

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118068.D
 Acq On : 3 Dec 2019 18:01
 Operator : JU
 Sample : K6069-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 04 00:34:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	125380	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	491664	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	262882	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	497377	20.00	ng	0.00
76) Chrysene-d12	14.07	240	341629	20.00	ng	0.00
87) Perylene-d12	15.57	264	328381	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	869059	122.69	ng	0.01
7) Phenol-d6	6.51	99	1111252	130.07	ng	0.00
23) Nitrobenzene-d5	7.44	82	683725	82.67	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	377526	135.65	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1401304	95.63	ng	0.00
79) Terphenyl-d14	13.01	244	1698635	90.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	117555	35.505	ng	98
3) Pyridine	3.45	79	282756	32.556	ng	99
4) n-Nitrosodimethylamine	3.39	42	145793	38.455	ng	98
6) Aniline	6.54	93	162761	14.417	ng	98
8) 2-Chlorophenol	6.66	128	363795	47.333	ng	98
9) Benzaldehyde	6.42	77	131196	20.082	ng	97
10) Phenol	6.52	94	438493	49.392	ng	99
11) bis(2-Chloroethyl)ether	6.61	93	303508	42.572	ng	97
12) 1,3-Dichlorobenzene	6.82	146	395694	43.730	ng	97
13) 1,4-Dichlorobenzene	6.89	146	400298	43.766	ng	99
14) 1,2-Dichlorobenzene	7.05	146	376825	43.078	ng	98
15) Benzyl Alcohol	7.02	79	307551	46.627	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	370928	33.793	ng	99
17) 2-Methylphenol	7.13	107	290160	44.580	ng	97
18) Hexachloroethane	7.39	117	145616	43.339	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	230519	43.736	ng	99
20) 3+4-Methylphenols	7.28	107	369270	45.704	ng	96
22) Acetophenone	7.29	105	486231	44.018	ng	95
24) Nitrobenzene	7.46	77	358359	42.000	ng	92
25) Isophorone	7.70	82	636491	41.987	ng	99
26) 2-Nitrophenol	7.77	139	201506	48.521	ng	96
27) 2,4-Dimethylphenol	7.82	122	314479	48.732	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	397293	41.301	ng	99
29) 2,4-Dichlorophenol	8.02	162	307886	43.984	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	338970	41.748	ng	99
31) Naphthalene	8.19	128	1059300	46.216	ng	100
32) Benzoic acid	7.93	122	201274	37.250	ng	98
33) 4-Chloroaniline	8.23	127	61946	6.037	ng	98
34) Hexachlorobutadiene	8.30	225	195711	41.227	ng	98
35) Caprolactam	8.60	113	61645	27.710	ng	93
36) 4-Chloro-3-methylphenol	8.72	107	329298	46.354	ng	98
37) 2-Methylnaphthalene	8.88	142	723870	46.741	ng	98
38) 1-Methylnaphthalene	8.98	142	669408	45.721	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	324122	42.456	ng	99

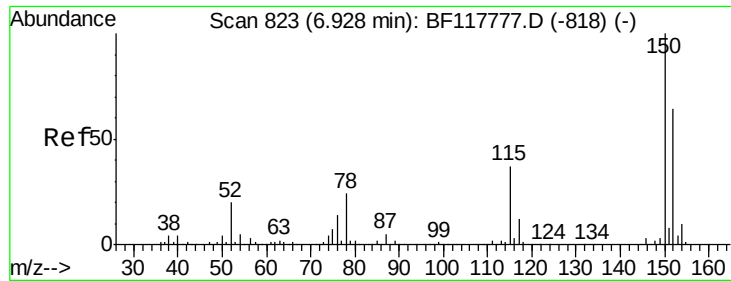
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118068.D
 Acq On : 3 Dec 2019 18:01
 Operator : JU
 Sample : K6069-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 04 00:34:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	345130	80.670	ng	98
43) 2,4,6-Trichlorophenol	9.16	196	224266	41.013	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	239072	42.109	ng	99
46) 1,1'-Biphenyl	9.35	154	869857	44.600	ng	99
47) 2-Chloronaphthalene	9.37	162	676212	42.146	ng	98
48) 2-Nitroaniline	9.47	65	191449	39.524	ng	95
49) Acenaphthylene	9.79	152	1093681	46.754	ng	99
50) Dimethylphthalate	9.65	163	930871	50.496	ng	99
51) 2,6-Dinitrotoluene	9.71	165	185733	46.100	ng	95
52) Acenaphthene	9.96	154	633546	42.279	ng	98
53) 3-Nitroaniline	9.87	138	60368	12.522	ng	99
54) 2,4-Dinitrophenol	9.99	184	150603	73.406	ng	97
55) Dibenzofuran	10.13	168	951954	45.876	ng	99
56) 4-Nitrophenol	10.05	139	295503	82.119	ng	99
57) 2,4-Dinitrotoluene	10.12	165	245718	47.945	ng	# 85
58) Fluorene	10.48	166	748389	46.541	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	196312	42.083	ng	99
60) Diethylphthalate	10.35	149	794083	44.184	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	366146	44.869	ng	98
62) 4-Nitroaniline	10.50	138	195290	40.458	ng	99
63) Azobenzene	10.63	77	709198	43.374	ng	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	113838	49.027	ng	79
66) n-Nitrosodiphenylamine	10.59	169	666551	46.048	ng	98
67) 4-Bromophenyl-phenylether	10.96	248	232461	43.316	ng	96
68) Hexachlorobenzene	11.03	284	267065	42.677	ng	94
69) Atrazine	11.12	200	202178	42.460	ng	98
70) Pentachlorophenol	11.23	266	277370	75.868	ng	99
71) Phenanthrene	11.45	178	1134528	45.369	ng	99
72) Anthracene	11.50	178	1160772	46.818	ng	100
73) Carbazole	11.65	167	1017472	46.962	ng	100
74) Di-n-butylphthalate	11.98	149	1254158	46.492	ng	100
75) Fluoranthene	12.64	202	1152461	51.736	ng	99
77) Benzidine	12.76	184	329826	29.474	ng	100
78) Pyrene	12.87	202	1163414	42.139	ng	100
80) Butylbenzylphthalate	13.49	149	522115	44.031	ng	98
81) Benzo(a)anthracene	14.06	228	966917	42.831	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	150704	19.084	ng	97
83) Chrysene	14.10	228	941012	43.017	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	724668	50.408	ng	98
85) Di-n-octyl phthalate	14.66	149	1124421	53.240	ng	99
86) Indeno(1,2,3-cd)pyrene	17.09	276	942926	50.645	ng	100
88) Benzo(b)fluoranthene	15.13	252	853549	40.007	ng	99
89) Benzo(k)fluoranthene	15.16	252	860550	42.808	ng	99
90) Benzo(a)pyrene	15.50	252	816314	43.512	ng	98
91) Dibenzo(a,h)anthracene	17.10	278	789570	48.897	ng	99
92) Benzo(g,h,i)perylene	17.54	276	793855	49.358	ng	99

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

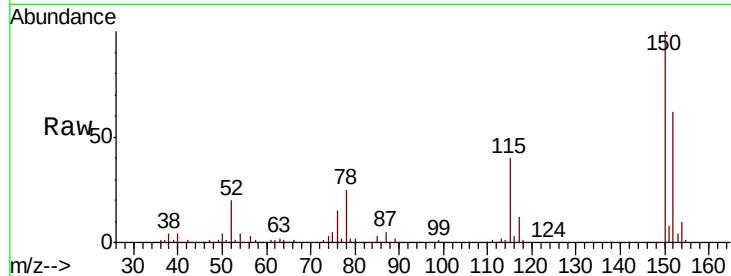


#1

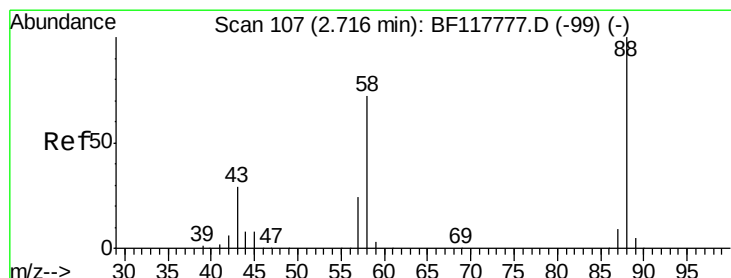
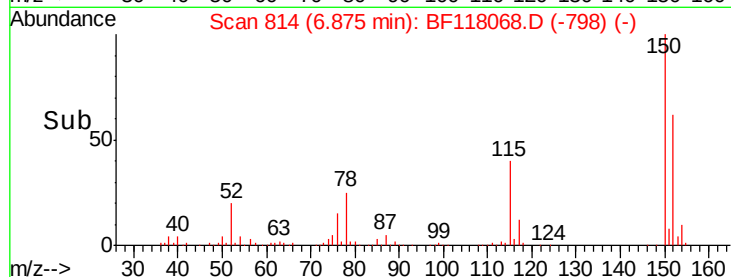
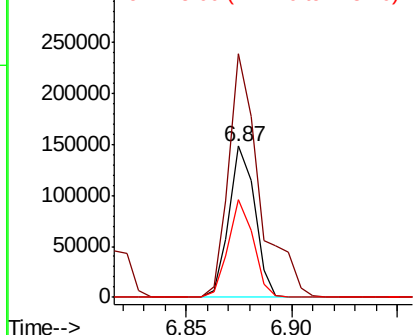
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 125380
Ion Ratio Lower Upper
152 100
150 161.4 121.4 182.2
115 64.7 48.8 73.2



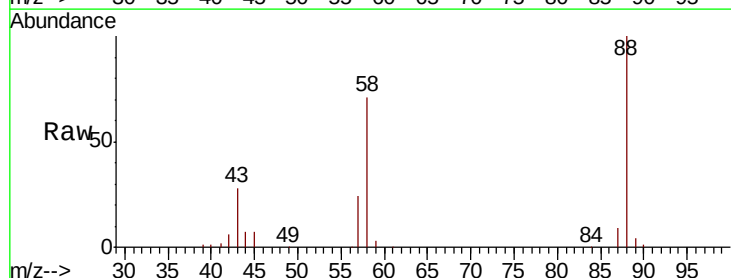
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



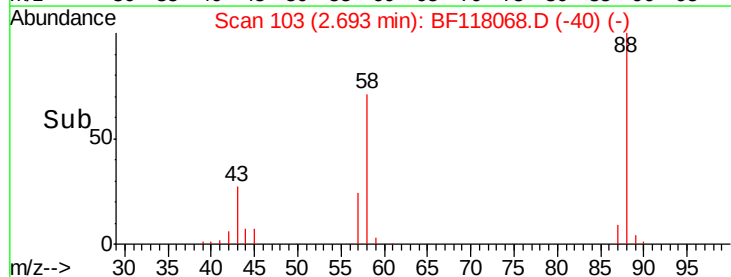
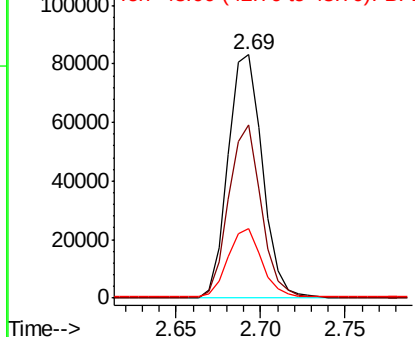
#2

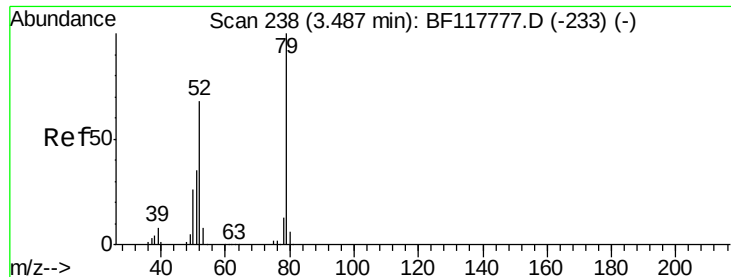
1,4-Dioxane
Concen: 35.505 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.07 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion: 88 Resp: 117555
Ion Ratio Lower Upper
88 100
58 68.1 52.6 78.8
43 27.5 21.8 32.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.556 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.06 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

ClientSampleId :

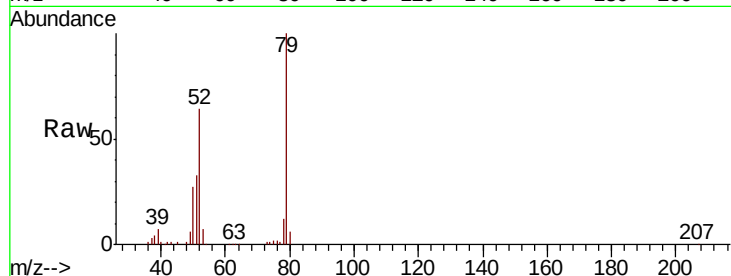
Tot Ion: 79 Resp: 282756

Ion Ratio Lower Upper

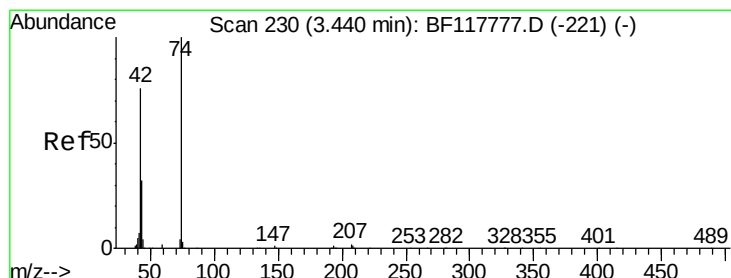
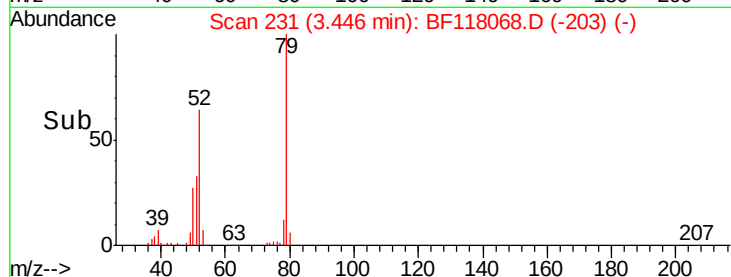
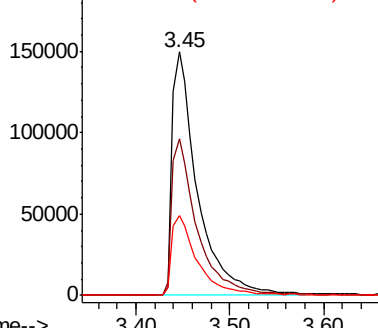
79 100

52 64.1 50.6 75.8

51 32.6 26.8 40.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.455 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.06 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

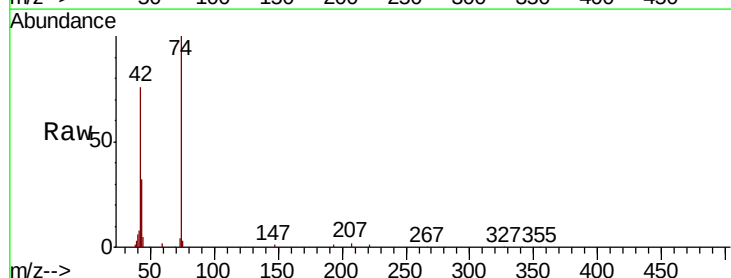
Tgt Ion: 42 Resp: 145793

Ion Ratio Lower Upper

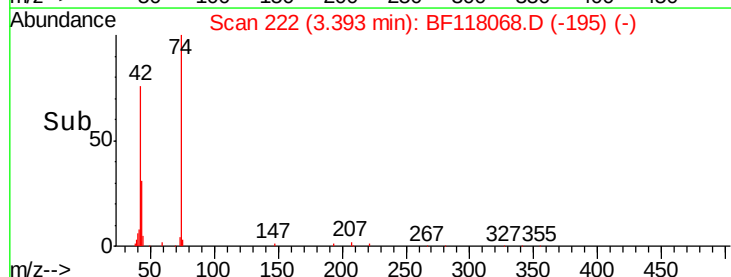
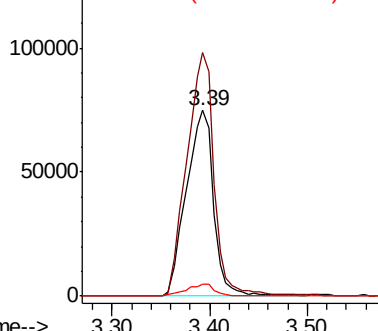
42 100

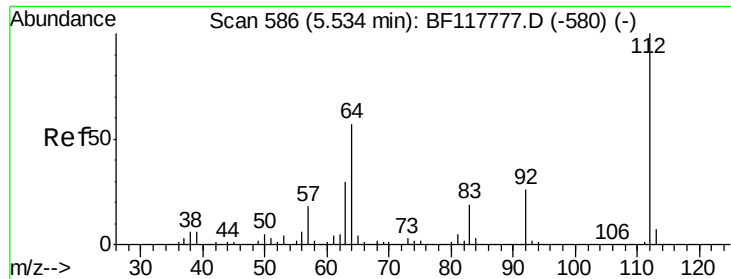
74 131.1 102.8 154.2

44 6.2 4.7 7.1



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 122.693 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

ClientSampled :

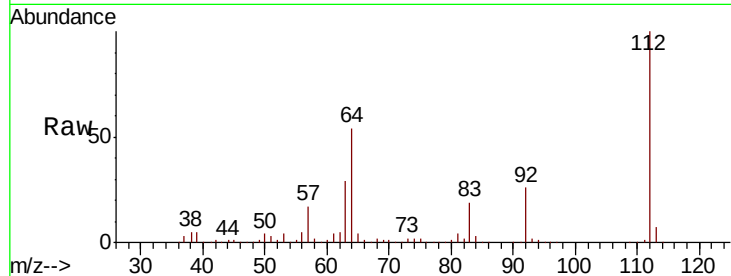
Tot Ion:112 Resp: 869059

Ion Ratio Lower Upper

112 100

64 53.7 45.1 67.7

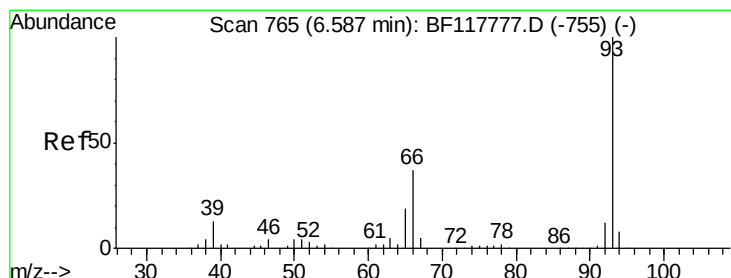
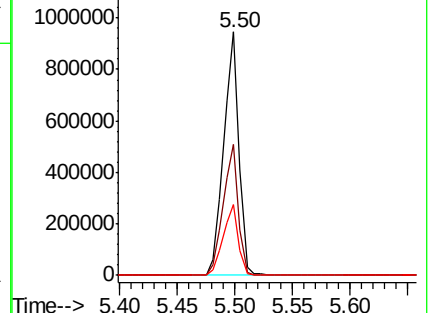
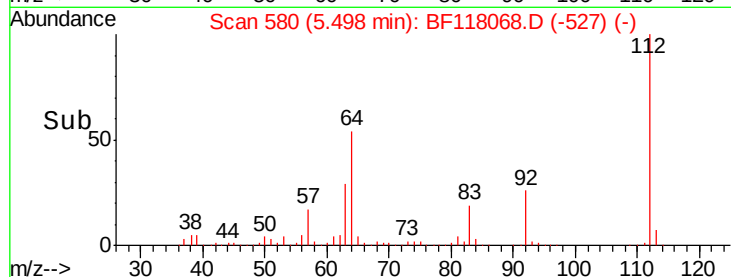
63 29.1 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.417 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

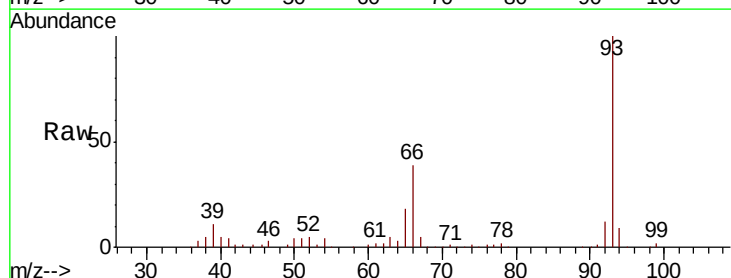
Tgt Ion: 93 Resp: 162761

Ion Ratio Lower Upper

93 100

66 38.5 31.0 46.6

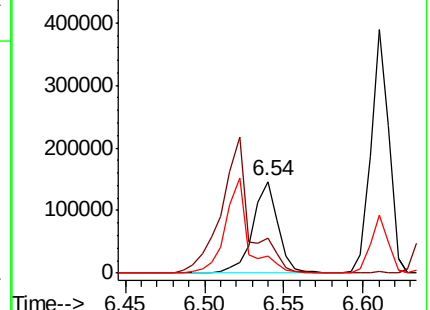
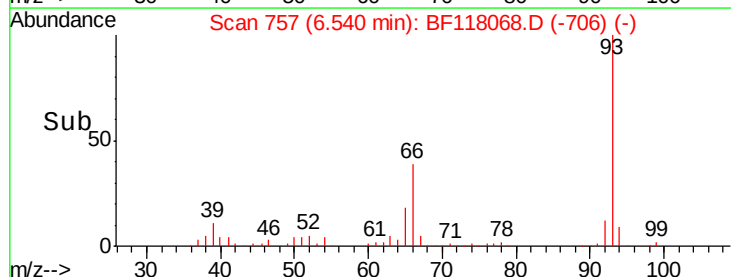
65 18.1 15.8 23.8

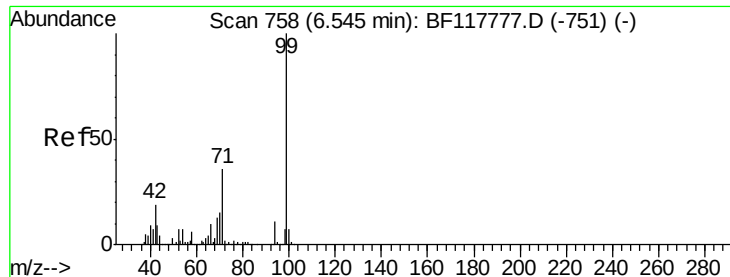


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.070 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

ClientSampleId :

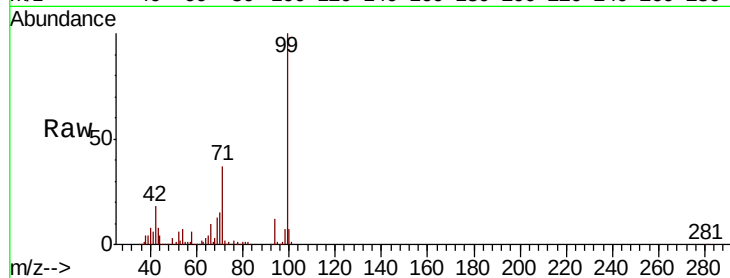
Tot Ion: 99 Resp: 1111252

Ion Ratio Lower Upper

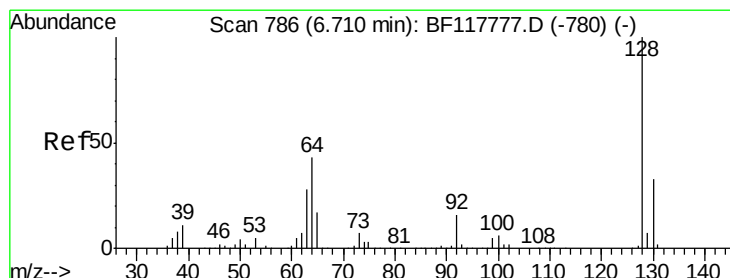
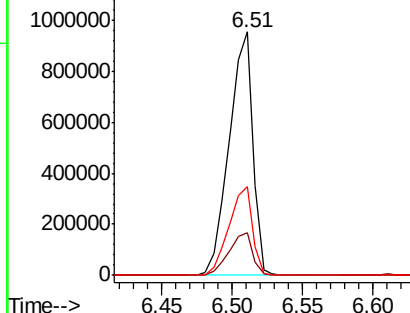
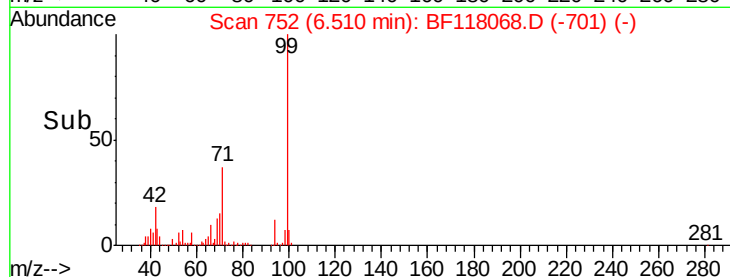
99 100

42 17.8 14.0 21.0

71 36.6 29.2 43.8



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: 47.333 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

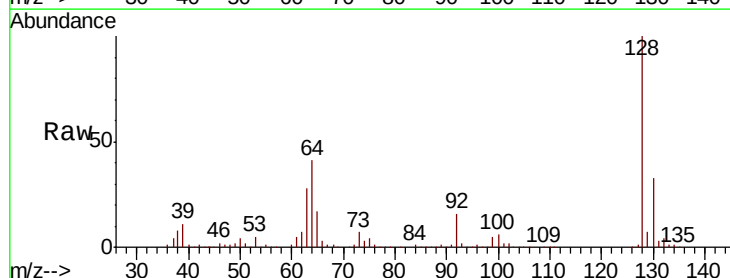
Tgt Ion: 128 Resp: 363795

Ion Ratio Lower Upper

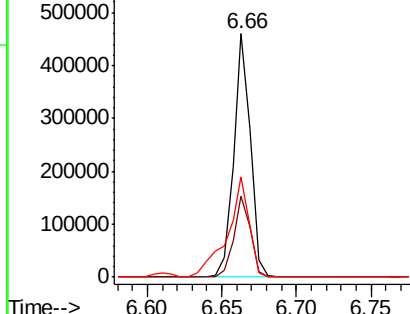
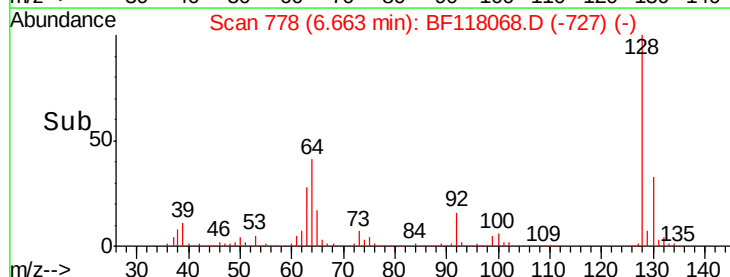
128 100

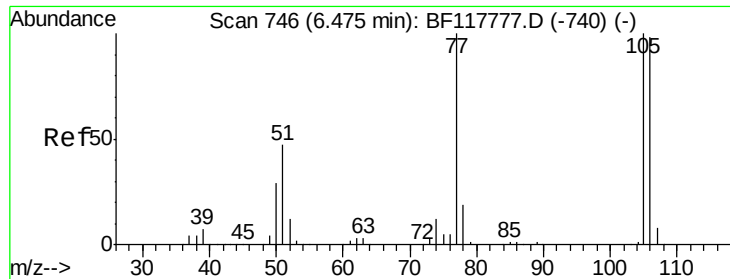
130 33.1 12.4 52.4

64 41.2 23.2 63.2



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: 20.082 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

ClientSampleId :

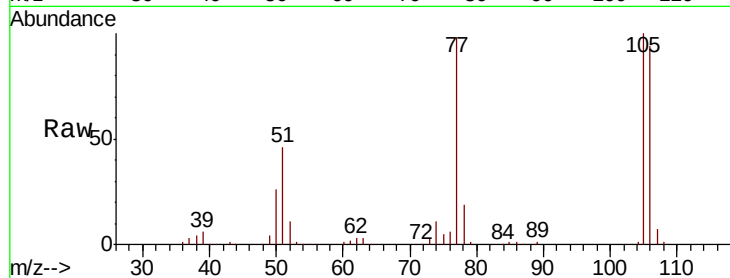
Tot Ion: 77 Resp: 131196

Ion Ratio Lower Upper

77 100

105 101.6 83.3 123.3

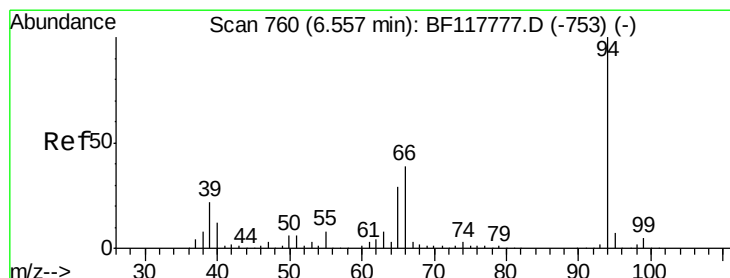
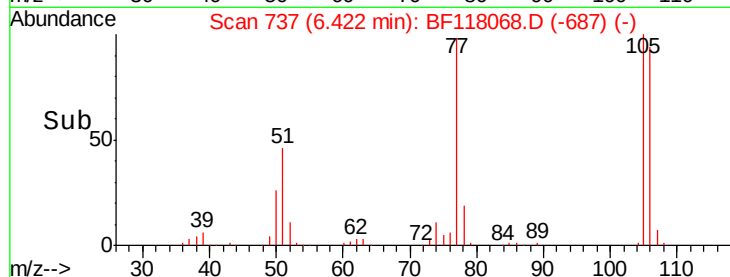
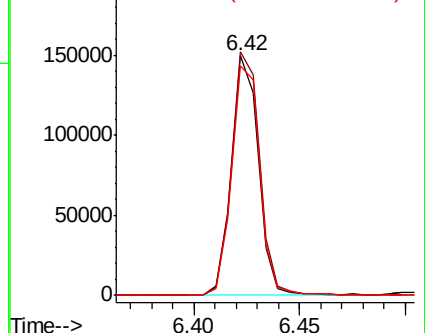
106 96.0 80.9 120.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 49.392 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

