

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118620.D
 Acq On : 21 Jan 2020 6:12
 Operator : CG/JU
 Sample : PB126132BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 06:50:21 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	458661	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1609695	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	787478	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	1237408	20.00	ng	0.00
76) Chrysene-d12	14.05	240	862009	20.00	ng	0.00
87) Perylene-d12	15.52	264	763420	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1858695	75.26	ng	0.01
7) Phenol-d6	6.51	99	2519763	78.50	ng	0.00
23) Nitrobenzene-d5	7.45	82	1572059	54.63	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	602237	66.12	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2925100	61.05	ng	0.00
79) Terphenyl-d14	12.99	244	2794633	70.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	471348	39.406	ng	98
3) Pyridine	3.50	79	1207481	35.816	ng	99
4) n-Nitrosodimethylamine	3.44	42	647434	44.794	ng	92
6) Aniline	6.55	93	1119493	26.487	ng	98
8) 2-Chlorophenol	6.67	128	1352260	48.784	ng	98
9) Benzaldehyde	6.43	77	739459	37.881	ng	99
10) Phenol	6.53	94	1644242	44.950	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	1293459	47.659	ng	99
12) 1,3-Dichlorobenzene	6.83	146	1465204	45.161	ng	99
13) 1,4-Dichlorobenzene	6.90	146	1480729	45.466	ng	99
14) 1,2-Dichlorobenzene	7.06	146	1404587	45.878	ng	100
15) Benzyl Alcohol	7.02	79	1159871	45.567	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1699683	44.962	ng	99
17) 2-Methylphenol	7.13	107	1095195	47.433	ng	99
18) Hexachloroethane	7.40	117	460712	39.012	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	983069	45.358	ng	98
20) 3+4-Methylphenols	7.29	107	1303805	46.251	ng	95
22) Acetophenone	7.29	105	1721018	45.133	ng	# 96
24) Nitrobenzene	7.46	77	1403079	47.615	ng	97
25) Isophorone	7.70	82	2549278	48.566	ng	100
26) 2-Nitrophenol	7.78	139	591882	47.102	ng	100
27) 2,4-Dimethylphenol	7.82	122	1213619	55.929	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	1605098	47.457	ng	99
29) 2,4-Dichlorophenol	8.02	162	1124874	46.894	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	1265675	45.507	ng	99
31) Naphthalene	8.19	128	3437908	47.279	ng	99
32) Benzoic acid	7.93	122	481278	29.553	ng	96
33) 4-Chloroaniline	8.23	127	420012	12.497	ng	97
34) Hexachlorobutadiene	8.31	225	776614	45.852	ng	99
35) Caprolactam	8.61	113	345052	43.956	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	1091896	46.096	ng	100
37) 2-Methylnaphthalene	8.88	142	2414905	47.050	ng	100
38) 1-Methylnaphthalene	8.98	142	2265624	46.462	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1242363	50.421	ng	99

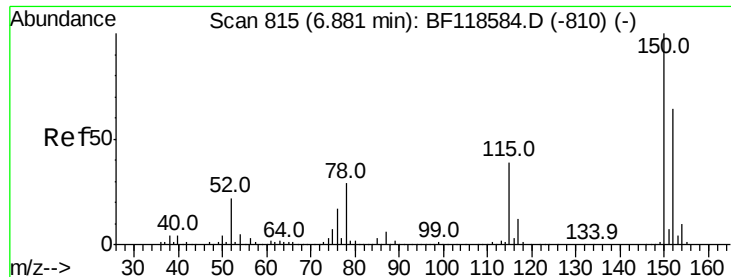
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	483745	38.913	nq	99
43) 2,4,6-Trichlorophenol	9.16	196	808873	49.471	nq	99
44) 2,4,5-Trichlorophenol	9.20	196	818521	49.017	nq	98
46) 1,1'-Biphenyl	9.35	154	2781394	51.248	nq	100
47) 2-Chloronaphthalene	9.37	162	2193116	47.942	nq	100
48) 2-Nitroaniline	9.46	65	691372	49.166	nq	99
49) Acenaphthylene	9.79	152	3200232	49.728	nq	99
50) Dimethylphthalate	9.65	163	2763899	53.872	nq	100
51) 2,6-Dinitrotoluene	9.70	165	544067	47.357	nq #	85
52) Acenaphthene	9.96	154	1988445	46.208	nq	100
53) 3-Nitroaniline	9.87	138	476707	36.338	nq	98
54) 2,4-Dinitrophenol	9.97	184	110630	24.120	nq #	6
55) Dibenzofuran	10.13	168	2890180	48.465	nq	98
56) 4-Nitrophenol	10.03	139	863549	87.199	nq	94
57) 2,4-Dinitrotoluene	10.10	165	654176	45.168	nq	96
58) Fluorene	10.47	166	2180357	46.573	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	660727	44.986	nq	99
60) Diethylphthalate	10.35	149	2561155	51.487	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	1221328	47.966	nq	98
62) 4-Nitroaniline	10.48	138	535387	39.787	nq	96
63) Azobenzene	10.62	77	2262422	46.962	nq	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	97616	17.940	nq	99
66) n-Nitrosodiphenylamine	10.58	169	2044475	54.786	nq	100
67) 4-Bromophenyl-phenylether	10.96	248	786610	51.454	nq	98
68) Hexachlorobenzene	11.03	284	826190	47.668	nq	92
69) Atrazine	11.11	200	729690	56.415	nq	98
70) Pentachlorophenol	11.22	266	855679	88.796	nq	99
71) Phenanthrene	11.43	178	2931895	49.112	nq	98
72) Anthracene	11.49	178	2993669	50.680	nq	99
73) Carbazole	11.64	167	2627200	48.489	nq	98
74) Di-n-butylphthalate	11.97	149	3385459	56.239	nq	99
75) Fluoranthene	12.62	202	2931804	46.563	nq	99
77) Benzidine	12.74	184	2270538	98.581	nq	100
78) Pyrene	12.85	202	2985490	51.014	nq	97
80) Butylbenzylphthalate	13.47	149	1359838	56.776	nq	98
81) Benzo(a)anthracene	14.04	228	2594766	50.039	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	1061952	57.473	nq	99
83) Chrysene	14.07	228	2445068	49.199	nq	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	1877675	64.168	nq #	98
85) Di-n-octyl phthalate	14.64	149	2959482	68.328	nq	100
86) Indeno(1,2,3-cd)pyrene	17.00	276	2100195	48.636	nq	100
88) Benzo(b)fluoranthene	15.09	252	2322097	48.391	nq	99
89) Benzo(k)fluoranthene	15.12	252	2154131	48.454	nq	99
90) Benzo(a)pyrene	15.46	252	1944974	46.986	nq	98
91) Dibenzo(a,h)anthracene	17.02	278	1804534	49.283	nq	99
92) Benzo(g,h,i)perylene	17.45	276	1675035	47.115	nq	100

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

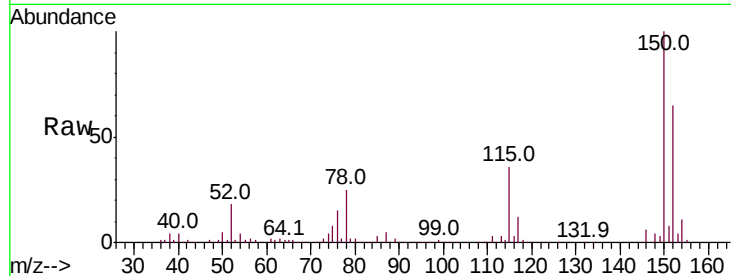


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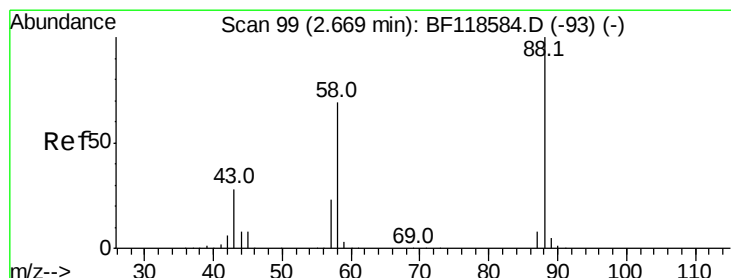
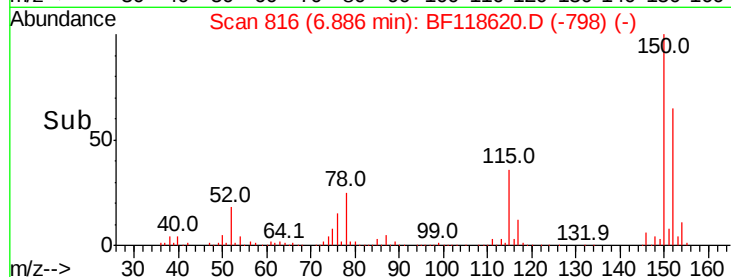
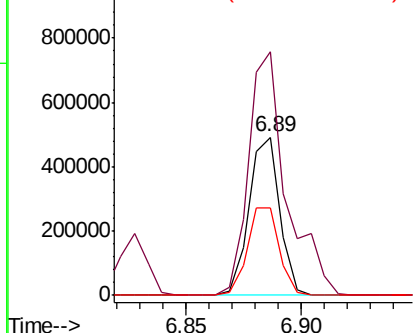
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 458661
Ion Ratio Lower Upper
152 100
150 154.2 125.6 188.4
115 55.6 48.4 72.6



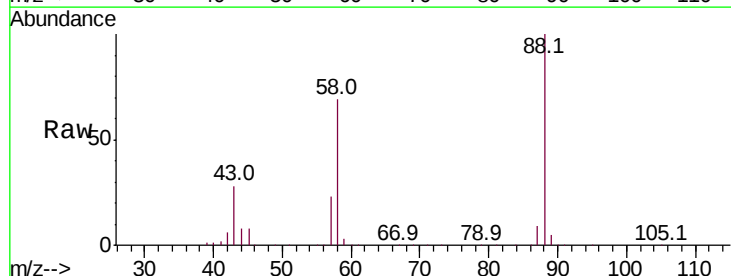
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



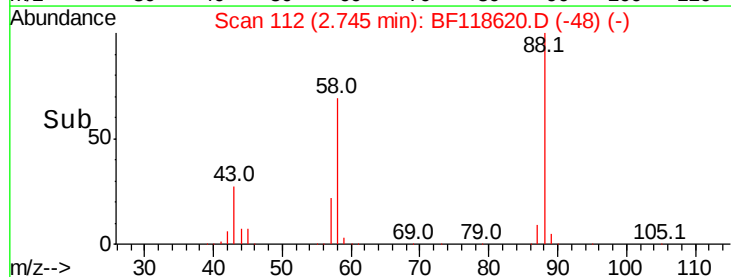
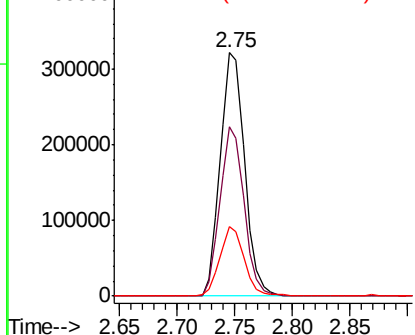
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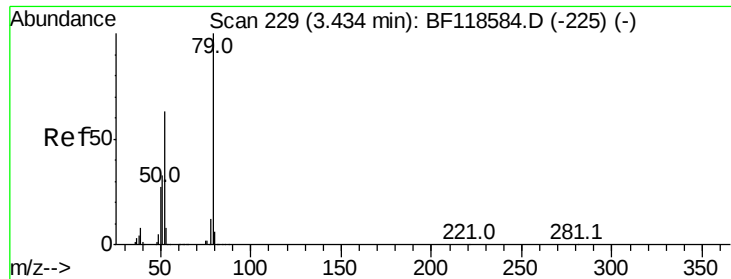
1,4-Dioxane
Concen: 39.406 ng
RT: 2.75 min Scan# 112
Delta R.T. 0.08 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion: 88 Resp: 471348
Ion Ratio Lower Upper
88 100
58 68.5 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

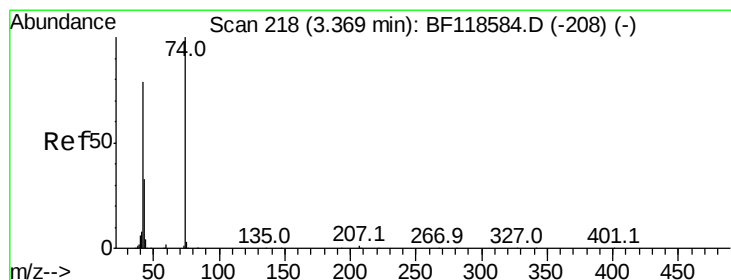
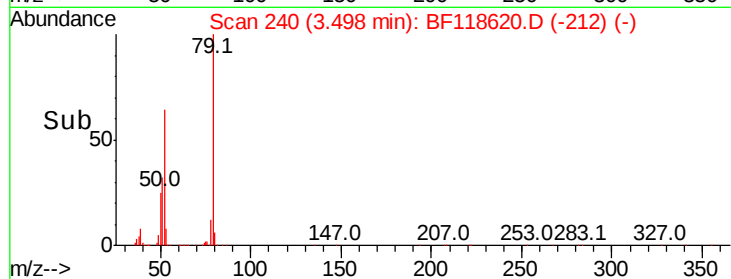
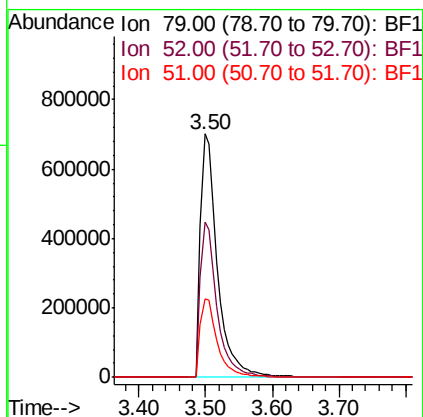
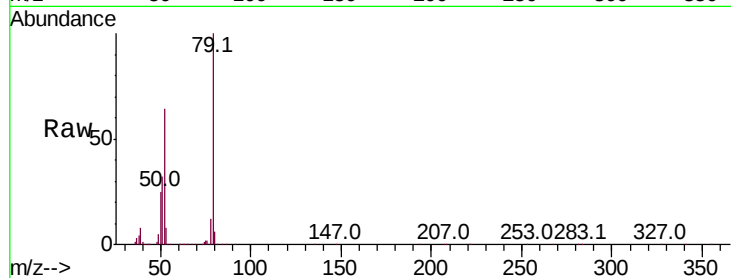




#3
 Pvridine
 Concen: 35.816 ng
 RT: 3.50 min Scan# 240
 Delta R.T. 0.06 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

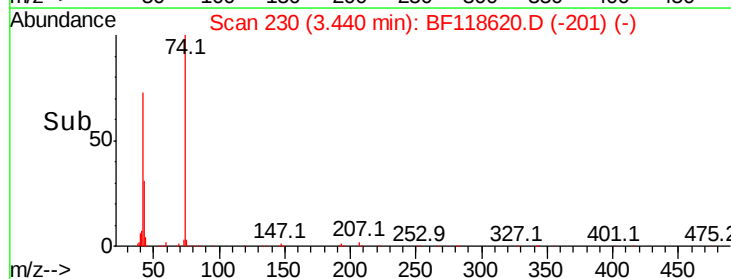
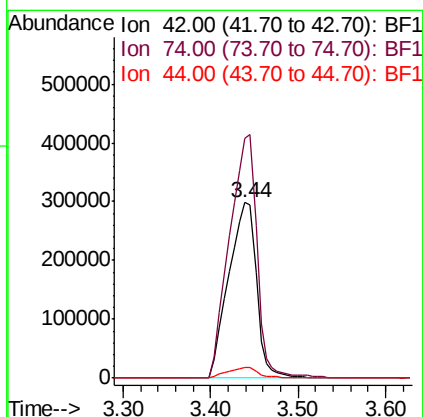
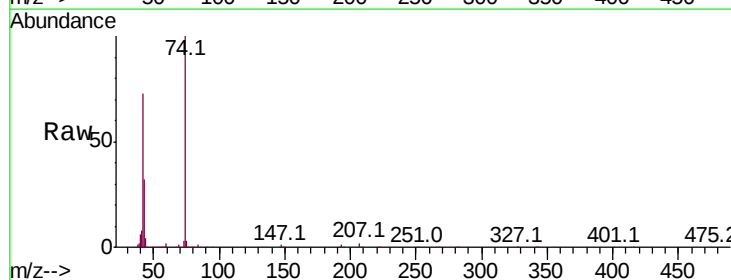
Instrument :
 BNA_F
 ClientSampleId :

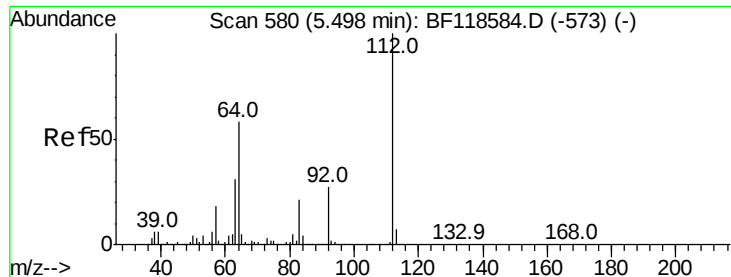
Tot Ion: 79 Resp: 1207481
 Ion Ratio Lower Upper
 79 100
 52 63.7 50.7 76.1
 51 32.5 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 44.794 ng
 RT: 3.44 min Scan# 230
 Delta R.T. 0.07 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

Tgt Ion: 42 Resp: 647434
 Ion Ratio Lower Upper
 42 100
 74 136.3 101.6 152.4
 44 5.8 4.9 7.3





#5

2-Fluorophenol

Concen: 75.264 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :

BNA_F

ClientSampleId :

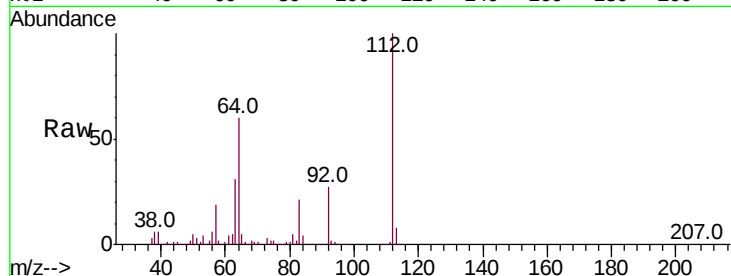
Tot Ion:112 Resp: 1858695

Ion Ratio Lower Upper

112 100

64 59.6 46.6 70.0

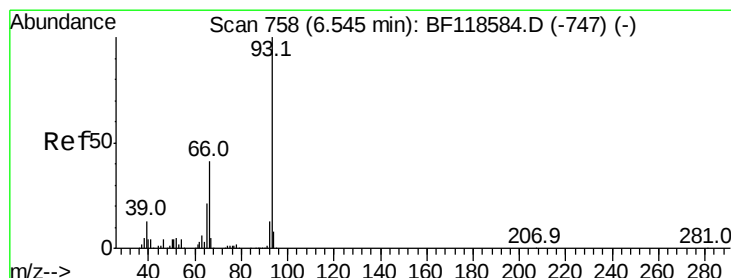
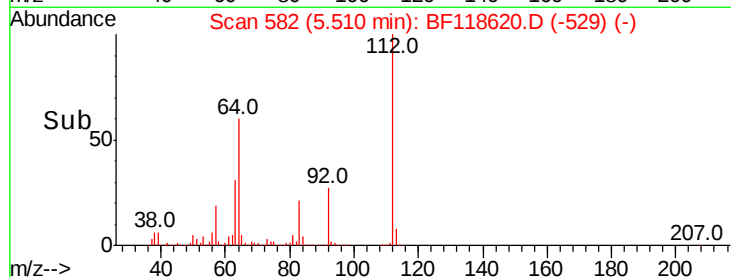
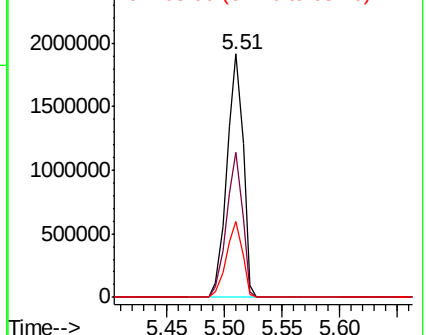
63 31.4 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.487 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

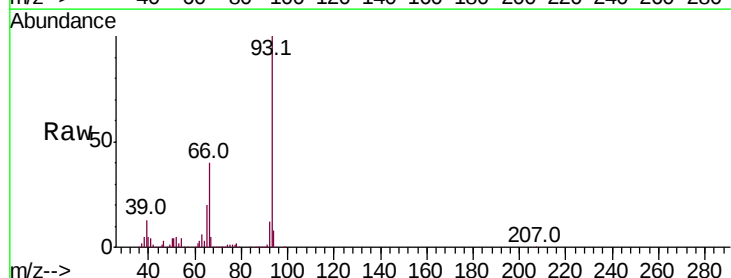
Tgt Ion: 93 Resp: 1119493

Ion Ratio Lower Upper

93 100

66 39.6 32.8 49.2

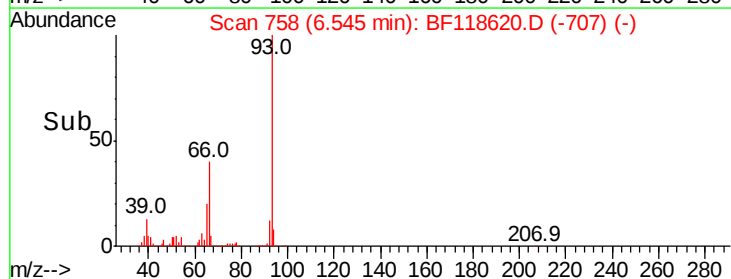
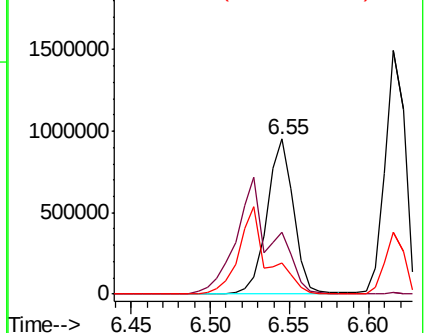
65 20.3 16.5 24.7

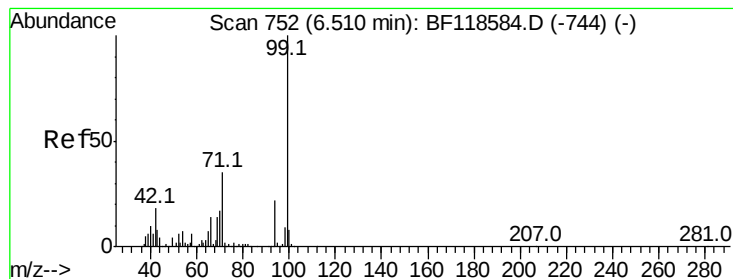


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.502 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :

BNA_F

ClientSampleId :

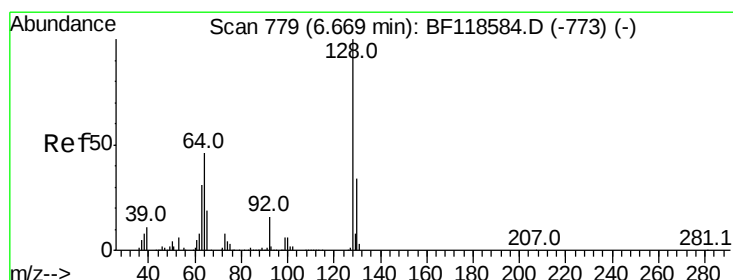
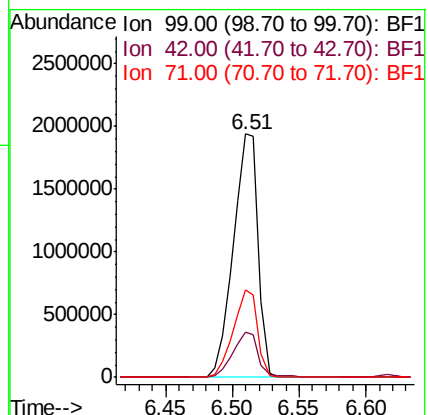
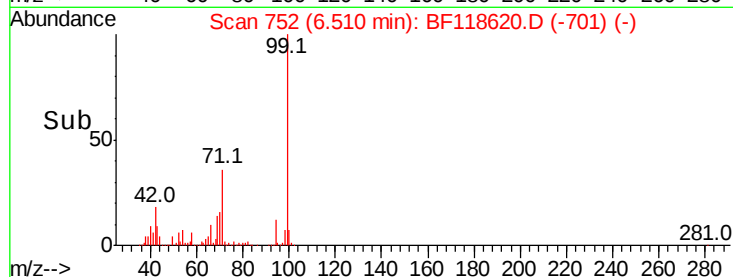
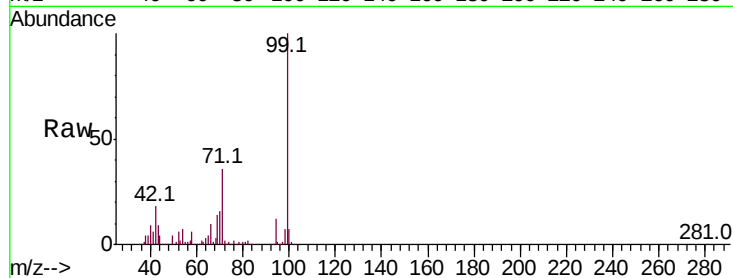
Tot Ion: 99 Resp: 2519763

Ion Ratio Lower Upper

99 100

42 18.4 14.2 21.2

71 35.9 27.8 41.6



#8

2-Chlorophenol

Concen: 48.784 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

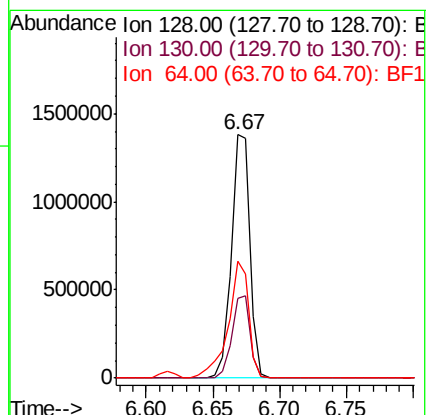
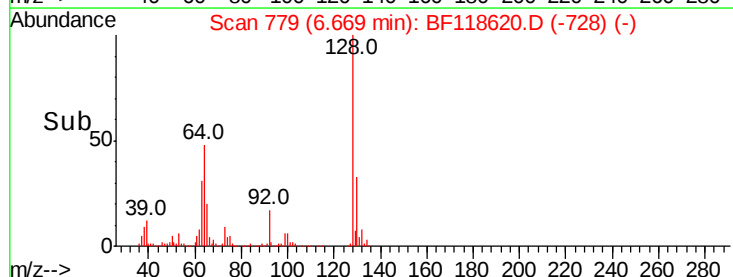
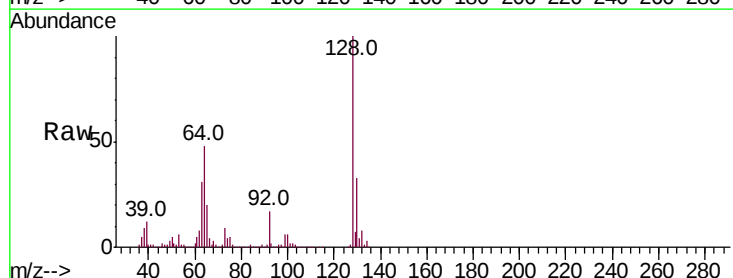
Tgt Ion:128 Resp: 1352260

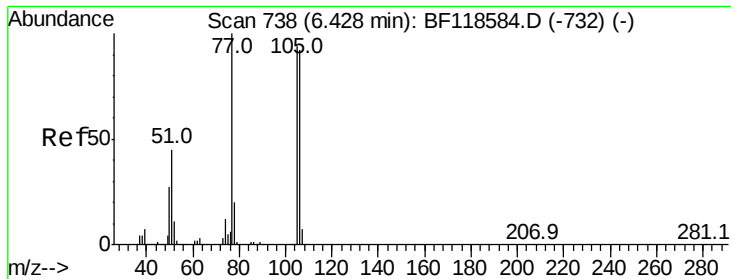
Ion Ratio Lower Upper

128 100

130 33.0 13.6 53.6

64 48.0 26.4 66.4

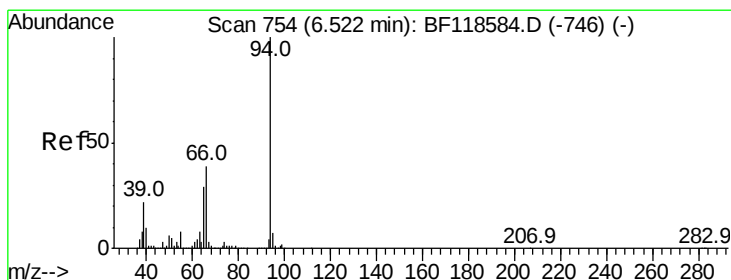
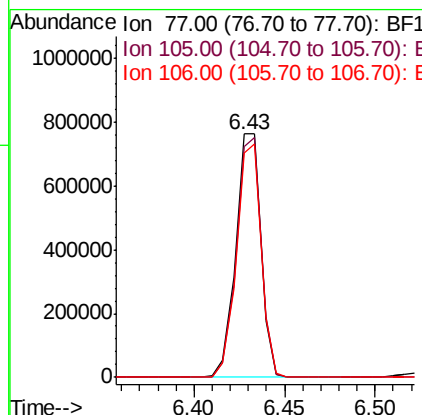
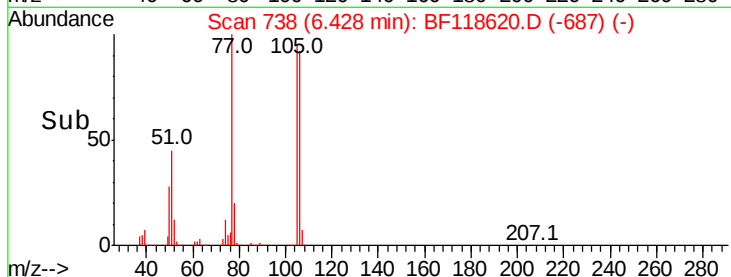
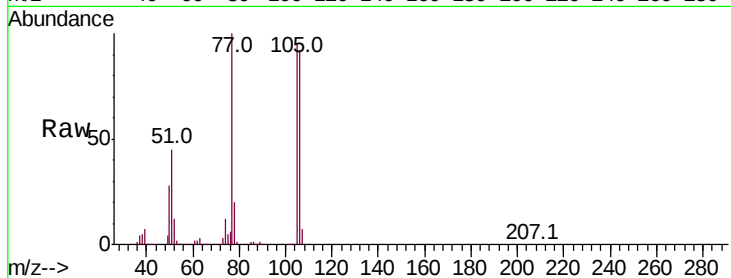




#9
Benzaldehyde
Concen: 37.881 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

