

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118959.D
 Acq On : 20 Feb 2020 14:16
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 20 15:26:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 15:19:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	183430	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	660836	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	365617	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	669533	20.00	ng	0.00
76) Chrysene-d12	13.91	240	515337	20.00	ng	0.00
87) Perylene-d12	15.33	264	744197	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	847629	88.01	ng	0.00
7) Phenol-d6	6.40	99	1030524	84.64	ng	0.00
23) Nitrobenzene-d5	7.33	82	947803	79.77	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	358898	79.24	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1813281	80.11	ng	0.00
79) Terphenyl-d14	12.86	244	2163231	82.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	185008	42.865	ng	100
3) Pyridine	3.18	79	502310	42.149	ng	100
4) n-Nitrosodimethylamine	3.13	42	152984	41.683	ng	100
6) Aniline	6.43	93	642320	40.341	ng	100
8) 2-Chlorophenol	6.55	128	458032	39.350	ng	100
9) Benzaldehyde	6.31	77	342140	47.056	ng	100
10) Phenol	6.42	94	555068	39.877	ng	100
11) bis(2-Chloroethyl)ether	6.50	93	420161	38.438	ng	100
12) 1,3-Dichlorobenzene	6.70	146	539768	38.656	ng	100
13) 1,4-Dichlorobenzene	6.78	146	546491	39.037	ng	100
14) 1,2-Dichlorobenzene	6.93	146	500494	38.930	ng	100
15) Benzyl Alcohol	6.90	79	376811	39.678	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.04	45	362185	36.746	ng	100
17) 2-Methylphenol	7.02	107	366946	38.485	ng	100
18) Hexachloroethane	7.27	117	192958	38.367	ng	100
19) n-Nitroso-di-n-propylamine	7.18	70	293130	37.735	ng	100
20) 3+4-Methylphenols	7.17	107	439912	39.535	ng	100
22) Acetophenone	7.17	105	580219	40.344	ng	100
24) Nitrobenzene	7.35	77	465598	38.699	ng	100
25) Isophorone	7.59	82	810746	38.108	ng	100
26) 2-Nitrophenol	7.66	139	248145	38.620	ng	100
27) 2,4-Dimethylphenol	7.70	122	336166	39.093	ng	100
28) bis(2-Chloroethoxy)methane	7.79	93	534664	38.417	ng	100
29) 2,4-Dichlorophenol	7.90	162	401260	39.127	ng	100
30) 1,2,4-Trichlorobenzene	7.99	180	474080	39.403	ng	100
31) Naphthalene	8.06	128	1312037	39.178	ng	100
32) Benzoic acid	7.84	122	226308	36.431	ng	100
33) 4-Chloroaniline	8.12	127	564468	39.370	ng	100
34) Hexachlorobutadiene	8.19	225	292044	39.233	ng	100
35) Caprolactam	8.49	113	124204	40.029	ng	100
36) 4-Chloro-3-methylphenol	8.60	107	403467	39.371	ng	100
37) 2-Methylnaphthalene	8.76	142	877230	39.268	ng	100
38) 1-Methylnaphthalene	8.86	142	831236	39.679	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	461417	39.338	ng	100

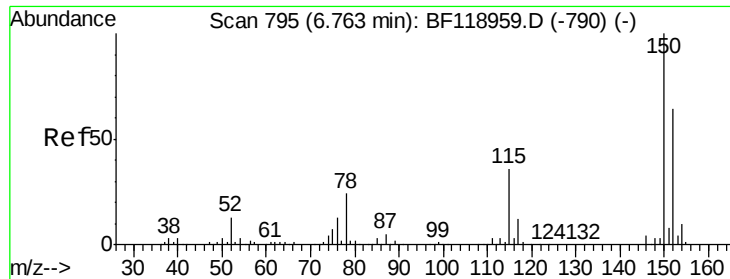
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
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 QLast Update : Thu Feb 20 15:19:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	134921	38.335	ng	100
43) 2,4,6-Trichlorophenol	9.03	196	291859	37.705	ng	100
44) 2,4,5-Trichlorophenol	9.08	196	308243	38.407	ng	100
46) 1,1'-Biphenyl	9.22	154	1120275	39.856	ng	100
47) 2-Chloronaphthalene	9.25	162	894084	38.328	ng	100
48) 2-Nitroaniline	9.34	65	250027	38.306	ng	100
49) Acenaphthylene	9.66	152	1303602	39.139	ng	100
50) Dimethylphthalate	9.52	163	1035991	37.531	ng	100
51) 2,6-Dinitrotoluene	9.58	165	232864	37.769	ng	100
52) Acenaphthene	9.83	154	786325	38.782	ng	100
53) 3-Nitroaniline	9.75	138	261423	38.527	ng	100
54) 2,4-Dinitrophenol	9.86	184	97803	35.664	ng	100
55) Dibenzofuran	10.00	168	1189458	39.301	ng	100
56) 4-Nitrophenol	9.92	139	159184	38.082	ng	100
57) 2,4-Dinitrotoluene	9.99	165	309255	38.775	ng	100
58) Fluorene	10.35	166	916708	39.083	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	255841	37.090	ng	100
60) Diethylphthalate	10.22	149	993583	38.182	ng	100
61) 4-Chlorophenyl-phenylether	10.33	204	483825	38.765	ng	100
62) 4-Nitroaniline	10.36	138	267420	38.282	ng	100
63) Azobenzene	10.49	77	859191	37.544	ng	100
65) 4,6-Dinitro-2-methylphenol	10.40	198	152009	36.839	ng	100
66) n-Nitrosodiphenylamine	10.45	169	829289	39.111	ng	100
67) 4-Bromophenyl-phenylether	10.82	248	326534	37.989	ng	100
68) Hexachlorobenzene	10.89	284	378084	38.422	ng	100
69) Atrazine	10.98	200	286257	40.334	ng	100
70) Pentachlorophenol	11.09	266	150688	35.769	ng	100
71) Phenanthrene	11.30	178	1379496	39.237	ng	100
72) Anthracene	11.35	178	1399916	39.797	ng	100
73) Carbazole	11.50	167	1236144	39.207	ng	100
74) Di-n-butylphthalate	11.84	149	1489824	37.242	ng	100
75) Fluoranthene	12.49	202	1482964	37.866	ng	100
77) Benzidine	12.60	184	808214	48.986	ng	100
78) Pyrene	12.72	202	1510743	40.623	ng	100
80) Butylbenzylphthalate	13.33	149	646579	39.676	ng	100
81) Benzo(a)anthracene	13.90	228	1322673	41.884	ng	100
82) 3,3'-Dichlorobenzidine	13.86	252	535644	43.590	ng	100
83) Chrysene	13.94	228	1306984	41.283	ng	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	826049	40.001	ng	100
85) Di-n-octyl phthalate	14.50	149	1385317	41.610	ng	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	1643374	52.743	ng	100
88) Benzo(b)fluoranthene	14.93	252	1294791	25.809	ng	100
89) Benzo(k)fluoranthene	14.96	252	1311367	29.414	ng	100
90) Benzo(a)pyrene	15.28	252	1634032	37.805	ng	100
91) Dibenzo(a,h)anthracene	16.74	278	1361234	34.749	ng	100
92) Benzo(g,h,i)perylene	17.16	276	1323781	34.249	ng	100

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

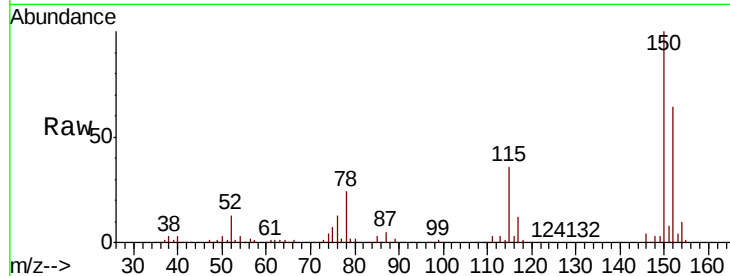


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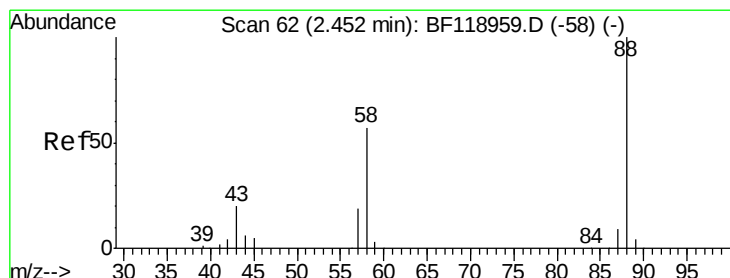
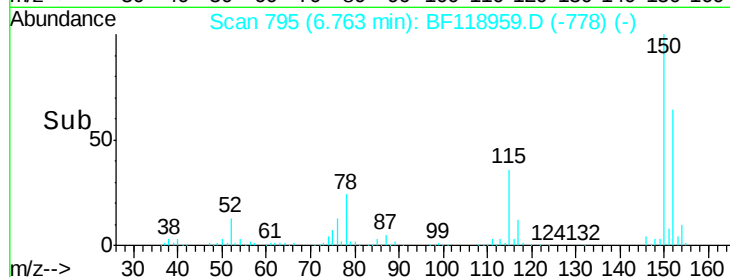
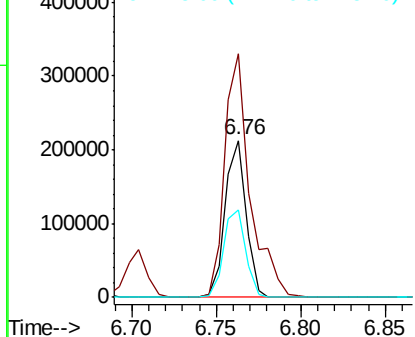
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.3	186.5
115	55.8	44.6	67.0



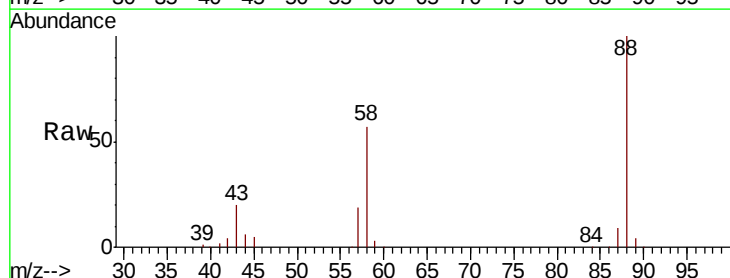
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



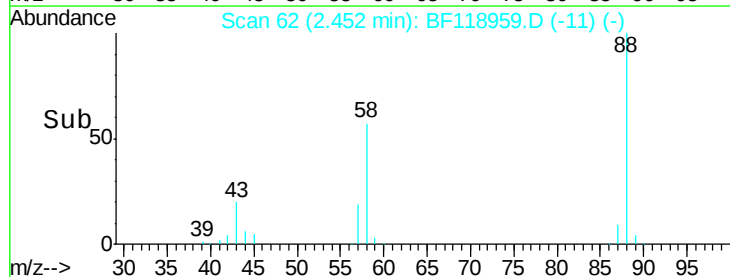
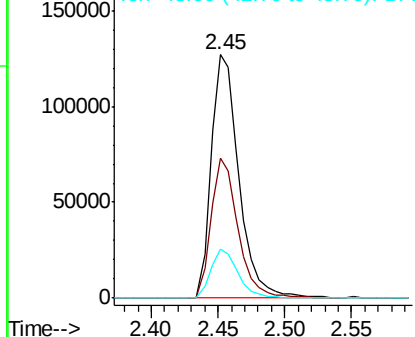
#2

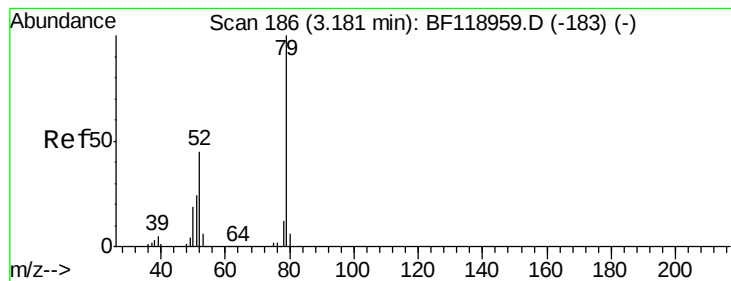
1,4-Dioxane
Concen: 42.865 ng
RT: 2.45 min Scan# 62
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.7	44.6	66.8
43	20.0	16.0	24.0



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: 42.149 ng

RT: 3.18 min Scan# 186

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

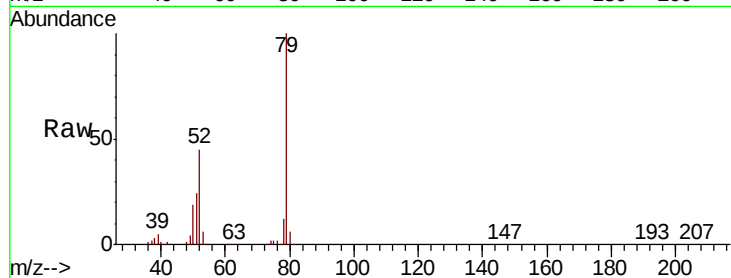
Tot Ion: 79 Resp: 502310

Ion Ratio Lower Upper

79 100

52 45.4 36.3 54.5

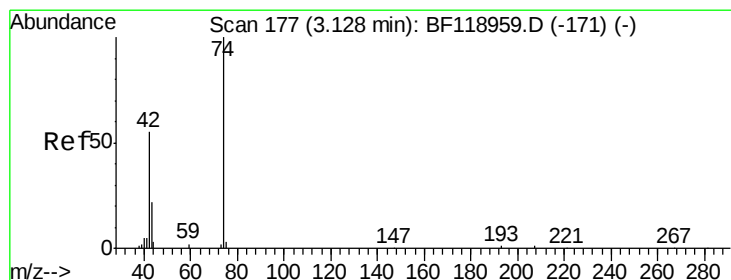
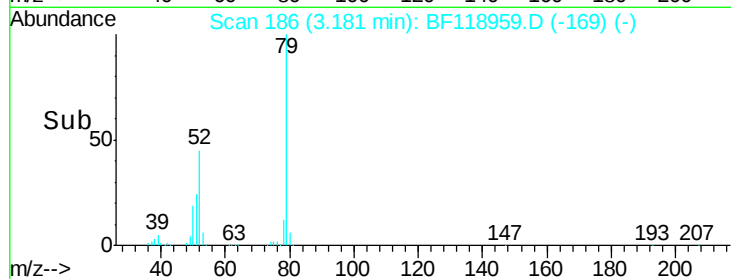
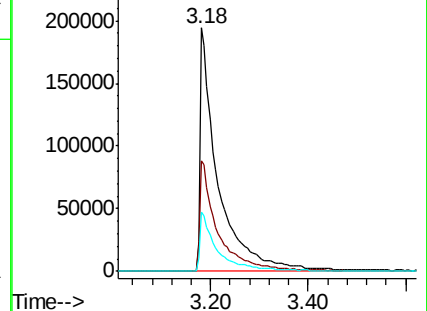
51 24.4 19.5 29.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.683 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

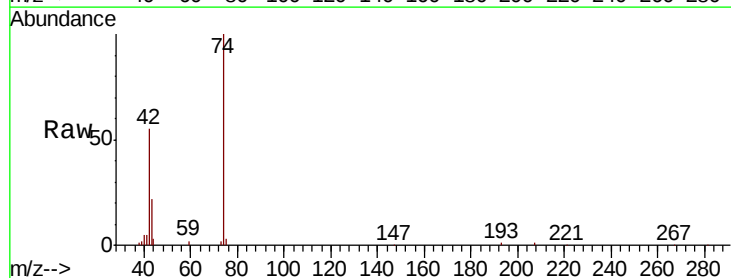
Tgt Ion: 42 Resp: 152984

Ion Ratio Lower Upper

42 100

74 180.5 144.4 216.6

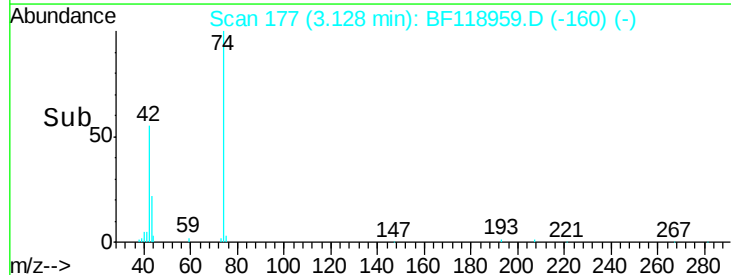
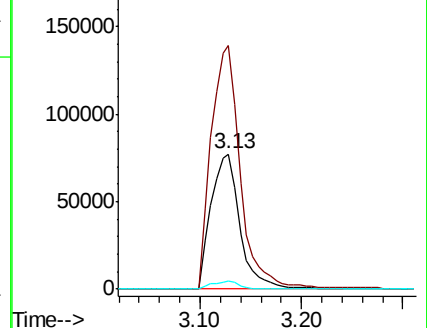
44 5.6 4.5 6.7

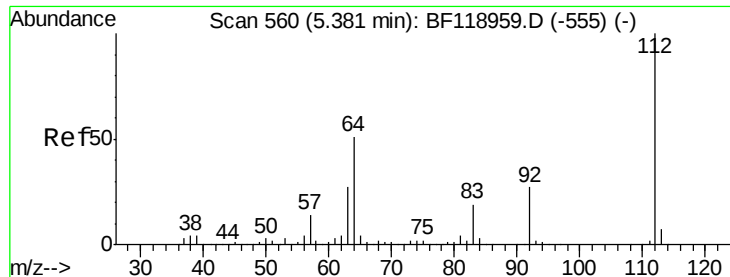


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 88.006 ng

RT: 5.38 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :
BNA_F
ClientSampleId :

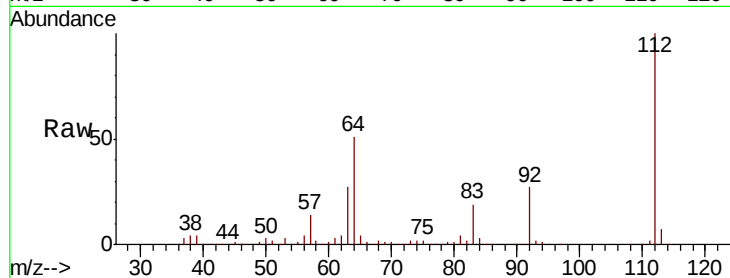
Tot Ion: 112 Resp: 847629

Ion Ratio Lower Upper

112 100

64 50.5 40.4 60.6

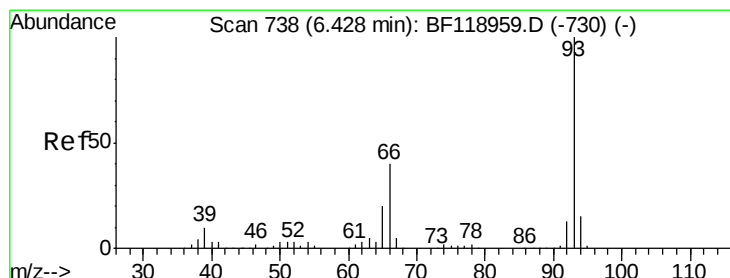
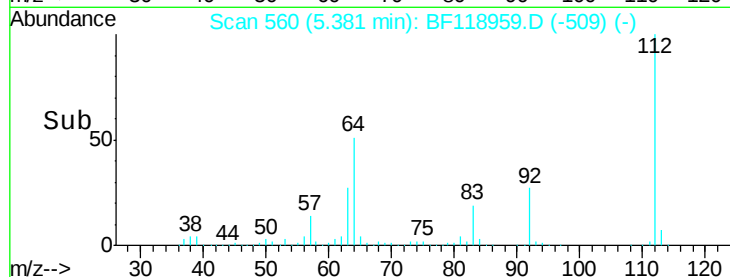
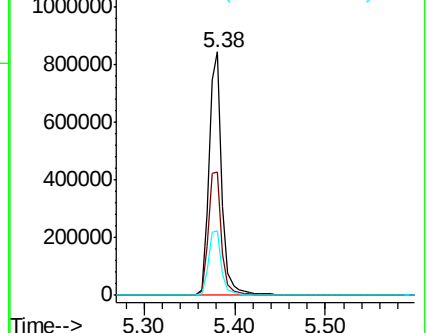
63 26.6 21.3 31.9



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.341 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

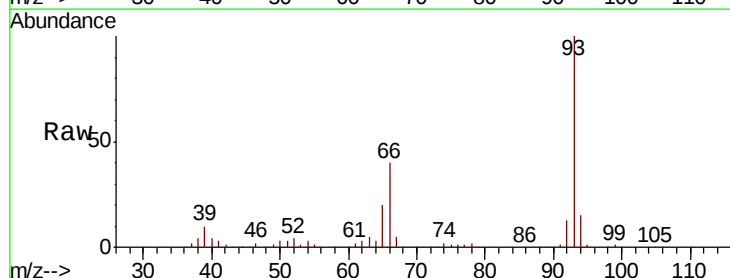
Tgt Ion: 93 Resp: 642320

Ion Ratio Lower Upper

93 100

66 40.2 32.2 48.2

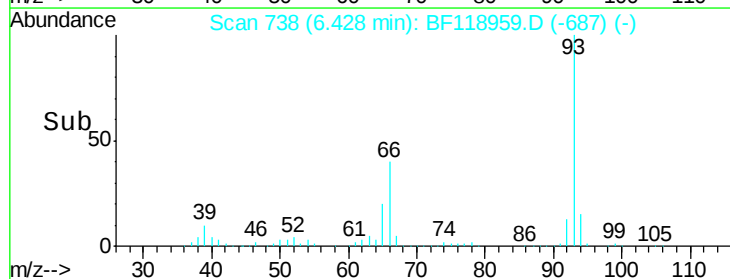
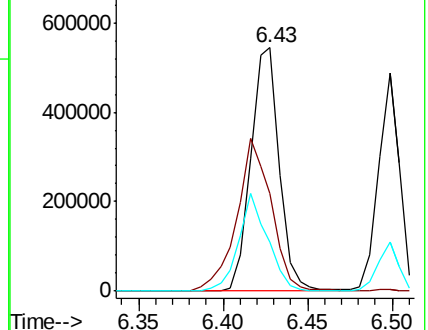
65 20.1 16.1 24.1



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: 84.639 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampled :

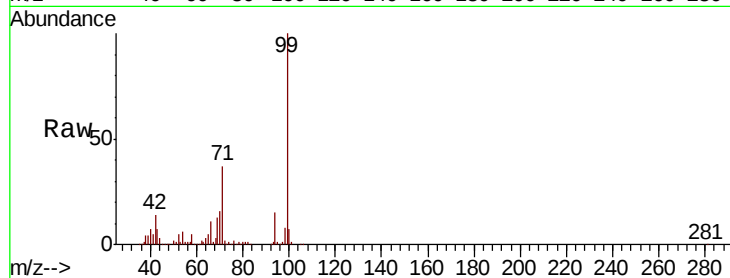
Tot Ion: 99 Resp: 1030524

Ion Ratio Lower Upper

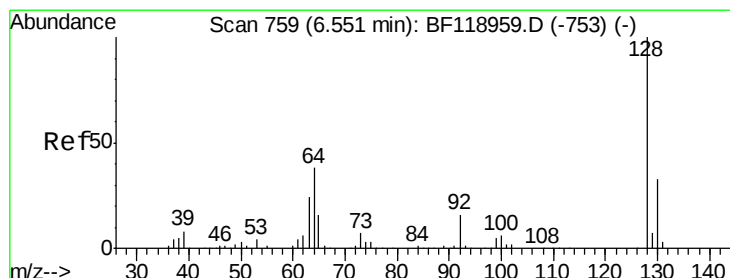
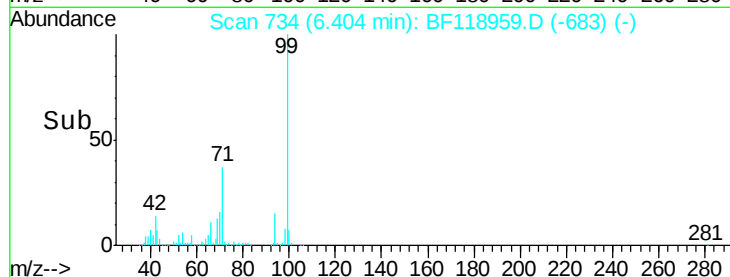
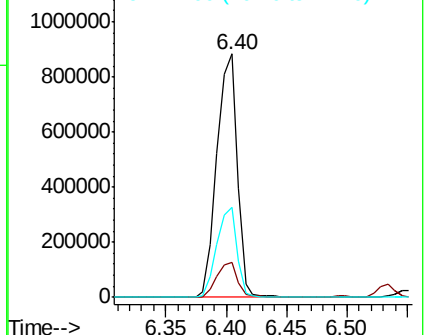
99 100

42 14.2 11.4 17.0

71 37.2 29.8 44.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.350 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

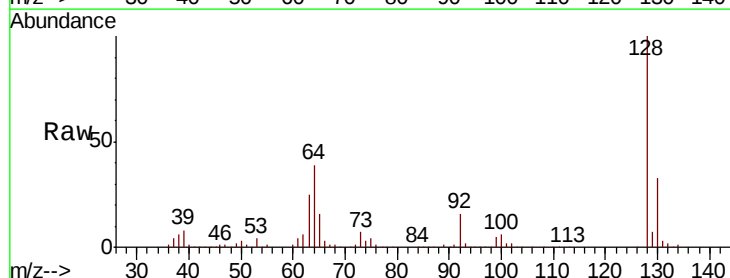
Tgt Ion: 128 Resp: 458032

Ion Ratio Lower Upper

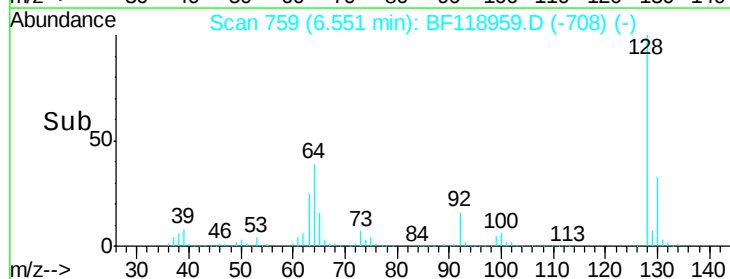
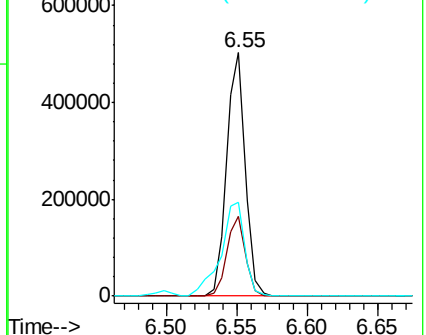
128 100

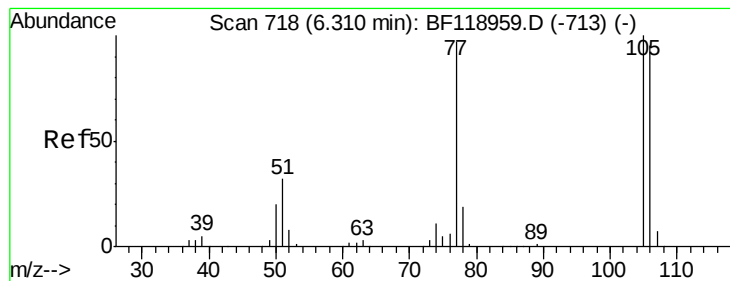
130 32.7 12.7 52.7

64 38.7 18.7 58.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 47.056 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampled :

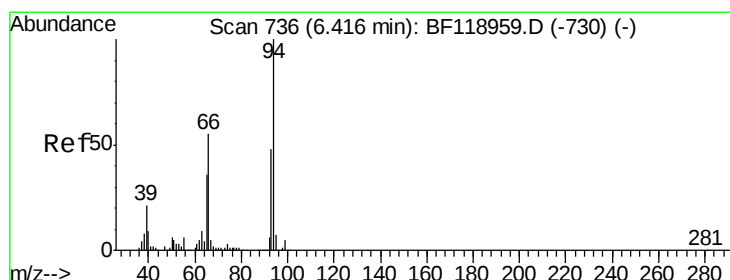
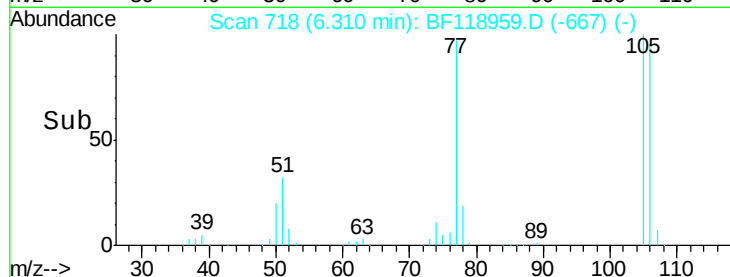
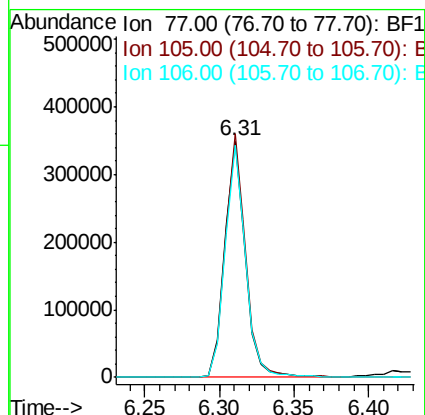
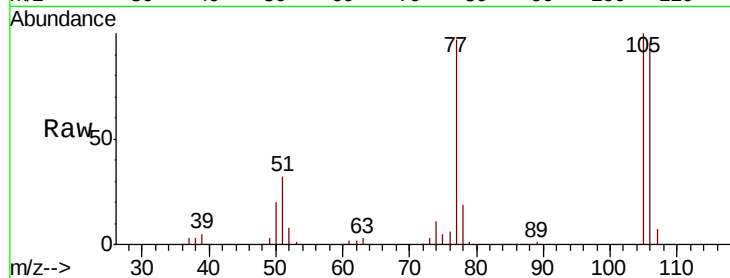
Tot Ion: 77 Resp: 342140

