

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118618.D
 Acq On : 21 Jan 2020 5:16
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 05:55:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	412726	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1374862	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	666300	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	1056832	20.00	ng	0.00
76) Chrysene-d12	14.04	240	840150	20.00	ng	0.00
87) Perylene-d12	15.52	264	764414	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1898209	85.42	ng	0.00
7) Phenol-d6	6.51	99	2364794	81.87	ng	0.00
23) Nitrobenzene-d5	7.45	82	2154836	87.67	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	603176	78.27	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	3563371	87.90	ng	0.00
79) Terphenyl-d14	12.99	244	3566603	92.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	449595	41.771	ng	98
3) Pyridine	3.42	79	1265613	41.719	ng	99
4) n-Nitrosodimethylamine	3.36	42	520500	40.020	ng	92
6) Aniline	6.55	93	1526675	40.141	ng	99
8) 2-Chlorophenol	6.67	128	1029834	41.287	ng	98
9) Benzaldehyde	6.43	77	763576	43.470	ng	96
10) Phenol	6.52	94	1329327	40.385	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	1023955	41.928	ng	98
12) 1,3-Dichlorobenzene	6.83	146	1231504	42.182	ng	99
13) 1,4-Dichlorobenzene	6.90	146	1233264	42.082	ng	100
14) 1,2-Dichlorobenzene	7.06	146	1165221	42.295	ng	99
15) Benzyl Alcohol	7.02	79	890931	38.896	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1400151	41.161	ng	99
17) 2-Methylphenol	7.13	107	823053	39.614	ng	99
18) Hexachloroethane	7.40	117	347272	32.679	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	777973	39.890	ng	99
20) 3+4-Methylphenols	7.29	107	1028118	40.530	ng	95
22) Acetophenone	7.29	105	1399207	42.961	ng	# 99
24) Nitrobenzene	7.46	77	1084701	43.098	ng	99
25) Isophorone	7.70	82	1863074	41.556	ng	99
26) 2-Nitrophenol	7.78	139	409768	38.179	ng	99
27) 2,4-Dimethylphenol	7.82	122	751350	40.540	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	1261804	43.680	ng	99
29) 2,4-Dichlorophenol	8.02	162	849109	41.444	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	1016149	42.775	ng	99
31) Naphthalene	8.19	128	2683511	43.208	ng	100
32) Benzoic acid	7.91	122	315811	22.705	ng	95
33) 4-Chloroaniline	8.23	127	1172723	40.853	ng	99
34) Hexachlorobutadiene	8.32	225	645994	44.654	ng	99
35) Caprolactam	8.60	113	250273	37.328	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	777467	38.428	ng	100
37) 2-Methylnaphthalene	8.88	142	1797841	41.010	ng	99
38) 1-Methylnaphthalene	8.98	142	1691818	40.621	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	990127	47.492	ng	98

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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

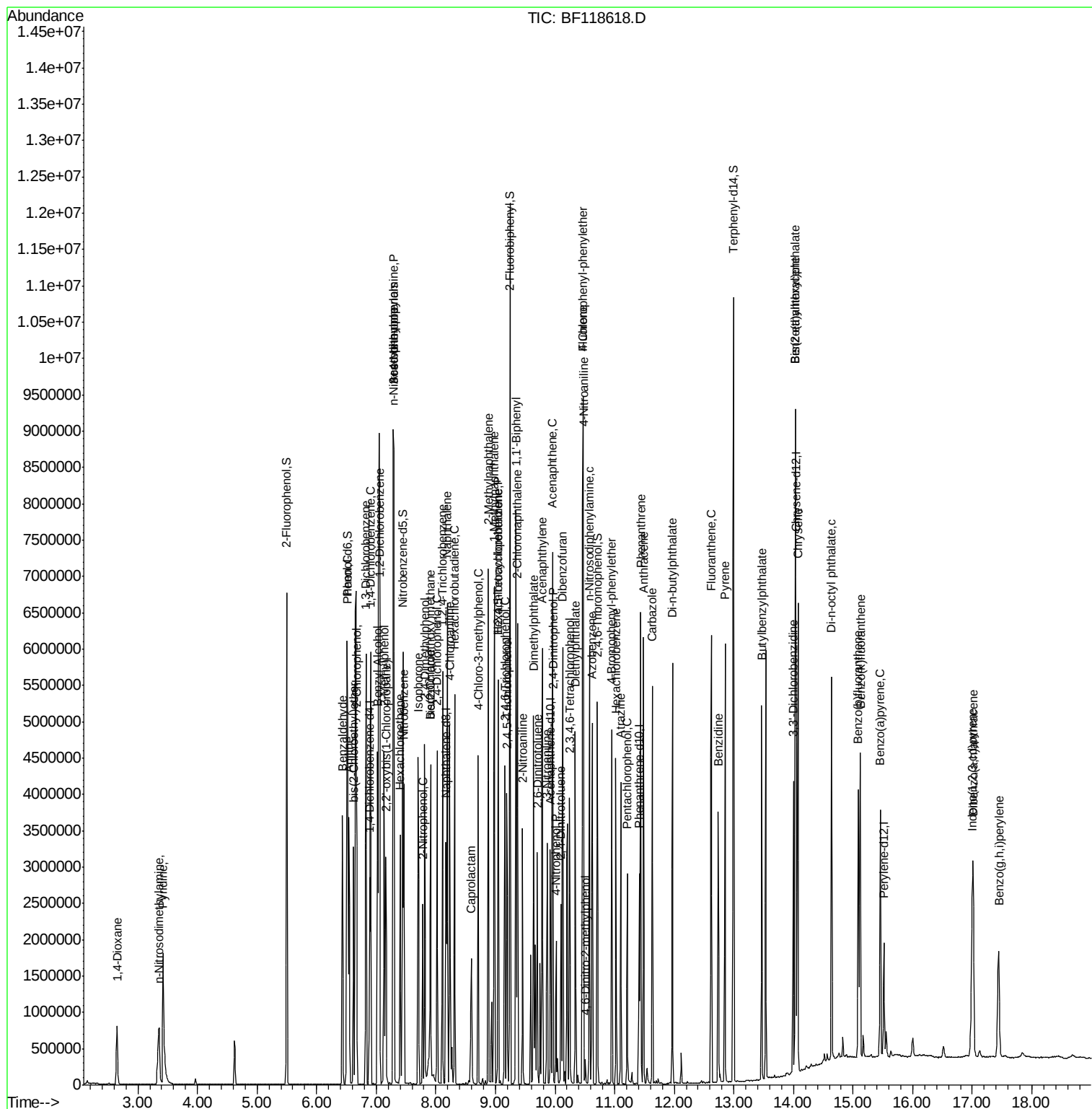
Instrument :
 BNA_F
 ClientSampleId :

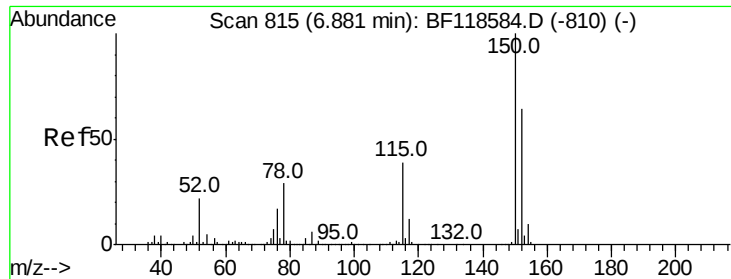
Quant Time: Jan 21 05:55:00 2020
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	92452	8.789	ng	98
43) 2,4,6-Trichlorophenol	9.16	196	602948	43.583	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	586020	41.476	ng	96
46) 1,1'-Biphenyl	9.35	154	2197627	47.856	ng	98
47) 2-Chloronaphthalene	9.37	162	1736222	44.857	ng	99
48) 2-Nitroaniline	9.46	65	537135	45.144	ng	99
49) Acenaphthylene	9.79	152	2381193	43.731	ng	98
50) Dimethylphthalate	9.64	163	2030261	46.769	ng	100
51) 2,6-Dinitrotoluene	9.70	165	384186	39.522	ng	91
52) Acenaphthene	9.96	154	1504019	41.307	ng	100
53) 3-Nitroaniline	9.87	138	499615	45.011	ng	95
54) 2,4-Dinitrophenol	9.97	184	23180	5.973	ng	# 1
55) Dibenzofuran	10.13	168	2172214	43.050	ng	99
56) 4-Nitrophenol	10.02	139	283911	33.882	ng	97
57) 2,4-Dinitrotoluene	10.10	165	442345	36.097	ng	93
58) Fluorene	10.47	166	1651070	41.681	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	465285	37.440	ng	99
60) Diethylphthalate	10.35	149	1960208	46.572	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	944317	43.832	ng	99
62) 4-Nitroaniline	10.48	138	465564	40.890	ng	96
63) Azobenzene	10.62	77	1715639	42.089	ng	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	41124	8.849	ng	90
66) n-Nitrosodiphenylamine	10.58	169	1523983	47.816	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	604855	46.325	ng	# 93
68) Hexachlorobenzene	11.03	284	637694	43.079	ng	# 90
69) Atrazine	11.10	200	478775	43.341	ng	98
70) Pentachlorophenol	11.21	266	314508	38.214	ng	97
71) Phenanthrene	11.43	178	2263966	44.404	ng	96
72) Anthracene	11.49	178	2259188	44.781	ng	96
73) Carbazole	11.63	167	2014587	43.535	ng	97
74) Di-n-butylphthalate	11.97	149	2695038	52.420	ng	100
75) Fluoranthene	12.62	202	2338824	43.492	ng	96
77) Benzidine	12.74	184	1422770	63.380	ng	100
78) Pyrene	12.85	202	2363069	41.429	ng	96
80) Butylbenzylphthalate	13.47	149	1105744	47.368	ng	99
81) Benzo(a)anthracene	14.04	228	2200571	43.542	ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	918725	51.015	ng	99
83) Chrysene	14.07	228	2086491	43.076	ng	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	1544072	54.141	ng	# 97
85) Di-n-octyl phthalate	14.64	149	2526294	59.845	ng	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	1745668	41.478	ng	99
88) Benzo(b)fluoranthene	15.09	252	1976814	41.142	ng	99
89) Benzo(k)fluoranthene	15.12	252	1853653	41.641	ng	97
90) Benzo(a)pyrene	15.46	252	1699122	40.994	ng	98
91) Dibenzo(a,h)anthracene	17.02	278	1453918	39.655	ng	100
92) Benzo(g,h,i)perylene	17.44	276	1309770	36.793	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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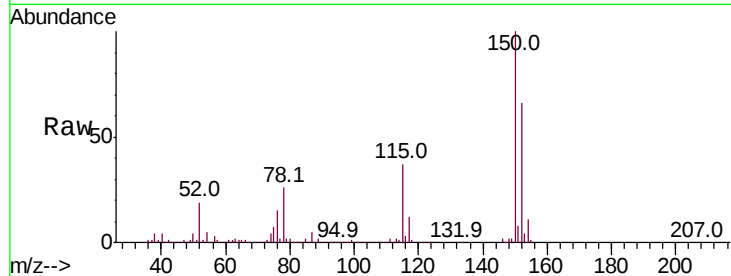


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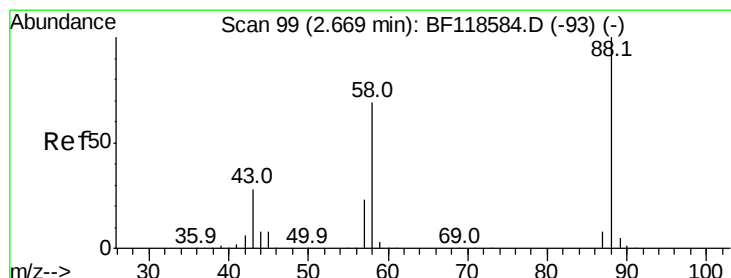
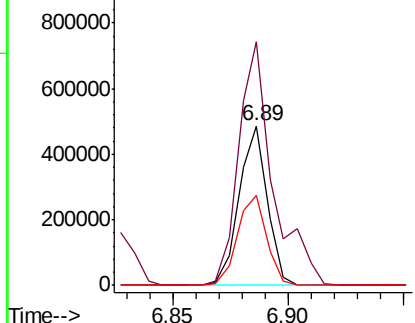
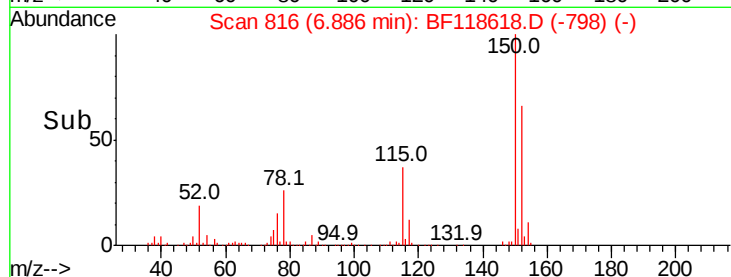
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 412726
Ion Ratio Lower Upper
152 100
150 152.6 125.6 188.4
115 56.6 48.4 72.6



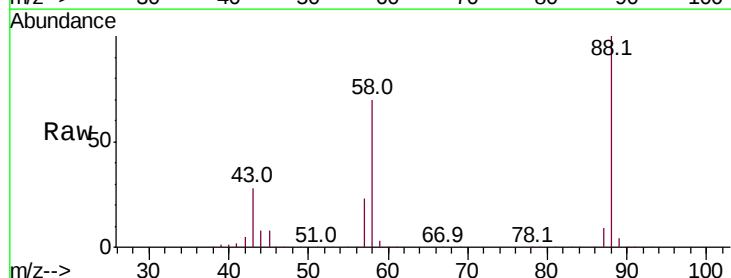
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



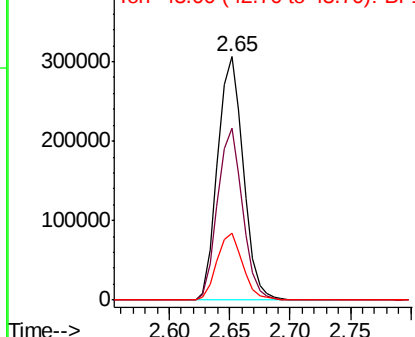
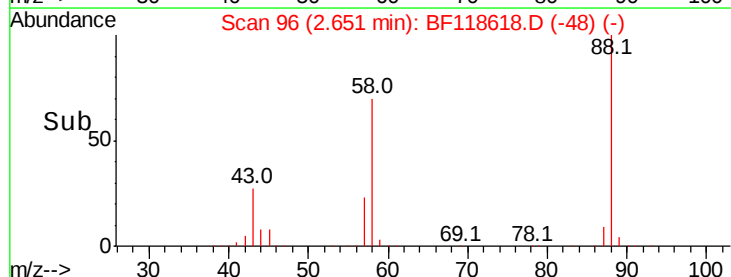
#2

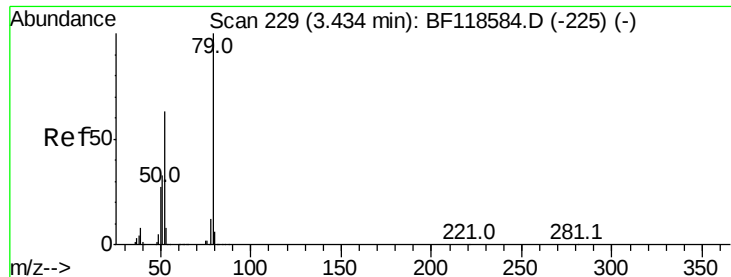
1,4-Dioxane
Concen: 41.771 ng
RT: 2.65 min Scan# 96
Delta R.T. -0.02 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion: 88 Resp: 449595
Ion Ratio Lower Upper
88 100
58 68.7 56.1 84.1
43 27.5 23.0 34.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 41.719 ng

RT: 3.42 min Scan# 227

Delta R.T. -0.01 min

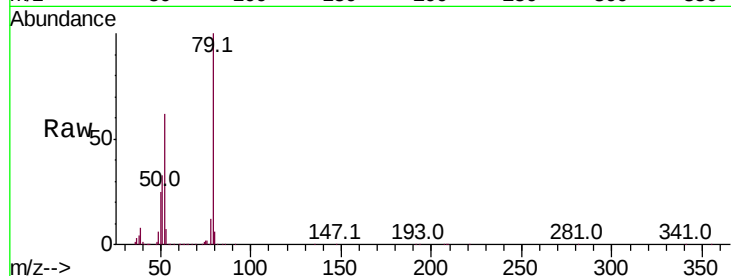
Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 1265613

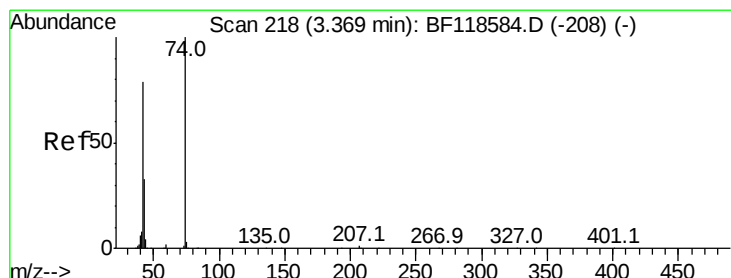
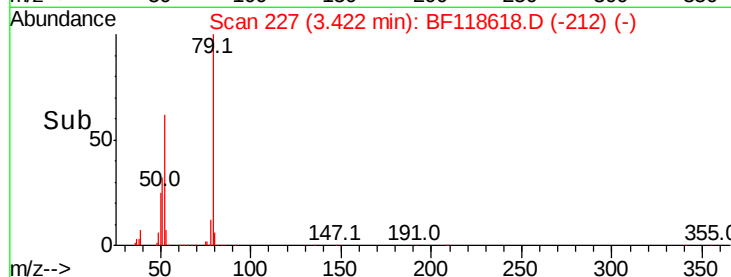
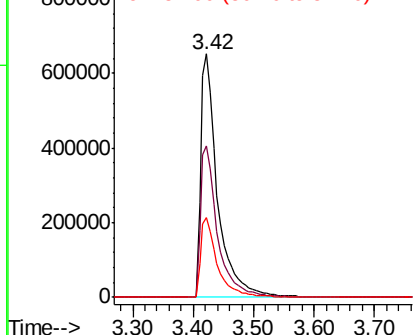
Ion	Ratio	Lower	Upper
79	100		
52	62.4	50.7	76.1
51	32.6	26.6	40.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.020 ng

RT: 3.36 min Scan# 216

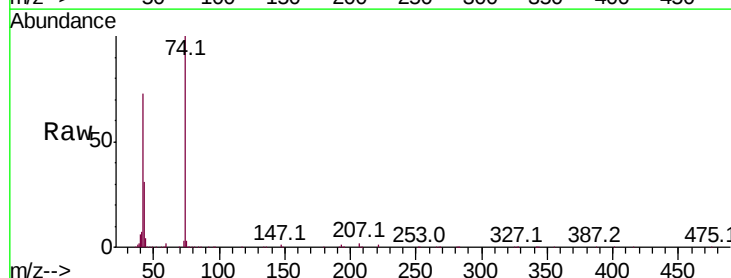
Delta R.T. -0.01 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Tgt Ion: 42 Resp: 520500

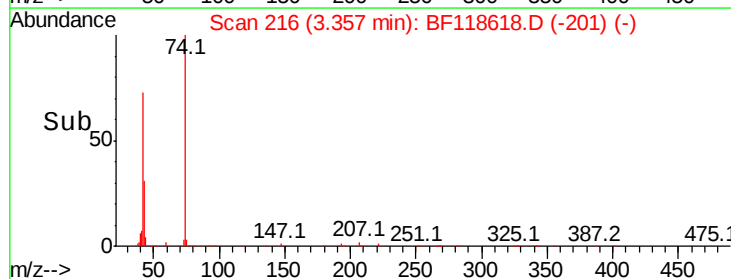
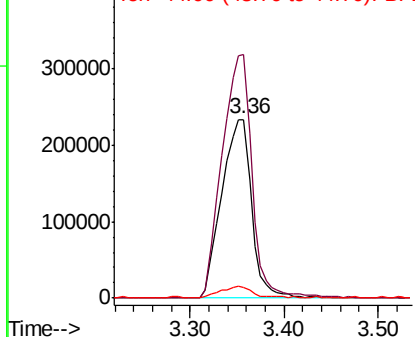
Ion	Ratio	Lower	Upper
42	100		
74	136.1	101.6	152.4
44	6.0	4.9	7.3

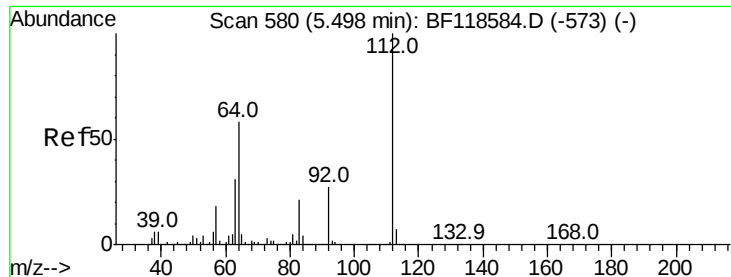


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 85.419 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

ClientSampleId :

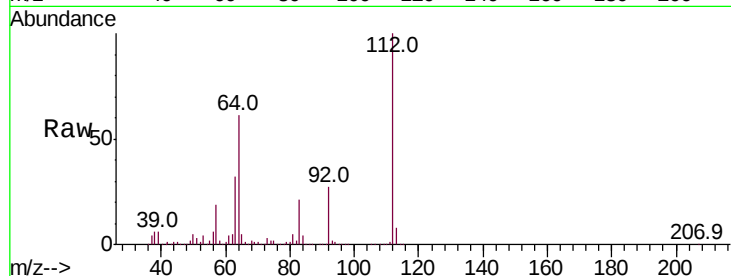
Tot Ion:112 Resp: 1898209

Ion Ratio Lower Upper

112 100

64 61.0 46.6 70.0

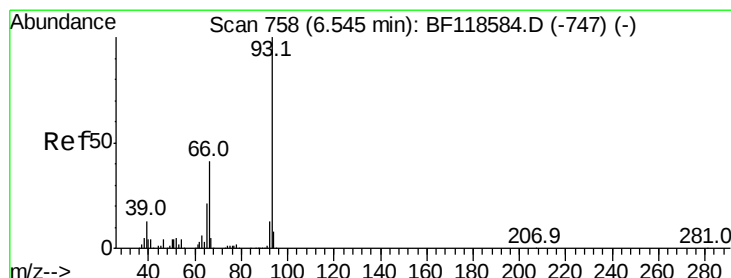
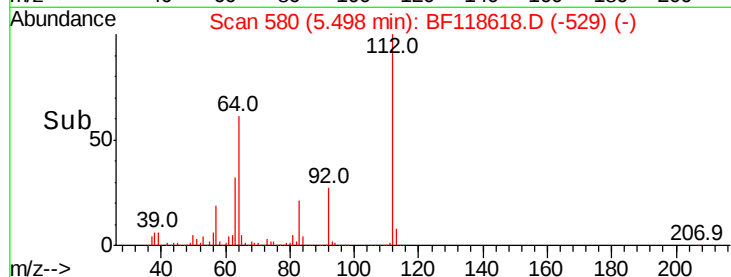
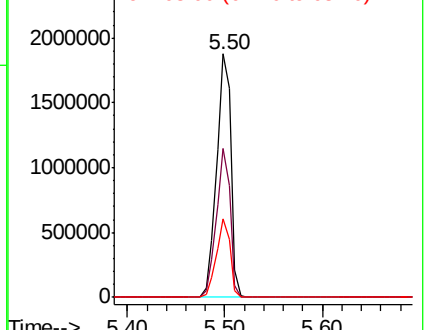
63 32.2 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.141 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

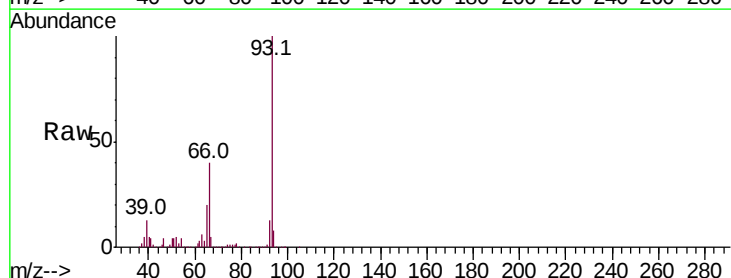
Tgt Ion: 93 Resp: 1526675

Ion Ratio Lower Upper

93 100

66 39.8 32.8 49.2

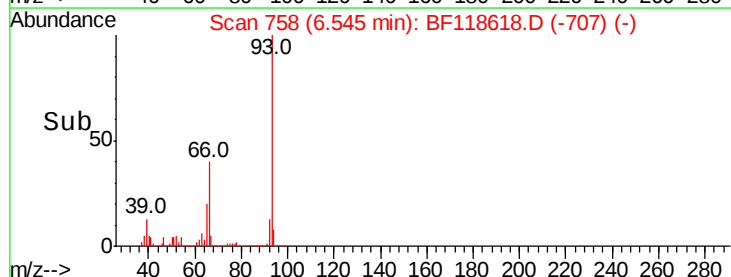
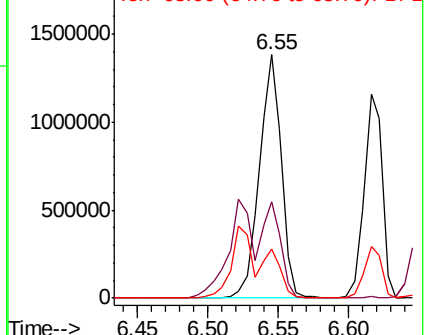
65 20.3 16.5 24.7

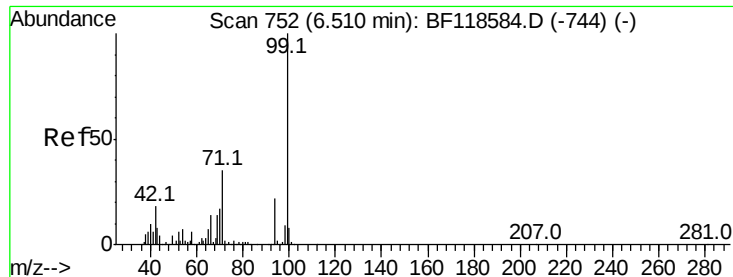


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.874 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

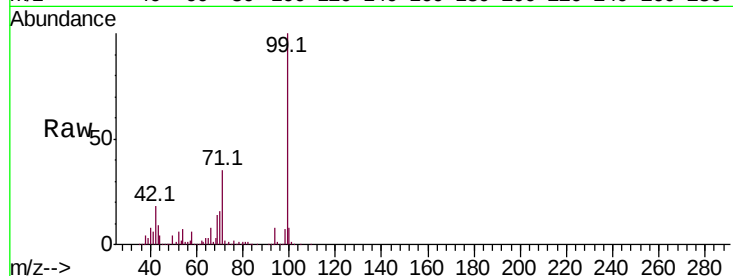
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2364794

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.2	21.2
71	35.5	27.8	41.6

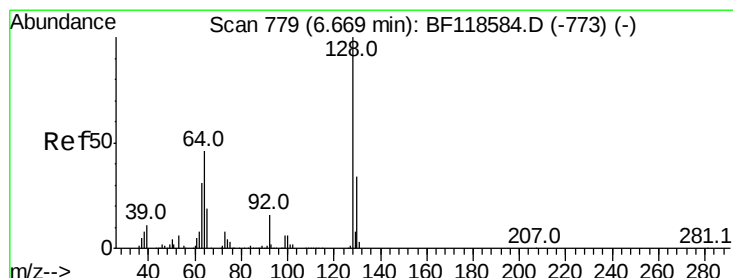
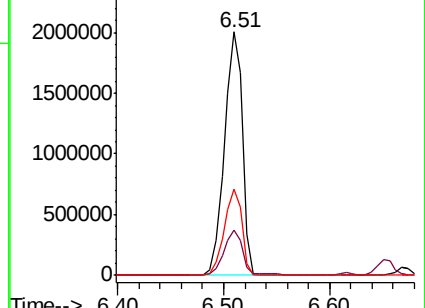
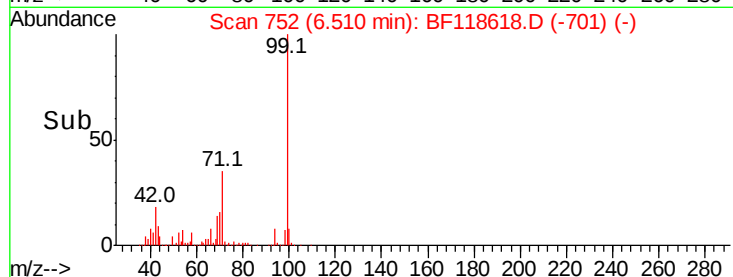


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.287 ng

RT: 6.67 min Scan# 779

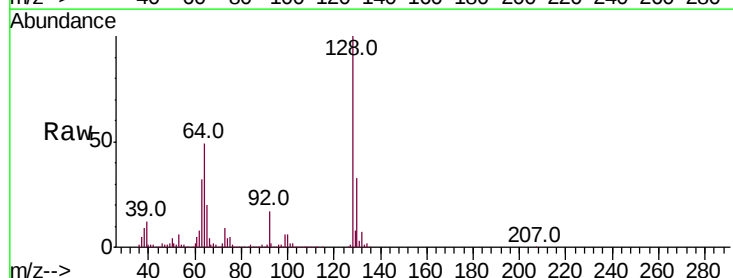
Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Tgt Ion: 128 Resp: 1029834

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.6	53.6
64	48.8	26.4	66.4

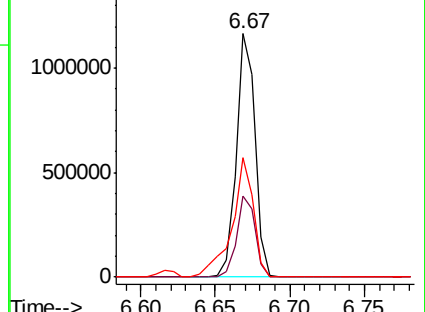
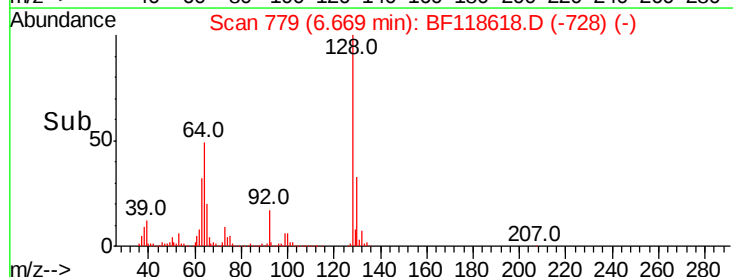


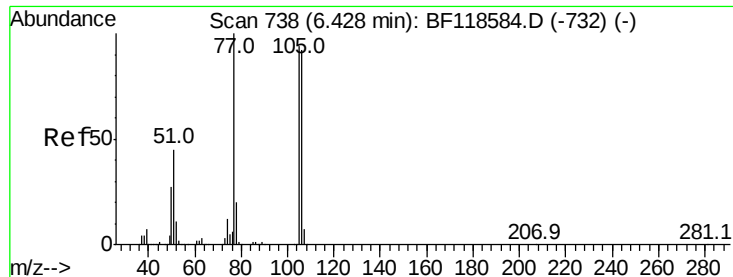
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 43.470 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

ClientSampleId :

