

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118584.D
 Acq On : 20 Jan 2020 11:37
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 20 12:13:31 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 12:07:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	444200	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1628343	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	908448	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	1645060	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1299158	20.00	ng	0.00
87) Perylene-d12	15.52	264	1052446	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	2019034	83.98	ng	0.00
7) Phenol-d6	6.51	99	2640044	83.81	ng	0.00
23) Nitrobenzene-d5	7.45	82	2415296	91.61	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	886432	88.27	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	4305056	85.55	ng	0.00
79) Terphenyl-d14	12.99	244	4993363	75.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	482600	41.779	ng	100
3) Pyridine	3.43	79	1371008	42.975	ng	100
4) n-Nitrosodimethylamine	3.37	42	588893	40.246	ng	100
6) Aniline	6.55	93	1718049	41.669	ng	100
8) 2-Chlorophenol	6.67	128	1132998	41.439	ng	100
9) Benzaldehyde	6.43	77	776502	48.154	ng	100
10) Phenol	6.52	94	1491819	43.165	ng	100
11) bis(2-Chloroethyl)ether	6.62	93	1104423	39.898	ng	100
12) 1,3-Dichlorobenzene	6.83	146	1328615	40.864	ng	100
13) 1,4-Dichlorobenzene	6.90	146	1345958	41.207	ng	100
14) 1,2-Dichlorobenzene	7.06	146	1266198	41.432	ng	100
15) Benzyl Alcohol	7.02	79	1033620	39.983	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1539392	37.910	ng	100
17) 2-Methylphenol	7.13	107	934082	40.249	ng	100
18) Hexachloroethane	7.40	117	478904	40.233	ng	100
19) n-Nitroso-di-n-propylamine	7.30	70	872977	38.645	ng	100
20) 3+4-Methylphenols	7.29	107	1179340	42.494	ng	100
22) Acetophenone	7.29	105	1629474	41.237	ng	100
24) Nitrobenzene	7.46	77	1234357	44.025	ng	100
25) Isophorone	7.70	82	2153801	37.640	ng	100
26) 2-Nitrophenol	7.78	139	511873	46.207	ng	100
27) 2,4-Dimethylphenol	7.82	122	906996	39.856	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	1407077	38.272	ng	100
29) 2,4-Dichlorophenol	8.02	162	1004434	40.099	ng	100
30) 1,2,4-Trichlorobenzene	8.11	180	1171484	40.130	ng	100
31) Naphthalene	8.19	128	3126810	40.718	ng	100
32) Benzoic acid	7.93	122	665112	47.571	ng	100
33) 4-Chloroaniline	8.23	127	1437540	40.289	ng	100
34) Hexachlorobutadiene	8.32	225	711712	39.087	ng	100
35) Caprolactam	8.60	113	314864	40.406	ng	100
36) 4-Chloro-3-methylphenol	8.71	107	992657	39.975	ng	100
37) 2-Methylnaphthalene	8.88	142	2194940	40.345	ng	100
38) 1-Methylnaphthalene	8.98	142	2069068	40.200	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1210788	41.322	ng	100

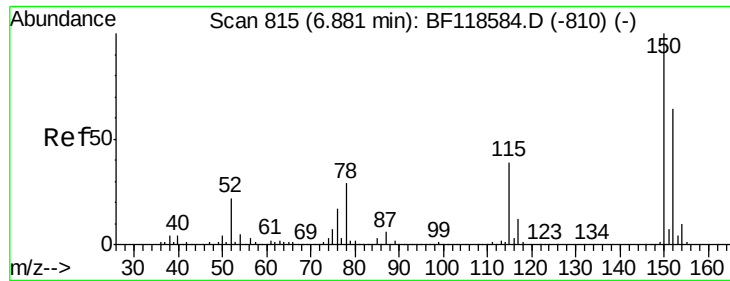
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
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 QLast Update : Mon Jan 20 12:07:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	601949	39.319	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	778769	41.715	ng	100
44) 2,4,5-Trichlorophenol	9.19	196	800023	42.386	ng	100
46) 1,1'-Biphenyl	9.35	154	2717436	41.863	ng	100
47) 2-Chloronaphthalene	9.37	162	2255926	41.233	ng	100
48) 2-Nitroaniline	9.46	65	670704	47.133	ng	100
49) Acenaphthylene	9.79	152	3184433	41.222	ng	100
50) Dimethylphthalate	9.65	163	2455586	39.369	ng	100
51) 2,6-Dinitrotoluene	9.70	165	544577	45.759	ng	100
52) Acenaphthene	9.96	154	2113872	41.771	ng	100
53) 3-Nitroaniline	9.87	138	628050	46.586	ng	100
54) 2,4-Dinitrophenol	9.97	184	203704	50.900	ng	100
55) Dibenzofuran	10.13	168	2957046	41.291	ng	100
56) 4-Nitrophenol	10.02	139	475440	47.740	ng	100
57) 2,4-Dinitrotoluene	10.10	165	678122	46.891	ng	100
58) Fluorene	10.47	166	2324719	41.919	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	709467	43.937	ng	100
60) Diethylphthalate	10.35	149	2421077	39.759	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	1271456	41.908	ng	100
62) 4-Nitroaniline	10.49	138	639324	47.747	ng	100
63) Azobenzene	10.62	77	2351470	39.621	ng	100
65) 4,6-Dinitro-2-methylphenol	10.51	198	288259	48.957	ng	100
66) n-Nitrosodiphenylamine	10.58	169	2111405	39.944	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	855573	38.853	ng	100
68) Hexachlorobenzene	11.02	284	968087	39.671	ng	100
69) Atrazine	11.10	200	716590	46.978	ng	100
70) Pentachlorophenol	11.21	266	528882	44.099	ng	100
71) Phenanthrene	11.43	178	3424880	41.419	ng	100
72) Anthracene	11.49	178	3385753	41.040	ng	100
73) Carbazole	11.63	167	3110124	41.800	ng	100
74) Di-n-butylphthalate	11.97	149	3414956	36.933	ng	100
75) Fluoranthene	12.62	202	3637584	40.907	ng	100
77) Benzidine	12.73	184	1482541	46.968	ng	100
78) Pyrene	12.85	202	3672529	37.875	ng	100
80) Butylbenzylphthalate	13.47	149	1469265	35.349	ng	100
81) Benzo(a)anthracene	14.04	228	3322835	40.521	ng	100
82) 3,3'-Dichlorobenzidine	14.00	252	1200256	41.718	ng	100
83) Chrysene	14.07	228	3144444	39.865	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	1817413	35.228	ng	100
85) Di-n-octyl phthalate	14.64	149	2642879	33.453	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	2436485	31.390	ng	100
88) Benzo(b)fluoranthene	15.09	252	2873066	41.915	ng	100
89) Benzo(k)fluoranthene	15.12	252	2547134	41.116	ng	100
90) Benzo(a)pyrene	15.46	252	2379718	39.899	ng	100
91) Dibenzo(a,h)anthracene	17.01	278	2016722	36.202	ng	100
92) Benzo(g,h,i)perylene	17.44	276	1951781	36.272	ng	100

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

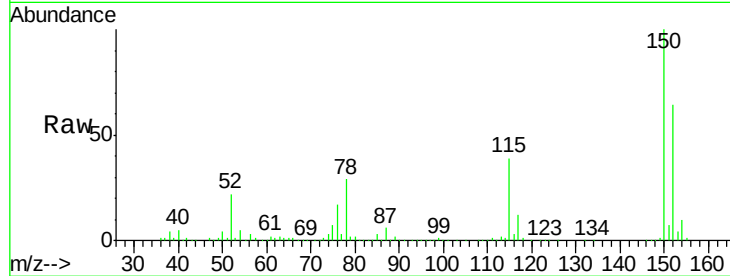


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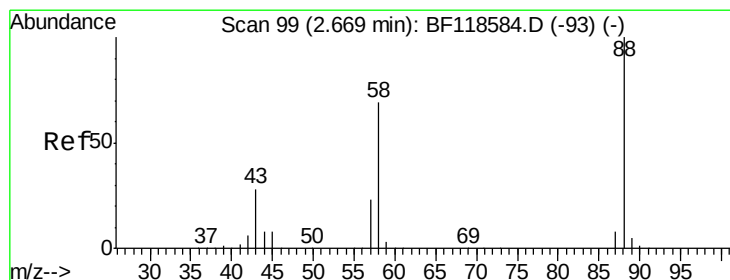
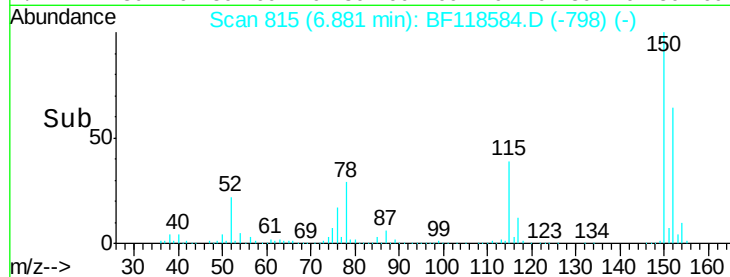
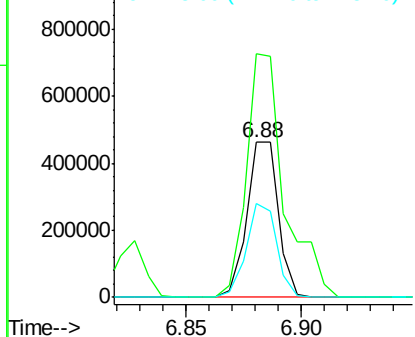
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 444200
Ion Ratio Lower Upper
152 100
150 157.0 125.6 188.4
115 60.5 48.4 72.6



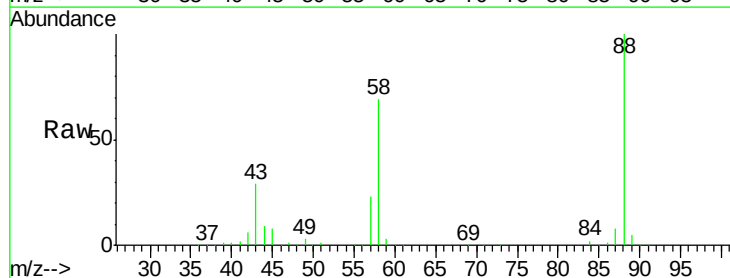
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



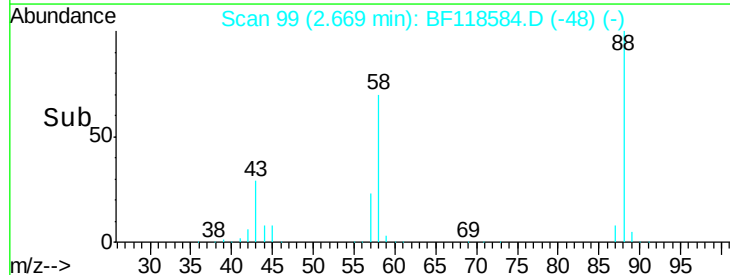
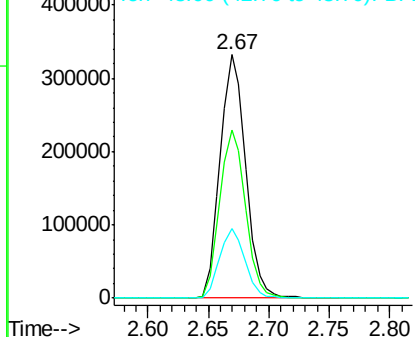
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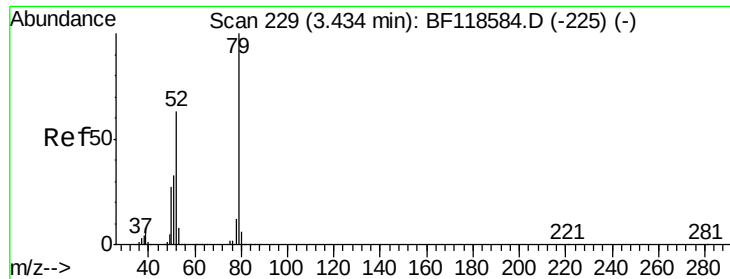
1,4-Dioxane
Concen: 41.779 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Tgt Ion: 88 Resp: 482600
Ion Ratio Lower Upper
88 100
58 70.1 56.1 84.1
43 28.8 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: 42.975 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_F

ClientSampleId :

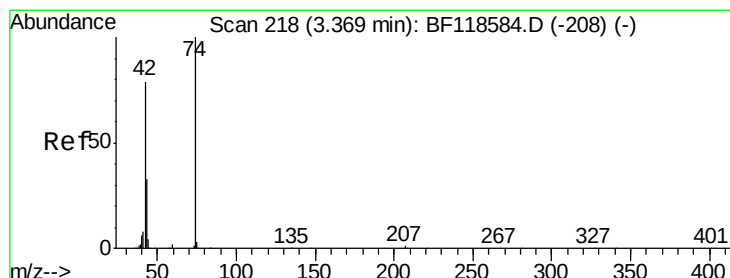
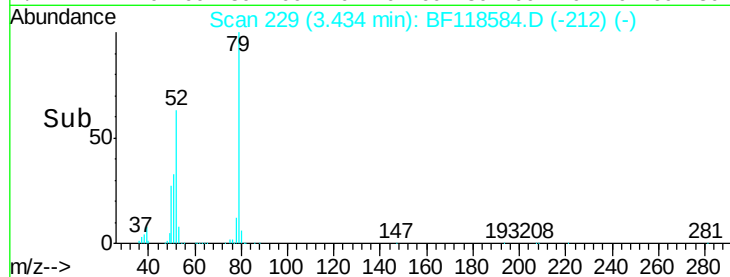
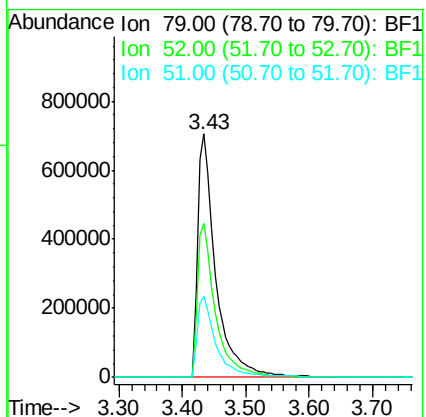
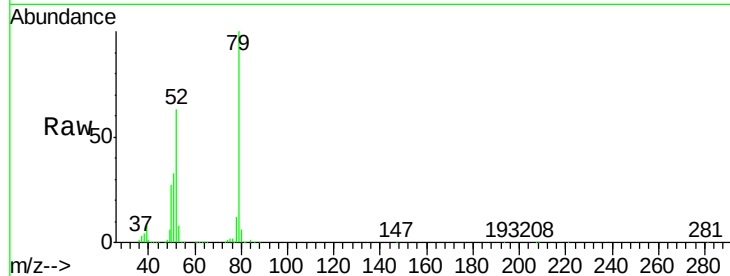
Tot Ion: 79 Resp: 1371008

Ion Ratio Lower Upper

79 100

52 63.4 50.7 76.1

51 33.3 26.6 40.0



#4

n-Nitrosodimethylamine

Concen: 40.246 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

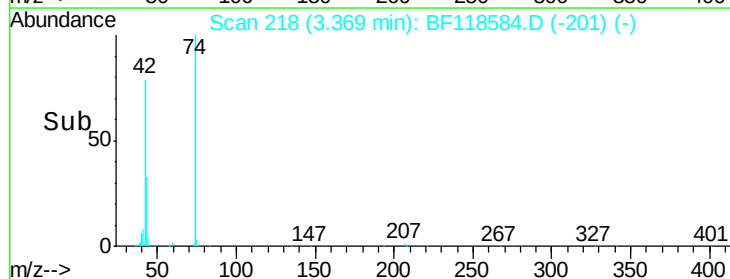
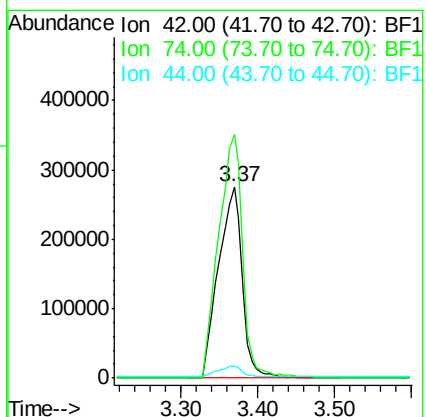
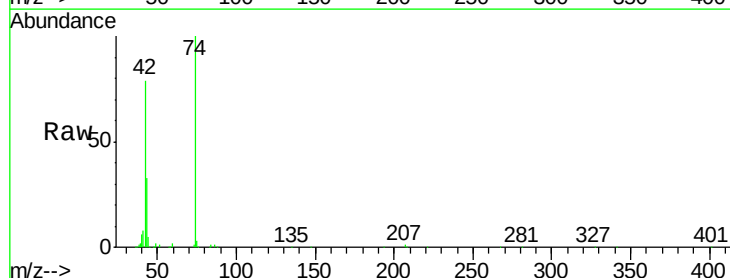
Tgt Ion: 42 Resp: 588893

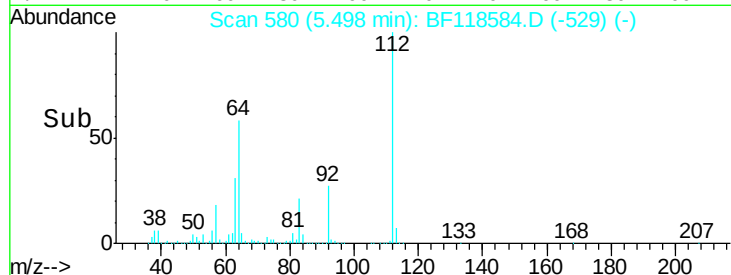
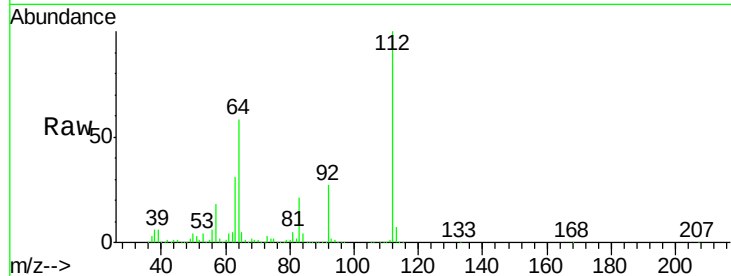
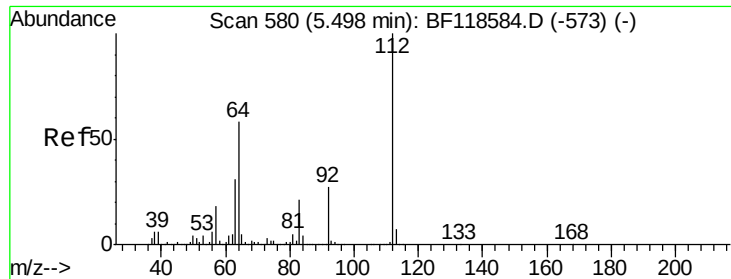
Ion Ratio Lower Upper

42 100

74 127.0 101.6 152.4

44 6.1 4.9 7.3





#5

2-Fluorophenol

Concen: 83.985 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:112 Resp: 2019034

Ion Ratio Lower Upper

112 100

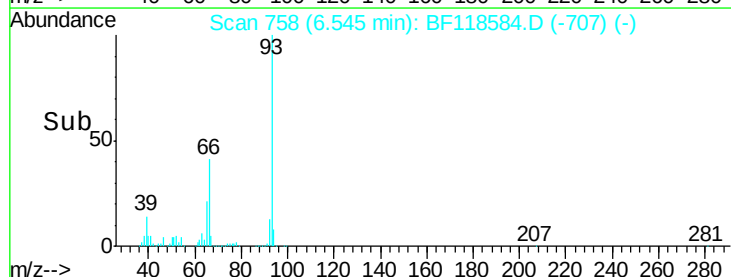
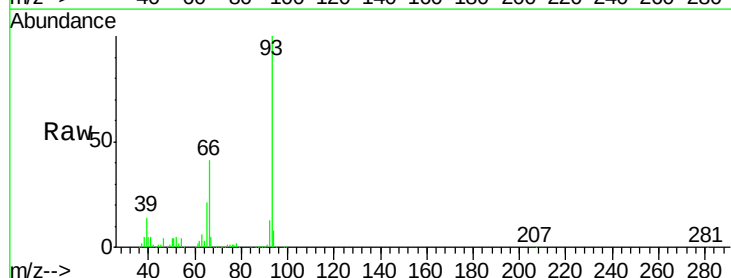
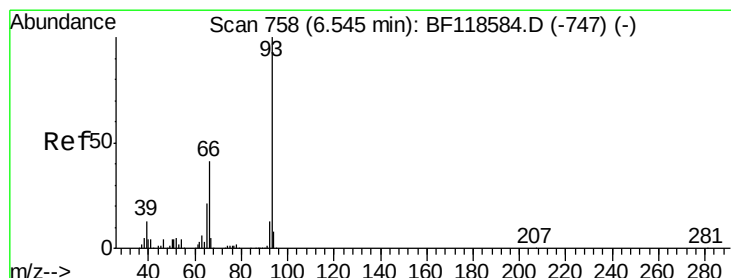
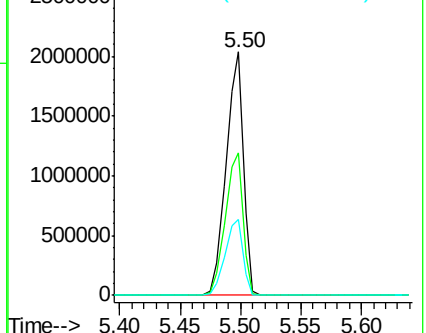
64 58.3 46.6 70.0

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: 41.669 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

Tgt Ion: 93 Resp: 1718049

Ion Ratio Lower Upper

93 100

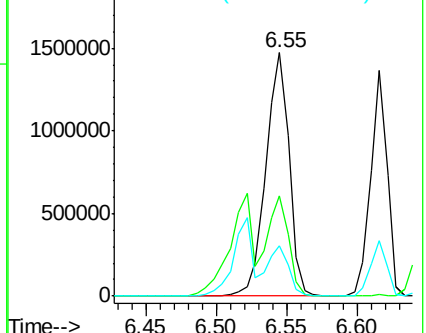
66 41.0 32.8 49.2

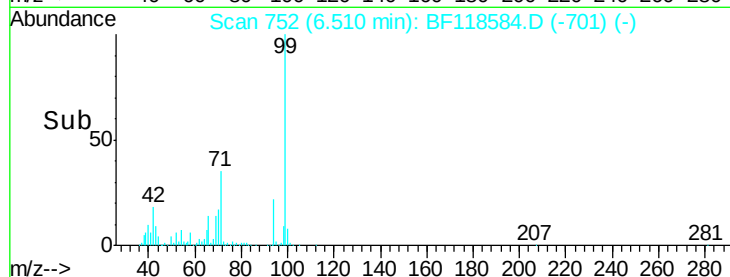
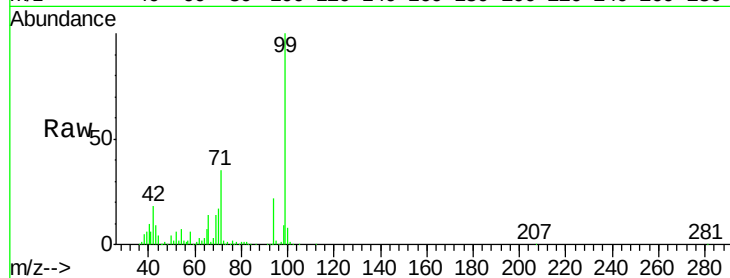
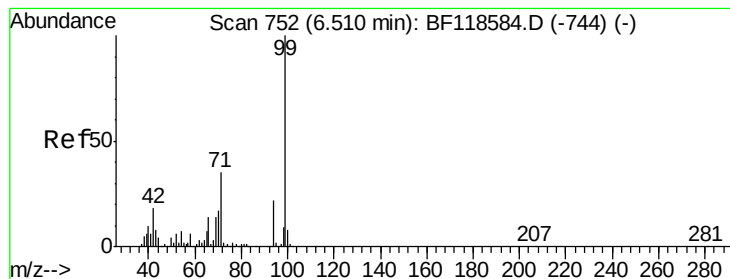
65 20.6 16.5 24.7

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: 83.810 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_F

ClientSampleId :

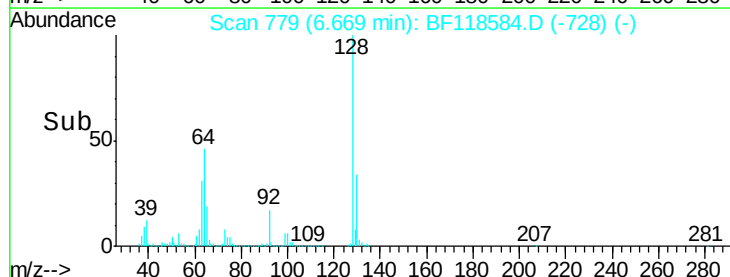
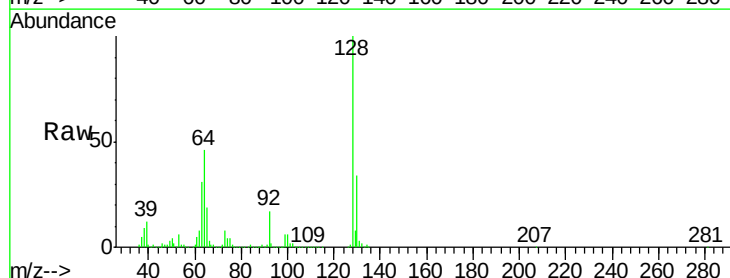
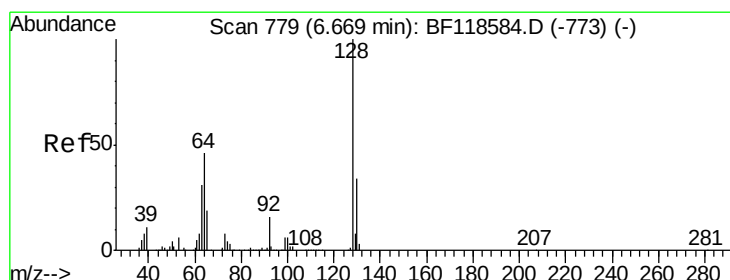
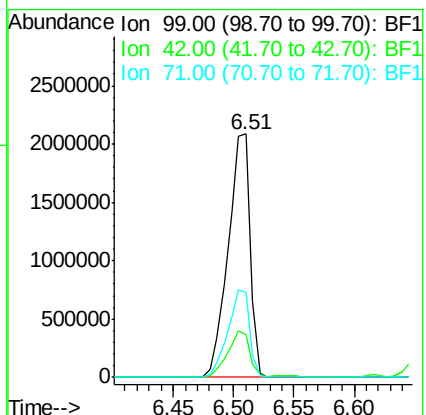
Tot Ion: 99 Resp: 2640044

Ion Ratio Lower Upper

99 100

42 17.7 14.2 21.2

71 34.7 27.8 41.6



#8

2-Chlorophenol

Concen: 41.439 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

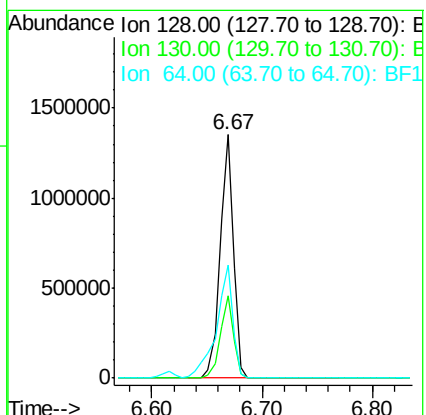
Tgt Ion:128 Resp: 1132998

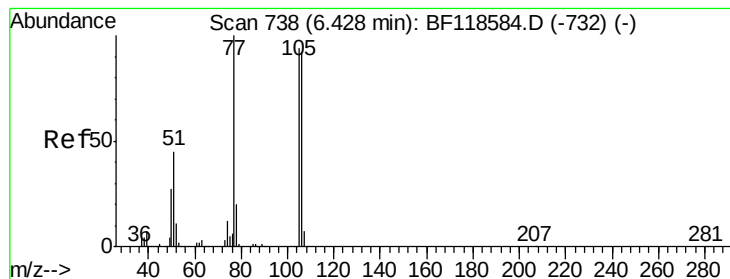
Ion Ratio Lower Upper

128 100

130 33.6 13.6 53.6

64 46.4 26.4 66.4





#9

Benzaldehyde

Concen: 48.154 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_F

ClientSampleId :

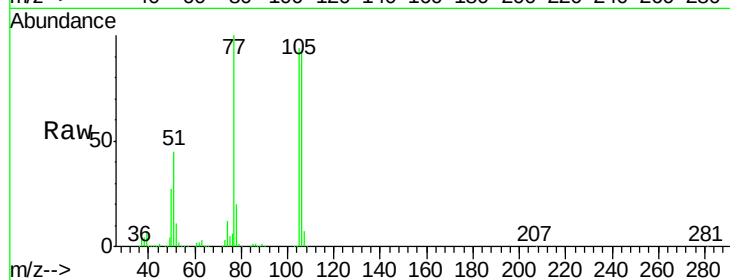
Tot Ion: 77 Resp: 776502

Ion Ratio Lower Upper

77 100

105 93.5 73.5 113.5

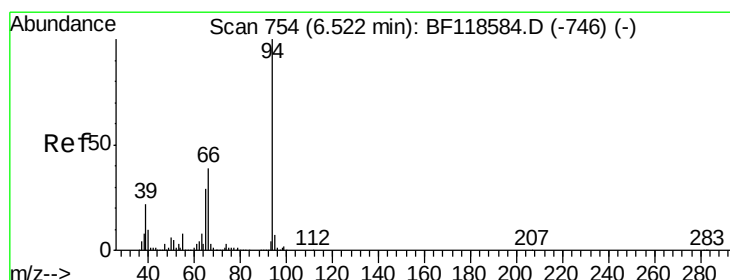
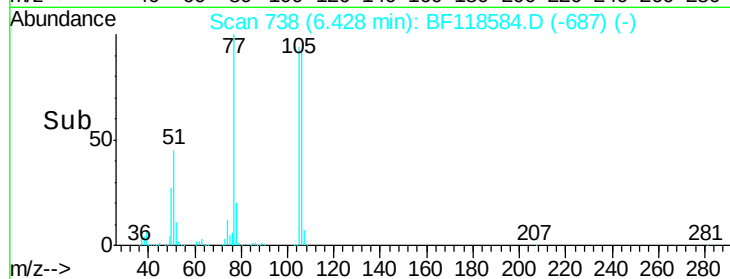
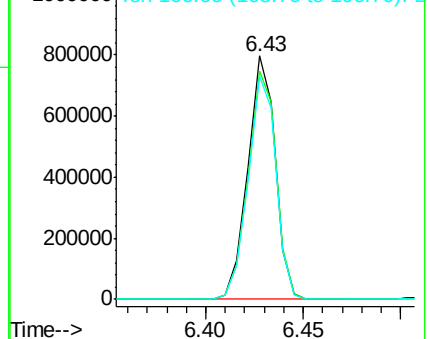
106 91.9 71.9 111.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.165 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