Ion Ratio Lower Upper

77 100

105 103.0 83.0 123.0

106 98.3 78.3 118.3



#10

Phenol

Concen: 39.877 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

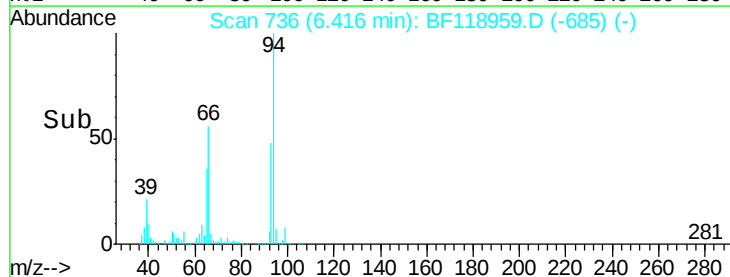
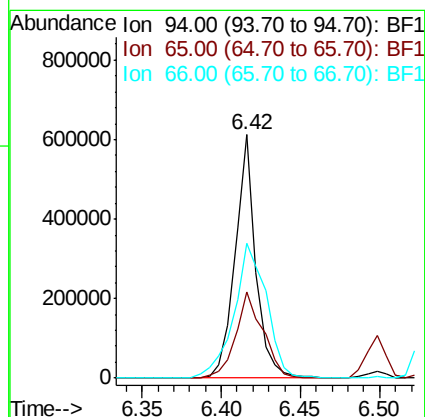
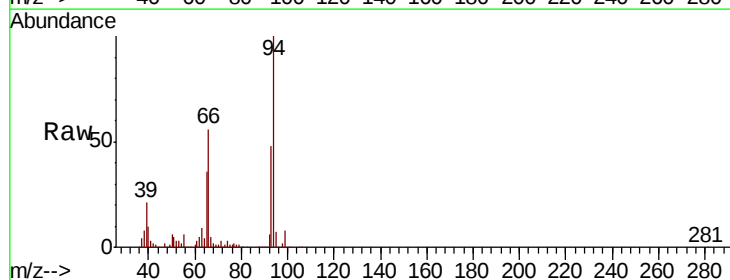
Tgt Ion: 94 Resp: 555068

Ion Ratio Lower Upper

94 100

65 35.5 15.5 55.5

66 55.6 35.6 75.6

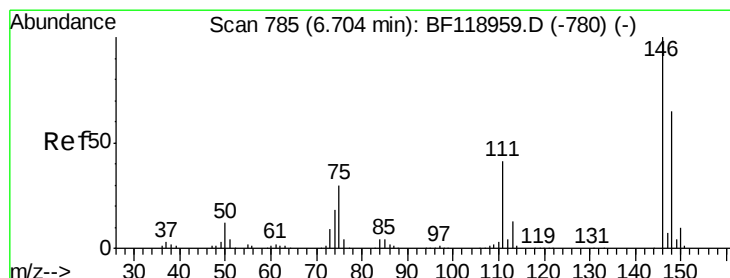
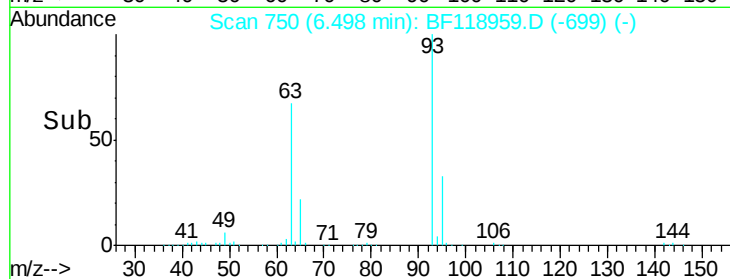
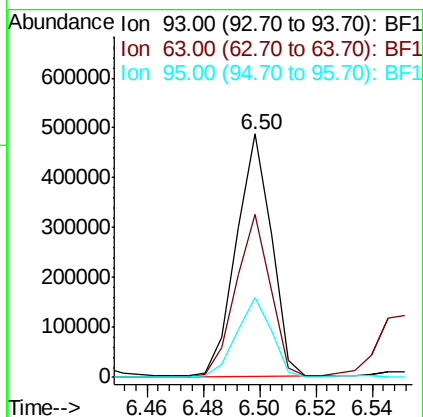
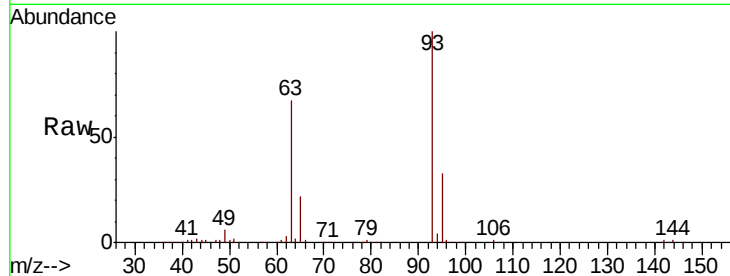




#11
 bis(2-Chloroethyl)ether
 Concen: 38.438 ng
 RT: 6.50 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

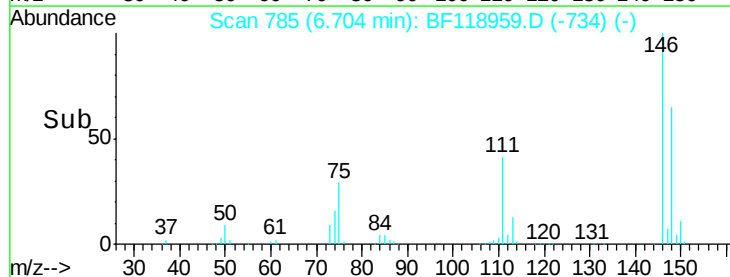
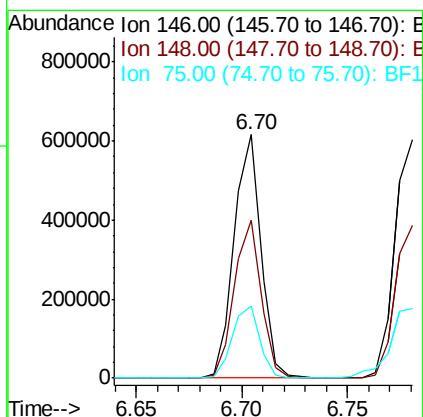
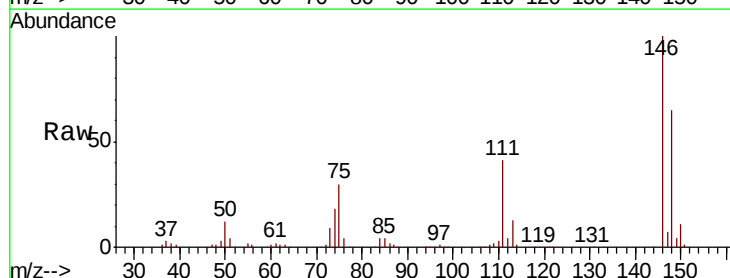
Instrument :
 BNA_F
 ClientSampleId :

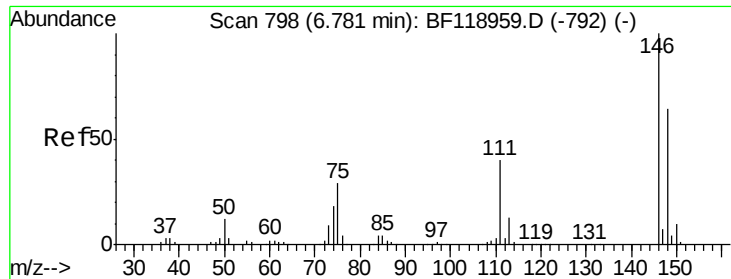
Tot Ion: 93 Resp: 420161
 Ion Ratio Lower Upper
 93 100
 63 66.8 46.8 86.8
 95 32.7 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 38.656 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

Tgt Ion: 146 Resp: 539768
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.7 77.5
 75 29.5 23.6 35.4

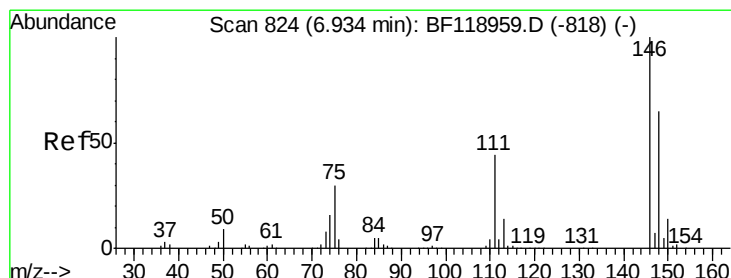
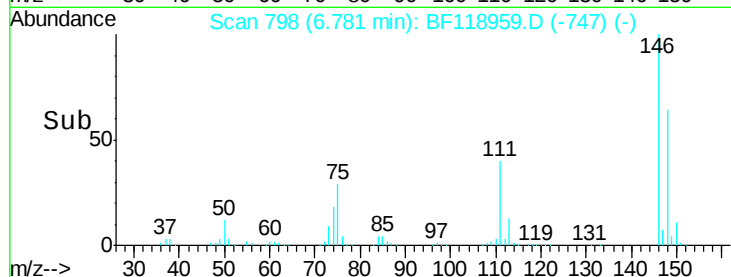
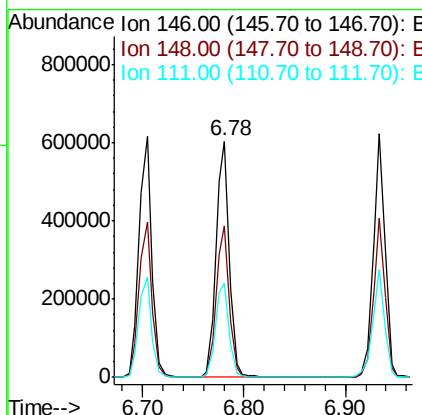
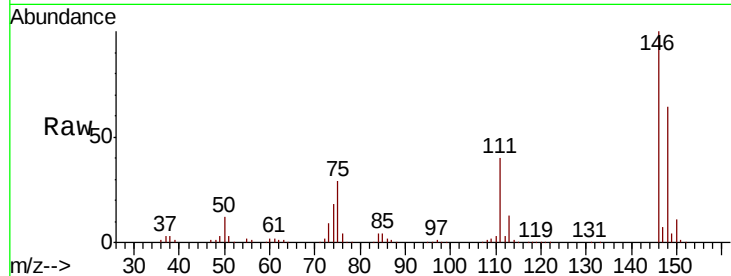




#13
 1,4-Dichlorobenzene
 Concen: 39.037 ng
 RT: 6.78 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

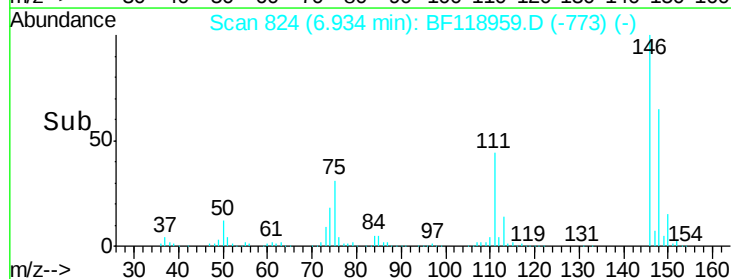
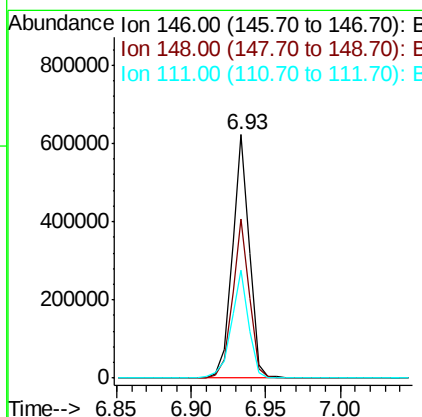
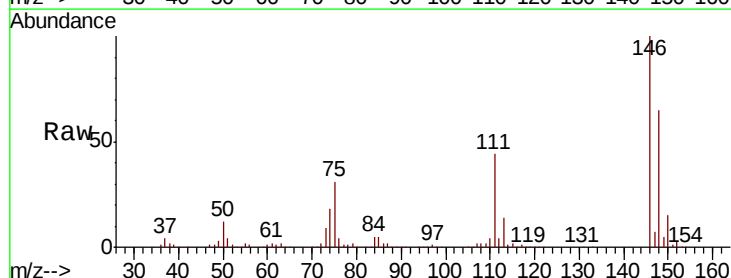
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 546491
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.4 77.2
 111 39.9 31.9 47.9



#14
 1,2-Dichlorobenzene
 Concen: 38.930 ng
 RT: 6.93 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

Tgt Ion:146 Resp: 500494
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.1 78.1
 111 44.4 35.5 53.3





#15

Benzyl Alcohol

Concen: 39.678 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

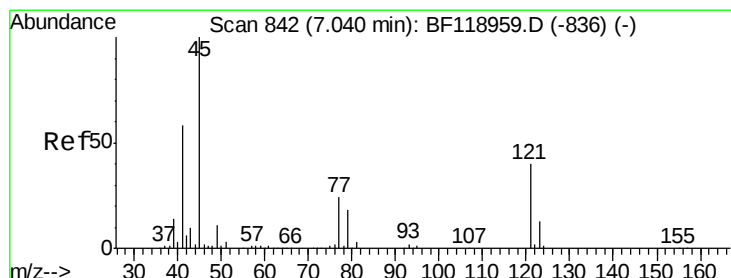
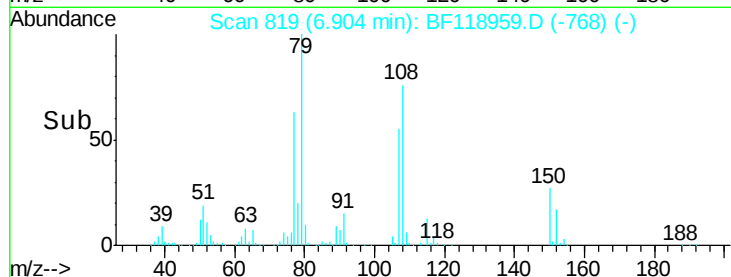
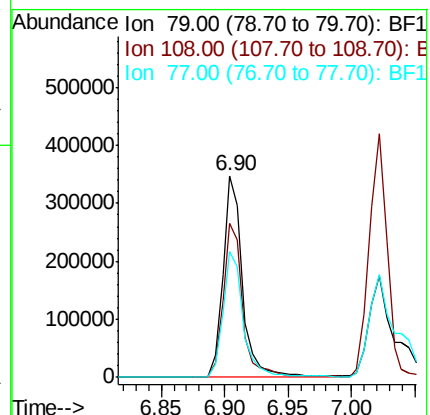
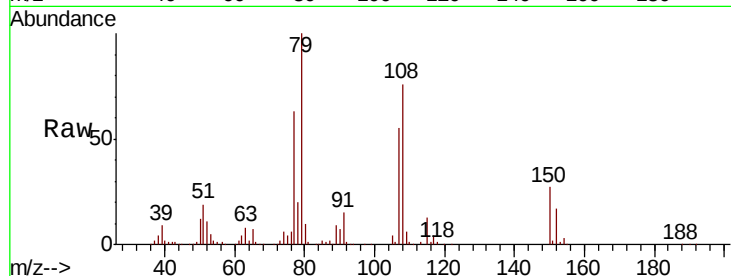
Tot Ion: 79 Resp: 376811

Ion Ratio Lower Upper

79 100

108 76.4 61.1 91.7

77 62.7 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.746 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

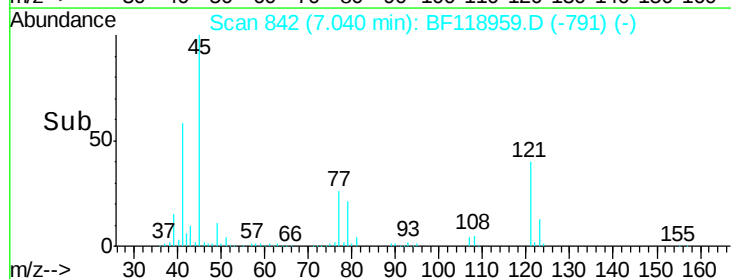
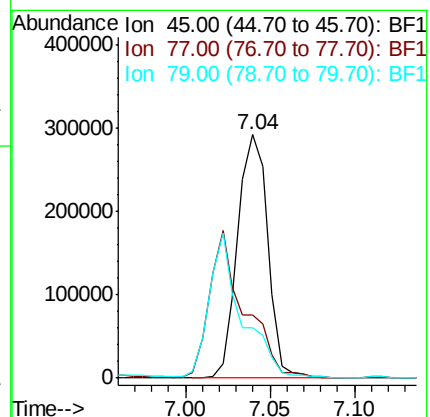
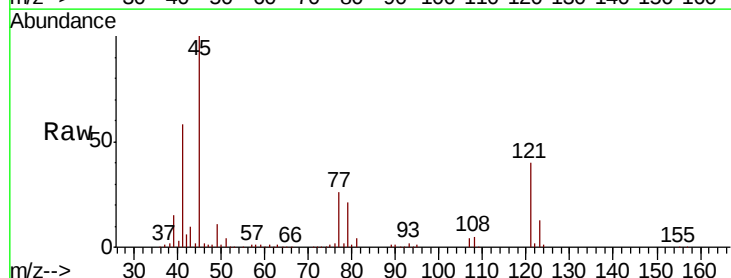
Tgt Ion: 45 Resp: 362185

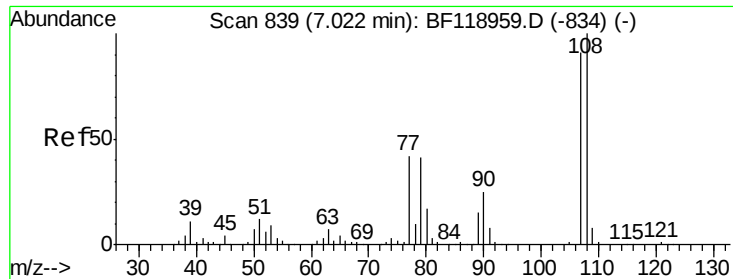
Ion Ratio Lower Upper

45 100

77 26.1 6.1 46.1

79 20.5 0.5 40.5

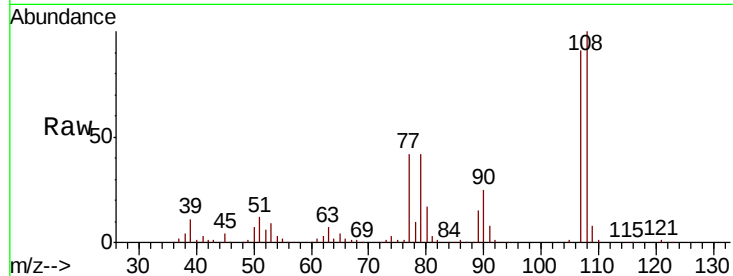




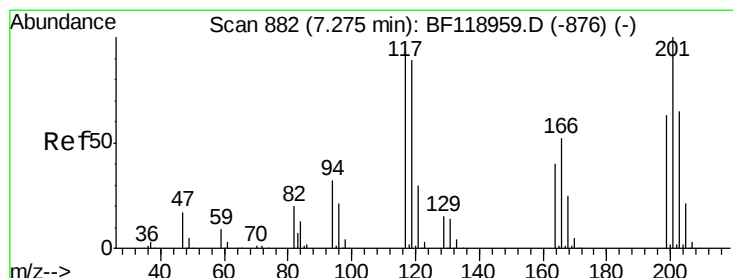
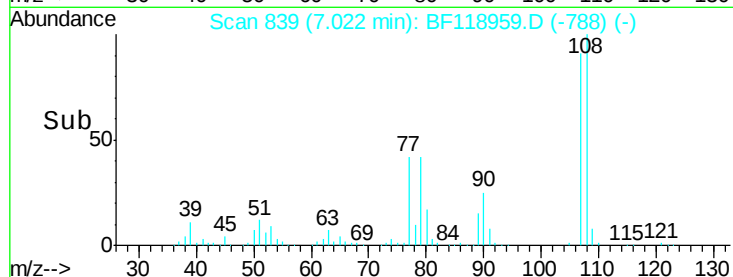
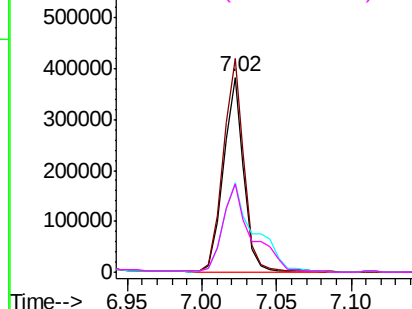
#17
2-Methylphenol
Concen: 38.485 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 366946
Ion Ratio Lower Upper
107 100
108 109.6 87.7 131.5
77 46.0 36.8 55.2
79 45.5 36.4 54.6

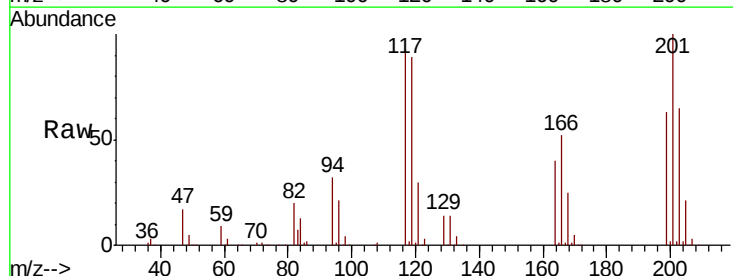


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

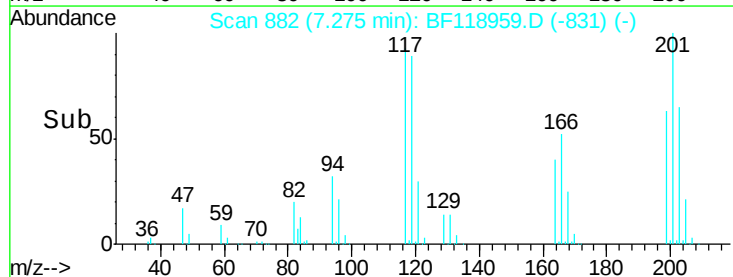
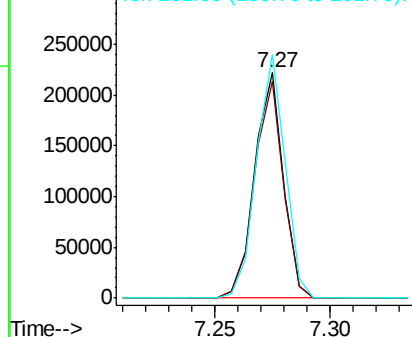


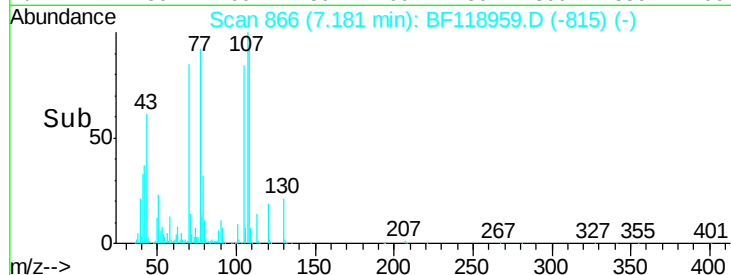
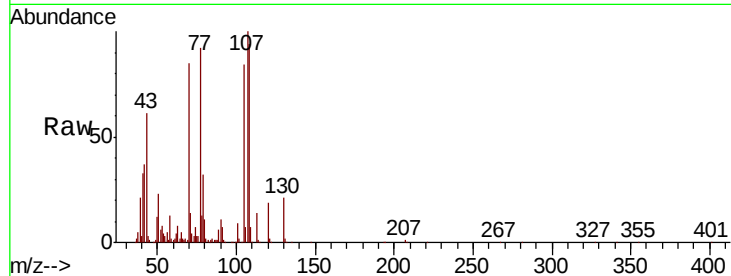
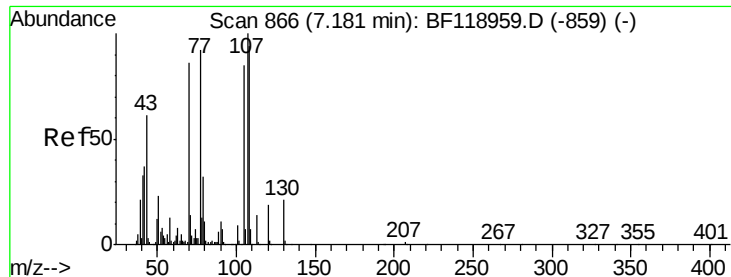
#18
Hexachloroethane
Concen: 38.367 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion:117 Resp: 192958
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.6
201 108.0 86.4 129.6



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

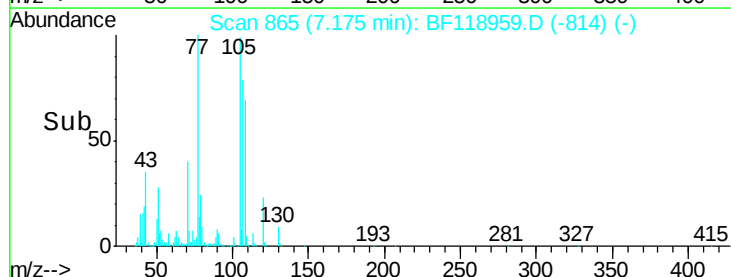
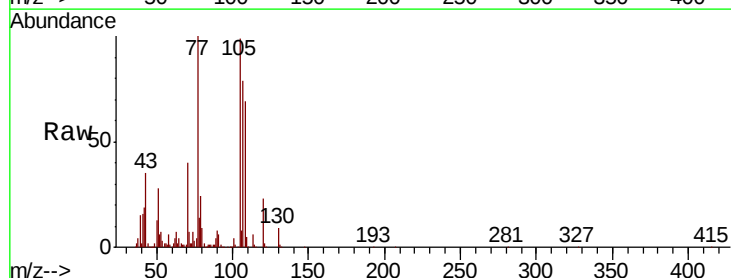
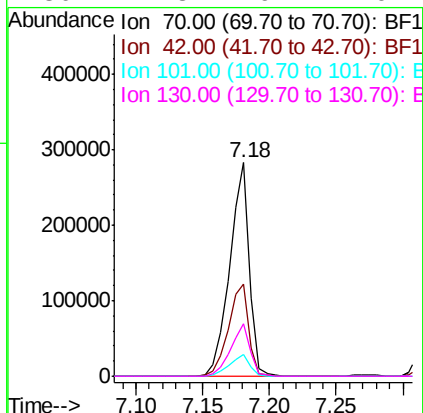




#19
n-Nitroso-di-n-propylamine
Concen: 37.735 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

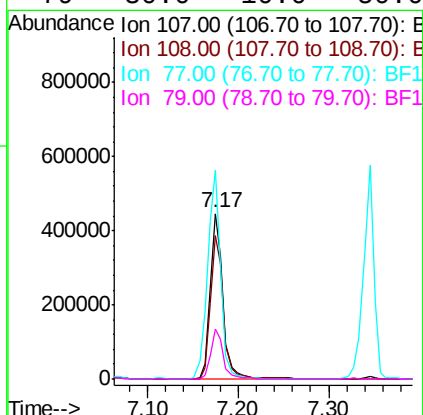
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	43.2	34.6	51.8
101	10.1	8.1	12.1
130	24.3	19.4	29.2



#20
3+4-Methylphenols
Concen: 39.535 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	67.0	107.0
77	126.2	106.2	146.2
79	30.0	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 660836

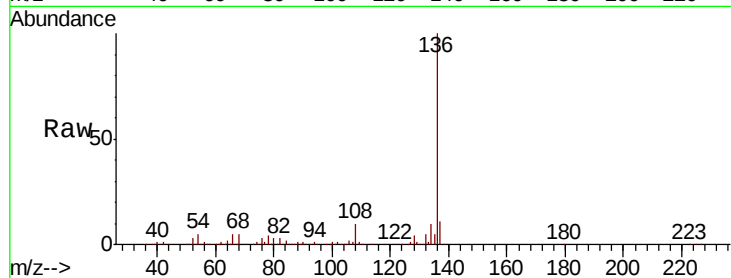
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 4.7 3.8 5.6

68 5.2 4.2 6.2

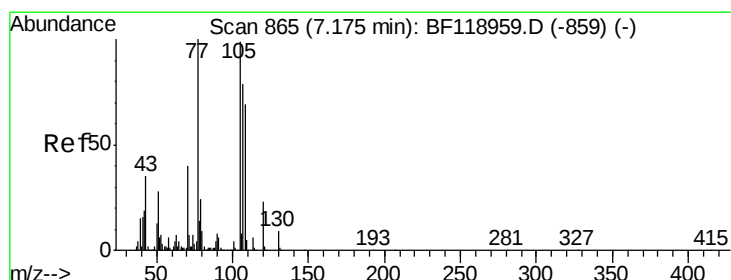
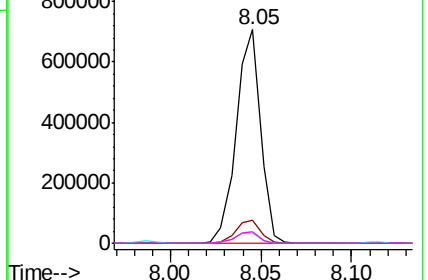
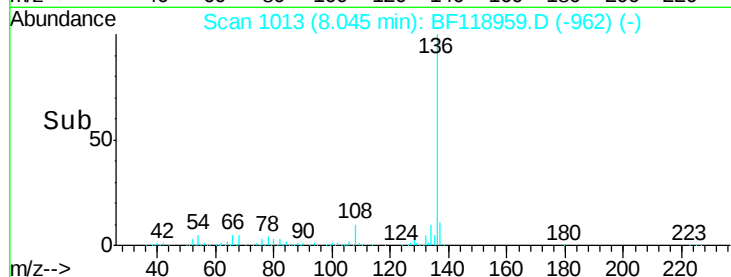