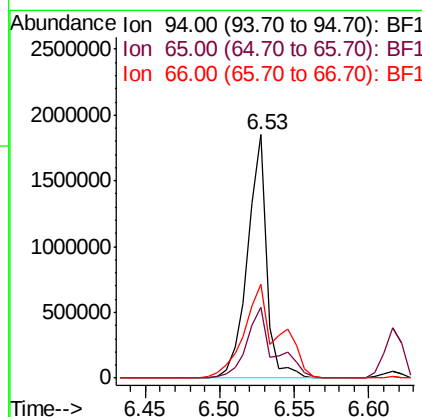
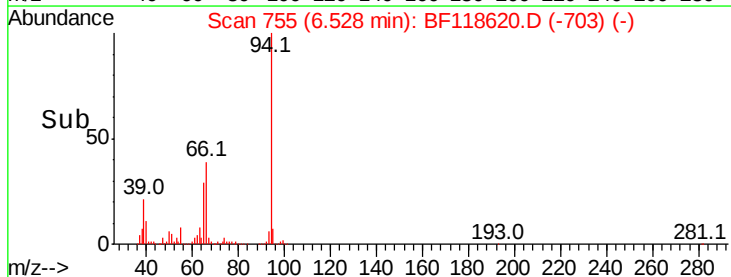
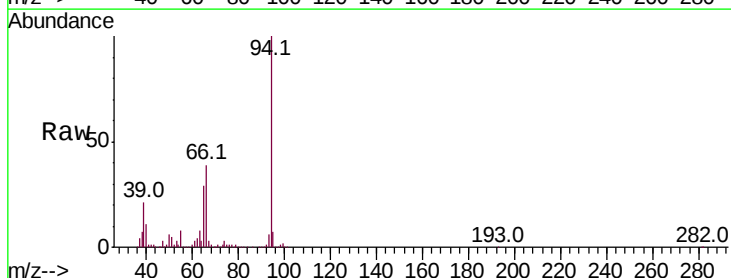
Instrument :
BNA_F
ClientSampleId :

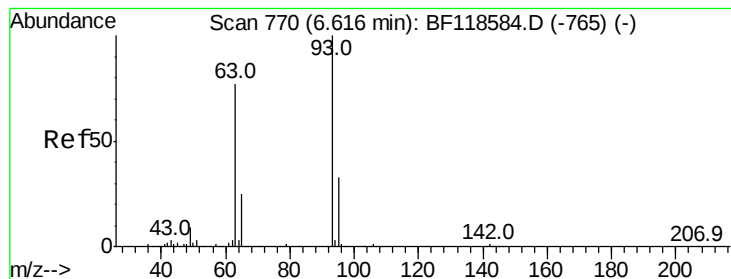
Tot Ion: 77 Resp: 739459
Ion Ratio Lower Upper
77 100
105 94.6 73.5 113.5
106 92.0 71.9 111.9



#10
Phenol
Concen: 44.950 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion: 94 Resp: 1644242
Ion Ratio Lower Upper
94 100
65 28.8 9.5 49.5
66 38.6 18.5 58.5

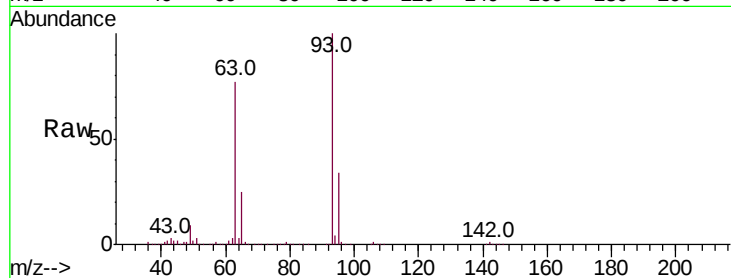




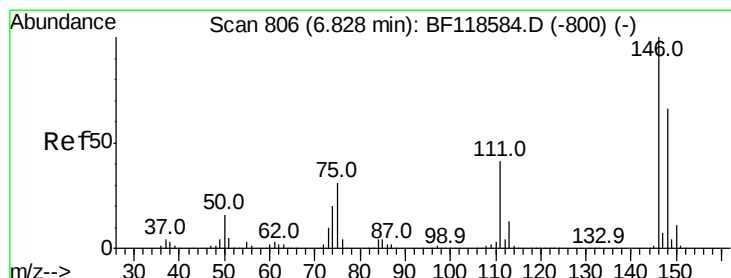
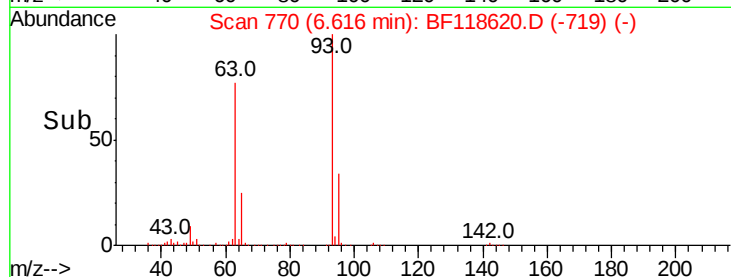
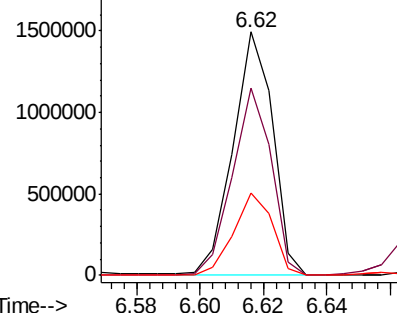
#11
bis(2-Chloroethyl)ether
Concen: 47.659 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 1293459
Ion Ratio Lower Upper
93 100
63 76.8 56.3 96.3
95 33.8 13.3 53.3

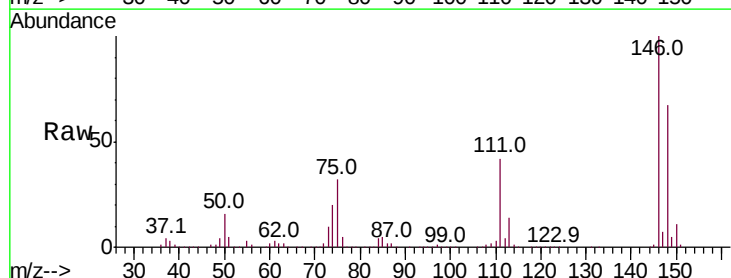


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

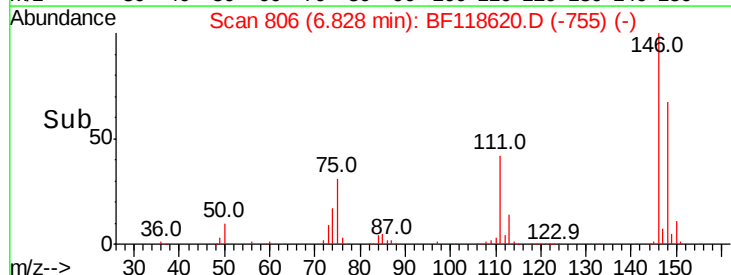
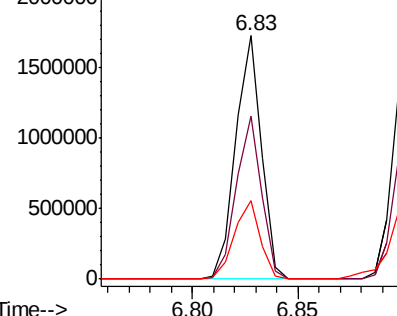


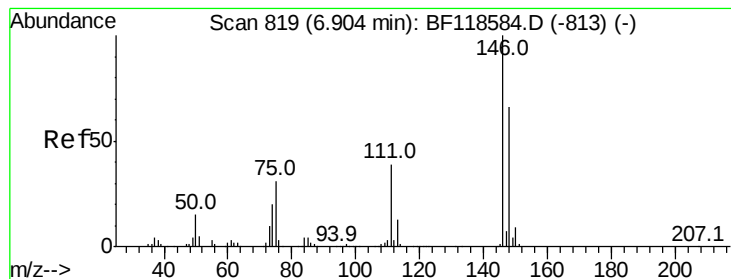
#12
1,3-Dichlorobenzene
Concen: 45.161 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion: 146 Resp: 1465204
Ion Ratio Lower Upper
146 100
148 66.9 53.0 79.6
75 32.0 25.1 37.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 45.466 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :

BNA_F

ClientSampleId :

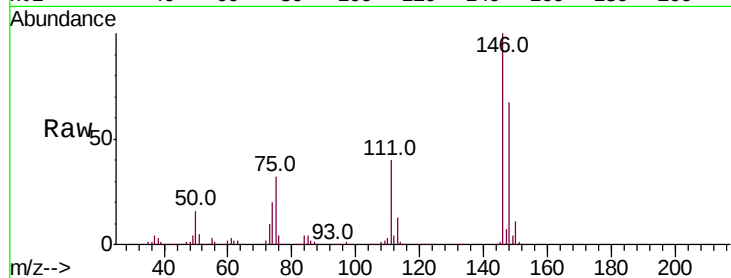
Tot Ion:146 Resp: 1480729

Ion Ratio Lower Upper

146 100

148 66.6 52.4 78.6

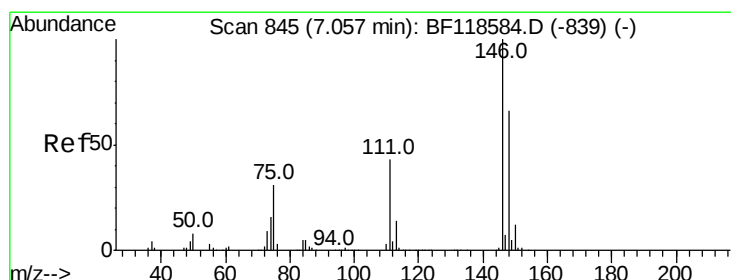
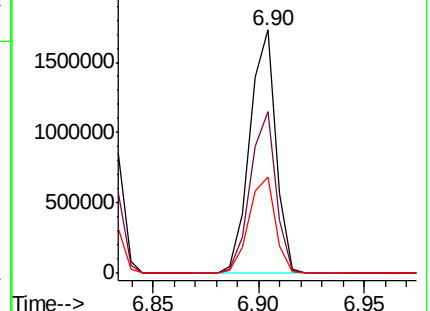
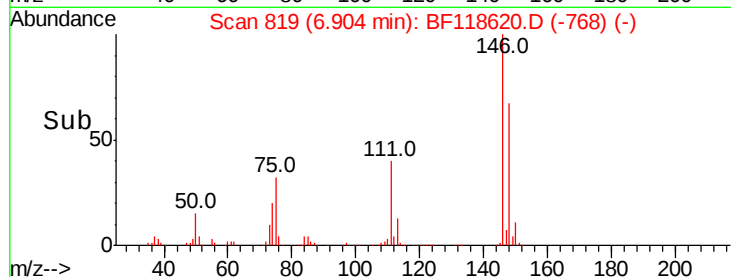
111 39.8 31.6 47.4



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: 45.878 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

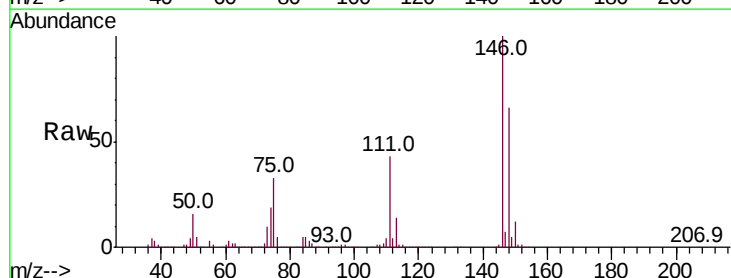
Tgt Ion:146 Resp: 1404587

Ion Ratio Lower Upper

146 100

148 65.9 52.7 79.1

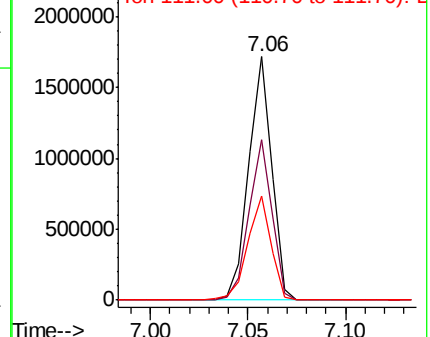
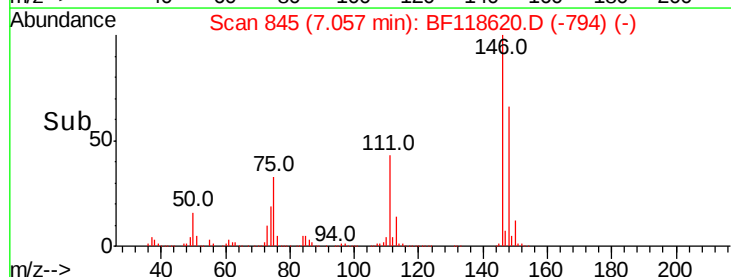
111 42.6 34.6 52.0

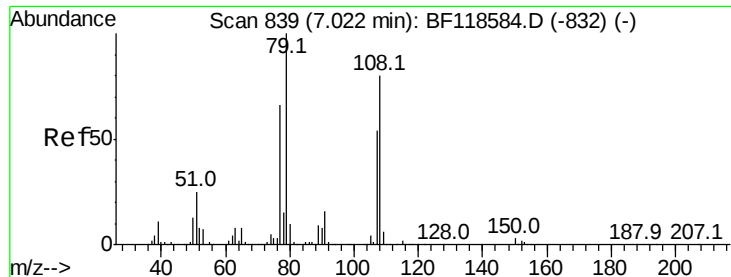


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.567 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :

BNA_F

ClientSampled :

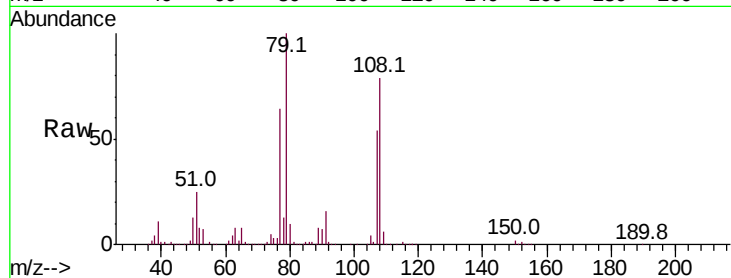
Tot Ion: 79 Resp: 1159871

Ion Ratio Lower Upper

79 100

108 79.1 63.6 95.4

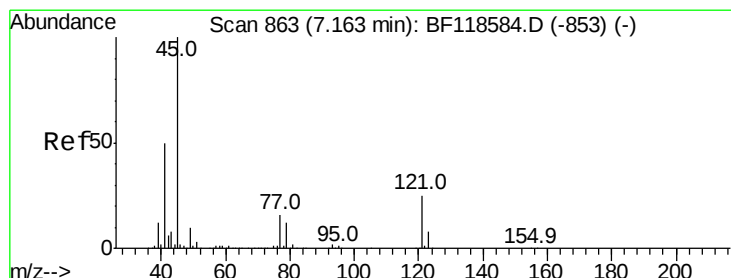
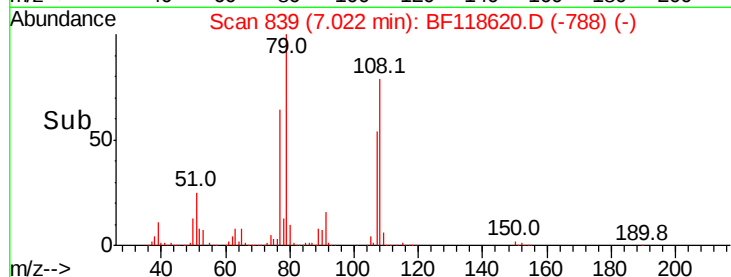
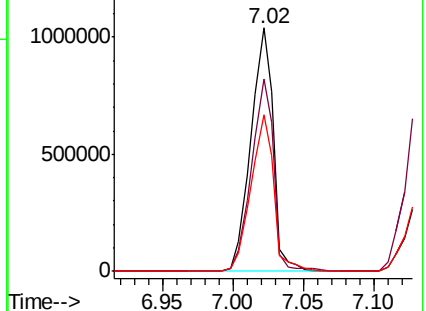
77 64.3 52.5 78.7



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: 44.962 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

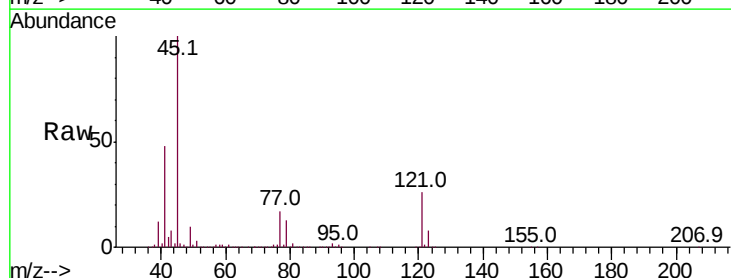
Tgt Ion: 45 Resp: 1699683

Ion Ratio Lower Upper

45 100

77 16.6 0.0 36.1

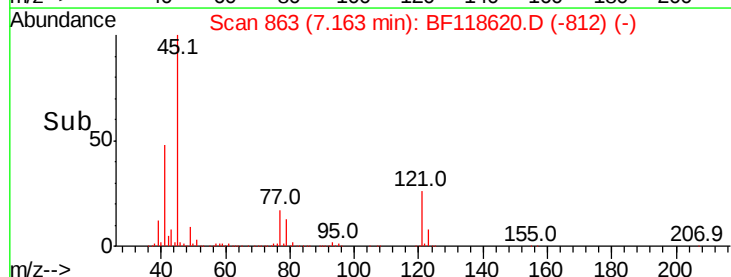
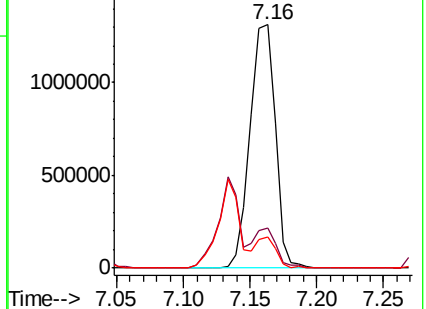
79 12.9 0.0 32.4

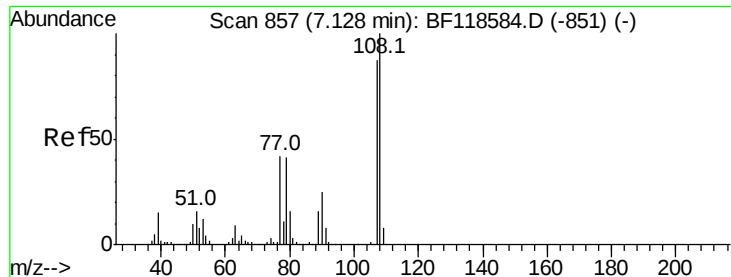


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

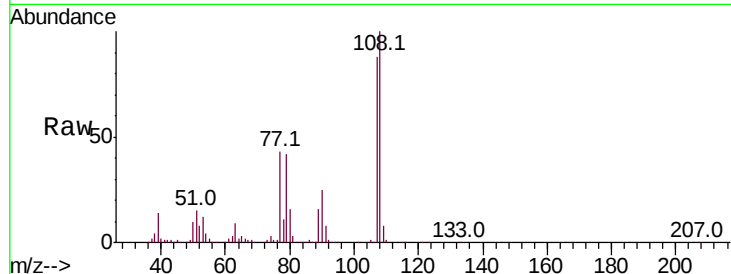




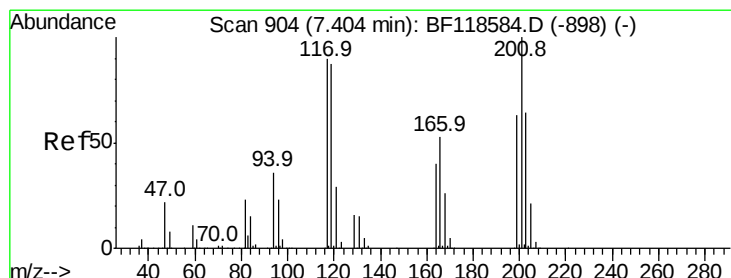
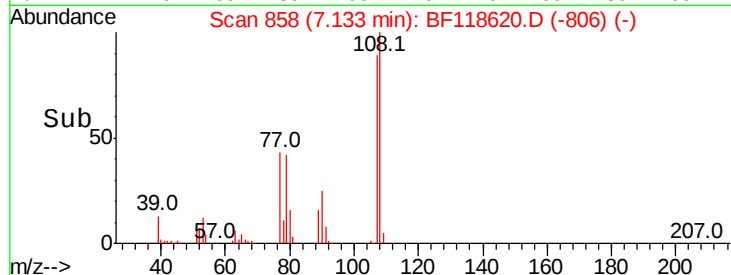
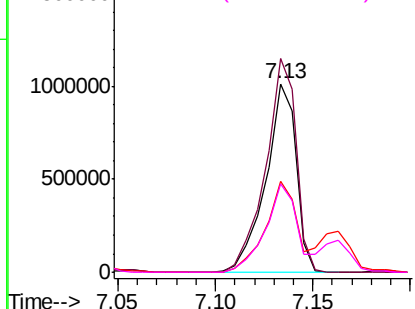
#17
2-Methylphenol
Concen: 47.433 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 1095195
Ion Ratio Lower Upper
107 100
108 113.1 91.5 137.3
77 48.4 38.7 58.1
79 47.0 37.7 56.5

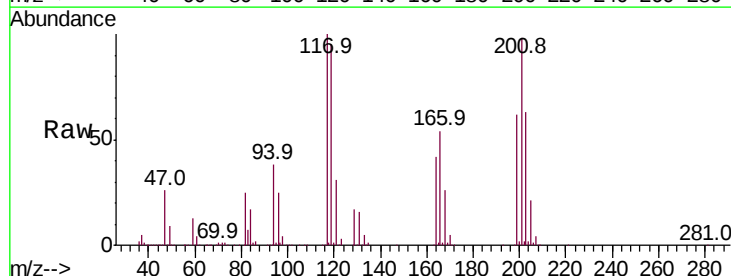


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

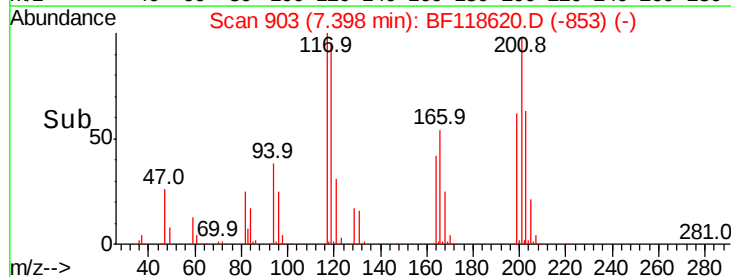
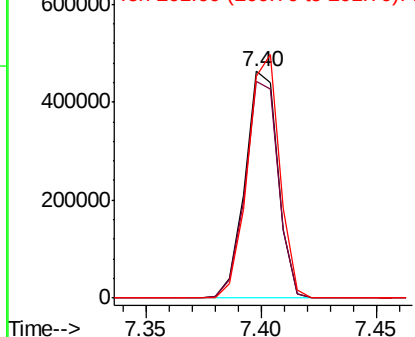


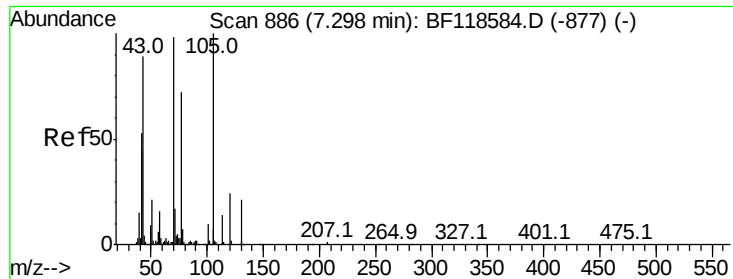
#18
Hexachloroethane
Concen: 39.012 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion:117 Resp: 460712
Ion Ratio Lower Upper
117 100
119 95.3 77.6 116.4
201 97.8 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

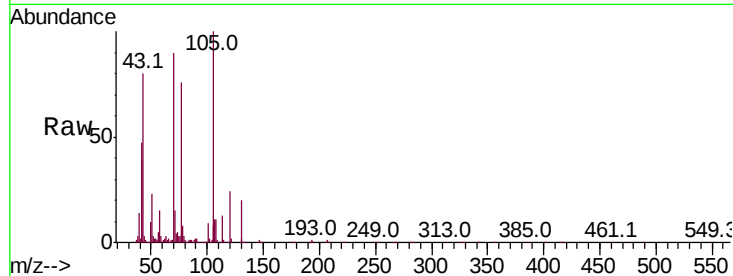




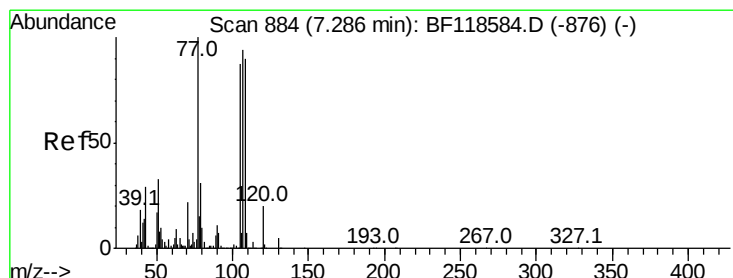
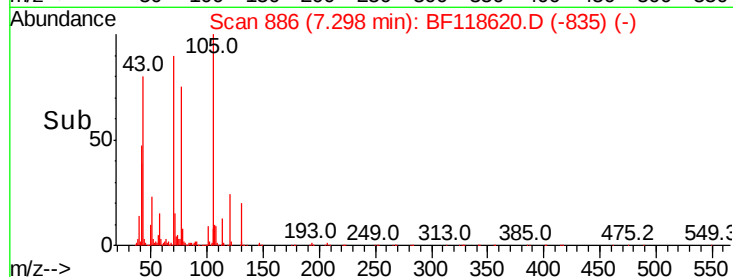
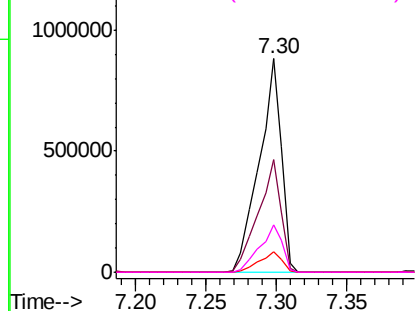
#19
n-Nitroso-di-n-propylamine
Concen: 45.358 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 983069
Ion Ratio Lower Upper
70 100
42 52.5 43.4 65.0
101 9.9 8.1 12.1
130 22.2 17.6 26.4

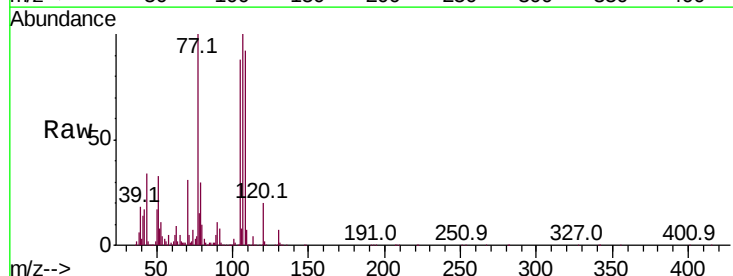


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

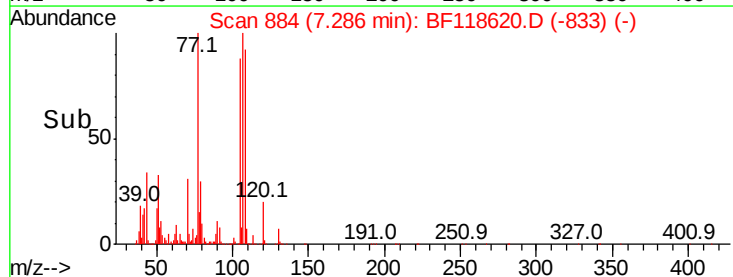
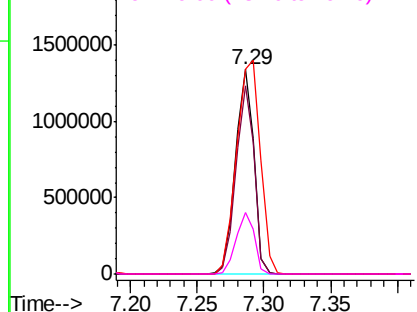


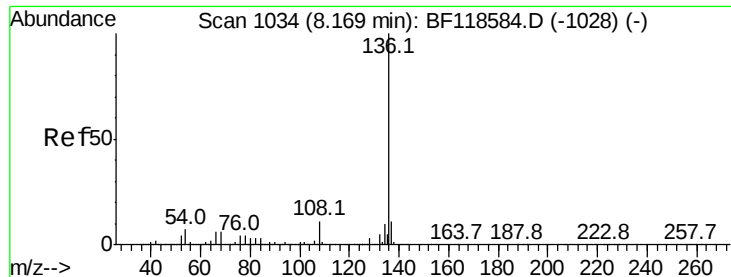
#20
3+4-Methylphenols
Concen: 46.251 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion:107 Resp: 1303805
Ion Ratio Lower Upper
107 100
108 92.1 75.8 115.8
77 99.8 86.5 126.5
79 30.3 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

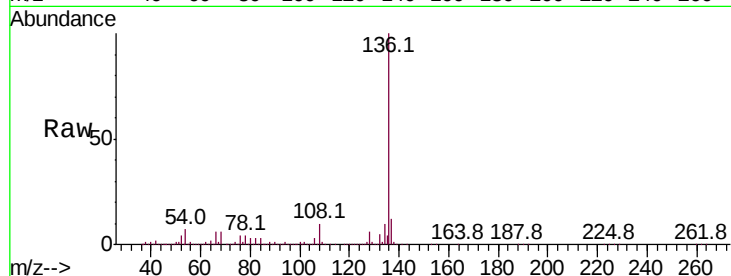
Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 1609695

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.4	5.8	8.6
68	6.2	5.0	7.4

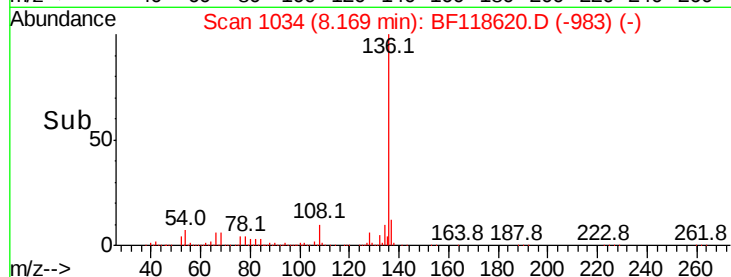


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

8.17

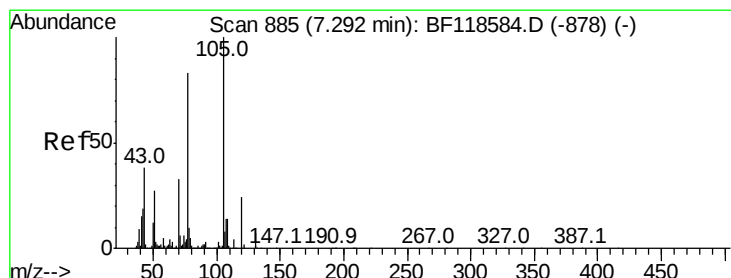
1500000

1000000

500000

0

8.10 8.15 8.20



#22

Acetophenone

Concen: 45.133 ng

RT: 7.29 min Scan# 885

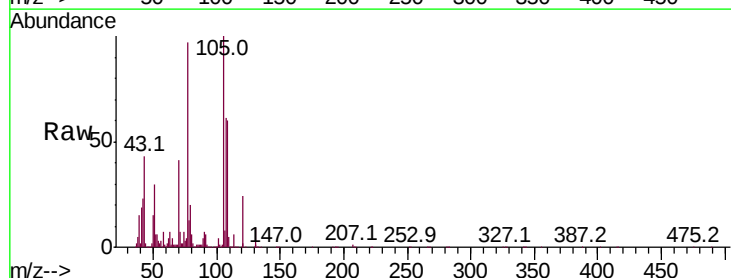
Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Tgt Ion:105 Resp: 1721018