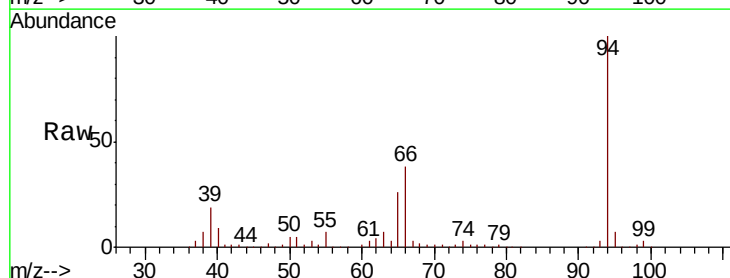
Tgt Ion: 94 Resp: 438493

Ion Ratio Lower Upper

94 100

65 26.3 6.9 46.9

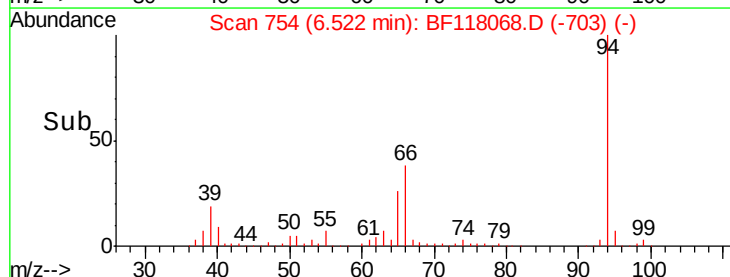
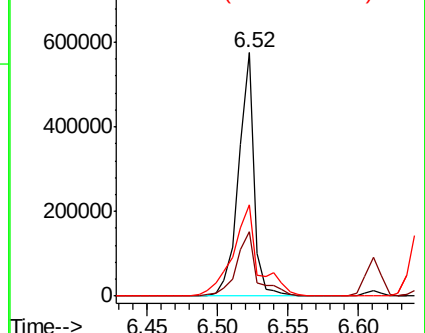
66 37.8 18.6 58.6

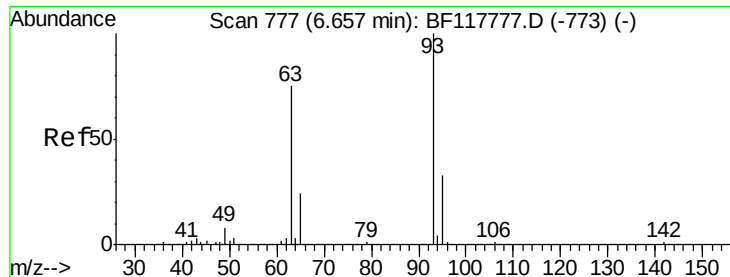


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.572 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

ClientSampleId :

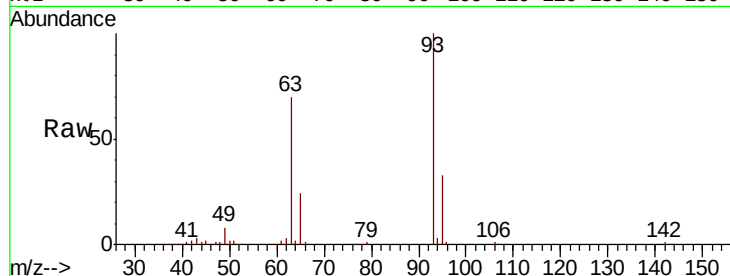
Tot Ion: 93 Resp: 303508

Ion Ratio Lower Upper

93 100

63 69.6 46.8 86.8

95 33.0 12.0 52.0

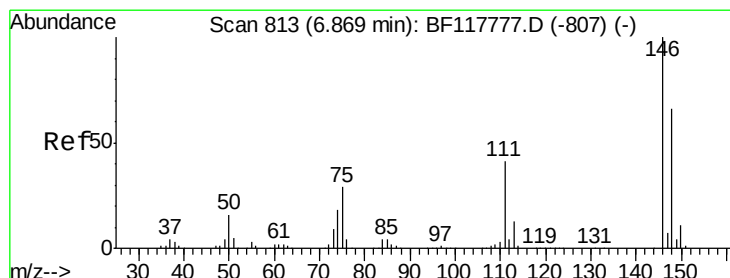
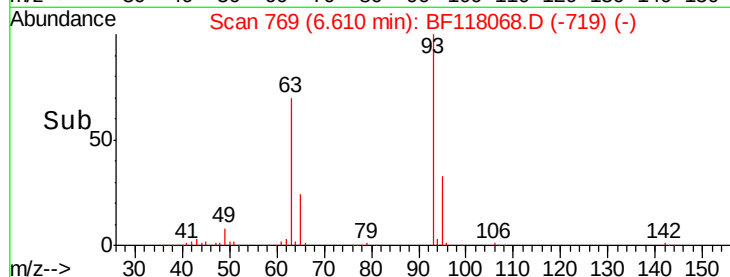
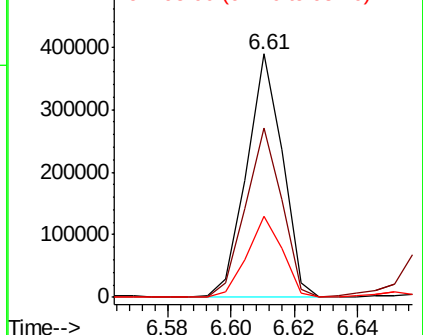


Abundance

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: 43.730 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

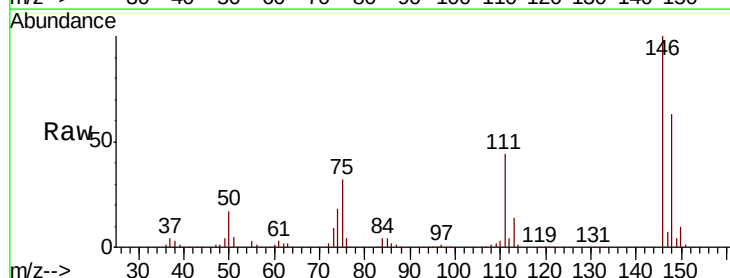
Tgt Ion: 146 Resp: 395694

Ion Ratio Lower Upper

146 100

148 63.1 52.7 79.1

75 31.7 24.5 36.7

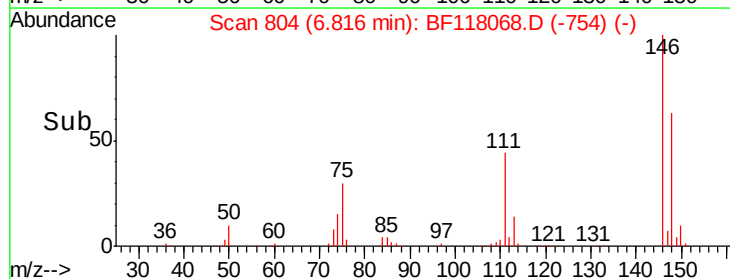
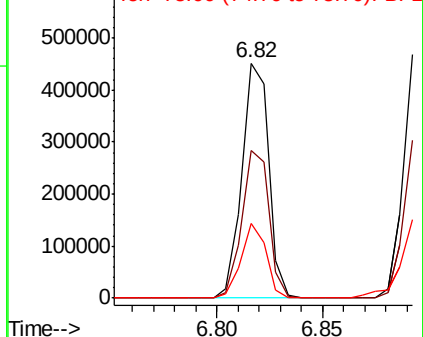


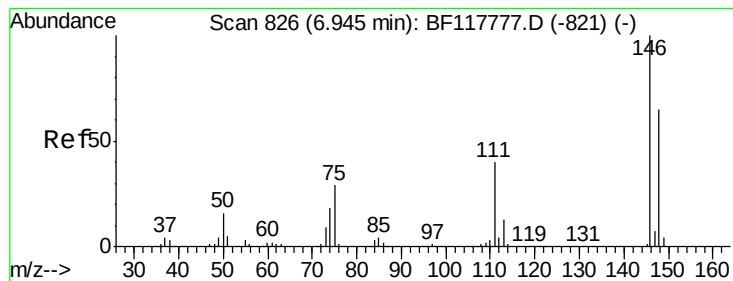
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 43.766 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

ClientSampled :

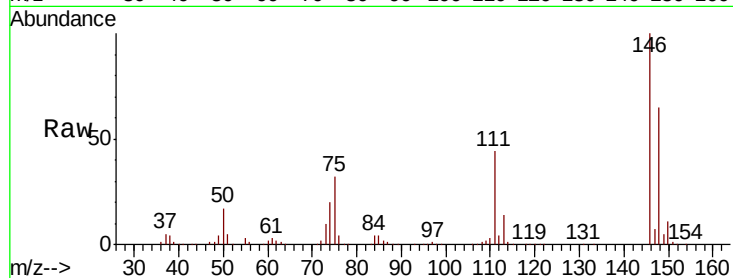
Tot Ion:146 Resp: 400298

Ion Ratio Lower Upper

146 100

148 64.8 50.8 76.2

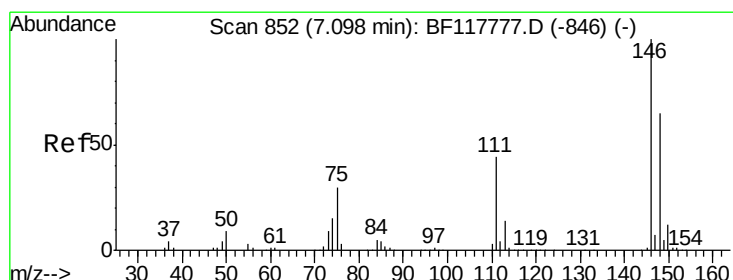
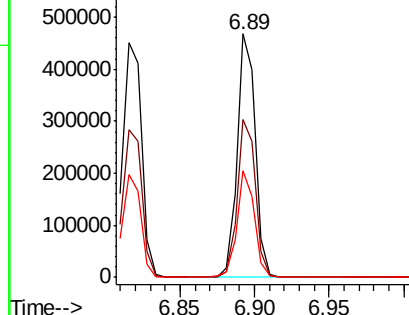
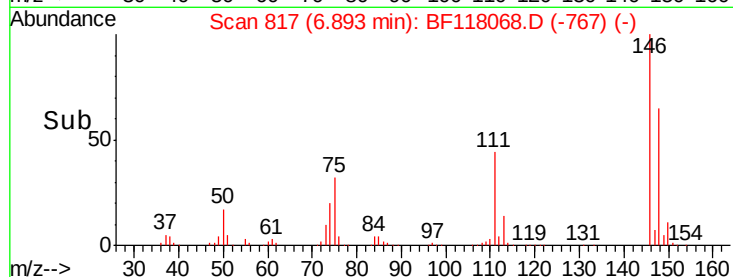
111 43.8 34.6 51.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.078 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

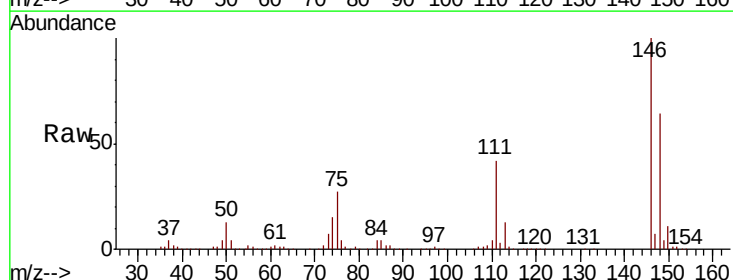
Tgt Ion:146 Resp: 376825

Ion Ratio Lower Upper

146 100

148 64.4 51.6 77.4

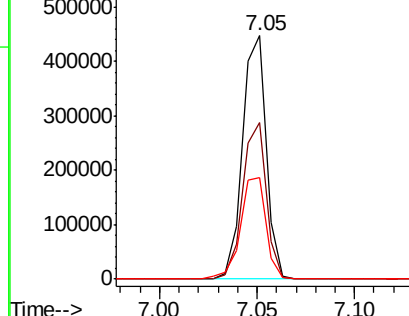
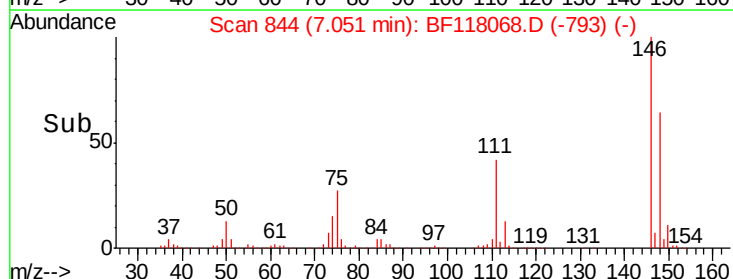
111 41.5 35.8 53.8

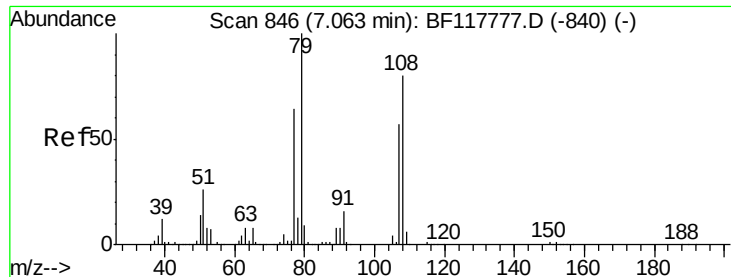


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.627 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

ClientSampleId :

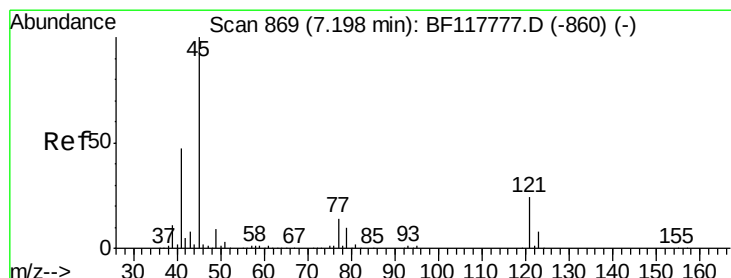
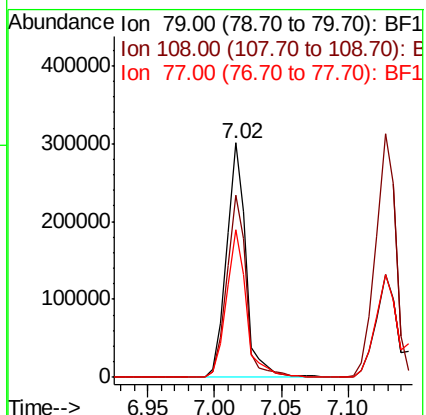
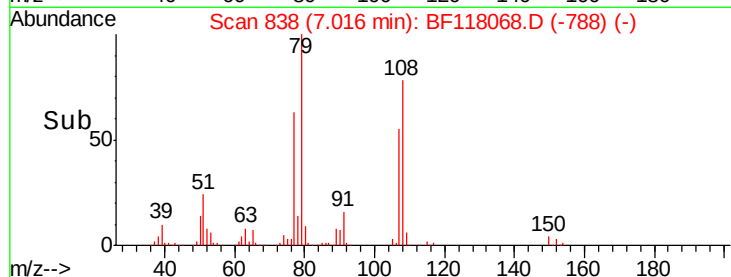
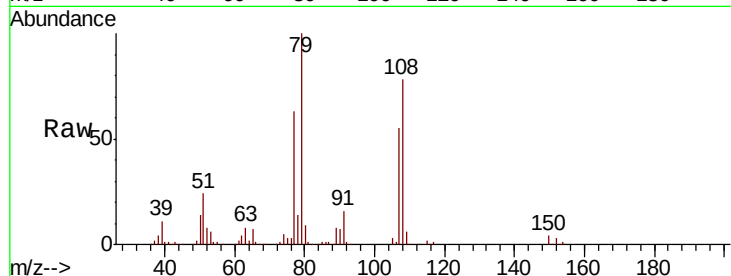
Tot Ion: 79 Resp: 307551

Ion Ratio Lower Upper

79 100

108 77.9 63.1 94.7

77 63.0 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.793 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

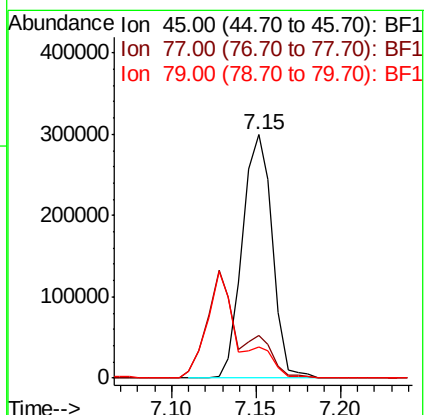
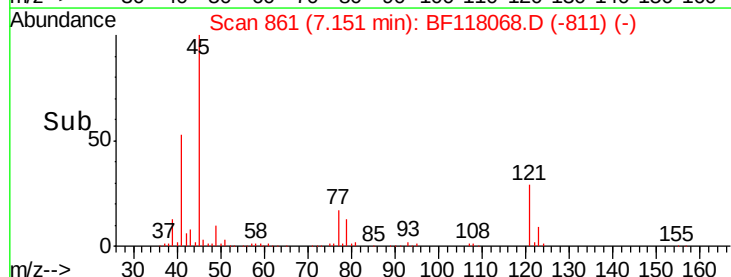
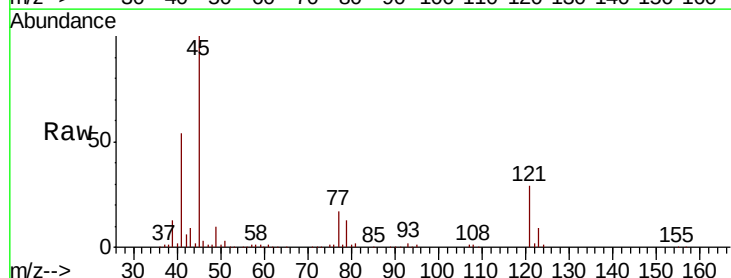
Tgt Ion: 45 Resp: 370928

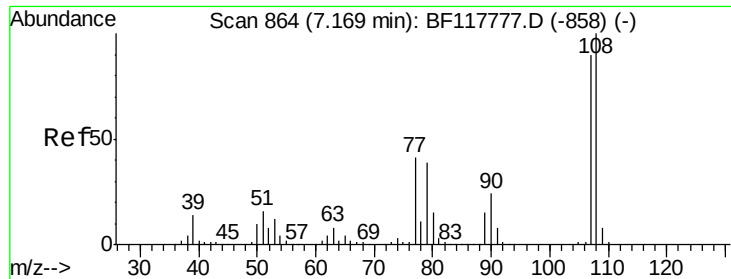
Ion Ratio Lower Upper

45 100

77 17.3 0.0 36.8

79 13.0 0.0 33.5





#17

2-Methylphenol

Concen: 44.580 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 290160

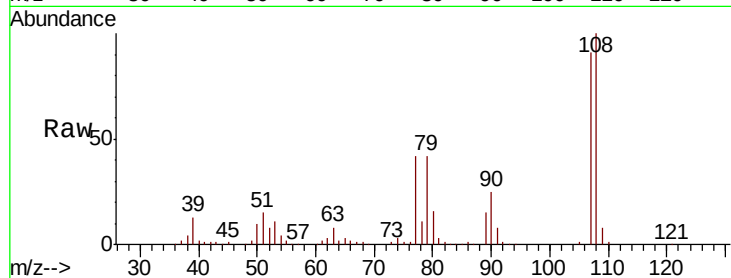
Ion Ratio Lower Upper

107 100

108 109.6 89.8 134.8

77 46.5 35.0 52.6

79 46.1 35.0 52.6



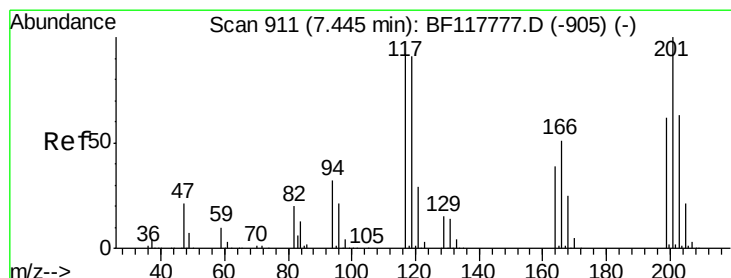
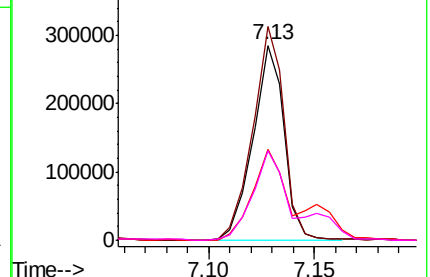
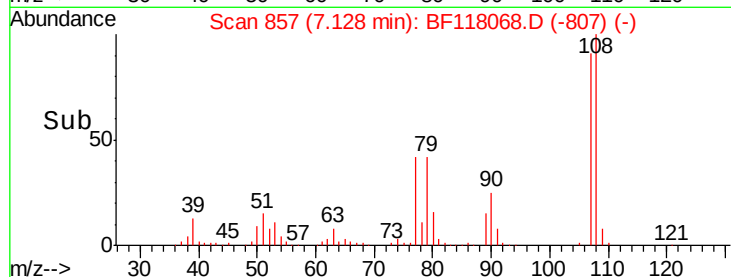
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 43.339 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

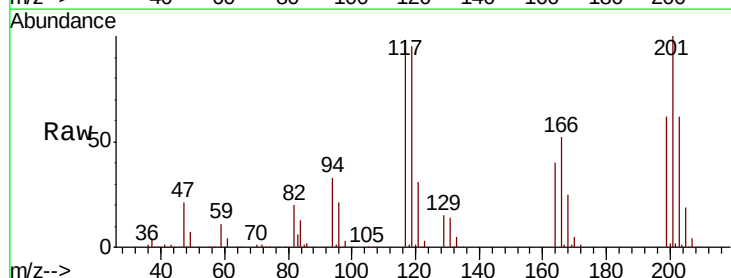
Tgt Ion:117 Resp: 145616

Ion Ratio Lower Upper

117 100

119 97.2 76.4 114.6

201 102.1 71.7 107.5

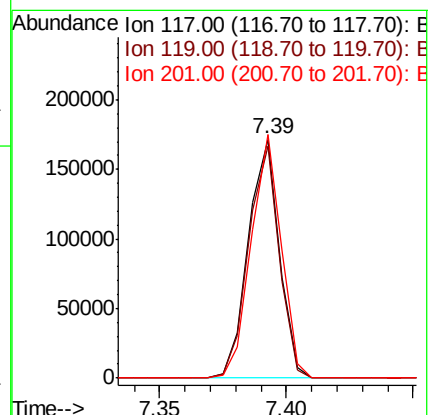
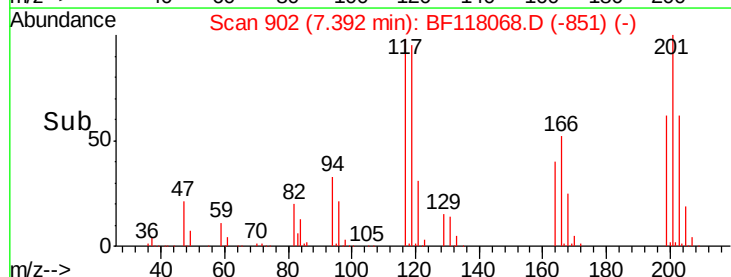


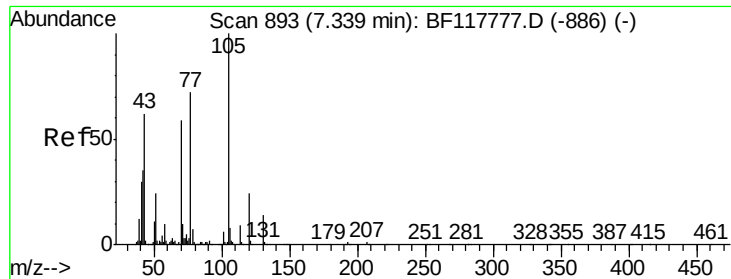
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

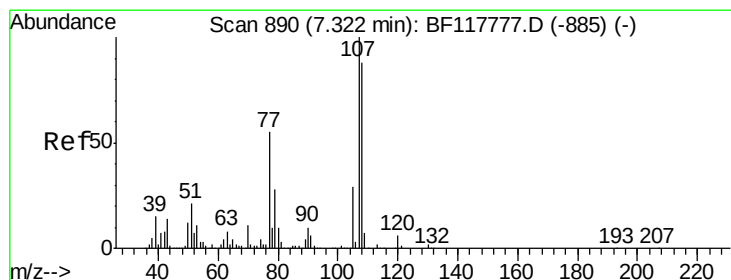
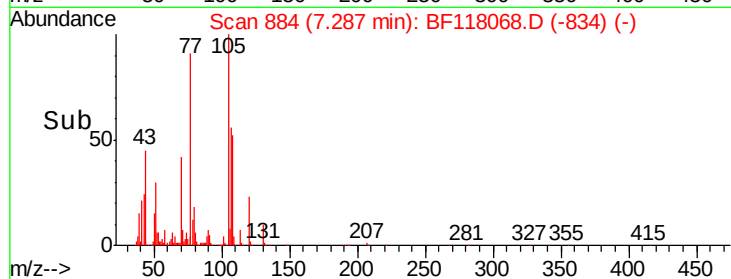
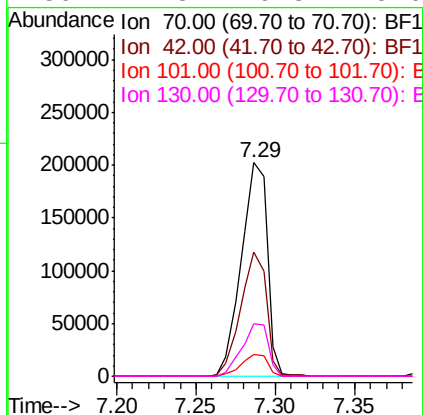
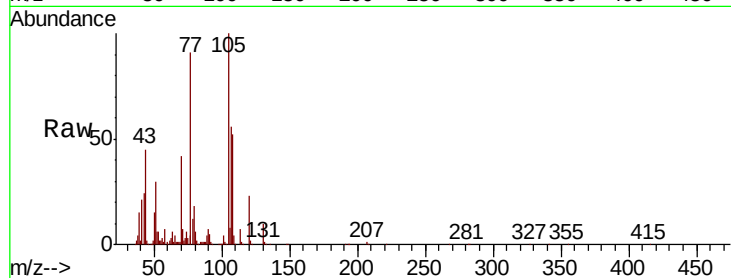




#19
n-Nitroso-di-n-propylamine
Concen: 43.736 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

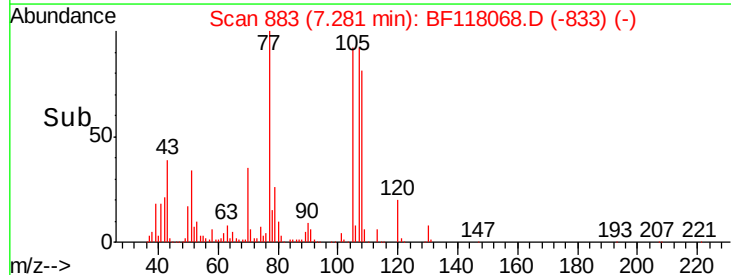
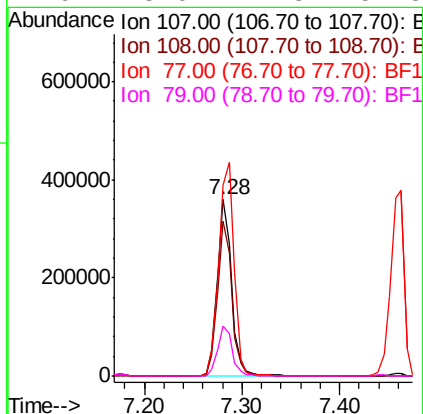
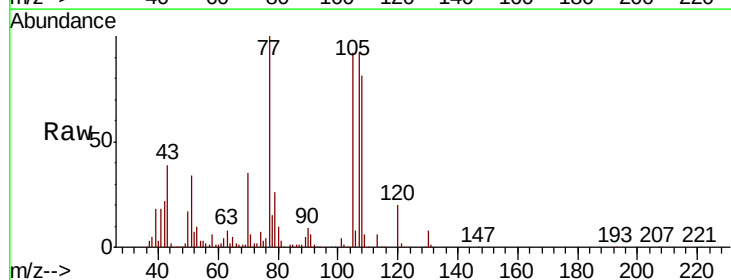
Instrument :
BNA_F
ClientSampleId :

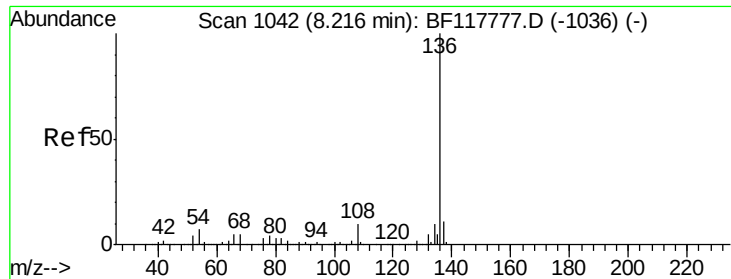
Tot Ion:	70	Resp:	230519
Ion	Ratio	Lower	Upper
70	100		
42	57.9	46.0	69.0
101	10.2	8.8	13.2
130	24.3	19.8	29.6



#20
3+4-Methylphenols
Concen: 45.704 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion:	107	Resp:	369270
Ion	Ratio	Lower	Upper
107	100		
108	87.9	71.9	111.9
77	108.1	91.6	131.6
79	28.0	11.3	51.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 491664

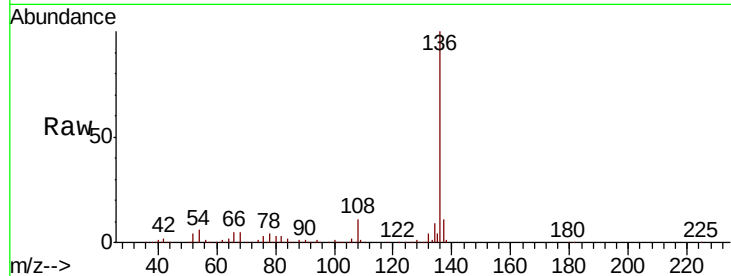
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 6.4 4.9 7.3

68 4.8 3.6 5.4

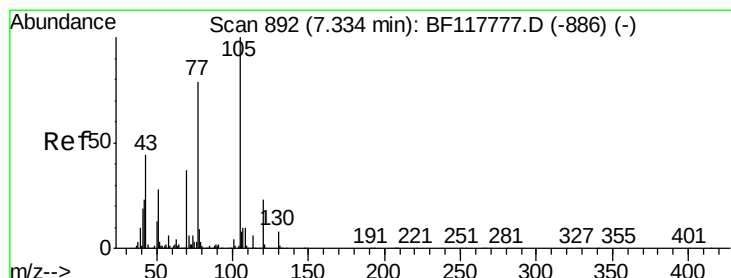
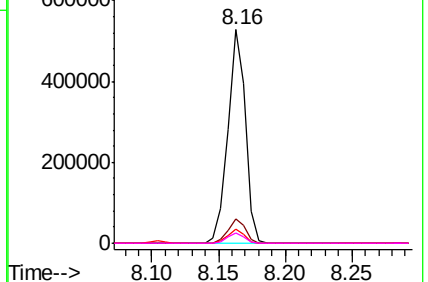
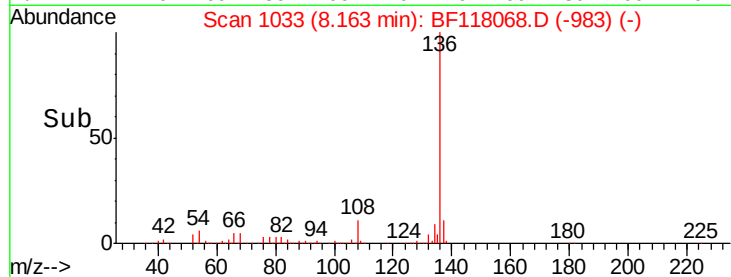