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.344 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Tgt Ion:105 Resp: 580219

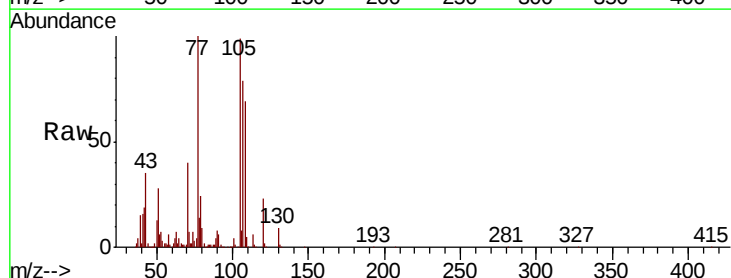
Ion Ratio Lower Upper

105 100

71 6.7 5.4 8.0

51 28.1 22.5 33.7

120 23.0 18.4 27.6

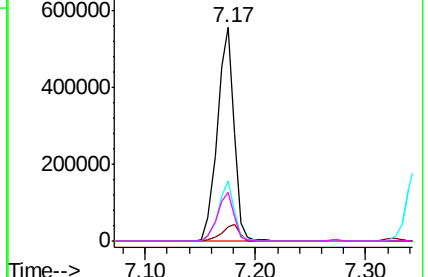
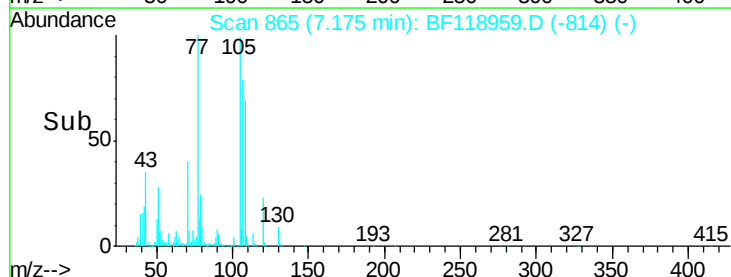


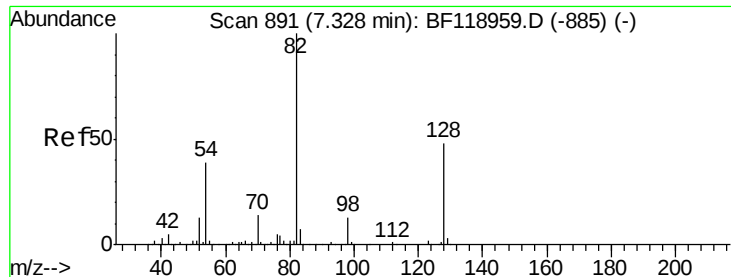
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

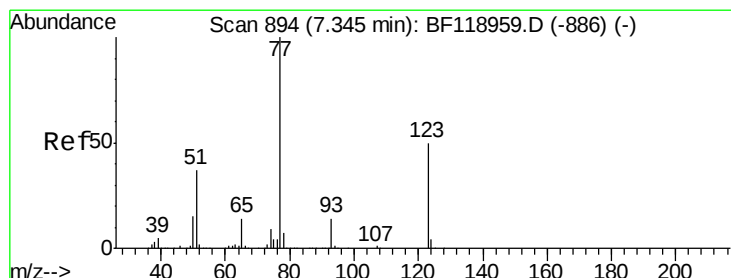
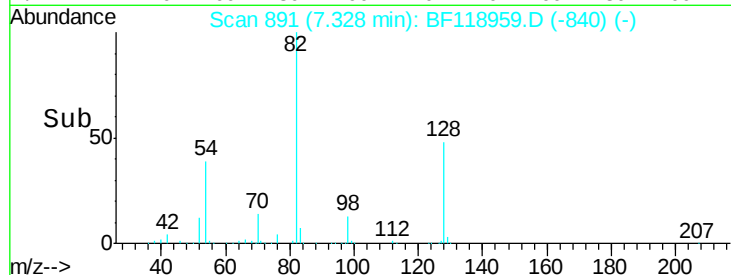
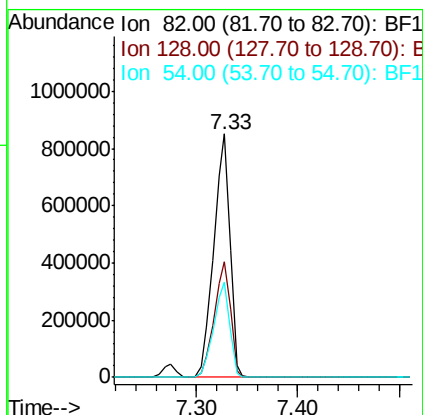
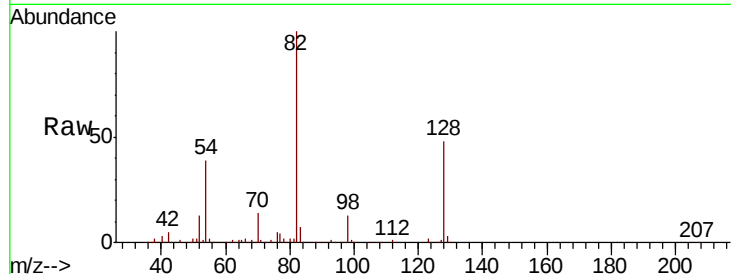




#23
 Nitrobenzene-d5
 Concen: 79.772 ng
 RT: 7.33 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

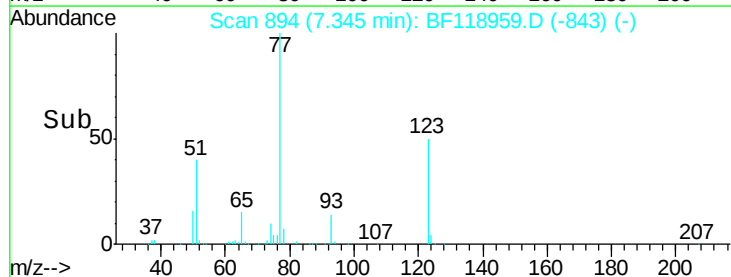
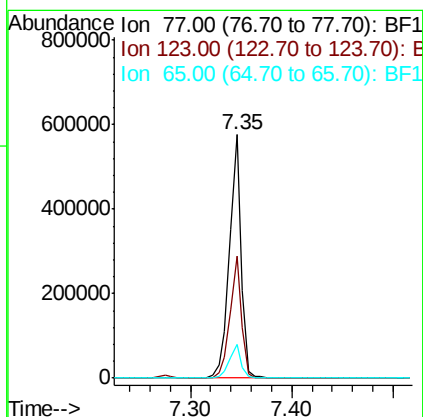
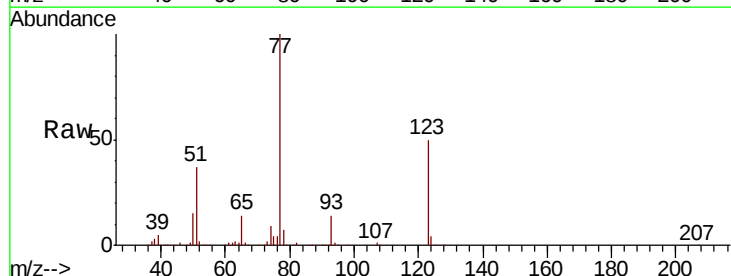
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	947803
Ion Ratio	Lower	Upper	
82	100		
128	47.7	38.2	57.2
54	39.1	31.3	46.9



#24
 Nitrobenzene
 Concen: 38.699 ng
 RT: 7.35 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

Tgt Ion	77	Resp	465598
Ion Ratio	Lower	Upper	
77	100		
123	50.1	40.1	60.1
65	13.6	10.9	16.3





#25

Isophorone

Concen: 38.108 ng

RT: 7.59 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

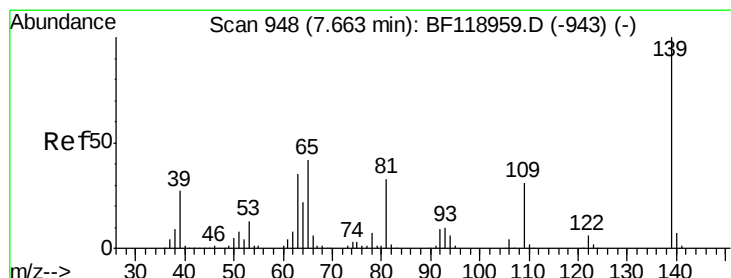
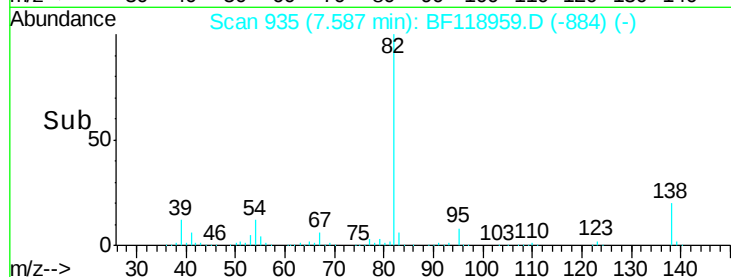
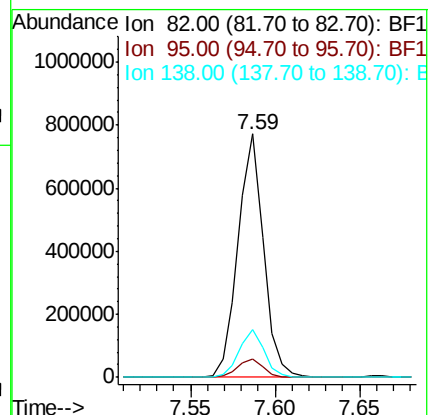
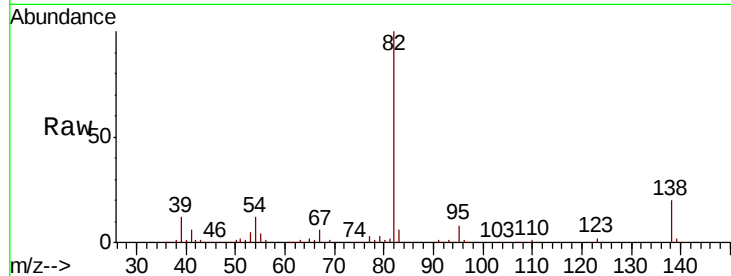
Tot Ion: 82 Resp: 810746

Ion Ratio Lower Upper

82 100

95 7.6 6.1 9.1

138 19.7 15.8 23.6



#26

2-Nitrophenol

Concen: 38.620 ng

RT: 7.66 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

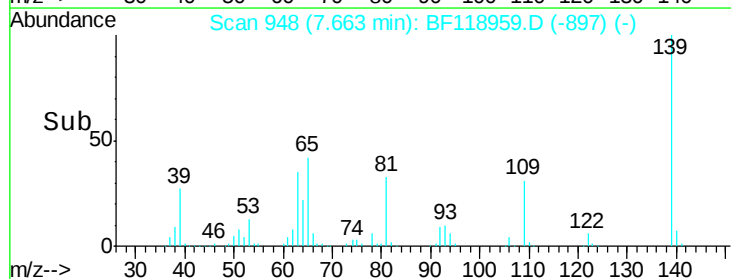
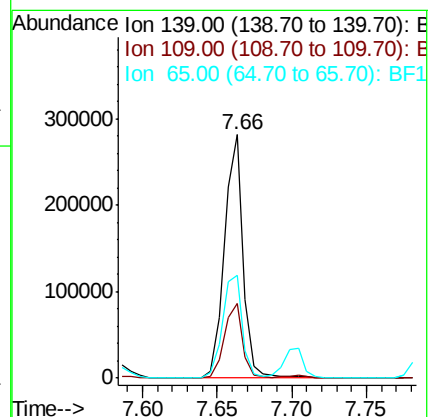
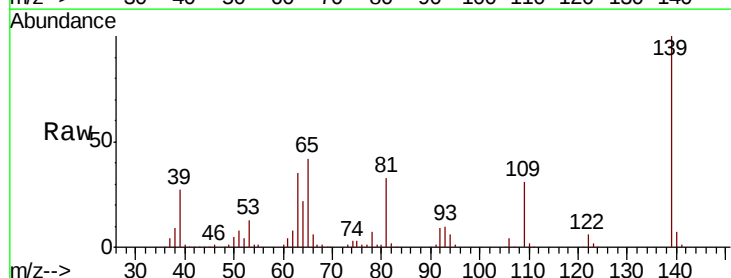
Tgt Ion: 139 Resp: 248145

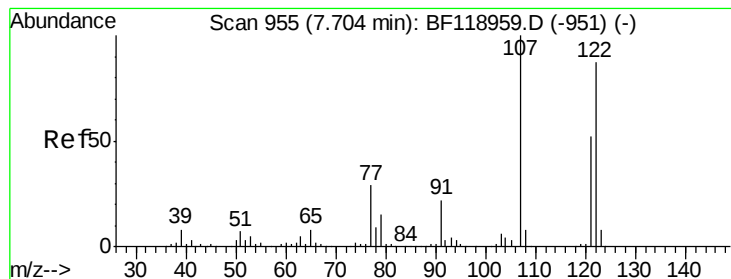
Ion Ratio Lower Upper

139 100

109 30.7 24.6 36.8

65 42.0 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 39.093 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

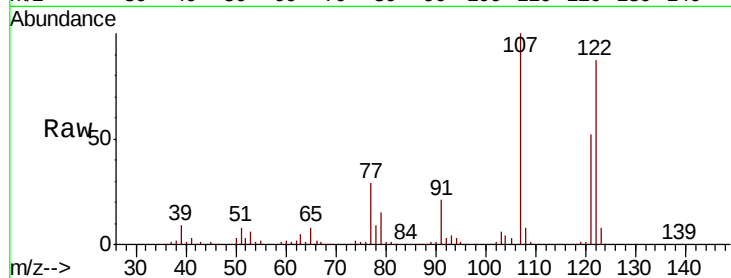
Tot Ion:122 Resp: 336166

Ion Ratio Lower Upper

122 100

107 114.8 91.8 137.8

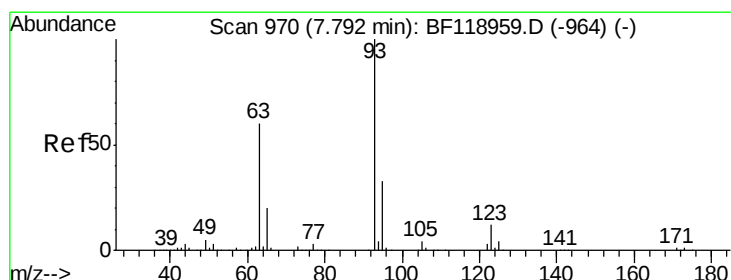
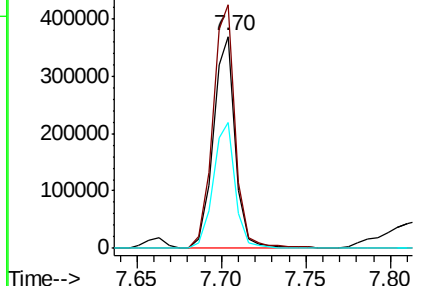
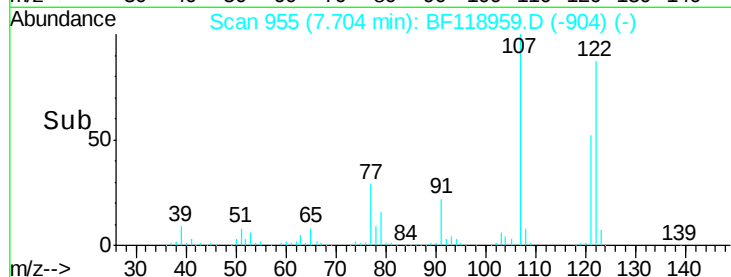
121 59.2 47.4 71.0



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: 38.417 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

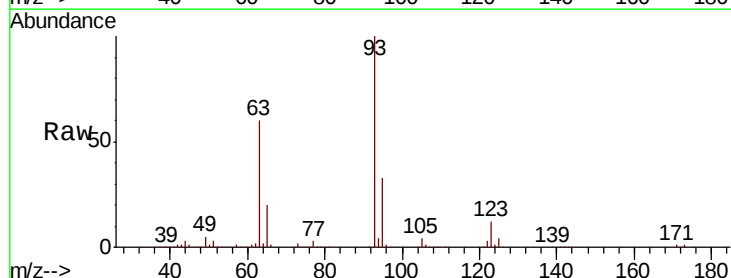
Tgt Ion: 93 Resp: 534664

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

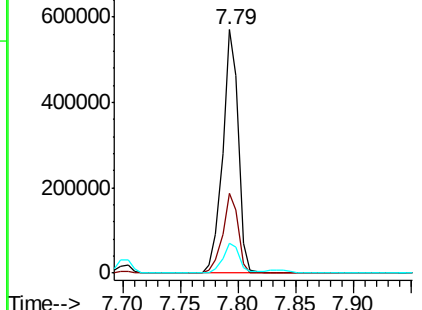
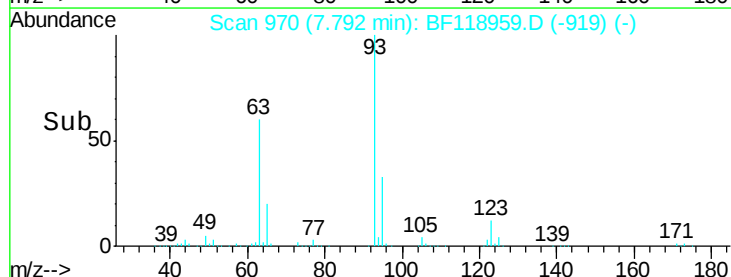
123 12.3 9.8 14.8

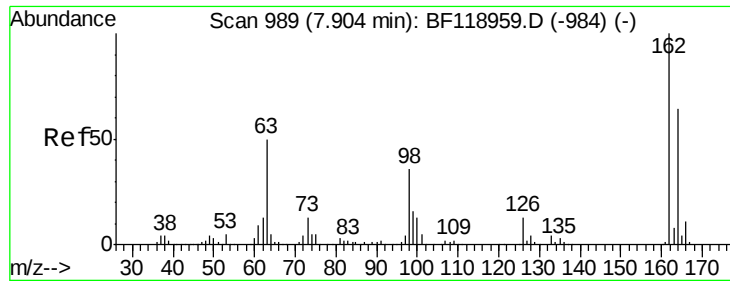


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

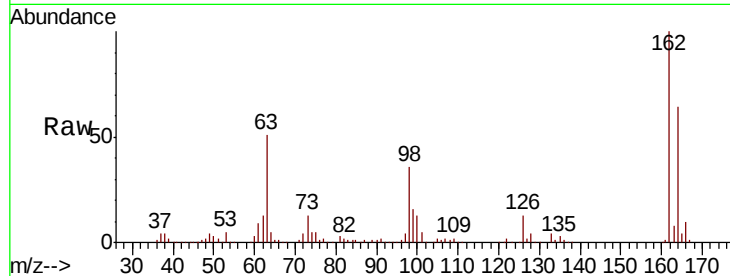




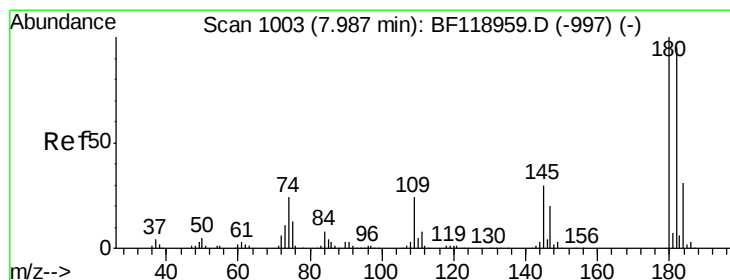
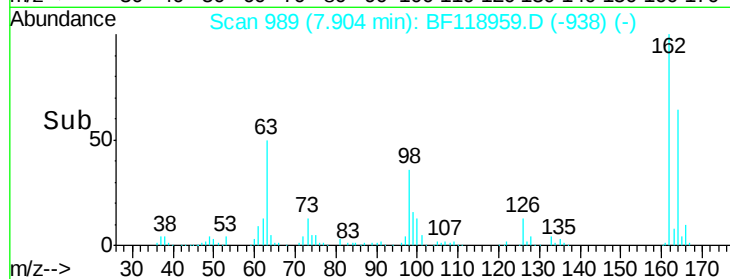
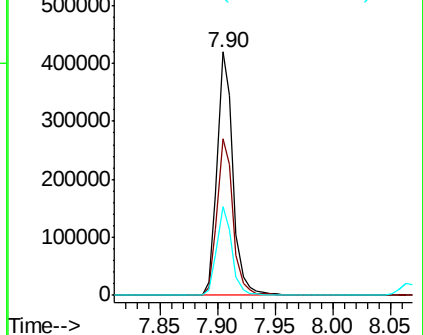
#29
2,4-Dichlorophenol
Concen: 39.127 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.1	84.1
98	36.4	16.4	56.4

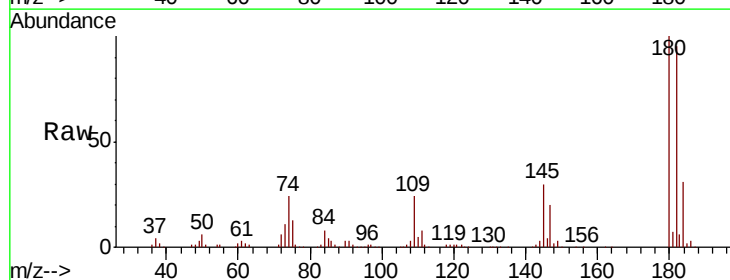


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

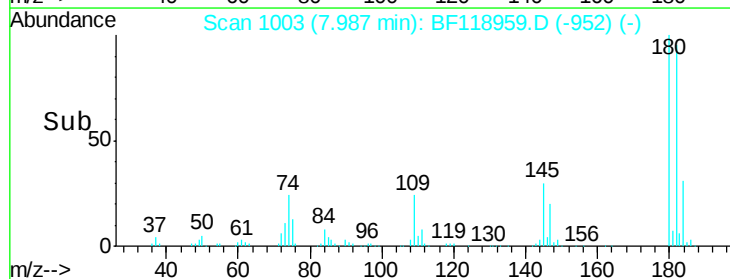
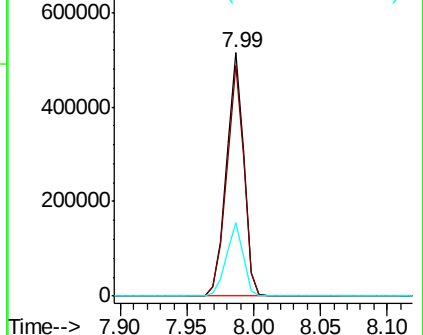


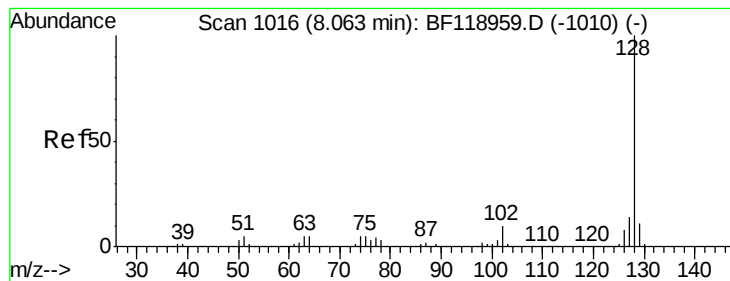
#30
1,2,4-Trichlorobenzene
Concen: 39.403 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.8
145	30.2	24.2	36.2



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: 39.178 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

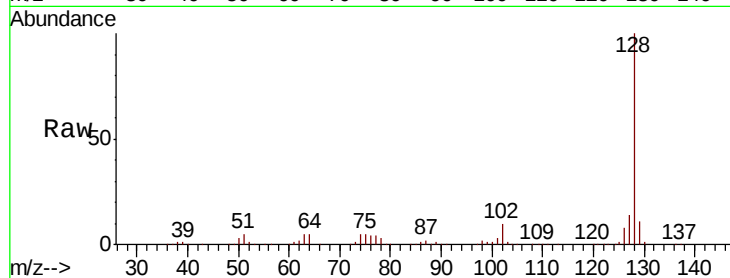
Tot Ion:128 Resp: 1312037

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

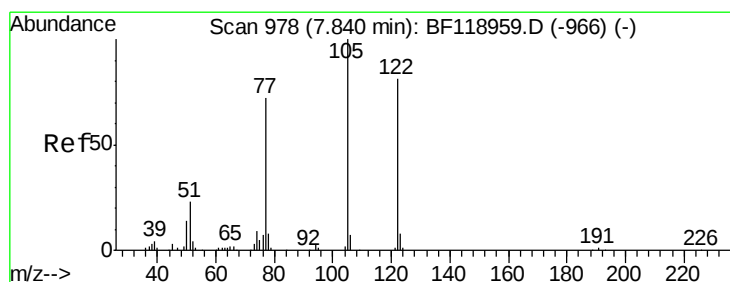
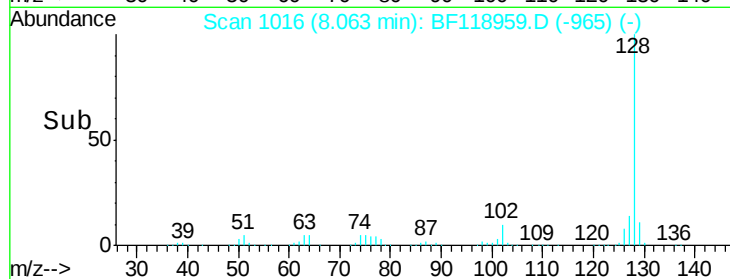
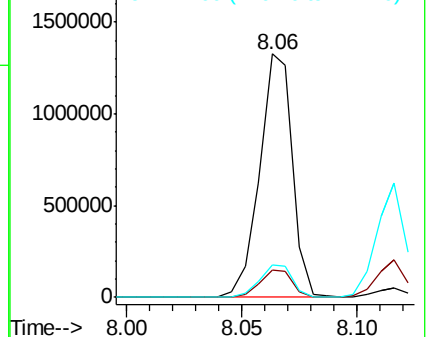
127 13.6 10.9 16.3



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: 36.431 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

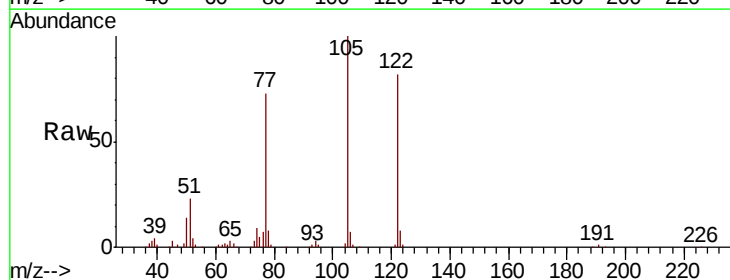
Tgt Ion:122 Resp: 226308

Ion Ratio Lower Upper

122 100

105 122.2 102.2 142.2

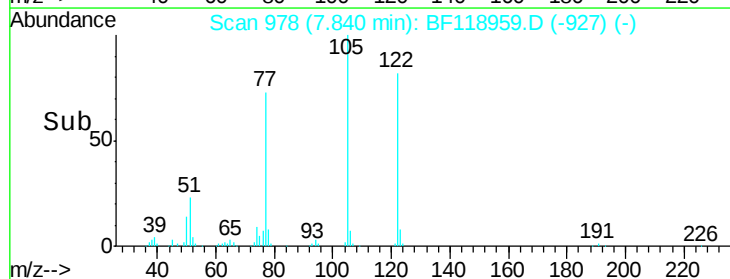
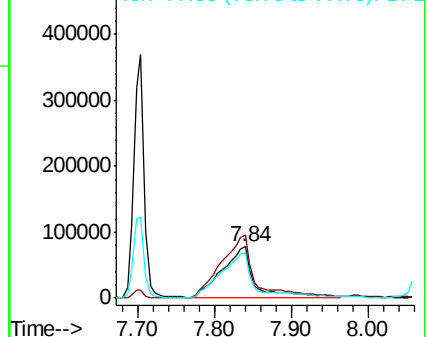
77 88.6 68.6 108.6



