

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111319\
 Data File : BF117780.D
 Acq On : 13 Nov 2019 17:18
 Operator : JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 13 17:49:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 16:36:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	276473	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	990245	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	502429	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	954392	20.00	ng	0.00
76) Chrysene-d12	14.12	240	538568	20.00	ng	0.00
87) Perylene-d12	15.63	264	485978	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	2120057	138.81	ng	0.00
7) Phenol-d6	6.56	99	2603779	138.26	ng	0.01
23) Nitrobenzene-d5	7.50	82	2543762	151.66	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	799735	162.72	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	4040208	158.66	ng	0.00
79) Terphenyl-d14	13.06	244	4244585	162.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	532407	69.960	ng	100
3) Pyridine	3.49	79	1447469	69.148	ng	99
4) n-Nitrosodimethylamine	3.47	42	633402	68.663	ng	99
6) Aniline	6.60	93	1839060	69.582	ng	99
8) 2-Chlorophenol	6.72	128	1202802	70.791	ng	98
9) Benzaldehyde	6.47	77	729119	55.643	ng	99
10) Phenol	6.57	94	1411719	69.567	ng	95
11) bis(2-Chloroethyl)ether	6.67	93	1122100	66.963	ng	97
12) 1,3-Dichlorobenzene	6.87	146	1409080	71.544	ng	97
13) 1,4-Dichlorobenzene	6.95	146	1420042	72.027	ng	98
14) 1,2-Dichlorobenzene	7.10	146	1273436	70.151	ng	99
15) Benzyl Alcohol	7.07	79	1068163	71.135	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1699755	64.154	ng	98
17) 2-Methylphenol	7.17	107	1049983	71.953	ng	98
18) Hexachloroethane	7.45	117	532451	73.064	ng	94
19) n-Nitroso-di-n-propylamine	7.35	70	834290	67.375	ng	99
20) 3+4-Methylphenols	7.33	107	1180977	67.965	ng	# 89
22) Acetophenone	7.35	105	1617071	71.449	ng	98
24) Nitrobenzene	7.52	77	1305257	74.524	ng	98
25) Isophorone	7.76	82	2335767	72.811	ng	98
26) 2-Nitrophenol	7.83	139	677265	83.294	ng	93
27) 2,4-Dimethylphenol	7.86	122	996835	72.707	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	1433994	69.636	ng	100
29) 2,4-Dichlorophenol	8.07	162	1060984	75.113	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	1210295	74.848	ng	100
31) Naphthalene	8.24	128	3288164	72.647	ng	97
32) Benzoic acid	8.01	122	943370	86.923	ng	97
33) 4-Chloroaniline	8.29	127	1516897	72.125	ng	98
34) Hexachlorobutadiene	8.36	225	708425	76.505	ng	99
35) Caprolactam	8.68	113	289450	61.826	ng	100
36) 4-Chloro-3-methylphenol	8.77	107	1089944	76.469	ng	98
37) 2-Methylnaphthalene	8.93	142	2225962	72.239	ng	98
38) 1-Methylnaphthalene	9.03	142	2092423	71.507	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	1073631	78.109	ng	99

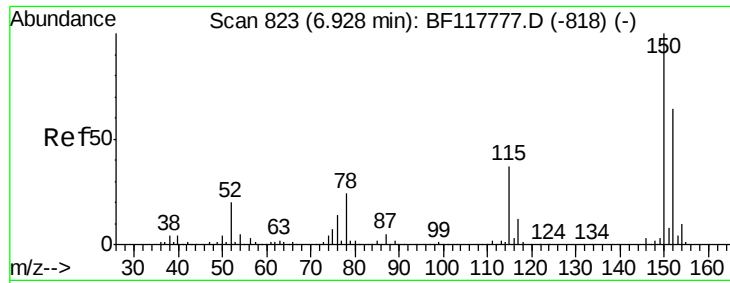
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111319\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	651624	87.875	nq	99
43) 2,4,6-Trichlorophenol	9.21	196	801807	80.094	nq	97
44) 2,4,5-Trichlorophenol	9.25	196	834438	82.233	nq	97
46) 1,1'-Biphenyl	9.40	154	2652727	75.387	nq	98
47) 2-Chloronaphthalene	9.43	162	2248361	76.996	nq	97
48) 2-Nitroaniline	9.52	65	755545	82.564	nq	91
49) Acenaphthylene	9.85	152	3189653	75.004	nq	97
50) Dimethylphthalate	9.70	163	2635899	77.604	nq	100
51) 2,6-Dinitrotoluene	9.76	165	610382	80.253	nq	97
52) Acenaphthene	10.02	154	2121302	77.303	nq	99
53) 3-Nitroaniline	9.93	138	737153	80.335	nq	99
54) 2,4-Dinitrophenol	10.03	184	319297	122.454	nq	# 85
55) Dibenzofuran	10.19	168	2846488	74.130	nq	96
56) 4-Nitrophenol	10.09	139	563832	81.706	nq	95
57) 2,4-Dinitrotoluene	10.17	165	799755	81.970	nq	98
58) Fluorene	10.53	166	2118267	74.850	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.30	232	678374	80.422	nq	97
60) Diethylphthalate	10.40	149	2531368	75.781	nq	97
61) 4-Chlorophenyl-phenylether	10.52	204	1106965	75.140	nq	97
62) 4-Nitroaniline	10.56	138	756535	83.767	nq	99
63) Azobenzene	10.68	77	2269213	71.724	nq	98
65) 4,6-Dinitro-2-methylphenol	10.58	198	397673	104.350	nq	95
66) n-Nitrosodiphenylamine	10.65	169	2019338	71.638	nq	99
67) 4-Bromophenyl-phenylether	11.02	248	749061	71.866	nq	98
68) Hexachlorobenzene	11.08	284	879109	73.011	nq	99
69) Atrazine	11.17	200	678898	73.088	nq	99
70) Pentachlorophenol	11.27	266	553013	82.158	nq	99
71) Phenanthrene	11.50	178	3301572	72.172	nq	97
72) Anthracene	11.55	178	3261426	71.661	nq	97
73) Carbazole	11.70	167	2975932	71.528	nq	98
74) Di-n-butylphthalate	12.03	149	3493158	69.048	nq	97
75) Fluoranthene	12.69	202	3298190	70.609	nq	98
77) Benzidine	12.80	184	1085504	57.973	nq	96
78) Pyrene	12.92	202	3287971	83.631	nq	96
80) Butylbenzylphthalate	13.53	149	1481832	81.600	nq	93
81) Benzo(a)anthracene	14.11	228	2667709	79.577	nq	97
82) 3,3'-Dichlorobenzidine	14.07	252	923260	73.740	nq	98
83) Chrysene	14.15	228	2575551	77.797	nq	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	1737881	74.190	nq	99
85) Di-n-octyl phthalate	14.71	149	2526997	68.554	nq	100
86) Indeno(1,2,3-cd)pyrene	17.17	276	2491002	80.841	nq	99
88) Benzo(b)fluoranthene	15.18	252	2461042	80.406	nq	99
89) Benzo(k)fluoranthene	15.22	252	2177656	79.771	nq	97
90) Benzo(a)pyrene	15.57	252	2147465	80.936	nq	99
91) Dibenzo(a,h)anthracene	17.19	278	1986960	83.498	nq	98
92) Benzo(g,h,i)perylene	17.64	276	2042145	88.551	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

Instrument :

BNA_F

ClientSampleId :

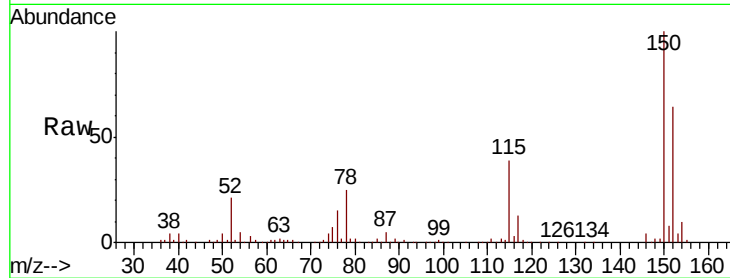
Tot Ion:152 Resp: 276473

Ion Ratio Lower Upper

152 100

150 155.5 125.3 187.9

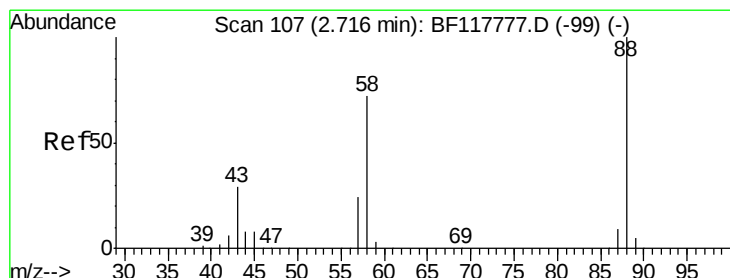
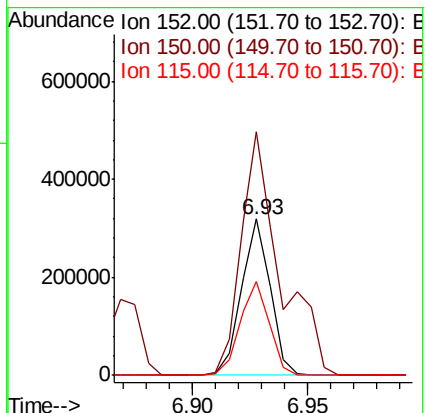
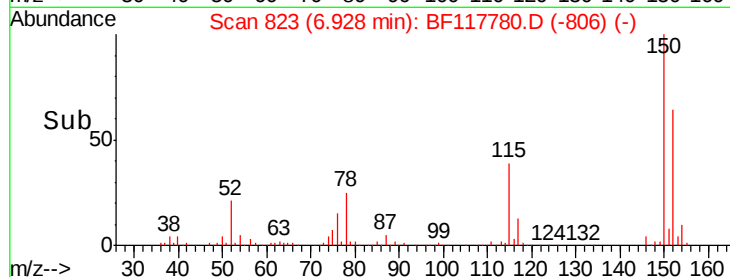
115 60.0 47.0 70.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 69.960 ng

RT: 2.72 min Scan# 108

Delta R.T. 0.01 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

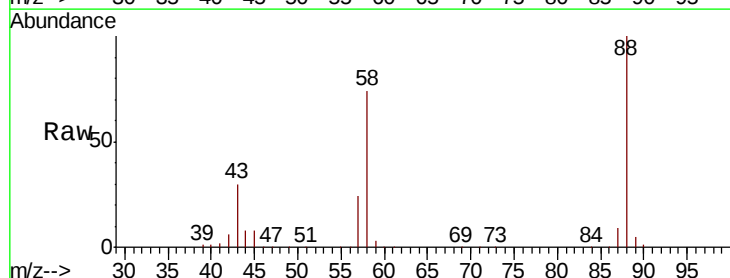
Tgt Ion: 88 Resp: 532407

Ion Ratio Lower Upper

88 100

58 72.5 58.2 87.2

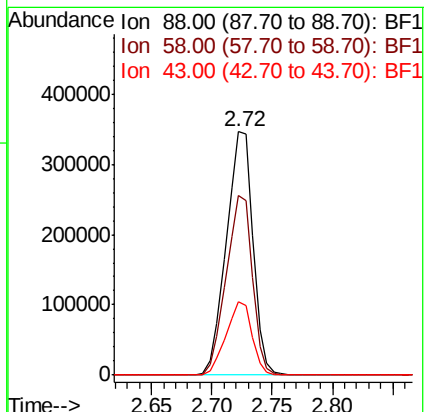
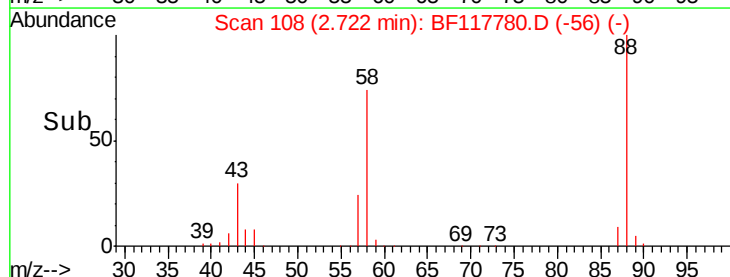
43 29.3 23.3 34.9

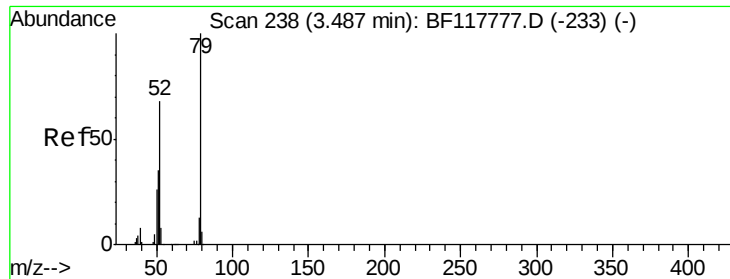


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

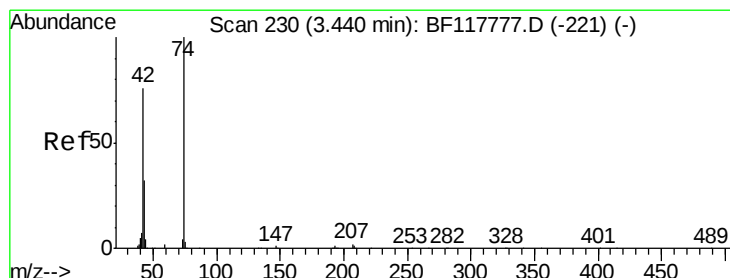
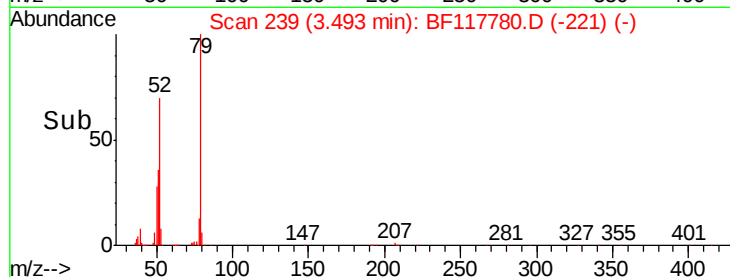
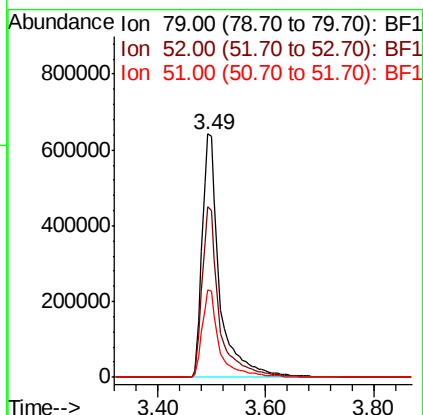
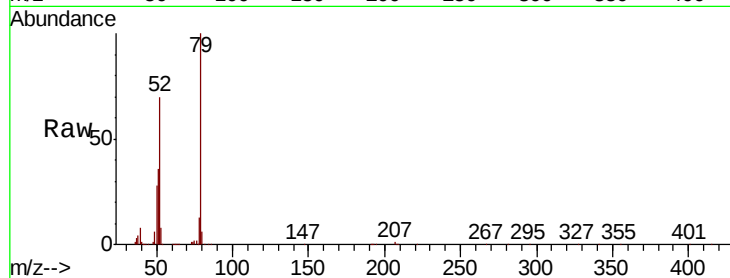




#3
 Pvridine
 Concen: 69.148 ng
 RT: 3.49 min Scan# 239
 Delta R.T. 0.01 min
 Lab File: BF117780.D
 Acq: 13 Nov 2019 17:18

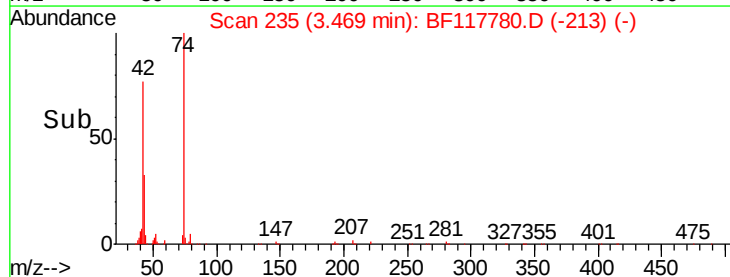
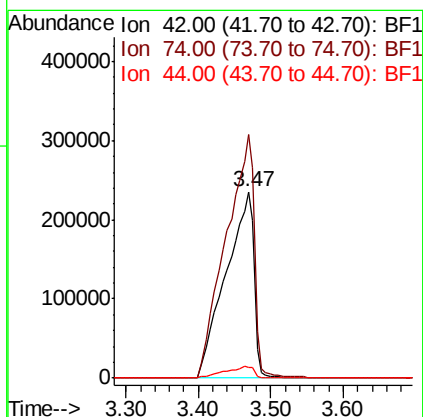
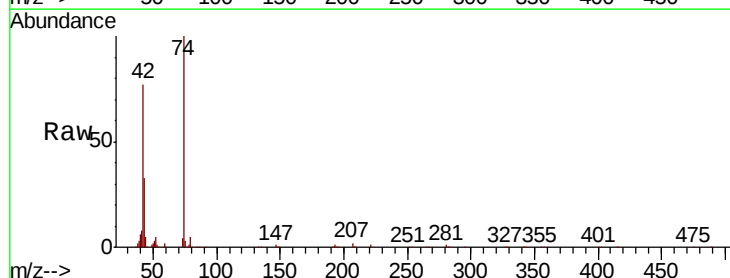
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 1447469
 Ion Ratio Lower Upper
 79 100
 52 69.9 54.8 82.2
 51 35.7 28.2 42.4



#4
 n-Nitrosodimethylamine
 Concen: 68.663 ng
 RT: 3.47 min Scan# 235
 Delta R.T. 0.03 min
 Lab File: BF117780.D
 Acq: 13 Nov 2019 17:18

Tgt Ion: 42 Resp: 633402
 Ion Ratio Lower Upper
 42 100
 74 130.5 105.1 157.7
 44 6.0 4.6 7.0





#5

2-Fluorophenol

Concen: 138.807 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.01 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

Instrument :

BNA_F

ClientSampled :

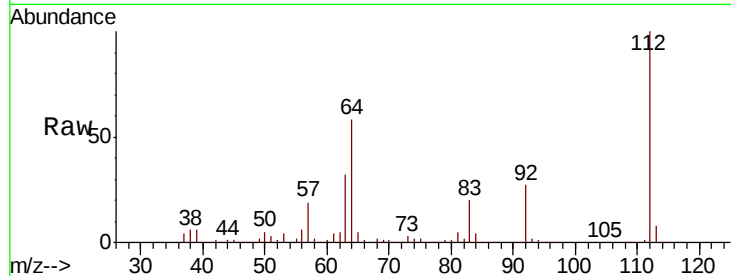
Tot Ion:112 Resp: 2120057

Ion Ratio Lower Upper

112 100

64 57.9 45.6 68.4

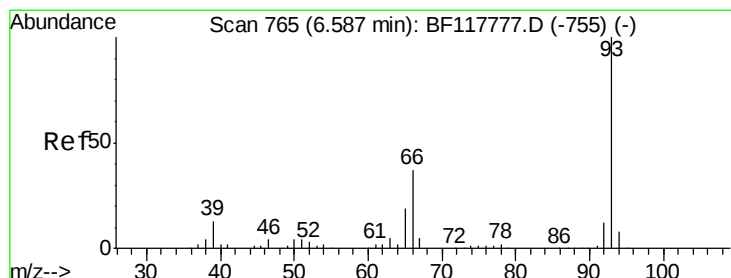
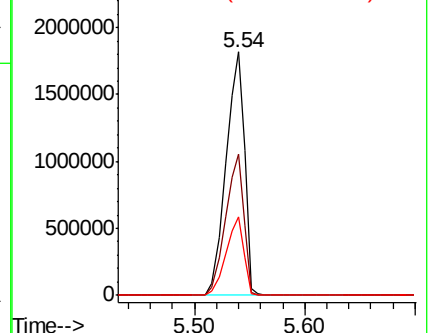
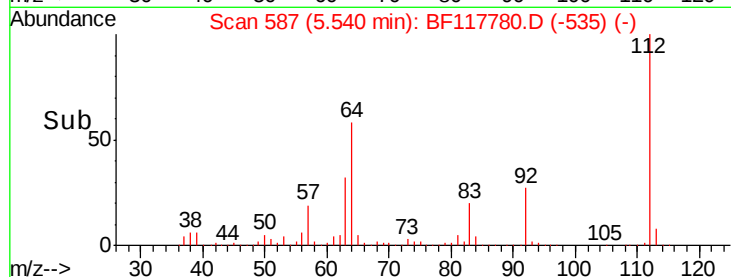
63 32.2 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 69.582 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

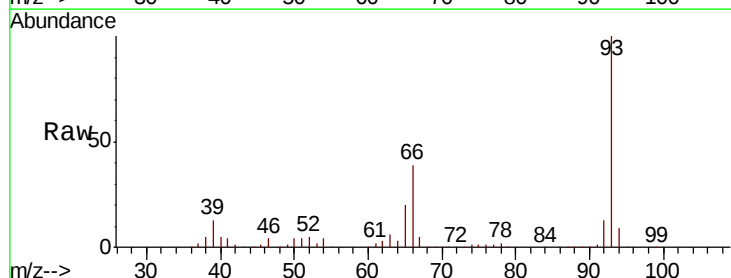
Tgt Ion: 93 Resp: 1839060

Ion Ratio Lower Upper

93 100

66 39.2 30.6 45.8

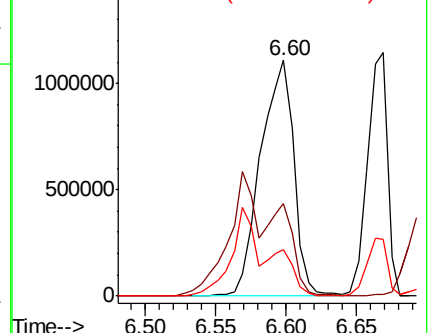
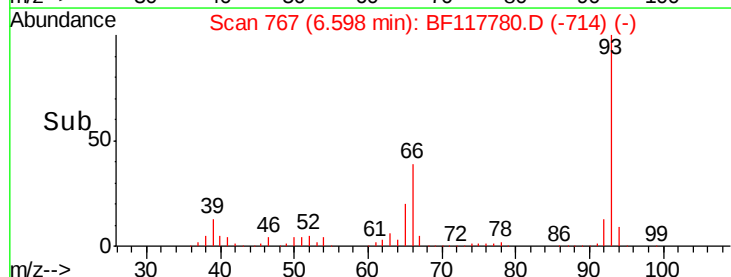
65 19.8 15.6 23.4

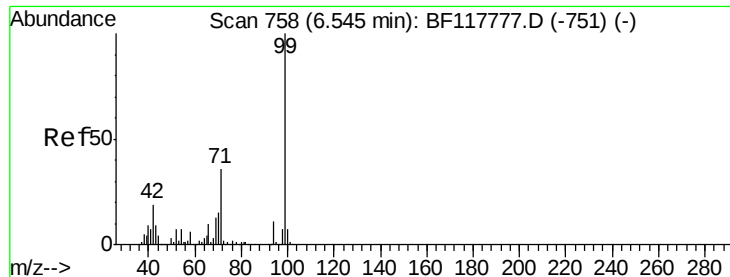


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 138.259 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

Instrument :

BNA_F

ClientSampleId :

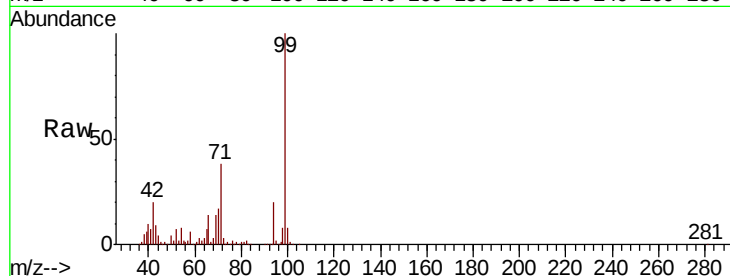
Tot Ion: 99 Resp: 2603779

Ion Ratio Lower Upper

99 100

42 20.1 14.9 22.3

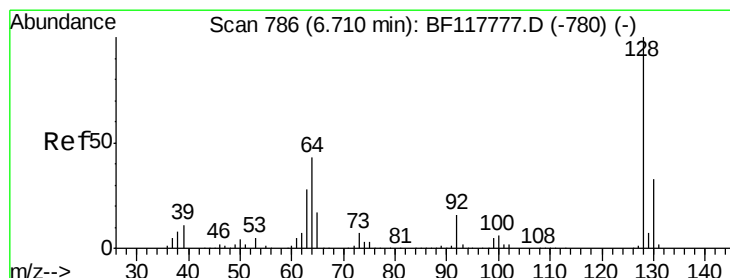
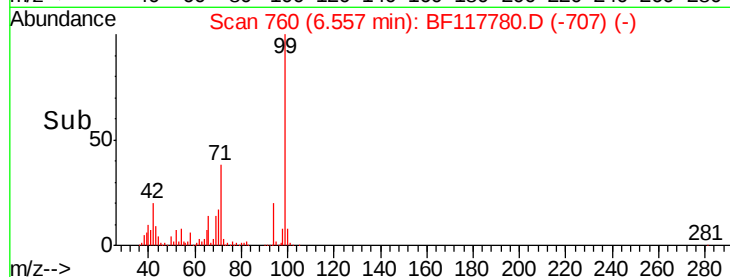
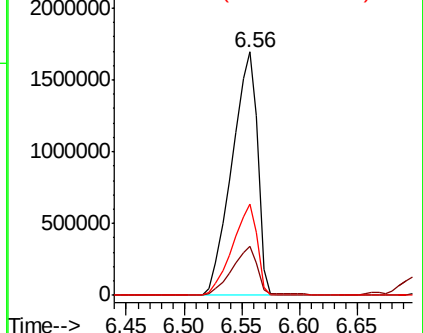
71 37.7 28.6 43.0



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: 70.791 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

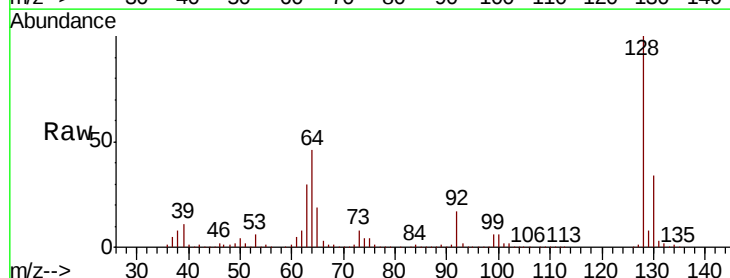
Tgt Ion:128 Resp: 1202802

Ion Ratio Lower Upper

128 100

130 33.8 13.2 53.2

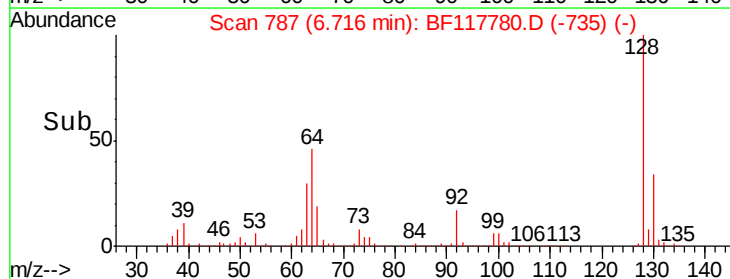
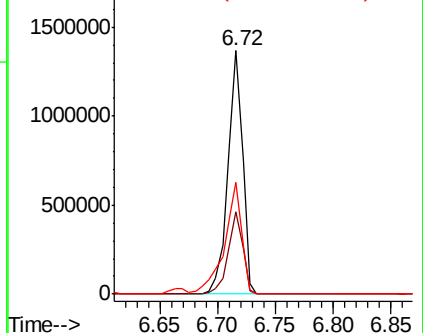
64 45.7 23.7 63.7

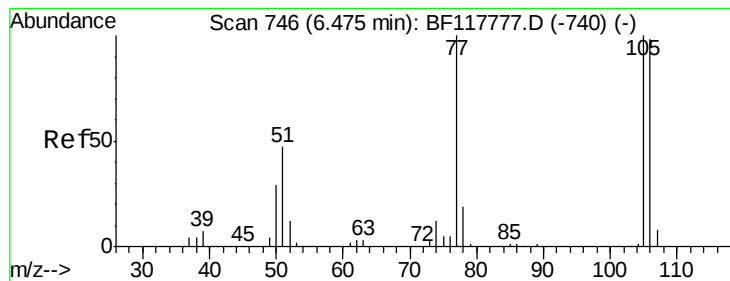


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 55.643 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

Instrument :

BNA_F

ClientSampled :

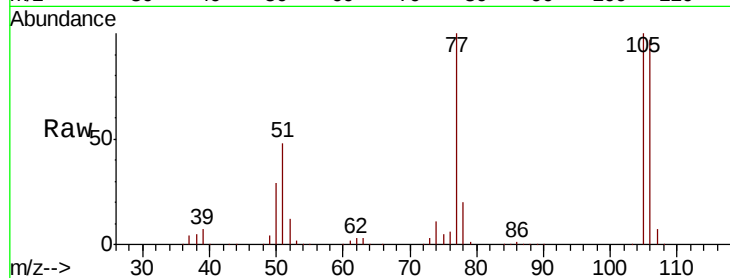
Tot Ion: 77 Resp: 729119

Ion Ratio Lower Upper

77 100

105 99.6 80.2 120.2

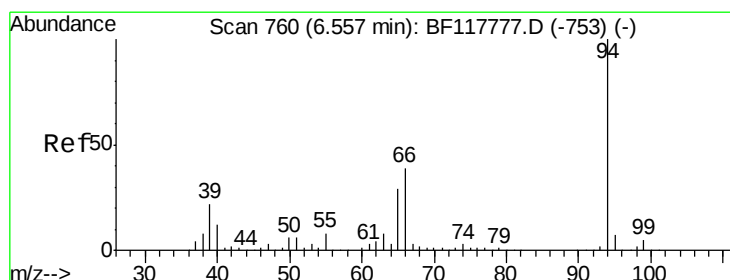
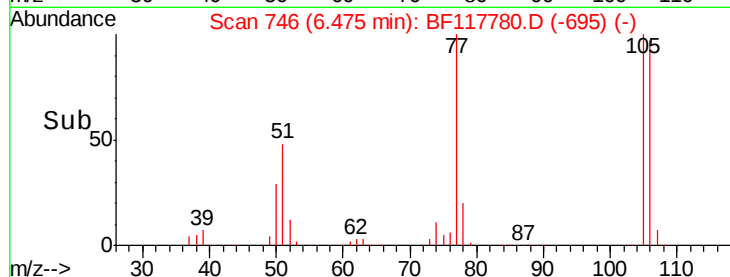
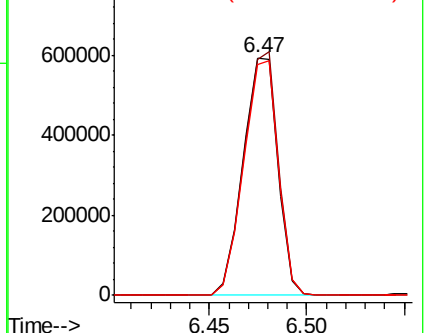
106 97.3 78.4 118.4