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.018 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Tgt Ion:105 Resp: 486231

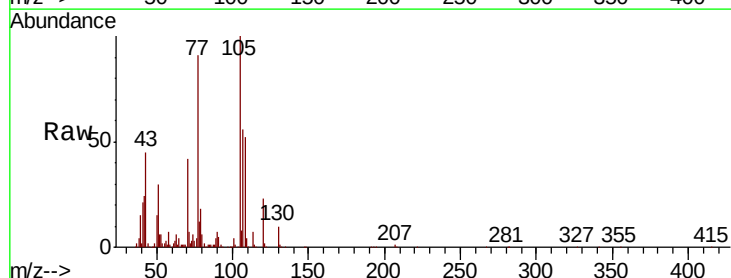
Ion Ratio Lower Upper

105 100

71 7.0 5.9 8.9

51 29.8 20.2 30.2

120 22.6 17.9 26.9

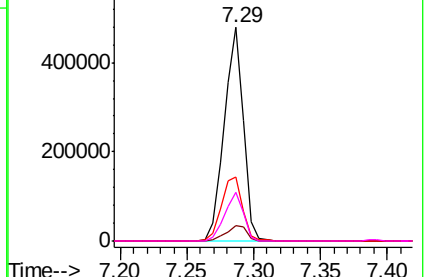
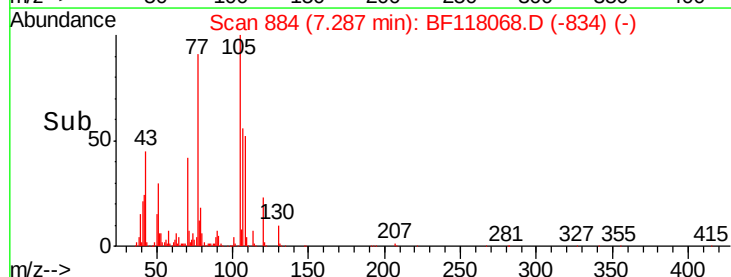


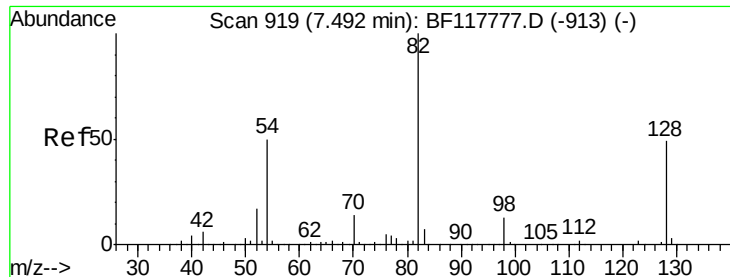
Abundance Ion 105.00 (104.70 to 105.70): E

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: 82.668 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

ClientSampled :

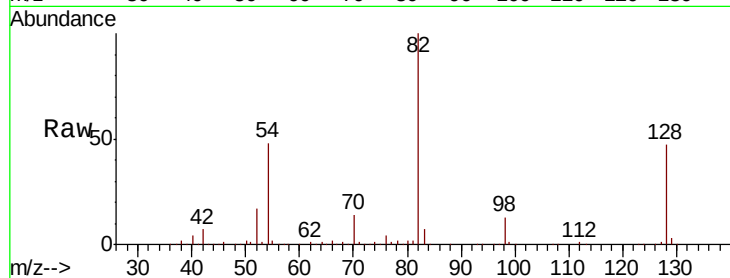
Tot Ion: 82 Resp: 683725

Ion Ratio Lower Upper

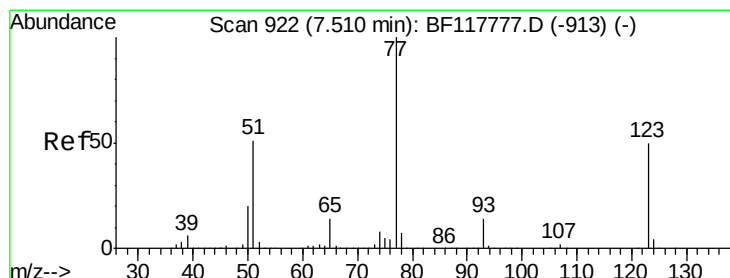
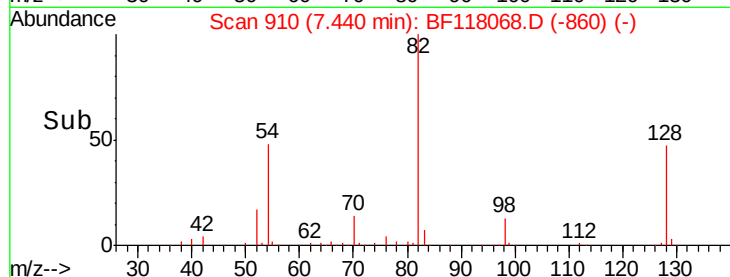
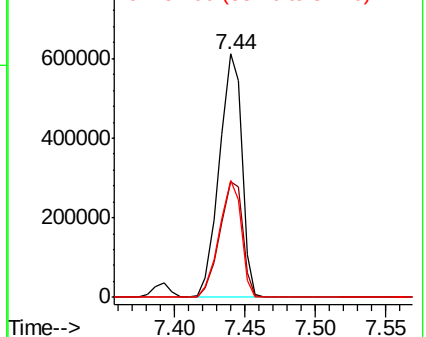
82 100

128 47.5 38.2 57.4

54 48.2 39.0 58.4



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



#24

Nitrobenzene

Concen: 42.000 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

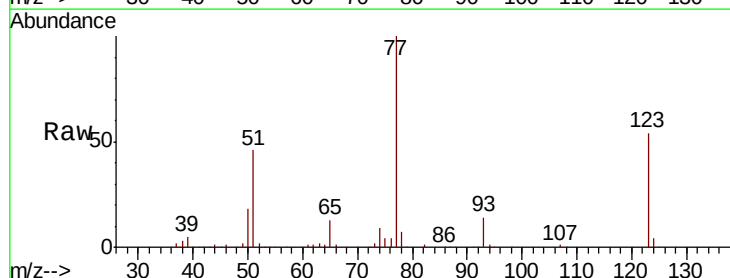
Tgt Ion: 77 Resp: 358359

Ion Ratio Lower Upper

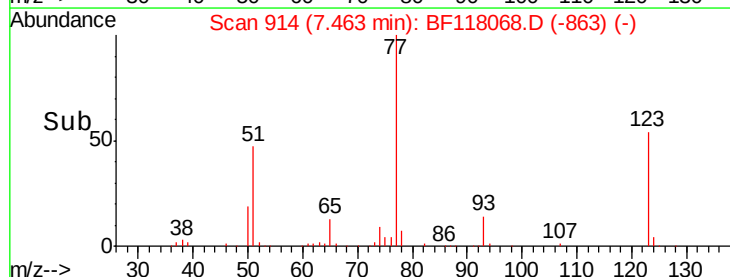
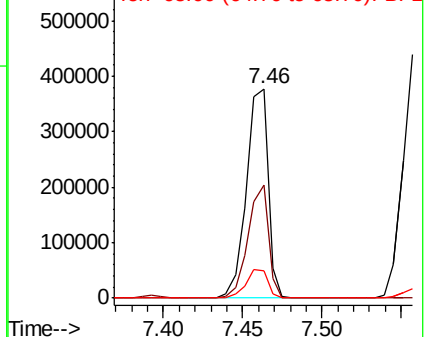
77 100

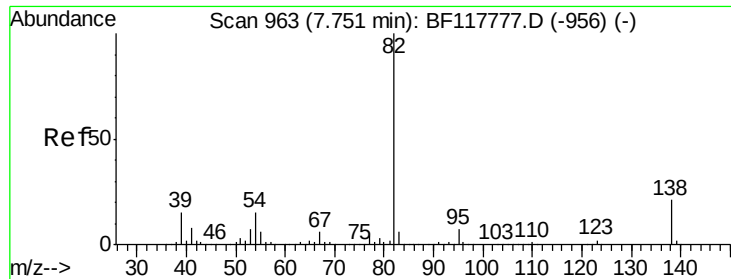
123 54.0 38.2 57.2

65 12.9 11.1 16.7



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





#25

Isophorone

Concen: 41.987 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

ClientSampleId :

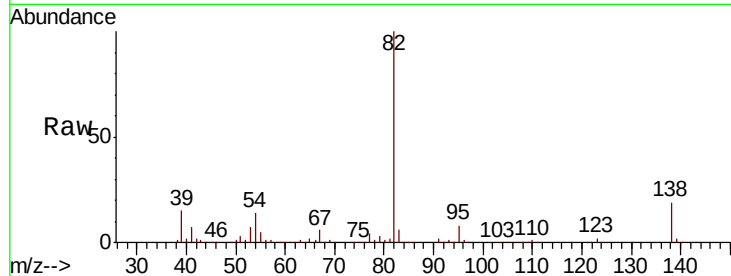
Tot Ion: 82 Resp: 636491

Ion Ratio Lower Upper

82 100

95 7.8 6.2 9.2

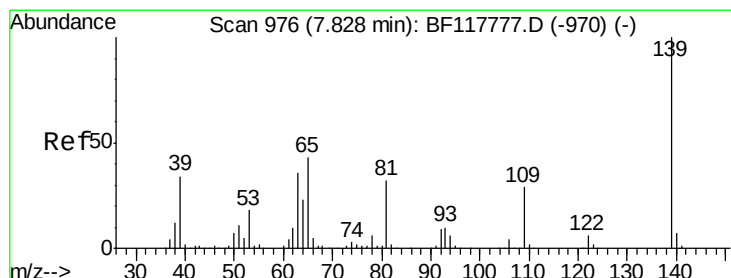
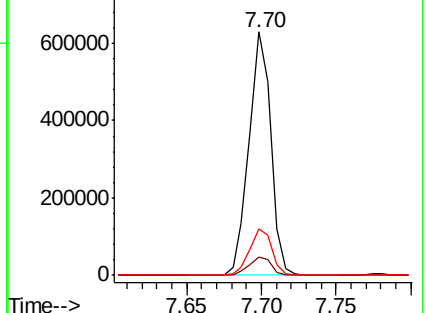
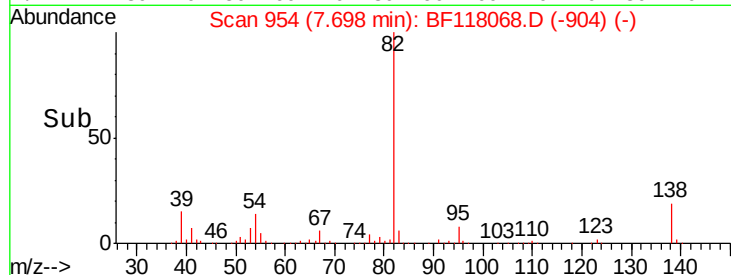
138 19.1 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.521 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

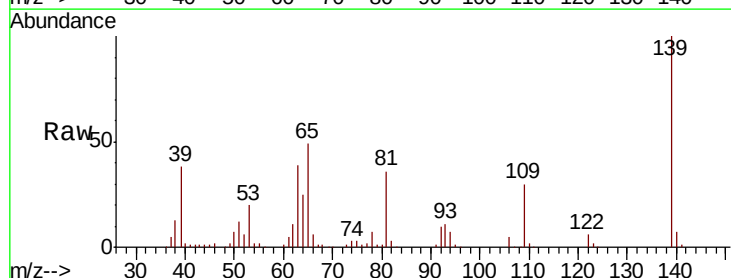
Tgt Ion: 139 Resp: 201506

Ion Ratio Lower Upper

139 100

109 30.2 23.8 35.6

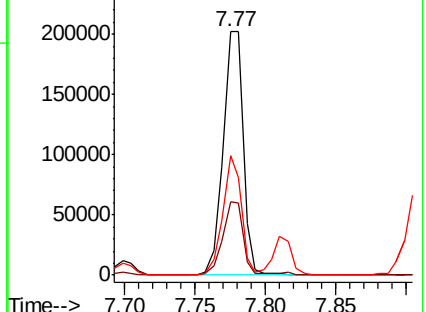
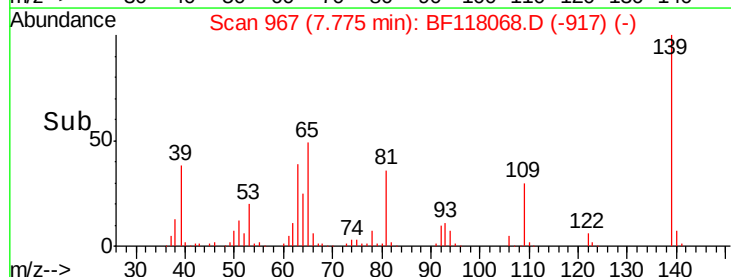
65 49.0 36.2 54.4

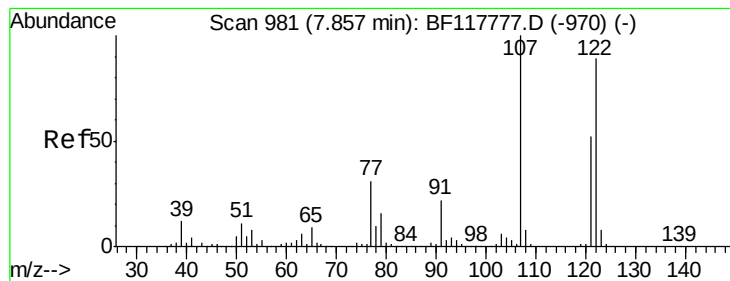


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 48.732 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

ClientSampled :

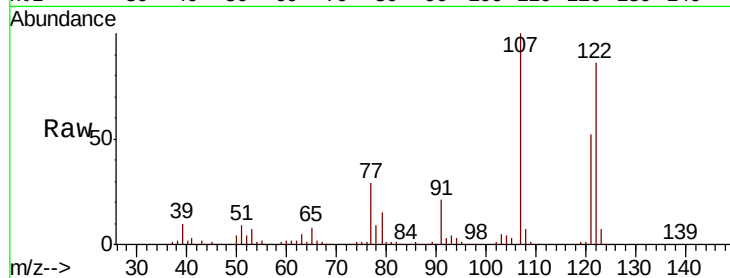
Tot Ion:122 Resp: 314479

Ion Ratio Lower Upper

122 100

107 116.4 92.6 138.8

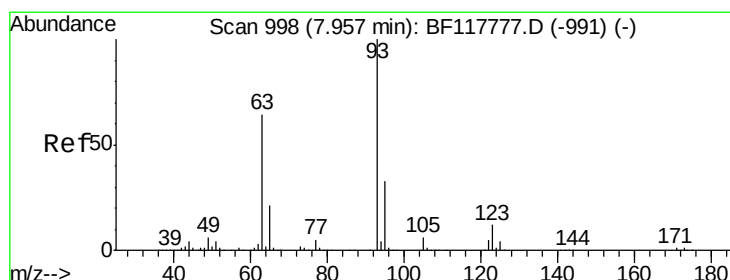
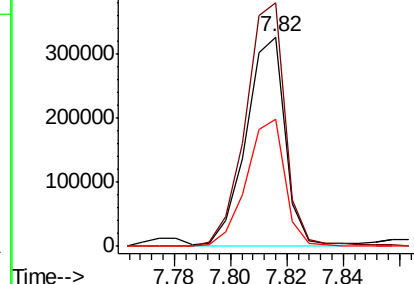
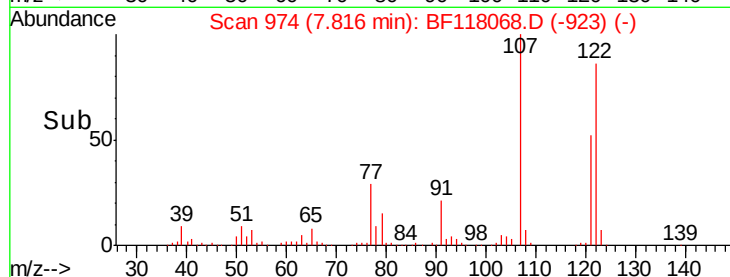
121 60.9 46.9 70.3



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: 41.301 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

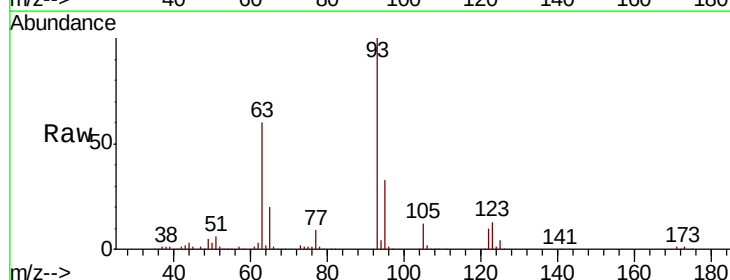
Tgt Ion: 93 Resp: 397293

Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

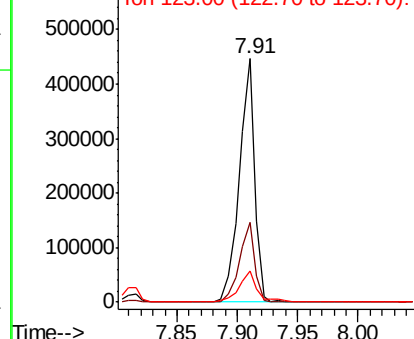
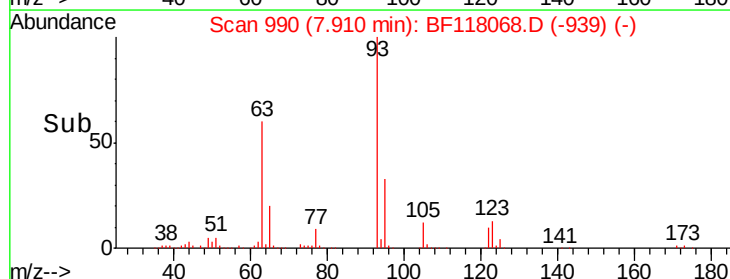
123 12.8 10.2 15.4

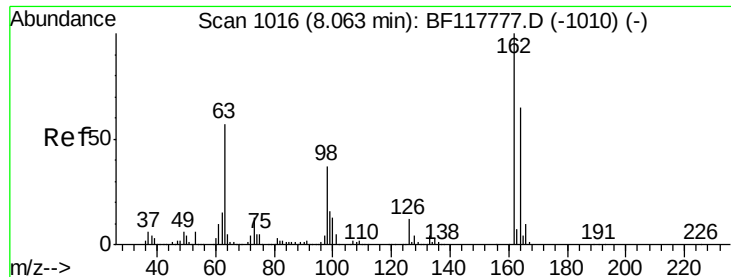


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

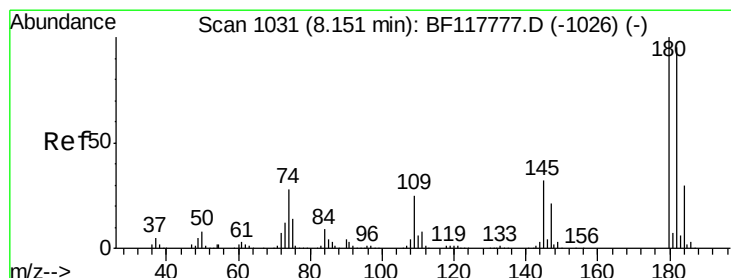
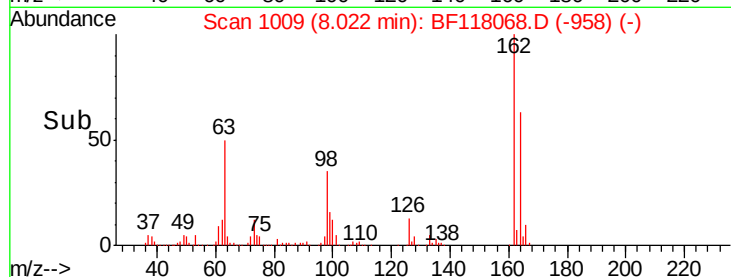
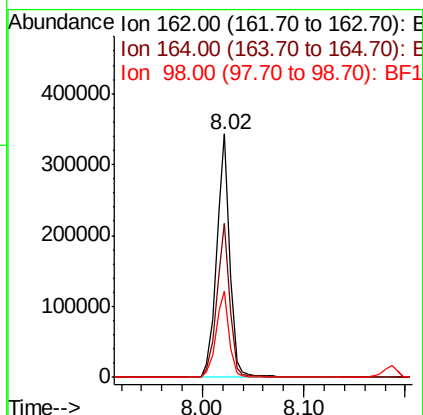
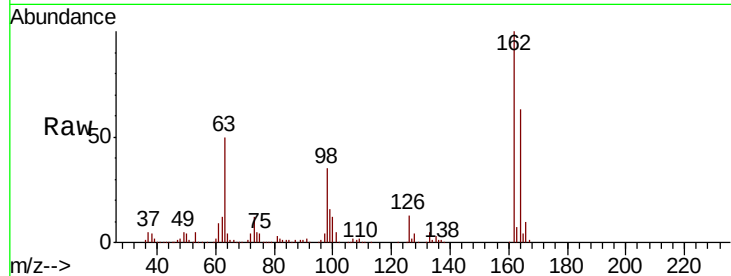




#29
2,4-Dichlorophenol
Concen: 43.984 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

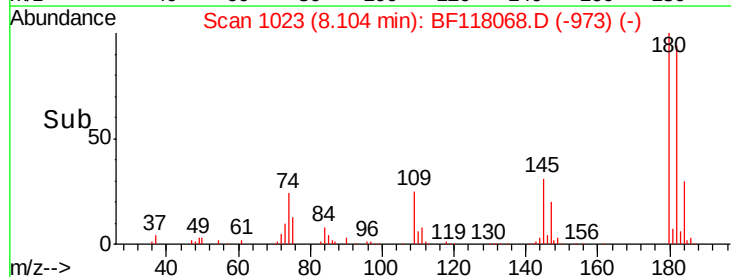
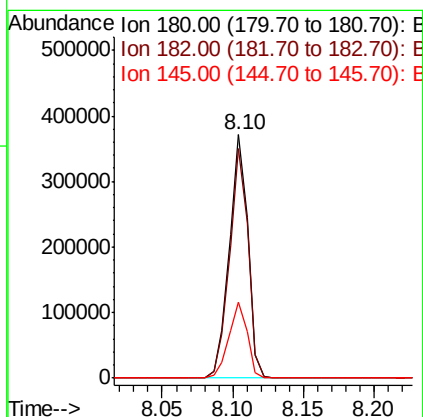
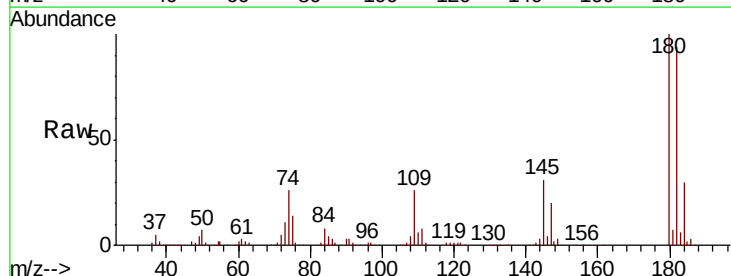
Instrument :
BNA_F
ClientSampleId :

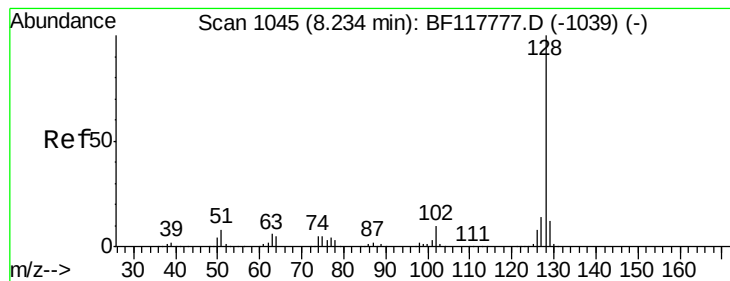
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.9	82.9
98	35.4	16.7	56.7



#30
1,2,4-Trichlorobenzene
Concen: 41.748 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.6	114.8
145	31.3	25.1	37.7





#31

Naphthalene

Concen: 46.216 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

ClientSampleId :

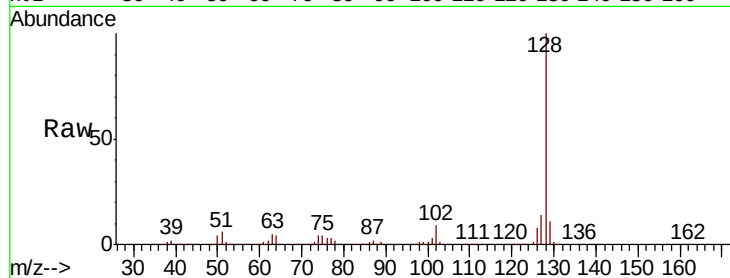
Tot Ion:128 Resp: 1059300

Ion Ratio Lower Upper

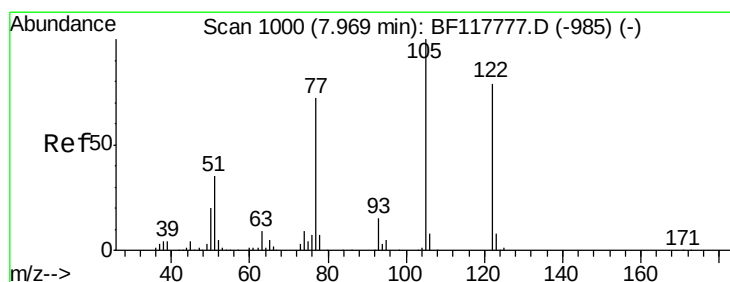
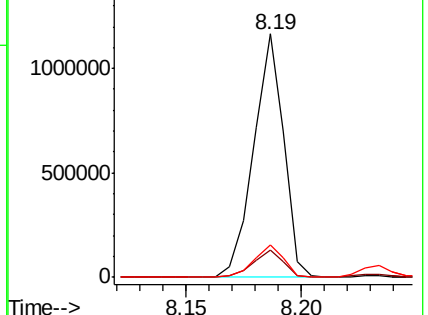
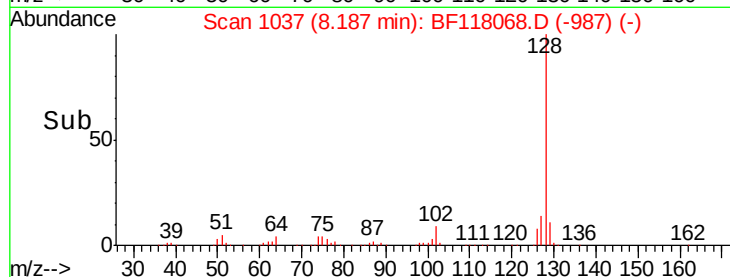
128 100

129 11.1 8.8 13.2

127 13.5 10.6 16.0



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



#32

Benzoic acid

Concen: 37.250 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

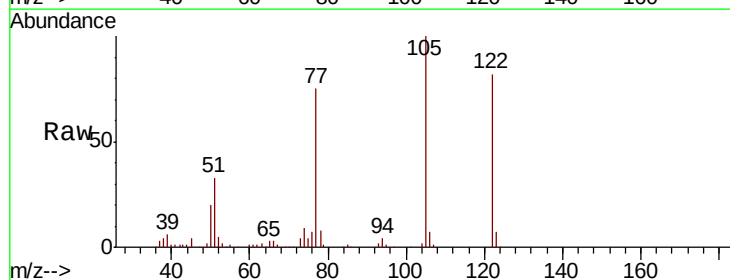
Tgt Ion:122 Resp: 201274

Ion Ratio Lower Upper

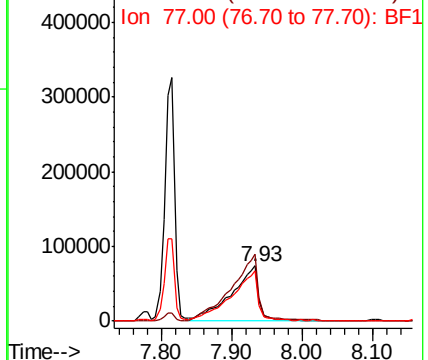
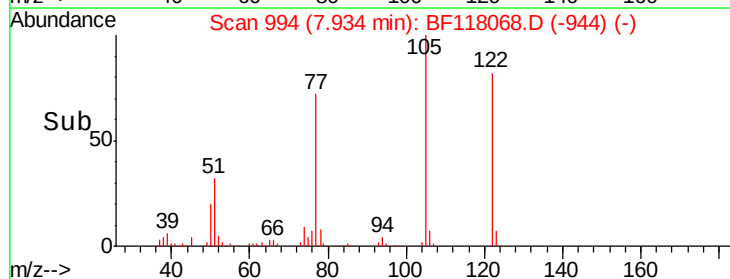
122 100

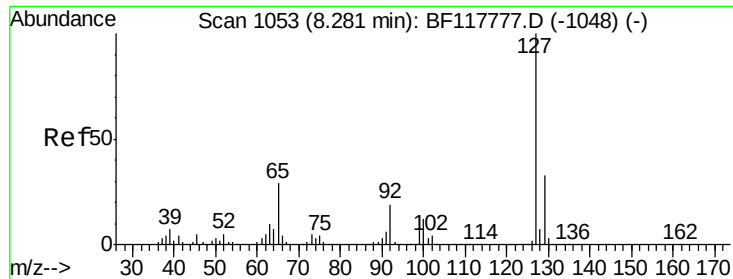
105 121.5 101.4 141.4

77 91.0 66.4 106.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

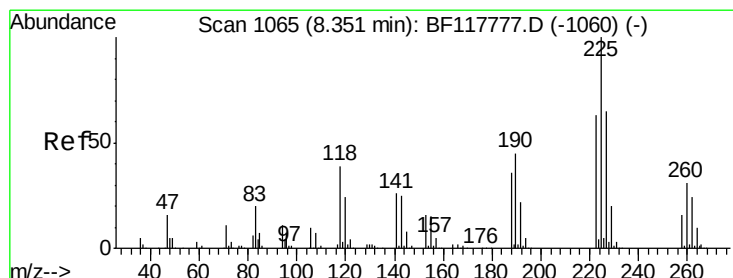
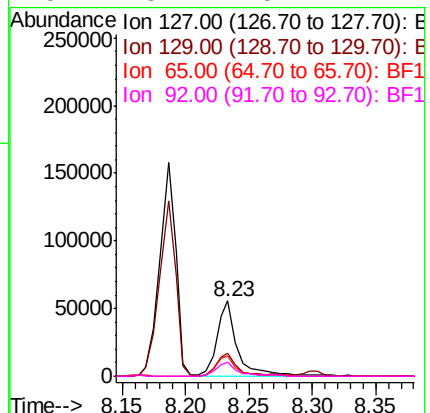
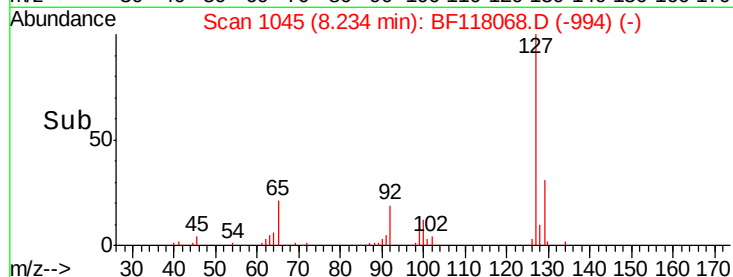
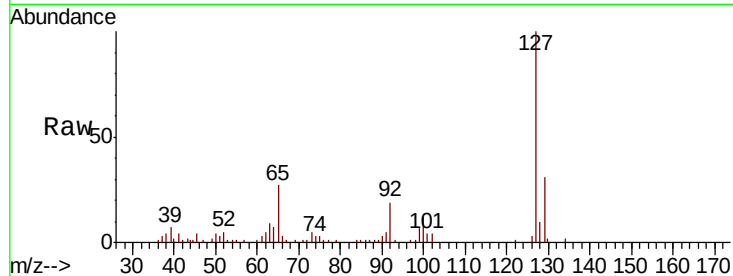