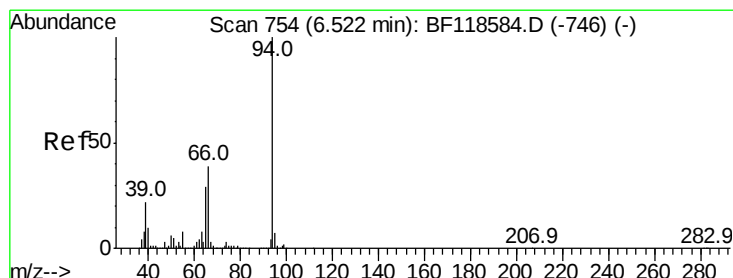
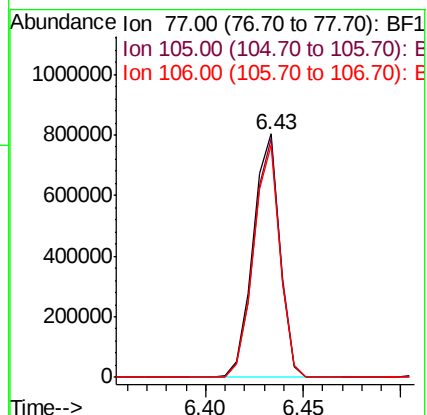
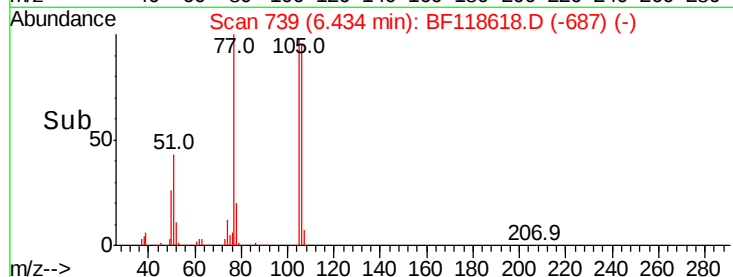
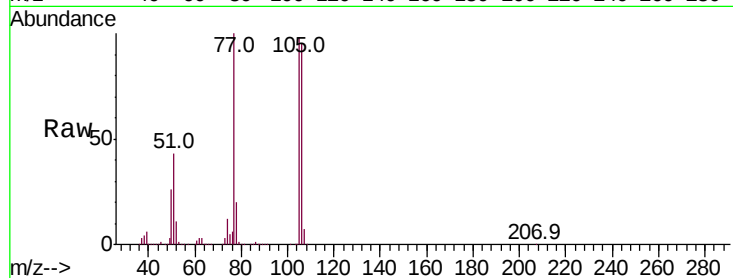
Tot Ion: 77 Resp: 763576

Ion Ratio Lower Upper

77 100

105 97.8 73.5 113.5

106 95.5 71.9 111.9



#10

Phenol

Concen: 40.385 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

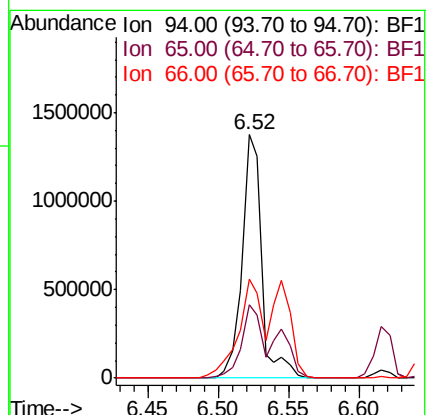
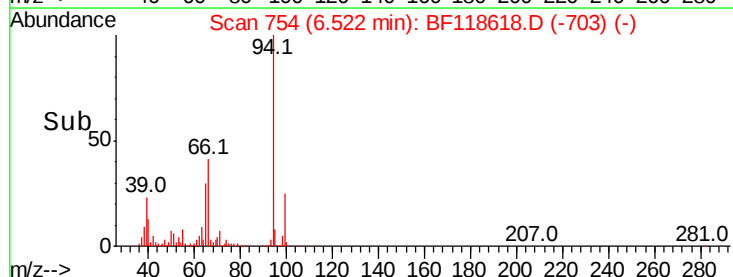
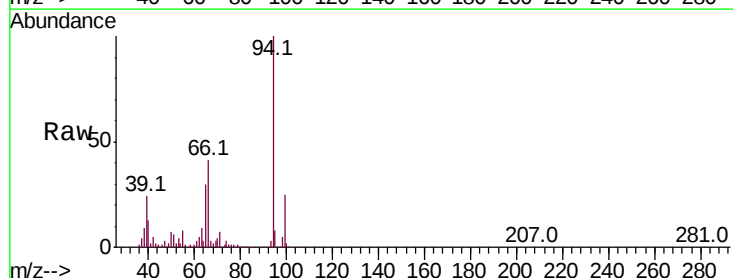
Tgt Ion: 94 Resp: 1329327

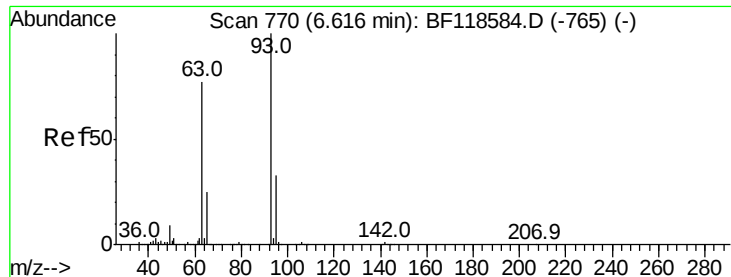
Ion Ratio Lower Upper

94 100

65 29.9 9.5 49.5

66 40.8 18.5 58.5

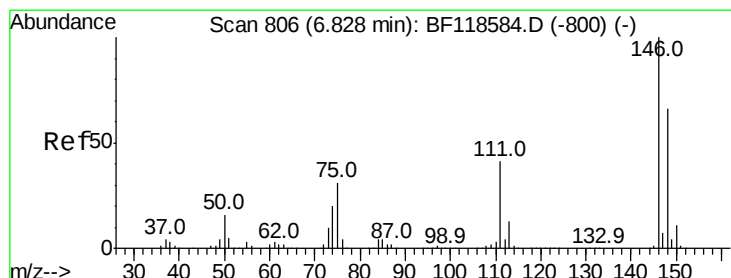
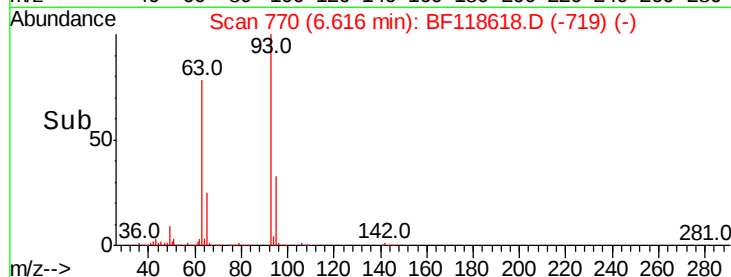
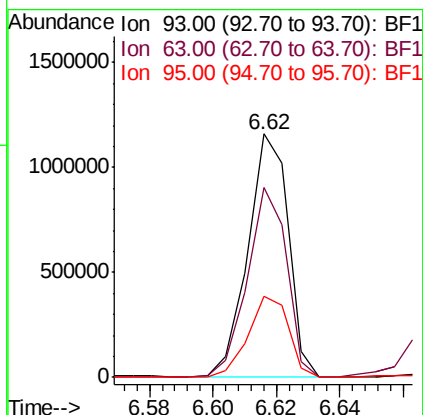
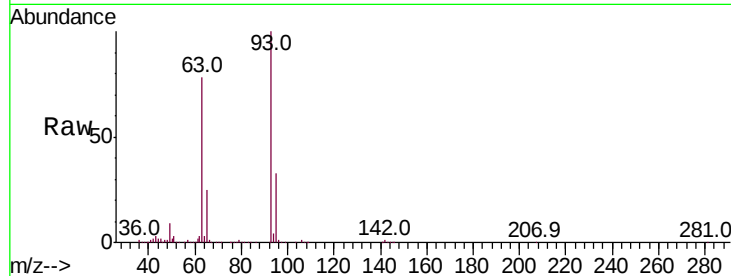




#11
bis(2-Chloroethyl)ether
Concen: 41.928 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

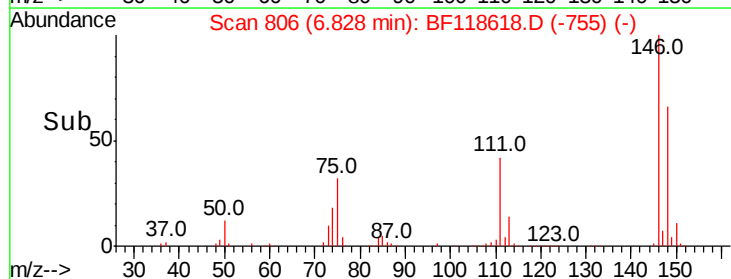
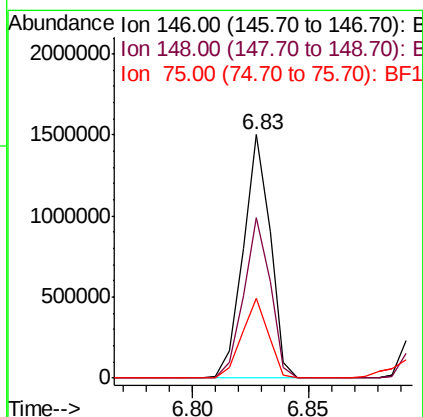
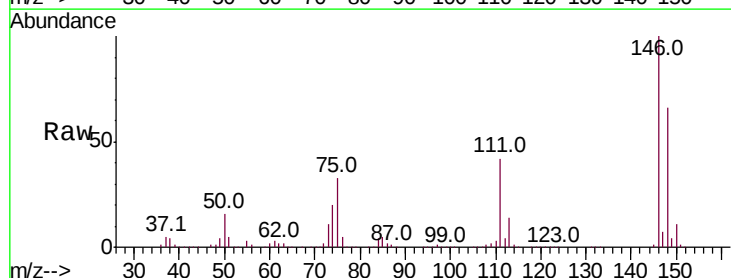
Instrument :
BNA_F
ClientSampleId :

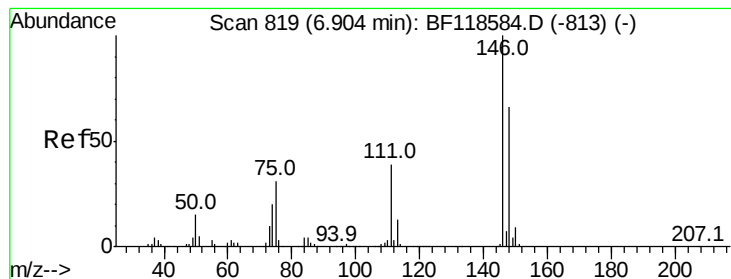
Tot Ion: 93 Resp: 1023955
Ion Ratio Lower Upper
93 100
63 78.2 56.3 96.3
95 33.4 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 42.182 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion: 146 Resp: 1231504
Ion Ratio Lower Upper
146 100
148 65.8 53.0 79.6
75 33.0 25.1 37.7





#13

1,4-Dichlorobenzene

Concen: 42.082 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

ClientSampleId :

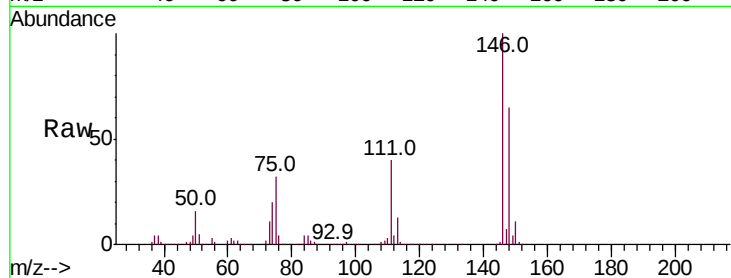
Tot Ion:146 Resp: 1233264

Ion Ratio Lower Upper

146 100

148 65.5 52.4 78.6

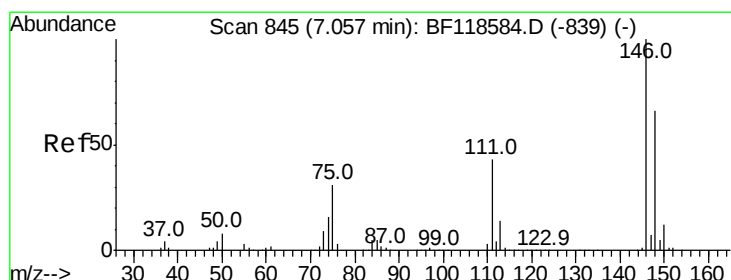
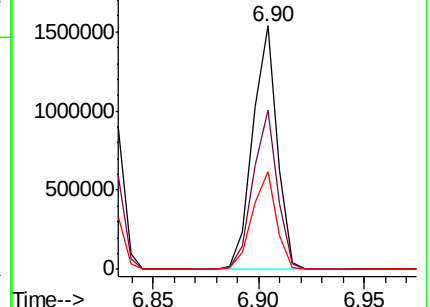
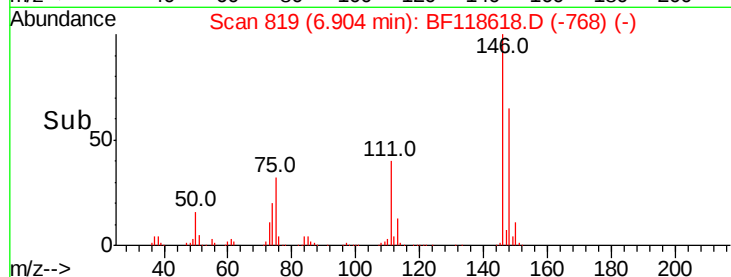
111 40.2 31.6 47.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.295 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

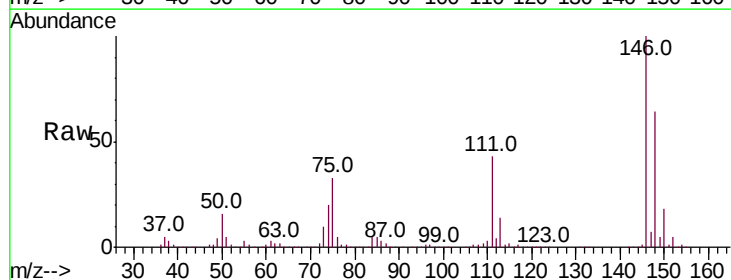
Tgt Ion:146 Resp: 1165221

Ion Ratio Lower Upper

146 100

148 64.3 52.7 79.1

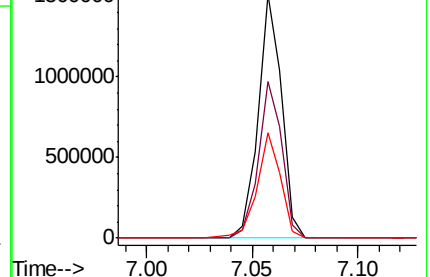
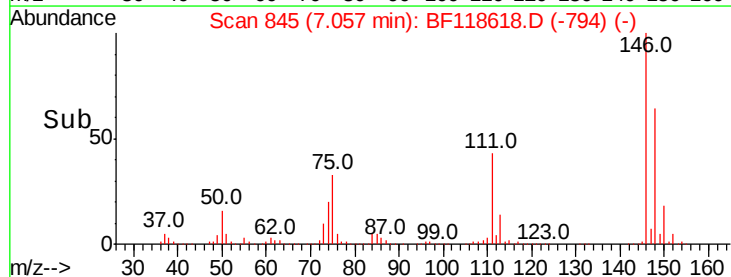
111 43.4 34.6 52.0

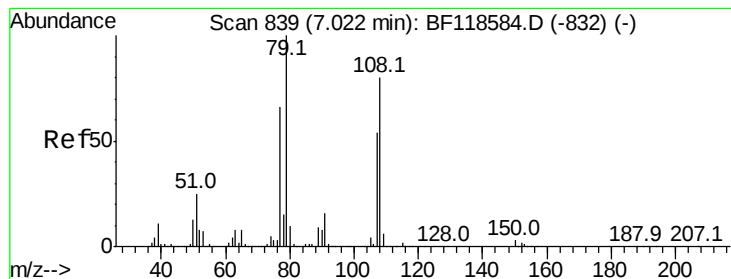


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.896 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

ClientSampled :

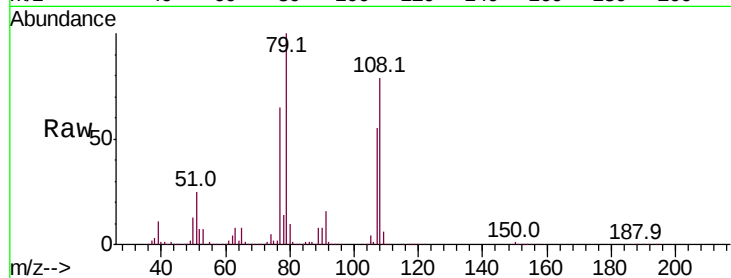
Tot Ion: 79 Resp: 890931

Ion Ratio Lower Upper

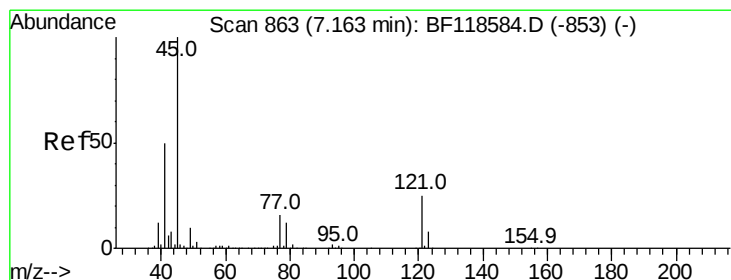
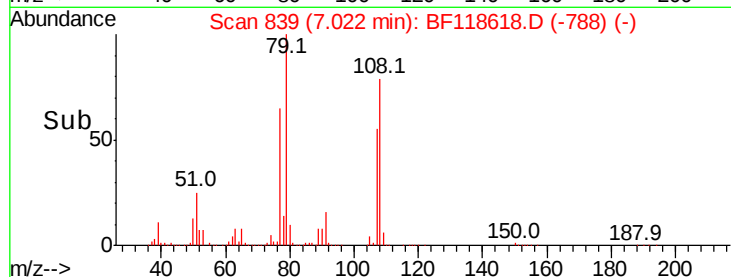
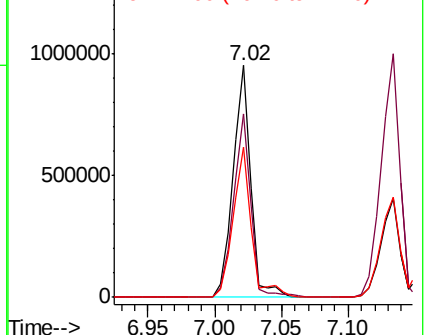
79 100

108 79.0 63.6 95.4

77 64.7 52.5 78.7



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.161 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

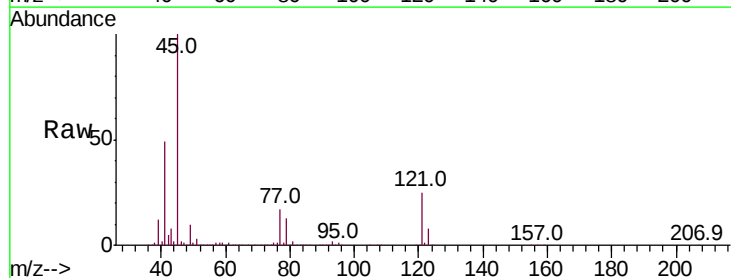
Tgt Ion: 45 Resp: 1400151

Ion Ratio Lower Upper

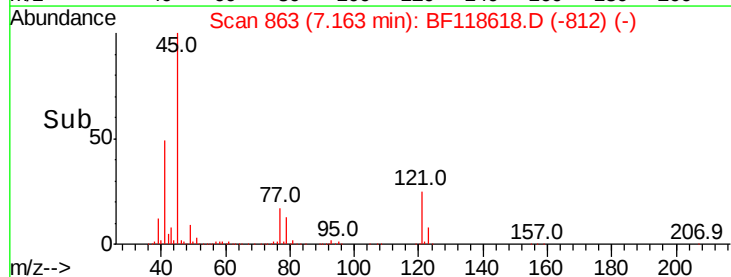
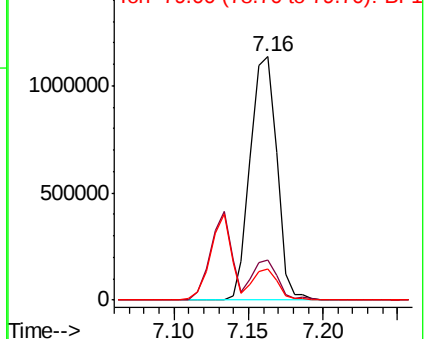
45 100

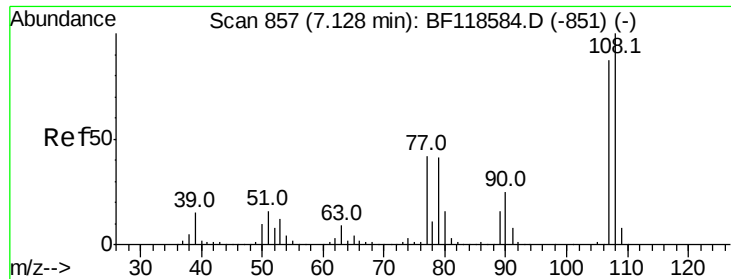
77 16.5 0.0 36.1

79 13.0 0.0 32.4



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

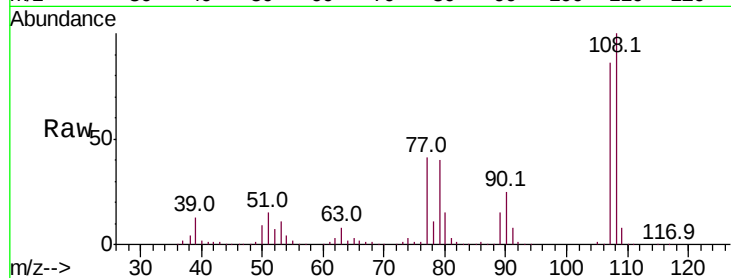




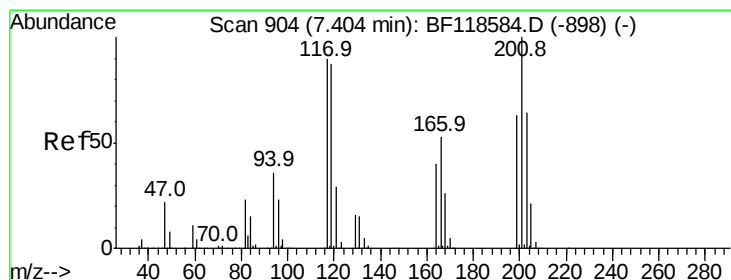
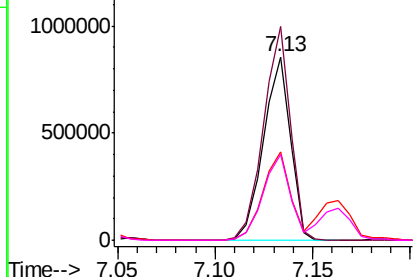
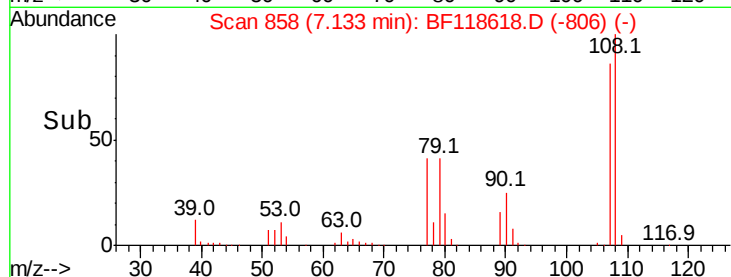
#17
2-Methylphenol
Concen: 39.614 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 823053
Ion Ratio Lower Upper
107 100
108 116.3 91.5 137.3
77 48.1 38.7 58.1
79 47.1 37.7 56.5

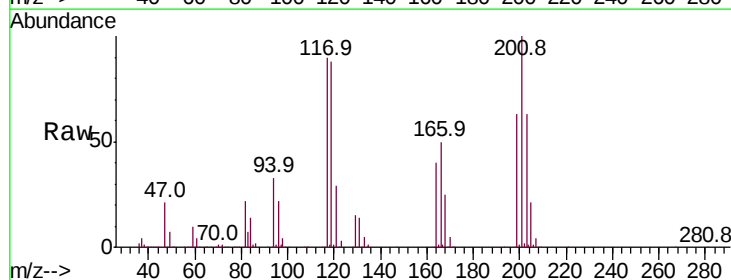


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

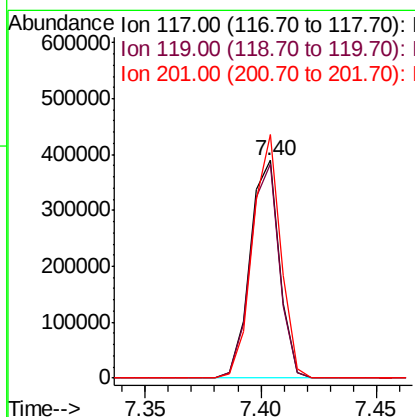
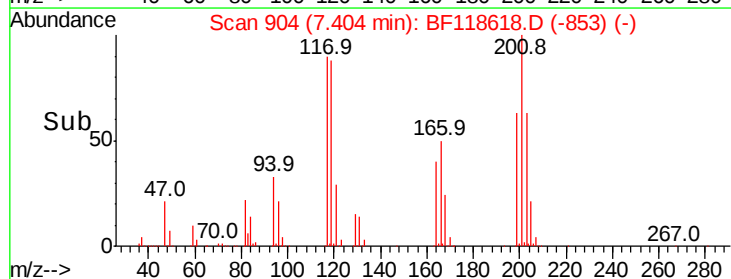


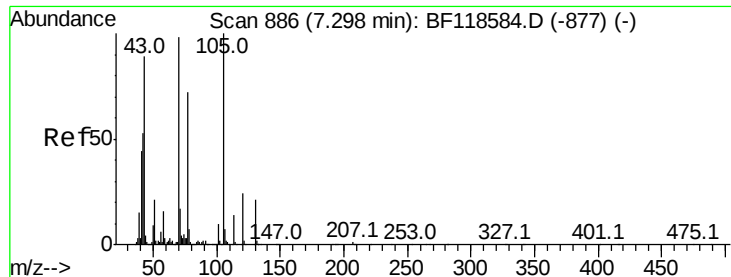
#18
Hexachloroethane
Concen: 32.679 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion:117 Resp: 347272
Ion Ratio Lower Upper
117 100
119 98.2 77.6 116.4
201 111.7 88.8 133.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

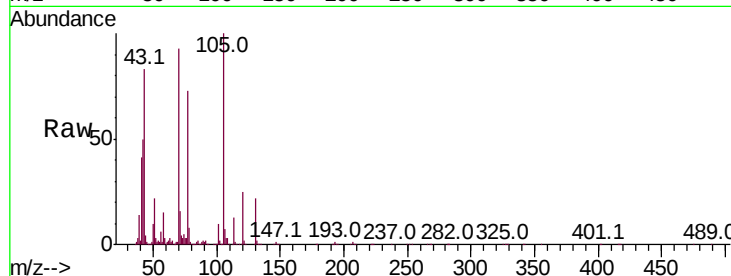




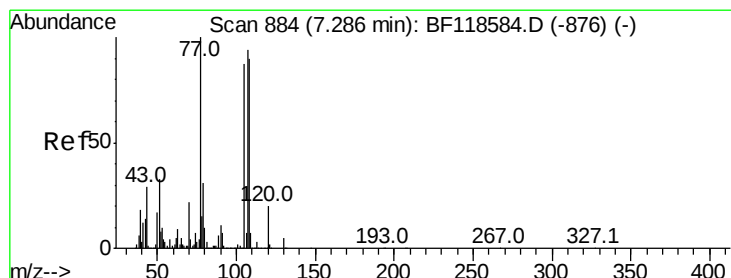
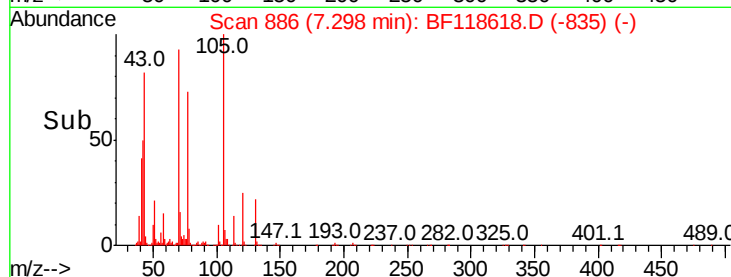
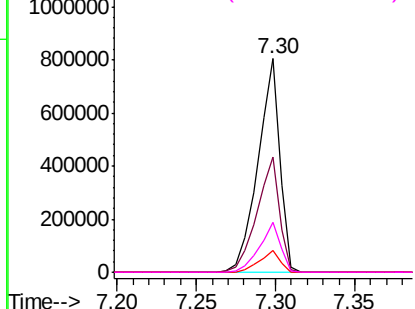
#19
n-Nitroso-di-n-propylamine
Concen: 39.890 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 777973
Ion Ratio Lower Upper
70 100
42 53.8 43.4 65.0
101 10.3 8.1 12.1
130 23.3 17.6 26.4

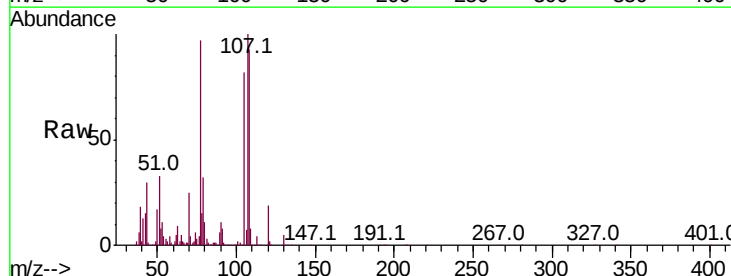


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

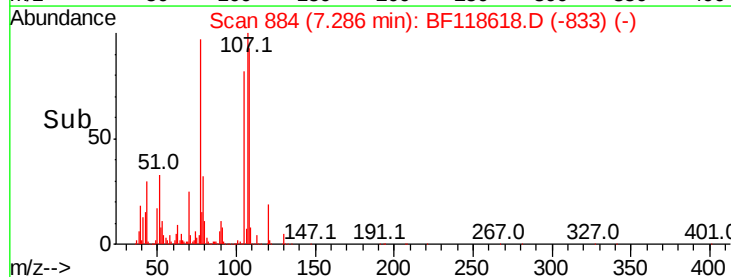
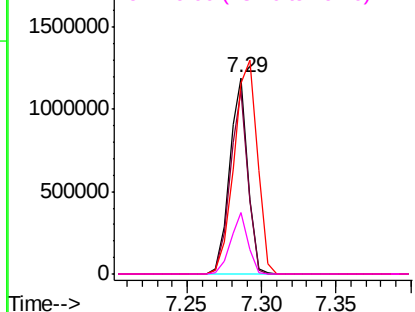


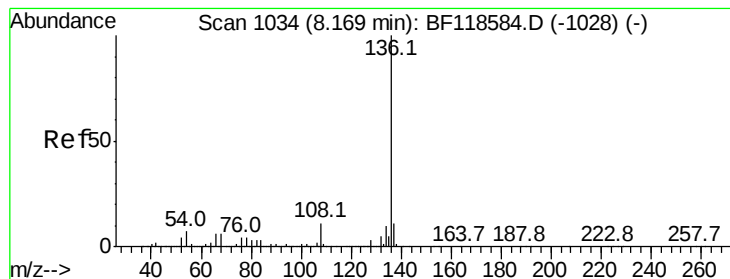
#20
3+4-Methylphenols
Concen: 40.530 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion: 107 Resp: 1028118
Ion Ratio Lower Upper
107 100
108 93.3 75.8 115.8
77 97.3 86.5 126.5
79 31.6 12.9 52.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 1374862