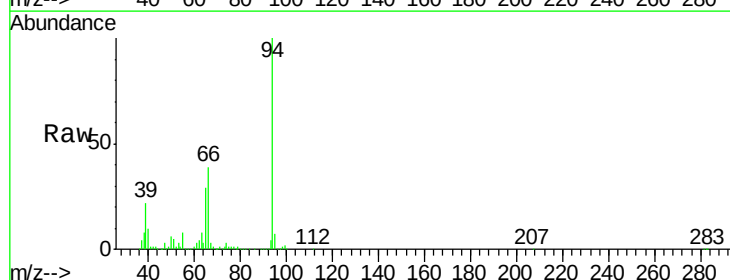
Tgt Ion: 94 Resp: 1491819

Ion Ratio Lower Upper

94 100

65 29.5 9.5 49.5

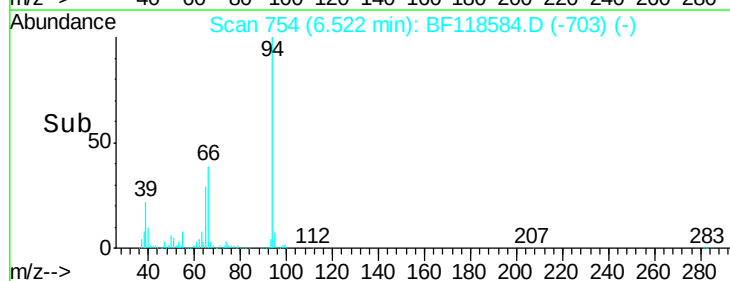
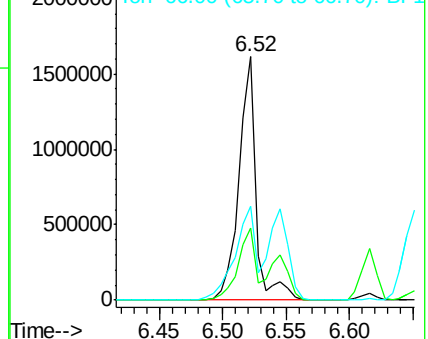
66 38.5 18.5 58.5

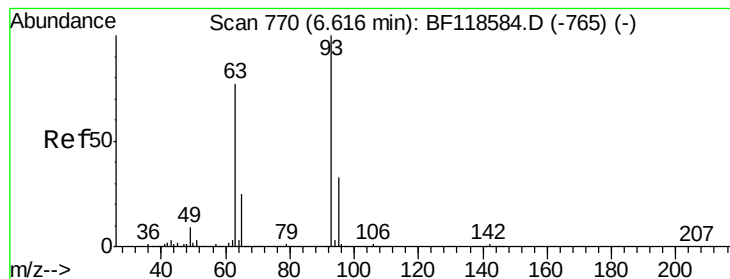


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.898 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_F

ClientSampleId :

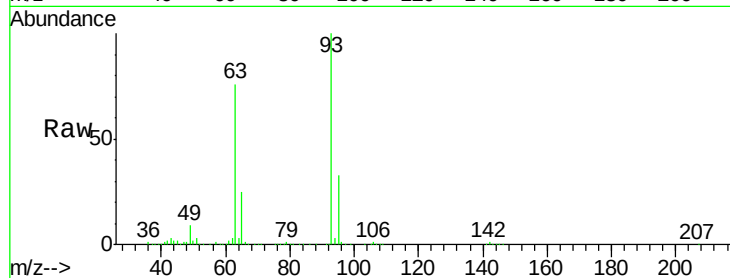
Tot Ion: 93 Resp: 1104423

Ion	Ratio	Lower	Upper
93	100		
63	76.3	56.3	96.3
95	33.3	13.3	53.3

93 100

63 76.3 56.3 96.3

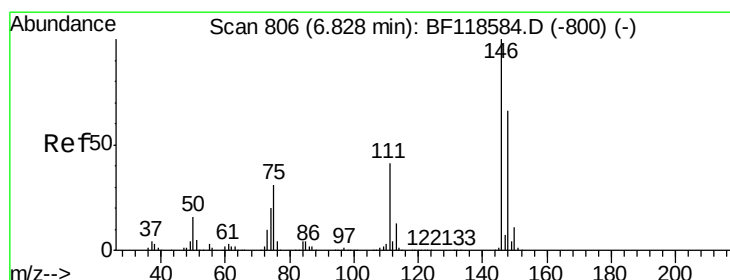
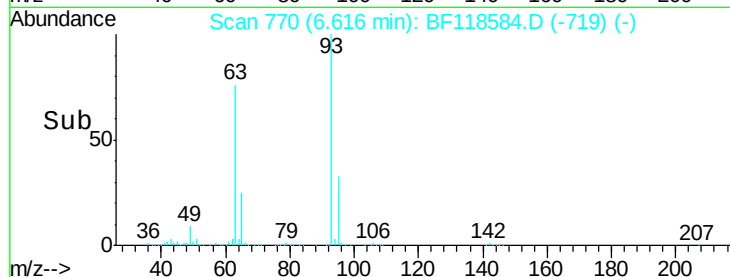
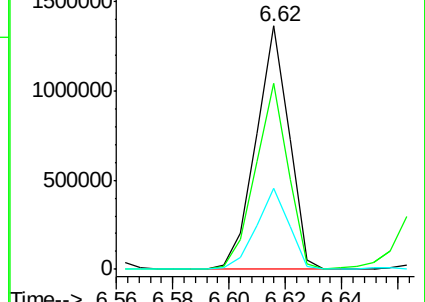
95 33.3 13.3 53.3



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: 40.864 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

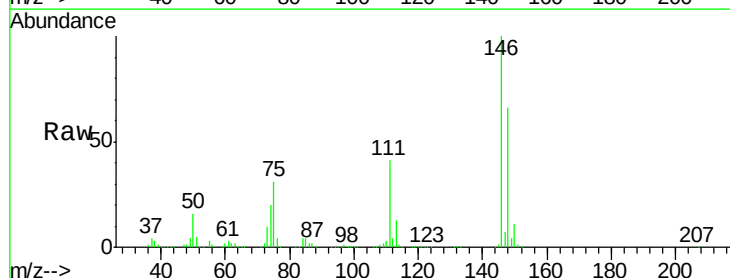
Tgt Ion: 146 Resp: 1328615

Ion	Ratio	Lower	Upper
146	100		
148	66.3	53.0	79.6
75	31.4	25.1	37.7

146 100

148 66.3 53.0 79.6

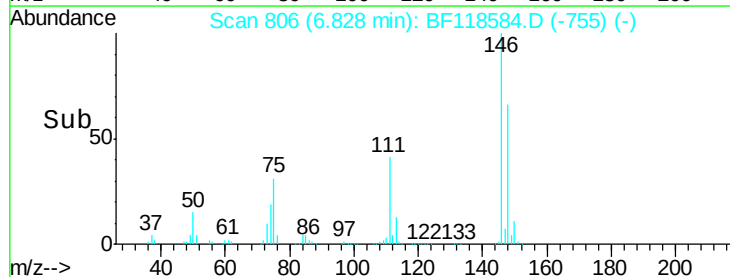
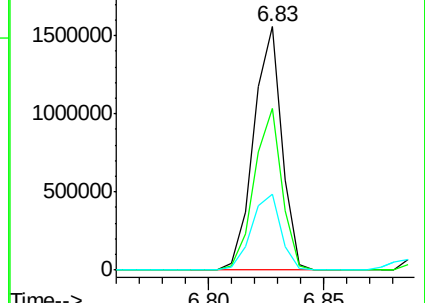
75 31.4 25.1 37.7

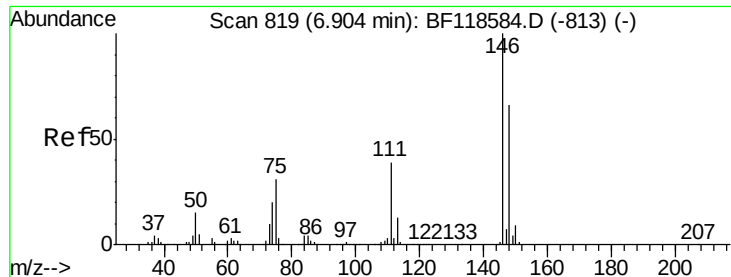


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

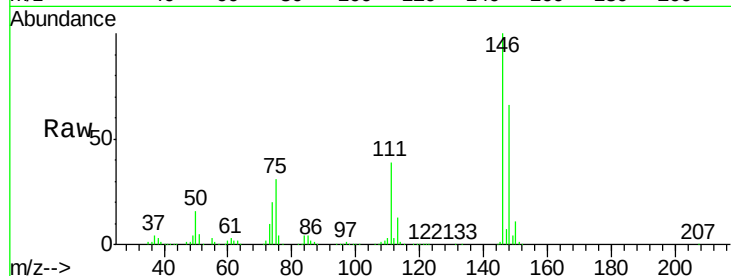




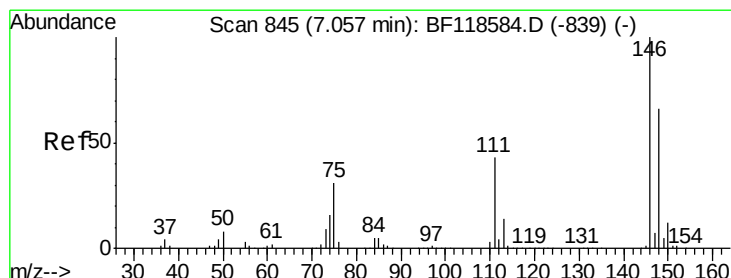
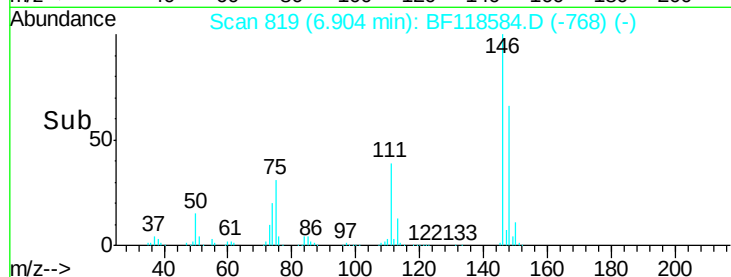
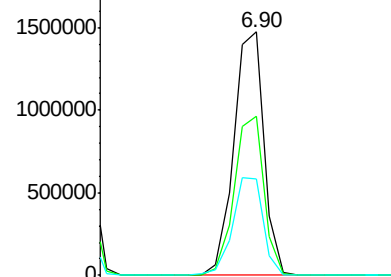
#13
 1,4-Dichlorobenzene
 Concen: 41.207 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF118584.D
 Acq: 20 Jan 2020 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 1345958
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.4 78.6
 111 39.5 31.6 47.4

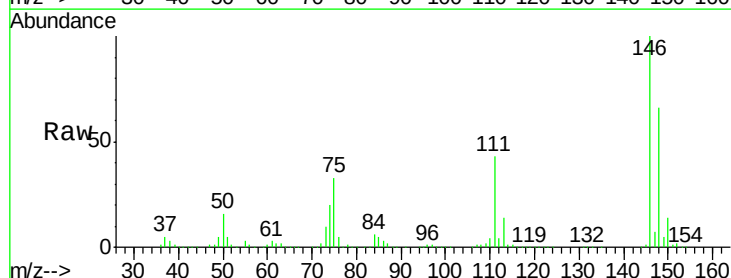


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

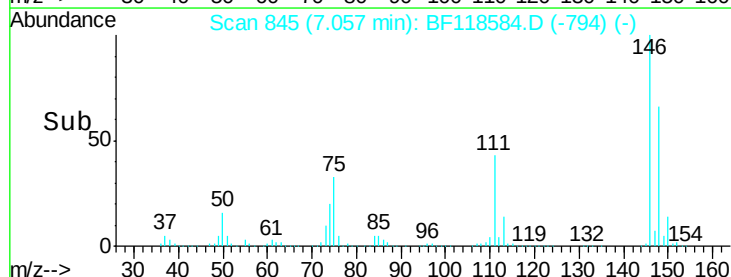
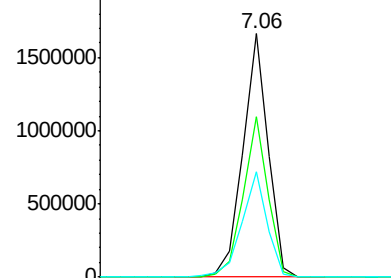


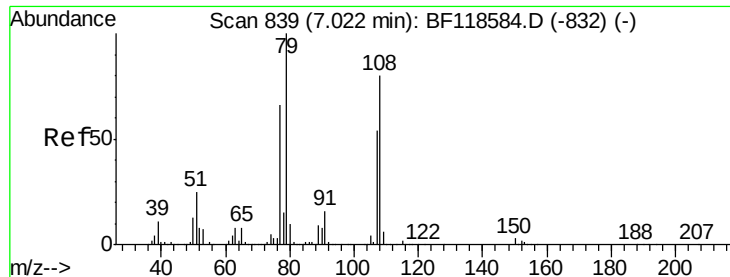
#14
 1,2-Dichlorobenzene
 Concen: 41.432 ng
 RT: 7.06 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF118584.D
 Acq: 20 Jan 2020 11:37

Tgt Ion:146 Resp: 1266198
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.7 79.1
 111 43.3 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: 39.983 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_F

ClientSampleId :

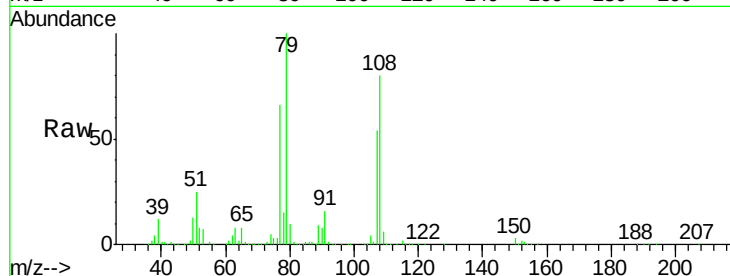
Tot Ion: 79 Resp: 1033620

Ion Ratio Lower Upper

79 100

108 79.5 63.6 95.4

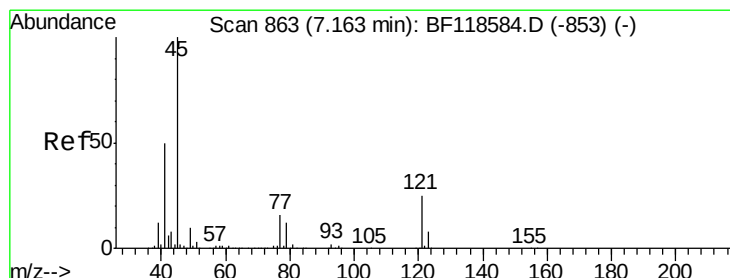
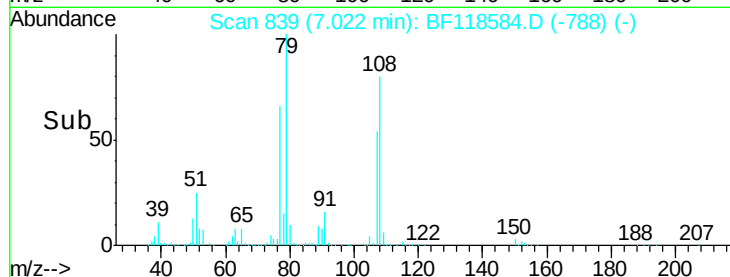
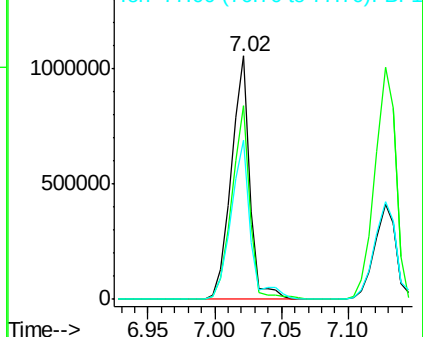
77 65.6 52.5 78.7



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: 37.910 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

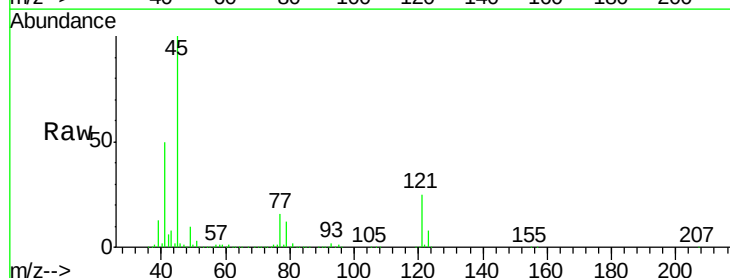
Tgt Ion: 45 Resp: 1539392

Ion Ratio Lower Upper

45 100

77 16.1 0.0 36.1

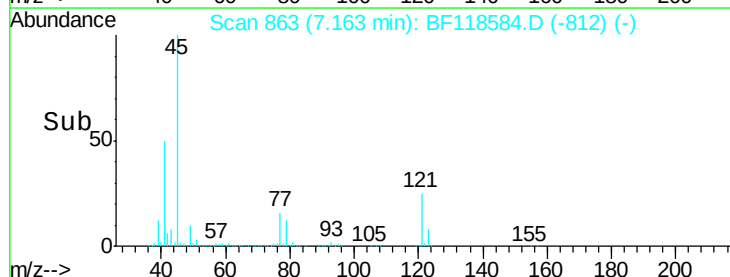
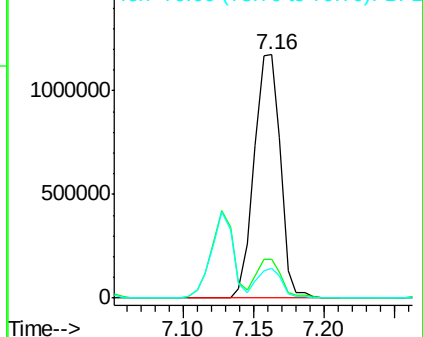
79 12.4 0.0 32.4

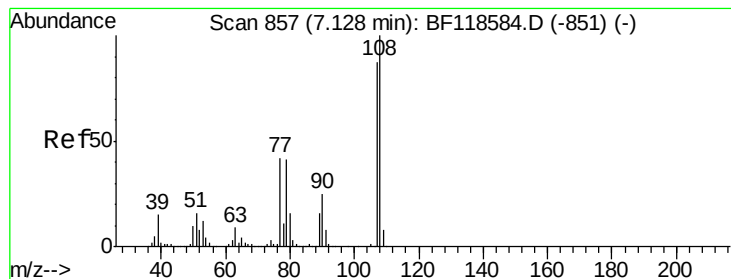


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

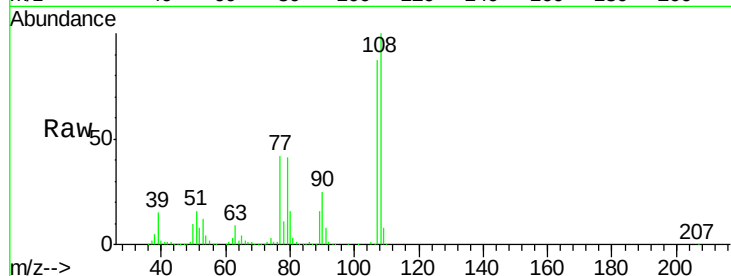




#17
2-Methylphenol
Concen: 40.249 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.5	137.3
77	48.4	38.7	58.1
79	47.1	37.7	56.5



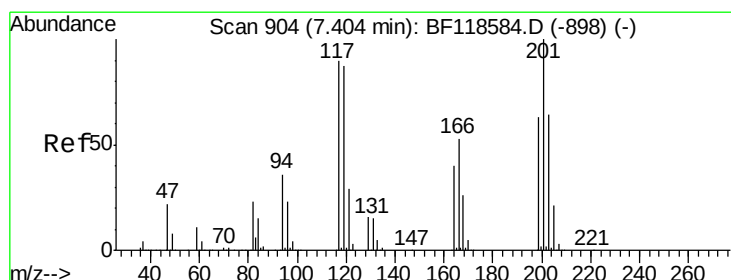
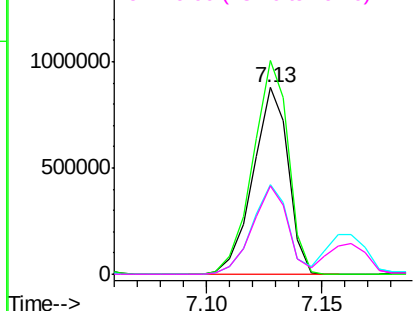
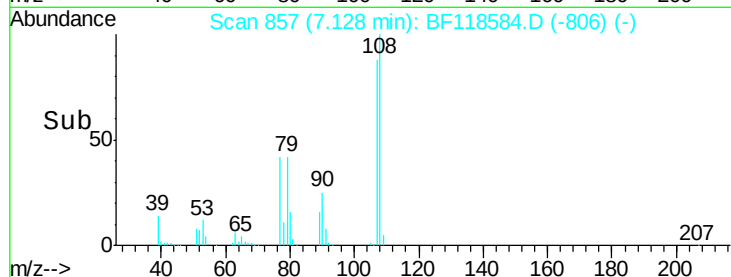
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

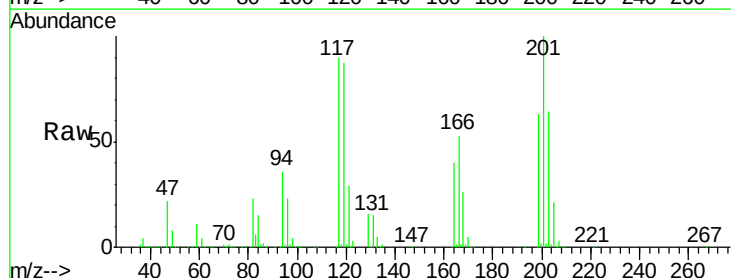
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.233 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.6	116.4
201	111.0	88.8	133.2

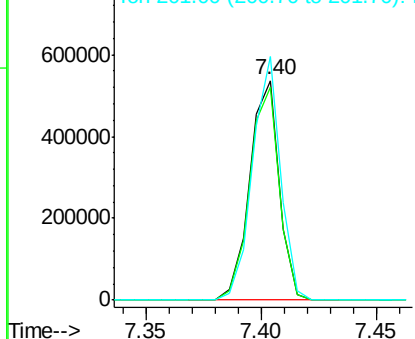
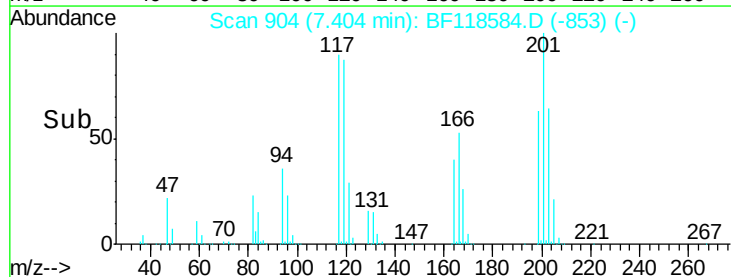


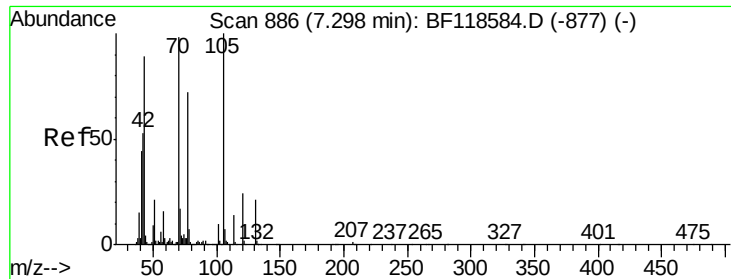
Abundance

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

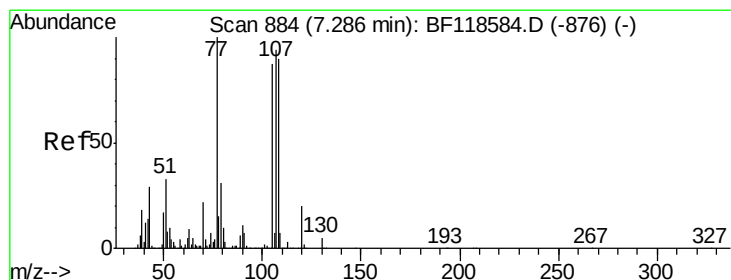
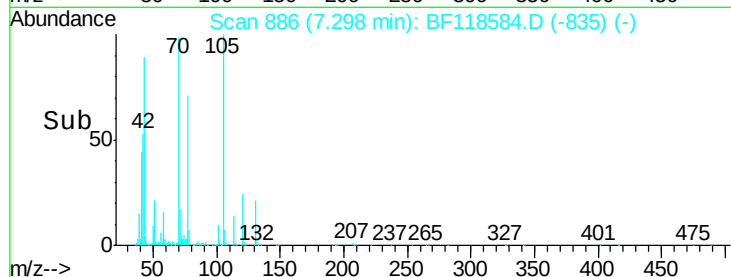
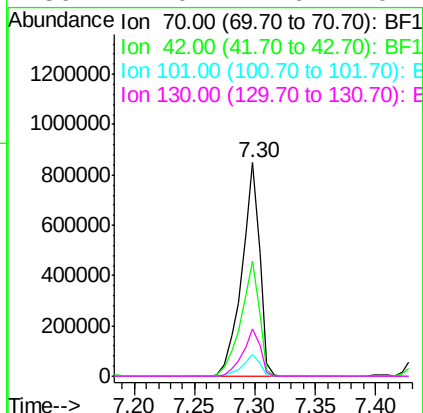
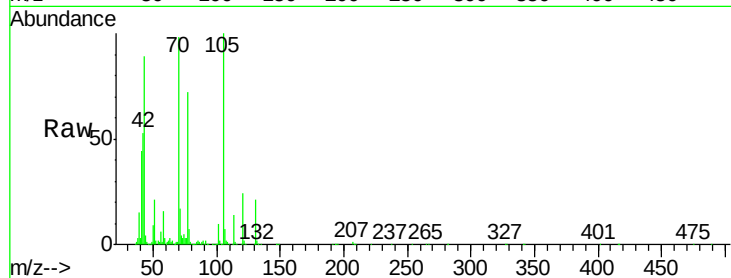




#19
n-Nitroso-di-n-propylamine
Concen: 38.645 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

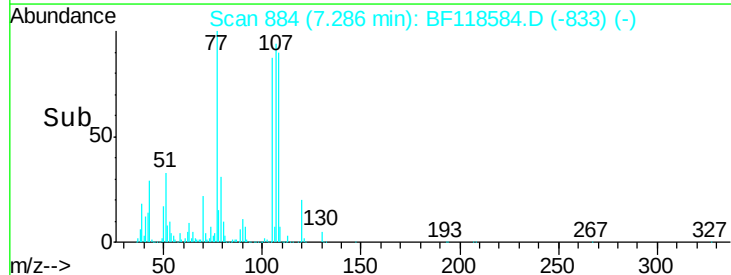
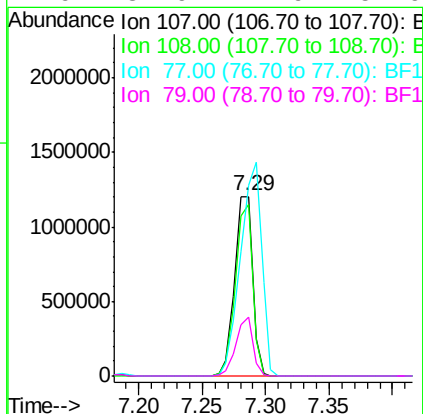
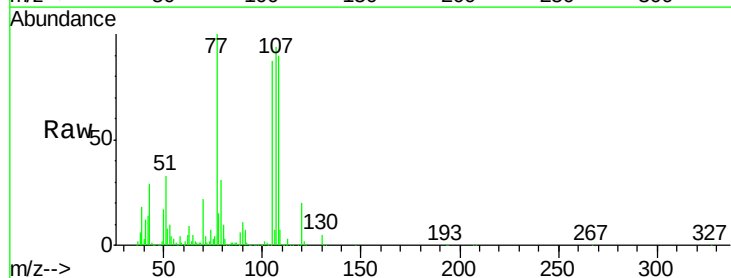
Instrument :
BNA_F
ClientSampleId :

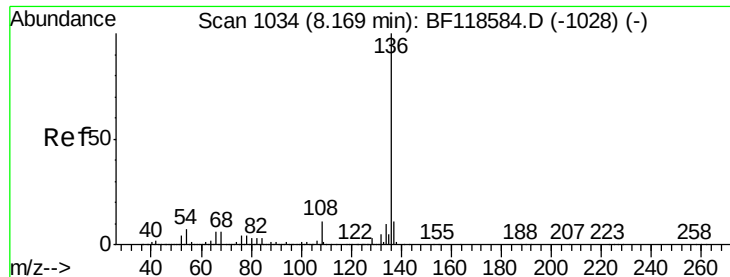
Tot Ion:	70	Resp:	872977
Ion	Ratio	Lower	Upper
70	100		
42	54.2	43.4	65.0
101	10.1	8.1	12.1
130	22.0	17.6	26.4



#20
3+4-Methylphenols
Concen: 42.494 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Tgt Ion:	107	Resp:	1179340
Ion	Ratio	Lower	Upper
107	100		
108	95.8	75.8	115.8
77	106.5	86.5	126.5
79	32.9	12.9	52.9



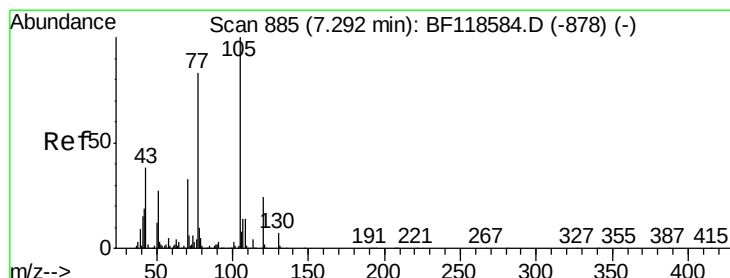
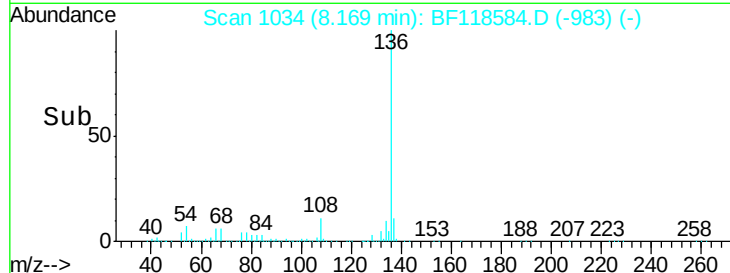
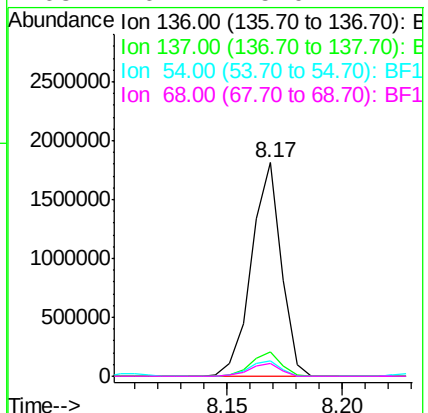
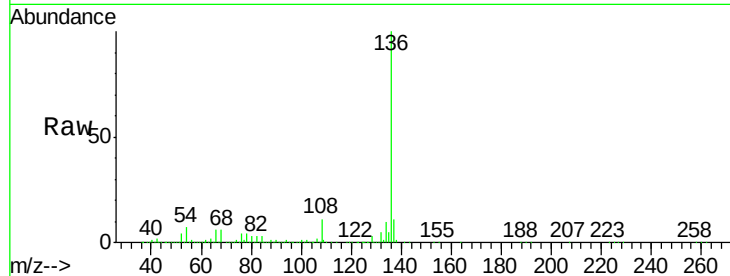