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

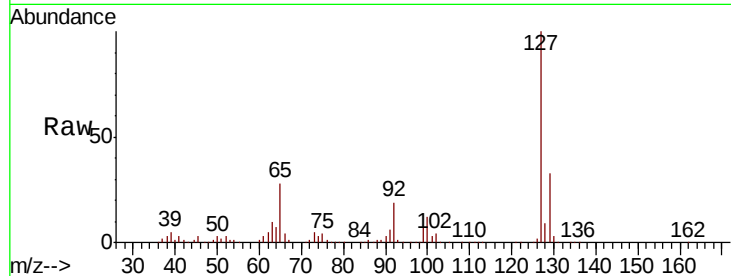




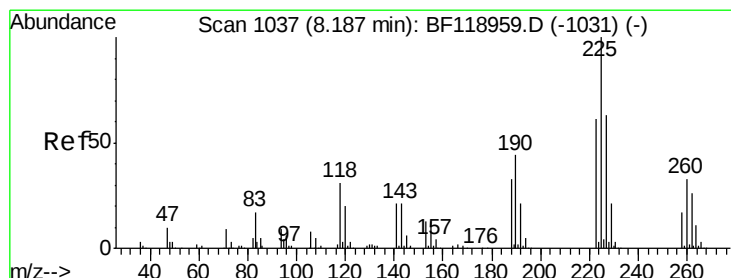
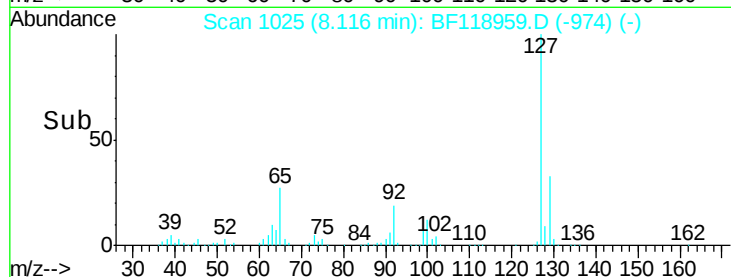
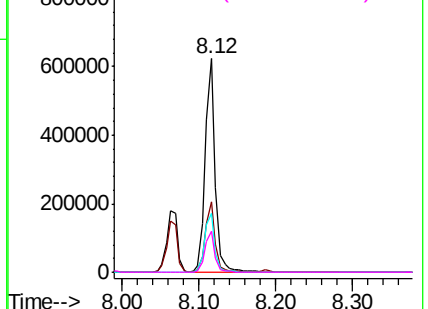
#33
4-Chloroaniline
Concen: 39.370 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	564468
Ion	Ratio	Lower Upper
127	100	
129	32.7	26.2 39.2
65	27.5	22.0 33.0
92	19.4	15.5 23.3

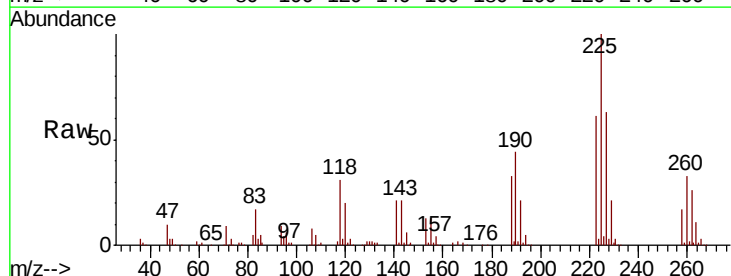


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

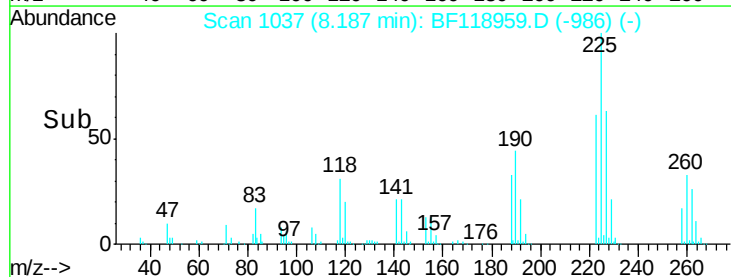
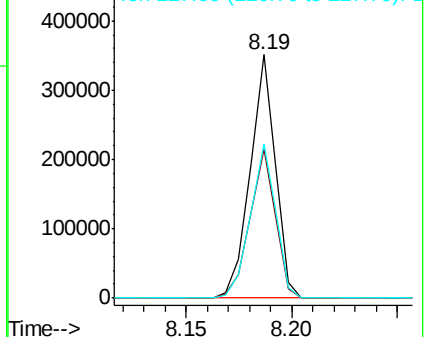


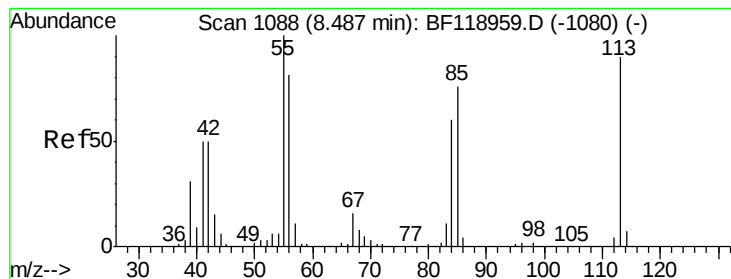
#34
Hexachlorobutadiene
Concen: 39.233 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion:225	Resp:	292044
Ion	Ratio	Lower Upper
225	100	
223	61.1	48.9 73.3
227	63.0	50.4 75.6



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: 40.029 ng

RT: 8.49 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

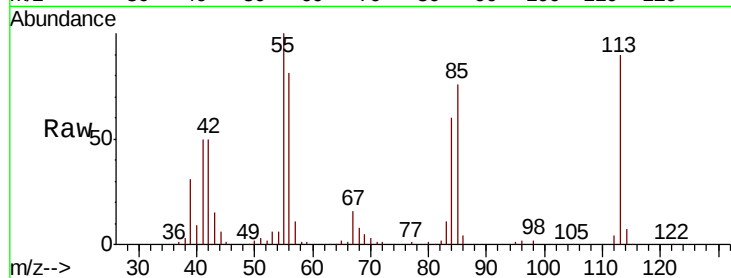
Tot Ion:113 Resp: 124204

Ion Ratio Lower Upper

113 100

55 110.8 90.8 130.8

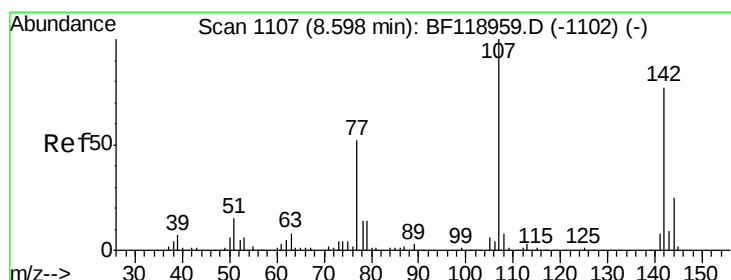
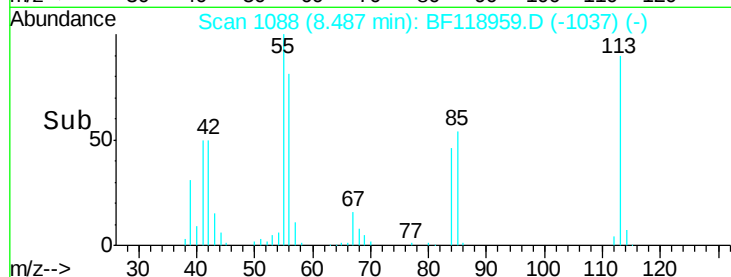
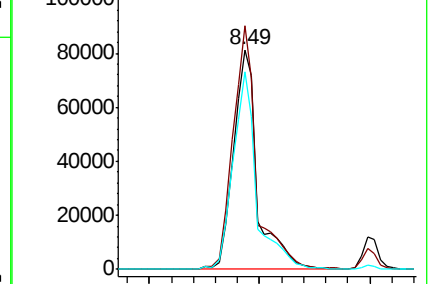
56 90.0 70.0 110.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.371 ng

RT: 8.60 min Scan# 1107

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

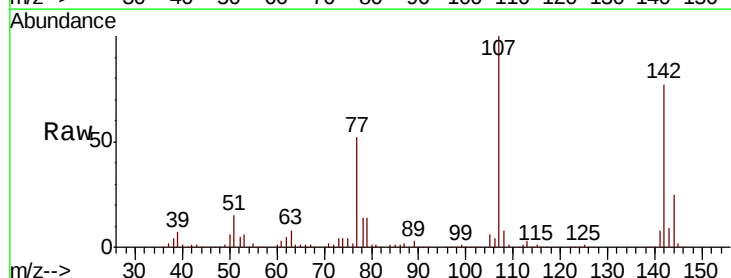
Tgt Ion:107 Resp: 403467

Ion Ratio Lower Upper

107 100

144 24.8 19.8 29.8

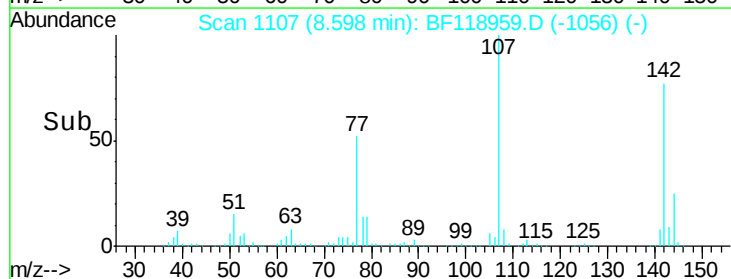
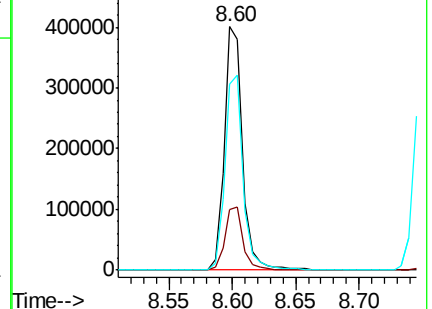
142 76.6 61.3 91.9

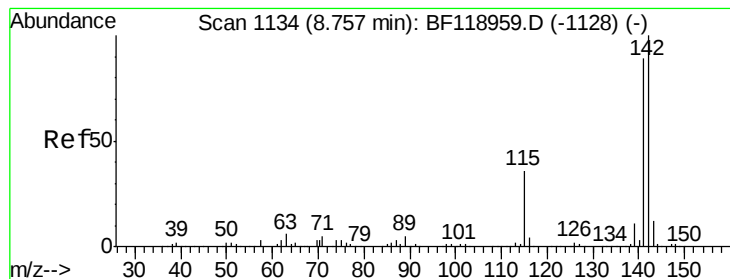


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.268 ng

RT: 8.76 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

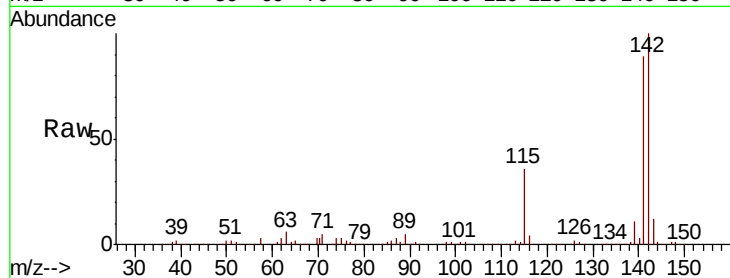
Tot Ion:142 Resp: 877230

Ion Ratio Lower Upper

142 100

141 88.7 71.0 106.4

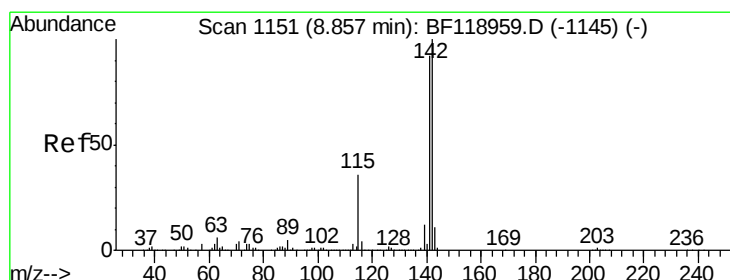
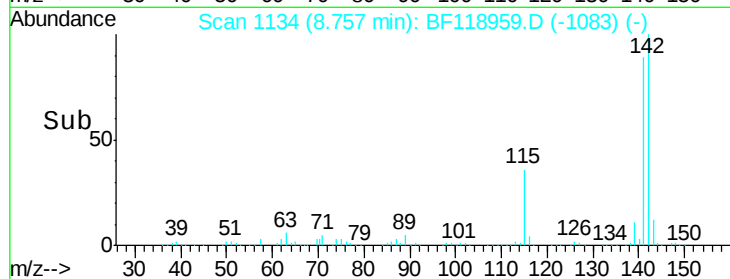
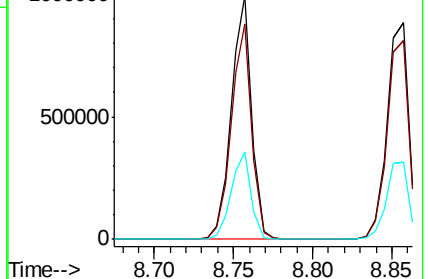
115 35.7 28.6 42.8



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: 39.679 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

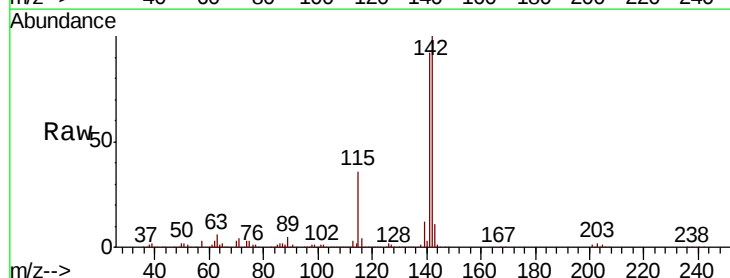
Tgt Ion:142 Resp: 831236

Ion Ratio Lower Upper

142 100

141 92.1 73.7 110.5

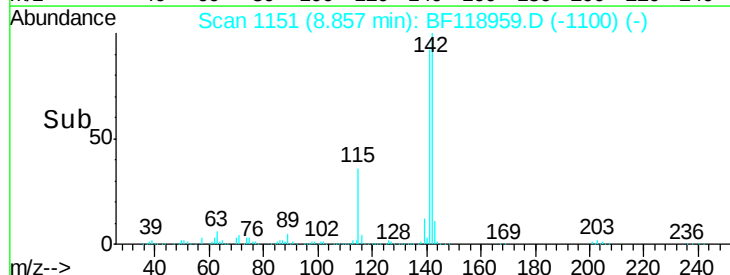
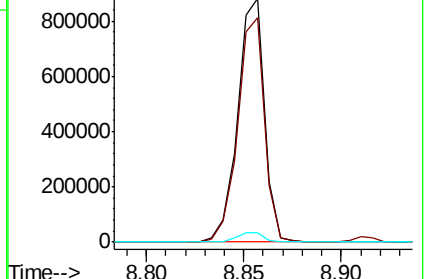
116 3.8 3.0 4.6

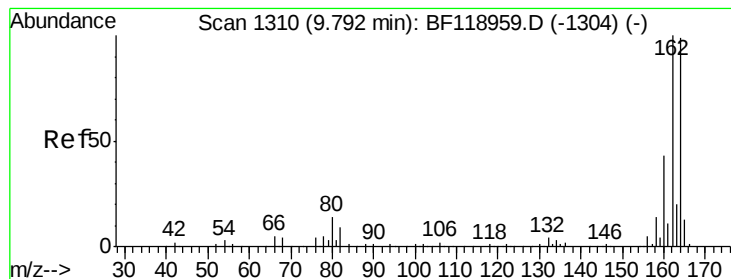


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

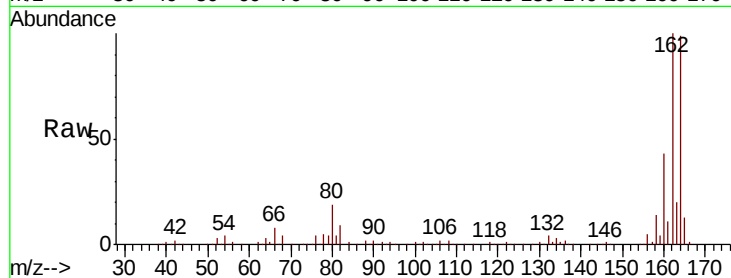
Tot Ion:164 Resp: 365617

Ion Ratio Lower Upper

164 100

162 101.5 81.2 121.8

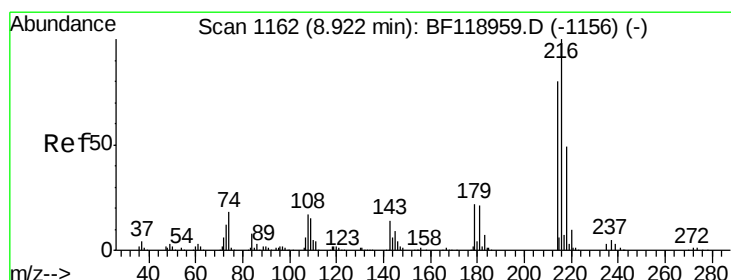
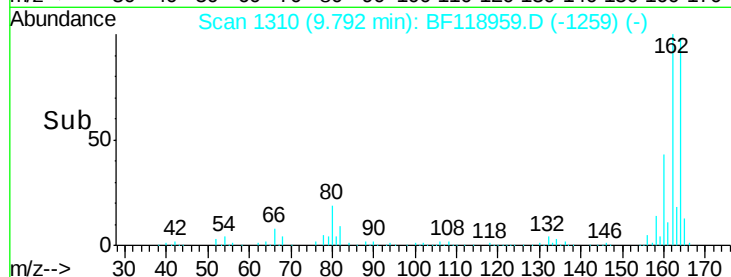
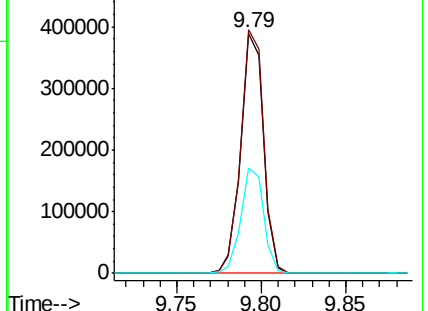
160 44.0 35.2 52.8



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: 39.338 ng

RT: 8.92 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Tgt Ion:216 Resp: 461417

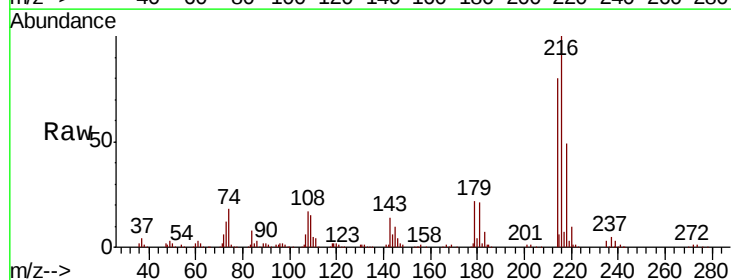
Ion Ratio Lower Upper

216 100

214 78.9 63.1 94.7

179 21.5 17.2 25.8

108 16.7 13.4 20.0

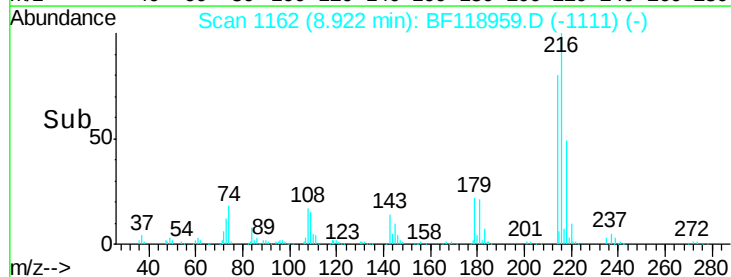
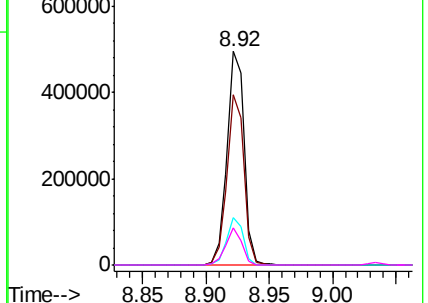


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.335 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

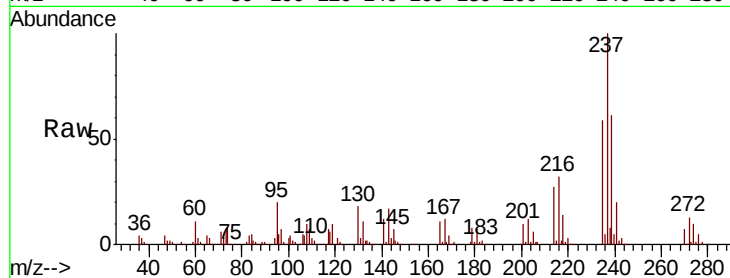
Tot Ion:237 Resp: 134921

Ion Ratio Lower Upper

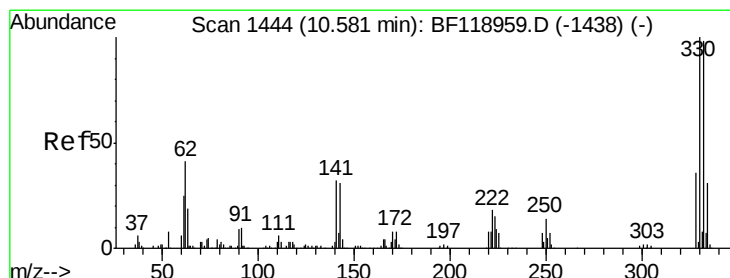
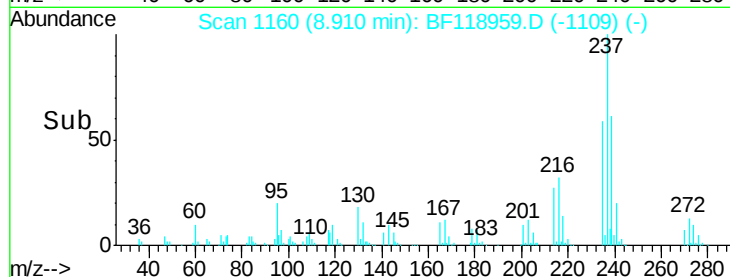
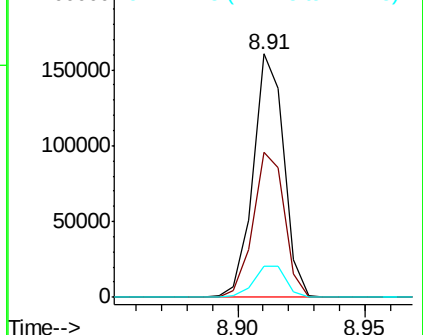
237 100

235 59.4 39.4 79.4

272 12.6 0.0 32.6



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: 79.238 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

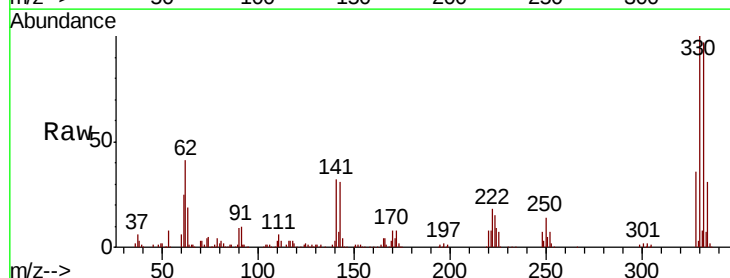
Tgt Ion:330 Resp: 358898

Ion Ratio Lower Upper

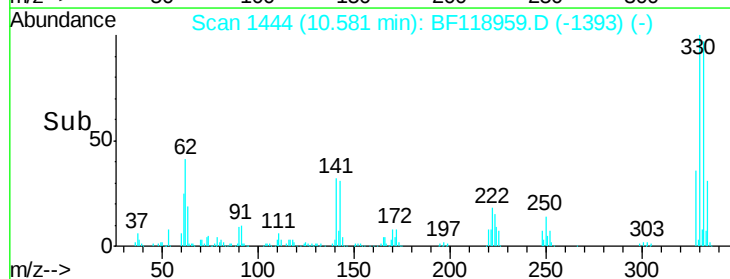
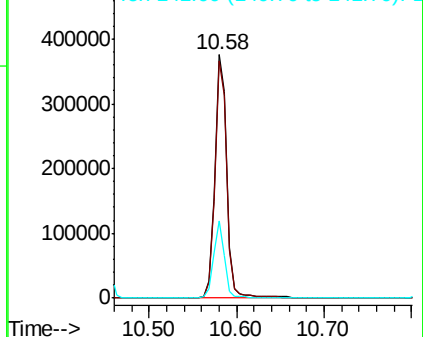
330 100

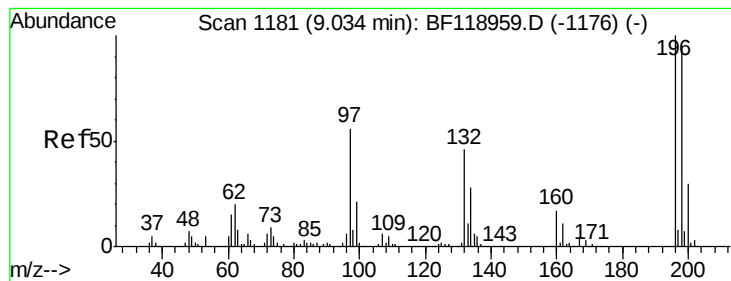
332 96.4 77.1 115.7

141 28.8 23.0 34.6



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: 37.705 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampled :

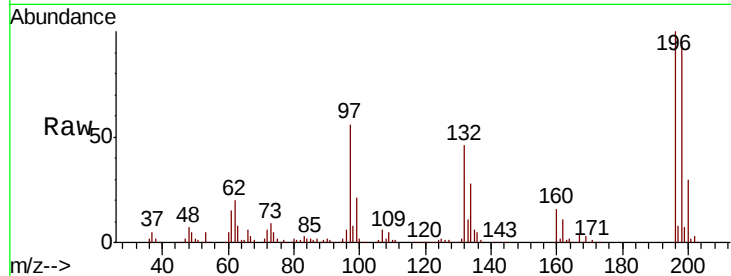
Tot Ion:196 Resp: 291859

Ion Ratio Lower Upper

196 100

198 94.7 75.8 113.6

200 30.1 24.1 36.1

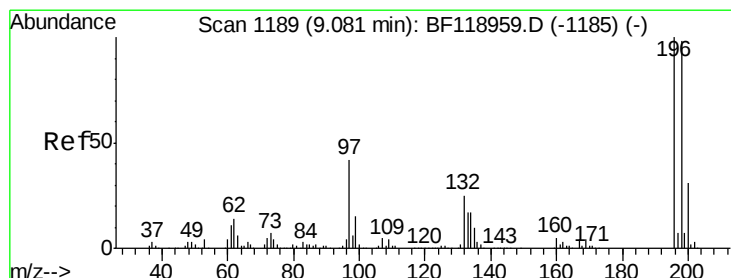
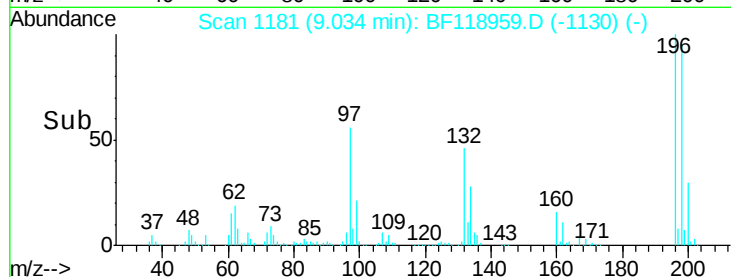
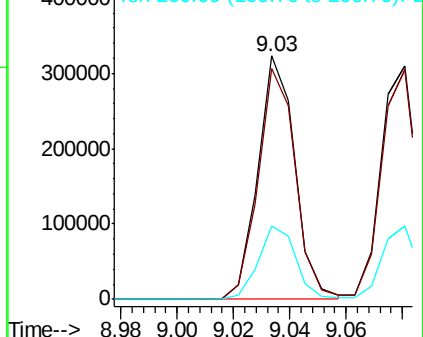


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 38.407 ng

RT: 9.08 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Tgt Ion:196 Resp: 308243

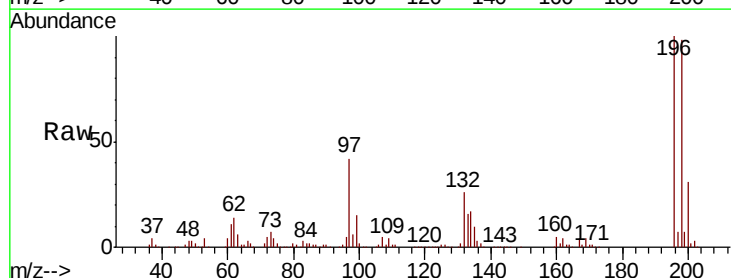
Ion Ratio Lower Upper

196 100

198 98.0 78.4 117.6

97 41.7 33.4 50.0

132 25.7 20.6 30.8



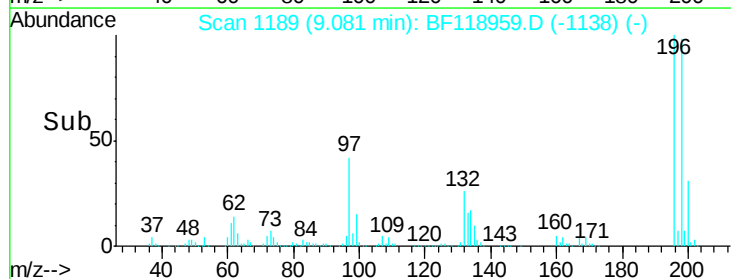
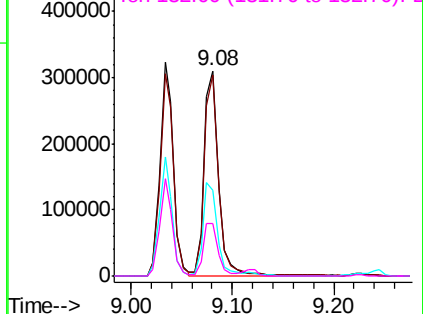
Abundance