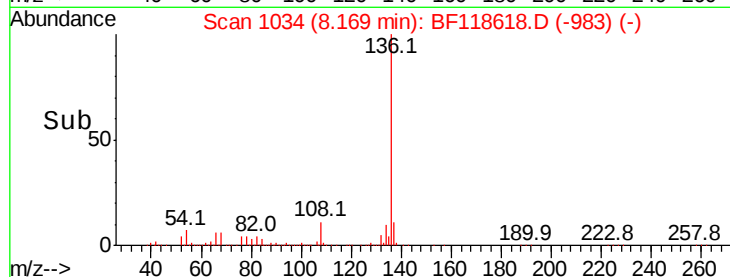
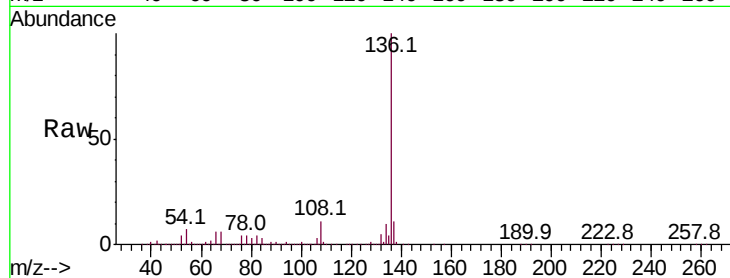
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 7.4 5.8 8.6

68 6.2 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E

2500000

Ion 137.00 (136.70 to 137.70): E

2000000

Ion 54.00 (53.70 to 54.70): BF1

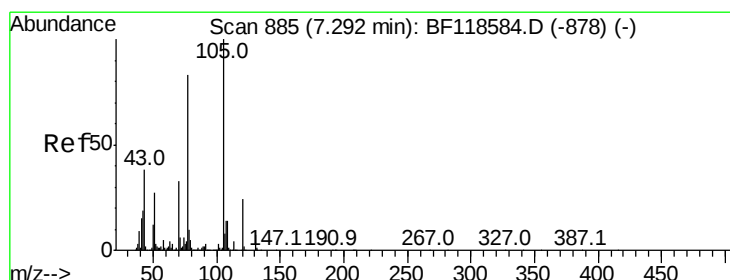
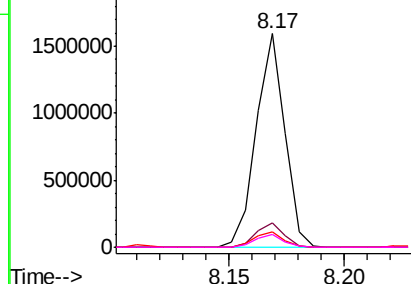
1500000

Ion 68.00 (67.70 to 68.70): BF1

1000000

500000

0



#22

Acetophenone

Concen: 42.961 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Tgt Ion:105 Resp: 1399207

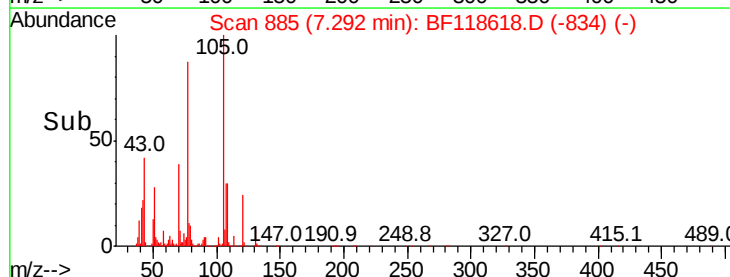
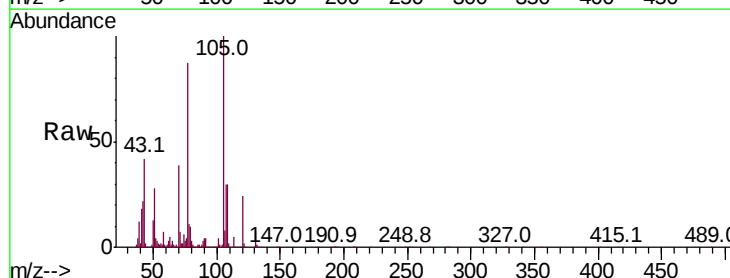
Ion Ratio Lower Upper

105 100

71 6.8 4.5 6.7#

51 28.0 21.5 32.3

120 23.7 19.0 28.6



Abundance Ion 105.00 (104.70 to 105.70): E

2000000

Ion 71.00 (70.70 to 71.70): BF1

1500000

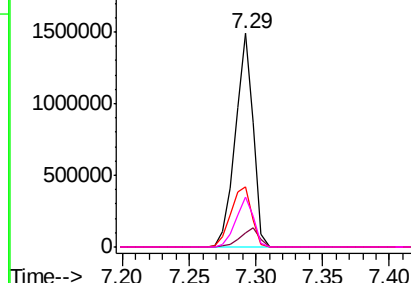
Ion 51.00 (50.70 to 51.70): BF1

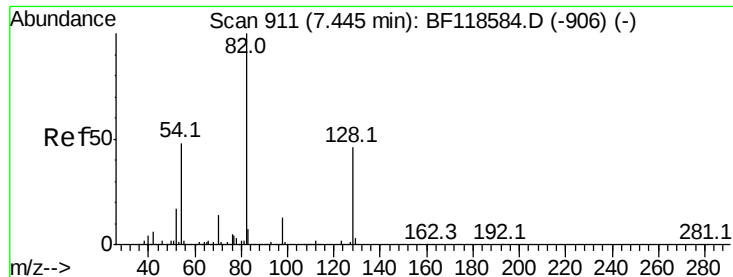
1000000

Ion 120.00 (119.70 to 120.70): E

500000

0

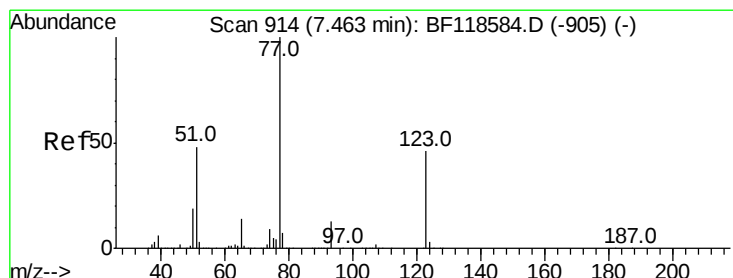
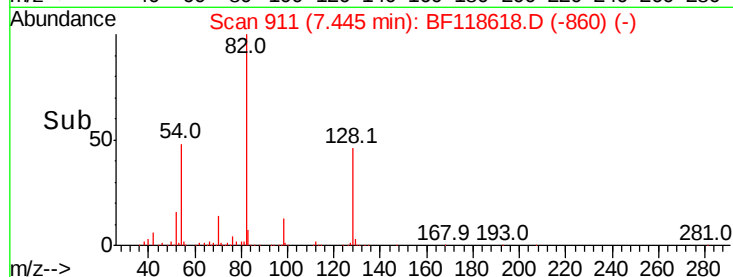
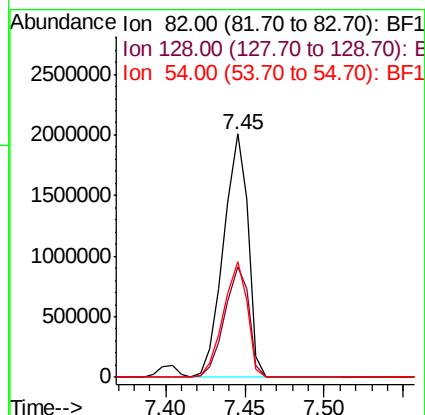
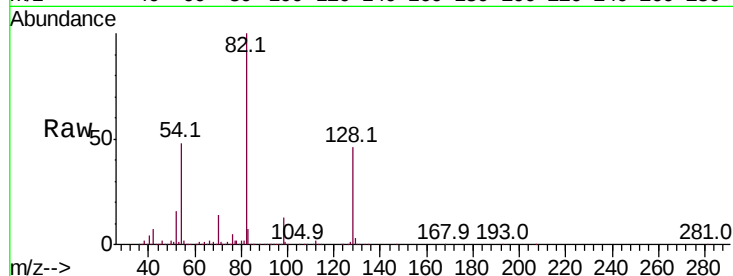




#23
 Nitrobenzene-d5
 Concen: 87.666 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

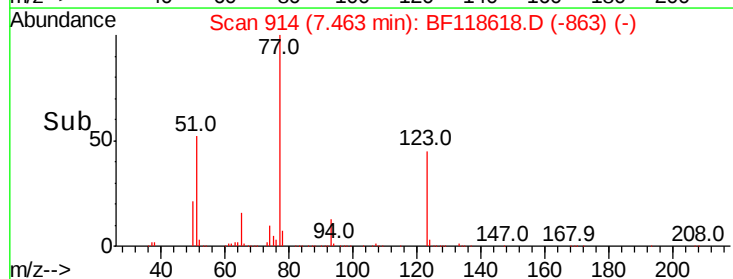
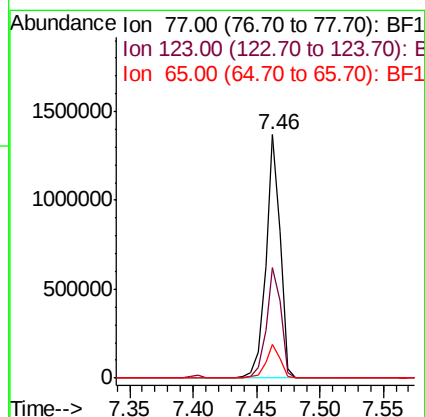
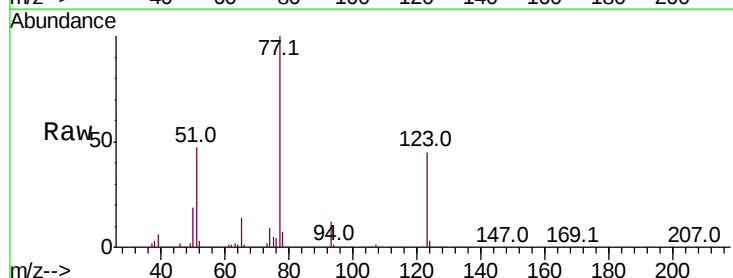
Instrument :
 BNA_F
 ClientSampleId :

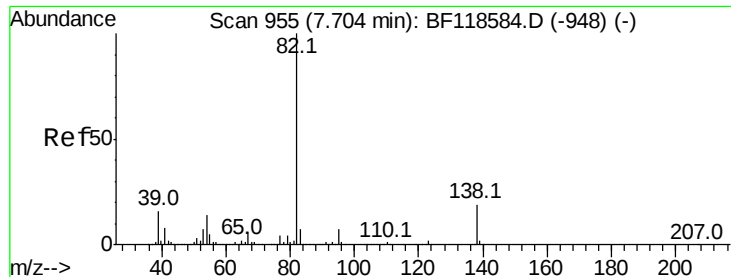
Tot Ion: 82 Resp: 2154836
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.6 54.8
 54 47.7 38.0 57.0



#24
 Nitrobenzene
 Concen: 43.098 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

Tgt Ion: 77 Resp: 1084701
 Ion Ratio Lower Upper
 77 100
 123 45.3 37.0 55.4
 65 14.0 11.1 16.7

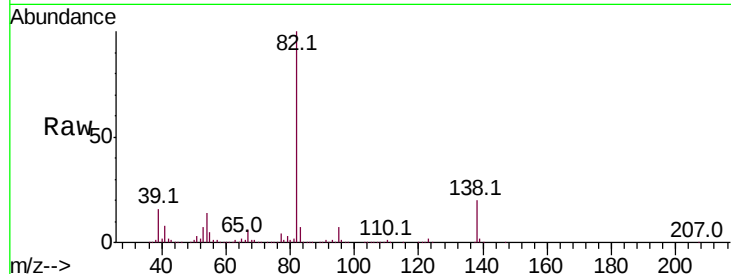




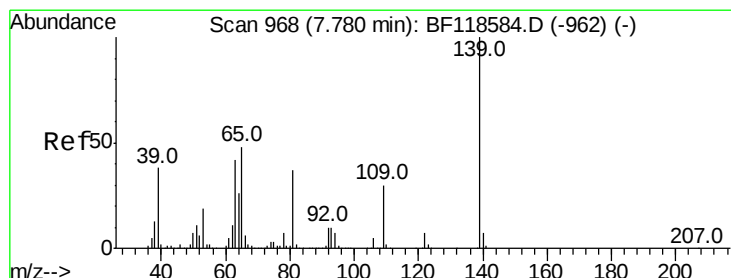
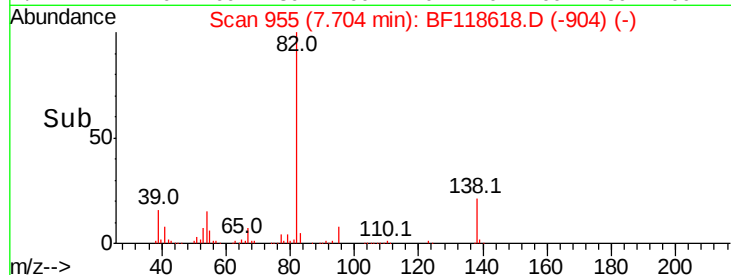
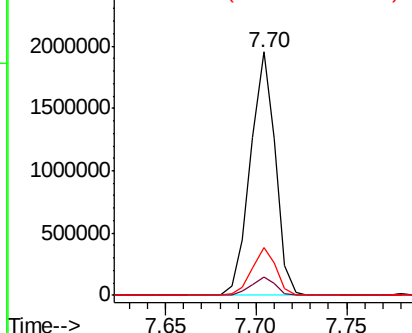
#25
Isophorone
Concen: 41.556 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1863074
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 19.8 15.3 22.9

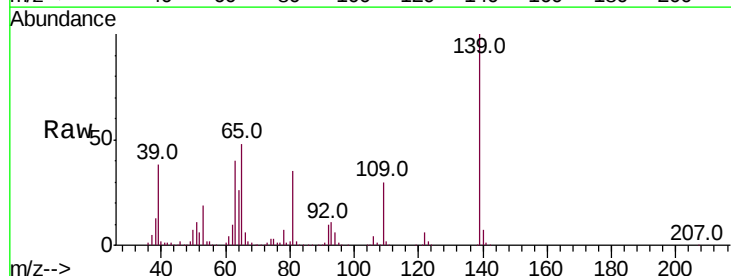


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

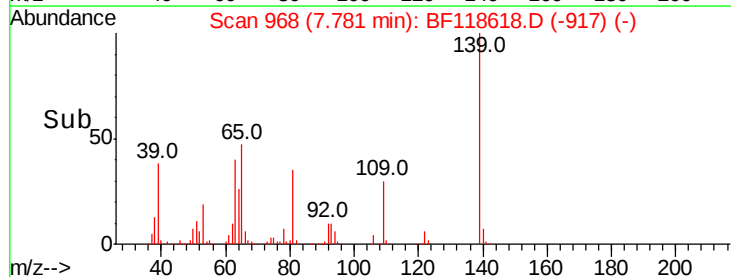
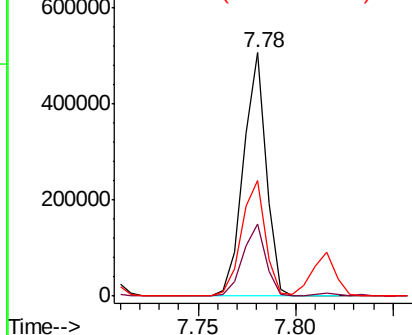


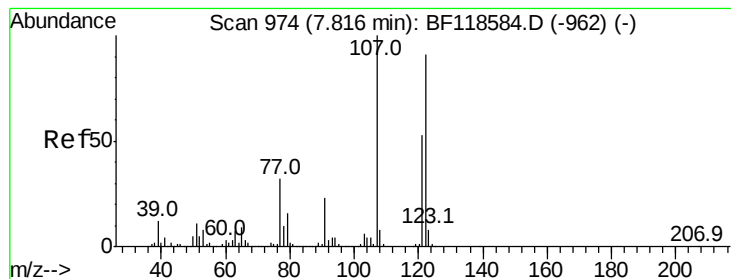
#26
2-Nitrophenol
Concen: 38.179 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion: 139 Resp: 409768
Ion Ratio Lower Upper
139 100
109 29.6 23.8 35.8
65 47.6 38.5 57.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.540 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

ClientSampleId :

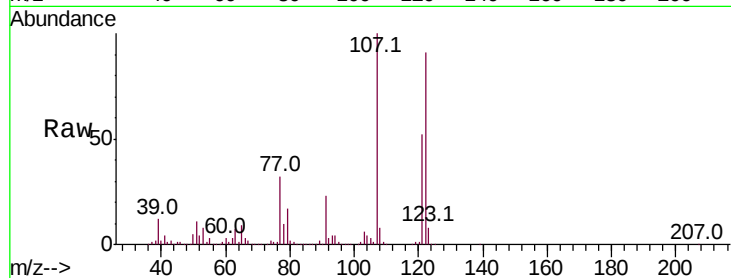
Tot Ion:122 Resp: 751350

Ion Ratio Lower Upper

122 100

107 110.1 88.0 132.0

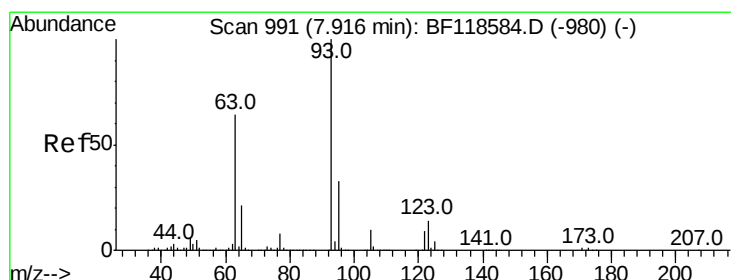
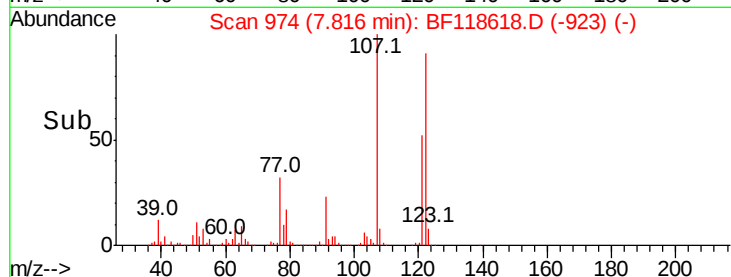
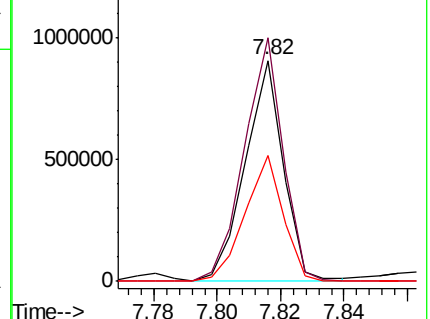
121 57.1 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.680 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

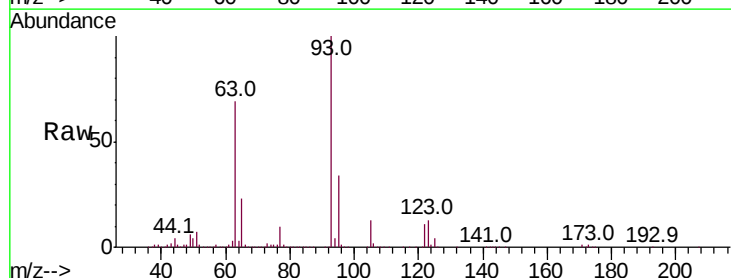
Tgt Ion: 93 Resp: 1261804

Ion Ratio Lower Upper

93 100

95 33.6 26.7 40.1

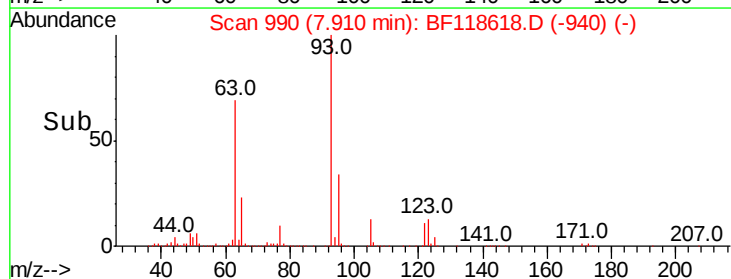
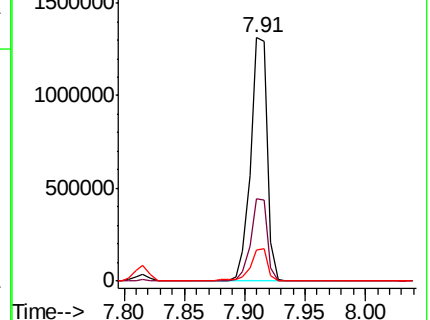
123 12.7 11.0 16.6

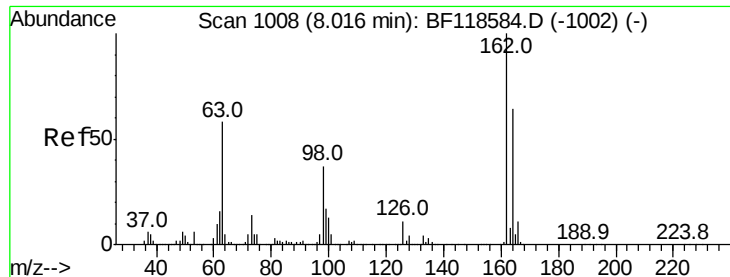


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

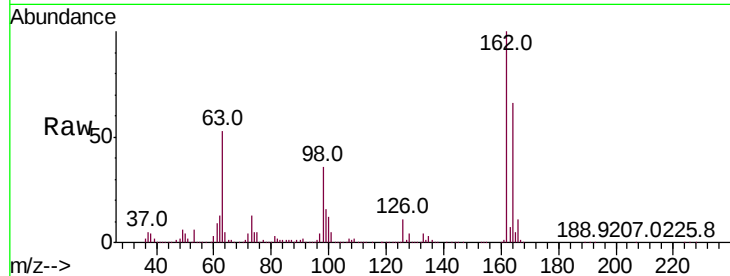




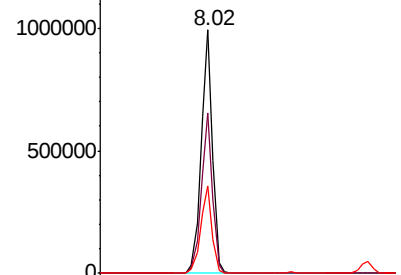
#29
 2,4-Dichlorophenol
 Concen: 41.444 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

Instrument :
 BNA_F
 ClientSampled :

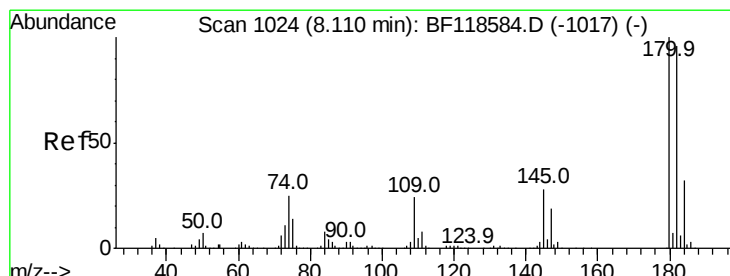
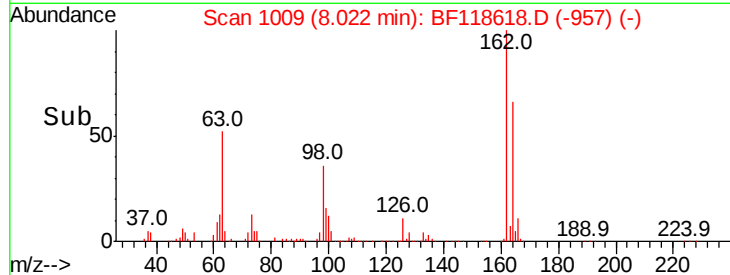
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	44.3	84.3
98	36.0	17.5	57.5



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

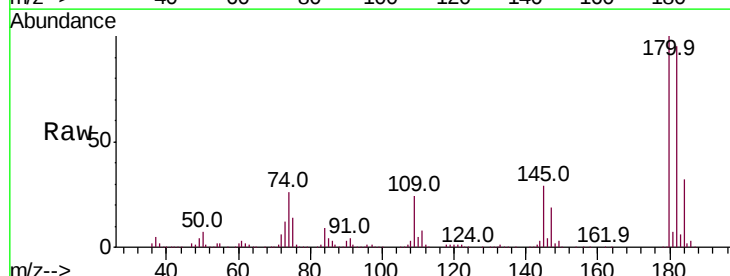


Time-->

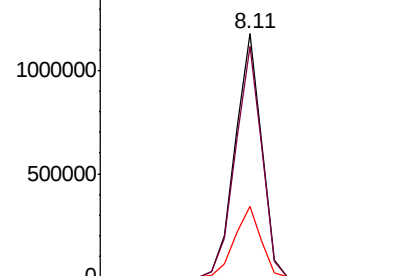


#30
 1,2,4-Trichlorobenzene
 Concen: 42.775 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

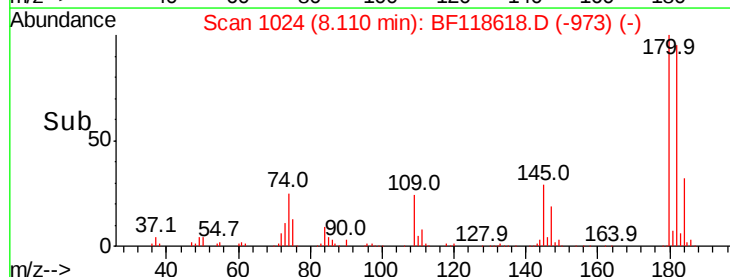
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.9	115.3
145	29.2	22.8	34.2

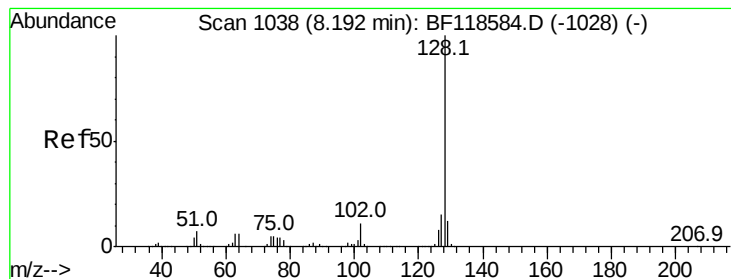


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E



Time-->





#31

Naphthalene

Concen: 43.208 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

ClientSampleId :

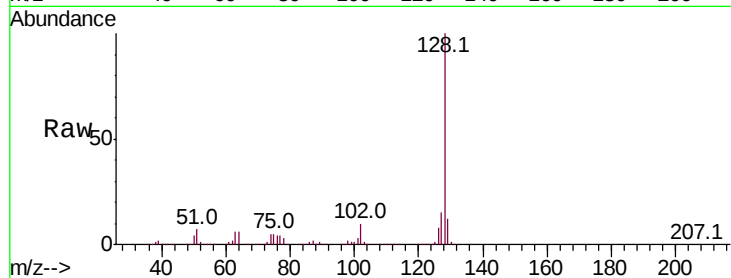
Tot Ion:128 Resp: 2683511

Ion Ratio Lower Upper

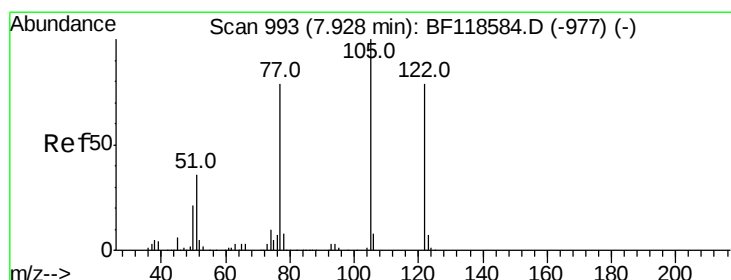
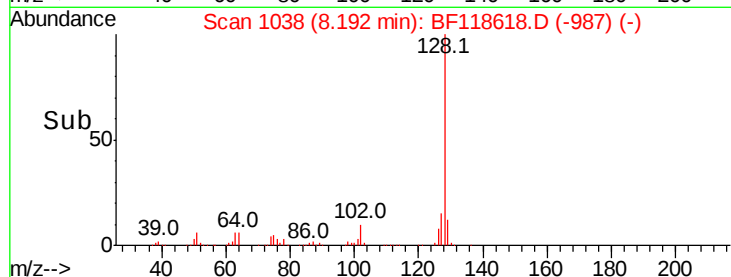
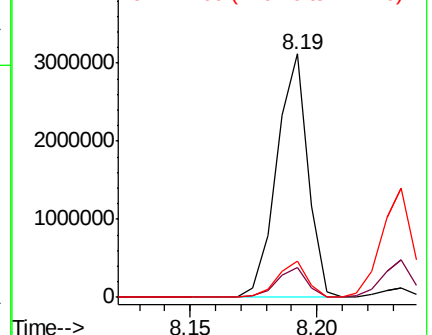
128 100

129 12.4 9.9 14.9

127 14.8 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 22.705 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.02 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

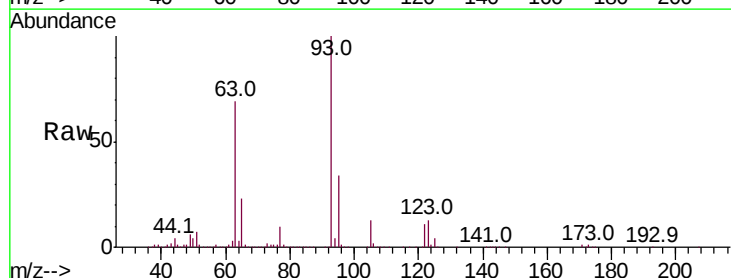
Tgt Ion:122 Resp: 315811

Ion Ratio Lower Upper

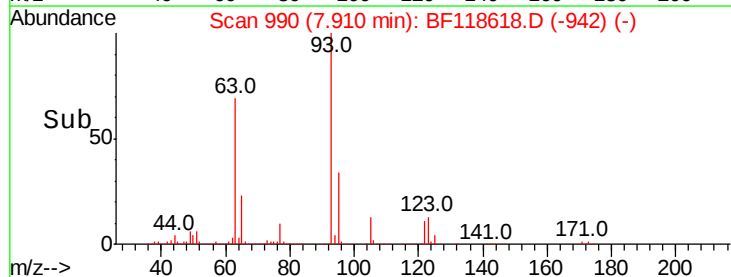
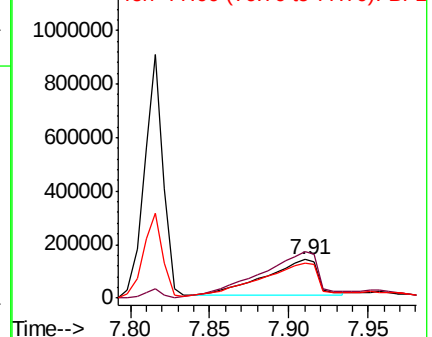
122 100

