

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080818\
 Data File : BF108013.D
 Acq On : 8 Aug 2018 12:19
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Aug 08 12:41:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	269240	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1071649	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	574278	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	1146578	20.00	ng	0.00
75) Chrysene-d12	14.22	240	918939	20.00	ng	0.00
86) Perylene-d12	15.78	264	785760	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	1189573	79.99	ng	0.00
7) Phenol-d6	6.63	99	1592403	80.58	ng	0.00
23) Nitrobenzene-d5	7.58	82	1573561	81.94	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	487292	85.07	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2771216	77.47	ng	0.00
78) Terphenyl-d14	13.15	244	2800370	77.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	301372	39.439	ng	# 87
3) Pyridine	3.68	79	795513	40.413	ng	# 83
4) n-Nitrosodimethylamine	3.65	42	449922	40.620	ng	79
6) Aniline	6.68	93	1066530	39.676	ng	94
8) 2-Chlorophenol	6.80	128	669830	39.992	ng	95
9) Benzaldehyde	6.57	77	614232	40.089	ng	97
10) Phenol	6.64	94	818150	40.024	ng	86
11) bis(2-Chloroethyl)ether	6.75	93	664246	40.194	ng	92
12) 1,3-Dichlorobenzene	6.96	146	777771	40.161	ng	99
13) 1,4-Dichlorobenzene	7.04	146	781308	40.154	ng	97
14) 1,2-Dichlorobenzene	7.19	146	725948	40.110	ng	97
15) Benzyl Alcohol	7.15	79	695668	41.815	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1359314	39.927	ng	95
17) 2-Methylphenol	7.25	107	586278	40.817	ng	96
18) Hexachloroethane	7.53	117	282474	40.777	ng	94
19) n-Nitroso-di-n-propylamine	7.42	70	545638	40.830	ng	# 85
20) 3+4-Methylphenols	7.41	107	753754	40.951	ng	94
22) Acetophenone	7.42	105	1012083	40.390	ng	# 91
24) Nitrobenzene	7.60	77	799366	41.162	ng	96
25) Isophorone	7.84	82	1469549	40.146	ng	98
26) 2-Nitrophenol	7.91	139	314000	42.815	ng	# 88
27) 2,4-Dimethylphenol	7.94	122	659572	40.598	ng	95
28) bis(2-Chloroethoxy)methane	8.04	93	854177	39.973	ng	99
29) 2,4-Dichlorophenol	8.15	162	618574	41.374	ng	98
30) 1,2,4-Trichlorobenzene	8.24	180	658400	39.942	ng	98
31) Naphthalene	8.32	128	1955033	40.115	ng	97
32) Benzoic acid	8.05	122	382348	41.483	ng	90
33) 4-Chloroaniline	8.37	127	849214	39.984	ng	95
34) Hexachlorobutadiene	8.44	225	418108	40.067	ng	99
35) Caprolactam	8.74	113	201669	43.043	ng	# 73
36) 4-Chloro-3-methylphenol	8.84	107	667796	41.404	ng	98
37) 2-Methylnaphthalene	9.01	142	1394452	40.441	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	699879	39.686	ng	98
40) Hexachlorocyclopentadiene	9.17	237	475224	41.719	ng	98

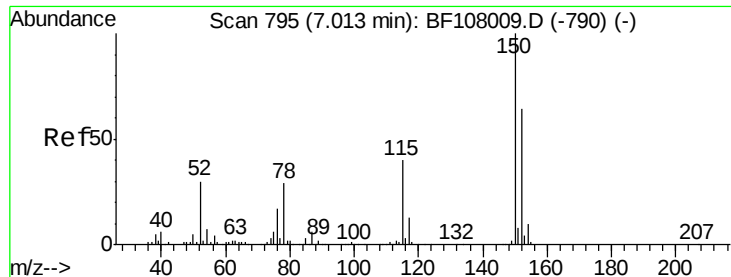
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080818\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	457424	41.798	ng	100
43) 2,4,5-Trichlorophenol	9.32	196	512070	42.506	ng	97
45) 1,1'-Biphenyl	9.48	154	1663684	39.292	ng	97
46) 2-Chloronaphthalene	9.51	162	1338231	39.989	ng	98
47) 2-Nitroaniline	9.60	65	465763	43.014	ng	86
48) Acenaphthylene	9.93	152	2090802	39.519	ng	96
49) Dimethylphthalate	9.78	163	1597887	39.944	ng #	98
50) 2,6-Dinitrotoluene	9.84	165	356629	42.611	ng #	88
51) Acenaphthene	10.10	154	1301202	40.155	ng	97
52) 3-Nitroaniline	10.01	138	384889	42.031	ng	89
53) 2,4-Dinitrophenol	10.11	184	115910	40.779	ng #	41
54) Dibenzofuran	10.27	168	1844110	39.281	ng	92
55) 4-Nitrophenol	10.15	139	288481	41.602	ng #	73
56) 2,4-Dinitrotoluene	10.25	165	469514	43.582	ng #	97
57) Fluorene	10.62	166	1463368	39.376	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	437577	43.457	ng #	87
59) Diethylphthalate	10.48	149	1548865	39.985	ng	94
60) 4-Chlorophenyl-phenylether	10.61	204	761890	39.343	ng	91
61) 4-Nitroaniline	10.64	138	383400	42.348	ng	92
62) Azobenzene	10.77	77	1594578	39.860	ng	91
64) 4,6-Dinitro-2-methylphenol	10.65	198	173219	41.106	ng	90
65) n-Nitrosodiphenylamine	10.72	169	1368526	40.390	ng	97
66) 4-Bromophenyl-phenylether	11.10	248	507999	40.770	ng #	85
67) Hexachlorobenzene	11.17	284	532813	40.641	ng #	89
68) Atrazine	11.25	200	449651	39.567	ng	97
69) Pentachlorophenol	11.35	266	269239	42.906	ng	98
70) Phenanthrene	11.59	178	2143191	39.630	ng	96
71) Anthracene	11.64	178	2198948	39.672	ng	96
72) Carbazole	11.79	167	1956990	39.739	ng	98
73) Di-n-butylphthalate	12.11	149	2244615	40.240	ng #	97
74) Fluoranthene	12.78	202	2343455	39.705	ng	94
76) Benzidine	12.90	184	1439602	41.930	ng #	93
77) Pyrene	13.01	202	2323881	39.944	ng	95
79) Butylbenzylphthalate	13.62	149	985433	42.656	ng #	97
80) Benzo(a)anthracene	14.21	228	2111656	40.041	ng	96
81) 3,3'-Dichlorobenzidine	14.17	252	806662	42.681	ng #	96
82) Chrysene	14.25	228	1938261	40.089	ng	96
83) Bis(2-ethylhexyl)phthalate	14.18	149	1318438	42.144	ng #	96
84) Di-n-octyl phthalate	14.81	149	2089253	43.790	ng #	93
85) Indeno(1,2,3-cd)pyrene	17.40	276	1681583	40.140	ng #	91
87) Benzo(b)fluoranthene	15.31	252	1882326	40.090	ng	96
88) Benzo(k)fluoranthene	15.34	252	1752451	40.603	ng #	96
89) Benzo(a)pyrene	15.71	252	1685938	40.099	ng	96
90) Dibenzo(a,h)anthracene	17.42	278	1411218	40.566	ng #	93
91) Benzo(g,h,i)perylene	17.89	276	1364287	39.827	ng #	92

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

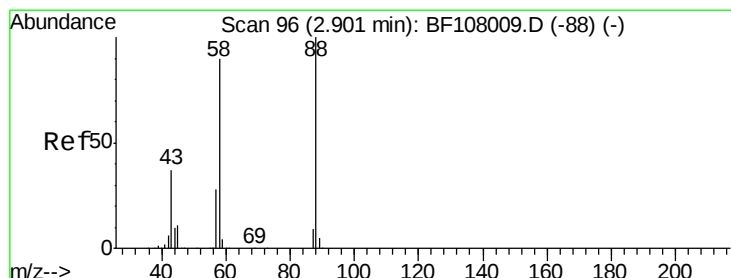
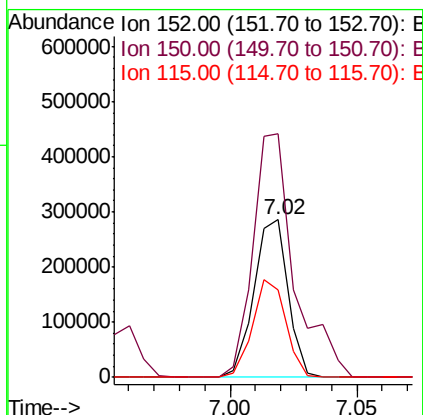
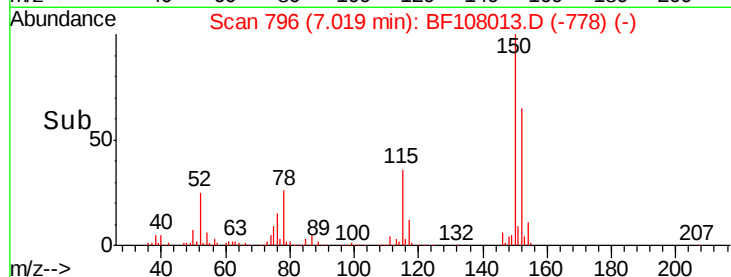
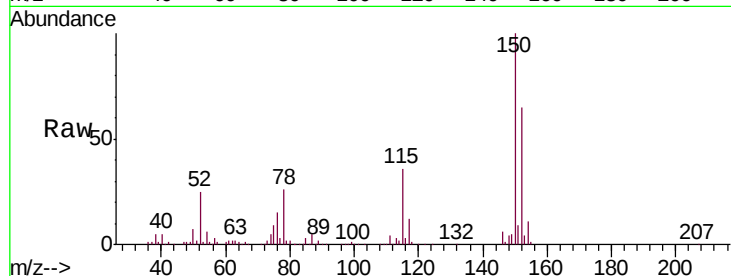


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108013.D
Acq: 8 Aug 2018 12:19