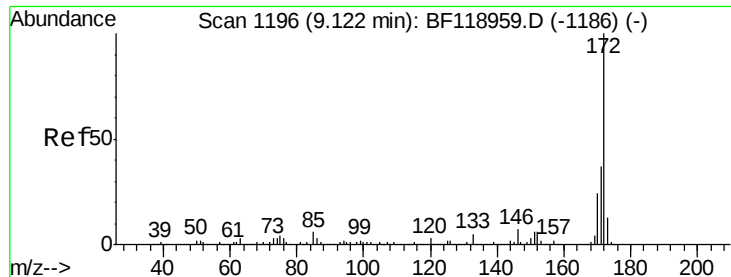
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

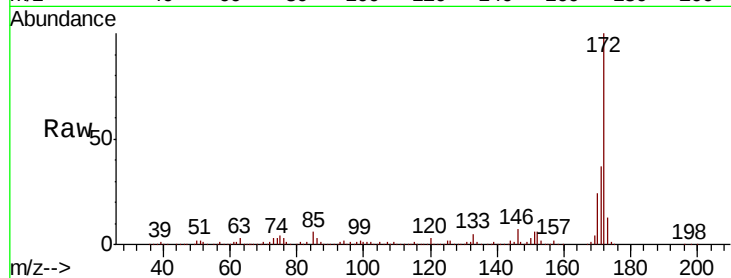




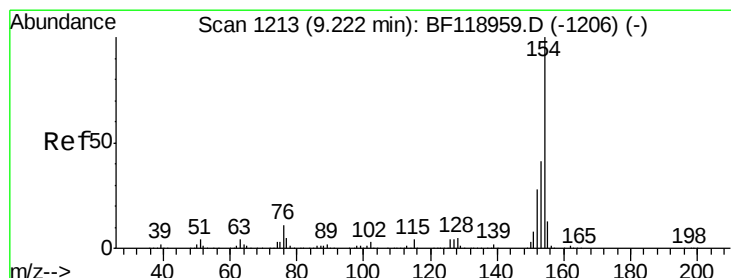
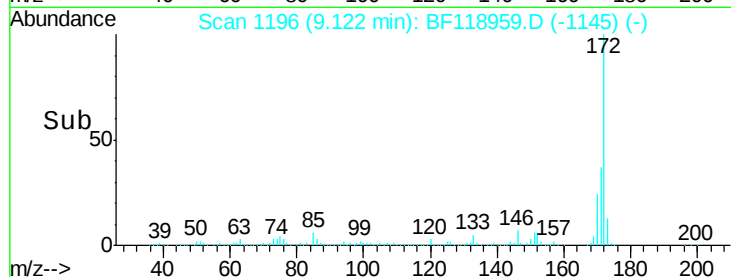
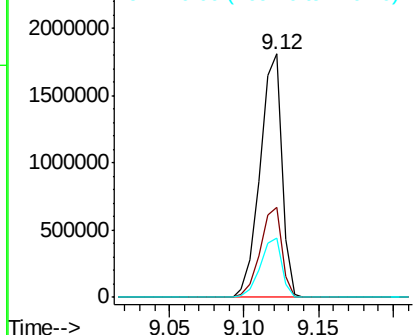
#45
2-Fluorobiphenyl
Concen: 80.110 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1813281
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.2
170 24.5 19.6 29.4

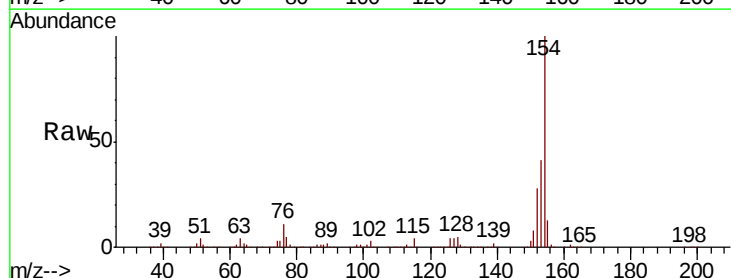


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

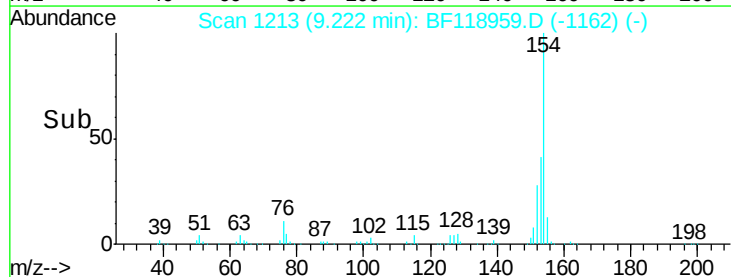
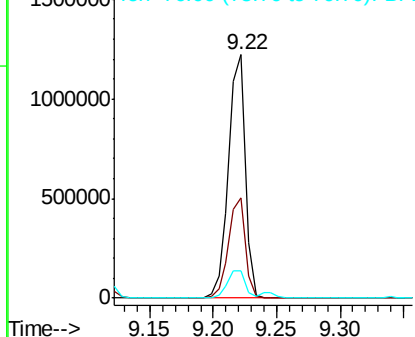


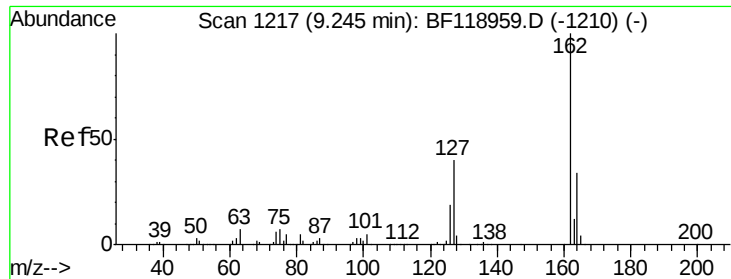
#46
1,1'-Biphenyl
Concen: 39.856 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion:154 Resp: 1120275
Ion Ratio Lower Upper
154 100
153 41.2 21.2 61.2
76 11.1 0.0 31.1



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

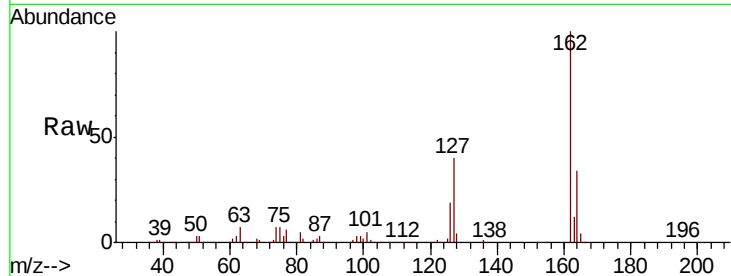




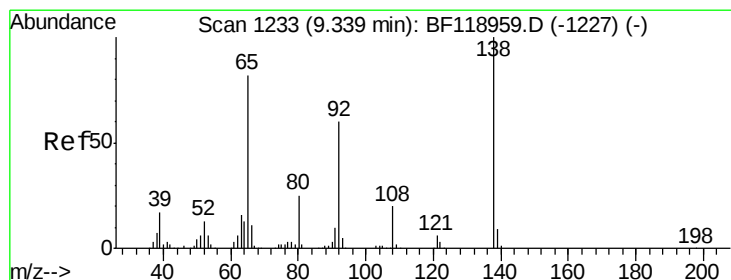
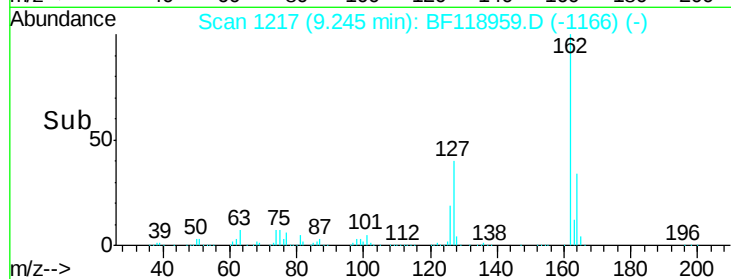
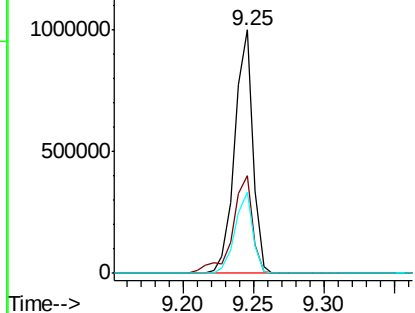
#47
 2-Chloronaphthalene
 Concen: 38.328 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.9	47.9
164	33.5	26.8	40.2

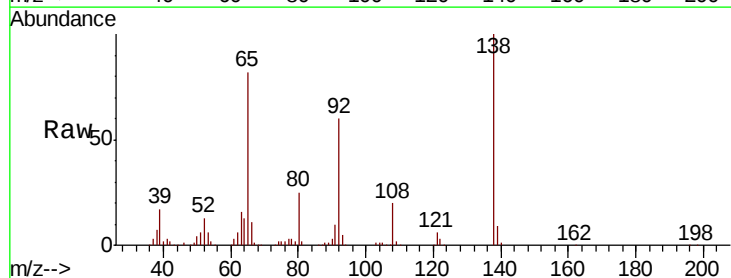


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

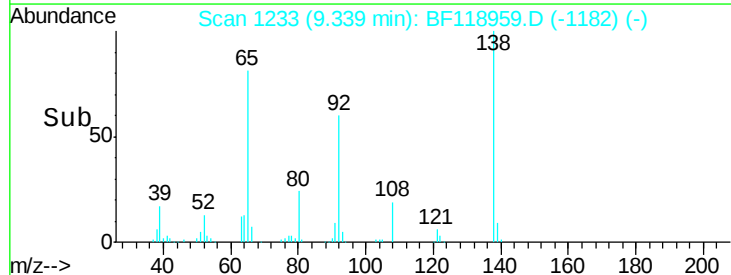
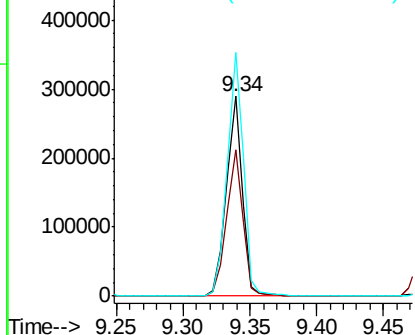


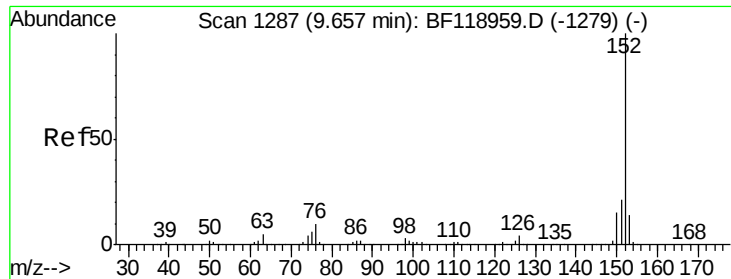
#48
 2-Nitroaniline
 Concen: 38.306 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.2	58.6	87.8
138	121.9	97.5	146.3



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: 39.139 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

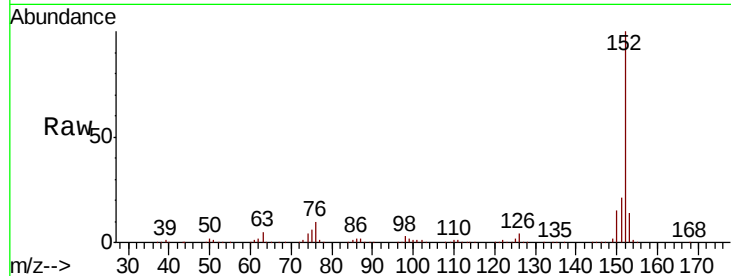
Tot Ion:152 Resp: 1303602

Ion Ratio Lower Upper

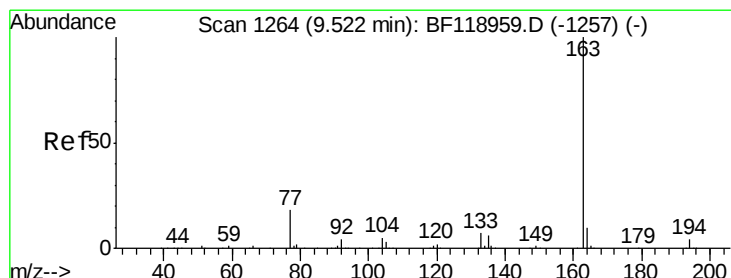
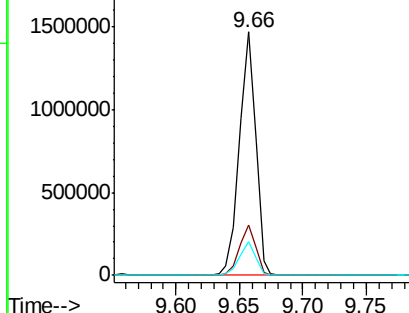
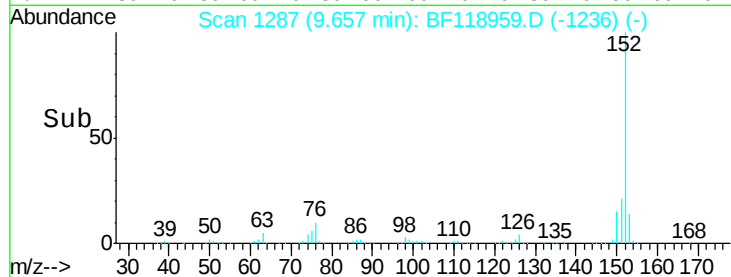
152 100

151 20.9 16.7 25.1

153 13.6 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
2000000 Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.531 ng

RT: 9.52 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

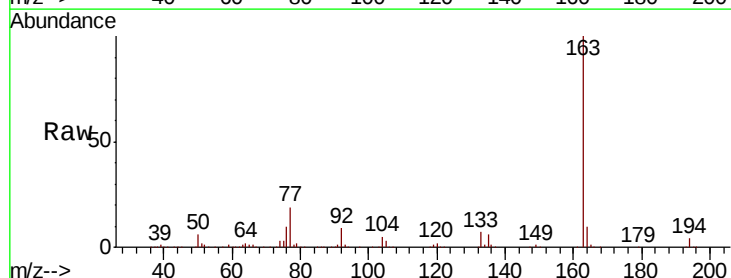
Tgt Ion:163 Resp: 1035991

Ion Ratio Lower Upper

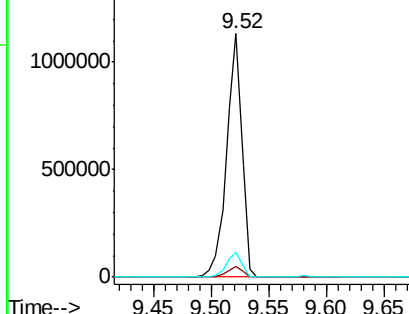
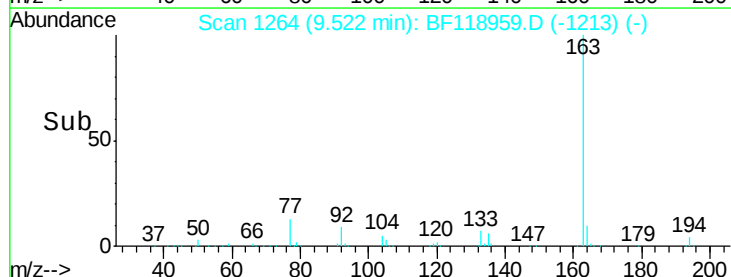
163 100

194 4.3 3.4 5.2

164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
1500000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

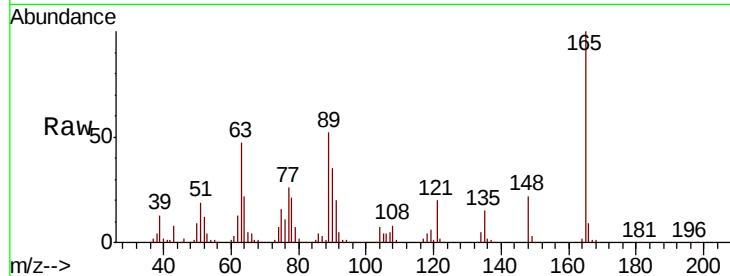




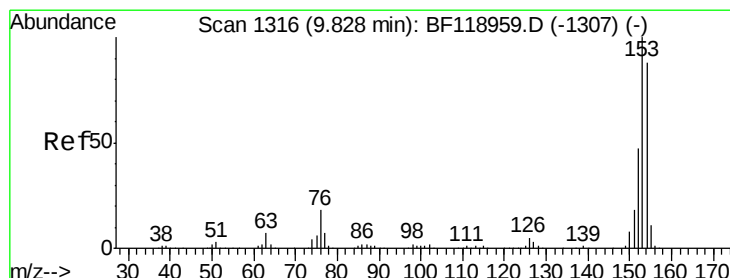
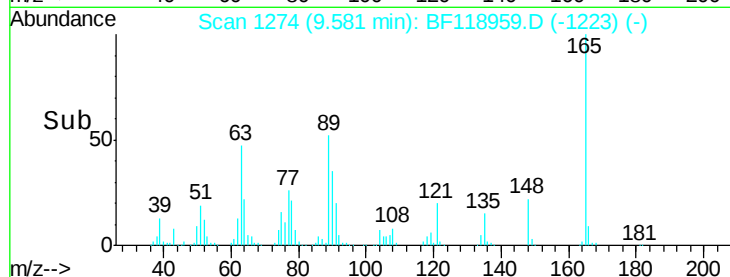
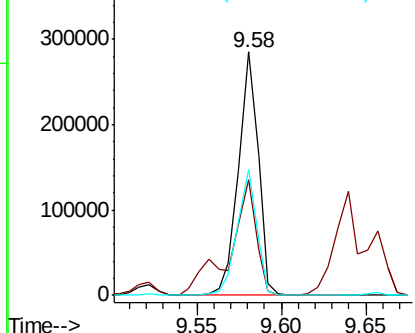
#51
2,6-Dinitrotoluene
Concen: 37.769 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.4	37.9	56.9
89	51.7	41.4	62.0

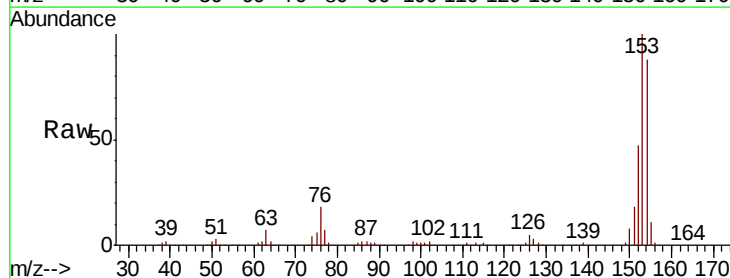


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

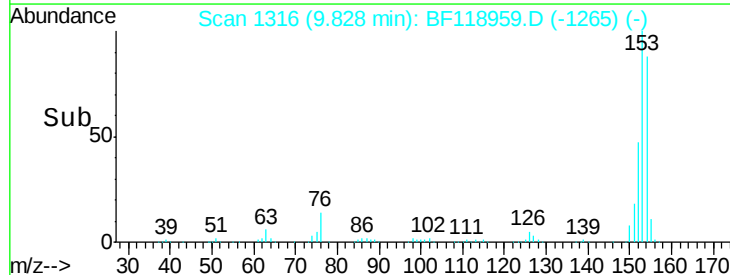
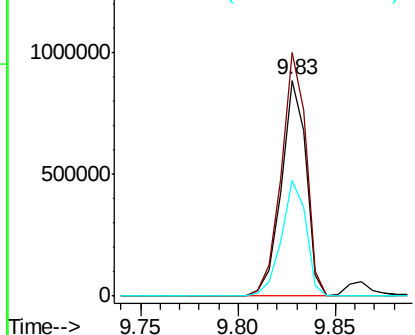


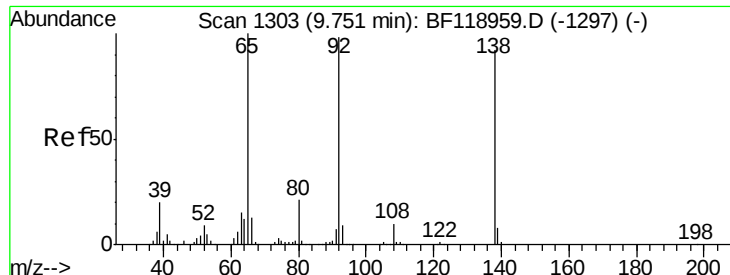
#52
Acenaphthene
Concen: 38.782 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.4	135.6
152	53.6	42.9	64.3



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

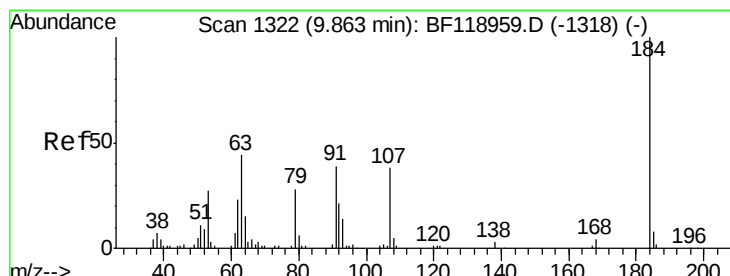
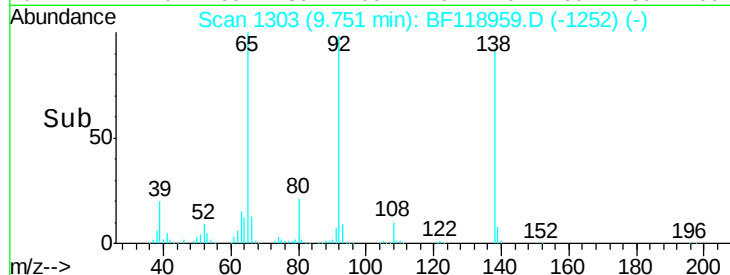
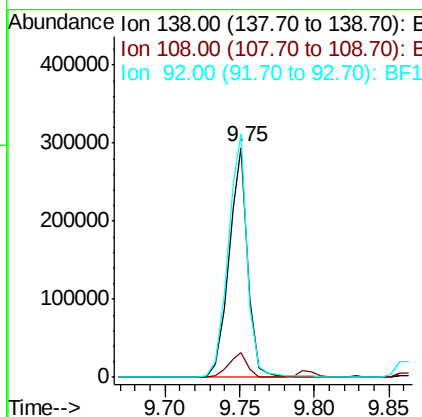
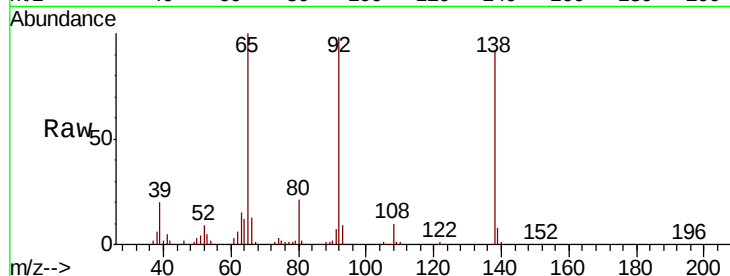




#53
 3-Nitroaniline
 Concen: 38.527 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

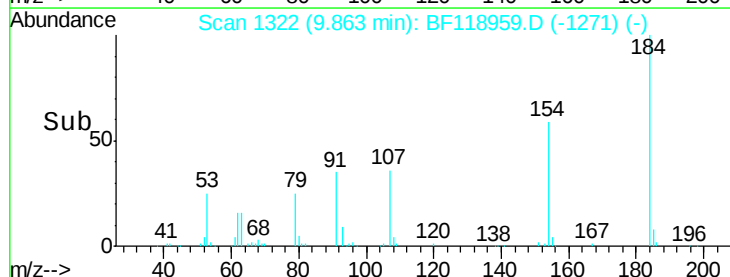
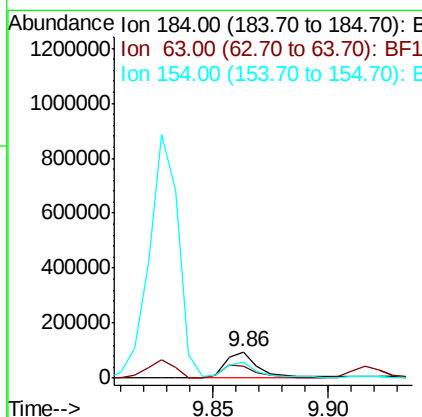
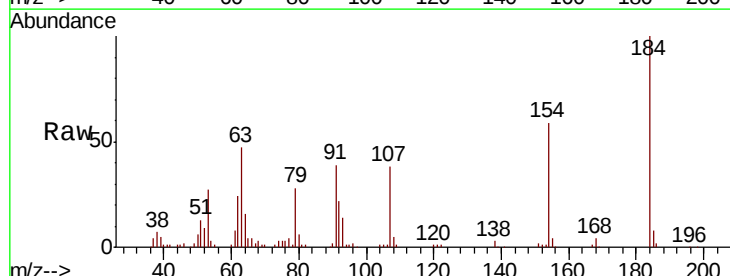
Instrument :
 BNA_F
 ClientSampleId :

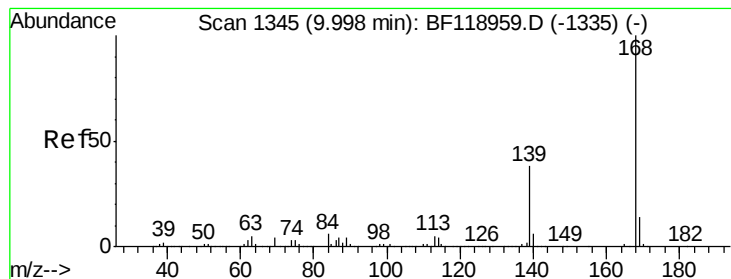
Tot Ion:138 Resp: 261423
 Ion Ratio Lower Upper
 138 100
 108 10.8 8.6 13.0
 92 105.8 84.6 127.0



#54
 2,4-Dinitrophenol
 Concen: 35.664 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

Tgt Ion:184 Resp: 97803
 Ion Ratio Lower Upper
 184 100
 63 47.2 37.8 56.6
 154 59.5 47.6 71.4





#55

Dibenzenofuran

Concen: 39.301 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

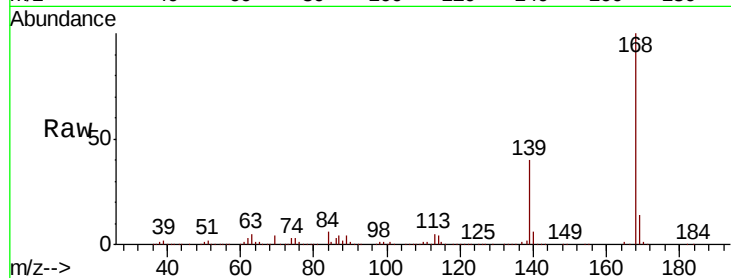
Tot Ion:168 Resp: 1189458

Ion Ratio Lower Upper

168 100

139 39.6 31.7 47.5

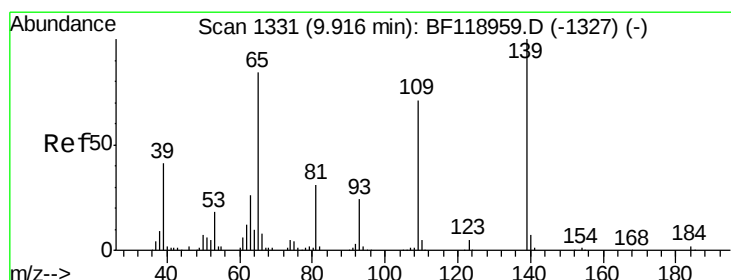
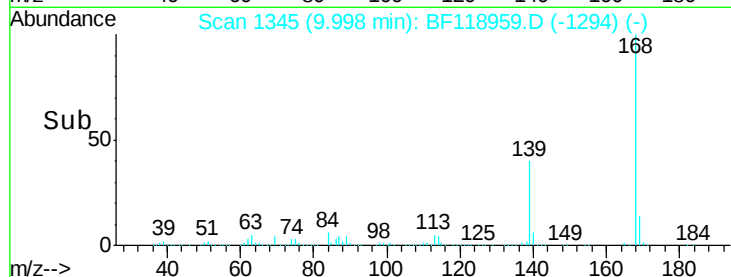
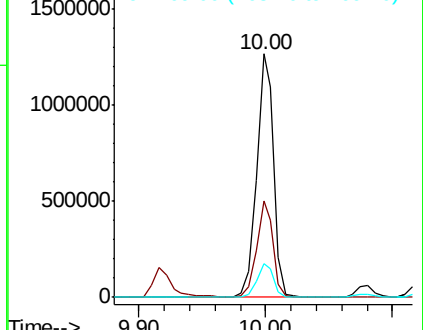
169 13.7 11.0 16.4



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: 38.082 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

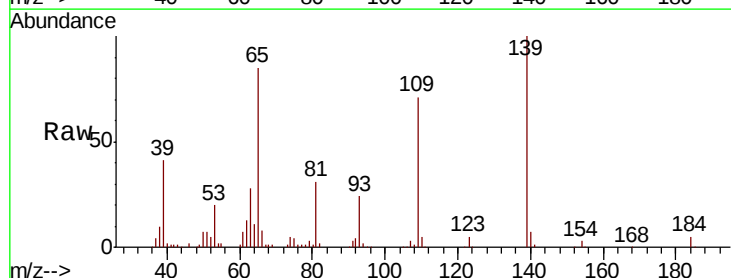
Tgt Ion:139 Resp: 159184

Ion Ratio Lower Upper

139 100

109 71.1 51.1 91.1

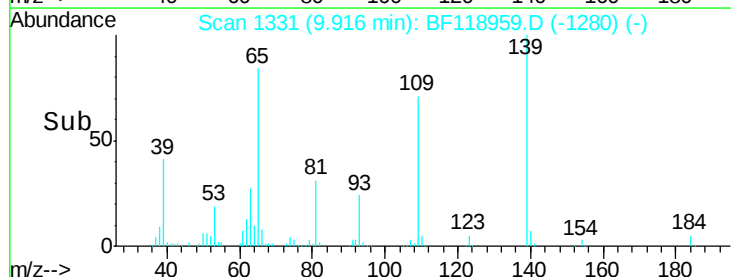
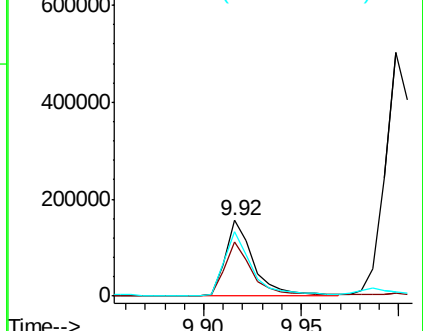
65 84.7 64.7 104.7