#33
4-Chloroaniline
Concen: 6.037 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

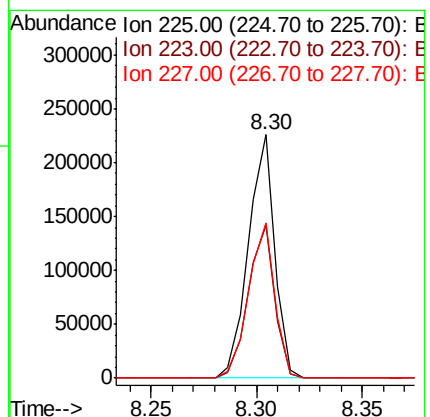
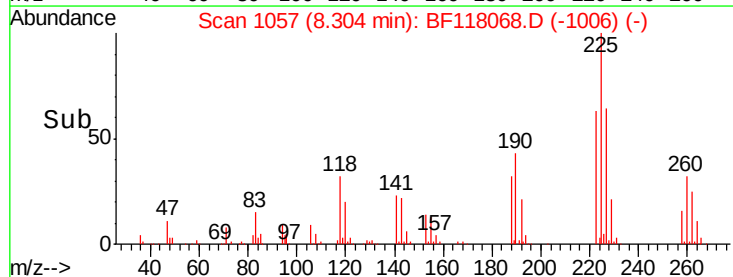
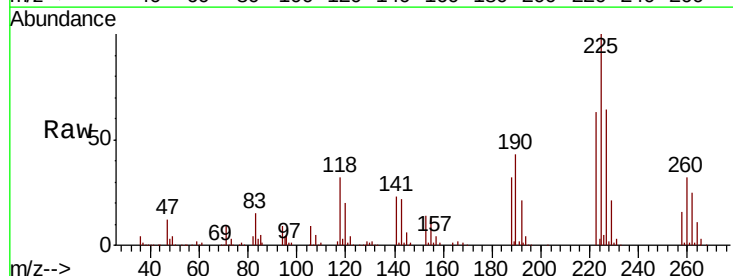
Instrument :
BNA_F
ClientSampled :

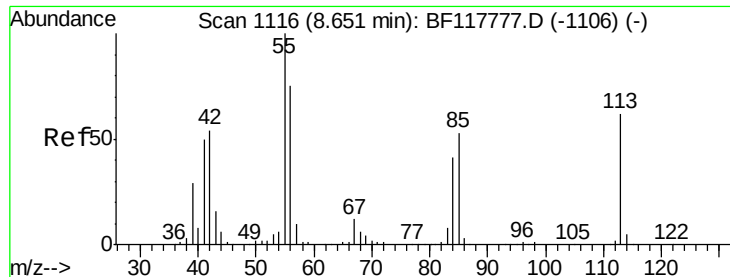
Tot Ion:	127	Resp:	61946
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.4	38.0
65	26.8	23.4	35.0
92	18.7	15.1	22.7



#34
Hexachlorobutadiene
Concen: 41.227 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion:	225	Resp:	195711
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.4	77.2
227	63.7	52.6	78.8

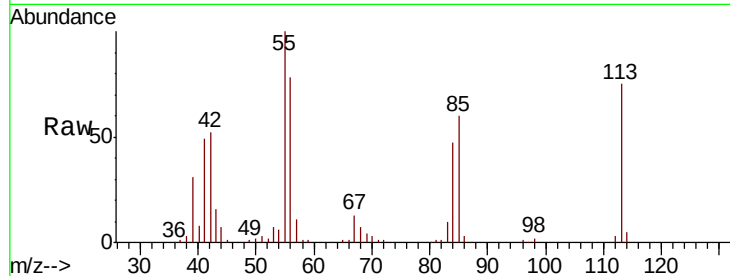




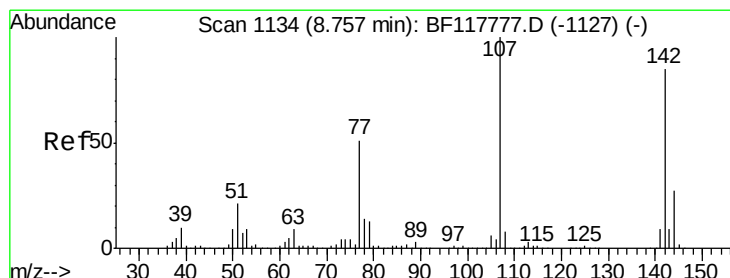
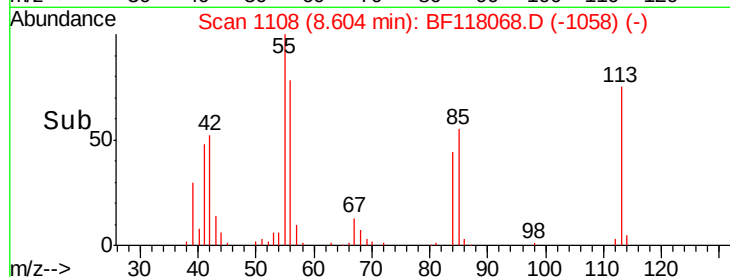
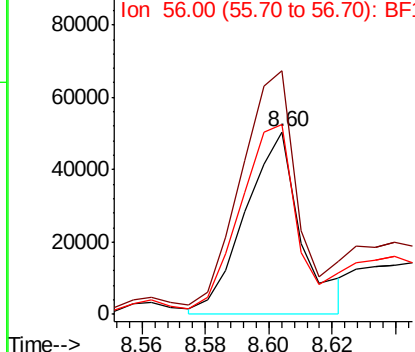
#35
Caprolactam
Concen: 27.710 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 61645
Ion Ratio Lower Upper
113 100
55 133.4 125.5 165.5
56 104.1 88.0 128.0

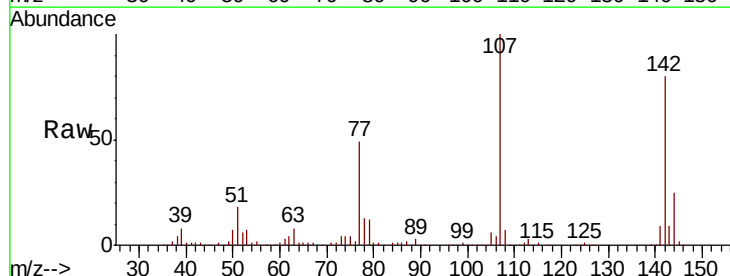


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

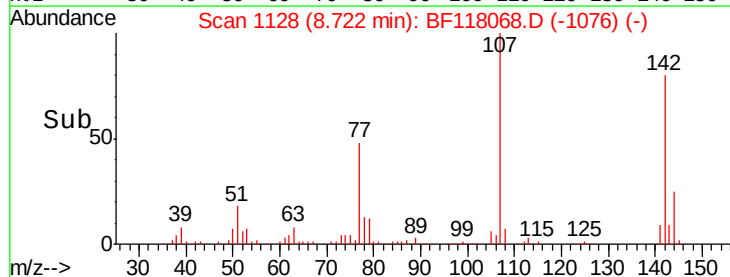
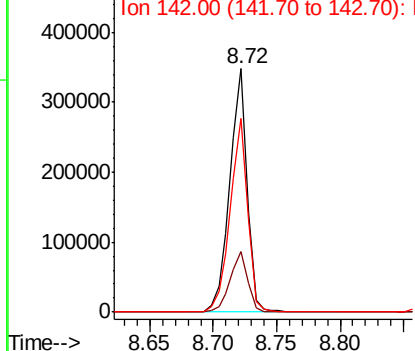


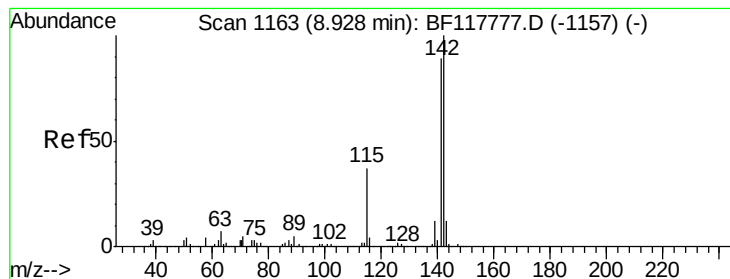
#36
4-Chloro-3-methylphenol
Concen: 46.354 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion:107 Resp: 329298
Ion Ratio Lower Upper
107 100
144 24.9 20.6 30.8
142 79.8 62.5 93.7



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





#37

2-Methylnaphthalene

Concen: 46.741 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

ClientSampleId :

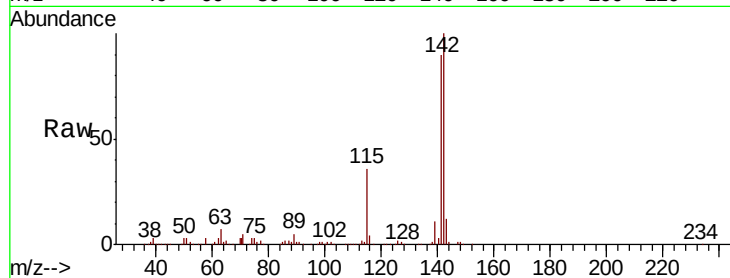
Tot Ion:142 Resp: 723870

Ion Ratio Lower Upper

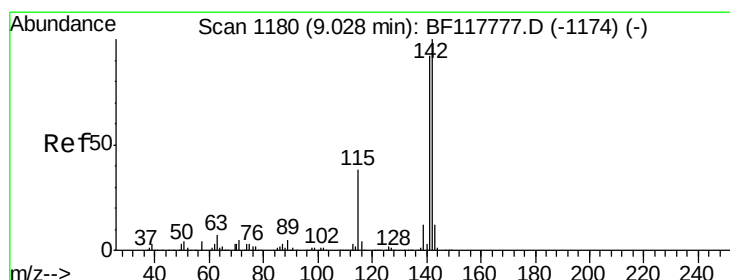
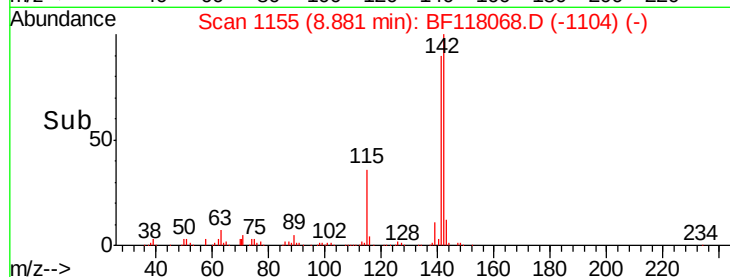
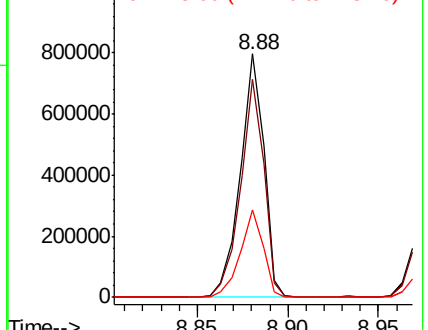
142 100

141 89.5 70.2 105.4

115 35.7 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: 45.721 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

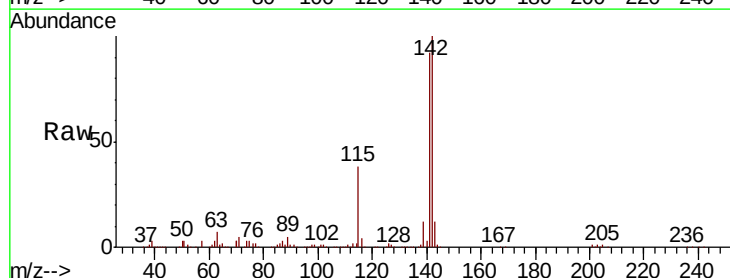
Tgt Ion:142 Resp: 669408

Ion Ratio Lower Upper

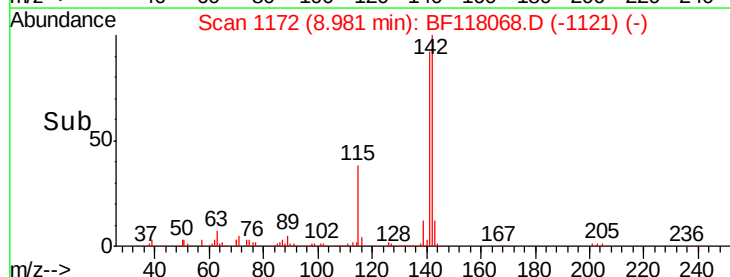
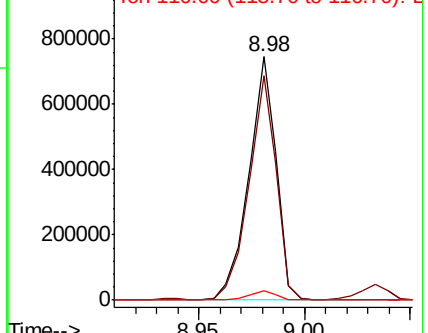
142 100

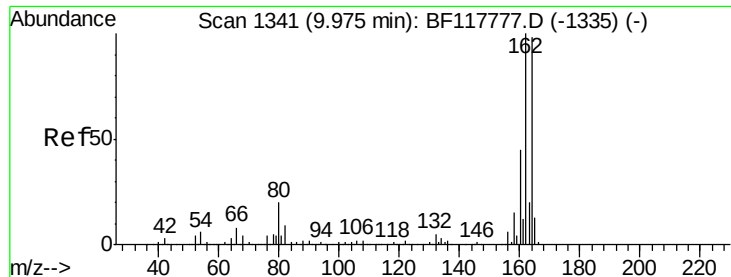
141 92.1 73.6 110.4

116 4.0 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

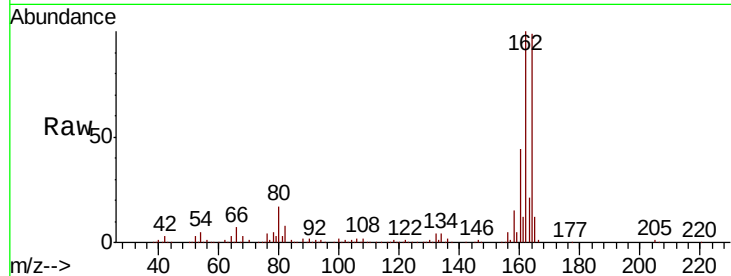




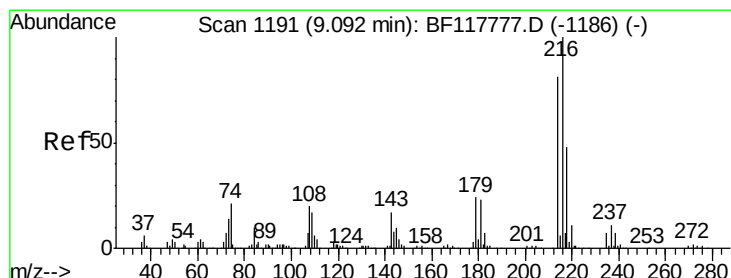
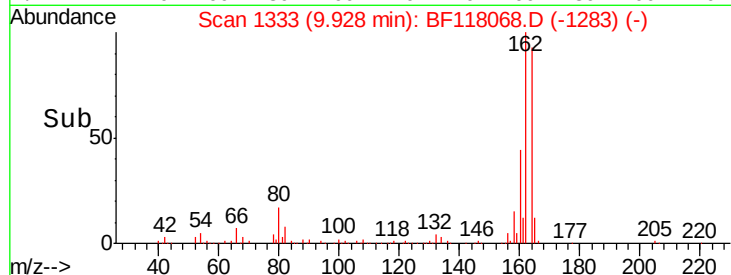
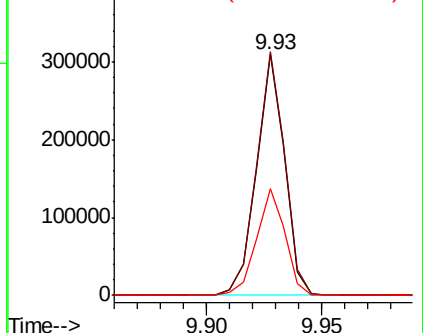
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF118068.D
 Acq: 3 Dec 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 262882
 Ion Ratio Lower Upper
 164 100
 162 101.2 81.8 122.8
 160 44.4 35.9 53.9

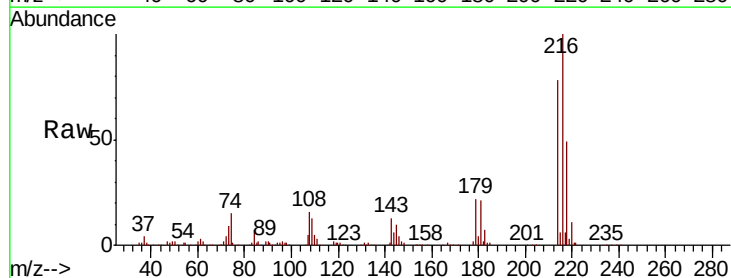


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

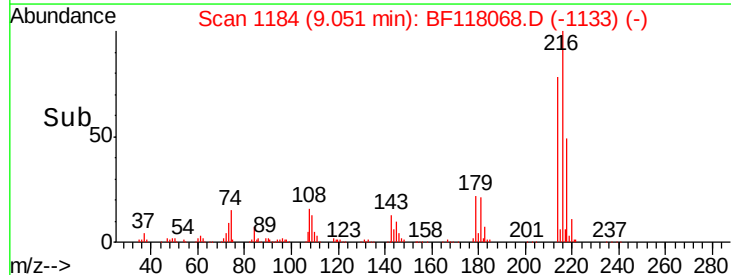
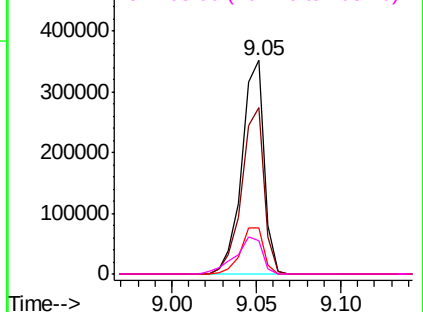


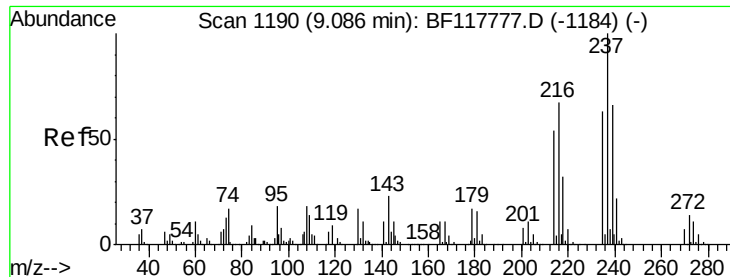
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.456 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF118068.D
 Acq: 3 Dec 2019 18:01

Tgt Ion:216 Resp: 324122
 Ion Ratio Lower Upper
 216 100
 214 78.1 63.0 94.4
 179 22.9 18.5 27.7
 108 21.0 15.4 23.2



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

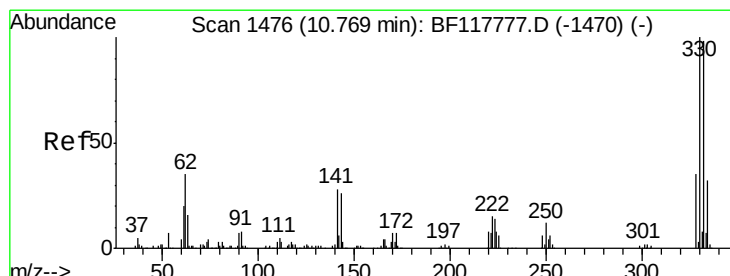
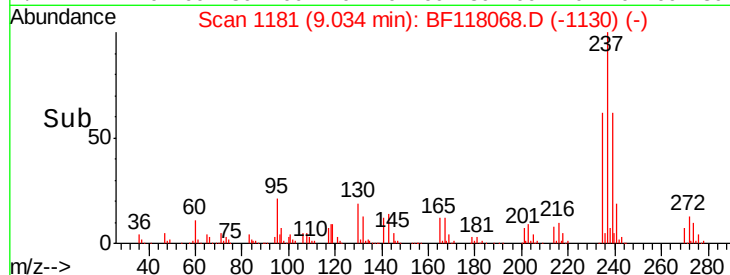
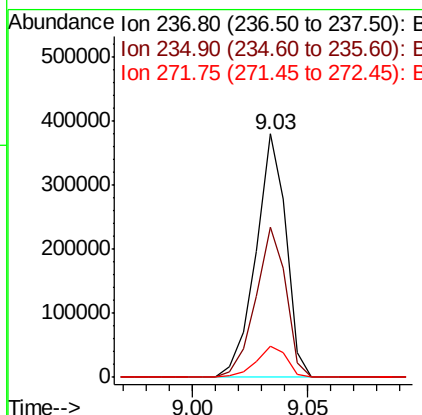
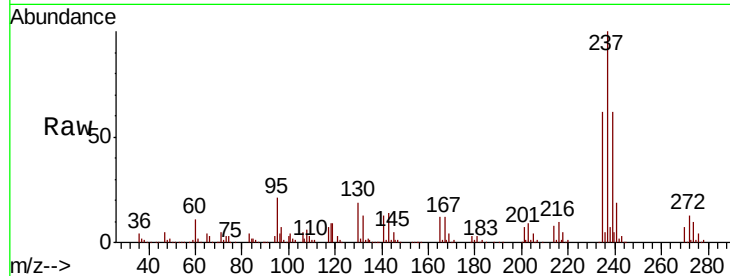




#41
Hexachlorocyclopentadiene
Concen: 80.670 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

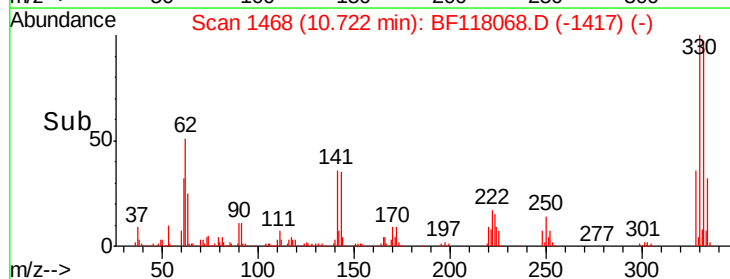
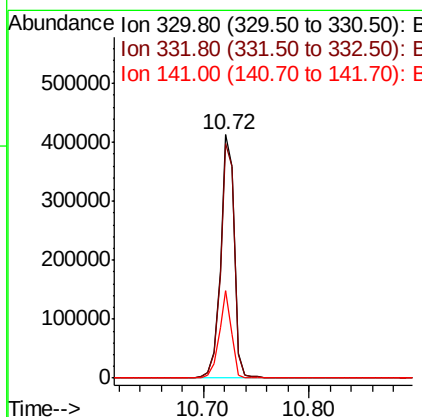
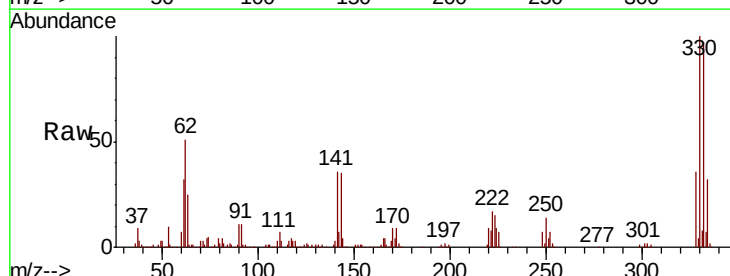
Instrument :
BNA_F
ClientSampleId :

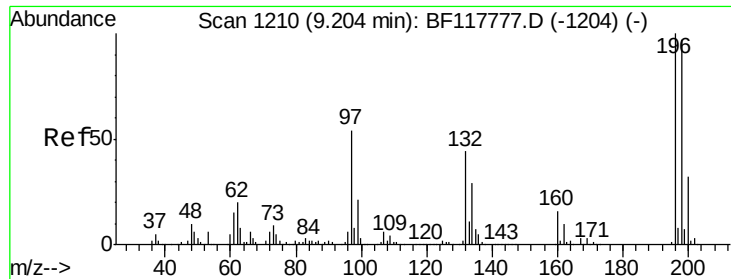
Tot Ion	Ratio	Lower	Upper
237	100		
235	61.7	43.7	83.7
272	12.5	0.0	32.7



#42
2,4,6-Tribromophenol
Concen: 135.649 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.3	117.5
141	32.9	26.4	39.6

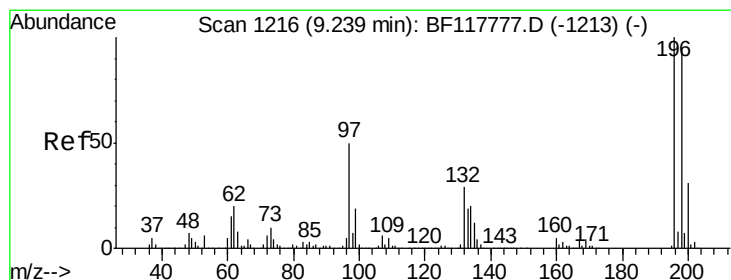
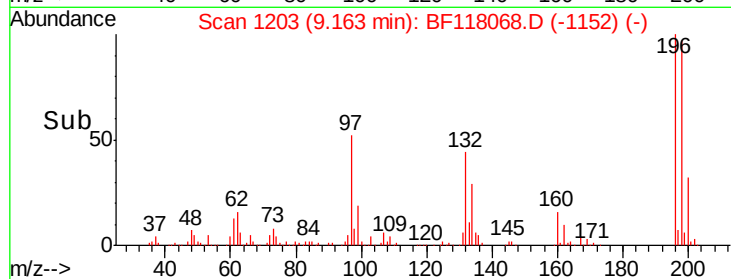
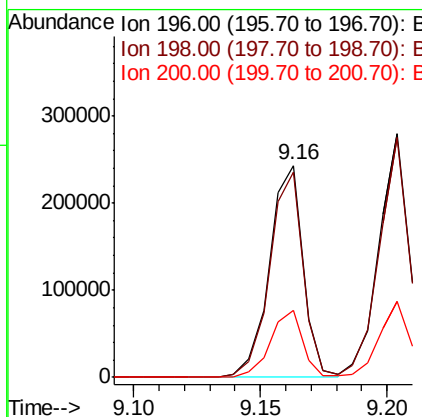
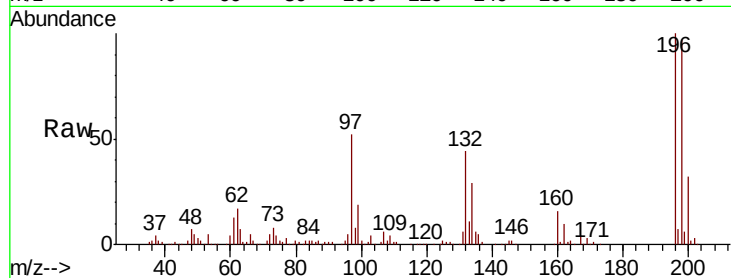




#43
 2,4,6-Trichlorophenol
 Concen: 41.013 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF118068.D
 Acq: 3 Dec 2019 18:01

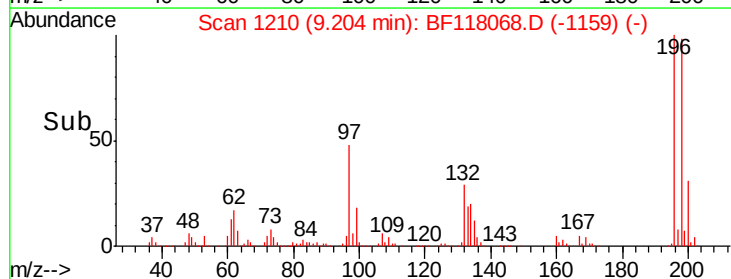
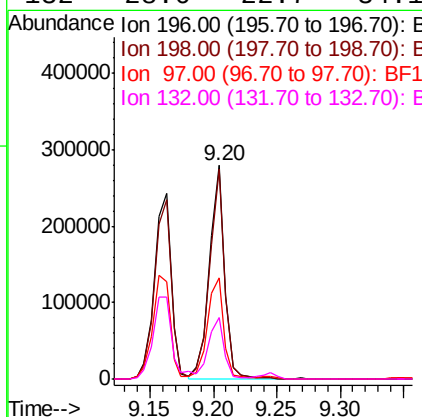
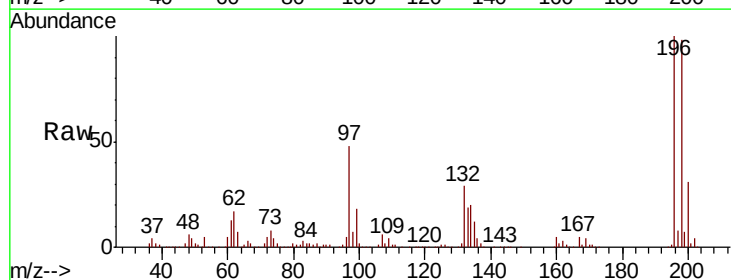
Instrument :
 BNA_F
 ClientSampled :

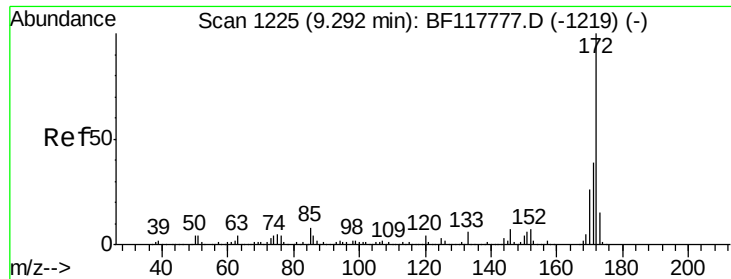
Tot Ion	196	Resp	224266
Ion Ratio	Lower	Upper	
196	100		
198	96.8	76.9	115.3
200	31.7	24.2	36.4



#44
 2,4,5-Trichlorophenol
 Concen: 42.109 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF118068.D
 Acq: 3 Dec 2019 18:01

Tgt Ion	196	Resp	239072
Ion Ratio	Lower	Upper	
196	100		
198	98.3	78.1	117.1
97	47.7	37.4	56.2
132	28.6	22.7	34.1