Instrument :
BNA_F
ClientSampleId :
DFTPP

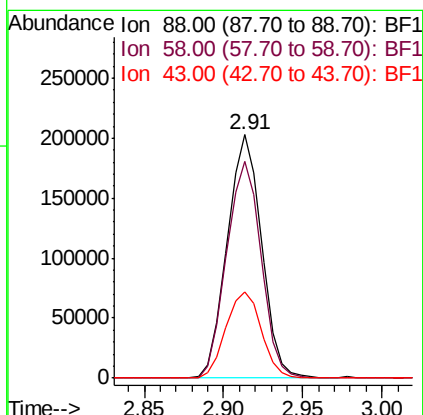
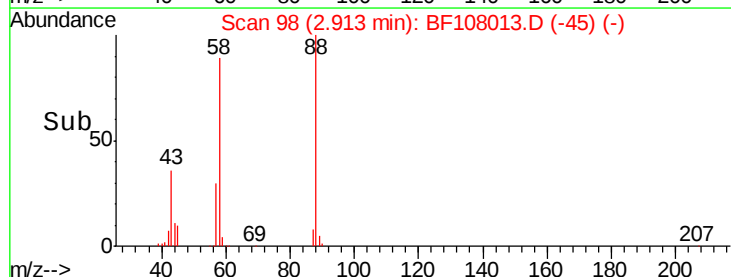
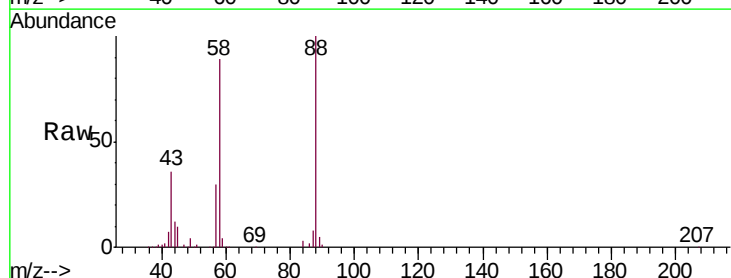
Tgt Ion:152 Resp: 269240
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 55.7 50.1 75.1

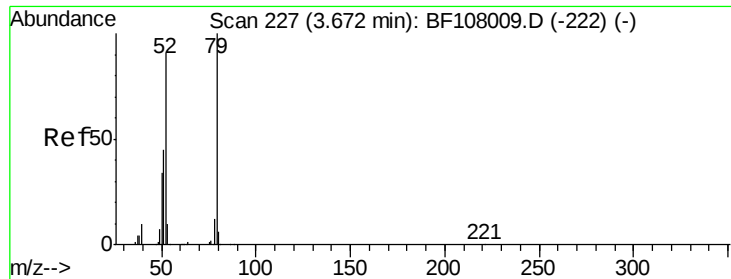


#2

1,4-Dioxane
Concen: 39.439 ng
RT: 2.91 min Scan# 98
Delta R.T. 0.01 min
Lab File: BF108013.D
Acq: 8 Aug 2018 12:19

Tgt Ion: 88 Resp: 301372
Ion Ratio Lower Upper
88 100
58 90.1 62.6 93.8
43 37.2 24.6 37.0#





#3

Pyridine

Concen: 40.413 ng

RT: 3.68 min Scan# 228

Delta R.T. 0.01 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

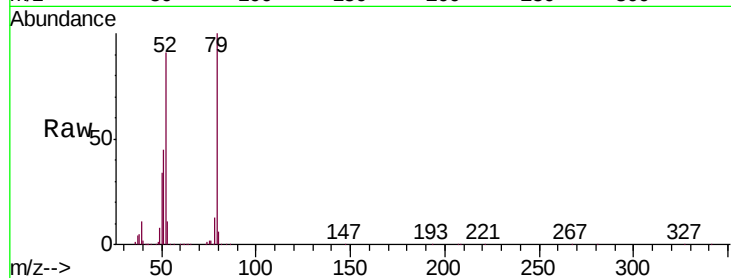
Tgt Ion: 79 Resp: 795513

Ion Ratio Lower Upper

79 100

52 91.2 59.8 89.6#

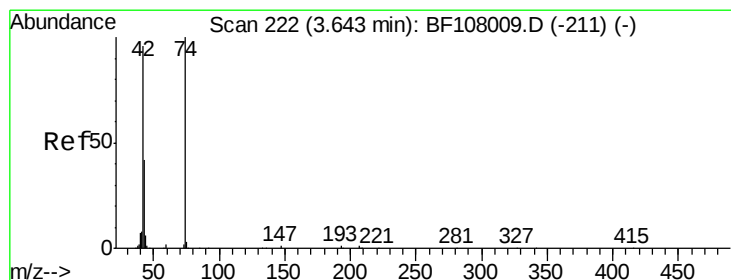
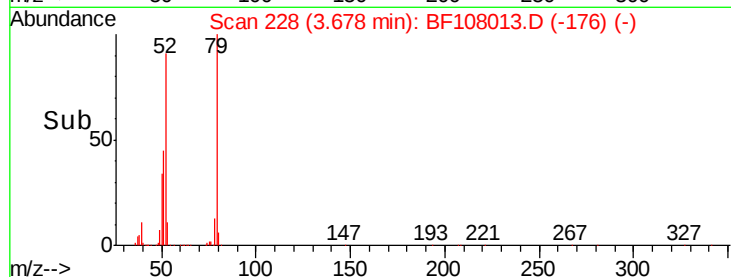
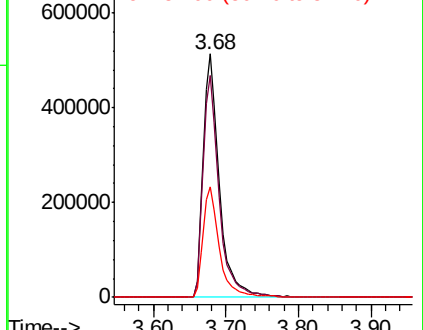
51 45.5 29.8 44.8#



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: 40.620 ng

RT: 3.65 min Scan# 223

Delta R.T. 0.01 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

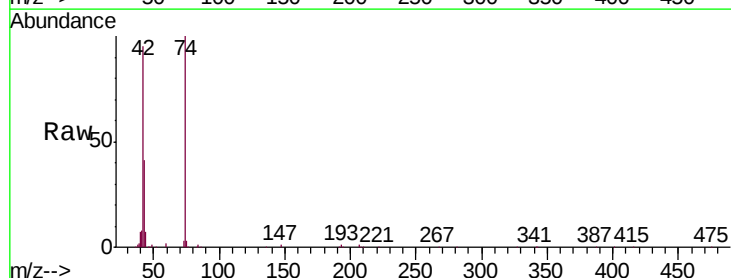
Tgt Ion: 42 Resp: 449922

Ion Ratio Lower Upper

42 100

74 104.9 104.9 157.3

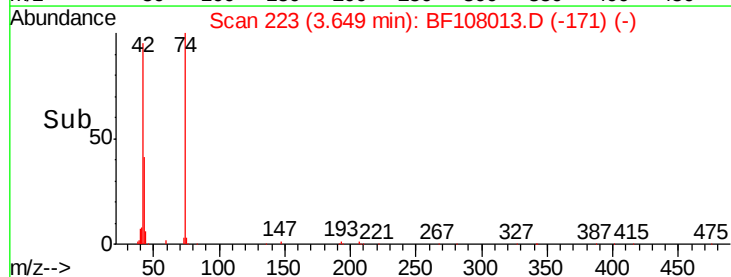
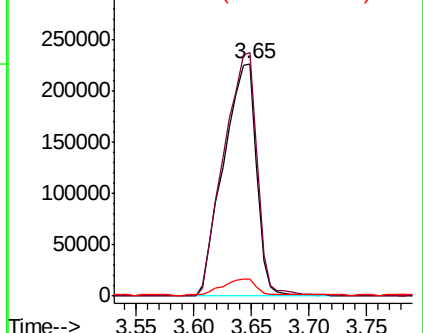
44 7.1 6.9 10.3

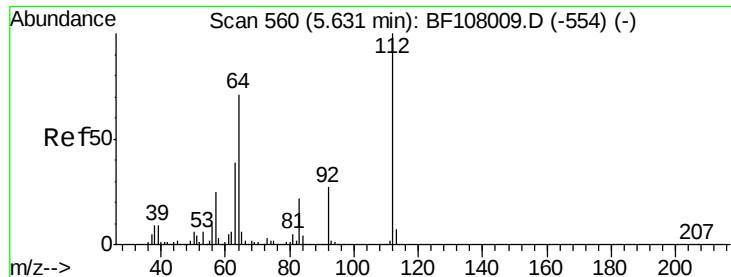


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 79.991 ng

RT: 5.63 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

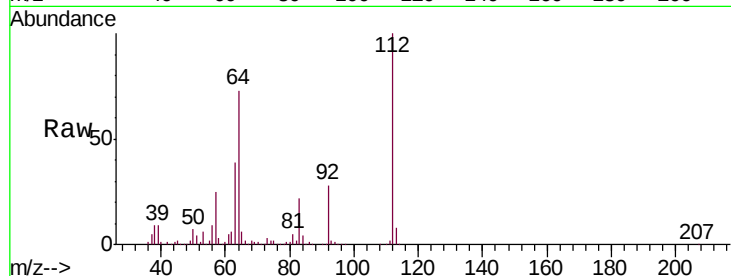
Tgt Ion:112 Resp: 1189573

Ion Ratio Lower Upper

112 100

64 72.7 47.9 71.9#

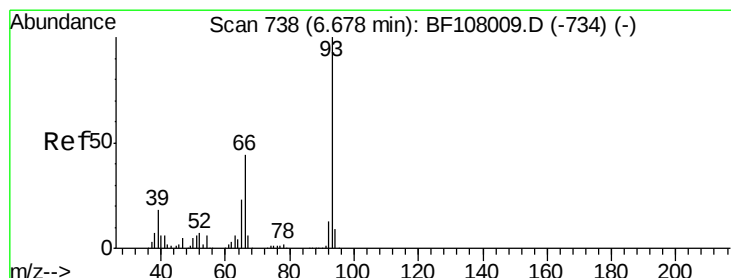
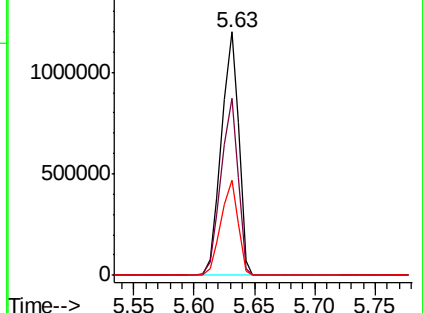
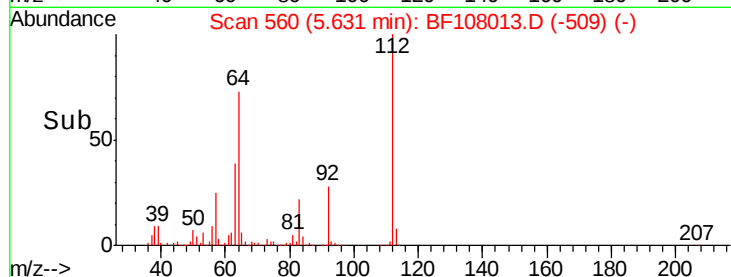
63 39.3 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.676 ng