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 1628343

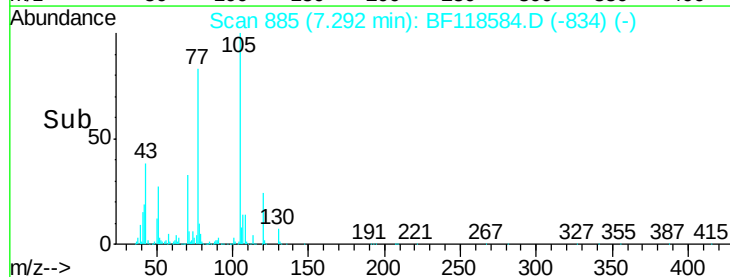
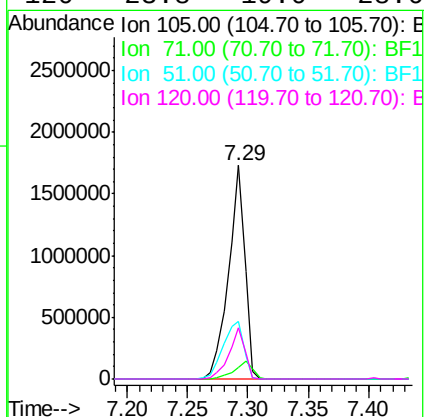
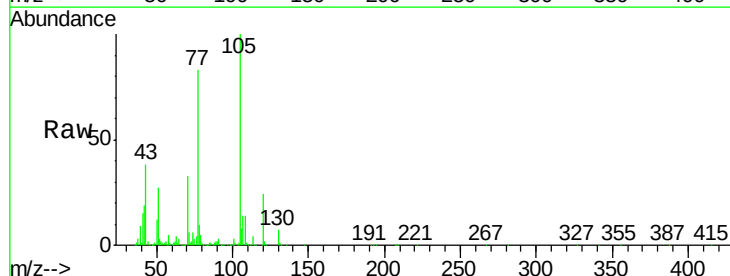
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.2	5.8	8.6
68	6.2	5.0	7.4

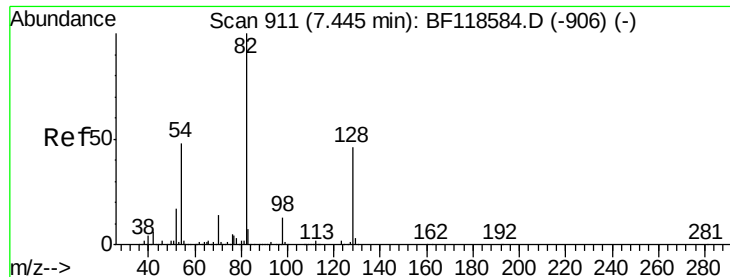


#22
Acetophenone
Concen: 41.237 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Tgt Ion:105 Resp: 1629474

Ion	Ratio	Lower	Upper
105	100		
71	5.6	4.5	6.7
51	26.9	21.5	32.3
120	23.8	19.0	28.6

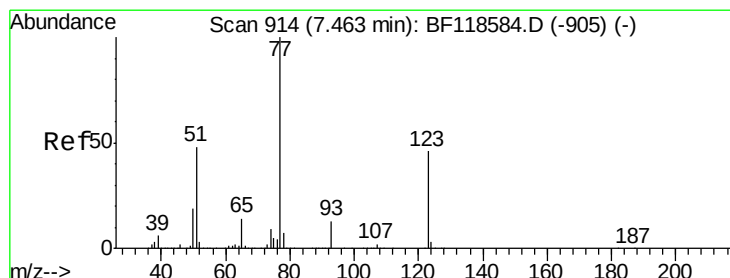
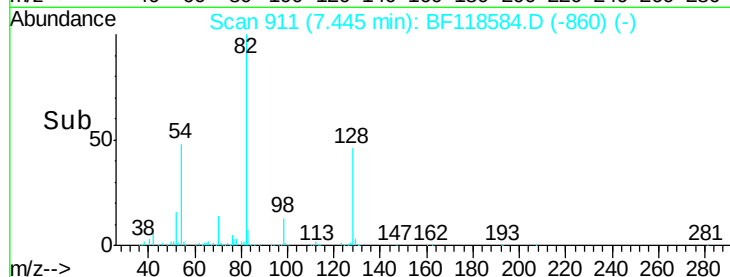
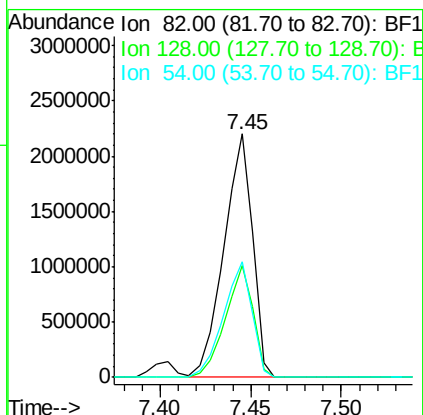
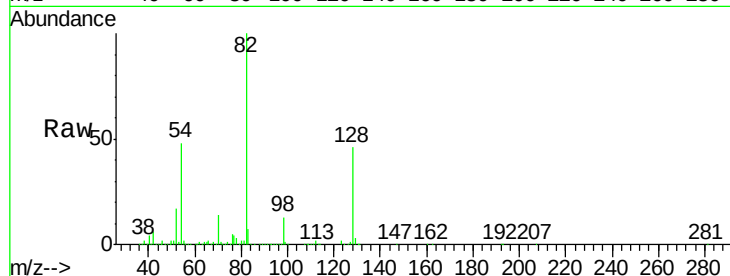




#23
 Nitrobenzene-d5
 Concen: 91.610 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF118584.D
 Acq: 20 Jan 2020 11:37

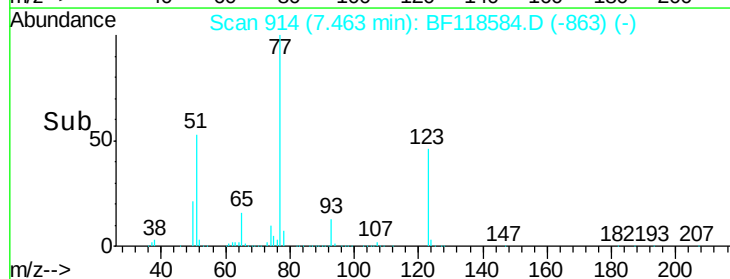
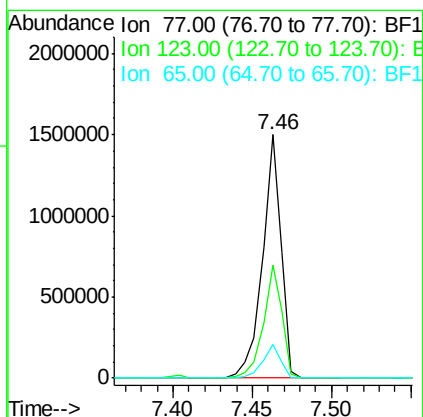
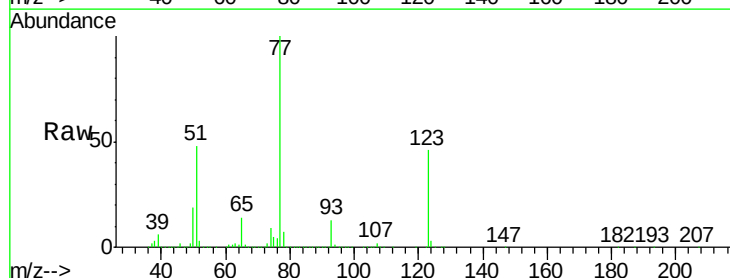
Instrument :
 BNA_F
 ClientSampled :

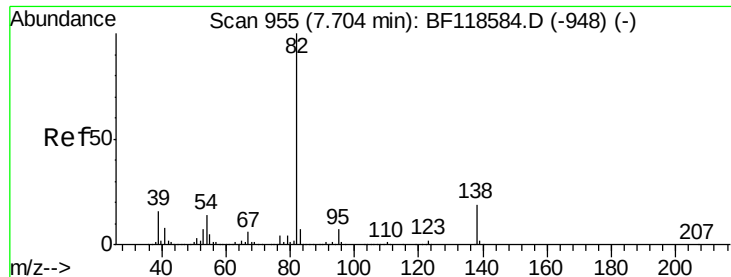
Tot Ion: 82 Resp: 2415296
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.6 54.8
 54 47.5 38.0 57.0



#24
 Nitrobenzene
 Concen: 44.025 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF118584.D
 Acq: 20 Jan 2020 11:37

Tgt Ion: 77 Resp: 1234357
 Ion Ratio Lower Upper
 77 100
 123 46.2 37.0 55.4
 65 13.9 11.1 16.7





#25

Isophorone

Concen: 37.640 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_F

ClientSampleId :

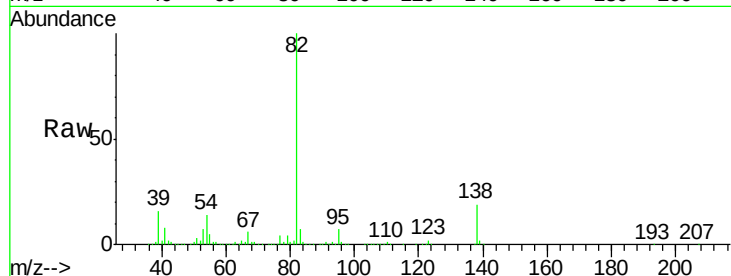
Tot Ion: 82 Resp: 2153801

Ion Ratio Lower Upper

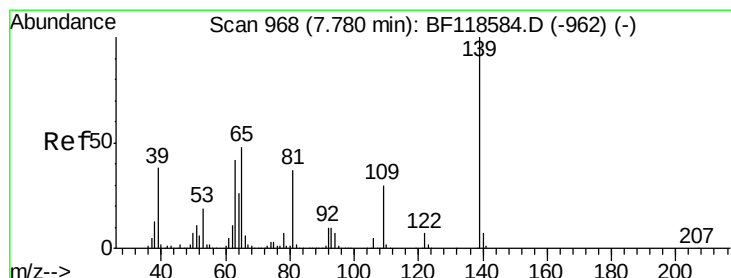
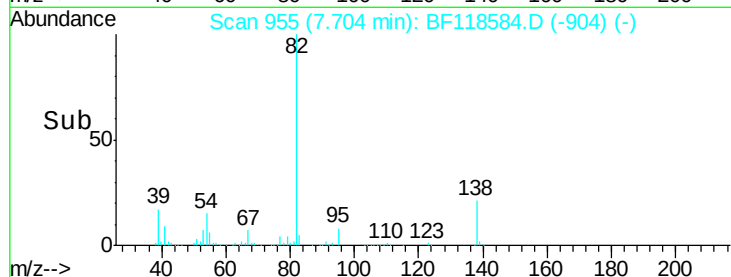
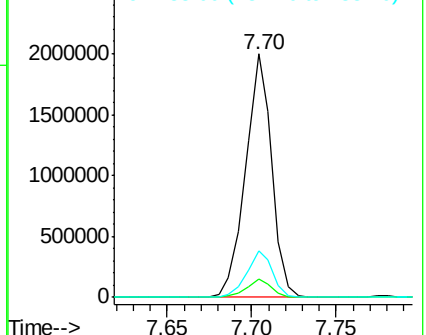
82 100

95 7.4 5.9 8.9

138 19.1 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: 46.207 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

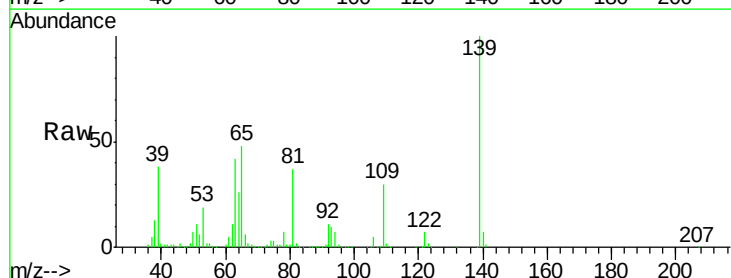
Tgt Ion: 139 Resp: 511873

Ion Ratio Lower Upper

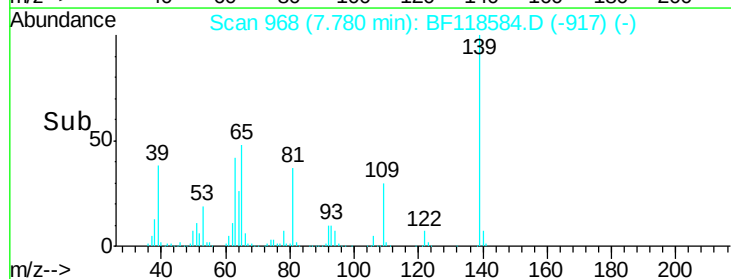
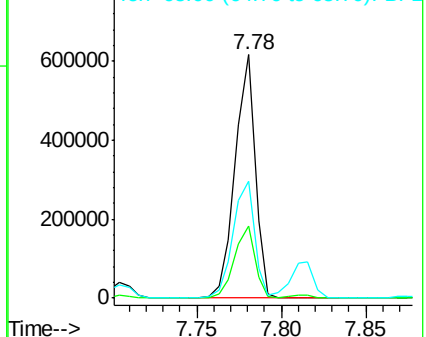
139 100

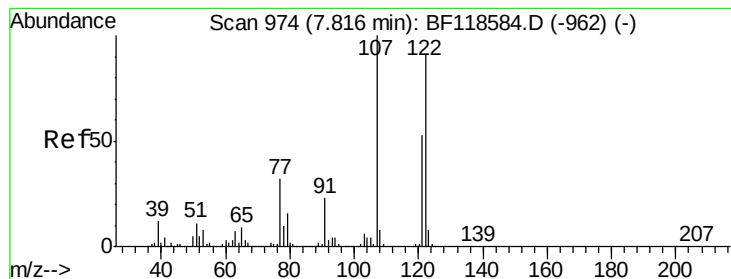
109 29.8 23.8 35.8

65 48.1 38.5 57.7



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





#27

2,4-Dimethylphenol

Concen: 39.856 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_F

ClientSampleId :

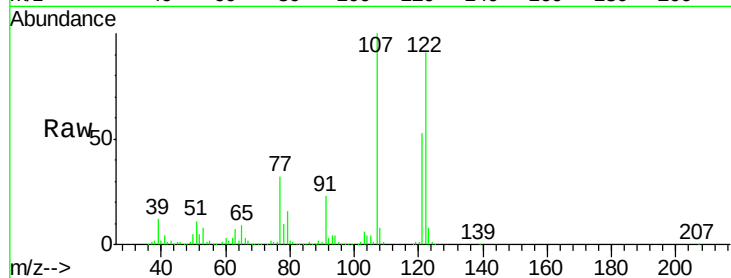
Tot Ion:122 Resp: 906996

Ion Ratio Lower Upper

122 100

107 110.0 88.0 132.0

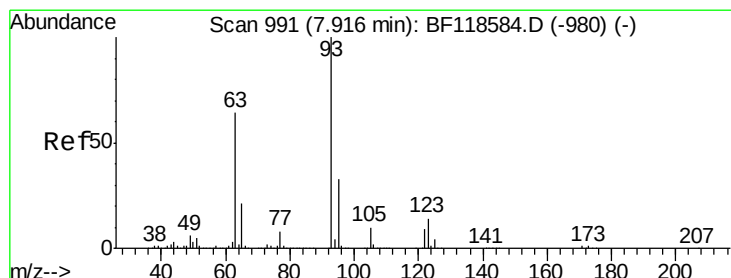
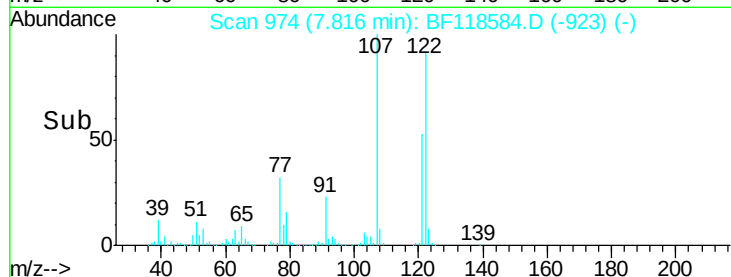
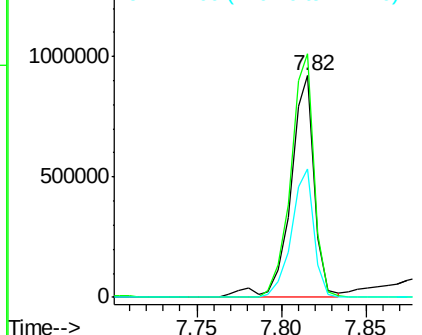
121 57.9 46.3 69.5



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: 38.272 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

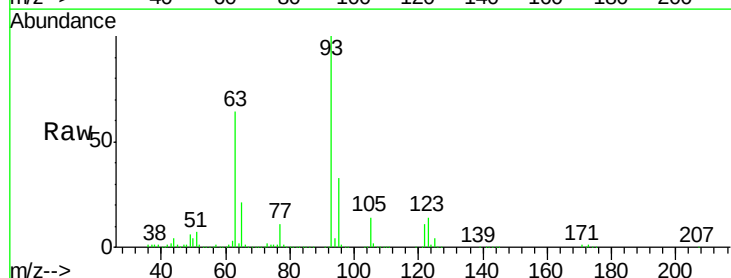
Tgt Ion: 93 Resp: 1407077

Ion Ratio Lower Upper

93 100

95 33.4 26.7 40.1

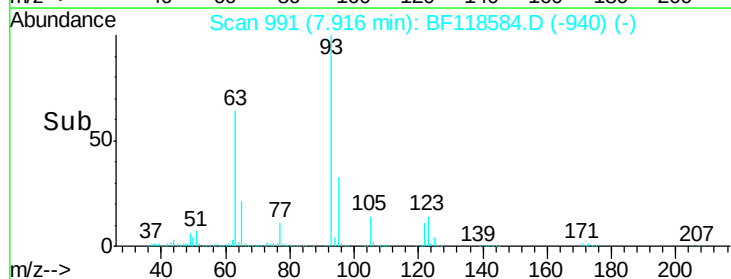
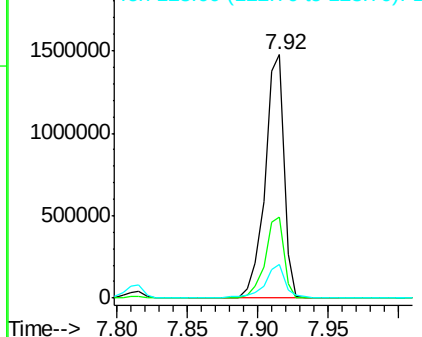
123 13.8 11.0 16.6

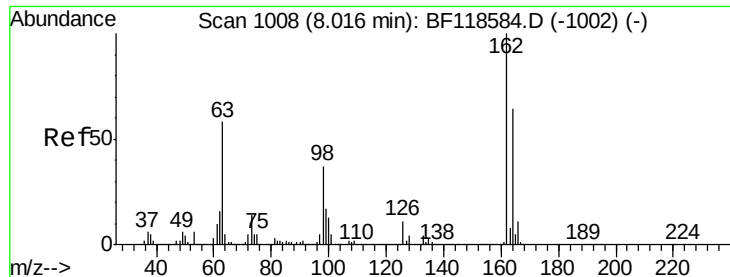


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

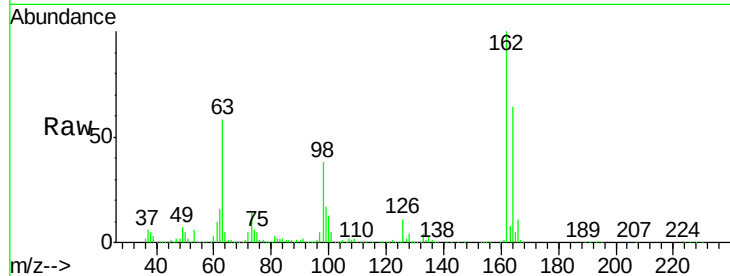




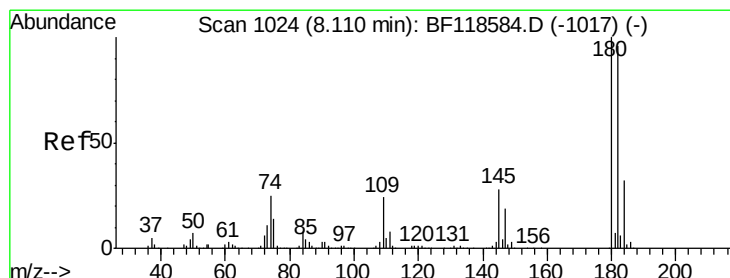
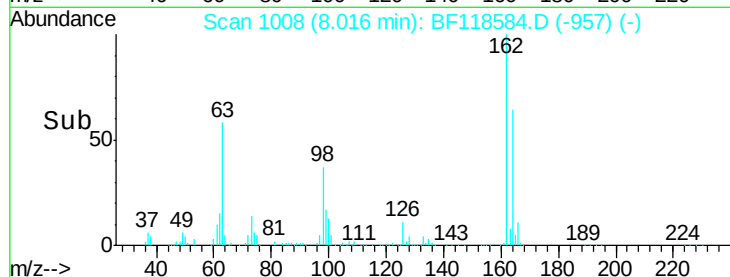
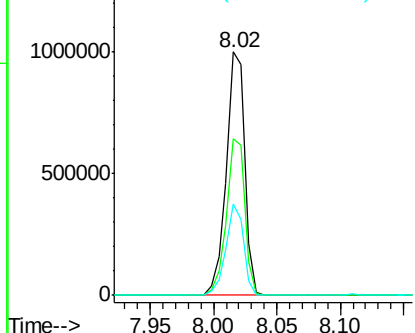
#29
2,4-Dichlorophenol
Concen: 40.099 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1004434
Ion Ratio Lower Upper
162 100
164 64.3 44.3 84.3
98 37.5 17.5 57.5

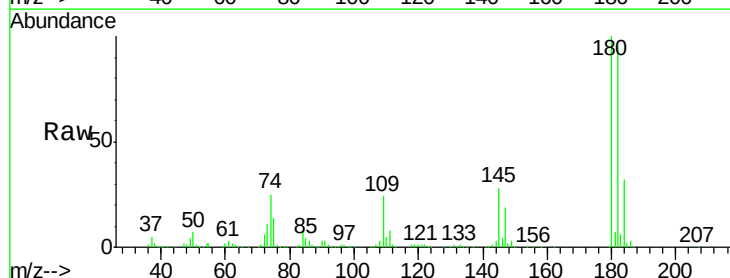


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

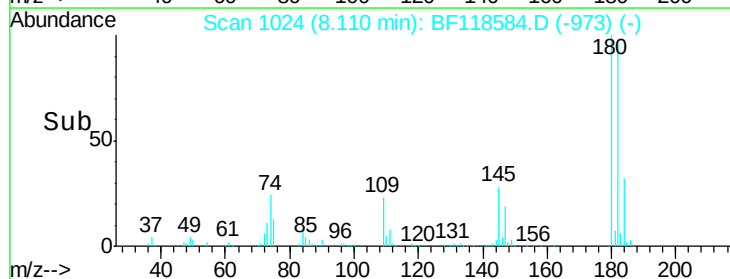
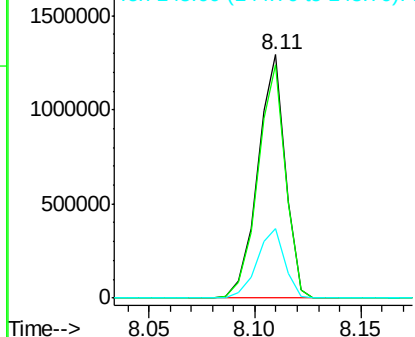


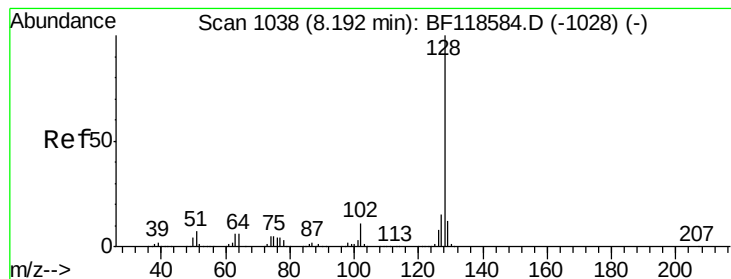
#30
1,2,4-Trichlorobenzene
Concen: 40.130 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Tgt Ion:180 Resp: 1171484
Ion Ratio Lower Upper
180 100
182 96.1 76.9 115.3
145 28.5 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: 40.718 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_F

ClientSampleId :

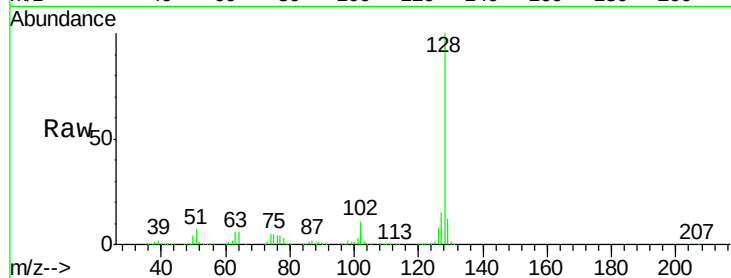
Tot Ion:128 Resp: 3126810

Ion Ratio Lower Upper

128 100

129 12.4 9.9 14.9

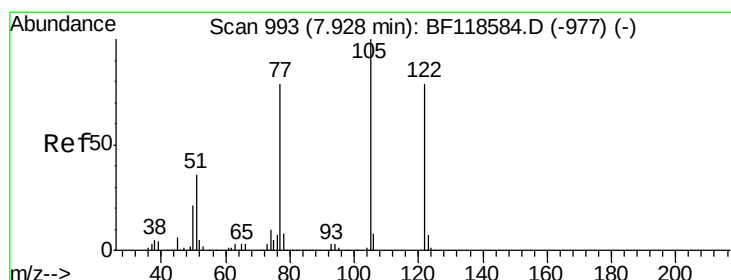
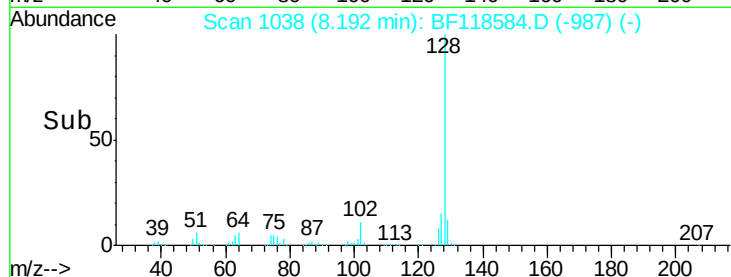
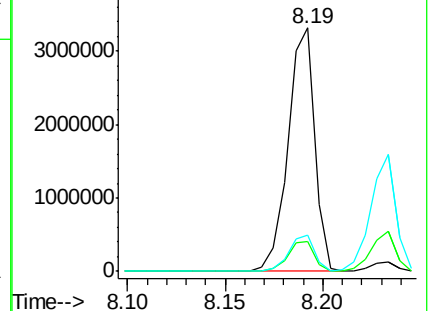
127 15.0 12.0 18.0



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: 47.571 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

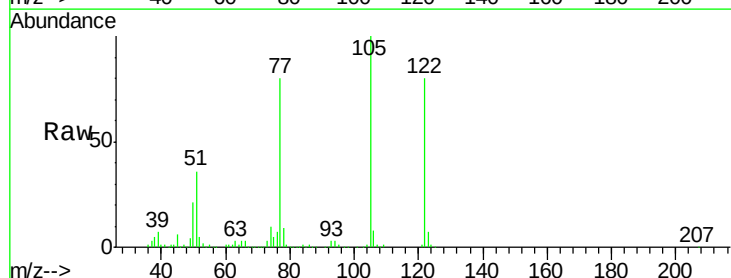
Tgt Ion:122 Resp: 665112

Ion Ratio Lower Upper

122 100

105 124.3 104.3 144.3

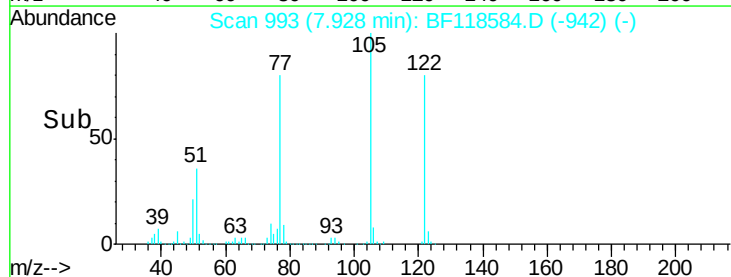
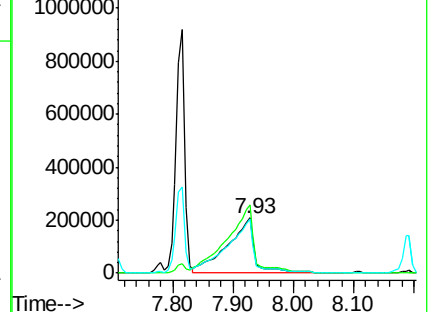
77 99.4 79.4 119.4

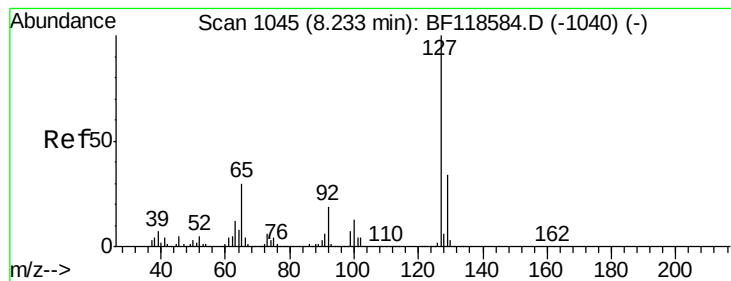


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 40.289 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 1437540

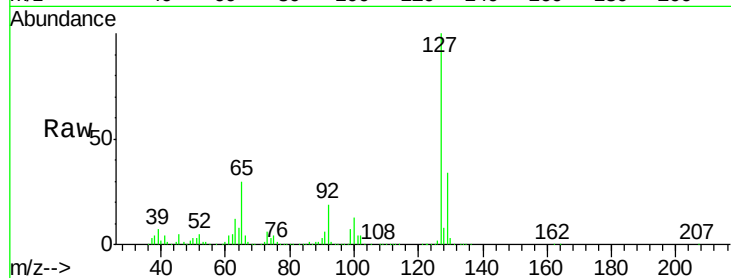
Ion Ratio Lower Upper

127 100

129 34.2 27.4 41.0

65 29.5 23.6 35.4

92 18.7 15.0 22.4

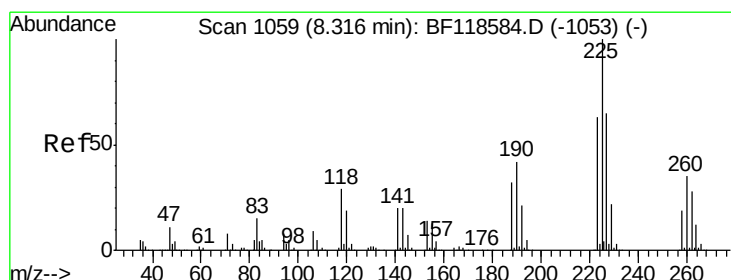
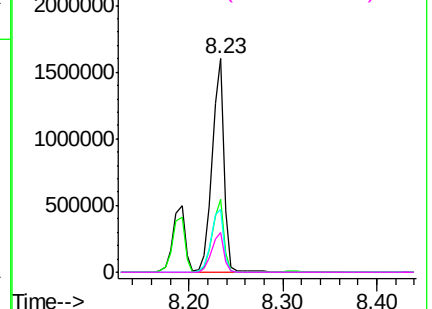
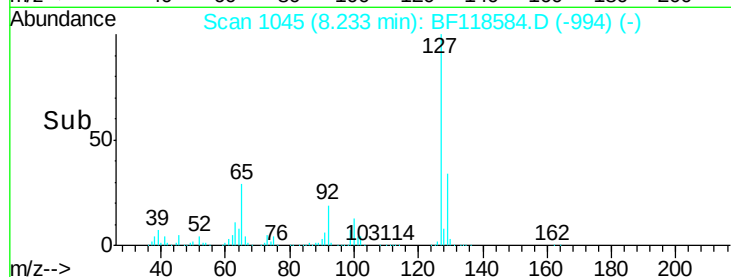


