

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119281.D
 Acq On : 9 Mar 2020 11:49
 Operator : CG/JU
 Sample : PB127309BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 15:33:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	121072	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	467965	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	266449	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	495669	20.00	ng	0.00
76) Chrysene-d12	13.89	240	325745	20.00	ng	0.00
87) Perylene-d12	15.31	264	249551	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	925854	127.80	ng	0.02
7) Phenol-d6	6.39	99	1109638	125.94	ng	0.00
23) Nitrobenzene-d5	7.29	82	675079	76.17	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	421643	120.97	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1360818	75.24	ng	0.00
79) Terphenyl-d14	12.83	244	1611080	85.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	126249	39.140	ng	98
3) Pyridine	3.23	79	292997	33.260	ng	99
4) n-Nitrosodimethylamine	3.16	42	122426	45.877	ng	96
6) Aniline	6.39	93	346681	31.888	ng	# 82
8) 2-Chlorophenol	6.52	128	377672	48.305	ng	99
9) Benzaldehyde	6.28	77	158828	26.981	ng	97
10) Phenol	6.40	94	440991	46.293	ng	99
11) bis(2-Chloroethyl)ether	6.47	93	342183	46.946	ng	99
12) 1,3-Dichlorobenzene	6.67	146	409988	43.751	ng	98
13) 1,4-Dichlorobenzene	6.74	146	414136	44.164	ng	99
14) 1,2-Dichlorobenzene	6.90	146	382767	44.757	ng	99
15) Benzyl Alcohol	6.88	79	312536	49.080	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	270716	42.876	ng	# 26
17) 2-Methylphenol	7.00	107	306533	48.358	ng	93
18) Hexachloroethane	7.23	117	147401	43.936	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	260604	50.759	ng	98
20) 3+4-Methylphenols	7.16	107	402208	51.791	ng	# 86
22) Acetophenone	7.14	105	513030	47.382	ng	# 95
24) Nitrobenzene	7.32	77	397106	45.308	ng	98
25) Isophorone	7.55	82	711527	46.226	ng	98
26) 2-Nitrophenol	7.63	139	212271	45.710	ng	94
27) 2,4-Dimethylphenol	7.67	122	326274	51.768	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	434420	43.360	ng	100
29) 2,4-Dichlorophenol	7.88	162	336980	45.417	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	363350	41.304	ng	99
31) Naphthalene	8.03	128	1086310	44.760	ng	98
32) Benzoic acid	7.85	122	173233	39.107	ng	99
33) 4-Chloroaniline	8.09	127	277062	26.542	ng	98
34) Hexachlorobutadiene	8.15	225	219631	40.081	ng	98
35) Caprolactam	8.47	113	60523	26.491	ng	95
36) 4-Chloro-3-methylphenol	8.59	107	358507	47.743	ng	97
37) 2-Methylnaphthalene	8.72	142	750070	45.925	ng	99
38) 1-Methylnaphthalene	8.82	142	705466	45.929	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	376103	41.866	ng	100

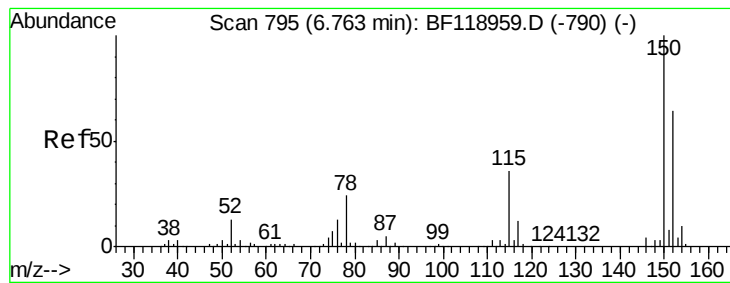
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119281.D
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Quant Time: Mar 09 15:33:46 2020
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 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	135116	45.862	nq	99
43) 2,4,6-Trichlorophenol	9.02	196	234375	41.314	nq	100
44) 2,4,5-Trichlorophenol	9.06	196	243598	40.920	nq	98
46) 1,1'-Biphenyl	9.19	154	907318	42.133	nq	98
47) 2-Chloronaphthalene	9.21	162	728023	41.952	nq	99
48) 2-Nitroaniline	9.32	65	213305	44.069	nq	96
49) Acenaphthylene	9.63	152	1102929	44.005	nq	99
50) Dimethylphthalate	9.49	163	882637	43.320	nq	98
51) 2,6-Dinitrotoluene	9.56	165	200936	44.389	nq #	80
52) Acenaphthene	9.80	154	655227	43.355	nq	99
53) 3-Nitroaniline	9.73	138	143528	28.600	nq	93
54) 2,4-Dinitrophenol	9.86	184	151143	69.755	nq	95
55) Dibenzofuran	9.97	168	968587	42.938	nq	99
56) 4-Nitrophenol	9.92	139	169988	56.378	nq	90
57) 2,4-Dinitrotoluene	9.97	165	249549	42.531	nq	93
58) Fluorene	10.31	166	788298	44.972	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	218624	43.523	nq	97
60) Diethylphthalate	10.19	149	862660	44.928	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	409451	44.131	nq	99
62) 4-Nitroaniline	10.35	138	175774	34.235	nq	95
63) Azobenzene	10.46	77	769666	46.117	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	132919	44.316	nq	90
66) n-Nitrosodiphenylamine	10.43	169	718853	44.292	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	270801	41.797	nq	96
68) Hexachlorobenzene	10.87	284	313683	41.993	nq	97
69) Atrazine	10.96	200	256306	45.199	nq	98
70) Pentachlorophenol	11.07	266	209524	69.630	nq	99
71) Phenanthrene	11.27	178	1167797	43.202	nq	99
72) Anthracene	11.33	178	1209422	44.779	nq	98
73) Carbazole	11.48	167	1043099	43.351	nq	98
74) Di-n-butylphthalate	11.80	149	1307289	44.864	nq	99
75) Fluoranthene	12.46	202	1234611	43.028	nq	99
77) Benzidine	12.58	184	327454	24.718	nq	99
78) Pyrene	12.69	202	1217702	46.554	nq	99
80) Butylbenzylphthalate	13.30	149	520172	47.251	nq	98
81) Benzo(a)anthracene	13.88	228	1002222	45.155	nq	98
82) 3,3'-Dichlorobenzidine	13.83	252	284850	33.051	nq	99
83) Chrysene	13.92	228	960372	43.425	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	701178	50.416	nq	100
85) Di-n-octyl phthalate	14.46	149	1039218	46.897	nq	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	800817	37.397	nq	99
88) Benzo(b)fluoranthene	14.91	252	828428	50.363	nq	98
89) Benzo(k)fluoranthene	14.93	252	777757	51.022	nq	100
90) Benzo(a)pyrene	15.26	252	700445	47.182	nq	98
91) Dibenzo(a,h)anthracene	16.73	278	679466	52.017	nq	99
92) Benzo(g,h,i)perylene	17.14	276	678676	52.585	nq	99

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

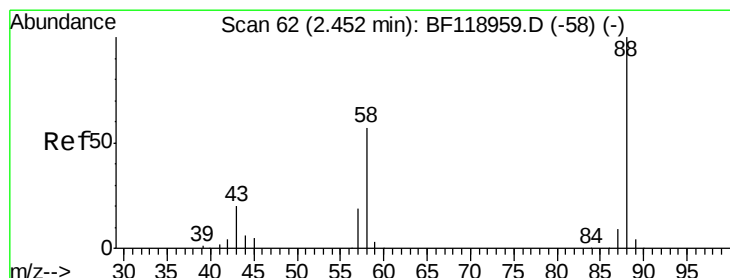
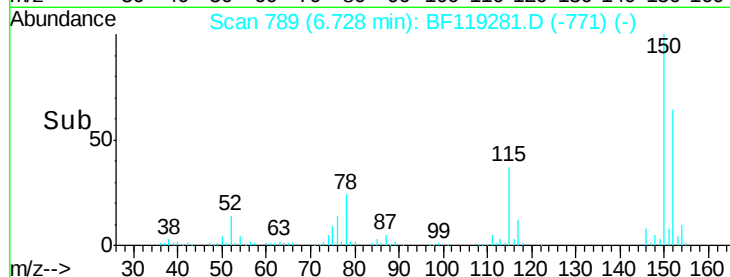
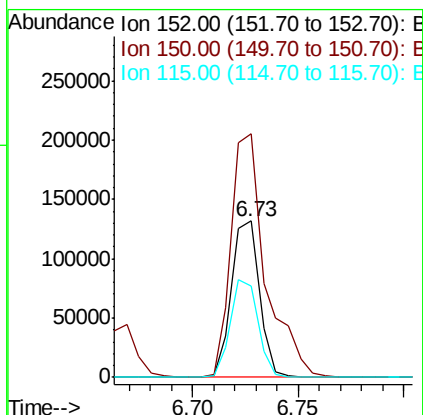
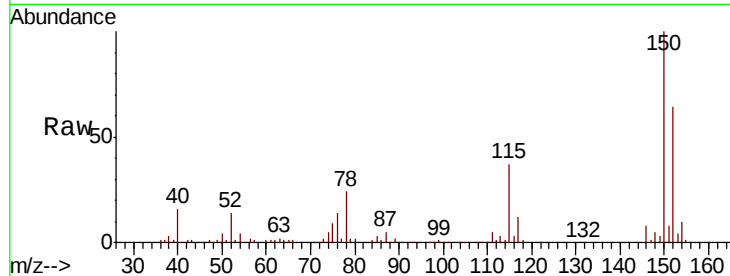


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampled :

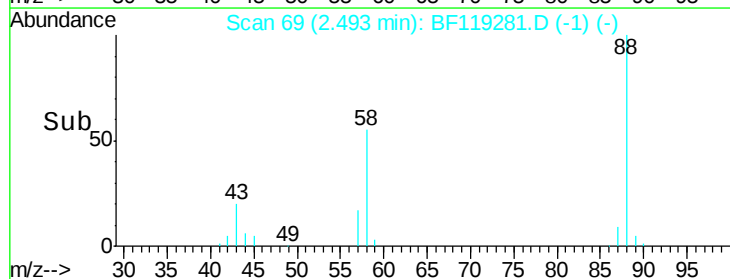
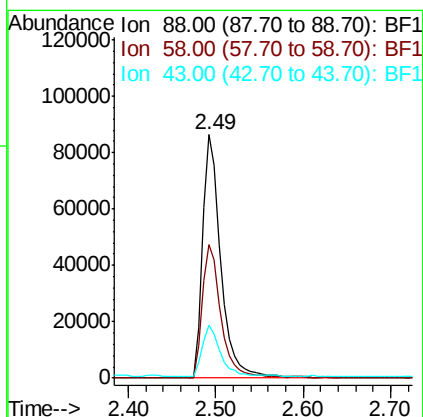
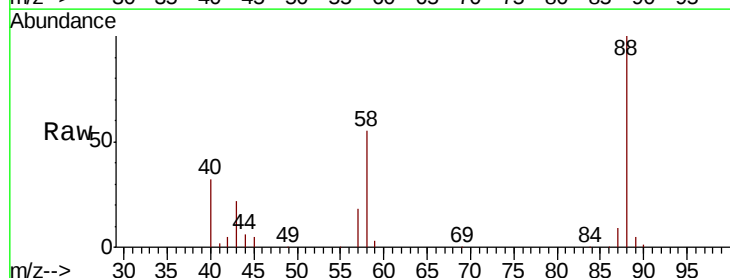
Tot Ion:152 Resp: 121072
Ion Ratio Lower Upper
152 100
150 155.8 123.0 184.6
115 58.3 49.5 74.3

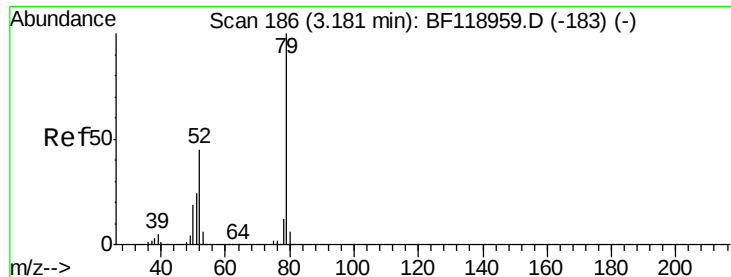


#2

1,4-Dioxane
Concen: 39.140 ng
RT: 2.49 min Scan# 69
Delta R.T. 0.11 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion: 88 Resp: 126249
Ion Ratio Lower Upper
88 100
58 56.1 43.8 65.6
43 20.6 16.2 24.4

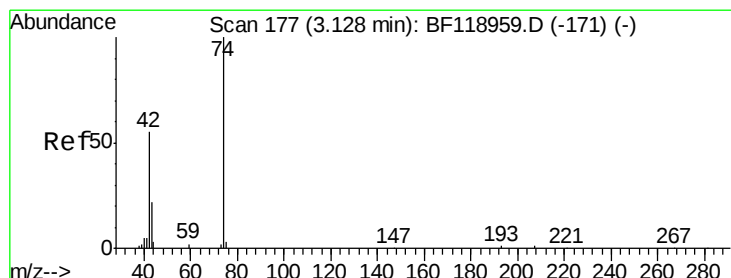
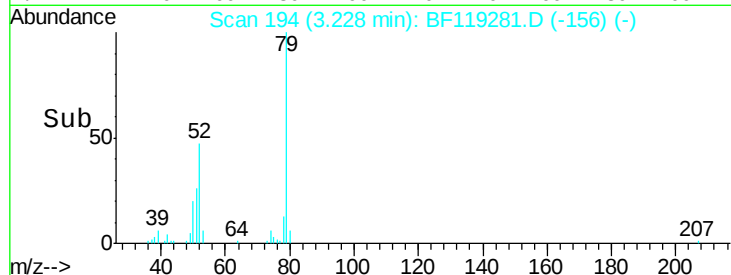
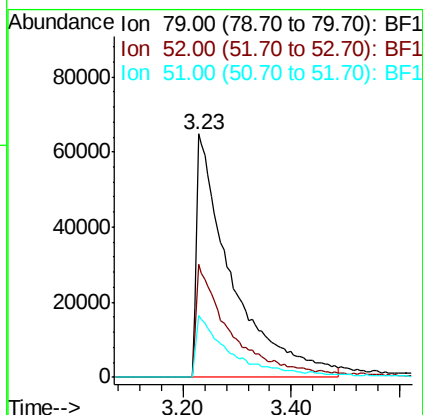
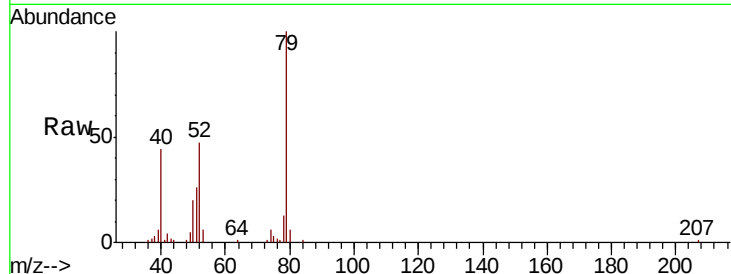




#3
 Pvridine
 Concen: 33.260 ng
 RT: 3.23 min Scan# 194
 Delta R.T. 0.12 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

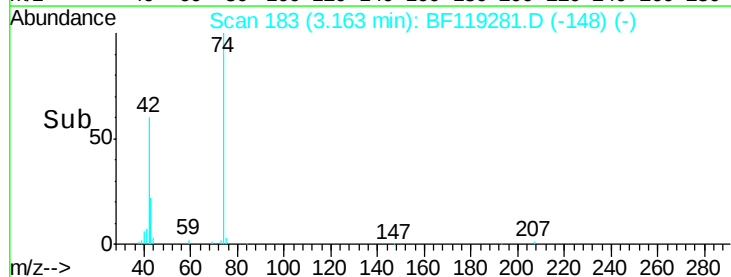
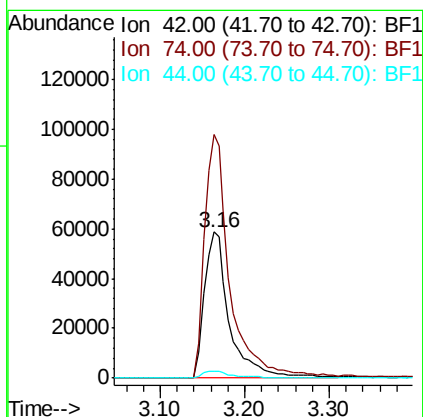
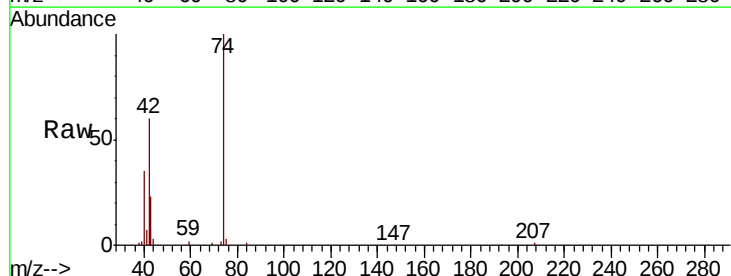
Instrument :
 BNA_F
 ClientSampleId :

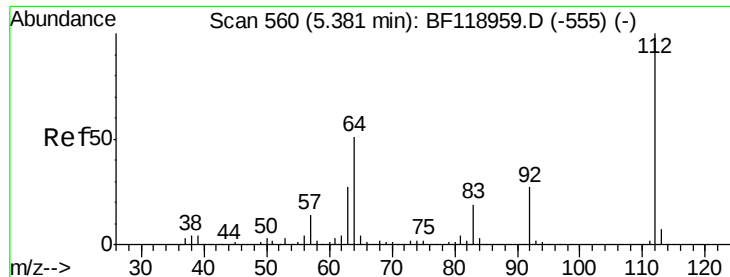
Tot Ion	Ratio	Lower	Upper
79	100		
52	46.5	37.4	56.0
51	25.6	19.8	29.6



#4
 n-Nitrosodimethylamine
 Concen: 45.877 ng
 RT: 3.16 min Scan# 183
 Delta R.T. 0.11 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
42	100		
74	167.1	137.7	206.5
44	5.0	4.5	6.7





#5

2-Fluorophenol

Concen: 127.797 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

ClientSampled :

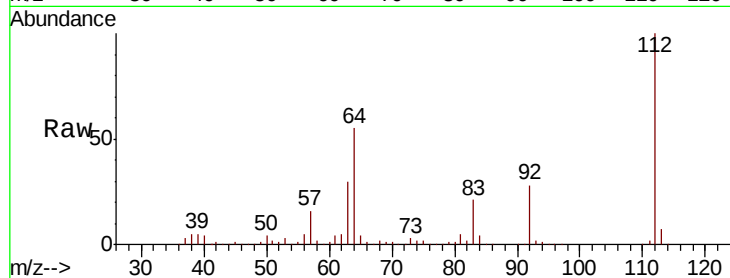
Tot Ion:112 Resp: 925854

Ion Ratio Lower Upper

112 100

64 55.0 45.0 67.4

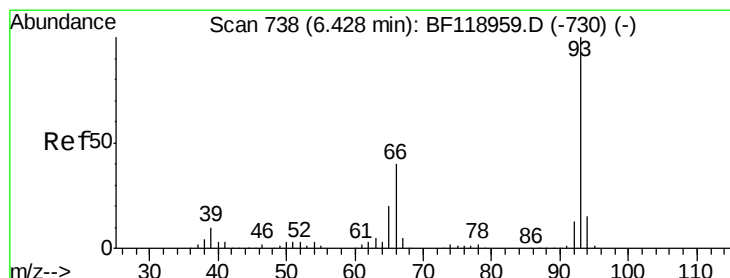
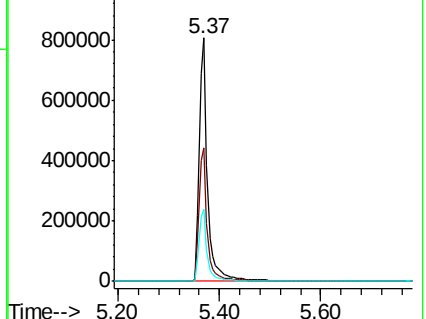
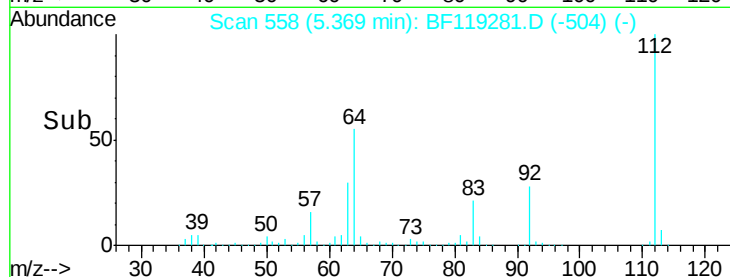
63 29.7 24.2 36.4



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: 31.888 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

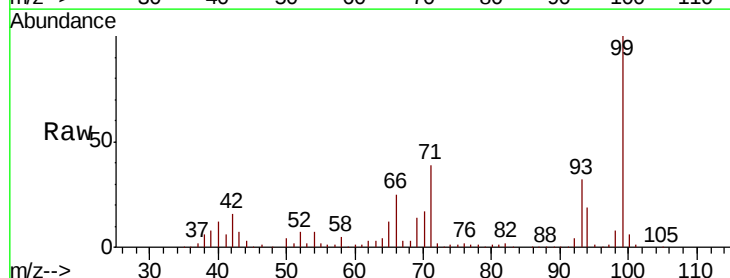
Tgt Ion: 93 Resp: 346681

Ion Ratio Lower Upper

93 100

66 79.6 74.5 111.7

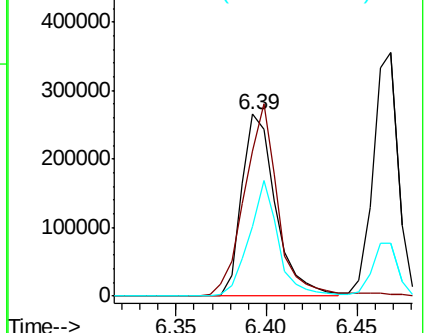
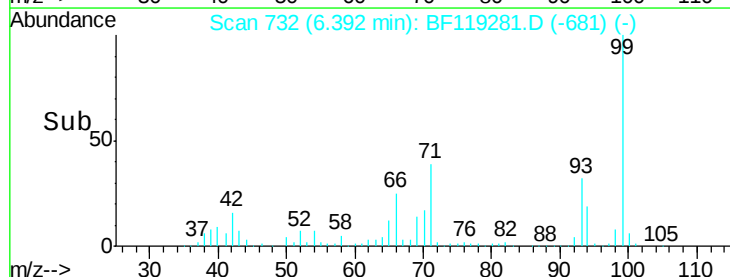
65 38.1 45.3 67.9#

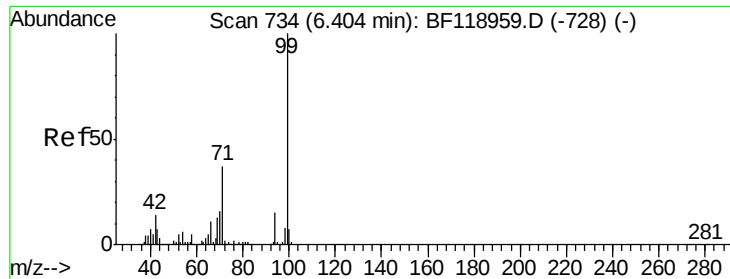


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 125.939 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

ClientSampleId :

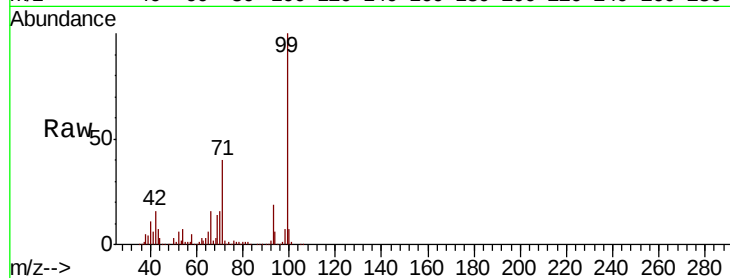
Tot Ion: 99 Resp: 1109638

Ion Ratio Lower Upper

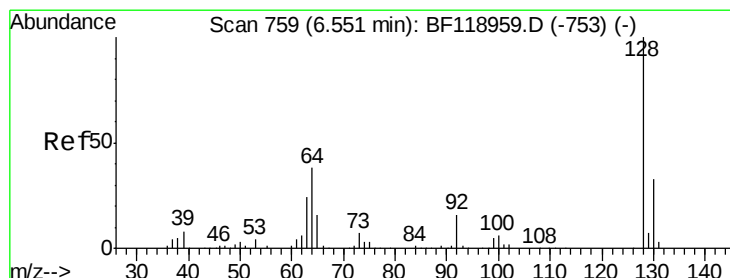
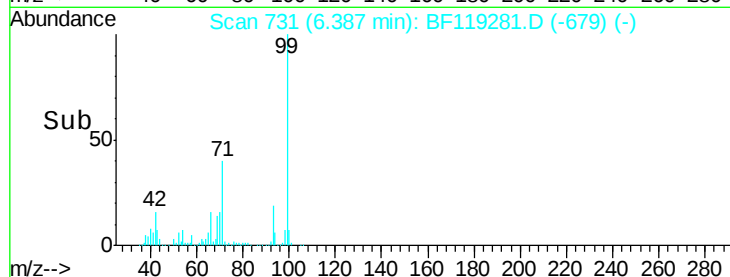
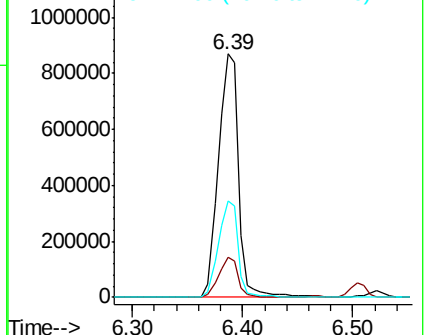
99 100

42 16.4 12.6 18.8

71 39.8 31.0 46.4



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: 48.305 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

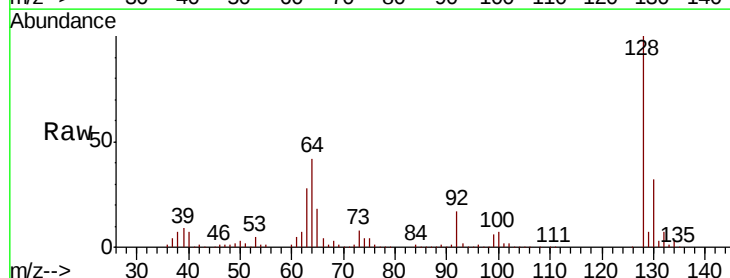
Tgt Ion: 128 Resp: 377672

Ion Ratio Lower Upper

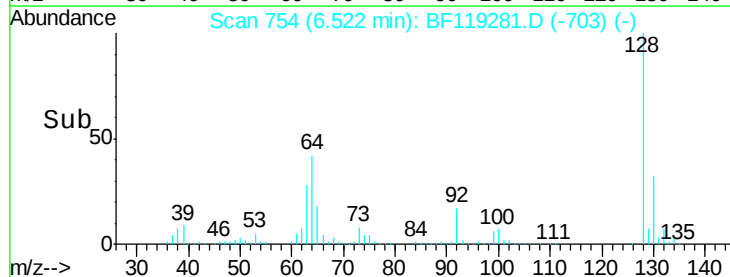
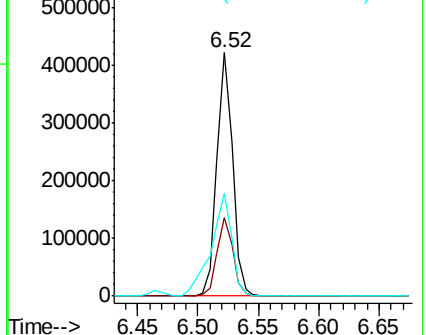
128 100

130 32.2 12.7 52.7

64 42.0 22.3 62.3



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: 26.981 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

ClientSampleId :

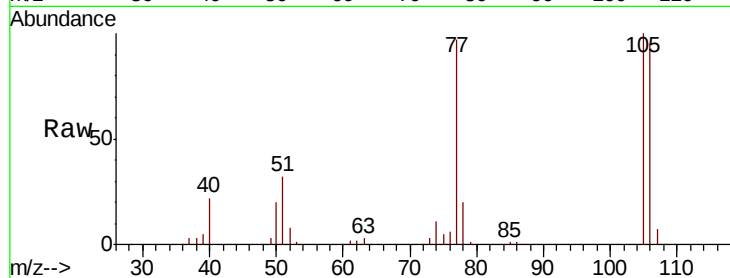
Tot Ion: 77 Resp: 158828

Ion Ratio Lower Upper

77 100

105 103.4 80.1 120.1

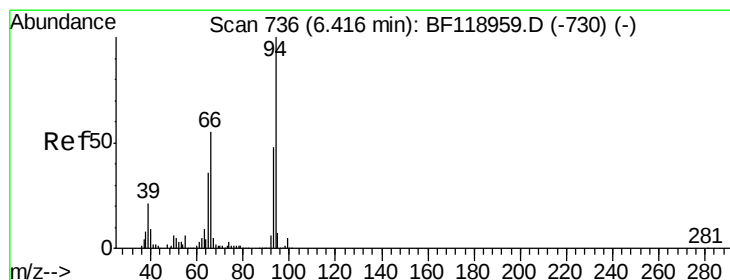
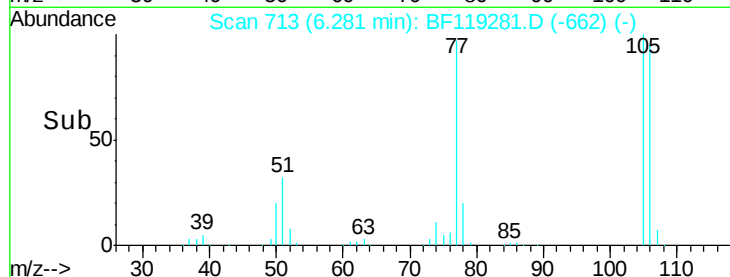
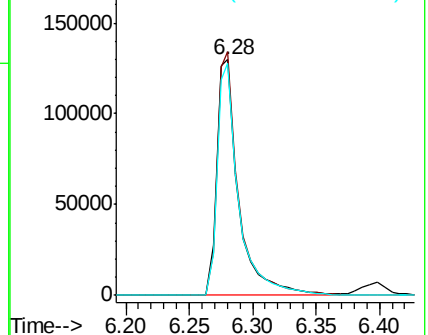
106 98.7 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.293 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