RT: 6.68 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

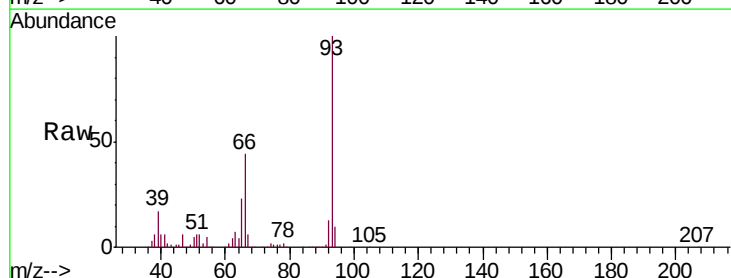
Tgt Ion: 93 Resp: 1066530

Ion Ratio Lower Upper

93 100

66 43.7 32.2 48.2

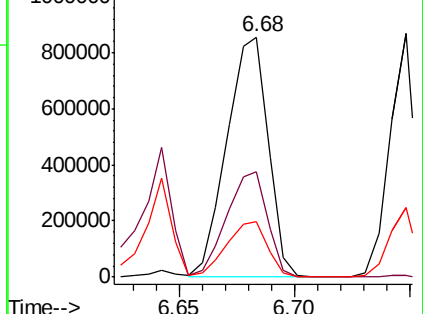
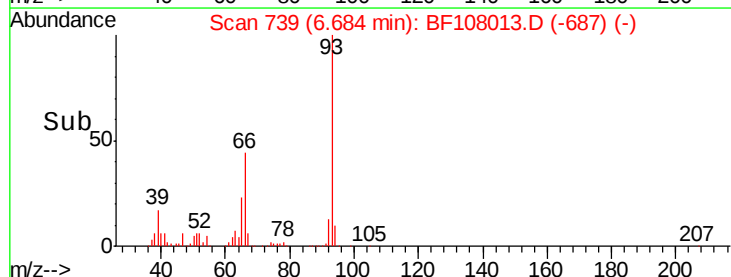
65 23.0 16.4 24.6

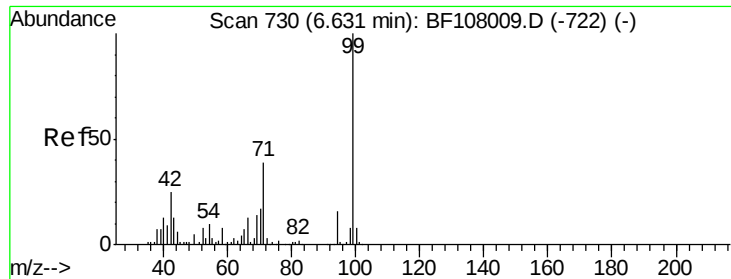


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.579 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

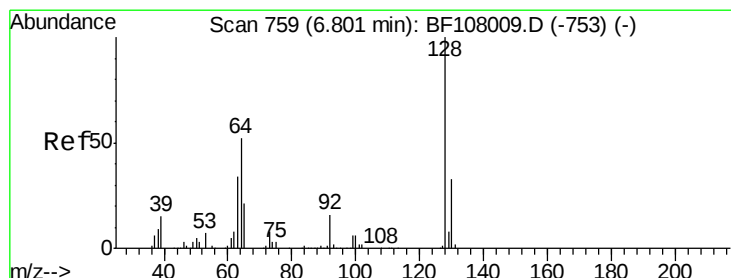
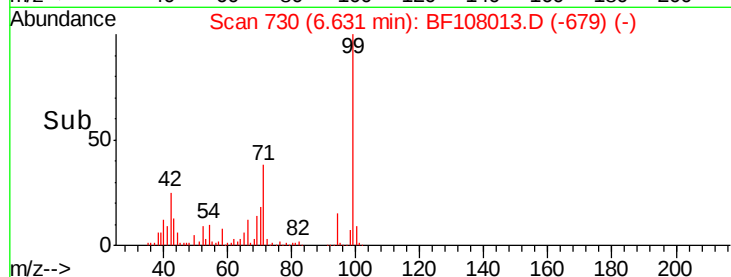
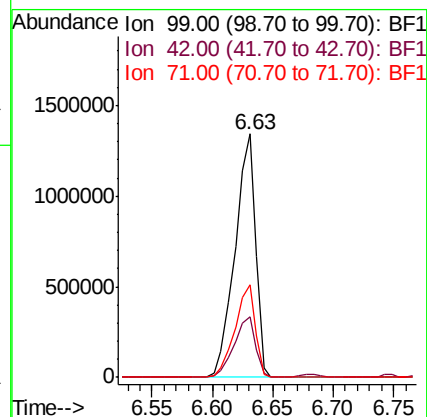
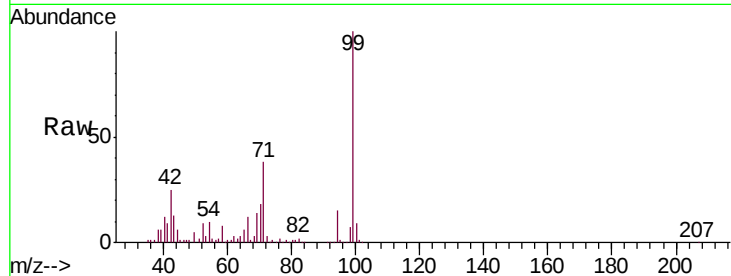
Tgt Ion: 99 Resp: 1592403

Ion Ratio Lower Upper

99 100

42 25.1 14.5 21.7#

71 38.3 25.4 38.0#



#8

2-Chlorophenol

Concen: 39.992 ng

RT: 6.80 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

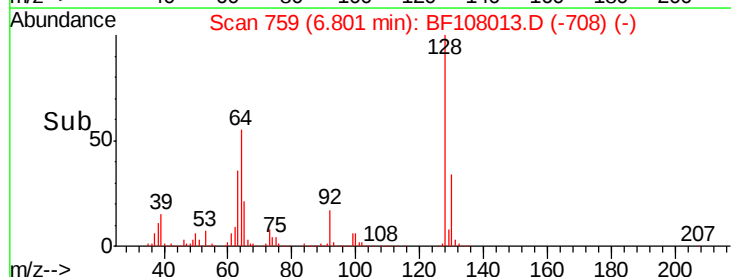
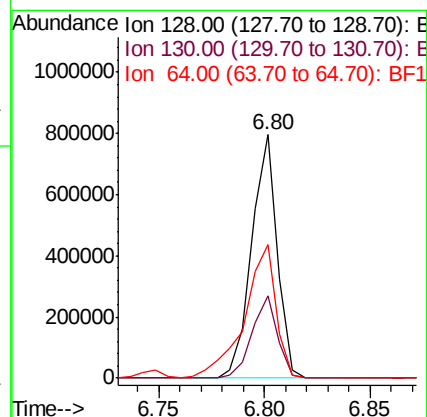
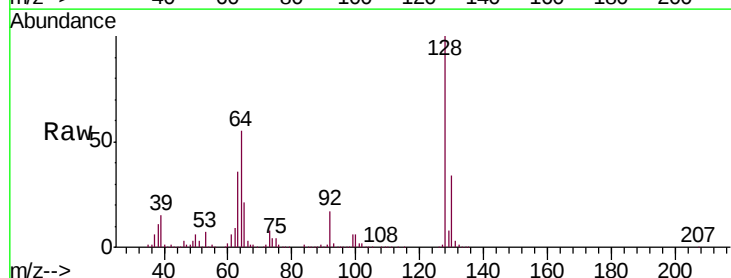
Tgt Ion: 128 Resp: 669830

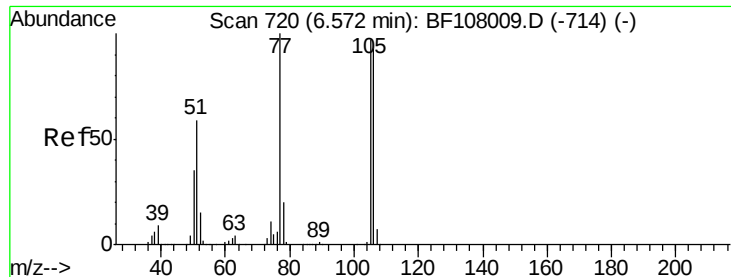
Ion Ratio Lower Upper

128 100

130 33.8 13.0 53.0

64 54.9 29.4 69.4





#9

Benzaldehyde

Concen: 40.089 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

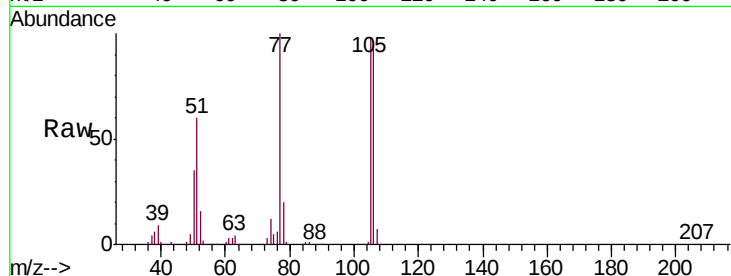
Tgt Ion: 77 Resp: 614232

Ion Ratio Lower Upper

77 100

105 97.6 81.1 121.1

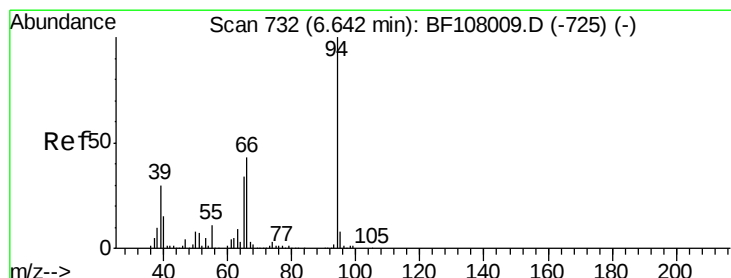
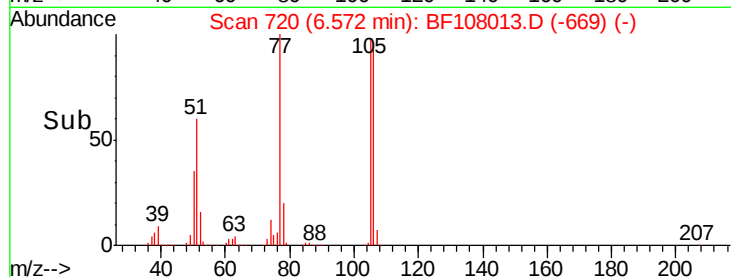
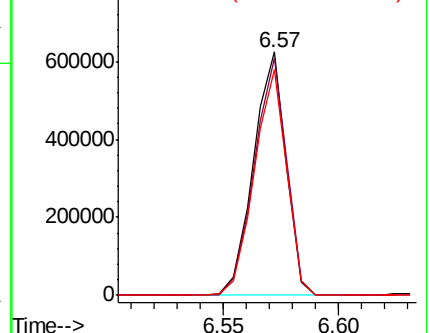
106 92.6 74.5 114.5