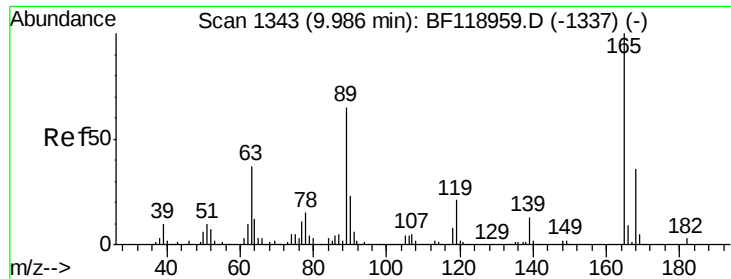


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

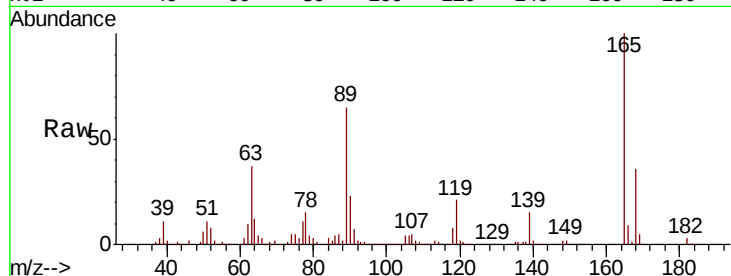




#57
 2,4-Dinitrotoluene
 Concen: 38.775 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165	Resp:	309255
Ion Ratio	Lower	Upper
165	100	
63	37.3	29.8 44.8
89	64.9	51.9 77.9
182	2.9	2.3 3.5

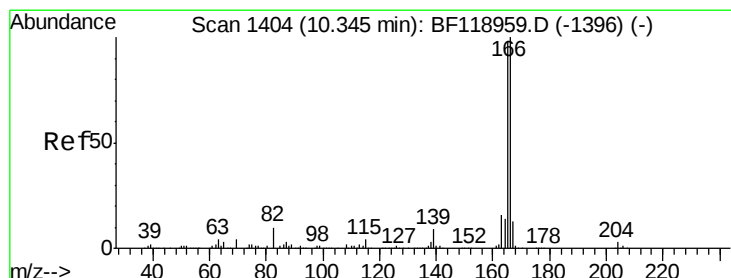
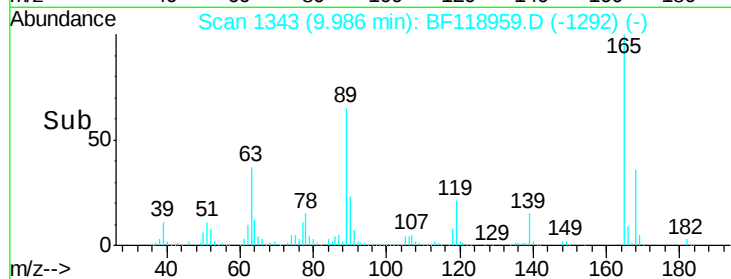
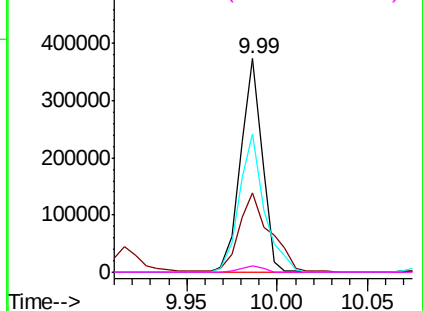


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

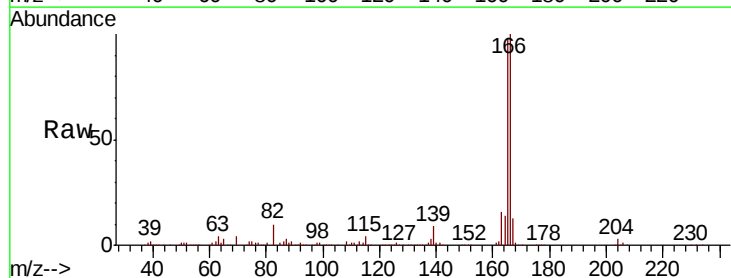
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 39.083 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

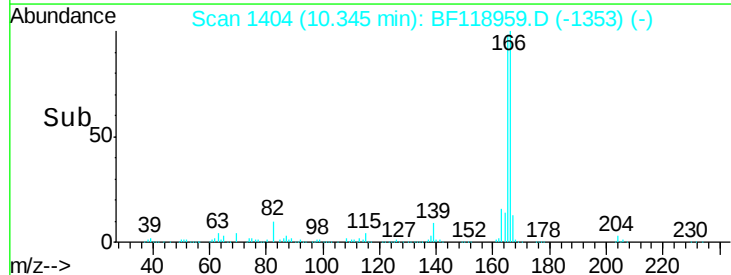
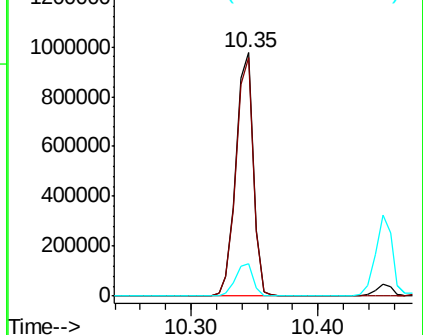
Tgt Ion:166	Resp:	916708
Ion Ratio	Lower	Upper
166	100	
165	97.8	78.2 117.4
167	13.3	10.6 16.0

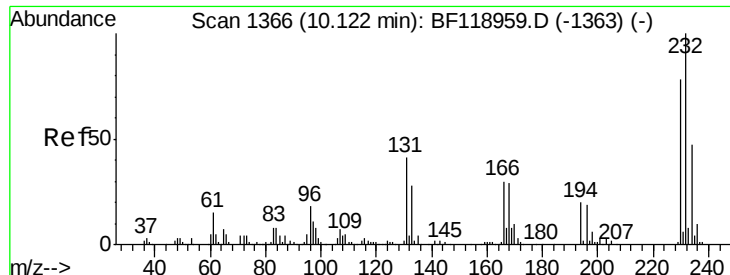


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

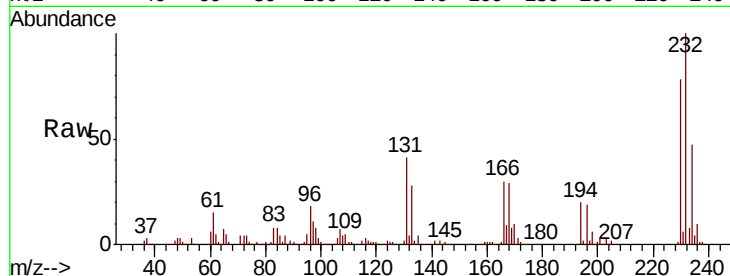




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.090 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.5	34.0	51.0
130	2.0	1.6	2.4
166	29.5	23.6	35.4

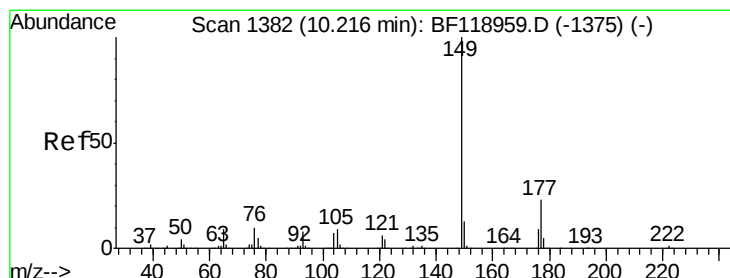
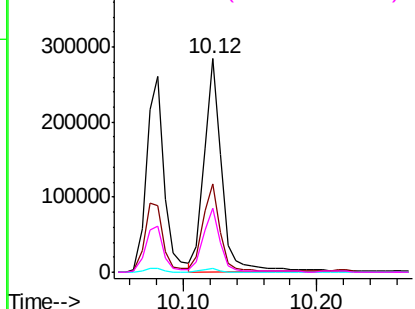
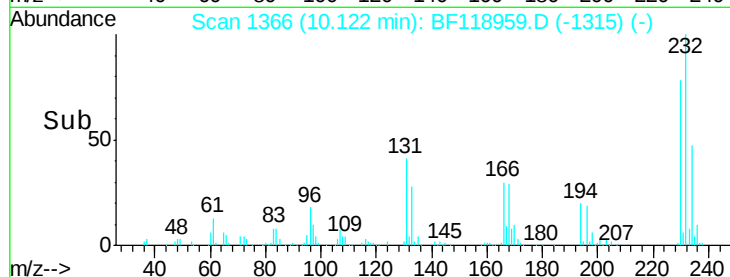


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

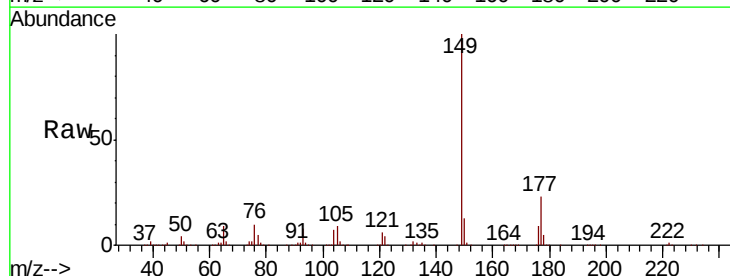
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.182 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

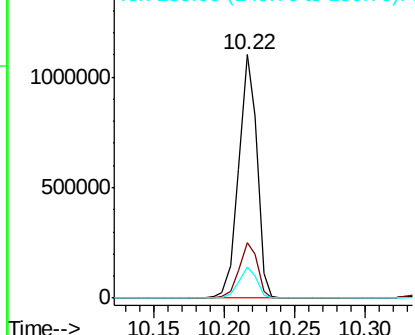
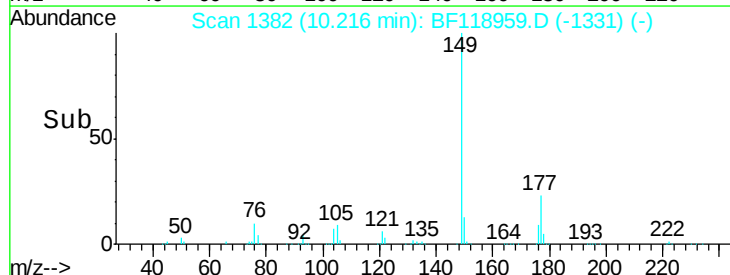
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.1	27.1
150	13.0	10.4	15.6



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

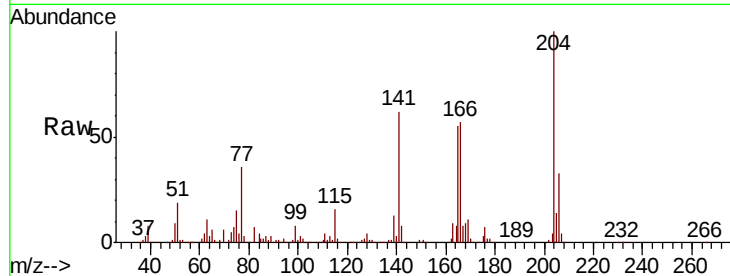




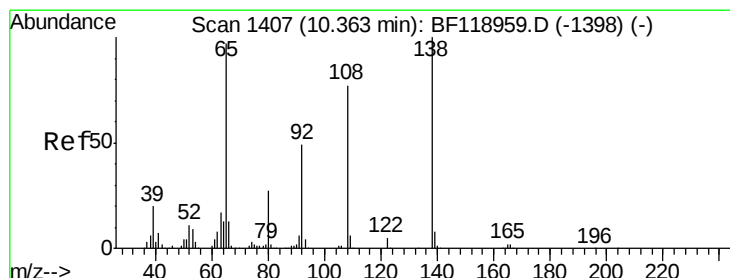
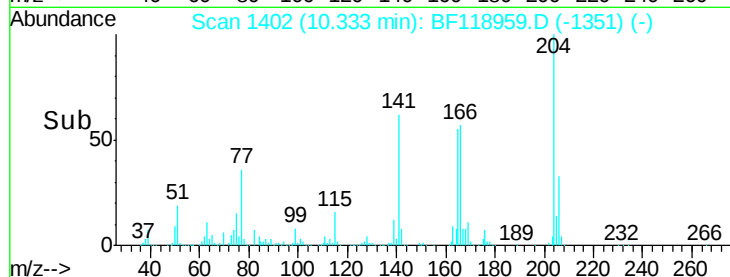
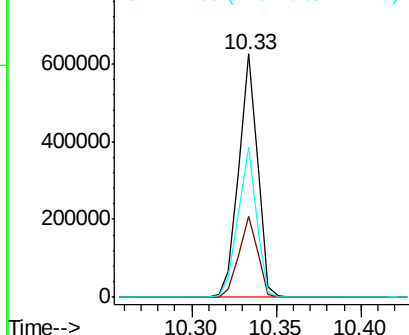
#61
 4-Chlorophenyl-phenylether
 Concen: 38.765 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	61.9	49.5	74.3

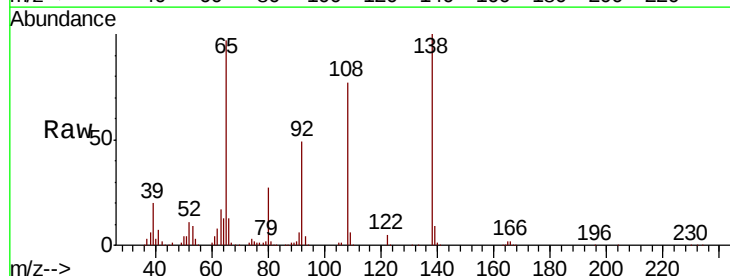


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

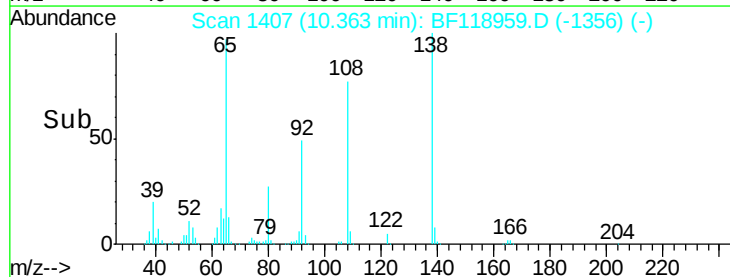
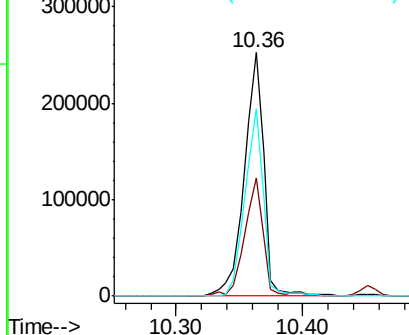


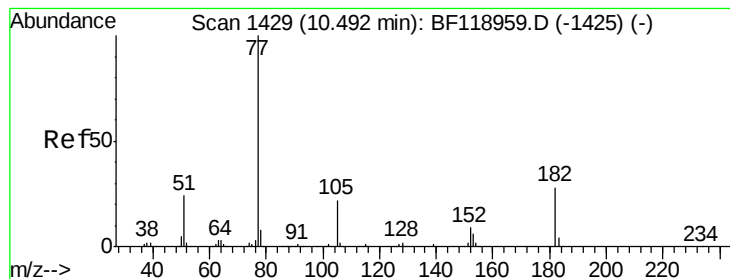
#62
 4-Nitroaniline
 Concen: 38.282 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	28.7	68.7
108	76.8	56.8	96.8



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: 37.544 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 859191

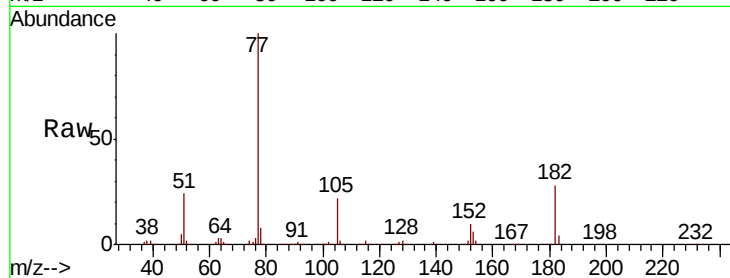
Ion Ratio Lower Upper

77 100

182 28.2 8.2 48.2

105 22.3 2.3 42.3

51 23.6 3.6 43.6

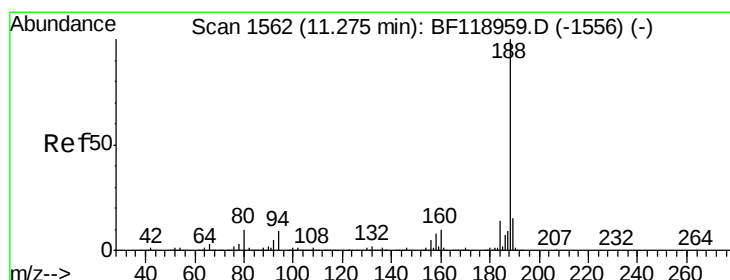
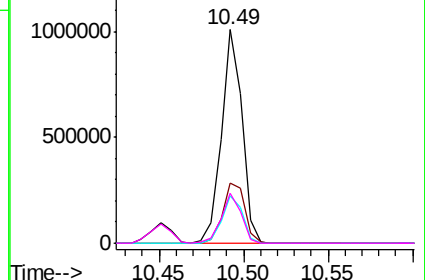
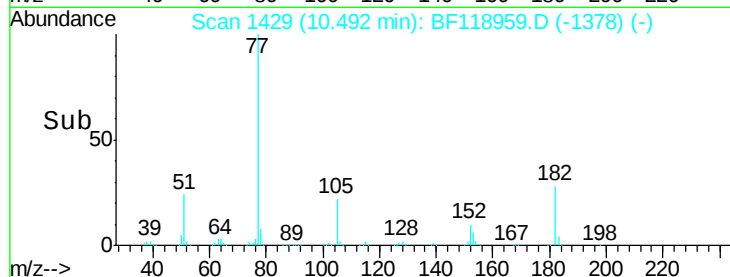


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

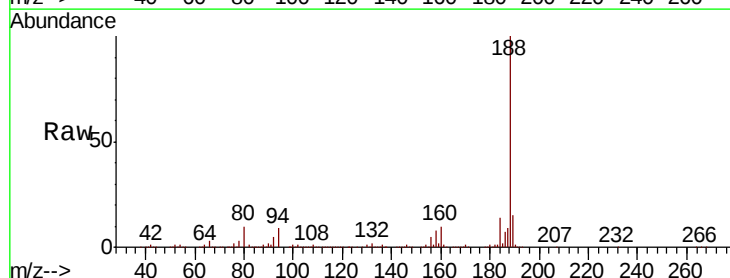
Tgt Ion: 188 Resp: 669533

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

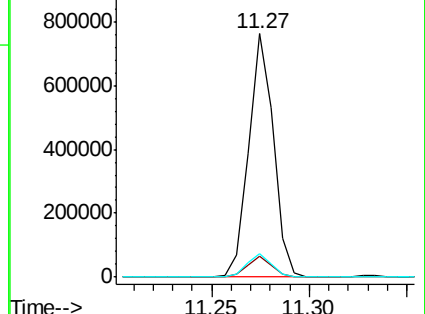
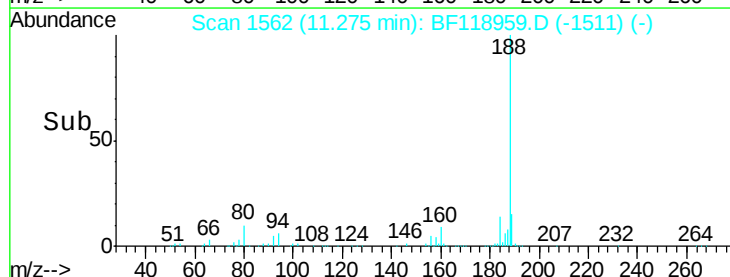
80 9.9 7.9 11.9



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

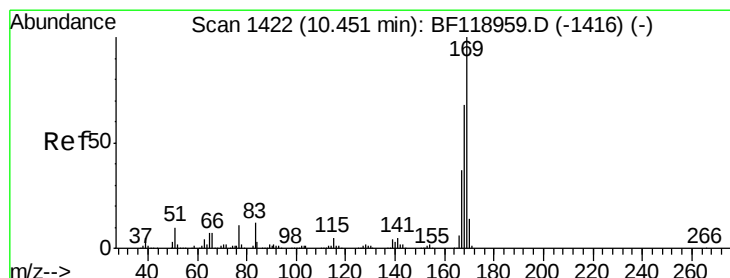
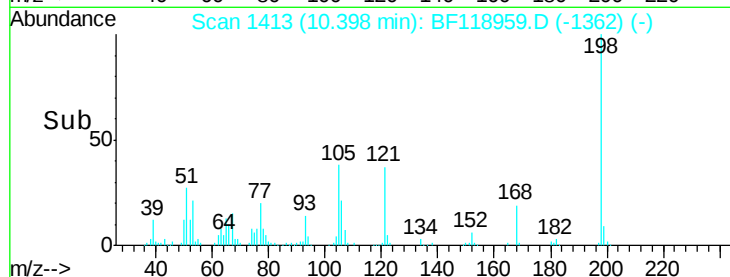
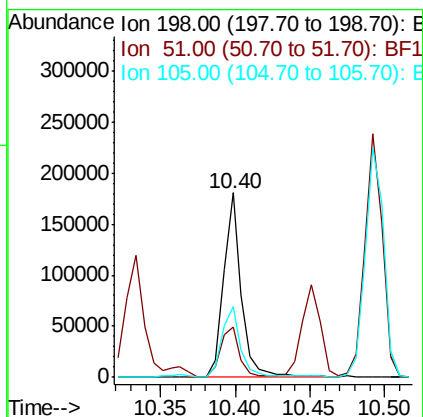
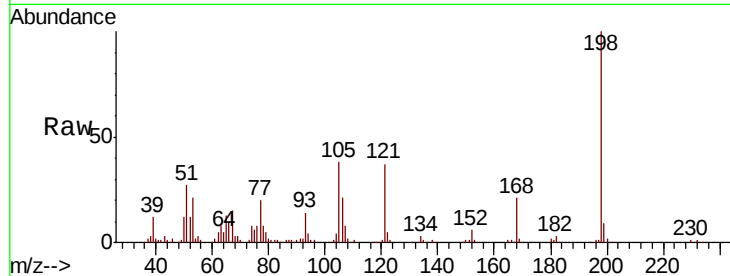




#65
4,6-Dinitro-2-methylphenol
Concen: 36.839 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

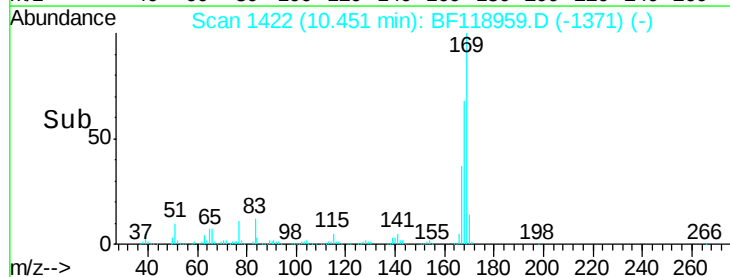
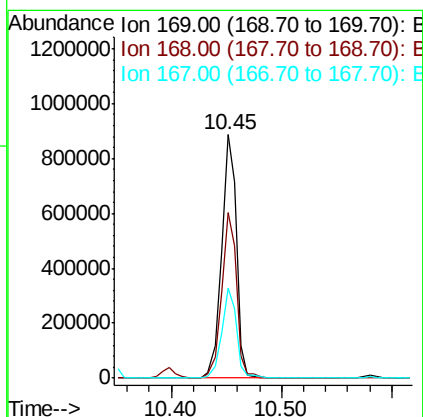
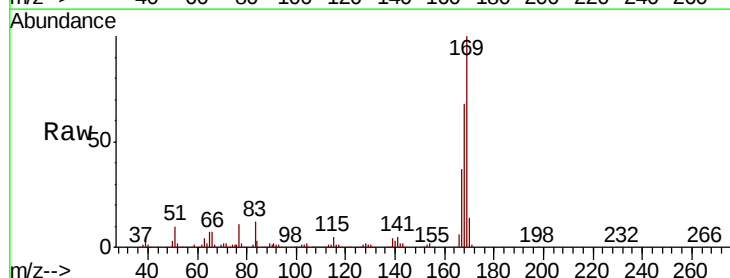
Instrument :
BNA_F
ClientSampleId :

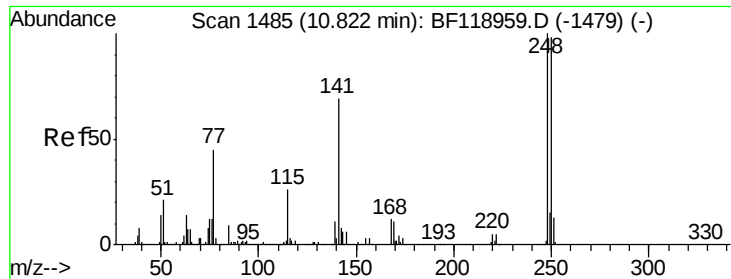
Tot Ion:198 Resp: 152009
Ion Ratio Lower Upper
198 100
51 27.1 7.1 47.1
105 38.3 18.3 58.3



#66
n-Nitrosodiphenylamine
Concen: 39.111 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion:169 Resp: 829289
Ion Ratio Lower Upper
169 100
168 67.7 54.2 81.2
167 36.8 29.4 44.2

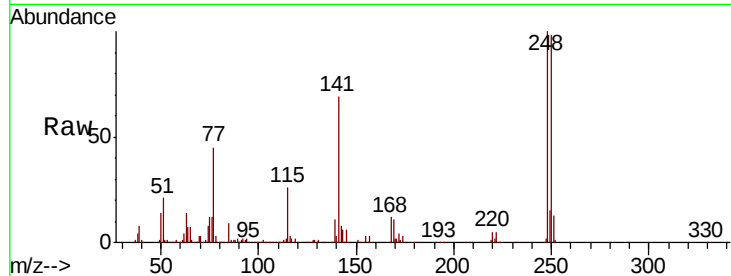




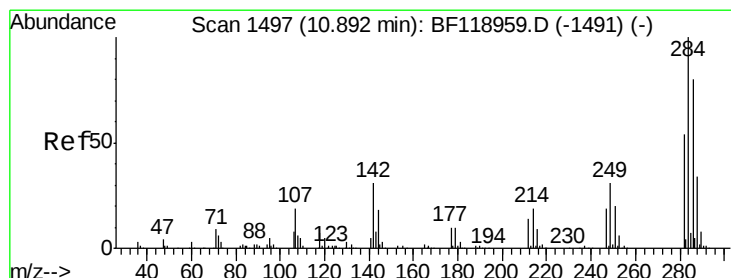
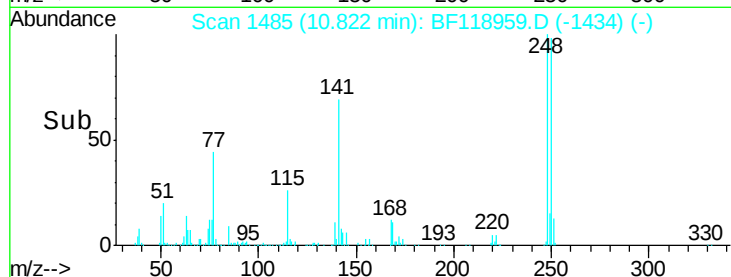
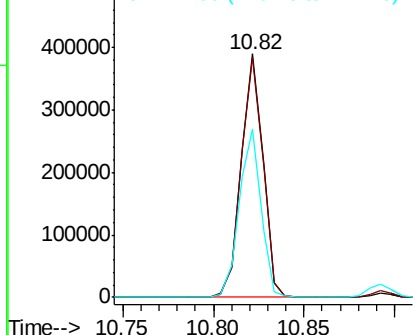
#67
4-Bromophenyl-phenylether
Concen: 37.989 ng
RT: 10.82 min Scan# 1485
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.8	118.2
141	69.1	55.3	82.9