Ion	Ratio	Lower	Upper
105	100		
71	7.1	4.5	6.7#
51	30.4	21.5	32.3
120	23.9	19.0	28.6

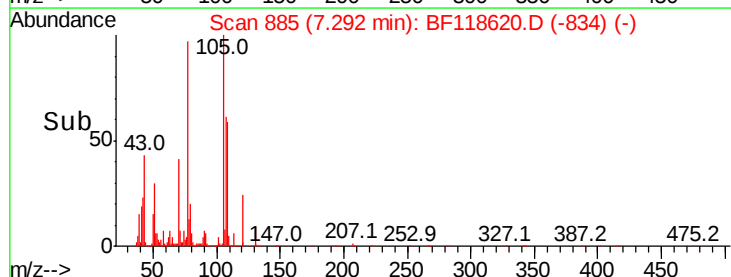


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

7.29

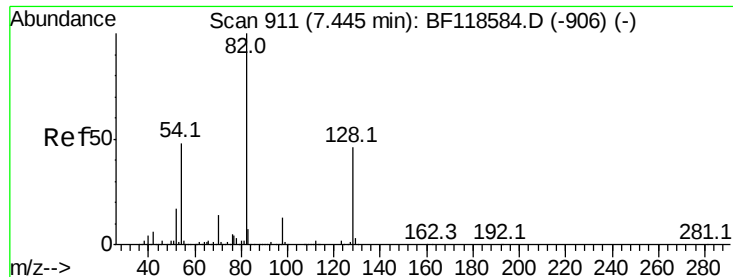
1500000

1000000

500000

0

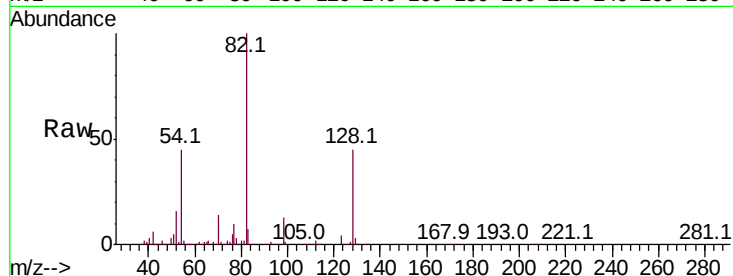
7.20 7.25 7.30 7.35



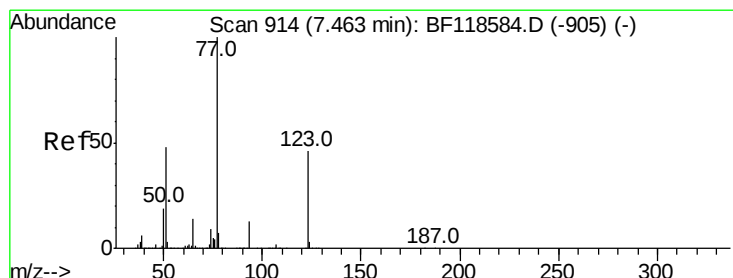
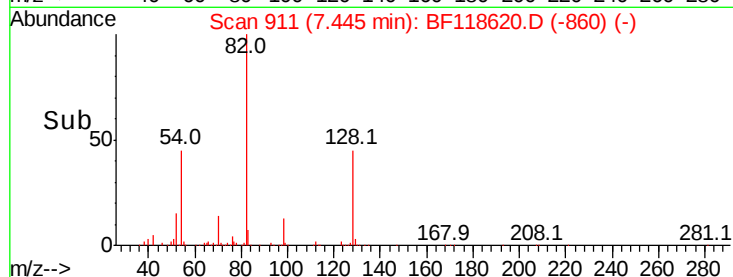
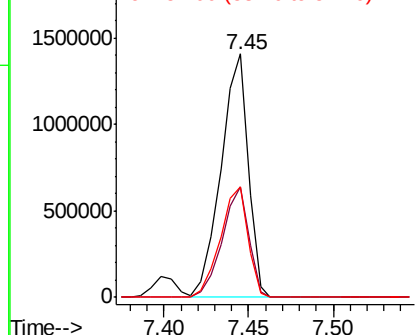
#23
 Nitrobenzene-d5
 Concen: 54.626 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1572059
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.6 54.8
 54 45.2 38.0 57.0

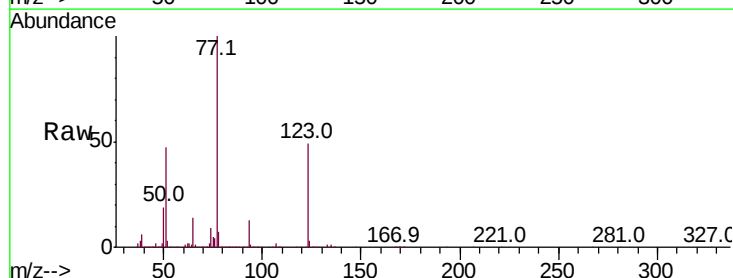


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

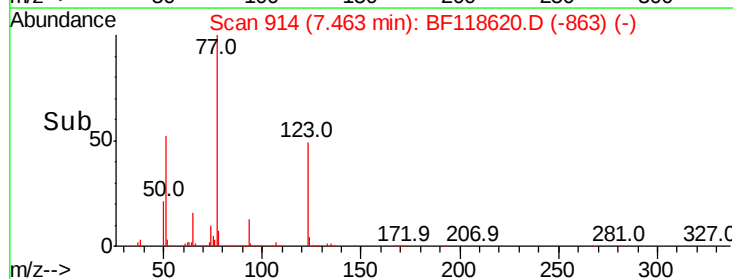
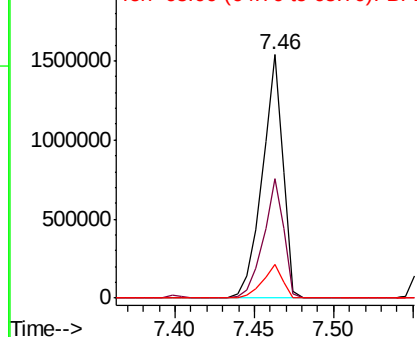


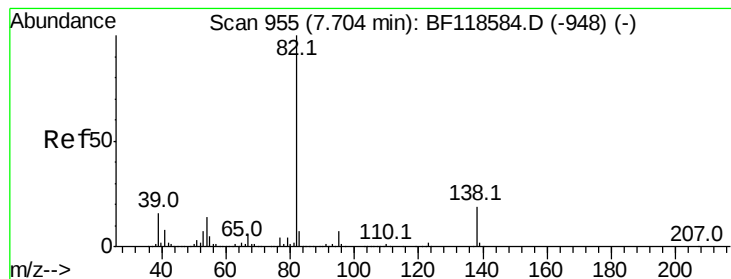
#24
 Nitrobenzene
 Concen: 47.615 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

Tgt Ion: 77 Resp: 1403079
 Ion Ratio Lower Upper
 77 100
 123 48.9 37.0 55.4
 65 13.7 11.1 16.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 48.566 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :

BNA_F

ClientSampled :

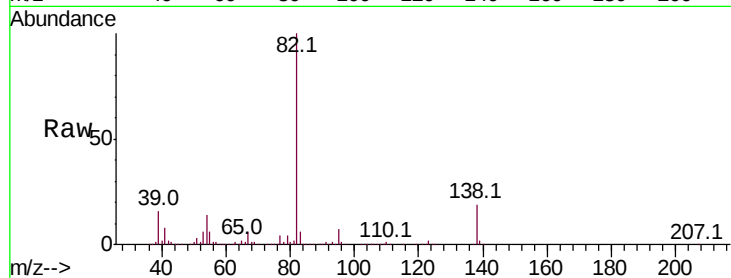
Tot Ion: 82 Resp: 2549278

Ion Ratio Lower Upper

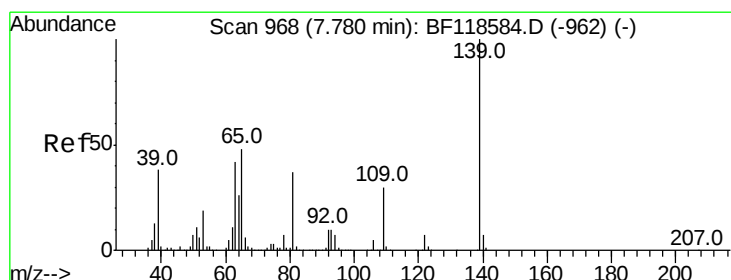
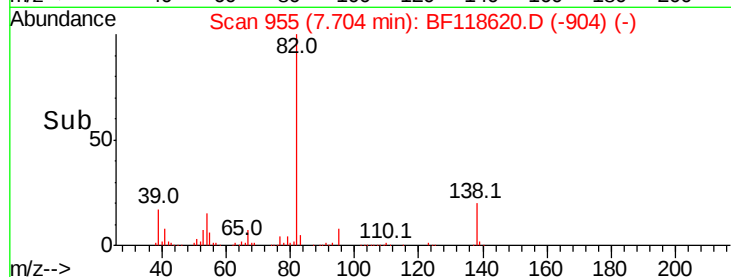
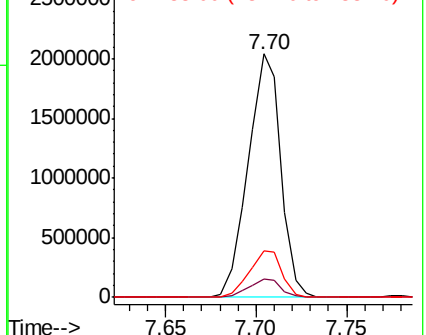
82 100

95 7.4 5.9 8.9

138 19.2 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: 47.102 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

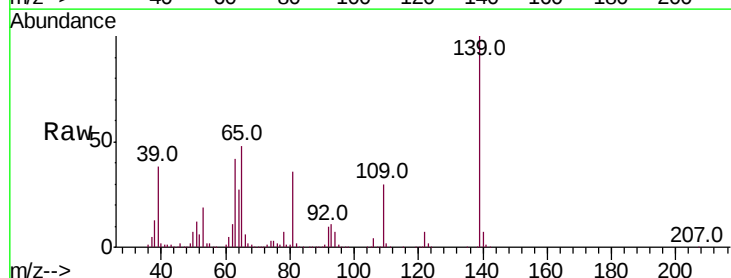
Tgt Ion: 139 Resp: 591882

Ion Ratio Lower Upper

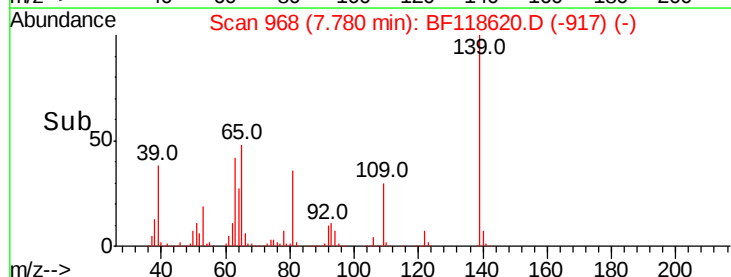
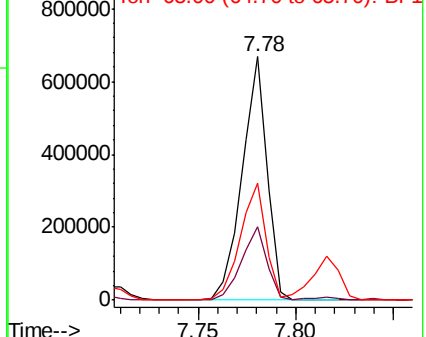
139 100

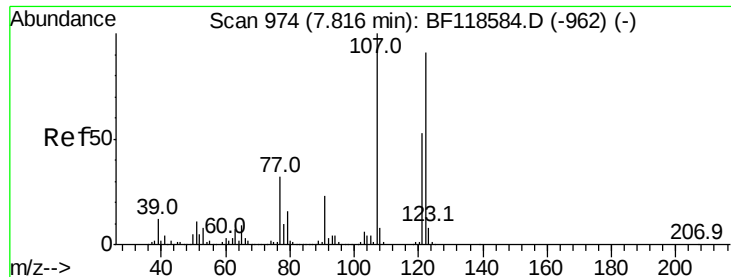
109 30.0 23.8 35.8

65 48.3 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

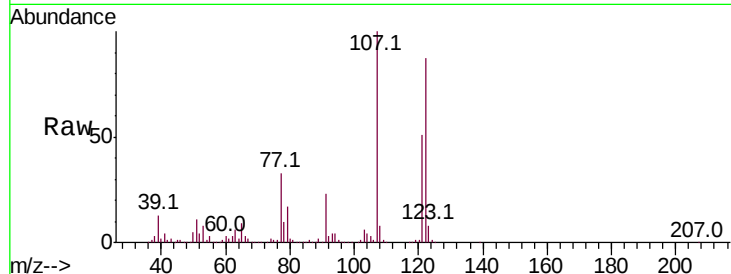




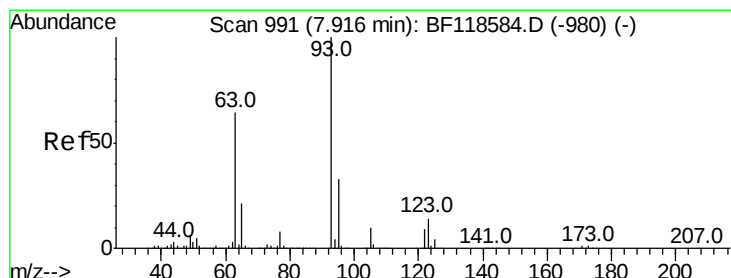
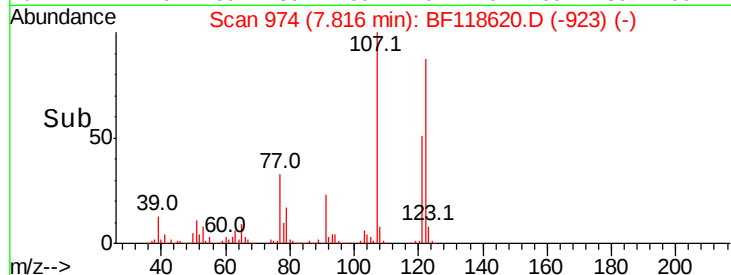
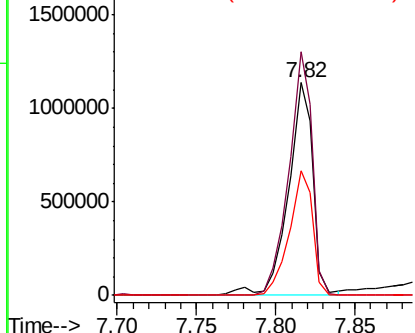
#27
 2,4-Dimethylphenol
 Concen: 55.929 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 1213619
 Ion Ratio Lower Upper
 122 100
 107 114.6 88.0 132.0
 121 58.5 46.3 69.5

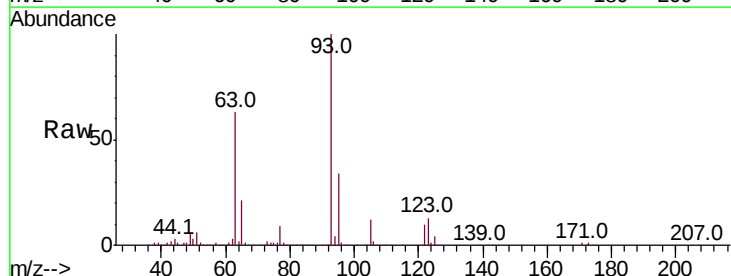


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

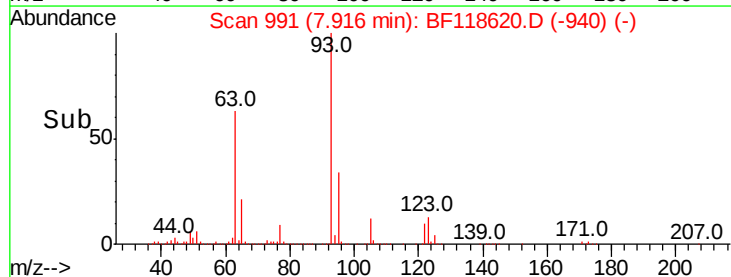
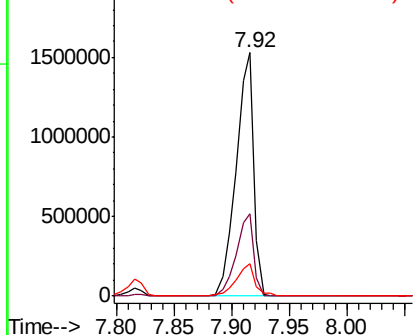


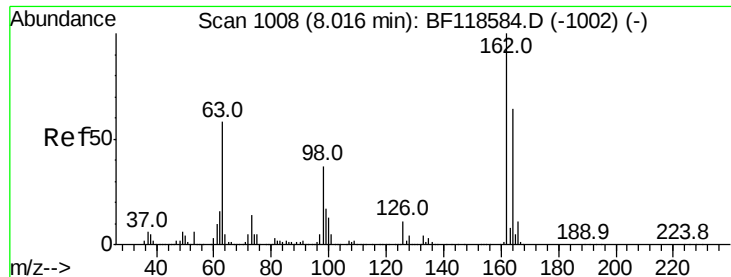
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.457 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

Tgt Ion: 93 Resp: 1605098
 Ion Ratio Lower Upper
 93 100
 95 33.9 26.7 40.1
 123 13.1 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

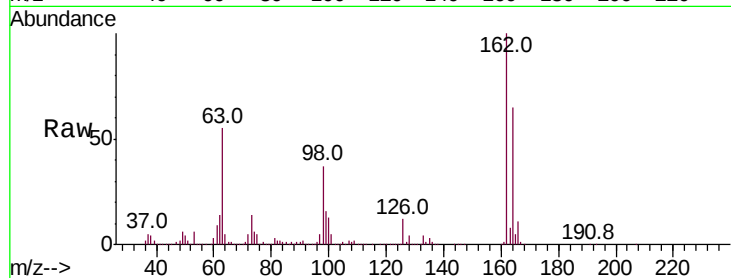




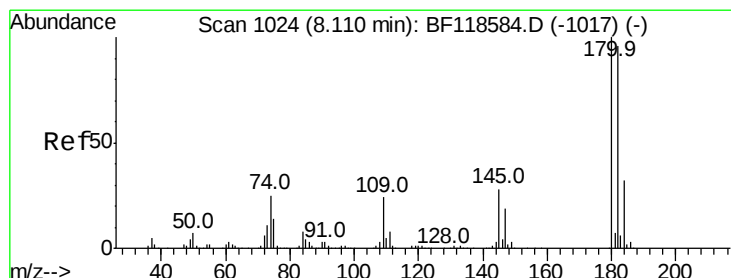
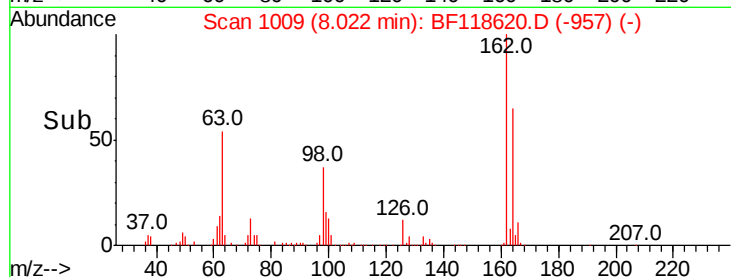
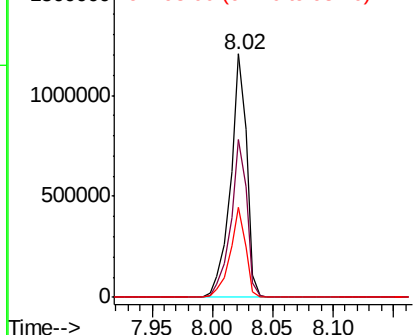
#29
2,4-Dichlorophenol
Concen: 46.894 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1124874
Ion Ratio Lower Upper
162 100
164 64.9 44.3 84.3
98 36.9 17.5 57.5

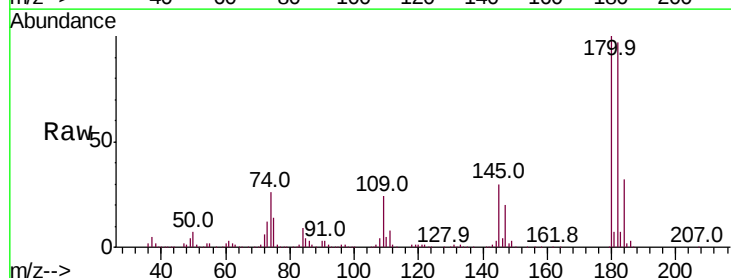


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

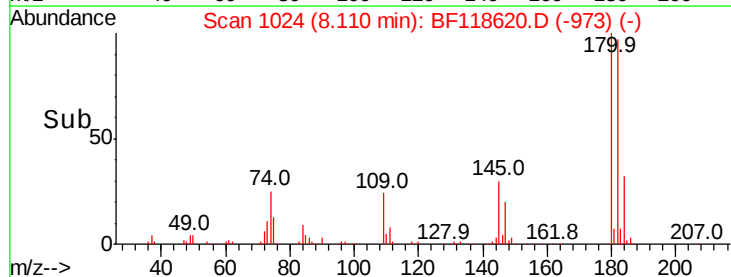
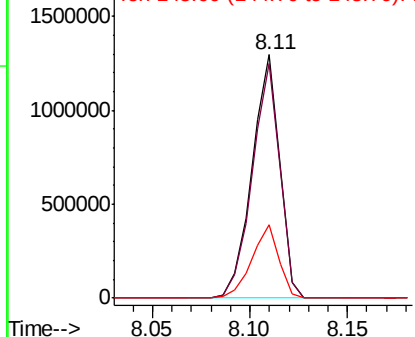


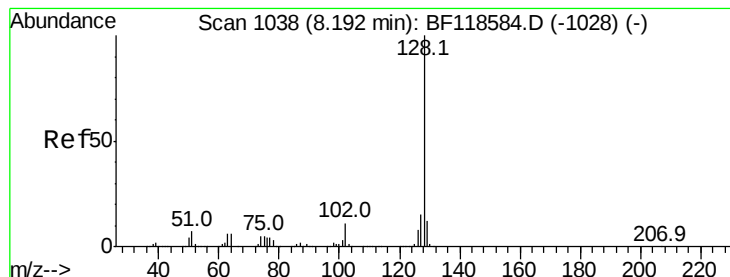
#30
1,2,4-Trichlorobenzene
Concen: 45.507 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion:180 Resp: 1265675
Ion Ratio Lower Upper
180 100
182 96.6 76.9 115.3
145 30.0 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





#31

Naphthalene

Concen: 47.279 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :

BNA_F

ClientSampleId :

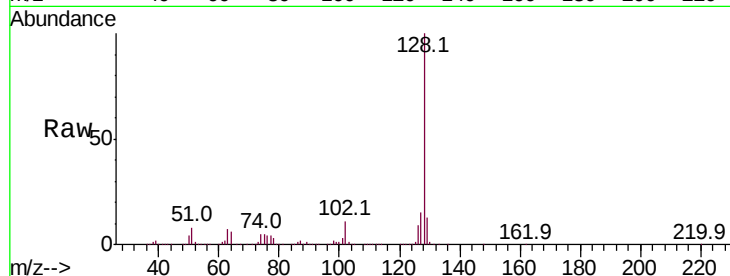
Tot Ion:128 Resp: 3437908

Ion Ratio Lower Upper

128 100

129 12.9 9.9 14.9

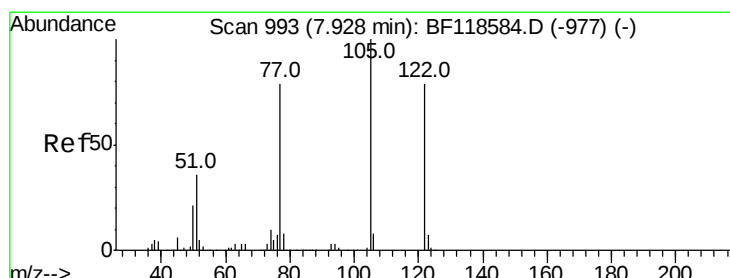
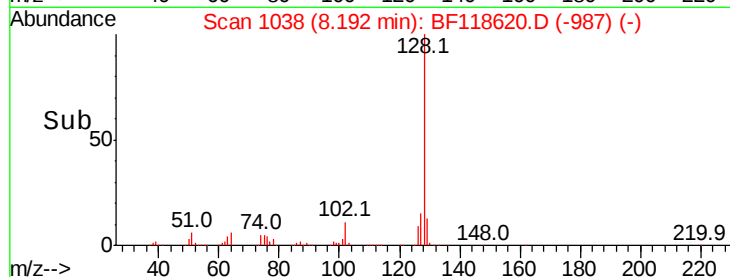
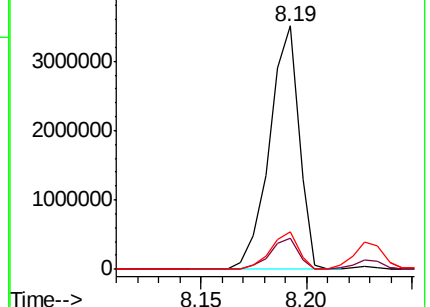
127 15.3 12.0 18.0



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: 29.553 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

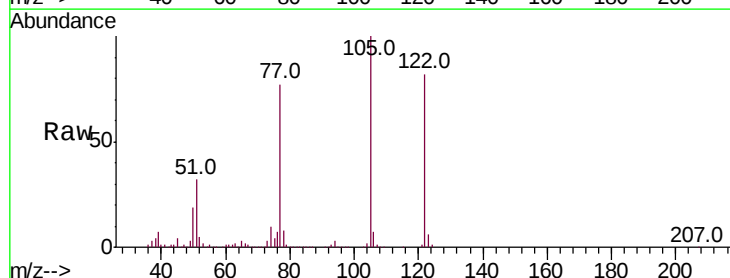
Tgt Ion:122 Resp: 481278

Ion Ratio Lower Upper

122 100

105 121.5 104.3 144.3

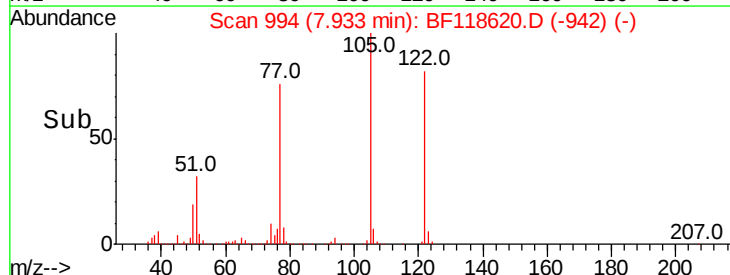
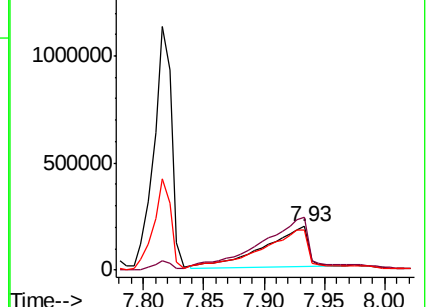
77 93.1 79.4 119.4

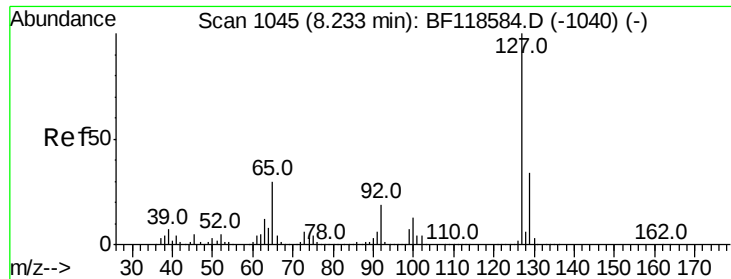


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

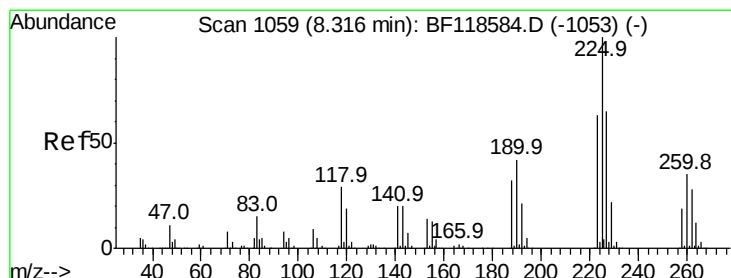
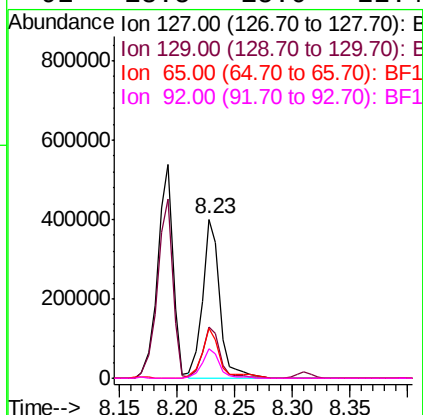
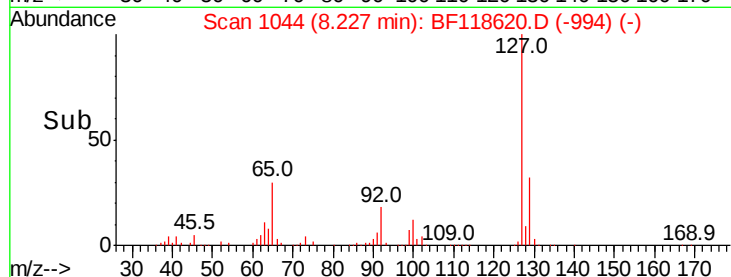
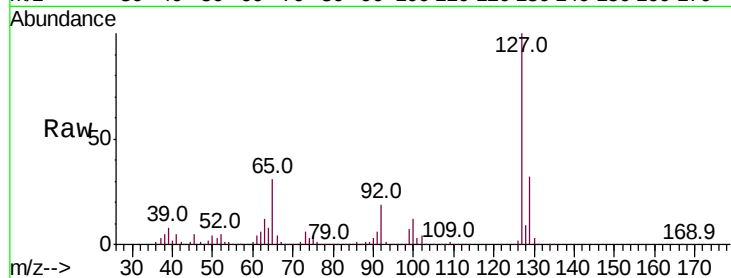