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: 40.024 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

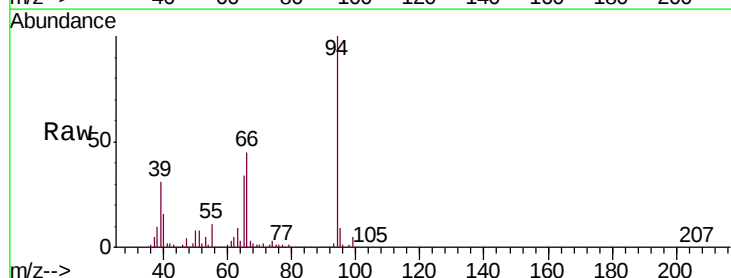
Tgt Ion: 94 Resp: 818150

Ion Ratio Lower Upper

94 100

65 34.4 7.9 47.9

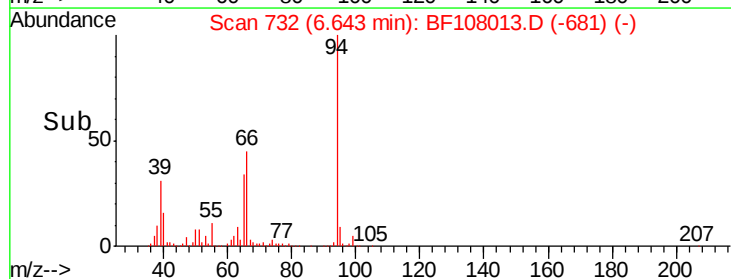
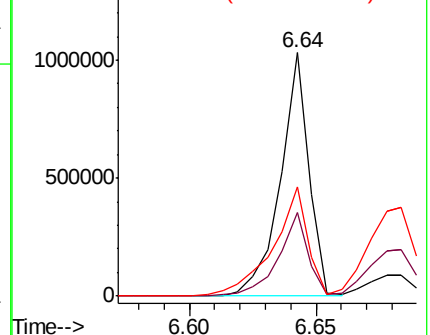
66 44.8 16.2 56.2

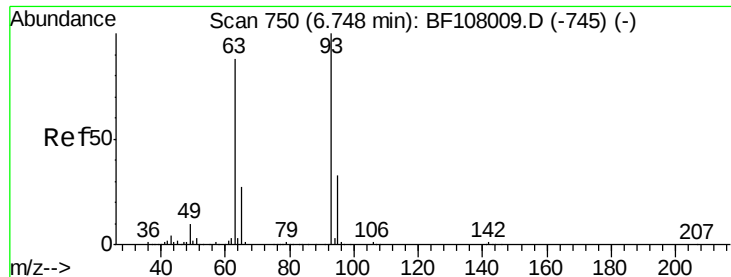


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

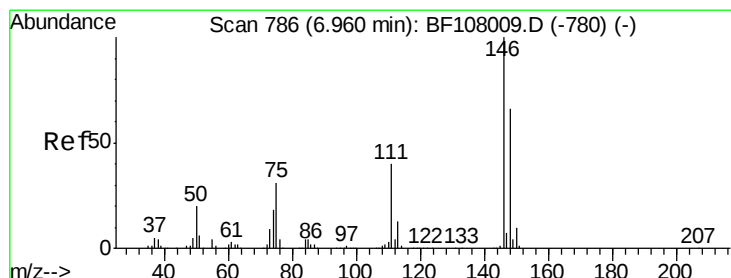
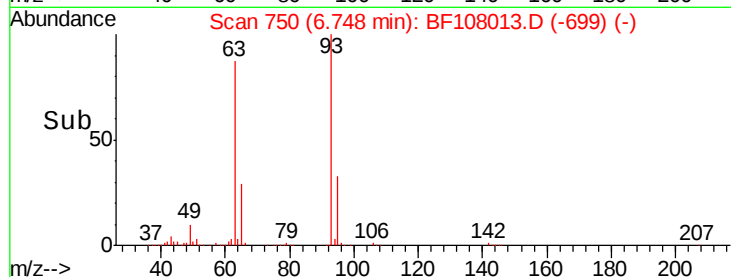
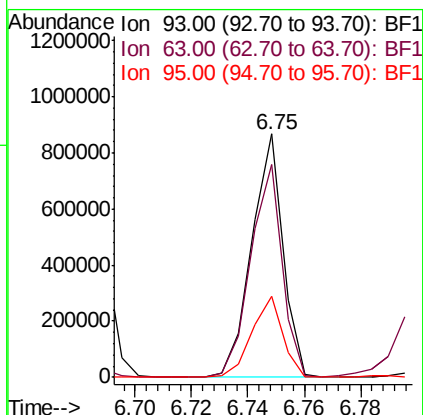
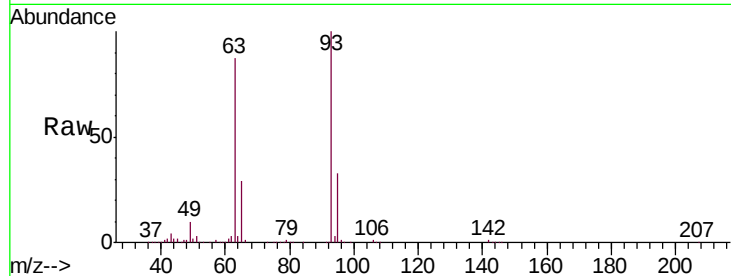




#11
bis(2-Chloroethyl)ether
Concen: 40.194 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF108013.D
Acq: 8 Aug 2018 12:19

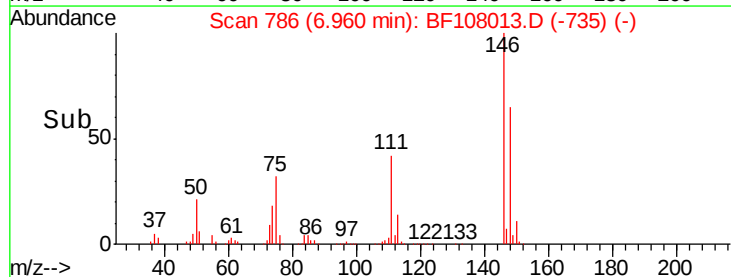
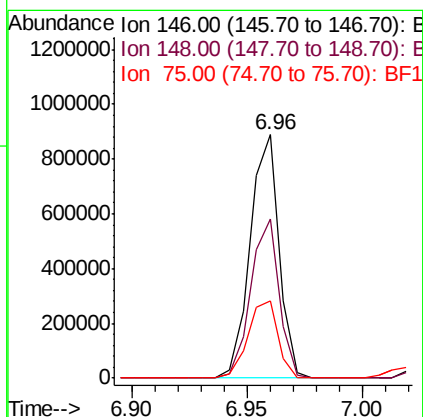
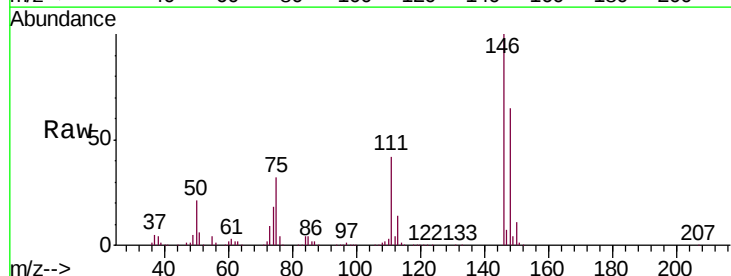
Instrument :
BNA_F
ClientSampleId :
DFTPP

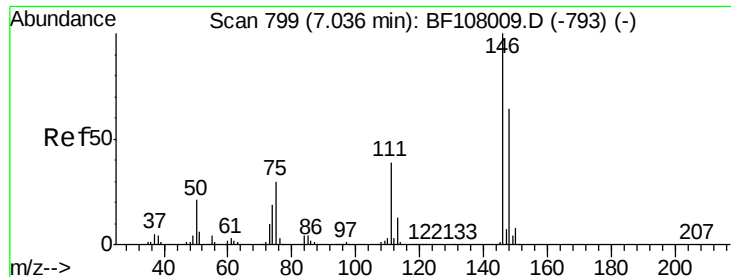
Tgt Ion: 93 Resp: 664246
Ion Ratio Lower Upper
93 100
63 87.4 58.6 98.6
95 33.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.161 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF108013.D
Acq: 8 Aug 2018 12:19

Tgt Ion: 146 Resp: 777771
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.8
75 31.9 24.2 36.4