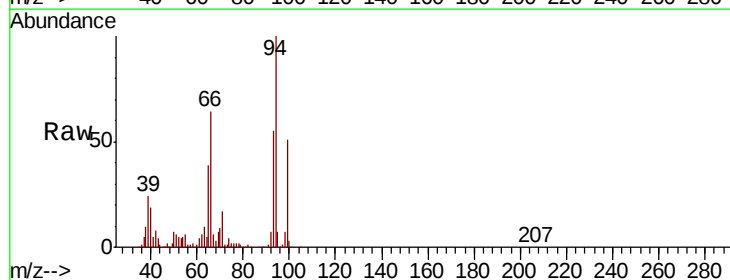
Tgt Ion: 94 Resp: 440991

Ion Ratio Lower Upper

94 100

65 38.6 19.2 59.2

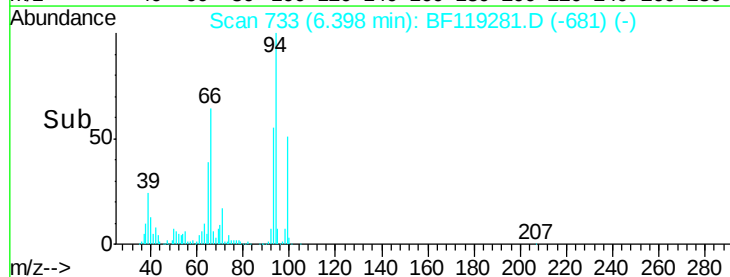
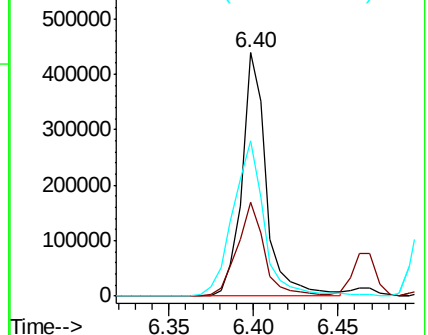
66 63.8 44.4 84.4

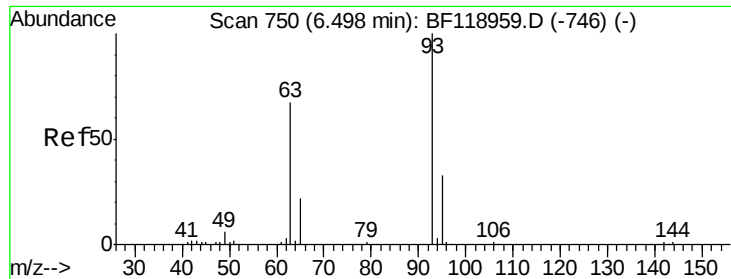


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

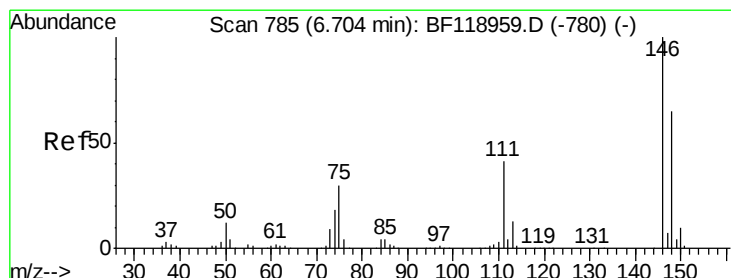
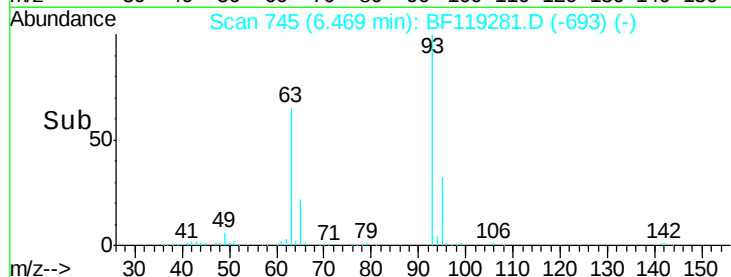
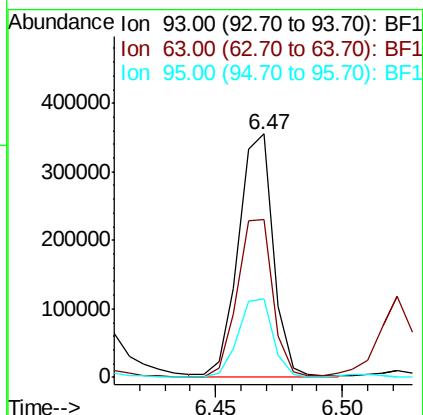
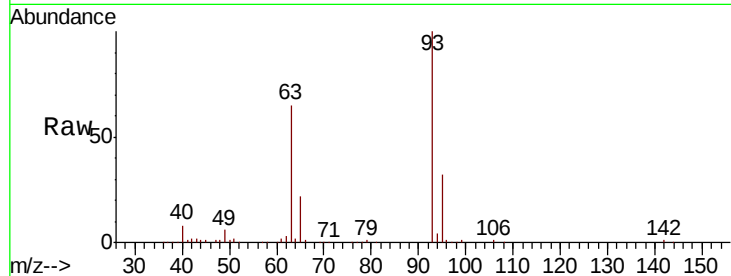




#11
bis(2-Chloroethyl)ether
Concen: 46.946 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

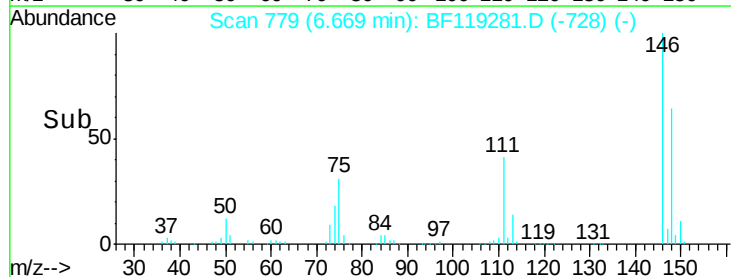
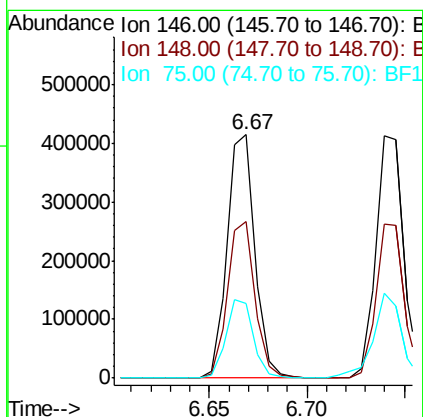
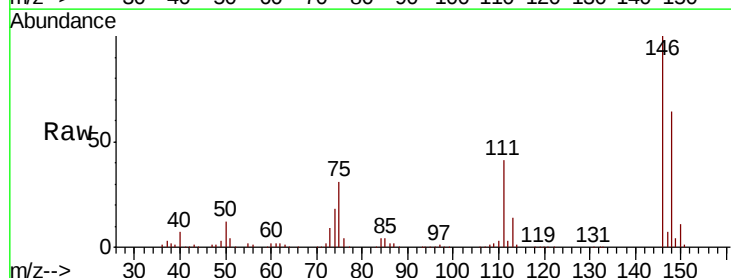
Instrument :
BNA_F
ClientSampleId :

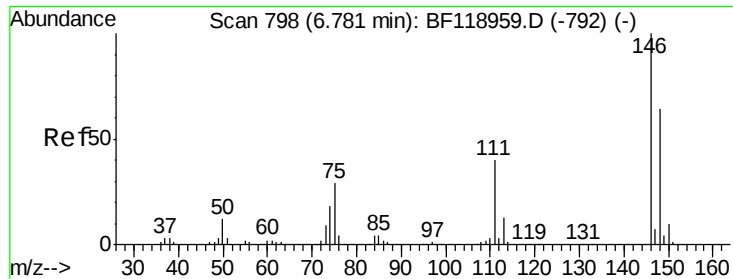
Tot Ion: 93 Resp: 342183
Ion Ratio Lower Upper
93 100
63 65.0 45.4 85.4
95 32.4 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 43.751 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion: 146 Resp: 409988
Ion Ratio Lower Upper
146 100
148 64.3 52.5 78.7
75 30.6 23.6 35.4

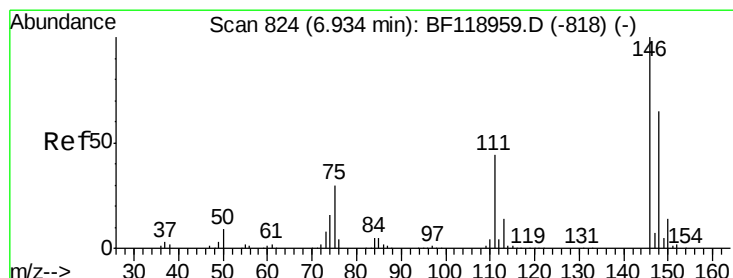
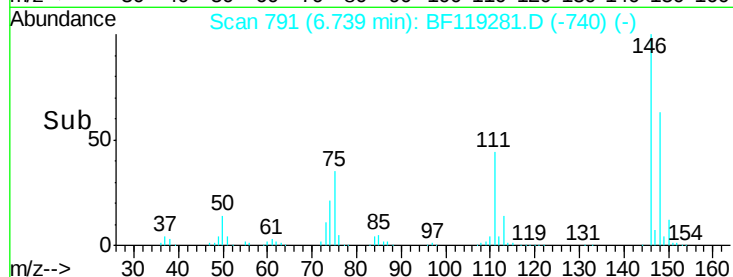
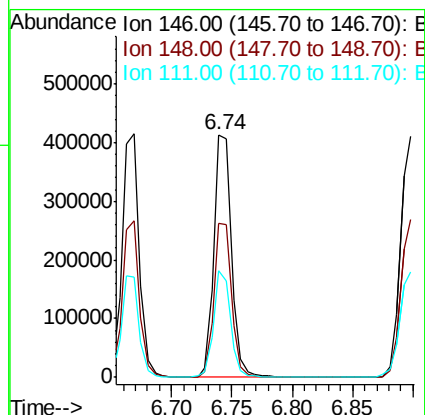
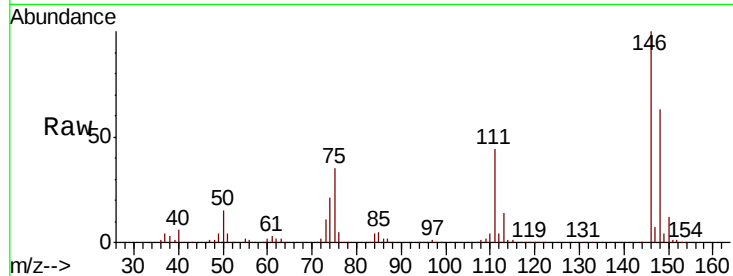




#13
 1,4-Dichlorobenzene
 Concen: 44.164 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

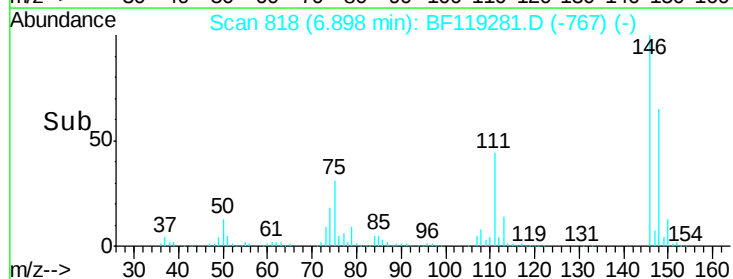
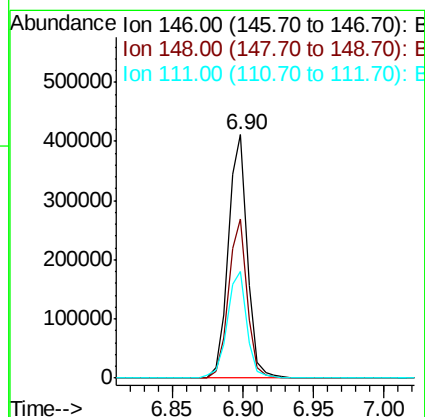
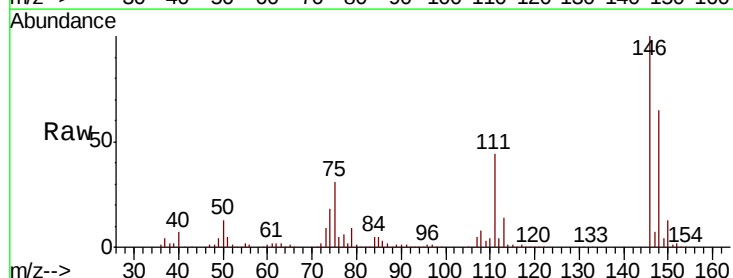
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 414136
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.1 76.7
 111 43.8 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 44.757 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Tgt Ion:146 Resp: 382767
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.9 77.9
 111 43.6 36.2 54.2

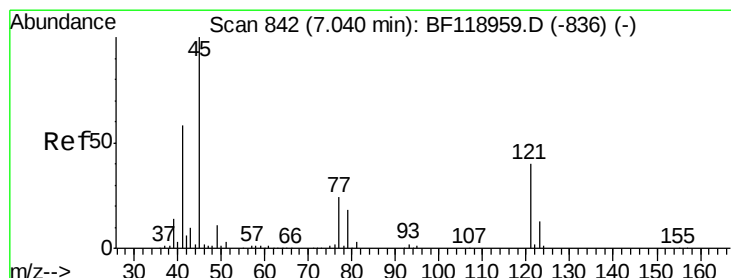
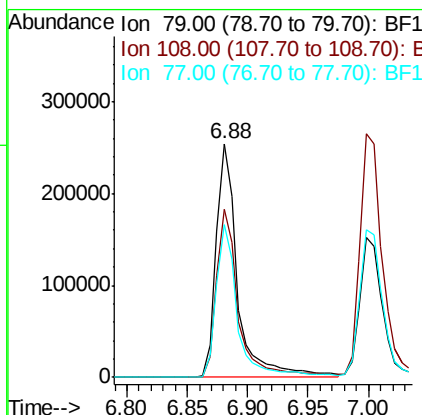
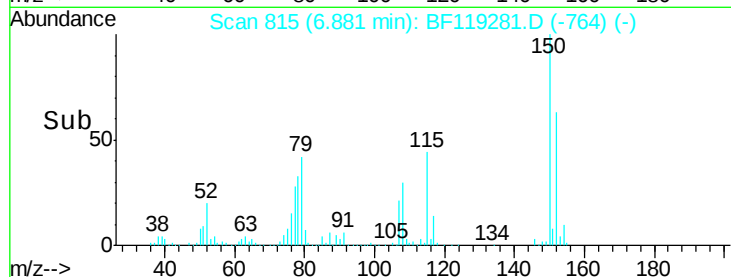
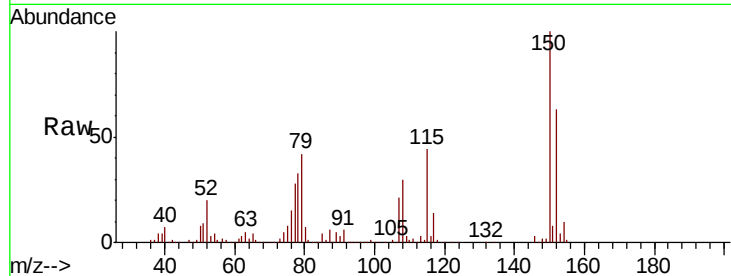




#15
Benzyl Alcohol
Concen: 49.080 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

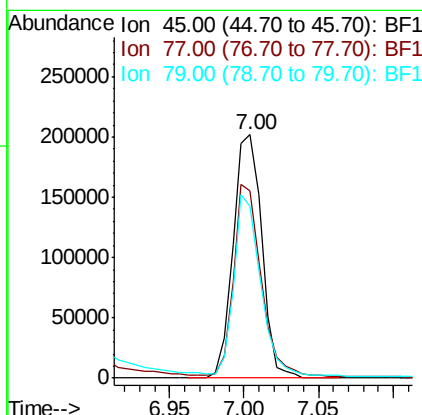
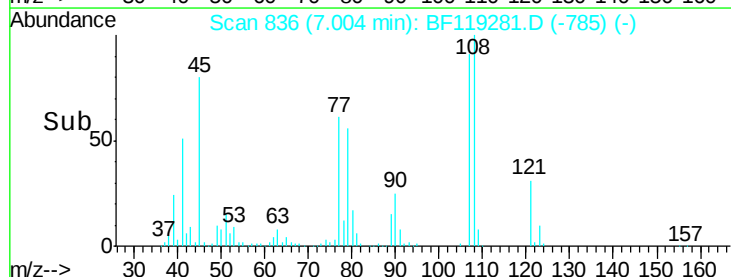
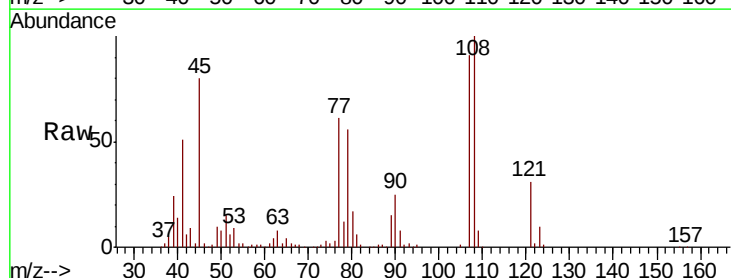
Instrument :
BNA_F
ClientSampleId :

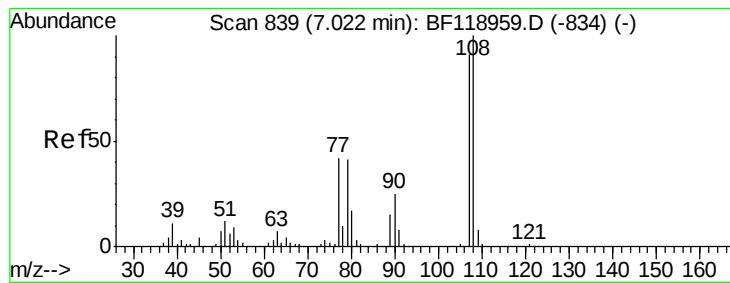
Tot Ion: 79 Resp: 312536
Ion Ratio Lower Upper
79 100
108 72.1 58.2 87.2
77 65.6 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.876 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion: 45 Resp: 270716
Ion Ratio Lower Upper
45 100
77 77.0 15.0 55.0#
79 70.4 9.4 49.4#

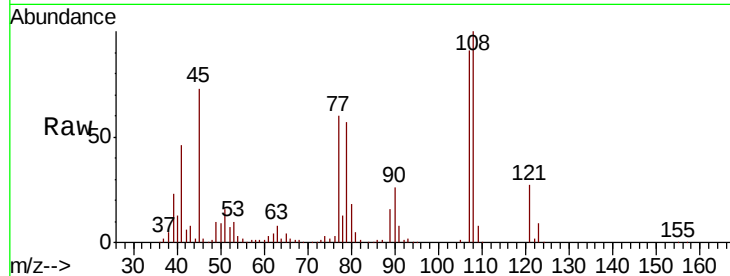




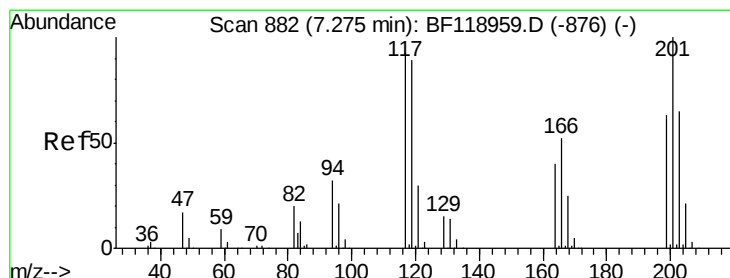
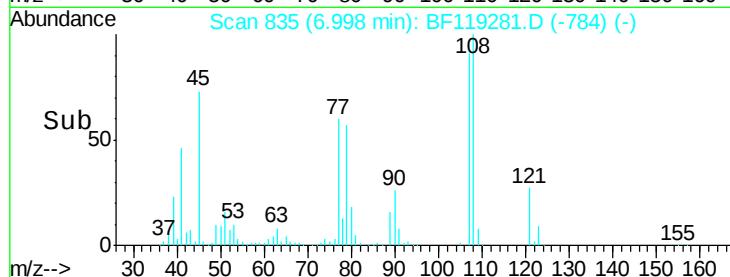
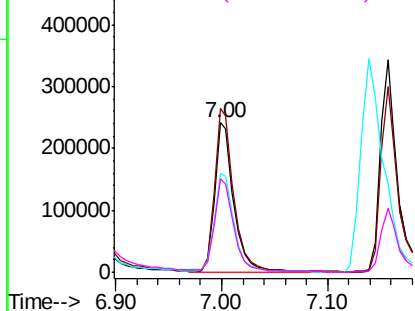
#17
2-Methylphenol
Concen: 48.358 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 306533
Ion Ratio Lower Upper
107 100
108 109.8 87.9 131.9
77 66.4 45.3 67.9
79 62.8 43.0 64.4

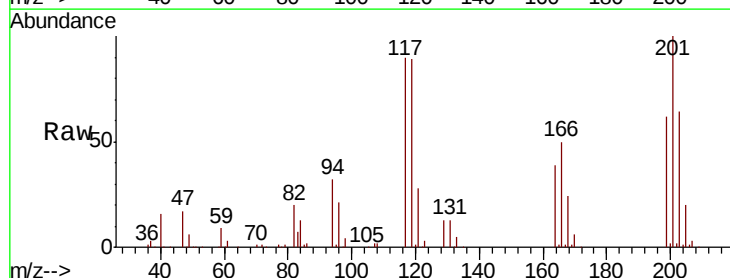


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

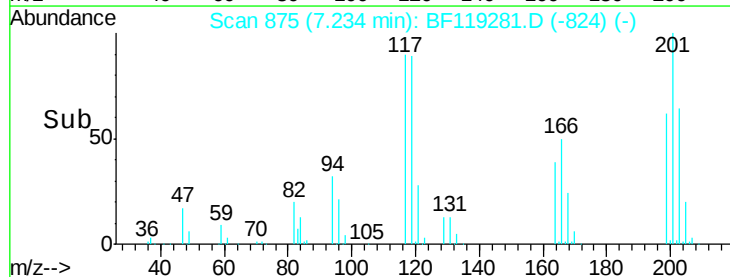
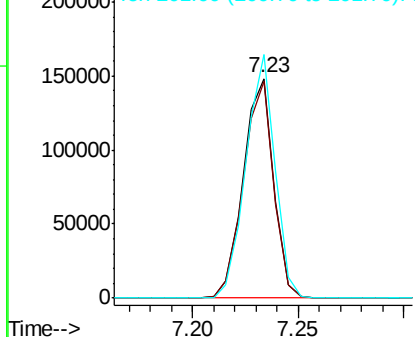


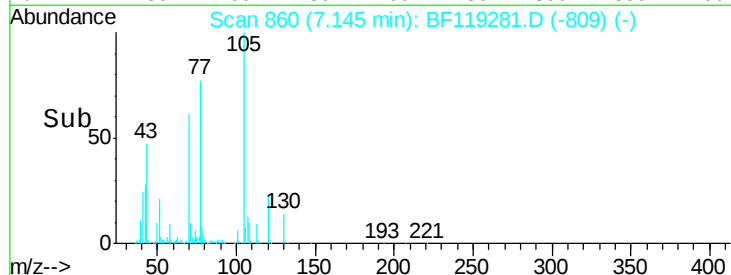
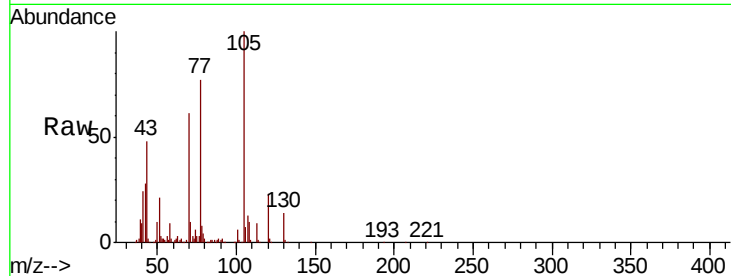
#18
Hexachloroethane
Concen: 43.936 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion:117 Resp: 147401
Ion Ratio Lower Upper
117 100
119 99.1 77.5 116.3
201 111.0 82.6 123.8



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

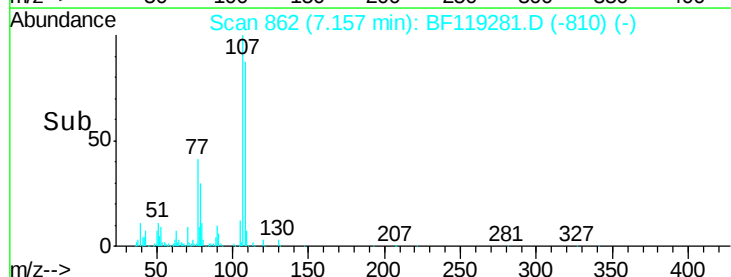
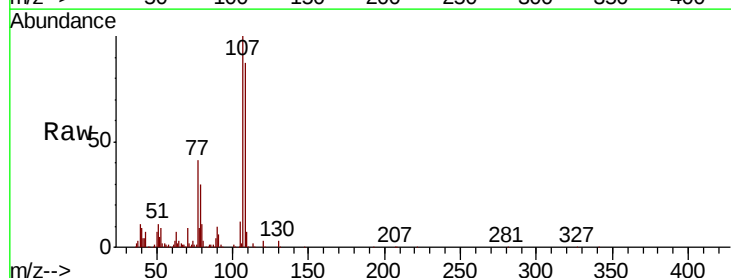
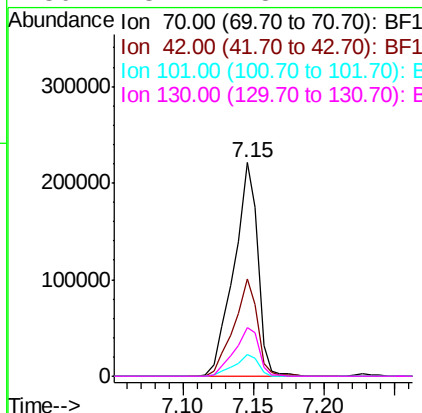




#19
n-Nitroso-di-n-propylamine
Concen: 50.759 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

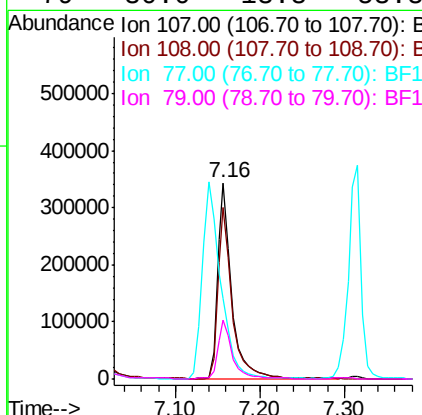
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 260604
Ion Ratio Lower Upper
70 100
42 45.8 38.0 57.0
101 10.2 8.2 12.4
130 23.1 18.2 27.4



#20
3+4-Methylphenols
Concen: 51.791 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion: 107 Resp: 402208
Ion Ratio Lower Upper
107 100
108 87.1 71.5 111.5
77 41.2 45.9 85.9#
79 30.0 13.8 53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 467965

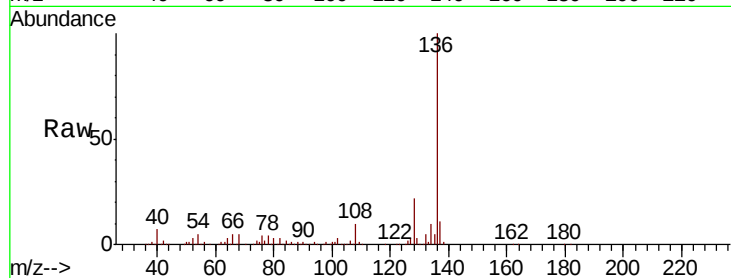
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 4.9 3.8 5.6

68 5.1 3.9 5.9

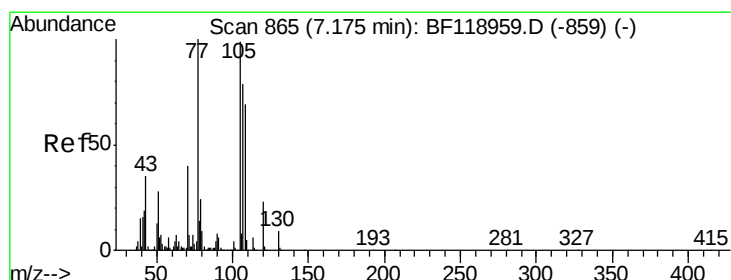
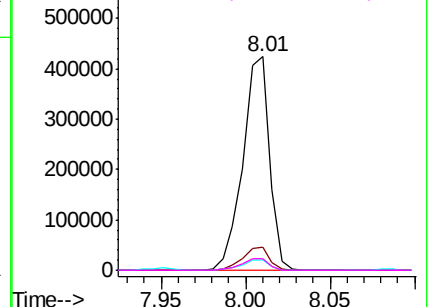
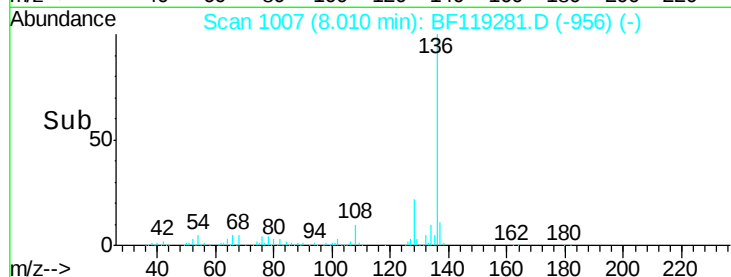


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.382 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Tgt Ion:105 Resp: 513030