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: 69.567 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

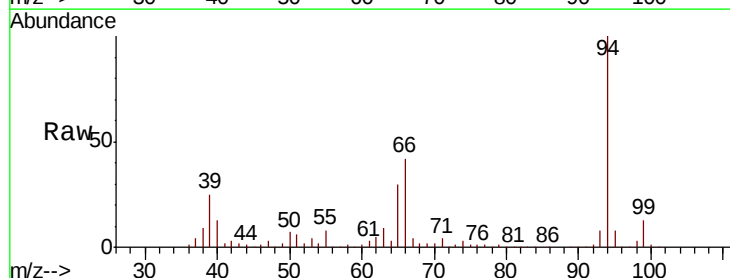
Tgt Ion: 94 Resp: 1411719

Ion Ratio Lower Upper

94 100

65 30.4 8.9 48.9

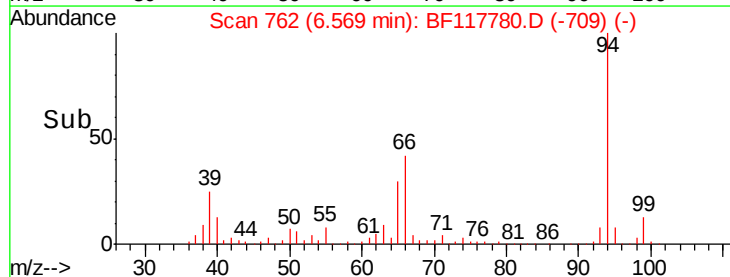
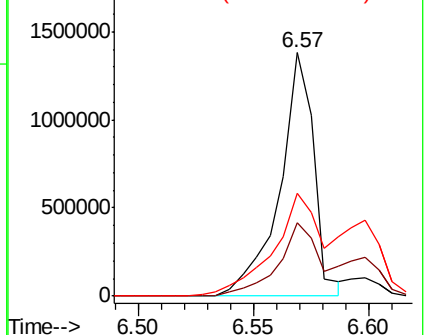
66 42.4 18.7 58.7

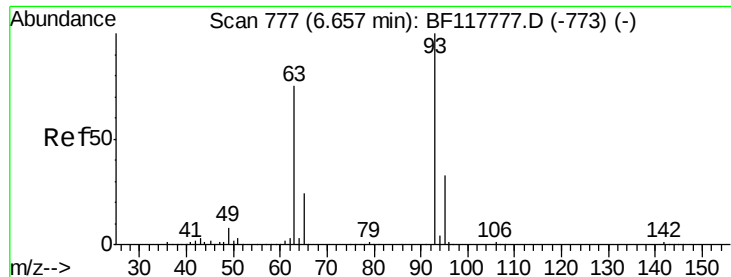


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

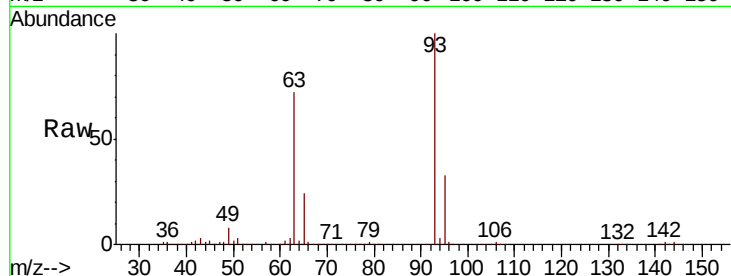




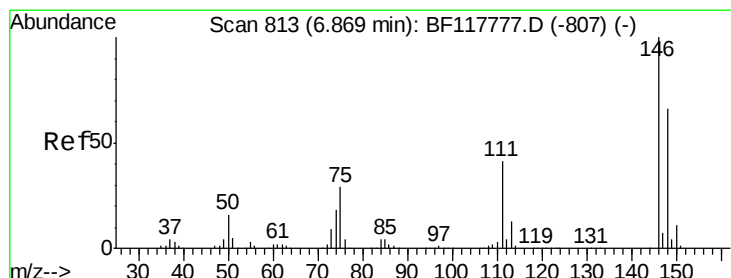
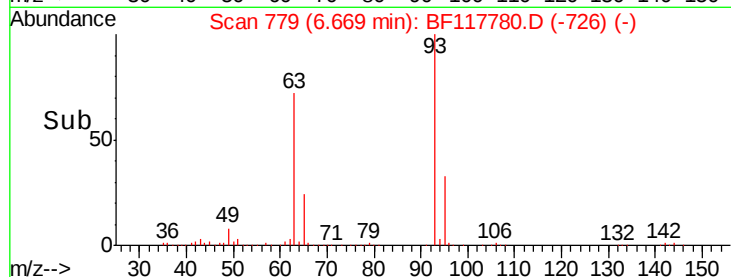
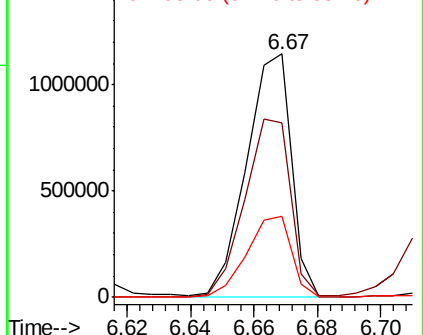
#11
bis(2-Chloroethyl)ether
Concen: 66.963 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 1122100
Ion Ratio Lower Upper
93 100
63 71.7 54.8 94.8
95 33.5 12.7 52.7

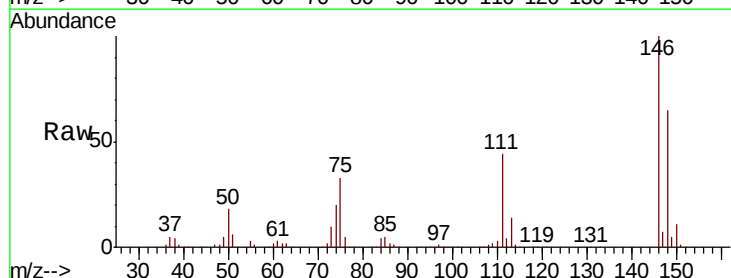


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

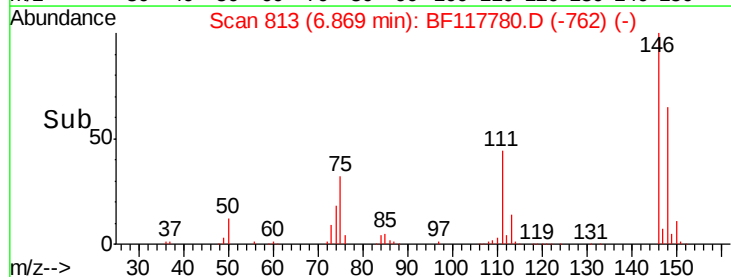
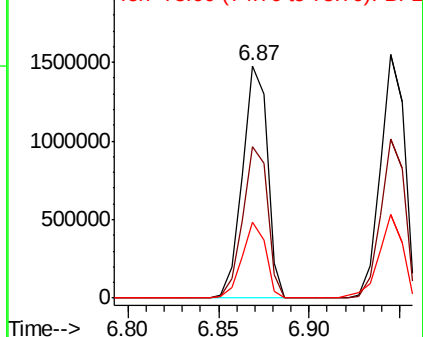


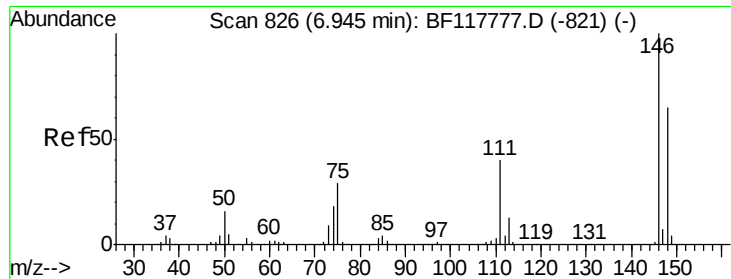
#12
1,3-Dichlorobenzene
Concen: 71.544 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Tgt Ion: 146 Resp: 1409080
Ion Ratio Lower Upper
146 100
148 65.2 52.8 79.2
75 32.8 23.4 35.0



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

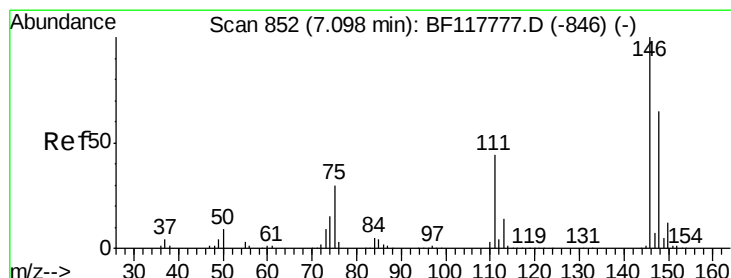
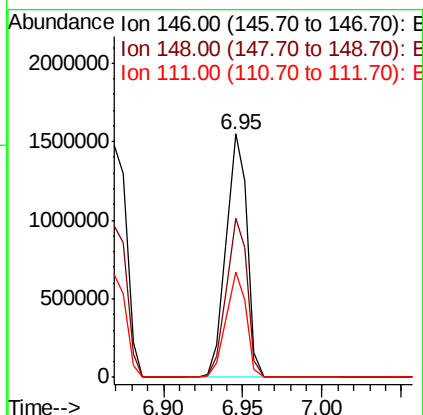
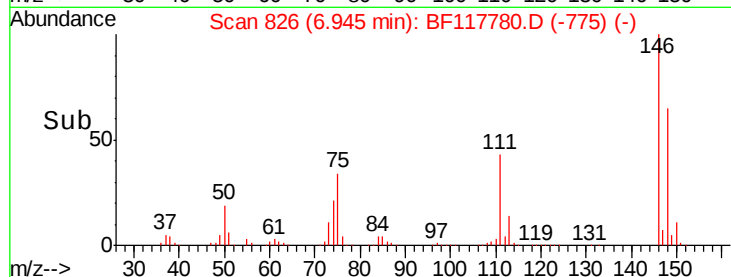
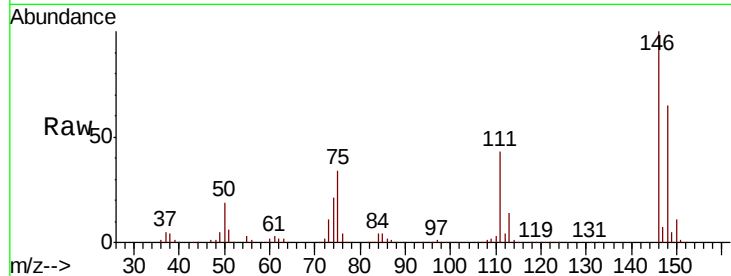




#13
 1,4-Dichlorobenzene
 Concen: 72.027 ng
 RT: 6.95 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF117780.D
 Acq: 13 Nov 2019 17:18

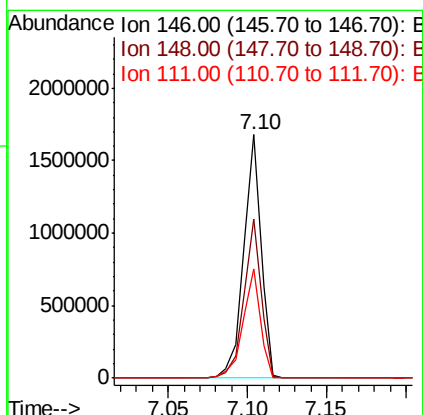
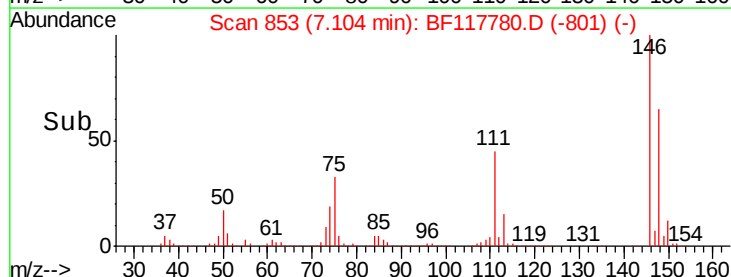
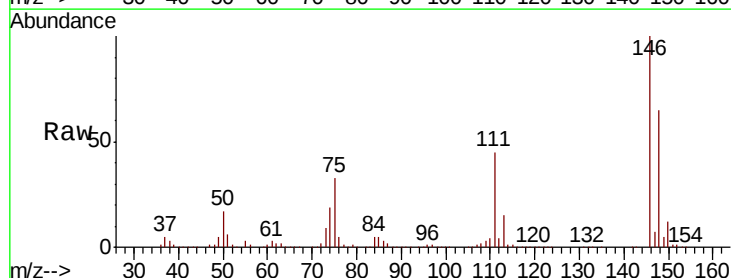
Instrument :
 BNA_F
 ClientSampleId :

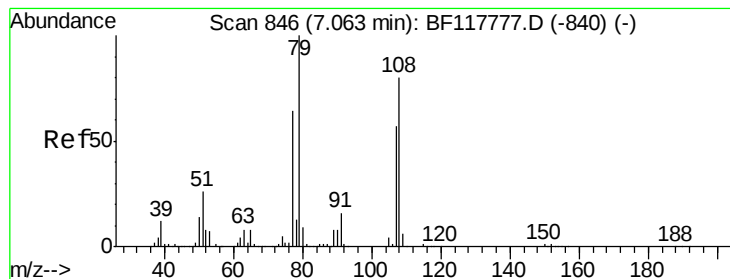
Tot Ion:146 Resp: 1420042
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.3 78.5
 111 43.4 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 70.151 ng
 RT: 7.10 min Scan# 853
 Delta R.T. 0.01 min
 Lab File: BF117780.D
 Acq: 13 Nov 2019 17:18

Tgt Ion:146 Resp: 1273436
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.8 77.8
 111 44.8 35.0 52.6





#15

Benzyl Alcohol

Concen: 71.135 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.01 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

Instrument :

BNA_F

ClientSampled :

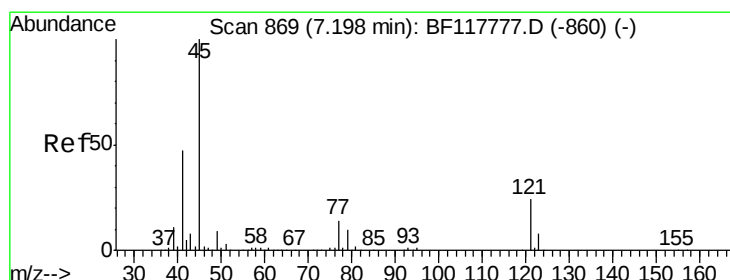
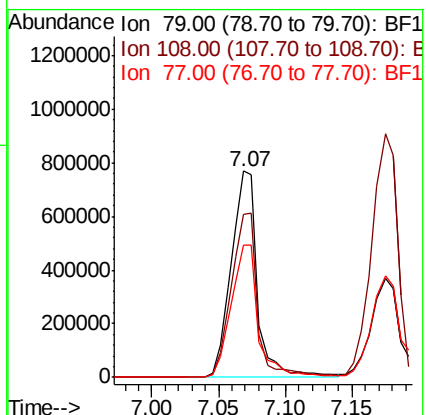
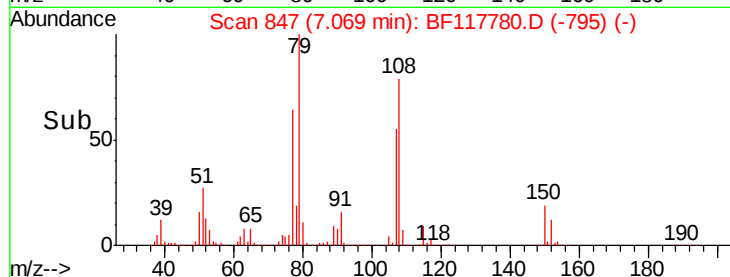
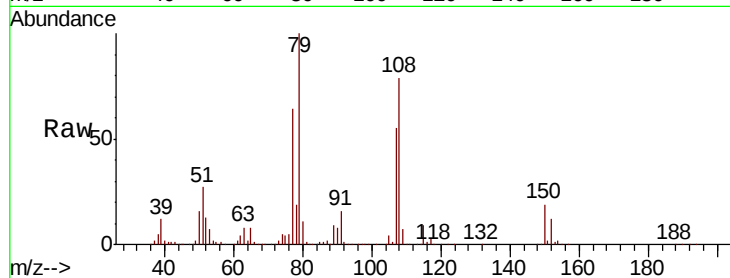
Tot Ion: 79 Resp: 1068163

Ion Ratio Lower Upper

79 100

108 79.2 64.1 96.1

77 64.2 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 64.154 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.01 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

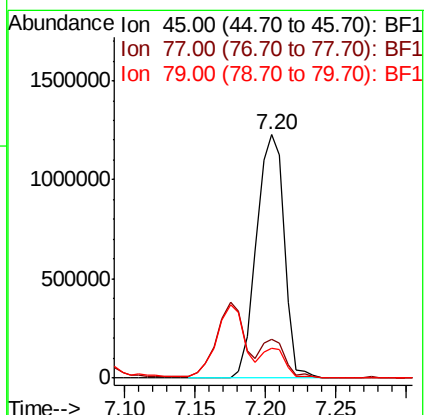
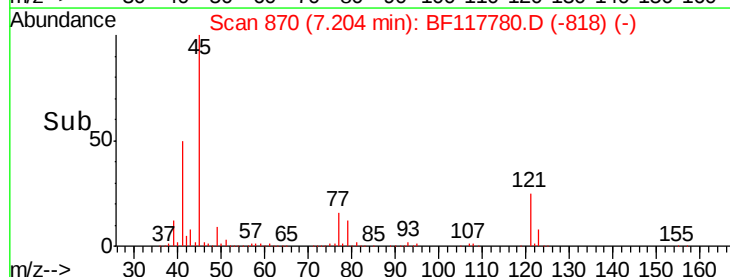
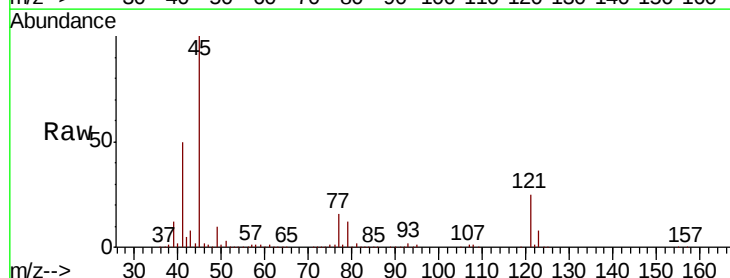
Tgt Ion: 45 Resp: 1699755

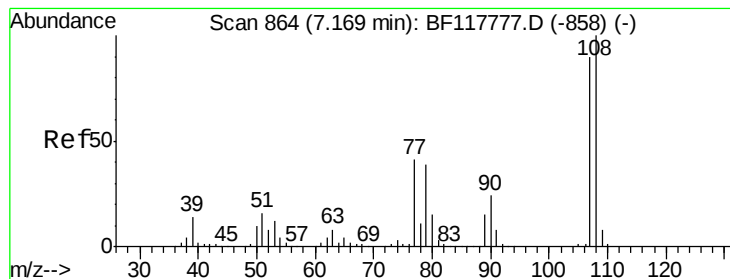
Ion Ratio Lower Upper

45 100

77 15.7 0.0 35.0

79 12.4 0.0 31.1

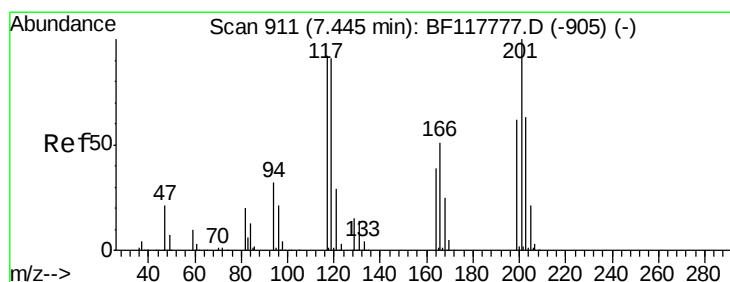
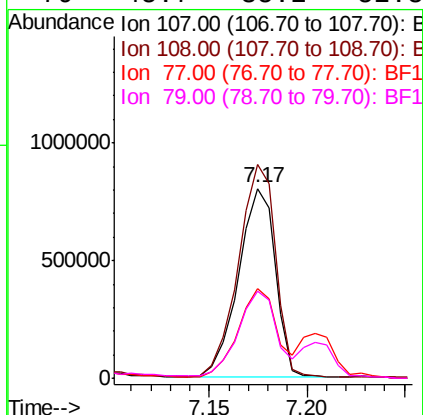
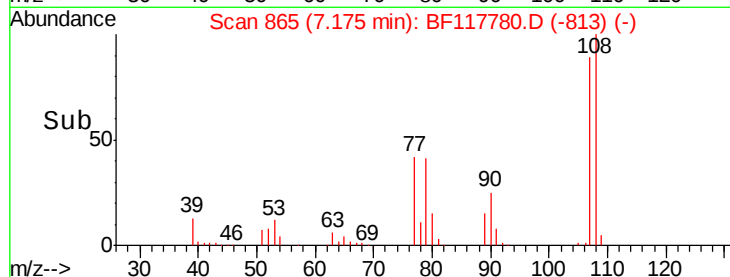
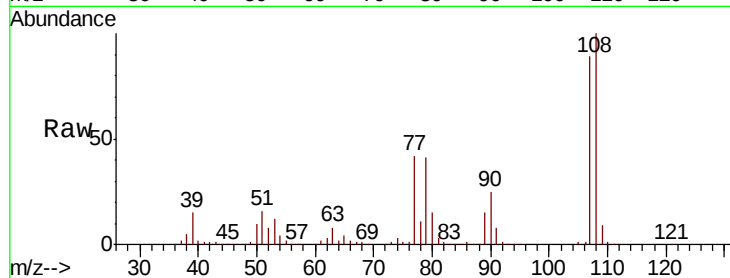




#17
2-Methylphenol
Concen: 71.953 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

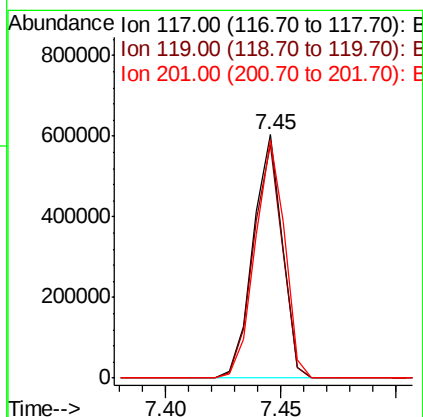
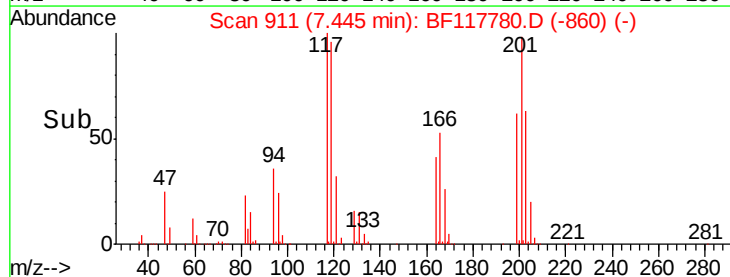
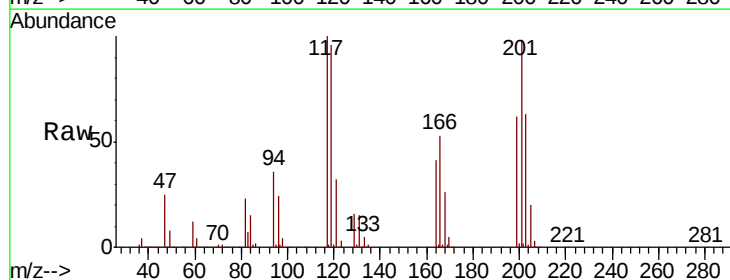
Instrument :
BNA_F
ClientSampleId :

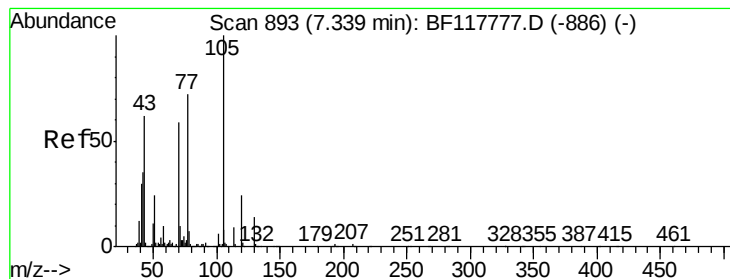
Tot Ion:107 Resp: 1049983
Ion Ratio Lower Upper
107 100
108 112.4 89.1 133.7
77 47.1 36.6 54.8
79 45.7 35.2 52.8



#18
Hexachloroethane
Concen: 73.064 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Tgt Ion:117 Resp: 532451
Ion Ratio Lower Upper
117 100
119 95.7 78.7 118.1
201 97.7 86.5 129.7





#19

n-Nitroso-di-n-propylamine

Concen: 67.375 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 834290

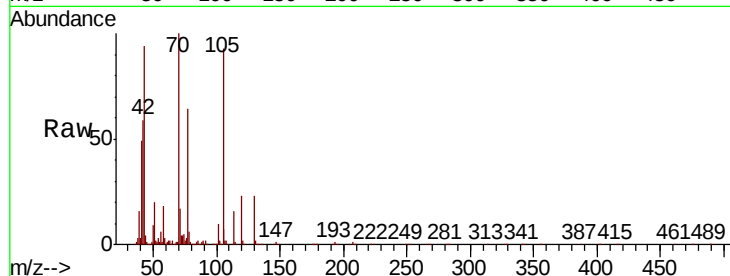
Ion Ratio Lower Upper

70 100

42 58.6 47.4 71.2

101 10.4 8.4 12.6

130 22.8 18.8 28.2

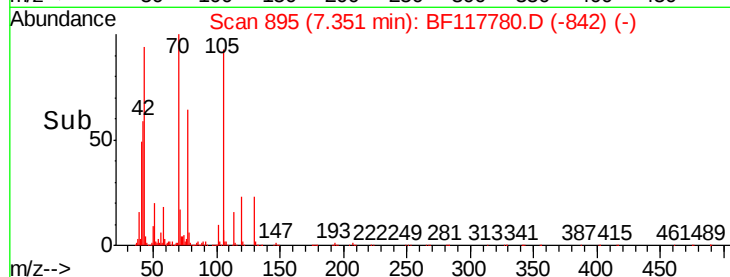
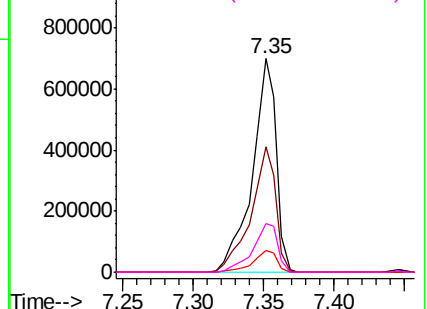


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 67.965 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.01 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

Tgt Ion:107 Resp: 1180977

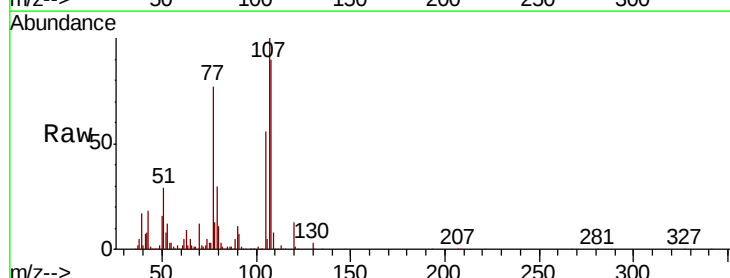
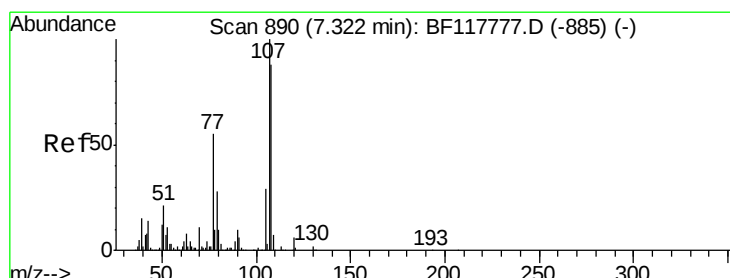
Ion Ratio Lower Upper

107 100

108 90.2 68.4 108.4

77 77.4 35.2 75.2#

79 29.6 8.6 48.6

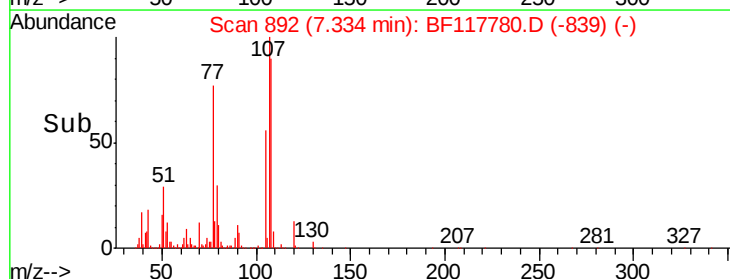
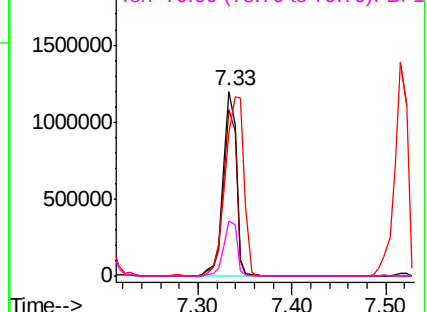


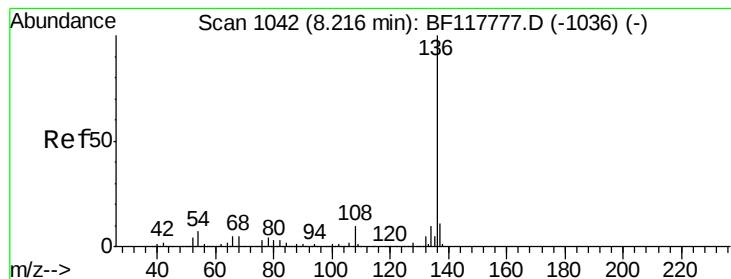
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 990245

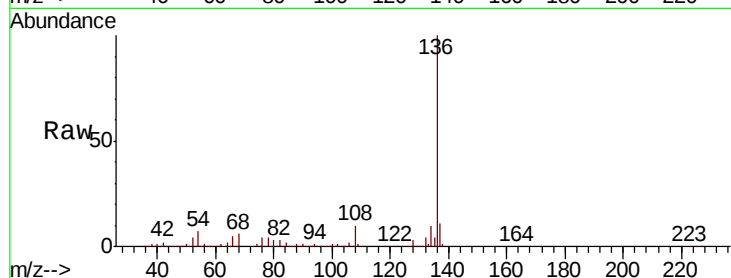
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.5 5.4 8.2