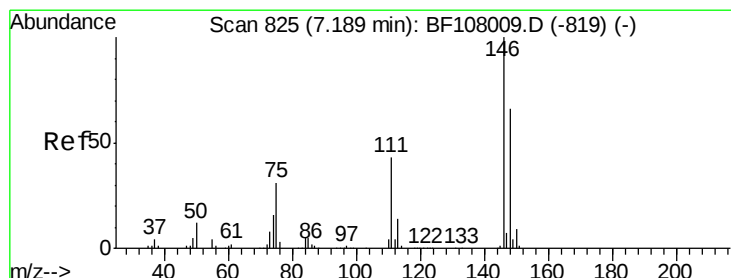
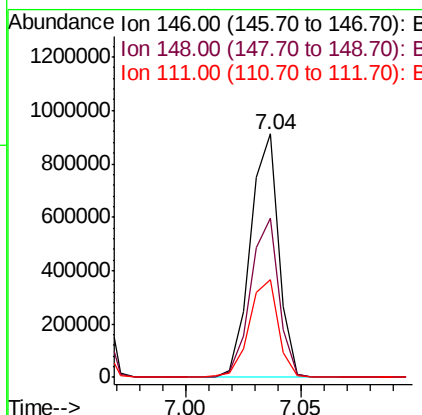
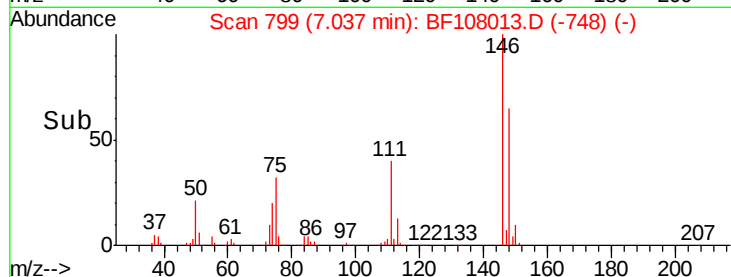
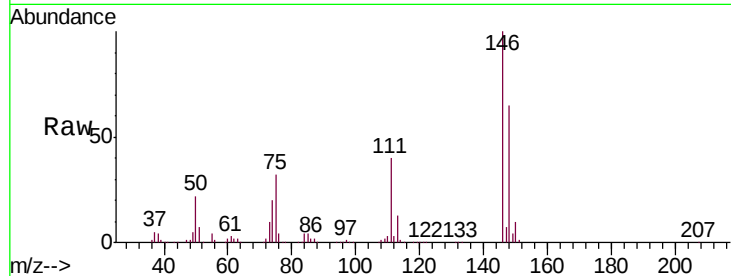




#13
 1,4-Dichlorobenzene
 Concen: 40.154 ng
 RT: 7.04 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF108013.D
 Acq: 8 Aug 2018 12:19

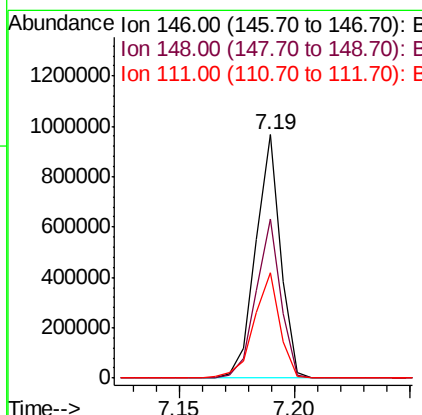
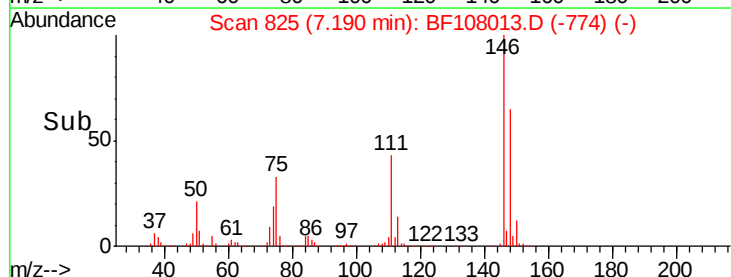
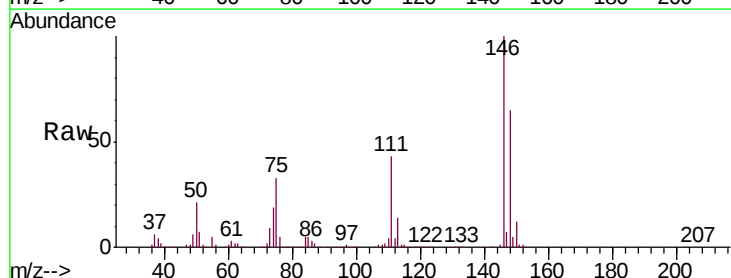
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

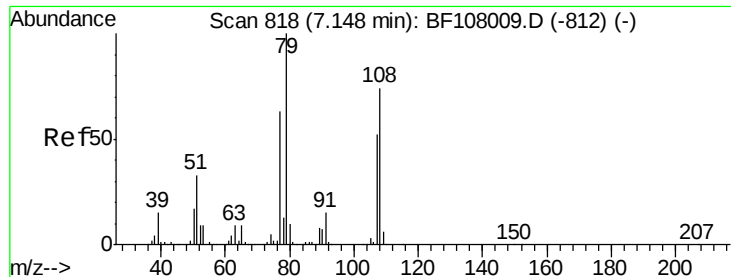
Tgt Ion:146 Resp: 781308
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.8 76.2
 111 40.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.110 ng
 RT: 7.19 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF108013.D
 Acq: 8 Aug 2018 12:19

Tgt Ion:146 Resp: 725948
 Ion Ratio Lower Upper
 146 100
 148 65.3 50.6 75.8
 111 43.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 41.815 ng

RT: 7.15 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

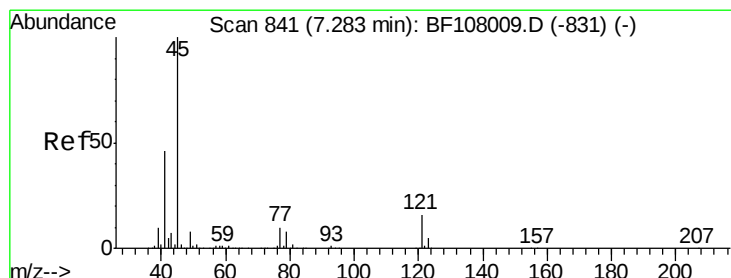
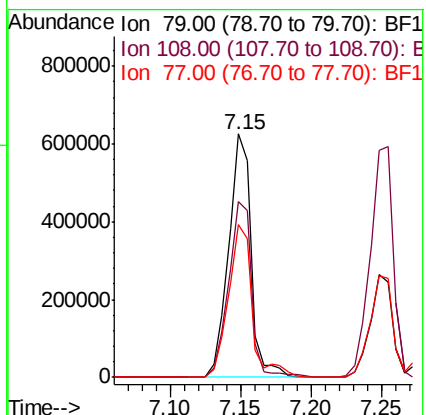
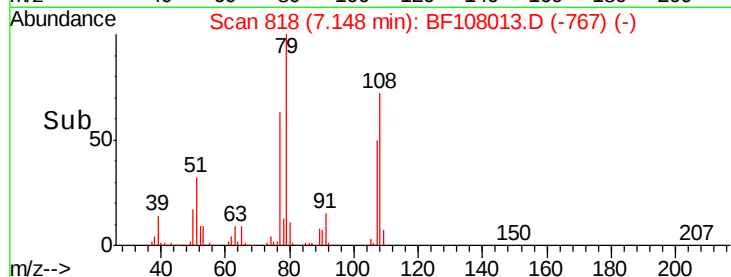
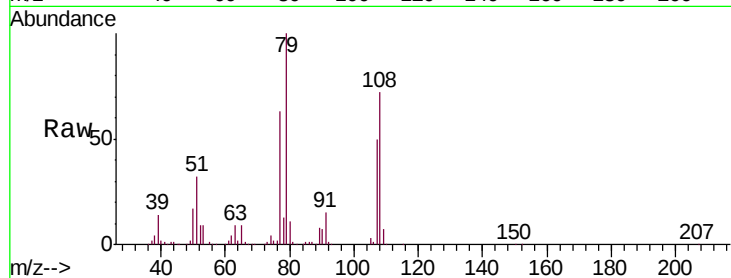
Tgt Ion: 79 Resp: 695668

Ion Ratio Lower Upper

79 100

108 72.3 65.1 97.7

77 62.9 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.927 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

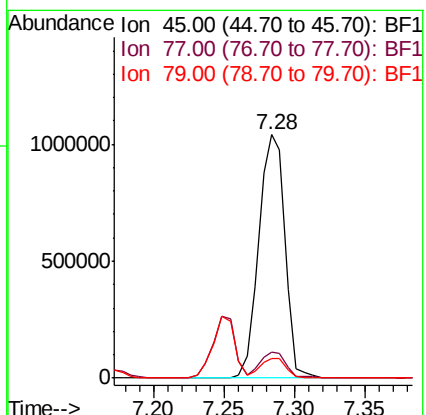
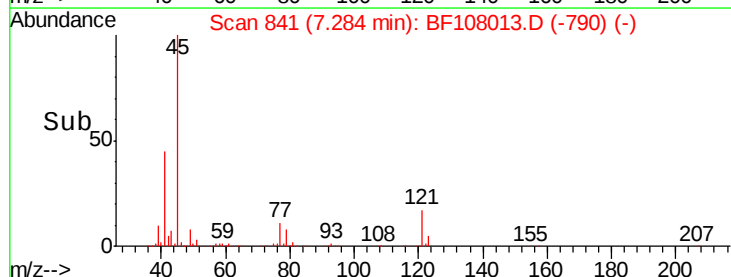
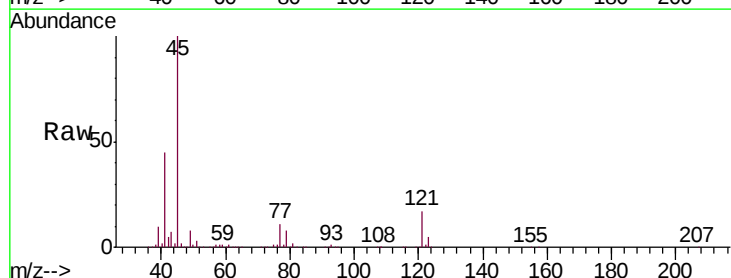
Tgt Ion: 45 Resp: 1359314