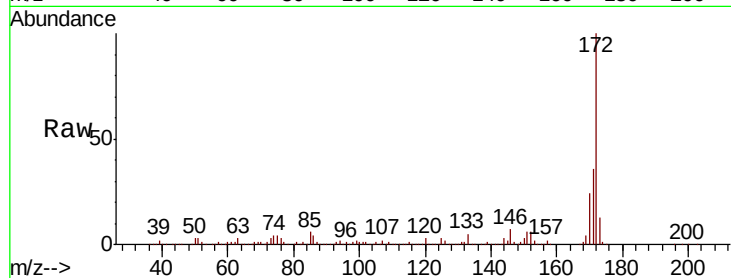




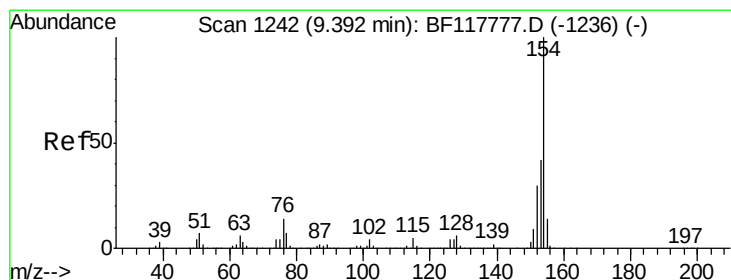
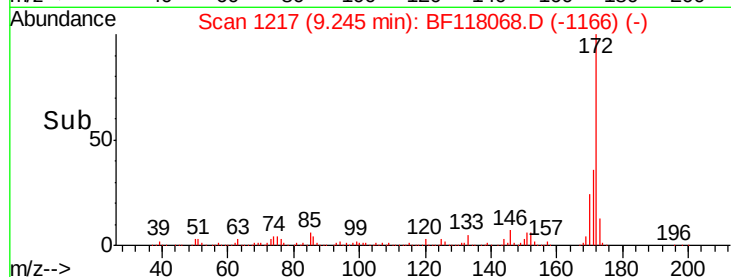
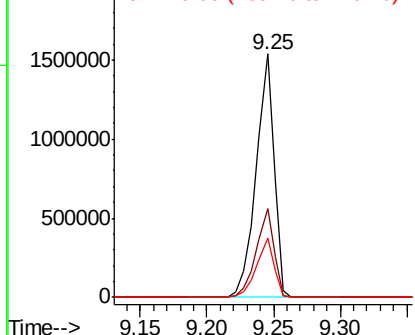
#45
2-Fluorobiphenyl
Concen: 95.632 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1401304
Ion Ratio Lower Upper
172 100
171 36.5 29.2 43.8
170 24.1 19.3 28.9

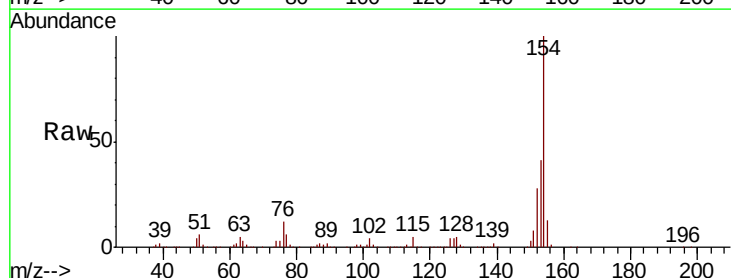


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

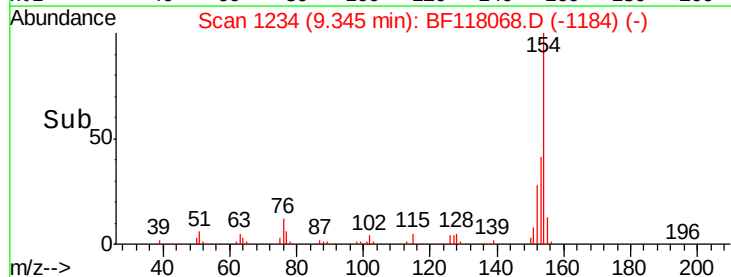
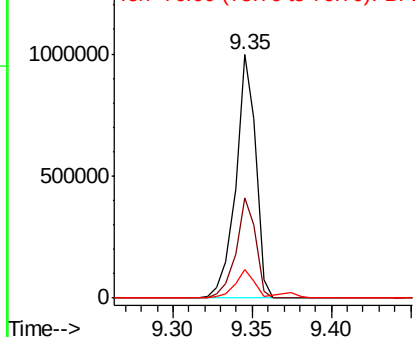


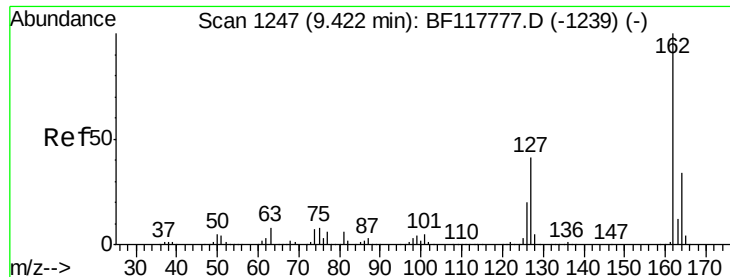
#46
1,1'-Biphenyl
Concen: 44.600 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion:154 Resp: 869857
Ion Ratio Lower Upper
154 100
153 41.2 21.1 61.1
76 11.9 0.0 30.8



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

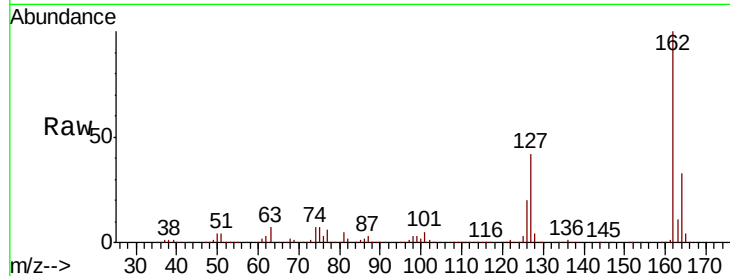




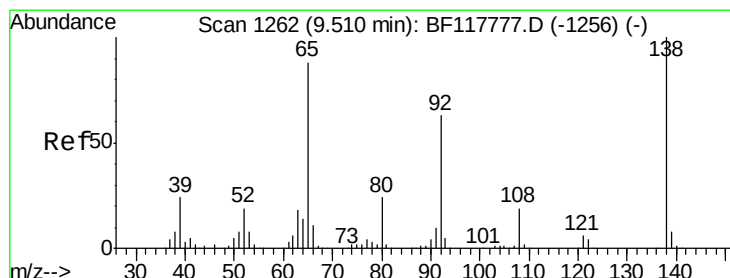
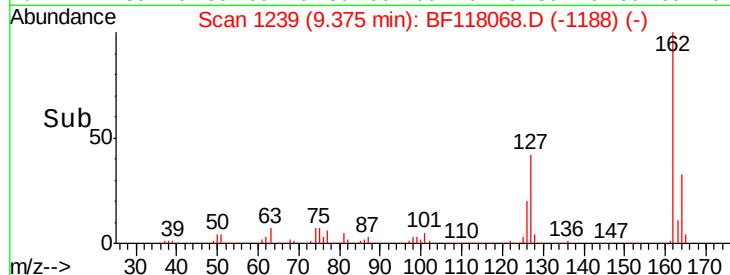
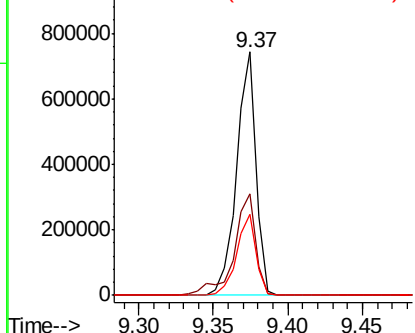
#47
 2-Chloronaphthalene
 Concen: 42.146 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BF118068.D
 Acq: 3 Dec 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 676212
 Ion Ratio Lower Upper
 162 100
 127 41.6 34.6 52.0
 164 33.5 26.0 39.0

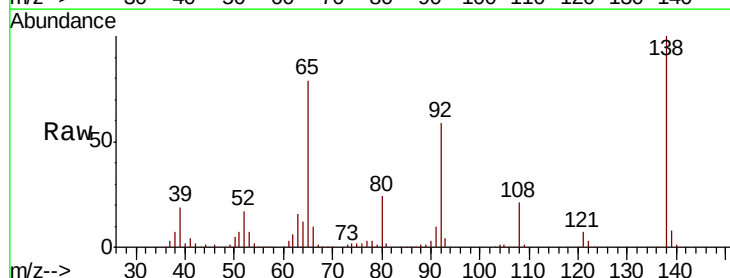


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

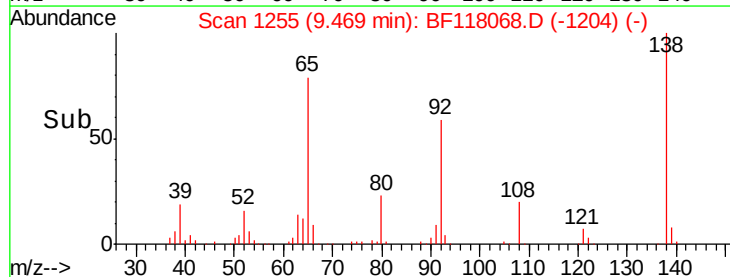
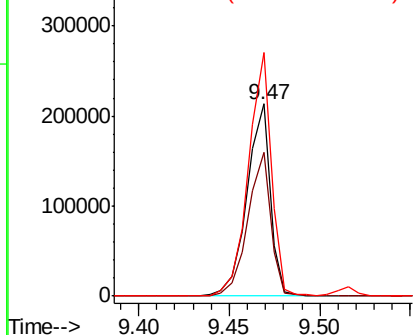


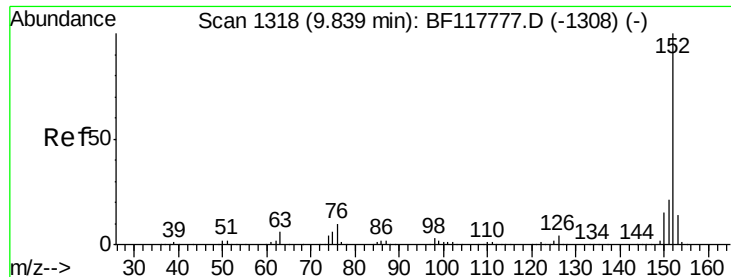
#48
 2-Nitroaniline
 Concen: 39.524 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF118068.D
 Acq: 3 Dec 2019 18:01

Tgt Ion: 65 Resp: 191449
 Ion Ratio Lower Upper
 65 100
 92 74.9 57.9 86.9
 138 126.8 96.2 144.2



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: 46.754 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

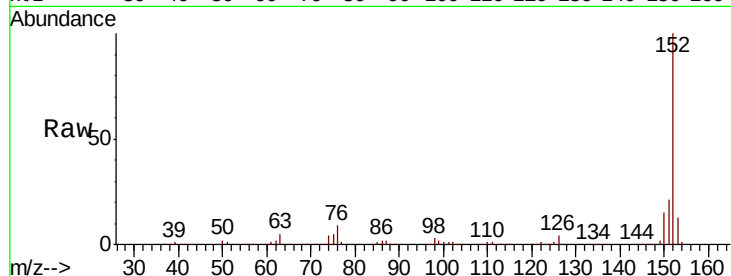
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1093681

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.7	25.1
153	13.3	11.1	16.7

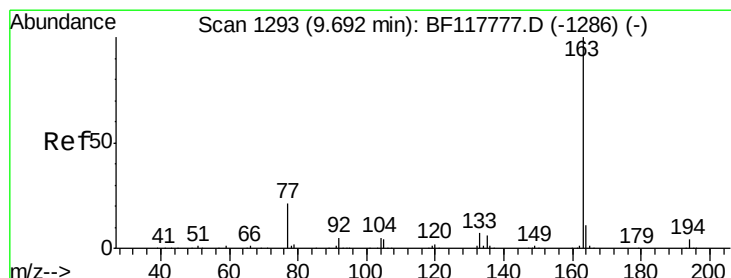
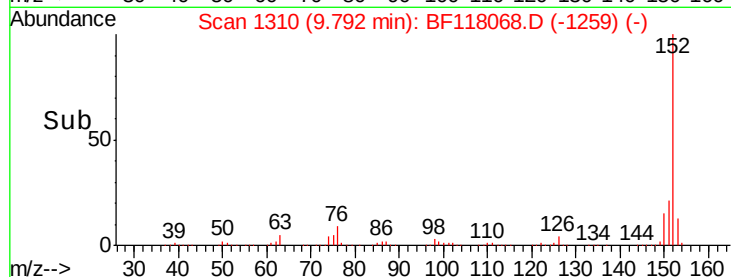
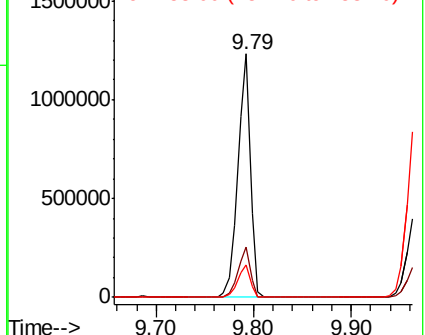


Abundance

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: 50.496 ng

RT: 9.65 min Scan# 1285

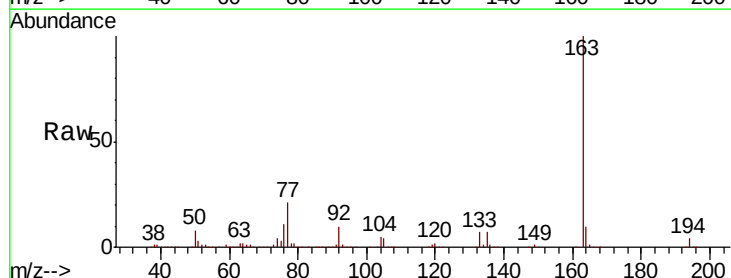
Delta R.T. -0.01 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Tgt Ion:163 Resp: 930871

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.5	7.9	11.9

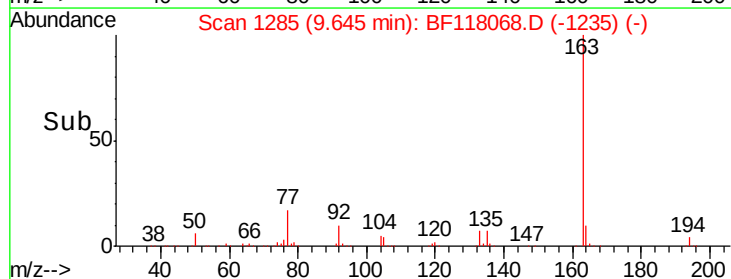
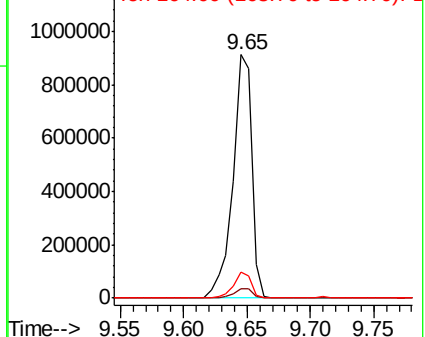


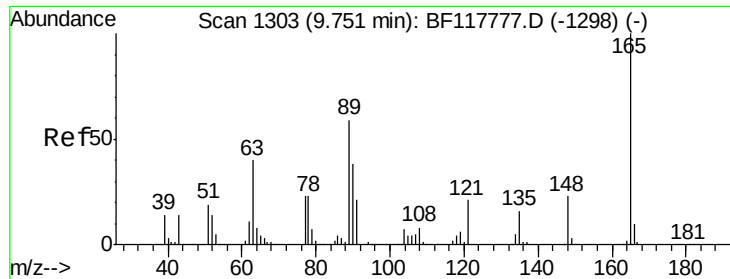
Abundance

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: 46.100 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

ClientSampled :

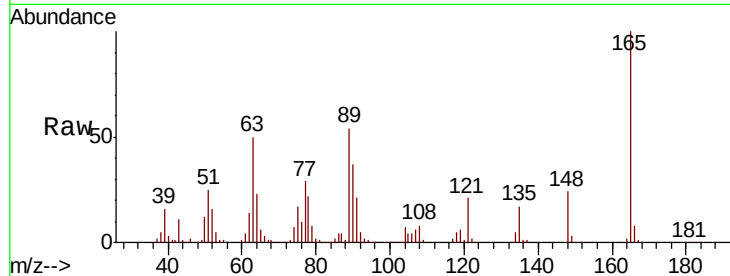
Tot Ion:165 Resp: 185733

Ion Ratio Lower Upper

165 100

63 50.3 43.9 65.9

89 53.7 45.5 68.3

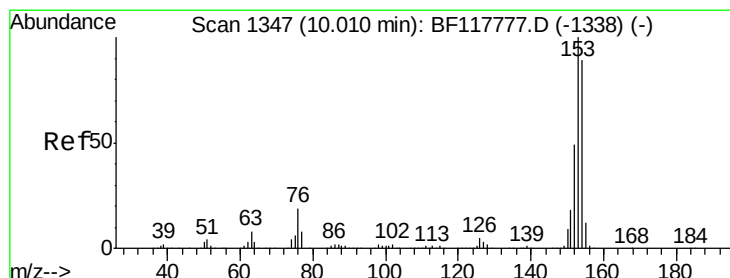
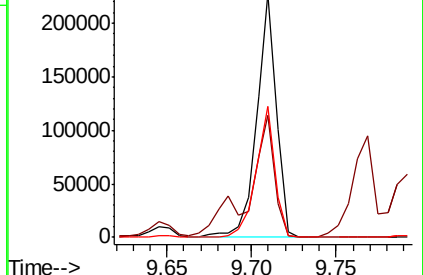
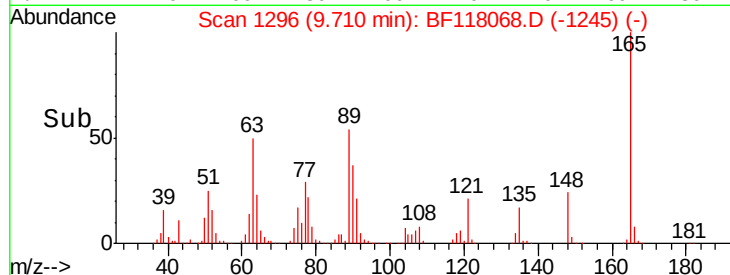


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



#52

Acenaphthene

Concen: 42.279 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

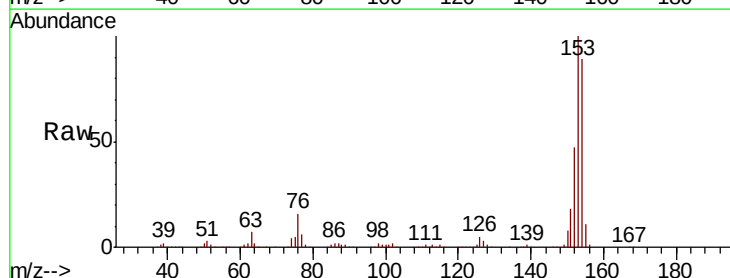
Tgt Ion:154 Resp: 633546

Ion Ratio Lower Upper

154 100

153 112.4 91.2 136.8

152 53.0 43.6 65.4

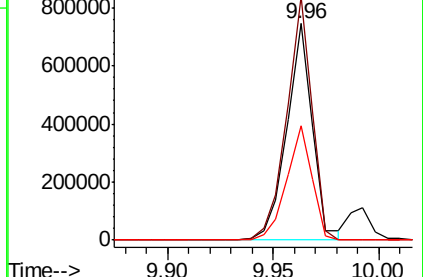
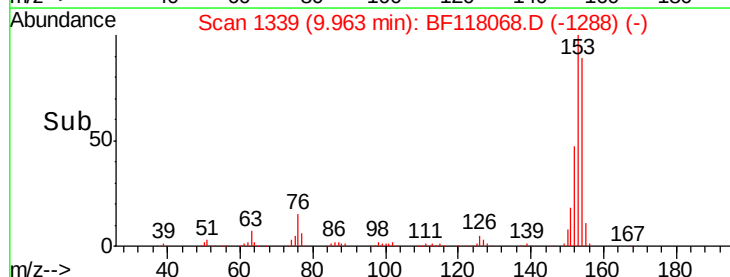


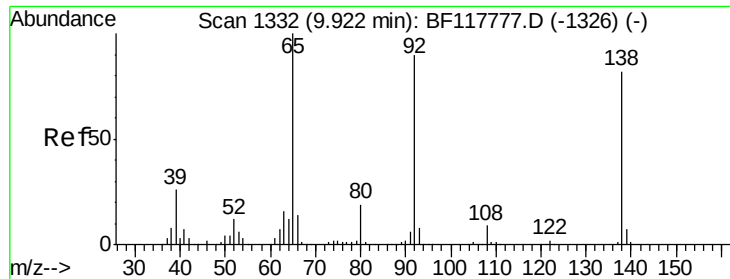
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->

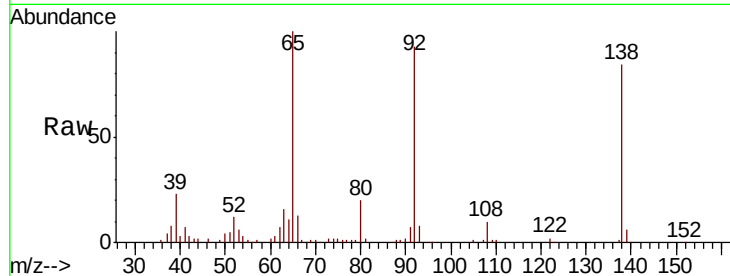




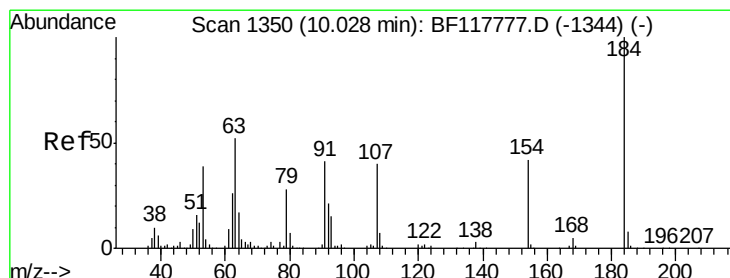
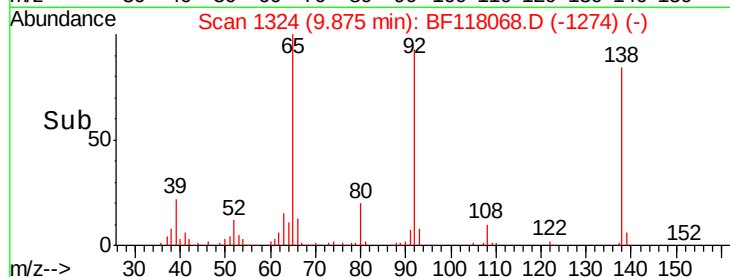
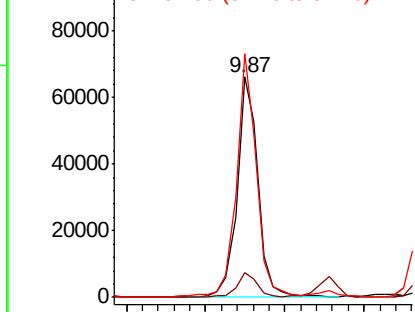
#53
3-Nitroaniline
Concen: 12.522 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 60368
Ion Ratio Lower Upper
138 100
108 11.5 8.7 13.1
92 110.4 87.4 131.0

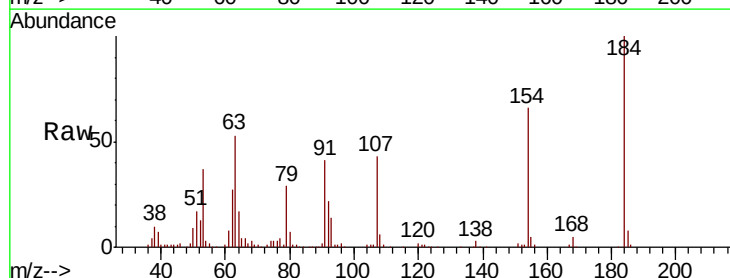


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

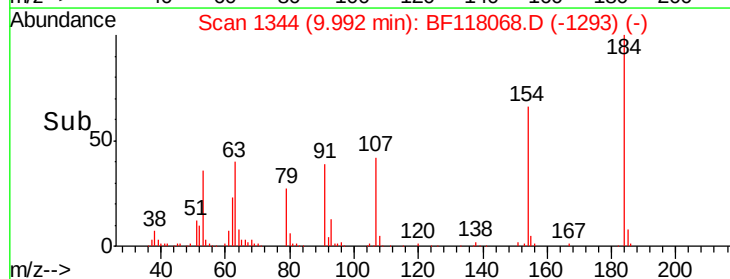
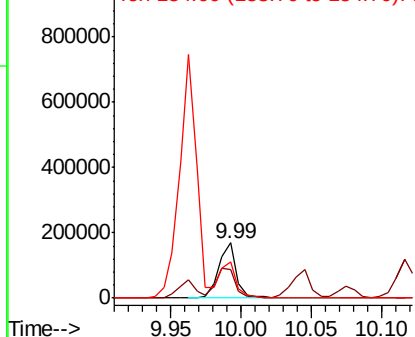


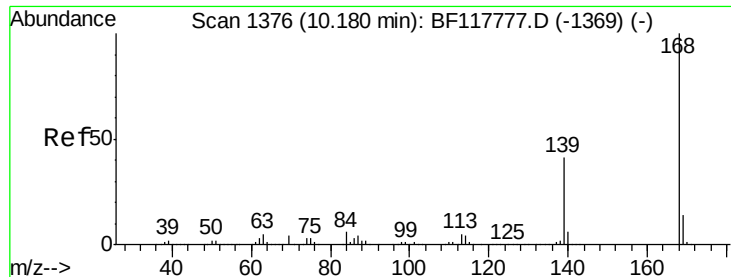
#54
2,4-Dinitrophenol
Concen: 73.406 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion:184 Resp: 150603
Ion Ratio Lower Upper
184 100
63 52.8 45.3 67.9
154 65.6 51.6 77.4



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

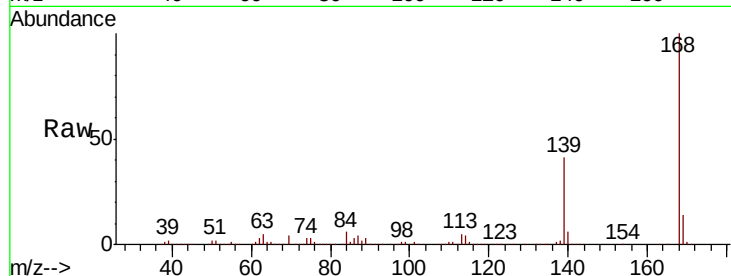




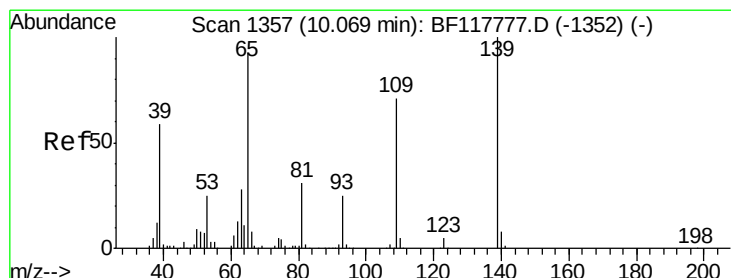
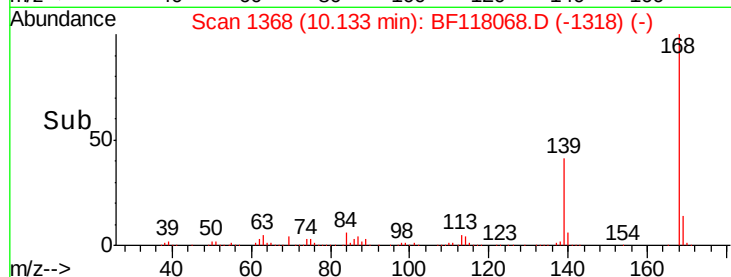
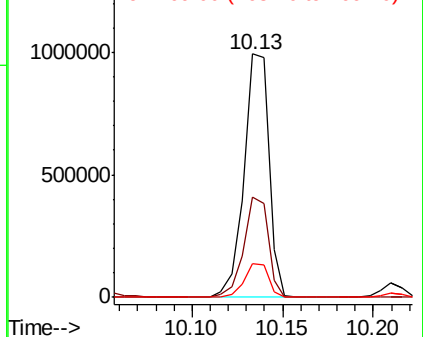
#55
Dibenzenofuran
Concen: 45.876 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 951954
Ion Ratio Lower Upper
168 100
139 41.2 32.5 48.7
169 13.7 10.8 16.2

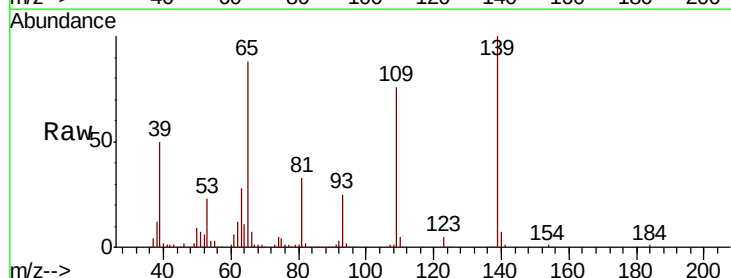


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

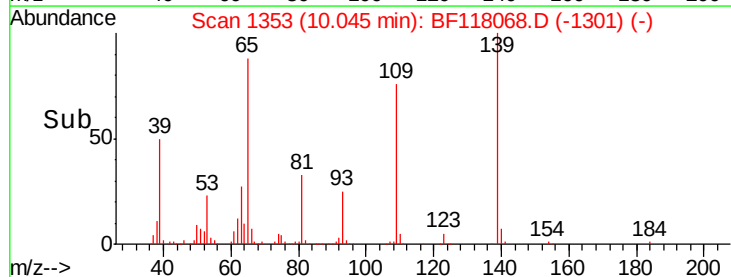
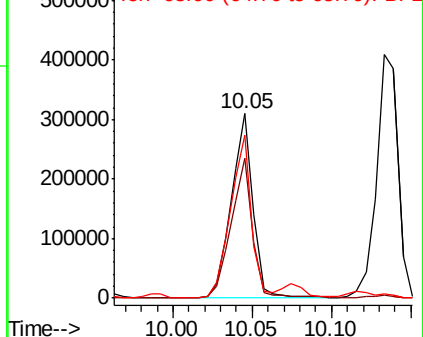


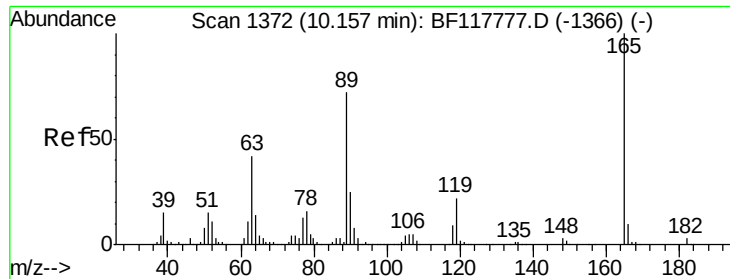
#56
4-Nitrophenol
Concen: 82.119 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion:139 Resp: 295503
Ion Ratio Lower Upper
139 100
109 76.1 55.2 95.2
65 88.0 68.7 108.7