68 5.5 4.3 6.5

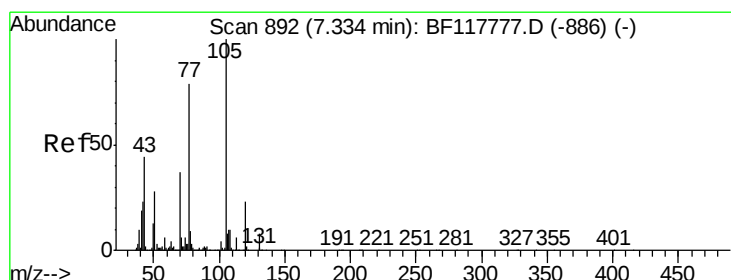
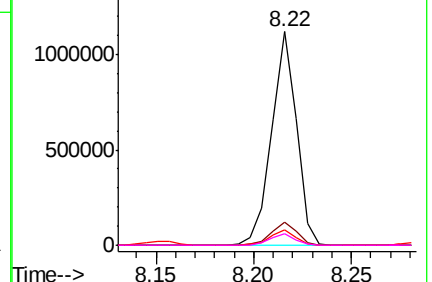
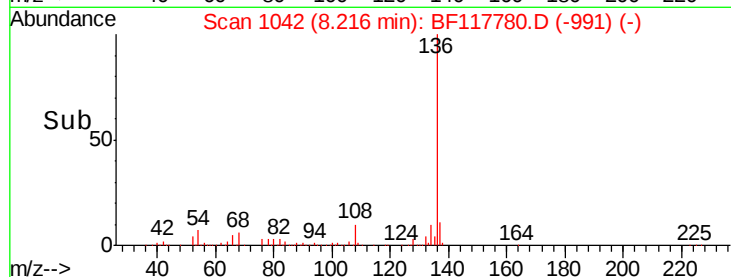


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.449 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.01 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

Tgt Ion:105 Resp: 1617071

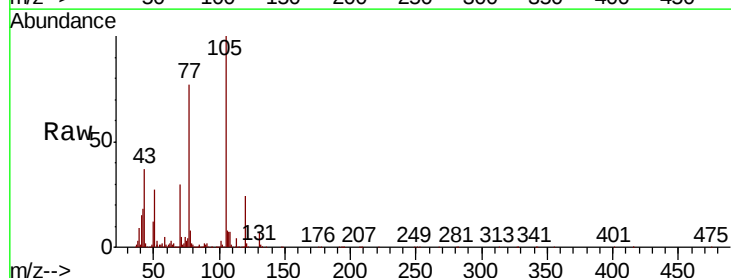
Ion Ratio Lower Upper

105 100

71 5.0 4.9 7.3

51 27.2 22.7 34.1

120 23.5 18.5 27.7

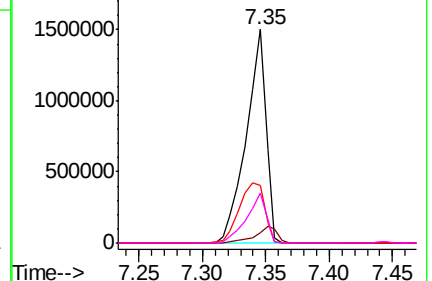
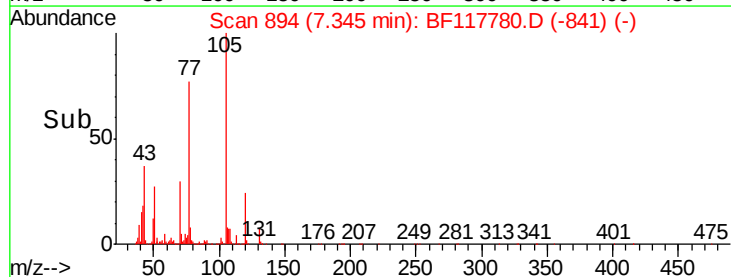


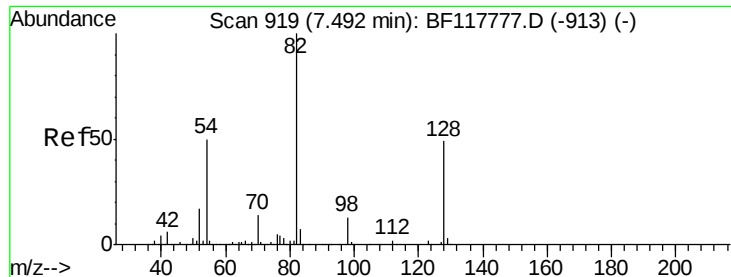
Abundance Ion 105.00 (104.70 to 105.70): E

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

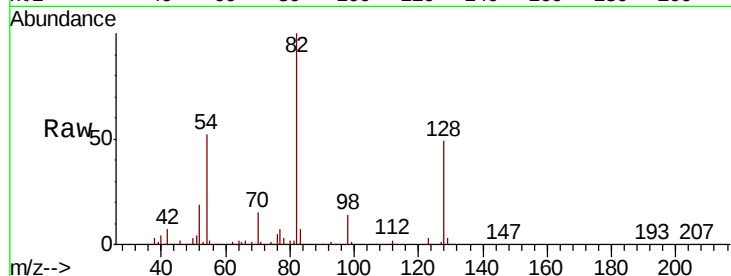




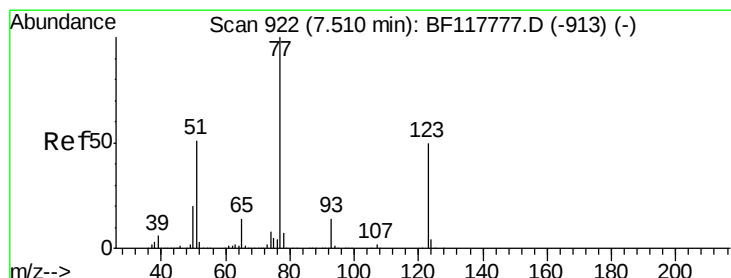
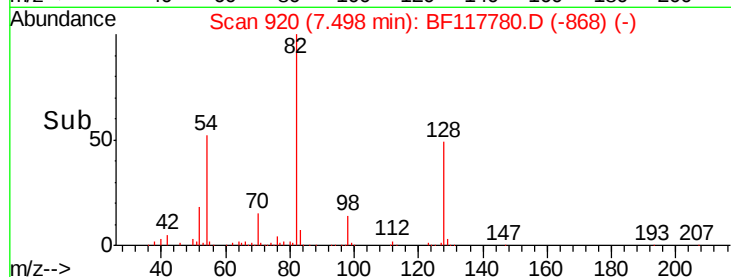
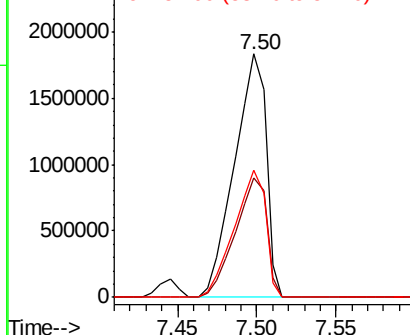
#23
Nitrobenzene-d5
Concen: 151.661 ng
RT: 7.50 min Scan# 920
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 2543762
Ion Ratio Lower Upper
82 100
128 49.1 38.9 58.3
54 52.0 39.8 59.6

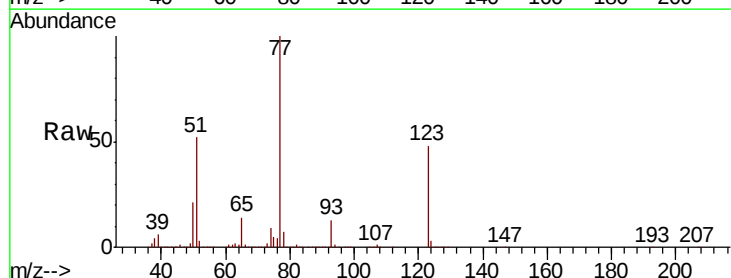


Abundance Ion 82.00 (81.70 to 82.70): BF1
2500000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

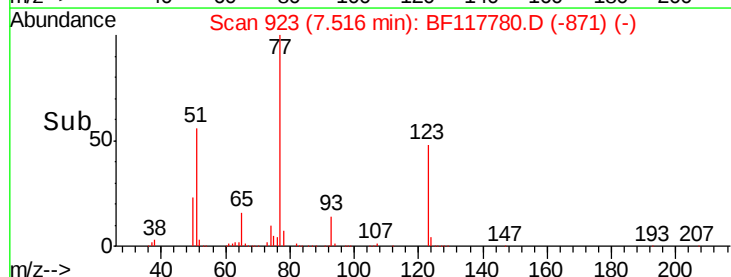
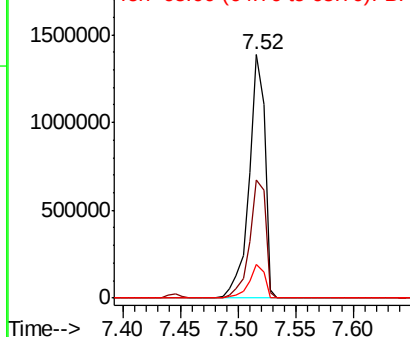


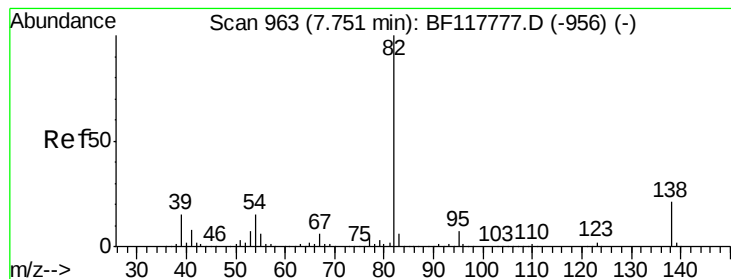
#24
Nitrobenzene
Concen: 74.524 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Tgt Ion: 77 Resp: 1305257
Ion Ratio Lower Upper
77 100
123 48.5 40.3 60.5
65 14.1 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
1500000 Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 72.811 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

Instrument :

BNA_F

ClientSampleId :

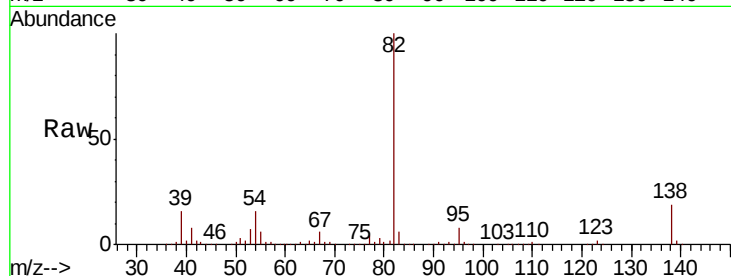
Tot Ion: 82 Resp: 2335767

Ion Ratio Lower Upper

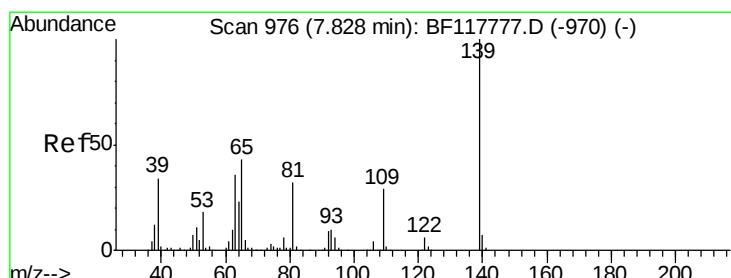
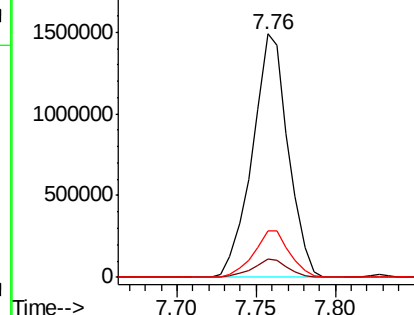
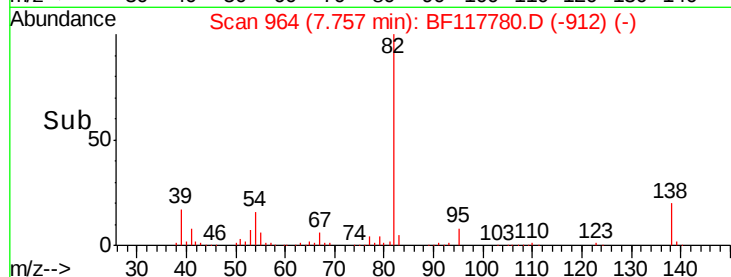
82 100

95 7.6 5.8 8.8

138 19.2 16.5 24.7



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: 83.294 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

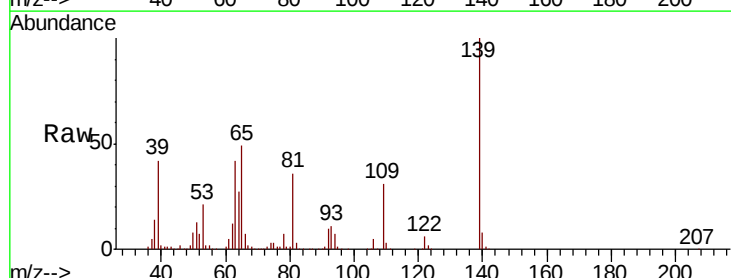
Tgt Ion: 139 Resp: 677265

Ion Ratio Lower Upper

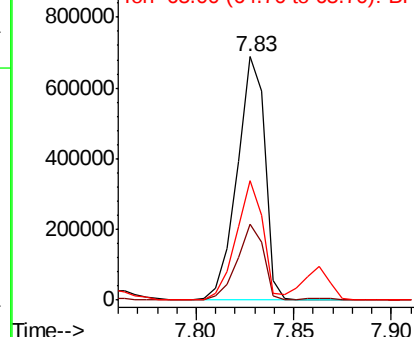
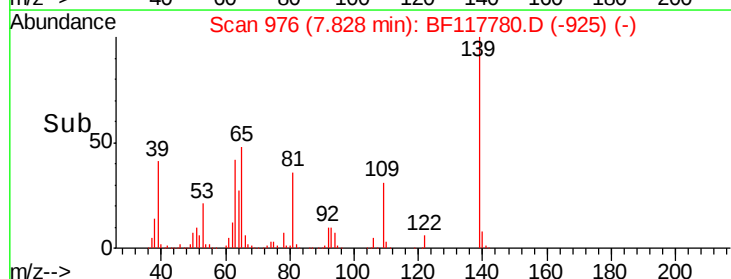
139 100

109 31.1 23.0 34.4

65 49.3 34.7 52.1



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

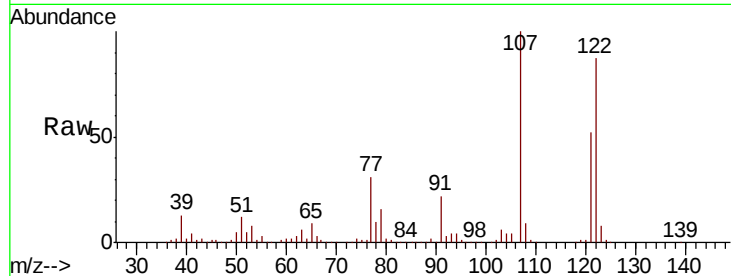




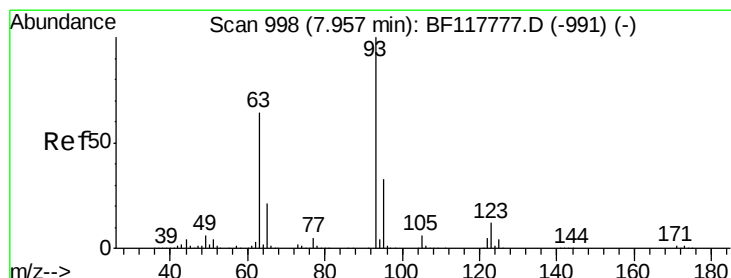
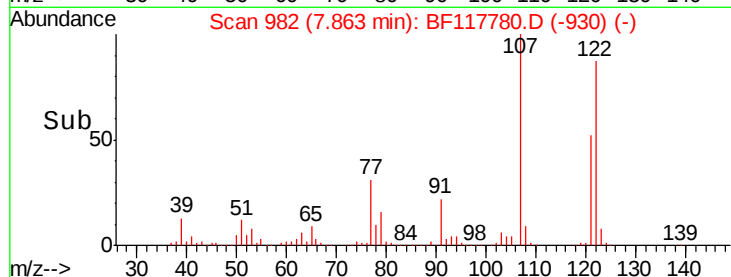
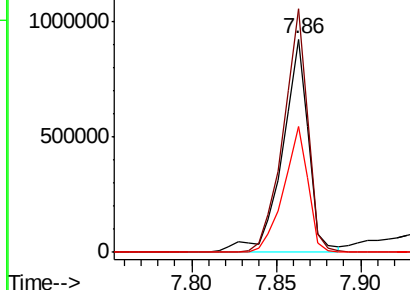
#27
2,4-Dimethylphenol
Concen: 72.707 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 996835
Ion Ratio Lower Upper
122 100
107 114.4 90.0 135.0
121 58.9 46.7 70.1

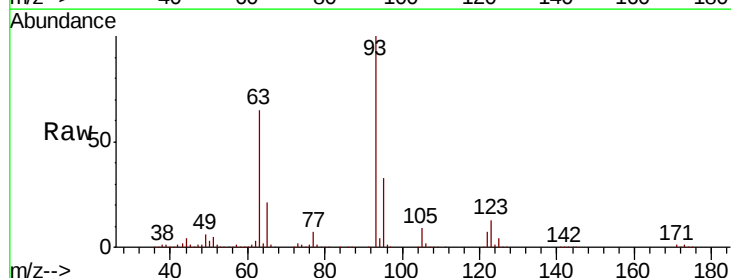


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

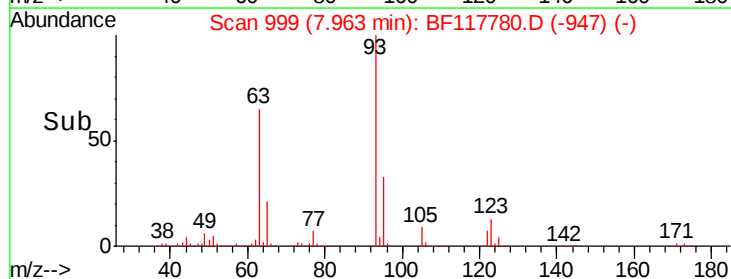
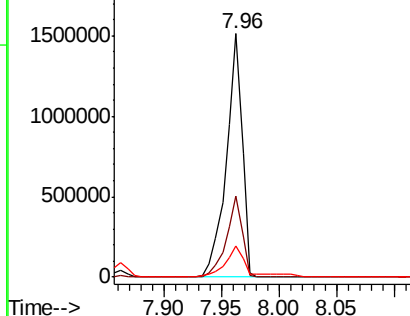


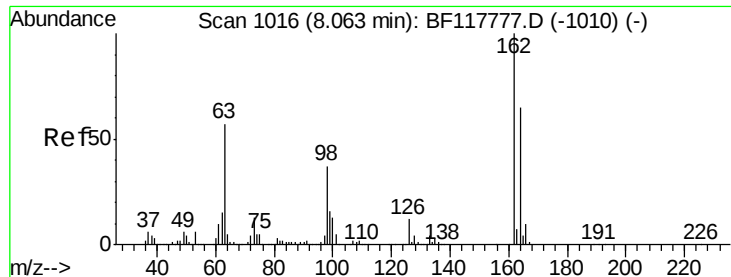
#28
bis(2-Chloroethoxy)methane
Concen: 69.636 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Tgt Ion: 93 Resp: 1433994
Ion Ratio Lower Upper
93 100
95 33.3 26.6 40.0
123 12.9 10.3 15.5



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

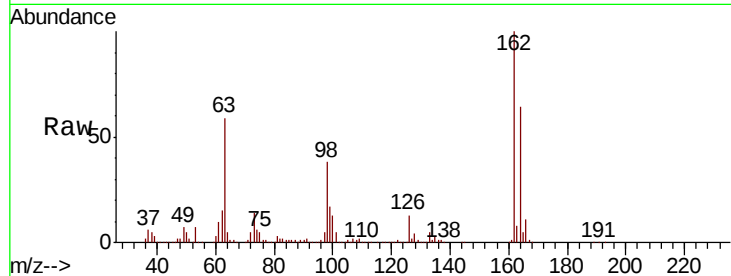




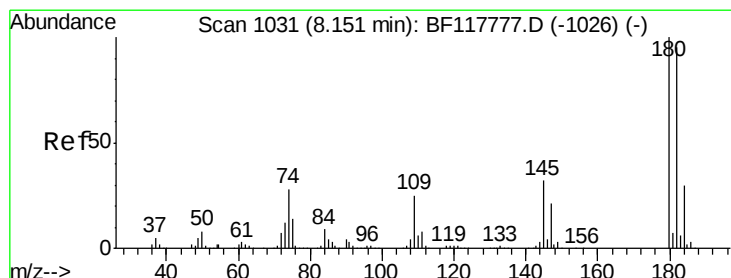
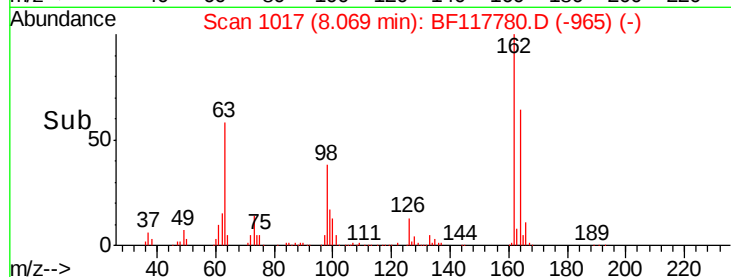
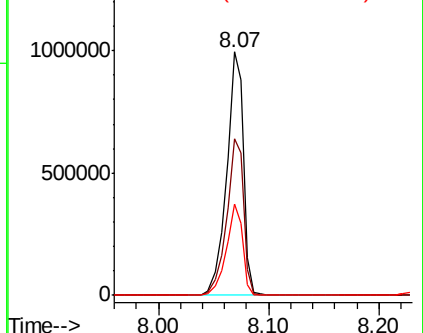
#29
2,4-Dichlorophenol
Concen: 75.113 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1060984
Ion Ratio Lower Upper
162 100
164 64.4 45.1 85.1
98 37.7 17.2 57.2

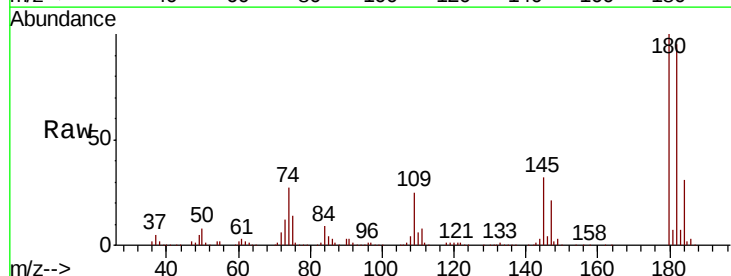


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

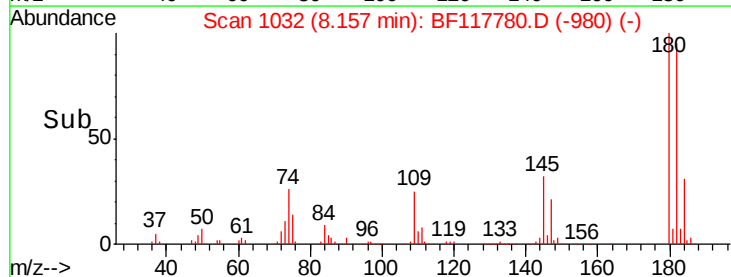
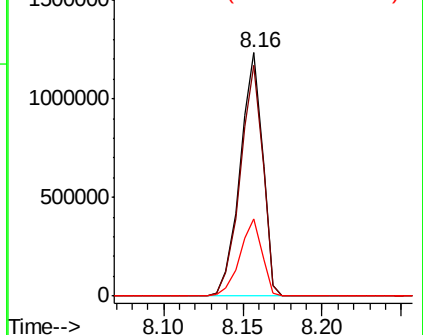


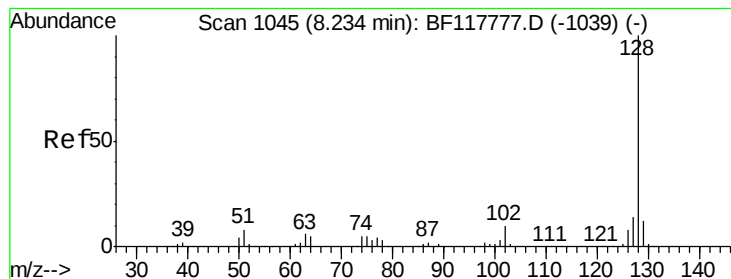
#30
1,2,4-Trichlorobenzene
Concen: 74.848 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Tgt Ion:180 Resp: 1210295
Ion Ratio Lower Upper
180 100
182 94.6 75.8 113.6
145 31.7 25.5 38.3



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: 72.647 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.01 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

Instrument :

BNA_F

ClientSampleId :

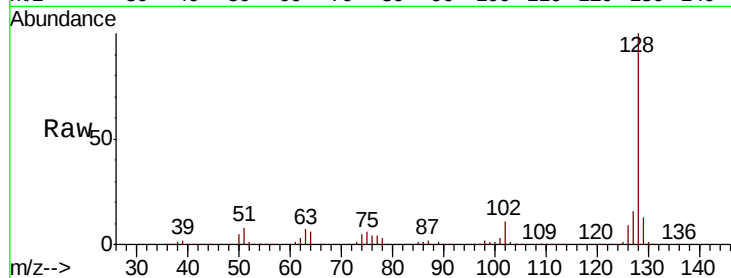
Tot Ion:128 Resp: 3288164

Ion Ratio Lower Upper

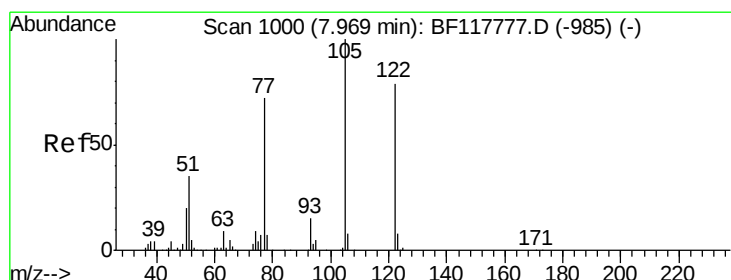
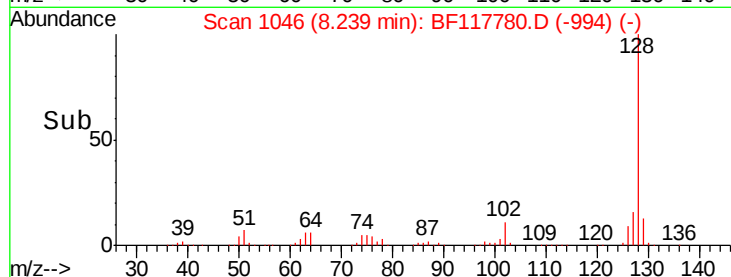
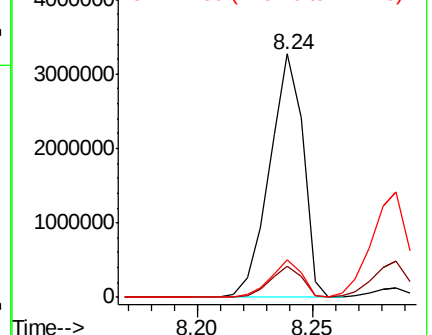
128 100

129 12.9 9.5 14.3

127 15.6 11.3 16.9



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: 86.923 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.04 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

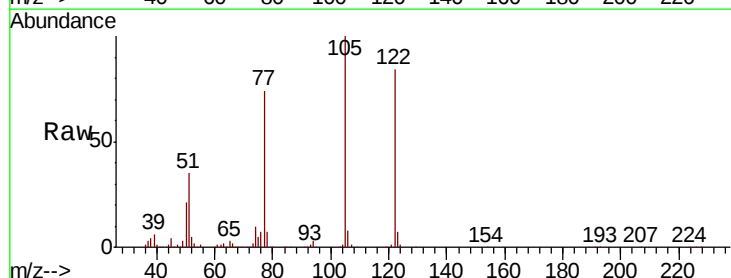
Tgt Ion:122 Resp: 943370

Ion Ratio Lower Upper

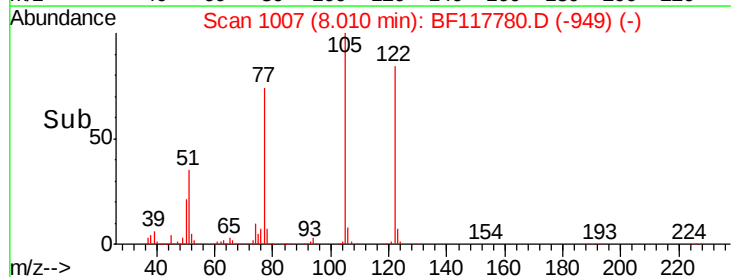
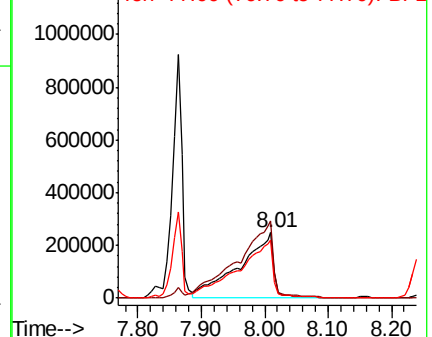
122 100

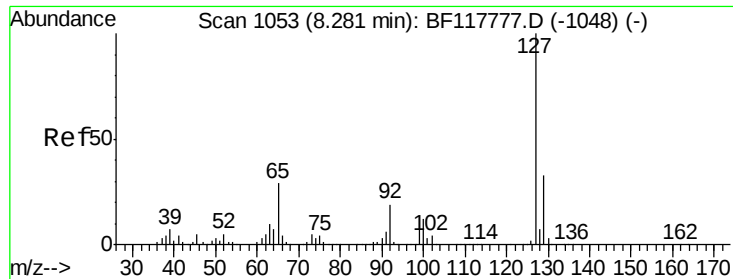
105 118.5 102.7 142.7

77 88.0 70.5 110.5



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

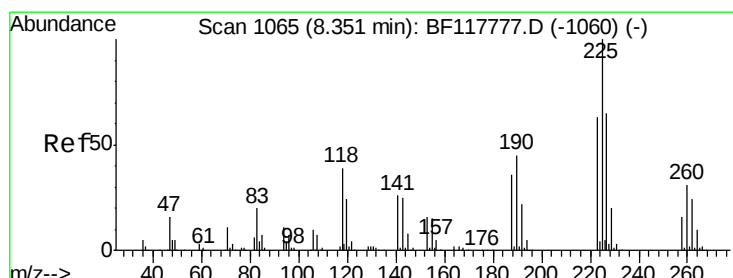
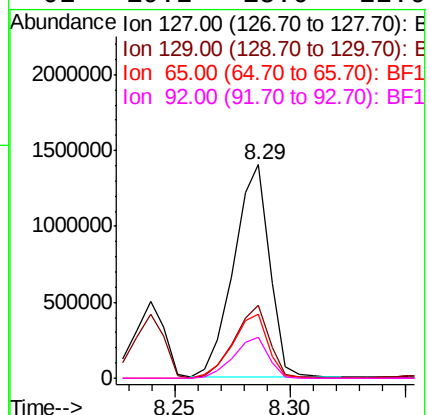
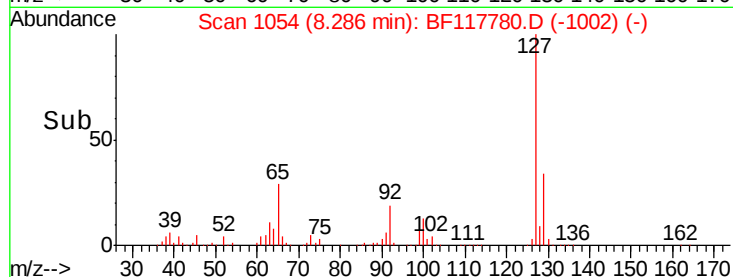
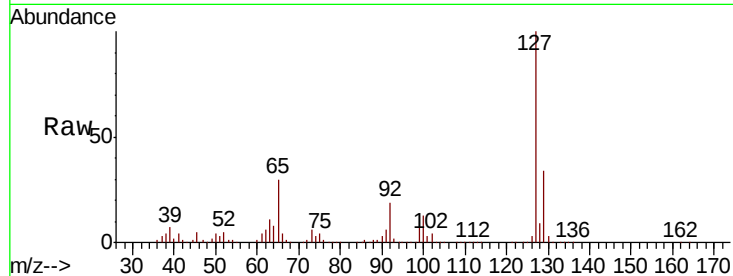