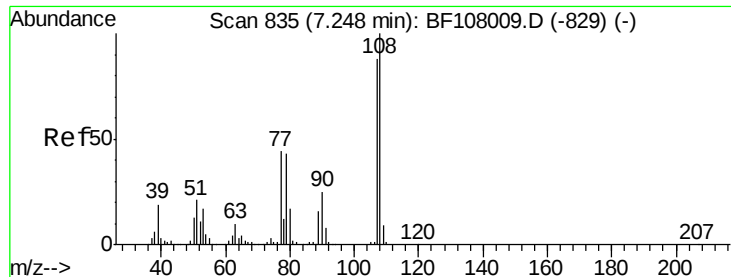
Ion Ratio Lower Upper

45 100

77 10.7 0.0 32.9

79 8.2 0.0 29.6

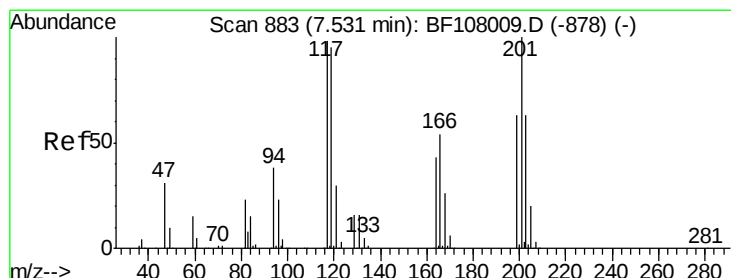
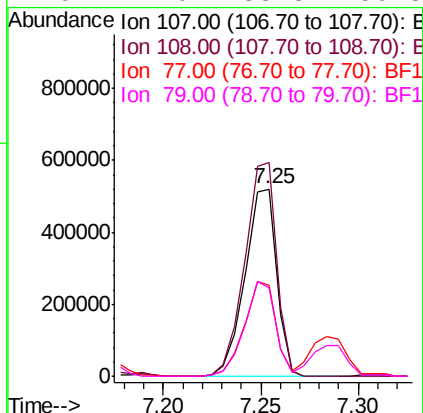
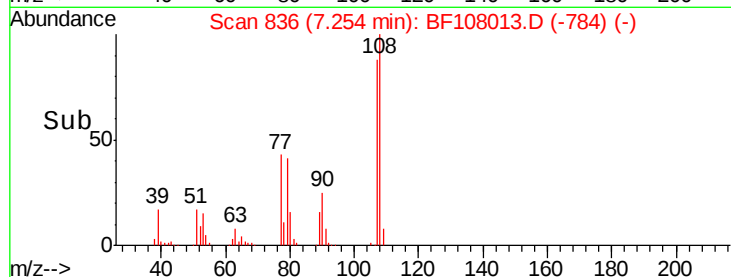
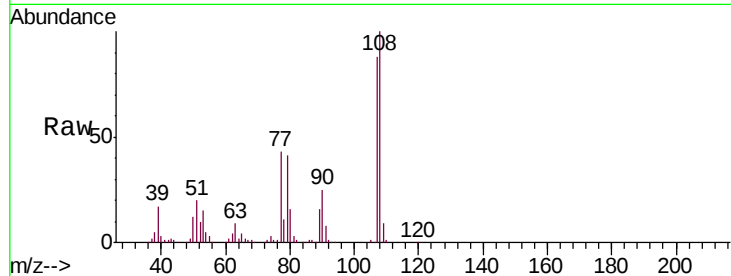




#17
2-Methylphenol
Concen: 40.817 ng
RT: 7.25 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF108013.D
Acq: 8 Aug 2018 12:19

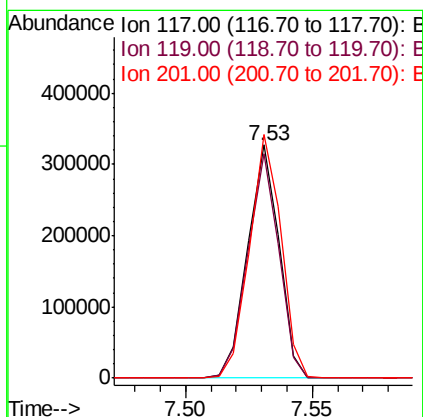
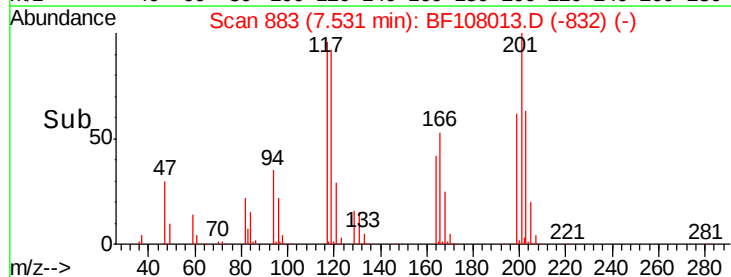
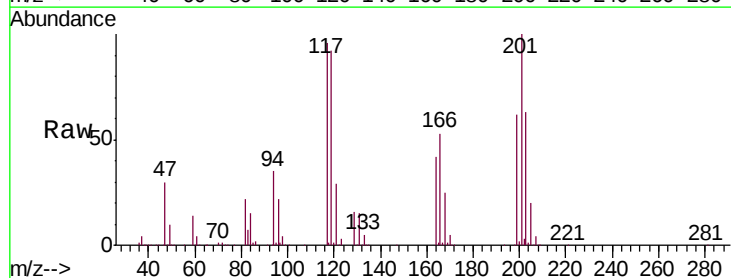
Instrument :
BNA_F
ClientSampleId :
DFTPP

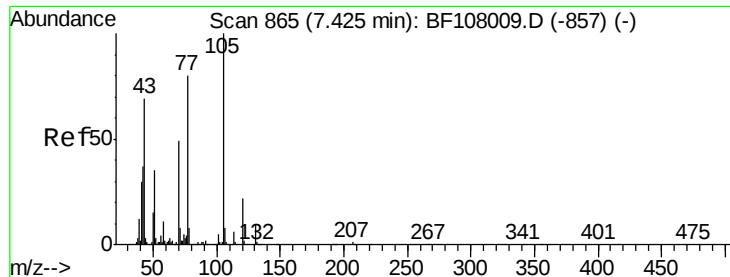
Tgt Ion:107 Resp: 586278
Ion Ratio Lower Upper
107 100
108 114.1 91.7 137.5
77 48.8 33.8 50.8
79 47.0 33.8 50.8



#18
Hexachloroethane
Concen: 40.777 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108013.D
Acq: 8 Aug 2018 12:19

Tgt Ion:117 Resp: 282474
Ion Ratio Lower Upper
117 100
119 96.4 75.8 113.8
201 104.5 75.7 113.5

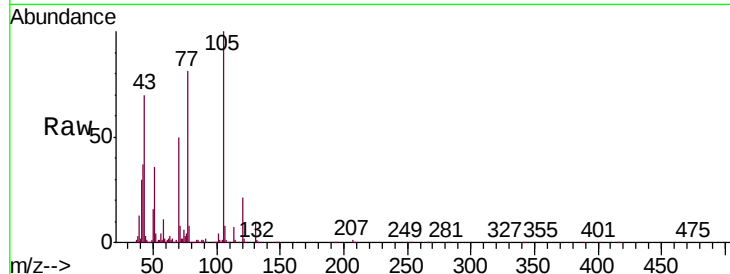




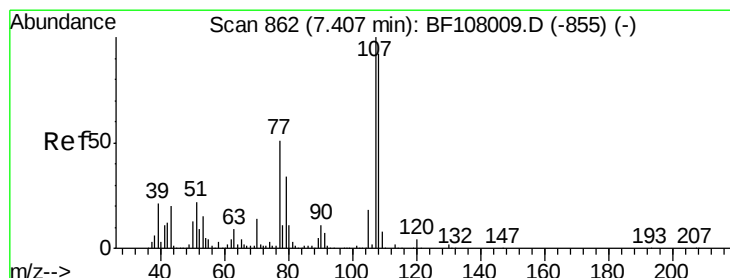
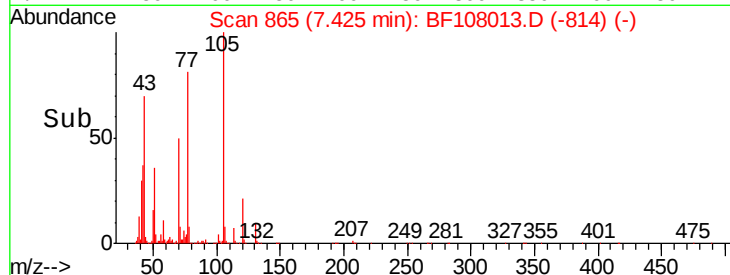
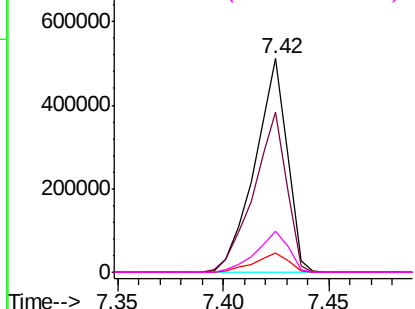
#19
n-Nitroso-di-n-propylamine
Concen: 40.830 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108013.D
Acq: 8 Aug 2018 12:19

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 70 Resp: 545638
Ion Ratio Lower Upper
70 100
42 75.0 47.5 71.3#
101 8.9 7.4 11.2
130 19.2 16.6 25.0

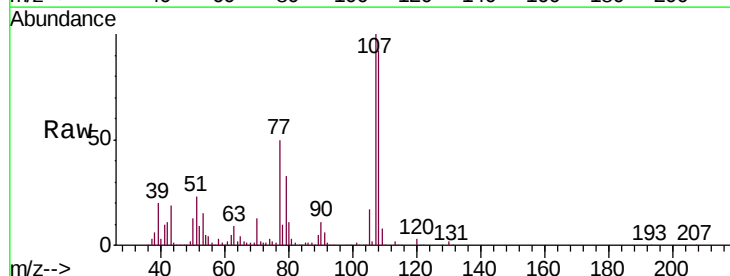


Abundance Ion 70.00 (69.70 to 70.70): BF1
800000
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