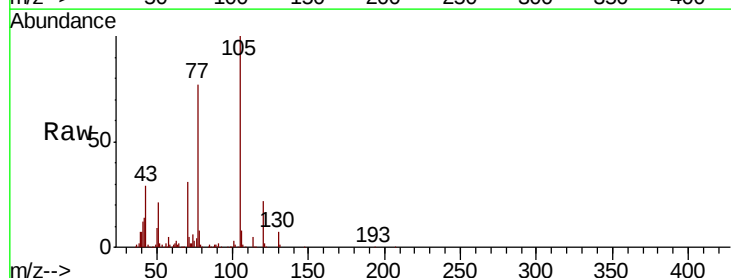
Ion Ratio Lower Upper

105 100

71 5.2 3.0 4.4#

51 20.5 20.1 30.1

120 22.2 18.0 27.0

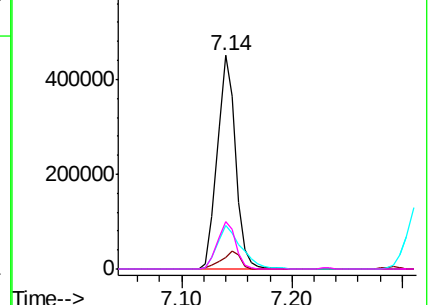
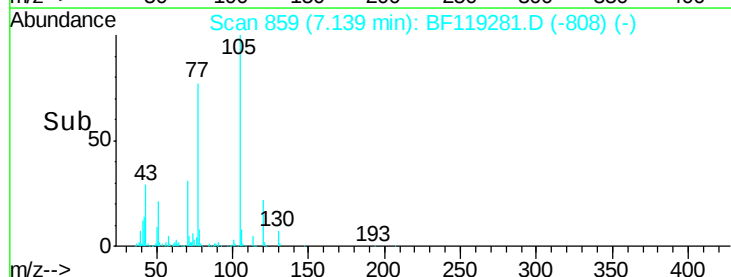


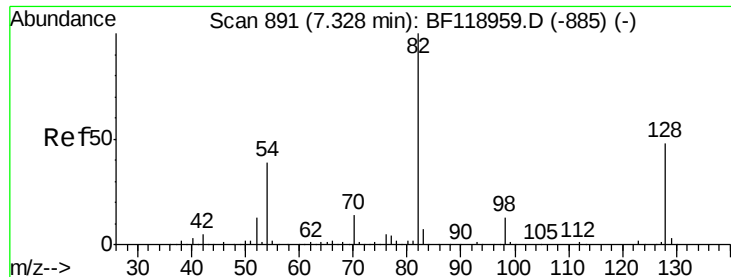
Abundance Ion 105.00 (104.70 to 105.70): E

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

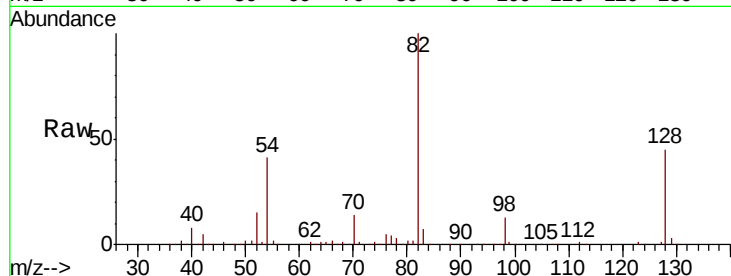




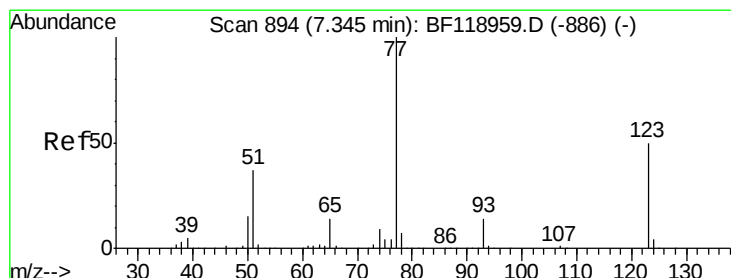
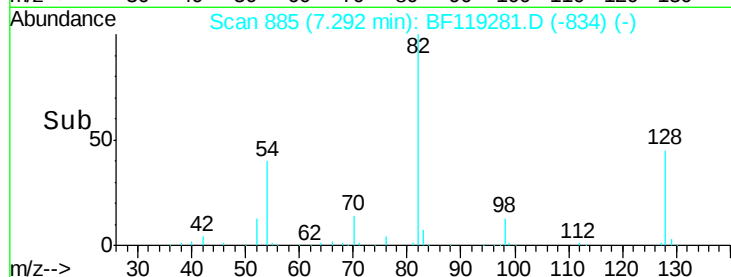
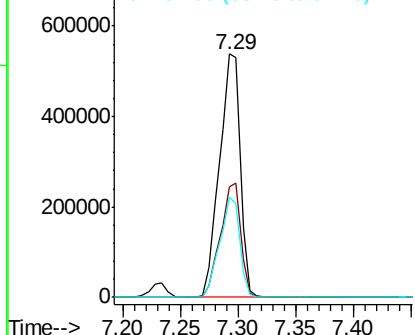
#23
 Nitrobenzene-d5
 Concen: 76.168 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 675079
 Ion Ratio Lower Upper
 82 100
 128 45.4 37.9 56.9
 54 40.9 33.4 50.2

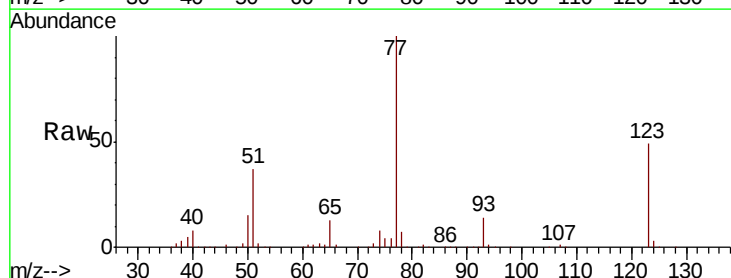


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

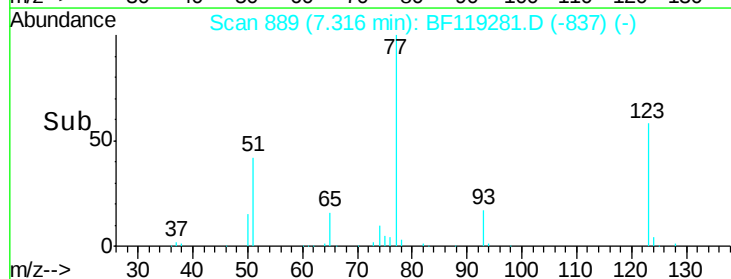
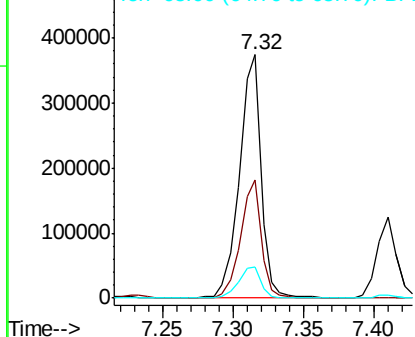


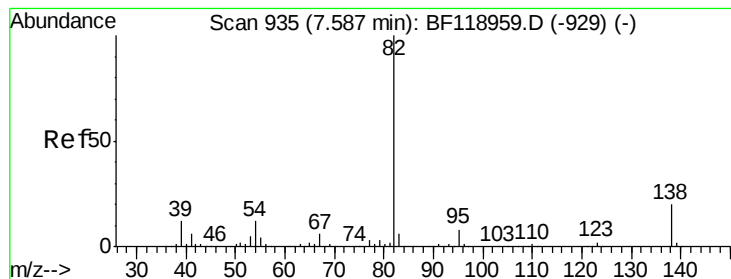
#24
 Nitrobenzene
 Concen: 45.308 ng
 RT: 7.32 min Scan# 889
 Delta R.T. 0.01 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Tgt Ion: 77 Resp: 397106
 Ion Ratio Lower Upper
 77 100
 123 48.5 40.2 60.2
 65 12.9 10.8 16.2



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





#25

Isophorone

Concen: 46.226 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

ClientSampleId :

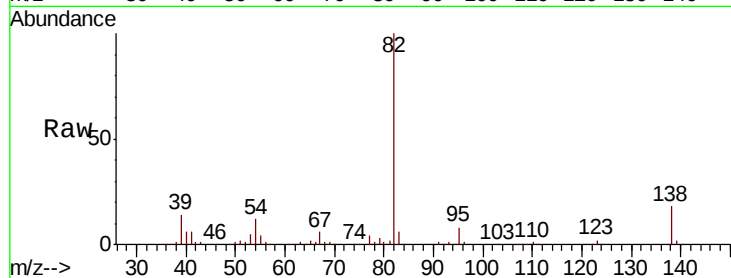
Tot Ion: 82 Resp: 711527

Ion Ratio Lower Upper

82 100

95 8.0 6.4 9.6

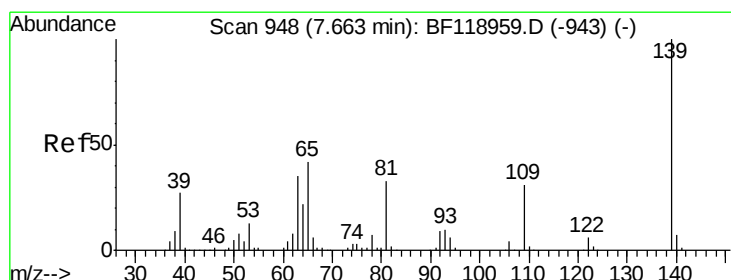
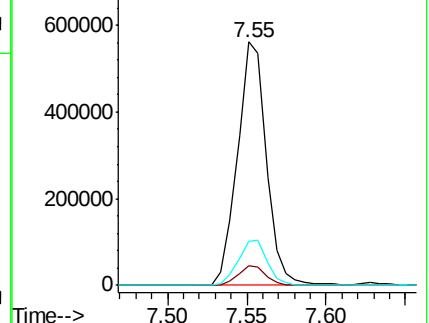
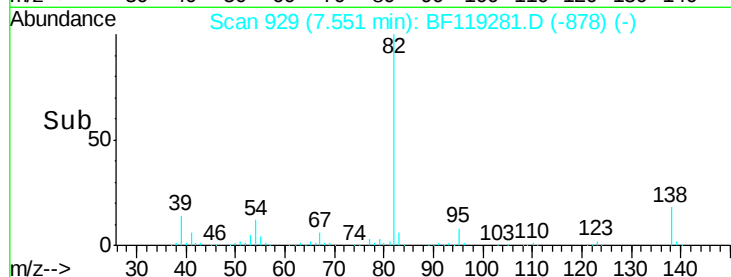
138 18.3 15.7 23.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.710 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

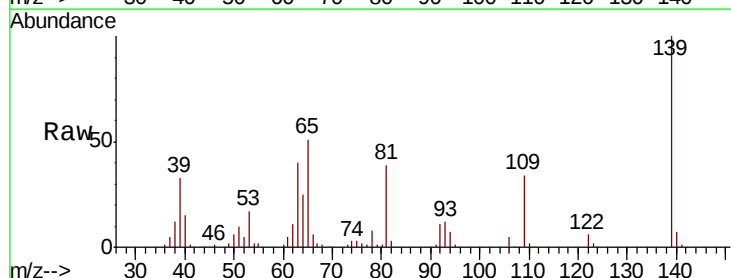
Tgt Ion: 139 Resp: 212271

Ion Ratio Lower Upper

139 100

109 33.8 25.7 38.5

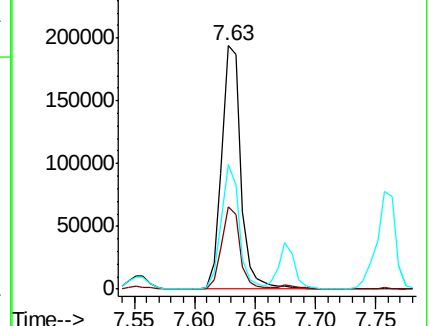
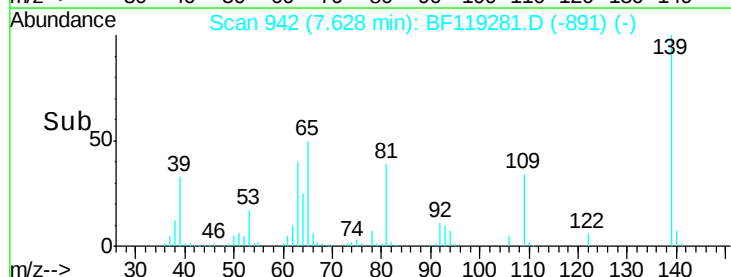
65 51.3 37.1 55.7

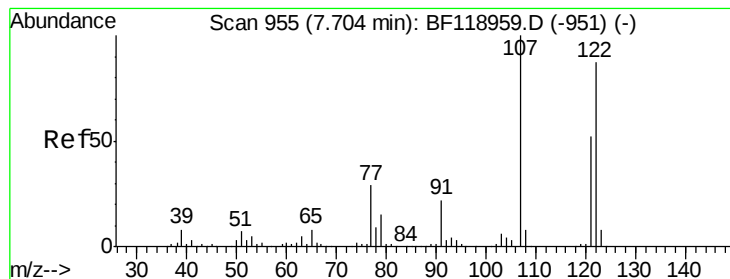


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 51.768 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

ClientSampleId :

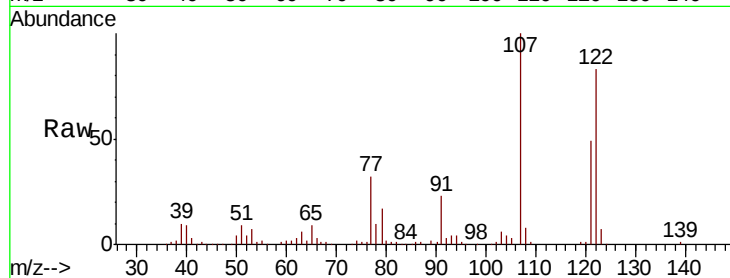
Tot Ion:122 Resp: 326274

Ion Ratio Lower Upper

122 100

107 121.1 93.8 140.6

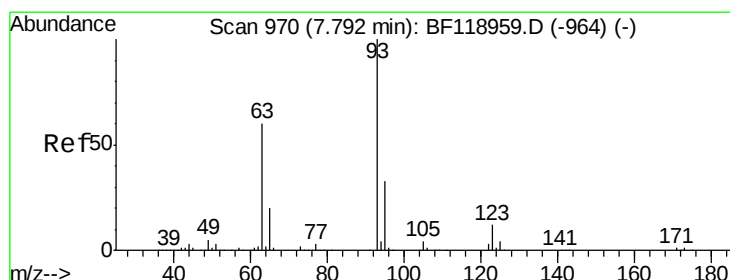
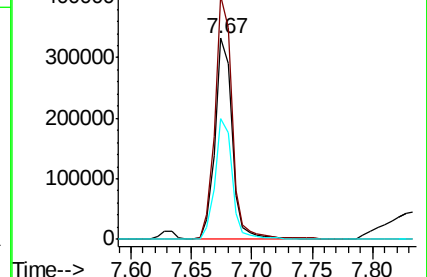
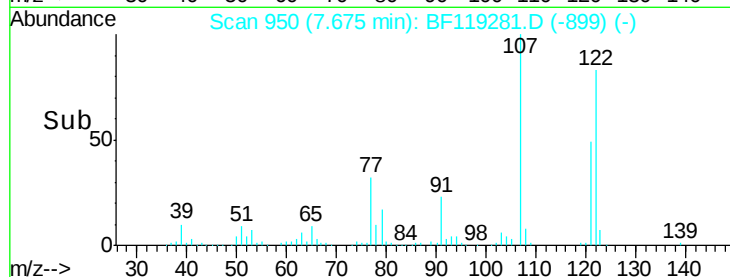
121 59.7 48.2 72.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.360 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

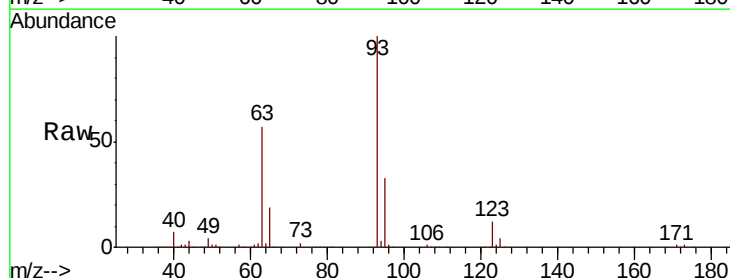
Tgt Ion: 93 Resp: 434420

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

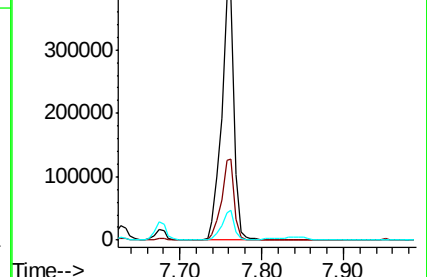
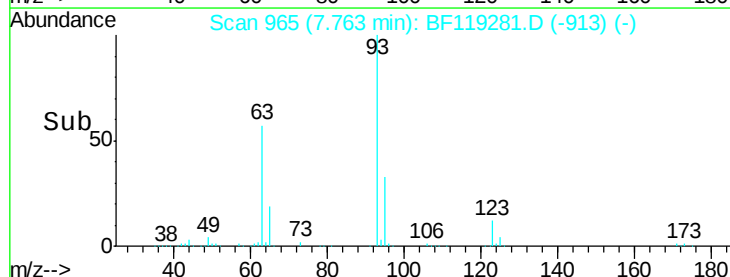
123 12.5 10.2 15.2

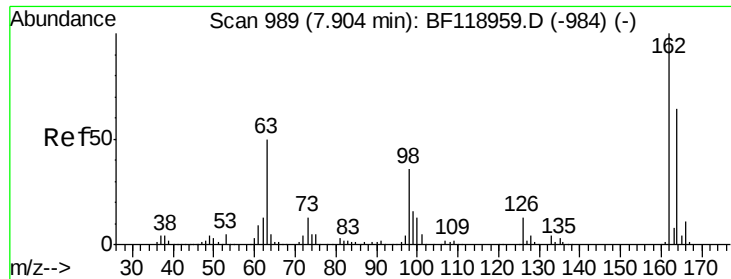


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

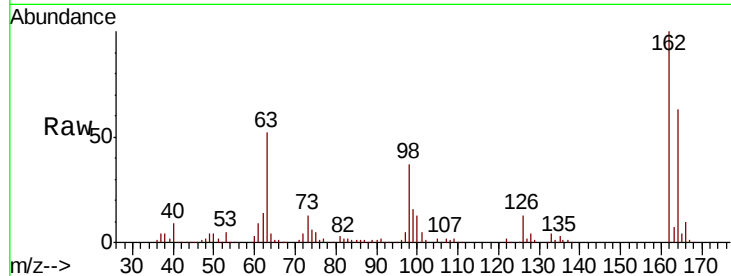




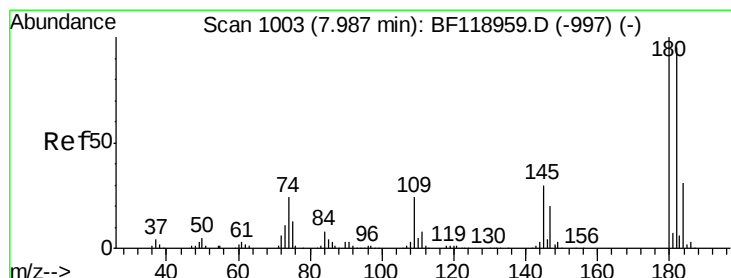
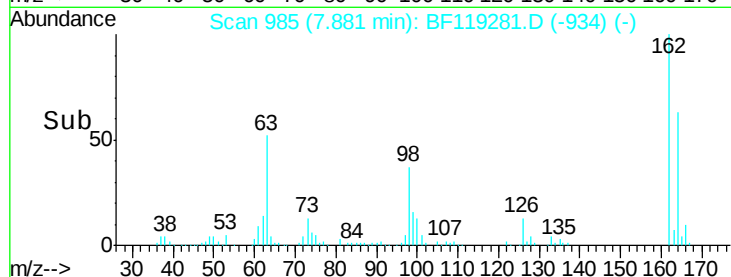
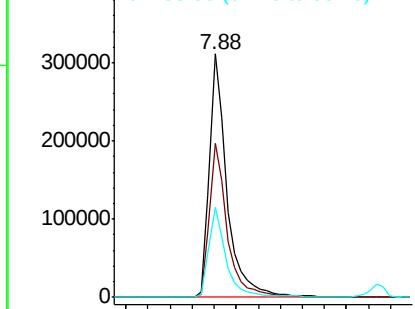
#29
2,4-Dichlorophenol
Concen: 45.417 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	45.2	85.2
98	37.1	17.4	57.4

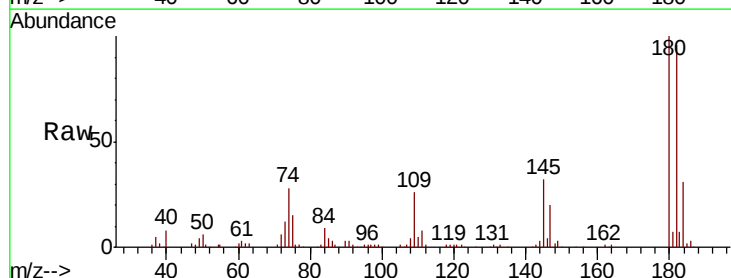


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

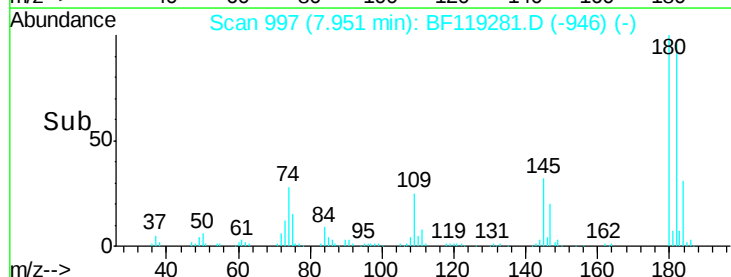
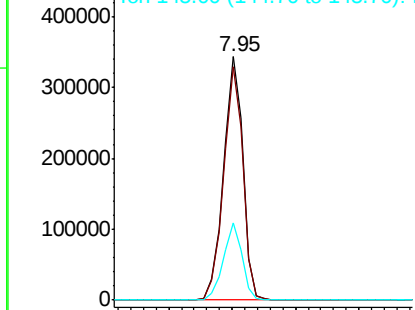


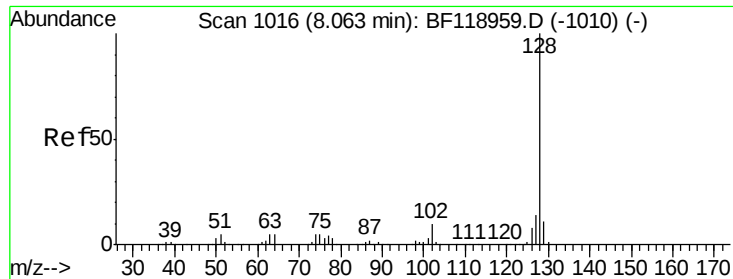
#30
1,2,4-Trichlorobenzene
Concen: 41.304 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.8	116.6
145	31.7	25.2	37.8



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

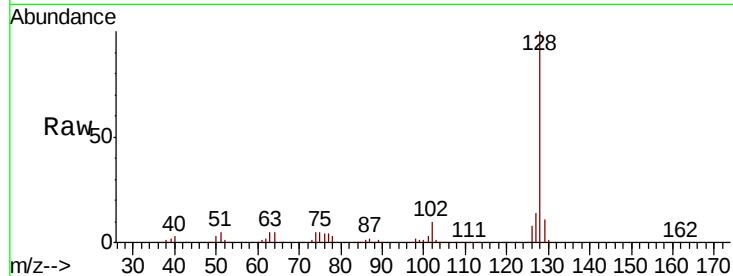




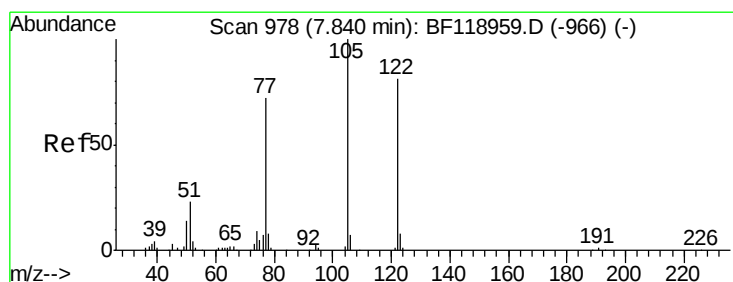
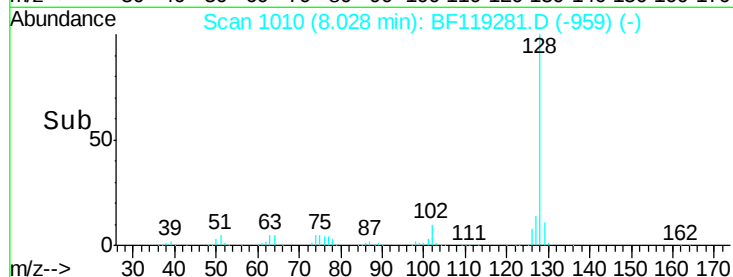
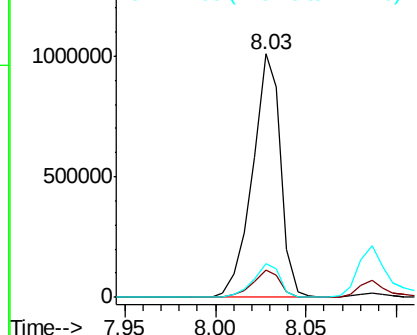
#31
Naphthalene
Concen: 44.760 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1086310
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.6 11.4 17.2

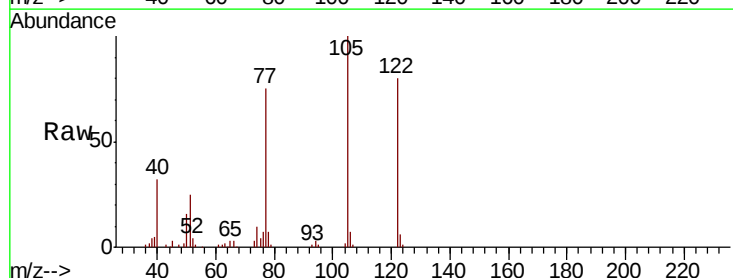


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

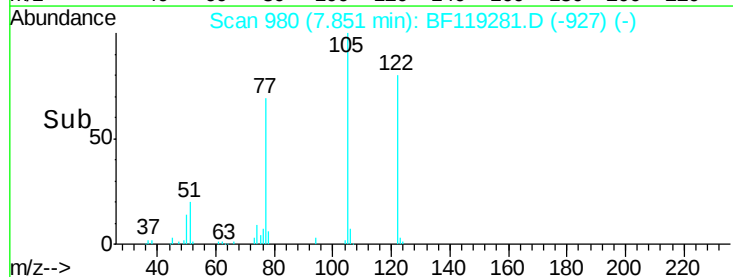
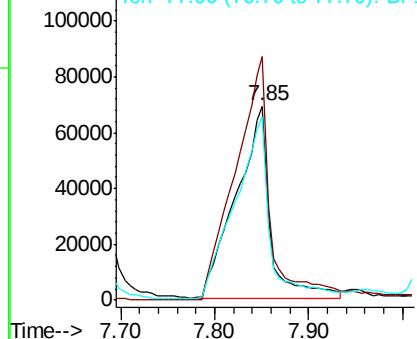


#32
Benzoic acid
Concen: 39.107 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion:122 Resp: 173233
Ion Ratio Lower Upper
122 100
105 125.7 106.3 146.3
77 94.6 73.1 113.1



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

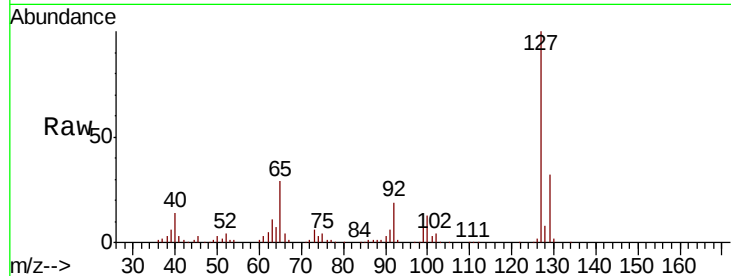




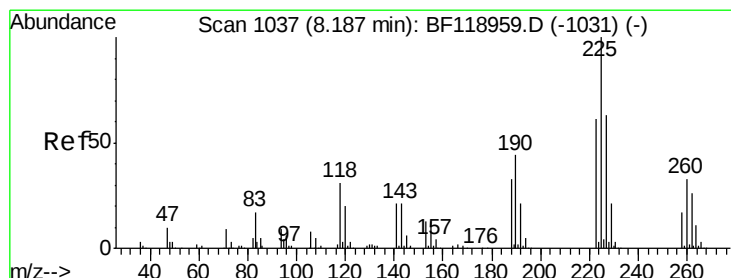
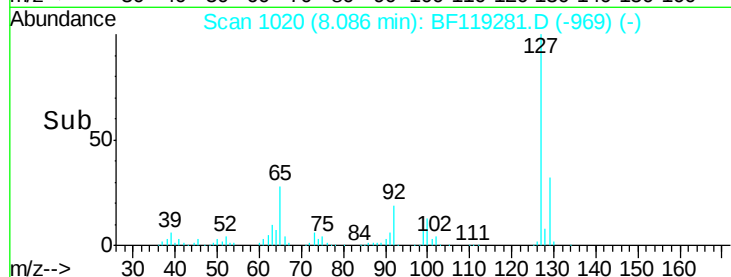
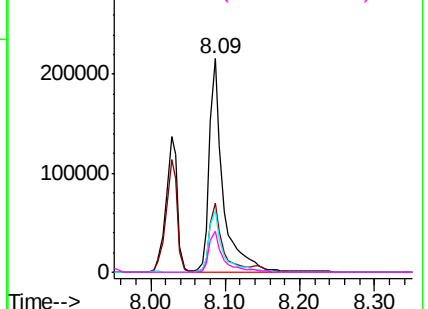
#33
4-Chloroaniline
Concen: 26.542 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	277062
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	28.5	23.9	35.9
92	19.1	16.3	24.5