#33
4-Chloroaniline
Concen: 72.125 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

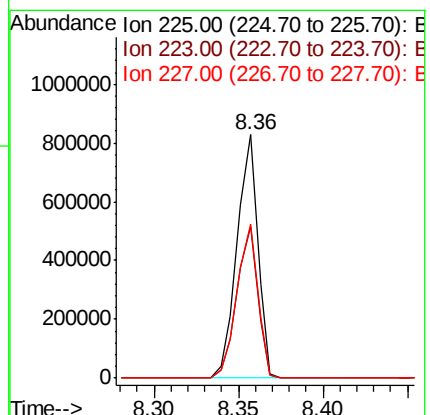
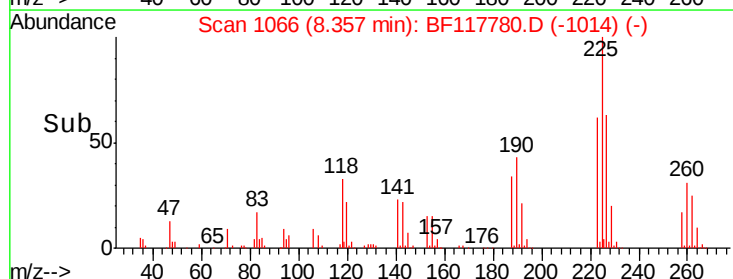
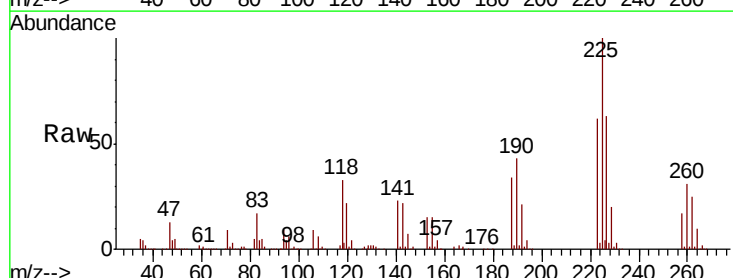
Instrument :
BNA_F
ClientSampleId :

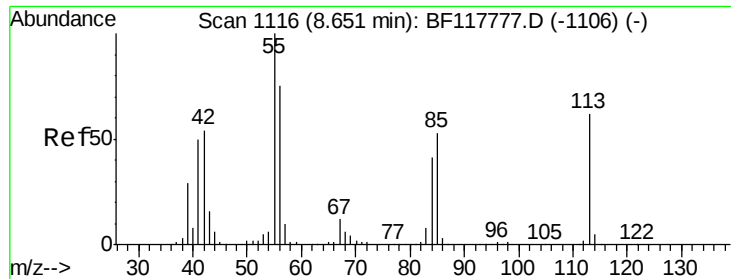
Tot Ion:127	Resp: 1516897
Ion Ratio	Lower Upper
127 100	
129 34.1	26.5 39.7
65 29.7	22.9 34.3
92 19.2	15.0 22.6



#34
Hexachlorobutadiene
Concen: 76.505 ng
RT: 8.36 min Scan# 1066
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Tgt Ion	225	Resp: Lower	708425 Upper
	Ratio		
225	100		
223	62.0	50.0	75.0
227	63.3	51.8	77.6

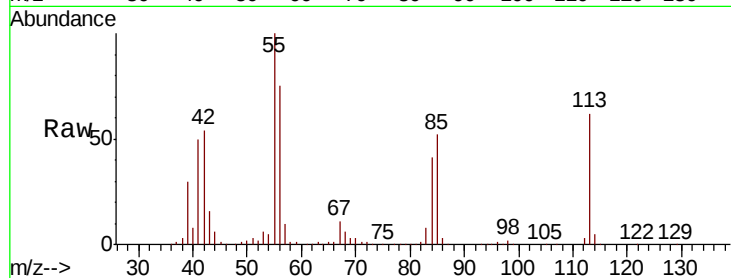




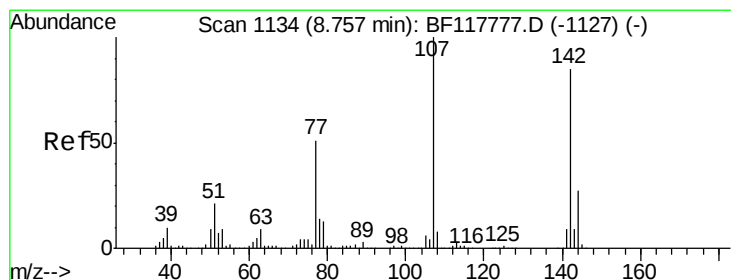
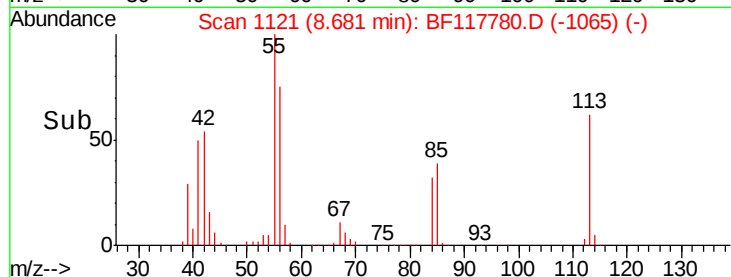
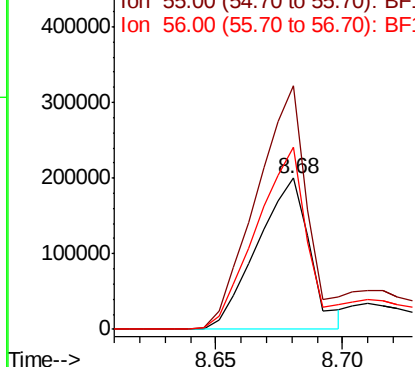
#35
Caprolactam
Concen: 61.826 ng
RT: 8.68 min Scan# 1121
Delta R.T. 0.03 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 289450
Ion Ratio Lower Upper
113 100
55 161.0 141.1 181.1
56 120.7 100.5 140.5

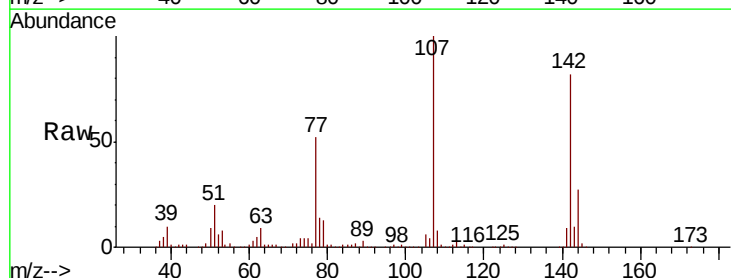


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

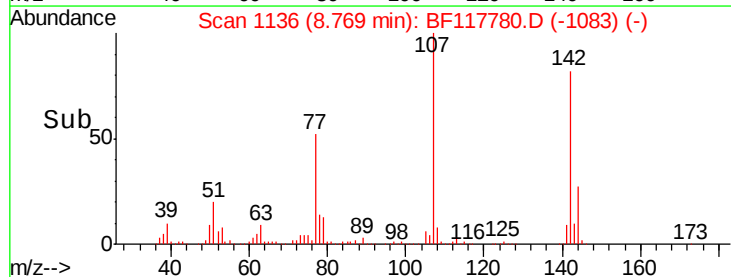
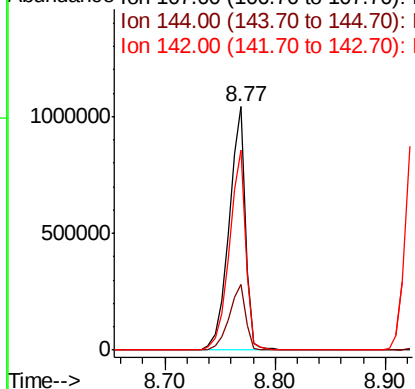


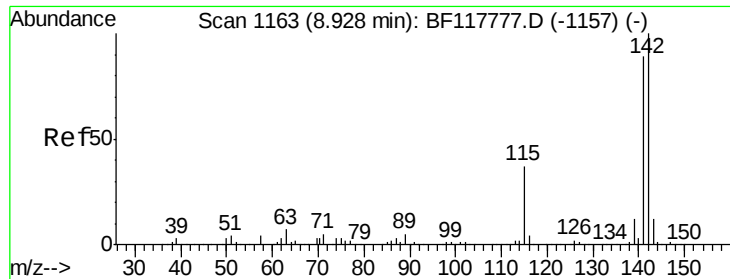
#36
4-Chloro-3-methylphenol
Concen: 76.469 ng
RT: 8.77 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Tgt Ion:107 Resp: 1089944
Ion Ratio Lower Upper
107 100
144 27.1 21.9 32.9
142 82.3 67.7 101.5



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

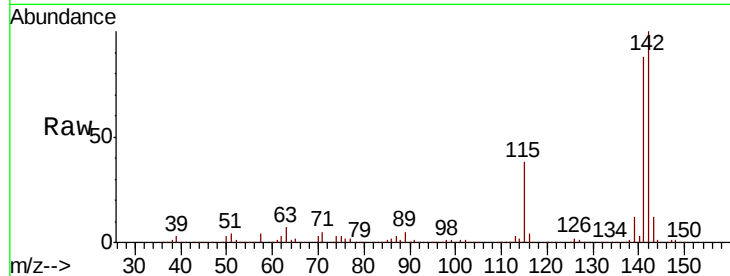




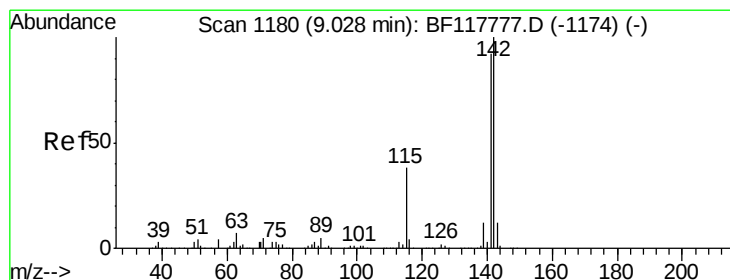
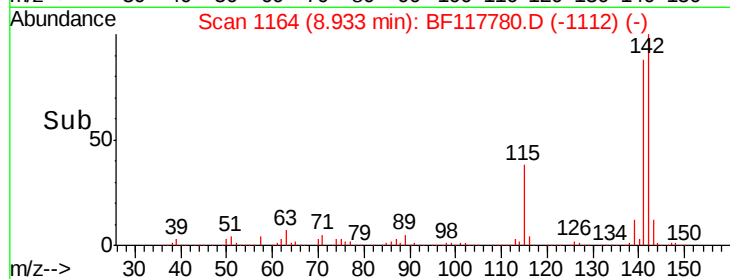
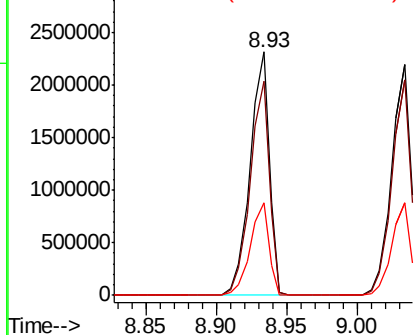
#37
2-Methylnaphthalene
Concen: 72.239 ng
RT: 8.93 min Scan# 1164
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 2225962
Ion Ratio Lower Upper
142 100
141 87.9 71.1 106.7
115 38.2 29.2 43.8

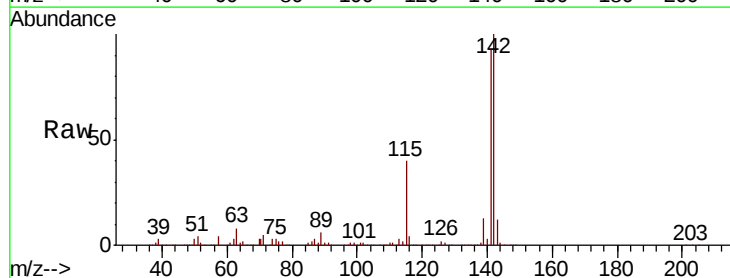


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

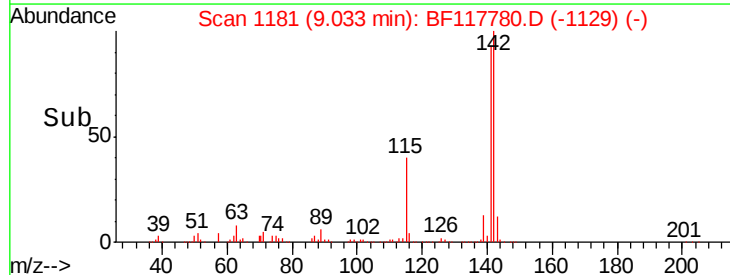
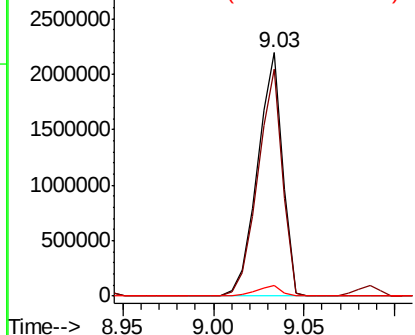


#38
1-Methylnaphthalene
Concen: 71.507 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Tgt Ion:142 Resp: 2092423
Ion Ratio Lower Upper
142 100
141 93.4 73.5 110.3
116 4.2 3.2 4.8



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

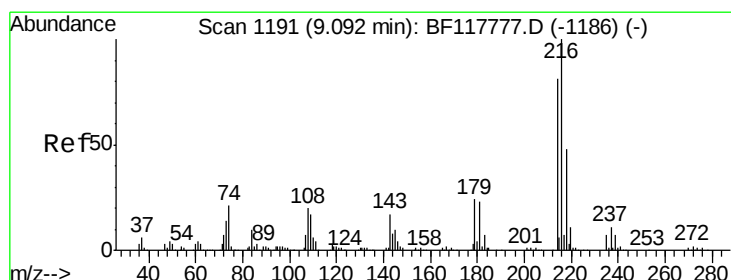
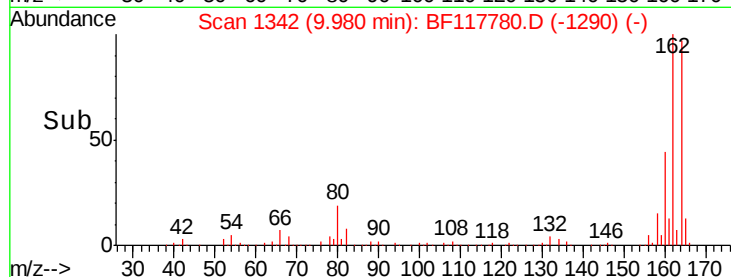
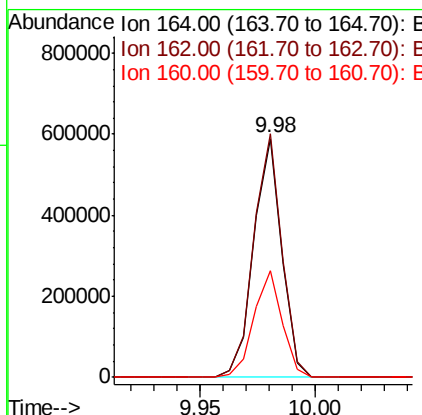
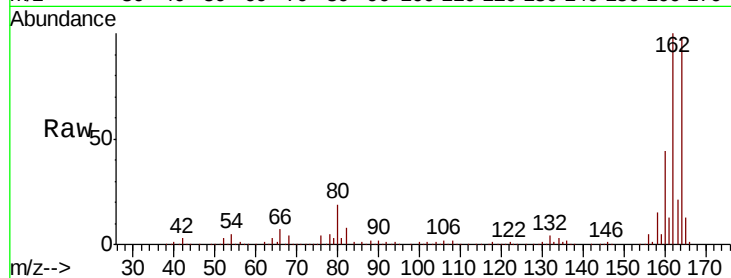




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

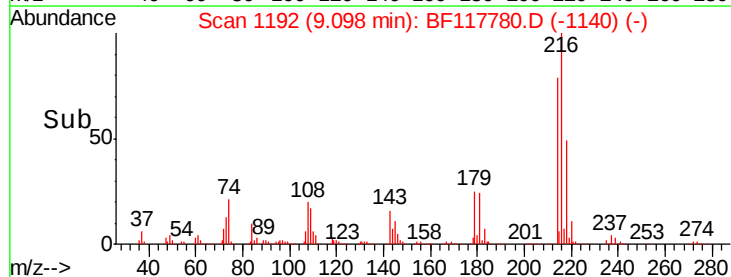
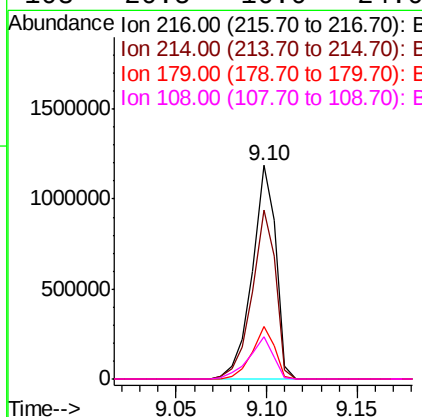
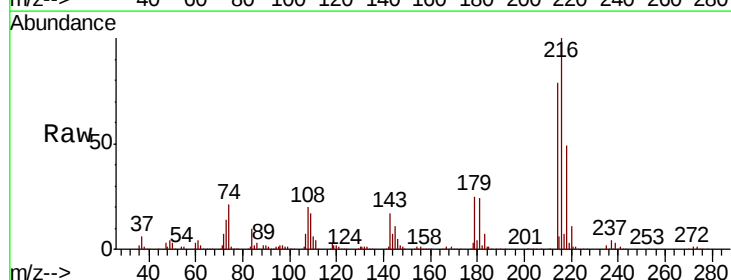
Instrument :
BNA_F
ClientSampleId :

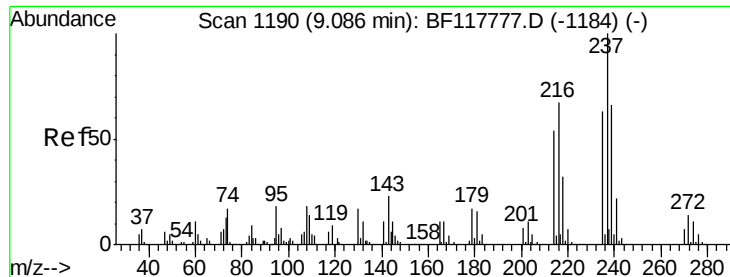
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.3	121.9
160	44.7	36.6	55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 78.109 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.4	95.0
179	23.6	18.2	27.4
108	20.5	16.0	24.0





#41

Hexachlorocyclopentadiene

Concen: 87.875 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

Instrument :

BNA_F

ClientSampled :

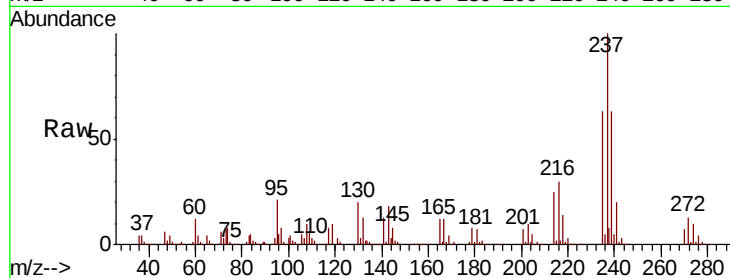
Tot Ion:237 Resp: 651624

Ion Ratio Lower Upper

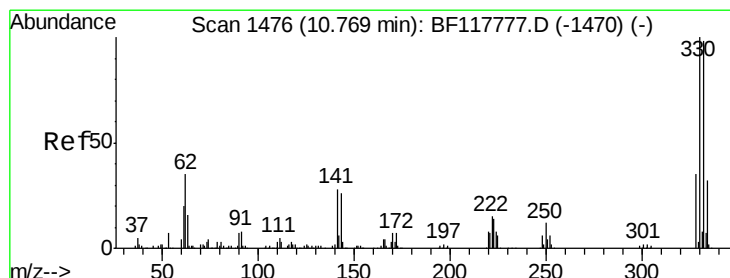
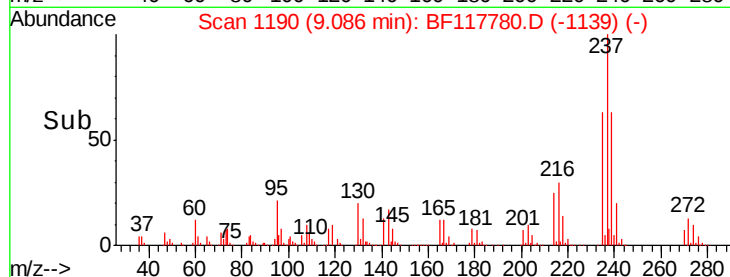
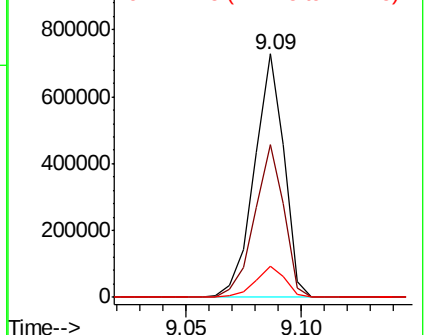
237 100

235 62.7 42.6 82.6

272 12.8 0.0 34.3



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: 162.716 ng

RT: 10.77 min Scan# 1477

Delta R.T. 0.01 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

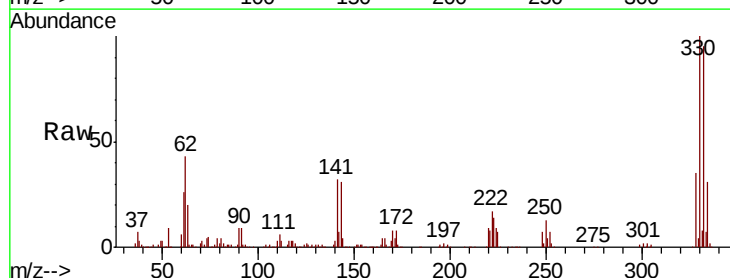
Tgt Ion:330 Resp: 799735

Ion Ratio Lower Upper

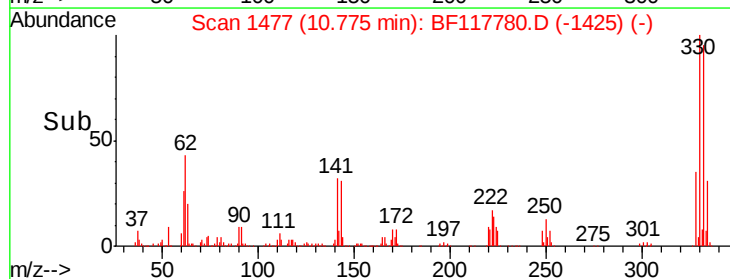
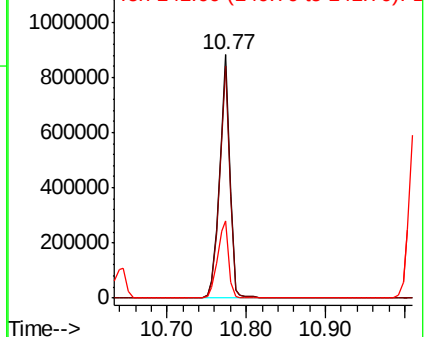
330 100

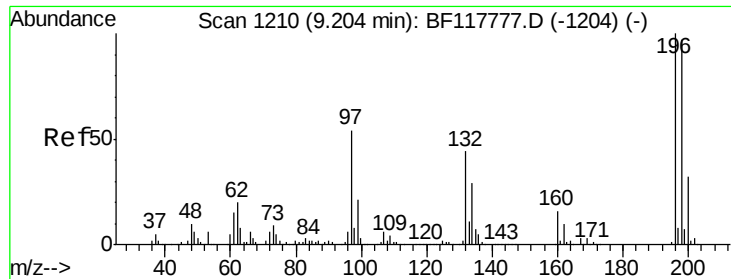
332 95.7 76.7 115.1

141 34.1 27.7 41.5



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

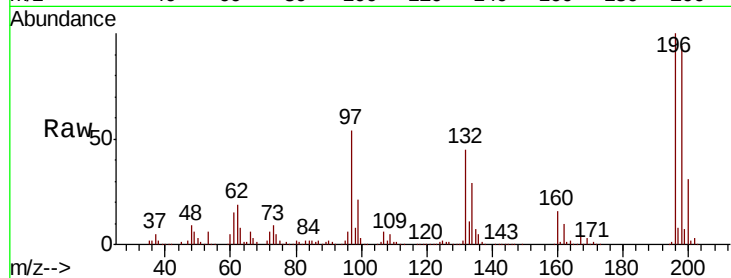




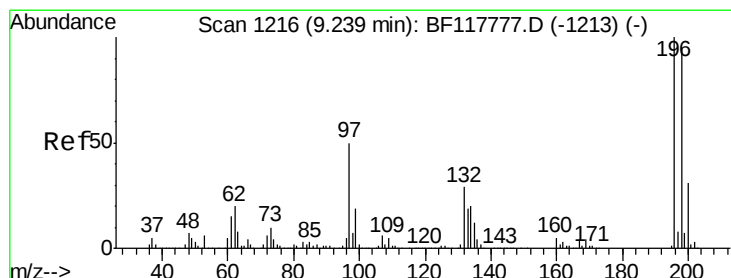
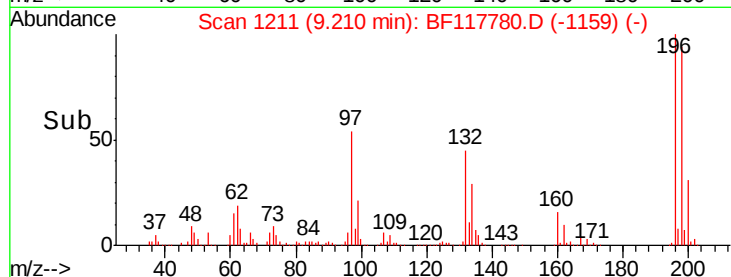
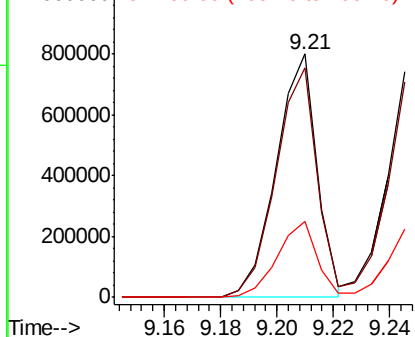
#43
 2,4,6-Trichlorophenol
 Concen: 80.094 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF117780.D
 Acq: 13 Nov 2019 17:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 801807
 Ion Ratio Lower Upper
 196 100
 198 94.1 77.8 116.6
 200 31.2 25.4 38.0

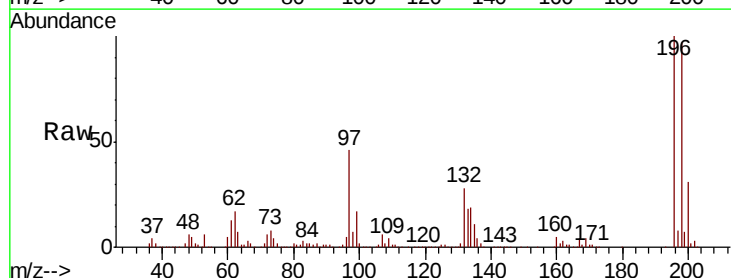


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

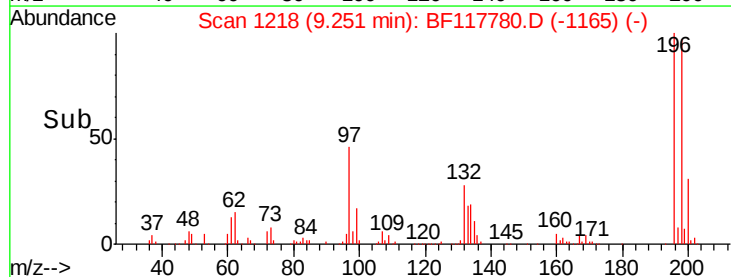
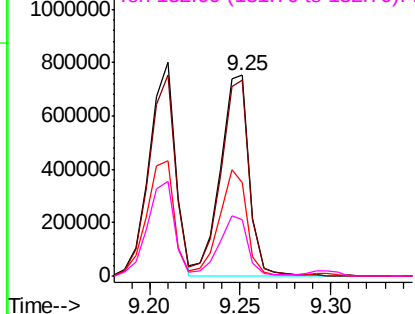


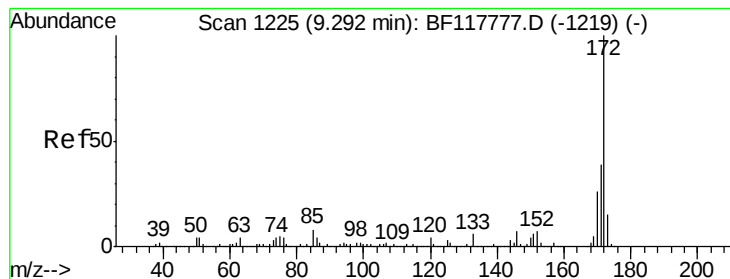
#44
 2,4,5-Trichlorophenol
 Concen: 82.233 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF117780.D
 Acq: 13 Nov 2019 17:18

Tgt Ion:196 Resp: 834438
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.3 114.5
 97 46.3 40.0 60.0
 132 28.1 23.6 35.4



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: 158.657 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.01 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

Instrument :

BNA_F

ClientSampleId :