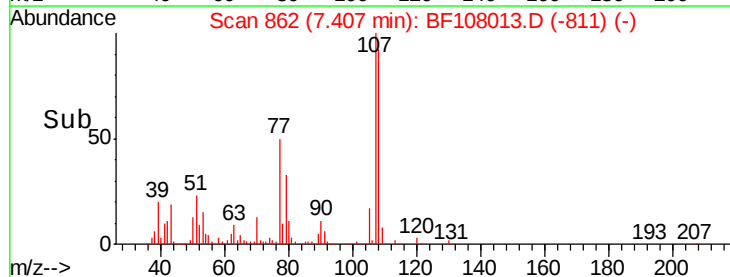
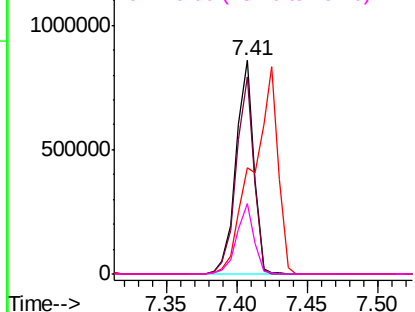


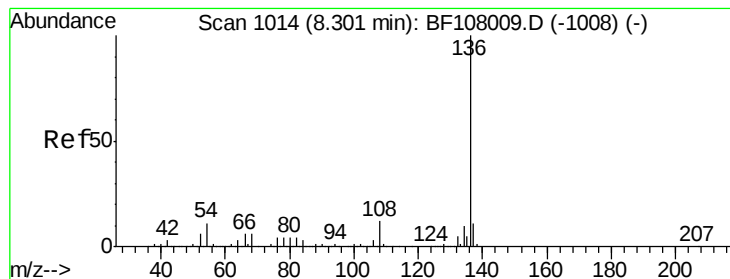
#20
3+4-Methylphenols
Concen: 40.951 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF108013.D
Acq: 8 Aug 2018 12:19

Tgt Ion: 107 Resp: 753754
Ion Ratio Lower Upper
107 100
108 92.4 68.2 108.2
77 49.7 26.7 66.7
79 33.2 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

Instrument :

BNA_F

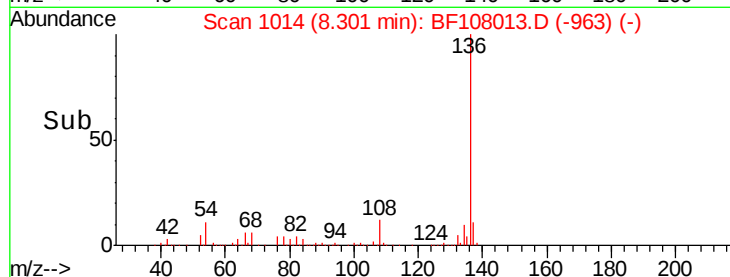
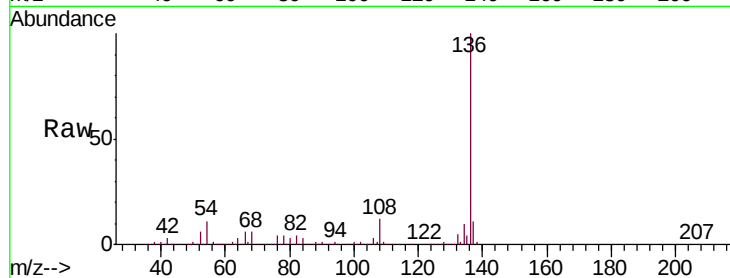
ClientSampleId :

DFTPP

Tgt Ion:136 Resp: 1071649

Ion Ratio Lower Upper

136	100		
137	11.3	8.9	13.3
54	10.8	6.6	9.8#
68	6.2	5.0	7.4



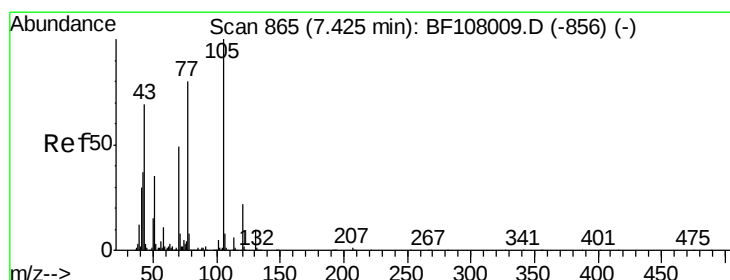
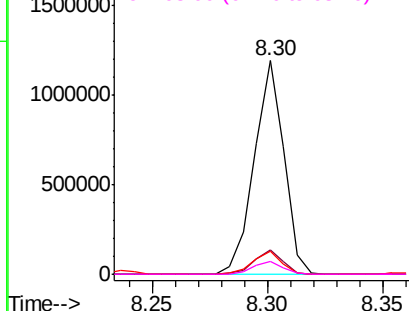
Abundance

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: 40.390 ng

RT: 7.42 min Scan# 865

Delta R.T. 0.00 min

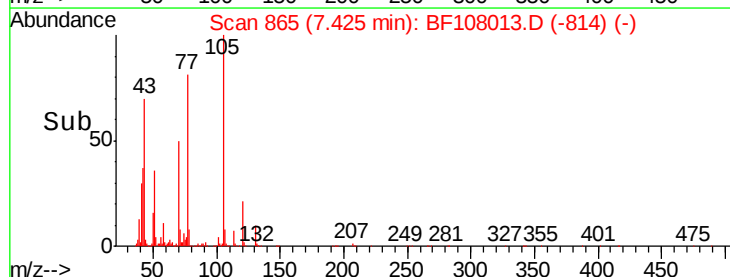
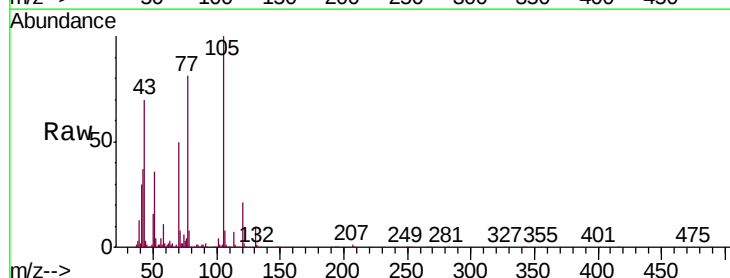
Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

Tgt Ion:105 Resp: 1012083

Ion Ratio Lower Upper

105	100		
71	8.2	4.4	6.6#
51	35.8	22.3	33.5#
120	21.3	16.9	25.3



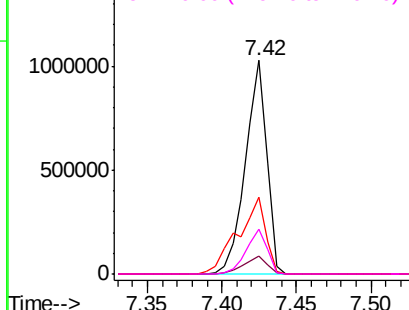
Abundance

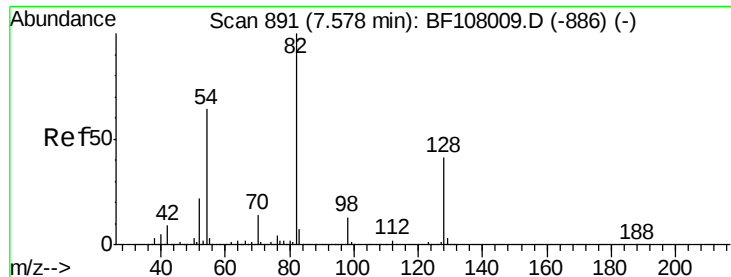
Ion 105.00 (104.70 to 105.70): E

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

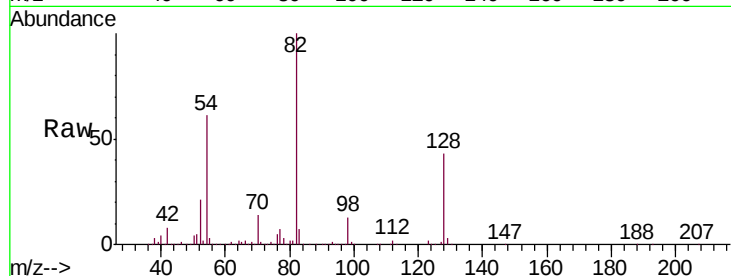




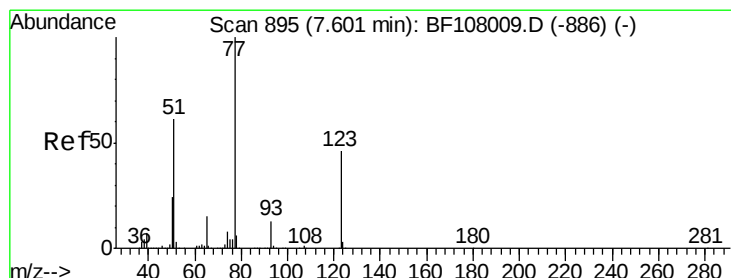
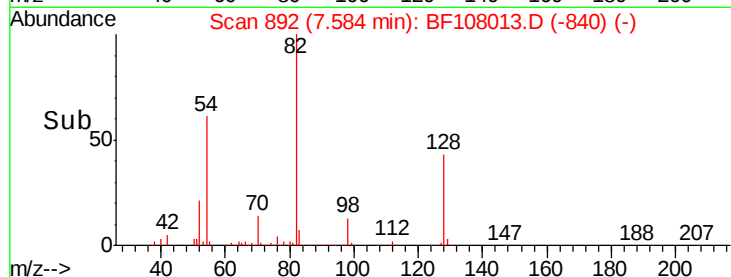
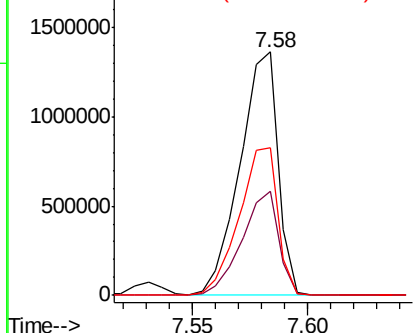
#23
 Nitrobenzene-d5
 Concen: 81.936 ng
 RT: 7.58 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF108013.D
 Acq: 8 Aug 2018 12:19

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 82 Resp: 1573561
 Ion Ratio Lower Upper
 82 100
 128 42.8 36.1 54.1
 54 60.7 41.4 62.2