#33
4-Chloroaniline
Concen: 12.497 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

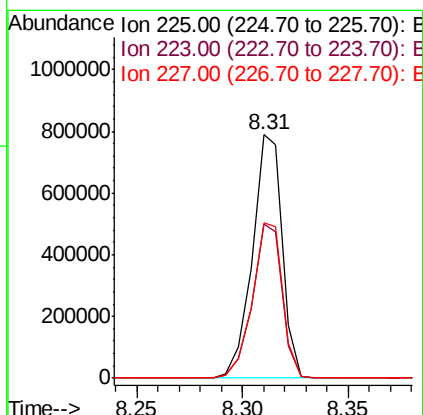
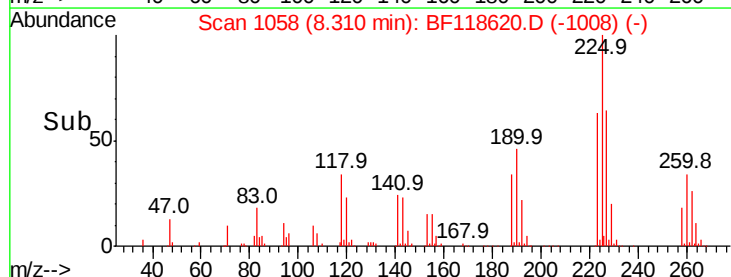
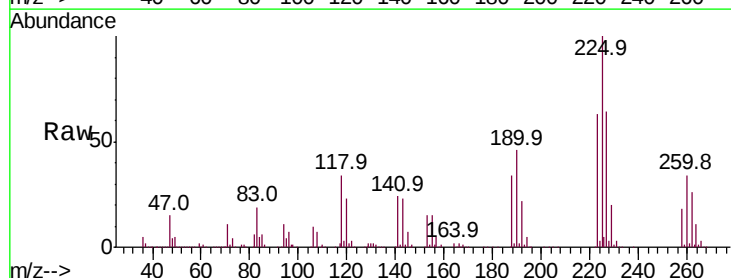
Instrument :
BNA_F
ClientSampleId :

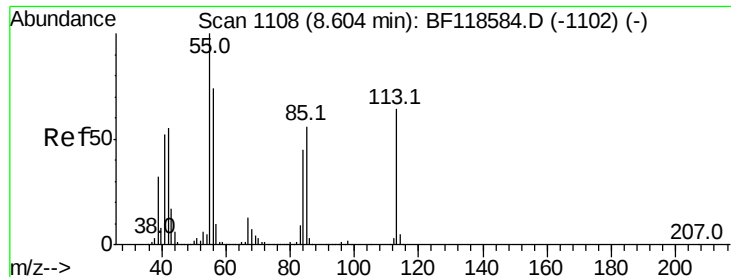
Tot Ion:	127	Resp:	420012
Ion	Ratio	Lower	Upper
127	100		
129	32.2	27.4	41.0
65	31.5	23.6	35.4
92	18.5	15.0	22.4



#34
Hexachlorobutadiene
Concen: 45.852 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion:	225	Resp:	776614
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.2	75.4
227	63.9	52.1	78.1





#35

Caprolactam

Concen: 43.956 ng

RT: 8.61 min Scan# 1109

Delta R.T. 0.01 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :

BNA_F

ClientSampleId :

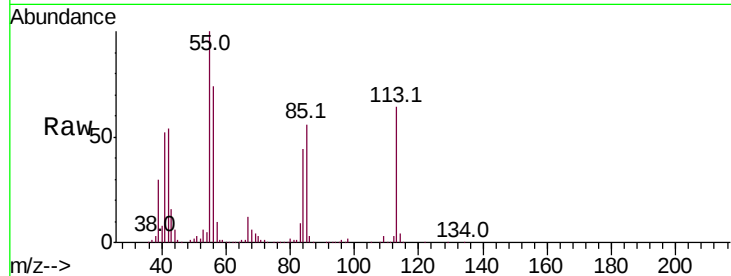
Tot Ion:113 Resp: 345052

Ion Ratio Lower Upper

113 100

55 156.4 136.1 176.1

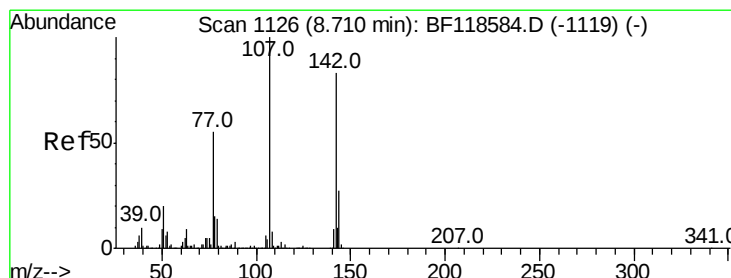
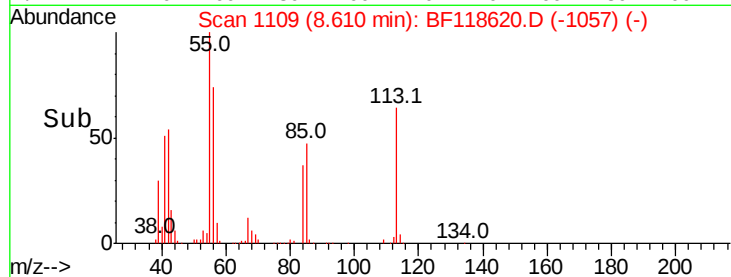
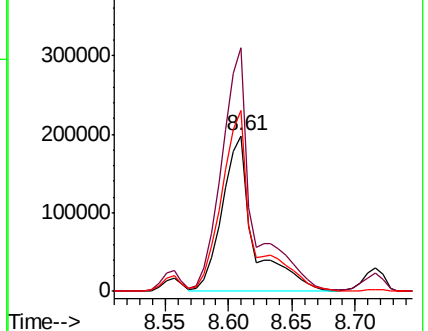
56 116.1 95.2 135.2



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: 46.096 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

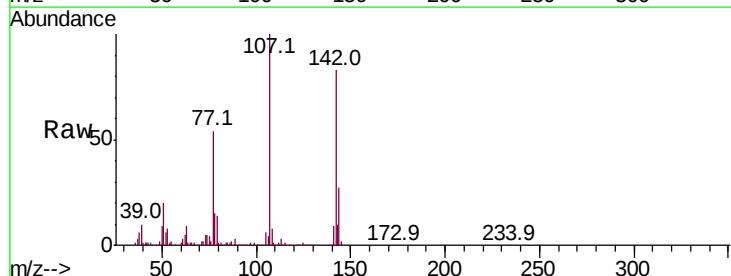
Tgt Ion:107 Resp: 1091896

Ion Ratio Lower Upper

107 100

144 27.3 21.8 32.8

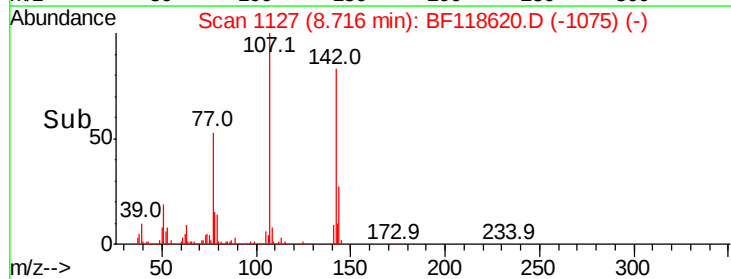
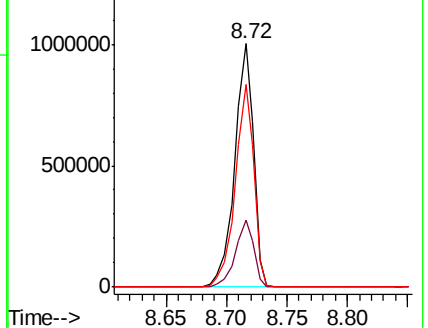
142 83.2 66.5 99.7

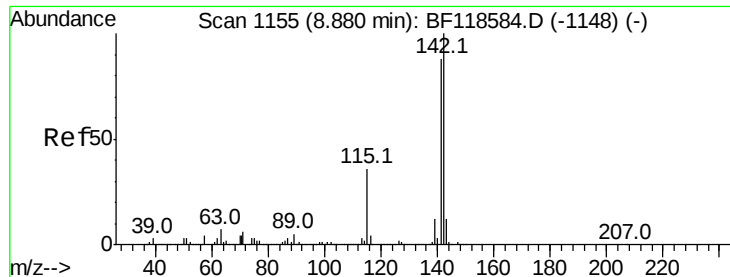


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

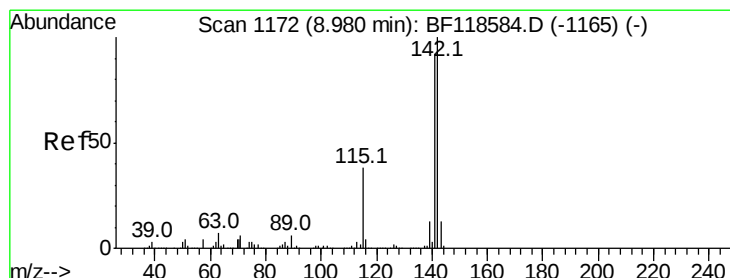
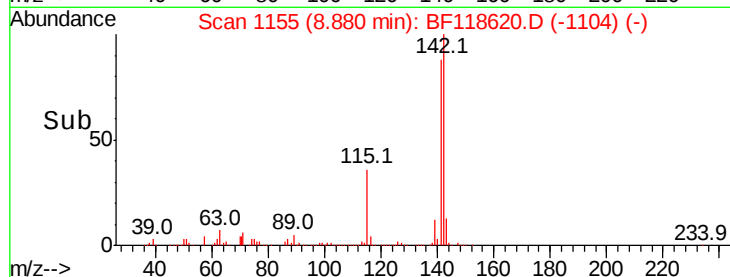
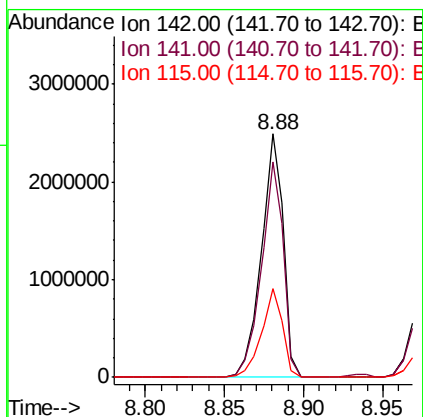
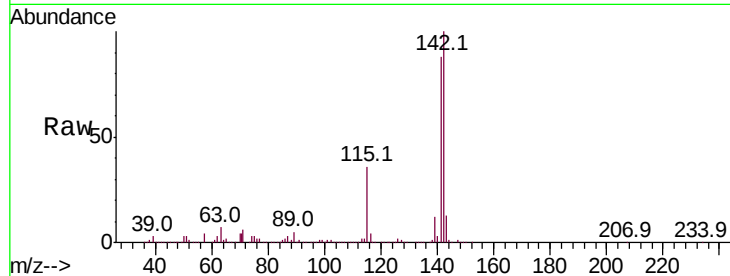




#37
2-Methylnaphthalene
Concen: 47.050 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

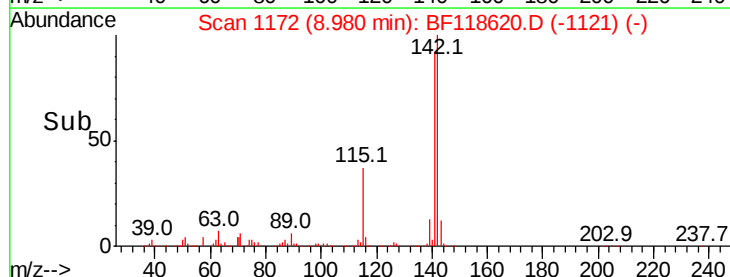
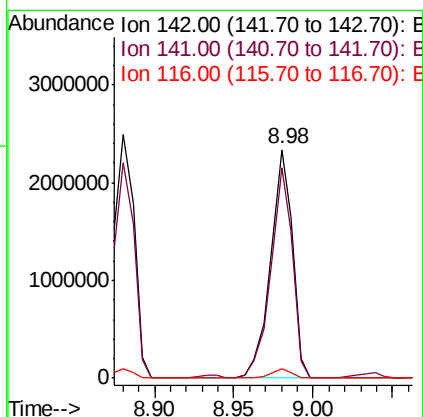
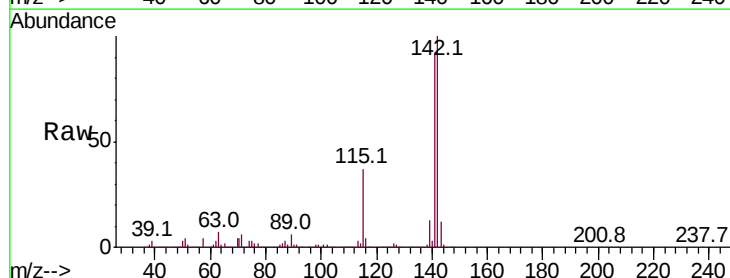
Instrument :
BNA_F
ClientSampleId :

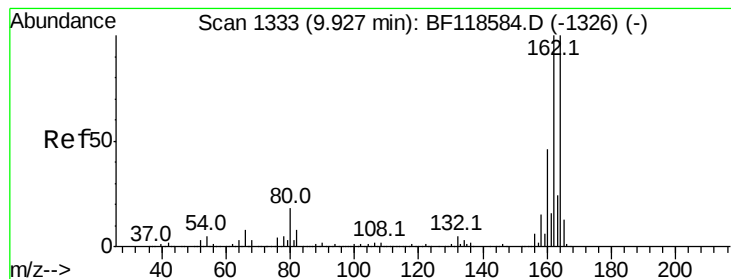
Tot Ion:142 Resp: 2414905
Ion Ratio Lower Upper
142 100
141 88.4 70.7 106.1
115 36.2 28.5 42.7



#38
1-Methylnaphthalene
Concen: 46.462 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion:142 Resp: 2265624
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.2
116 4.0 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :

BNA_F

ClientSampled :

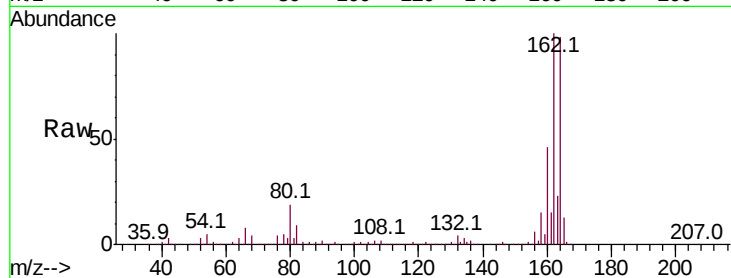
Tot Ion:164 Resp: 787478

Ion Ratio Lower Upper

164 100

162 102.2 80.4 120.6

160 46.6 36.6 55.0

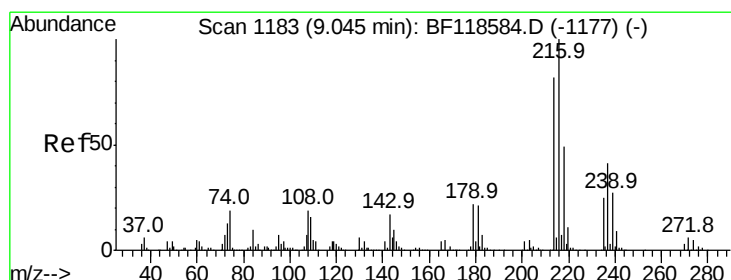
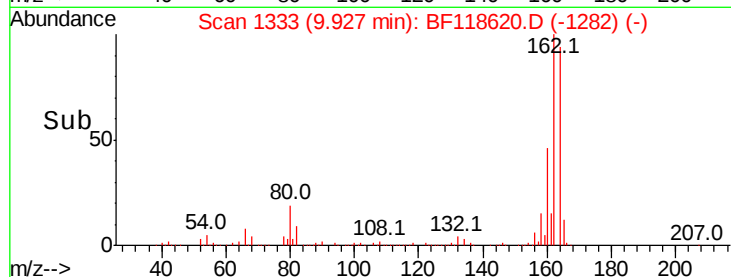
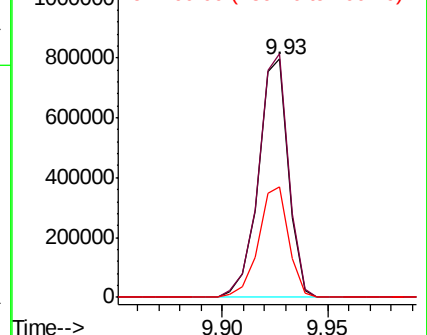


Abundance

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: 50.421 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.01 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Tgt Ion:216 Resp: 1242363

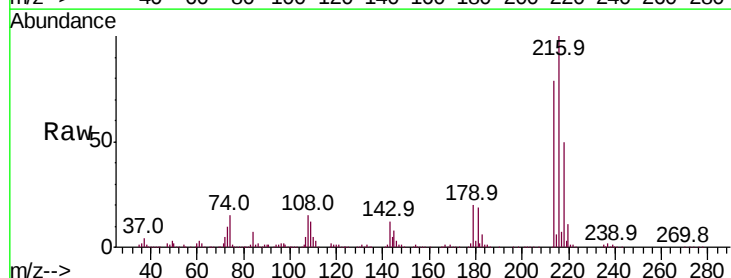
Ion Ratio Lower Upper

216 100

214 79.5 64.2 96.2

179 20.7 16.6 25.0

108 17.5 14.4 21.6



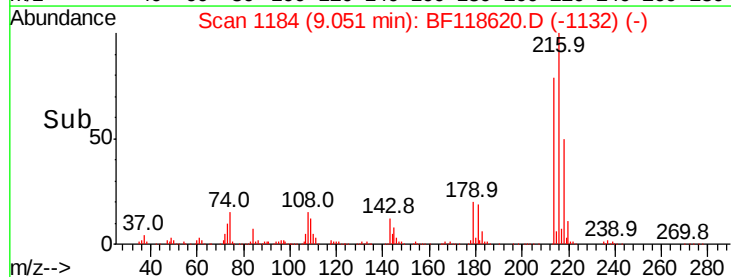
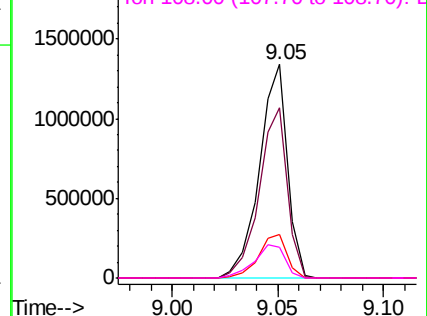
Abundance

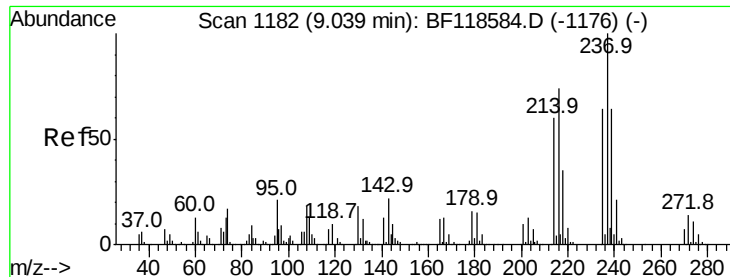
Ion 216.00 (215.70 to 216.70): E

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: 38.913 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :

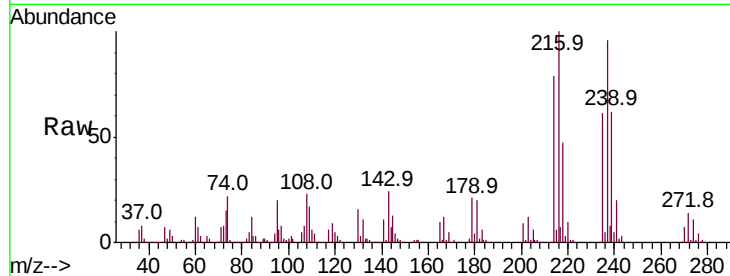
Tot Ion:237 Resp: 483745

Ion Ratio Lower Upper

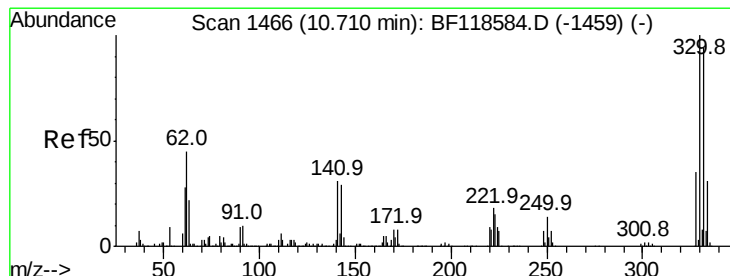
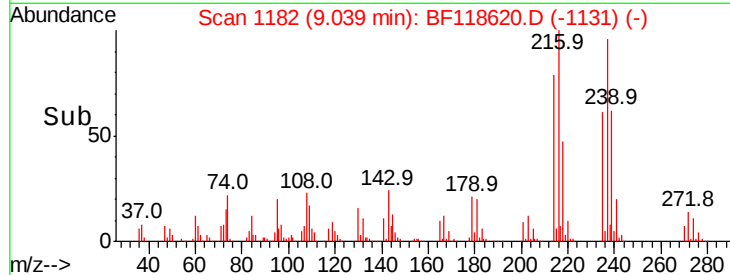
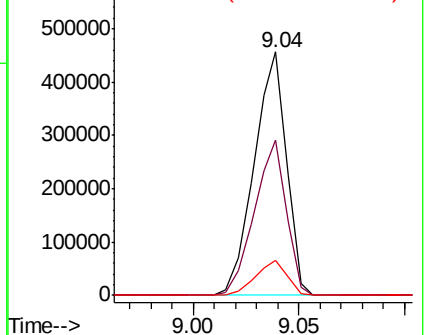
237 100

235 63.6 44.0 84.0

272 14.2 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: 66.120 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

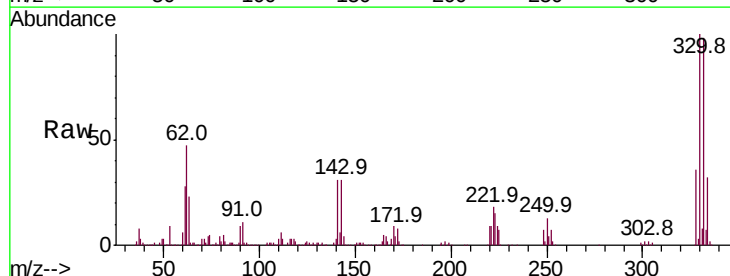
Tgt Ion:330 Resp: 602237

Ion Ratio Lower Upper

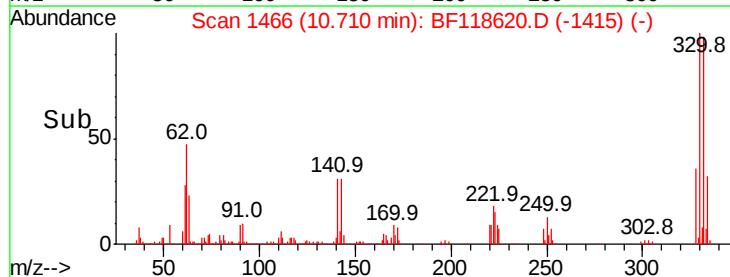
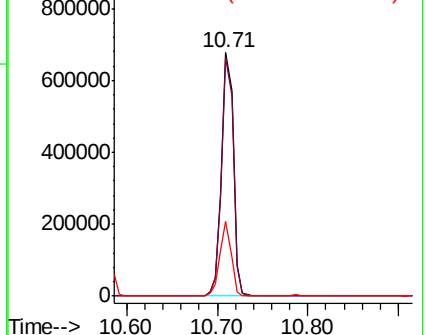
330 100

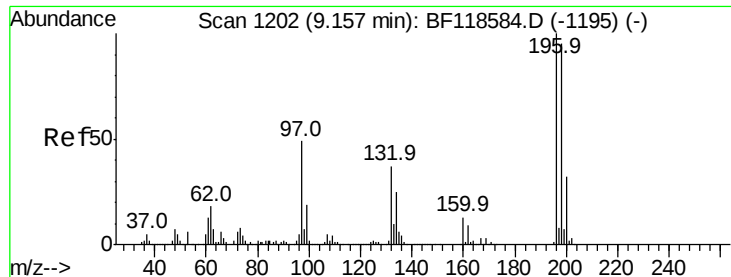
332 97.7 76.2 114.4

141 29.3 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

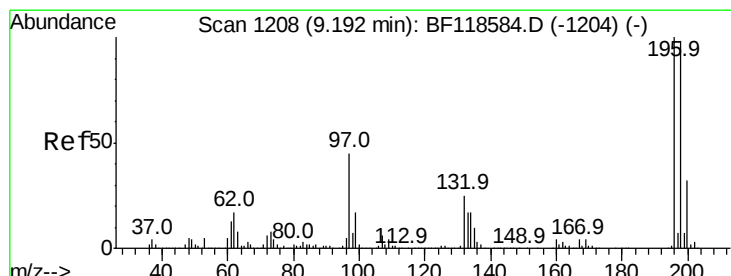
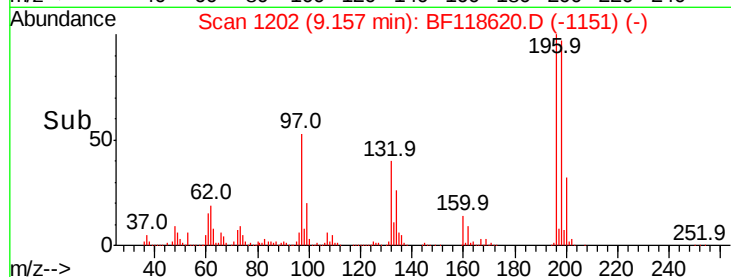
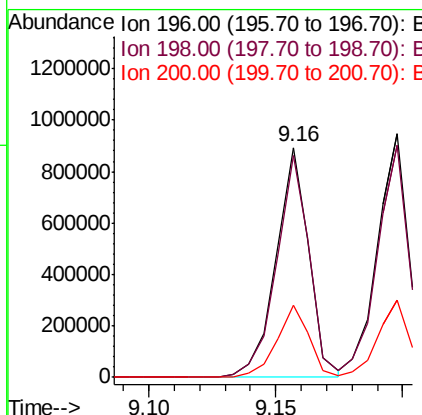
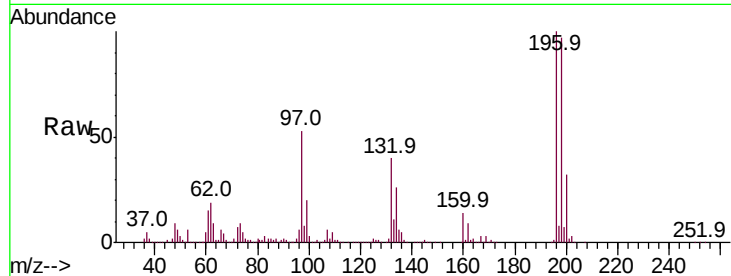




#43
 2,4,6-Trichlorophenol
 Concen: 49.471 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

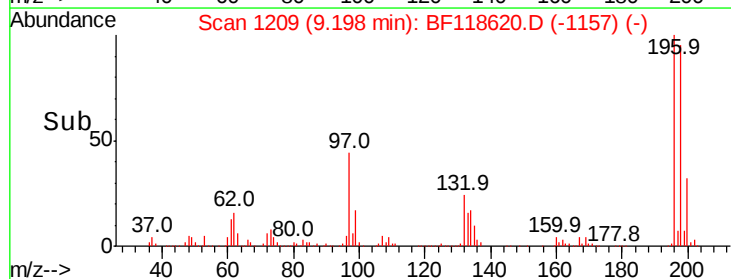
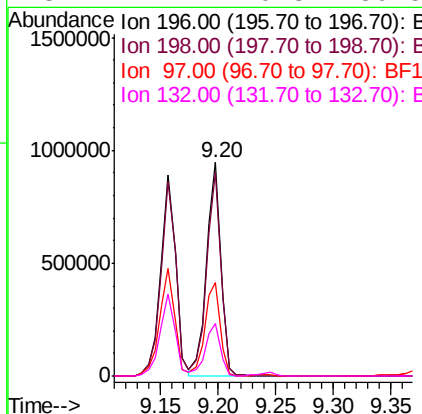
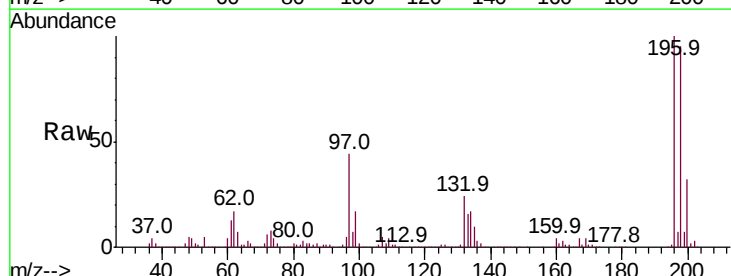
Instrument :
 BNA_F
 ClientSampleId :

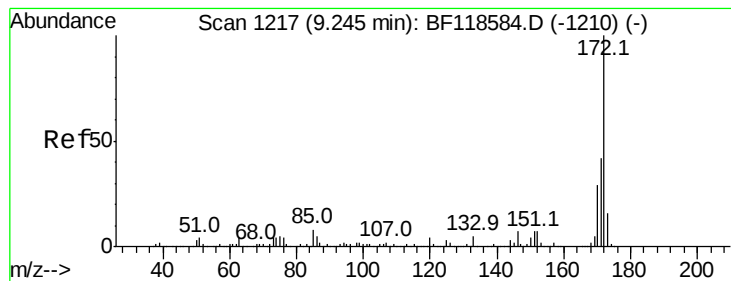
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.3	114.5
200	31.6	25.4	38.2



#44
 2,4,5-Trichlorophenol
 Concen: 49.017 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	78.3	117.5
97	43.7	35.9	53.9
132	24.4	20.3	30.5





#45

2-Fluorobiphenyl

Concen: 61.052 ng

RT: 9.25 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

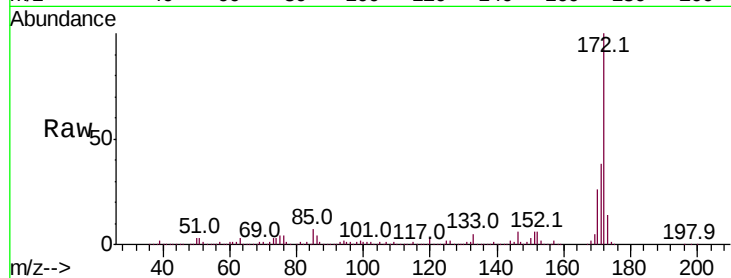
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 2925100