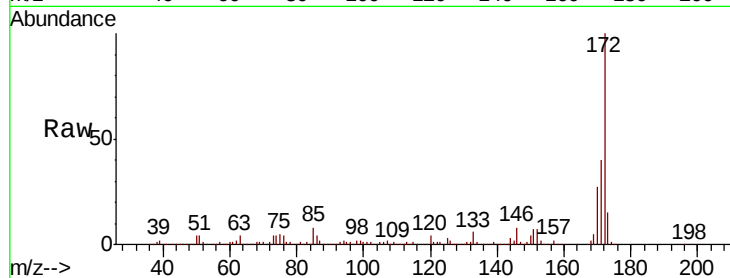
Tot Ion:172 Resp: 4040208

Ion Ratio Lower Upper

172 100

171 40.0 30.9 46.3

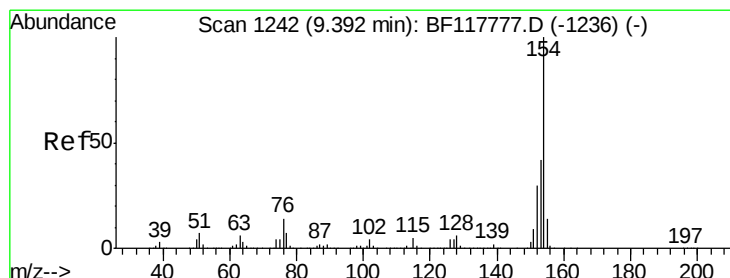
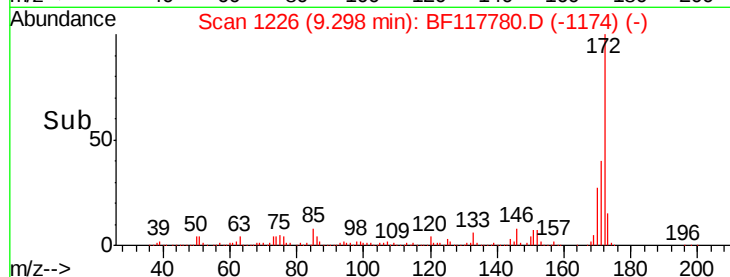
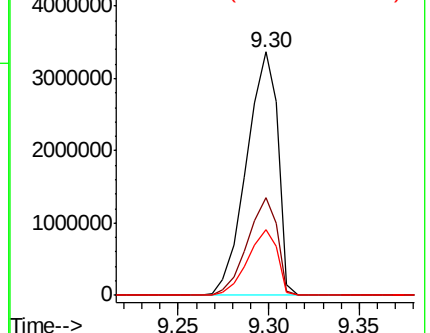
170 27.2 21.0 31.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 75.387 ng

RT: 9.40 min Scan# 1243

Delta R.T. 0.01 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

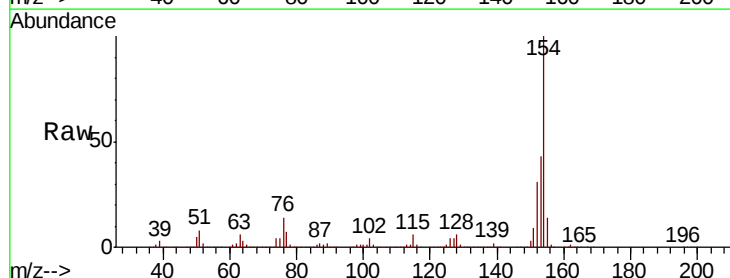
Tgt Ion:154 Resp: 2652727

Ion Ratio Lower Upper

154 100

153 43.4 21.9 61.9

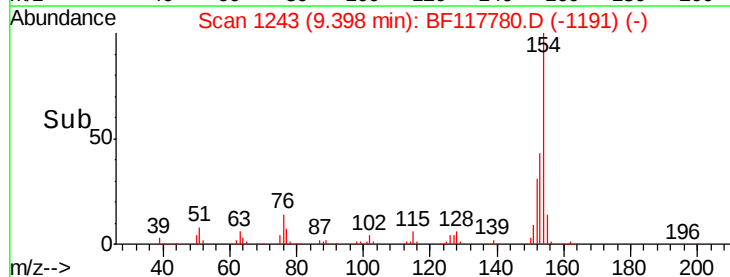
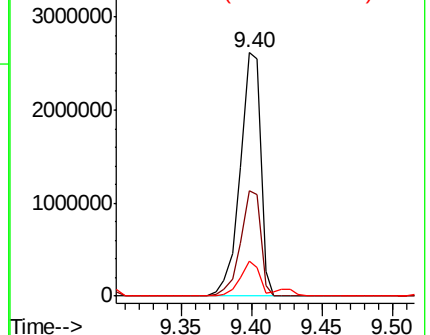
76 14.2 0.0 33.6

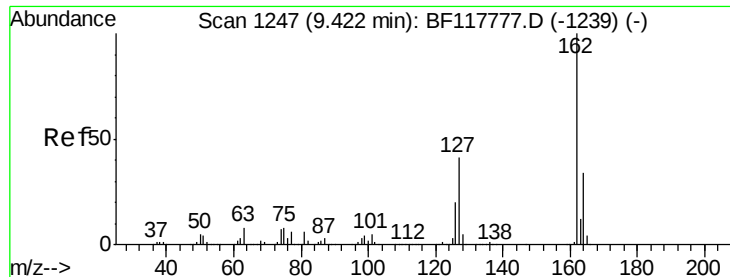


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

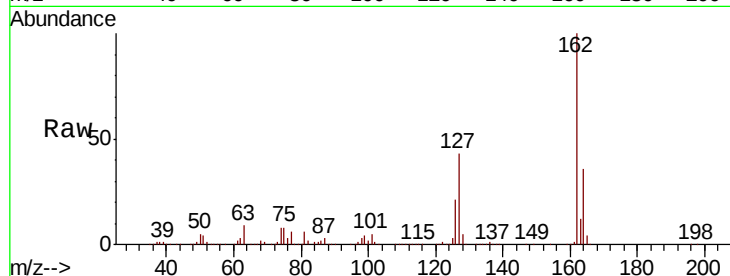




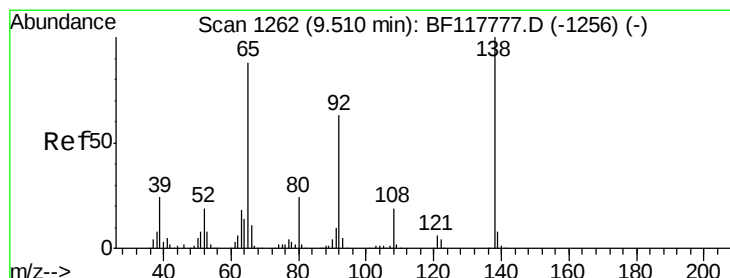
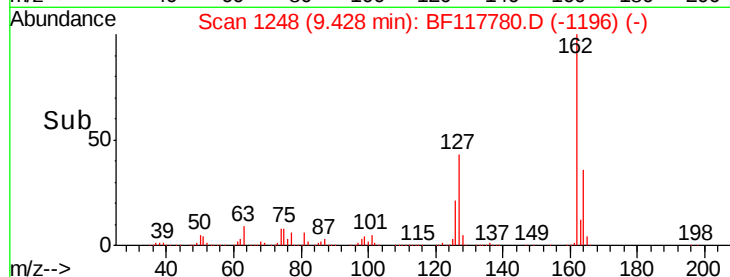
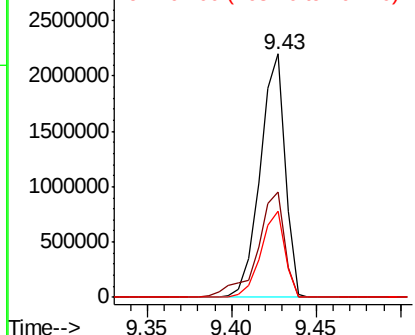
#47
 2-Chloronaphthalene
 Concen: 76.996 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.01 min
 Lab File: BF117780.D
 Acq: 13 Nov 2019 17:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 2248361
 Ion Ratio Lower Upper
 162 100
 127 43.5 33.2 49.8
 164 35.5 27.3 40.9

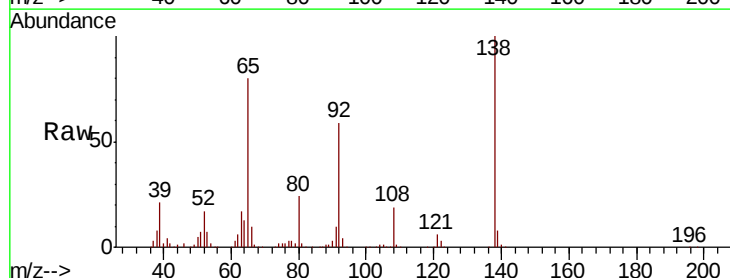


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

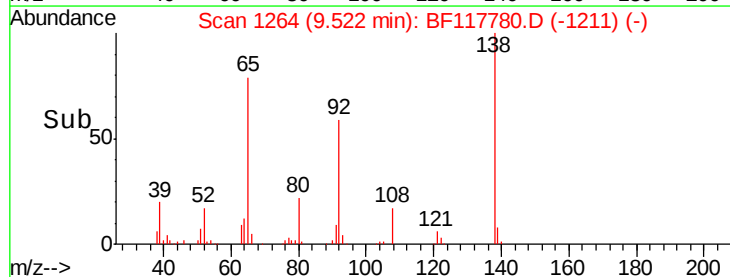
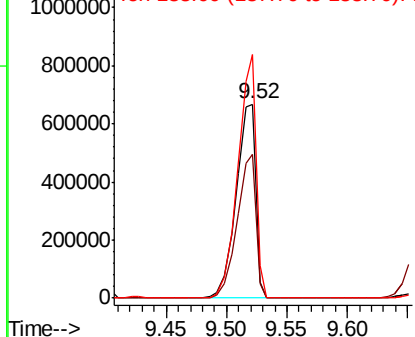


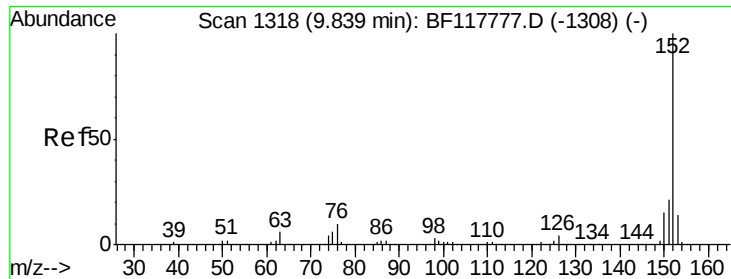
#48
 2-Nitroaniline
 Concen: 82.564 ng
 RT: 9.52 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BF117780.D
 Acq: 13 Nov 2019 17:18

Tgt Ion: 65 Resp: 755545
 Ion Ratio Lower Upper
 65 100
 92 73.9 56.6 84.8
 138 125.3 90.5 135.7



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: 75.004 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

Instrument :

BNA_F

ClientSampleId :

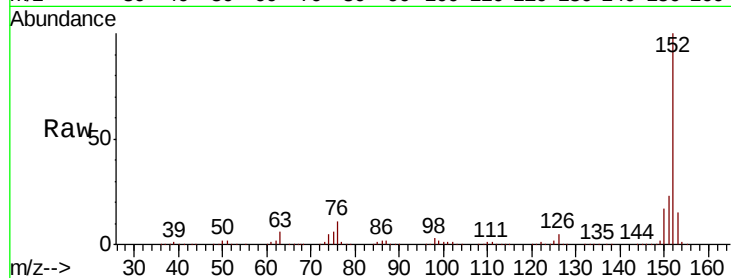
Tot Ion:152 Resp: 3189653

Ion Ratio Lower Upper

152 100

151 23.1 17.0 25.6

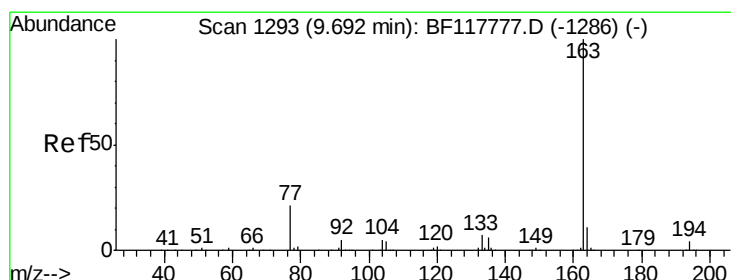
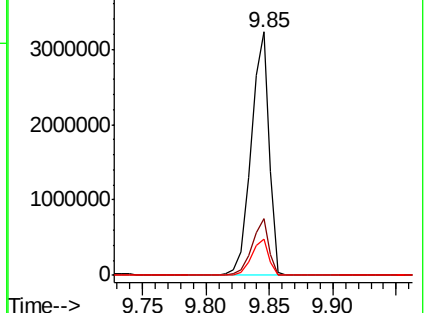
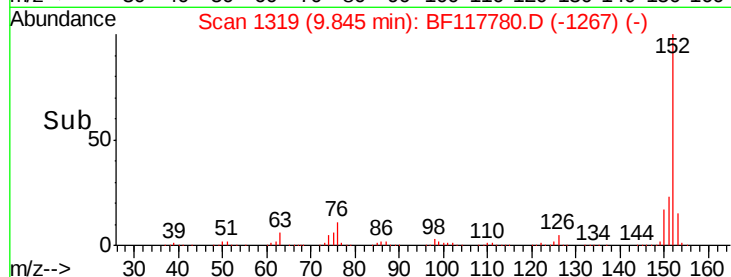
153 14.9 11.0 16.6



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: 77.604 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

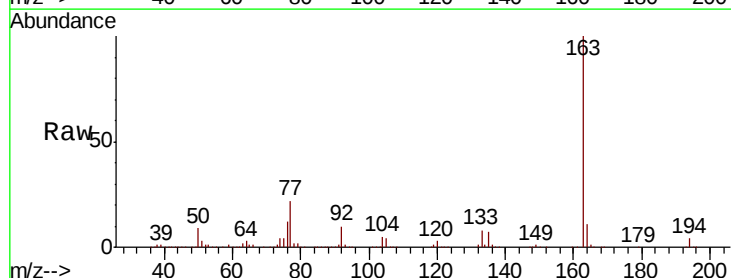
Tgt Ion:163 Resp: 2635899

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

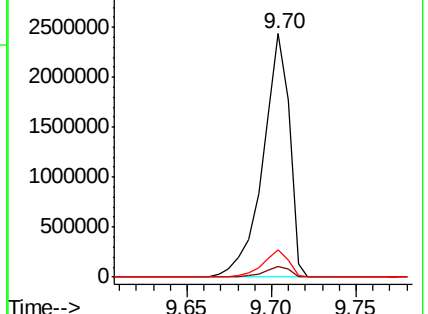
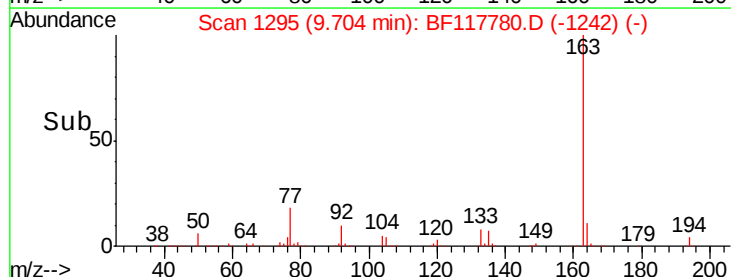
164 11.0 8.7 13.1

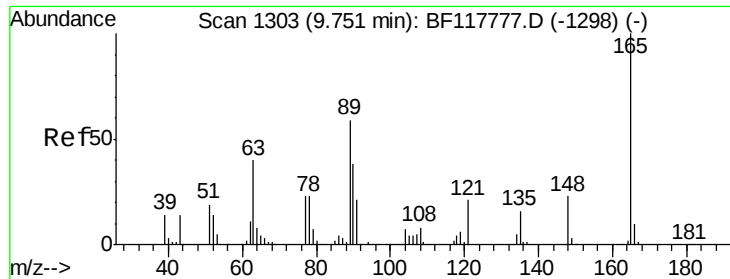


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 80.253 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

Instrument :

BNA_F

ClientSampled :

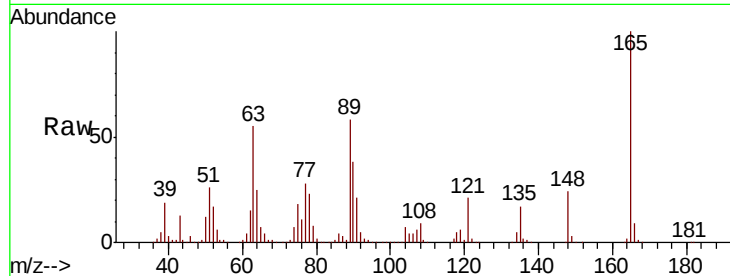
Tot Ion:165 Resp: 610382

Ion Ratio Lower Upper

165 100

63 55.1 46.0 69.0

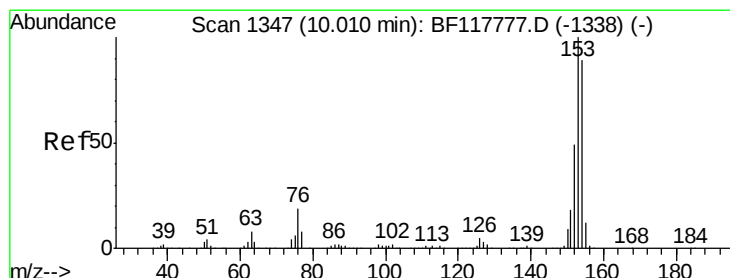
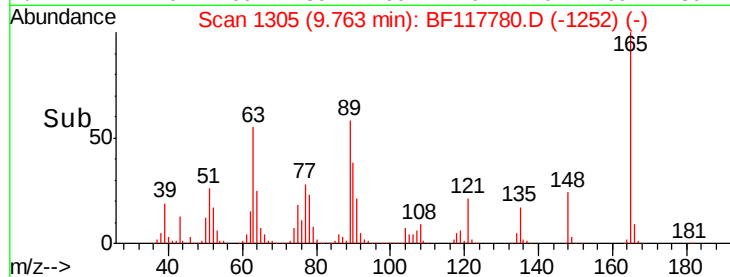
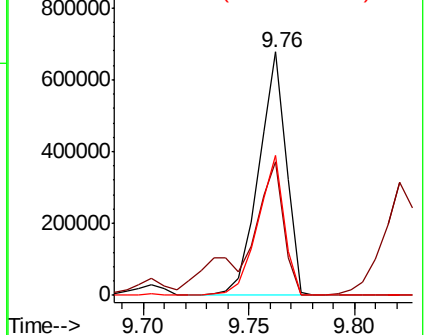
89 57.7 47.7 71.5



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: 77.303 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.01 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

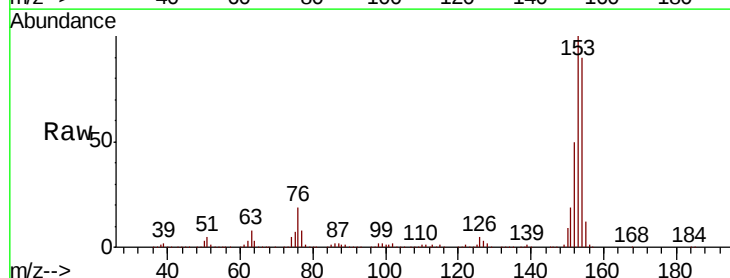
Tgt Ion:154 Resp: 2121302

Ion Ratio Lower Upper

154 100

153 110.8 90.1 135.1

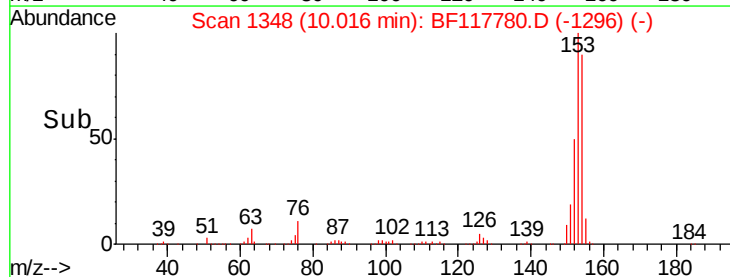
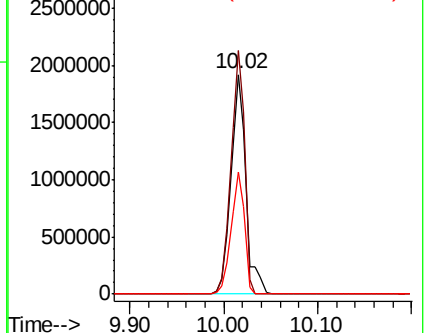
152 55.8 44.0 66.0

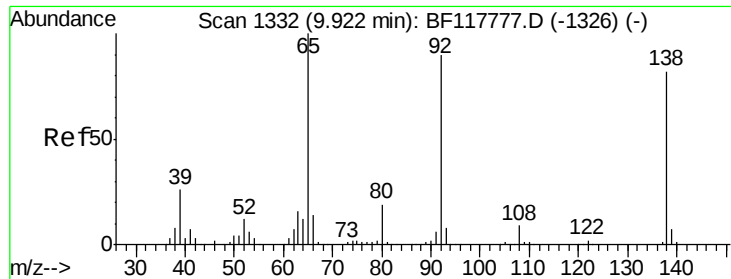


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

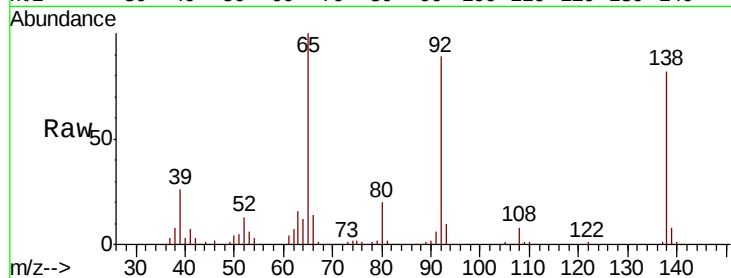




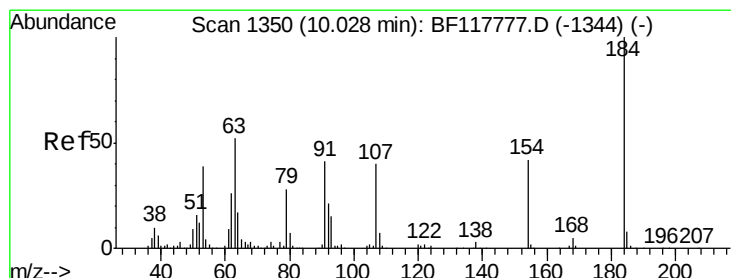
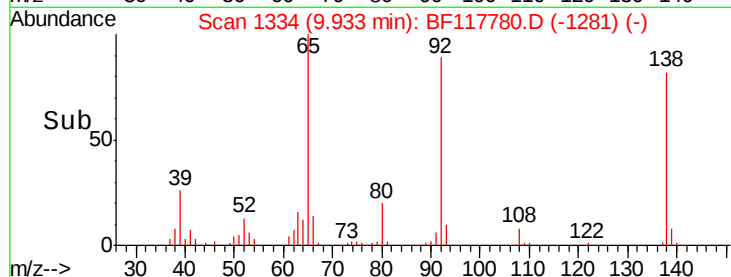
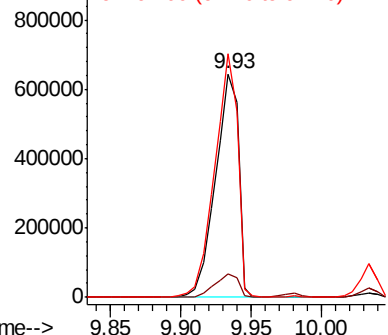
#53
 3-Nitroaniline
 Concen: 80.335 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: BF117780.D
 Acq: 13 Nov 2019 17:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 737153
 Ion Ratio Lower Upper
 138 100
 108 10.3 8.6 12.8
 92 108.9 87.9 131.9

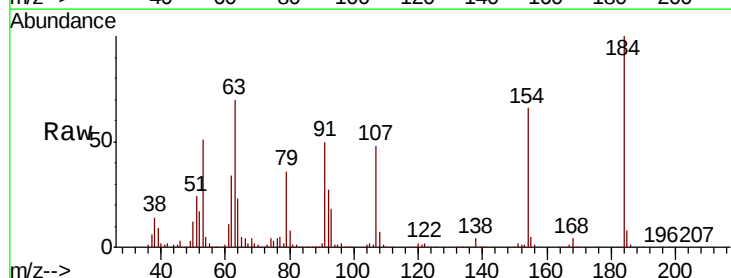


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

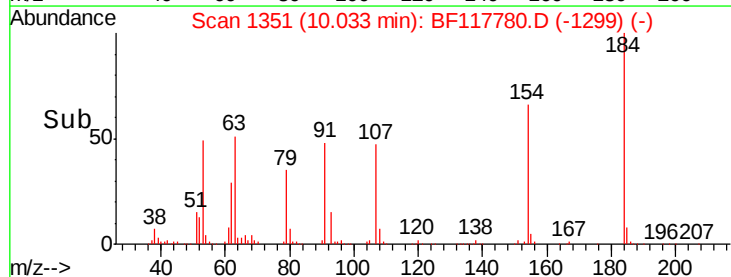
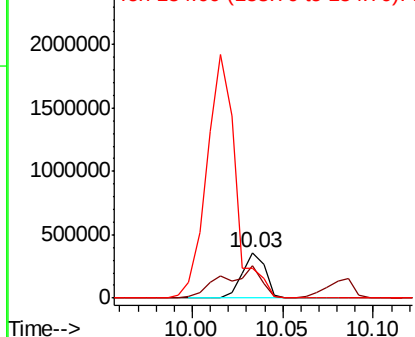


#54
 2,4-Dinitrophenol
 Concen: 122.454 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.01 min
 Lab File: BF117780.D
 Acq: 13 Nov 2019 17:18

Tgt Ion:184 Resp: 319297
 Ion Ratio Lower Upper
 184 100
 63 70.1 43.0 64.6#
 154 66.1 48.0 72.0



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

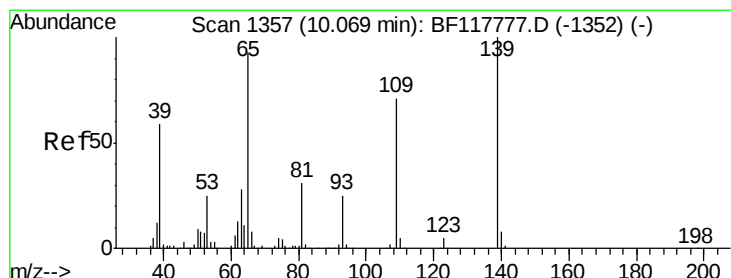
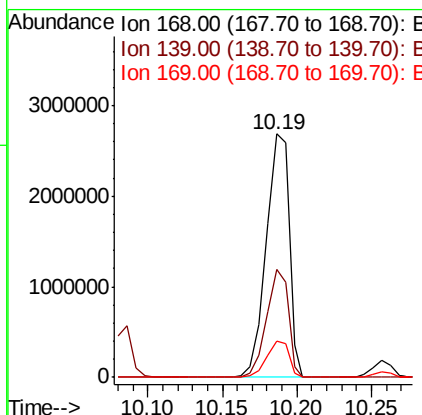
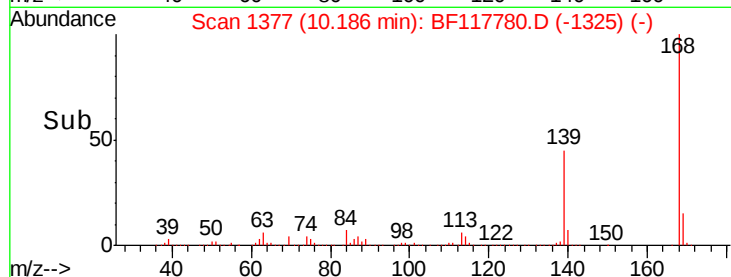
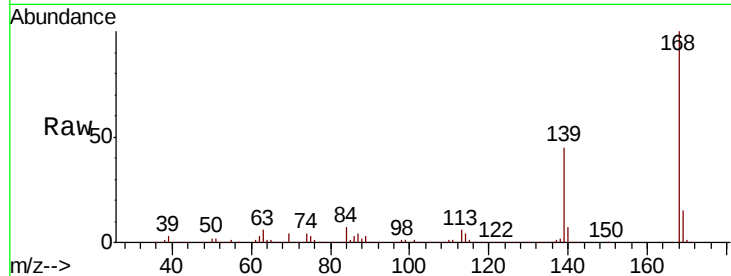




#55
Dibenzenofuran
Concen: 74.130 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

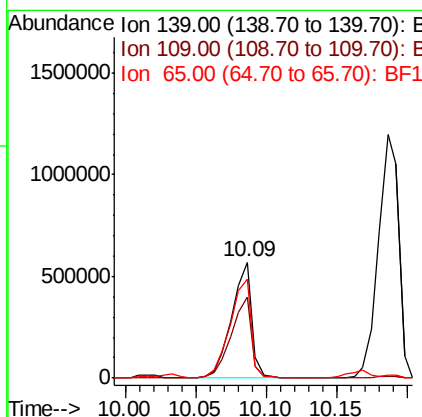
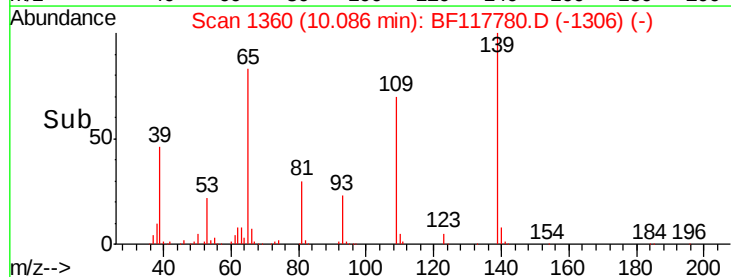
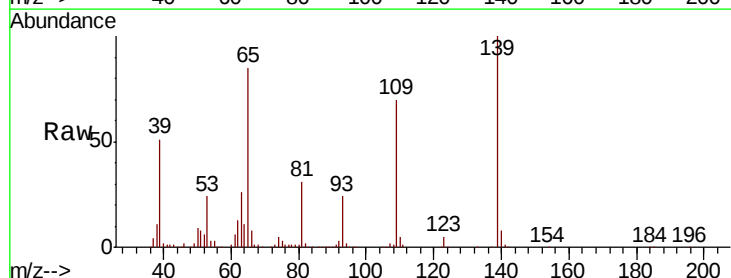
Instrument :
BNA_F
ClientSampleId :

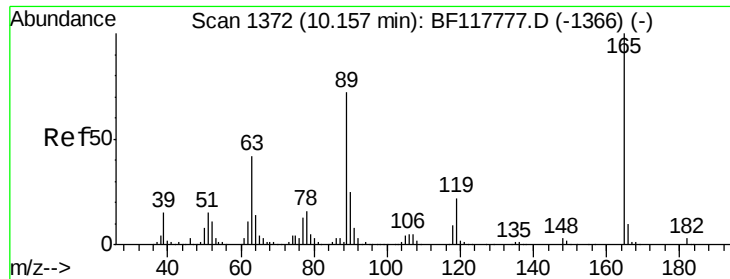
Tot Ion:168 Resp: 2846488
Ion Ratio Lower Upper
168 100
139 44.6 33.0 49.6
169 15.1 11.5 17.3



#56
4-Nitrophenol
Concen: 81.706 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.02 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Tgt Ion:139 Resp: 563832
Ion Ratio Lower Upper
139 100
109 70.1 50.8 90.8
65 85.2 73.6 113.6