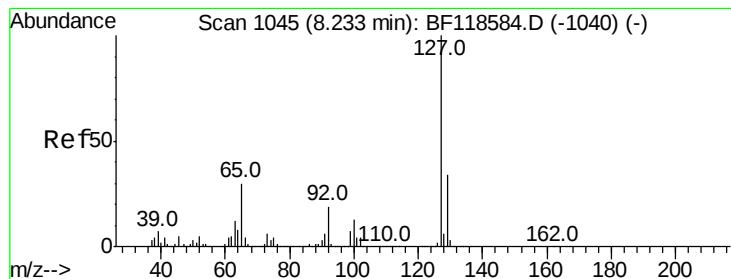
105 120.7 104.3 144.3

77 91.6 79.4 119.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 40.853 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 1172723

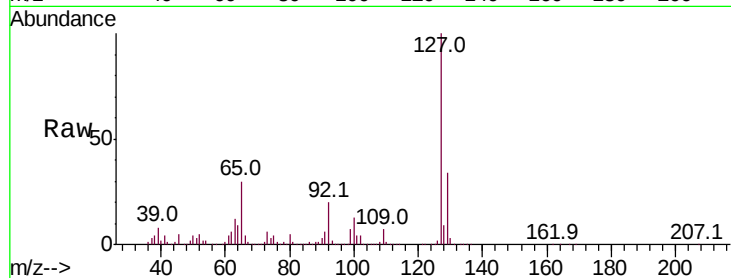
Ion Ratio Lower Upper

127 100

129 33.8 27.4 41.0

65 29.8 23.6 35.4

92 19.5 15.0 22.4

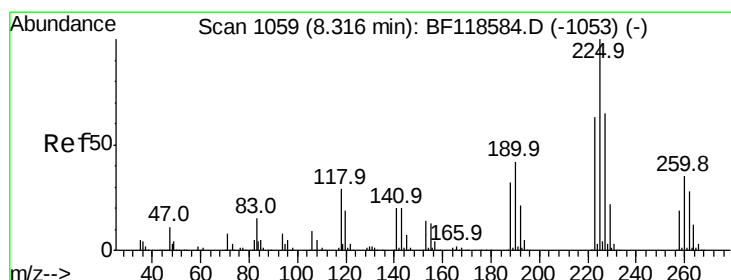
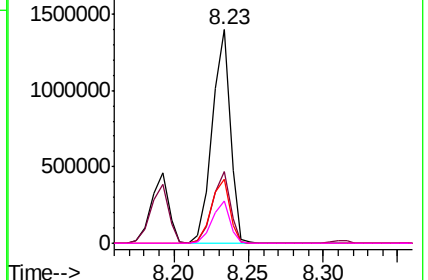
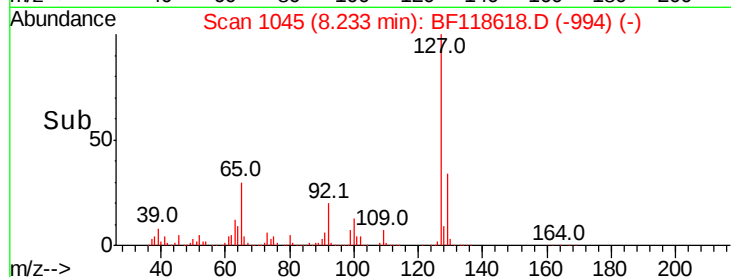


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 44.654 ng

RT: 8.32 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

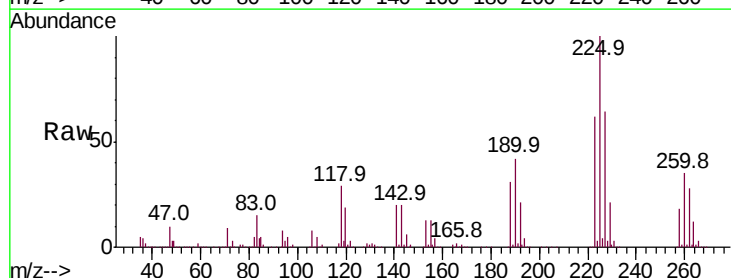
Tgt Ion:225 Resp: 645994

Ion Ratio Lower Upper

225 100

223 61.9 50.2 75.4

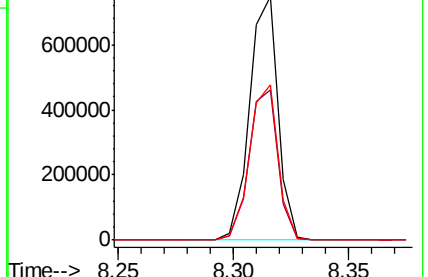
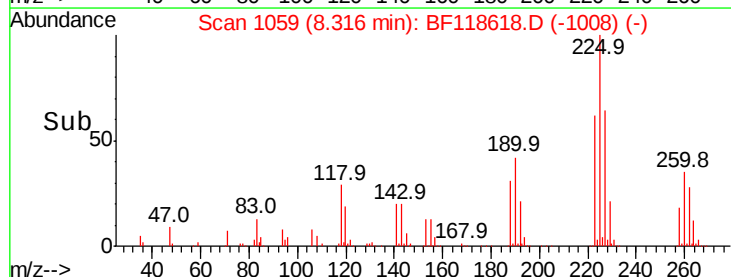
227 63.7 52.1 78.1

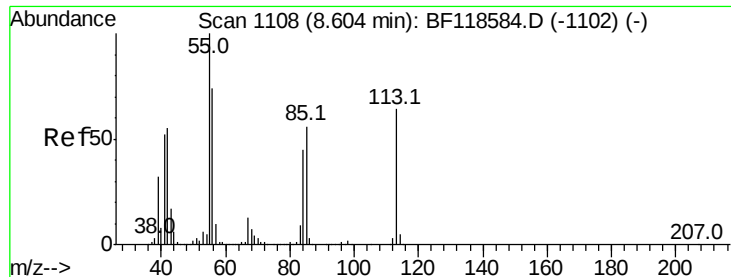


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

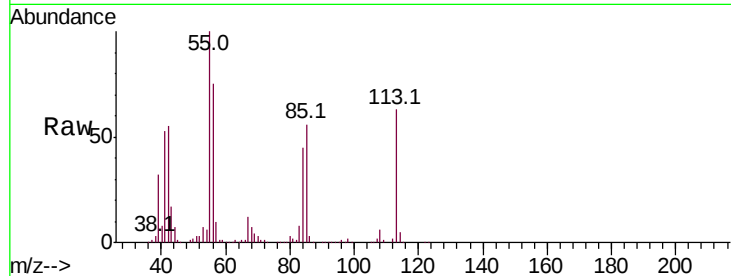




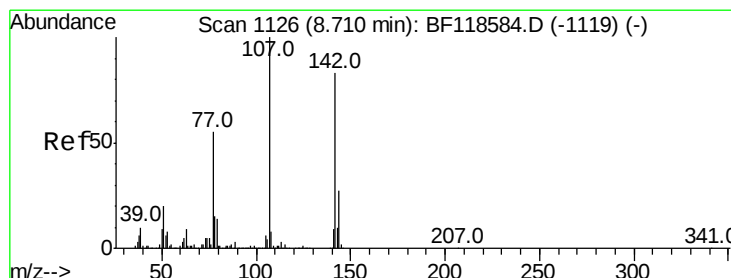
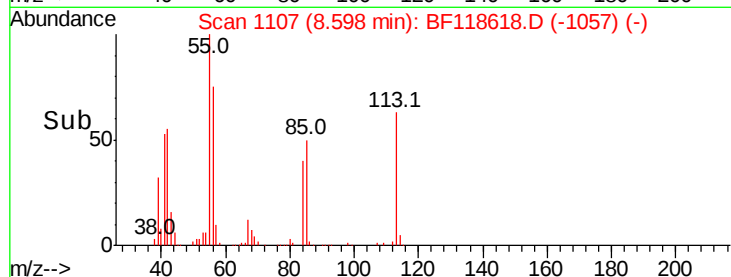
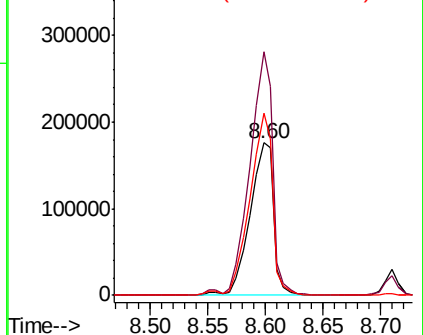
#35
 Caprolactam
 Concen: 37.328 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 250273
 Ion Ratio Lower Upper
 113 100
 55 159.9 136.1 176.1
 56 119.3 95.2 135.2

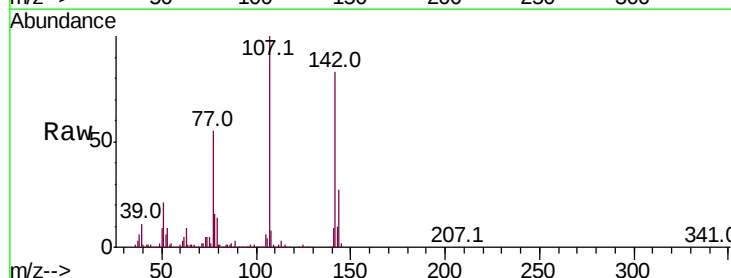


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

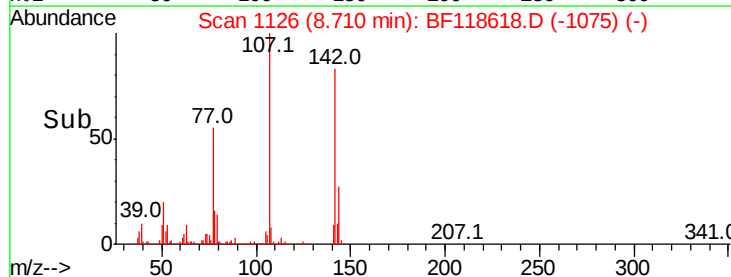
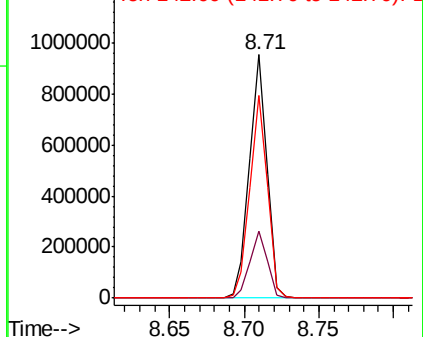


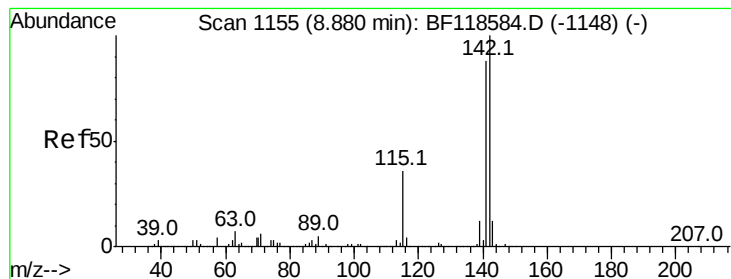
#36
 4-Chloro-3-methylphenol
 Concen: 38.428 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

Tgt Ion:107 Resp: 777467
 Ion Ratio Lower Upper
 107 100
 144 27.3 21.8 32.8
 142 83.4 66.5 99.7



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

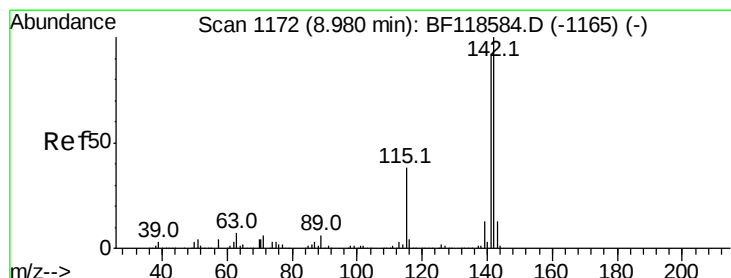
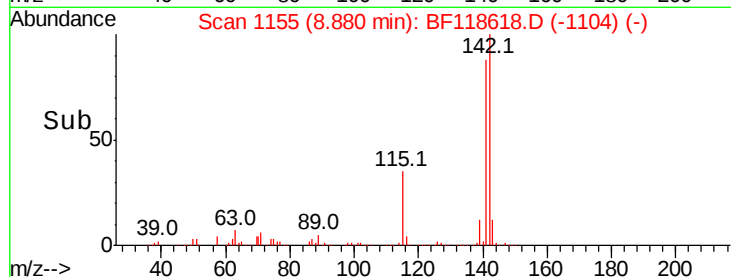
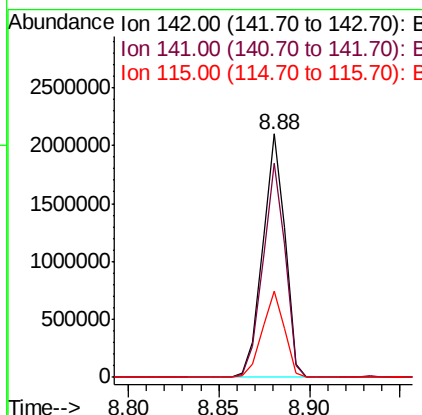
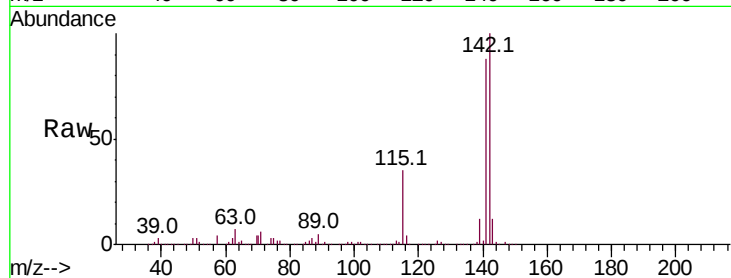




#37
 2-Methylnaphthalene
 Concen: 41.010 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

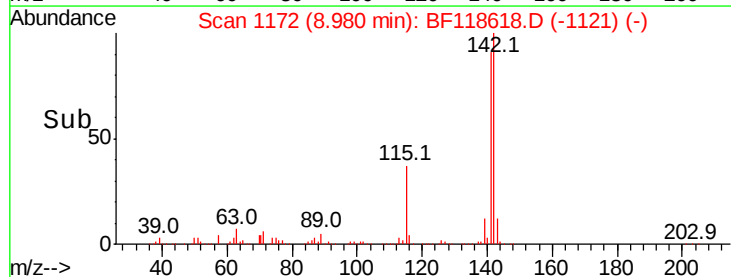
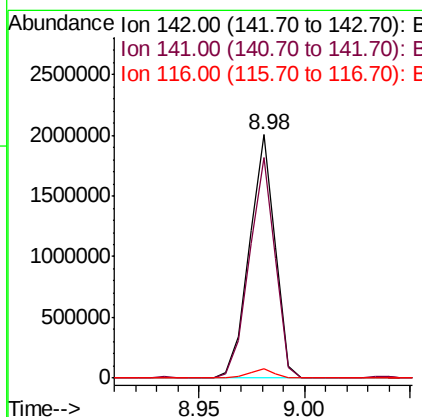
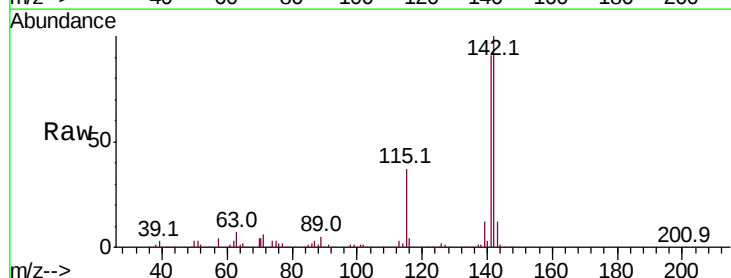
Instrument :
 BNA_F
 ClientSampleId :

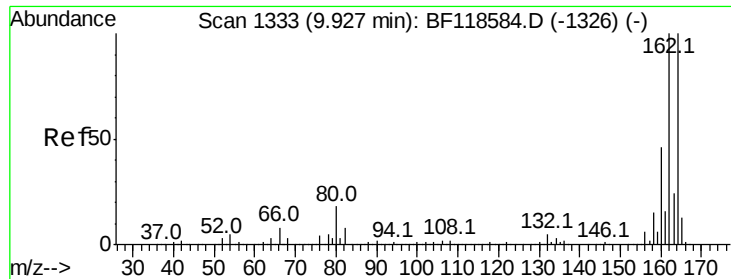
Tot Ion:142 Resp: 1797841
 Ion Ratio Lower Upper
 142 100
 141 87.8 70.7 106.1
 115 35.4 28.5 42.7



#38
 1-Methylnaphthalene
 Concen: 40.621 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

Tgt Ion:142 Resp: 1691818
 Ion Ratio Lower Upper
 142 100
 141 90.6 73.4 110.2
 116 3.8 3.3 4.9

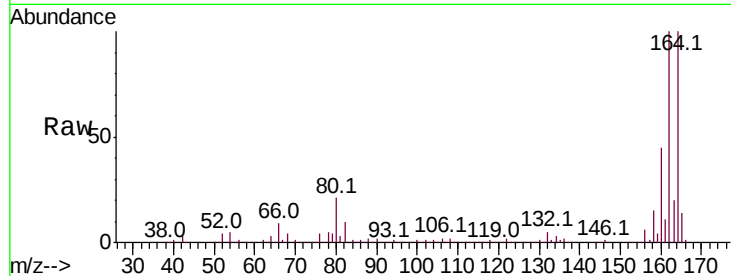




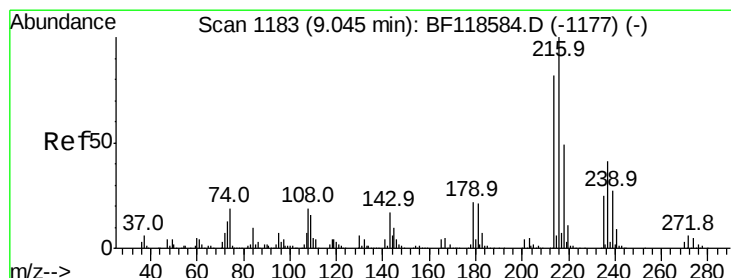
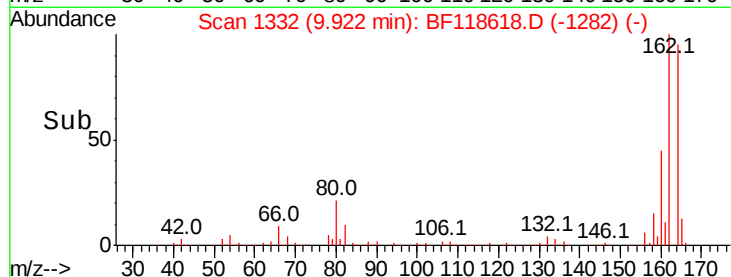
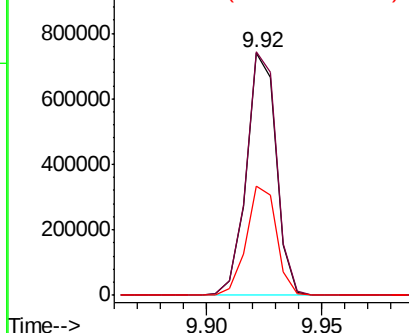
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 666300
Ion Ratio Lower Upper
164 100
162 100.5 80.4 120.6
160 45.0 36.6 55.0

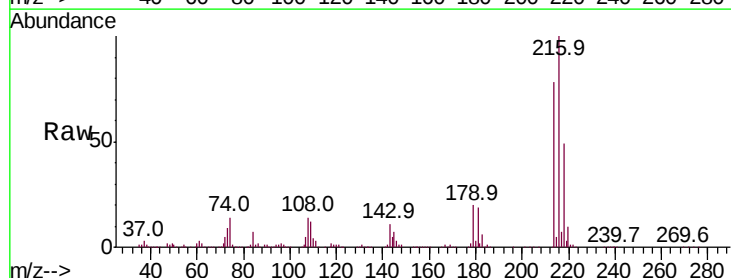


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

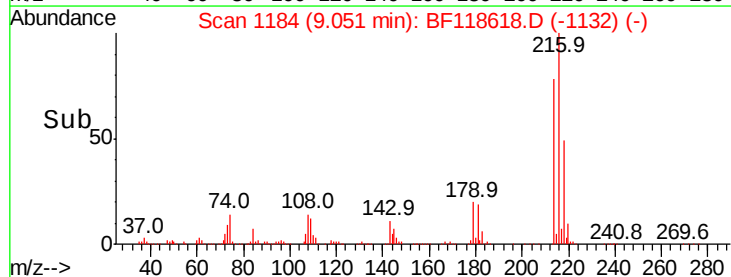
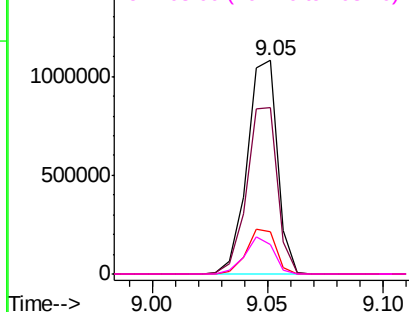


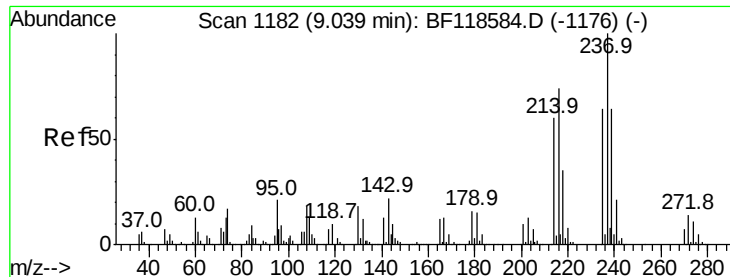
#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.492 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion:216 Resp: 990127
Ion Ratio Lower Upper
216 100
214 78.7 64.2 96.2
179 20.5 16.6 25.0
108 16.6 14.4 21.6



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 8.789 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

ClientSampleId :

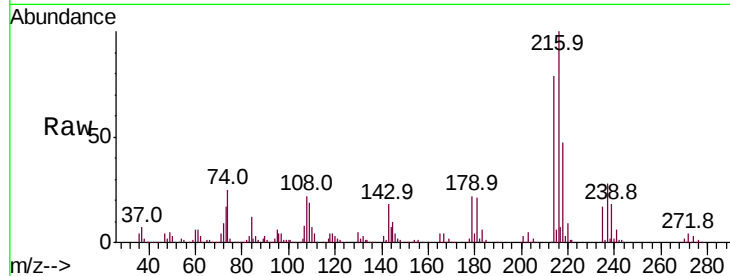
Tot Ion:237 Resp: 92452

Ion Ratio Lower Upper

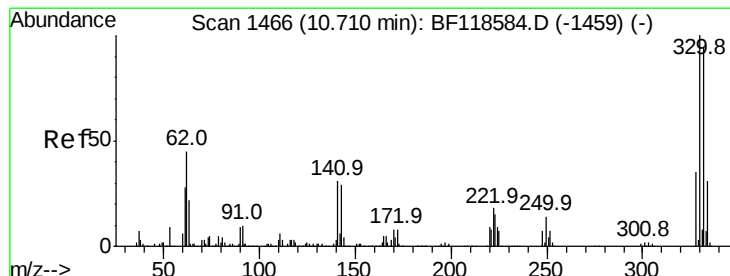
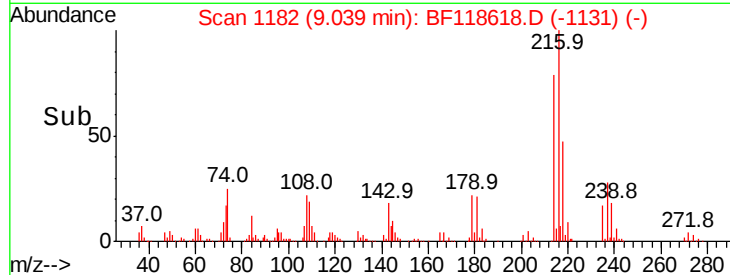
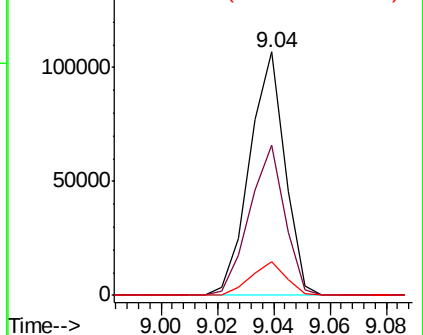
237 100

235 61.7 44.0 84.0

272 14.0 0.0 34.0



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 78.267 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

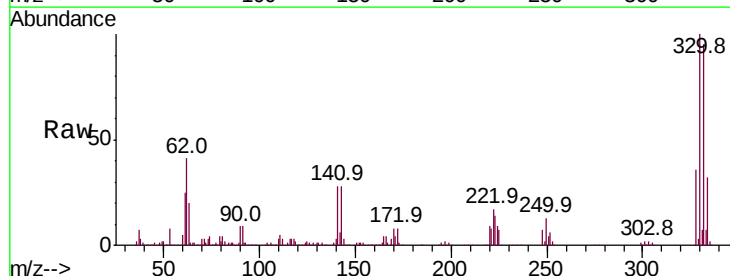
Tgt Ion:330 Resp: 603176

Ion Ratio Lower Upper

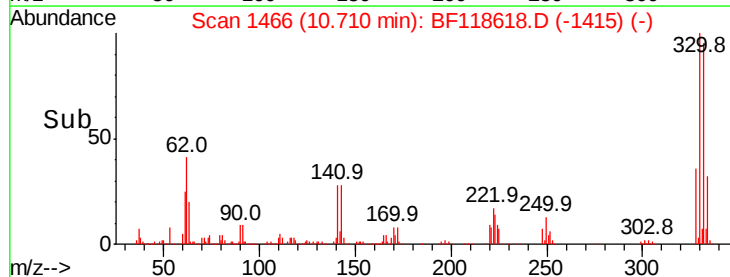
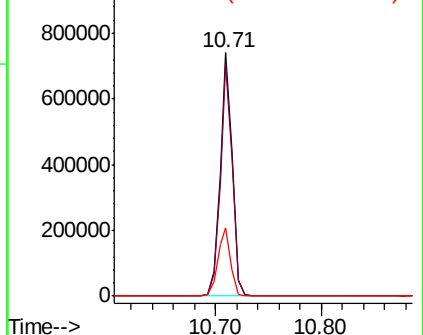
330 100

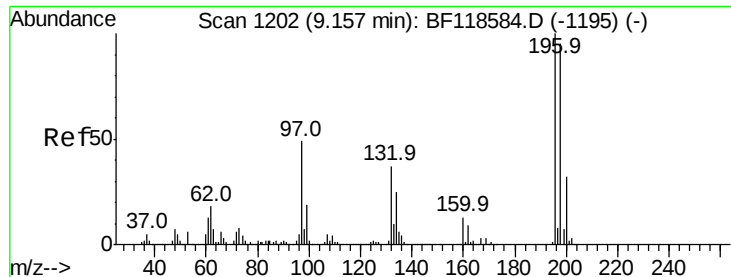
332 94.5 76.2 114.4

141 29.5 23.9 35.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

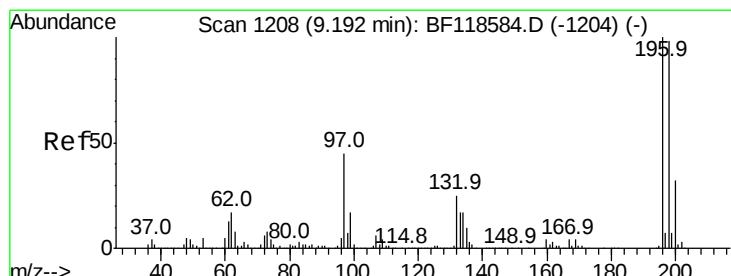
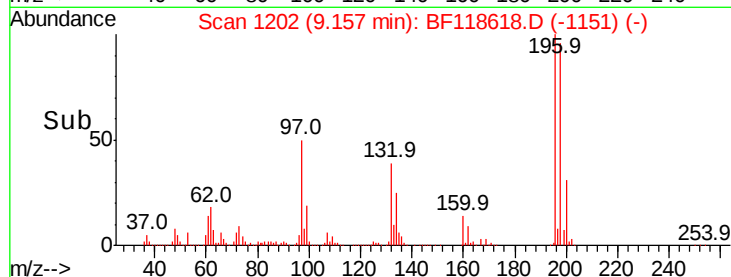
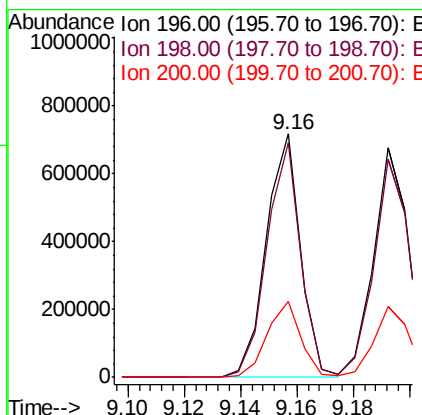
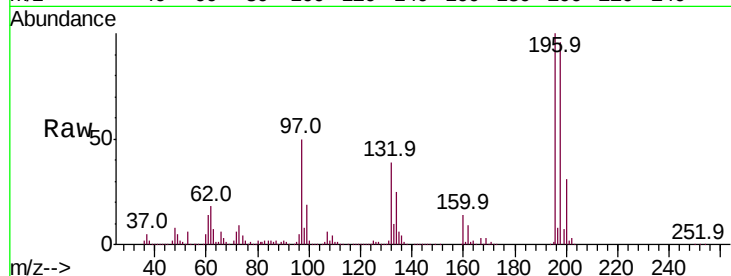




#43
 2,4,6-Trichlorophenol
 Concen: 43.583 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

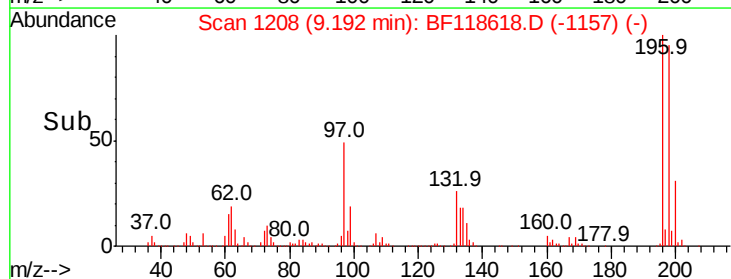
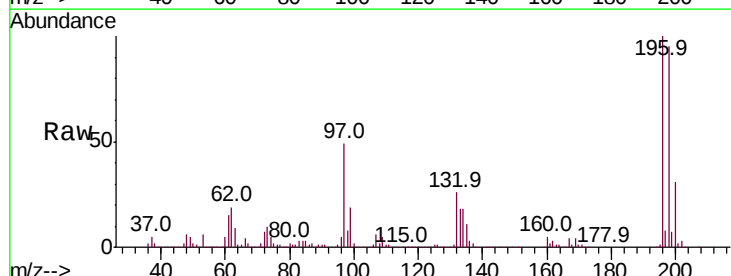
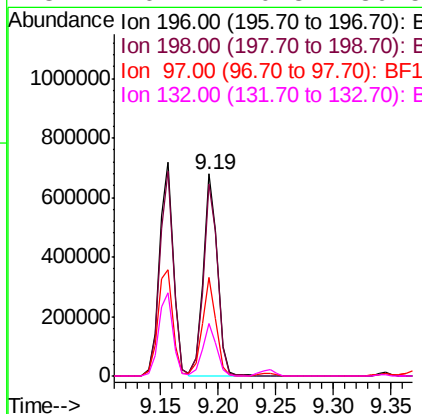
Instrument :
 BNA_F
 ClientSampled :