Ion	Ratio	Lower	Upper
172	100		
171	38.5	33.4	50.2
170	26.3	23.2	34.8

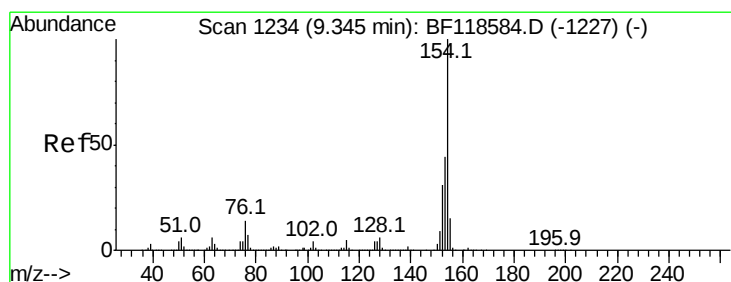
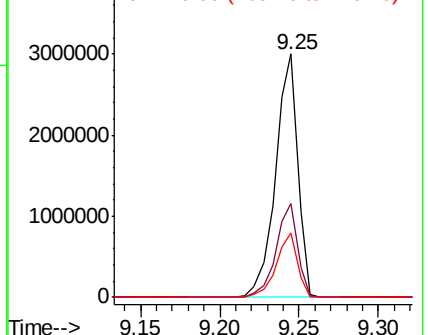
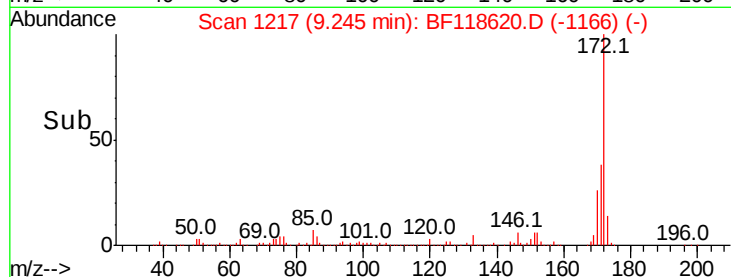


Abundance

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: 51.248 ng

RT: 9.35 min Scan# 1234

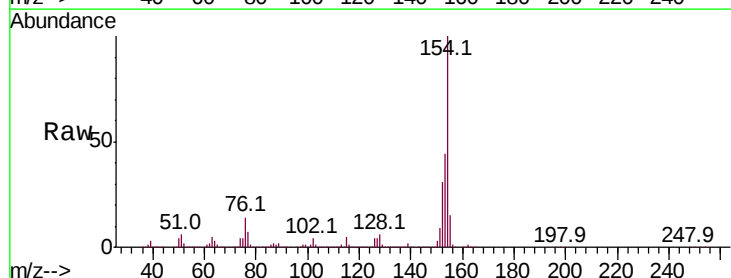
Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Tgt Ion:154 Resp: 2781394

Ion	Ratio	Lower	Upper
154	100		
153	43.7	23.8	63.8
76	14.2	0.0	34.3

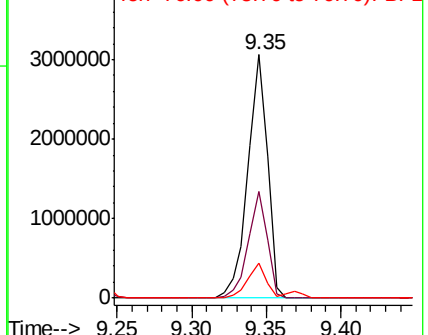
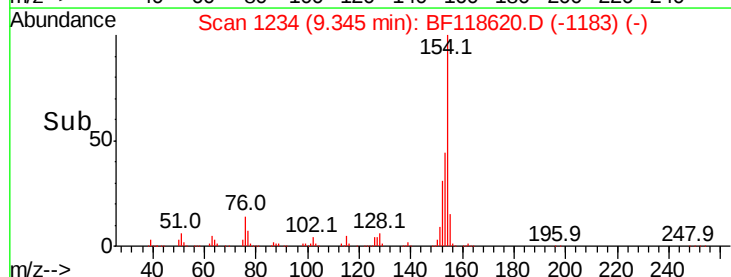


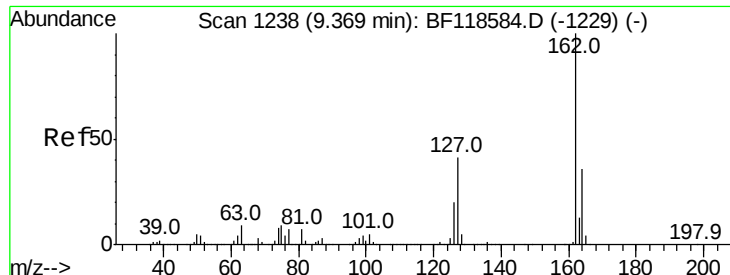
Abundance

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



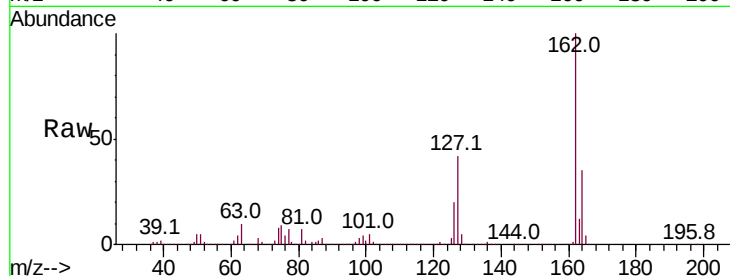


#47
 2-Chloronaphthalene
 Concen: 47.942 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

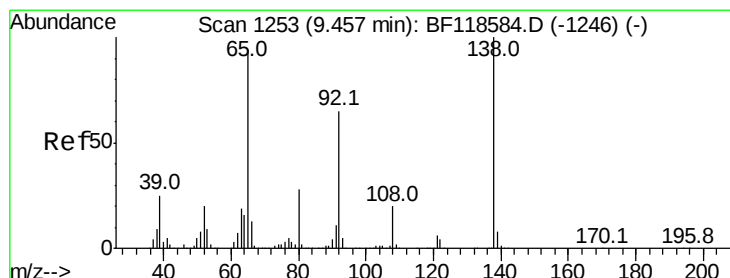
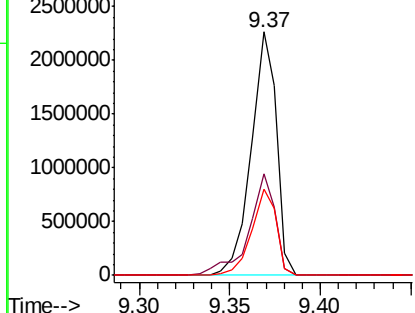
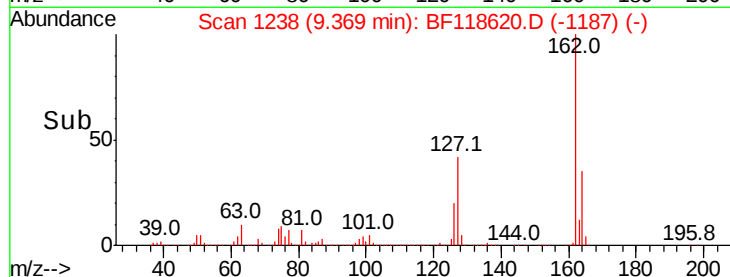
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 2193116

Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.0	49.6
164	35.4	28.6	42.8



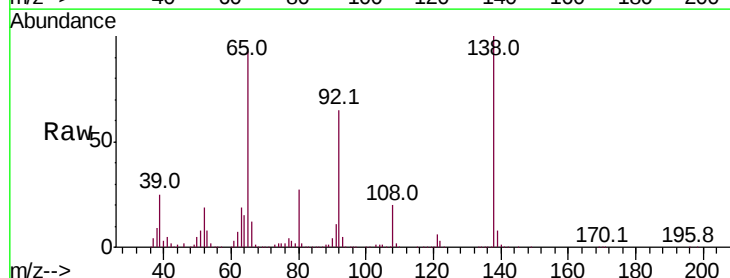
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



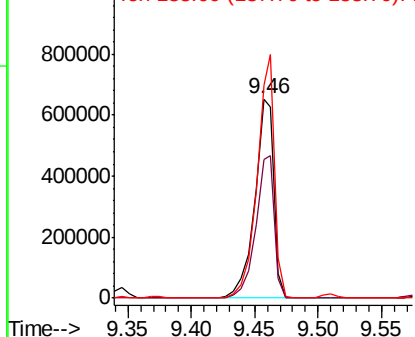
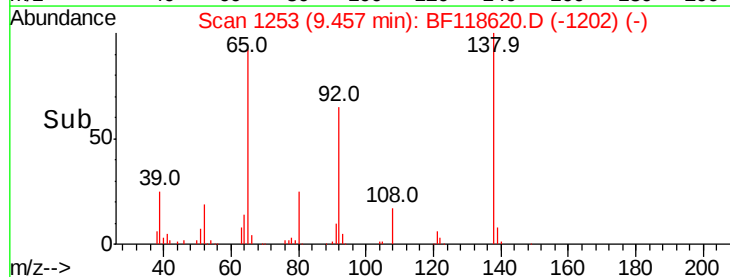
#48
 2-Nitroaniline
 Concen: 49.166 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

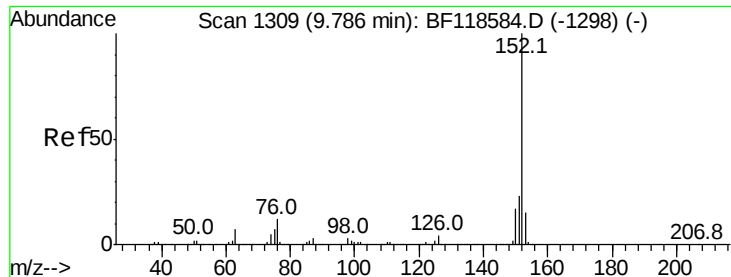
Tgt Ion: 65 Resp: 691372

Ion	Ratio	Lower	Upper
65	100		
92	69.7	55.4	83.0
138	107.3	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: 49.728 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

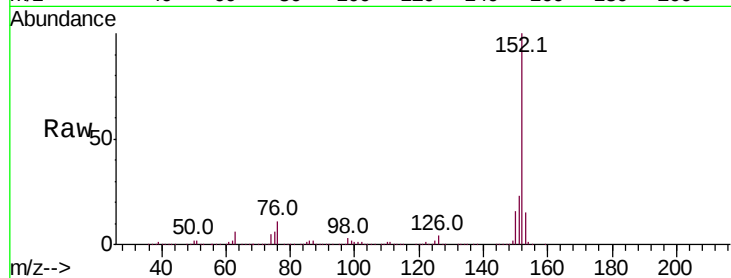
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 3200232

Ion	Ratio	Lower	Upper
152	100		
151	22.7	18.6	27.8
153	15.3	12.2	18.4

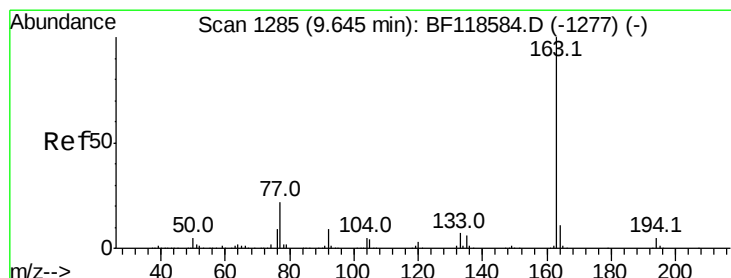
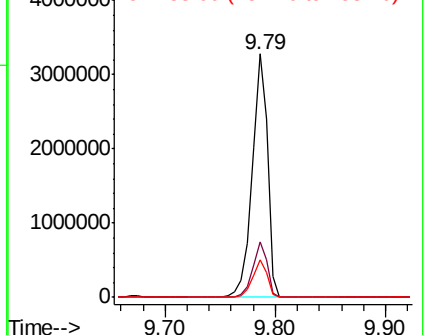
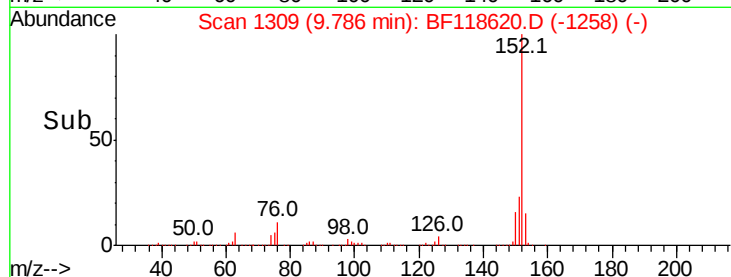


Abundance

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: 53.872 ng

RT: 9.65 min Scan# 1285

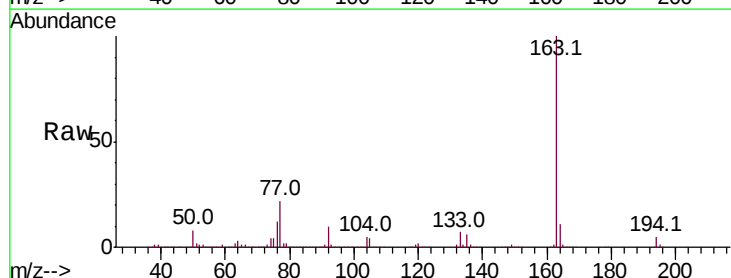
Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Tgt Ion:163 Resp: 2763899

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.9	5.9
164	11.2	9.1	13.7

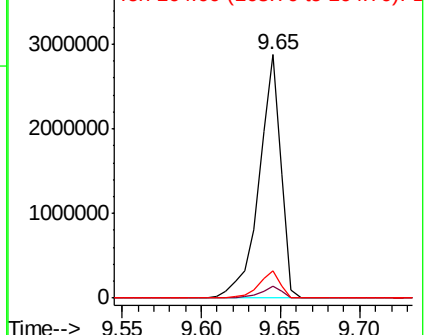
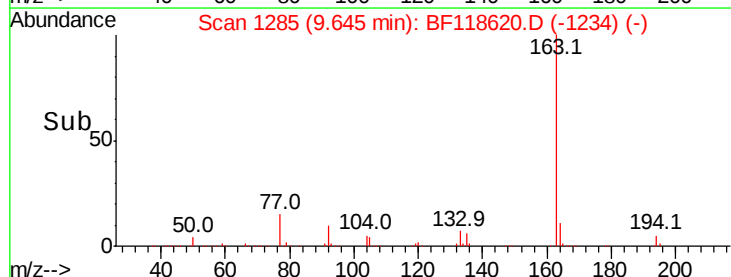


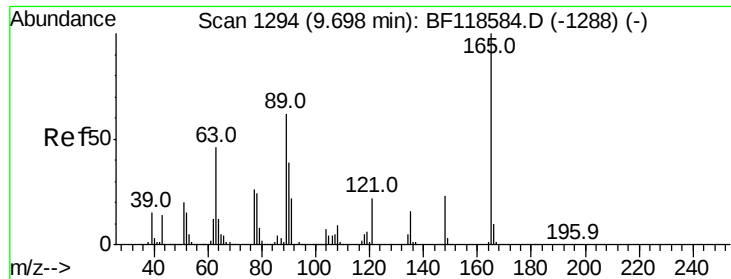
Abundance

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

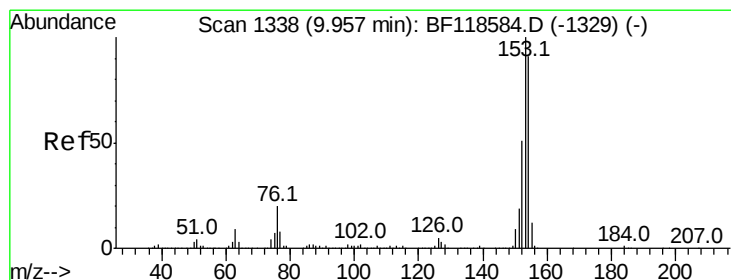
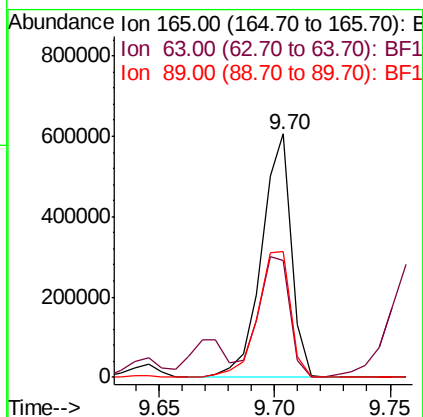
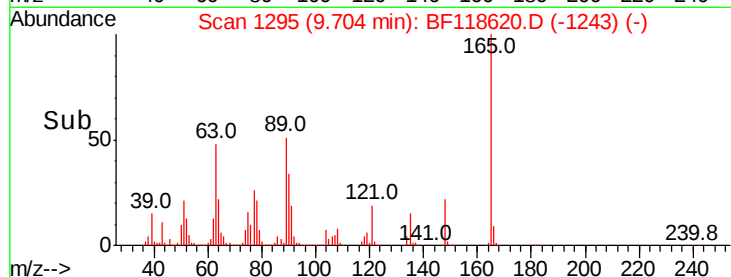
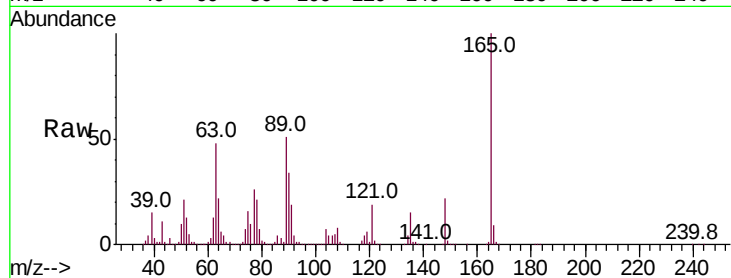




#51
2,6-Dinitrotoluene
Concen: 47.357 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

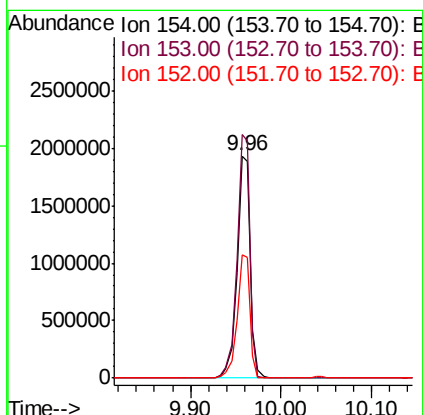
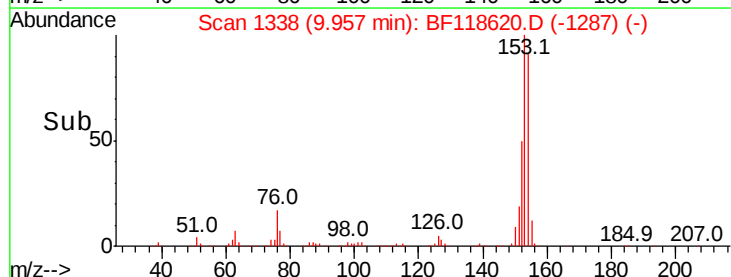
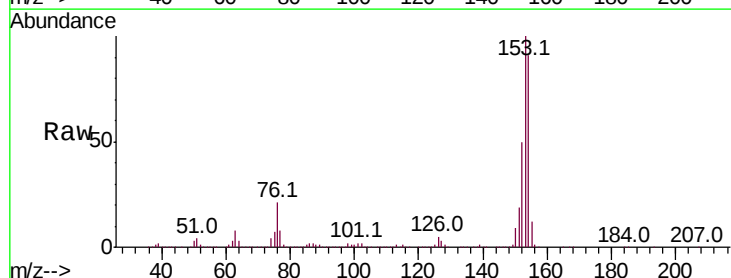
Instrument :
BNA_F
ClientSampleId :

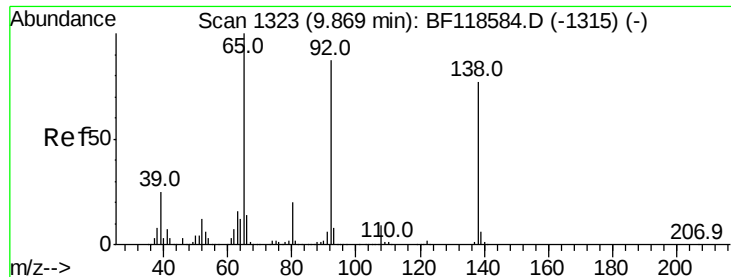
Tot Ion:165 Resp: 544067
Ion Ratio Lower Upper
165 100
63 48.1 48.9 73.3#
89 51.4 49.8 74.6



#52
Acenaphthene
Concen: 46.208 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion:154 Resp: 1988445
Ion Ratio Lower Upper
154 100
153 109.5 87.6 131.4
152 55.2 44.4 66.6

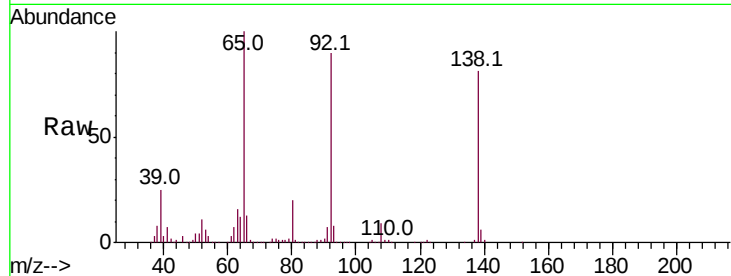




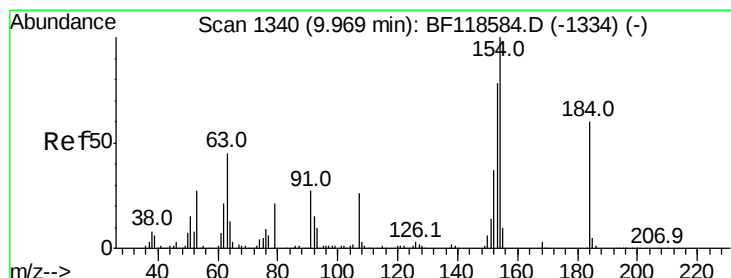
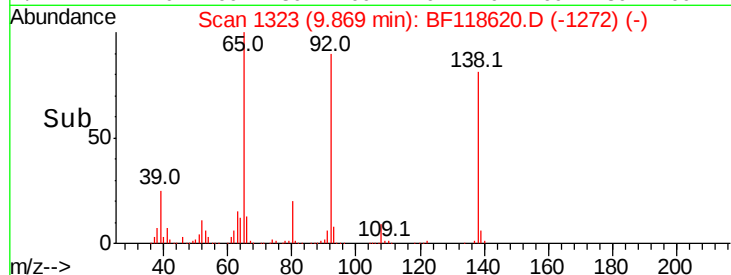
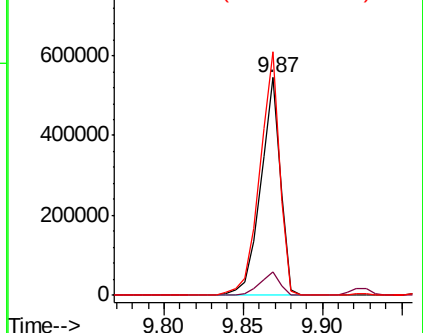
#53
3-Nitroaniline
Concen: 36.338 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 476707
Ion Ratio Lower Upper
138 100
108 10.7 9.6 14.4
92 111.9 90.6 136.0

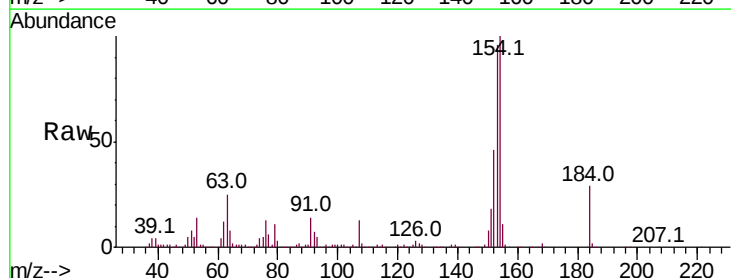


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

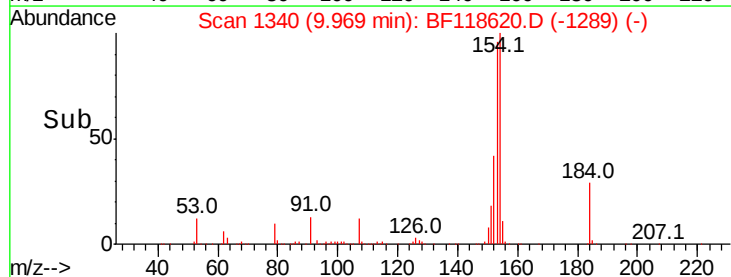
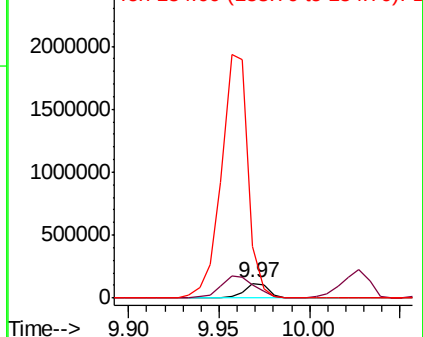


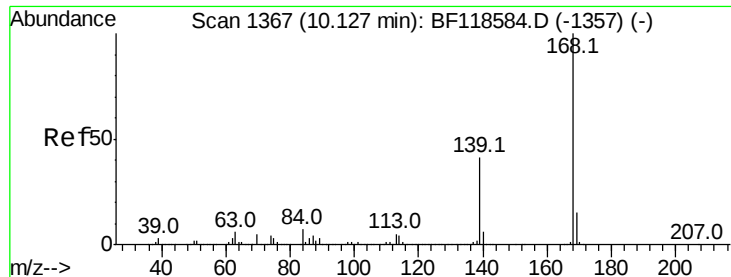
#54
2,4-Dinitrophenol
Concen: 24.120 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion:184 Resp: 110630
Ion Ratio Lower Upper
184 100
63 88.4 60.6 90.8
154 349.6 137.3 205.9#



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

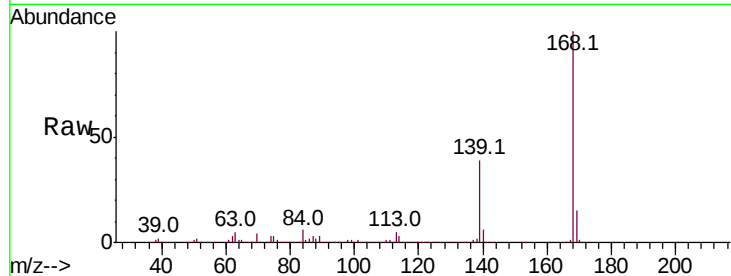




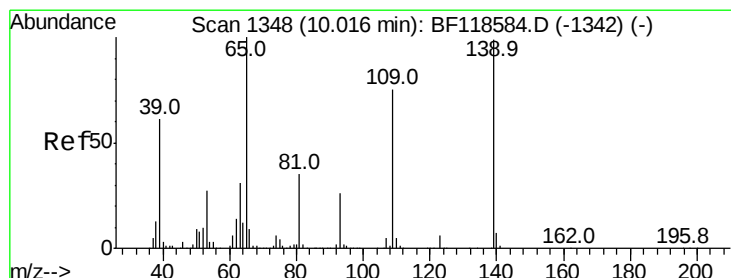
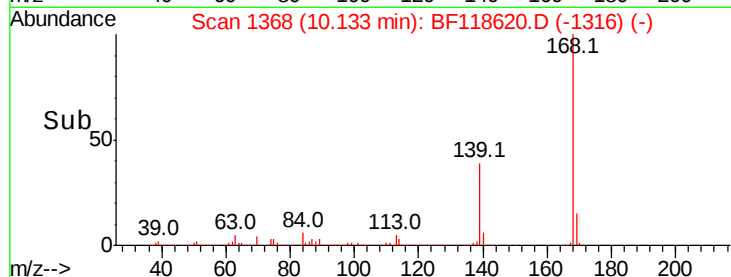
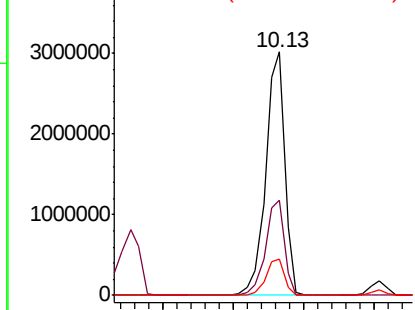
#55
Dibenzofuran
Concen: 48.465 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2890180
Ion Ratio Lower Upper
168 100
139 39.0 32.7 49.1
169 14.7 12.2 18.2

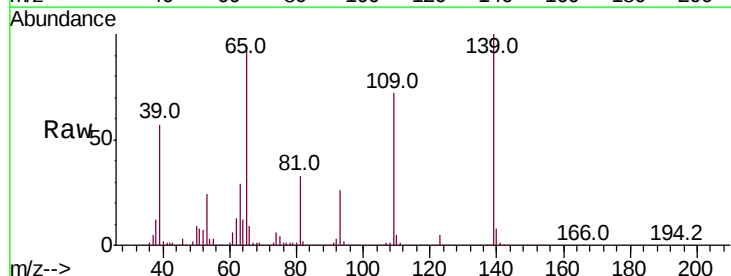


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

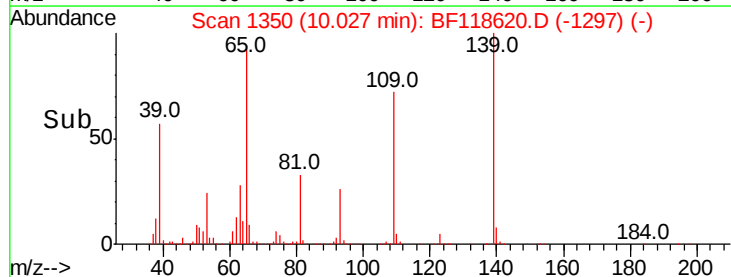
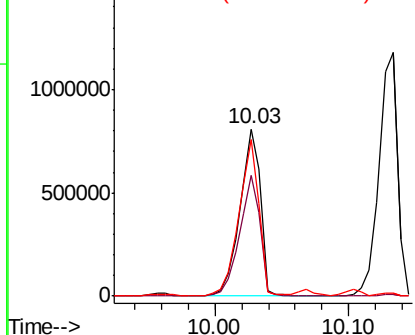


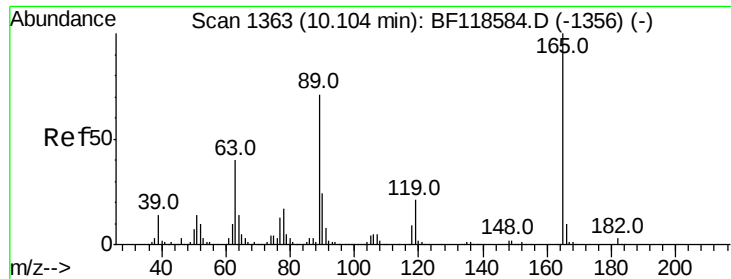
#56
4-Nitrophenol
Concen: 87.199 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion:139 Resp: 863549
Ion Ratio Lower Upper
139 100
109 72.2 56.0 96.0
65 93.9 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