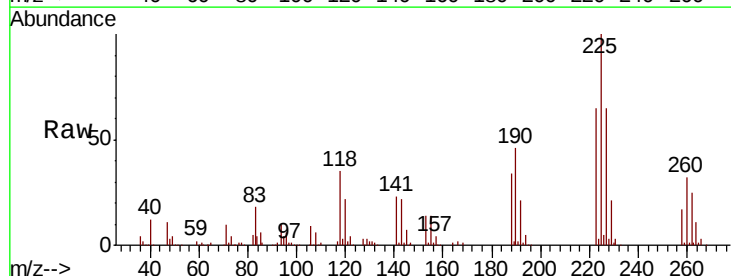


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

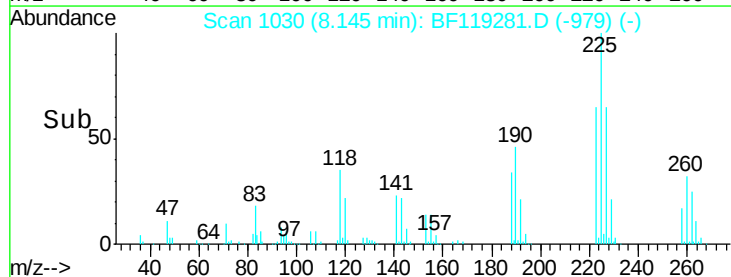
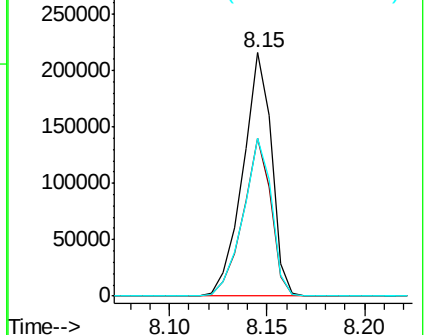


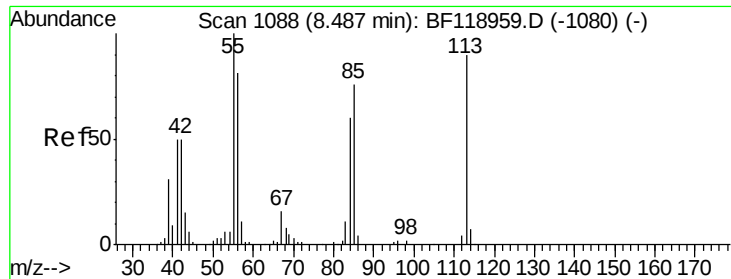
#34
Hexachlorobutadiene
Concen: 40.081 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion:	225	Resp:	219631
Ion	Ratio	Lower	Upper
225	100		
223	64.6	49.4	74.2
227	65.0	52.9	79.3



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

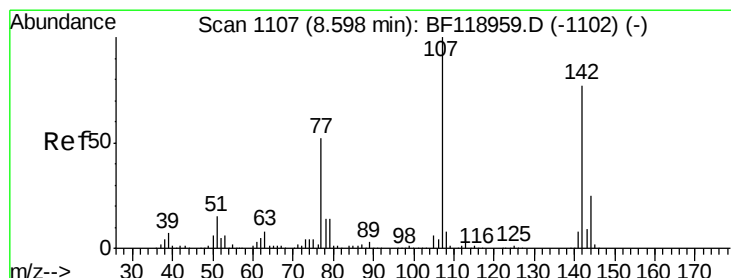
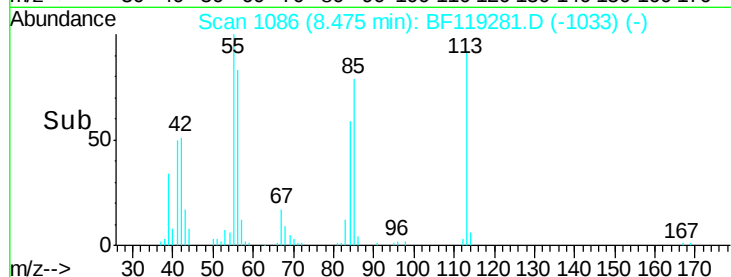
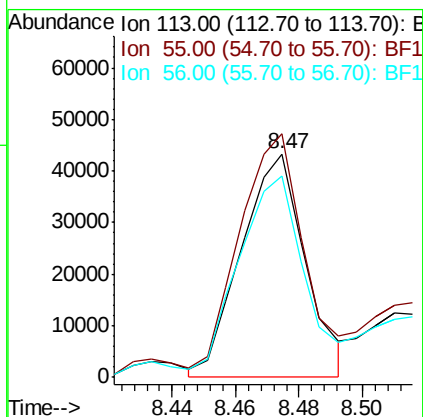
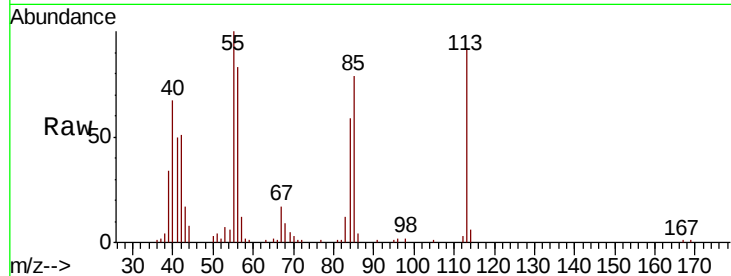




#35
 Caprolactam
 Concen: 26.491 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. 0.01 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

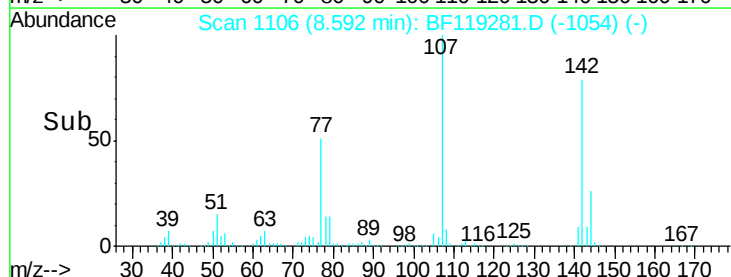
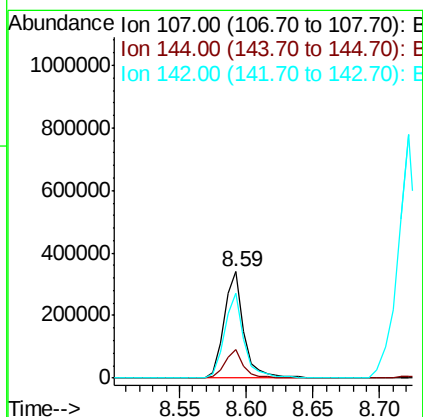
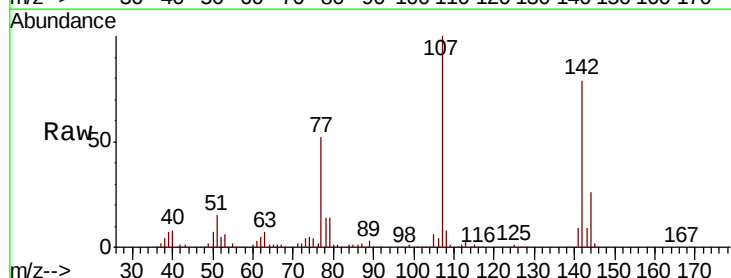
Instrument :
 BNA_F
 ClientSampleId :

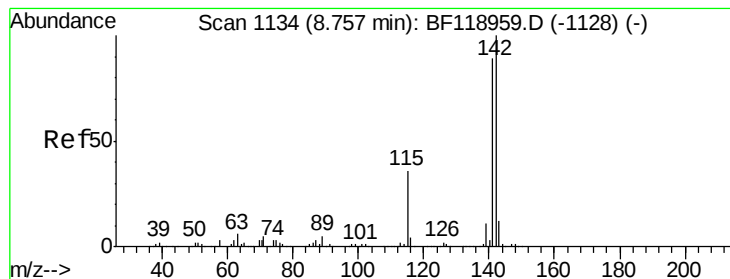
Tot Ion:113 Resp: 60523
 Ion Ratio Lower Upper
 113 100
 55 108.9 95.7 135.7
 56 90.1 73.1 113.1



#36
 4-Chloro-3-methylphenol
 Concen: 47.743 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Tgt Ion:107 Resp: 358507
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.1 30.1
 142 79.4 61.4 92.2





#37

2-Methylnaphthalene

Concen: 45.925 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

ClientSampleId :

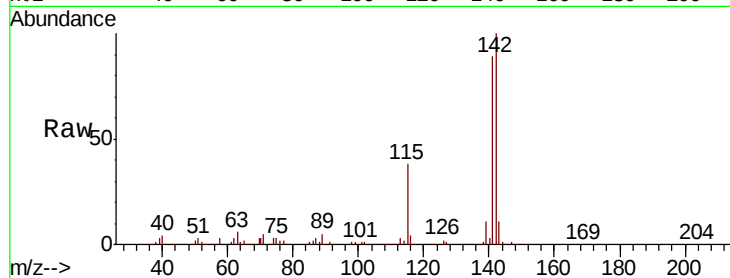
Tot Ion:142 Resp: 750070

Ion Ratio Lower Upper

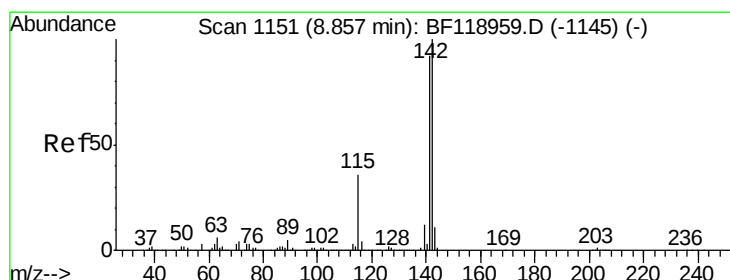
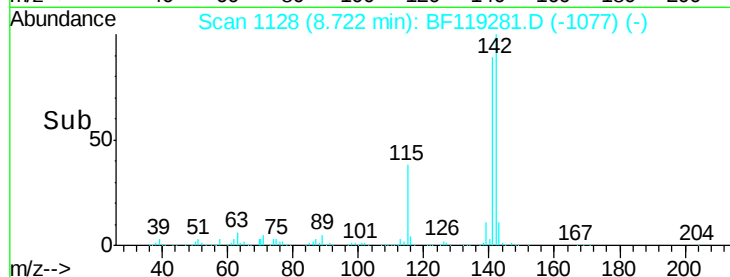
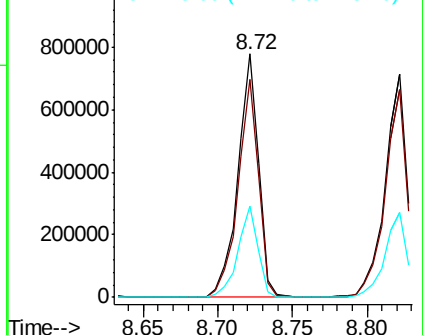
142 100

141 89.4 72.3 108.5

115 37.6 30.6 45.8



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: 45.929 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

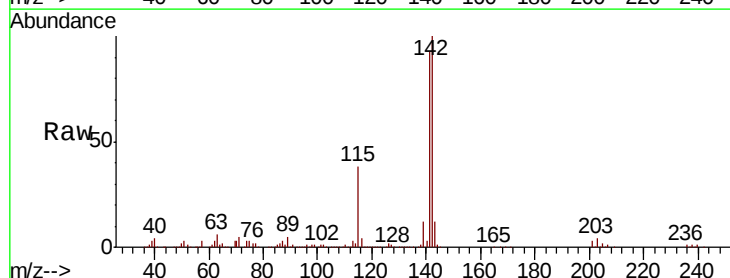
Tgt Ion:142 Resp: 705466

Ion Ratio Lower Upper

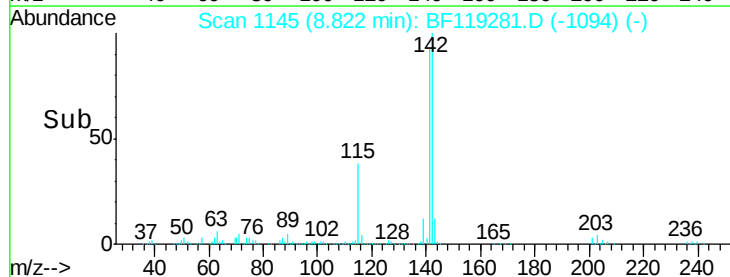
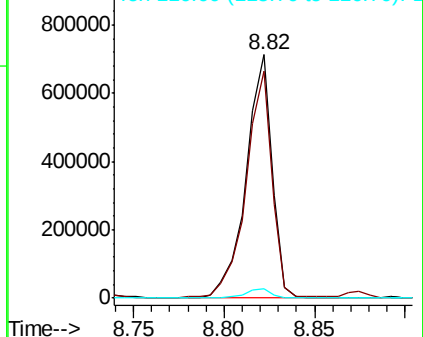
142 100

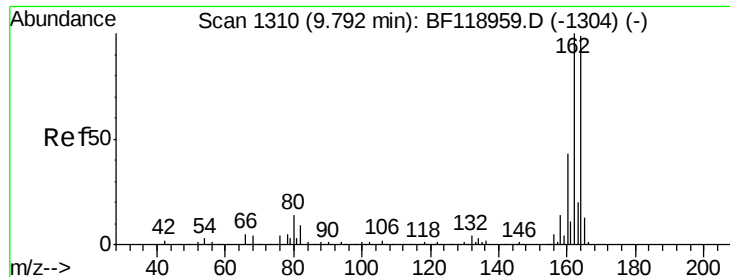
141 93.1 75.8 113.6

116 3.8 3.1 4.7



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

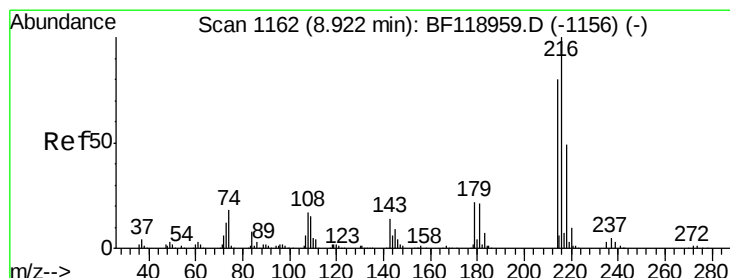
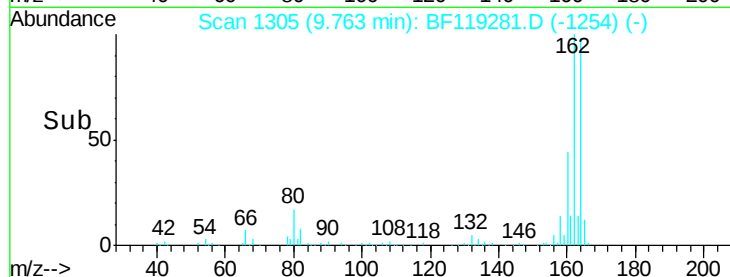
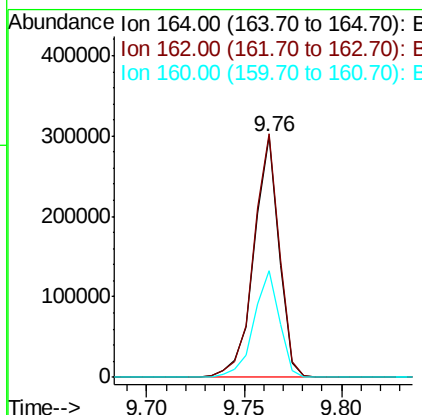
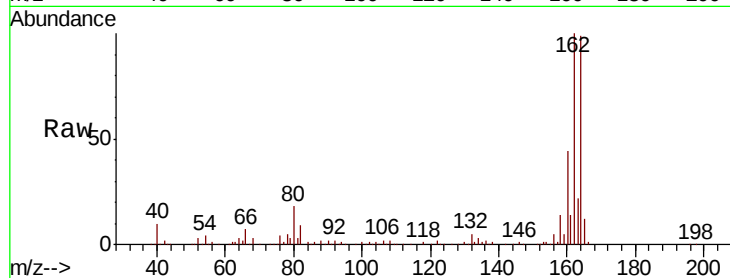




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

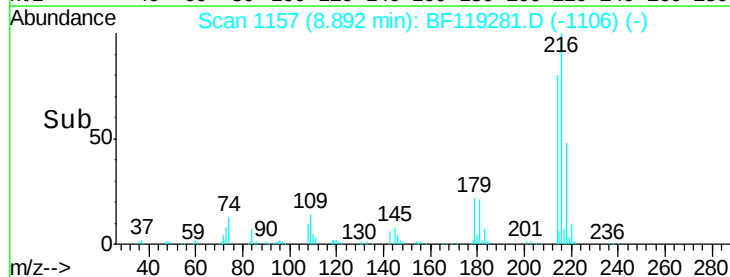
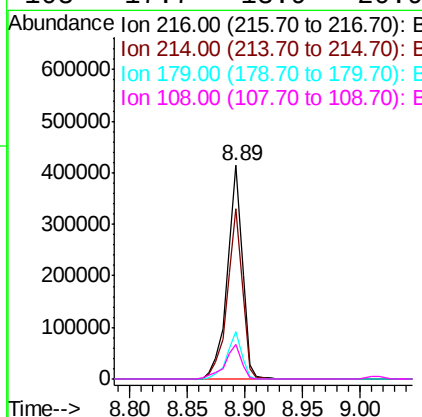
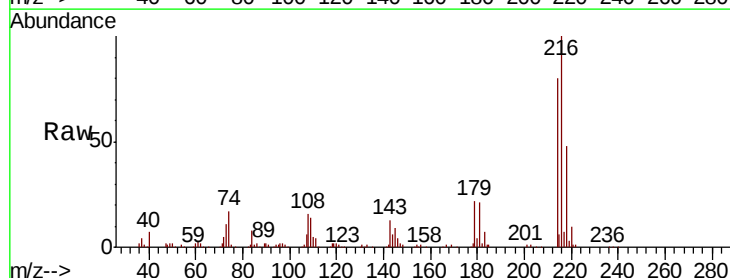
Instrument :
 BNA_F
 ClientSampleId :

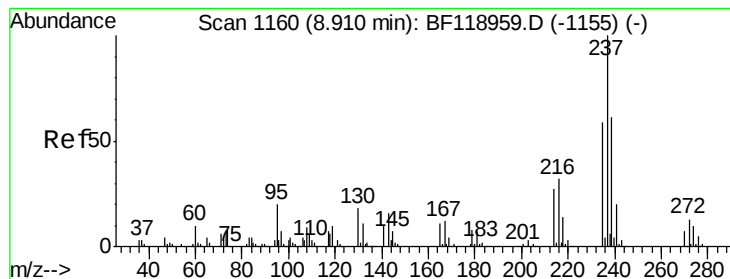
Tot Ion:164 Resp: 266449
 Ion Ratio Lower Upper
 164 100
 162 101.2 81.8 122.8
 160 44.1 36.0 54.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.866 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Tgt Ion:216 Resp: 376103
 Ion Ratio Lower Upper
 216 100
 214 79.1 63.3 94.9
 179 21.8 17.7 26.5
 108 17.7 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 45.862 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

ClientSampleId :

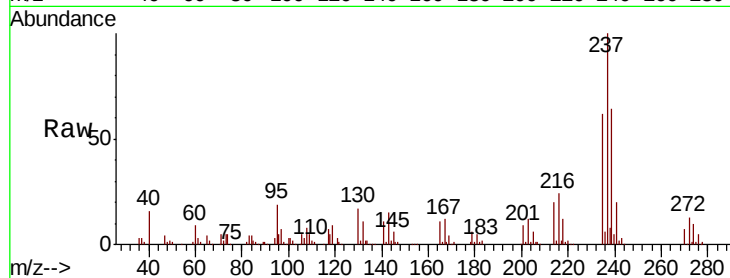
Tot Ion:237 Resp: 135116

Ion Ratio Lower Upper

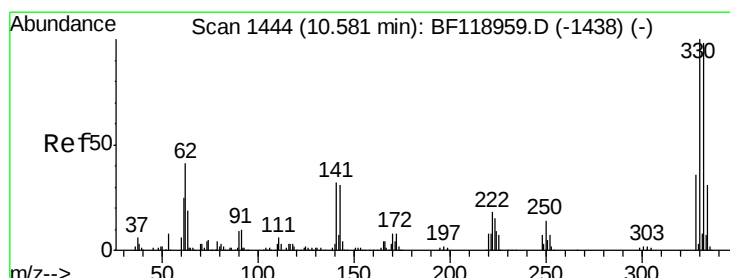
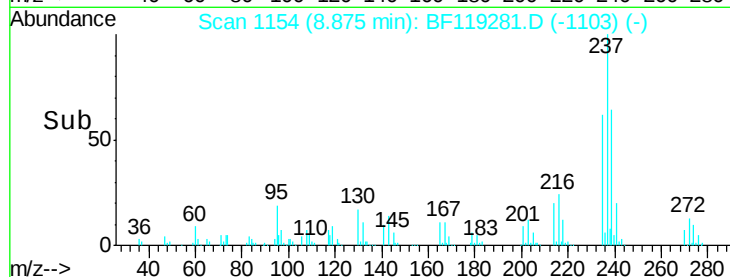
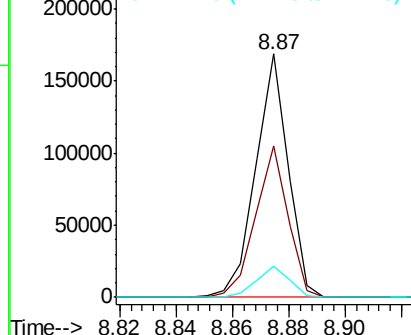
237 100

235 62.0 42.3 82.3

272 12.9 0.0 33.5



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: 120.967 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

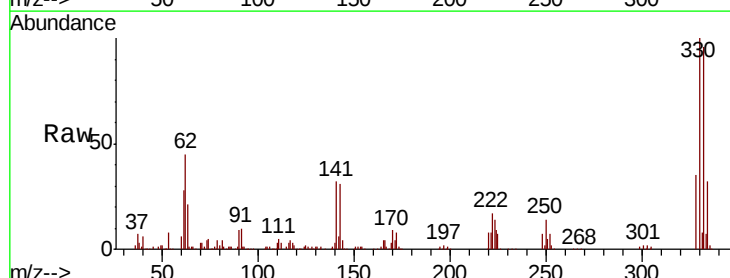
Tgt Ion:330 Resp: 421643

Ion Ratio Lower Upper

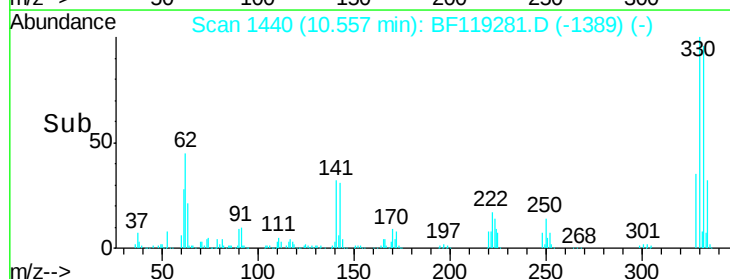
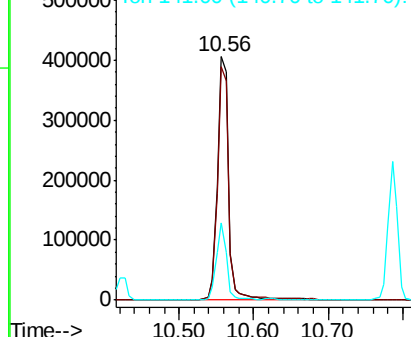
330 100

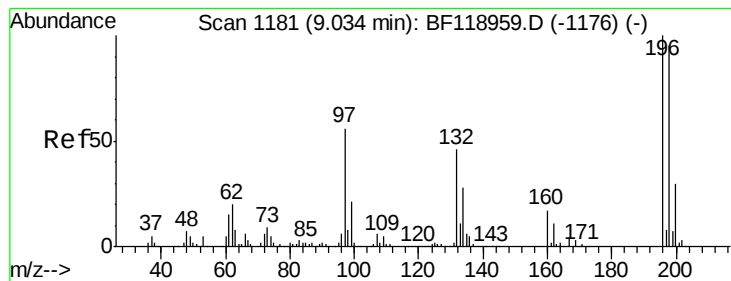
332 95.2 76.0 114.0

141 28.7 22.9 34.3



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





#43

2,4,6-Trichlorophenol

Concen: 41.314 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

ClientSampleId :

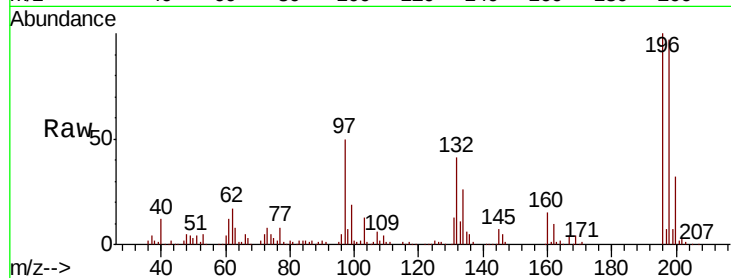
Tot Ion:196 Resp: 234375

Ion Ratio Lower Upper

196 100

198 96.8 77.1 115.7

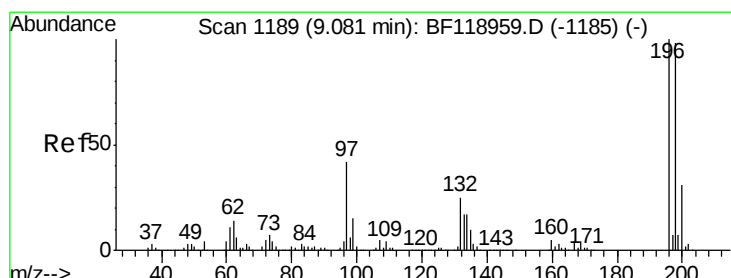
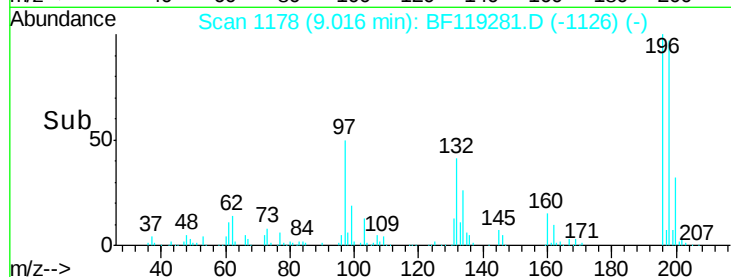
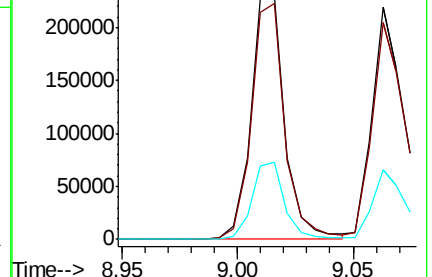
200 31.6 25.0 37.6



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: 40.920 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Tgt Ion:196 Resp: 243598

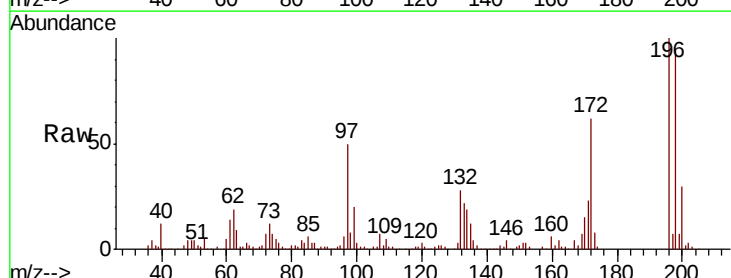
Ion Ratio Lower Upper

196 100

198 93.5 76.8 115.2

97 50.0 38.5 57.7

132 28.2 22.2 33.4

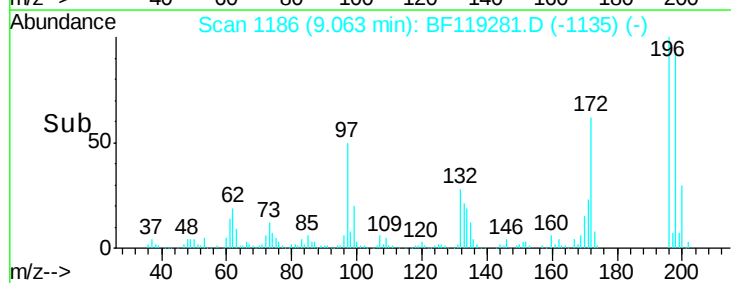
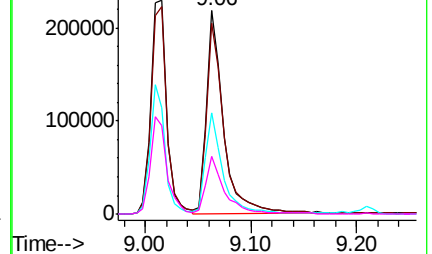


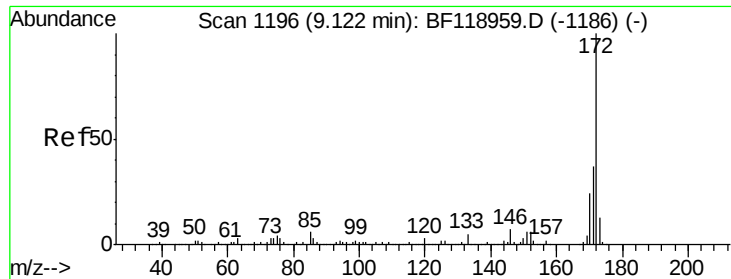
Abundance Ion 196.00 (195.70 to 196.70): E