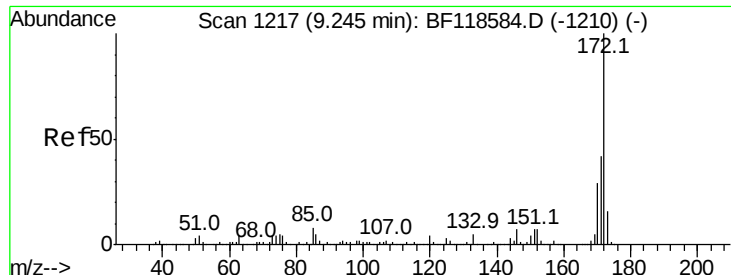
Tot Ion	196	Resp	602948
Ion Ratio	Lower	Upper	
196	100		
198	96.2	76.3	114.5
200	31.2	25.4	38.2



#44
 2,4,5-Trichlorophenol
 Concen: 41.476 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

Tgt Ion	196	Resp	586020
Ion Ratio	Lower	Upper	
196	100		
198	95.0	78.3	117.5
97	49.0	35.9	53.9
132	26.2	20.3	30.5



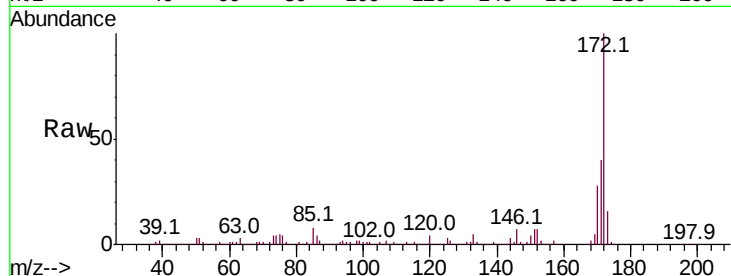


#45
 2-Fluorobiphenyl
 Concen: 87.901 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

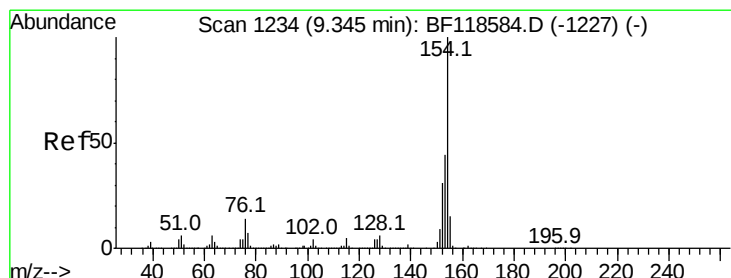
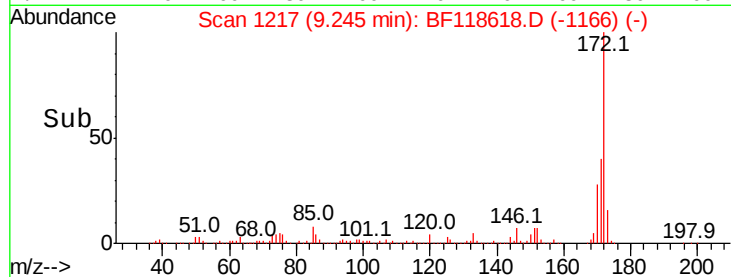
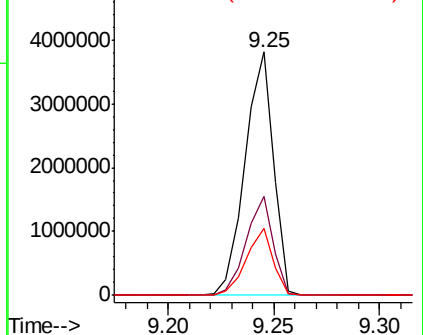
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 3563371

Ion	Ratio	Lower	Upper
172	100		
171	40.4	33.4	50.2
170	27.7	23.2	34.8



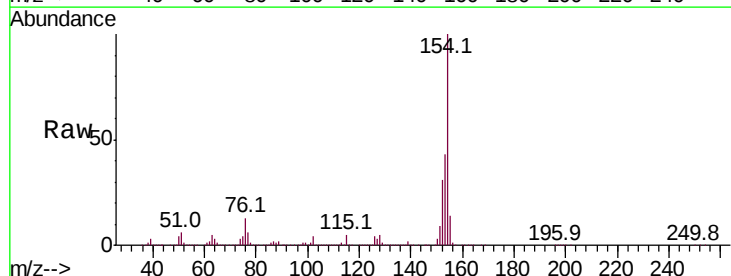
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



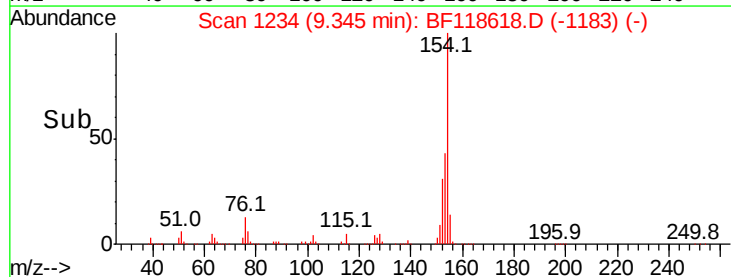
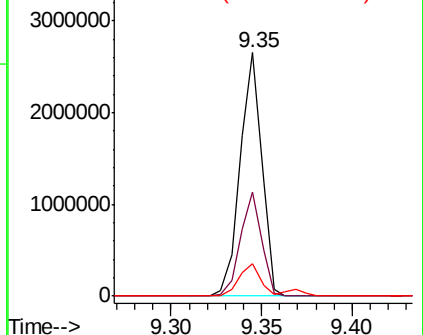
#46
 1,1'-Biphenyl
 Concen: 47.856 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

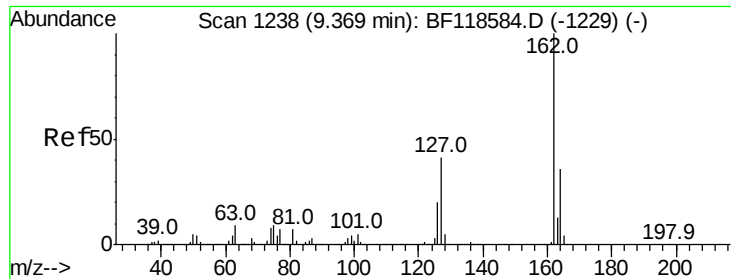
Tgt Ion:154 Resp: 2197627

Ion	Ratio	Lower	Upper
154	100		
153	42.9	23.8	63.8
76	13.2	0.0	34.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

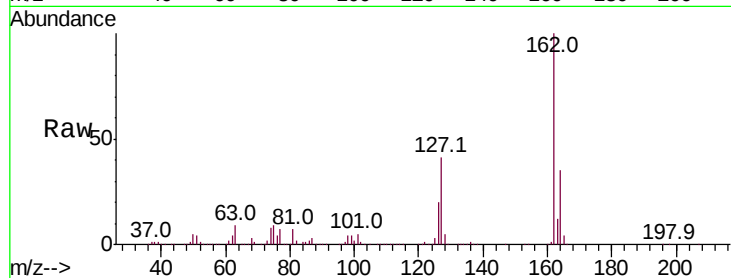




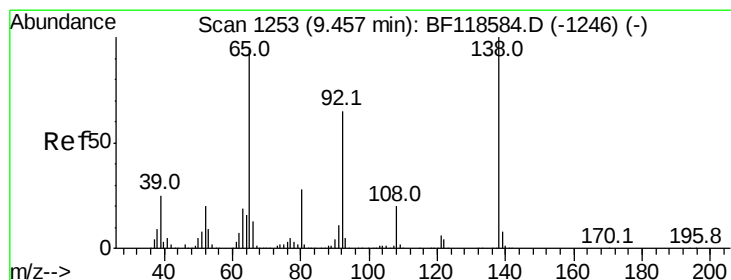
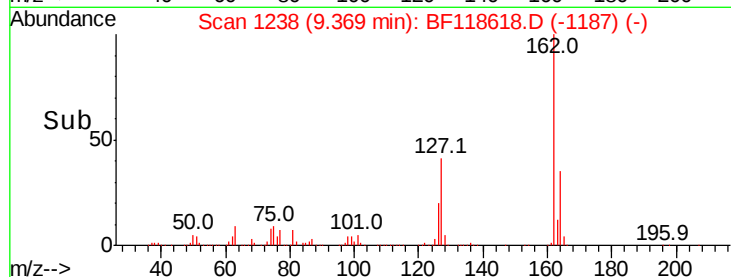
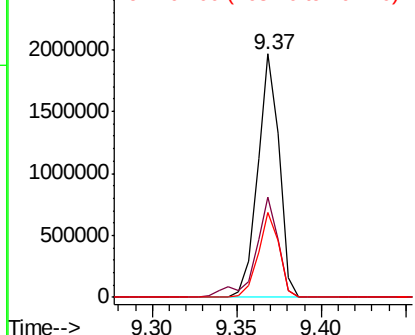
#47
2-Chloronaphthalene
Concen: 44.857 ng
RT: 9.37 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1736222
Ion Ratio Lower Upper
162 100
127 41.2 33.0 49.6
164 35.1 28.6 42.8

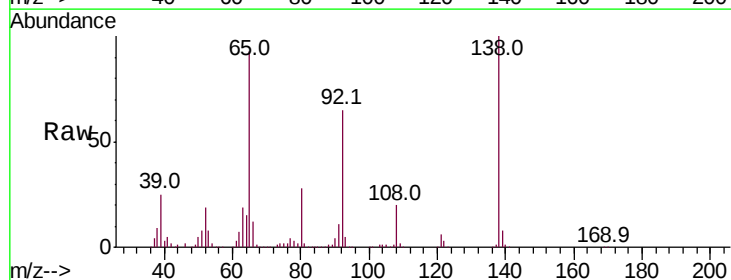


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

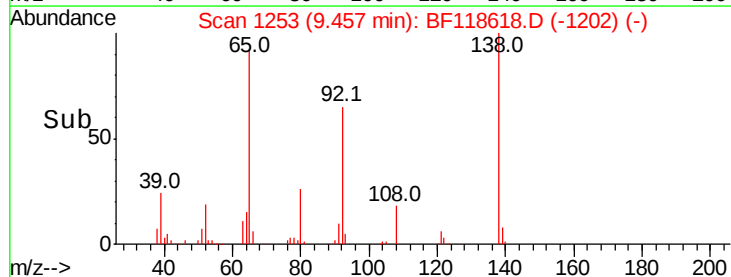
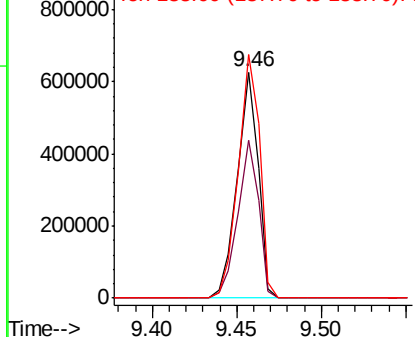


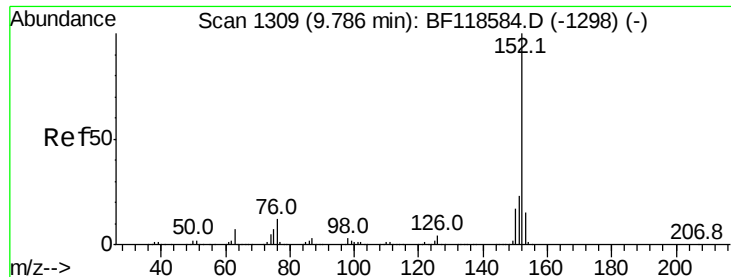
#48
2-Nitroaniline
Concen: 45.144 ng
RT: 9.46 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion: 65 Resp: 537135
Ion Ratio Lower Upper
65 100
92 69.9 55.4 83.0
138 107.6 85.0 127.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.731 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

ClientSampleId :

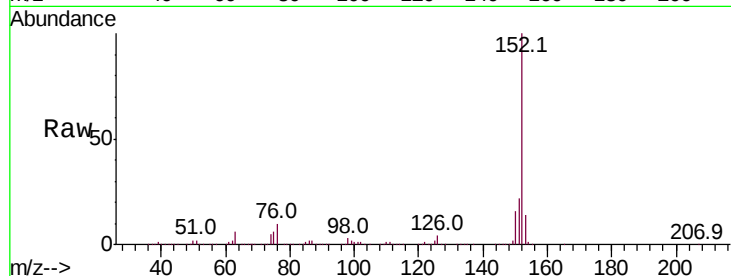
Tot Ion:152 Resp: 2381193

Ion Ratio Lower Upper

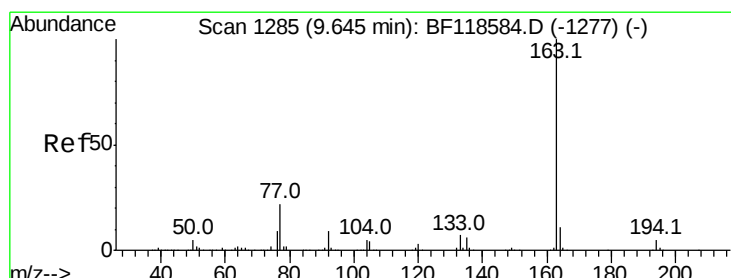
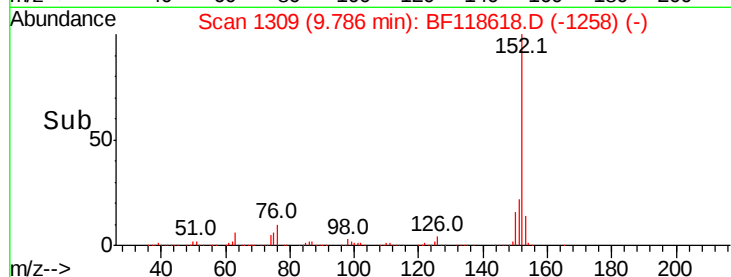
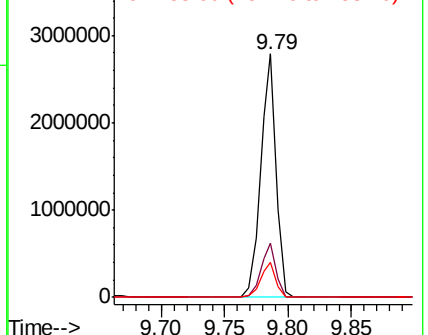
152 100

151 22.0 18.6 27.8

153 14.4 12.2 18.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.769 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

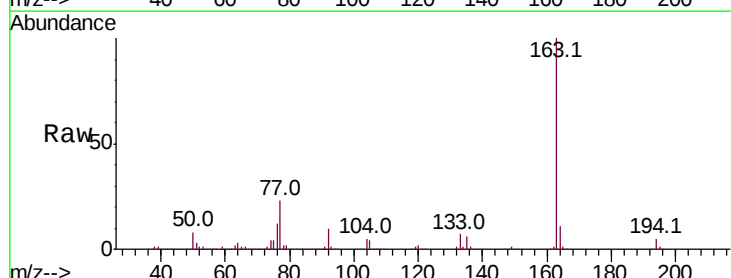
Tgt Ion:163 Resp: 2030261

Ion Ratio Lower Upper

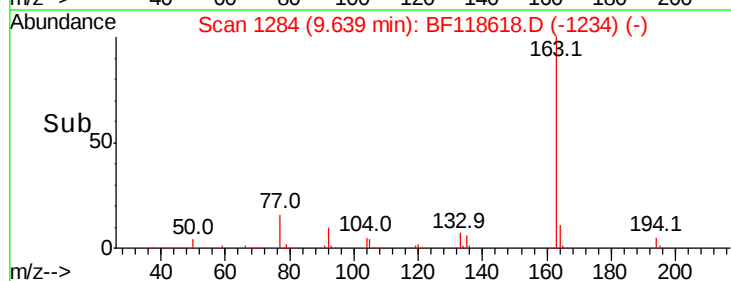
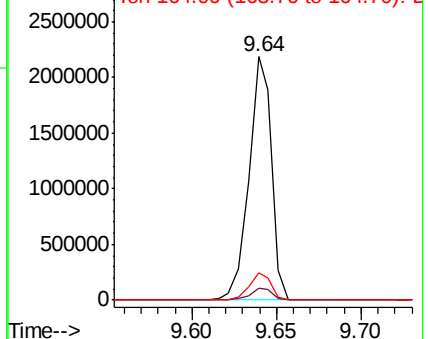
163 100

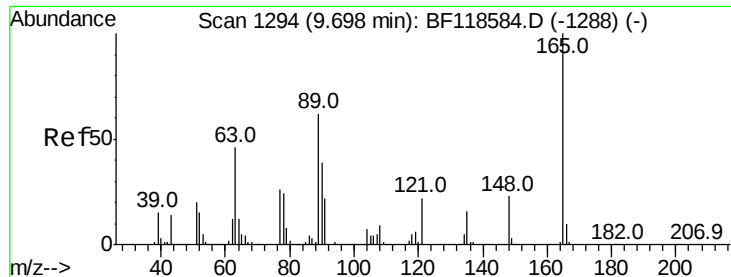
194 4.7 3.9 5.9

164 11.5 9.1 13.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

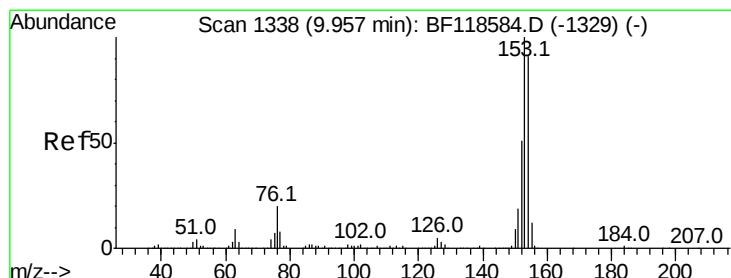
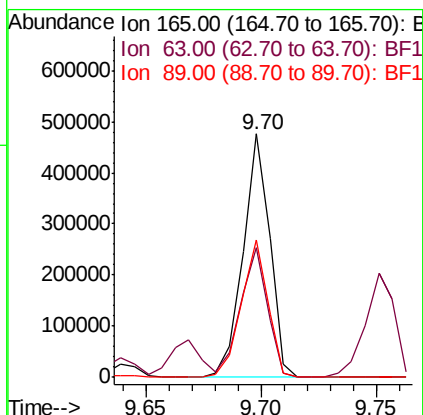
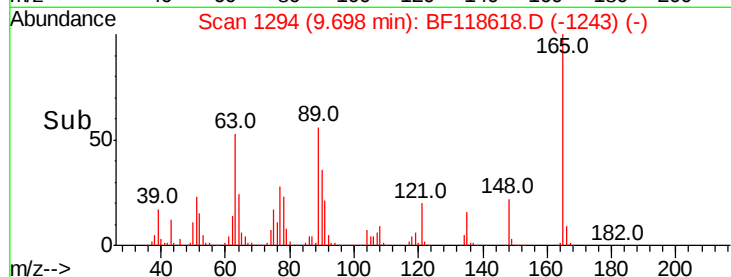
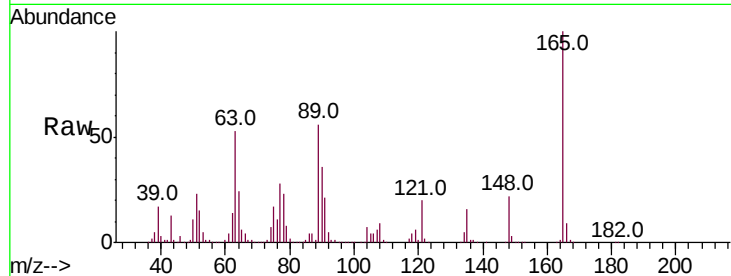




#51
2,6-Dinitrotoluene
Concen: 39.522 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

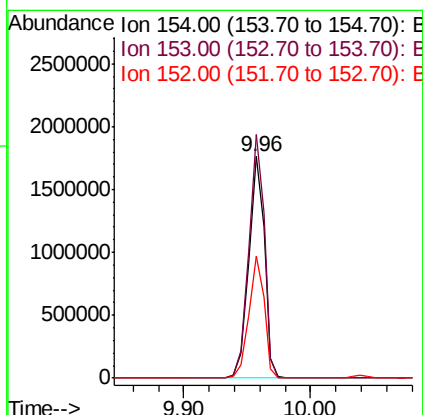
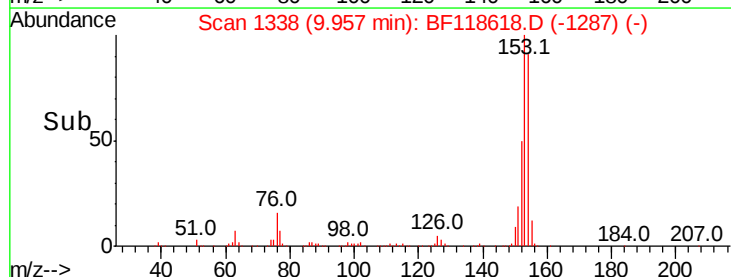
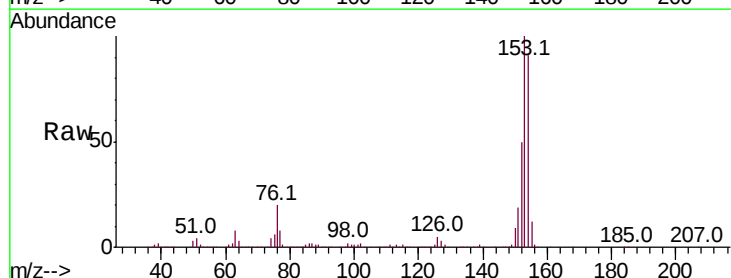
Instrument :
BNA_F
ClientSampleId :

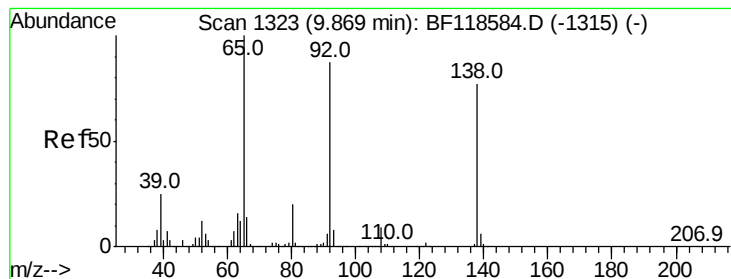
Tot Ion:165 Resp: 384186
Ion Ratio Lower Upper
165 100
63 53.1 48.9 73.3
89 56.4 49.8 74.6



#52
Acenaphthene
Concen: 41.307 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion:154 Resp: 1504019
Ion Ratio Lower Upper
154 100
153 110.0 87.6 131.4
152 55.4 44.4 66.6





#53

3-Nitroaniline

Concen: 45.011 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

ClientSampleId :

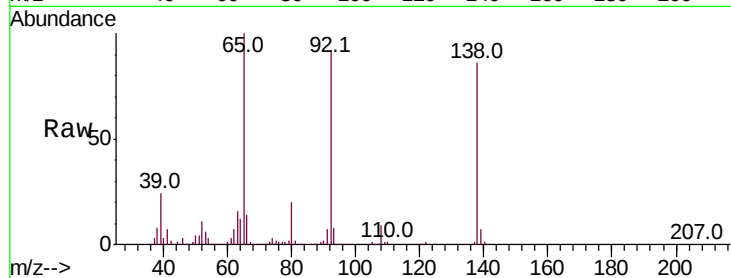
Tot Ion:138 Resp: 499615

Ion Ratio Lower Upper

138 100

108 10.3 9.6 14.4

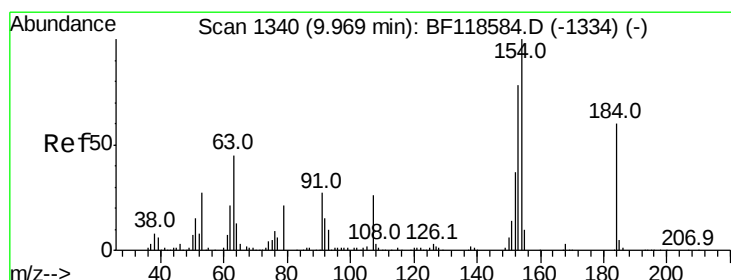
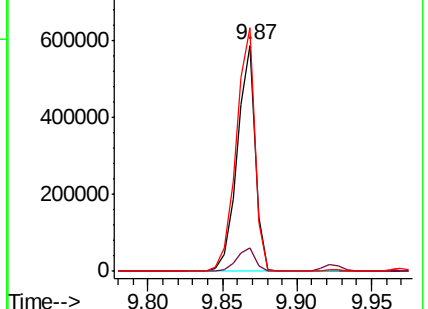
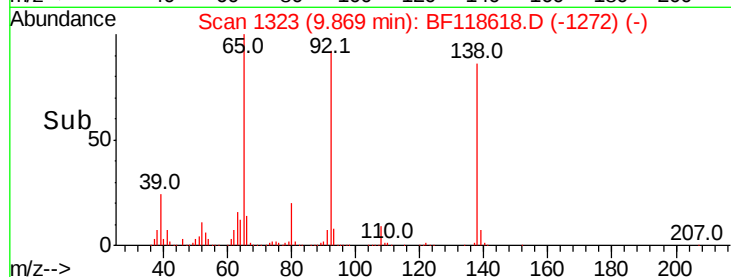
92 107.6 90.6 136.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 5.973 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

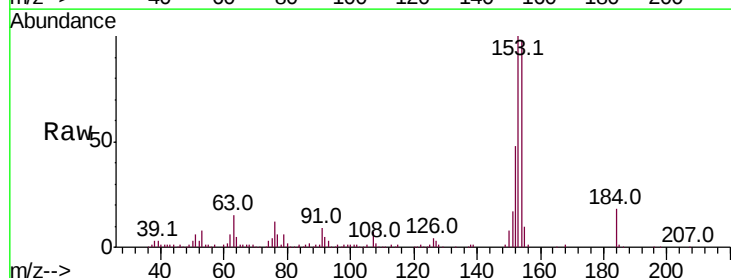
Tgt Ion:184 Resp: 23180

Ion Ratio Lower Upper

184 100

63 86.6 60.6 90.8

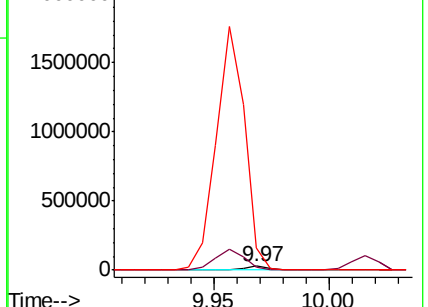
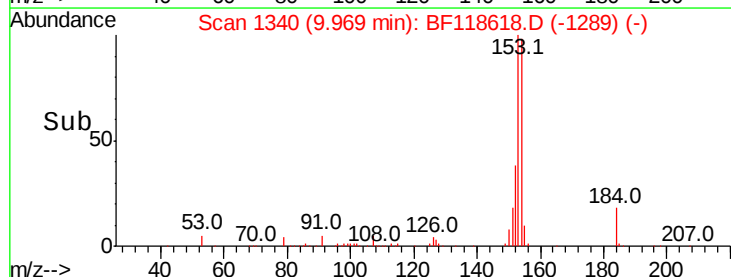
154 550.9 137.3 205.9#

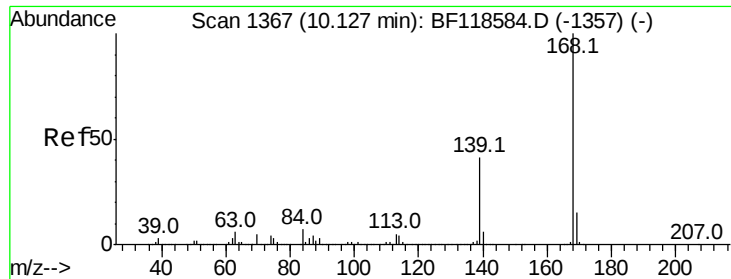


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

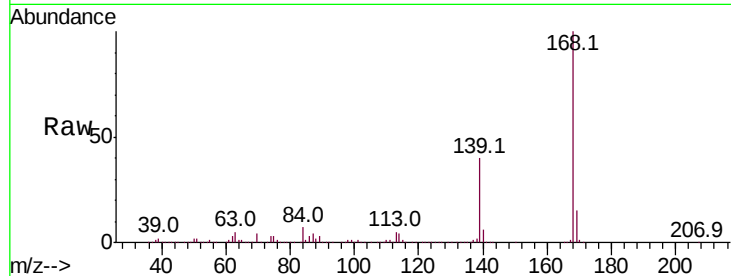




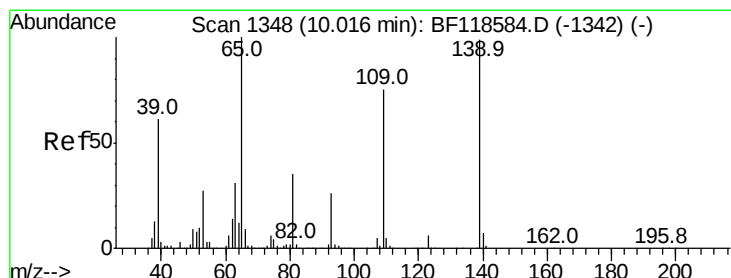
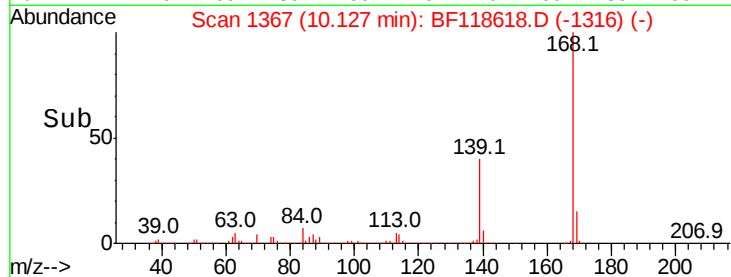
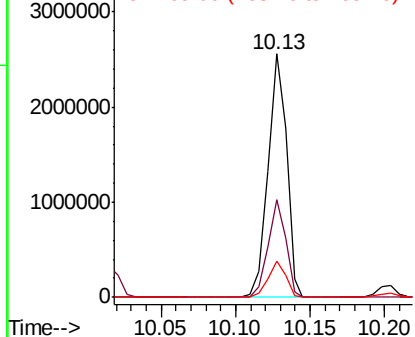
#55
Dibenzofuran
Concen: 43.050 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2172214
Ion Ratio Lower Upper
168 100
139 40.0 32.7 49.1
169 15.1 12.2 18.2