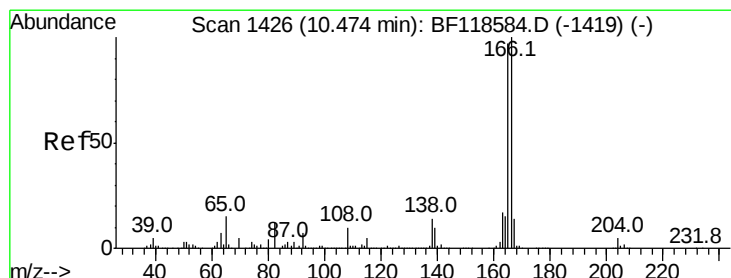
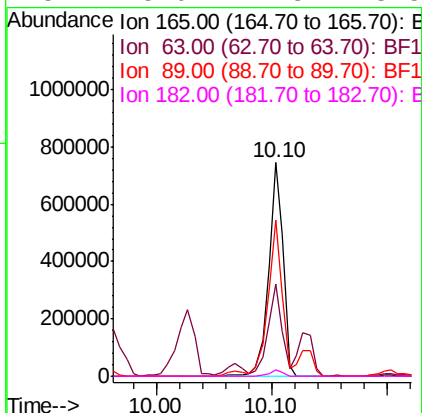
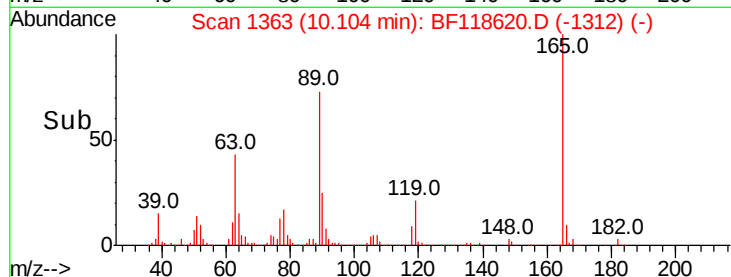
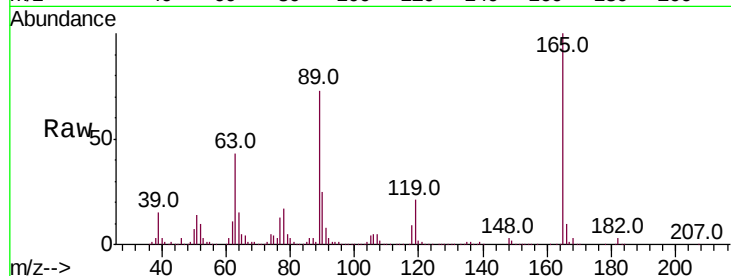




#57
 2,4-Dinitrotoluene
 Concen: 45.168 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

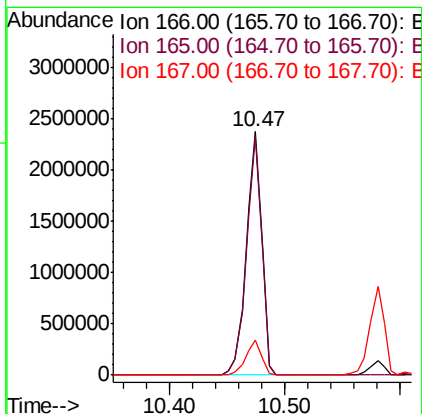
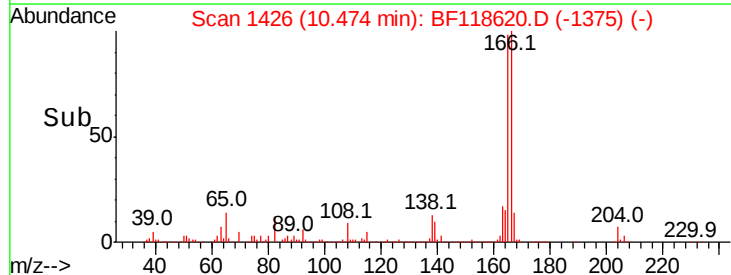
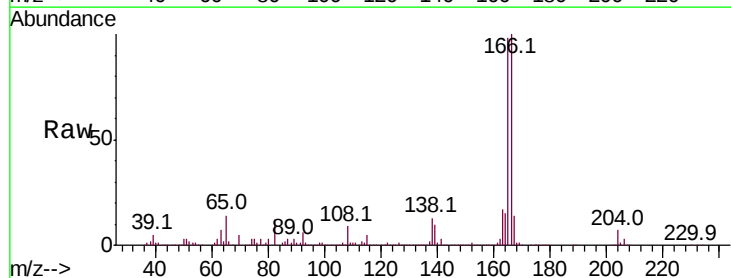
Instrument :
 BNA_F
 ClientSampled :

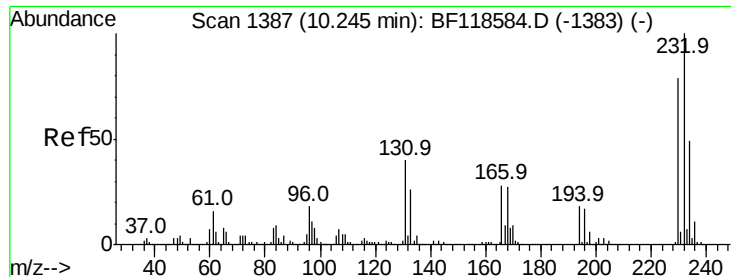
Tot Ion:	165	Resp:	654176
Ion	Ratio	Lower	Upper
165	100		
63	43.4	32.4	48.6
89	73.2	56.4	84.6
182	3.0	2.3	3.5



#58
 Fluorene
 Concen: 46.573 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

Tgt Ion:	166	Resp:	2180357
Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.3	115.9
167	14.5	11.5	17.3

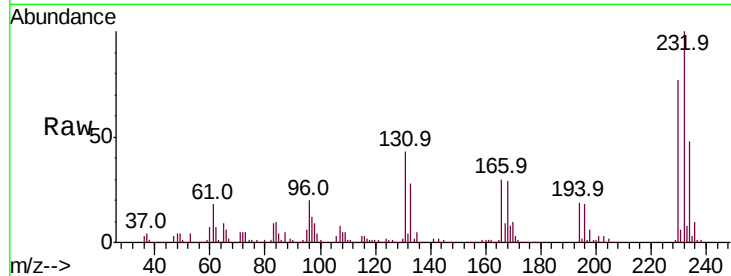




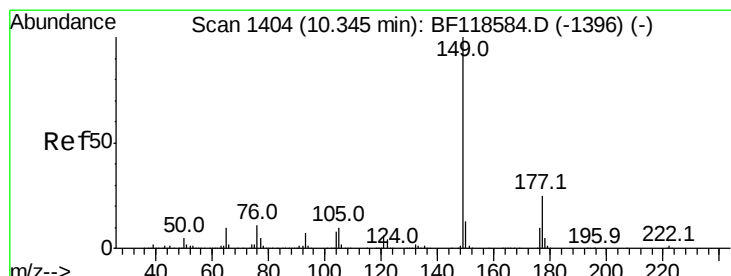
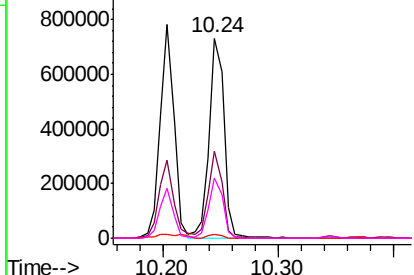
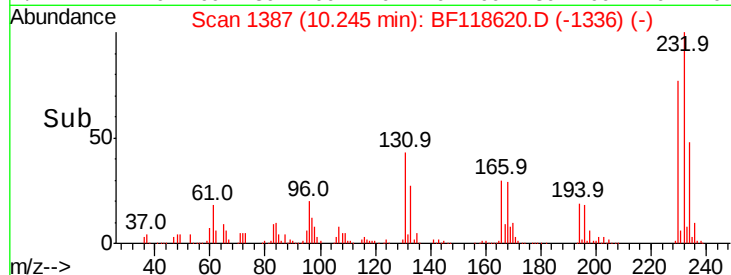
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.986 ng
 RT: 10.24 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	660727
Ion	Ratio	Lower	Upper
232	100		
131	40.4	33.2	49.8
130	2.0	1.8	2.6
166	28.7	22.6	33.8

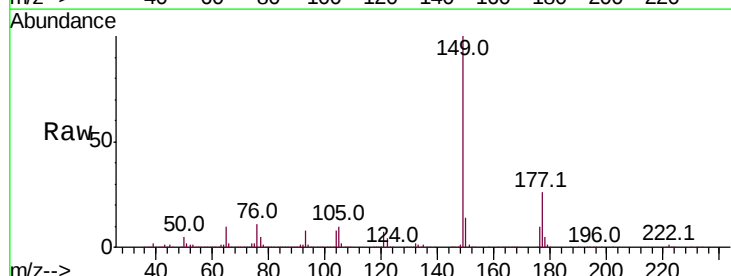


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

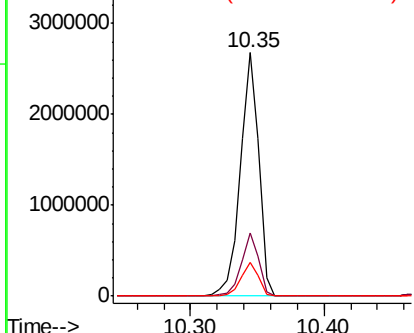
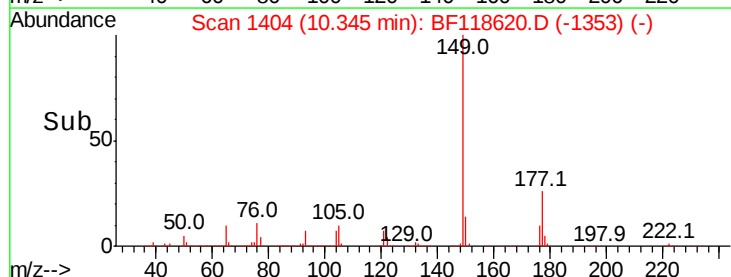


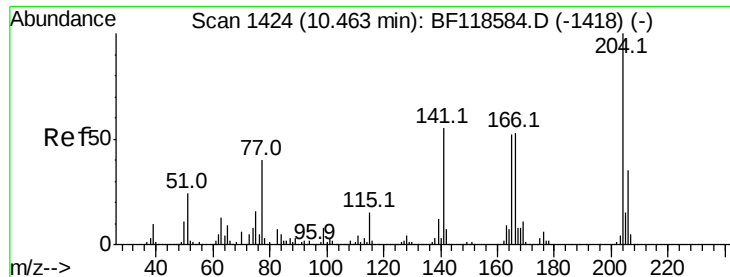
#60
 Diethylphthalate
 Concen: 51.487 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

Tgt Ion:	149	Resp:	2561155
Ion	Ratio	Lower	Upper
149	100		
177	25.8	20.0	30.0
150	13.7	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

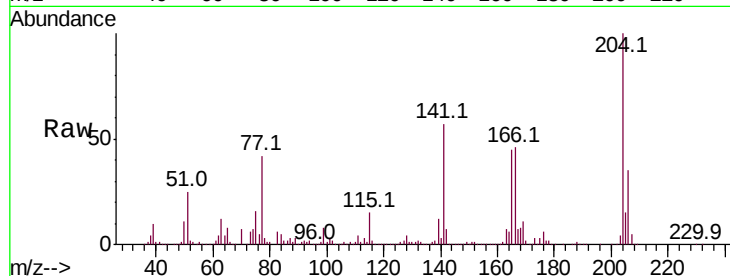




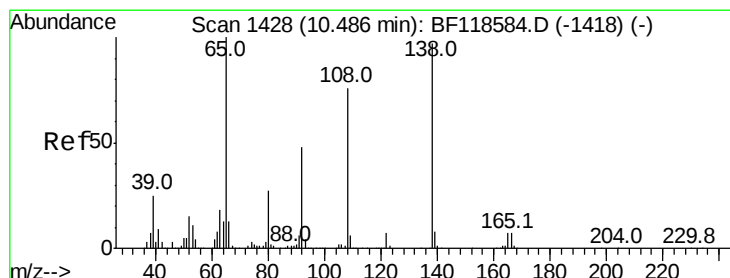
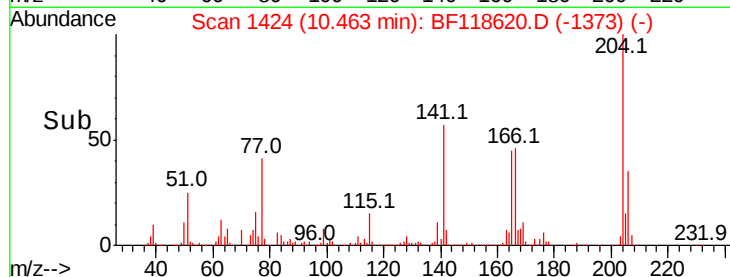
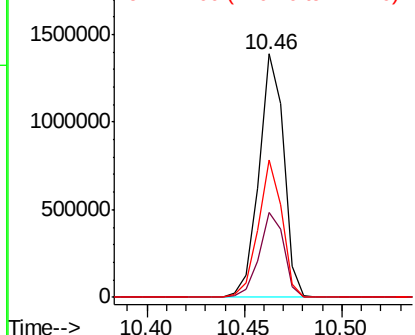
#61
4-Chlorophenyl-phenylether
Concen: 47.966 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 1221328
Ion Ratio Lower Upper
204 100
206 34.9 27.8 41.6
141 56.5 43.7 65.5

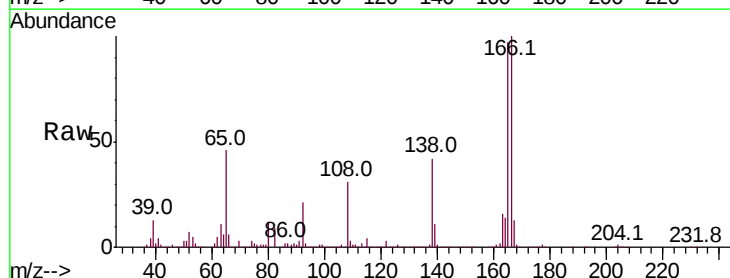


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

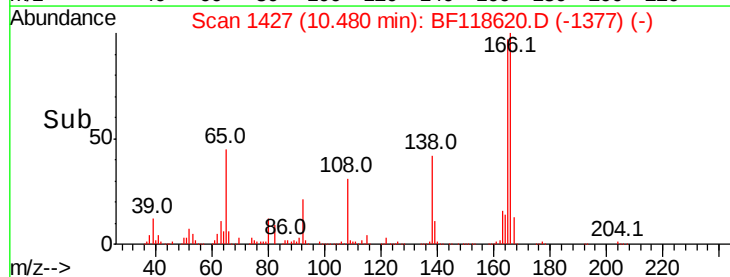
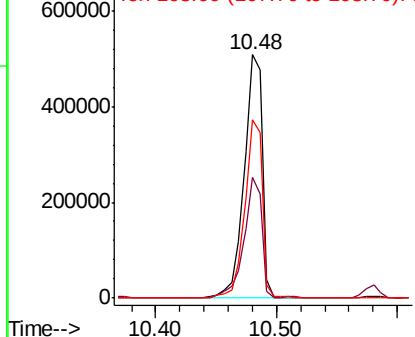


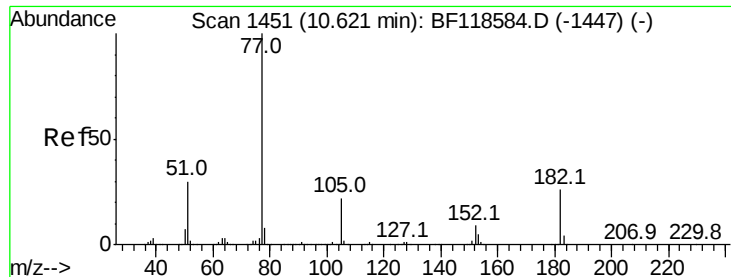
#62
4-Nitroaniline
Concen: 39.787 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion:138 Resp: 535387
Ion Ratio Lower Upper
138 100
92 49.5 29.4 69.4
108 73.2 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



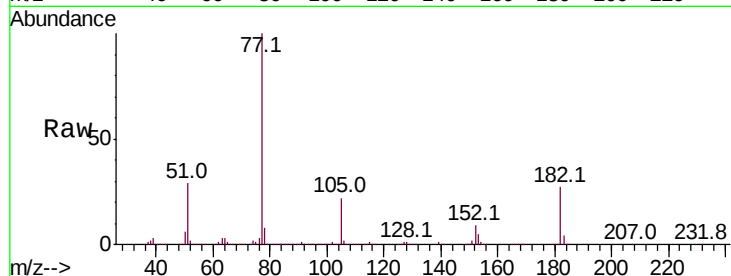


#63
Azobenzene
Concen: 46.962 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

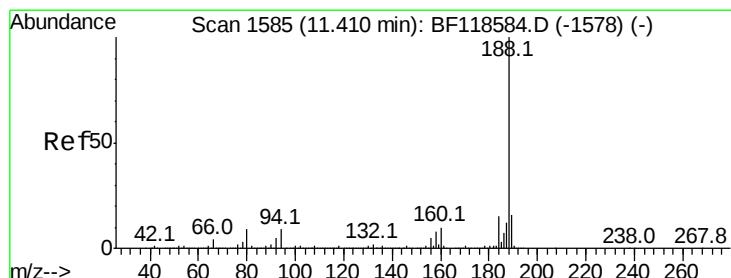
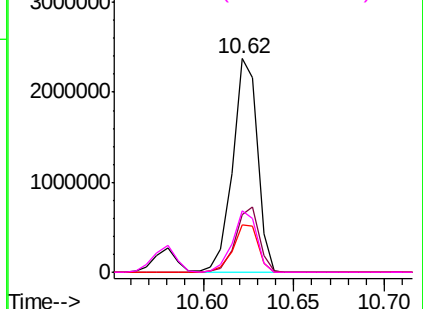
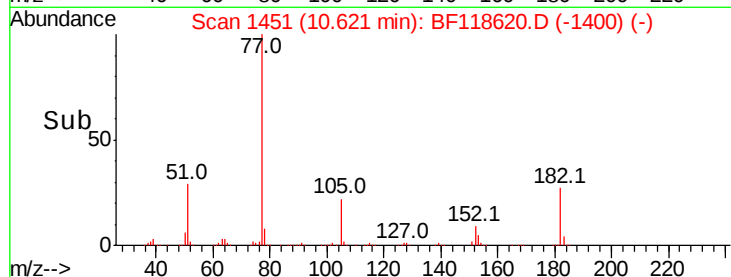
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 2262422

Ion	Ratio	Lower	Upper
77	100		
182	27.2	5.6	45.6
105	22.3	2.0	42.0
51	28.9	10.2	50.2



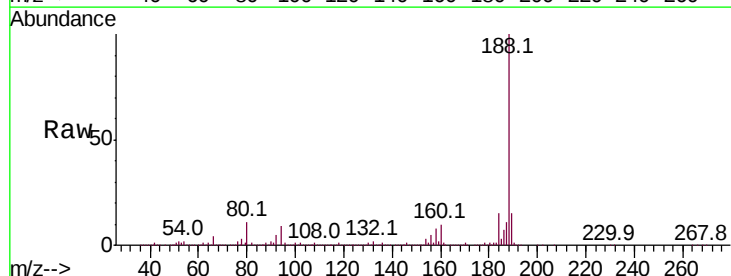
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1



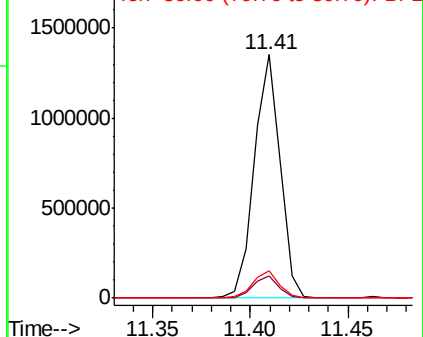
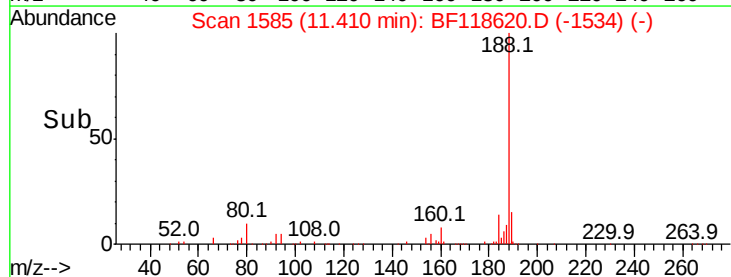
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

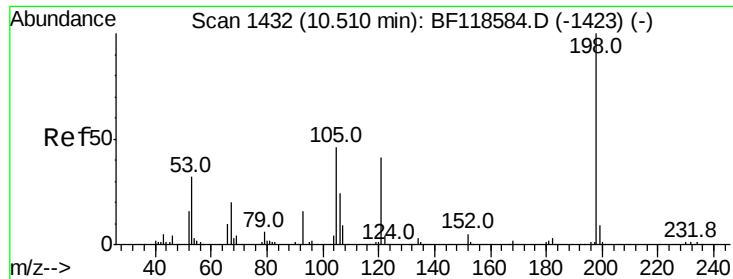
Tgt Ion: 188 Resp: 1237408

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.1	10.7
80	11.1	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: 17.940 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

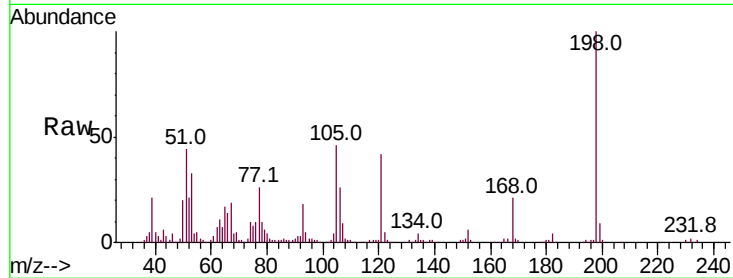
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 97616

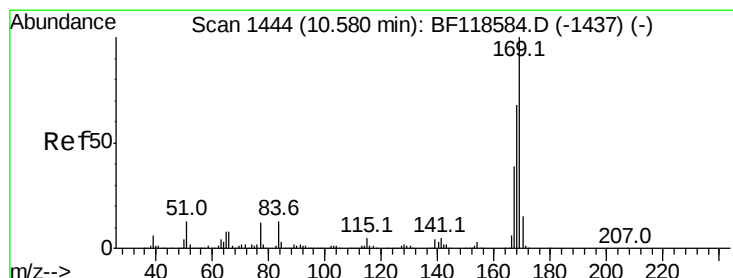
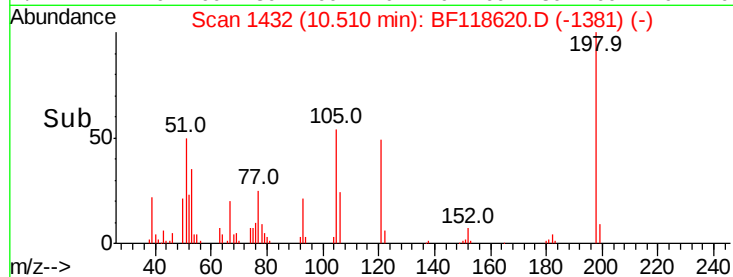
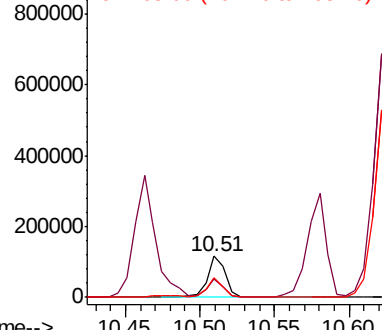
Ion	Ratio	Lower	Upper
198	100		
51	44.2	25.2	65.2
105	46.1	26.3	66.3



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: 54.786 ng

RT: 10.58 min Scan# 1444

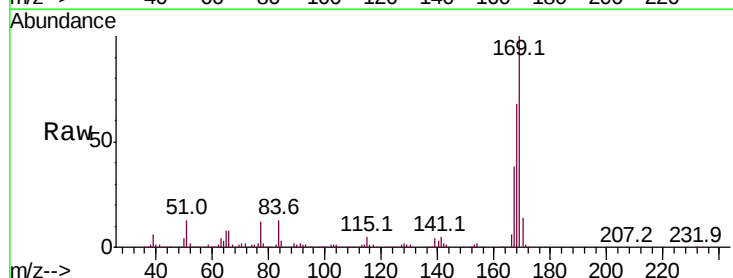
Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Tgt Ion:169 Resp: 2044475

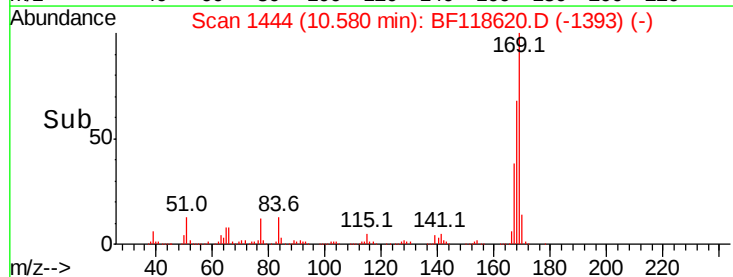
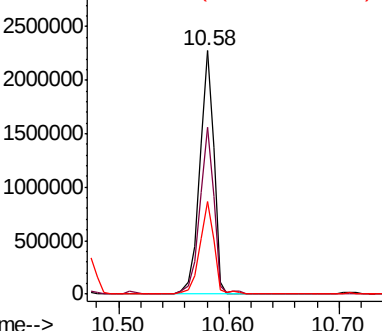
Ion	Ratio	Lower	Upper
169	100		
168	68.4	54.6	82.0
167	38.3	30.9	46.3

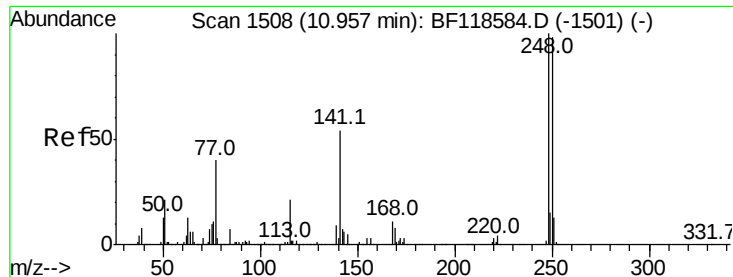


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

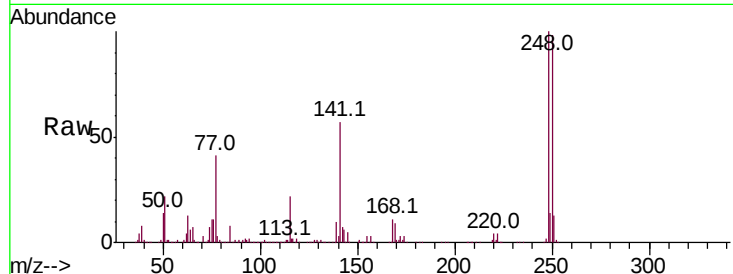




#67
4-Bromophenyl-phenylether
Concen: 51.454 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.7	118.1
141	57.0	43.2	64.8

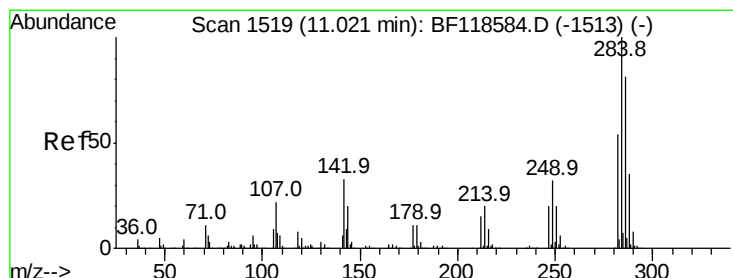
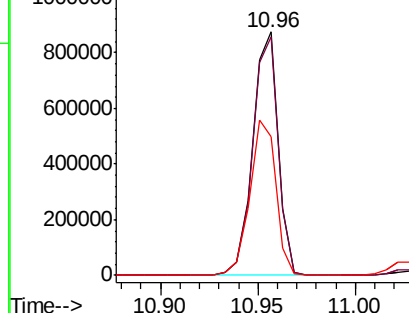
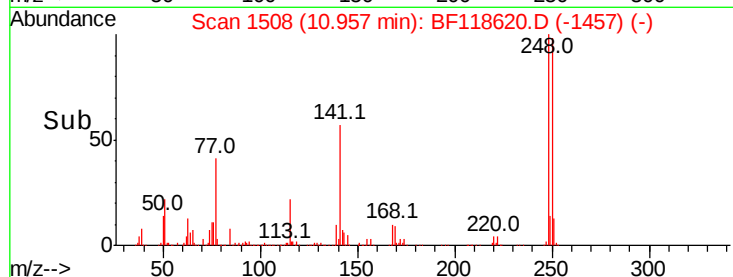


Abundance

Ion 248.00 (247.70 to 248.70): E

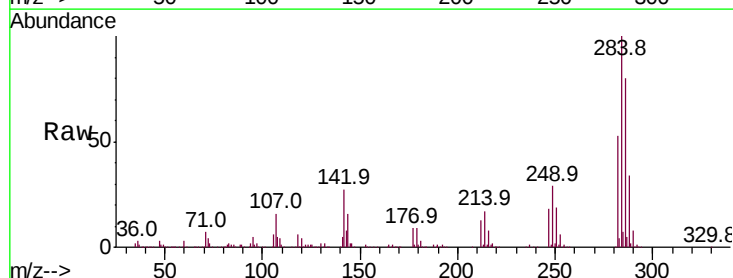
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 47.668 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.6	26.6	39.8
249	29.4	25.2	37.8

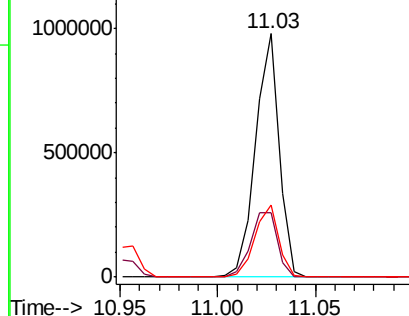
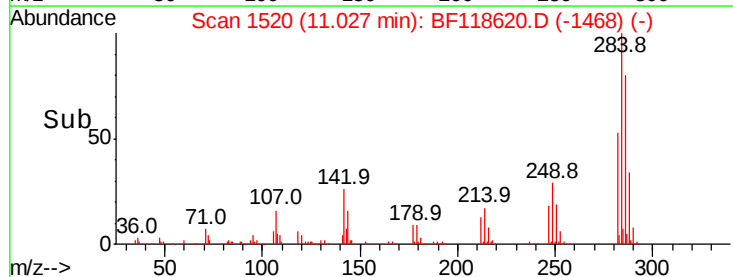