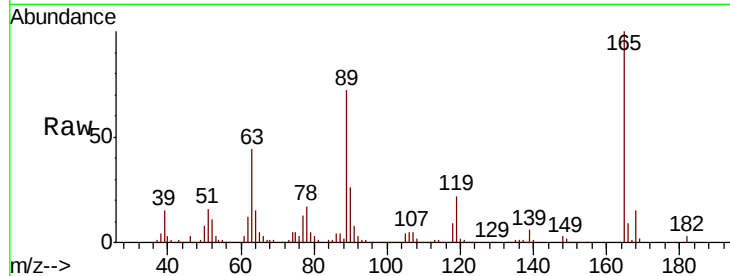




#57
2,4-Dinitrotoluene
Concen: 81.970 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.4	33.7	50.5
89	72.2	57.3	85.9
182	3.1	2.3	3.5



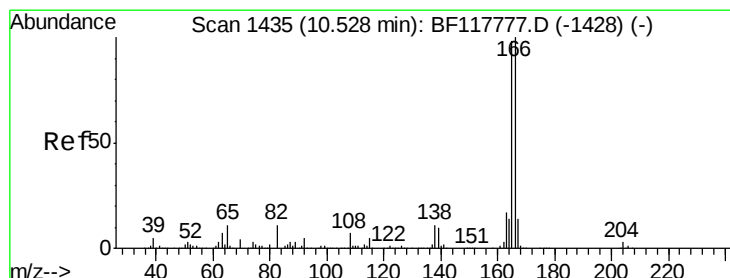
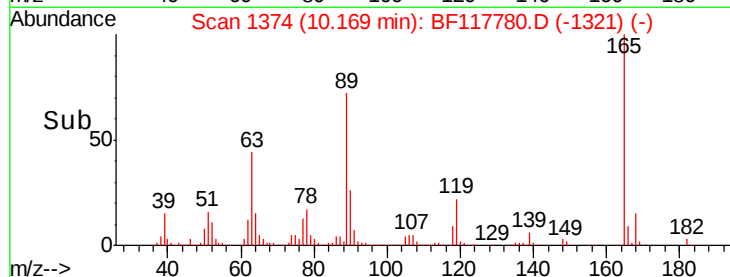
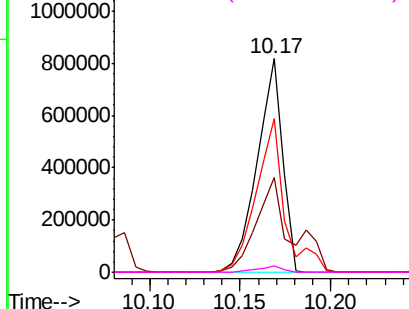
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

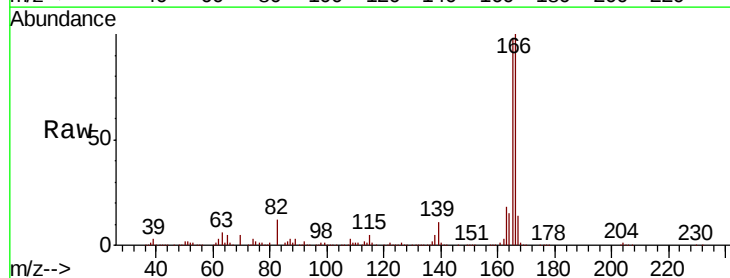
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 74.850 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.4	117.6
167	14.4	11.0	16.4

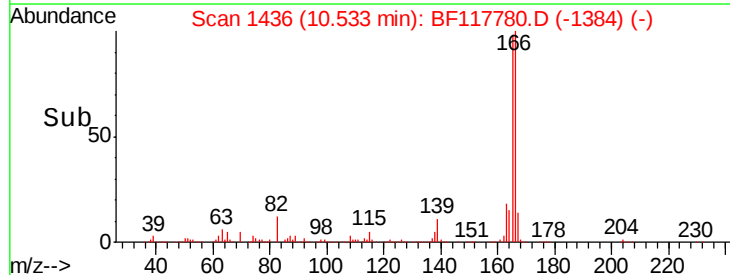
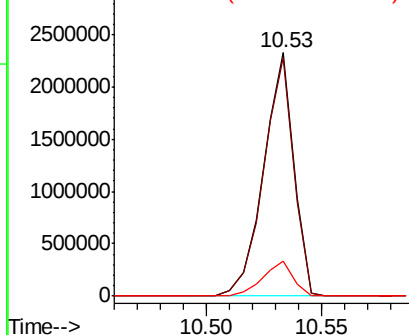


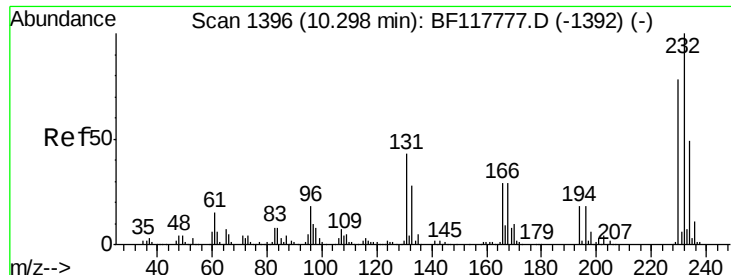
Abundance

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

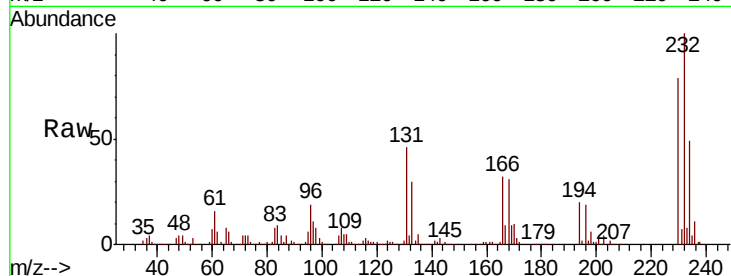




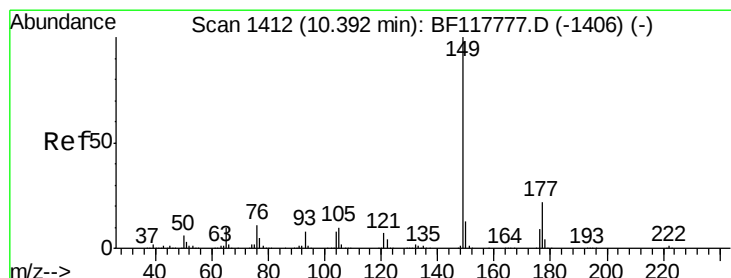
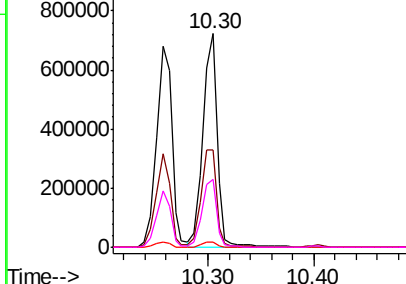
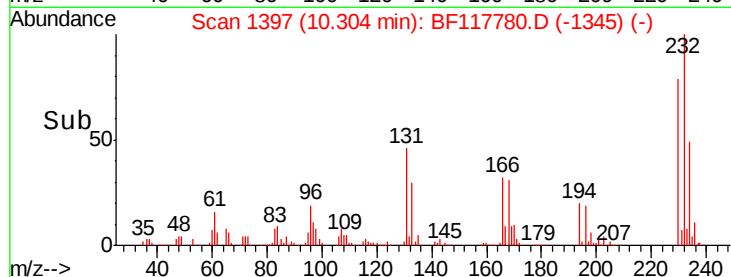
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 80.422 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.01 min
 Lab File: BF117780.D
 Acq: 13 Nov 2019 17:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 678374
 Ion Ratio Lower Upper
 232 100
 131 48.9 37.6 56.4
 130 2.3 1.9 2.9
 166 32.0 24.2 36.4

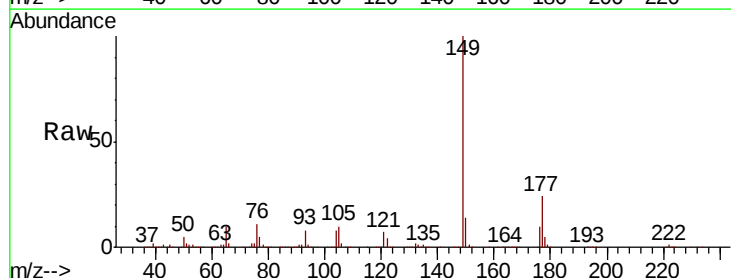


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

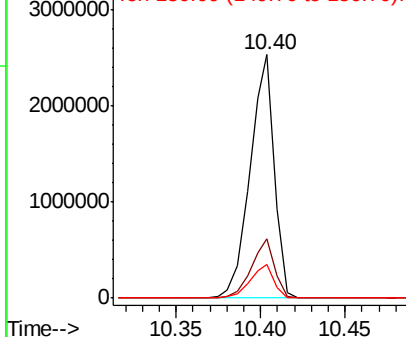
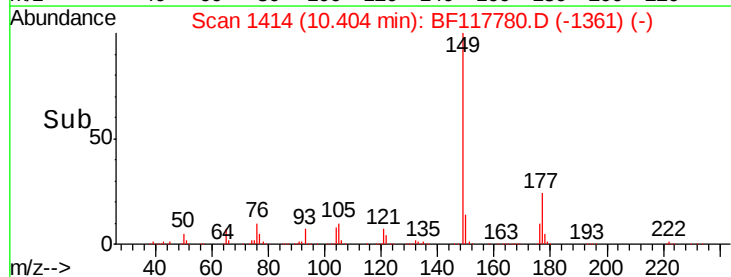


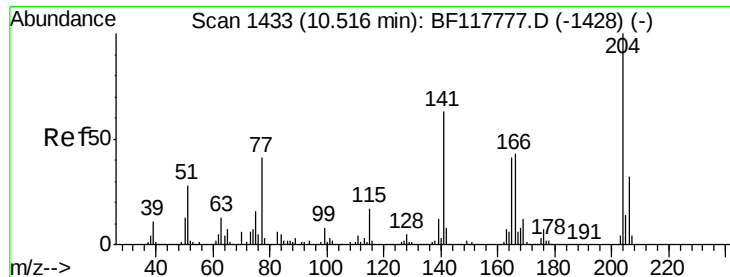
#60
 Diethylphthalate
 Concen: 75.781 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF117780.D
 Acq: 13 Nov 2019 17:18

Tgt Ion:149 Resp: 2531368
 Ion Ratio Lower Upper
 149 100
 177 24.3 18.0 27.0
 150 13.6 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

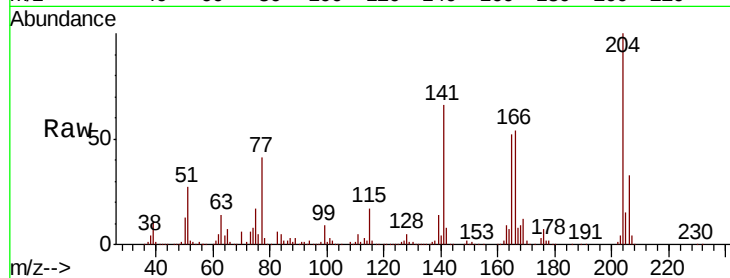




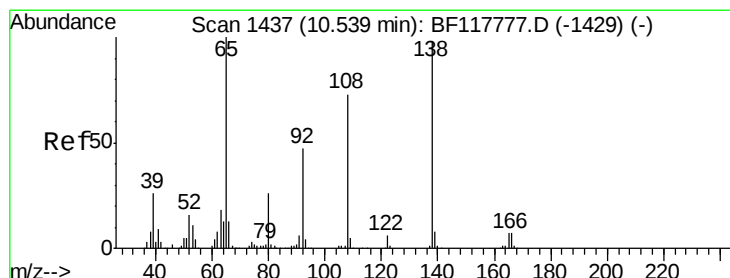
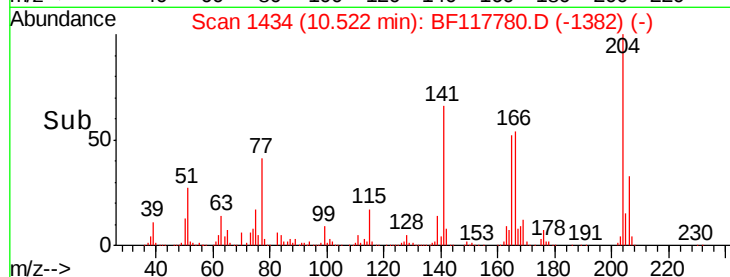
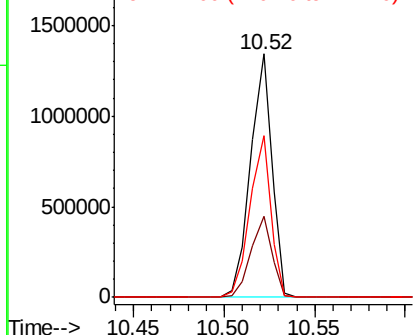
#61
4-Chlorophenyl-phenylether
Concen: 75.140 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 1106965
Ion Ratio Lower Upper
204 100
206 33.3 25.6 38.4
141 66.2 50.7 76.1

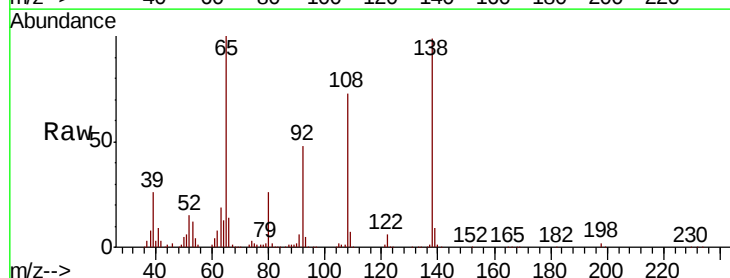


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

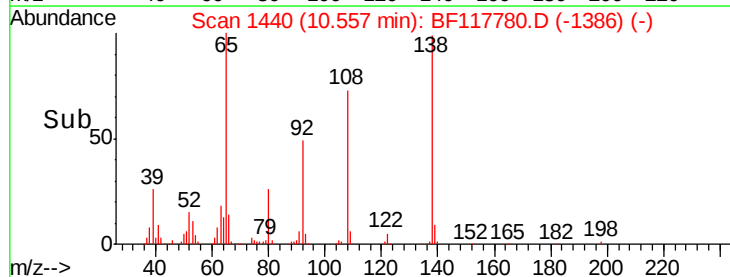
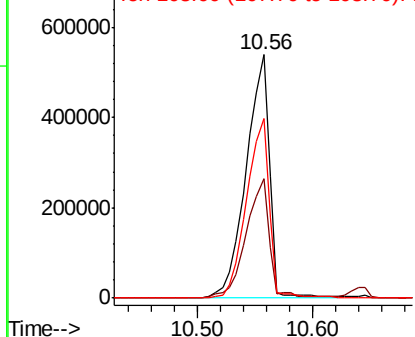


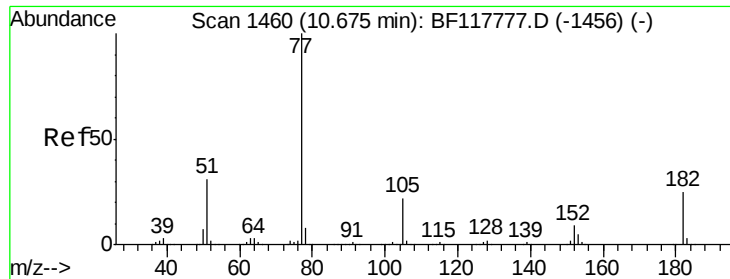
#62
4-Nitroaniline
Concen: 83.767 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.02 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Tgt Ion:138 Resp: 756535
Ion Ratio Lower Upper
138 100
92 48.9 28.3 68.3
108 73.7 54.3 94.3



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





#63

Azobenzene

Concen: 71.724 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2269213

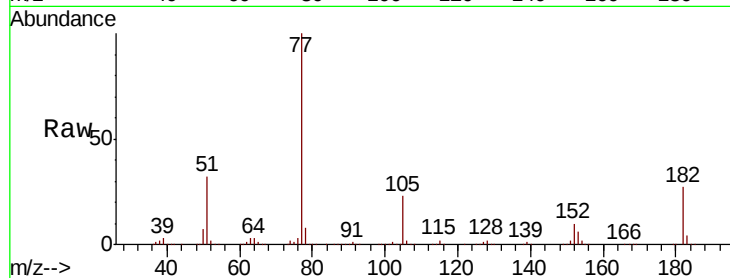
Ion Ratio Lower Upper

77 100

182 26.5 4.8 44.8

105 22.9 2.1 42.1

51 32.3 11.4 51.4

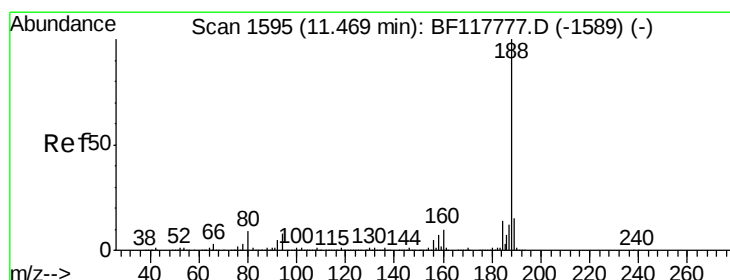
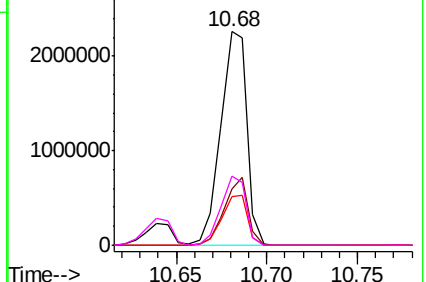
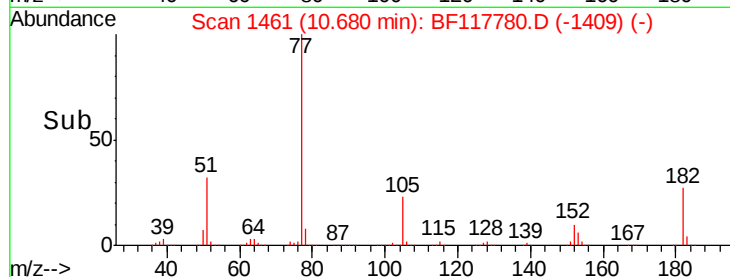


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

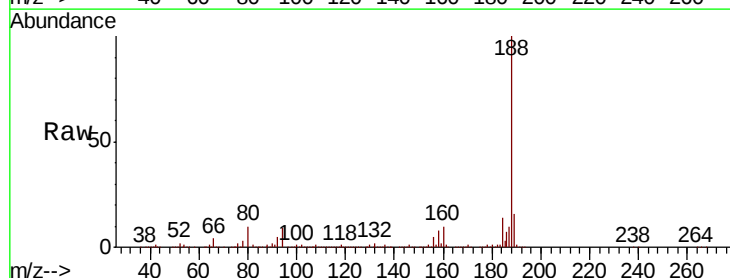
Tgt Ion: 188 Resp: 954392

Ion Ratio Lower Upper

188 100

94 9.4 6.6 10.0

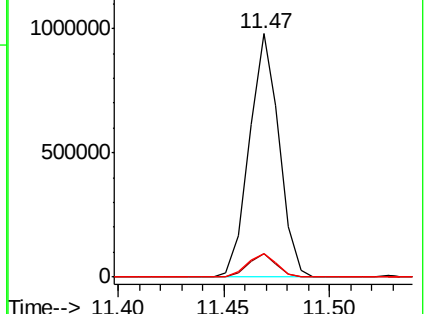
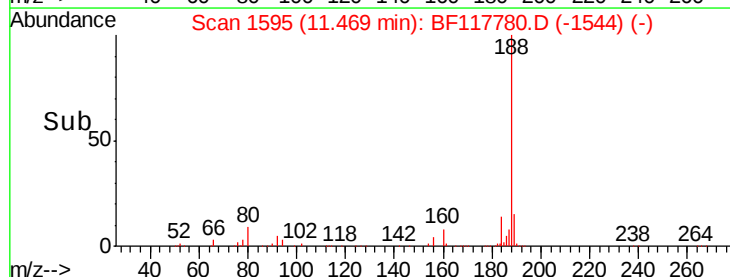
80 9.7 7.2 10.8

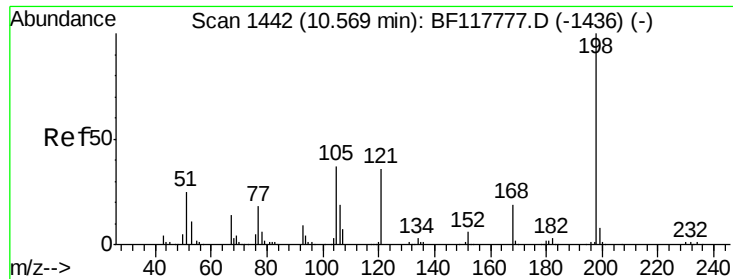


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

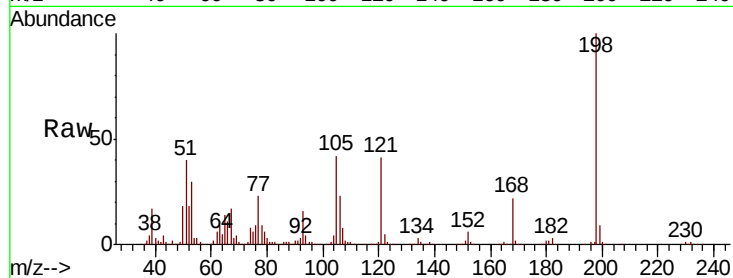




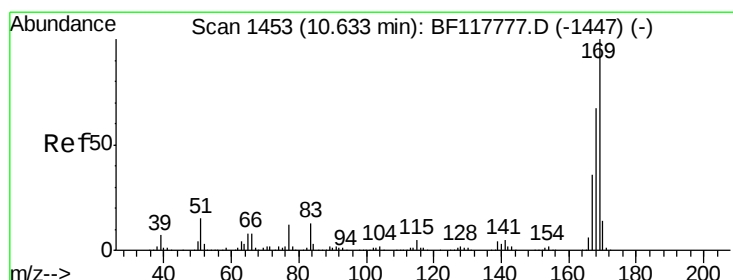
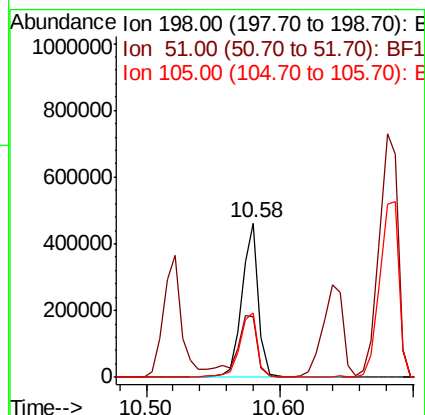
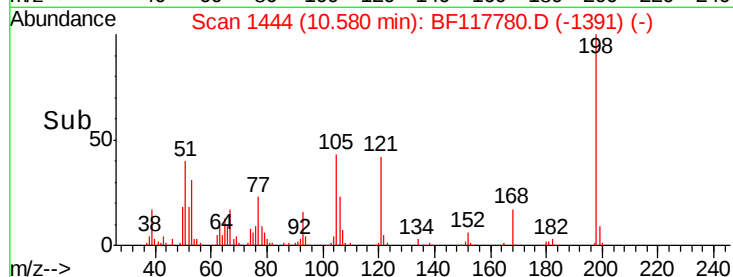
#65
 4,6-Dinitro-2-methylphenol
 Concen: 104.350 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. 0.01 min
 Lab File: BF117780.D
 Acq: 13 Nov 2019 17:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 397673
 Ion Ratio Lower Upper
 198 100
 51 39.6 16.0 56.0
 105 42.1 19.1 59.1

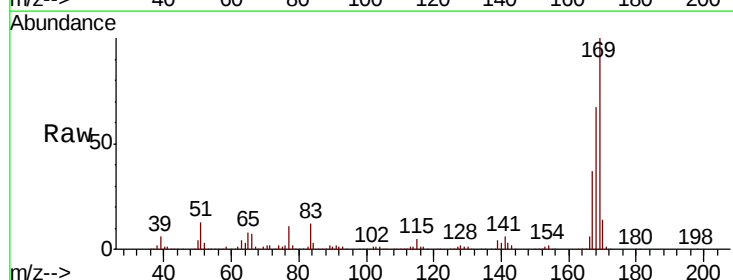


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

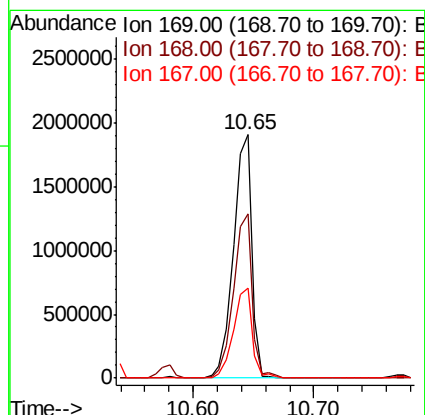
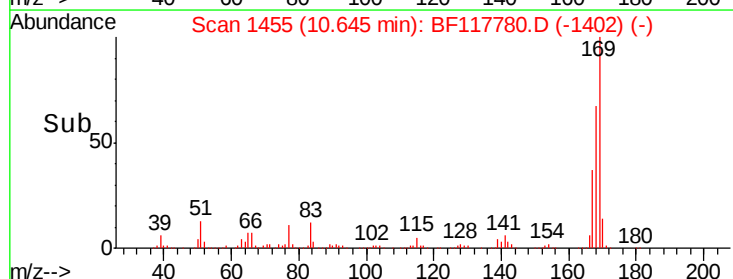


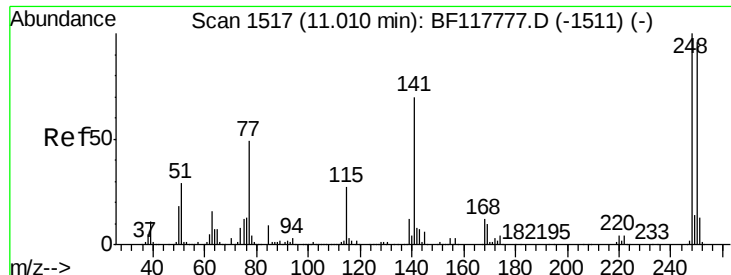
#66
 n-Nitrosodiphenylamine
 Concen: 71.638 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF117780.D
 Acq: 13 Nov 2019 17:18

Tgt Ion:169 Resp: 2019338
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.5 80.3
 167 37.1 29.0 43.4



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

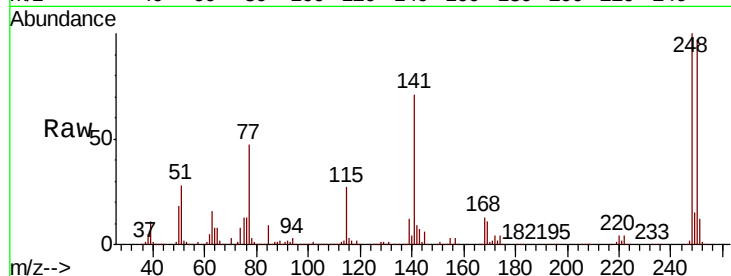




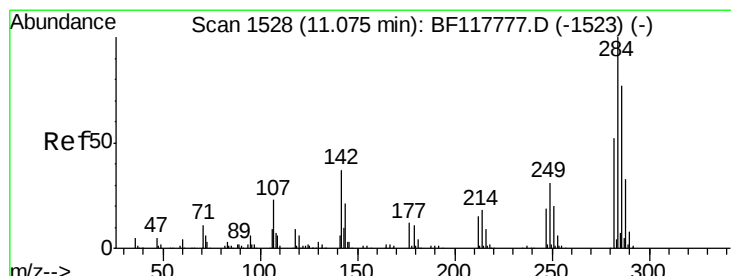
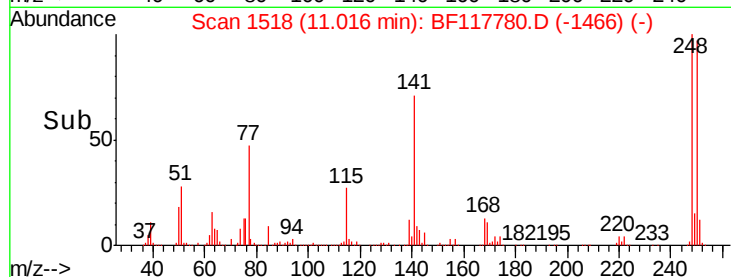
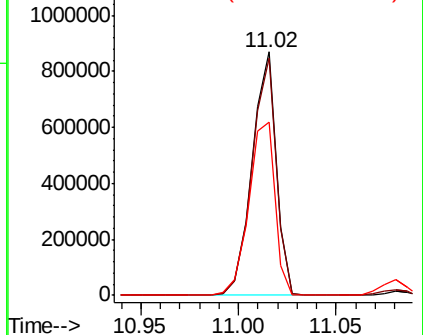
#67
4-Bromophenyl-phenylether
Concen: 71.866 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 749061
Ion Ratio Lower Upper
248 100
250 97.4 76.6 115.0
141 71.1 55.9 83.9

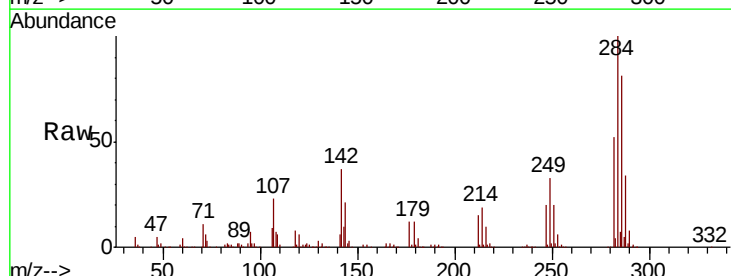


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

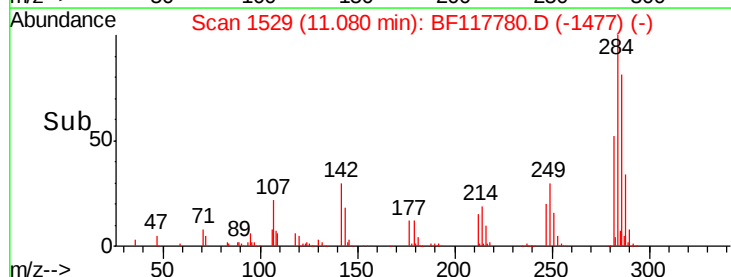
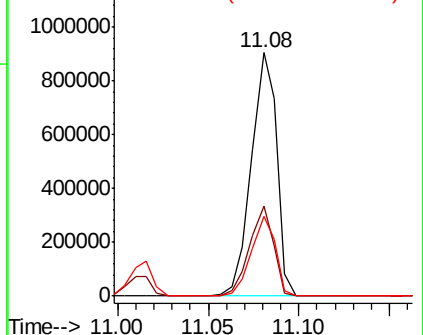