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.087 ng

RT: 8.32 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

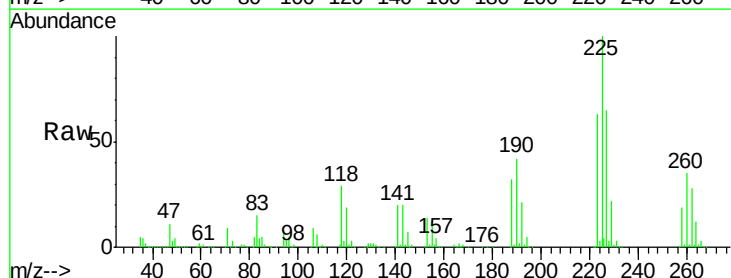
Tgt Ion:225 Resp: 711712

Ion Ratio Lower Upper

225 100

223 62.8 50.2 75.4

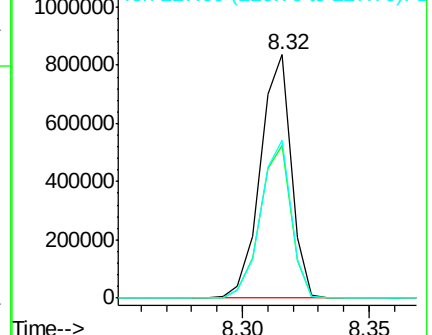
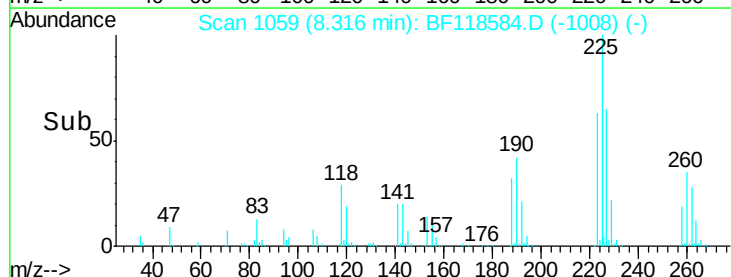
227 65.1 52.1 78.1

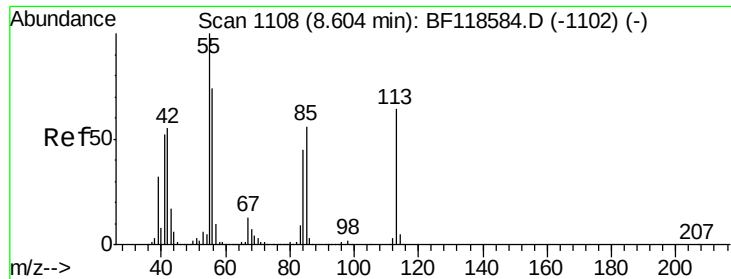


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

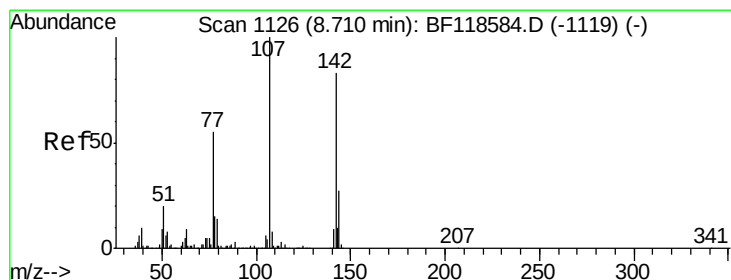
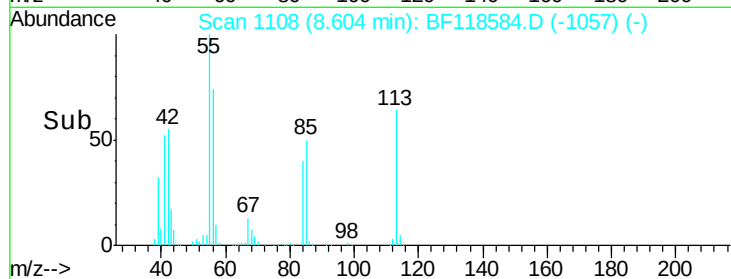
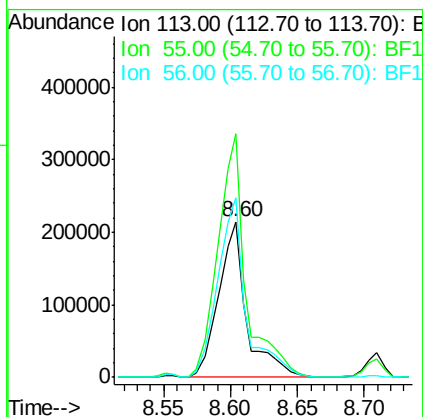
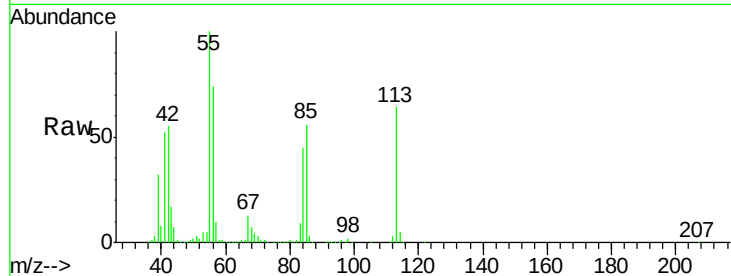




#35
Caprolactam
Concen: 40.406 ng
RT: 8.60 min Scan# 1108
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

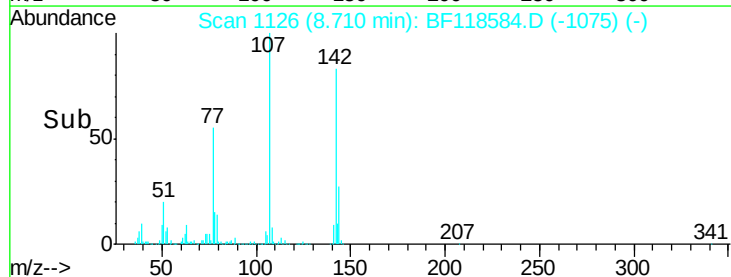
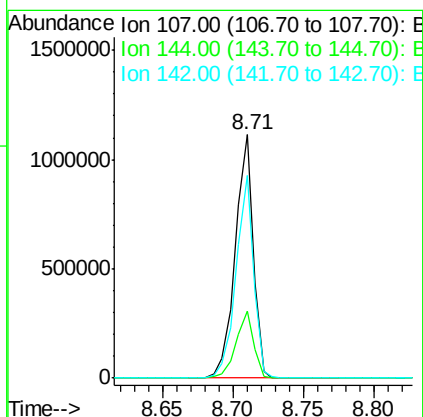
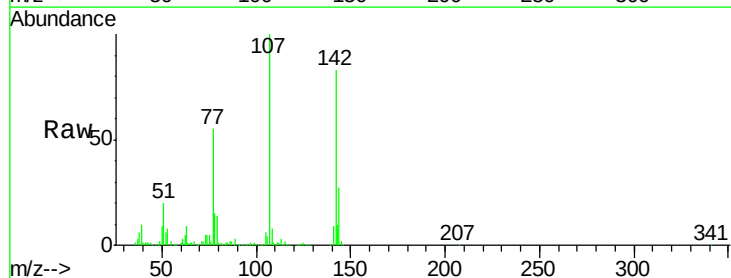
Instrument :
BNA_F
ClientSampled :

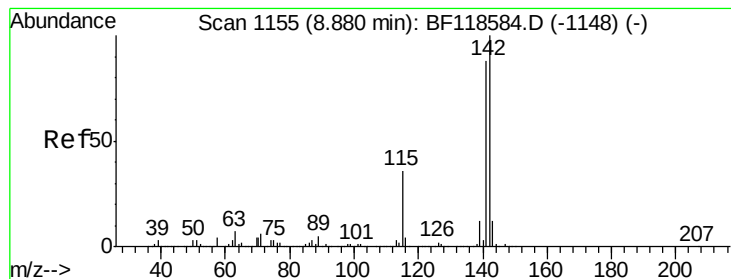
Tot Ion:113 Resp: 314864
Ion Ratio Lower Upper
113 100
55 156.1 136.1 176.1
56 115.2 95.2 135.2



#36
4-Chloro-3-methylphenol
Concen: 39.975 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Tgt Ion:107 Resp: 992657
Ion Ratio Lower Upper
107 100
144 27.3 21.8 32.8
142 83.1 66.5 99.7





#37

2-Methylnaphthalene

Concen: 40.345 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_F

ClientSampleId :

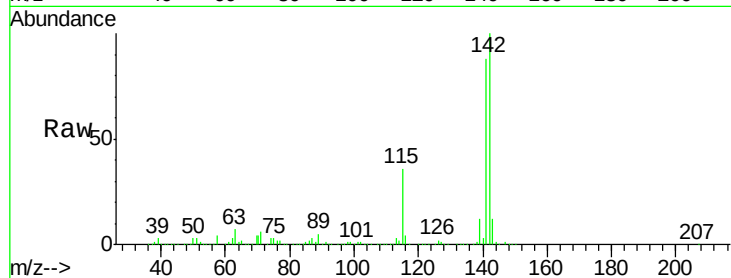
Tot Ion:142 Resp: 2194940

Ion Ratio Lower Upper

142 100

141 88.4 70.7 106.1

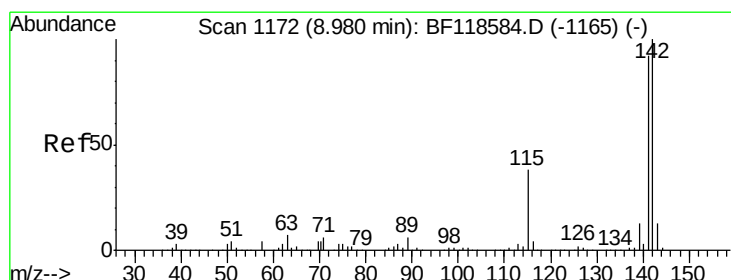
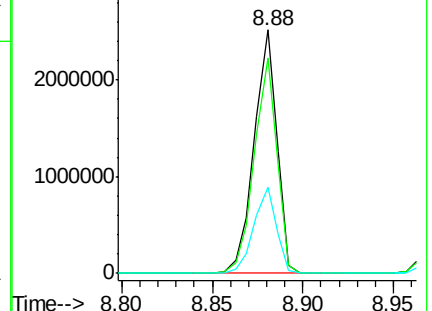
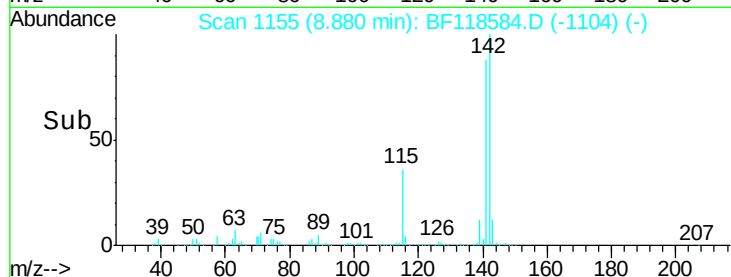
115 35.6 28.5 42.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.200 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

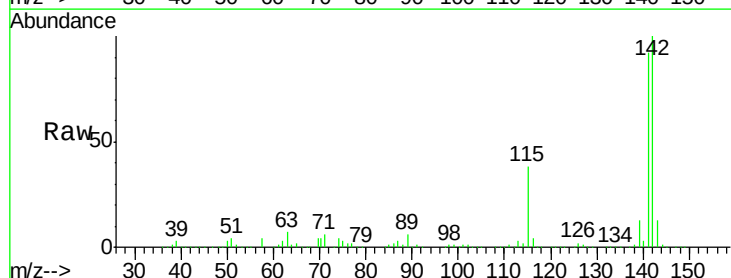
Tgt Ion:142 Resp: 2069068

Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.2

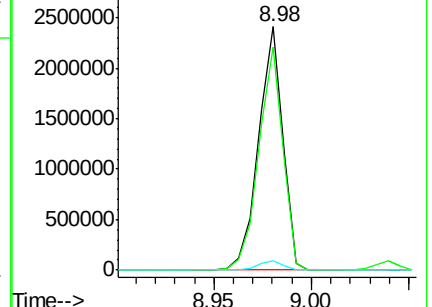
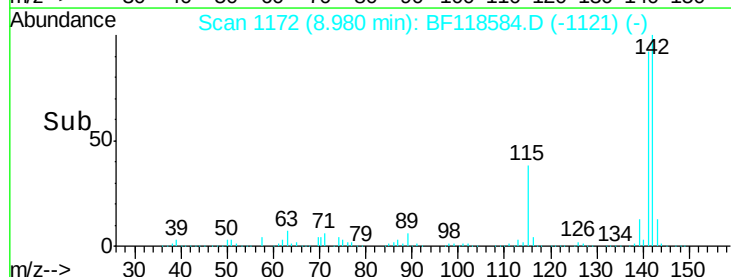
116 4.1 3.3 4.9

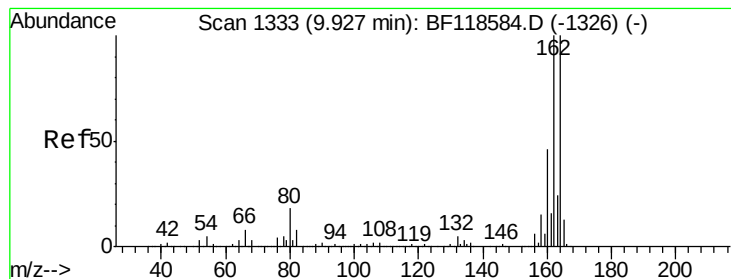


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_F

ClientSampleId :

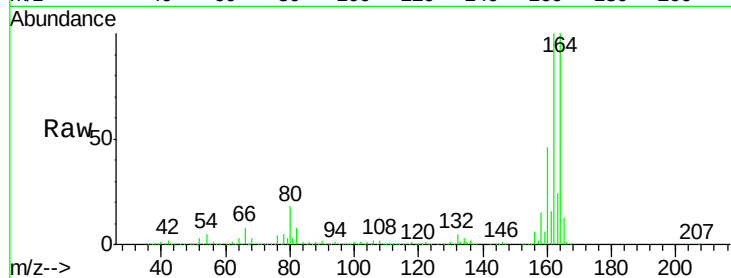
Tot Ion:164 Resp: 908448

Ion Ratio Lower Upper

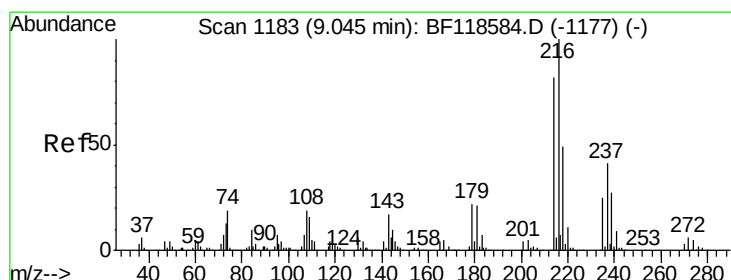
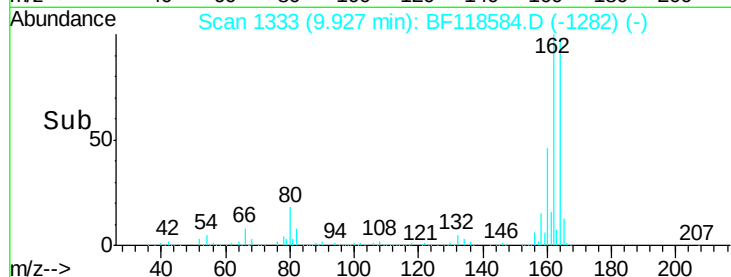
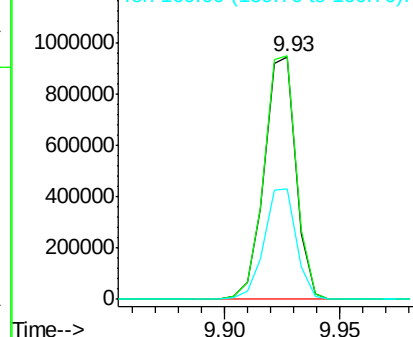
164 100

162 100.5 80.4 120.6

160 45.8 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: 41.322 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

Tgt Ion:216 Resp: 1210788

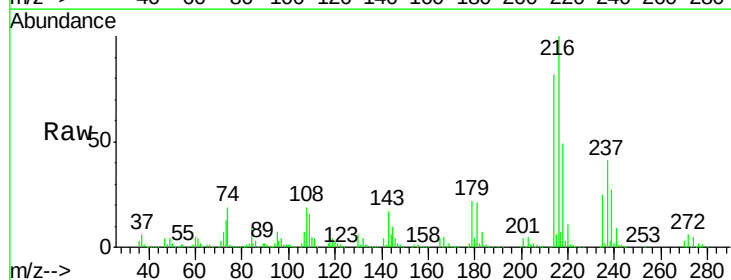
Ion Ratio Lower Upper

216 100

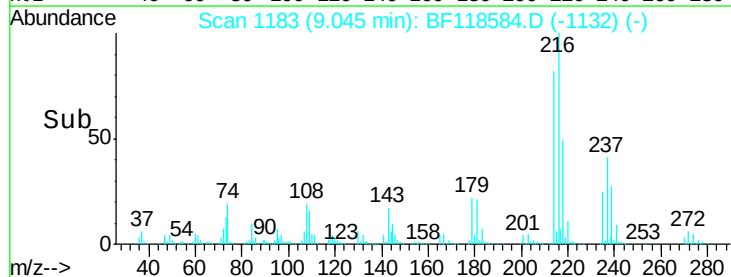
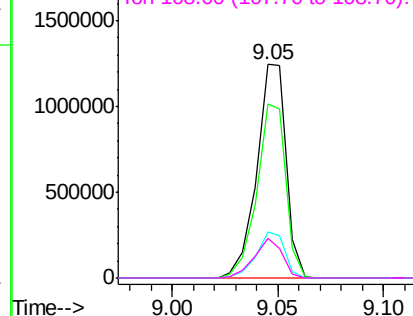
214 80.2 64.2 96.2

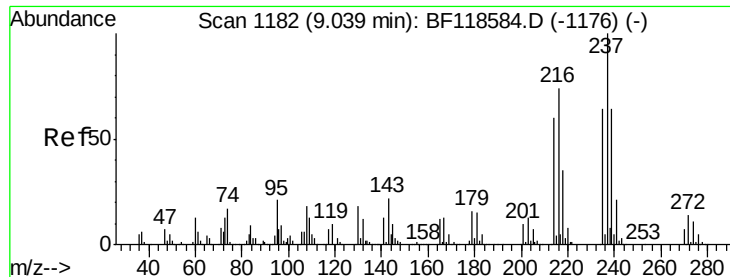
179 20.8 16.6 25.0

108 18.0 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

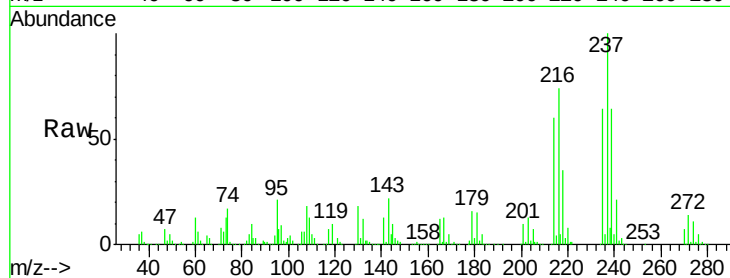




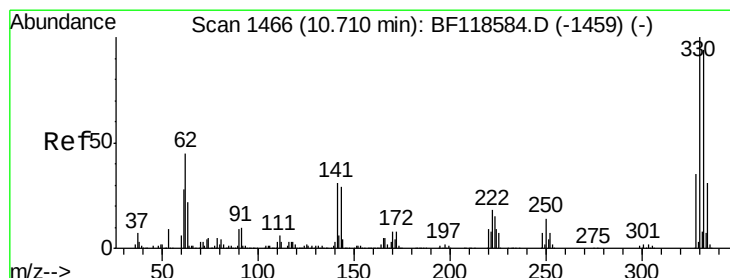
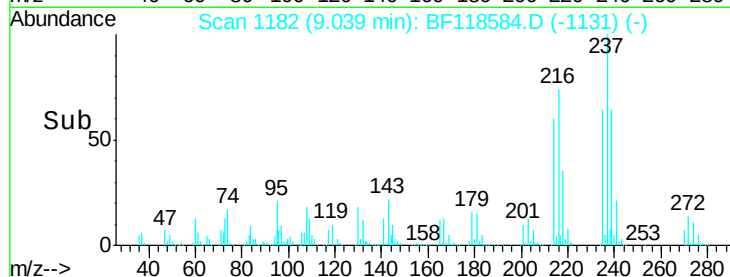
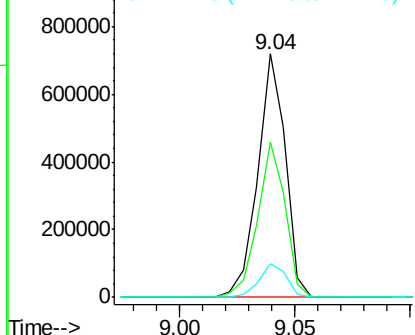
#41
Hexachlorocyclopentadiene
Concen: 39.319 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 601949
Ion Ratio Lower Upper
237 100
235 64.0 44.0 84.0
272 14.0 0.0 34.0

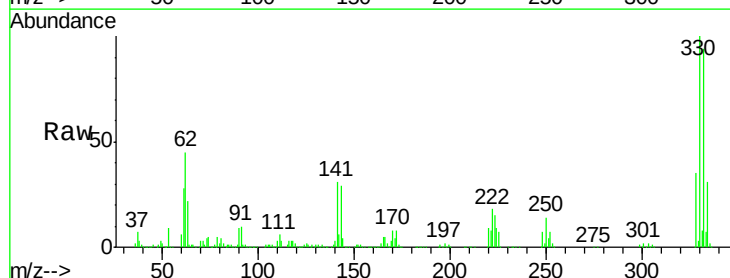


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

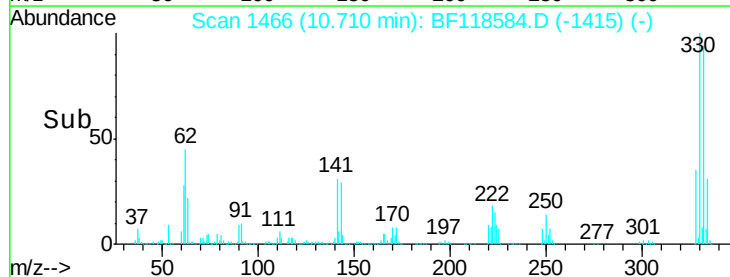
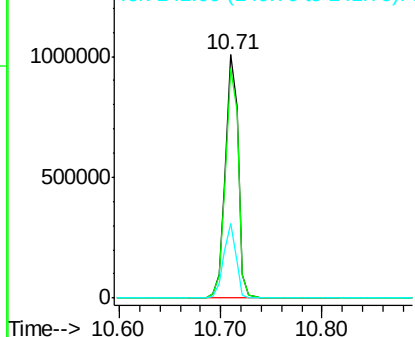


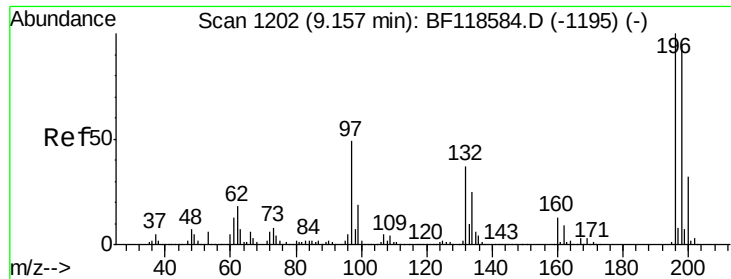
#42
2,4,6-Tribromophenol
Concen: 88.266 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Tgt Ion:330 Resp: 886432
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 29.9 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

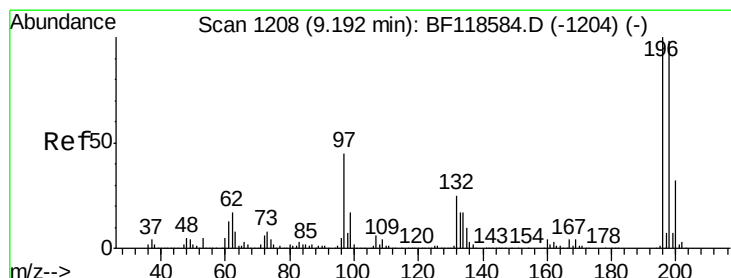
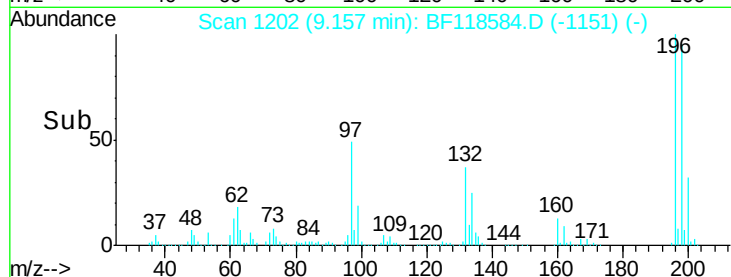
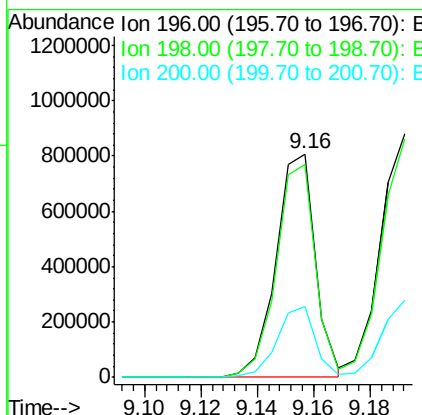
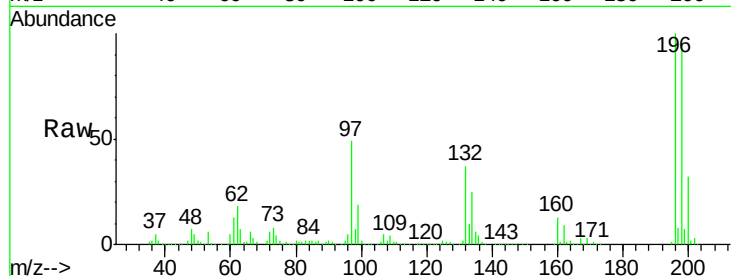




#43
 2,4,6-Trichlorophenol
 Concen: 41.715 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF118584.D
 Acq: 20 Jan 2020 11:37

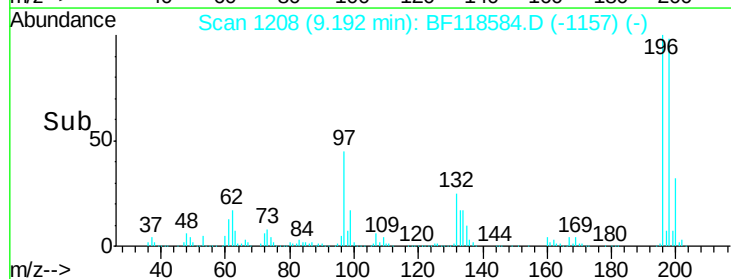
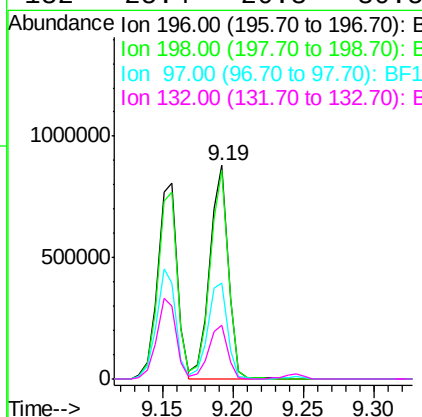
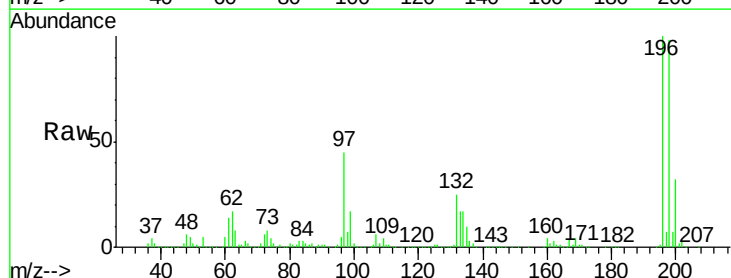
Instrument :
 BNA_F
 ClientSampled :

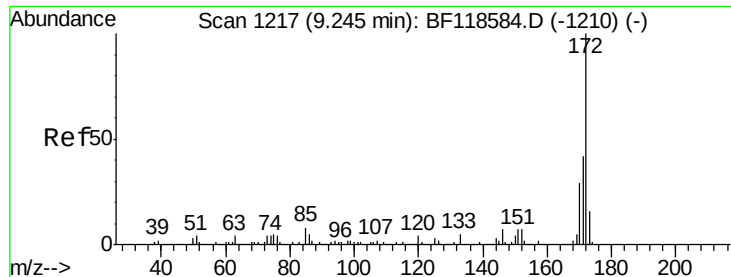
Tot Ion:196 Resp: 778769
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.3 114.5
 200 31.8 25.4 38.2



#44
 2,4,5-Trichlorophenol
 Concen: 42.386 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF118584.D
 Acq: 20 Jan 2020 11:37

Tgt Ion:196 Resp: 800023
 Ion Ratio Lower Upper
 196 100
 198 97.9 78.3 117.5
 97 44.9 35.9 53.9
 132 25.4 20.3 30.5