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

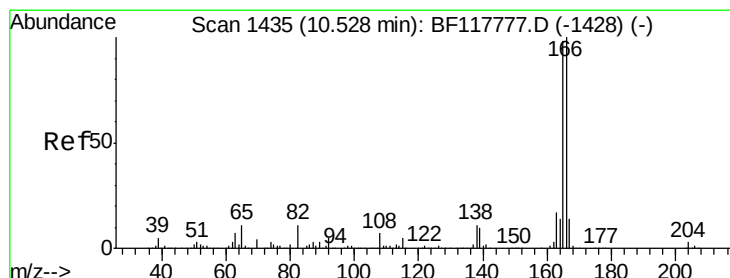
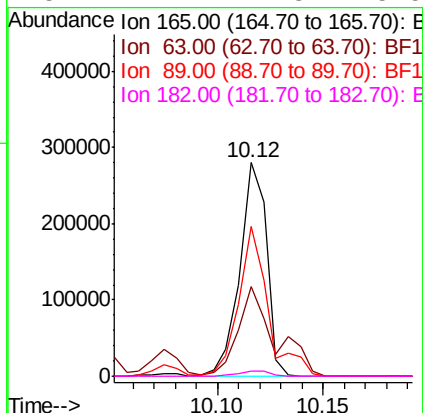
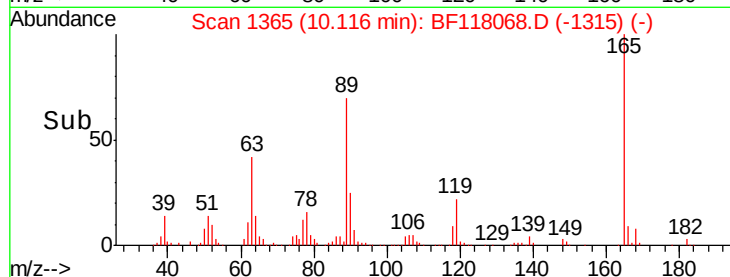
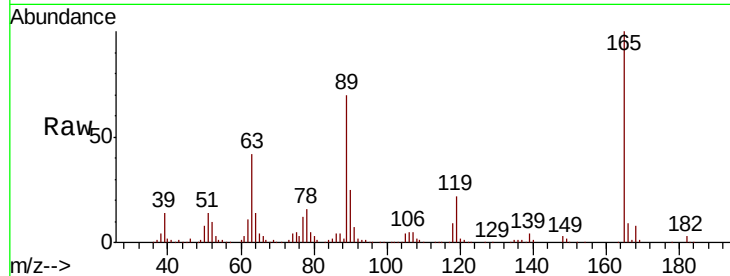




#57
2,4-Dinitrotoluene
Concen: 47.945 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

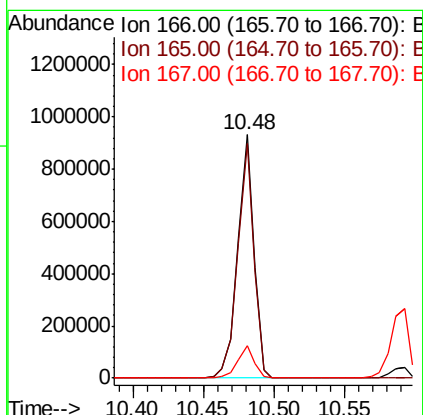
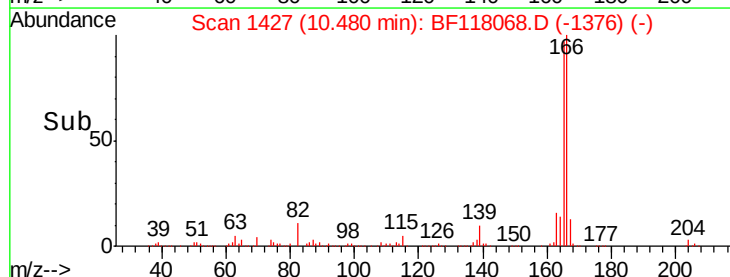
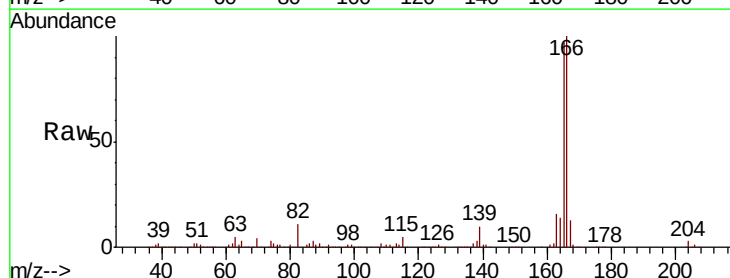
Instrument :
BNA_F
ClientSampleId :

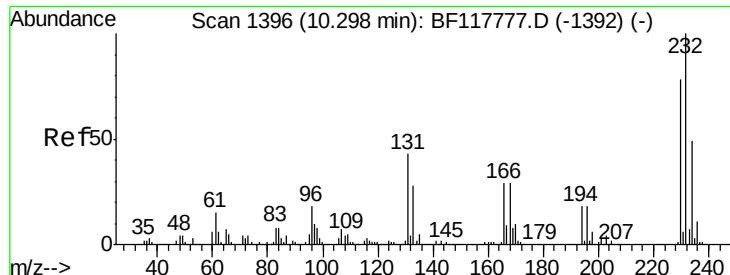
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.1	26.5	39.7#
89	69.9	47.2	70.8
182	2.7	2.3	3.5



#58
Fluorene
Concen: 46.541 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.4	116.2
167	13.3	10.7	16.1

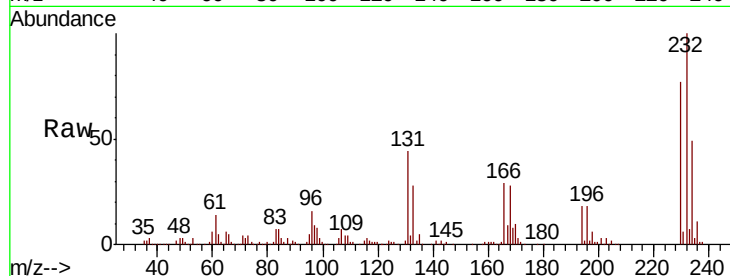




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.083 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.4	38.8	58.2
130	2.3	1.9	2.9
166	31.6	25.9	38.9



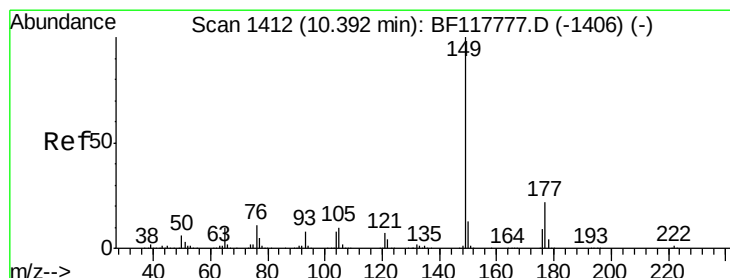
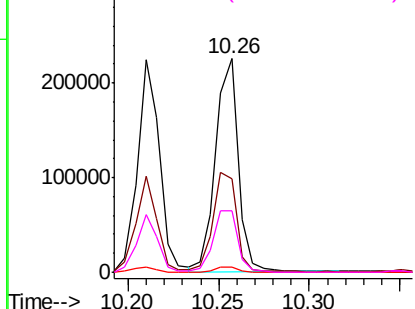
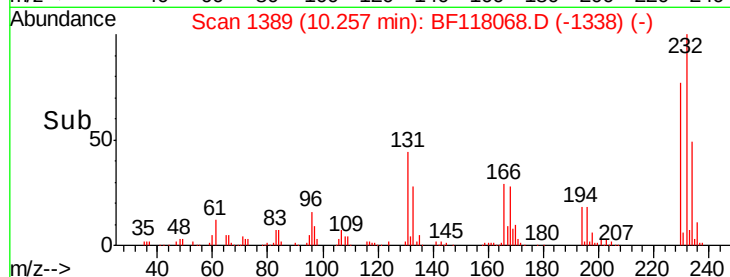
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

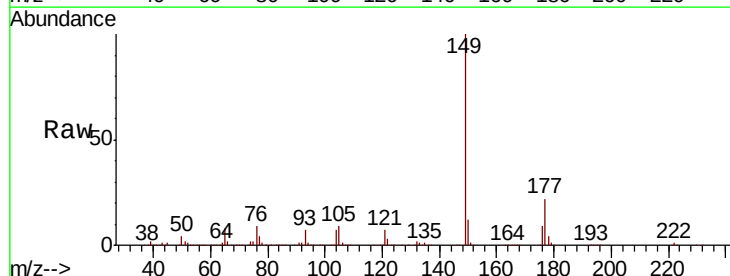
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 44.184 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.6	26.4
150	12.3	9.8	14.8

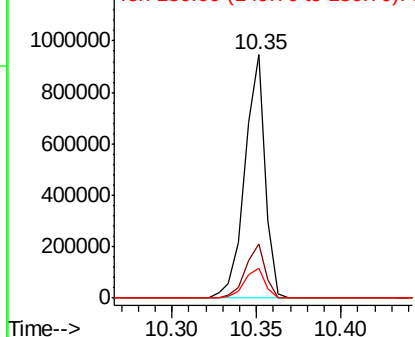
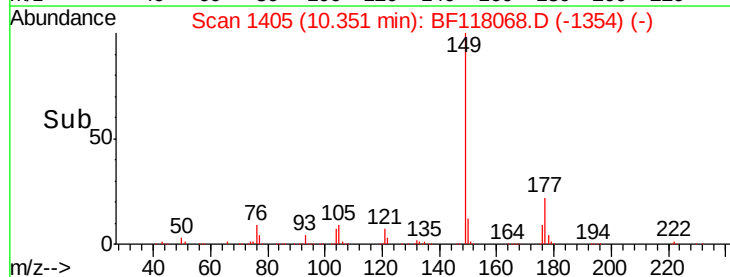


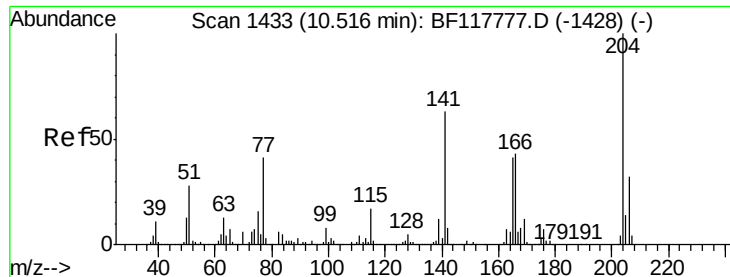
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

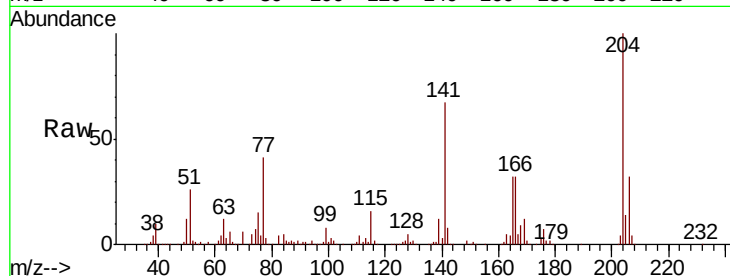




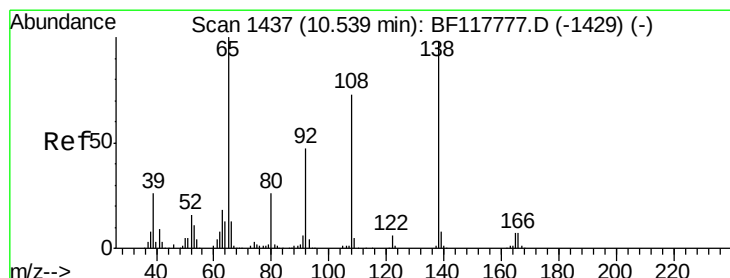
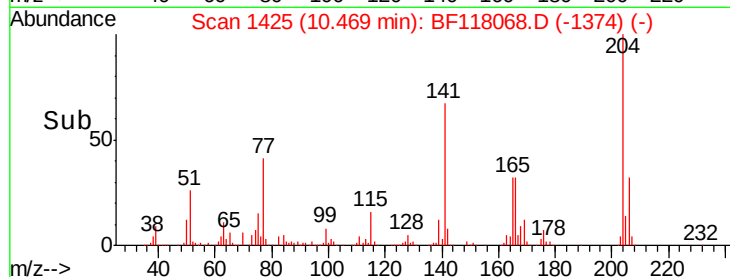
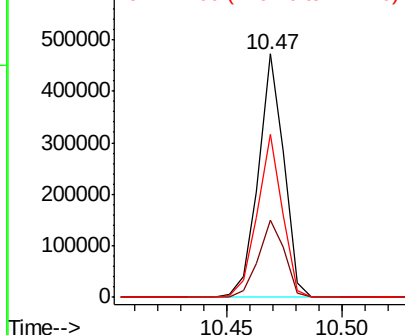
#61
4-Chlorophenyl-phenylether
Concen: 44.869 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 366146
Ion Ratio Lower Upper
204 100
206 31.9 26.0 39.0
141 67.2 55.1 82.7

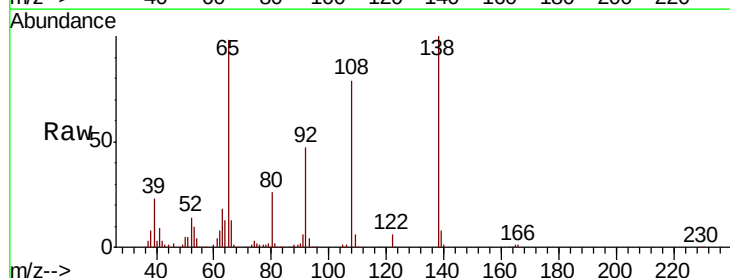


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

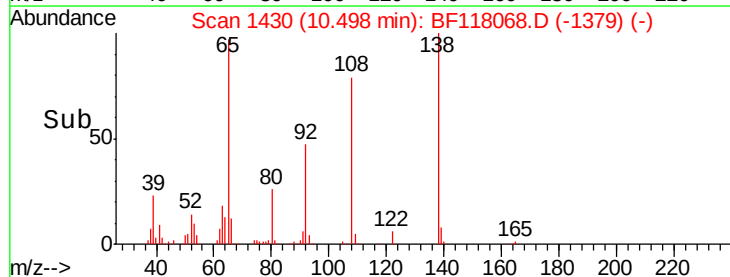
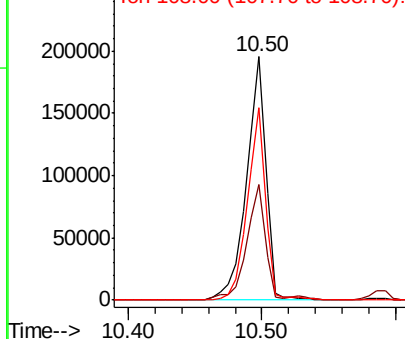


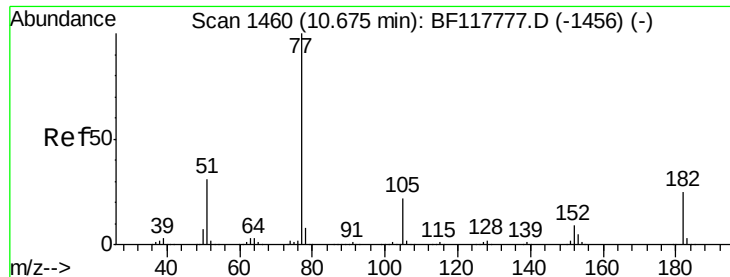
#62
4-Nitroaniline
Concen: 40.458 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion:138 Resp: 195290
Ion Ratio Lower Upper
138 100
92 47.3 27.5 67.5
108 79.2 57.9 97.9



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: 43.374 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 709198

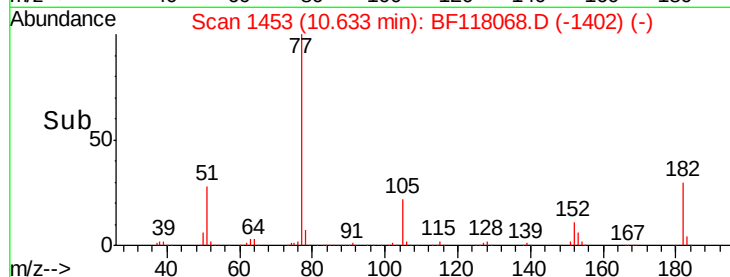
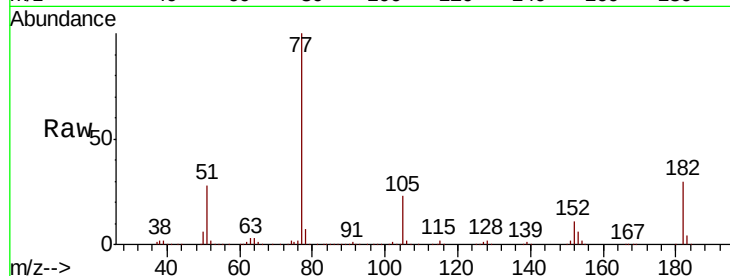
Ion Ratio Lower Upper

77 100

182 30.3 8.2 48.2

105 22.7 2.1 42.1

51 28.3 8.7 48.7

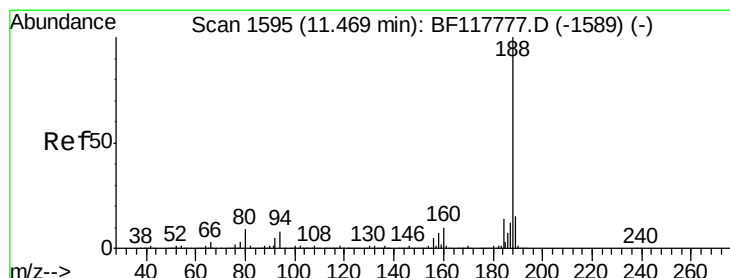
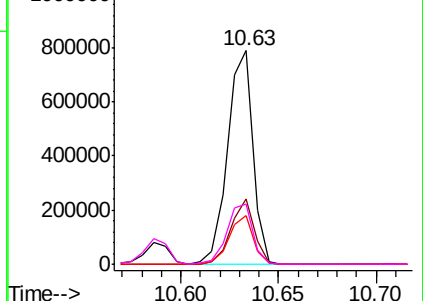


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

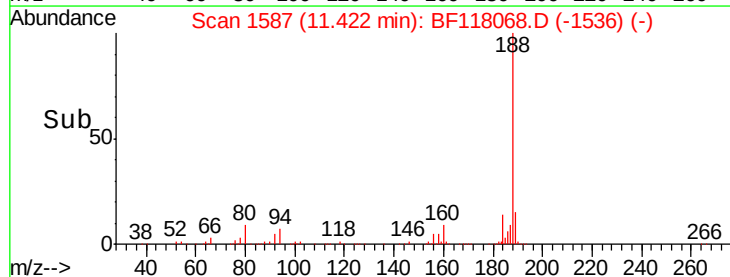
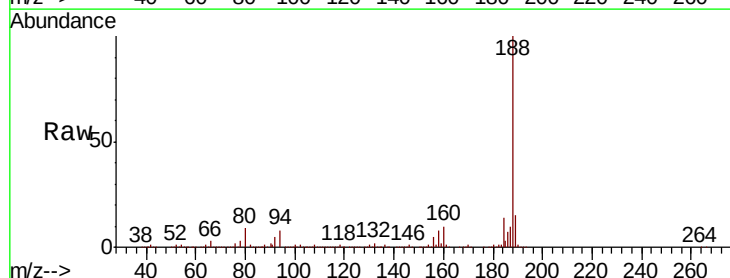
Tgt Ion: 188 Resp: 497377

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.6

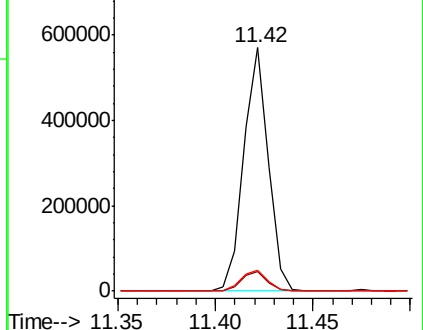
80 8.8 7.2 10.8

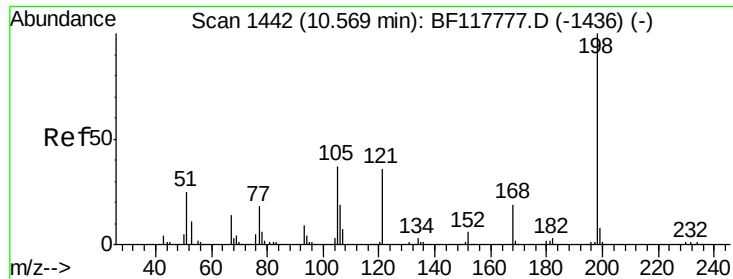


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

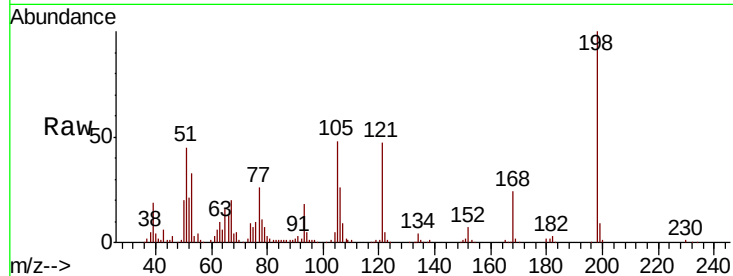




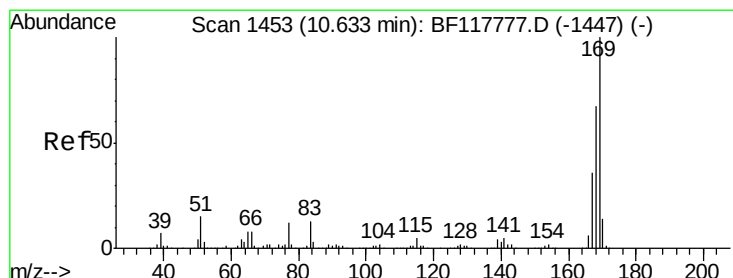
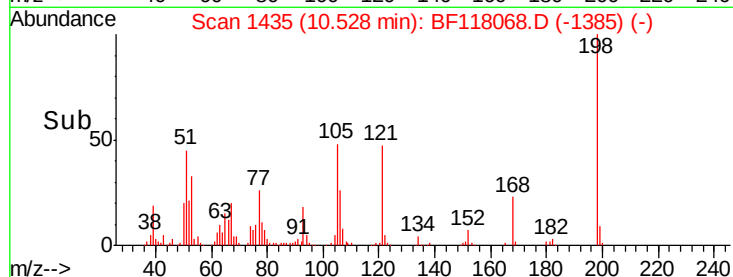
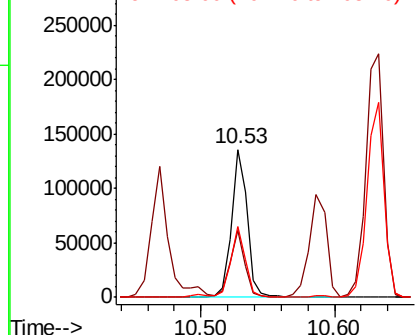
#65
4,6-Dinitro-2-methylphenol
Concen: 49.027 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 113838
Ion Ratio Lower Upper
198 100
51 45.4 12.6 52.6
105 48.1 17.0 57.0

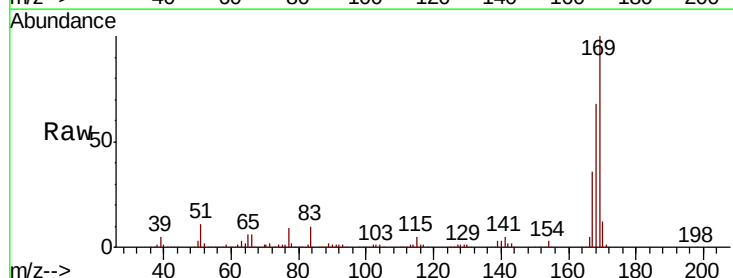


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

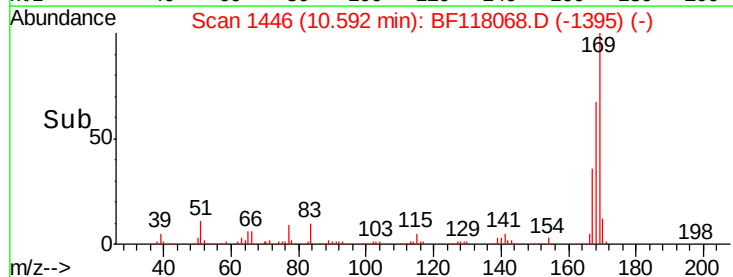
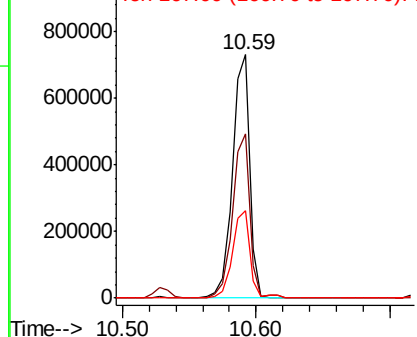


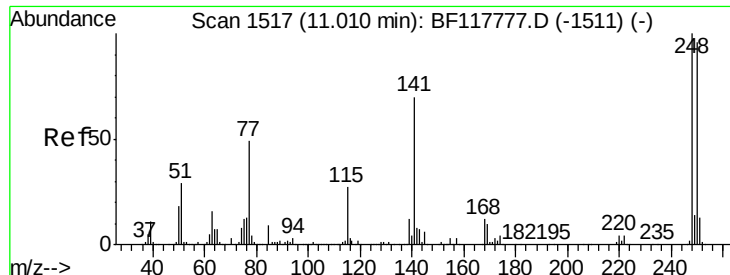
#66
n-Nitrosodiphenylamine
Concen: 46.048 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion:169 Resp: 666551
Ion Ratio Lower Upper
169 100
168 67.5 52.5 78.7
167 36.2 28.4 42.6



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

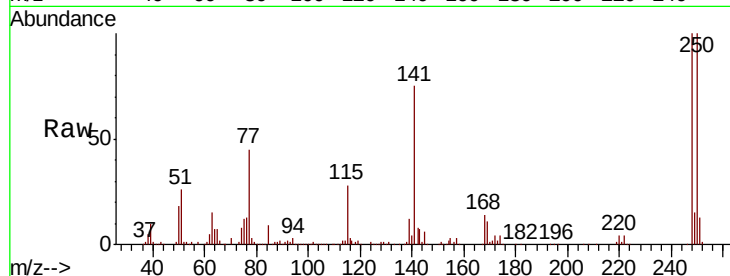




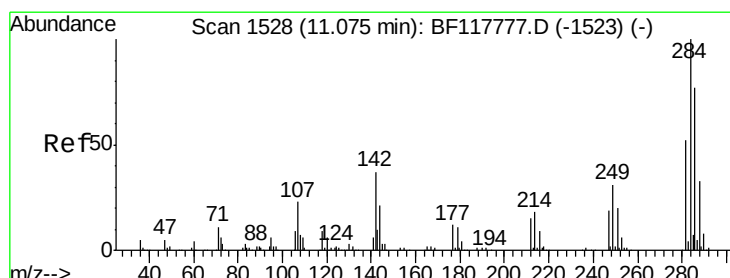
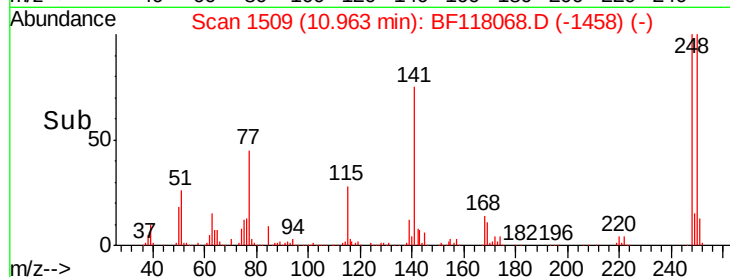
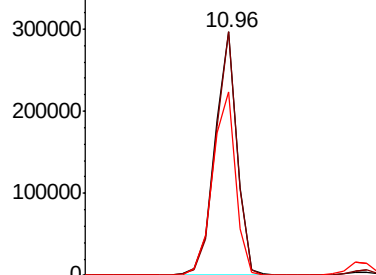
#67
4-Bromophenyl-phenylether
Concen: 43.316 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 232461
Ion Ratio Lower Upper
248 100
250 100.1 78.0 117.0
141 75.3 64.0 96.0

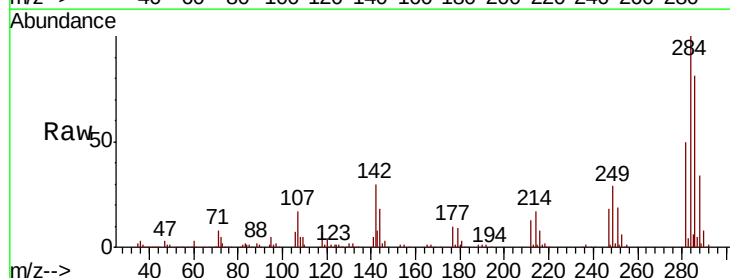


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

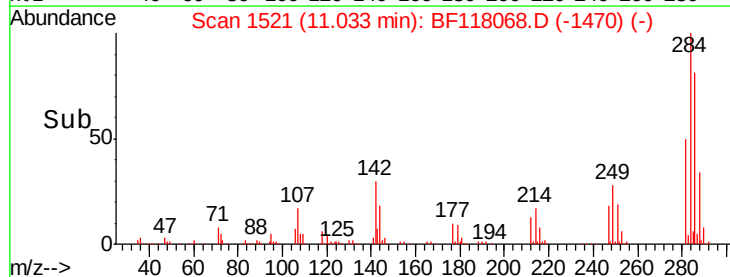
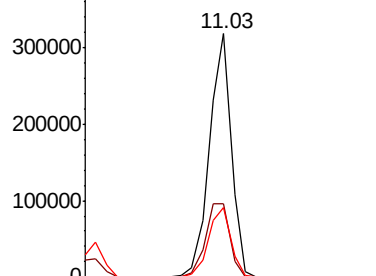


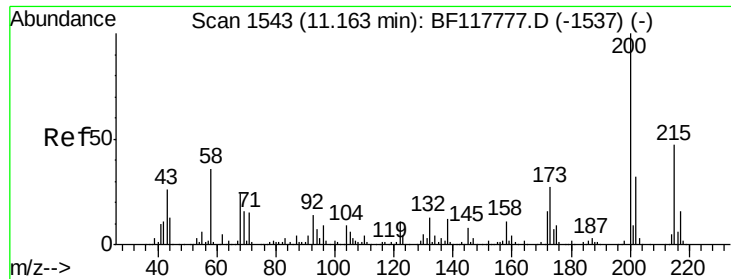
#68
Hexachlorobenzene
Concen: 42.677 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion:284 Resp: 267065
Ion Ratio Lower Upper
284 100
142 30.0 27.3 40.9
249 28.6 24.8 37.2