#68
Hexachlorobenzene
Concen: 73.011 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Tgt Ion:284 Resp: 879109
Ion Ratio Lower Upper
284 100
142 36.8 29.4 44.2
249 32.5 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

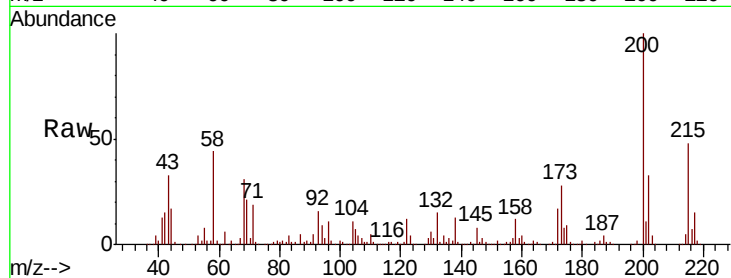




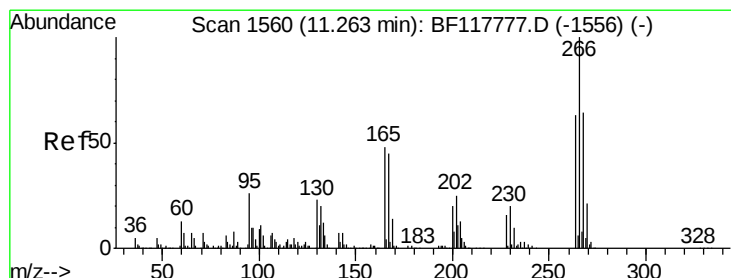
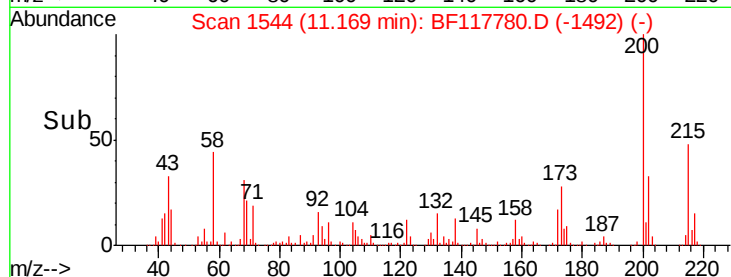
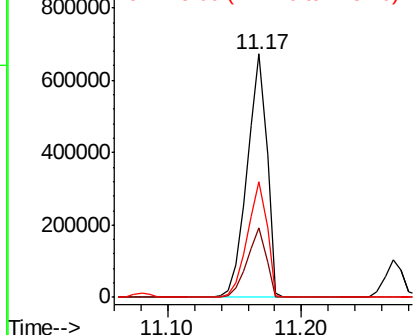
#69
Atrazine
Concen: 73.088 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 678898
Ion Ratio Lower Upper
200 100
173 28.4 6.7 46.7
215 47.5 27.5 67.5

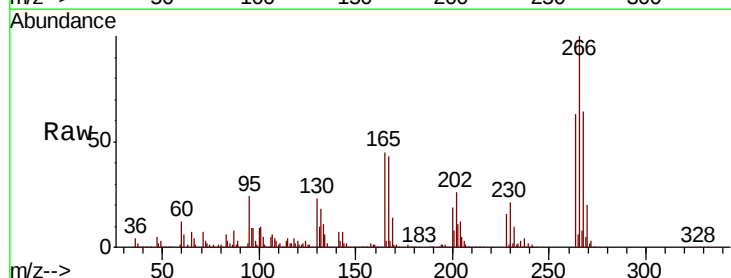


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

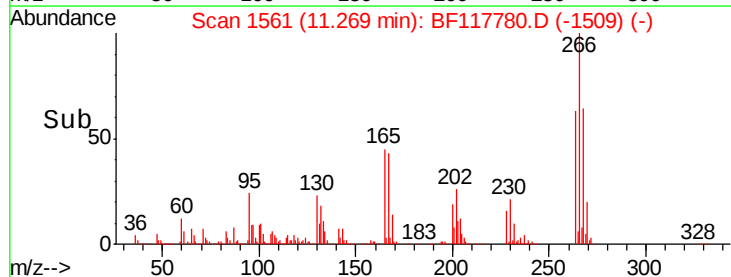
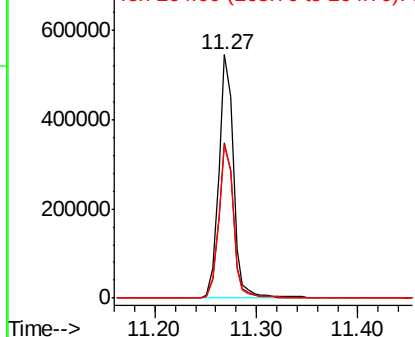


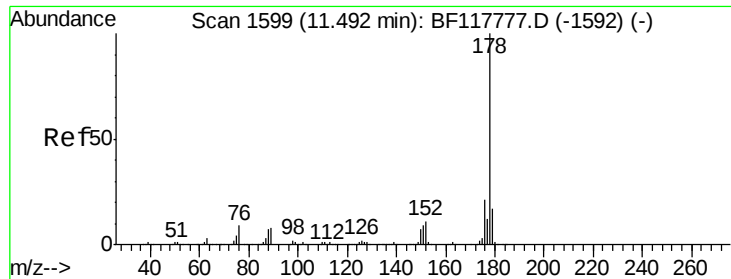
#70
Pentachlorophenol
Concen: 82.158 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Tgt Ion:266 Resp: 553013
Ion Ratio Lower Upper
266 100
268 63.9 50.8 76.2
264 62.9 50.7 76.1



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

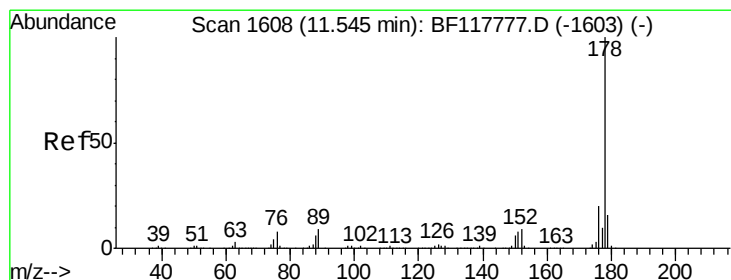
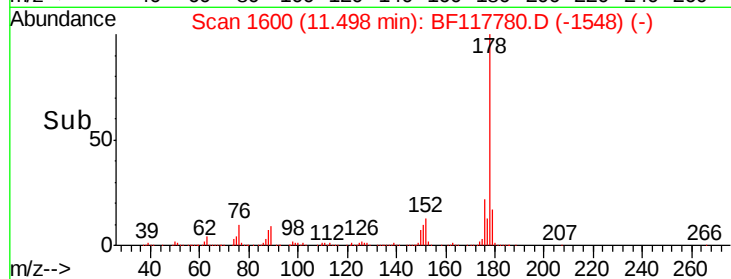
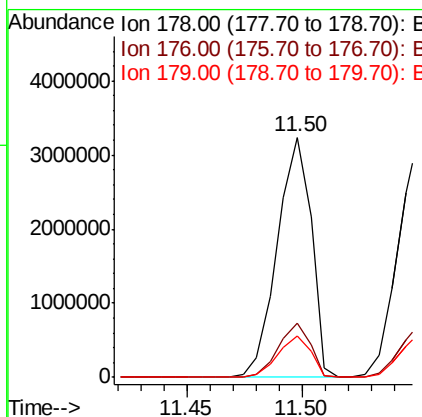
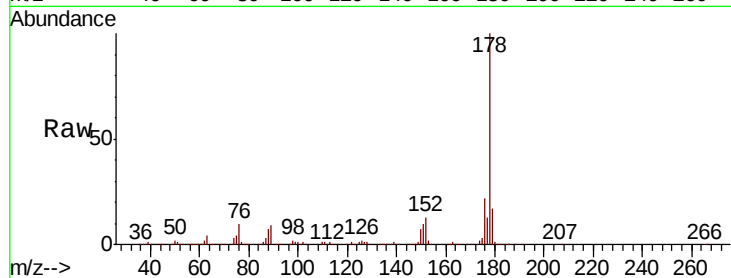




#71
Phenanthrene
Concen: 72.172 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

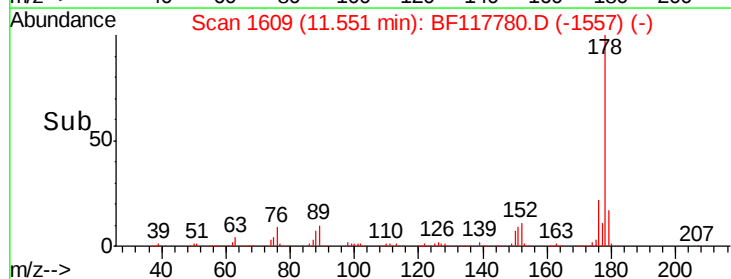
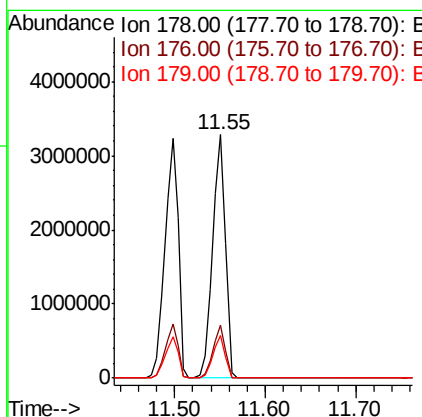
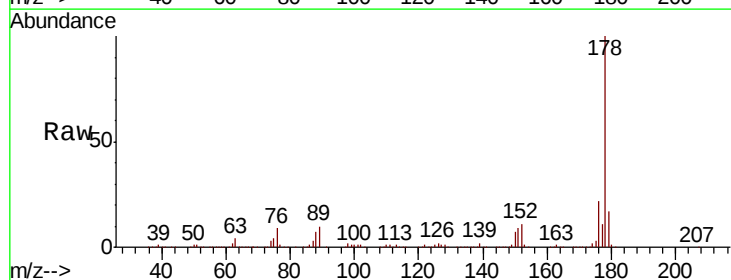
Instrument :
BNA_F
ClientSampleId :

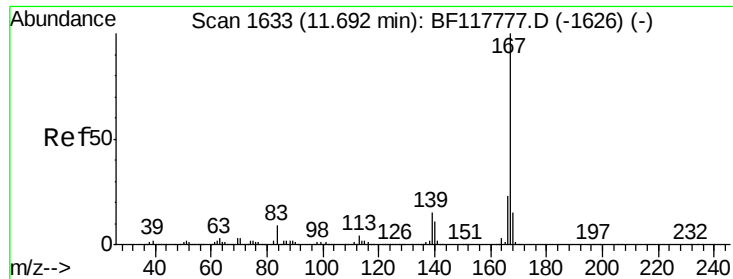
Tot Ion:178 Resp: 3301572
Ion Ratio Lower Upper
178 100
176 22.4 16.6 25.0
179 17.5 13.2 19.8



#72
Anthracene
Concen: 71.661 ng
RT: 11.55 min Scan# 1609
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Tgt Ion:178 Resp: 3261426
Ion Ratio Lower Upper
178 100
176 21.8 16.1 24.1
179 17.5 13.0 19.4

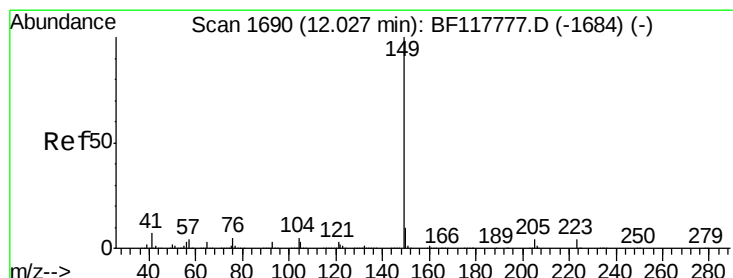
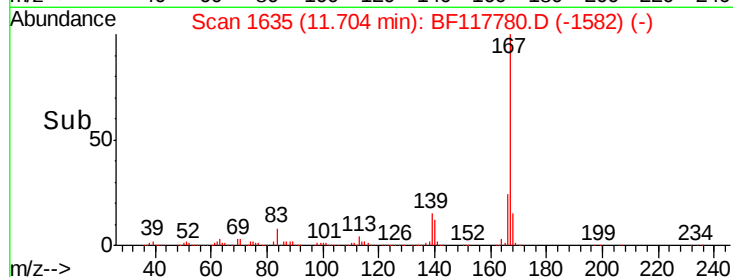
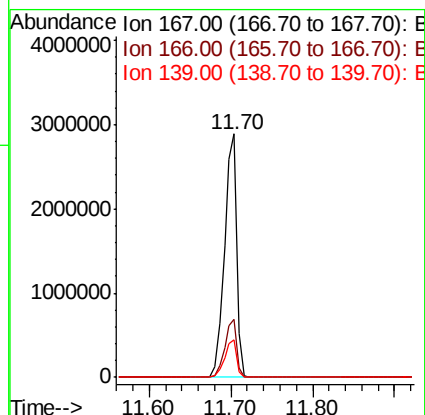
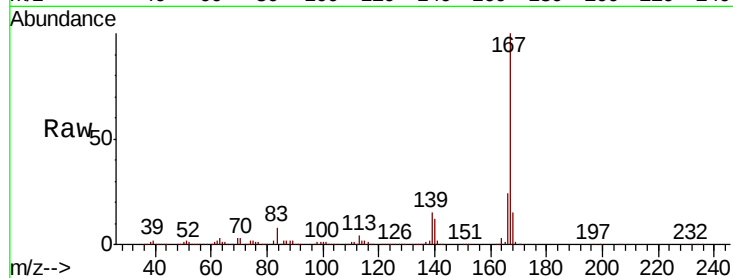




#73
 Carbazole
 Concen: 71.528 ng
 RT: 11.70 min Scan# 1635
 Delta R.T. 0.01 min
 Lab File: BF117780.D
 Acq: 13 Nov 2019 17:18

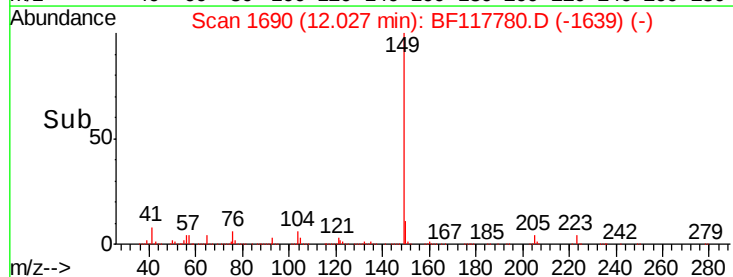
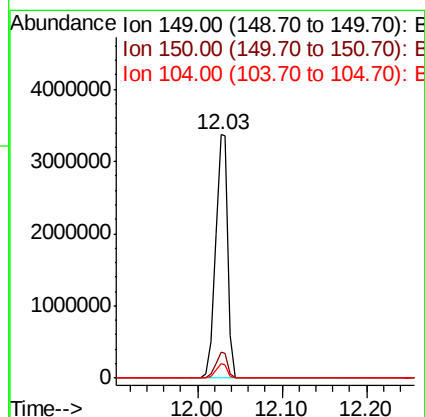
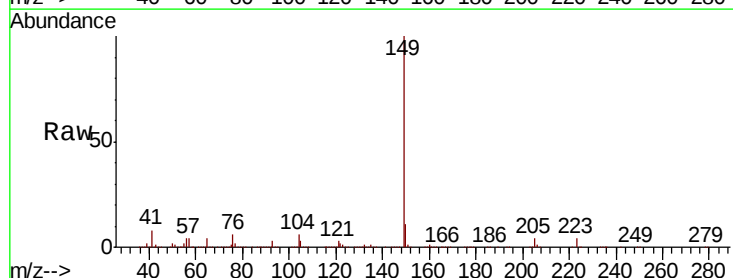
Instrument :
 BNA_F
 ClientSampleId :

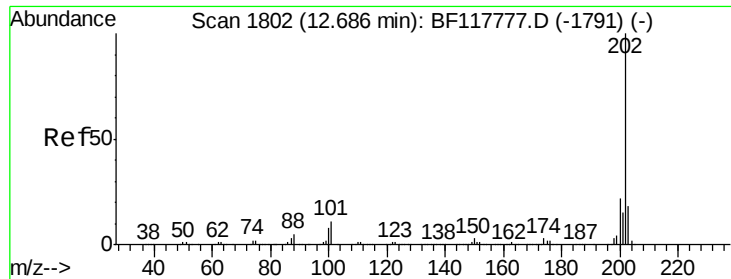
Tot Ion:167 Resp: 2975932
 Ion Ratio Lower Upper
 167 100
 166 23.9 18.0 27.0
 139 15.3 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 69.048 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BF117780.D
 Acq: 13 Nov 2019 17:18

Tgt Ion:149 Resp: 3493158
 Ion Ratio Lower Upper
 149 100
 150 10.9 7.9 11.9
 104 6.1 4.2 6.4





#75

Fluoranthene

Concen: 70.609 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

Instrument :

BNA_F

ClientSampleId :

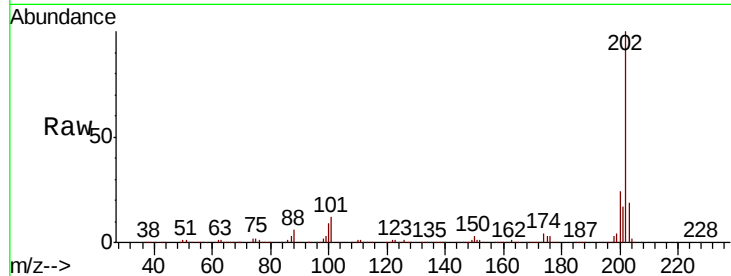
Tot Ion:202 Resp: 3298190

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.1

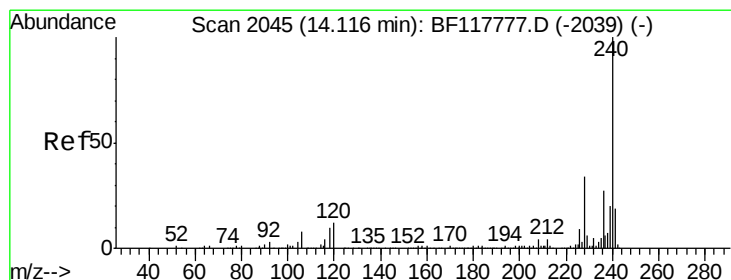
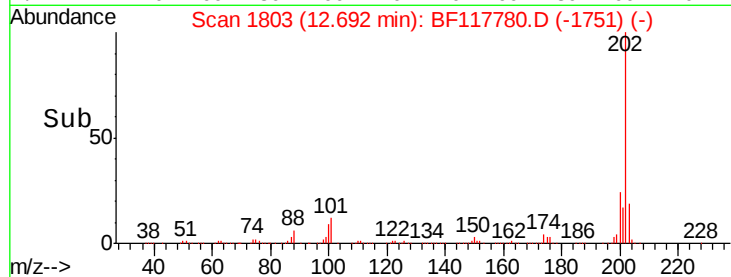
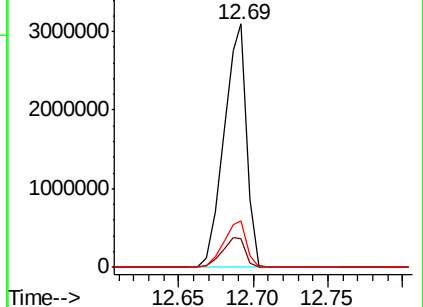
203 19.2 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.01 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

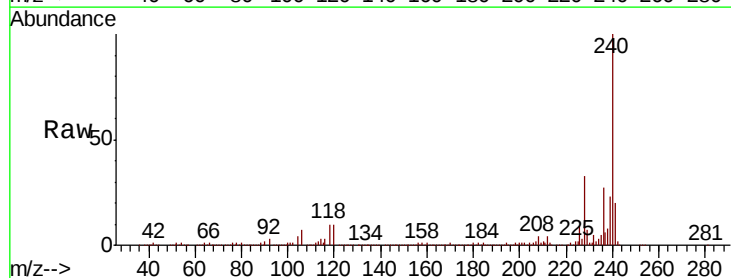
Tgt Ion:240 Resp: 538568

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

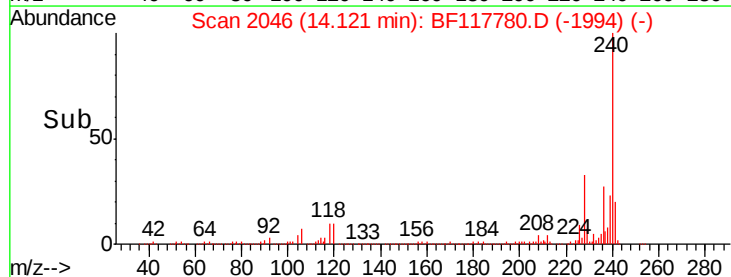
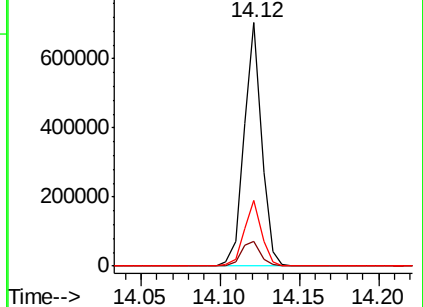
236 26.8 21.3 31.9



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

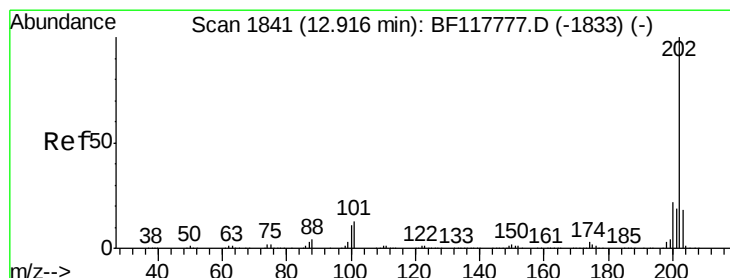
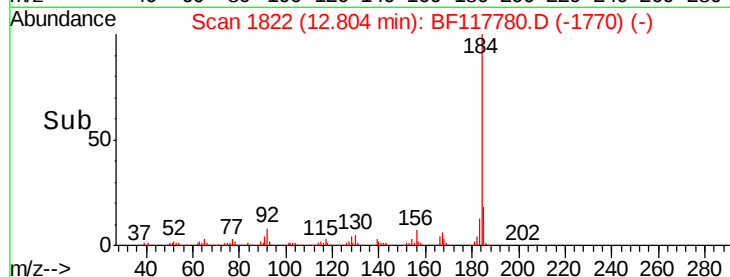
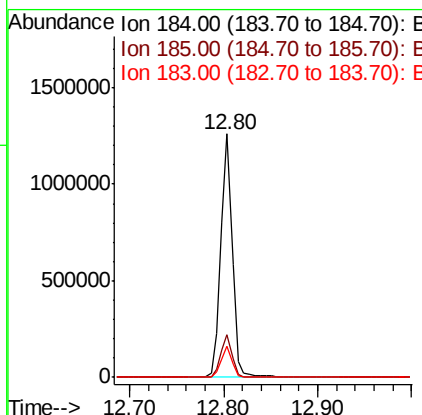
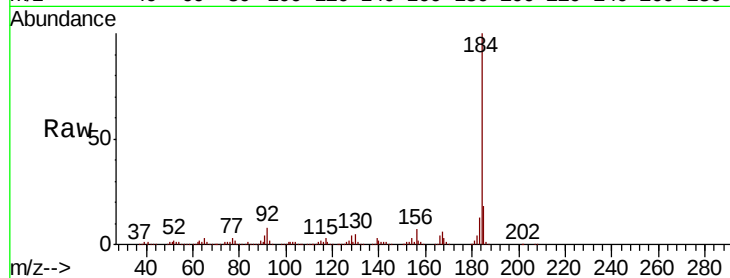




#77
Benzidine
Concen: 57.973 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

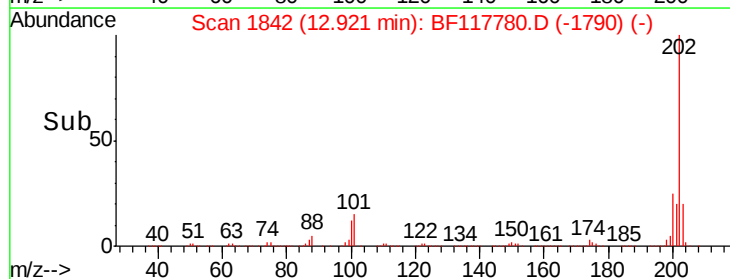
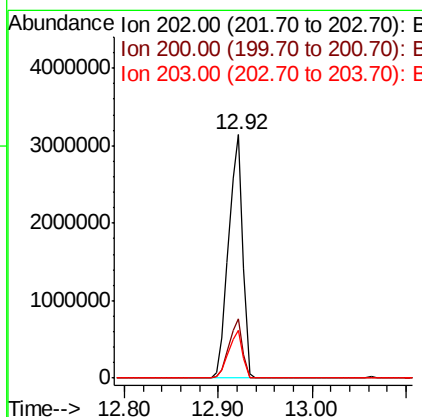
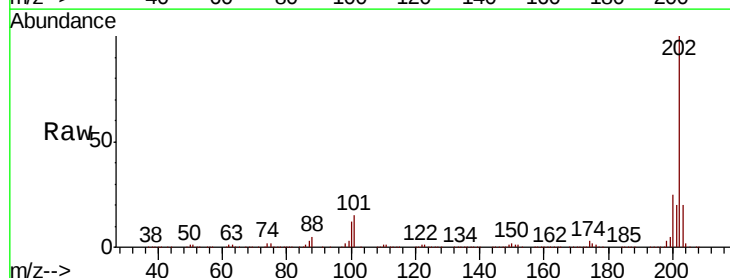
Instrument :
BNA_F
ClientSampleId :

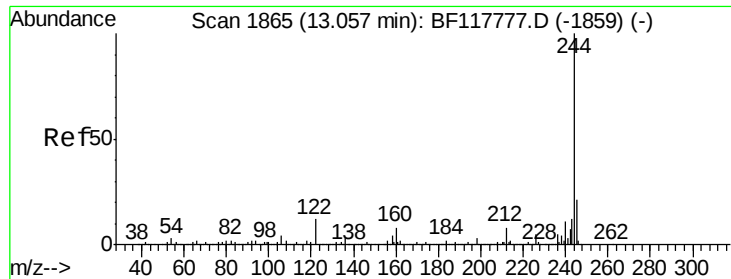
Tot Ion:184 Resp: 1085504
Ion Ratio Lower Upper
184 100
185 17.6 12.2 18.4
183 12.6 9.5 14.3



#78
Pyrene
Concen: 83.631 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Tgt Ion:202 Resp: 3287971
Ion Ratio Lower Upper
202 100
200 24.5 17.8 26.8
203 19.7 14.6 22.0





#79

Terphenyl-d14

Concen: 162.242 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.01 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

Instrument :

BNA_F

ClientSampleId :

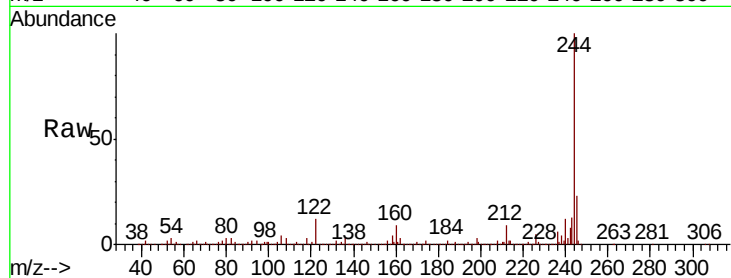
Tot Ion:244 Resp: 4244585

Ion Ratio Lower Upper

244 100

212 8.5 6.3 9.5

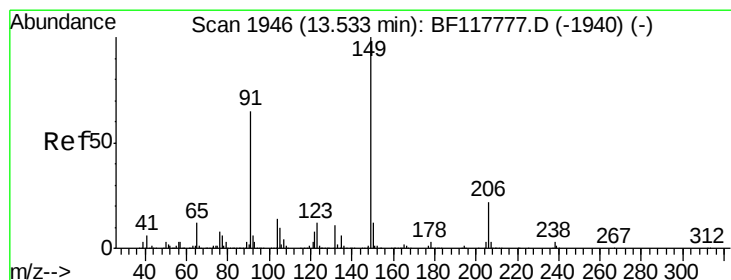
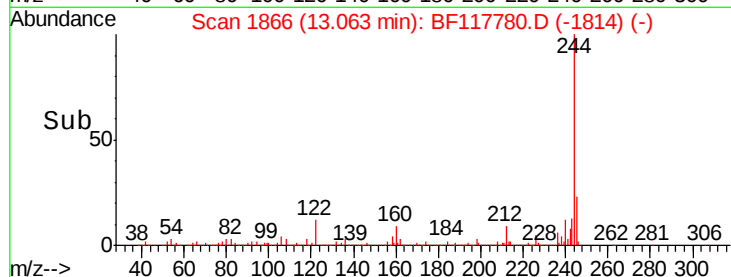
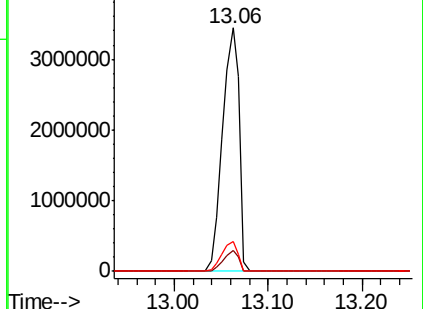
122 12.4 9.4 14.2



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: 81.600 ng

RT: 13.53 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

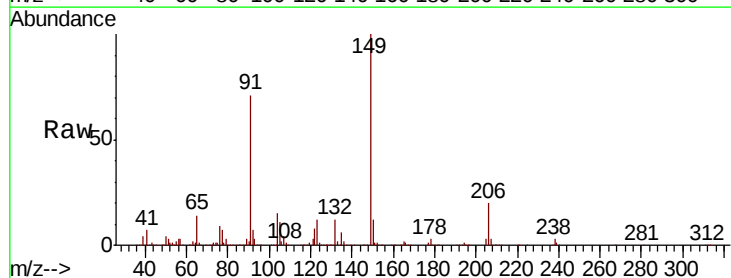
Tgt Ion:149 Resp: 1481832

Ion Ratio Lower Upper

149 100

91 71.2 51.9 77.9

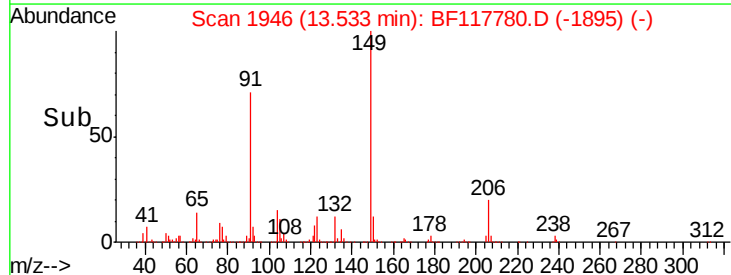
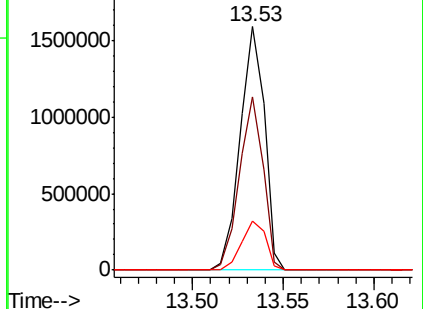
206 20.1 17.2 25.8