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

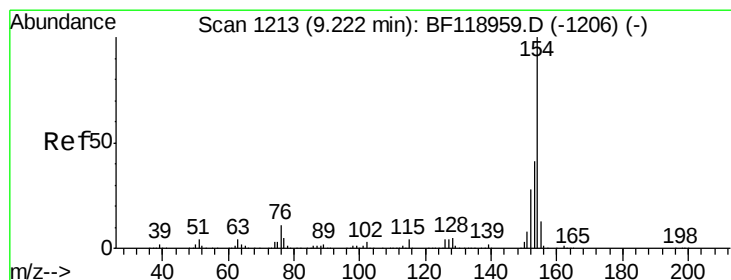
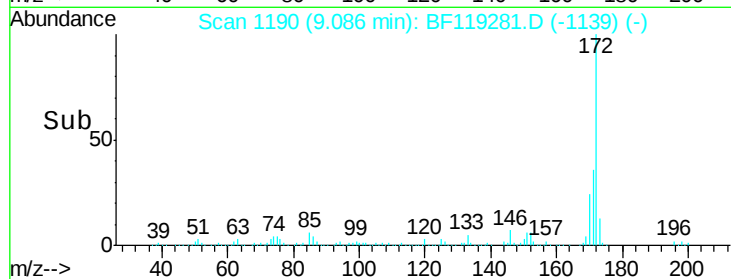
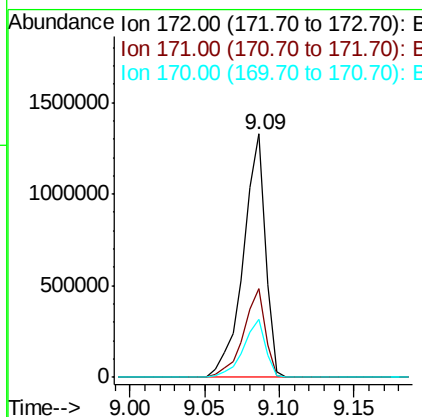
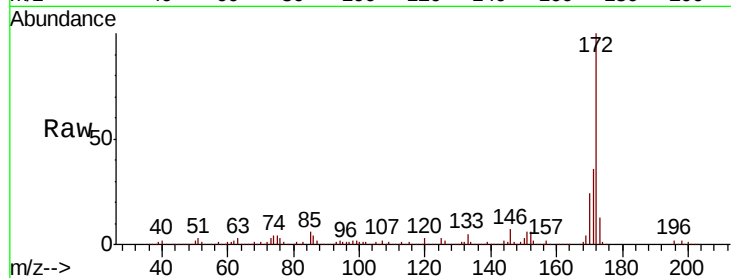




#45
2-Fluorobiphenyl
Concen: 75.238 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

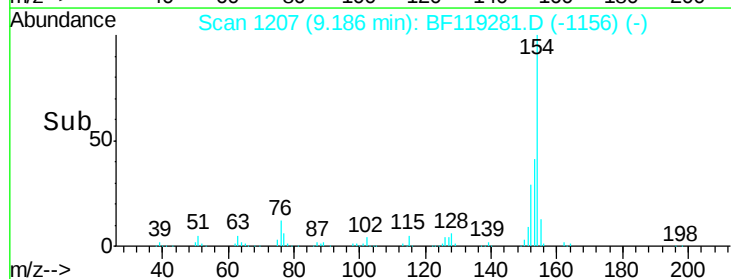
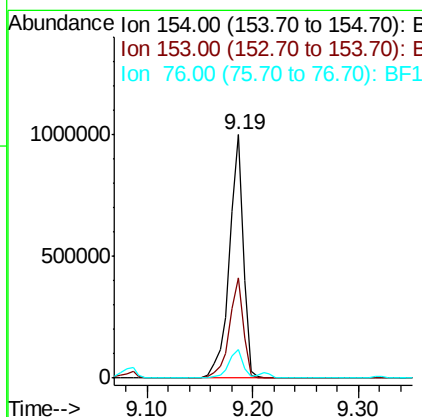
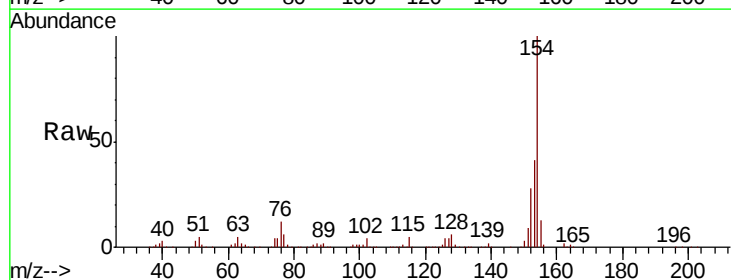
Instrument :
BNA_F
ClientSampleId :

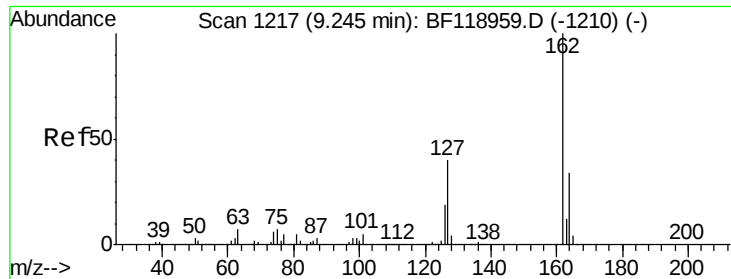
Tot Ion:172 Resp: 1360818
Ion Ratio Lower Upper
172 100
171 36.4 30.6 45.8
170 23.8 20.2 30.2



#46
1,1'-Biphenyl
Concen: 42.133 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion:154 Resp: 907318
Ion Ratio Lower Upper
154 100
153 41.2 22.8 62.8
76 11.8 0.0 32.2

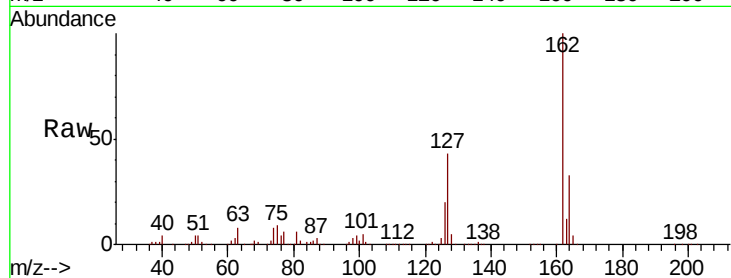




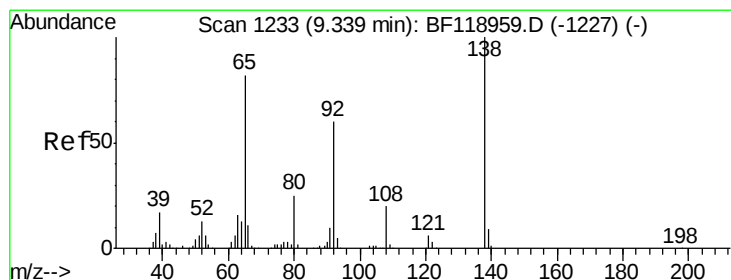
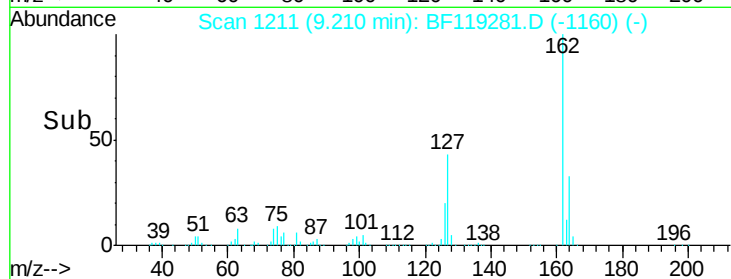
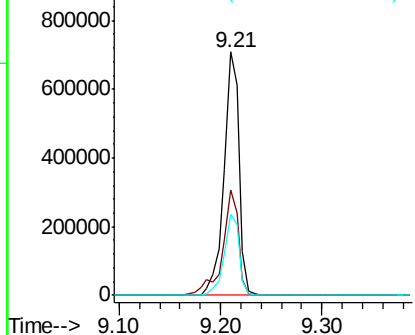
#47
 2-Chloronaphthalene
 Concen: 41.952 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.1	35.0	52.4
164	33.4	27.2	40.8

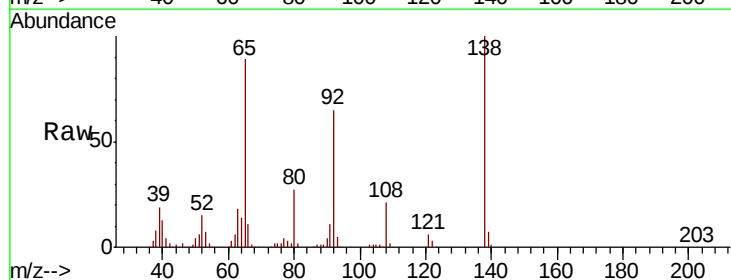


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

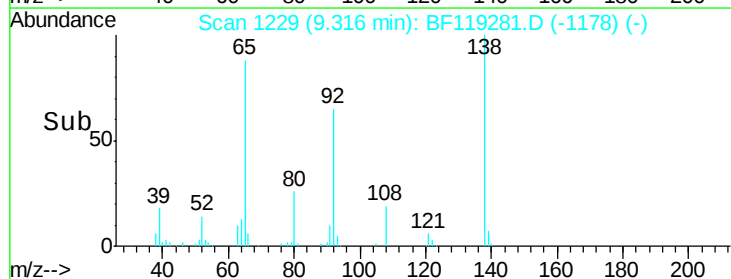
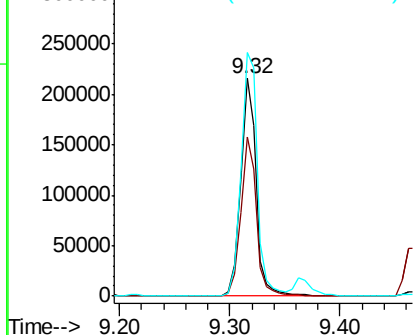


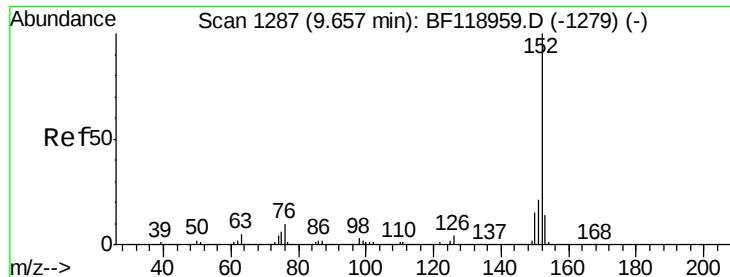
#48
 2-Nitroaniline
 Concen: 44.069 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.8	58.2	87.2
138	111.8	95.6	143.4



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: 44.005 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

ClientSampled :

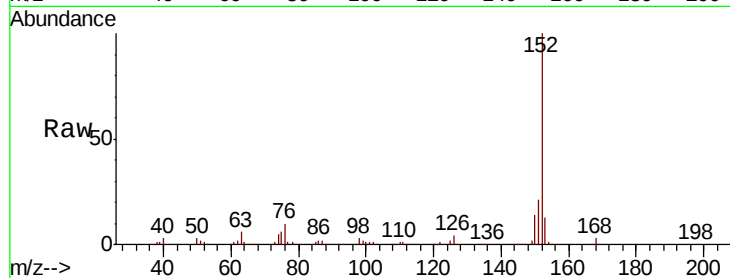
Tot Ion:152 Resp: 1102929

Ion Ratio Lower Upper

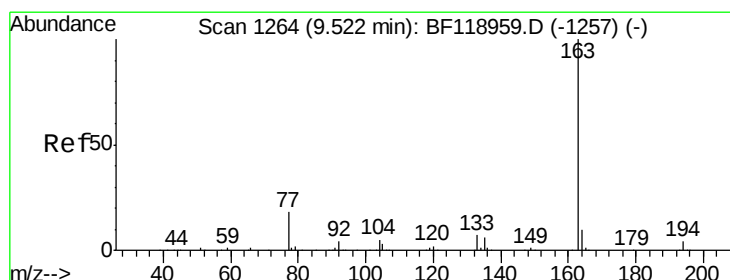
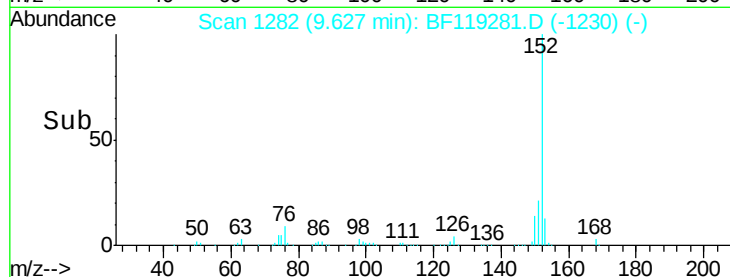
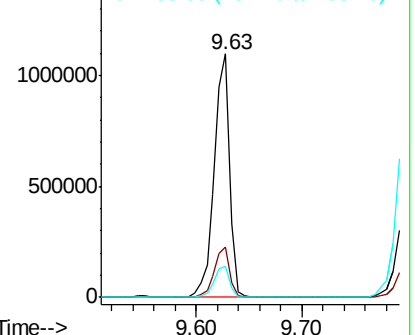
152 100

151 20.8 16.9 25.3

153 12.9 11.0 16.6



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



#50

Dimethylphthalate

Concen: 43.320 ng

RT: 9.49 min Scan# 1259

Delta R.T. 0.01 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

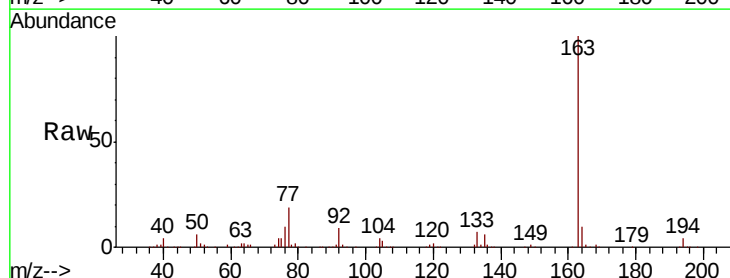
Tgt Ion:163 Resp: 882637

Ion Ratio Lower Upper

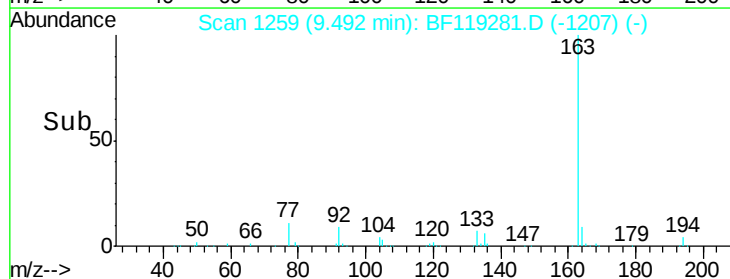
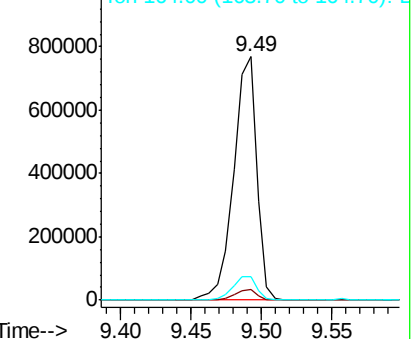
163 100

194 4.1 3.5 5.3

164 9.8 8.4 12.6



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

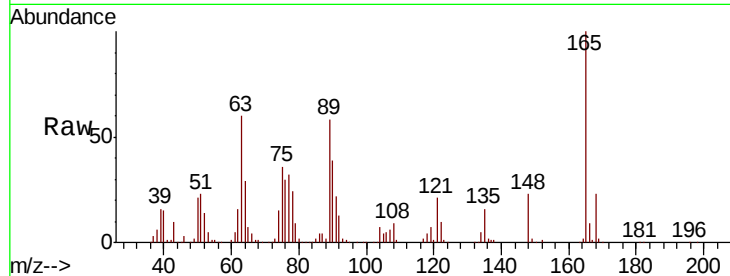




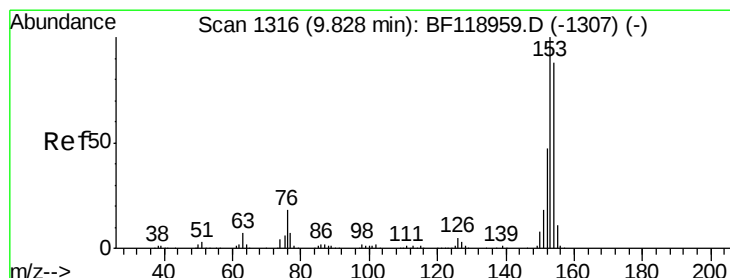
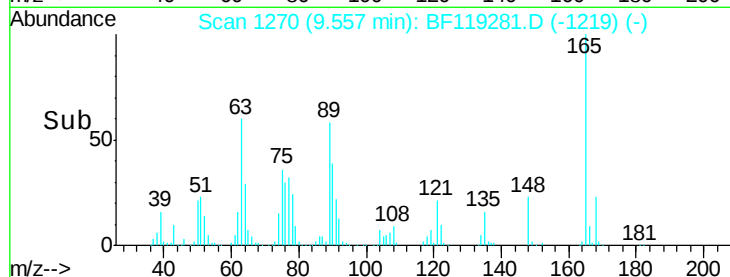
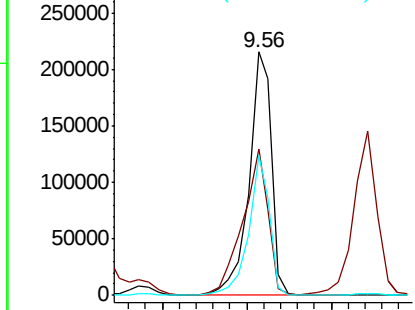
#51
 2,6-Dinitrotoluene
 Concen: 44.389 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 200936
 Ion Ratio Lower Upper
 165 100
 63 60.0 34.3 51.5#
 89 57.7 38.3 57.5#

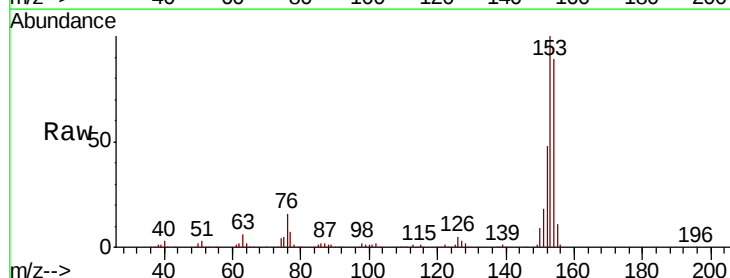


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

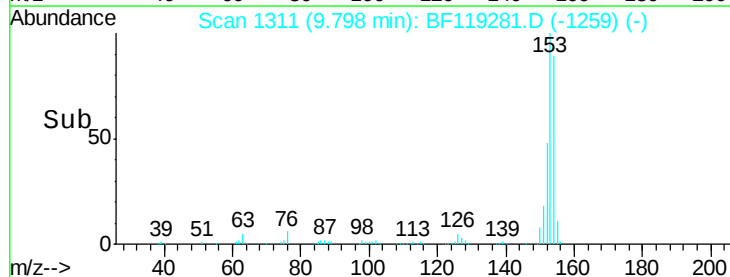
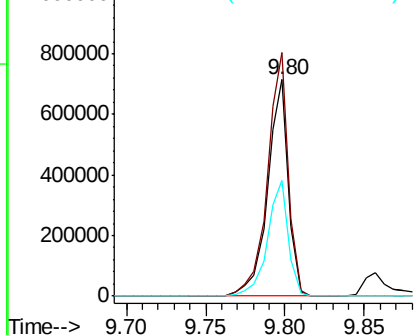


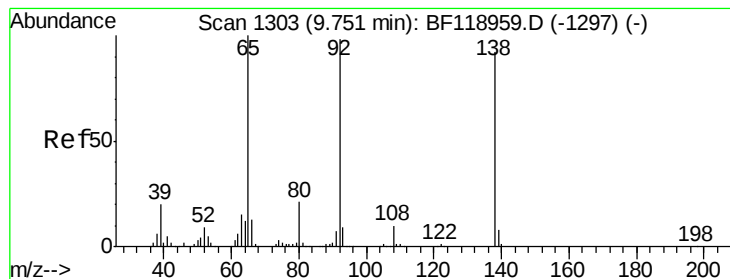
#52
 Acenaphthene
 Concen: 43.355 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.01 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Tgt Ion:154 Resp: 655227
 Ion Ratio Lower Upper
 154 100
 153 112.7 90.3 135.5
 152 53.8 43.8 65.8



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: 28.600 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

ClientSampled :

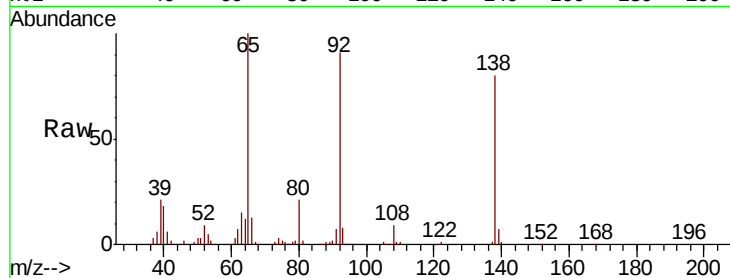
Tot Ion:138 Resp: 143528

Ion Ratio Lower Upper

138 100

108 11.5 8.8 13.2

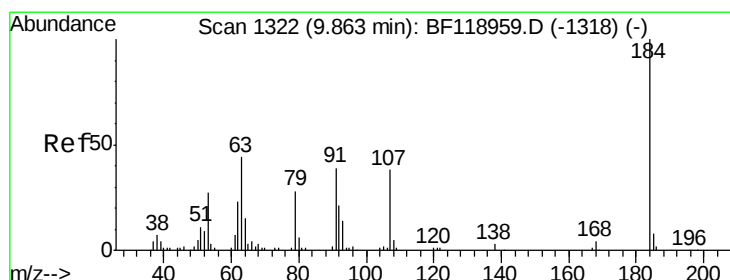
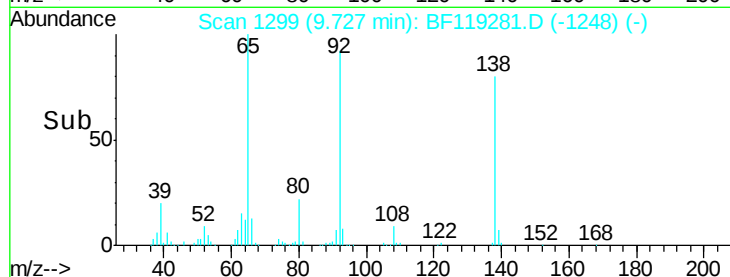
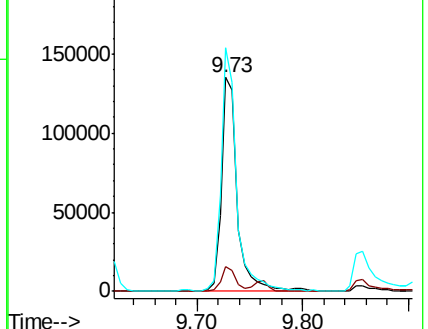
92 114.0 84.8 127.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 69.755 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

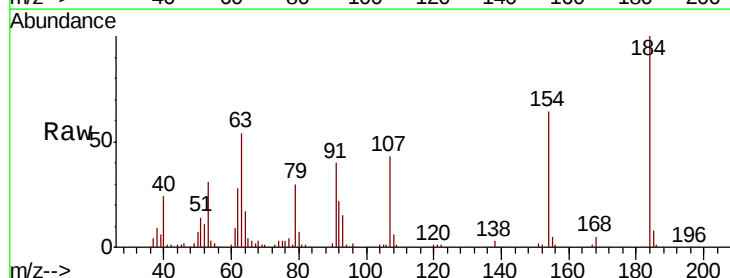
Tgt Ion:184 Resp: 151143

Ion Ratio Lower Upper

184 100

63 53.8 38.7 58.1

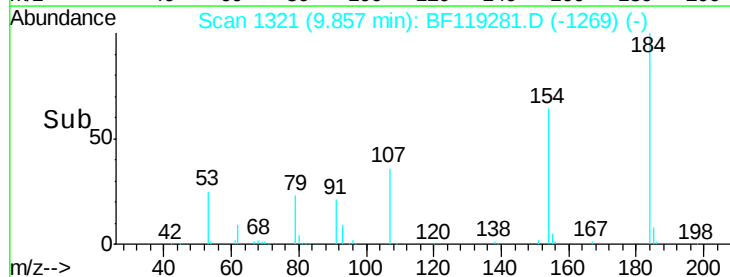
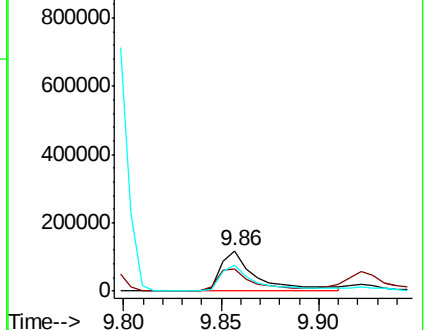
154 63.9 49.7 74.5

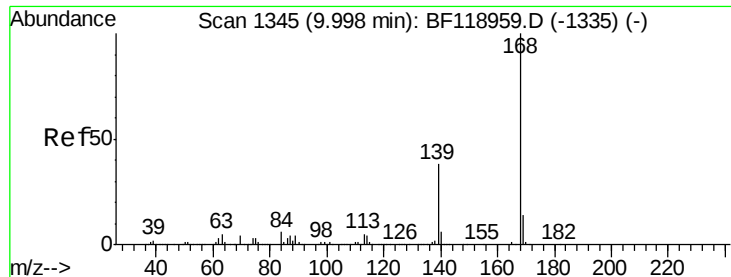


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

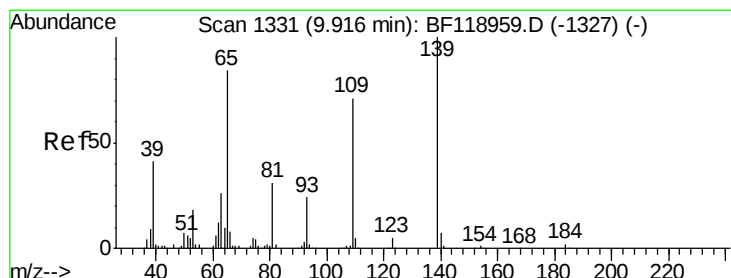
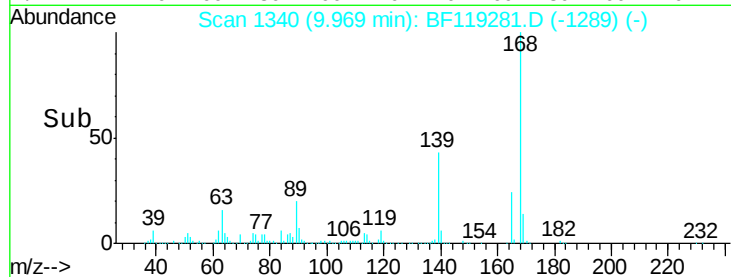
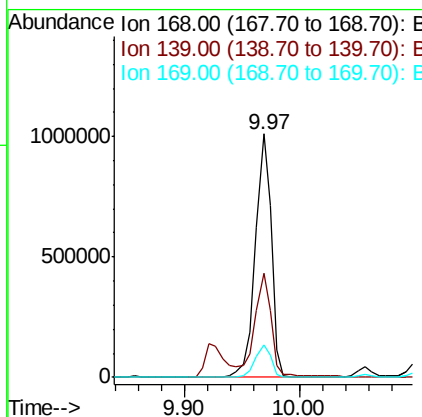
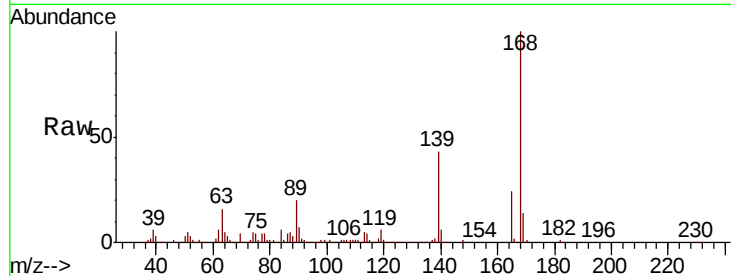




#55
Dibenzofuran
Concen: 42.938 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

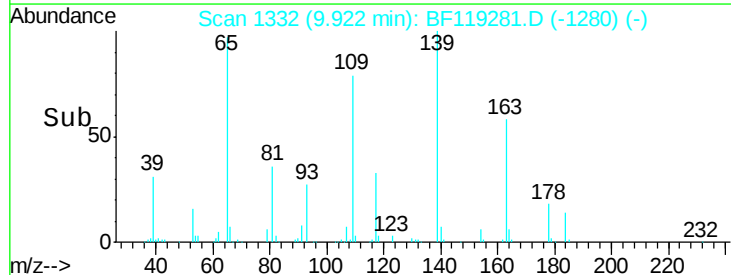
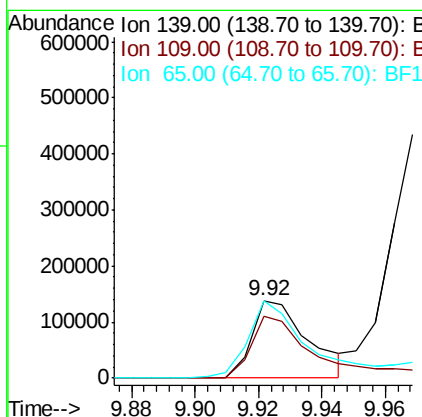
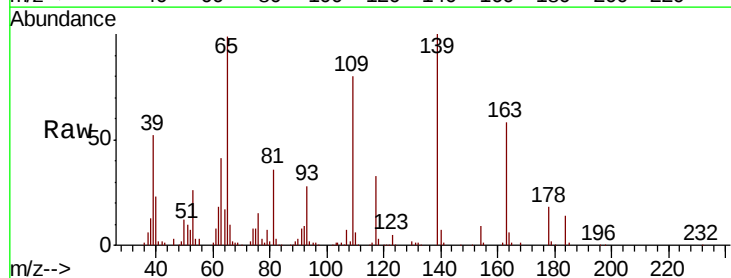
Instrument :
BNA_F
ClientSampleId :