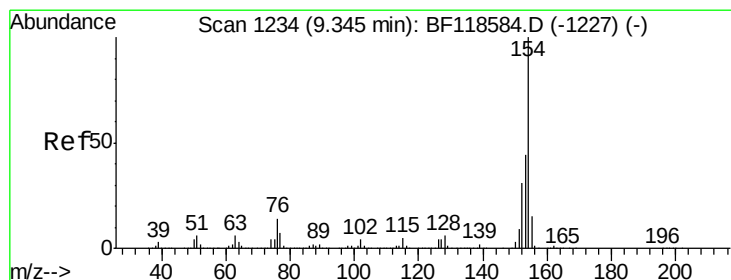
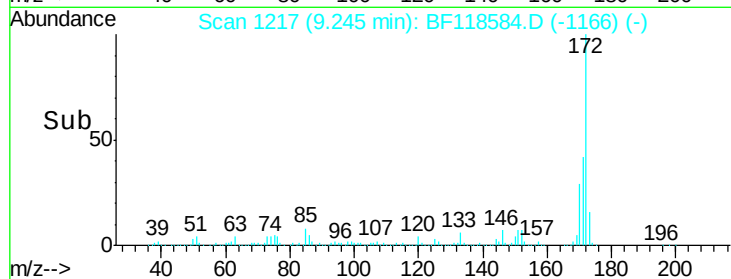
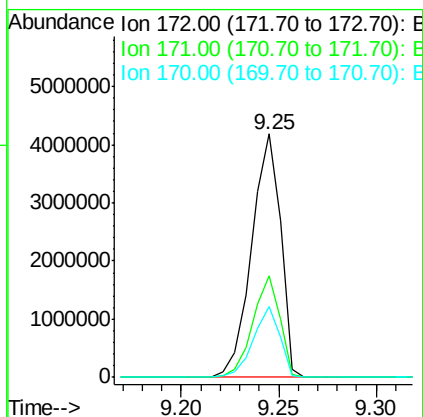
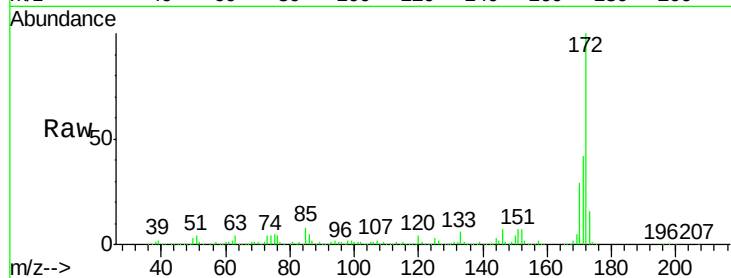




#45
2-Fluorobiphenyl
Concen: 85.552 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

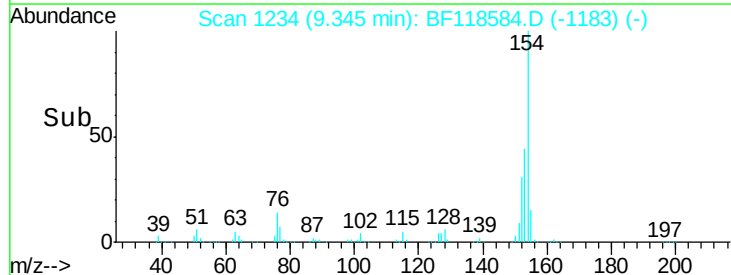
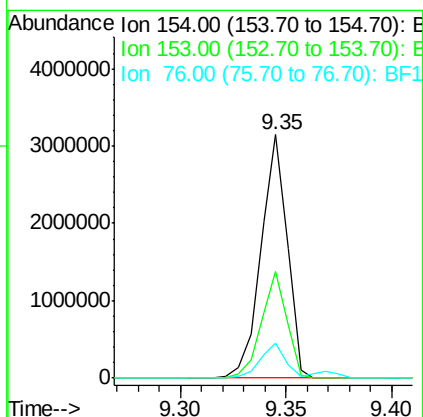
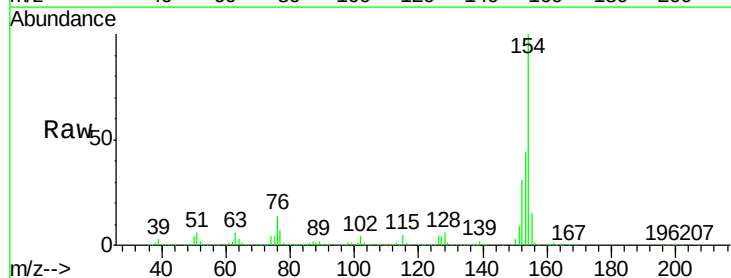
Instrument :
BNA_F
ClientSampled :

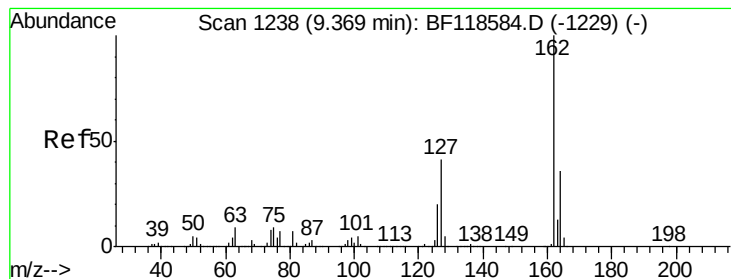
Tot Ion:172 Resp: 4305056
Ion Ratio Lower Upper
172 100
171 41.8 33.4 50.2
170 29.0 23.2 34.8



#46
1,1'-Biphenyl
Concen: 41.863 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Tgt Ion:154 Resp: 2717436
Ion Ratio Lower Upper
154 100
153 43.8 23.8 63.8
76 14.3 0.0 34.3





#47

2-Chloronaphthalene

Concen: 41.233 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_F

ClientSampleId :

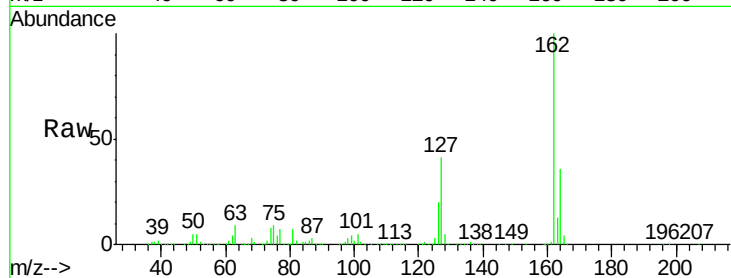
Tot Ion:162 Resp: 2255926

Ion Ratio Lower Upper

162 100

127 41.3 33.0 49.6

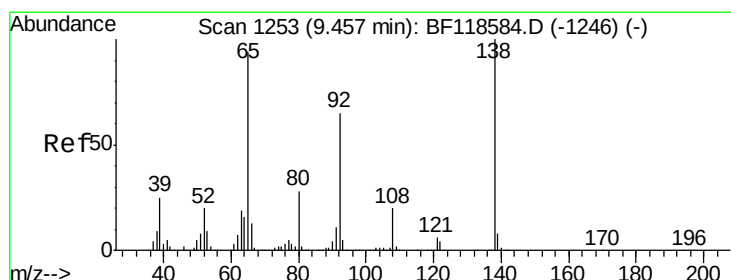
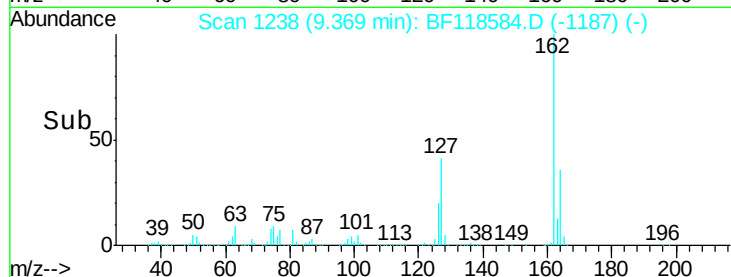
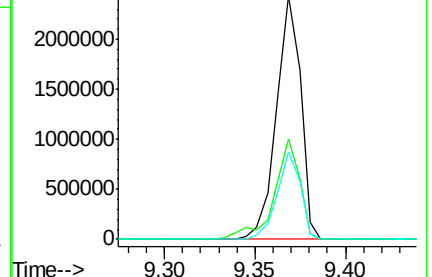
164 35.7 28.6 42.8



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: 47.133 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

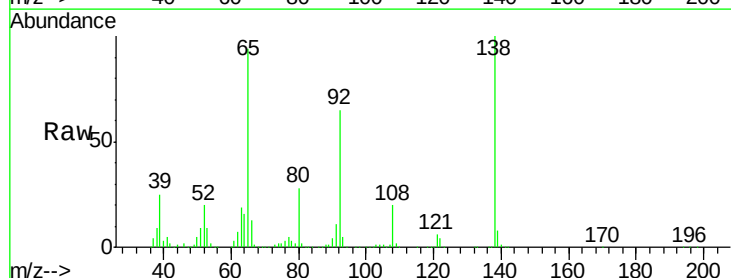
Tgt Ion: 65 Resp: 670704

Ion Ratio Lower Upper

65 100

92 69.2 55.4 83.0

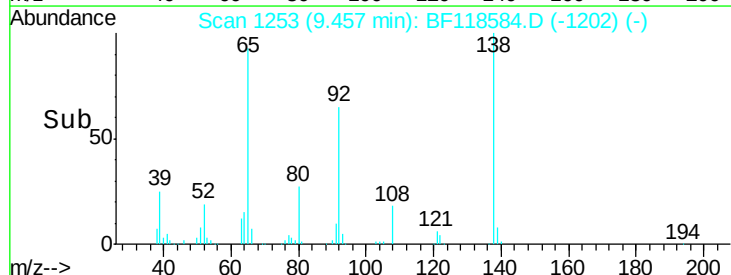
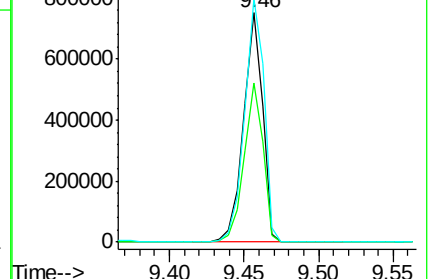
138 106.3 85.0 127.6

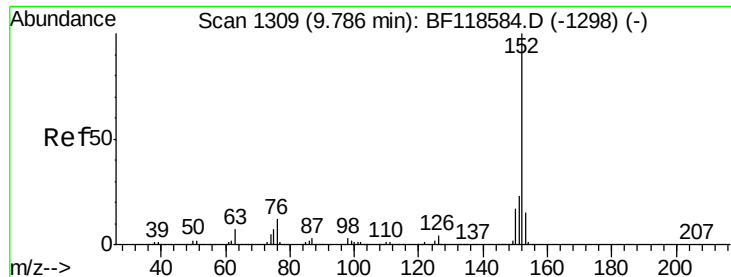


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.222 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_F

ClientSampleId :

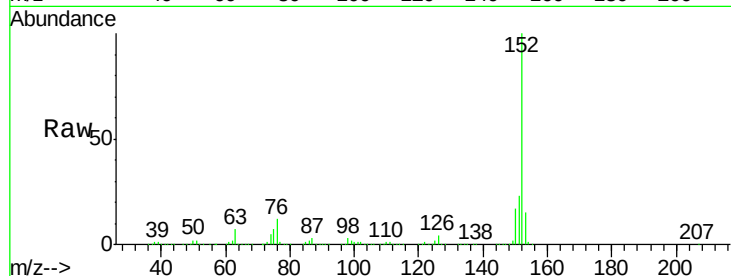
Tot Ion:152 Resp: 3184433

Ion Ratio Lower Upper

152 100

151 23.2 18.6 27.8

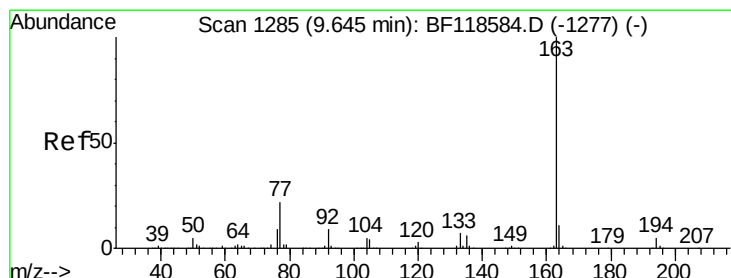
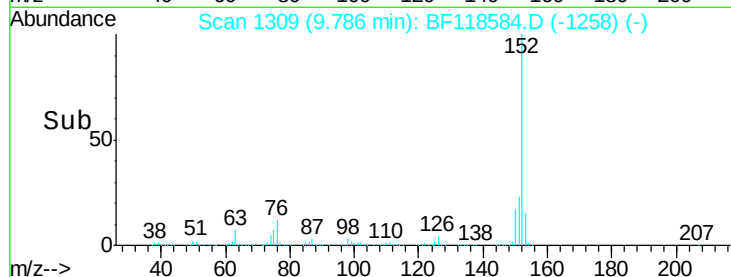
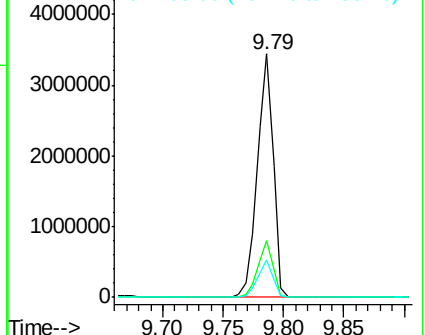
153 15.3 12.2 18.4



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: 39.369 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

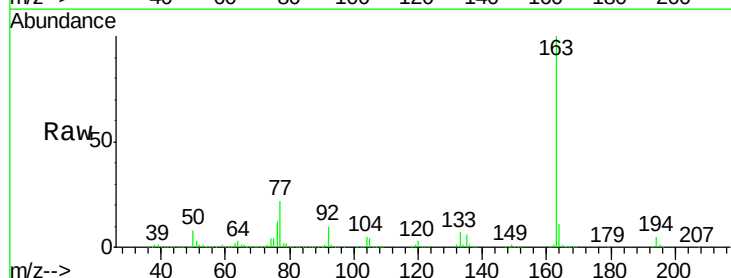
Tgt Ion:163 Resp: 2455586

Ion Ratio Lower Upper

163 100

194 4.9 3.9 5.9

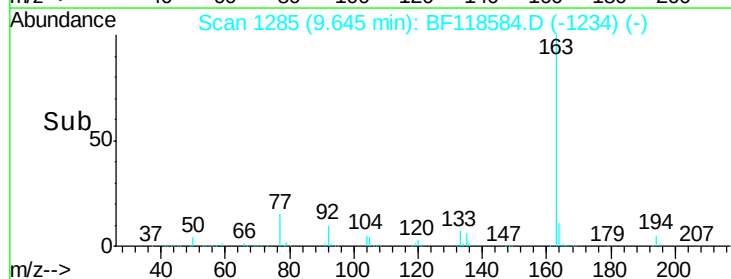
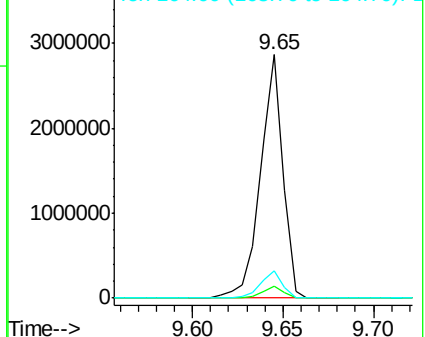
164 11.4 9.1 13.7

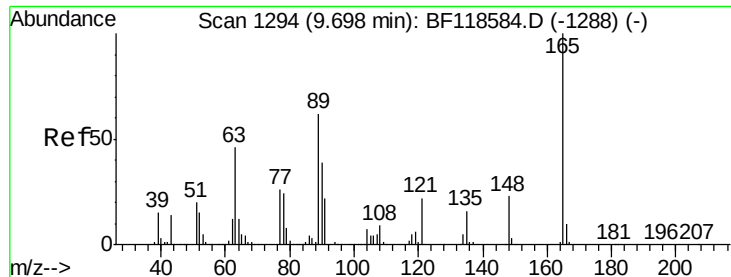


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

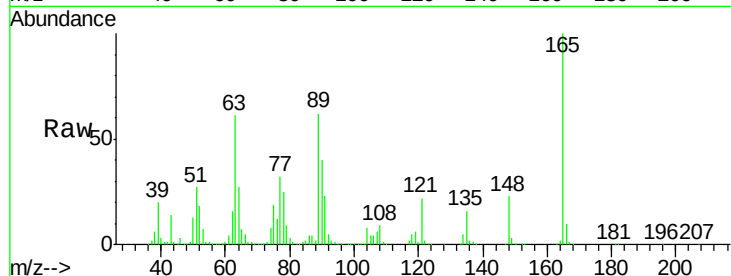




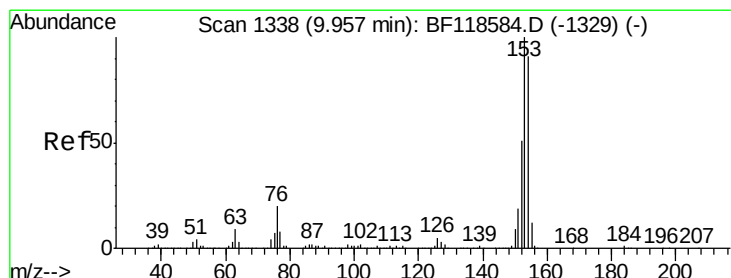
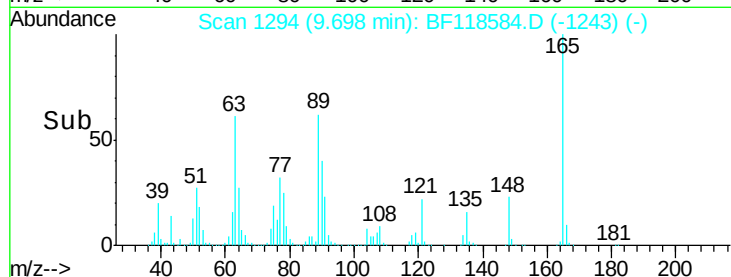
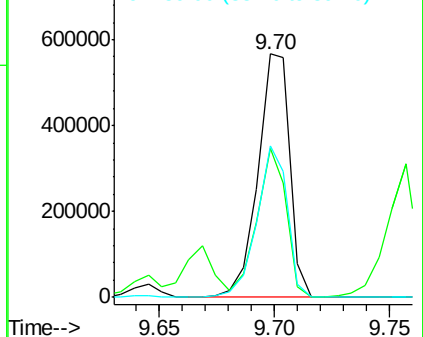
#51
2,6-Dinitrotoluene
Concen: 45.759 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 544577
Ion Ratio Lower Upper
165 100
63 61.1 48.9 73.3
89 62.2 49.8 74.6

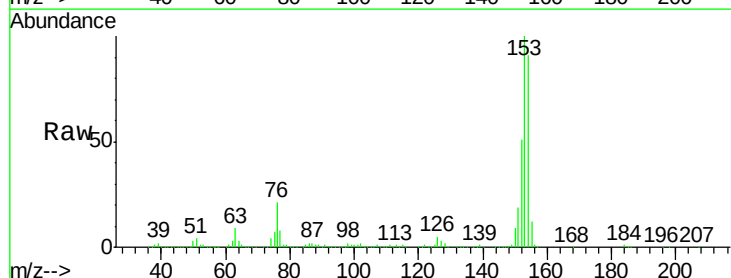


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

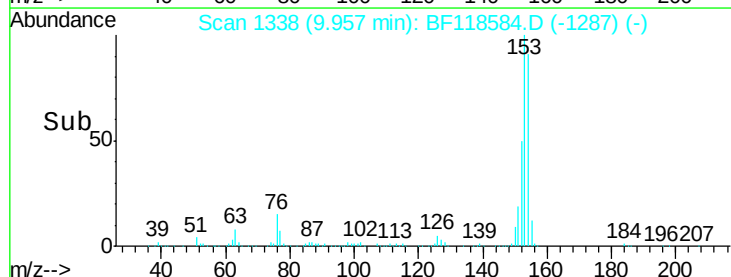
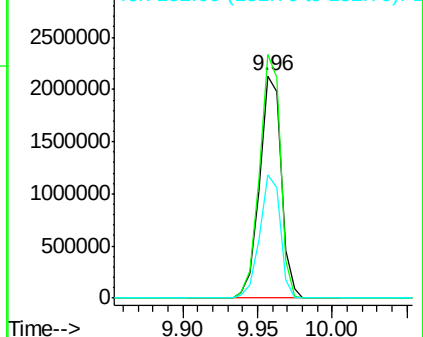


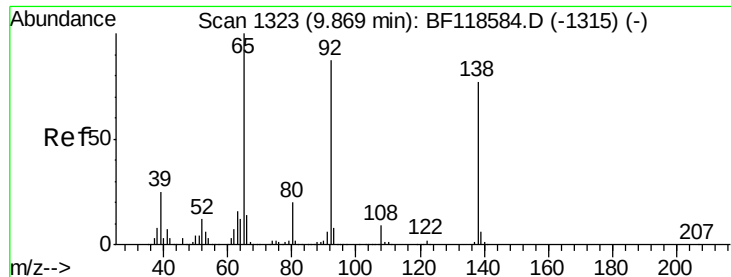
#52
Acenaphthene
Concen: 41.771 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Tgt Ion:154 Resp: 2113872
Ion Ratio Lower Upper
154 100
153 109.5 87.6 131.4
152 55.5 44.4 66.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

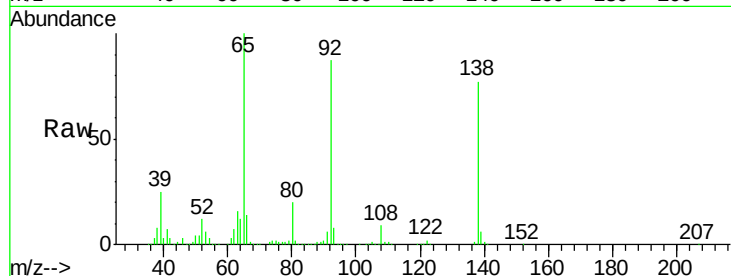




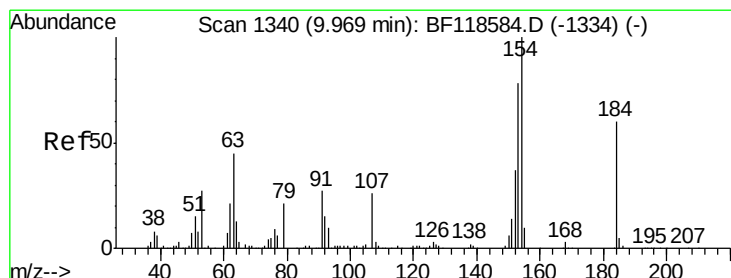
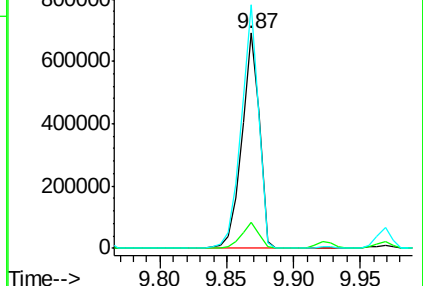
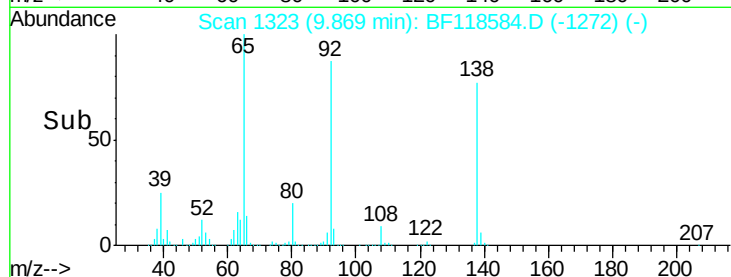
#53
3-Nitroaniline
Concen: 46.586 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 628050
Ion Ratio Lower Upper
138 100
108 12.0 9.6 14.4
92 113.3 90.6 136.0

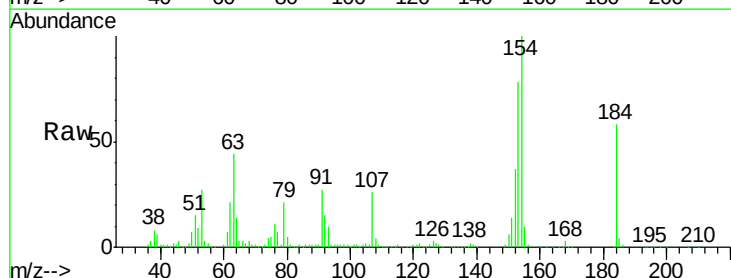


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

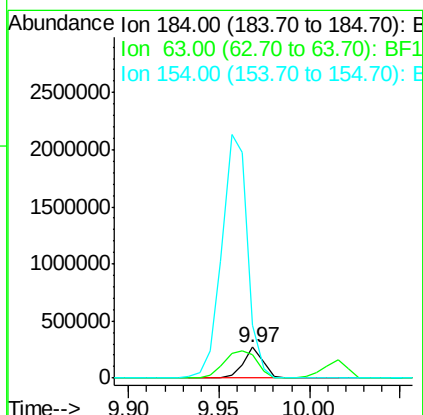
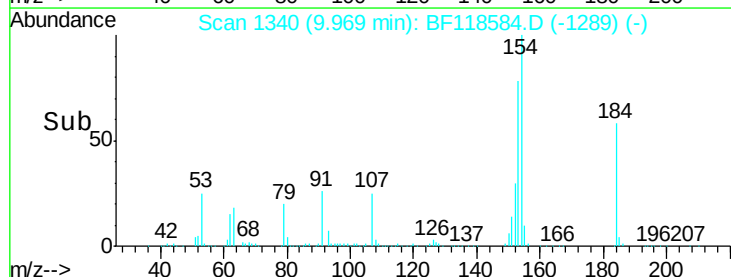


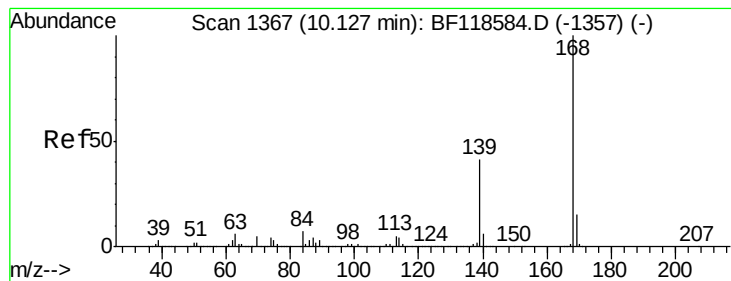
#54
2,4-Dinitrophenol
Concen: 50.900 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Tgt Ion:184 Resp: 203704
Ion Ratio Lower Upper
184 100
63 75.7 60.6 90.8
154 171.6 137.3 205.9



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

Dibenzenofuran

Concen: 41.291 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_F

ClientSampleId :

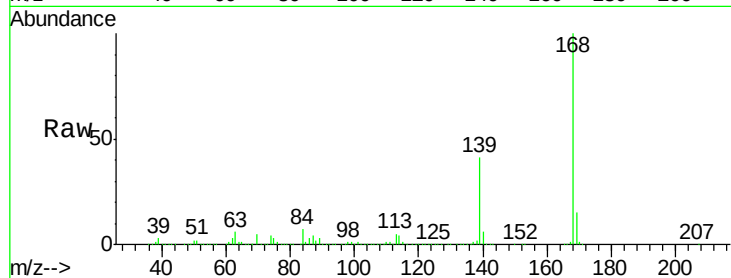
Tot Ion:168 Resp: 2957046

Ion Ratio Lower Upper

168 100

139 40.9 32.7 49.1

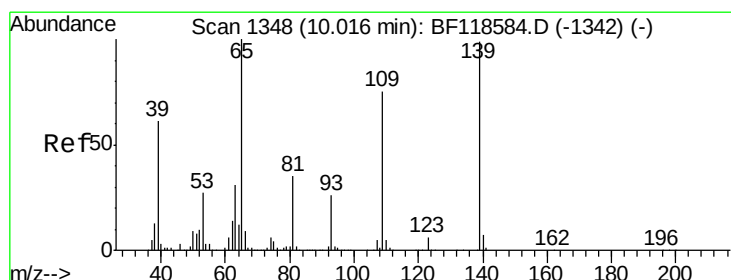
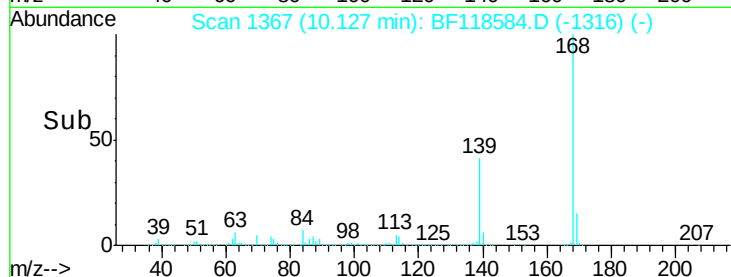
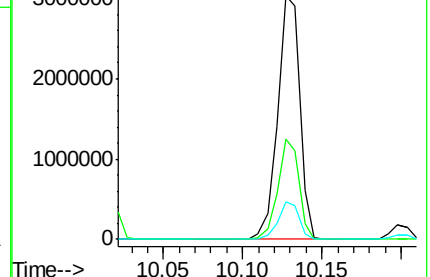
169 15.2 12.2 18.2



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: 47.740 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

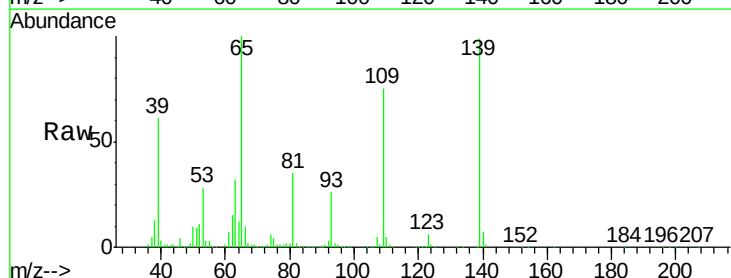
Tgt Ion:139 Resp: 475440

Ion Ratio Lower Upper

139 100

109 76.0 56.0 96.0

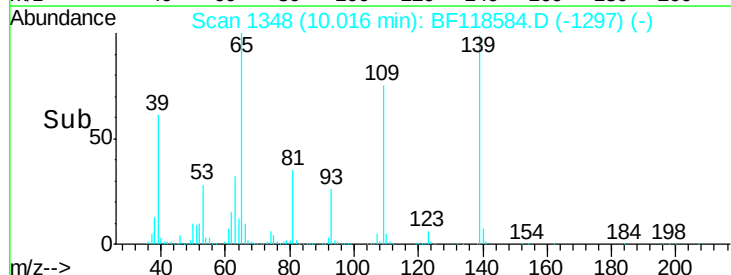
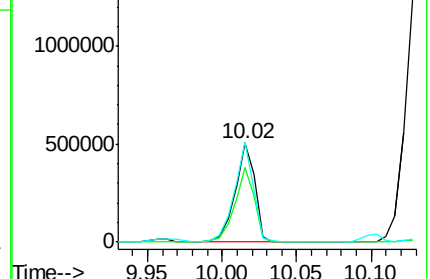
65 101.4 81.4 121.4

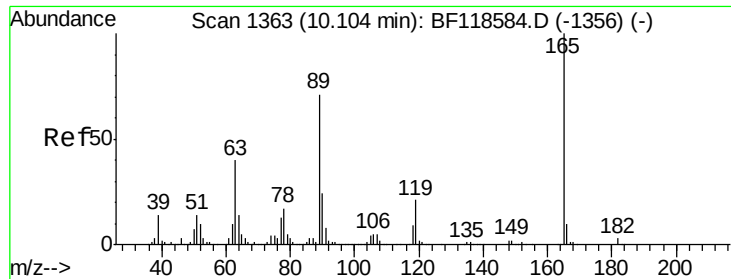


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

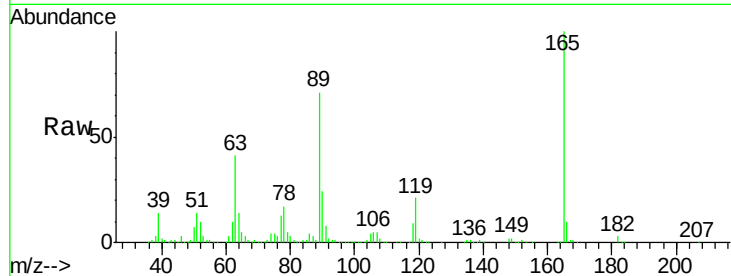




#57
2,4-Dinitrotoluene
Concen: 46.891 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.5	32.4	48.6
89	70.5	56.4	84.6
182	2.9	2.3	3.5