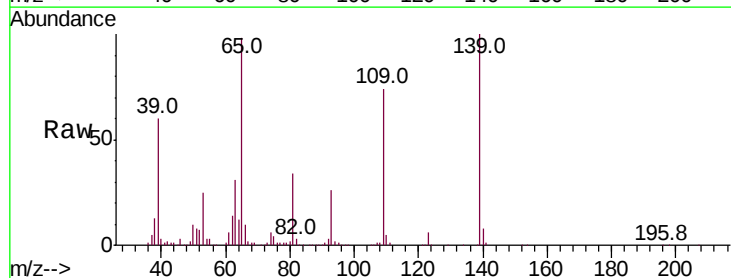


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

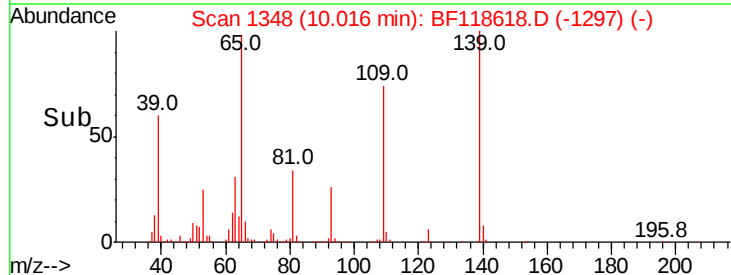
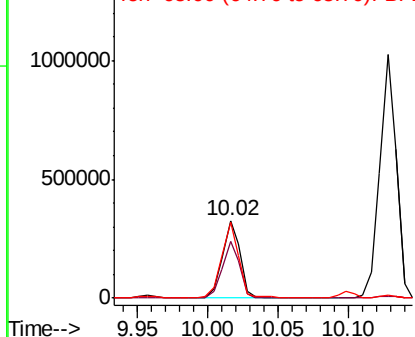


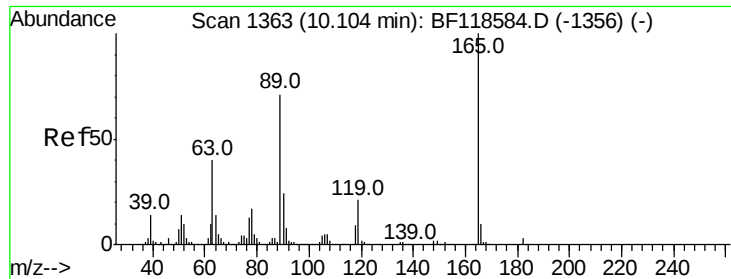
#56
4-Nitrophenol
Concen: 33.882 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion:139 Resp: 283911
Ion Ratio Lower Upper
139 100
109 73.6 56.0 96.0
65 98.4 81.4 121.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

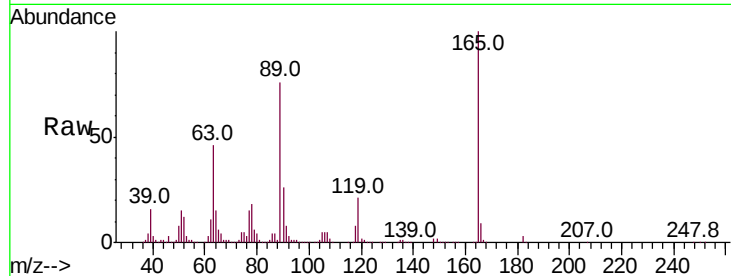




#57
2,4-Dinitrotoluene
Concen: 36.097 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.0	32.4	48.6
89	75.7	56.4	84.6
182	2.6	2.3	3.5



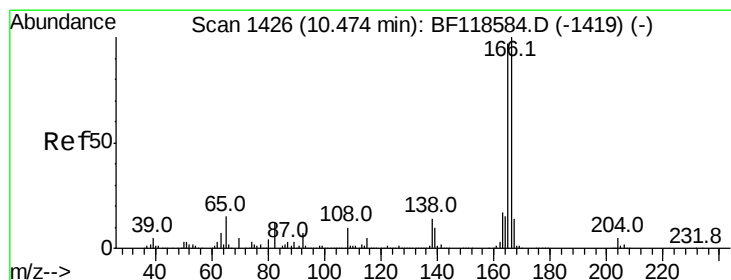
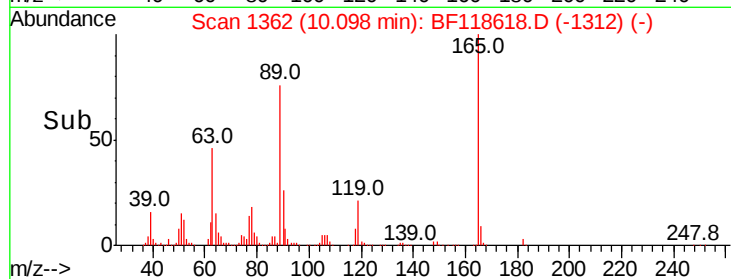
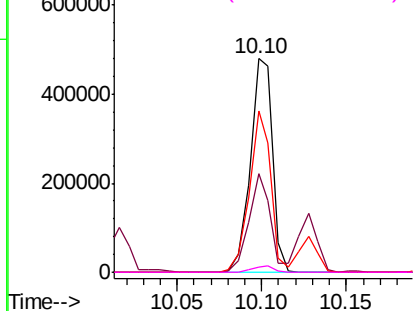
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

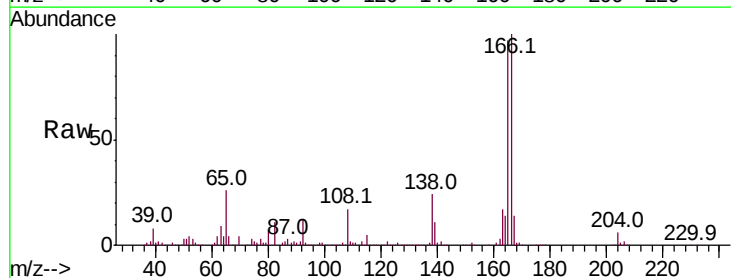
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.681 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.3	115.9
167	13.8	11.5	17.3

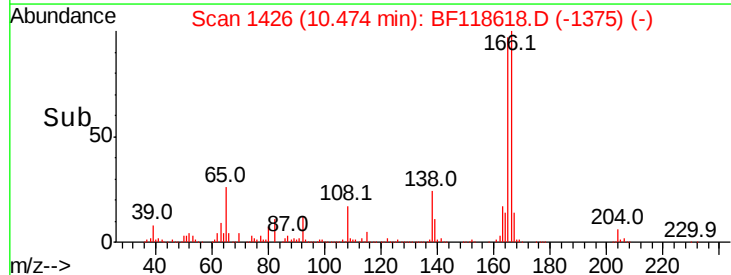
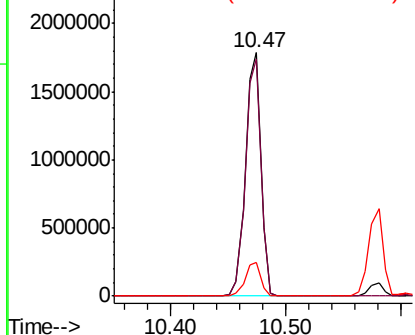


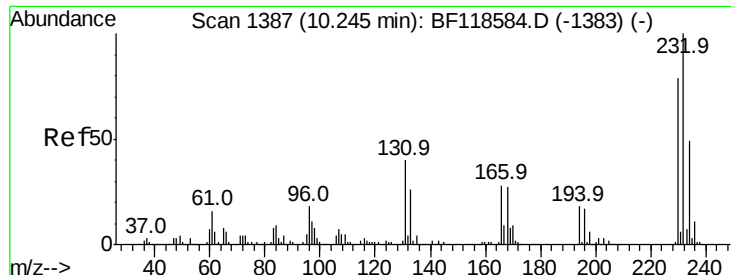
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

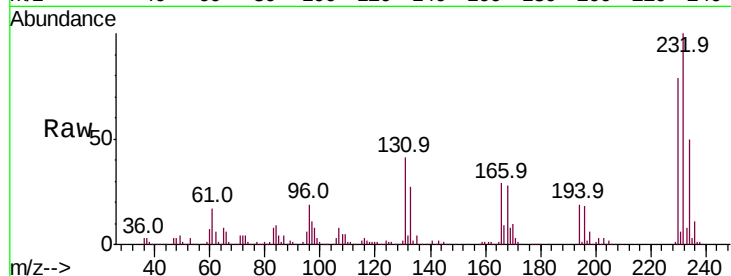




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.440 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.0	33.2	49.8
130	2.1	1.8	2.6
166	29.1	22.6	33.8



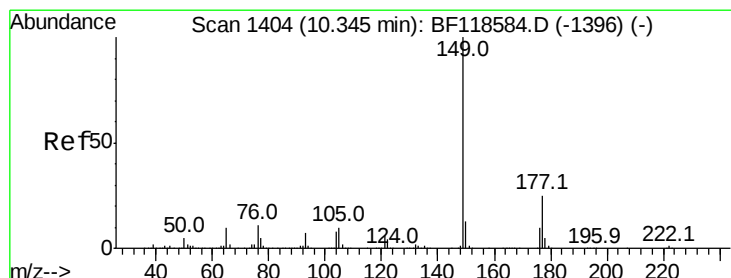
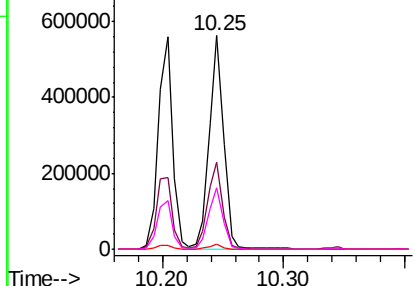
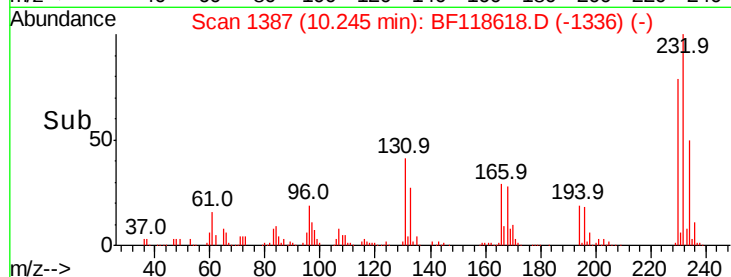
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

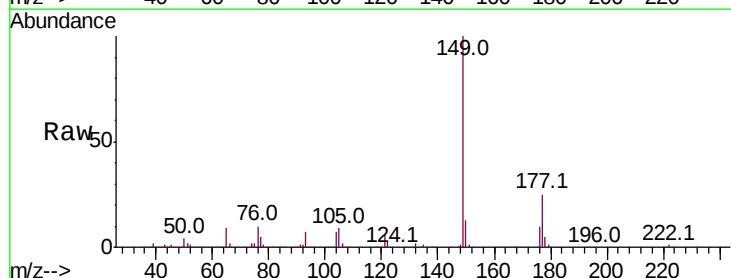
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 46.572 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.0	20.0	30.0
150	12.9	10.6	16.0

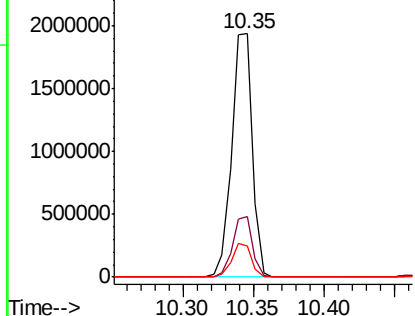
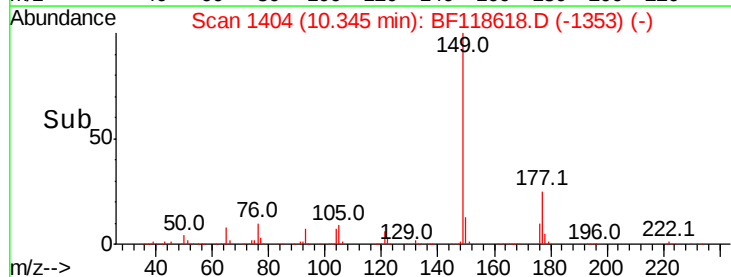


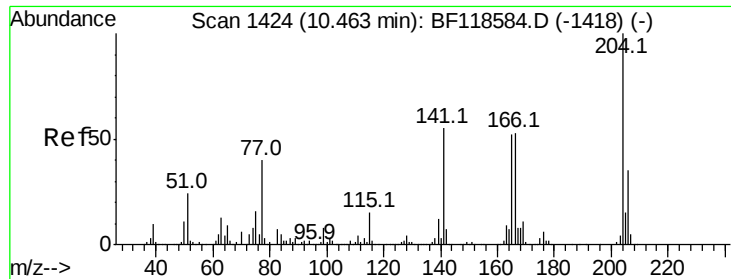
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

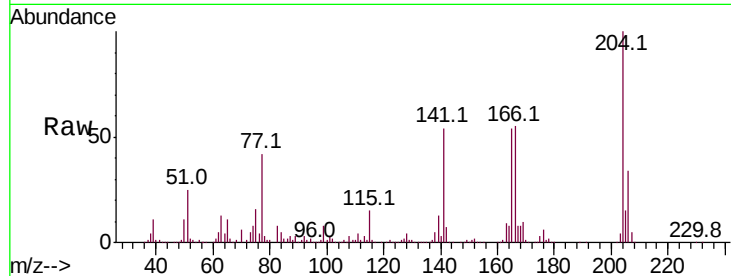




#61
4-Chlorophenyl-phenylether
Concen: 43.832 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	27.8	41.6
141	54.5	43.7	65.5

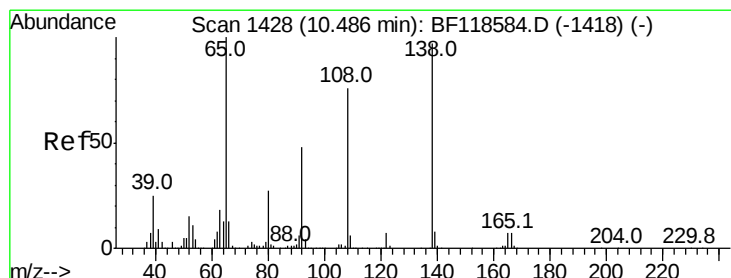
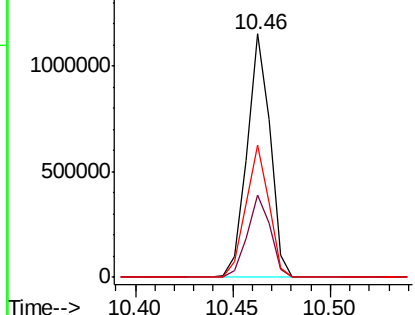
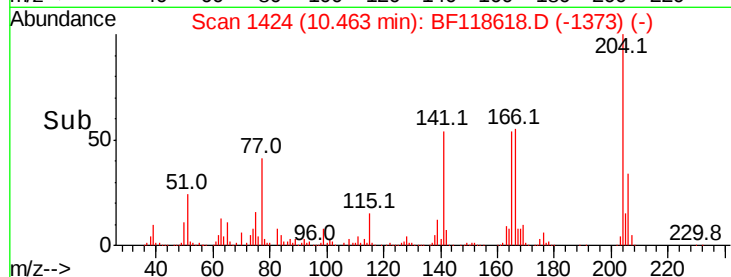


Abundance

Ion 204.00 (203.70 to 204.70): E

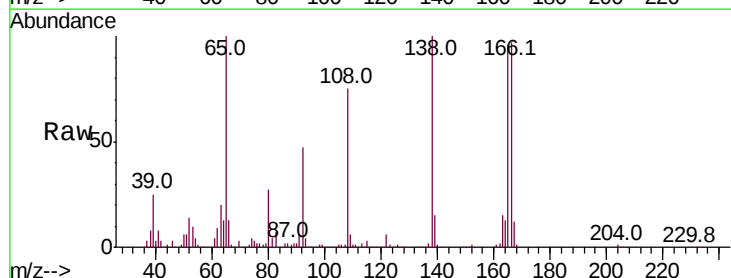
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.890 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.2	29.4	69.4
108	74.9	58.2	98.2

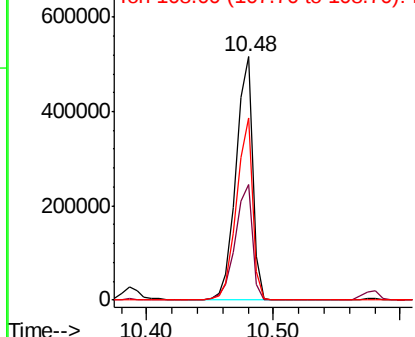
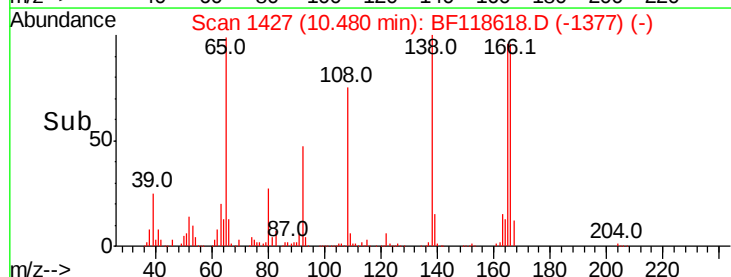


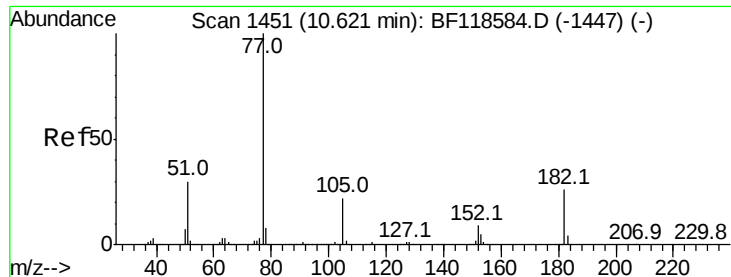
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 42.089 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

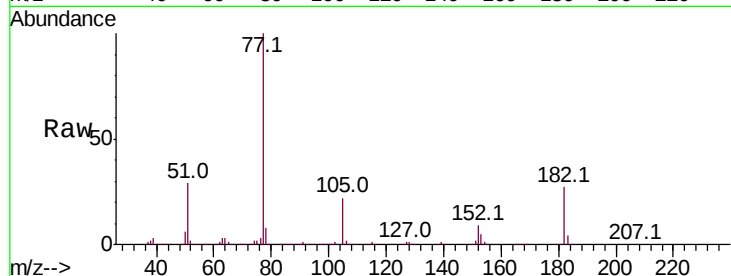
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1715639

Ion	Ratio	Lower	Upper
77	100		
182	27.4	5.6	45.6
105	22.0	2.0	42.0
51	28.9	10.2	50.2



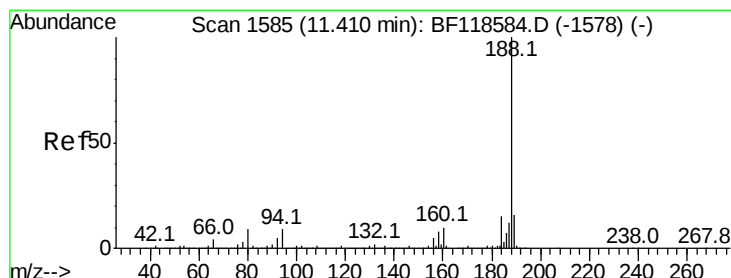
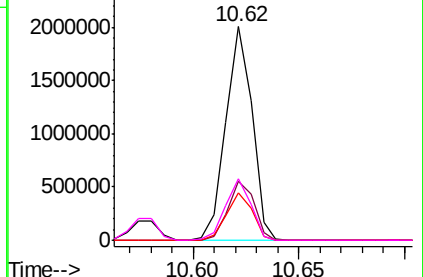
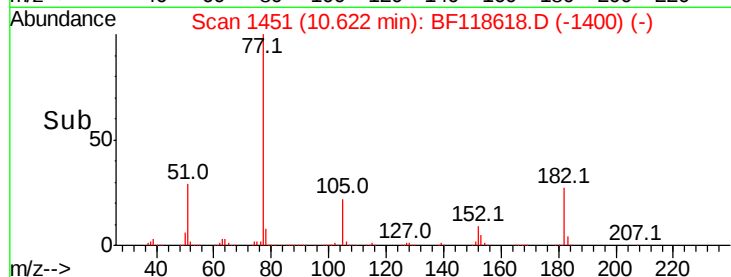
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

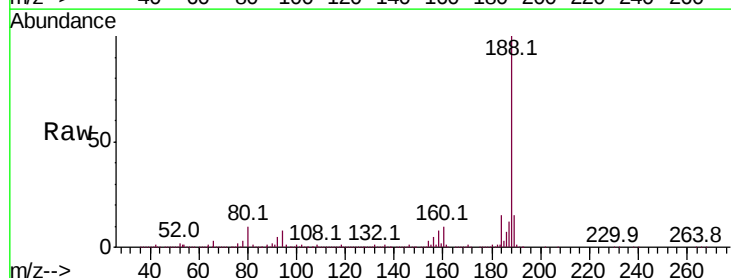
Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Tgt Ion: 188 Resp: 1056832

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	10.0	7.5	11.3

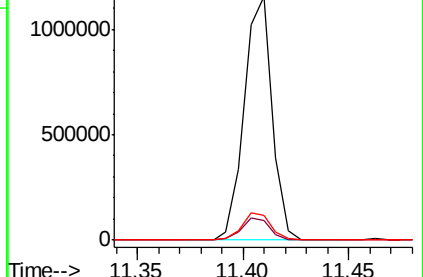
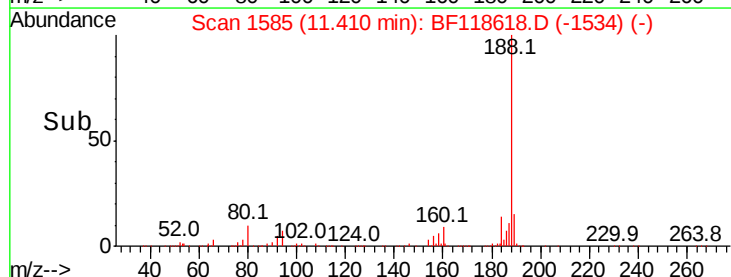


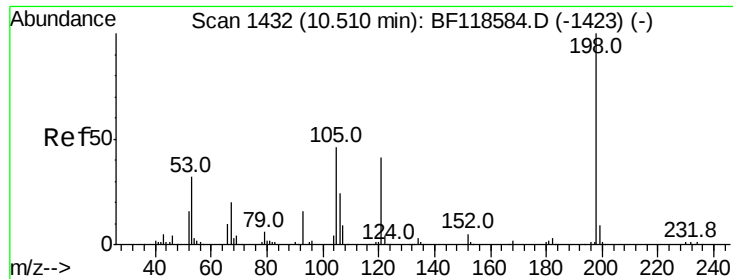
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

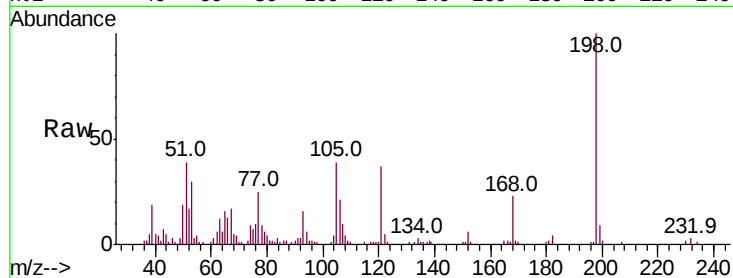




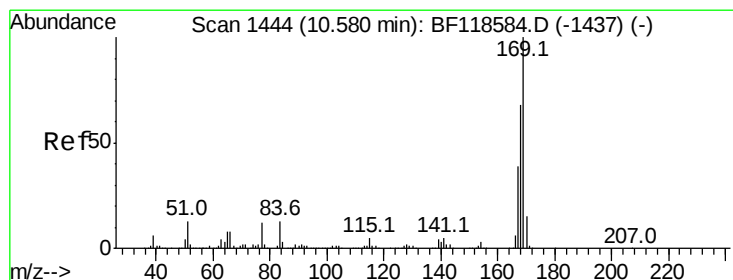
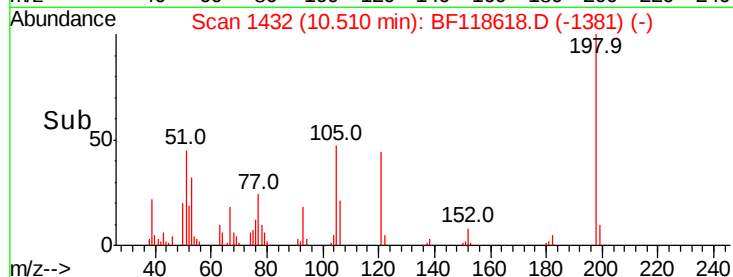
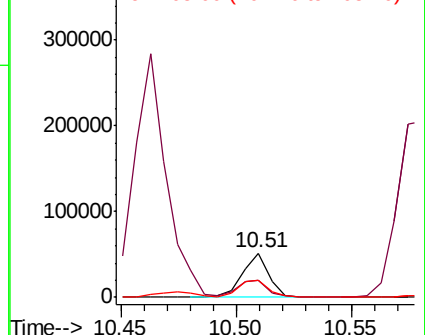
#65
4,6-Dinitro-2-methylphenol
Concen: 8.849 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 41124
Ion Ratio Lower Upper
198 100
51 38.8 25.2 65.2
105 39.3 26.3 66.3

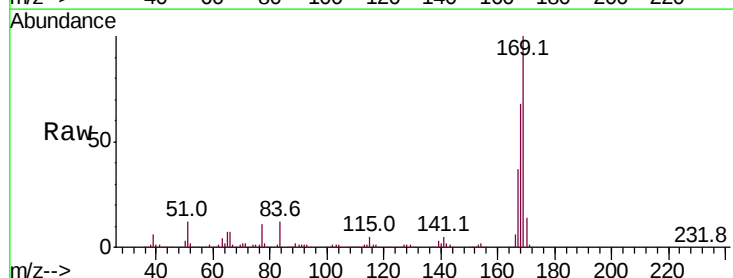


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

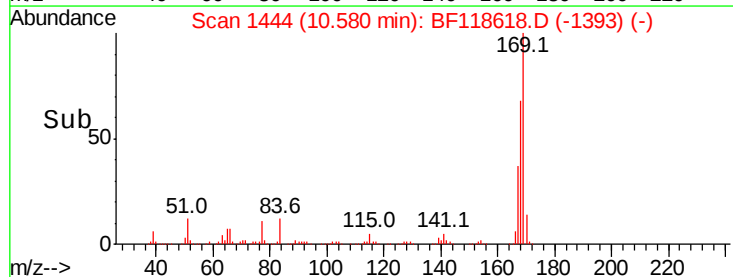
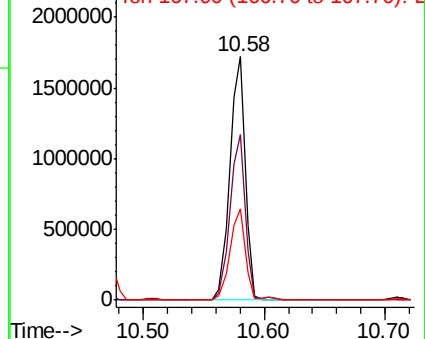


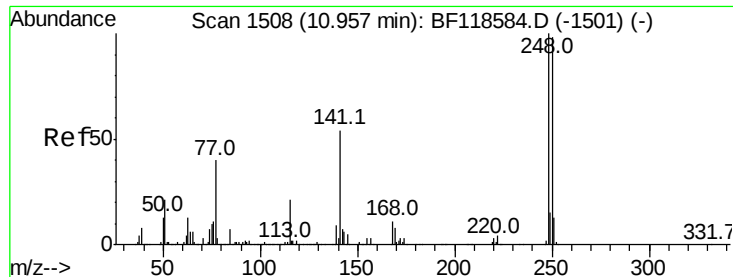
#66
n-Nitrosodiphenylamine
Concen: 47.816 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion:169 Resp: 1523983
Ion Ratio Lower Upper
169 100
168 67.9 54.6 82.0
167 37.2 30.9 46.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 46.325 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

ClientSampled :

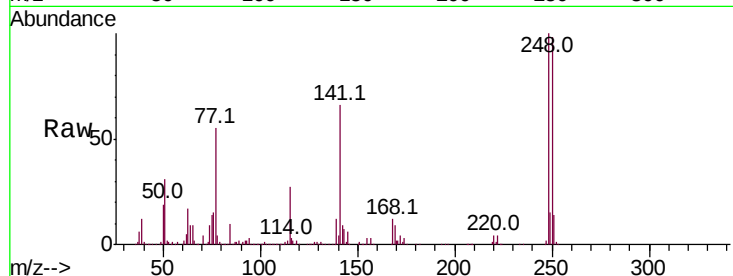
Tot Ion:248 Resp: 604855

Ion Ratio Lower Upper

248 100

250 97.7 78.7 118.1

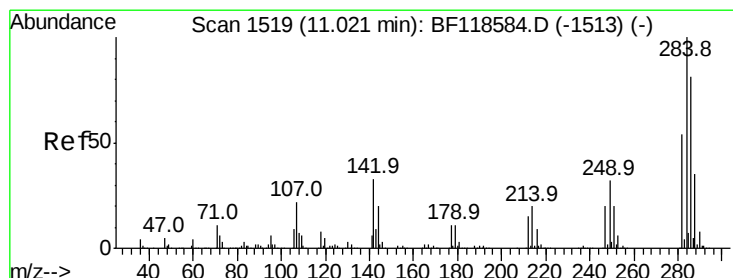
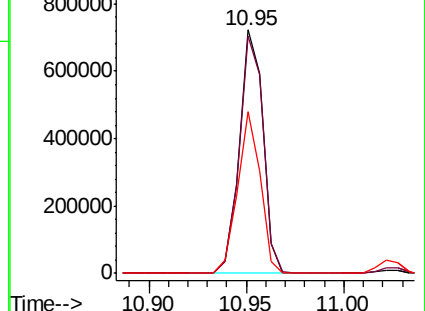
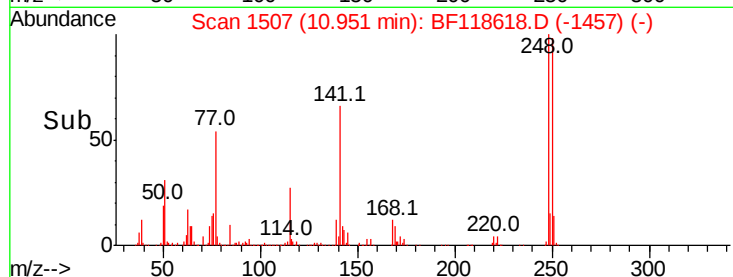
141 66.5 43.2 64.8#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 43.079 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

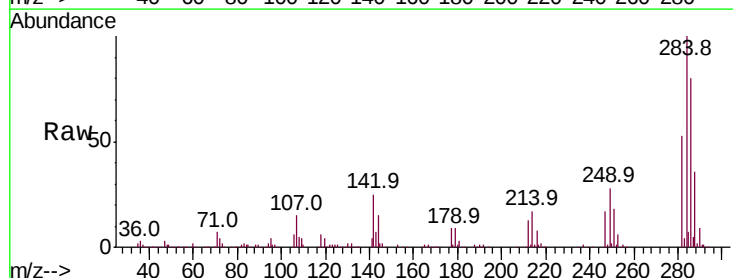
Tgt Ion:284 Resp: 637694

Ion Ratio Lower Upper

284 100

142 25.5 26.6 39.8#

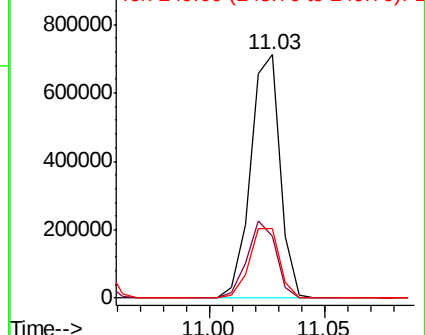
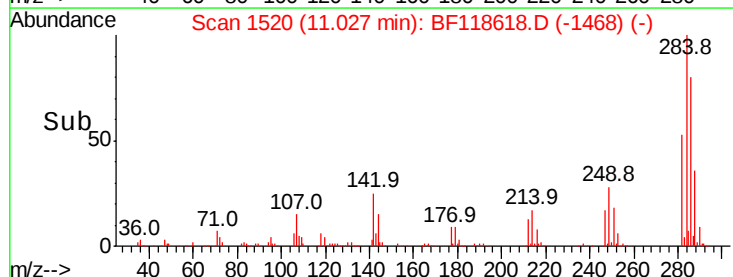
249 28.4 25.2 37.8