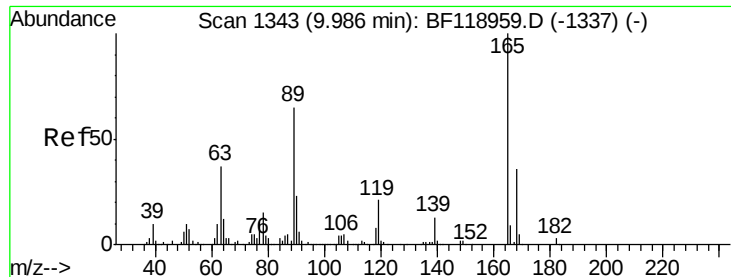
Tot Ion:168 Resp: 968587
Ion Ratio Lower Upper
168 100
139 42.9 34.0 51.0
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 56.378 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion:139 Resp: 169988
Ion Ratio Lower Upper
139 100
109 80.1 56.7 96.7
65 99.4 65.0 105.0

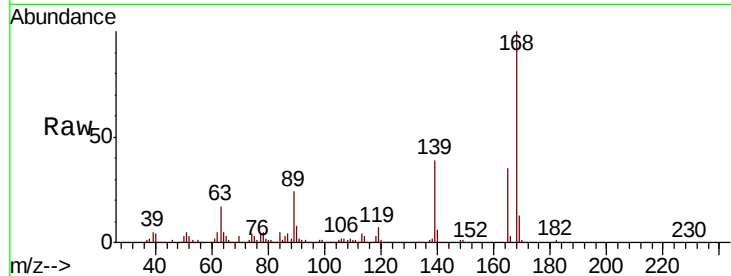




#57
2,4-Dinitrotoluene
Concen: 42.531 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.8	42.3	63.5
89	69.1	60.2	90.4
182	3.0	2.3	3.5



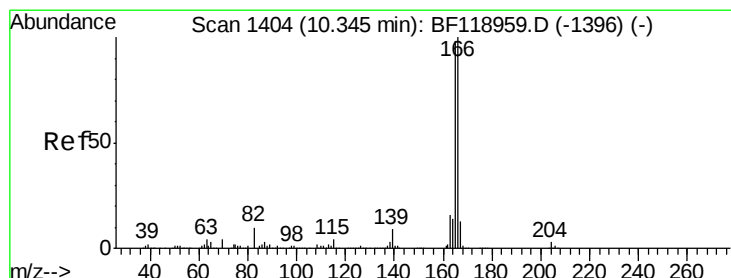
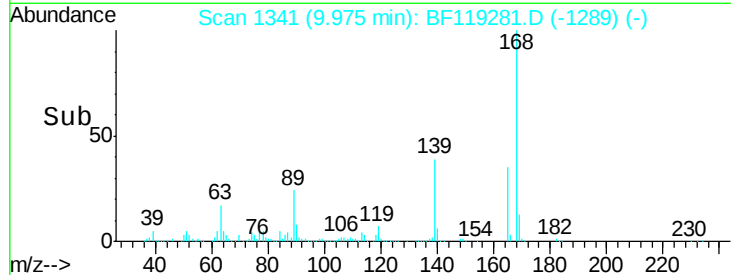
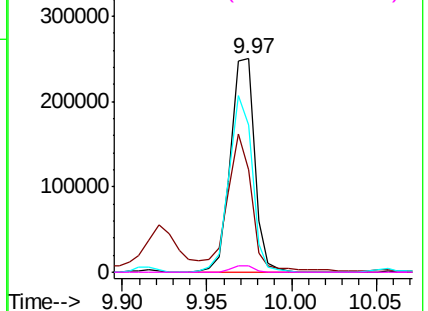
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

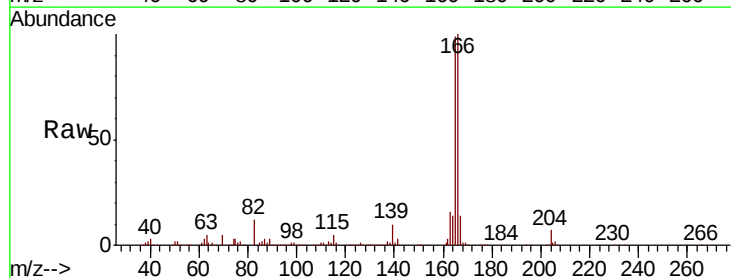
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.972 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.5	117.7
167	13.6	11.0	16.4

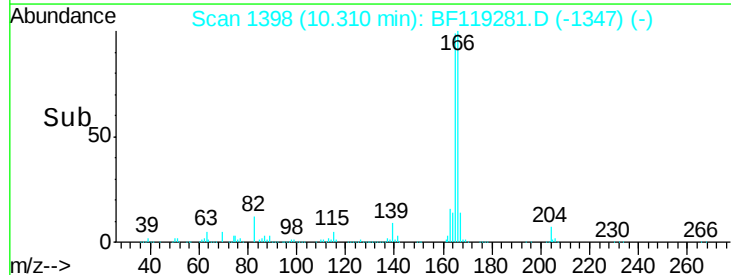
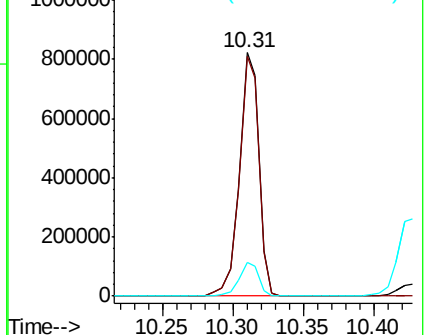


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

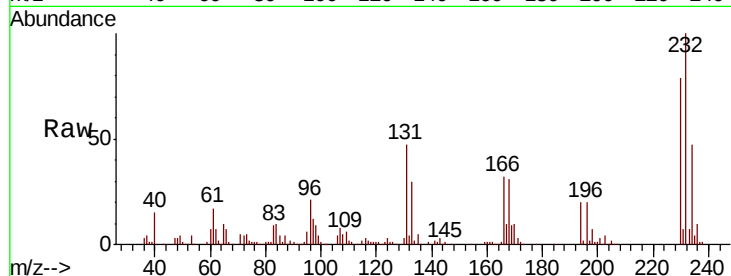




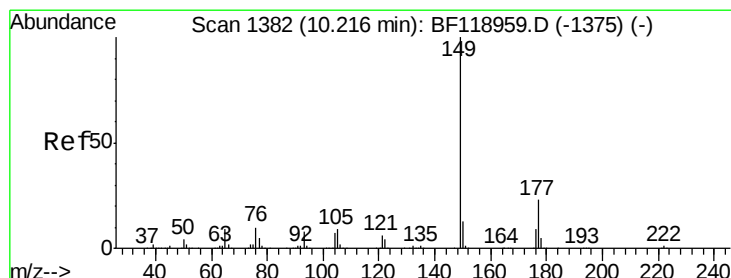
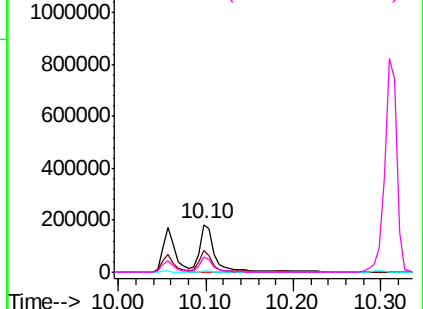
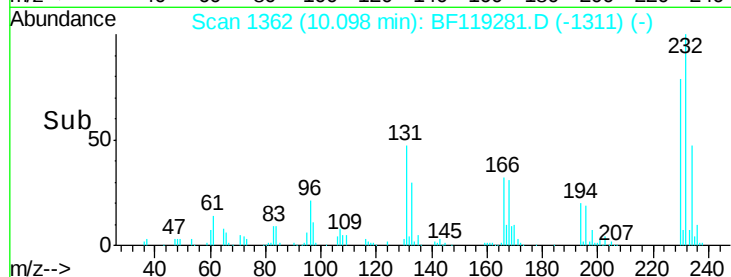
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.523 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232	Resp:	218624
Ion Ratio	Lower	Upper
232	100	
131	40.1	33.8 50.8
130	2.4	1.8 2.6
166	27.5	23.0 34.4

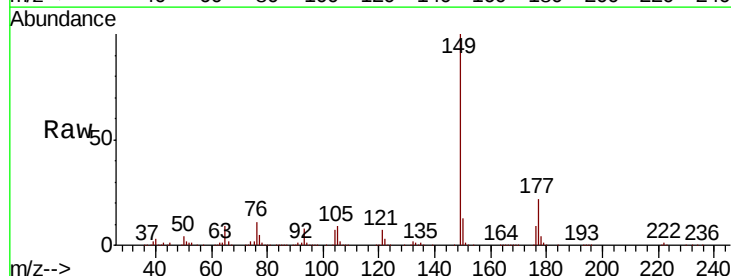


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

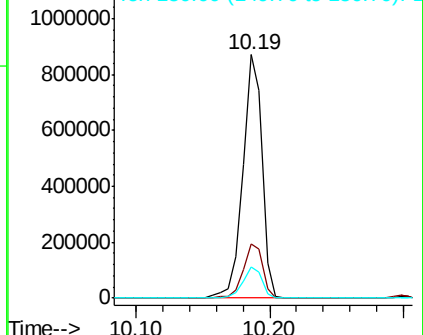
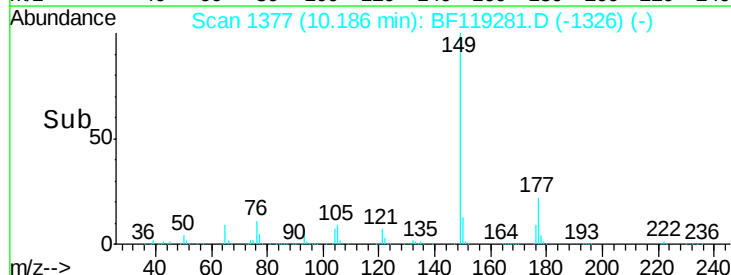


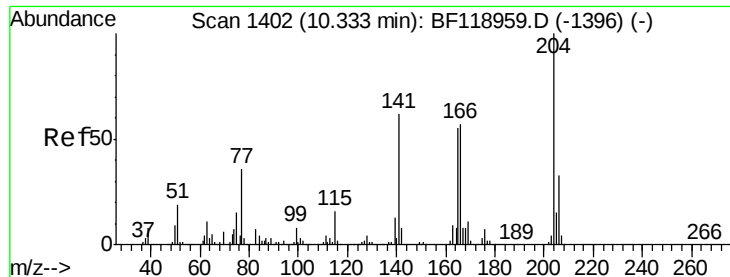
#60
 Diethylphthalate
 Concen: 44.928 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Tgt Ion:149	Resp:	862660
Ion Ratio	Lower	Upper
149	100	
177	22.2	18.2 27.2
150	12.9	10.5 15.7



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

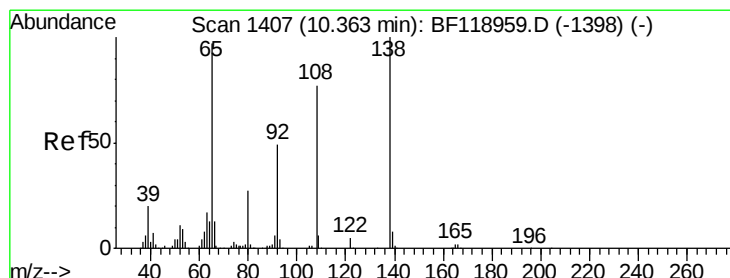
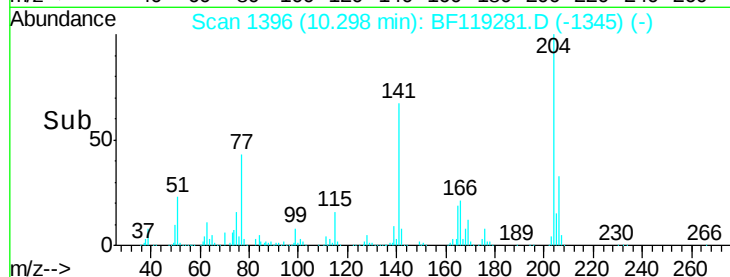
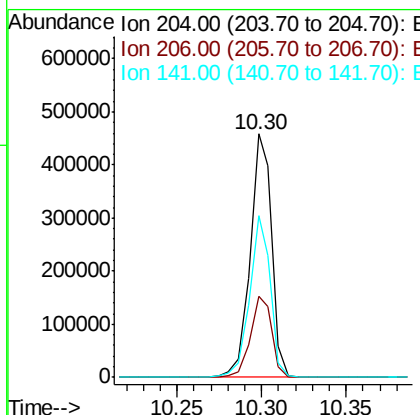
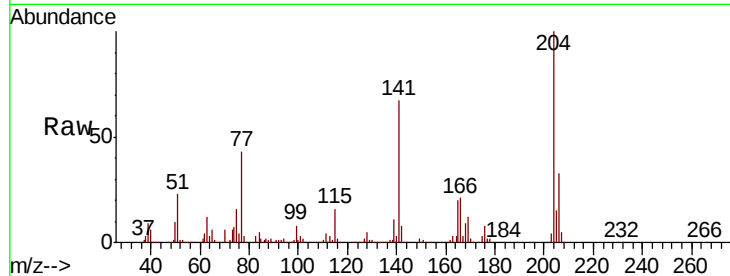




#61
4-Chlorophenyl-phenylether
Concen: 44.131 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

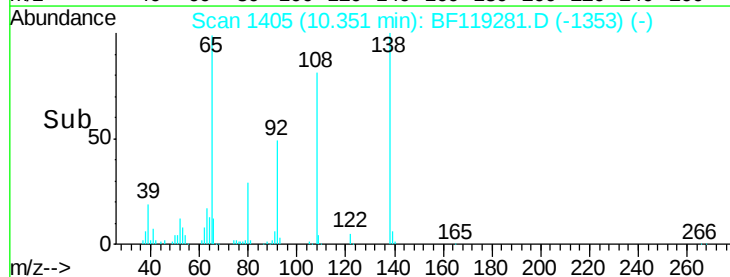
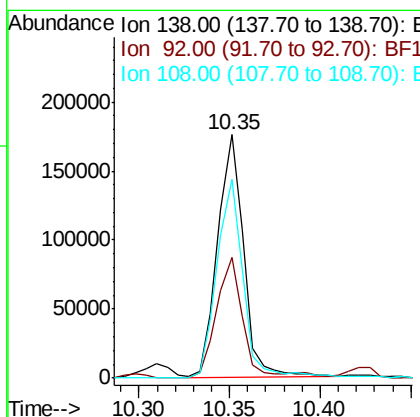
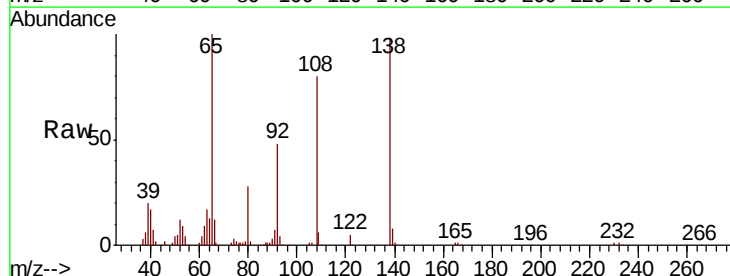
Instrument :
BNA_F
ClientSampleId :

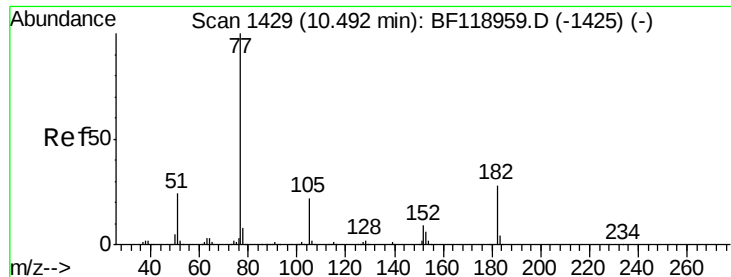
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	27.1	40.7
141	66.6	52.9	79.3



#62
4-Nitroaniline
Concen: 34.235 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	27.3	67.3
108	81.7	57.0	97.0





#63

Azobenzene

Concen: 46.117 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 769666

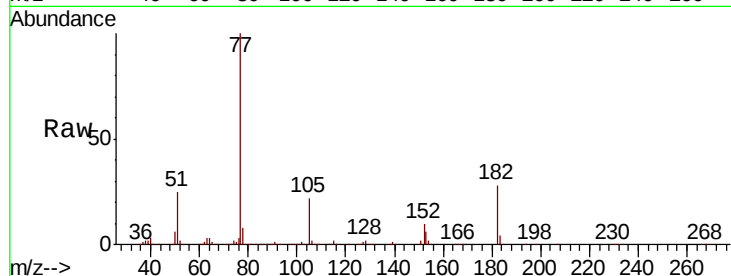
Ion Ratio Lower Upper

77 100

182 28.3 11.4 51.4

105 22.2 3.4 43.4

51 24.6 5.1 45.1

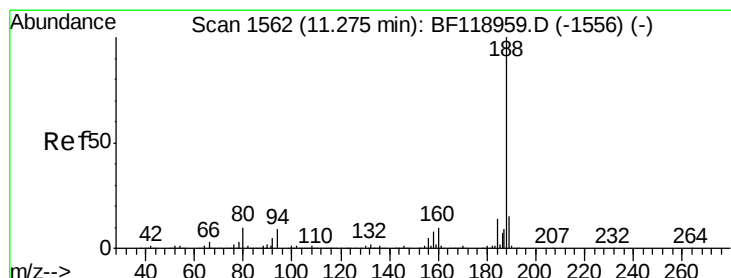
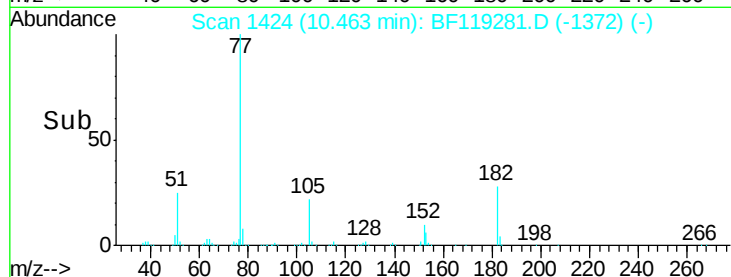
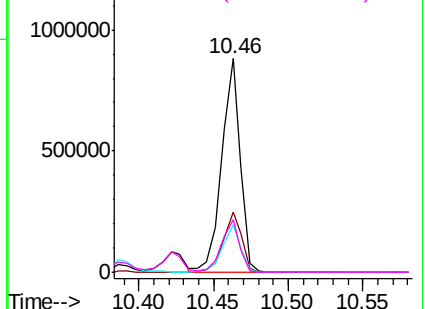


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

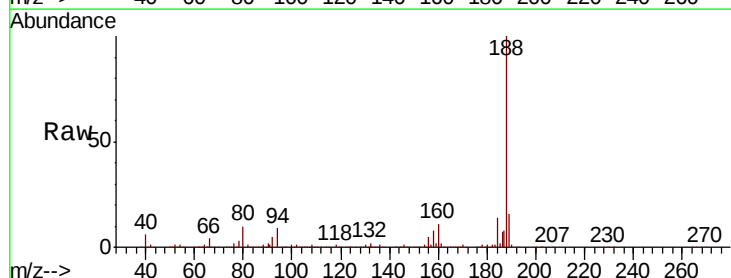
Tgt Ion: 188 Resp: 495669

Ion Ratio Lower Upper

188 100

94 9.0 7.1 10.7

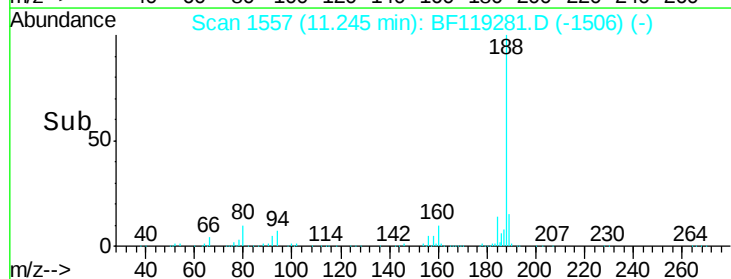
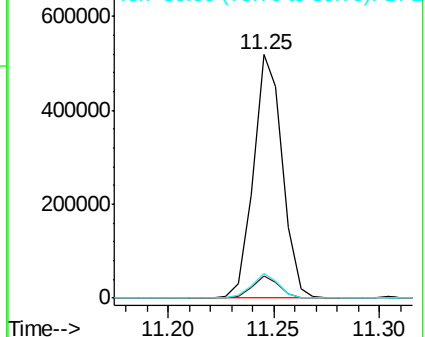
80 10.0 7.8 11.8

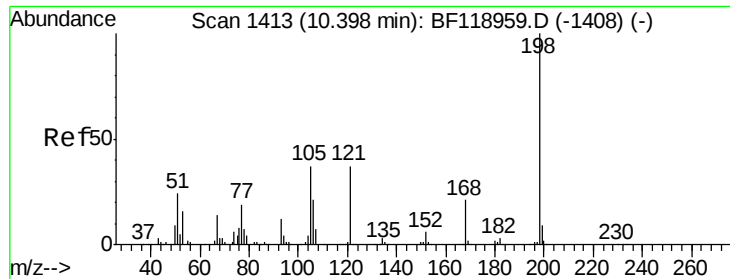


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

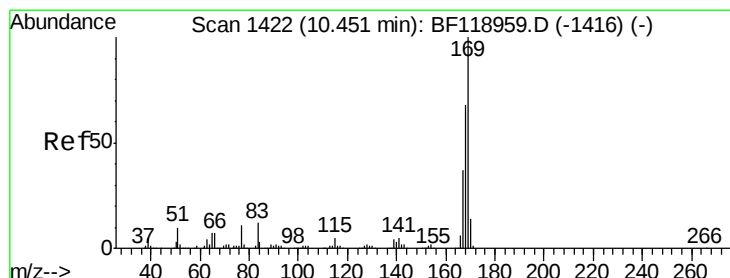
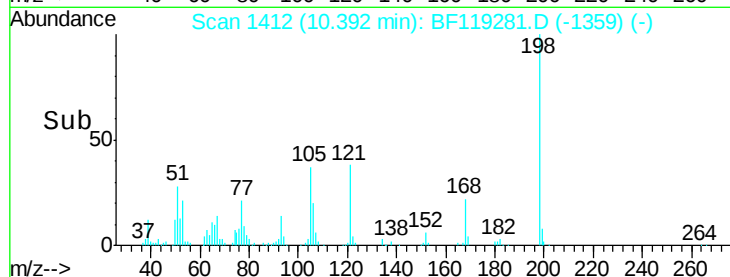
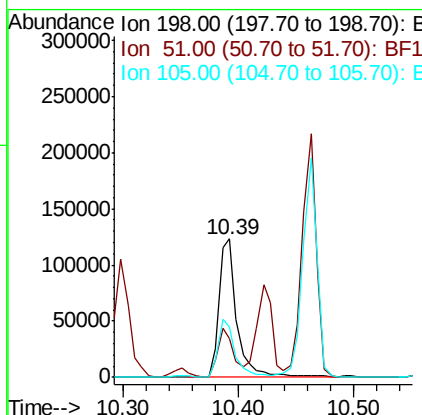
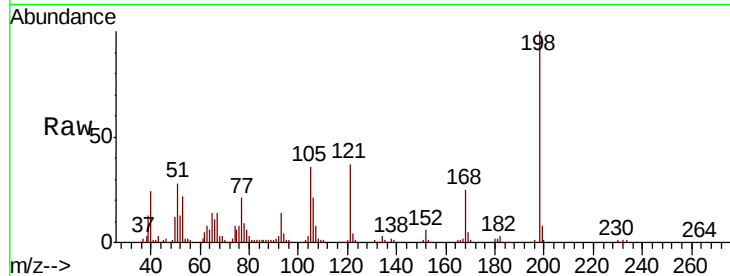




#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.316 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

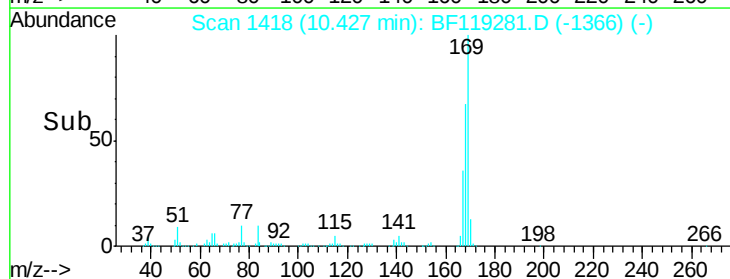
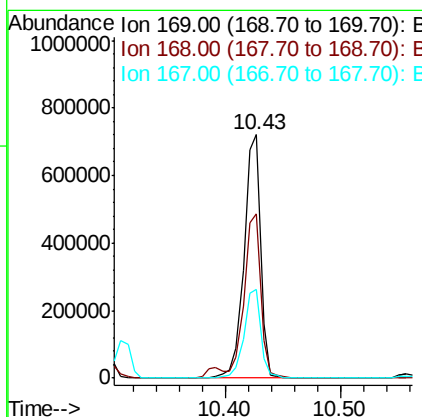
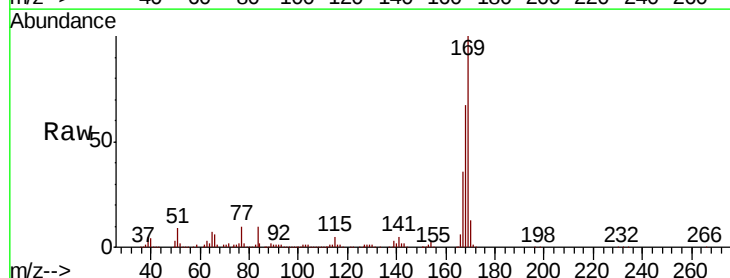
Instrument :
 BNA_F
 ClientSampleId :

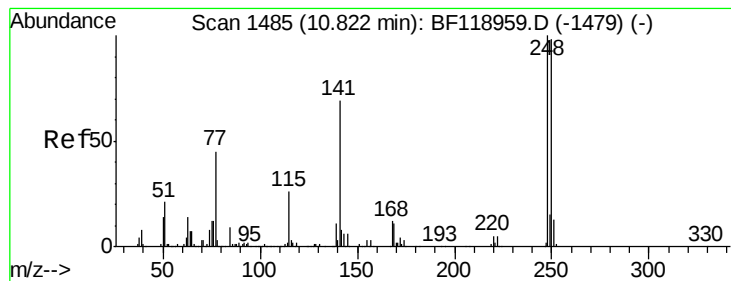
Tot Ion	198	Resp	132919
Ion Ratio	100	Lower	Upper
51	28.1	14.2	54.2
105	36.2	22.7	62.7



#66
 n-Nitrosodiphenylamine
 Concen: 44.292 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Tgt Ion	169	Resp	718853
Ion Ratio	100	Lower	Upper
168	67.4	54.1	81.1
167	36.4	29.4	44.0

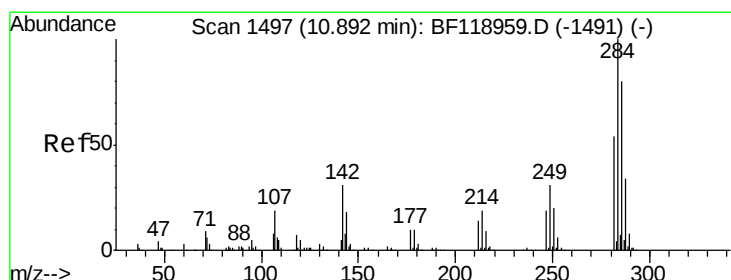
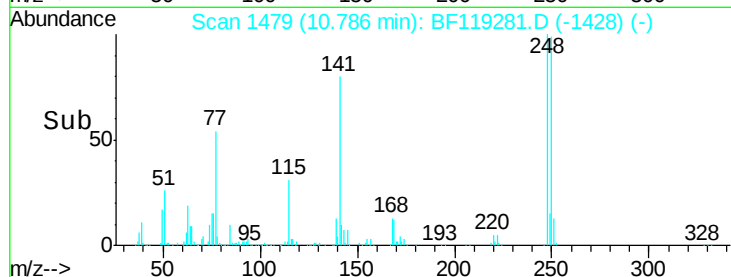
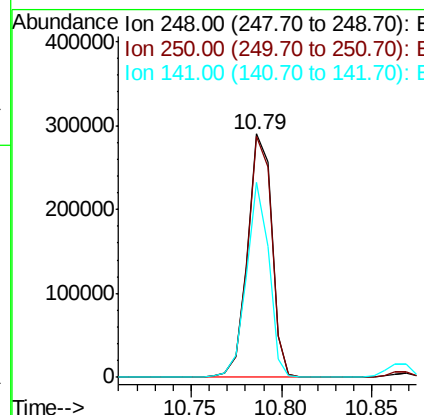
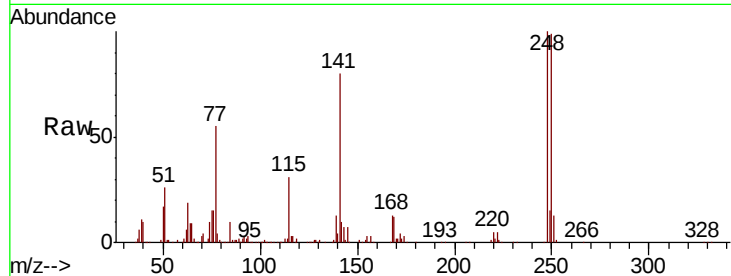




#67
4-Bromophenyl-phenylether
Concen: 41.797 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

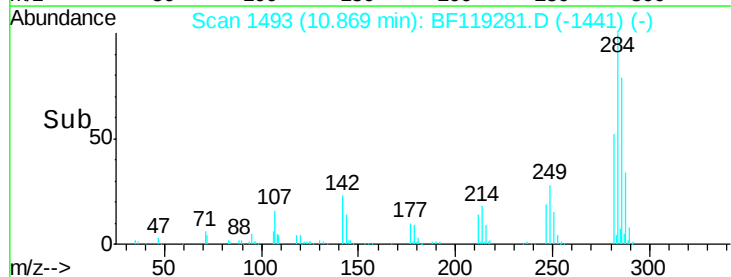
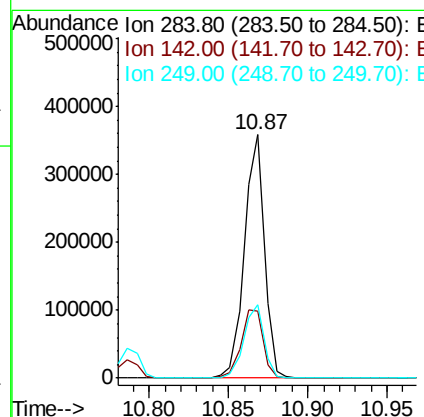
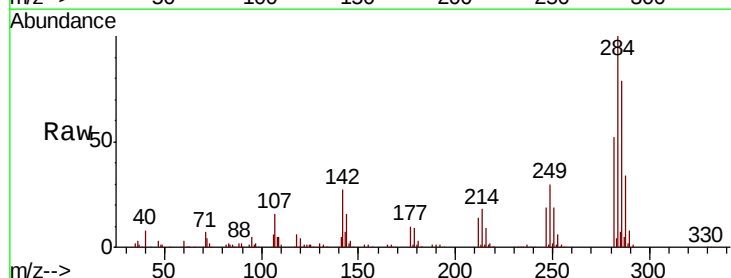
Instrument :
BNA_F
ClientSampleId :