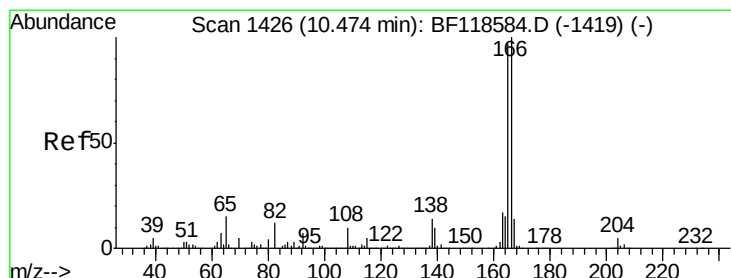
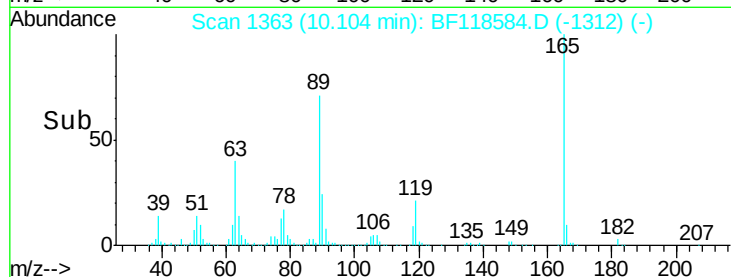
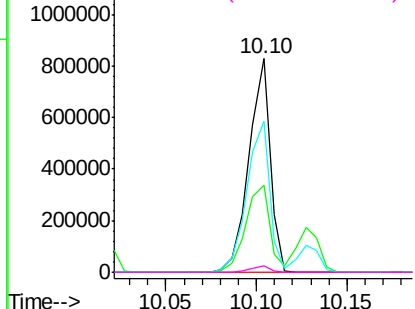


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

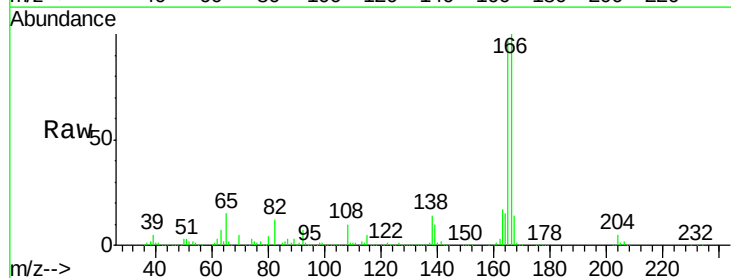
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.919 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

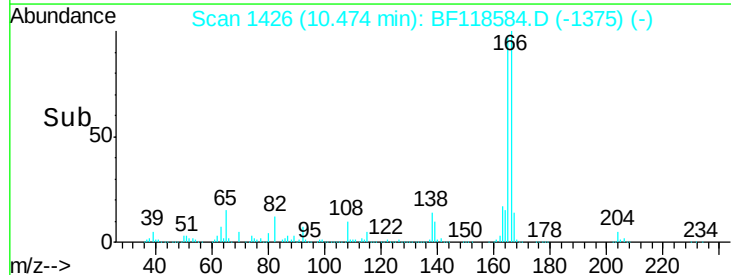
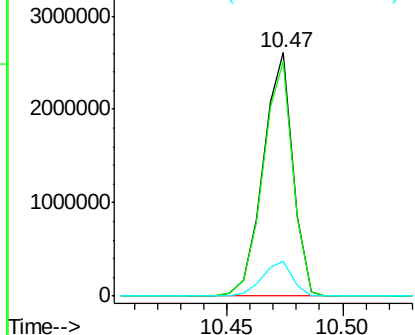
Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.3	115.9
167	14.4	11.5	17.3

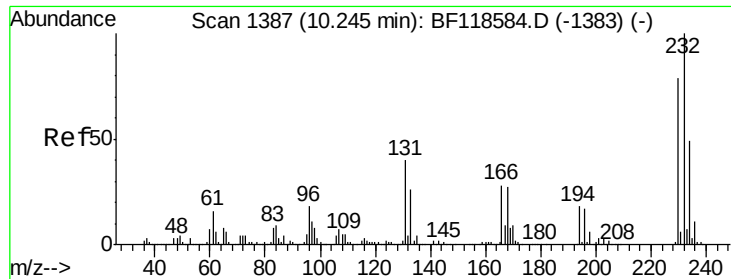


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

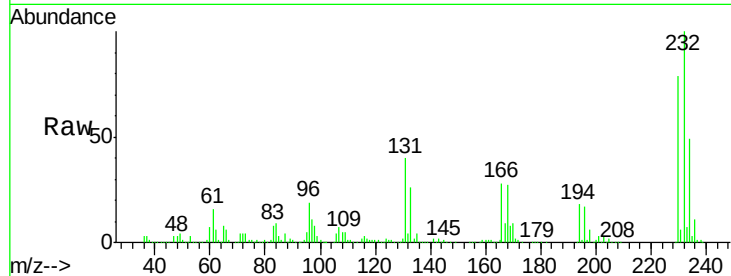




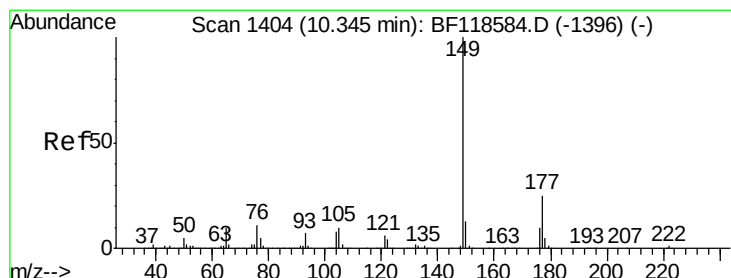
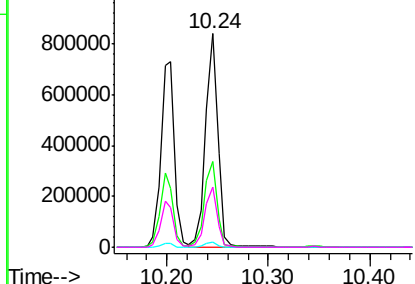
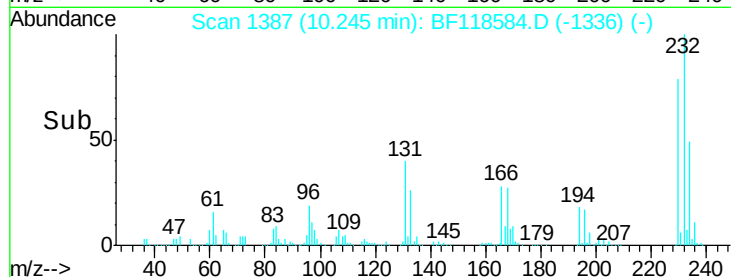
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.937 ng
 RT: 10.24 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF118584.D
 Acq: 20 Jan 2020 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	709467
Ion	Ratio	Lower	Upper
232	100		
131	41.5	33.2	49.8
130	2.2	1.8	2.6
166	28.2	22.6	33.8

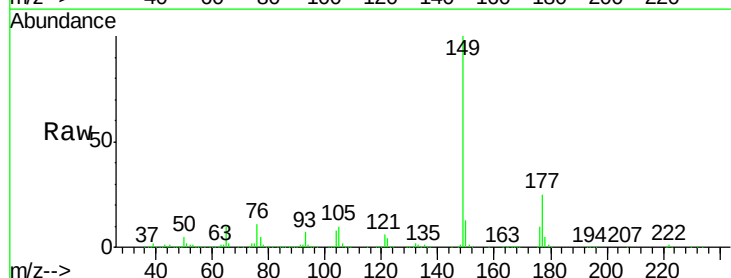


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

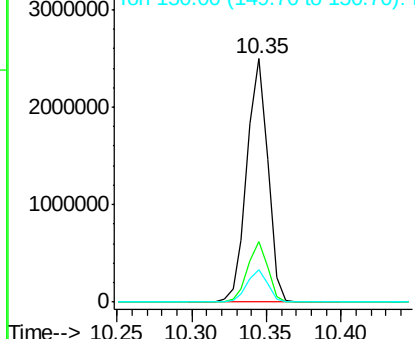
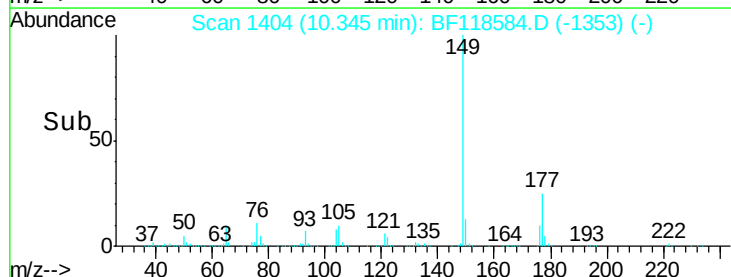


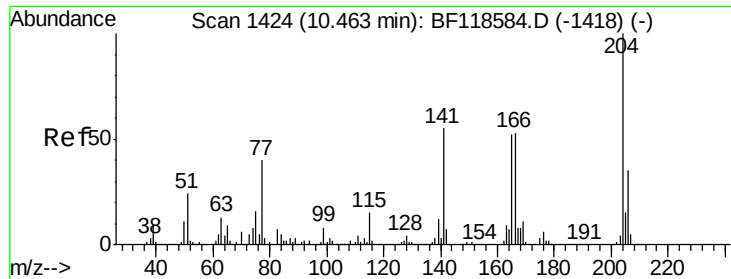
#60
 Diethylphthalate
 Concen: 39.759 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF118584.D
 Acq: 20 Jan 2020 11:37

Tgt Ion:	149	Resp:	2421077
Ion	Ratio	Lower	Upper
149	100		
177	25.0	20.0	30.0
150	13.3	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

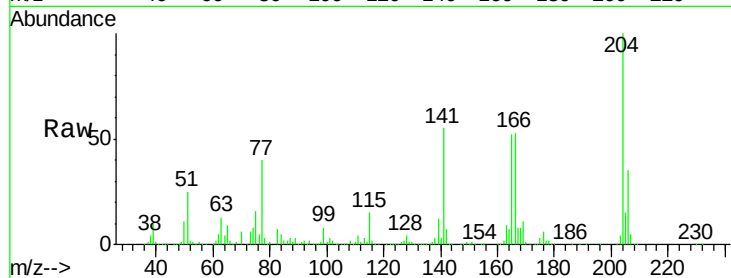




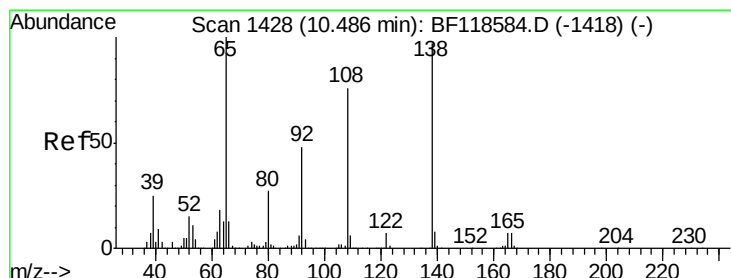
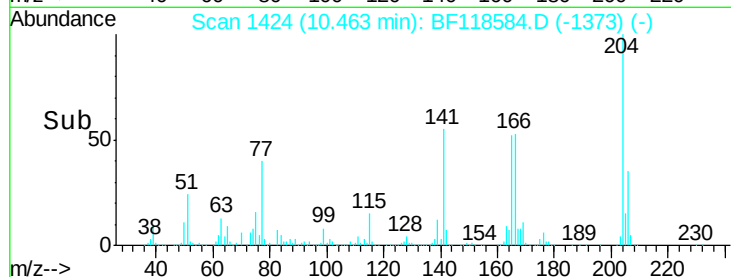
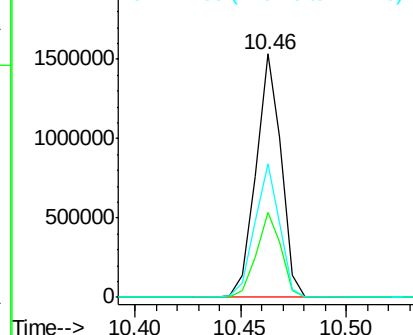
#61
4-Chlorophenyl-phenylether
Concen: 41.908 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 1271456
Ion Ratio Lower Upper
204 100
206 34.7 27.8 41.6
141 54.6 43.7 65.5

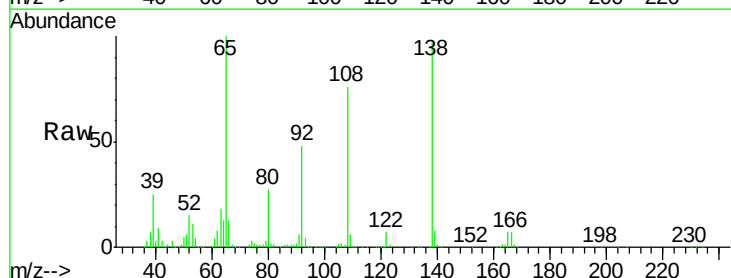


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

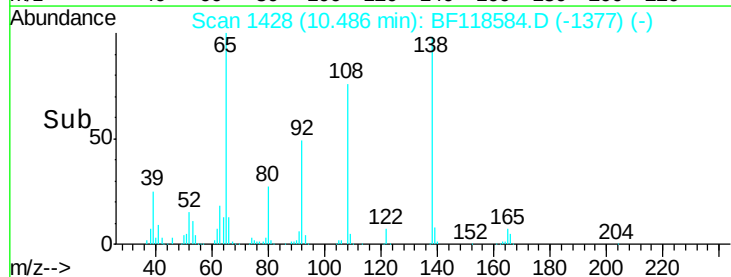
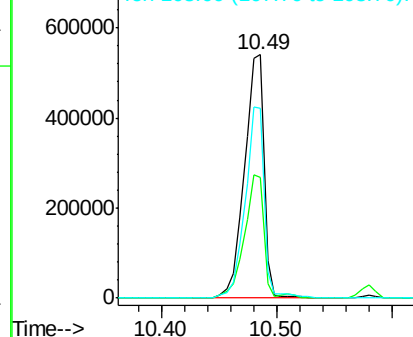


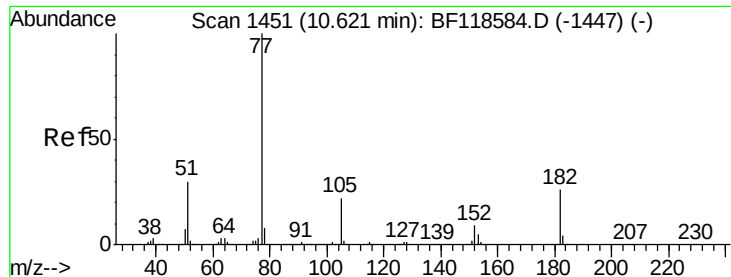
#62
4-Nitroaniline
Concen: 47.747 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Tgt Ion:138 Resp: 639324
Ion Ratio Lower Upper
138 100
92 49.4 29.4 69.4
108 78.2 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: 39.621 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2351470

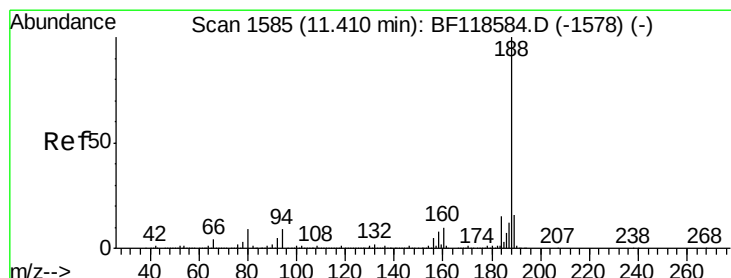
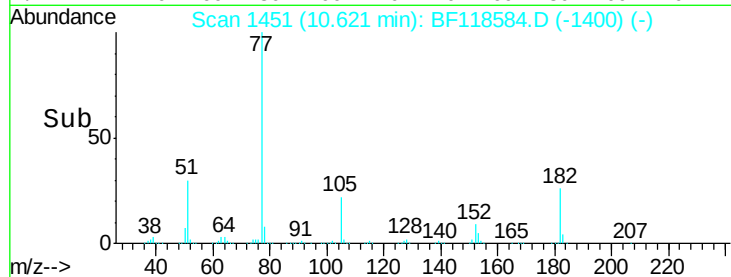
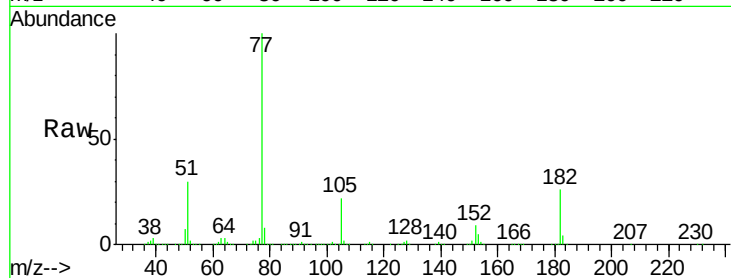
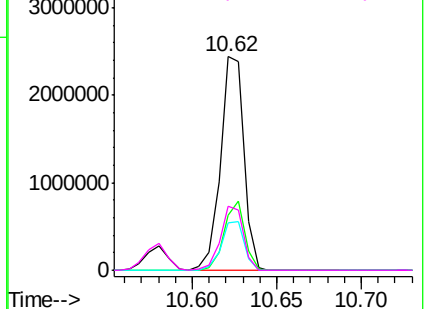
Ion	Ratio	Lower	Upper
77	100		
182	25.6	5.6	45.6
105	22.0	2.0	42.0
51	30.2	10.2	50.2

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

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: BF118584.D

Acq: 20 Jan 2020 11:37

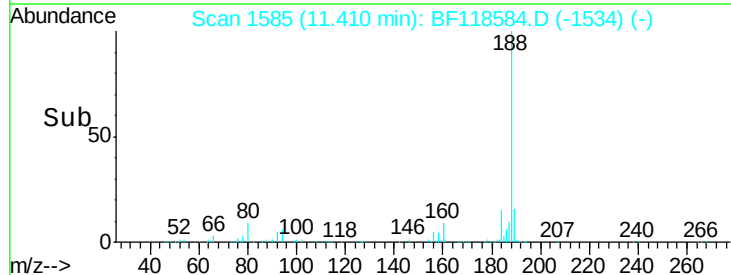
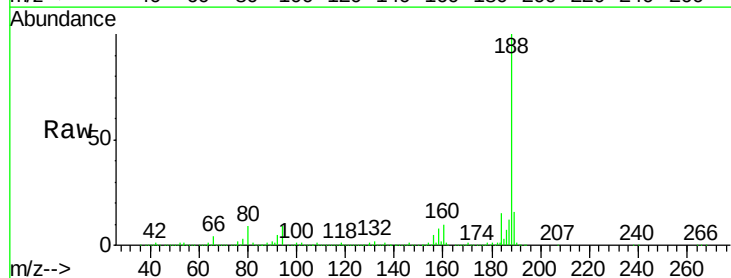
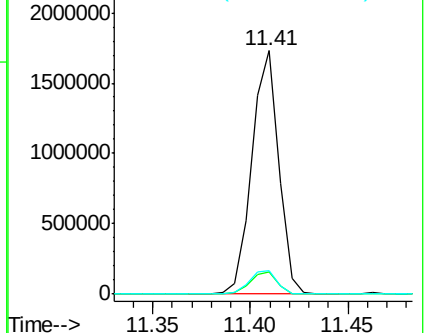
Tgt Ion: 188 Resp: 1645060

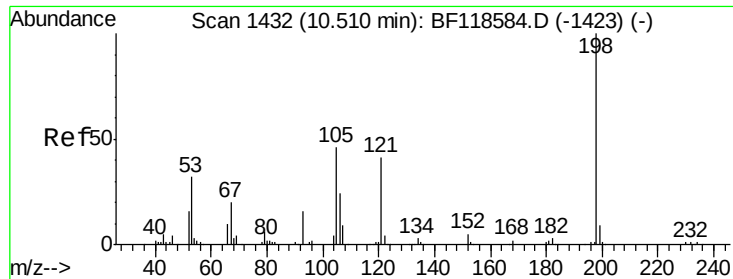
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.1	10.7
80	9.4	7.5	11.3

Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

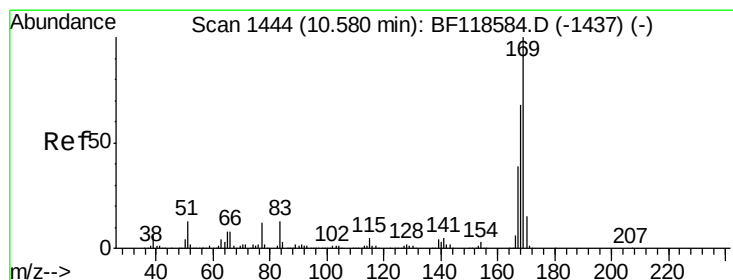
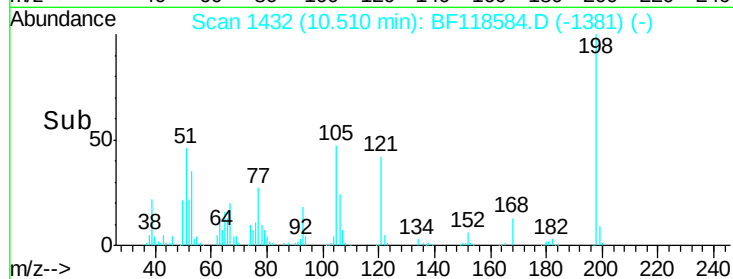
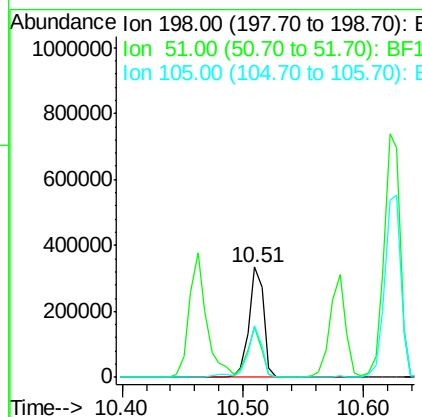
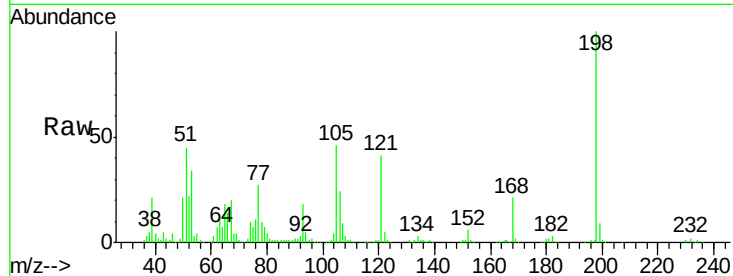




#65
4,6-Dinitro-2-methylphenol
Concen: 48.957 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

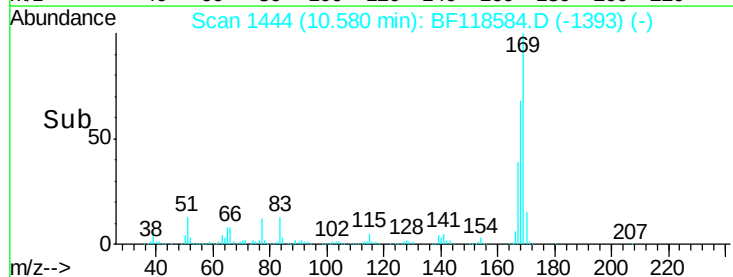
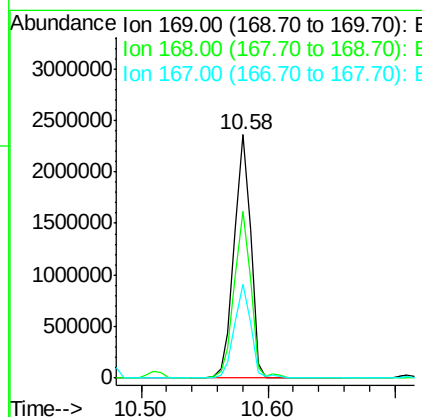
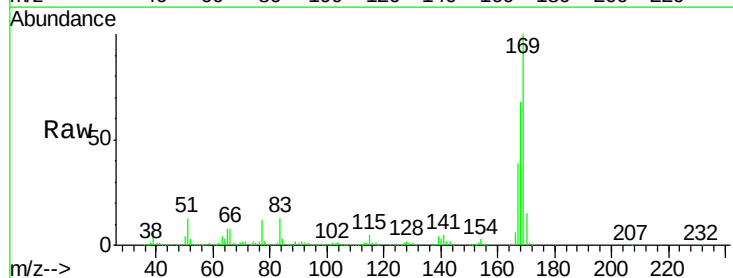
Instrument :
BNA_F
ClientSampled :

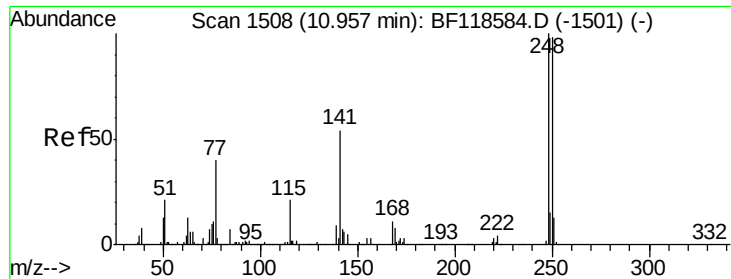
Tot Ion	198	Resp	288259
Ion Ratio	100	Lower	Upper
51	45.2	25.2	65.2
105	46.3	26.3	66.3



#66
n-Nitrosodiphenylamine
Concen: 39.944 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Tgt Ion	169	Resp	2111405
Ion Ratio	100	Lower	Upper
168	68.3	54.6	82.0
167	38.6	30.9	46.3

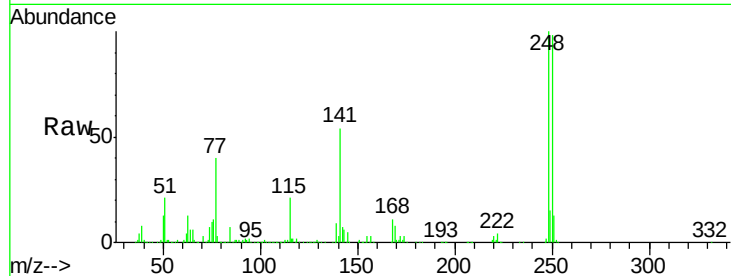




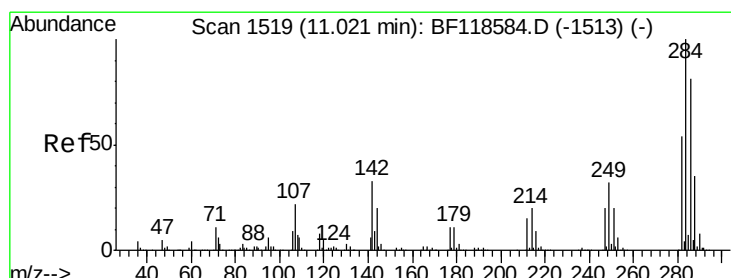
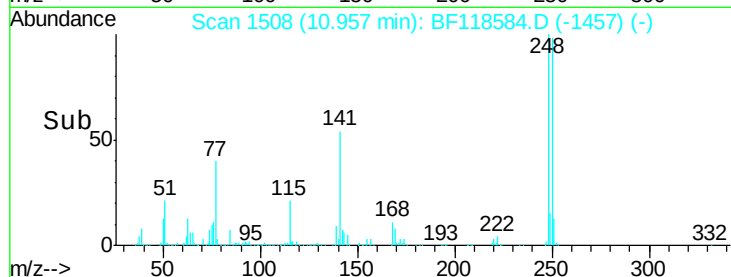
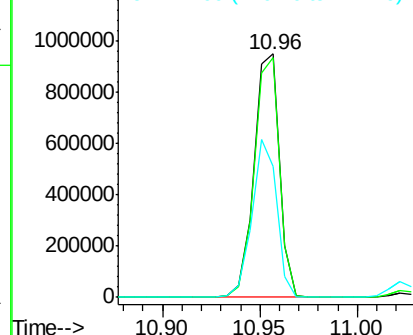
#67
4-Bromophenyl-phenylether
Concen: 38.853 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 855573
Ion Ratio Lower Upper
248 100
250 98.4 78.7 118.1
141 54.0 43.2 64.8

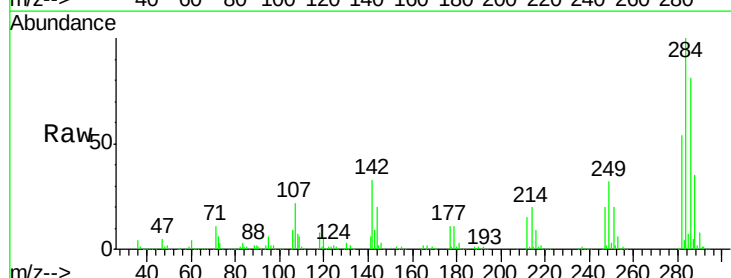


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

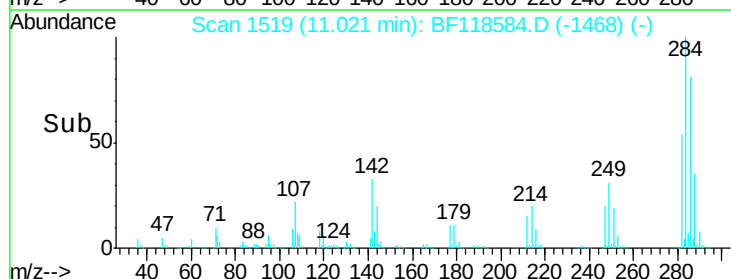
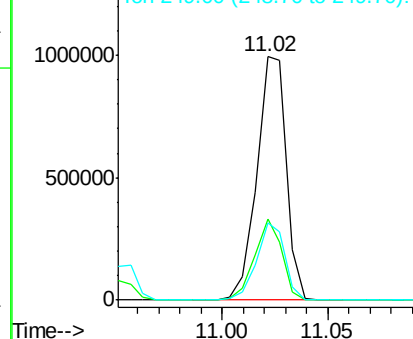


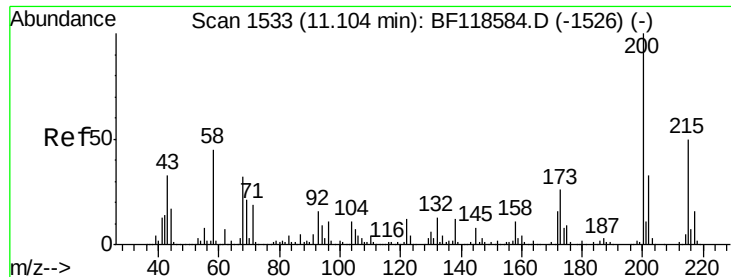
#68
Hexachlorobenzene
Concen: 39.671 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Tgt Ion:284 Resp: 968087
Ion Ratio Lower Upper
284 100
142 33.2 26.6 39.8
249 31.5 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