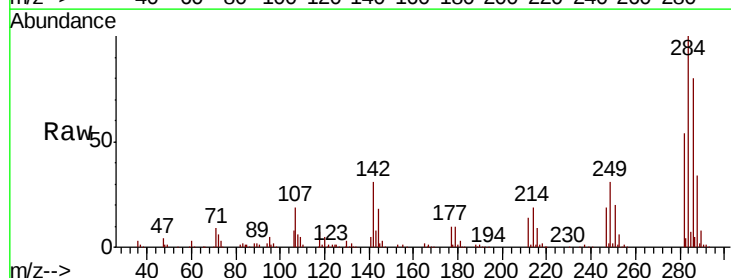


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

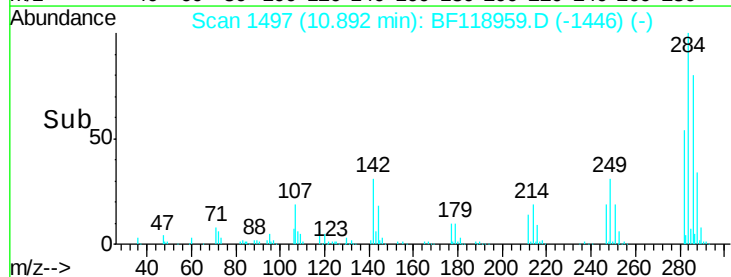
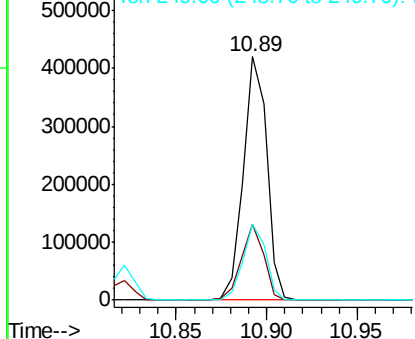


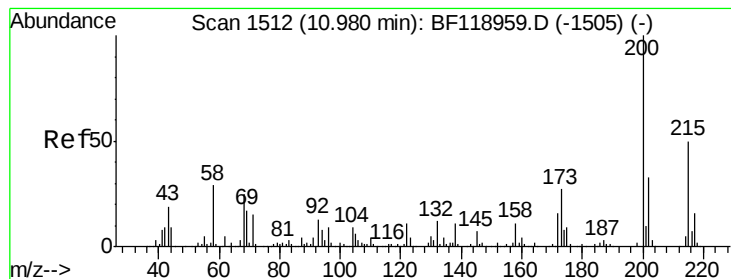
#68
Hexachlorobenzene
Concen: 38.422 ng
RT: 10.89 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	25.0	37.6
249	31.2	25.0	37.4



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: 40.334 ng

RT: 10.98 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampled :

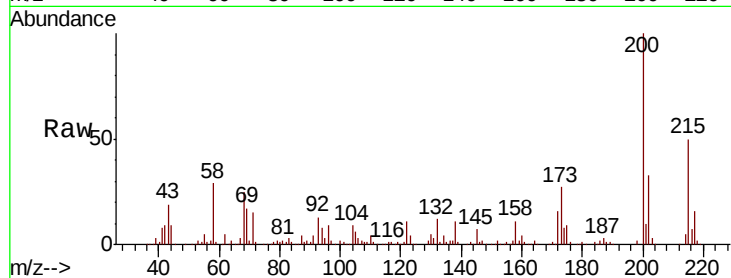
Tot Ion:200 Resp: 286257

Ion Ratio Lower Upper

200 100

173 26.9 6.9 46.9

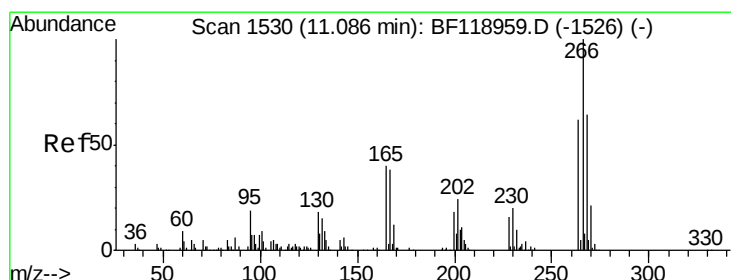
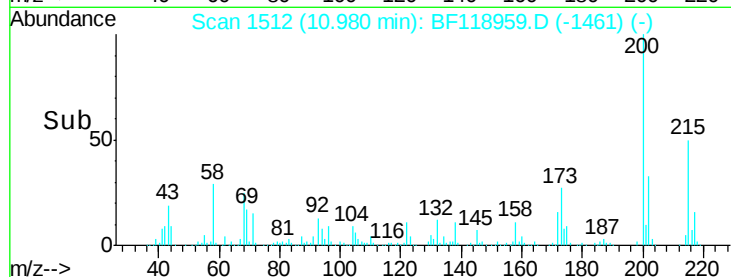
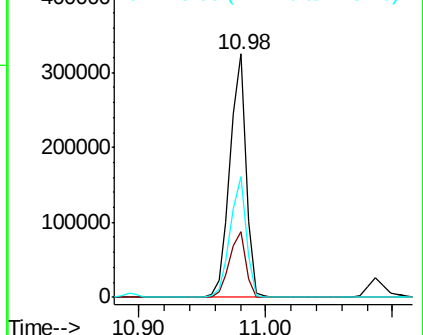
215 49.7 29.7 69.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 35.769 ng

RT: 11.09 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

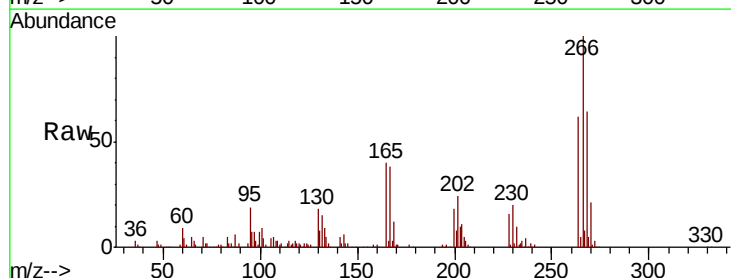
Tgt Ion:266 Resp: 150688

Ion Ratio Lower Upper

266 100

268 64.2 51.4 77.0

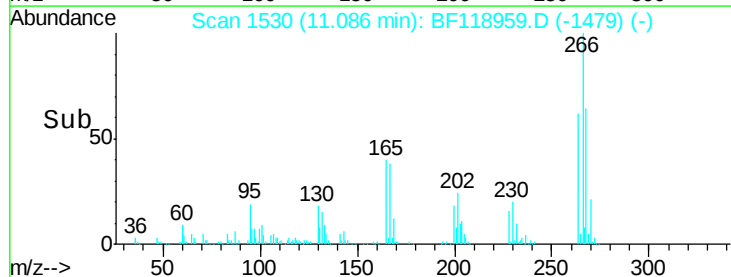
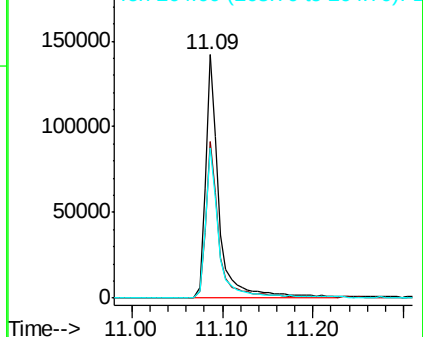
264 61.9 49.5 74.3

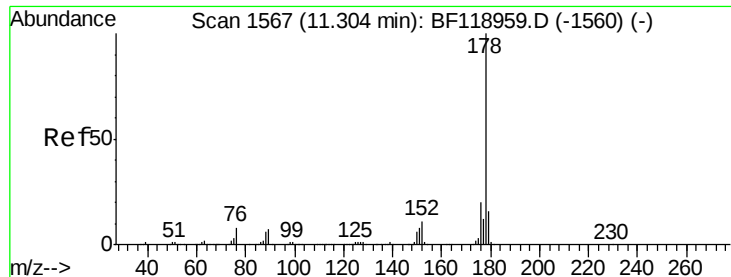


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

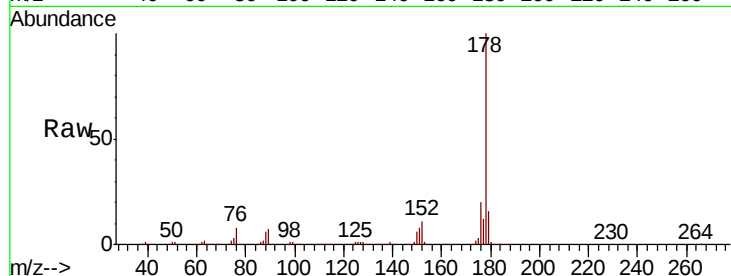




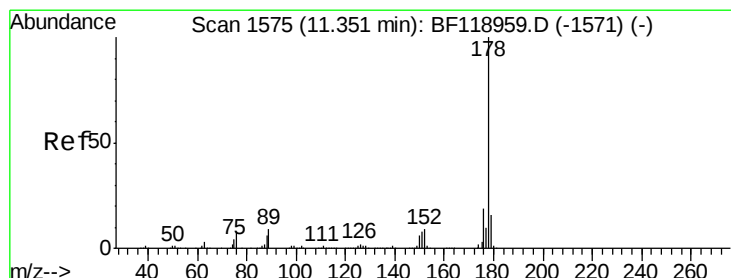
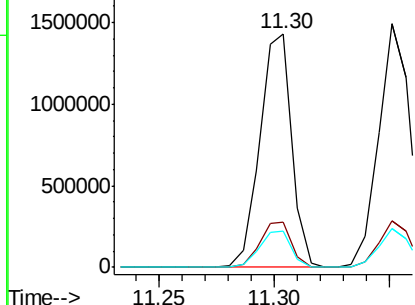
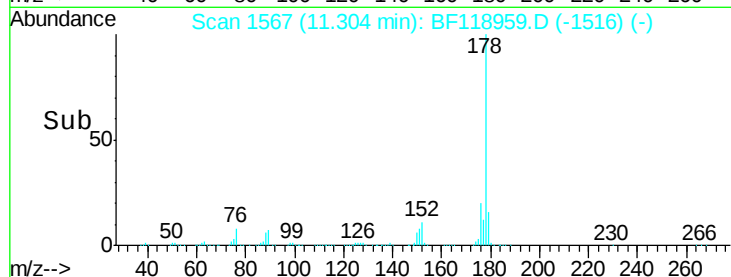
#71
Phenanthrene
Concen: 39.237 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1379496
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.7 12.6 18.8

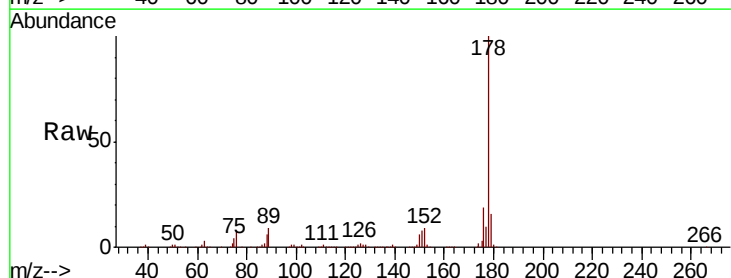


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

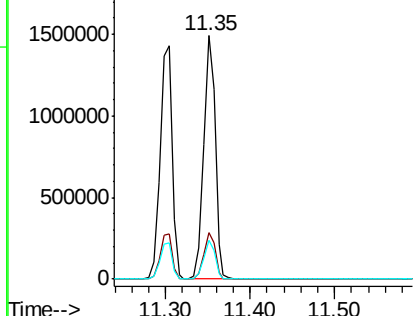
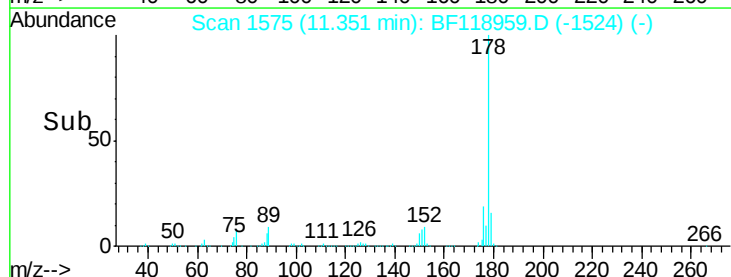


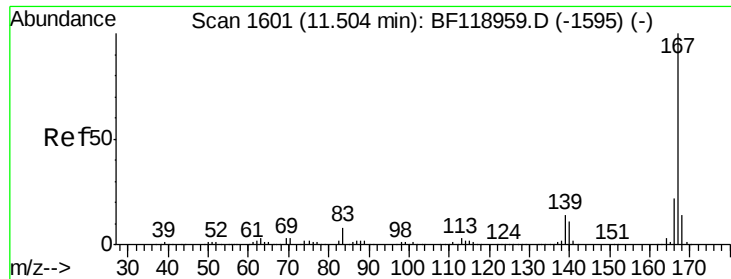
#72
Anthracene
Concen: 39.797 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion:178 Resp: 1399916
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 16.0 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

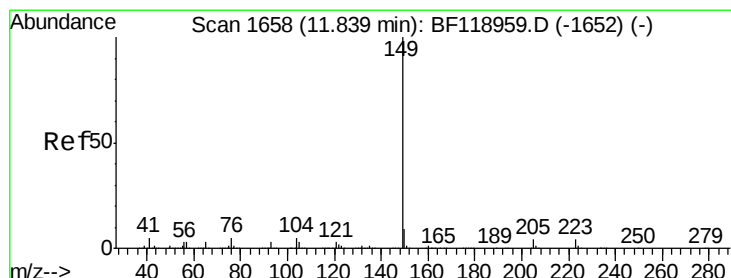
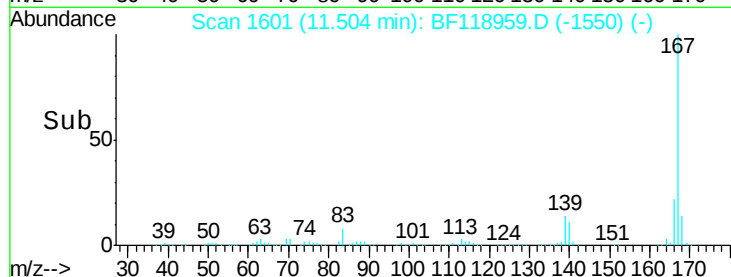
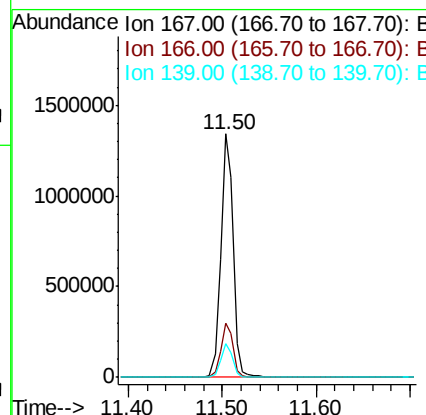
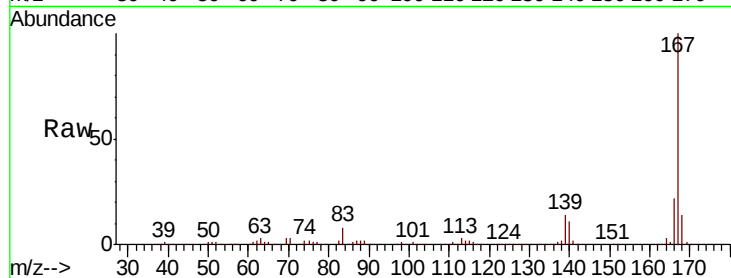




#73
 Carbazole
 Concen: 39.207 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

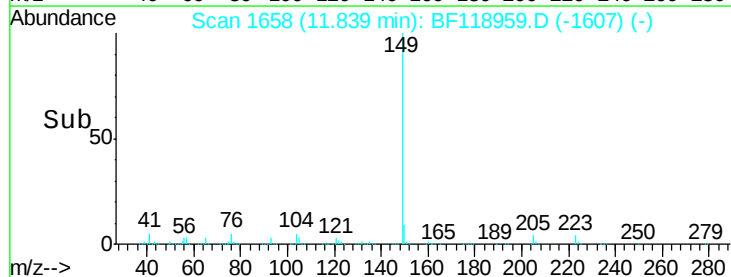
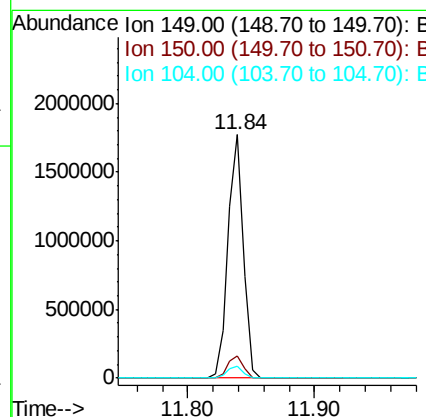
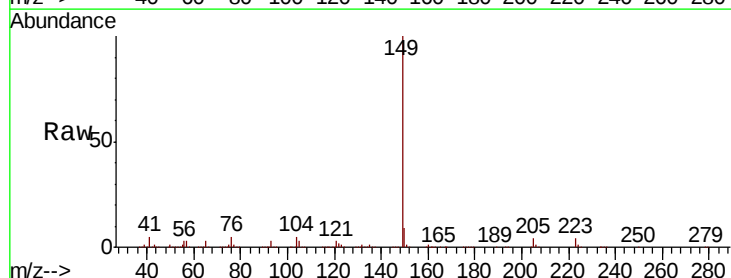
Instrument :
 BNA_F
 ClientSampleId :

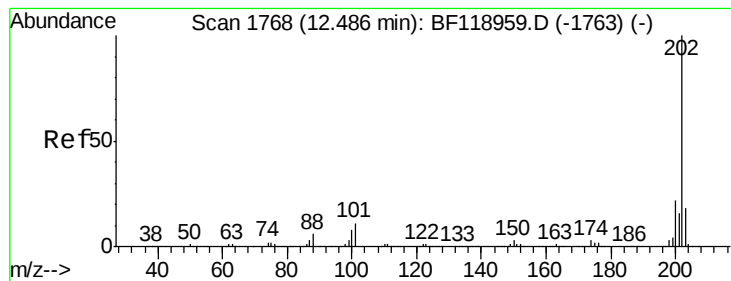
Tot Ion:167 Resp: 1236144
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 14.0 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 37.242 ng
 RT: 11.84 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

Tgt Ion:149 Resp: 1489824
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.0 4.0 6.0





#75

Fluoranthene

Concen: 37.866 ng

RT: 12.49 min Scan# 1768

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

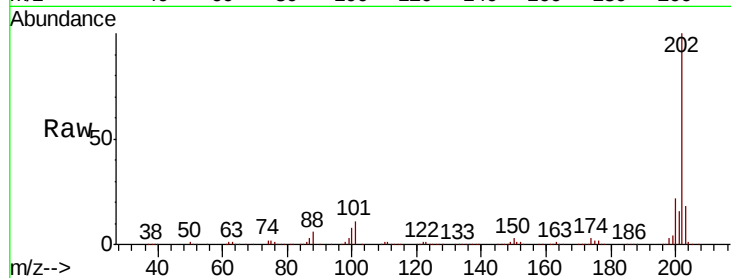
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1482964

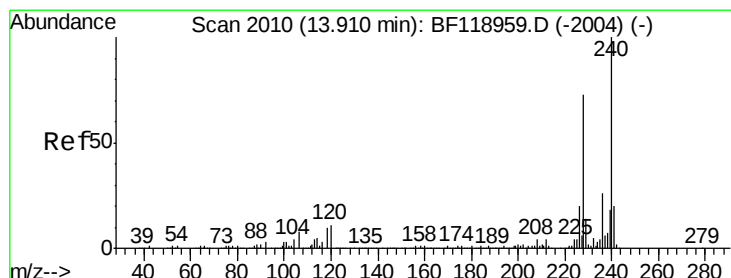
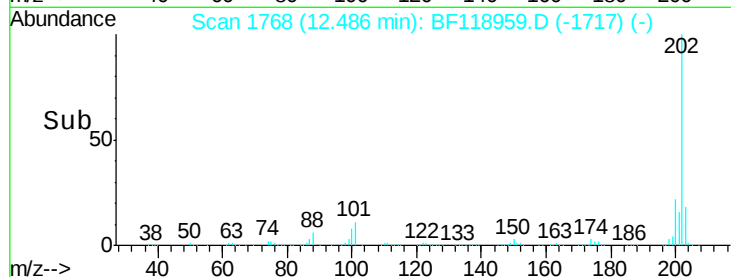
Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.1
203	18.1	0.0	38.1



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: 13.91 min Scan# 2010

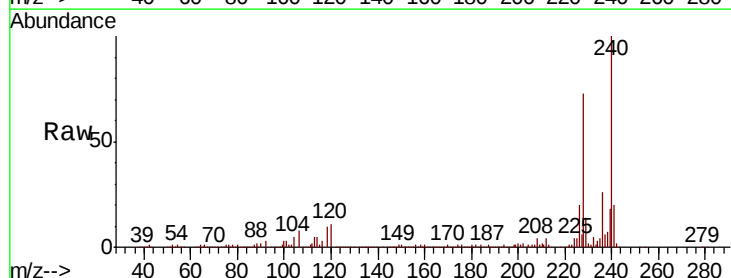
Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Tgt Ion:240 Resp: 515337

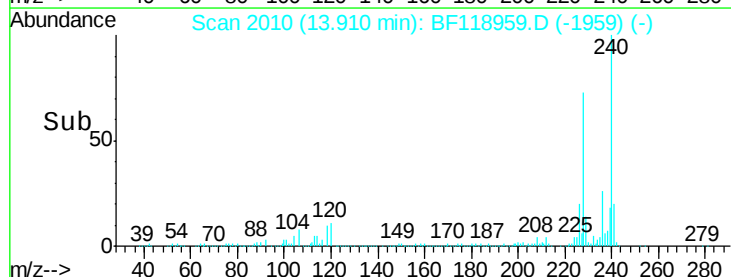
Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	25.7	20.6	30.8



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: 48.986 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampled :

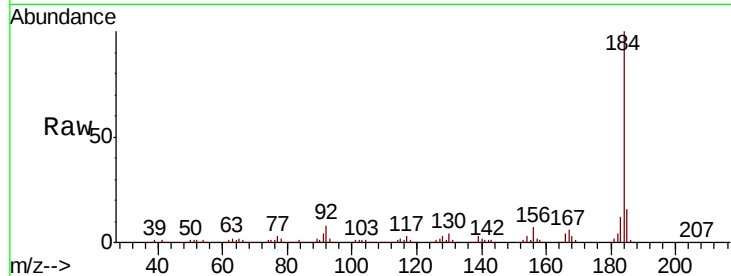
Tot Ion:184 Resp: 808214

Ion Ratio Lower Upper

184 100

185 15.8 12.6 19.0

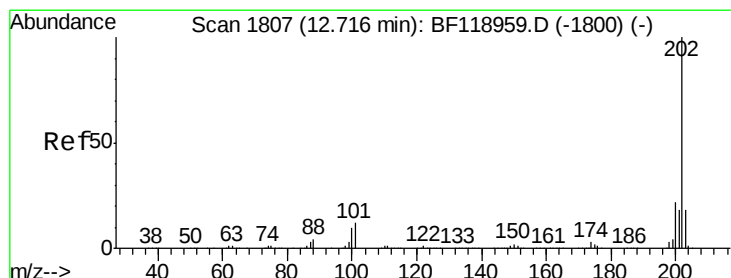
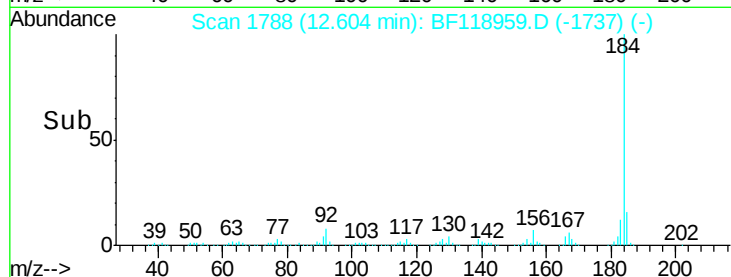
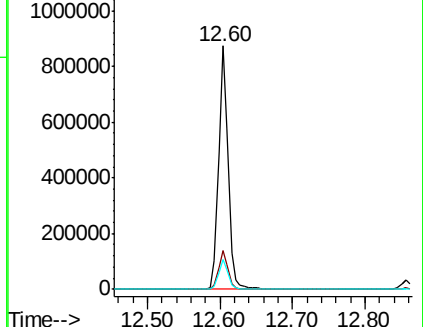
183 12.4 9.9 14.9



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: 40.623 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

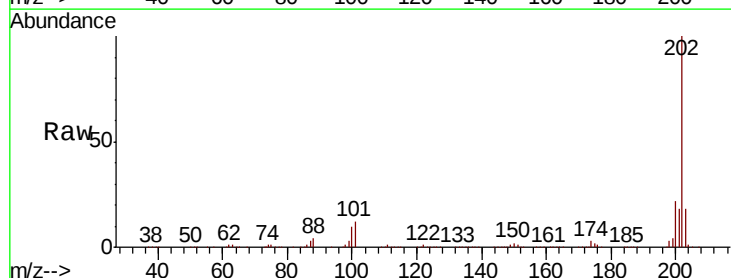
Tgt Ion:202 Resp: 1510743

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.0

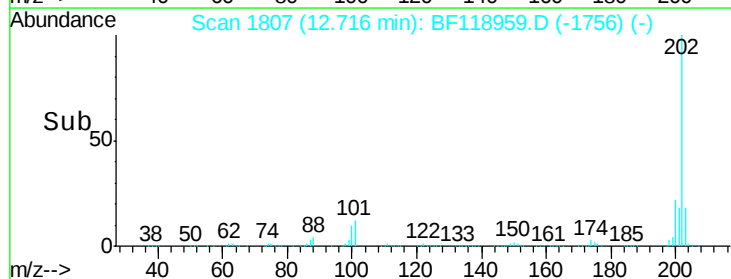
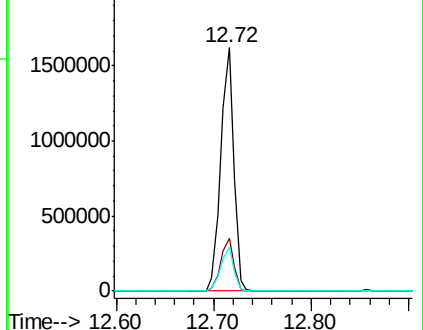
203 18.1 14.5 21.7



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: 82.611 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampled :

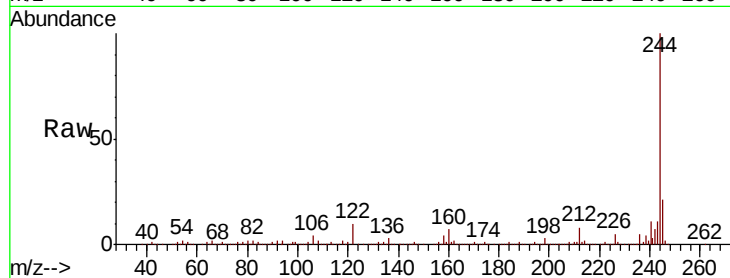
Tot Ion:244 Resp: 2163231

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

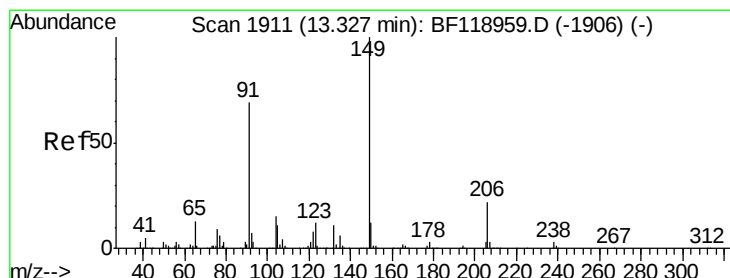
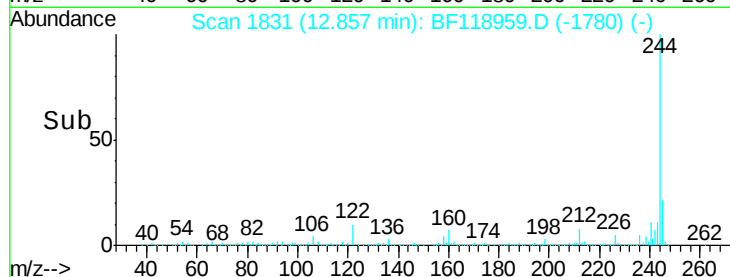
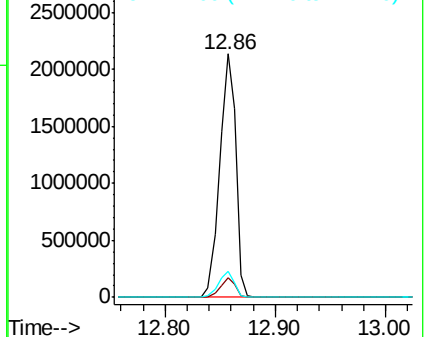
122 10.5 8.4 12.6



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: 39.676 ng

RT: 13.33 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

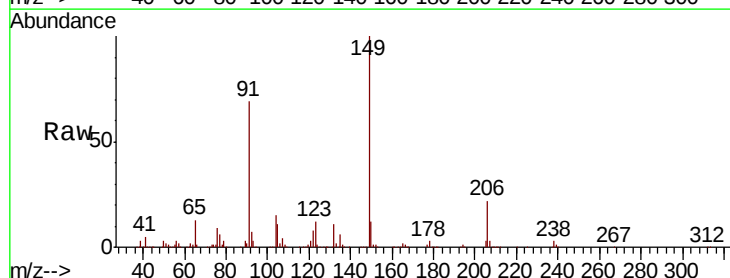
Tgt Ion:149 Resp: 646579

Ion Ratio Lower Upper

149 100

91 69.3 55.4 83.2

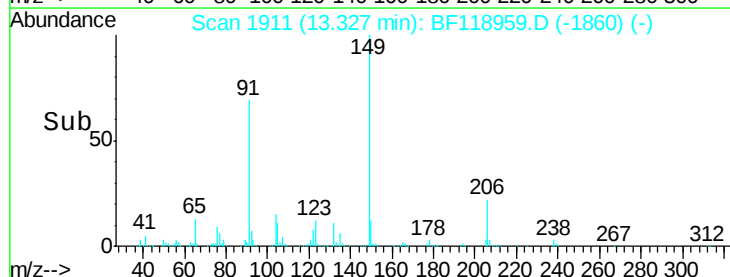
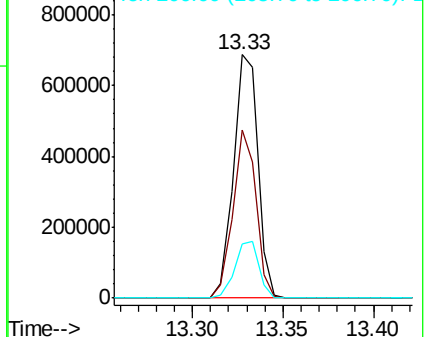
206 22.1 17.7 26.5