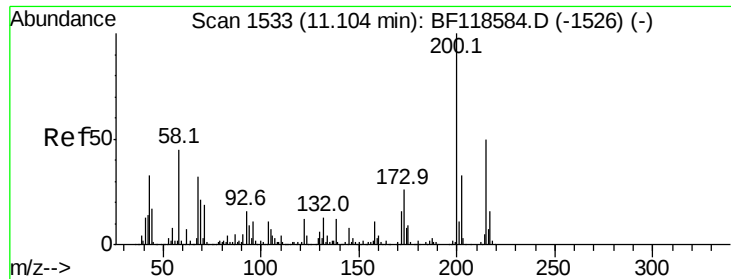
Abundance

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

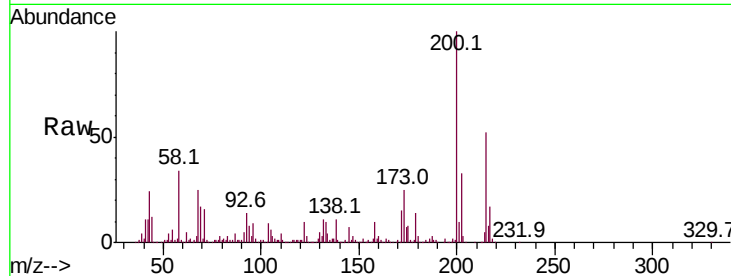




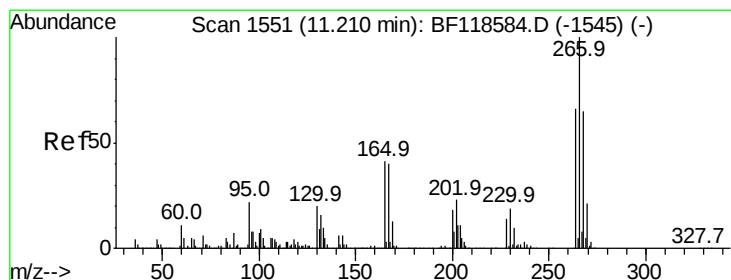
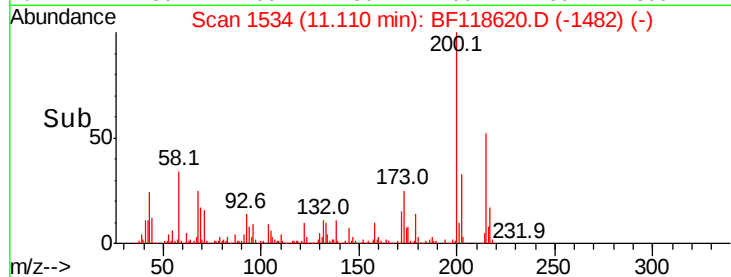
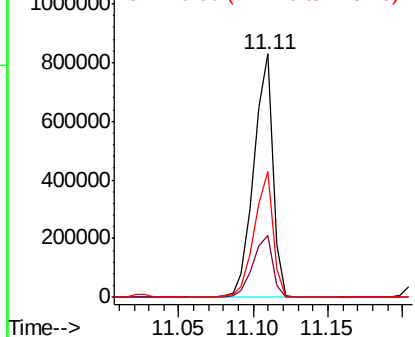
#69
Atrazine
Concen: 56.415 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	6.3	46.3
215	51.7	30.2	70.2

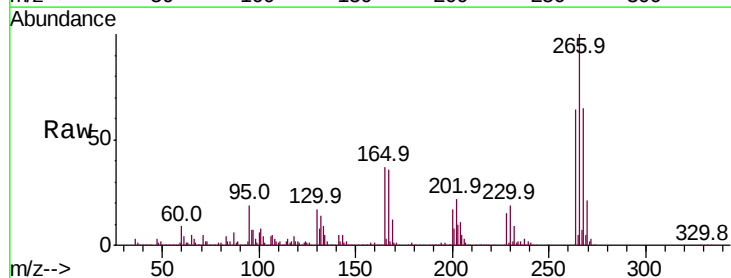


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

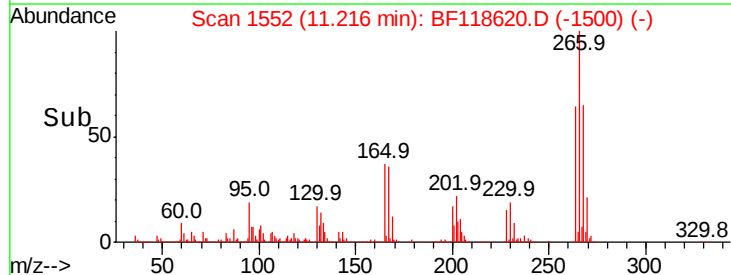
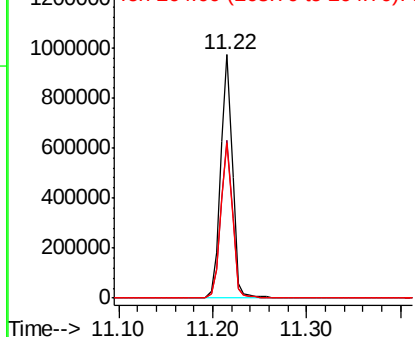


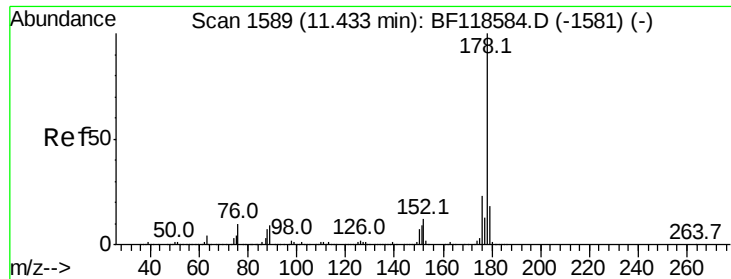
#70
Pentachlorophenol
Concen: 88.796 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	52.1	78.1
264	63.8	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

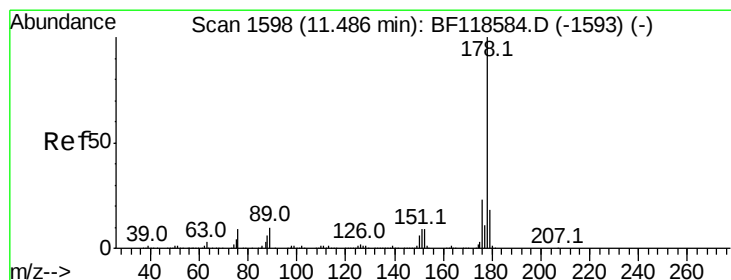
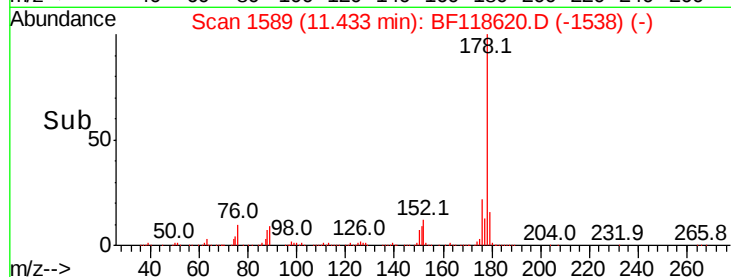
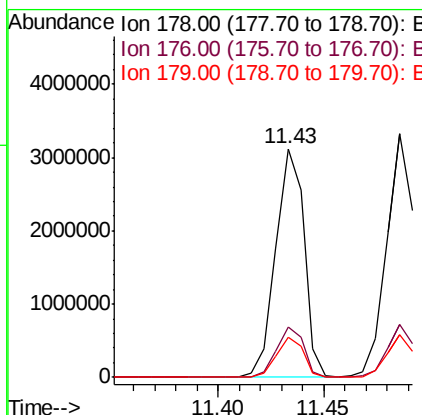
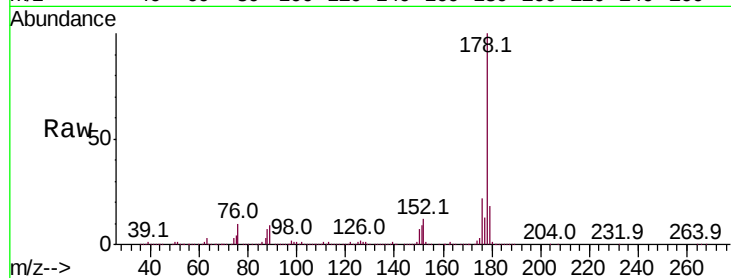




#71
Phenanthrene
Concen: 49.112 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

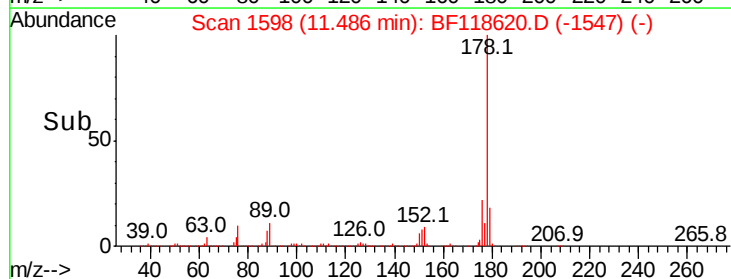
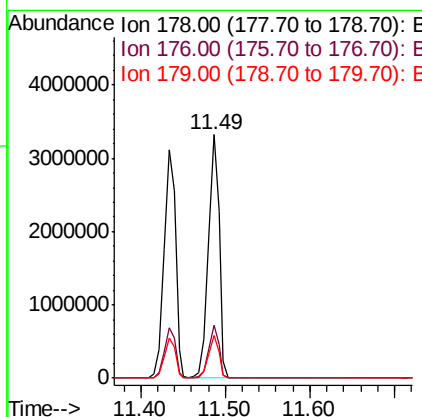
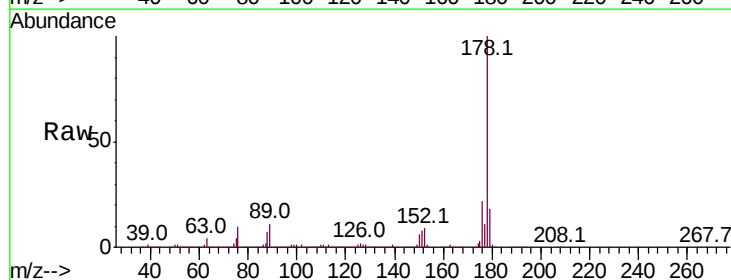
Instrument :
BNA_F
ClientSampleId :

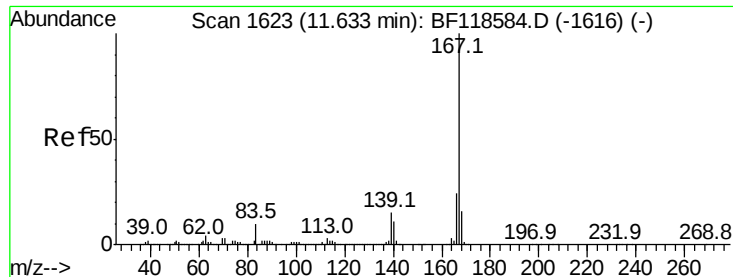
Tot Ion:178 Resp: 2931895
Ion Ratio Lower Upper
178 100
176 22.3 18.6 27.8
179 17.8 14.7 22.1



#72
Anthracene
Concen: 50.680 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion:178 Resp: 2993669
Ion Ratio Lower Upper
178 100
176 22.0 18.0 27.0
179 17.7 14.7 22.1

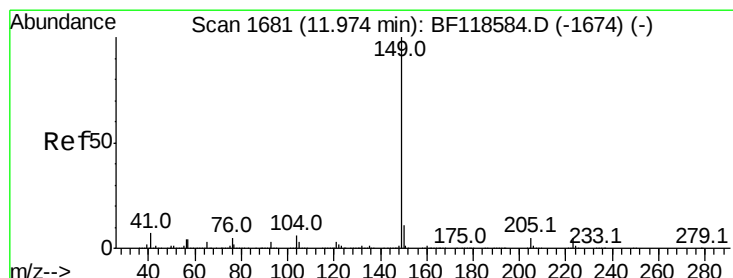
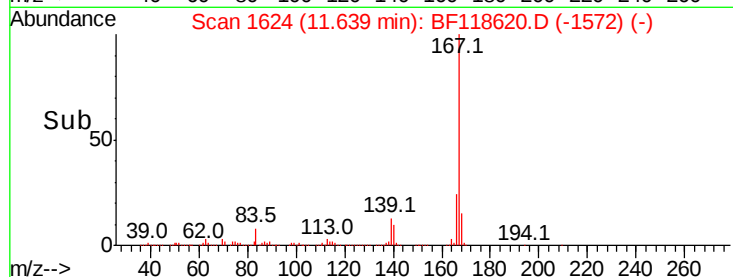
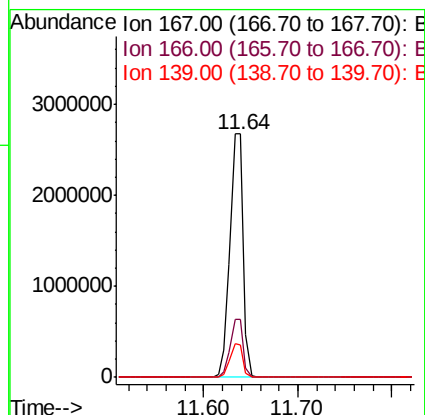
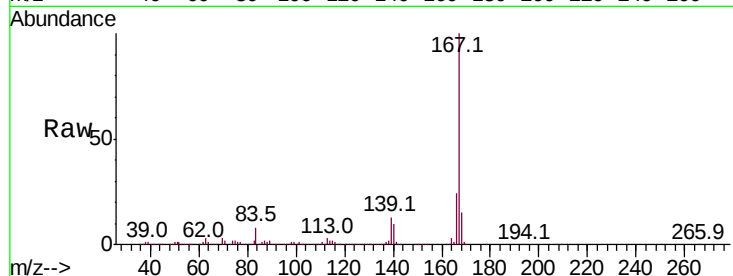




#73
 Carbazole
 Concen: 48.489 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

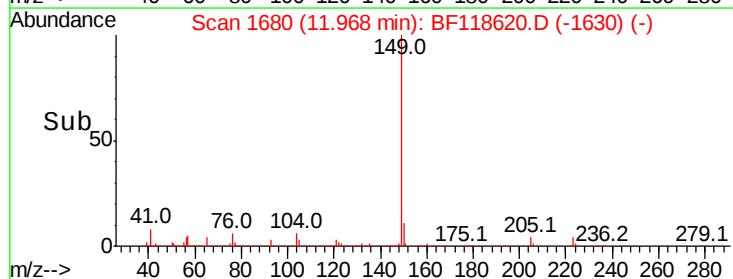
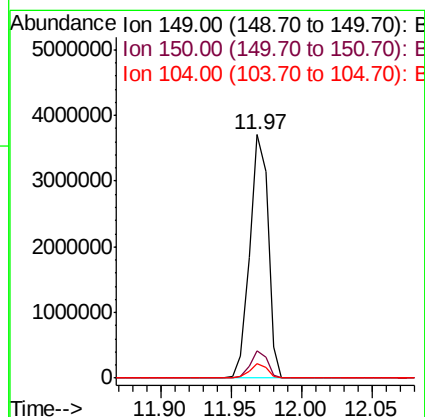
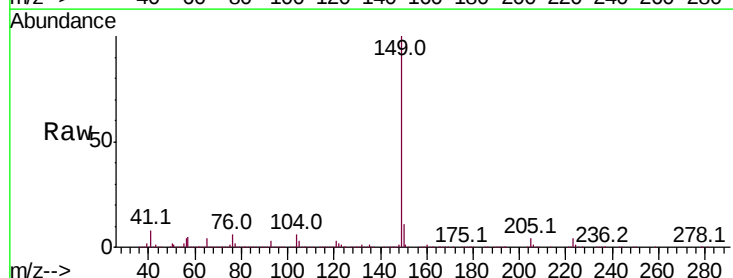
Instrument :
 BNA_F
 ClientSampleId :

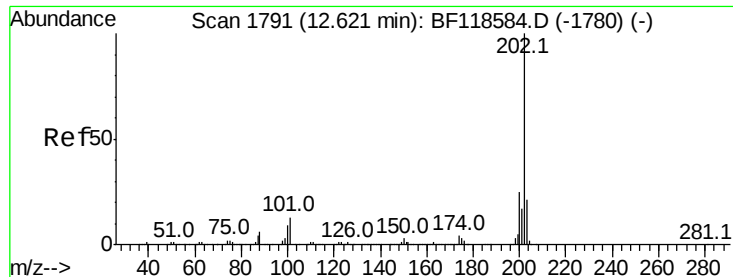
Tot Ion:167 Resp: 2627200
 Ion Ratio Lower Upper
 167 100
 166 23.7 19.4 29.2
 139 13.2 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 56.239 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

Tgt Ion:149 Resp: 3385459
 Ion Ratio Lower Upper
 149 100
 150 11.2 8.7 13.1
 104 6.0 4.6 6.8





#75

Fluoranthene

Concen: 46.563 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :

BNA_F

ClientSampleId :

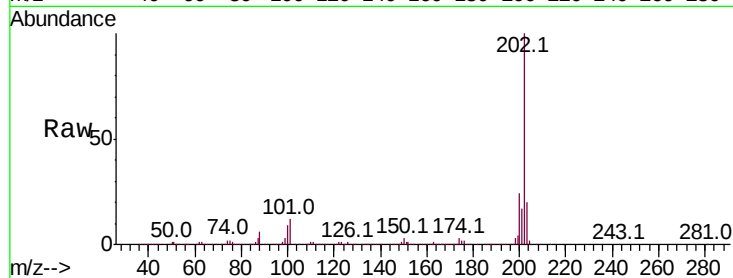
Tot Ion:202 Resp: 2931804

Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.5

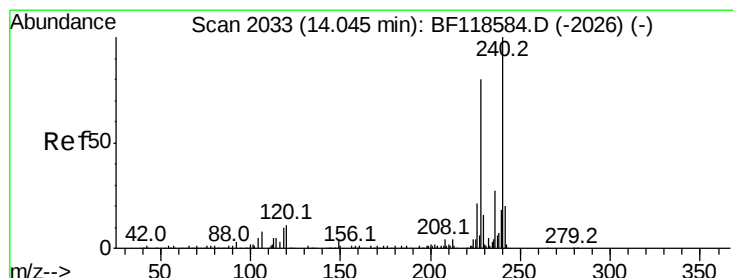
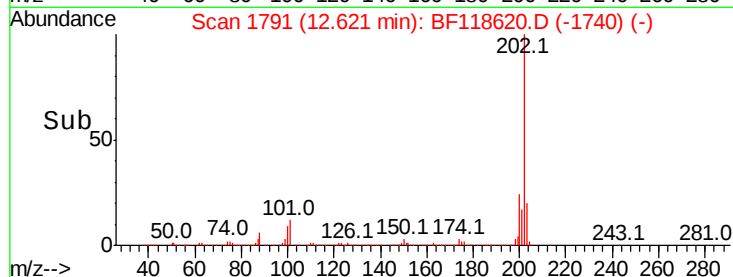
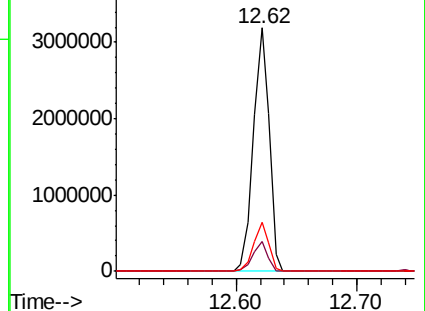
203 20.1 0.8 40.8



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: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

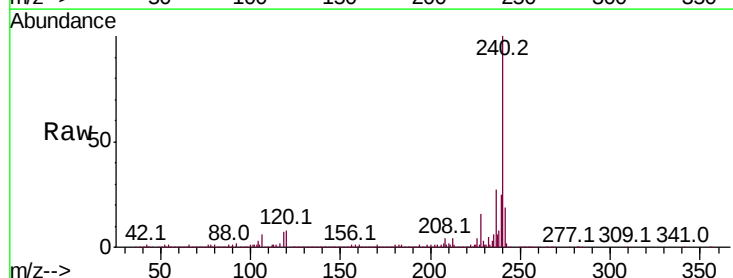
Tgt Ion:240 Resp: 862009

Ion Ratio Lower Upper

240 100

120 8.5 8.9 13.3#

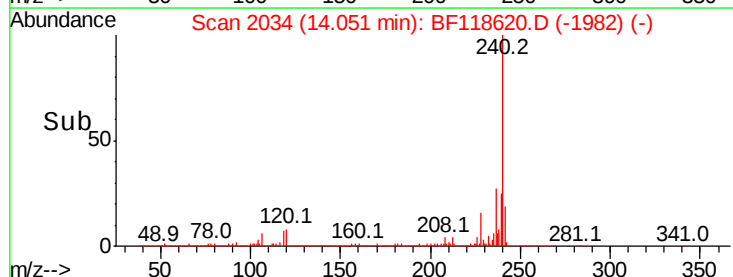
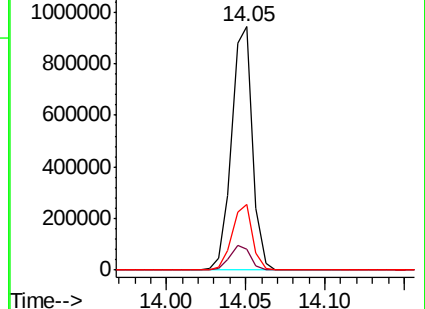
236 26.7 21.5 32.3

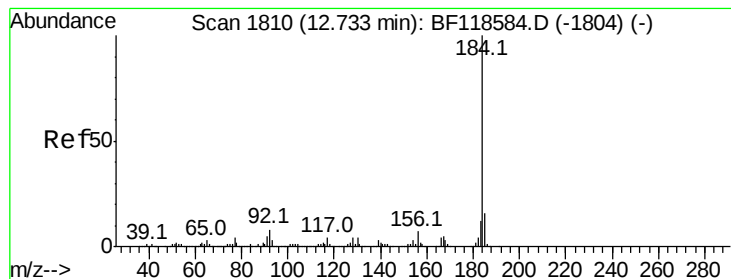


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 98.581 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :

BNA_F

ClientSampled :

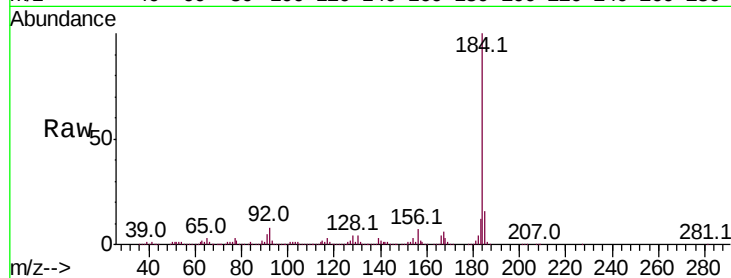
Tot Ion:184 Resp: 2270538

Ion Ratio Lower Upper

184 100

185 16.1 12.9 19.3

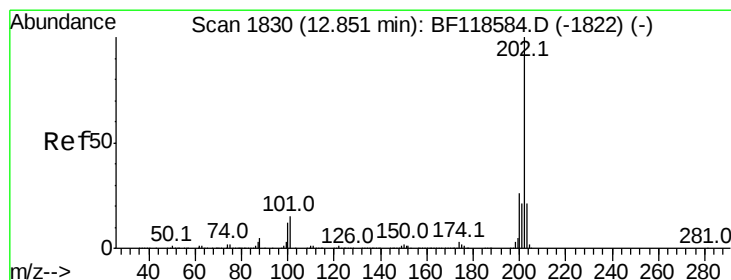
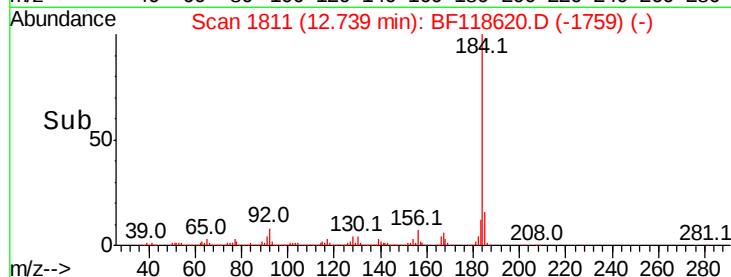
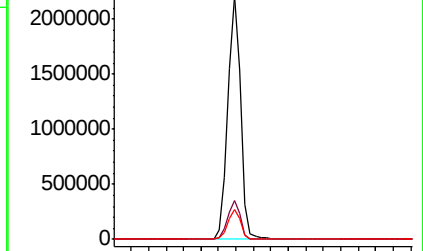
183 12.3 9.6 14.4



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: 51.014 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

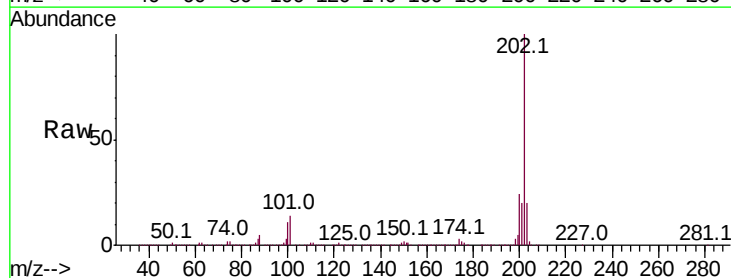
Tgt Ion:202 Resp: 2985490

Ion Ratio Lower Upper

202 100

200 24.4 20.6 31.0

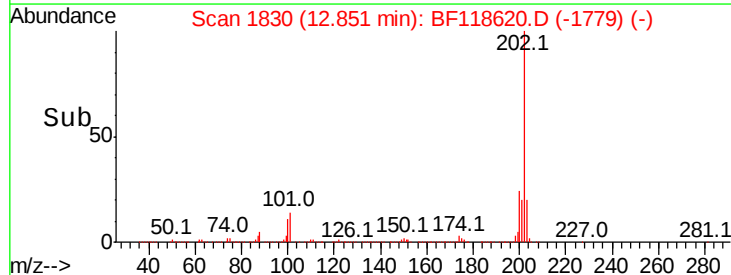
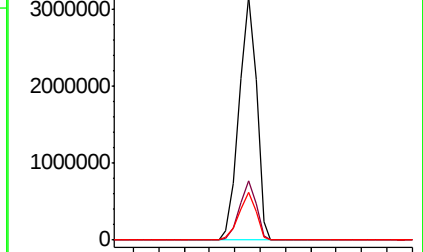
203 19.6 16.8 25.2

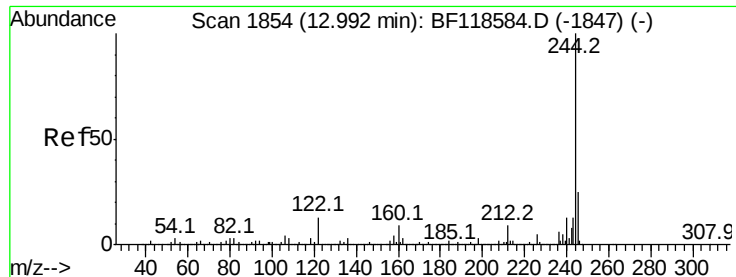


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

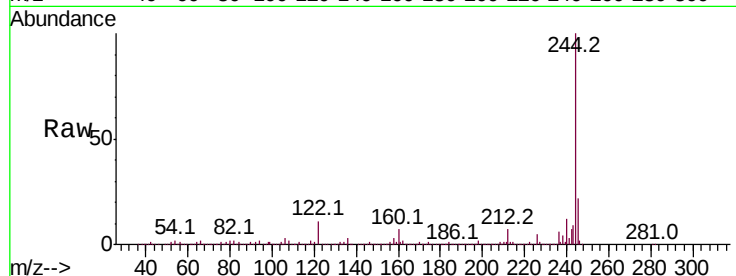




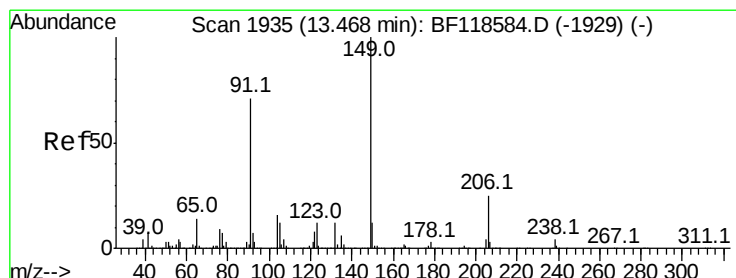
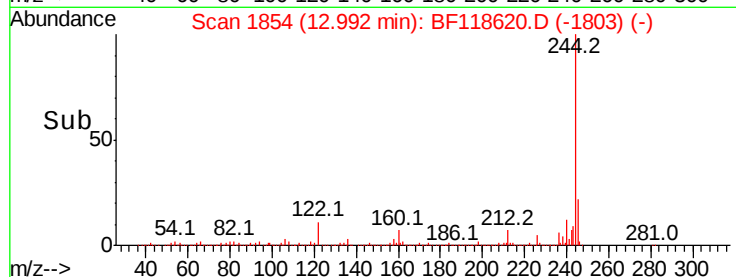
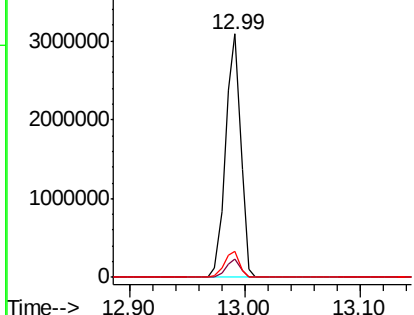
#79
 Terphenyl-d14
 Concen: 70.711 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2794633
 Ion Ratio Lower Upper
 244 100
 212 7.4 7.0 10.4
 122 10.6 10.7 16.1#

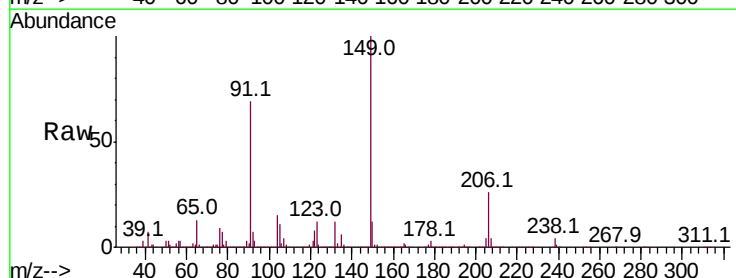


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

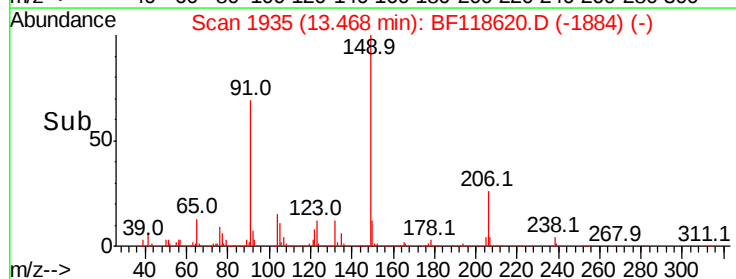
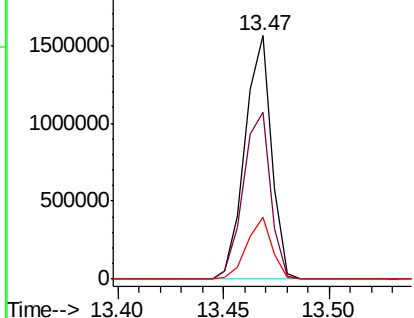