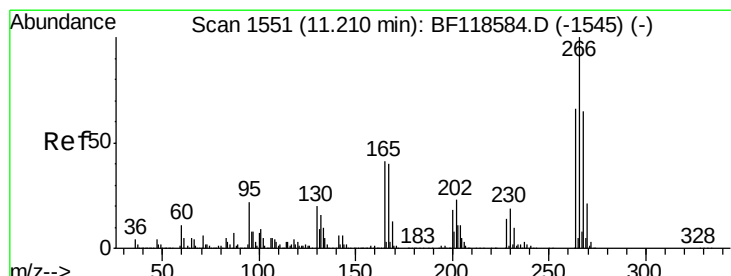
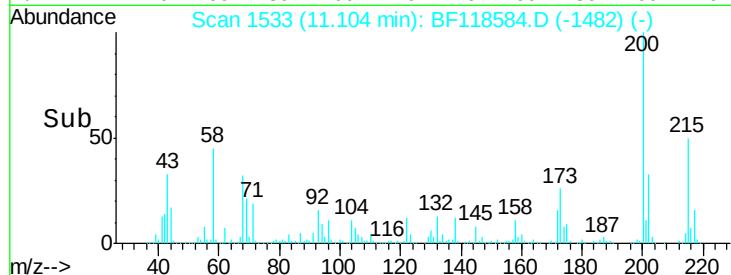
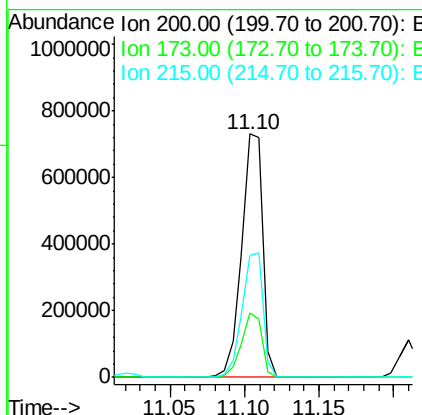
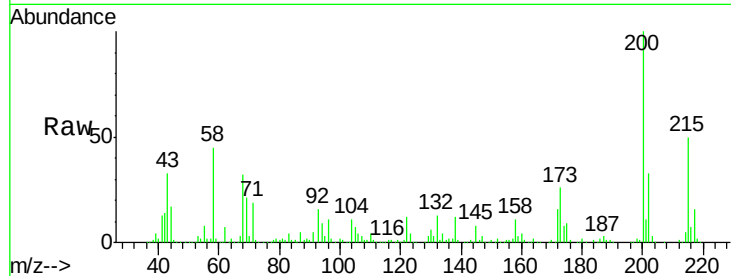




#69
 Atrazine
 Concen: 46.978 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BF118584.D
 Acq: 20 Jan 2020 11:37

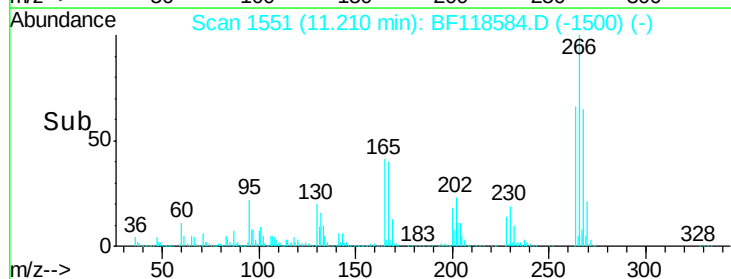
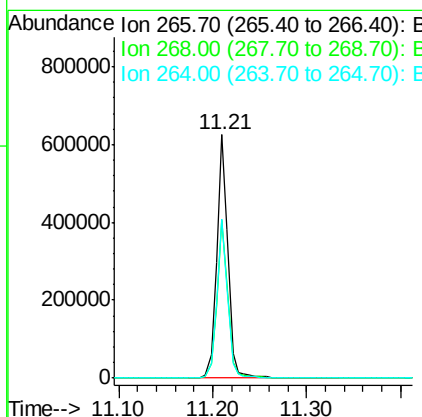
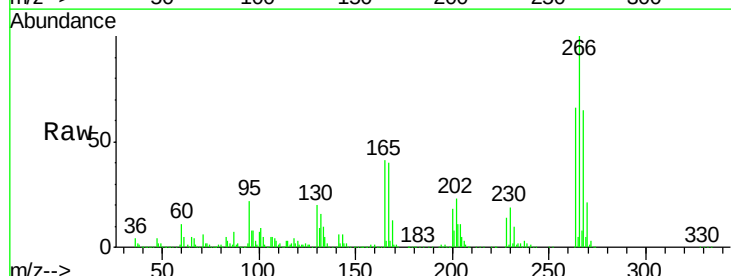
Instrument :
 BNA_F
 ClientSampled :

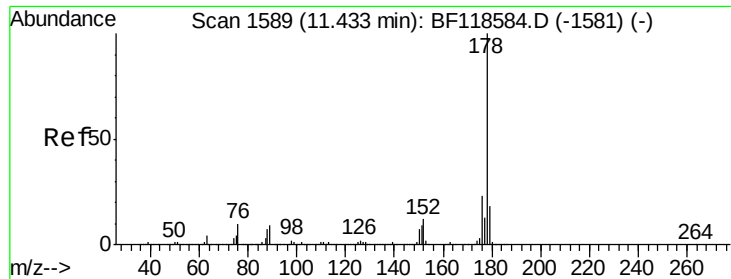
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.3	46.3
215	50.2	30.2	70.2



#70
 Pentachlorophenol
 Concen: 44.099 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF118584.D
 Acq: 20 Jan 2020 11:37

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	52.1	78.1
264	65.5	52.4	78.6

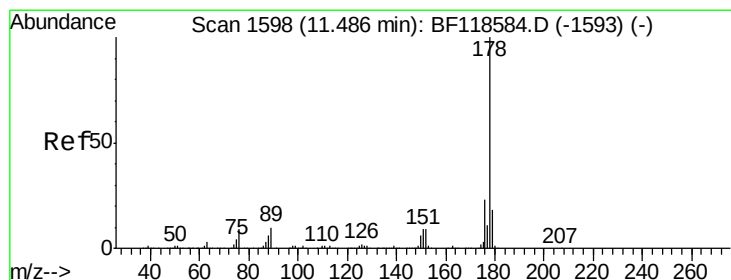
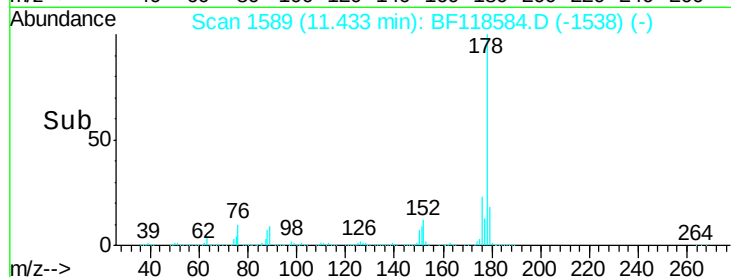
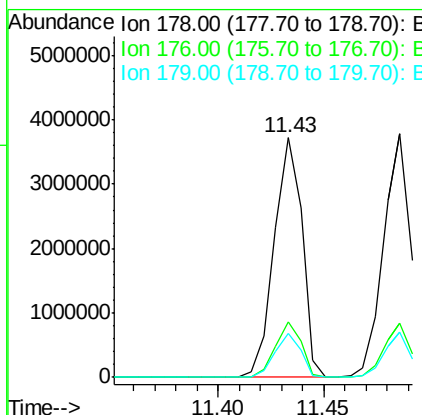
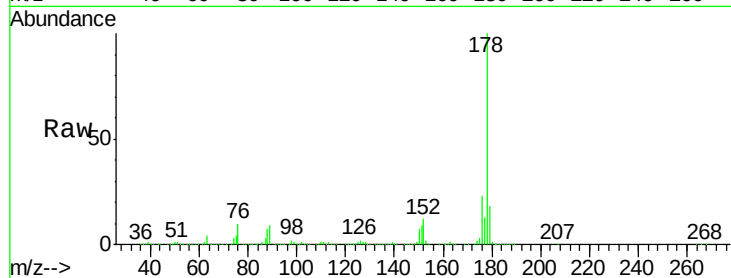




#71
Phenanthrene
Concen: 41.419 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

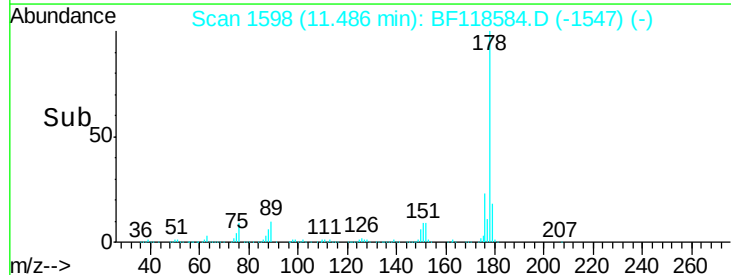
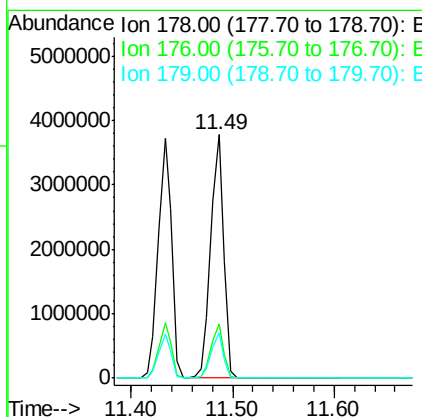
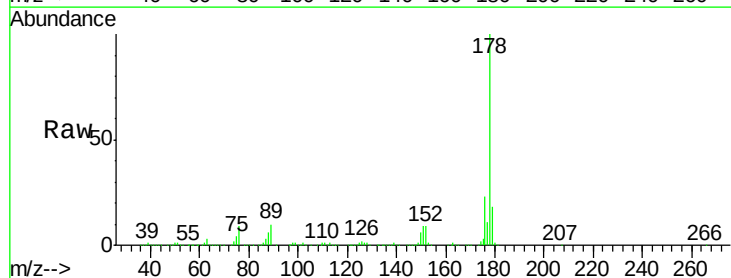
Instrument :
BNA_F
ClientSampleId :

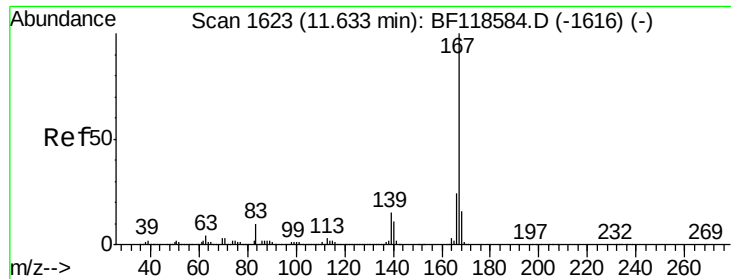
Tot Ion:178 Resp: 3424880
Ion Ratio Lower Upper
178 100
176 23.2 18.6 27.8
179 18.4 14.7 22.1



#72
Anthracene
Concen: 41.040 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Tgt Ion:178 Resp: 3385753
Ion Ratio Lower Upper
178 100
176 22.5 18.0 27.0
179 18.4 14.7 22.1

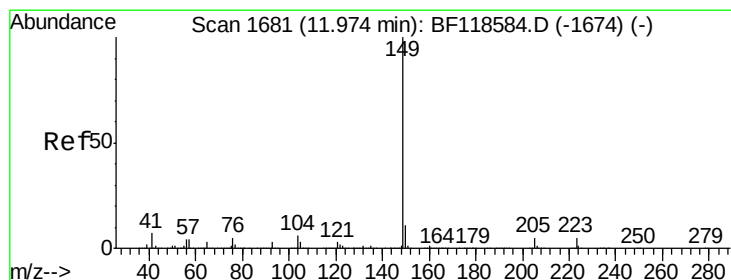
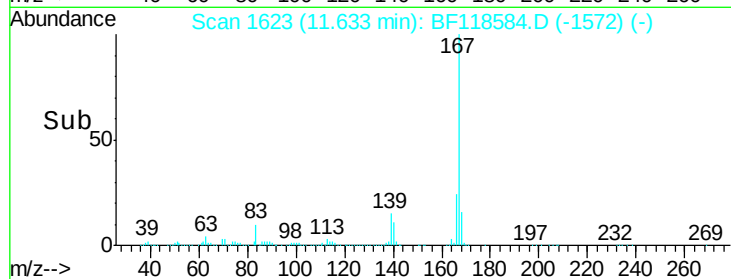
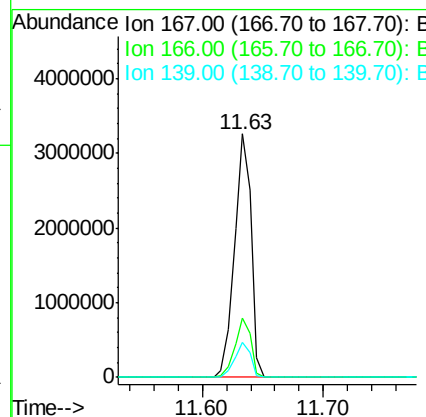
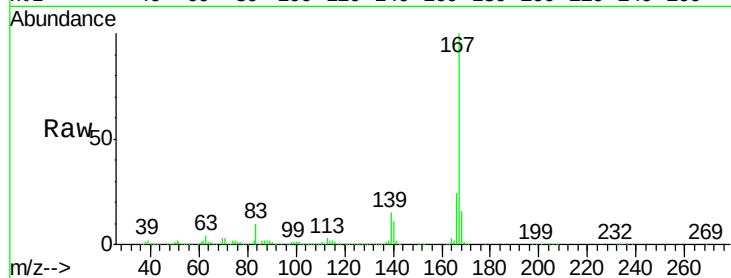




#73
 Carbazole
 Concen: 41.800 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF118584.D
 Acq: 20 Jan 2020 11:37

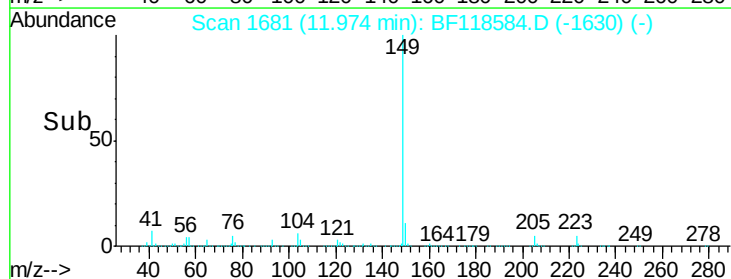
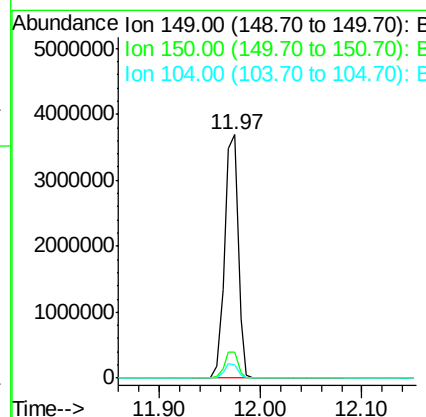
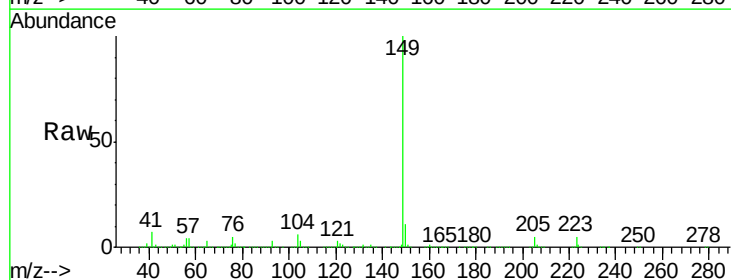
Instrument :
 BNA_F
 ClientSampleId :

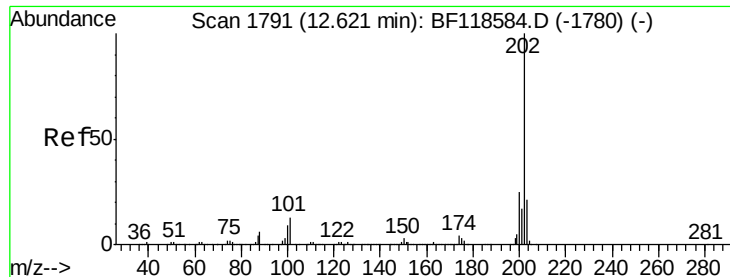
Tot Ion:167 Resp: 3110124
 Ion Ratio Lower Upper
 167 100
 166 24.3 19.4 29.2
 139 14.6 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 36.933 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BF118584.D
 Acq: 20 Jan 2020 11:37

Tgt Ion:149 Resp: 3414956
 Ion Ratio Lower Upper
 149 100
 150 10.9 8.7 13.1
 104 5.7 4.6 6.8





#75

Fluoranthene

Concen: 40.907 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_F

ClientSampleId :

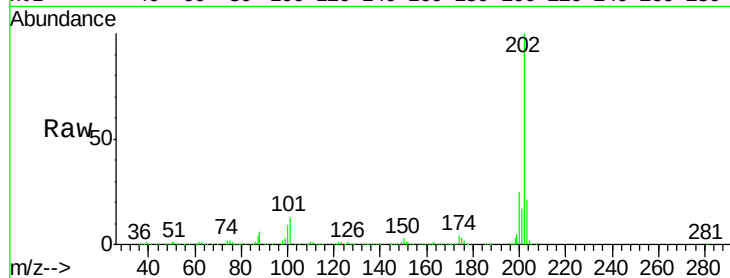
Tot Ion:202 Resp: 3637584

Ion Ratio Lower Upper

202 100

101 12.5 0.0 32.5

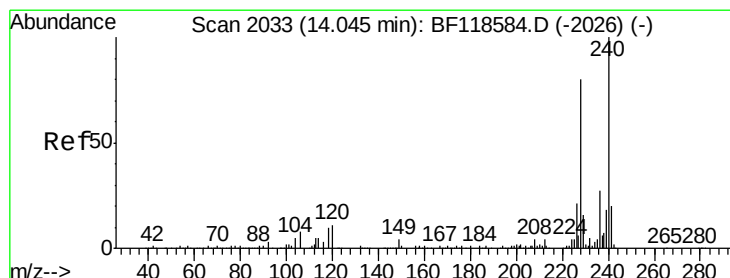
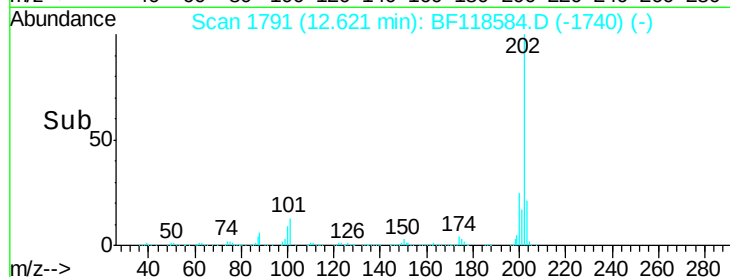
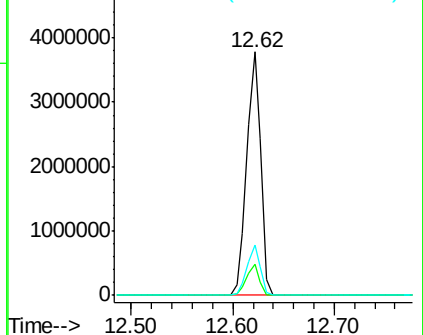
203 20.8 0.8 40.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

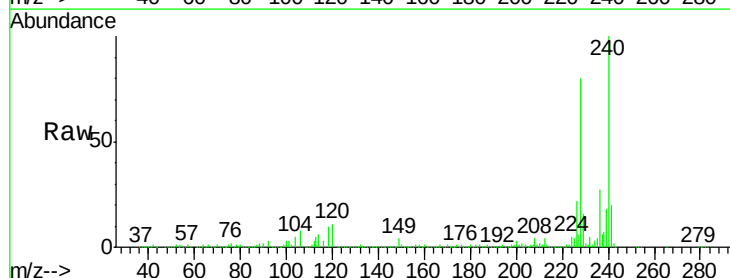
Tgt Ion:240 Resp: 1299158

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

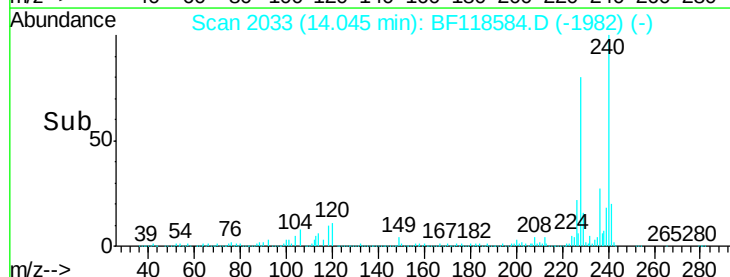
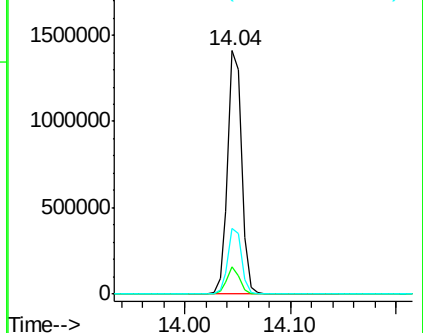
236 26.9 21.5 32.3

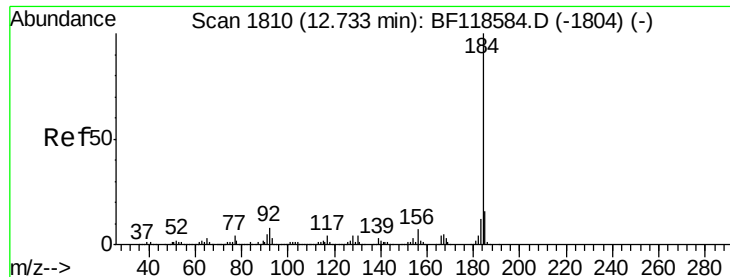


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.968 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_F

ClientSampleId :

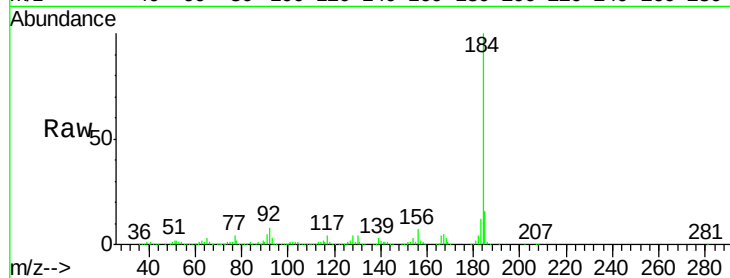
Tot Ion:184 Resp: 1482541

Ion Ratio Lower Upper

184 100

185 16.1 12.9 19.3

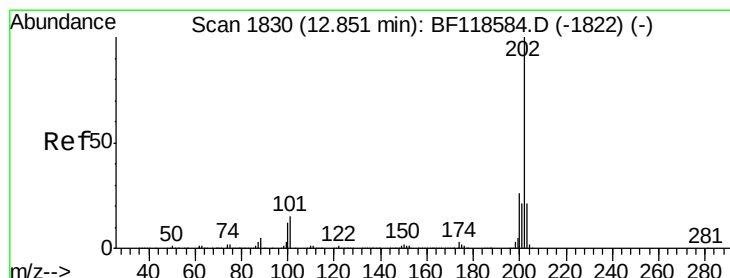
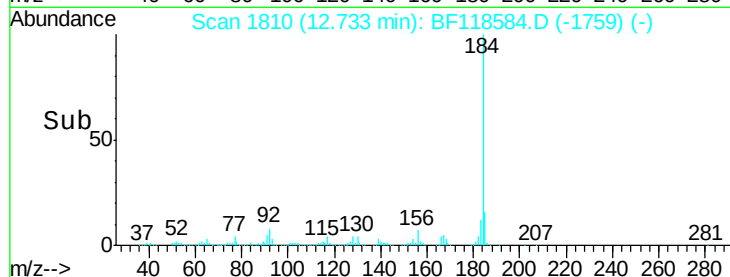
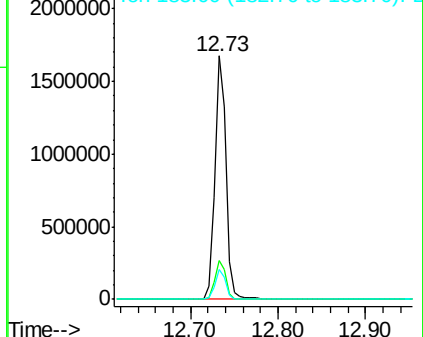
183 12.0 9.6 14.4



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: 37.875 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

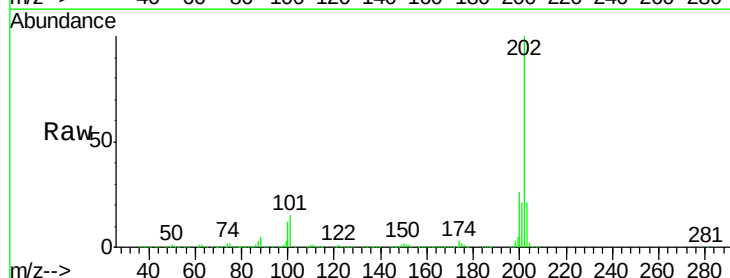
Tgt Ion:202 Resp: 3672529

Ion Ratio Lower Upper

202 100

200 25.8 20.6 31.0

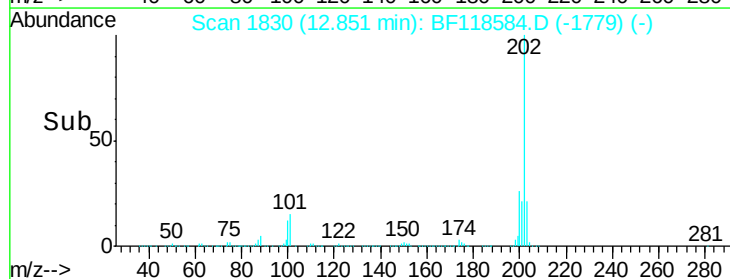
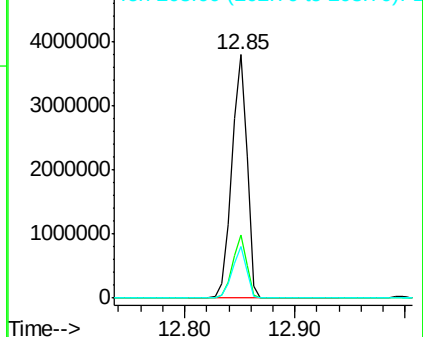
203 21.0 16.8 25.2

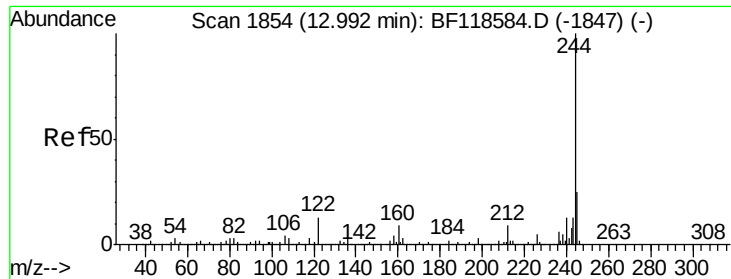


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.907 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_F

ClientSampled :

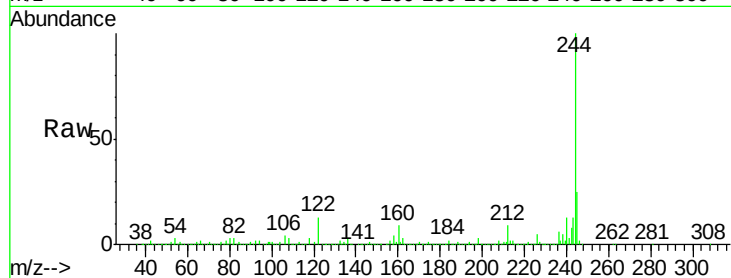
Tot Ion:244 Resp: 4993363

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.4

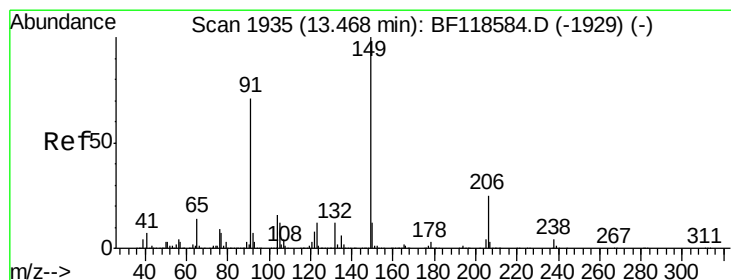
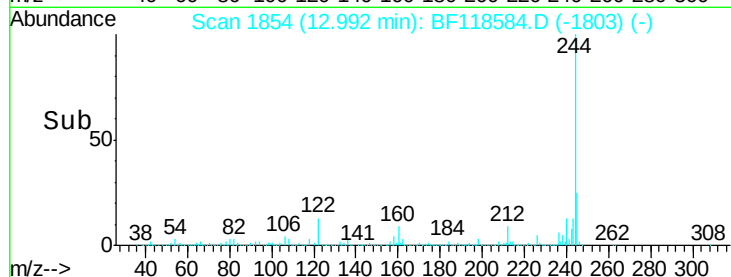
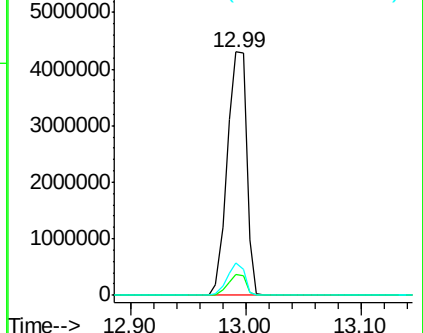
122 13.4 10.7 16.1



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: 35.349 ng

RT: 13.47 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

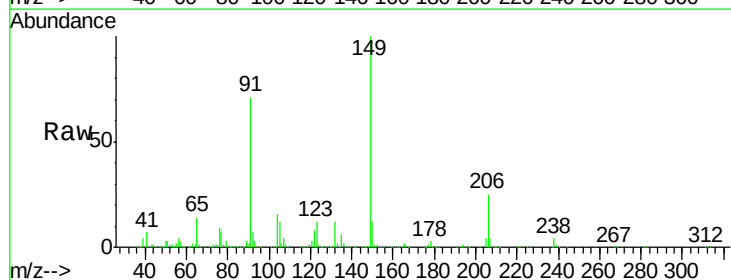
Tgt Ion:149 Resp: 1469265

Ion Ratio Lower Upper

149 100

91 70.6 56.5 84.7

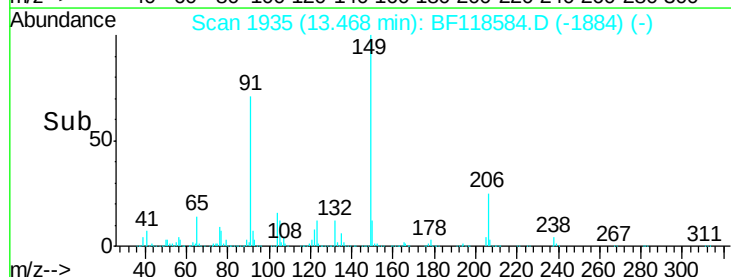
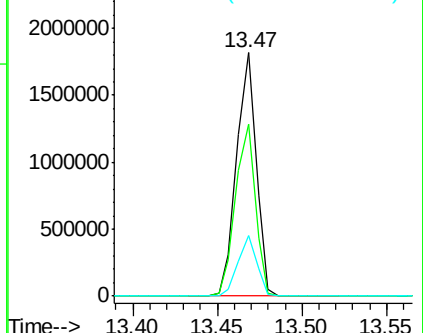
206 24.9 19.9 29.9