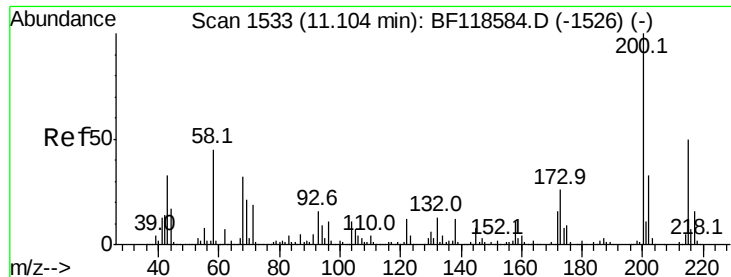


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

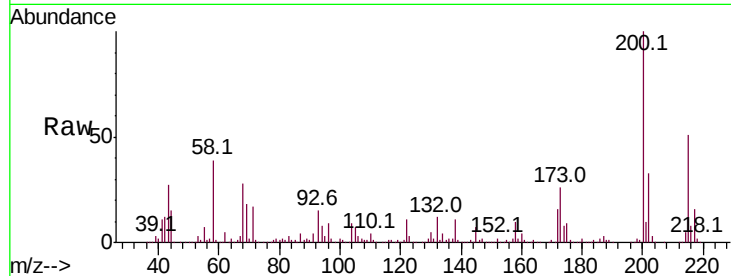




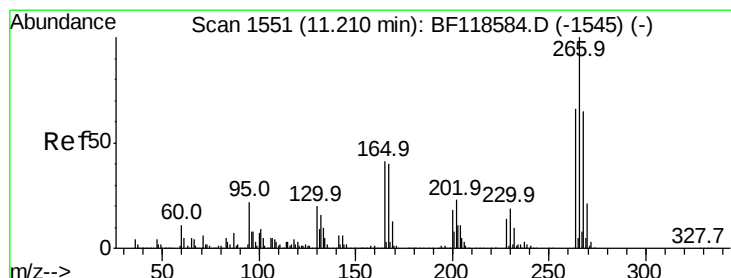
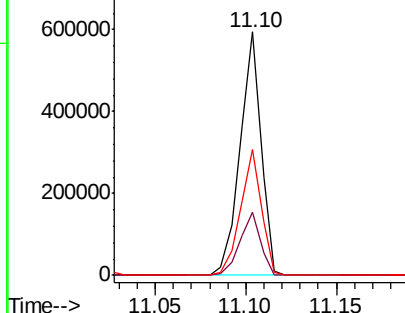
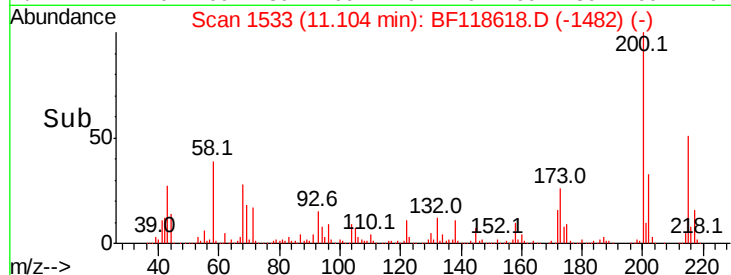
#69
Atrazine
Concen: 43.341 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 478775
Ion Ratio Lower Upper
200 100
173 25.7 6.3 46.3
215 51.5 30.2 70.2

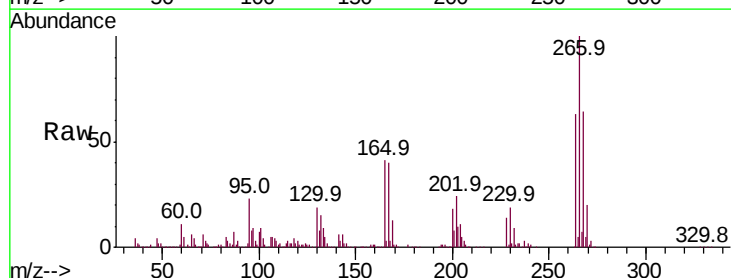


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

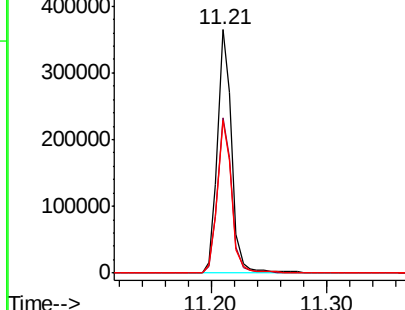
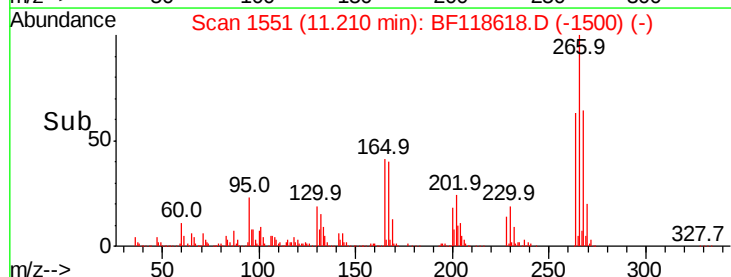


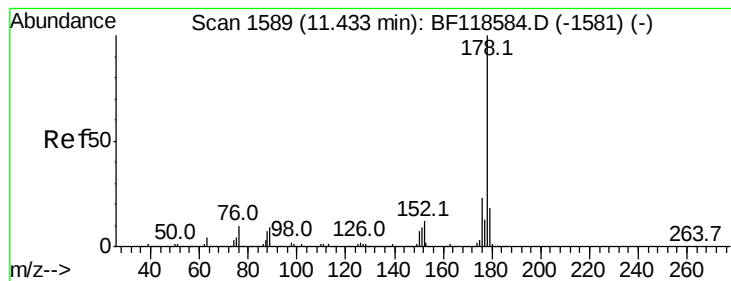
#70
Pentachlorophenol
Concen: 38.214 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion:266 Resp: 314508
Ion Ratio Lower Upper
266 100
268 63.8 52.1 78.1
264 62.5 52.4 78.6



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.404 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

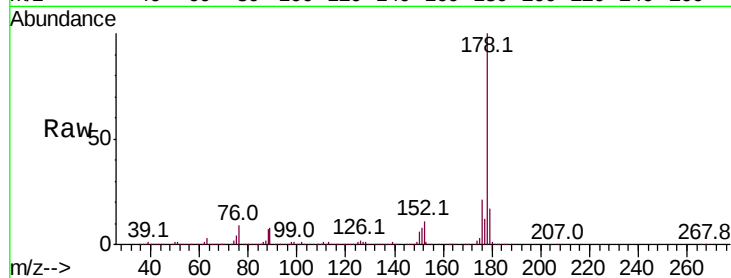
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 2263966

Ion	Ratio	Lower	Upper
178	100		
176	21.4	18.6	27.8
179	16.9	14.7	22.1

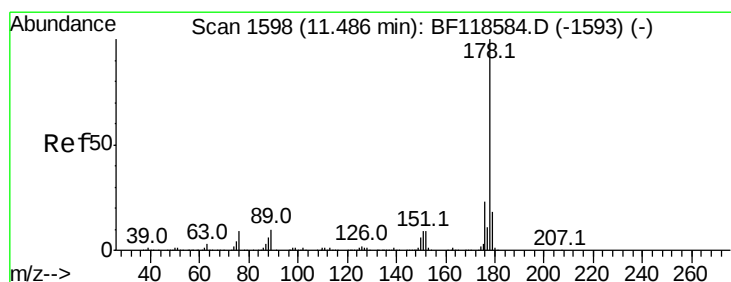
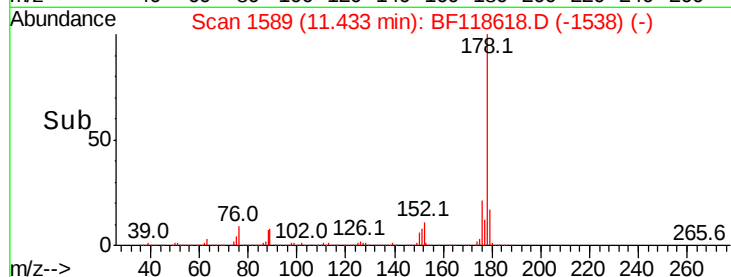
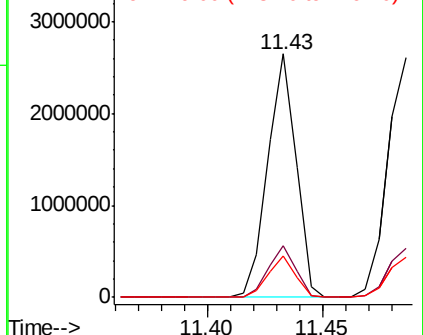


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.781 ng

RT: 11.49 min Scan# 1598

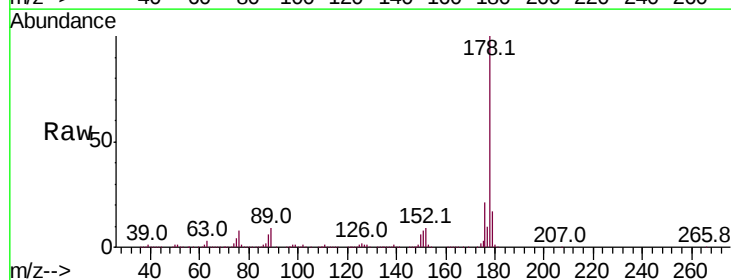
Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Tgt Ion:178 Resp: 2259188

Ion	Ratio	Lower	Upper
178	100		
176	20.7	18.0	27.0
179	17.0	14.7	22.1

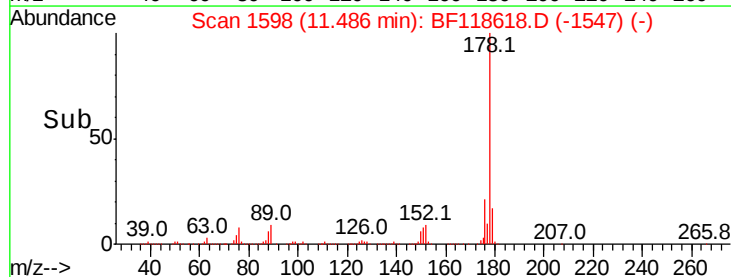
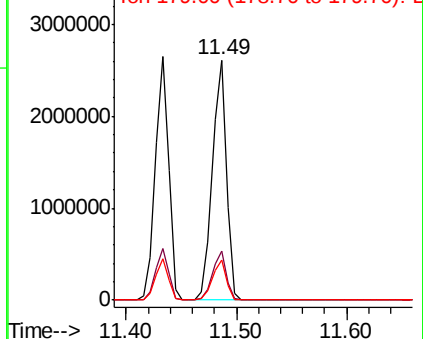


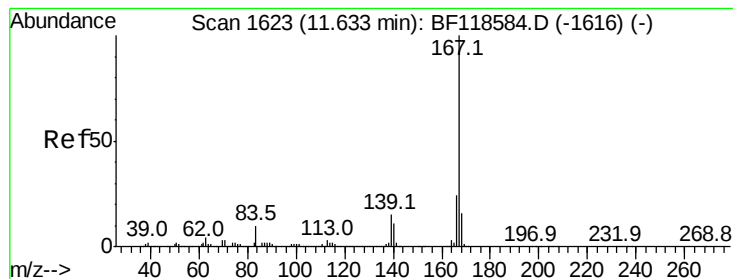
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.535 ng

RT: 11.63 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

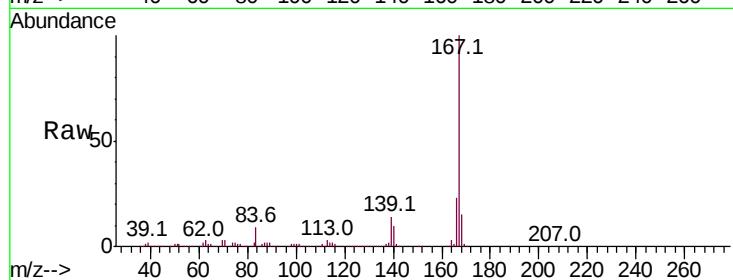
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 2014587

Ion	Ratio	Lower	Upper
167	100		
166	22.9	19.4	29.2
139	13.6	11.7	17.5

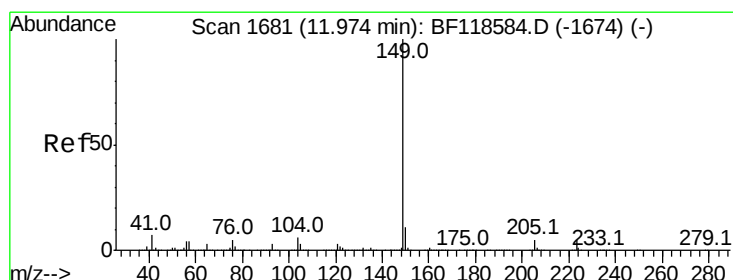
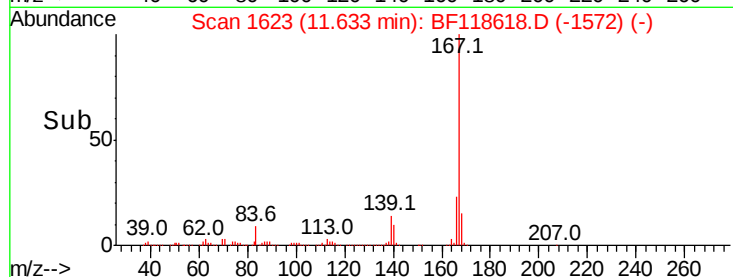
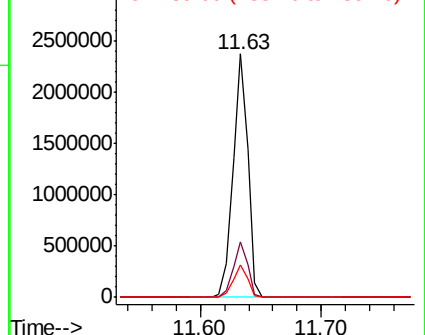


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 52.420 ng

RT: 11.97 min Scan# 1680

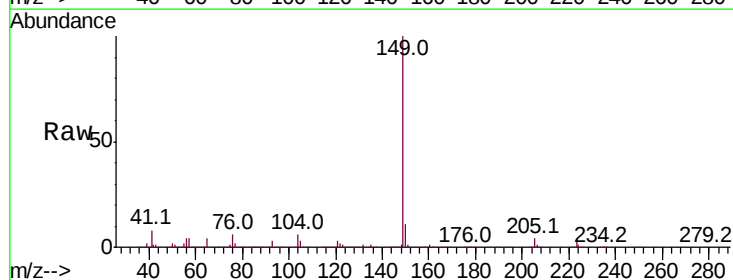
Delta R.T. -0.01 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Tgt Ion:149 Resp: 2695038

Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.7	13.1
104	5.7	4.6	6.8

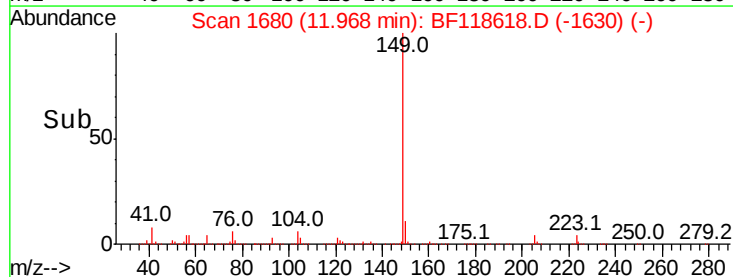
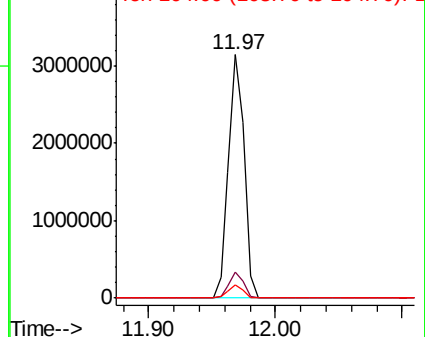


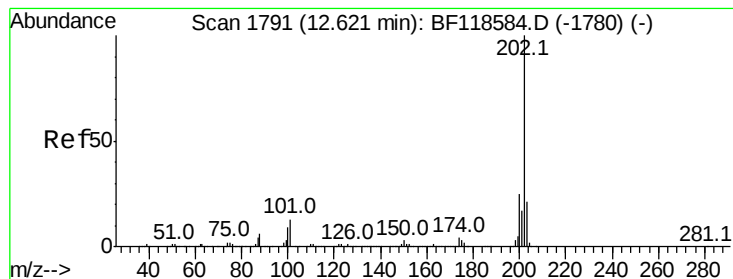
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.492 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

ClientSampleId :

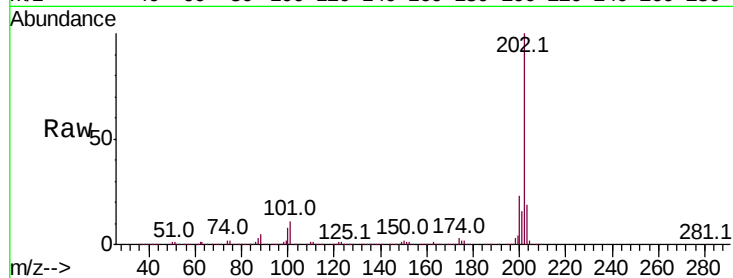
Tot Ion:202 Resp: 2338824

Ion Ratio Lower Upper

202 100

101 11.0 0.0 32.5

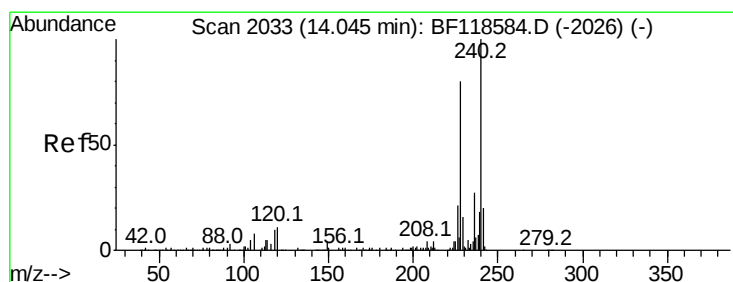
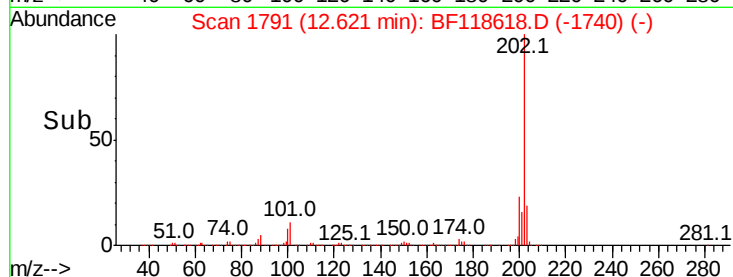
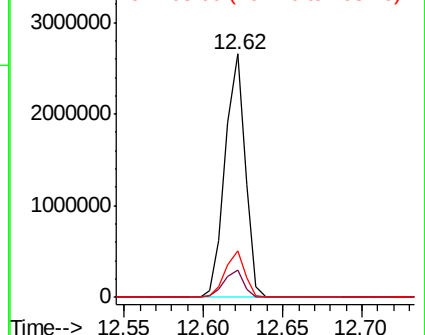
203 19.2 0.8 40.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

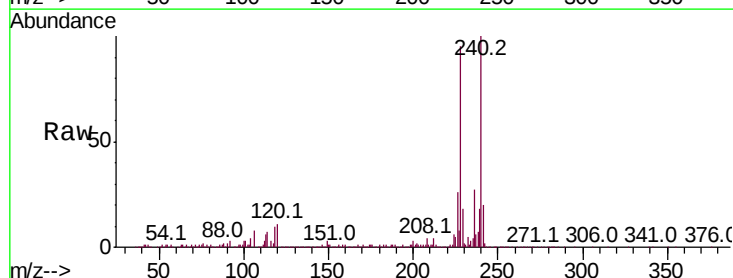
Tgt Ion:240 Resp: 840150

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

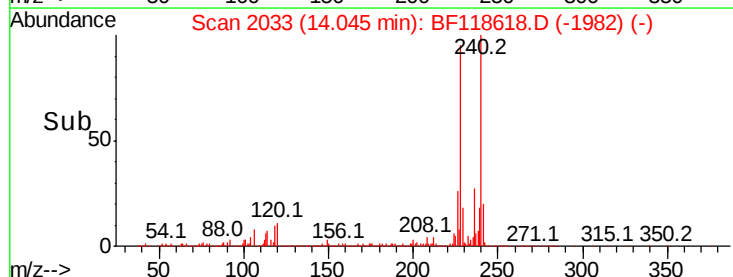
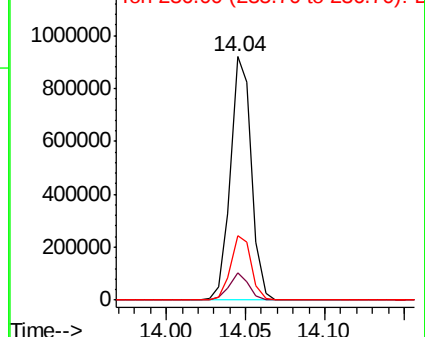
236 26.7 21.5 32.3

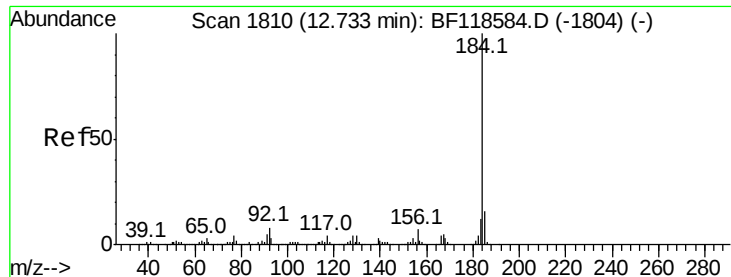


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 63.380 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

ClientSampleId :

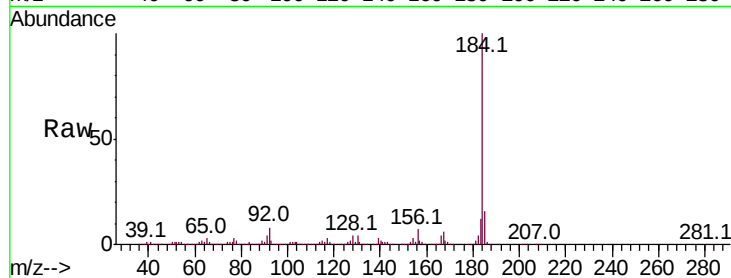
Tot Ion:184 Resp: 1422770

Ion Ratio Lower Upper

184 100

185 16.1 12.9 19.3

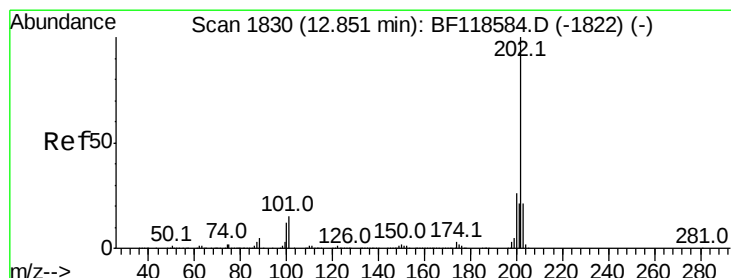
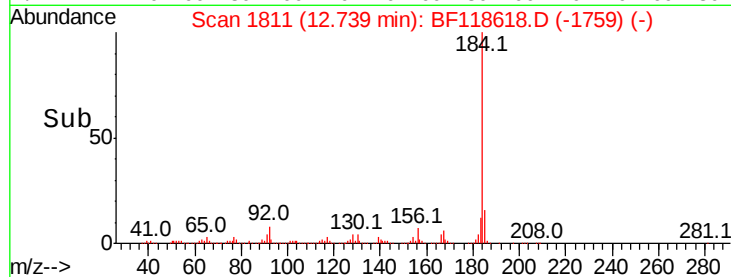
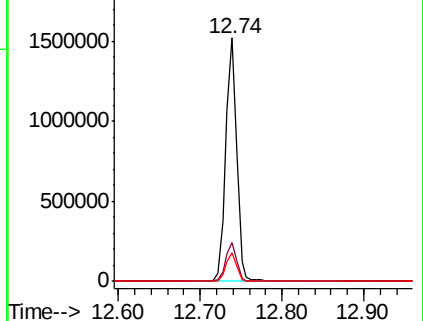
183 11.9 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.429 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

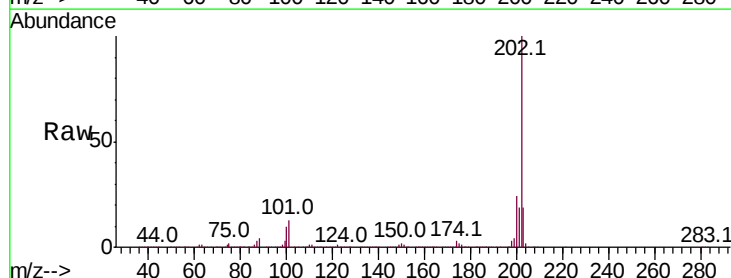
Tgt Ion:202 Resp: 2363069

Ion Ratio Lower Upper

202 100

200 23.8 20.6 31.0

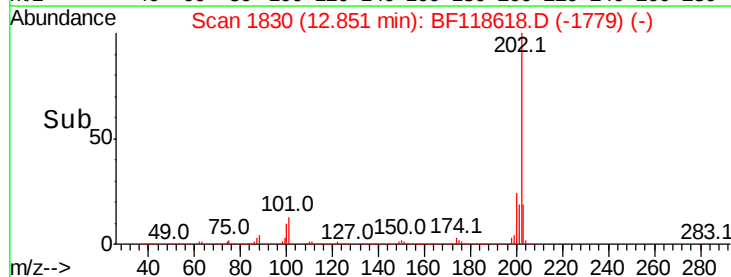
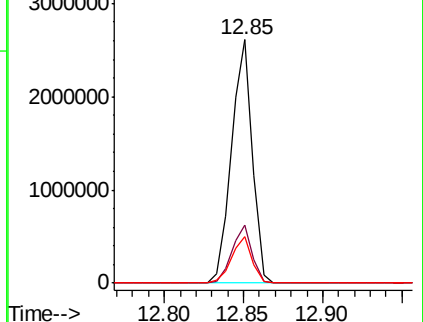
203 19.2 16.8 25.2

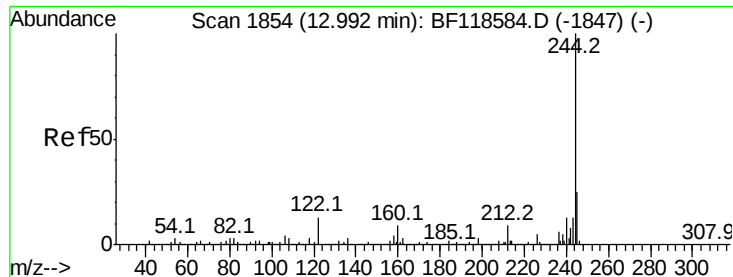


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 92.592 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

ClientSampled :

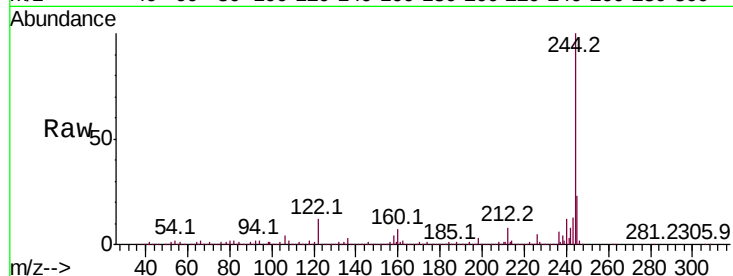
Tot Ion:244 Resp: 3566603

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.4

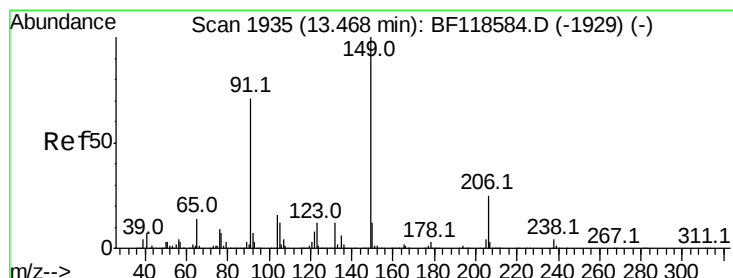
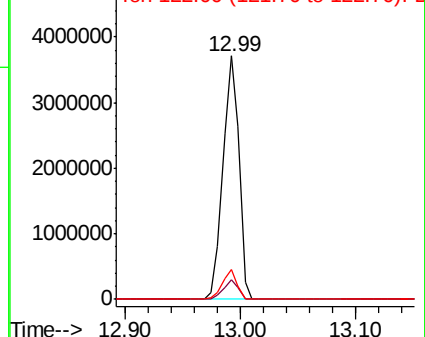
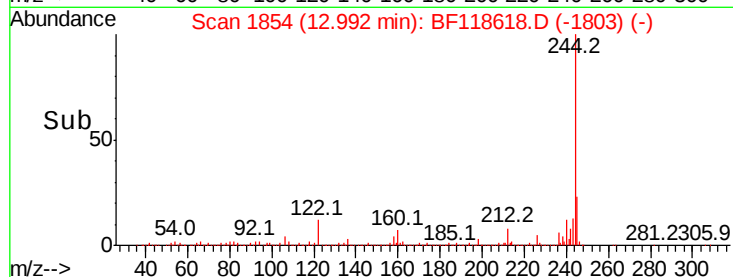
122 12.1 10.7 16.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.368 ng

RT: 13.47 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

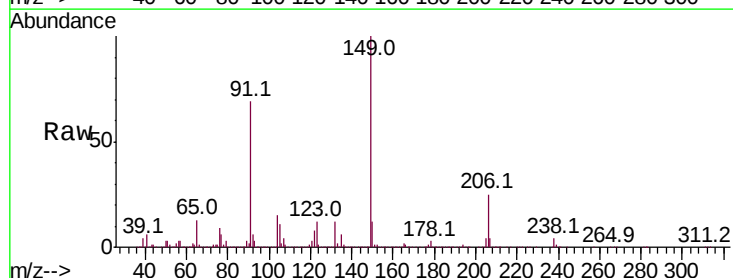
Tgt Ion:149 Resp: 1105744

Ion Ratio Lower Upper

149 100

91 69.3 56.5 84.7

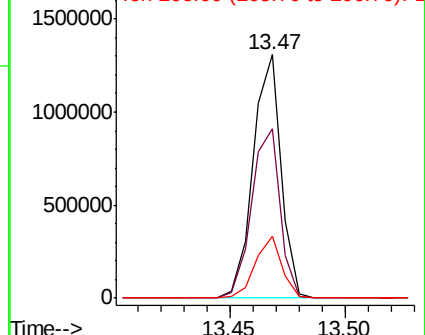
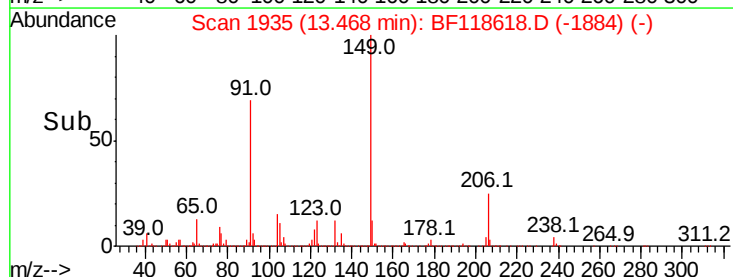
206 25.4 19.9 29.9