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: 41.884 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

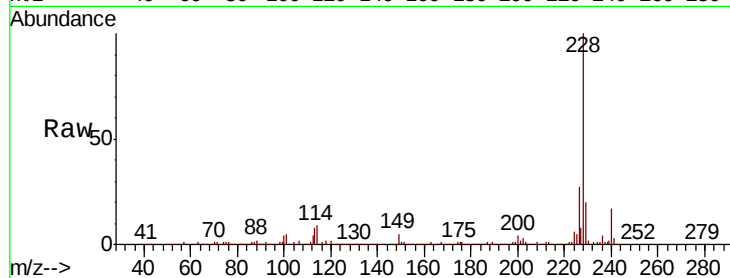
Tot Ion:228 Resp: 1322673

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

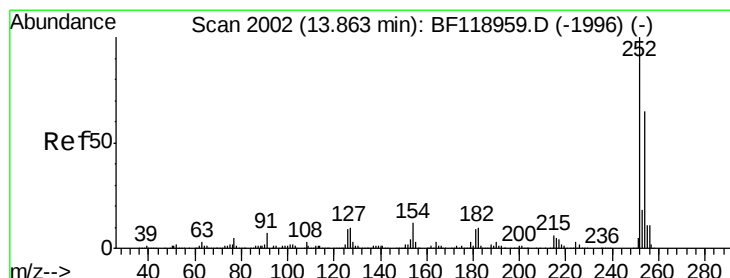
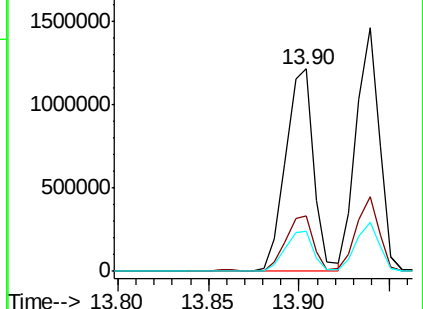
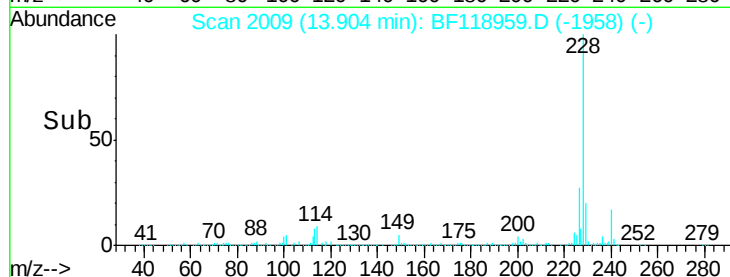
229 20.0 16.0 24.0



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: 43.590 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

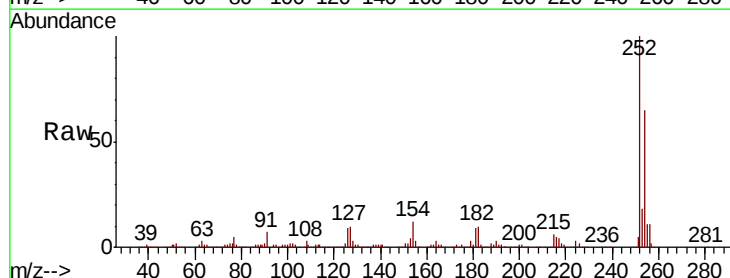
Tgt Ion:252 Resp: 535644

Ion Ratio Lower Upper

252 100

254 65.1 52.1 78.1

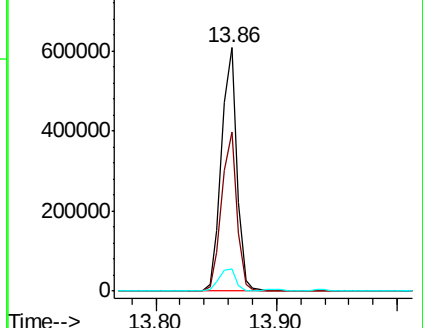
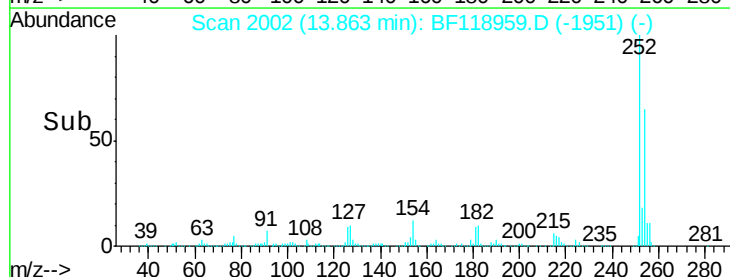
126 9.1 7.3 10.9

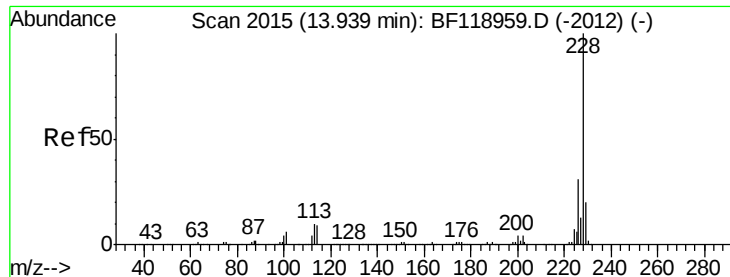


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 41.283 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

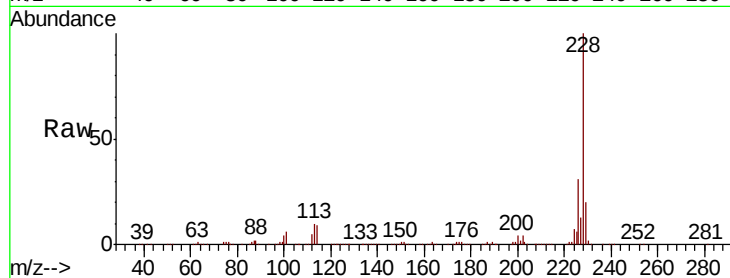
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1306984

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	20.2	16.2	24.2

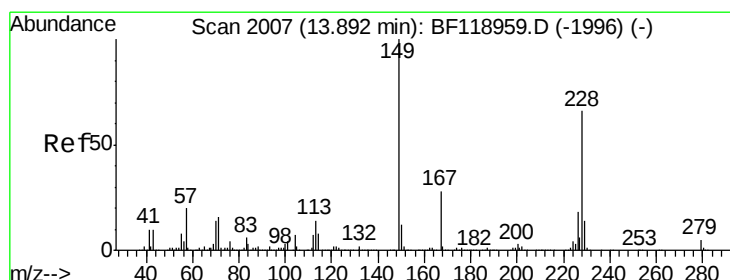
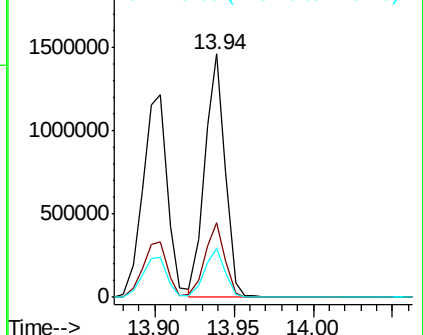
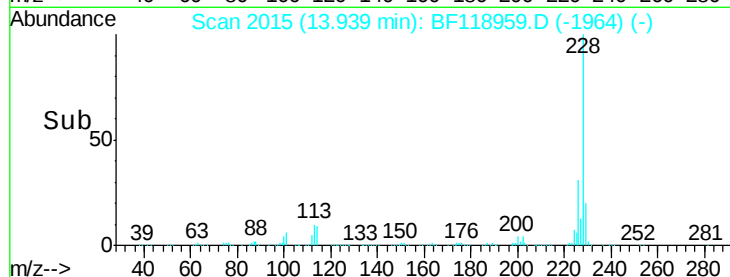


Abundance

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: 40.001 ng

RT: 13.89 min Scan# 2007

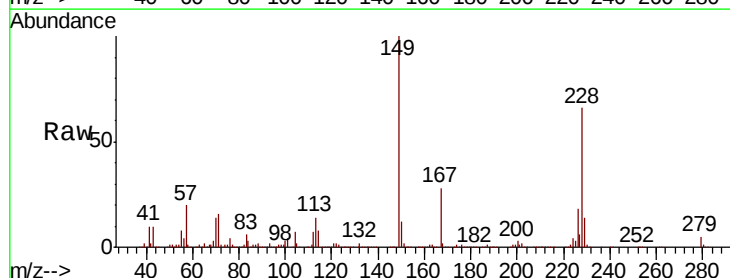
Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Tgt Ion:149 Resp: 826049

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.3	33.5
279	5.3	4.2	6.4

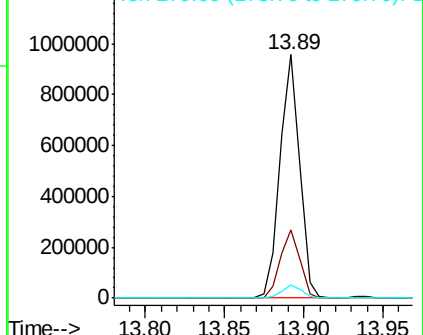
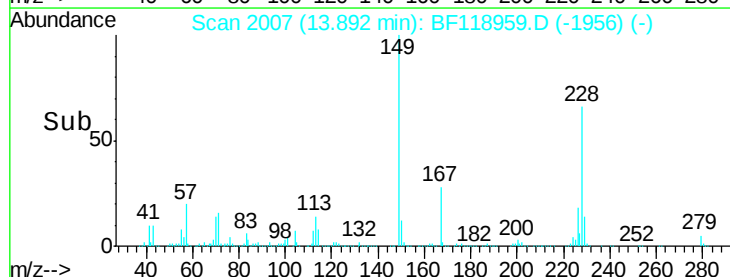


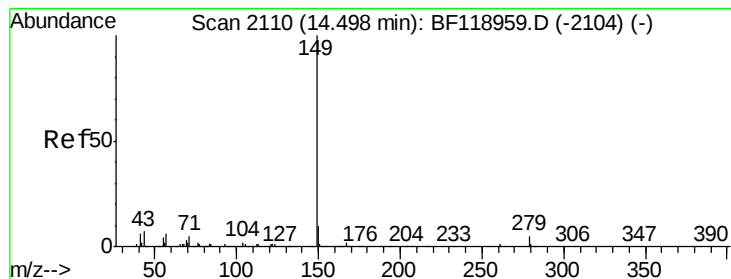
Abundance

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: 41.610 ng

RT: 14.50 min Scan# 2110

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

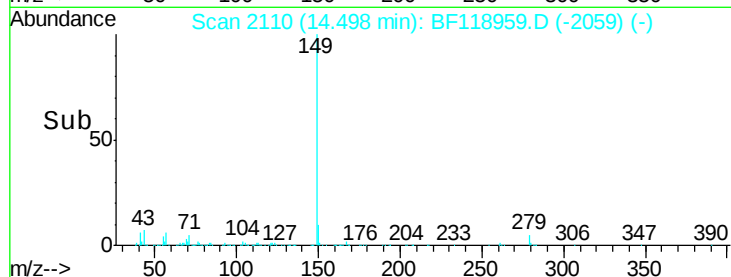
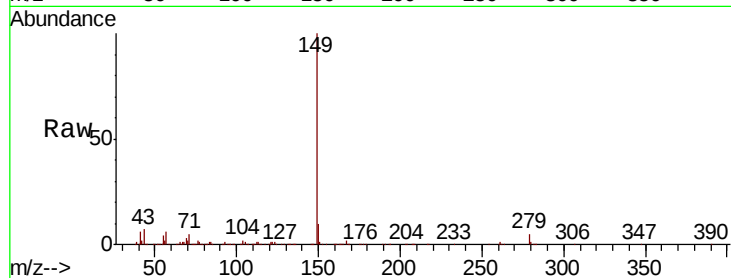
Tot Ion:149 Resp: 1385317

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

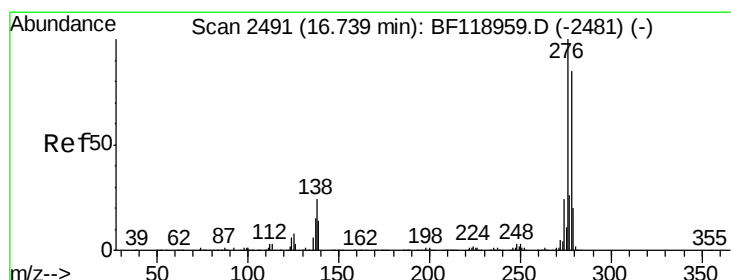
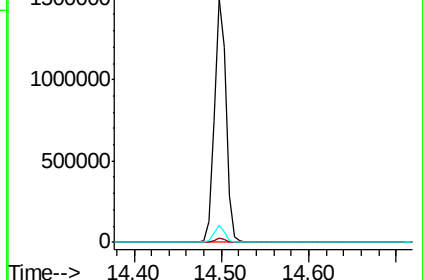
43 6.5 5.2 7.8



Abundance Ion 149.00 (148.70 to 149.70): E

2000000 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: 52.743 ng

RT: 16.74 min Scan# 2491

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

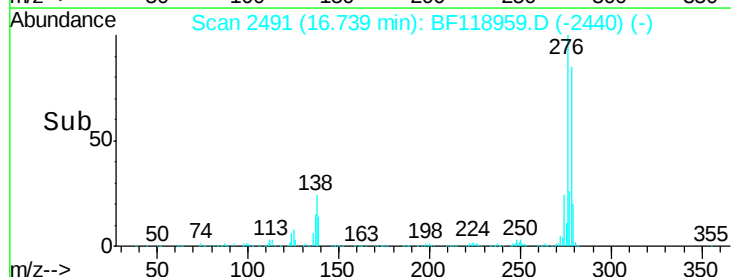
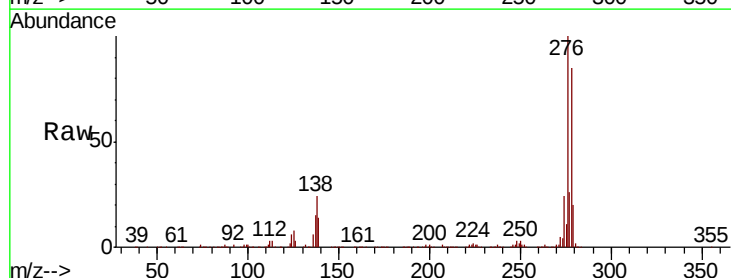
Tgt Ion:276 Resp: 1643374

Ion Ratio Lower Upper

276 100

138 23.4 18.7 28.1

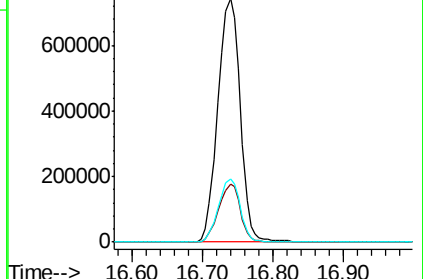
277 25.4 20.3 30.5

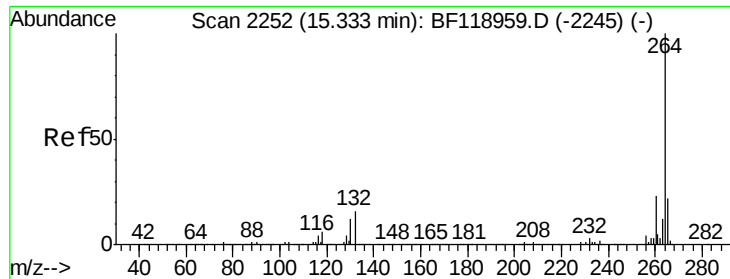


Abundance Ion 276.00 (275.70 to 276.70): E

1000000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



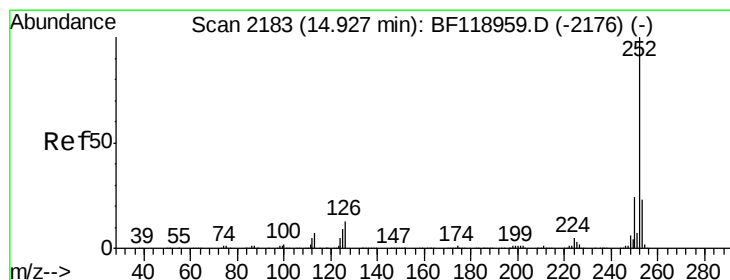
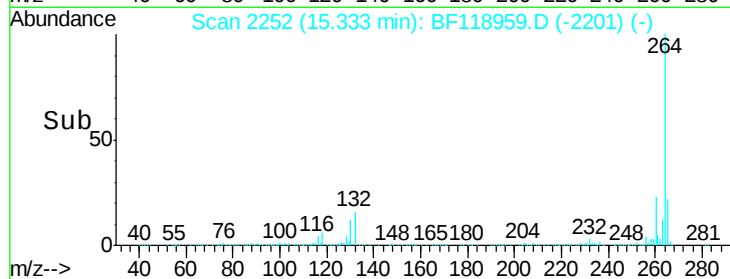
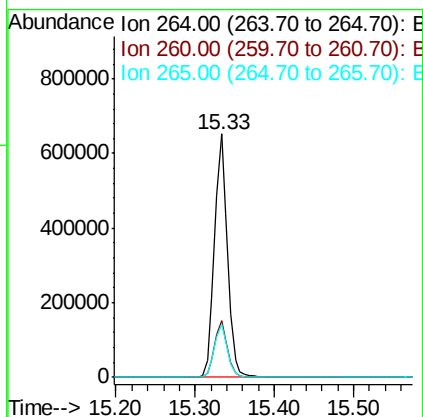
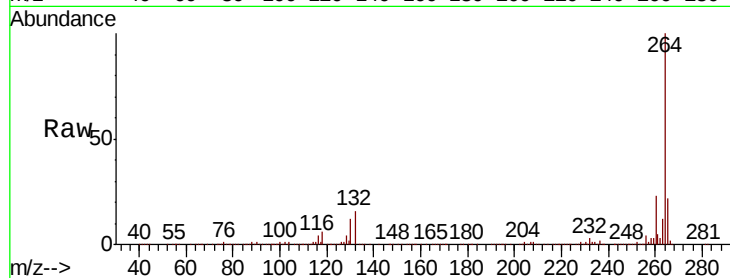


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 744197

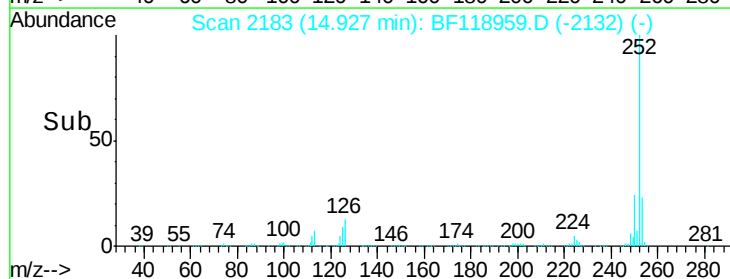
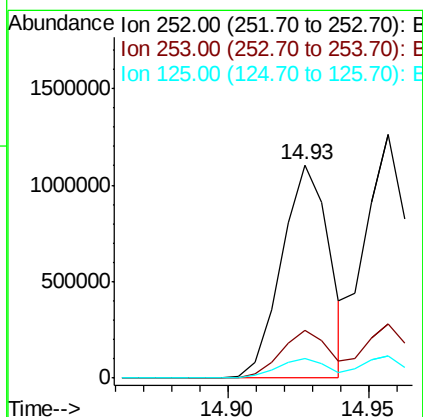
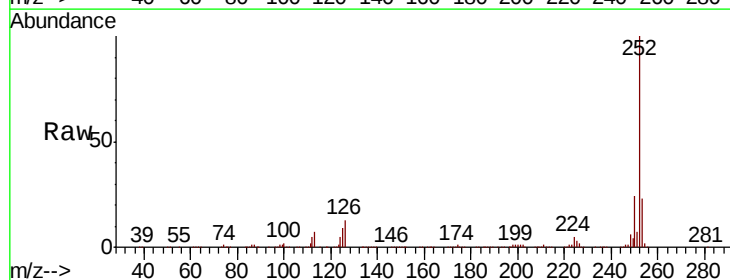
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.6	17.3	25.9

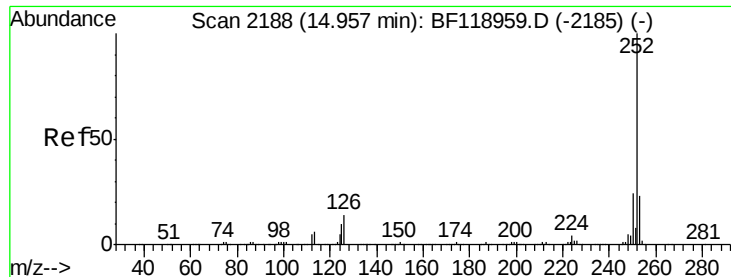


#88
Benzo(b)fluoranthene
Concen: 25.809 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion:252 Resp: 1294791

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	9.2	7.4	11.0

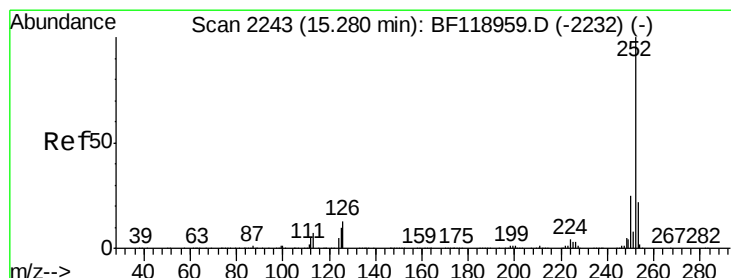
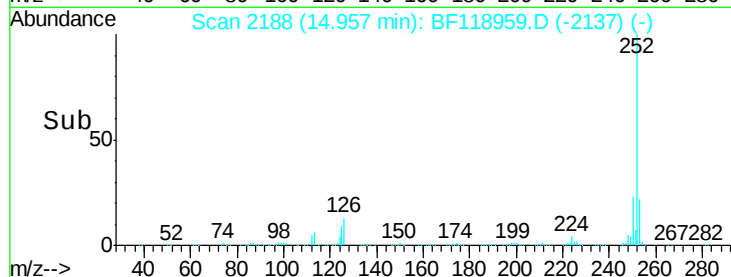
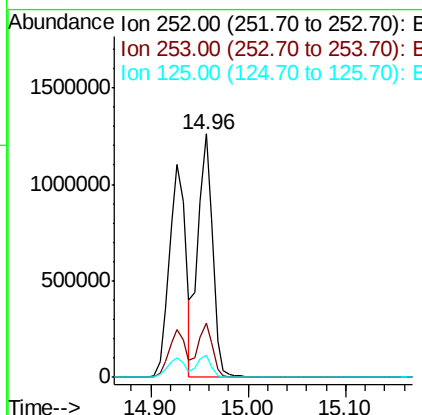
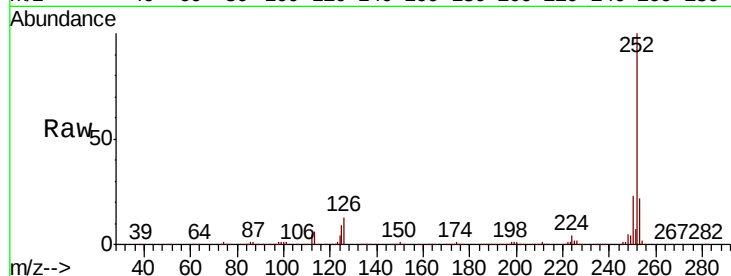




#89
Benzo(k)fluoranthene
Concen: 29.414 ng
RT: 14.96 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

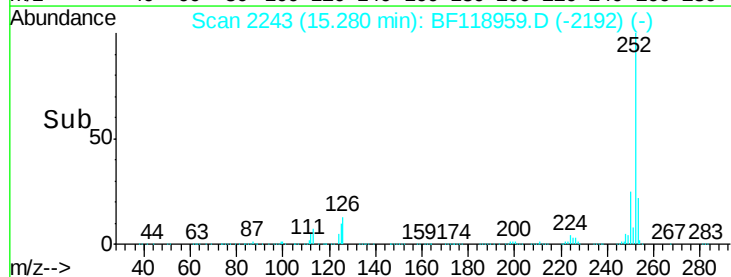
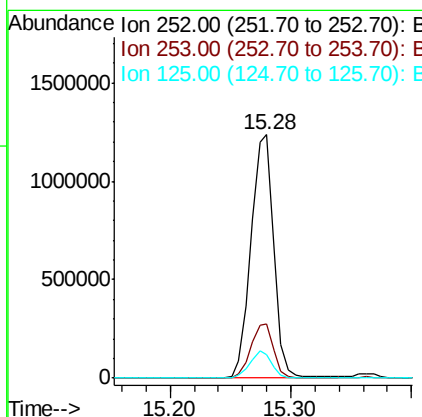
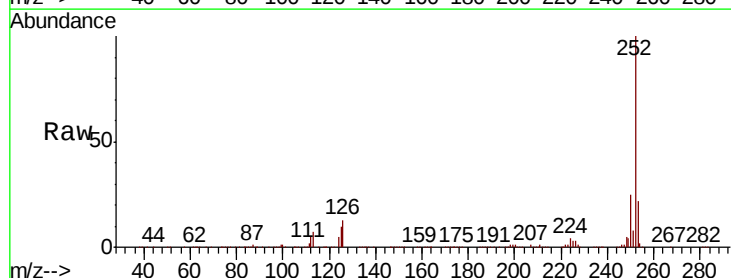
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1311367
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 9.1 7.3 10.9



#90
Benzo(a)pyrene
Concen: 37.805 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion:252 Resp: 1634032
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 9.7 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 34.749 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampled :

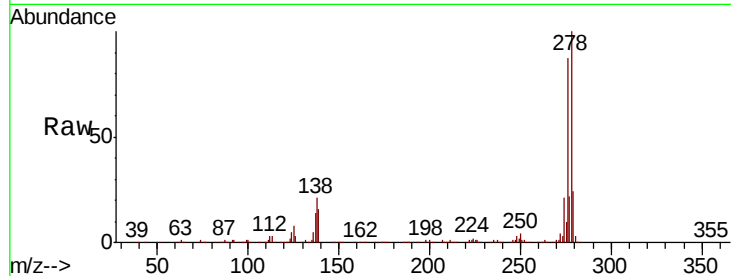
Tot Ion:278 Resp: 1361234

Ion Ratio Lower Upper

278 100

139 15.7 12.6 18.8

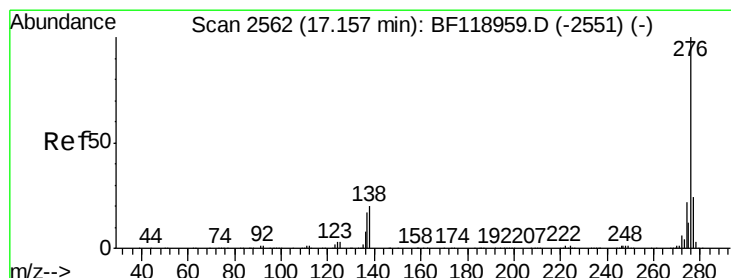
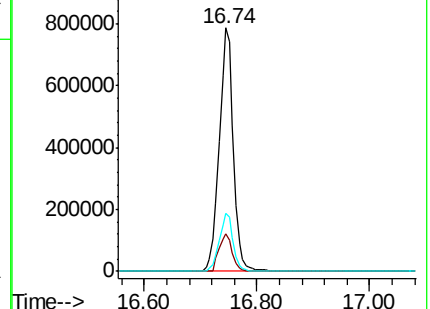
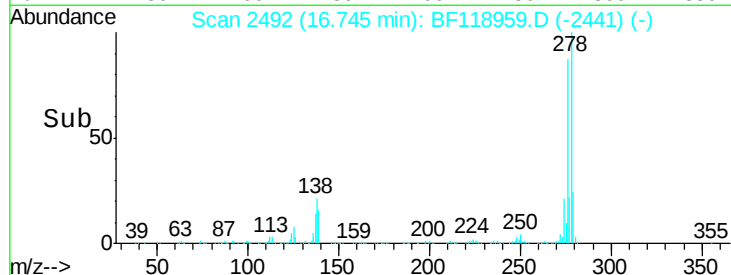
279 23.8 19.0 28.6



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: 34.249 ng

RT: 17.16 min Scan# 2562

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

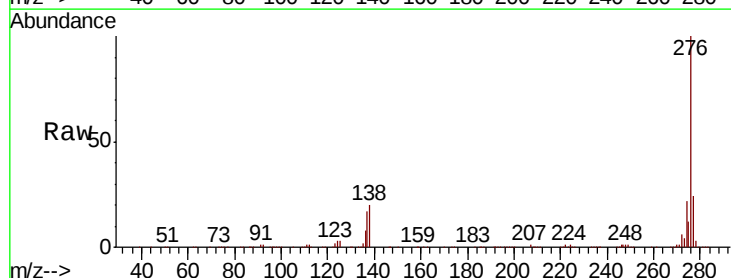
Tgt Ion:276 Resp: 1323781

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 20.3 16.2 24.4



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