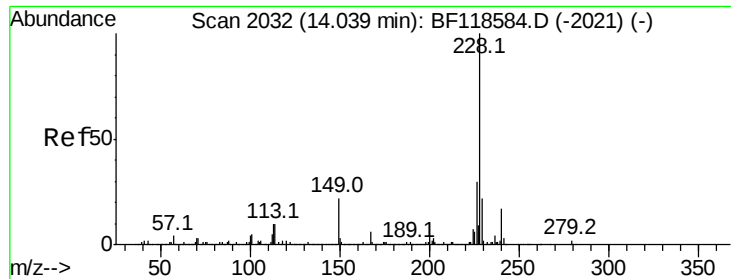
#80
 Butylbenzylphthalate
 Concen: 56.776 ng
 RT: 13.47 min Scan# 1935
 Delta R.T. -0.00 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

Tgt Ion:149 Resp: 1359838
 Ion Ratio Lower Upper
 149 100
 91 68.8 56.5 84.7
 206 25.5 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

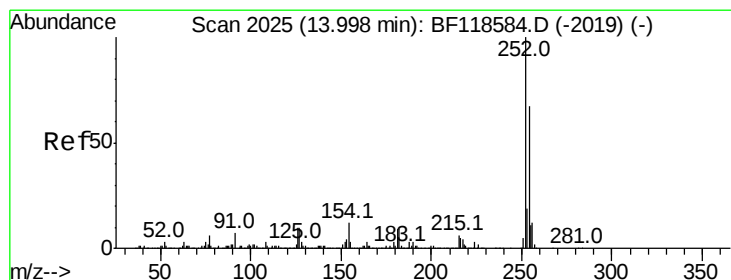
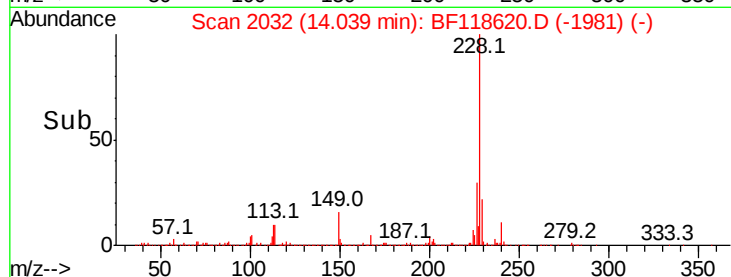
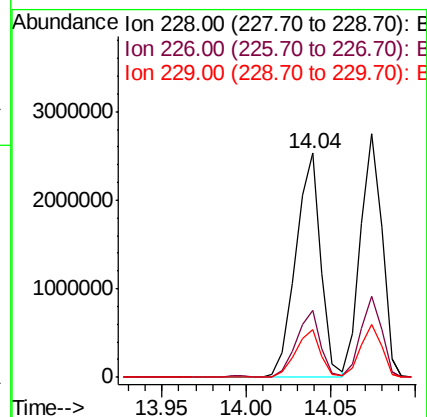
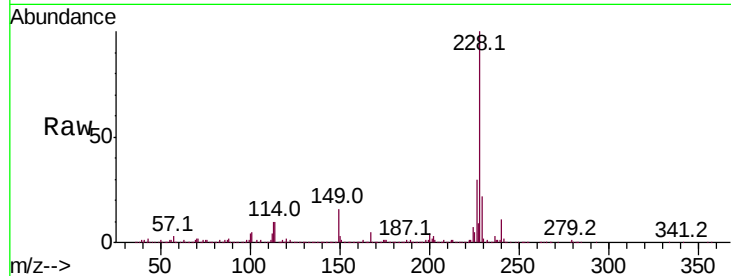




#81
Benzo(a)anthracene
Concen: 50.039 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

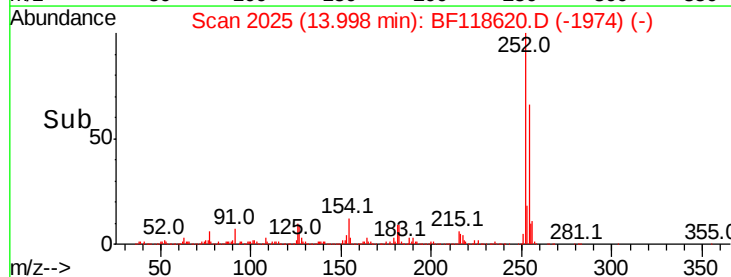
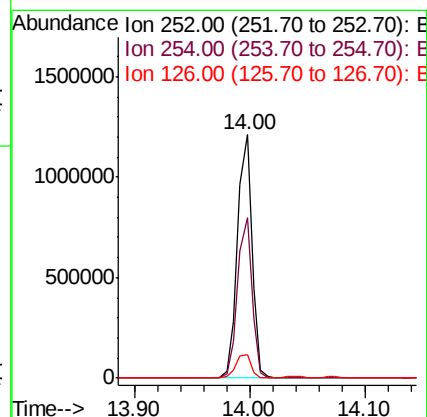
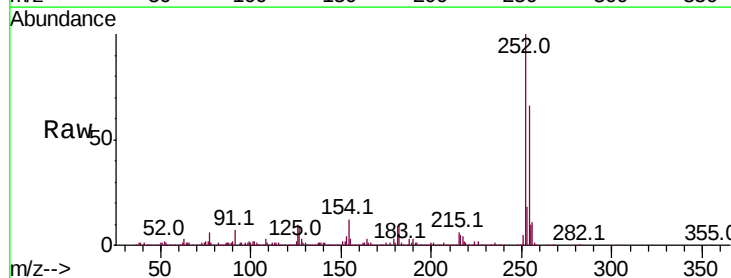
Instrument :
BNA_F
ClientSampleId :

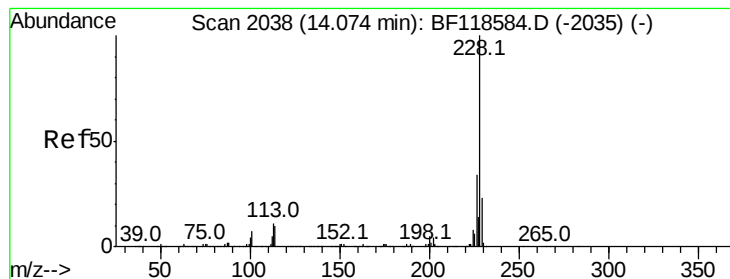
Tot Ion:228 Resp: 2594766
Ion Ratio Lower Upper
228 100
226 29.8 24.1 36.1
229 21.5 17.6 26.4



#82
3,3'-Dichlorobenzidine
Concen: 57.473 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion:252 Resp: 1061952
Ion Ratio Lower Upper
252 100
254 65.6 53.4 80.2
126 9.7 8.0 12.0





#83

Chrysene

Concen: 49.199 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

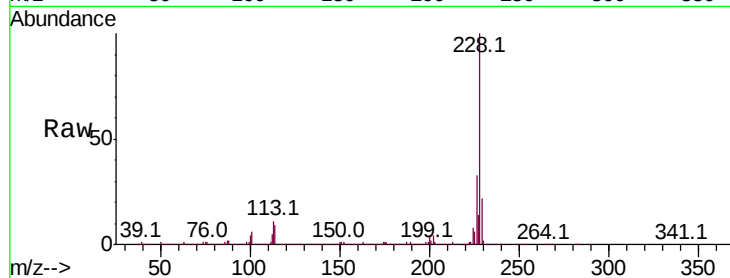
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2445068

Ion	Ratio	Lower	Upper
228	100		
226	33.5	27.4	41.0
229	21.8	18.3	27.5

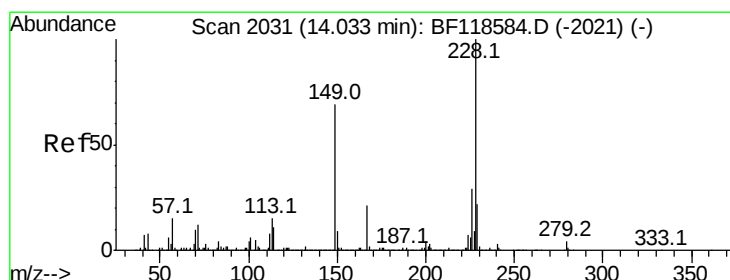
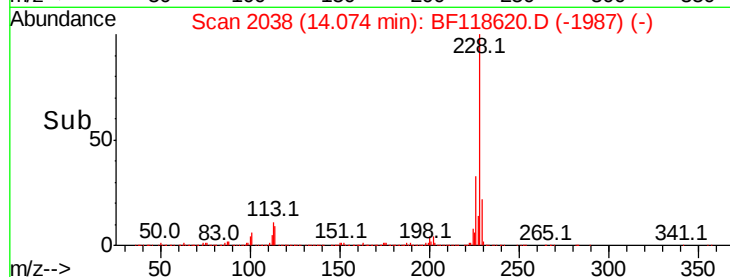
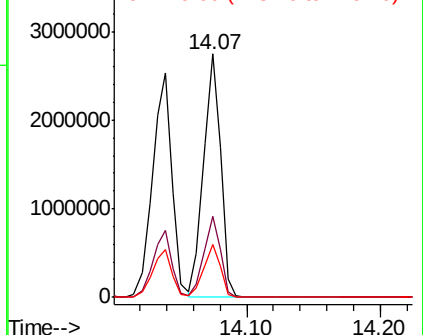


Abundance

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: 64.168 ng

RT: 14.03 min Scan# 2030

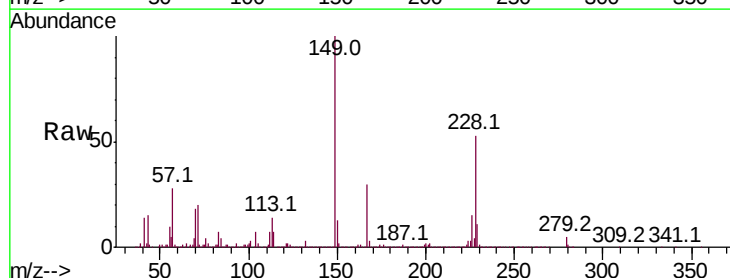
Delta R.T. -0.01 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Tgt Ion:149 Resp: 1877675

Ion	Ratio	Lower	Upper
149	100		
167	29.6	24.2	36.4
279	4.9	5.0	7.4#

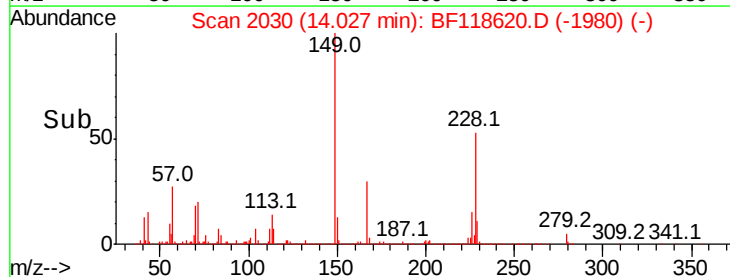
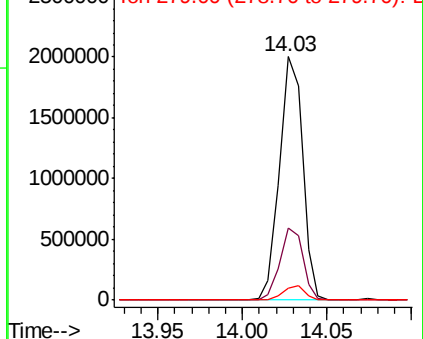


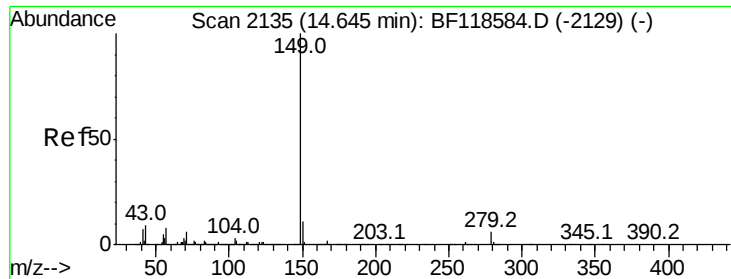
Abundance

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: 68.328 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :

BNA_F

ClientSampleId :

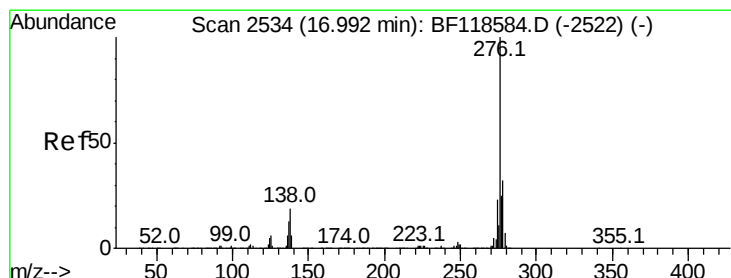
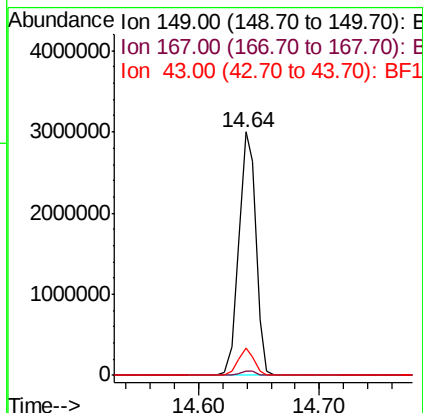
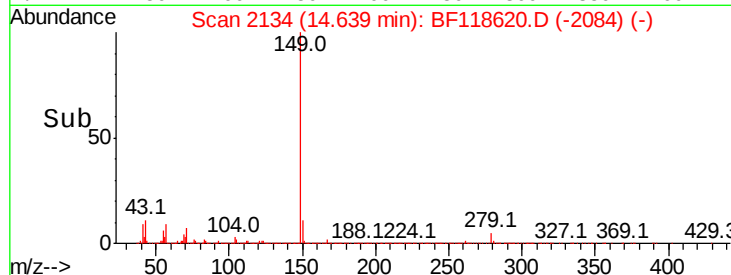
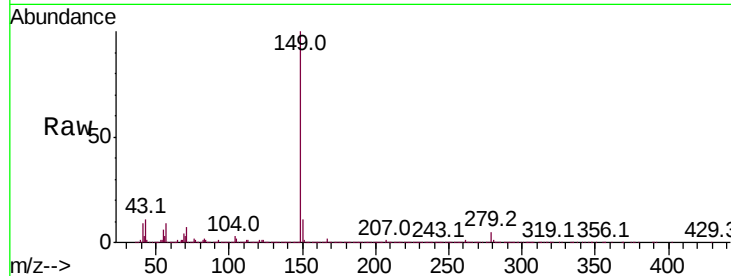
Tot Ion:149 Resp: 2959482

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 9.9 8.1 12.1



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.636 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.01 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

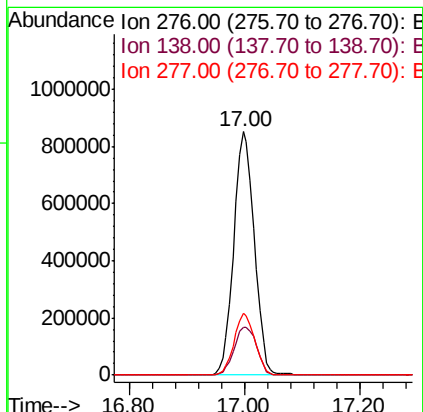
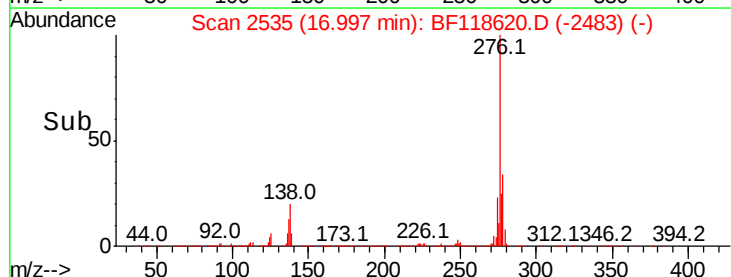
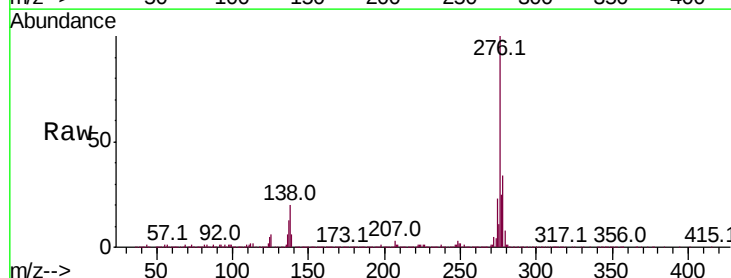
Tgt Ion:276 Resp: 2100195

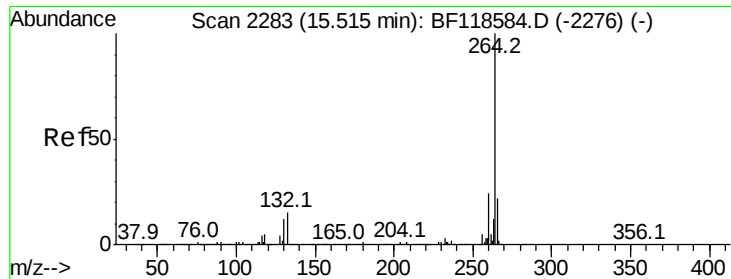
Ion Ratio Lower Upper

276 100

138 21.6 17.2 25.8

277 25.5 20.5 30.7



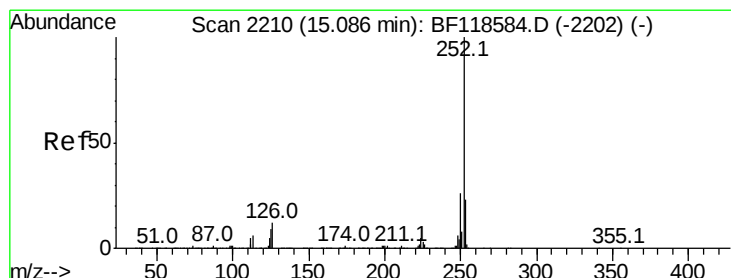
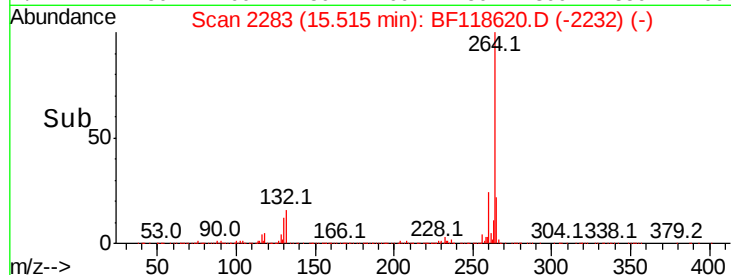
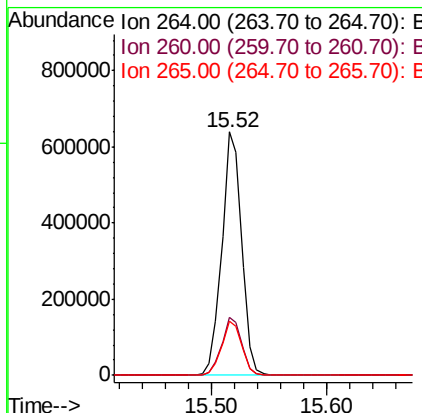
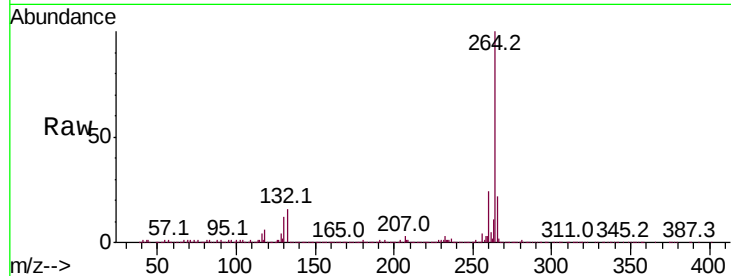


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 763420

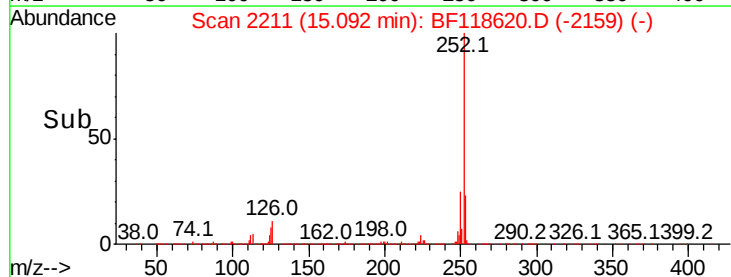
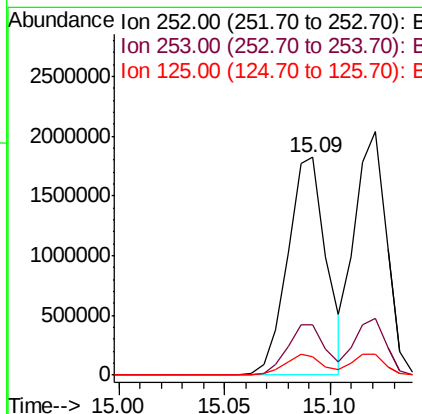
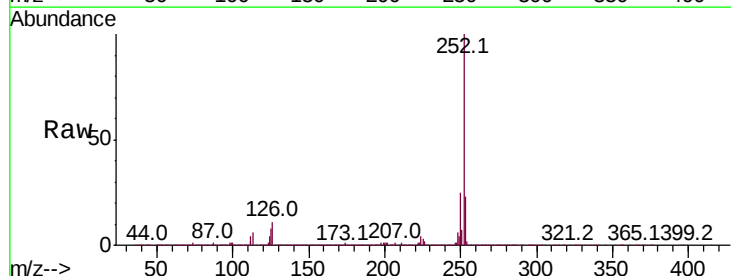
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	22.0	17.7	26.5

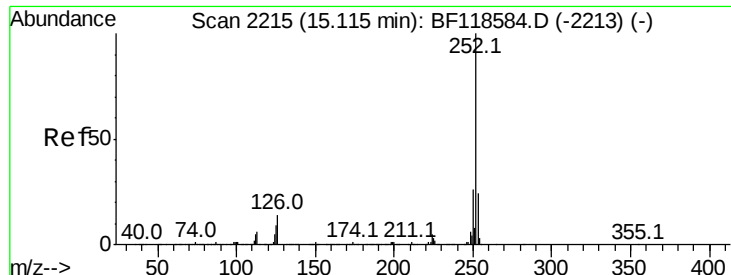


#88
Benzo(b)fluoranthene
Concen: 48.391 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion:252 Resp: 2322097

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.7	28.1
125	8.4	7.3	10.9

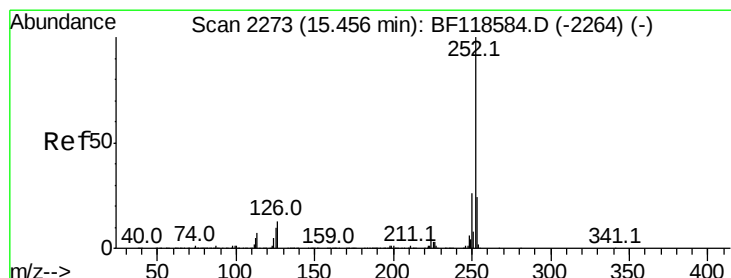
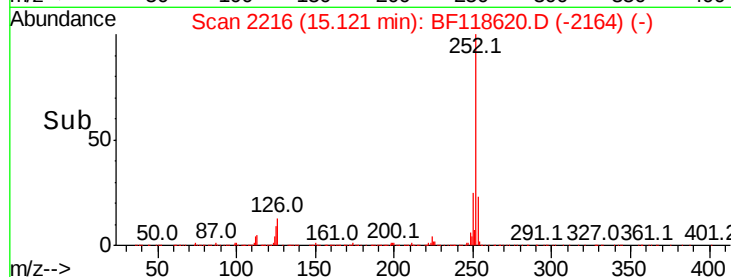
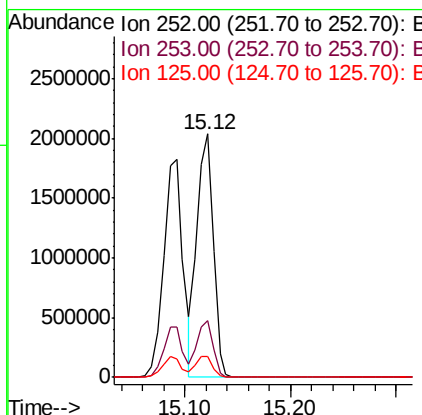
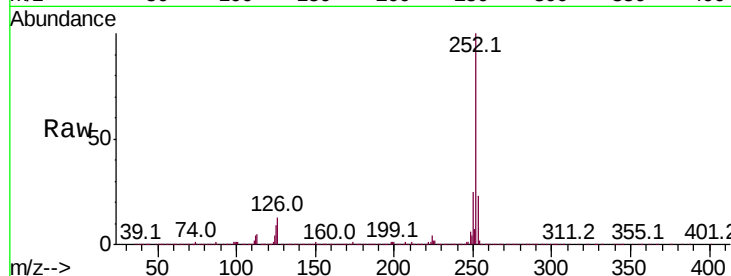




#89
Benzo(k)fluoranthene
Concen: 48.454 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

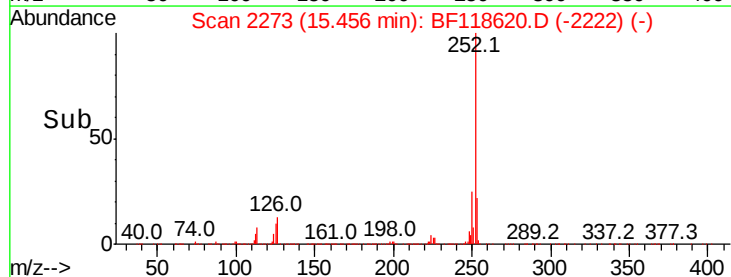
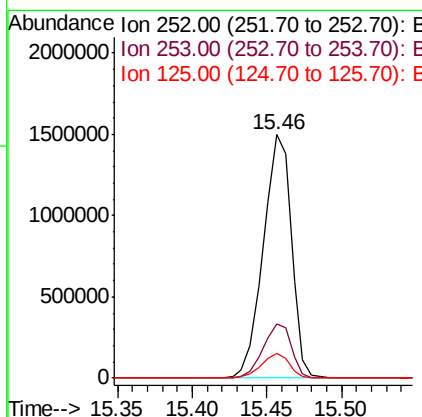
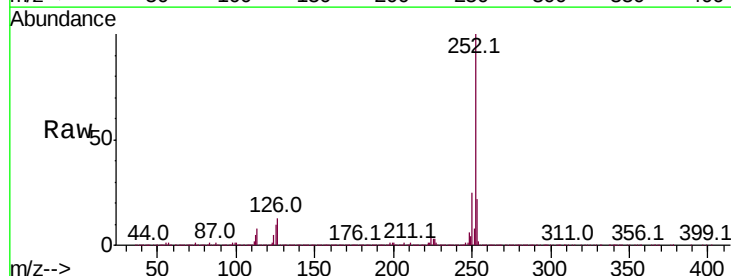
Instrument :
BNA_F
ClientSampleId :

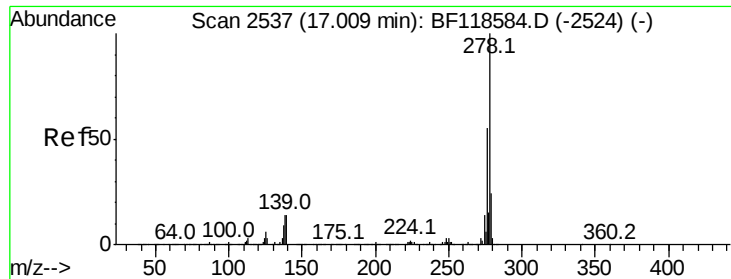
Tot Ion:252 Resp: 2154131
Ion Ratio Lower Upper
252 100
253 23.5 19.0 28.4
125 8.8 7.6 11.4



#90
Benzo(a)pyrene
Concen: 46.986 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion:252 Resp: 1944974
Ion Ratio Lower Upper
252 100
253 22.4 18.8 28.2
125 10.1 7.8 11.6



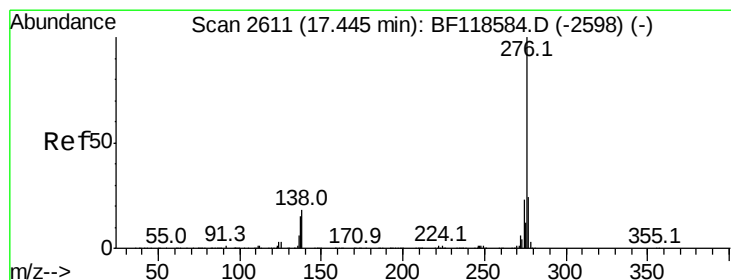
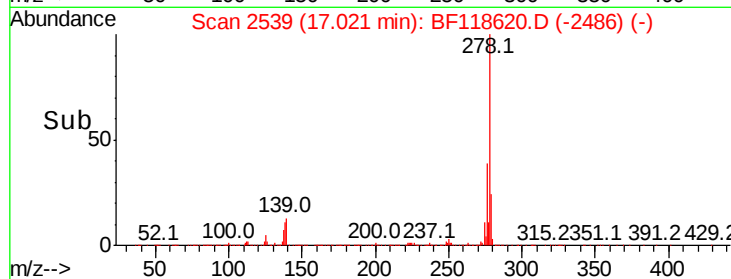
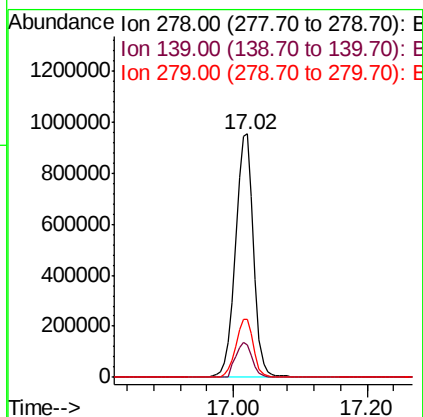
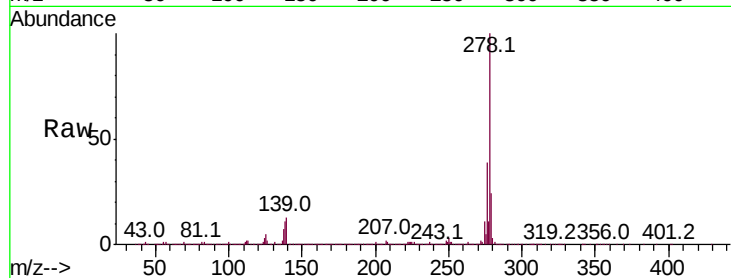


#91
Dibenzo(a,h)anthracene
Concen: 49.283 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1804534

Ion	Ratio	Lower	Upper
278	100		
139	13.5	11.4	17.0
279	24.0	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 47.115 ng
RT: 17.45 min Scan# 2612
Delta R.T. 0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion:276 Resp: 1675035

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	18.2	14.4	21.6