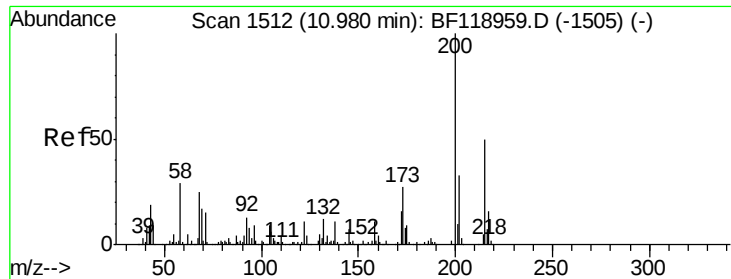
Tot Ion:248 Resp: 270801
Ion Ratio Lower Upper
248 100
250 99.0 76.7 115.1
141 79.8 60.7 91.1



#68
Hexachlorobenzene
Concen: 41.993 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion:284 Resp: 313683
Ion Ratio Lower Upper
284 100
142 27.4 23.7 35.5
249 30.1 25.0 37.6

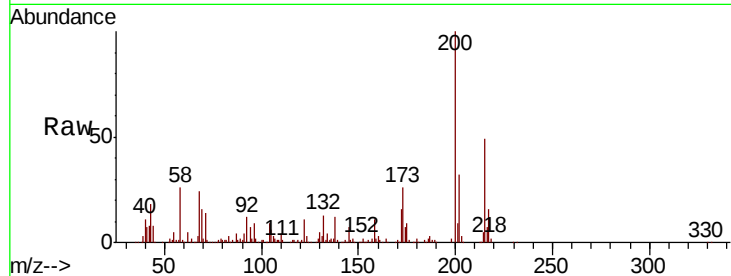




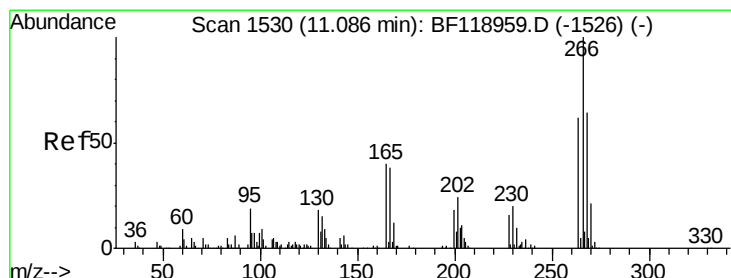
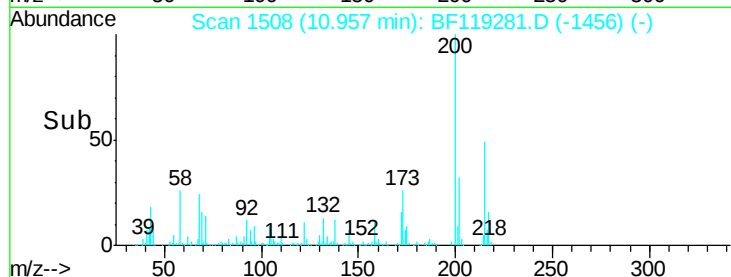
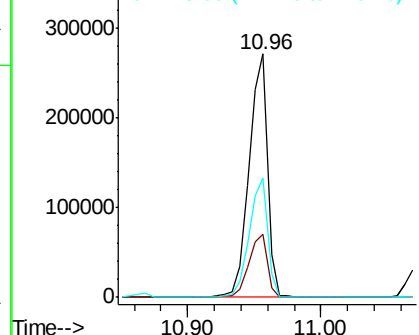
#69
Atrazine
Concen: 45.199 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.4	46.4
215	49.2	27.4	67.4

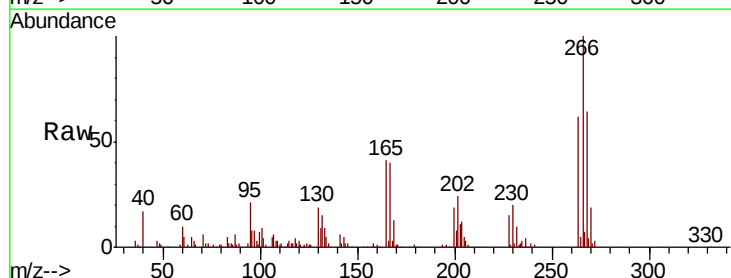


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

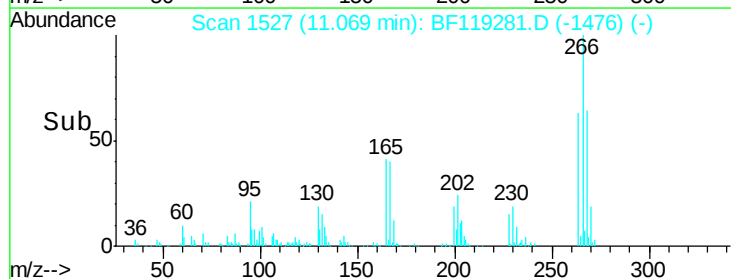
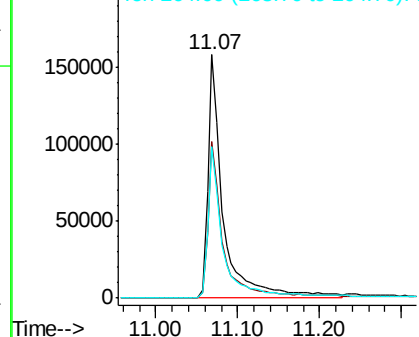


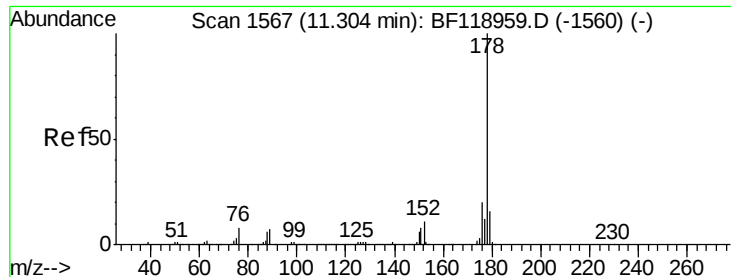
#70
Pentachlorophenol
Concen: 69.630 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.9	77.9
264	62.5	51.0	76.4



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

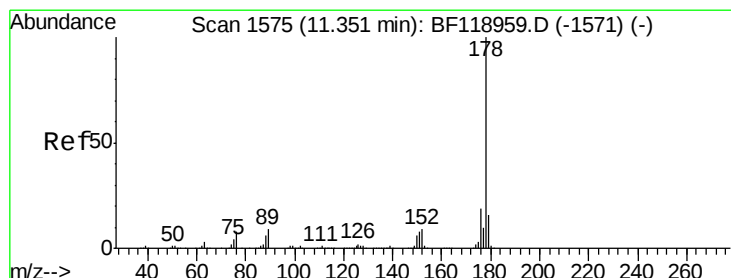
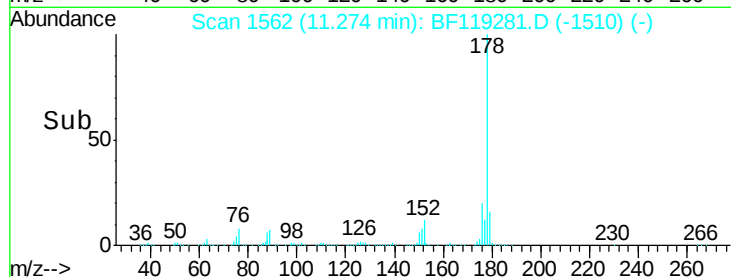
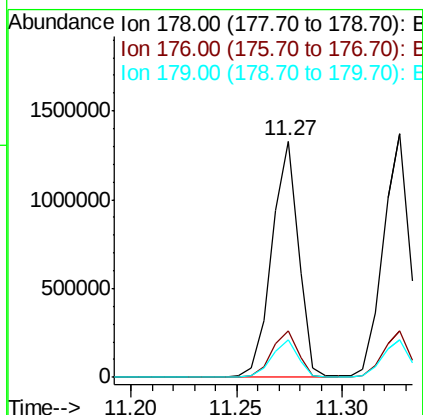
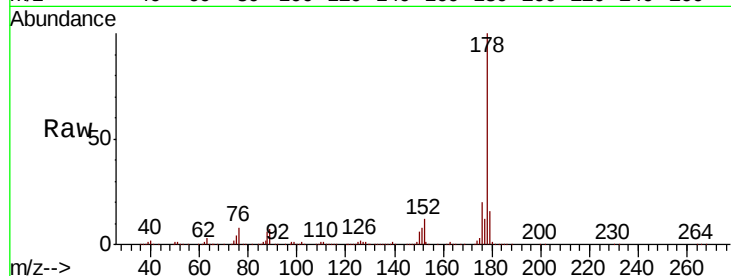




#71
Phenanthrene
Concen: 43.202 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

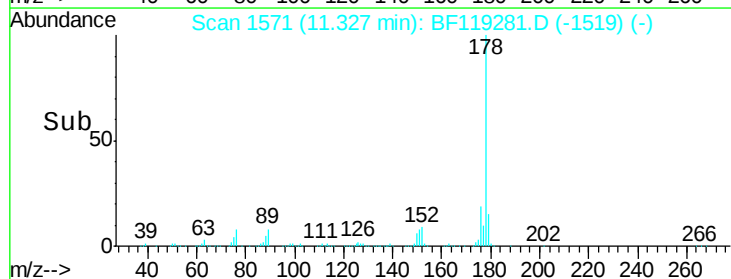
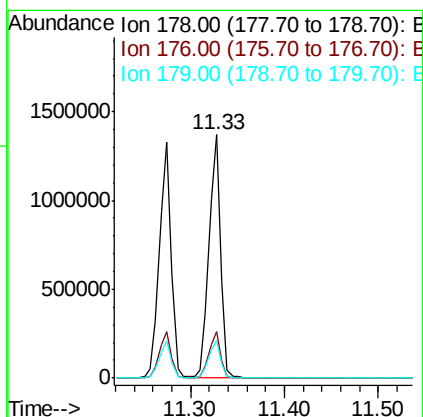
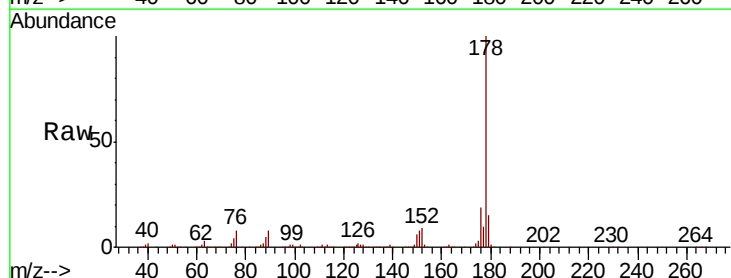
Instrument :
BNA_F
ClientSampleId :

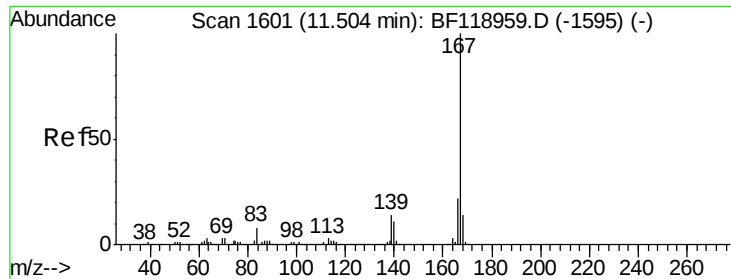
Tot Ion:178 Resp: 1167797
Ion Ratio Lower Upper
178 100
176 19.8 16.5 24.7
179 16.0 13.0 19.6



#72
Anthracene
Concen: 44.779 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion:178 Resp: 1209422
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.4 13.1 19.7

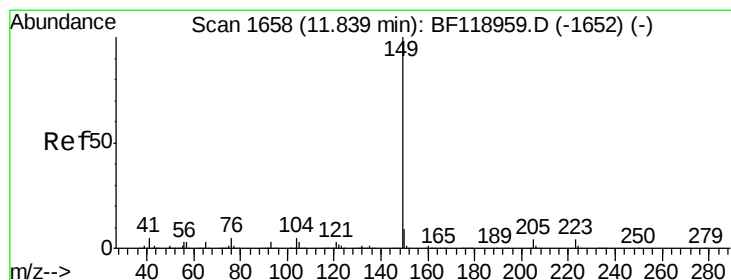
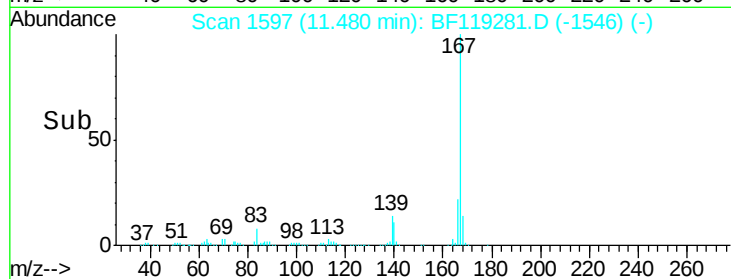
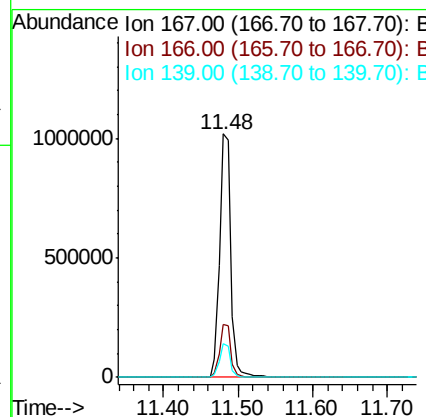
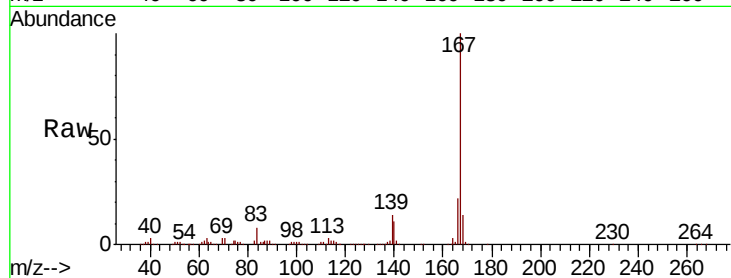




#73
 Carbazole
 Concen: 43.351 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

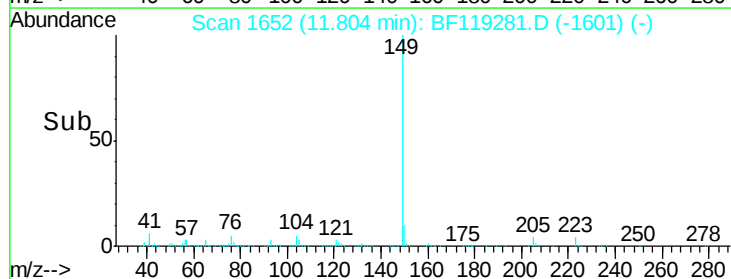
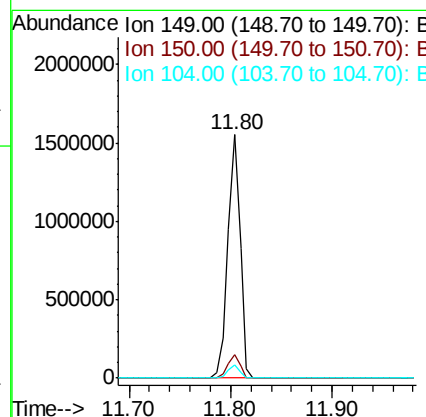
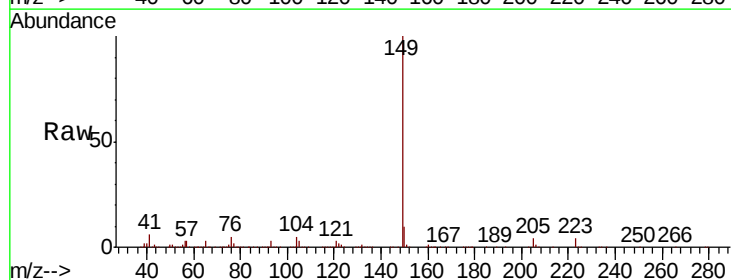
Instrument :
 BNA_F
 ClientSampleId :

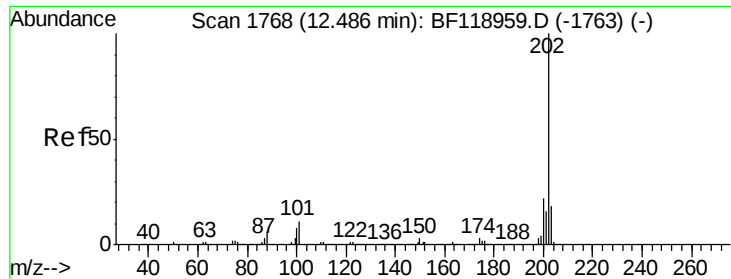
Tot Ion:167 Resp: 1043099
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.4
 139 14.0 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 44.864 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Tgt Ion:149 Resp: 1307289
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.9 11.9
 104 5.3 4.6 6.8





#75

Fluoranthene

Concen: 43.028 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

ClientSampleId :

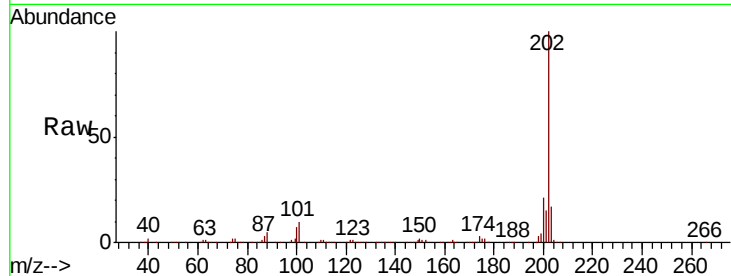
Tot Ion:202 Resp: 1234611

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.3

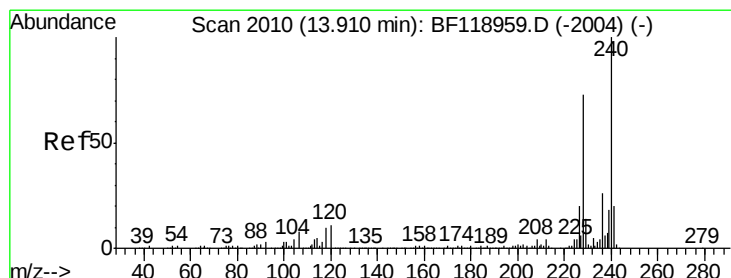
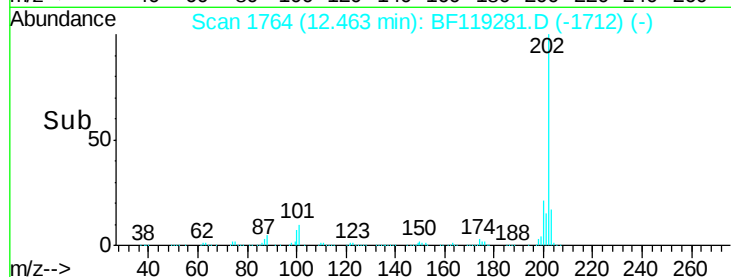
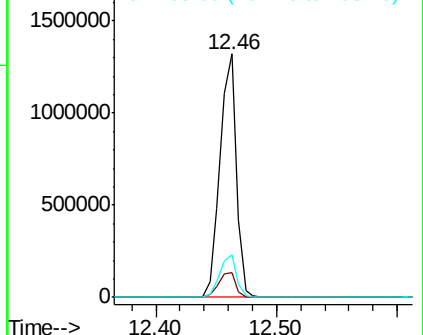
203 17.4 0.0 38.4



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: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

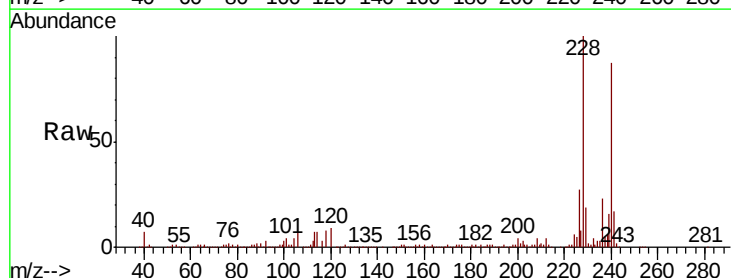
Tgt Ion:240 Resp: 325745

Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

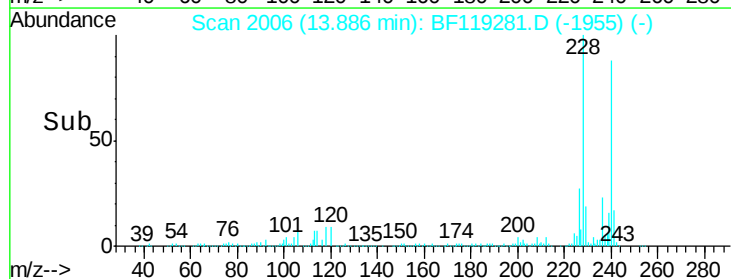
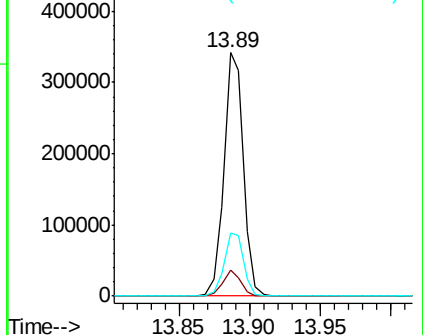
236 26.1 21.0 31.4



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: 24.718 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

ClientSampleId :

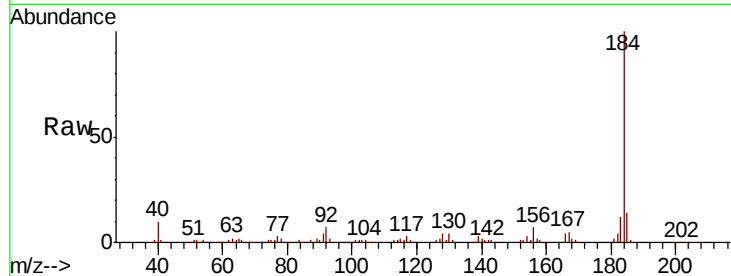
Tot Ion:184 Resp: 327454

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.4

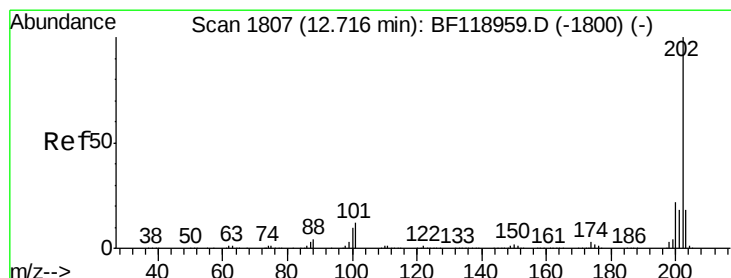
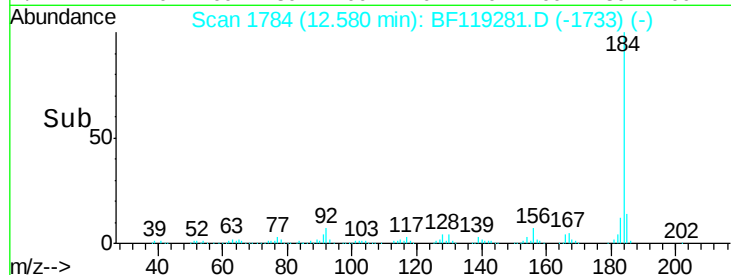
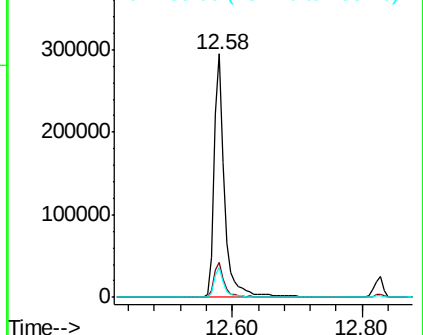
183 12.3 9.9 14.9



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: 46.554 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

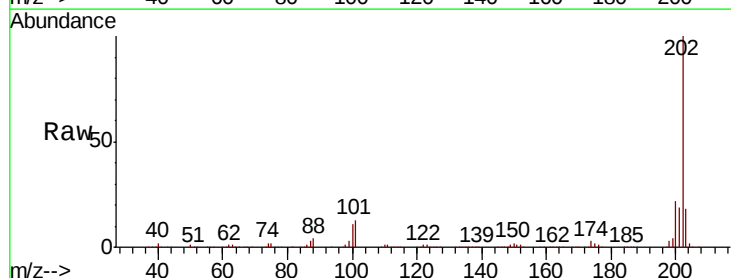
Tgt Ion:202 Resp: 1217702

Ion Ratio Lower Upper

202 100

200 21.7 18.0 27.0

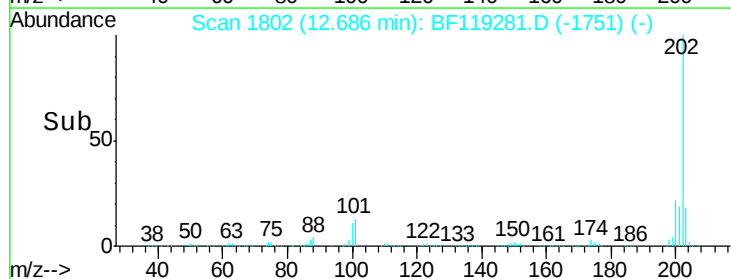
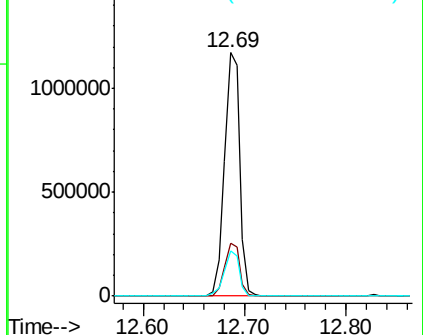
203 18.4 14.6 22.0



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: 85.151 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

ClientSampleId :

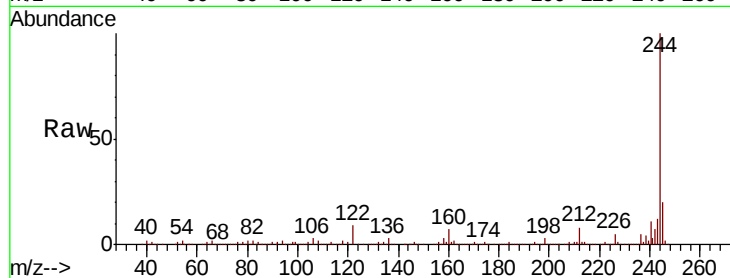
Tot Ion:244 Resp: 1611080

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

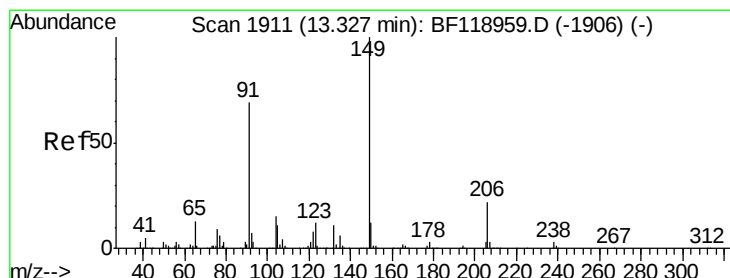
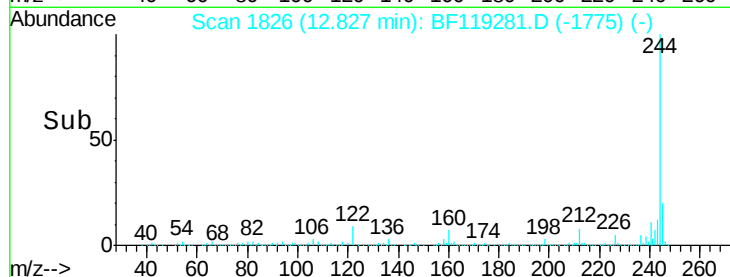
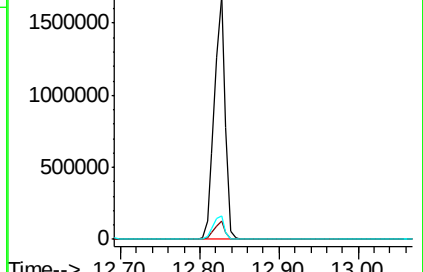
122 9.5 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.251 ng