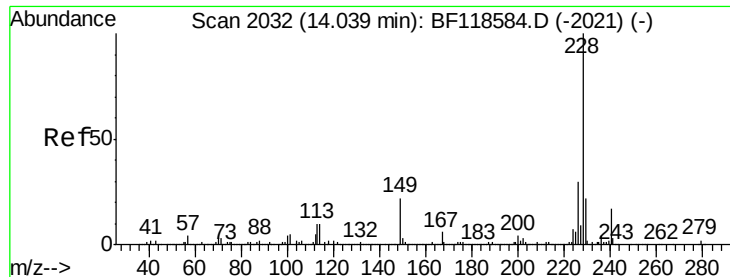


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

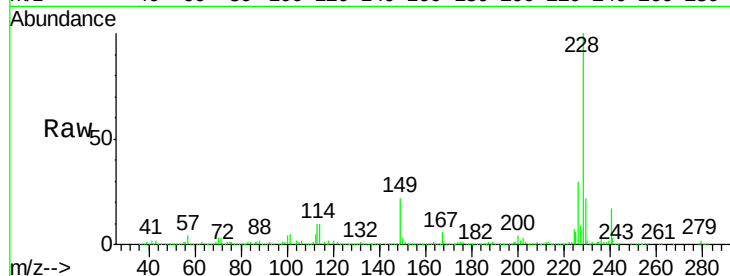




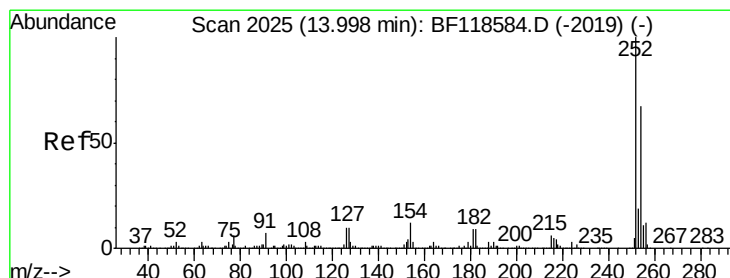
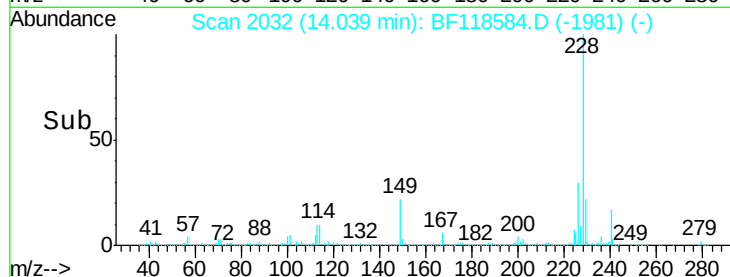
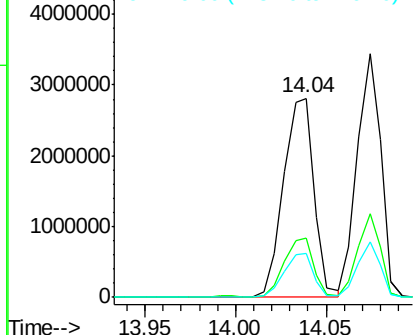
#81
Benzo(a)anthracene
Concen: 40.521 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 3322835
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 22.0 17.6 26.4

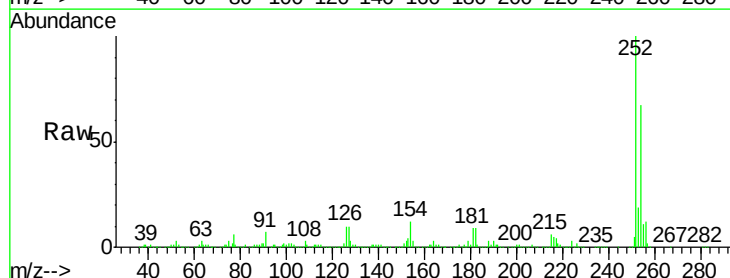


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

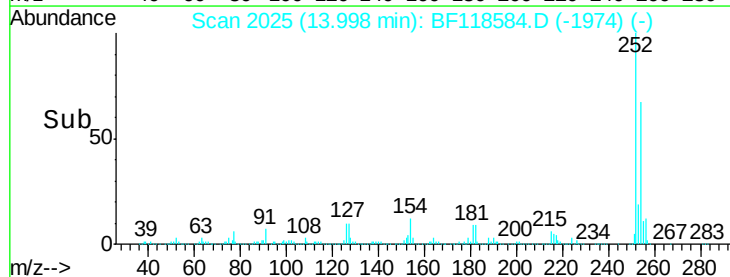
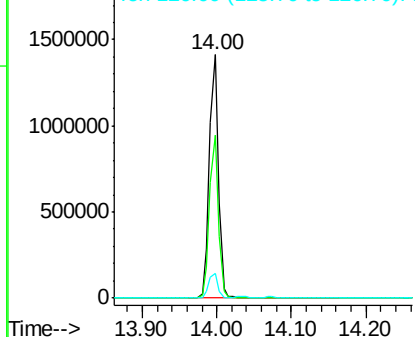


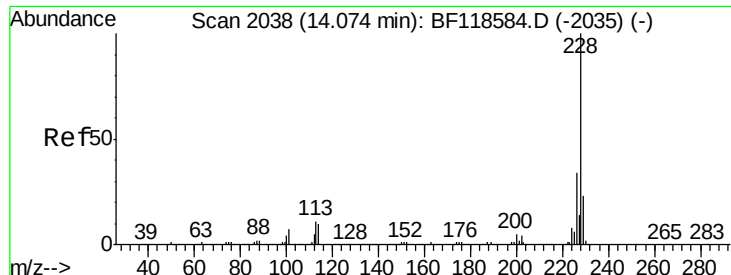
#82
3,3'-Dichlorobenzidine
Concen: 41.718 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Tgt Ion:252 Resp: 1200256
Ion Ratio Lower Upper
252 100
254 66.8 53.4 80.2
126 10.0 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.865 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_F

ClientSampleId :

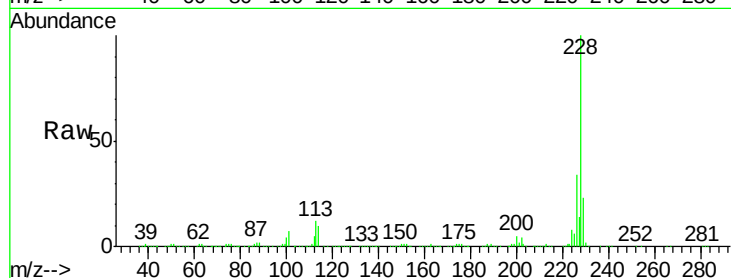
Tot Ion:228 Resp: 3144444

Ion Ratio Lower Upper

228 100

226 34.2 27.4 41.0

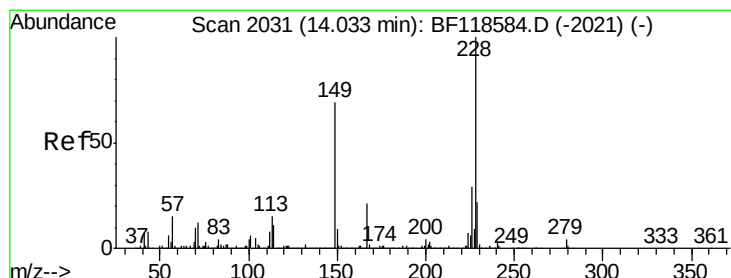
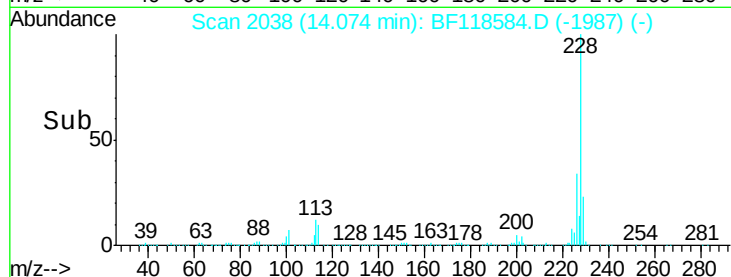
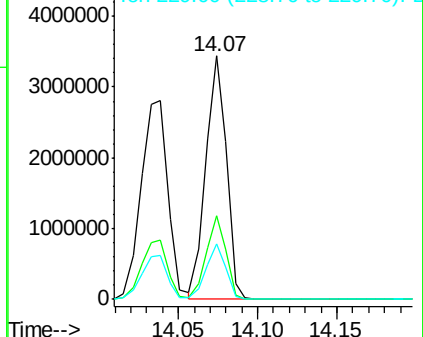
229 22.9 18.3 27.5



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: 35.228 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

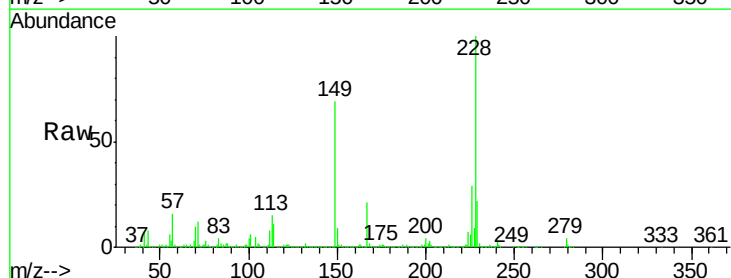
Tgt Ion:149 Resp: 1817413

Ion Ratio Lower Upper

149 100

167 30.3 24.2 36.4

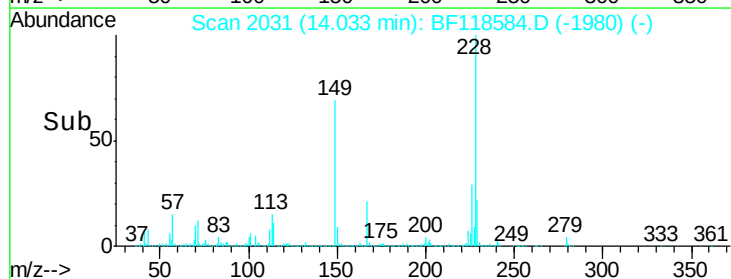
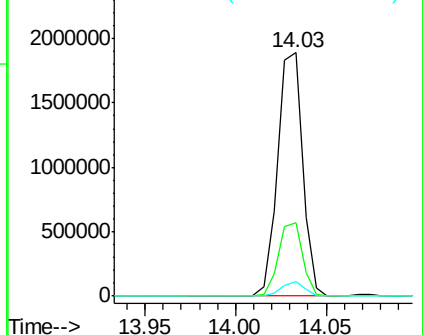
279 6.2 5.0 7.4

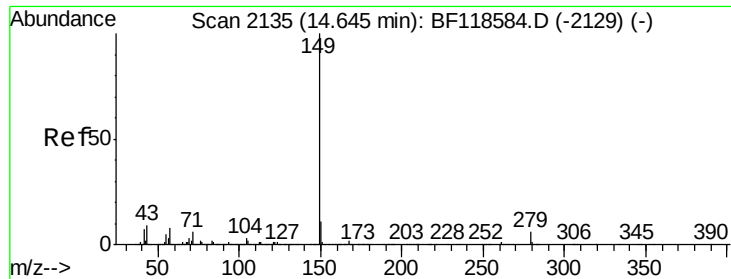


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 33.453 ng

RT: 14.64 min Scan# 2135

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_F

ClientSampleId :

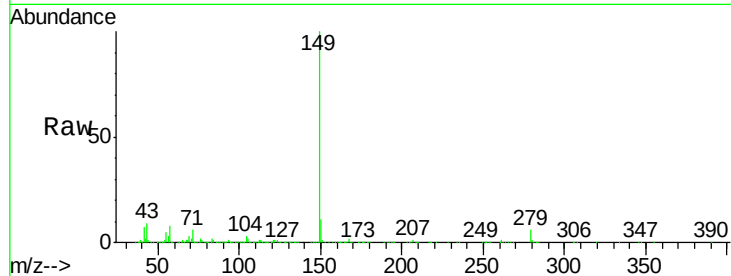
Tot Ion:149 Resp: 2642879

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

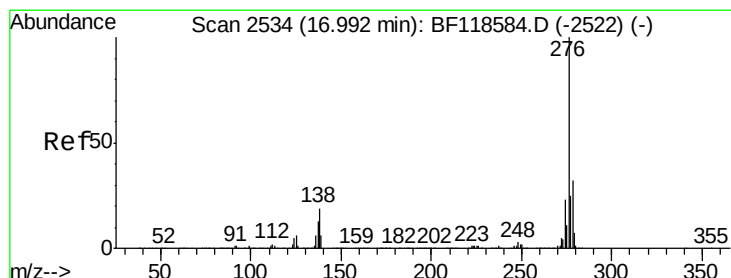
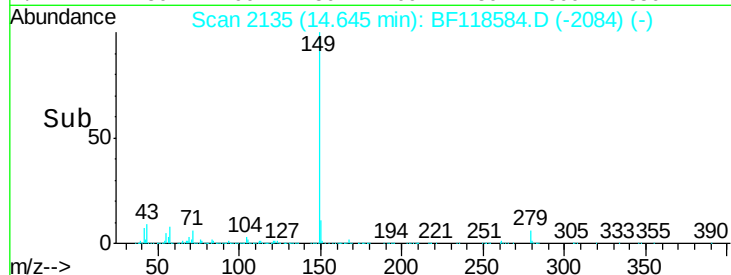
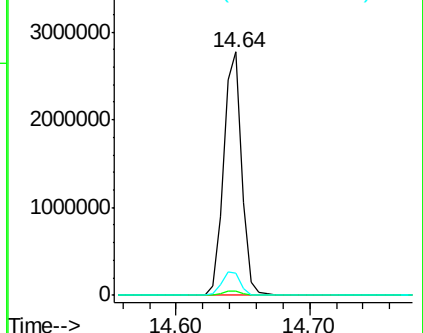
43 10.1 8.1 12.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 31.390 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

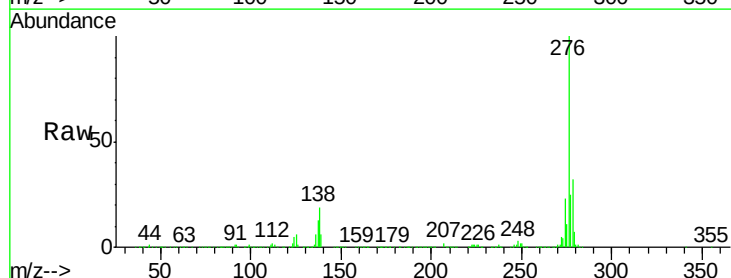
Tgt Ion:276 Resp: 2436485

Ion Ratio Lower Upper

276 100

138 21.5 17.2 25.8

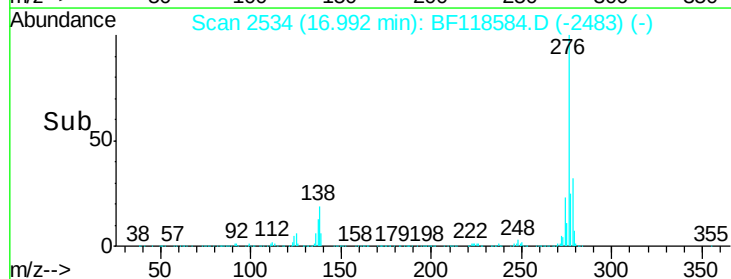
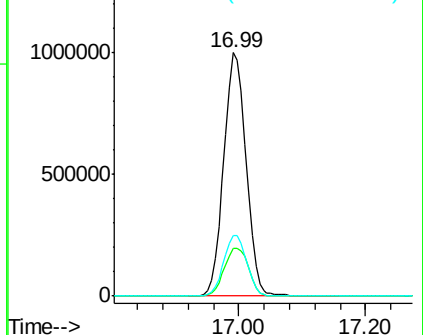
277 25.6 20.5 30.7

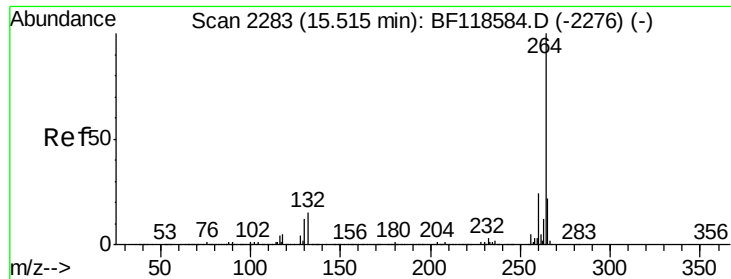


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



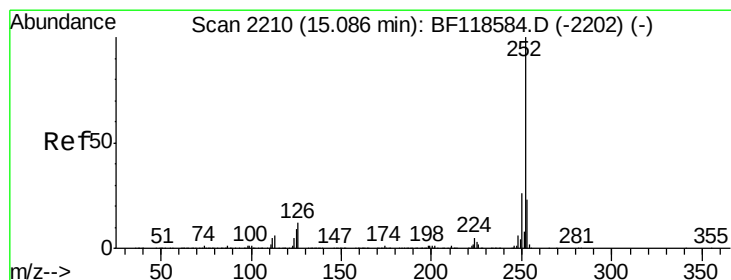
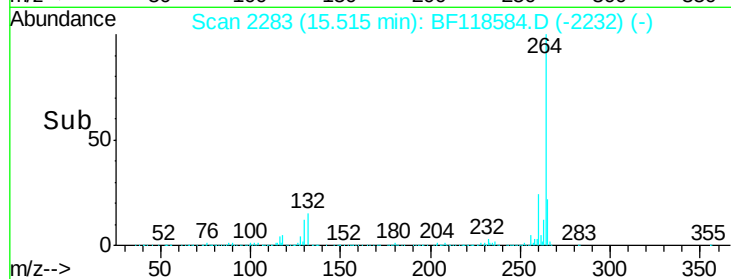
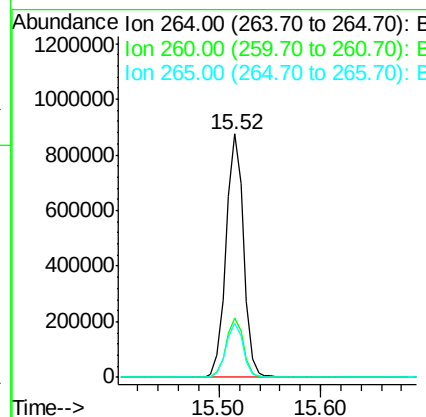
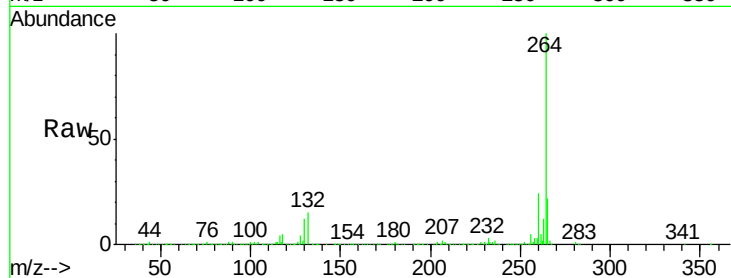


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 1052446

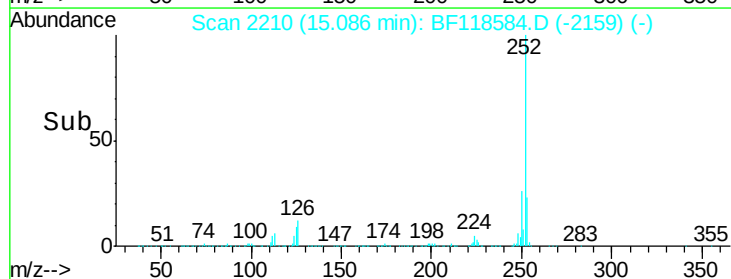
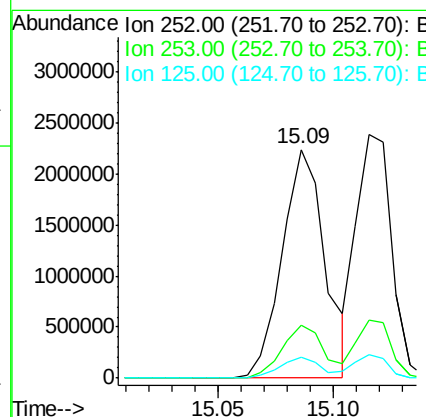
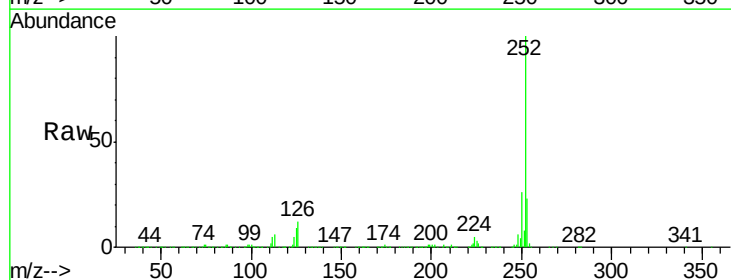
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	22.1	17.7	26.5

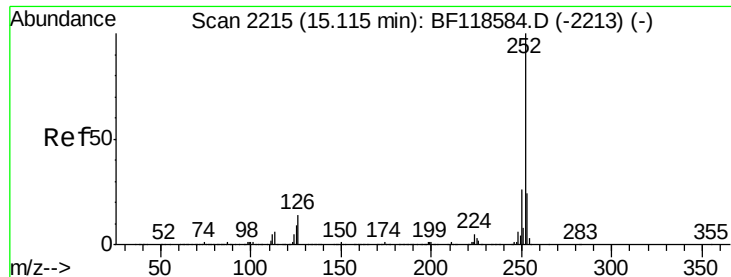


#88
Benzo(b)fluoranthene
Concen: 41.915 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Tgt Ion:252 Resp: 2873066

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.7	28.1
125	9.1	7.3	10.9

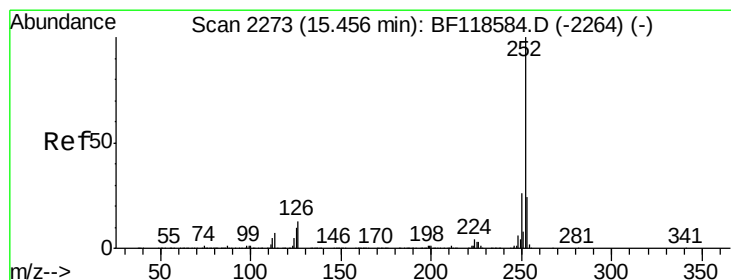
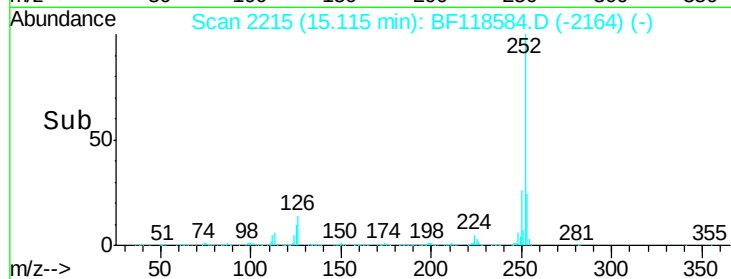
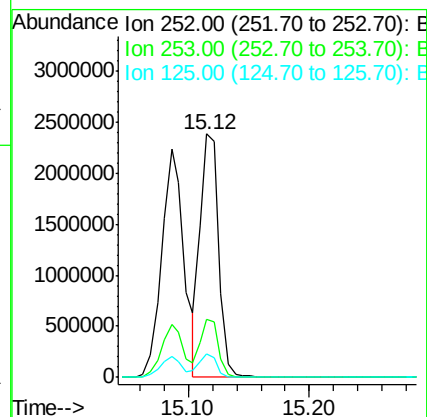
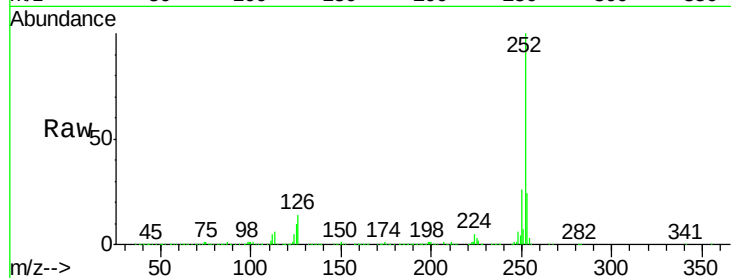




#89
Benzo(k)fluoranthene
Concen: 41.116 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

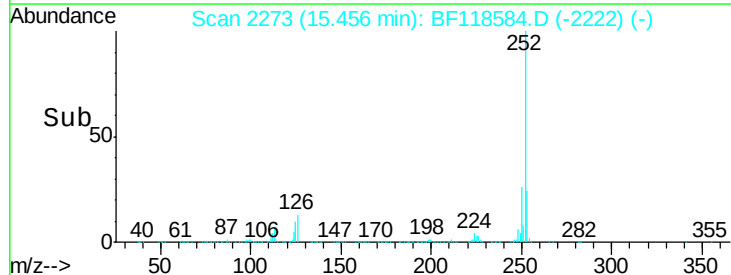
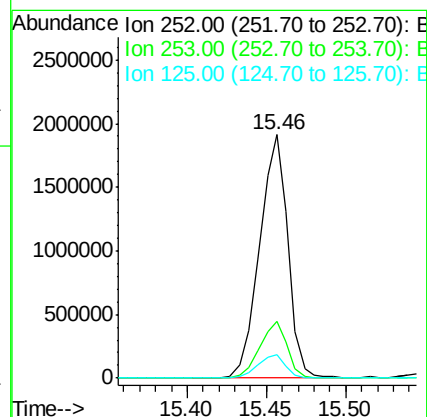
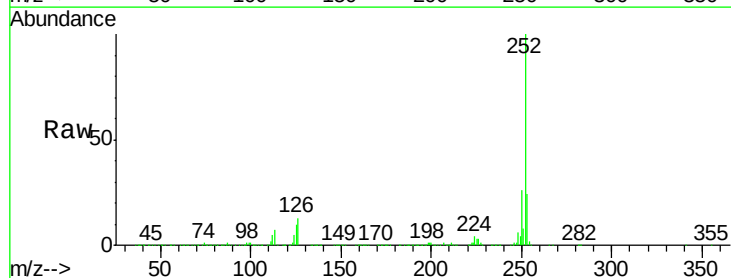
Instrument :
BNA_F
ClientSampleId :

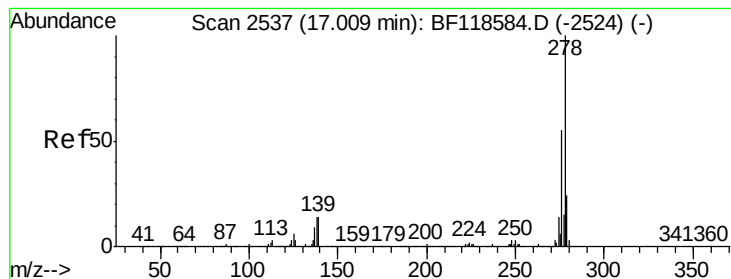
Tot Ion:252 Resp: 2547134
Ion Ratio Lower Upper
252 100
253 23.7 19.0 28.4
125 9.5 7.6 11.4



#90
Benzo(a)pyrene
Concen: 39.899 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF118584.D
Acq: 20 Jan 2020 11:37

Tgt Ion:252 Resp: 2379718
Ion Ratio Lower Upper
252 100
253 23.5 18.8 28.2
125 9.7 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 36.202 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

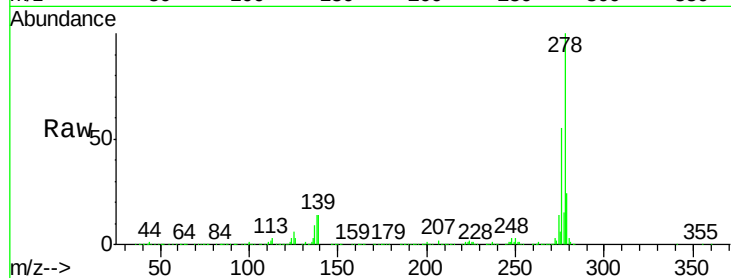
Instrument :

BNA_F

ClientSampled :

Tot Ion:278 Resp: 2016722

Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.4	17.0
279	23.8	19.0	28.6

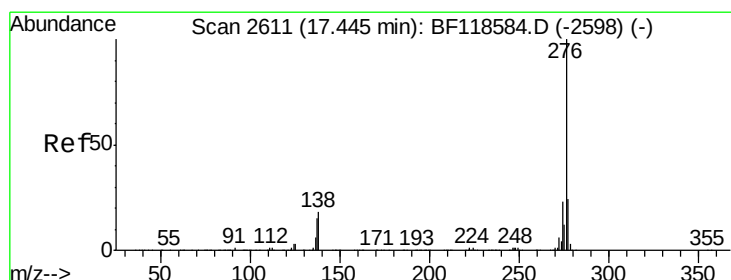
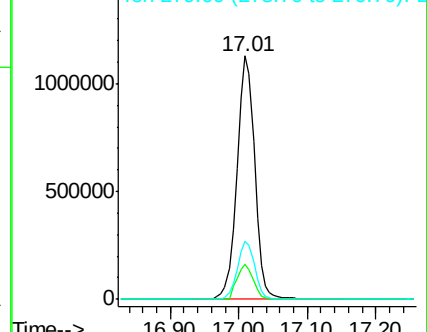
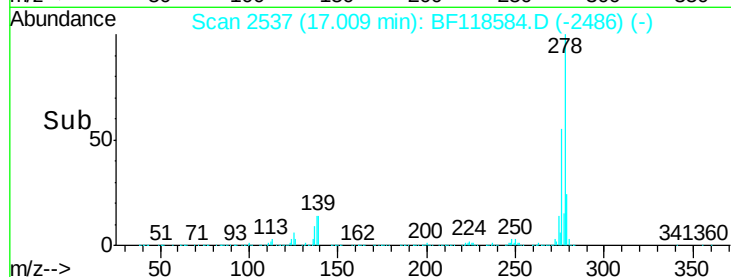


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.272 ng

RT: 17.44 min Scan# 2611

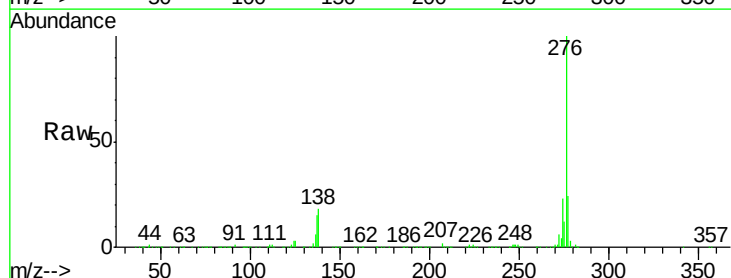
Delta R.T. 0.00 min

Lab File: BF118584.D

Acq: 20 Jan 2020 11:37

Tgt Ion:276 Resp: 1951781

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	18.0	14.4	21.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