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: 42.460 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

ClientSampleId :

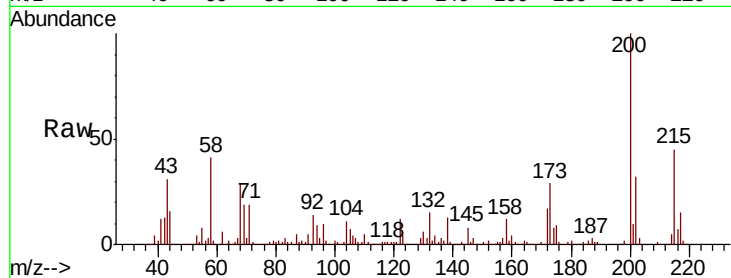
Tot Ion:200 Resp: 202178

Ion Ratio Lower Upper

200 100

173 28.6 7.9 47.9

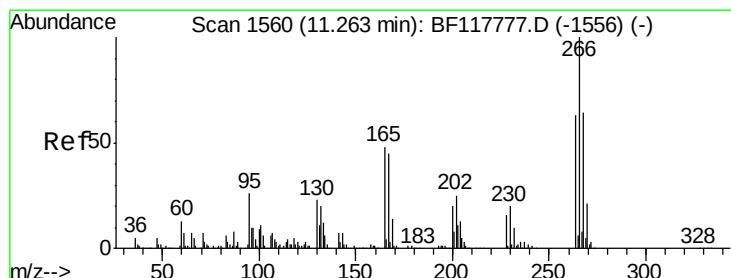
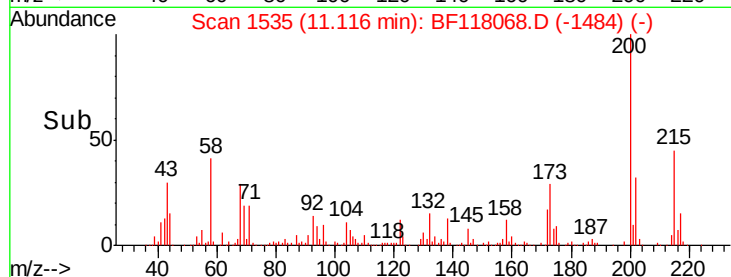
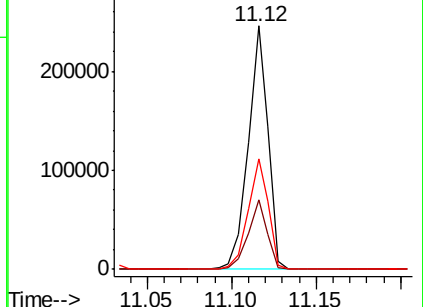
215 45.3 27.0 67.0



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: 75.868 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

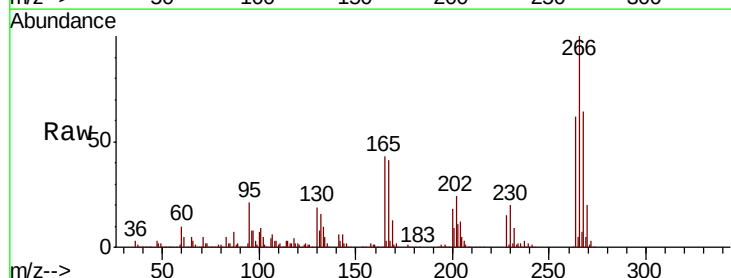
Tgt Ion:266 Resp: 277370

Ion Ratio Lower Upper

266 100

268 63.6 50.3 75.5

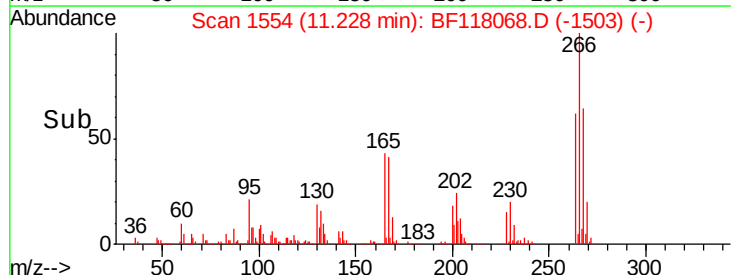
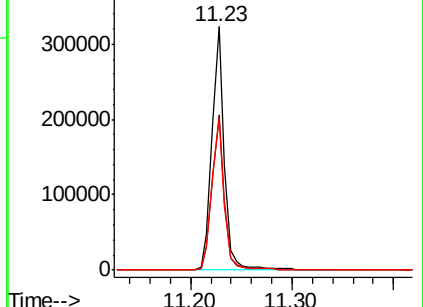
264 62.4 50.3 75.5

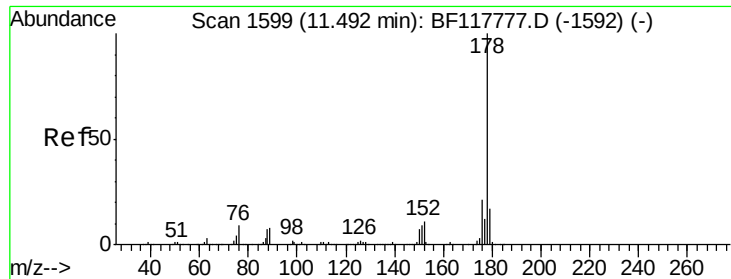


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

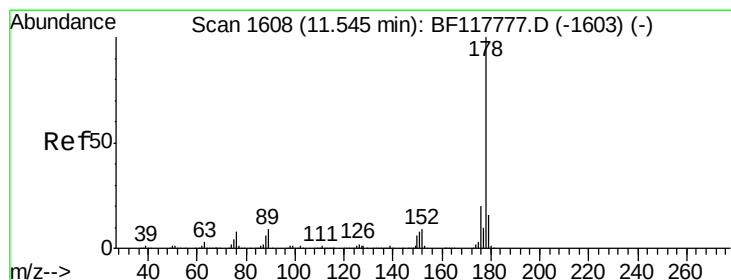
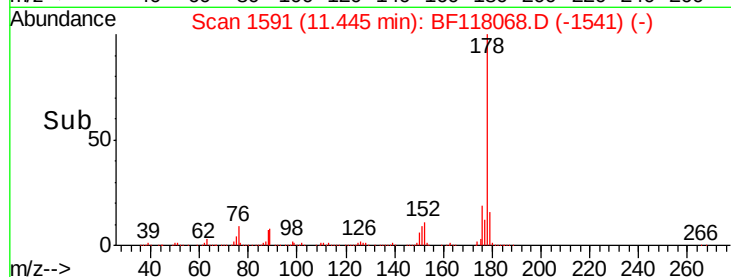
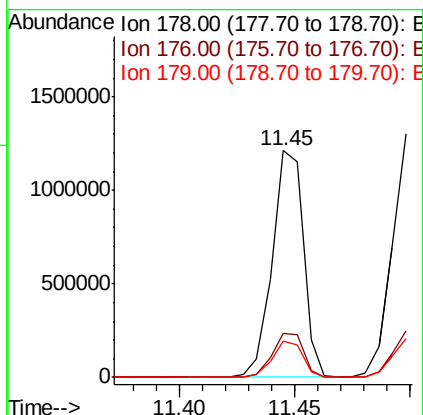
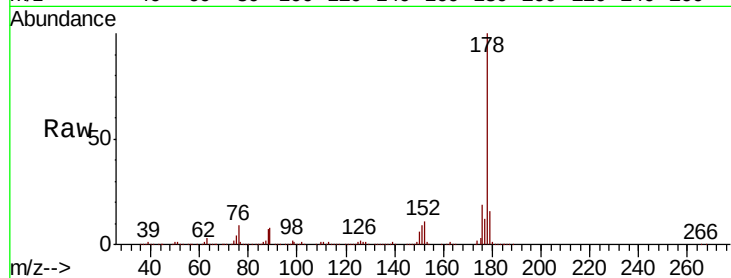




#71
Phenanthrene
Concen: 45.369 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

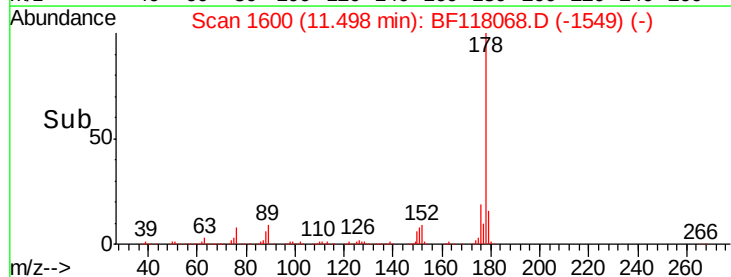
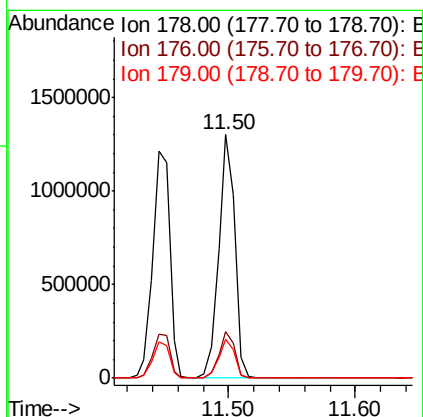
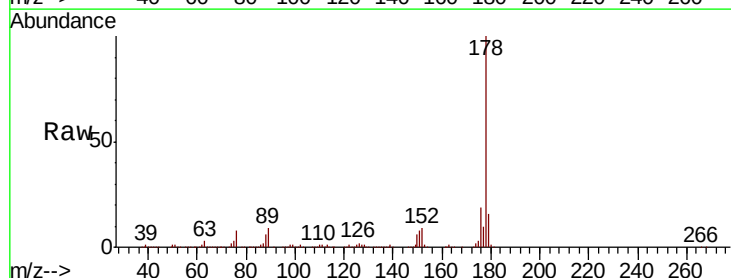
Instrument :
BNA_F
ClientSampleId :

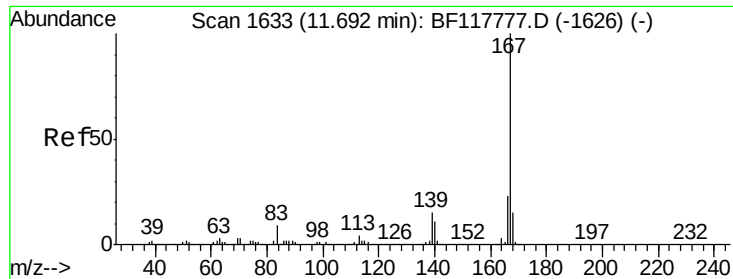
Tot Ion:178 Resp: 1134528
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 16.0 12.3 18.5



#72
Anthracene
Concen: 46.818 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion:178 Resp: 1160772
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.9 12.8 19.2

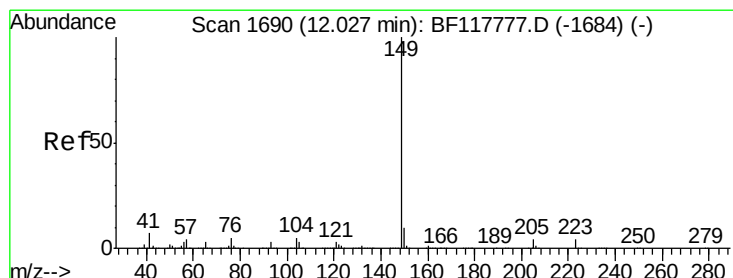
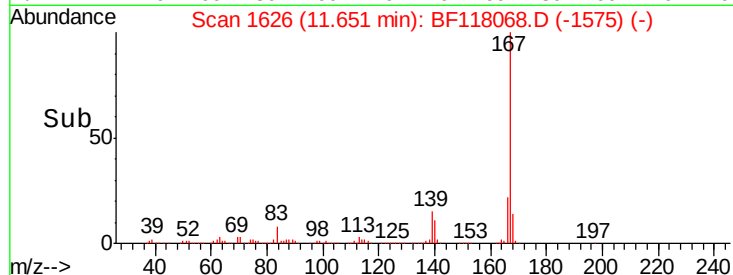
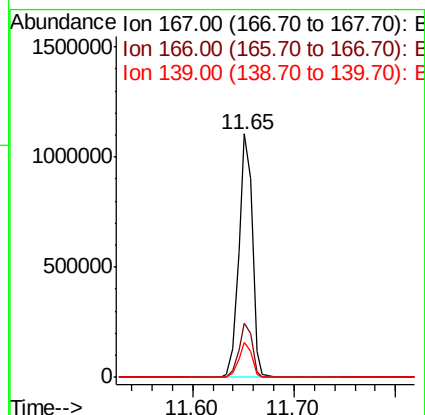
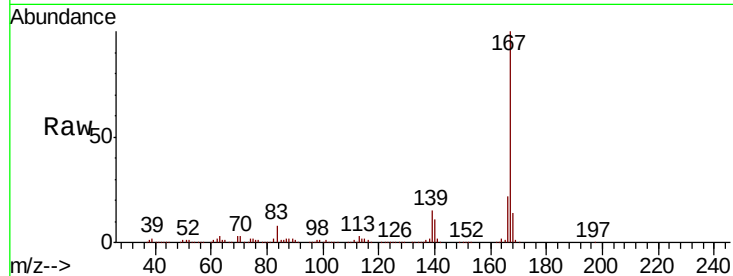




#73
 Carbazole
 Concen: 46.962 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BF118068.D
 Acq: 3 Dec 2019 18:01

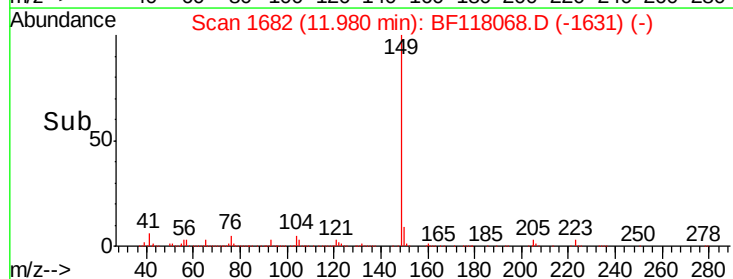
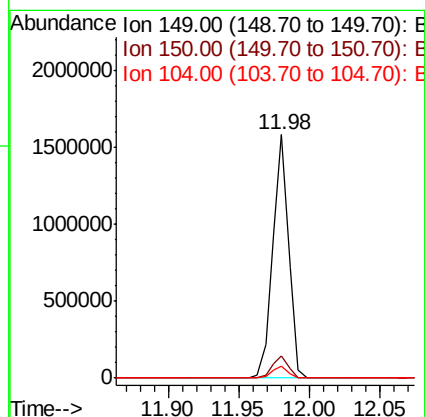
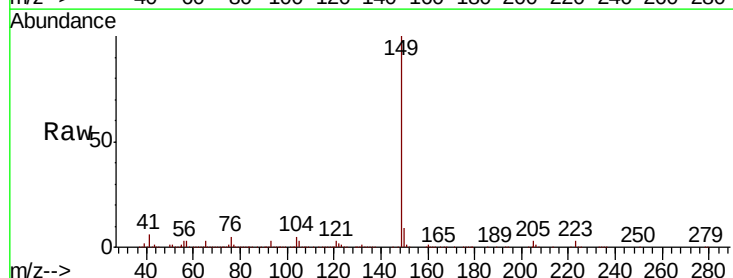
Instrument :
 BNA_F
 ClientSampled :

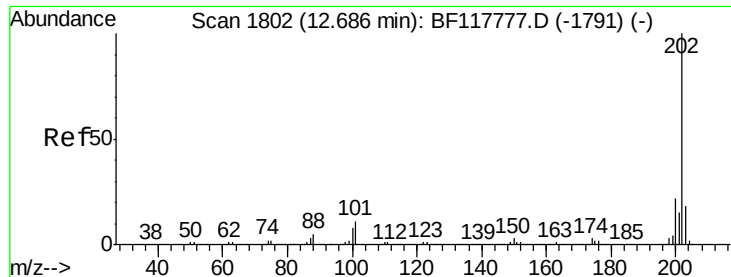
Tot Ion:167 Resp: 1017472
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 14.5 11.5 17.3



#74
 Di-n-butylphthalate
 Concen: 46.492 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BF118068.D
 Acq: 3 Dec 2019 18:01

Tgt Ion:149 Resp: 1254158
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.0 4.2 6.4

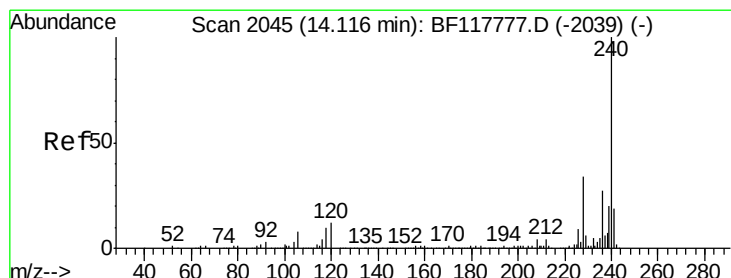
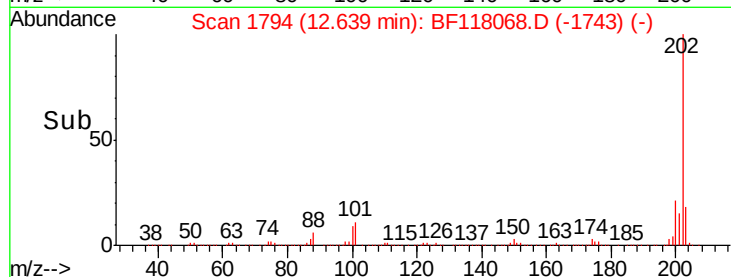
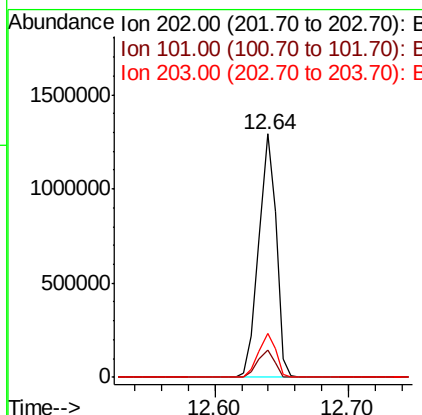
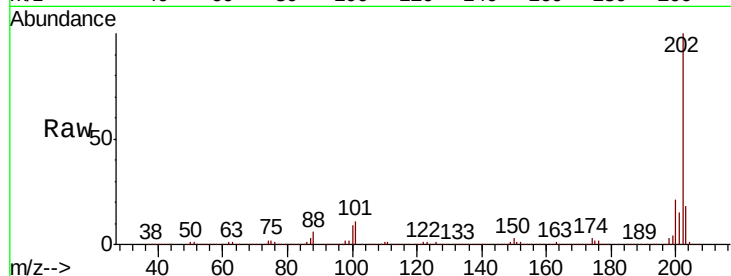




#75
Fluoranthene
Concen: 51.736 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

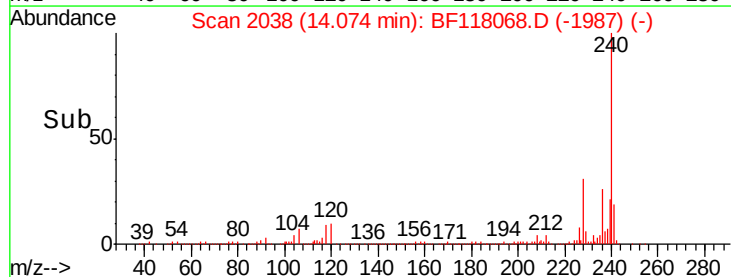
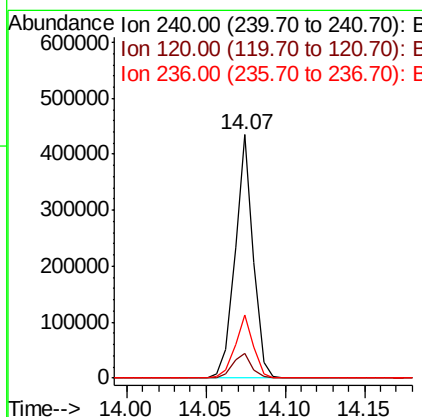
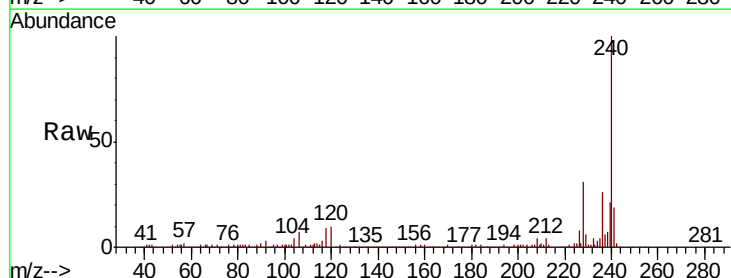
Instrument :
BNA_F
ClientSampleId :

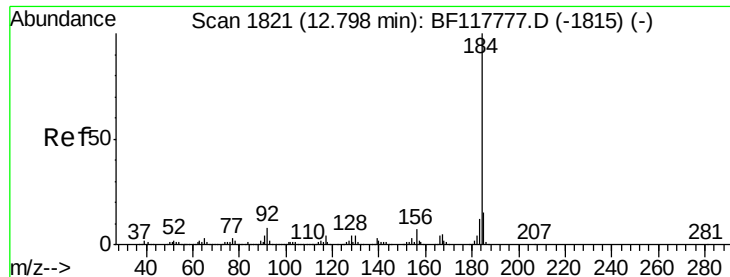
Tot Ion:202 Resp: 1152461
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.5
203 18.0 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion:240 Resp: 341629
Ion Ratio Lower Upper
240 100
120 9.9 8.4 12.6
236 26.1 20.6 31.0

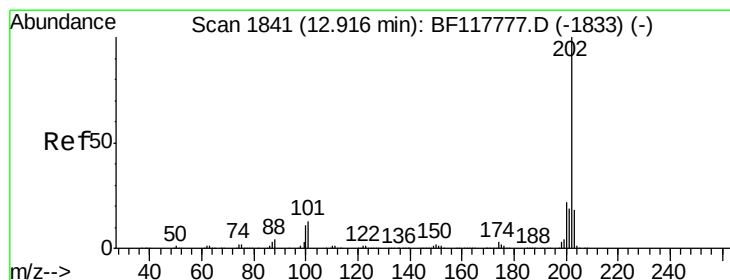
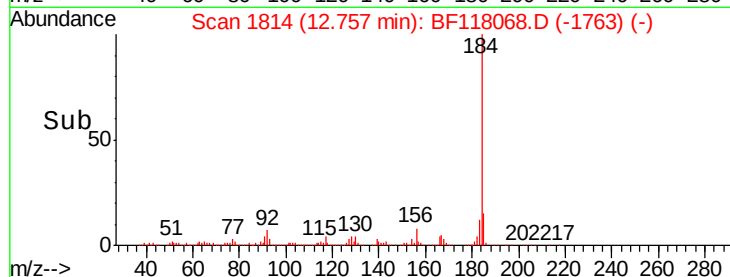
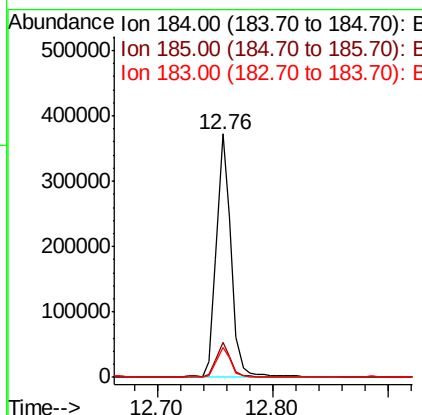
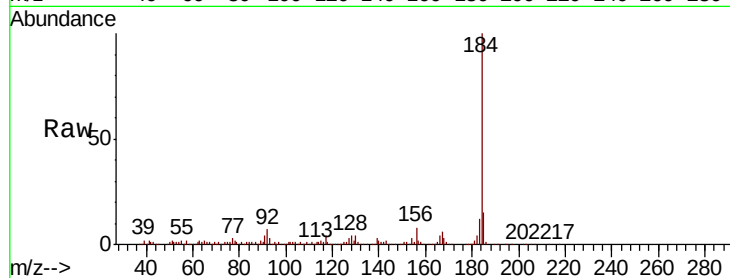




#77
Benzidine
Concen: 29.474 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

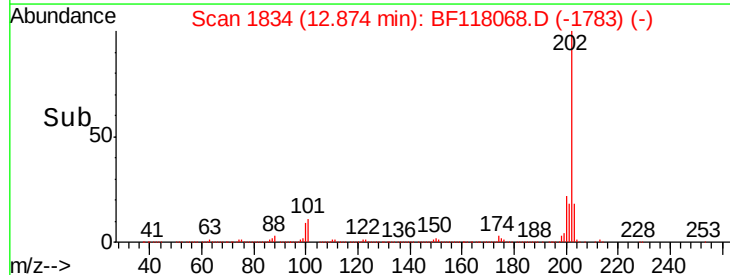
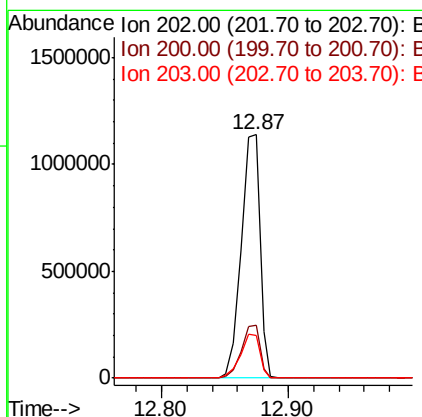
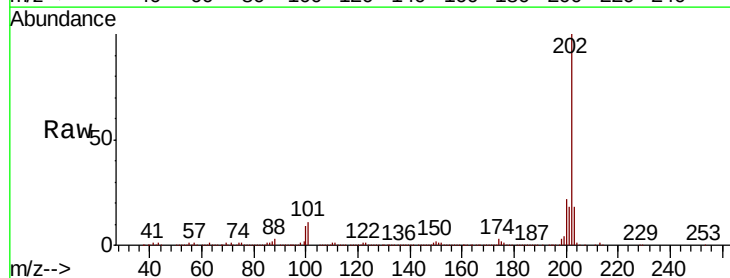
Instrument :
BNA_F
ClientSampleId :

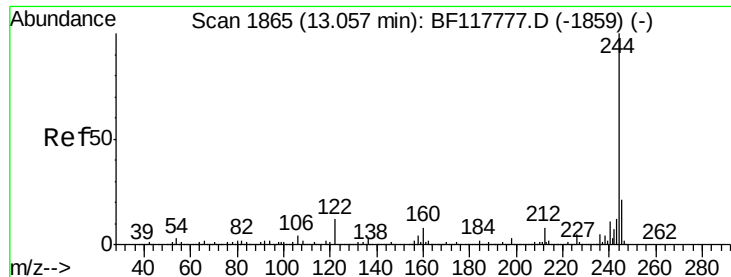
Tot Ion:184 Resp: 329826
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 12.2 9.7 14.5



#78
Pyrene
Concen: 42.139 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion:202 Resp: 1163414
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.6
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 90.872 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

ClientSampleId :

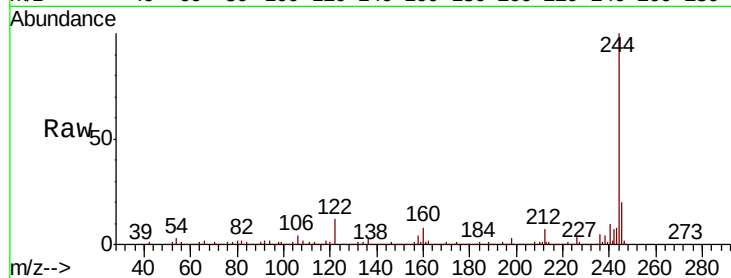
Tot Ion:244 Resp: 1698635

Ion Ratio Lower Upper

244 100

212 7.3 5.2 7.8

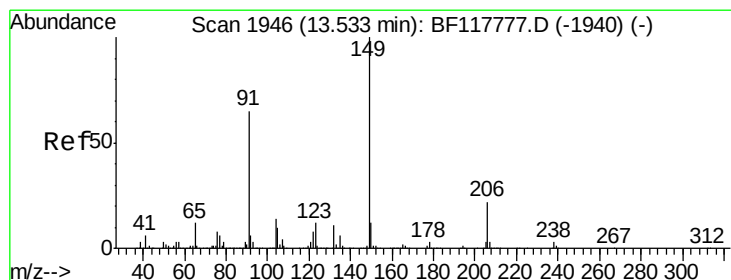
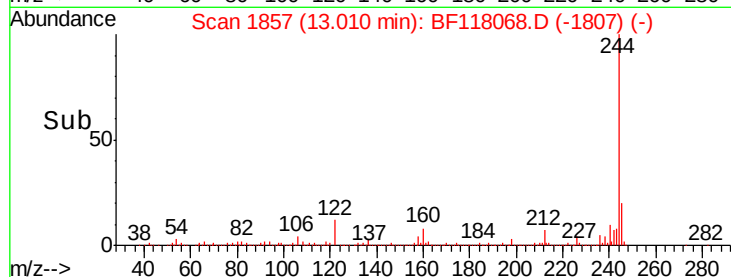
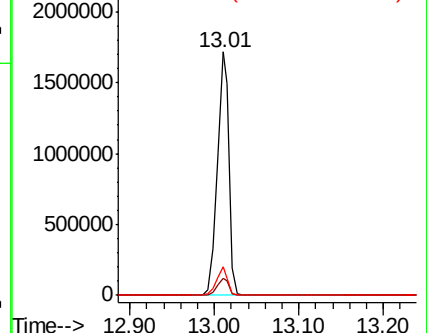
122 11.6 7.2 10.8#



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: 44.031 ng

RT: 13.49 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

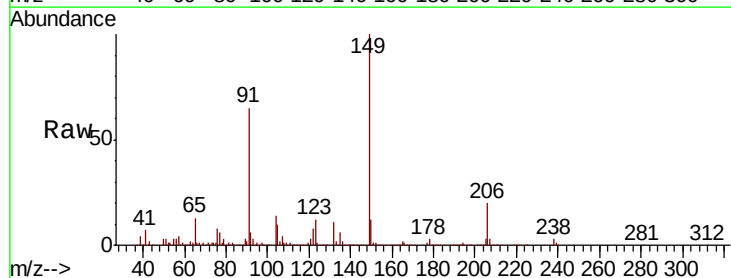
Tgt Ion:149 Resp: 522115

Ion Ratio Lower Upper

149 100

91 64.7 53.1 79.7

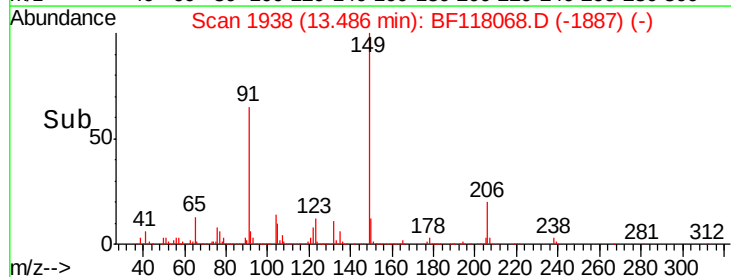
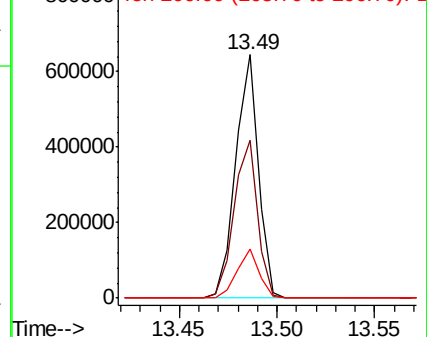
206 20.1 15.8 23.6