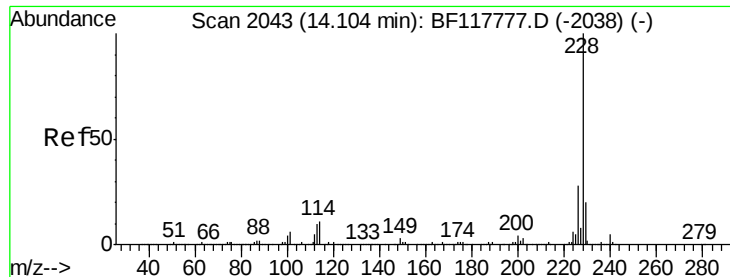


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 79.577 ng

RT: 14.11 min Scan# 2044

Delta R.T. 0.01 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

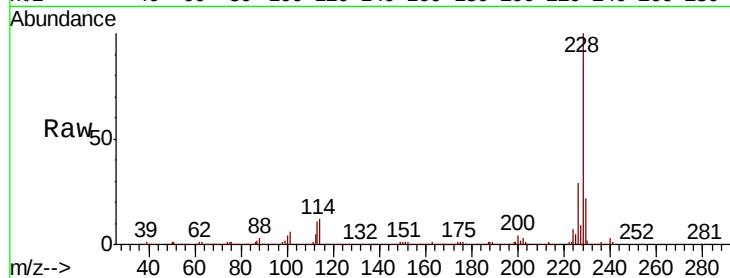
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2667709

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.2	33.2
229	21.5	15.9	23.9

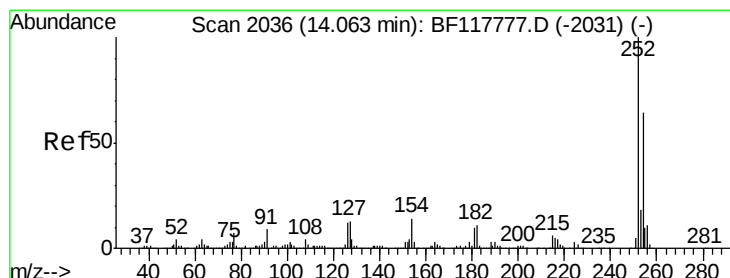
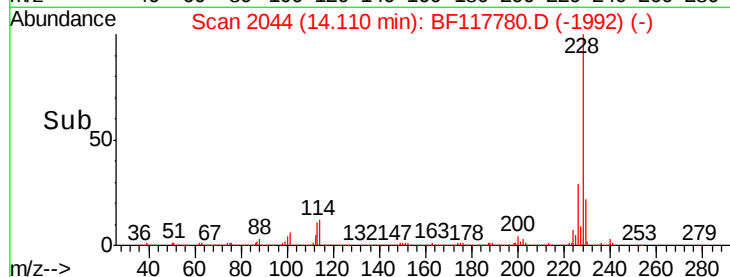
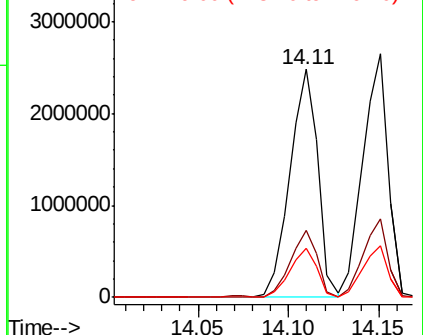


Abundance

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: 73.740 ng

RT: 14.07 min Scan# 2037

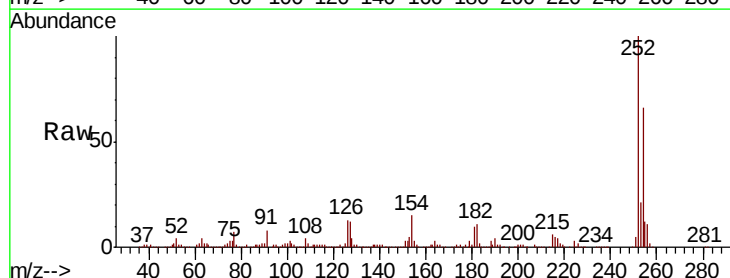
Delta R.T. 0.01 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

Tgt Ion:252 Resp: 923260

Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.0	76.6
126	12.5	9.7	14.5

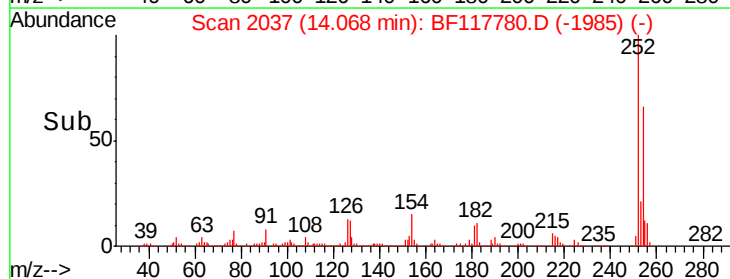
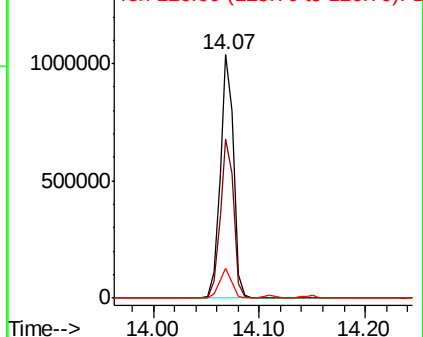


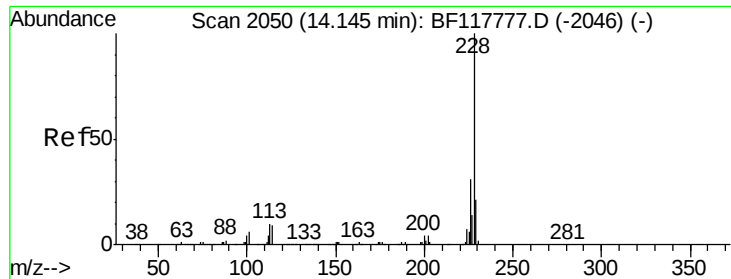
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

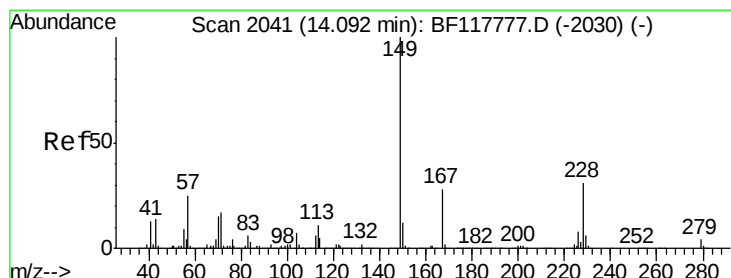
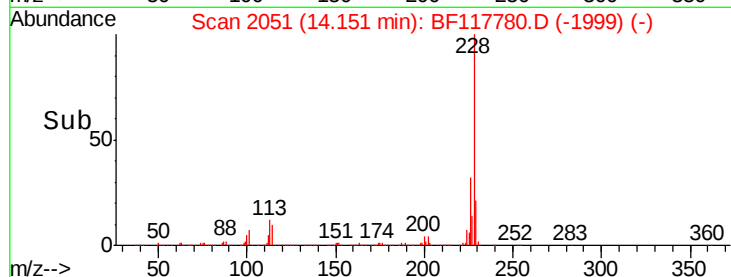
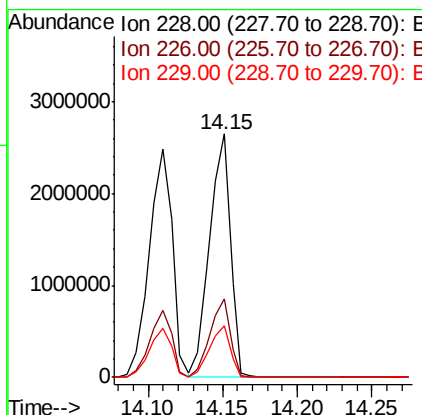
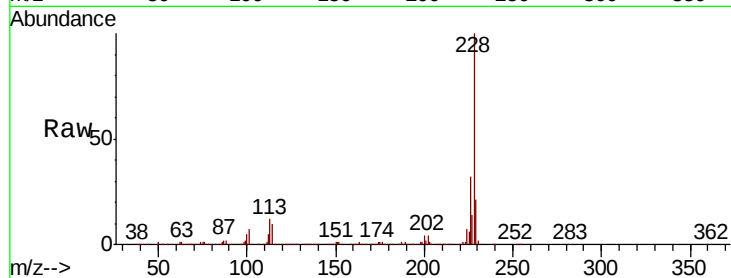




#83
 Chrvsene
 Concen: 77.797 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. 0.01 min
 Lab File: BF117780.D
 Acq: 13 Nov 2019 17:18

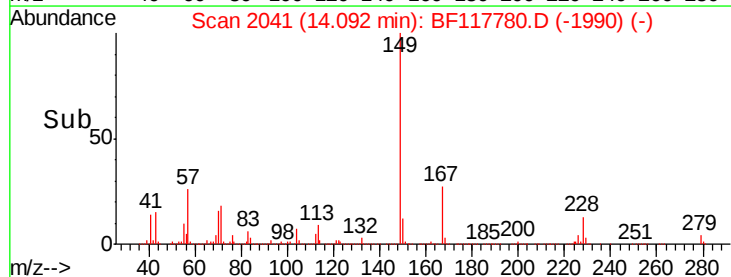
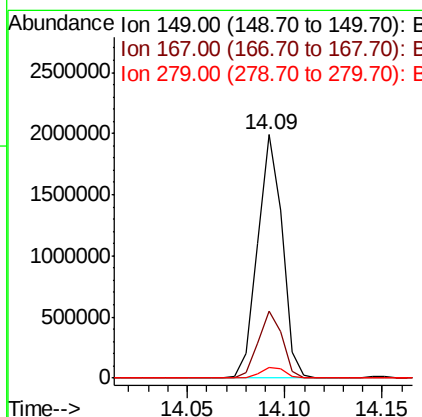
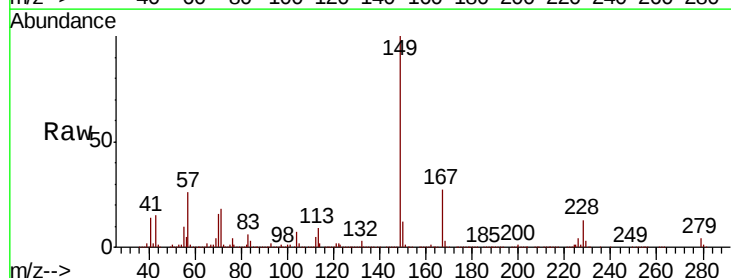
Instrument :
 BNA_F
 ClientSampleId :

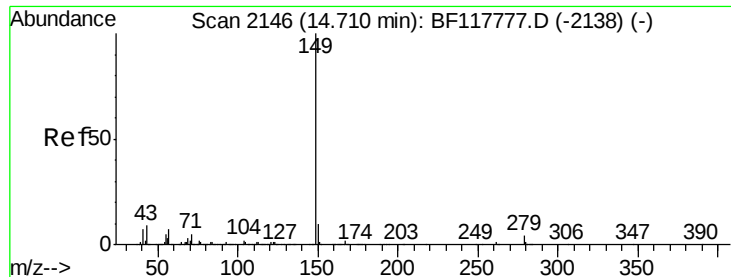
Tot Ion:228 Resp: 2575551
 Ion Ratio Lower Upper
 228 100
 226 32.3 25.0 37.4
 229 21.0 16.6 25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 74.190 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BF117780.D
 Acq: 13 Nov 2019 17:18

Tgt Ion:149 Resp: 1737881
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.2 33.2
 279 4.3 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 68.554 ng

RT: 14.71 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

Instrument :

BNA_F

ClientSampleId :

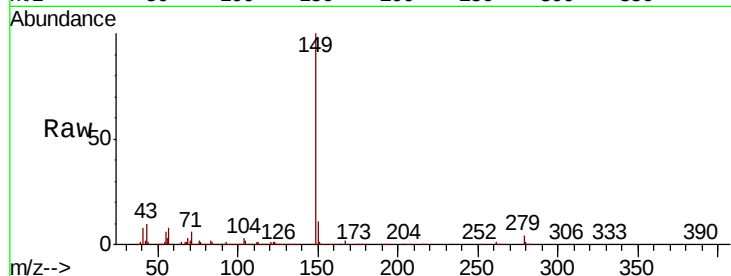
Tot Ion:149 Resp: 2526997

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

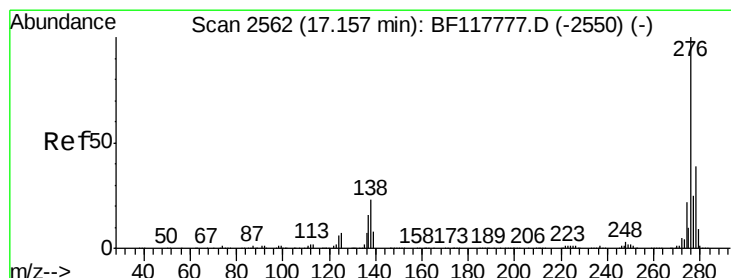
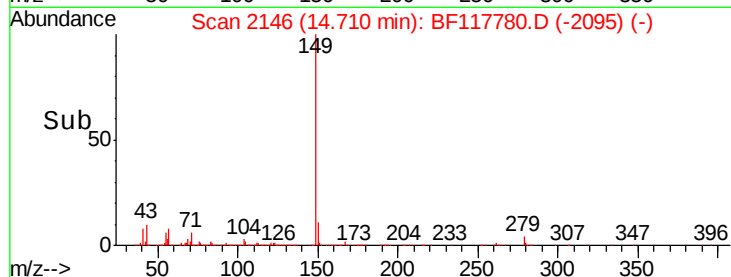
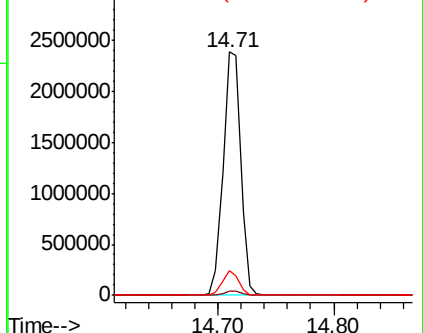
43 9.4 7.4 11.2



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: 80.841 ng

RT: 17.17 min Scan# 2564

Delta R.T. 0.01 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

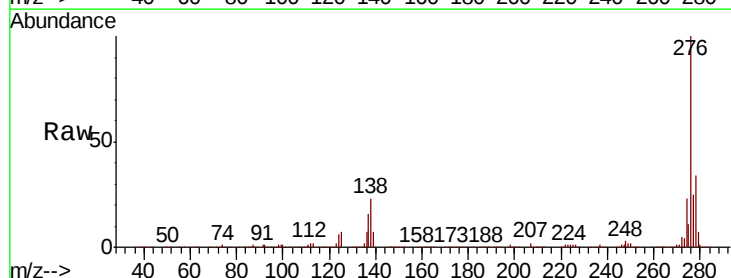
Tgt Ion:276 Resp: 2491002

Ion Ratio Lower Upper

276 100

138 25.9 20.9 31.3

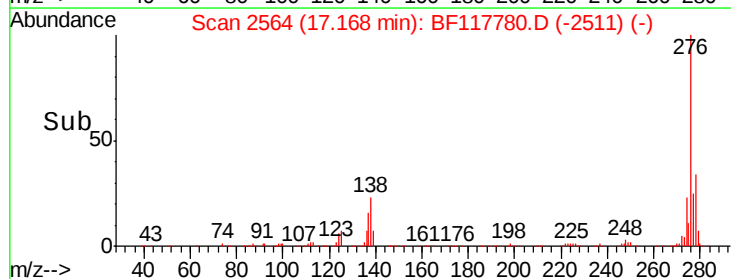
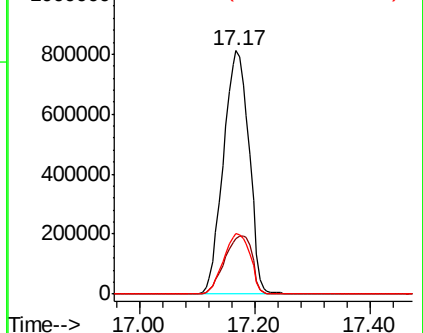
277 25.9 20.3 30.5

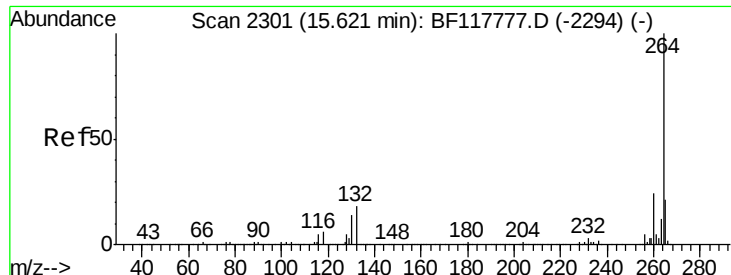


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



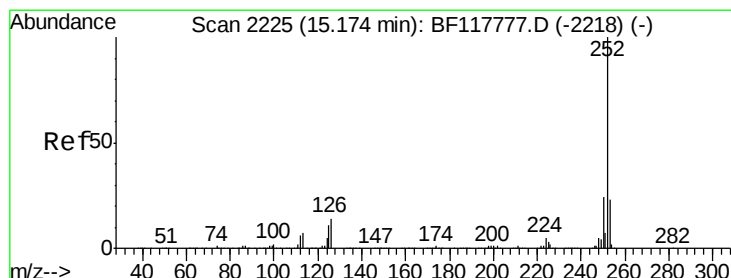
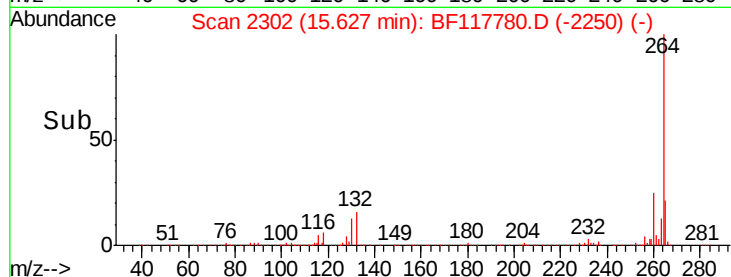
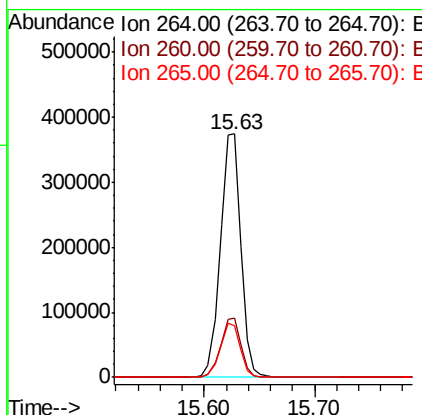
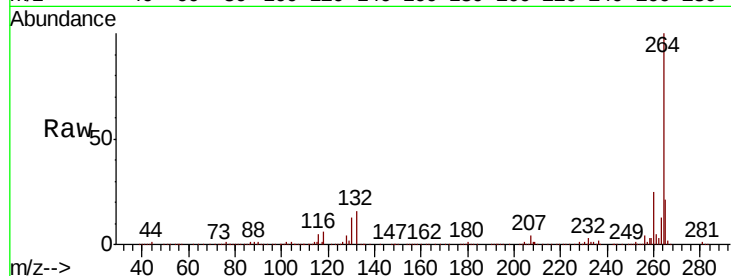


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 485978

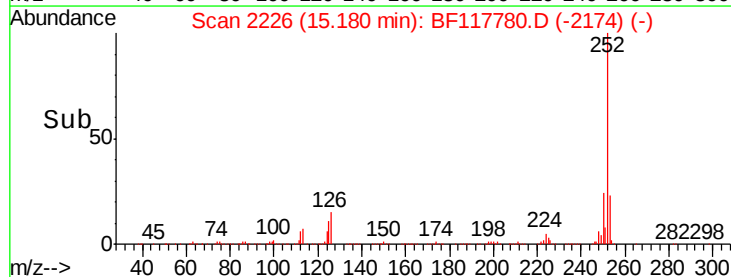
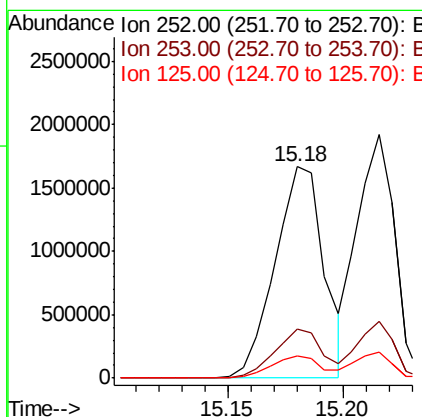
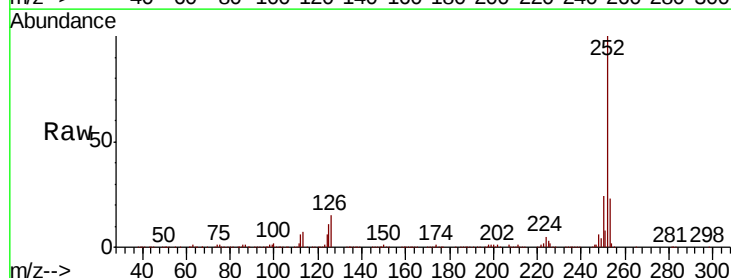
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	21.4	17.1	25.7

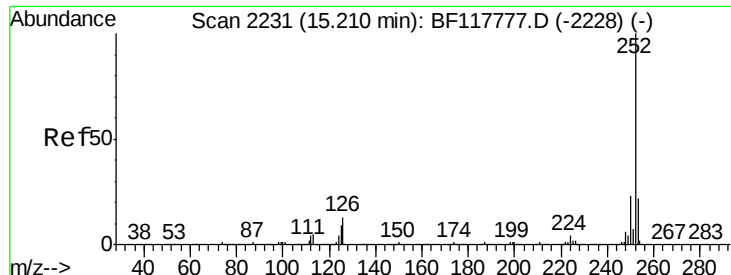


#88
Benzo(b)fluoranthene
Concen: 80.406 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Tgt Ion:252 Resp: 2461042

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	10.8	8.6	13.0

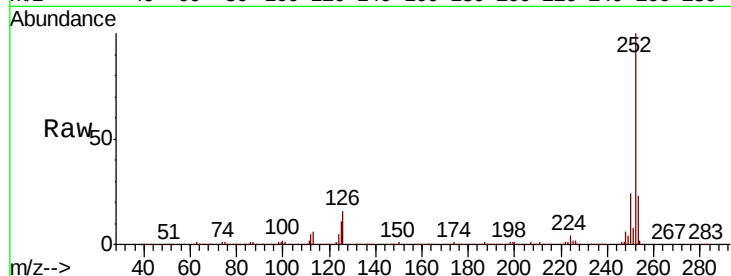




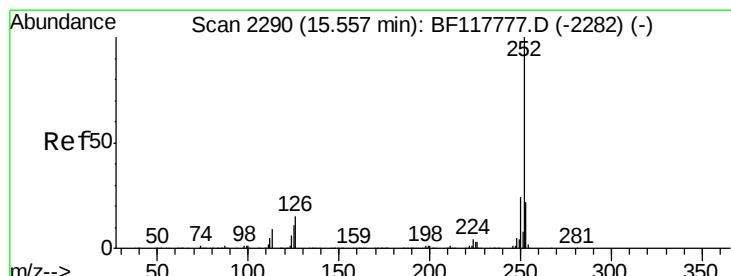
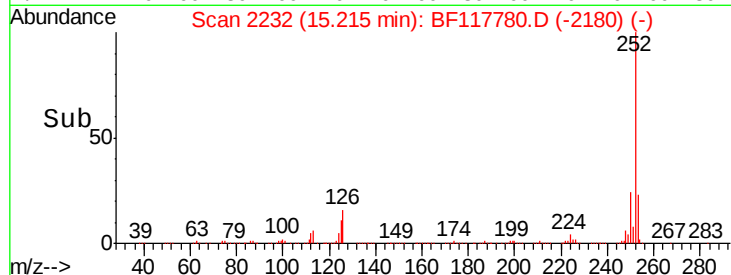
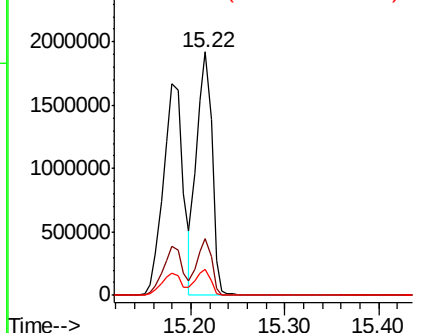
#89
Benzo(k)fluoranthene
Concen: 79.771 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 2177656
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 10.8 7.9 11.9

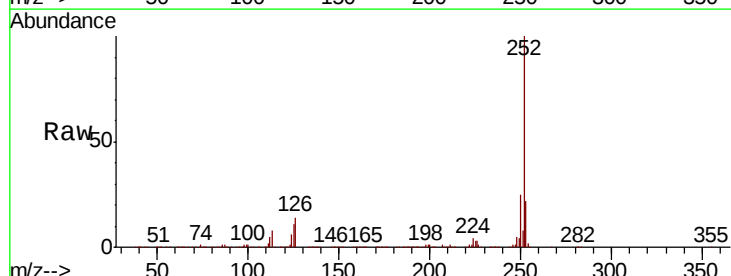


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

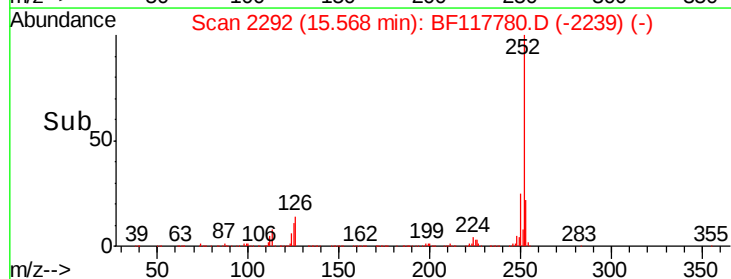
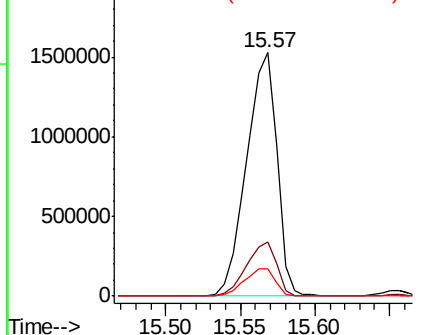


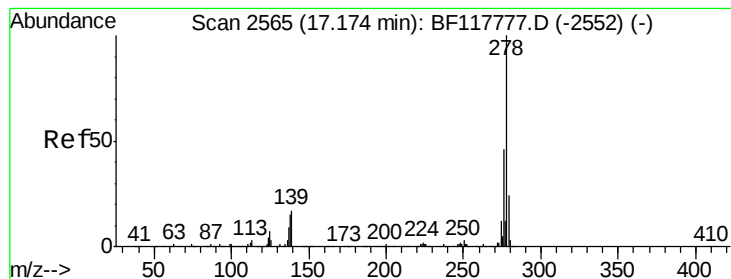
#90
Benzo(a)pyrene
Concen: 80.936 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.01 min
Lab File: BF117780.D
Acq: 13 Nov 2019 17:18

Tgt Ion:252 Resp: 2147465
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 11.0 9.2 13.8



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: 83.498 ng

RT: 17.19 min Scan# 2568

Delta R.T. 0.02 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

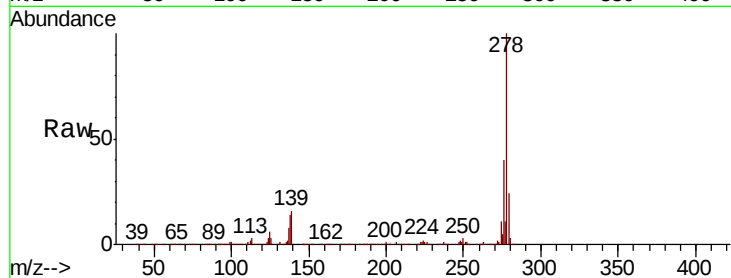
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1986960

Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.8	20.8
279	23.8	19.6	29.4

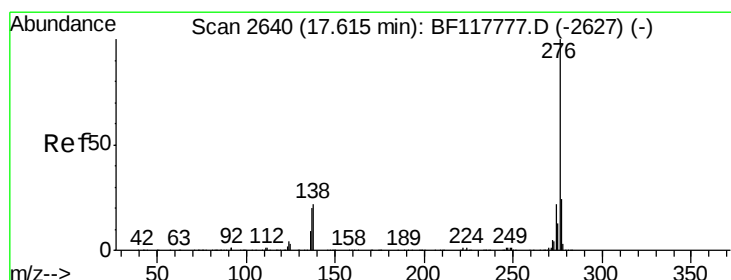
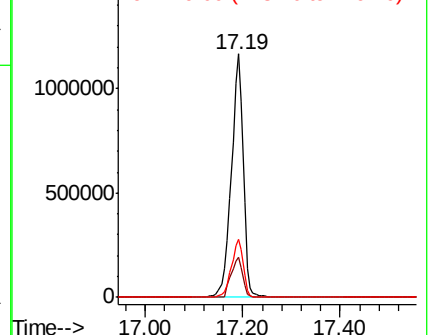
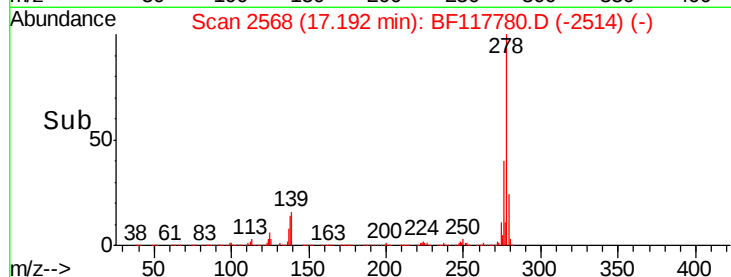


Abundance

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: 88.551 ng

RT: 17.64 min Scan# 2644

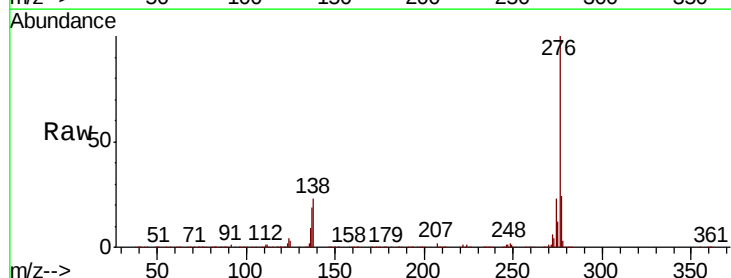
Delta R.T. 0.02 min

Lab File: BF117780.D

Acq: 13 Nov 2019 17:18

Tgt Ion:276 Resp: 2042145

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.9	28.3
138	22.8	17.4	26.2



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