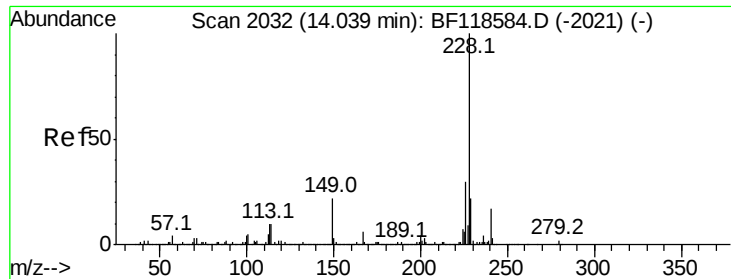


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.542 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

ClientSampleId :

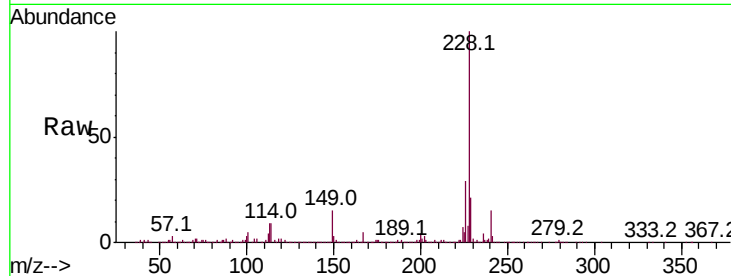
Tot Ion:228 Resp: 2200571

Ion Ratio Lower Upper

228 100

226 28.8 24.1 36.1

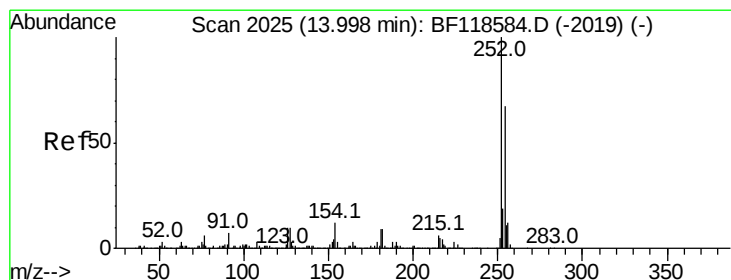
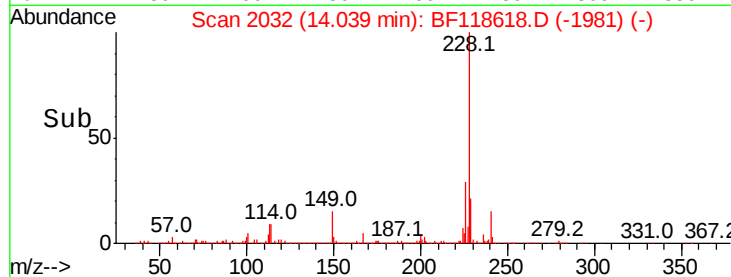
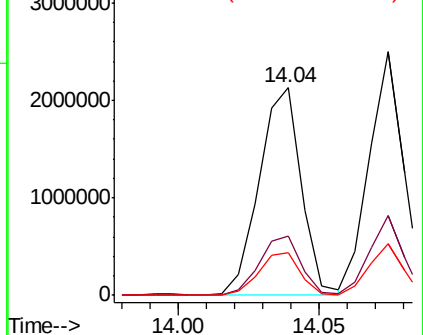
229 20.8 17.6 26.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 51.015 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

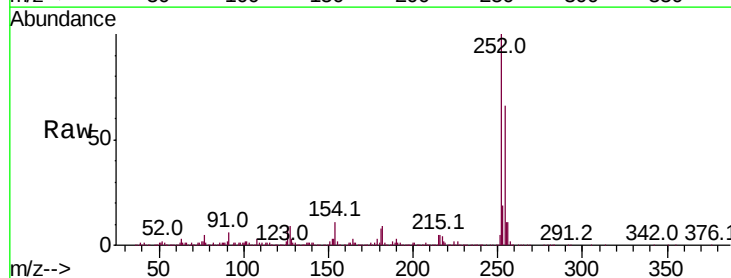
Tgt Ion:252 Resp: 918725

Ion Ratio Lower Upper

252 100

254 66.4 53.4 80.2

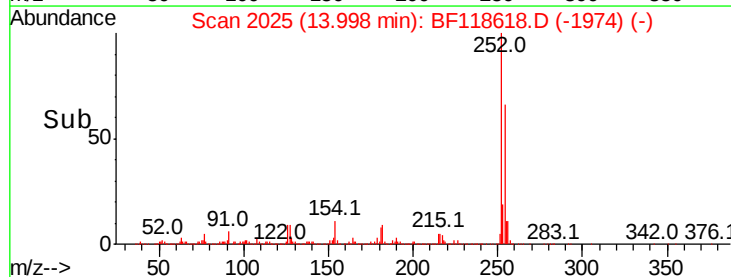
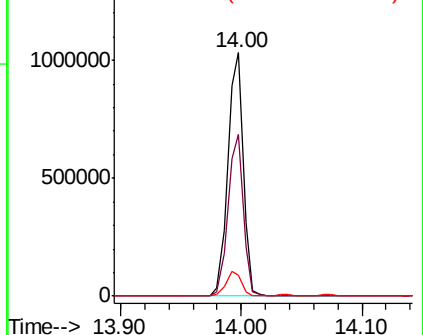
126 8.8 8.0 12.0

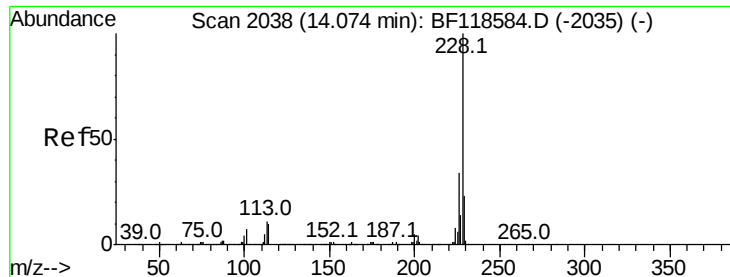


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.076 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

ClientSampleId :

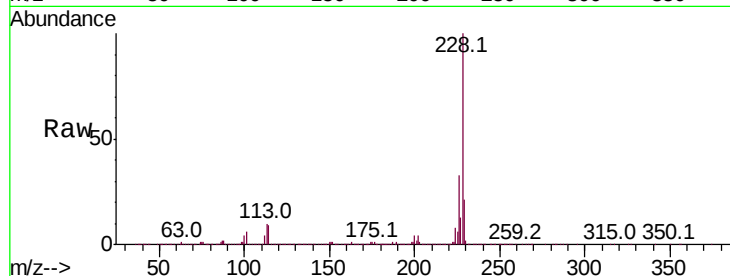
Tot Ion:228 Resp: 2086491

Ion Ratio Lower Upper

228 100

226 32.7 27.4 41.0

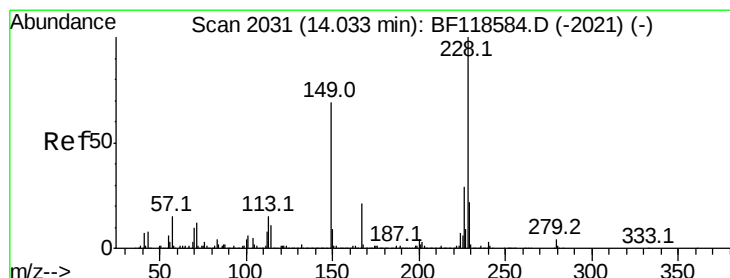
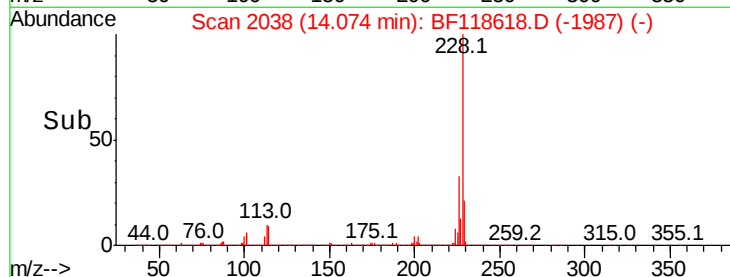
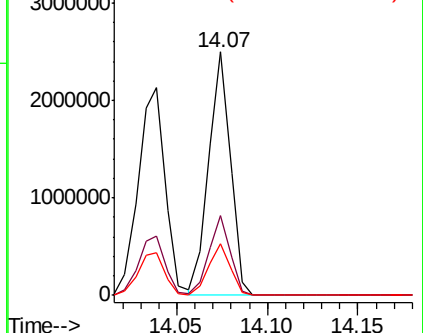
229 21.4 18.3 27.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.141 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

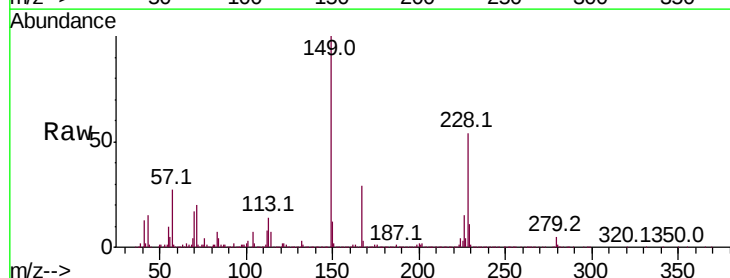
Tgt Ion:149 Resp: 1544072

Ion Ratio Lower Upper

149 100

167 28.6 24.2 36.4

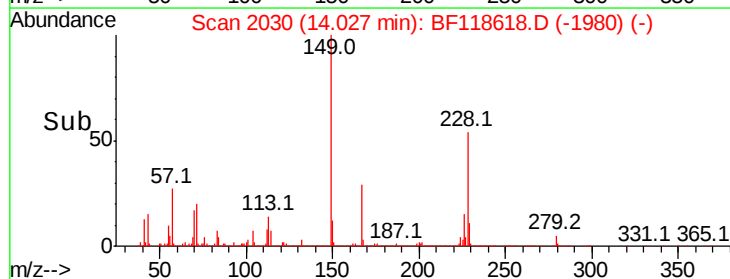
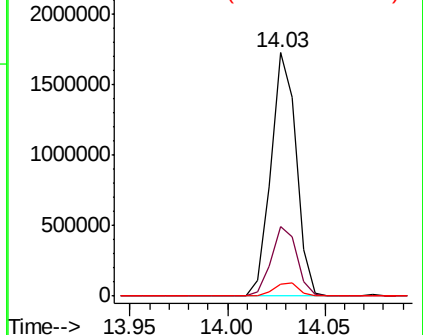
279 4.9 5.0 7.4#

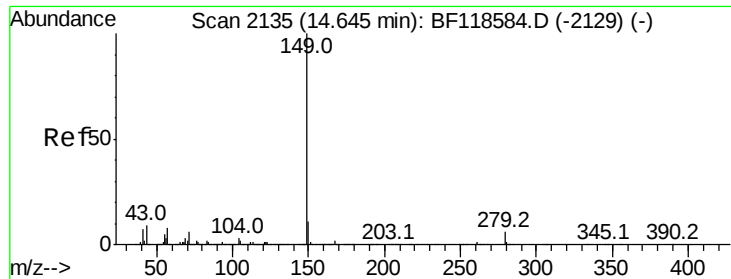


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 59.845 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

ClientSampleId :

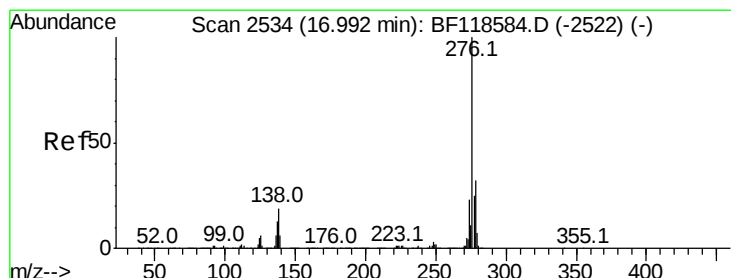
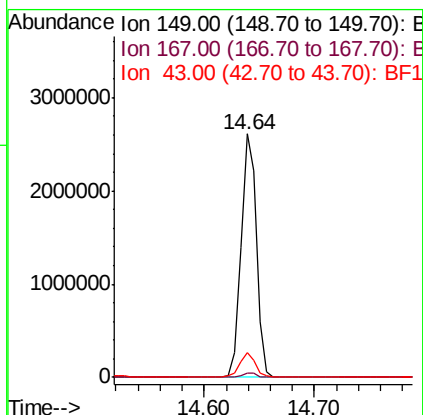
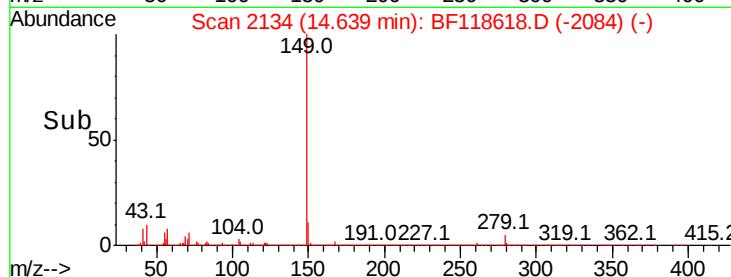
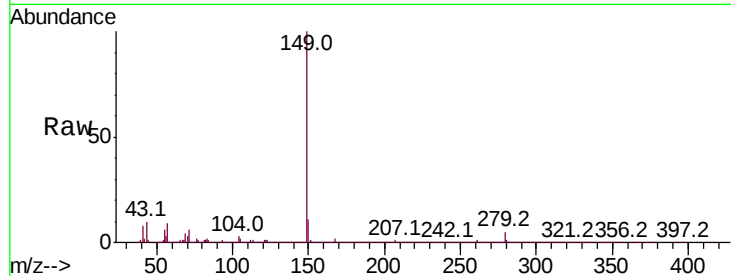
Tot Ion:149 Resp: 2526294

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 9.7 8.1 12.1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.478 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.01 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

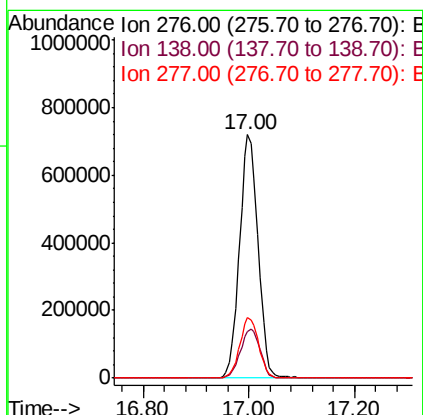
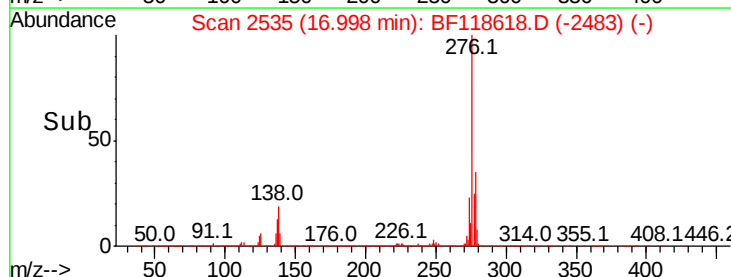
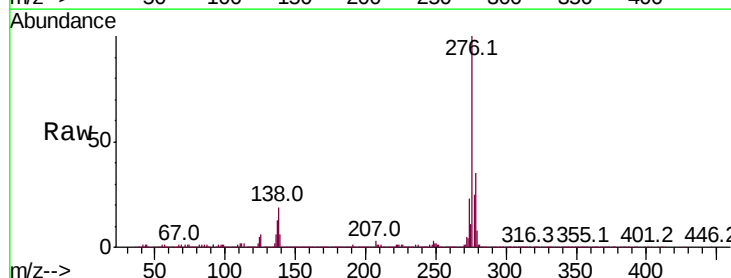
Tgt Ion:276 Resp: 1745668

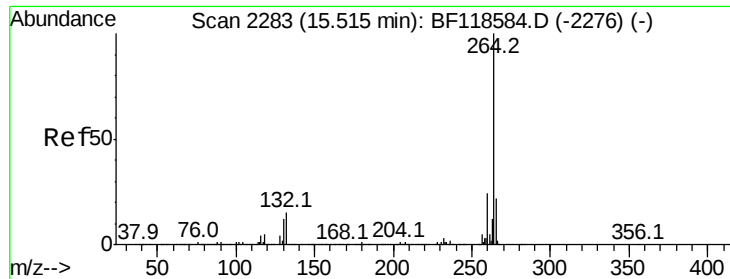
Ion Ratio Lower Upper

276 100

138 21.2 17.2 25.8

277 25.3 20.5 30.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

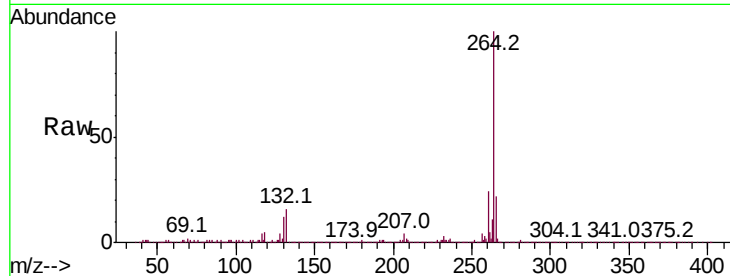
Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 764414

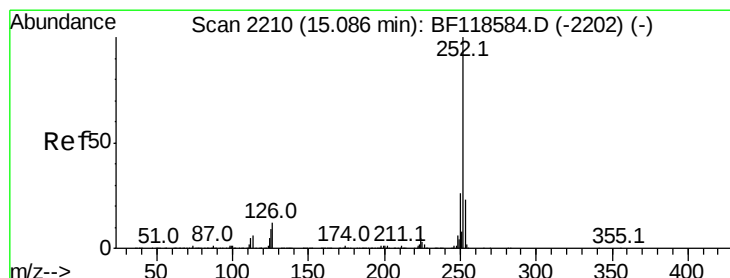
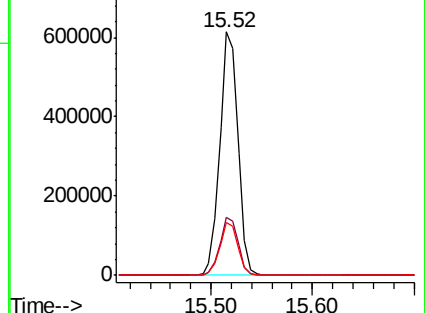
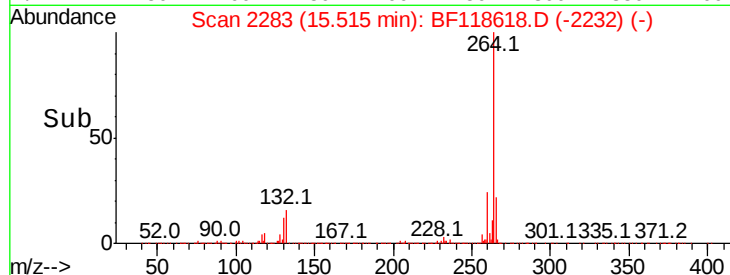
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	22.0	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.142 ng

RT: 15.09 min Scan# 2211

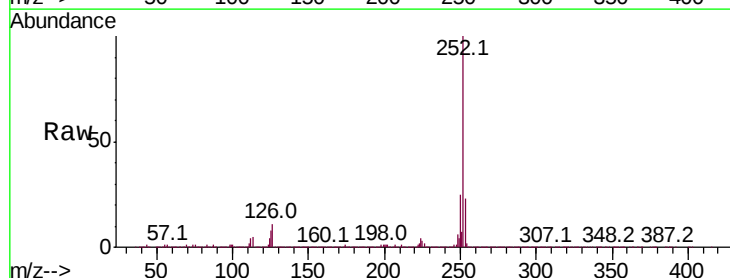
Delta R.T. 0.01 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Tgt Ion:252 Resp: 1976814

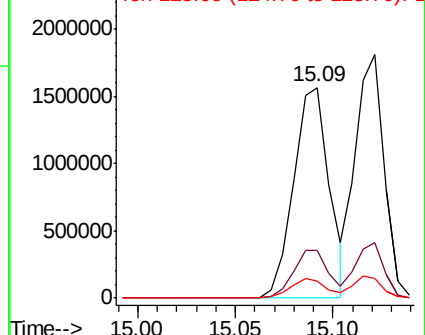
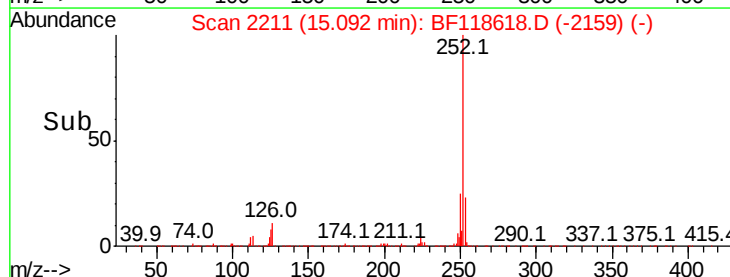
Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.7	28.1
125	8.2	7.3	10.9

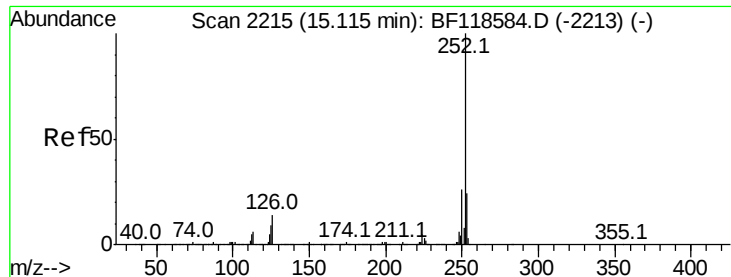


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

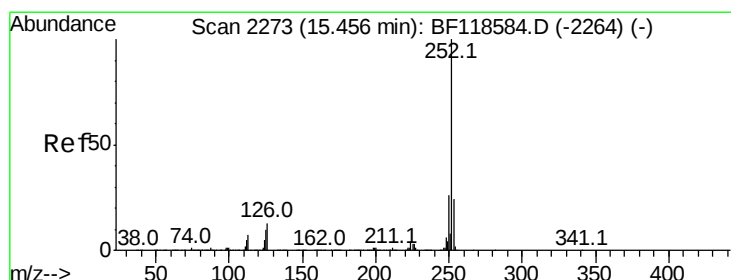
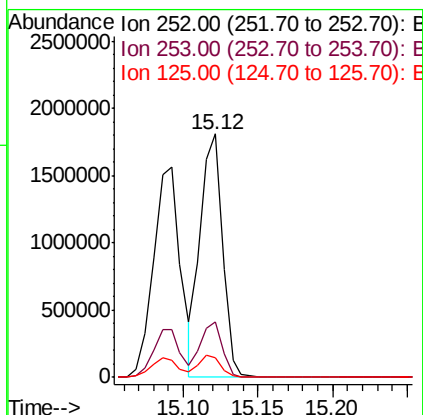
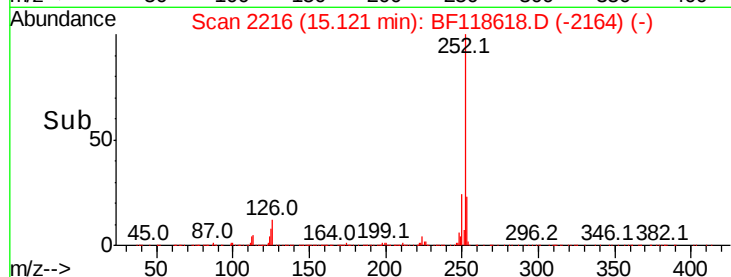
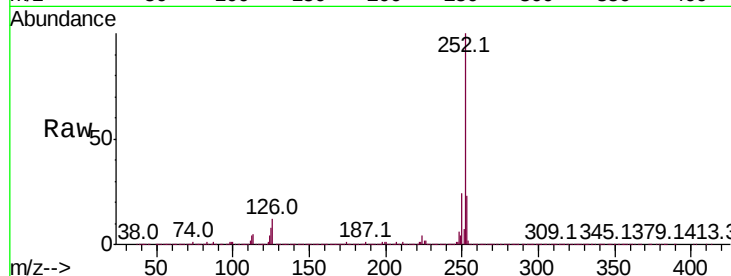




#89
Benzo(k)fluoranthene
Concen: 41.641 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

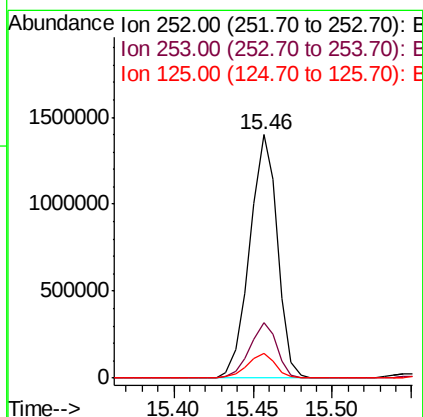
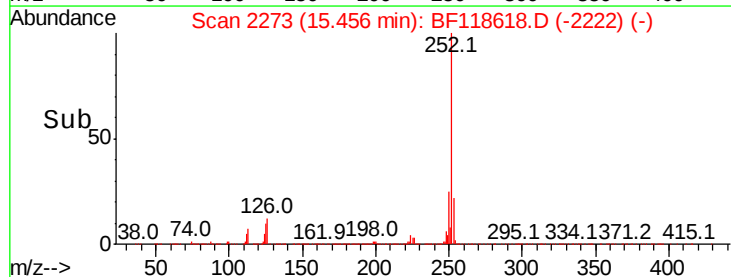
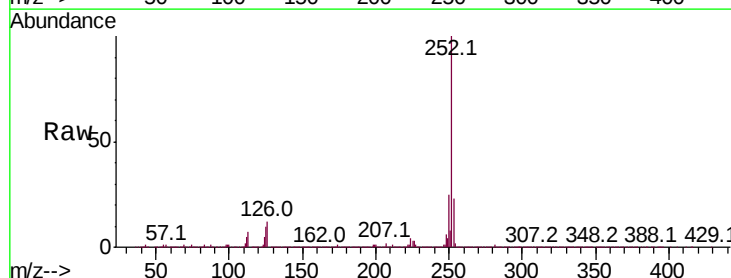
Instrument :
BNA_F
ClientSampled :

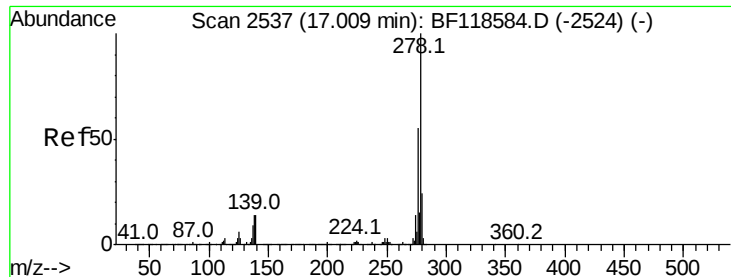
Tot Ion:252 Resp: 1853653
Ion Ratio Lower Upper
252 100
253 22.6 19.0 28.4
125 8.3 7.6 11.4



#90
Benzo(a)pyrene
Concen: 40.994 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion:252 Resp: 1699122
Ion Ratio Lower Upper
252 100
253 22.5 18.8 28.2
125 10.2 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 39.655 ng

RT: 17.02 min Scan# 2538

Delta R.T. 0.01 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

ClientSampleId :

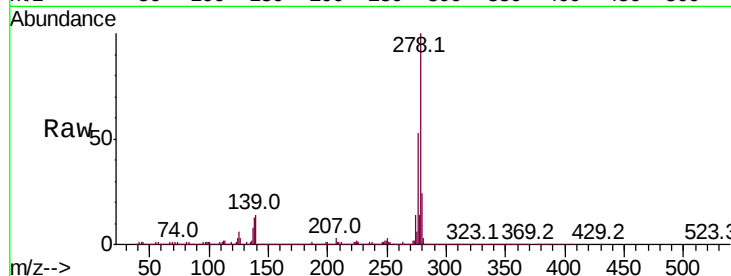
Tot Ion:278 Resp: 1453918

Ion Ratio Lower Upper

278 100

139 14.3 11.4 17.0

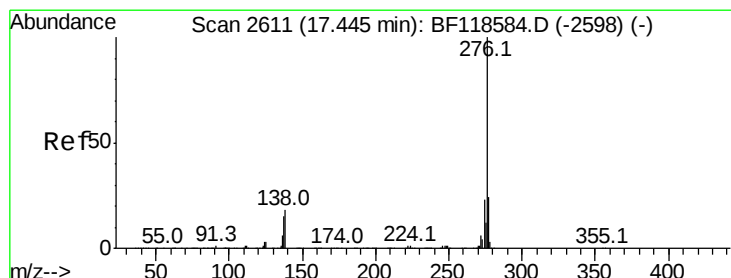
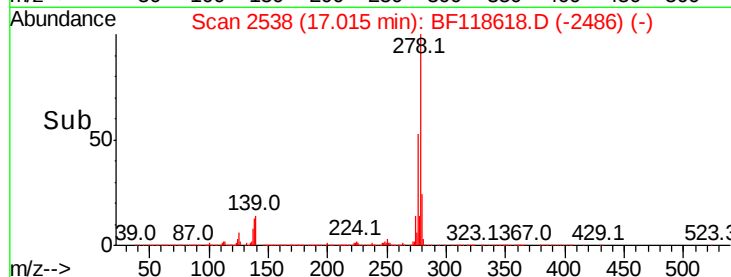
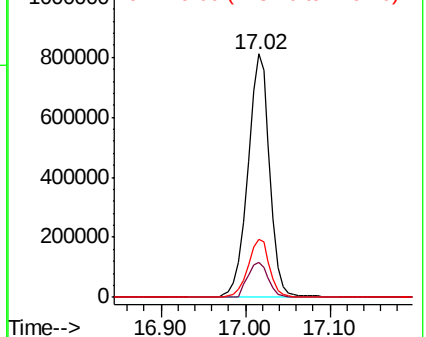
279 23.8 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.793 ng

RT: 17.44 min Scan# 2611

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

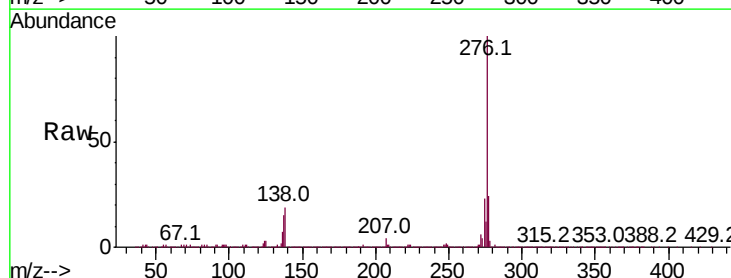
Tgt Ion:276 Resp: 1309770

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 18.7 14.4 21.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