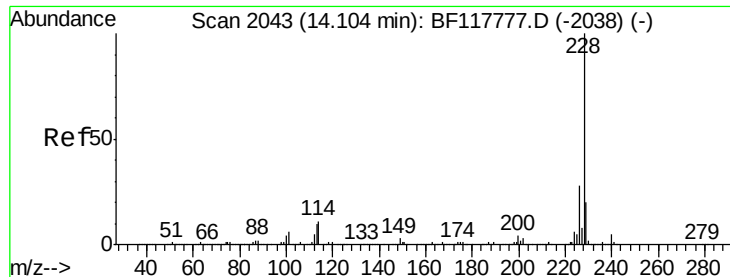


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.831 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

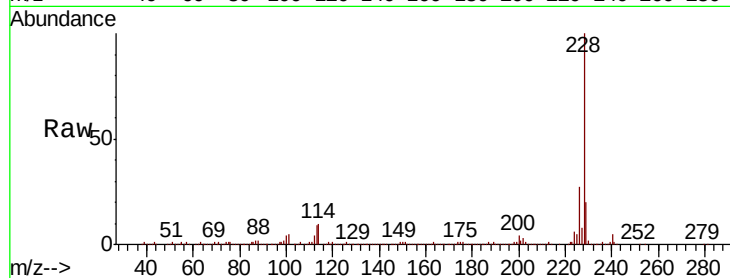
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 966917

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.9	32.9
229	19.9	16.2	24.2

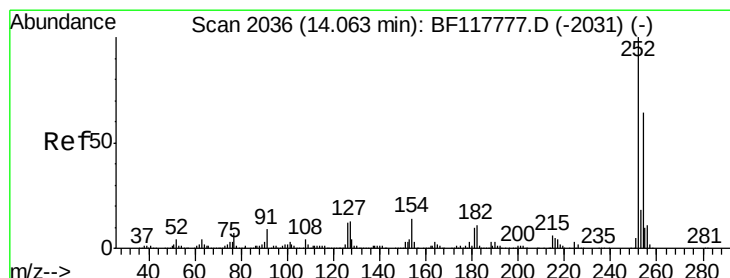
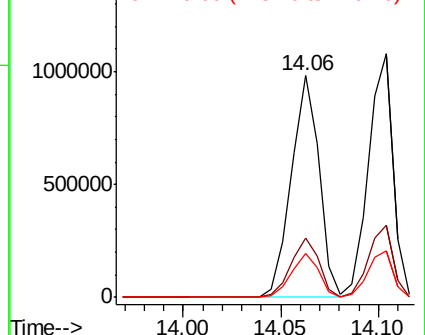
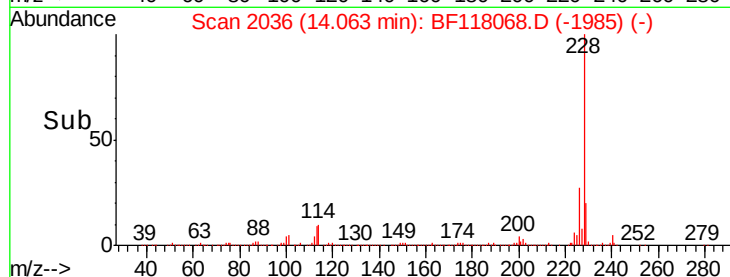


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 19.084 ng

RT: 14.02 min Scan# 2029

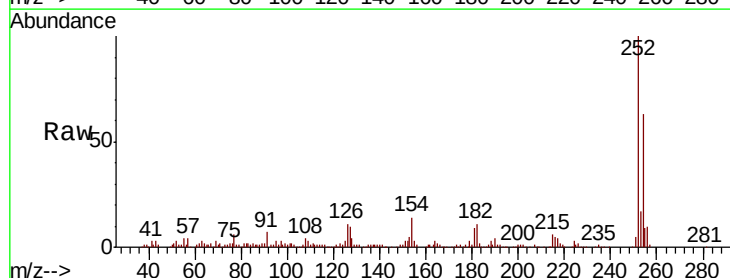
Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Tgt Ion:252 Resp: 150704

Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.2	78.2
126	10.6	9.3	13.9

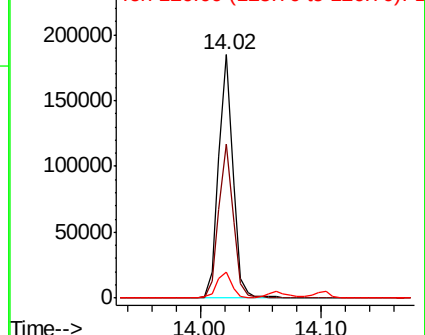
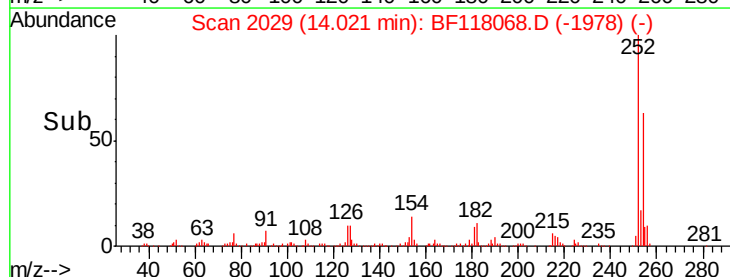


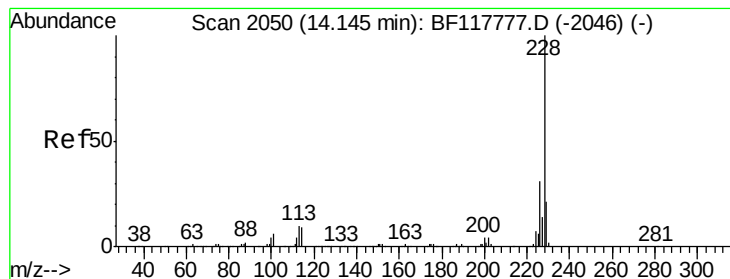
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.017 ng

RT: 14.10 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

ClientSampled :

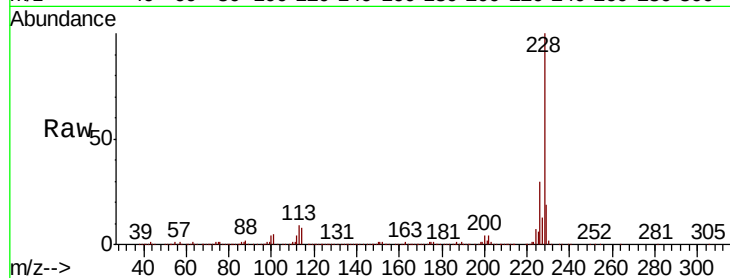
Tot Ion:228 Resp: 941012

Ion Ratio Lower Upper

228 100

226 29.8 23.6 35.4

229 19.3 16.2 24.2

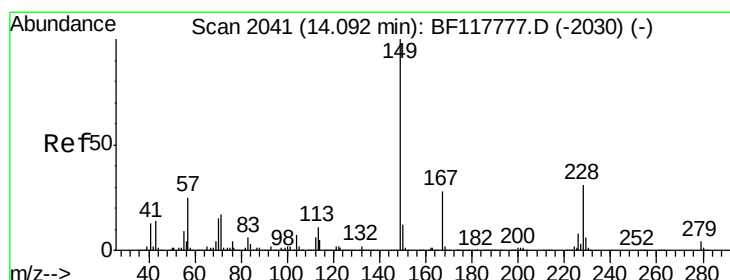
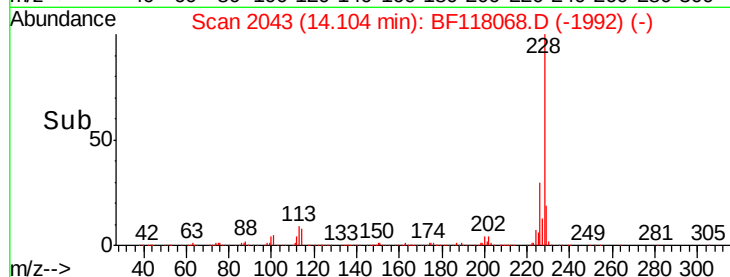
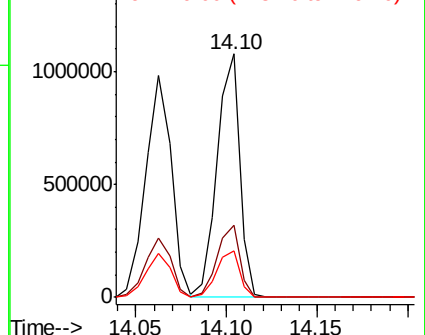


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.408 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

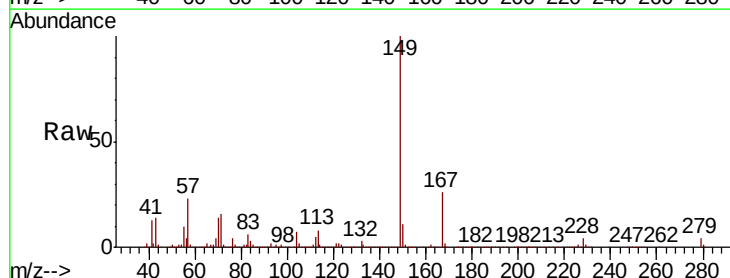
Tgt Ion:149 Resp: 724668

Ion Ratio Lower Upper

149 100

167 26.1 21.8 32.8

279 3.9 3.4 5.0

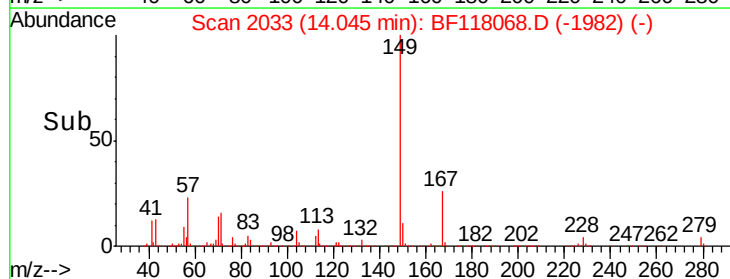
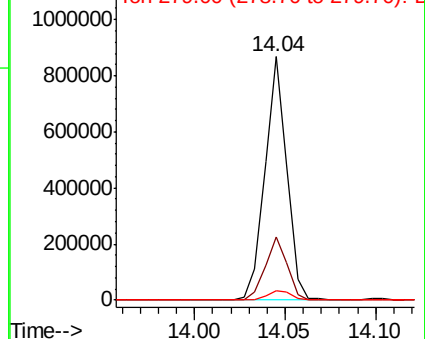


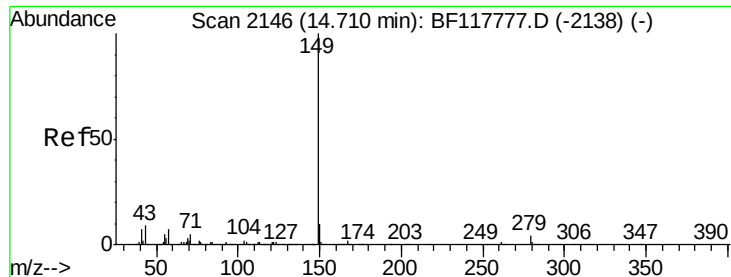
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.240 ng

RT: 14.66 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

ClientSampleId :

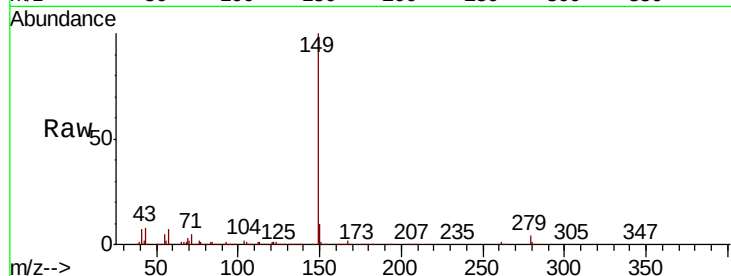
Tot Ion:149 Resp: 1124421

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

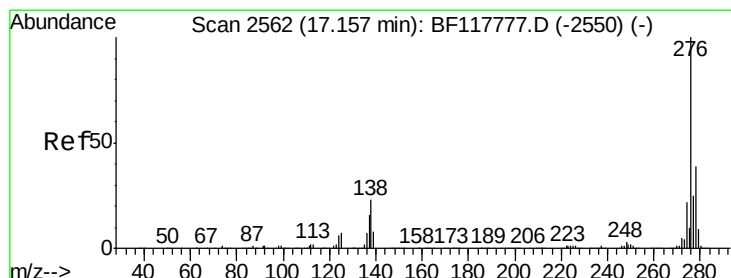
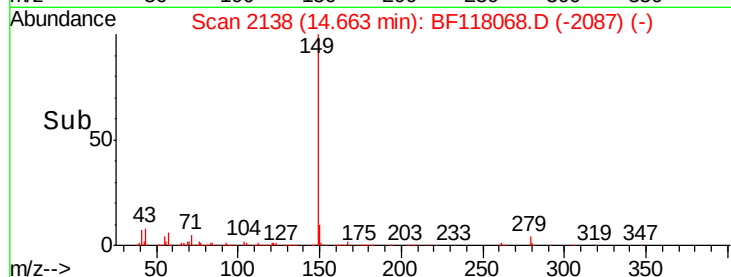
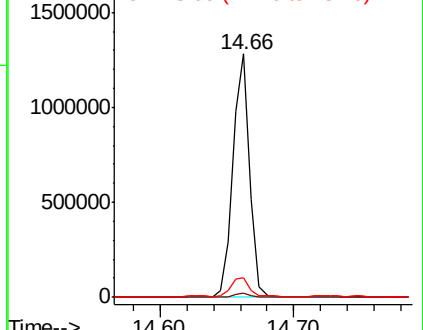
43 8.4 6.4 9.6



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: 50.645 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

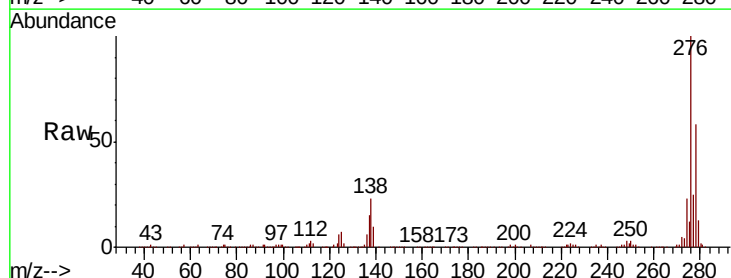
Tgt Ion:276 Resp: 942926

Ion Ratio Lower Upper

276 100

138 23.7 19.0 28.6

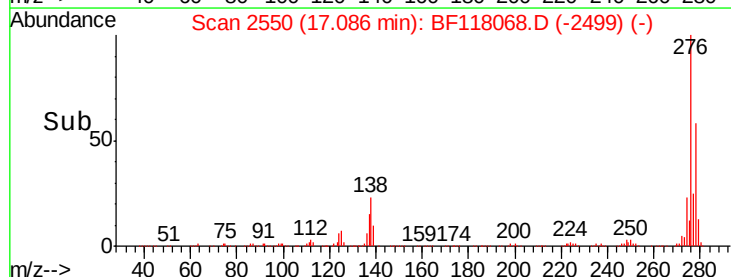
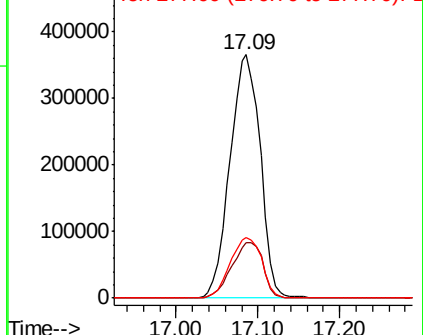
277 25.9 20.7 31.1

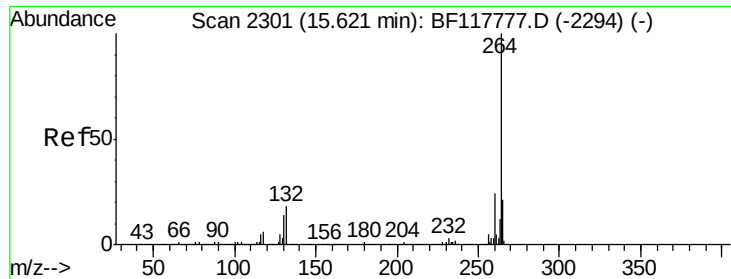


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



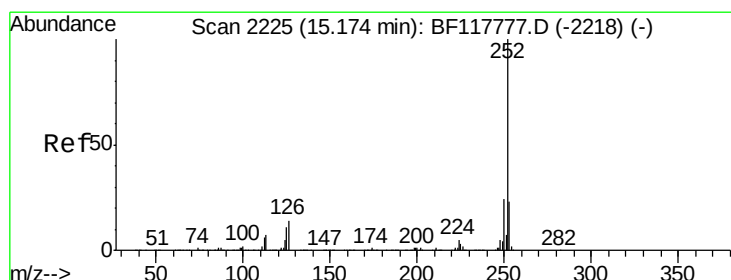
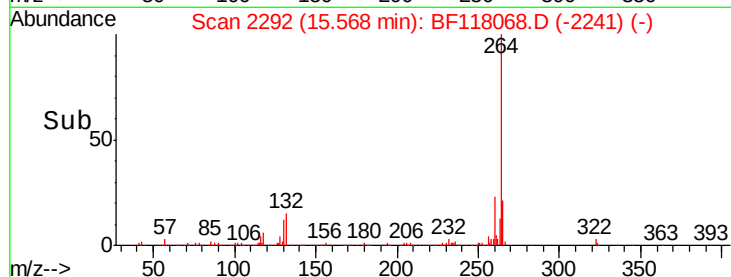
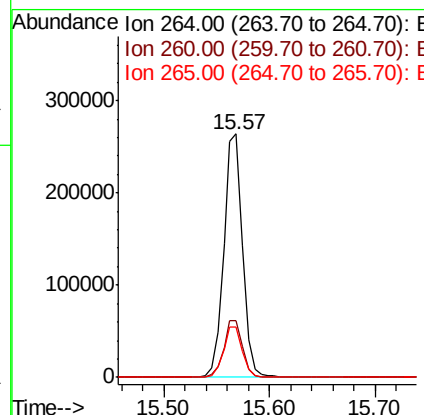
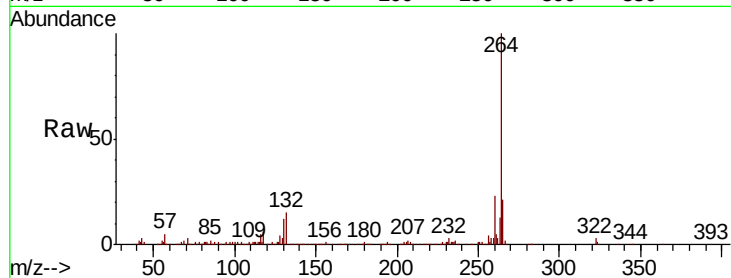


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 328381

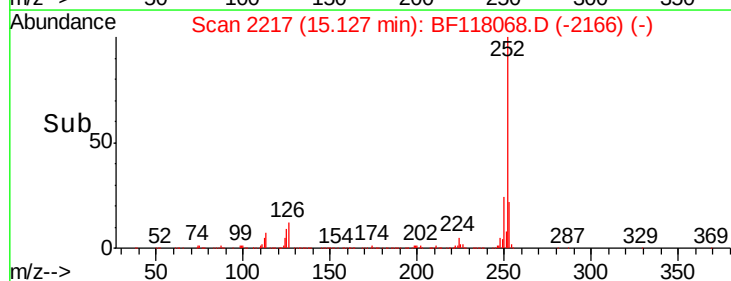
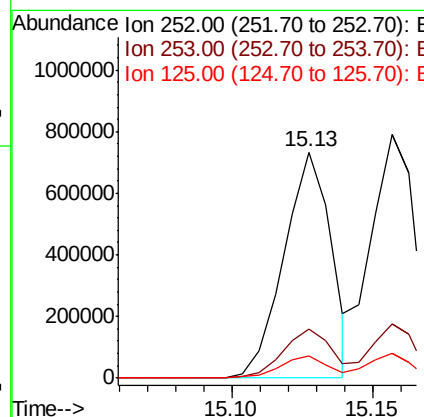
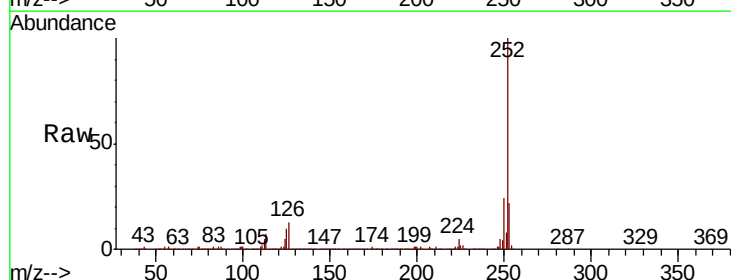
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	20.9	16.4	24.6

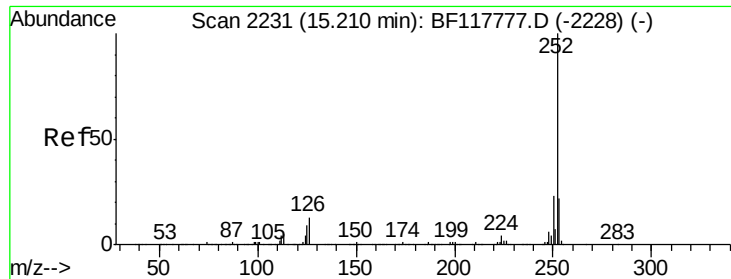


#88
Benzo(b)fluoranthene
Concen: 40.007 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion:252 Resp: 853549

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	9.6	7.7	11.5

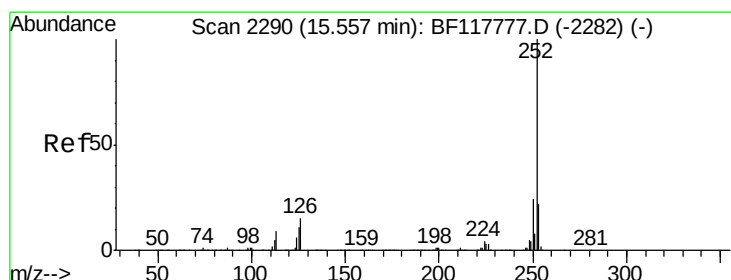
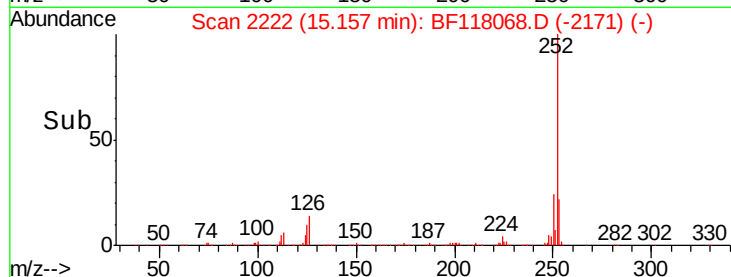
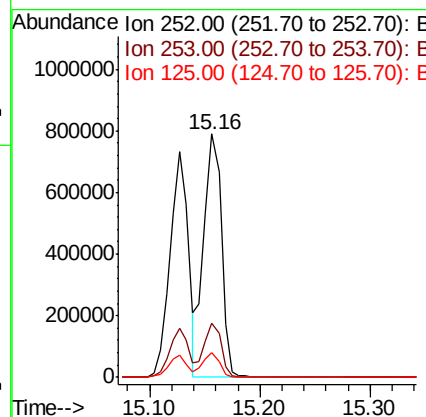
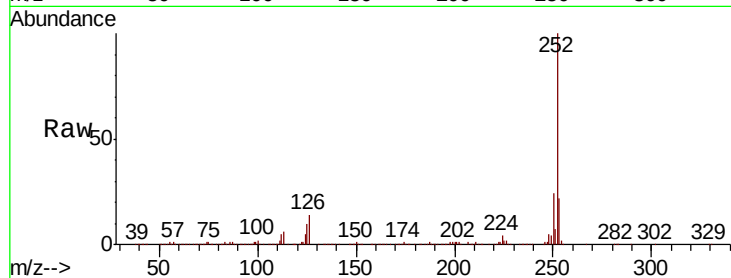




#89
Benzo(k)fluoranthene
Concen: 42.808 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

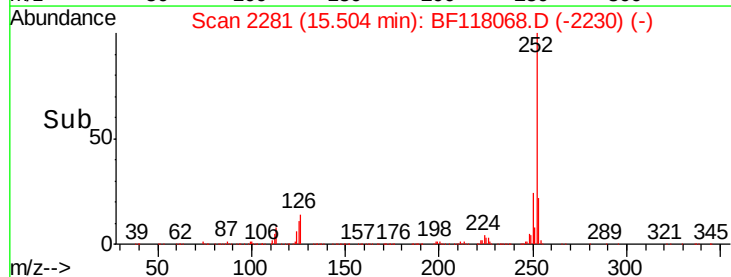
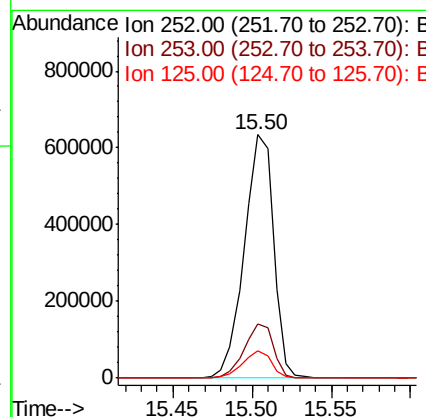
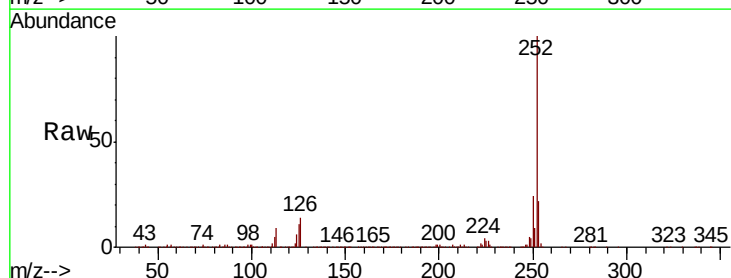
Instrument :
BNA_F
ClientSampleId :

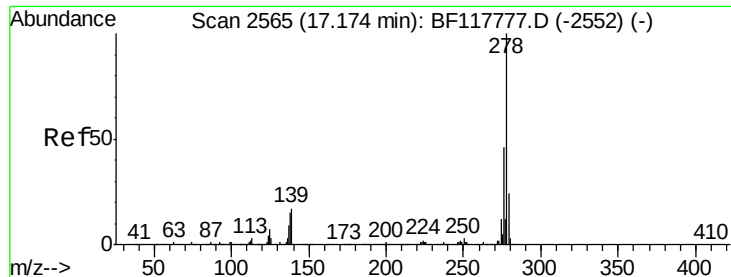
Tot Ion:252 Resp: 860550
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 10.2 8.5 12.7



#90
Benzo(a)pyrene
Concen: 43.512 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion:252 Resp: 816314
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 11.3 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 48.897 ng

RT: 17.10 min Scan# 2553

Delta R.T. 0.01 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

ClientSampleId :

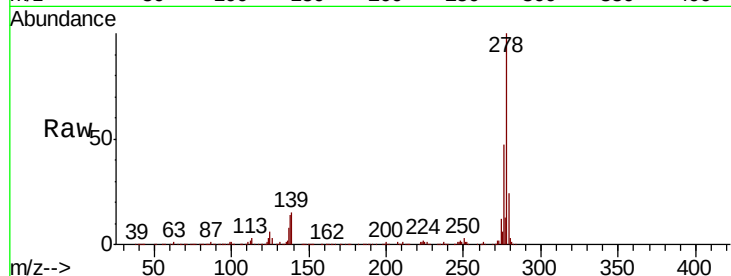
Tot Ion:278 Resp: 789570

Ion Ratio Lower Upper

278 100

139 14.7 12.2 18.4

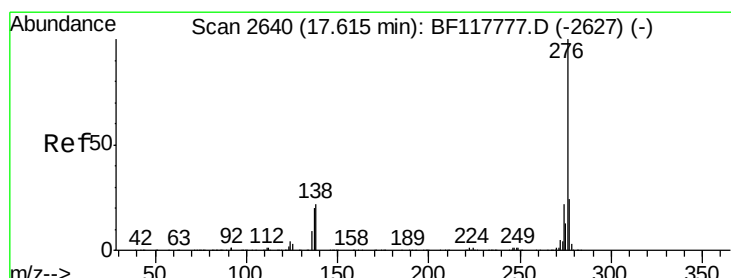
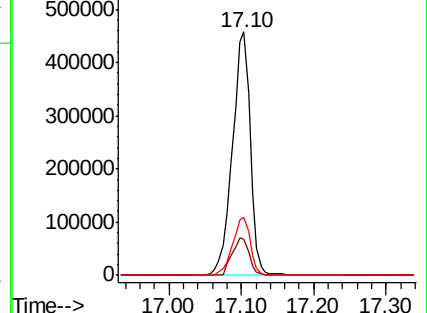
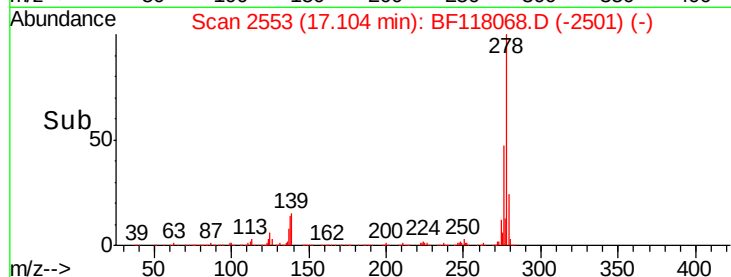
279 23.8 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.358 ng

RT: 17.54 min Scan# 2628

Delta R.T. 0.01 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

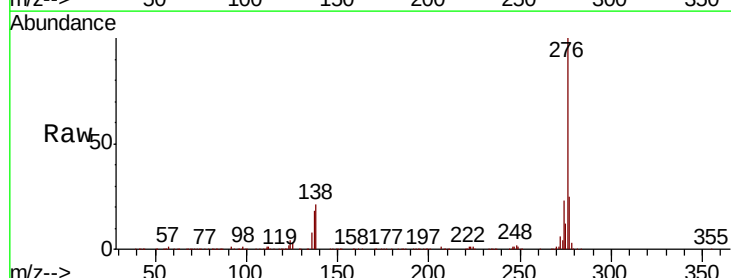
Tgt Ion:276 Resp: 793855

Ion Ratio Lower Upper

276 100

277 24.7 19.0 28.4

138 21.0 16.6 25.0



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