RT: 13.30 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

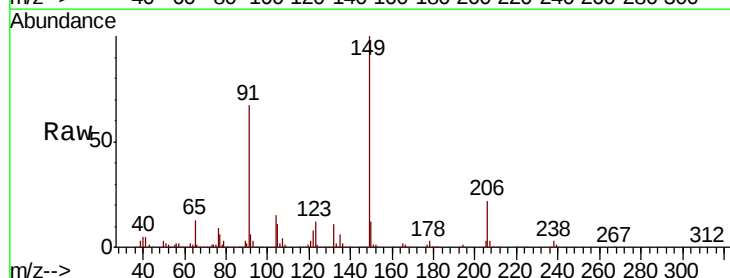
Tgt Ion:149 Resp: 520172

Ion Ratio Lower Upper

149 100

91 67.3 52.3 78.5

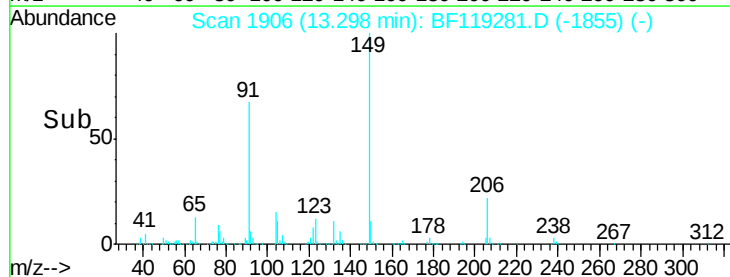
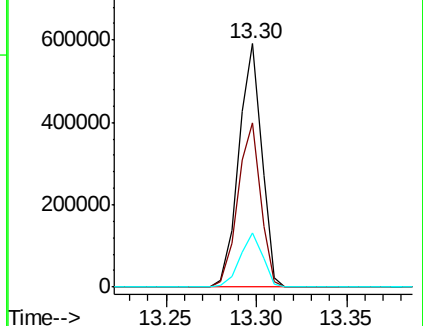
206 22.1 18.5 27.7

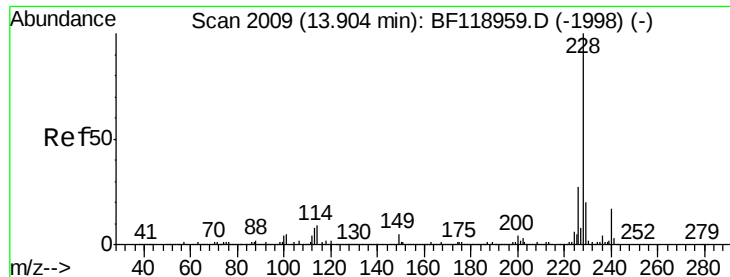


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.155 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

ClientSampleId :

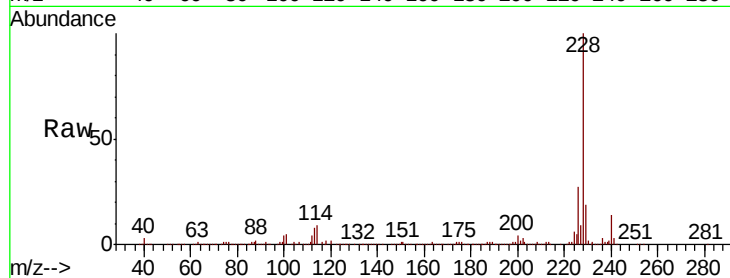
Tot Ion:228 Resp: 1002222

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

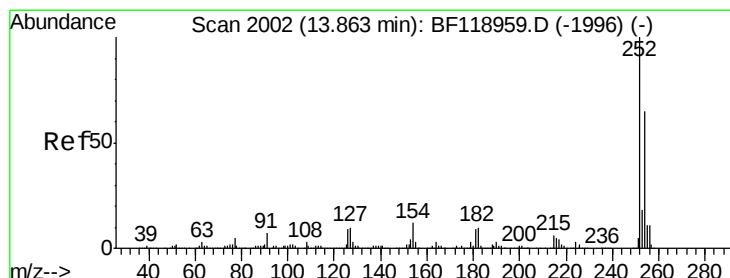
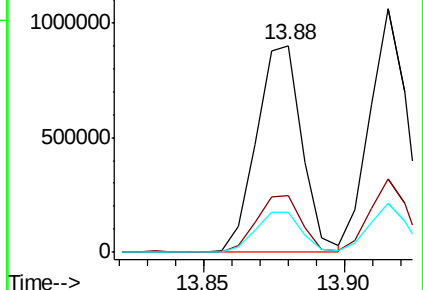
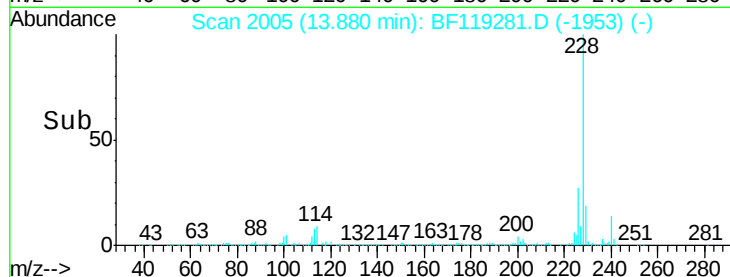
229 19.5 16.6 24.8



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: 33.051 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

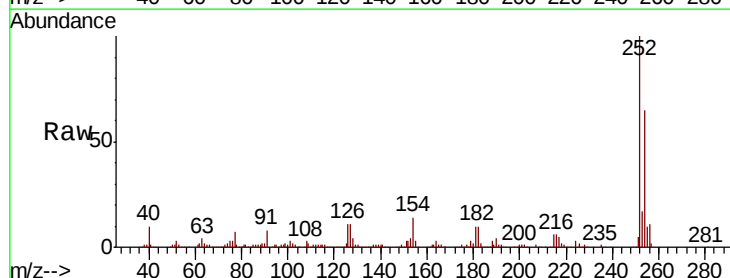
Tgt Ion:252 Resp: 284850

Ion Ratio Lower Upper

252 100

254 64.7 51.6 77.4

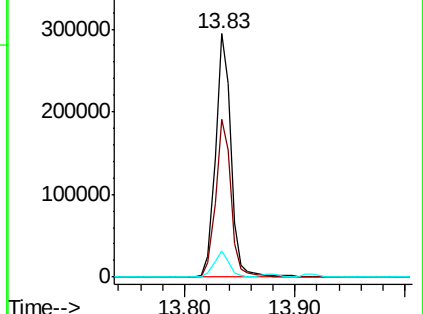
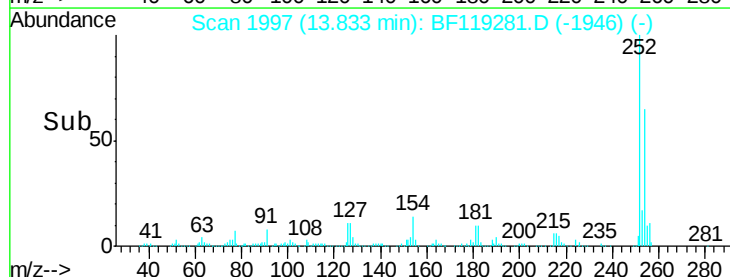
126 10.7 7.4 11.0

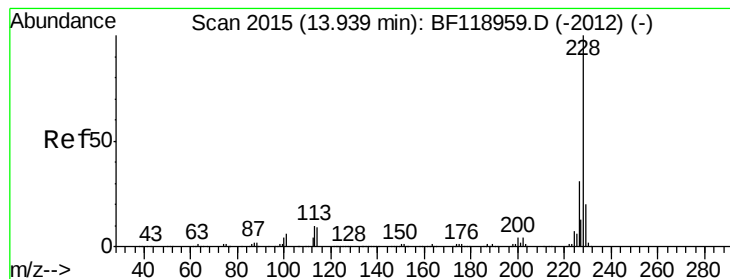


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.425 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

ClientSampleId :

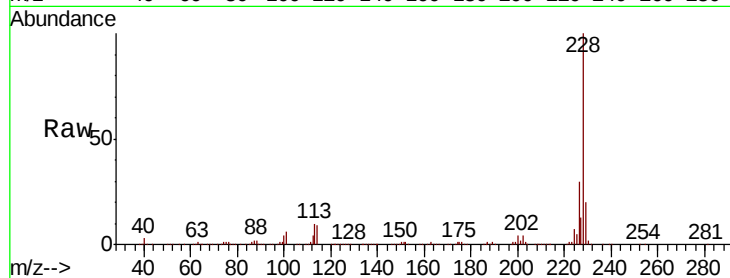
Tot Ion:228 Resp: 960372

Ion Ratio Lower Upper

228 100

226 30.1 25.1 37.7

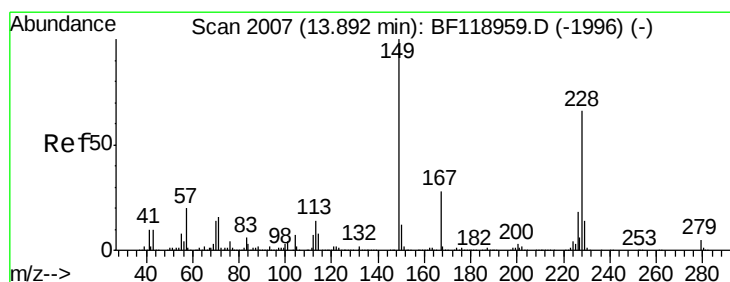
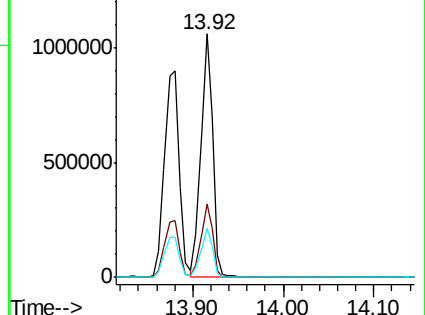
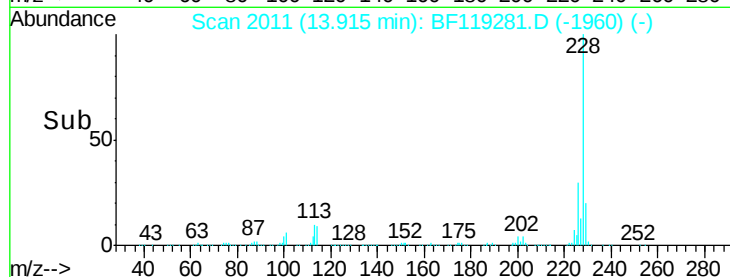
229 20.0 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.416 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

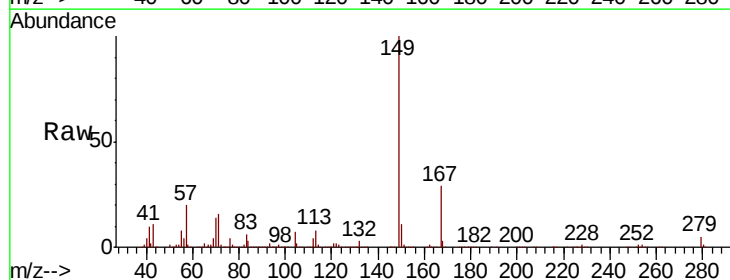
Tgt Ion:149 Resp: 701178

Ion Ratio Lower Upper

149 100

167 28.6 22.8 34.2

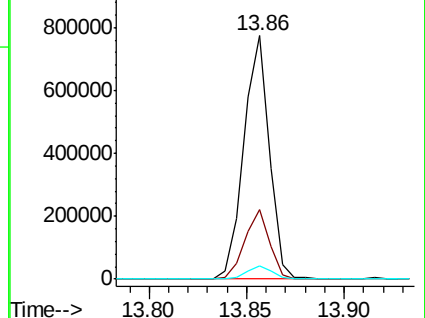
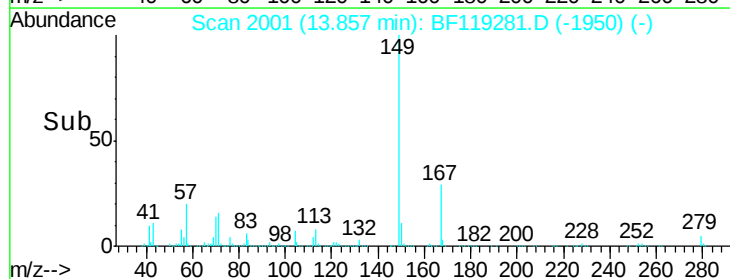
279 5.3 4.6 6.8

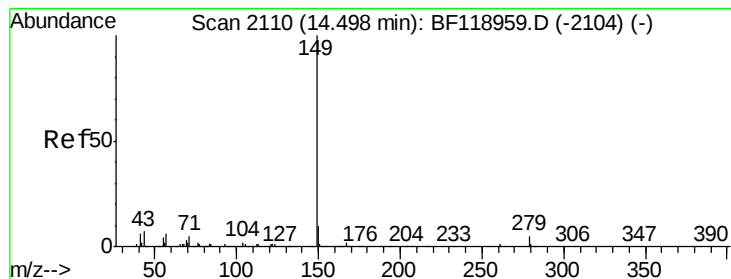


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.897 ng

RT: 14.46 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

ClientSampleId :

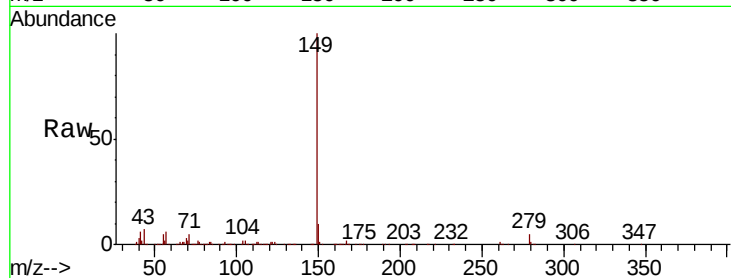
Tot Ion:149 Resp: 1039218

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

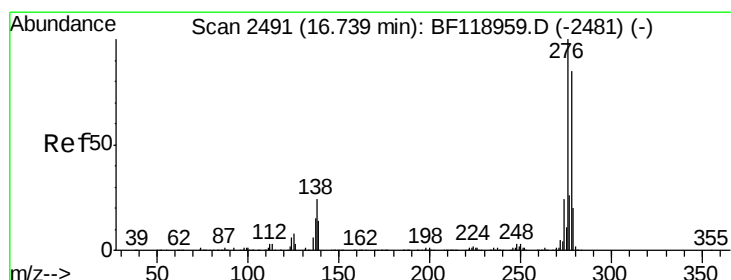
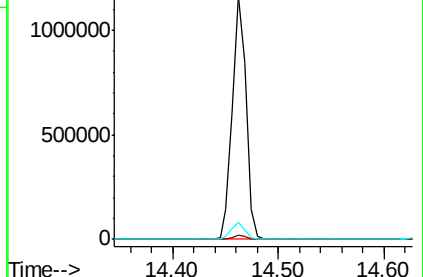
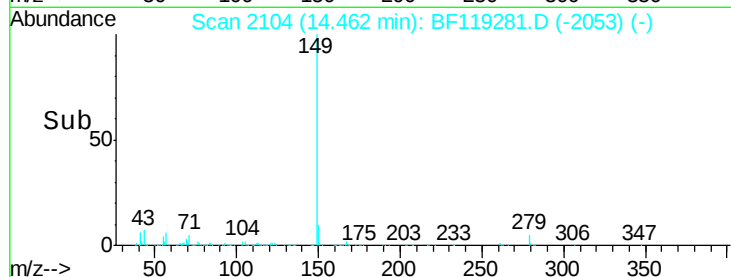
43 6.7 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.397 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

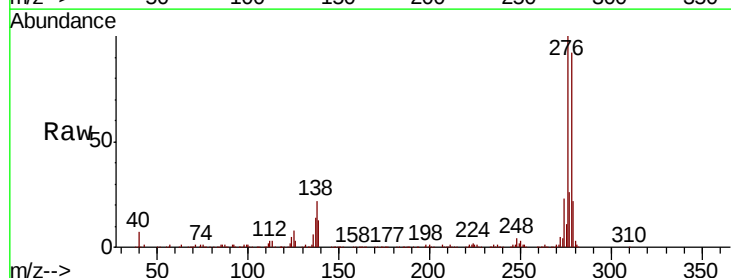
Tgt Ion:276 Resp: 800817

Ion Ratio Lower Upper

276 100

138 21.5 17.4 26.0

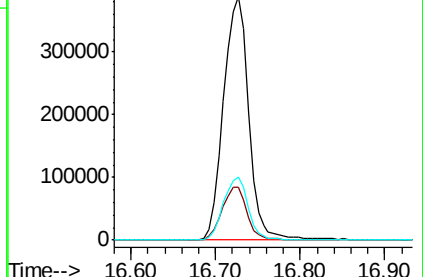
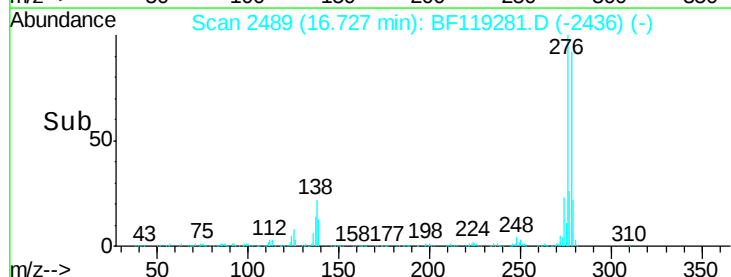
277 25.8 20.3 30.5

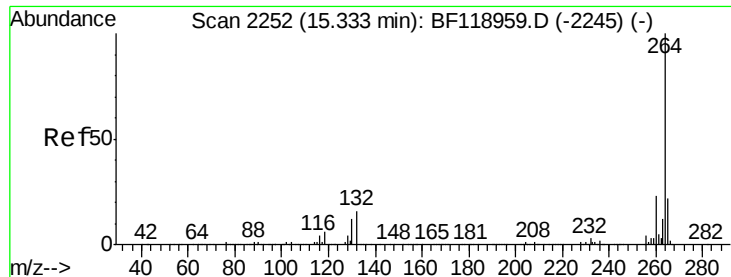


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



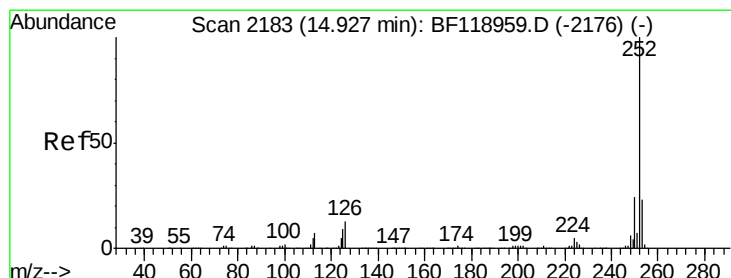
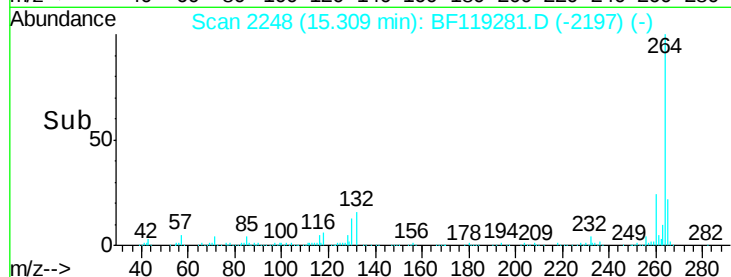
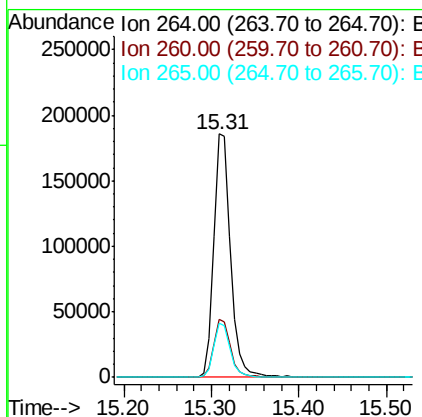
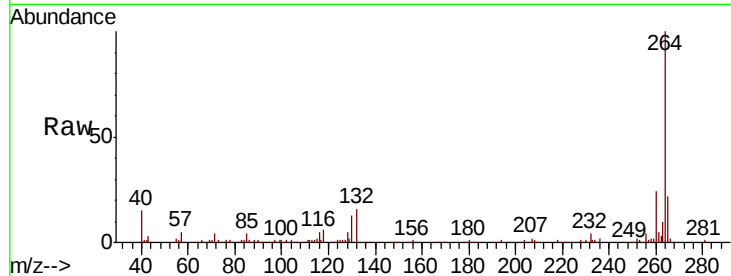


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 249551

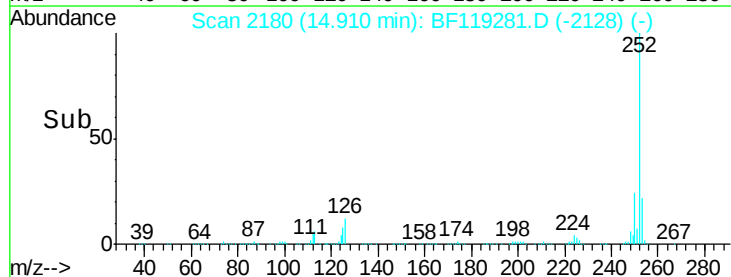
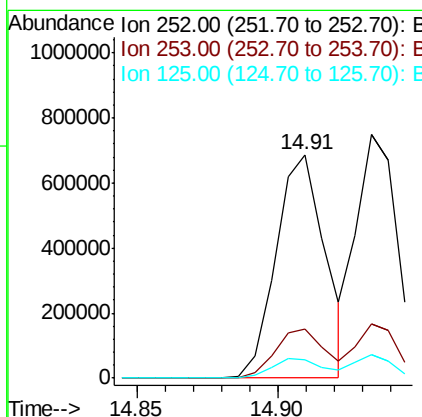
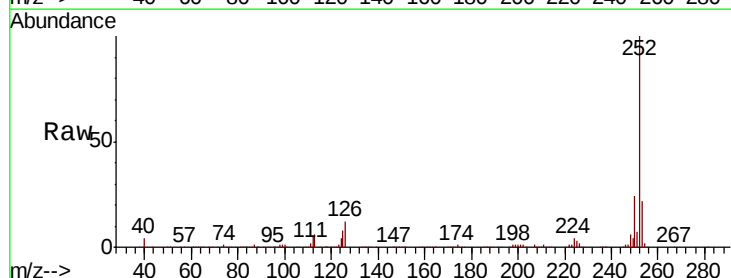
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.2	17.7	26.5

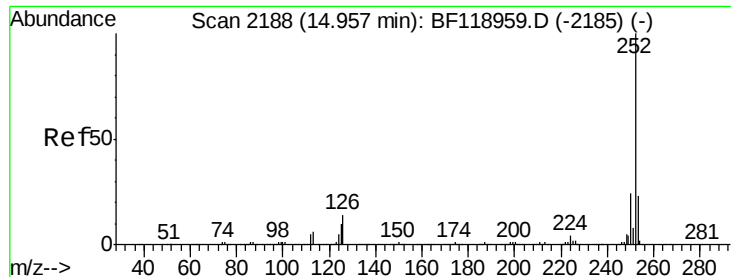


#88
Benzo(b)fluoranthene
Concen: 50.363 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion:252 Resp: 828428

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	8.4	7.4	11.0

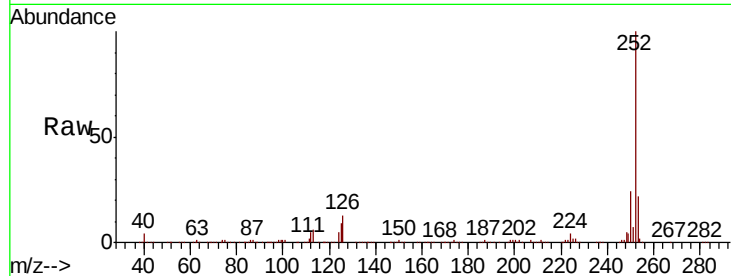




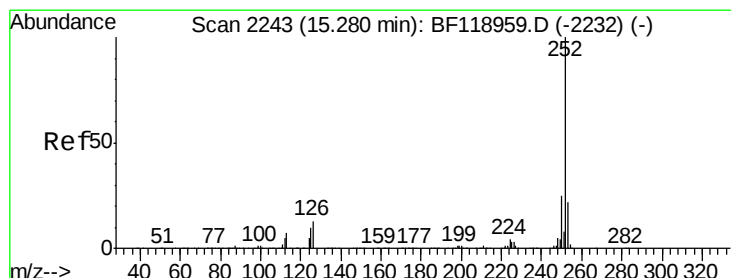
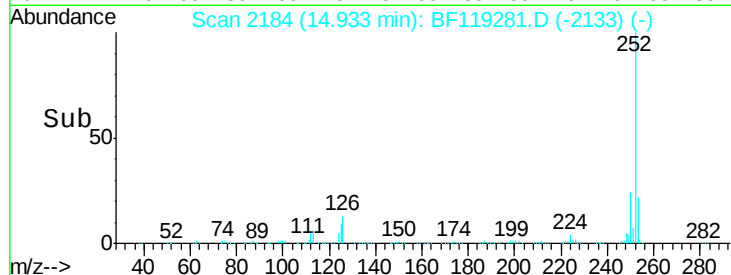
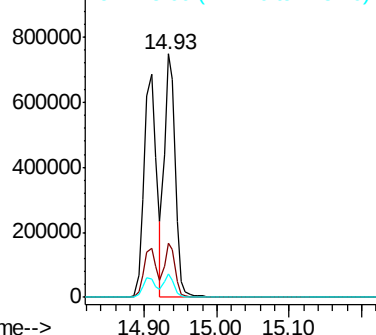
#89
Benzo(k)fluoranthene
Concen: 51.022 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 777757
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 9.4 7.5 11.3

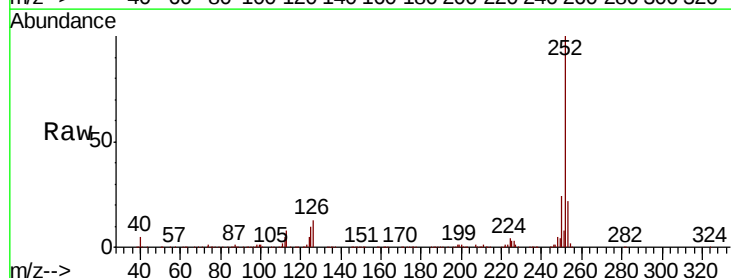


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

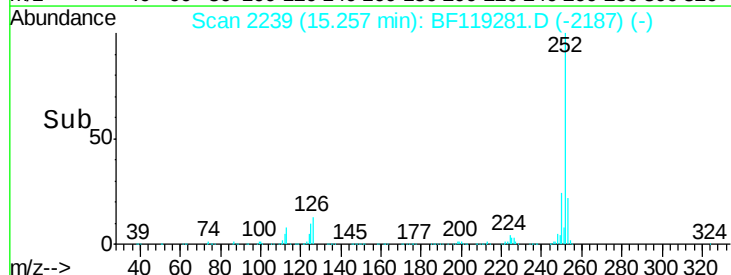
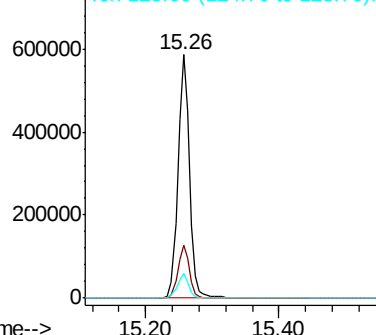


#90
Benzo(a)pyrene
Concen: 47.182 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion:252 Resp: 700445
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 10.2 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 52.017 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

ClientSampleId :

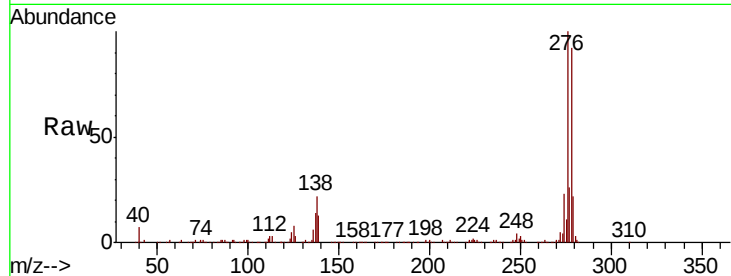
Tot Ion:278 Resp: 679466

Ion Ratio Lower Upper

278 100

139 13.8 11.0 16.4

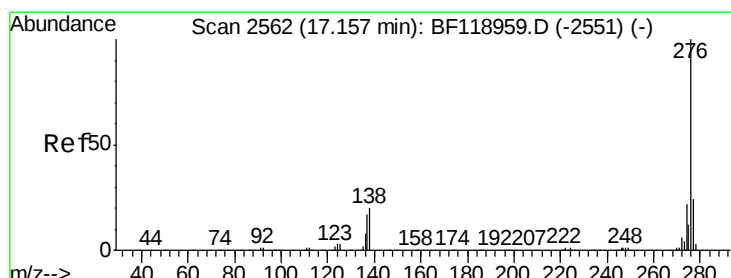
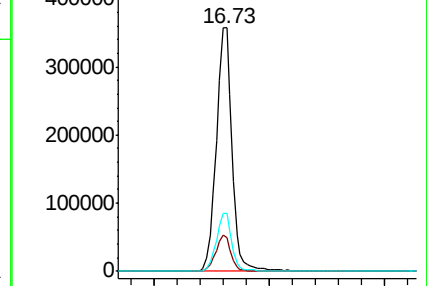
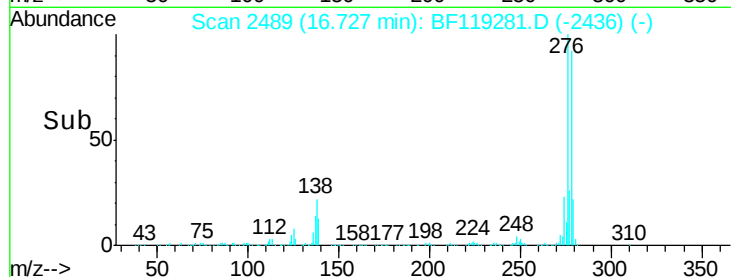
279 23.7 18.6 28.0



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: 52.585 ng

RT: 17.14 min Scan# 2560

Delta R.T. 0.01 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

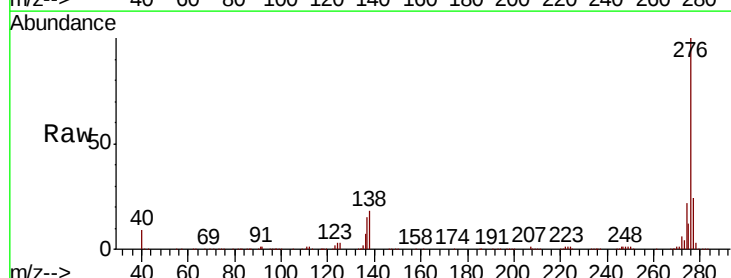
Tgt Ion:276 Resp: 678676

Ion Ratio Lower Upper

276 100

277 24.0 18.7 28.1

138 18.3 14.3 21.5



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