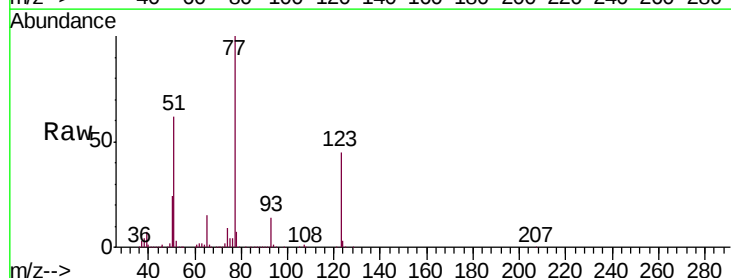


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

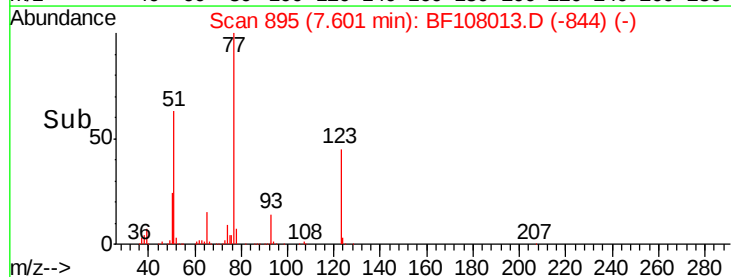
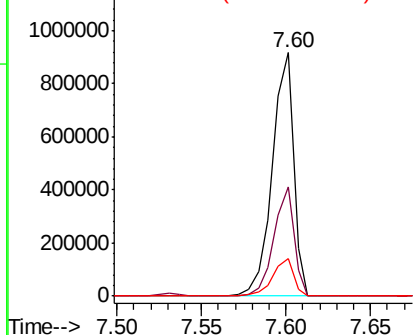


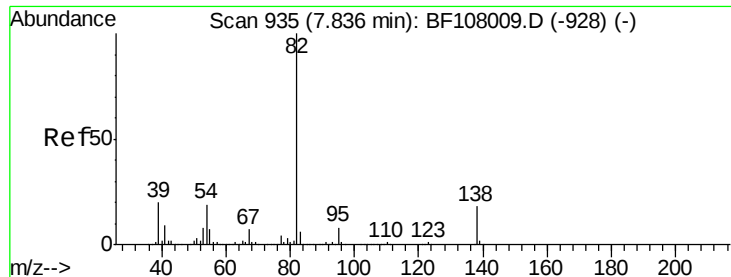
#24
 Nitrobenzene
 Concen: 41.162 ng
 RT: 7.60 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF108013.D
 Acq: 8 Aug 2018 12:19

Tgt Ion: 77 Resp: 799366
 Ion Ratio Lower Upper
 77 100
 123 45.1 37.9 56.9
 65 15.3 11.0 16.4



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

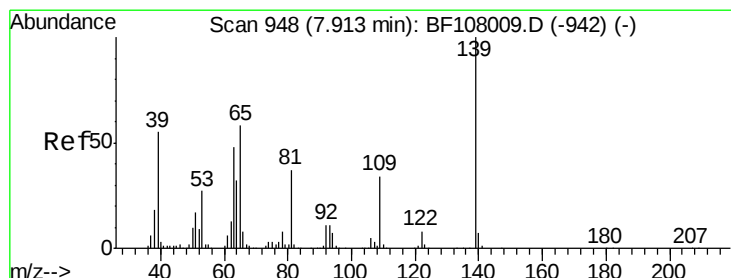
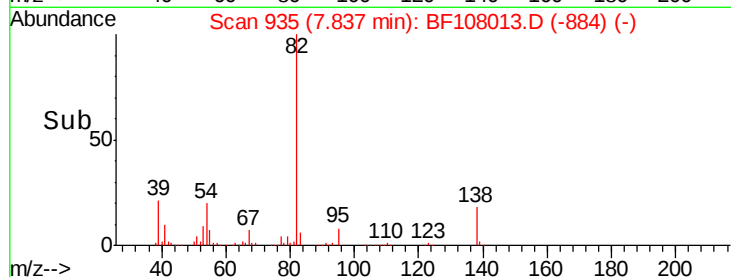
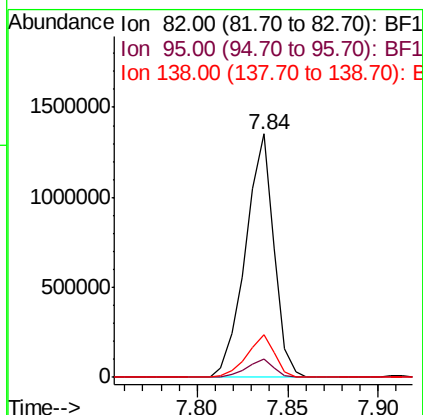
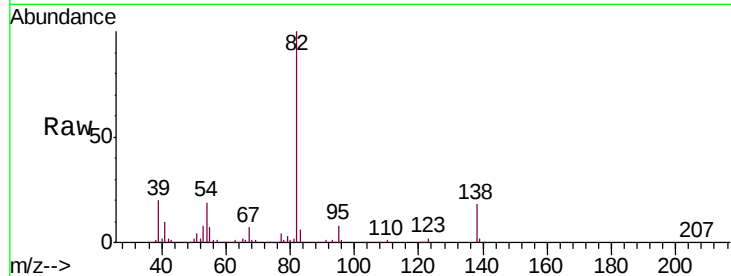




#25
Isophorone
Concen: 40.146 ng
RT: 7.84 min Scan# 935
Delta R.T. 0.00 min
Lab File: BF108013.D
Acq: 8 Aug 2018 12:19

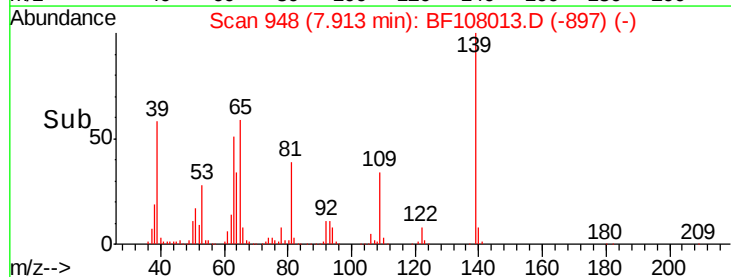
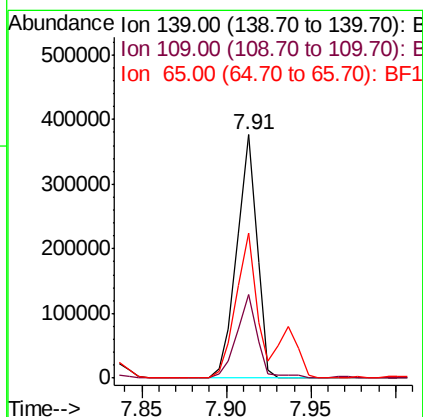
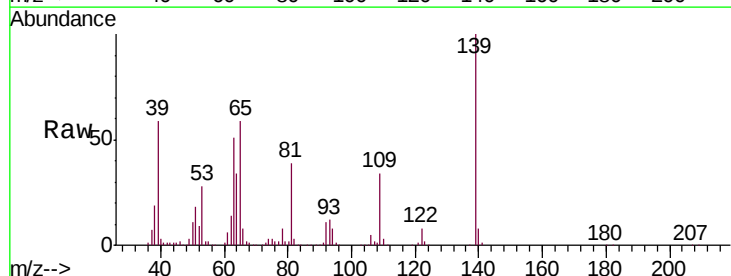
Instrument :
BNA_F
ClientSampleId :
DFTPP

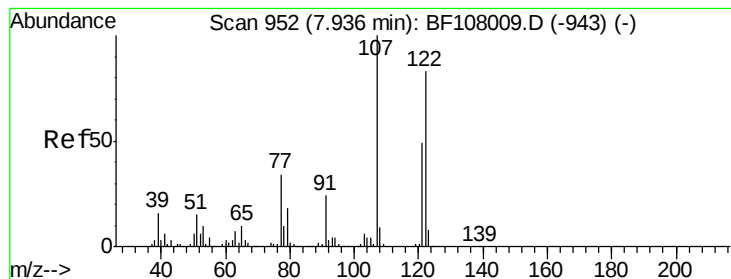
Tgt Ion: 82 Resp: 1469549
Ion Ratio Lower Upper
82 100
95 7.7 5.2 7.8
138 17.7 14.9 22.3



#26
2-Nitrophenol
Concen: 42.815 ng
RT: 7.91 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF108013.D
Acq: 8 Aug 2018 12:19

Tgt Ion: 139 Resp: 314000
Ion Ratio Lower Upper
139 100
109 34.1 22.7 34.1#
65 59.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 40.598 ng

RT: 7.94 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

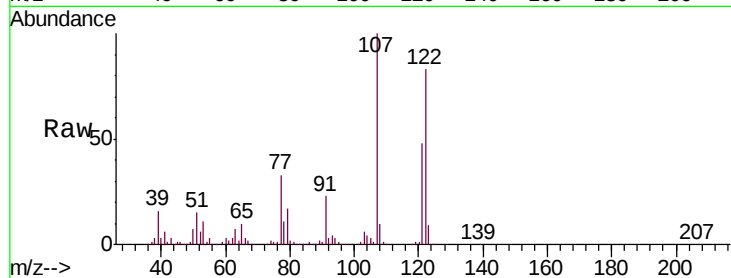
Tgt Ion:122 Resp: 659572

Ion Ratio Lower Upper

122 100

107 120.5 91.2 136.8

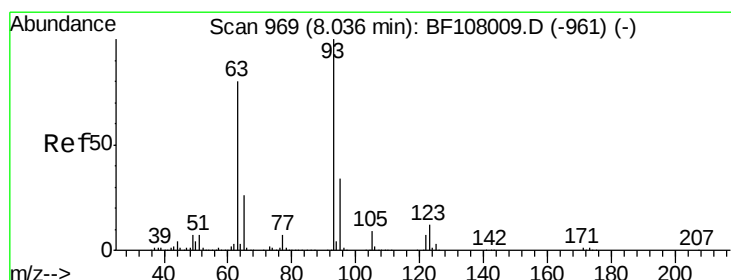
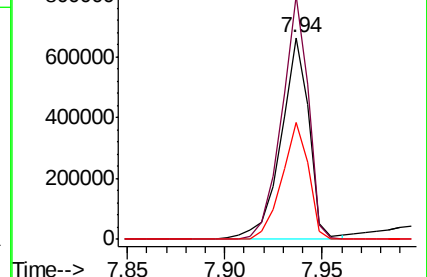
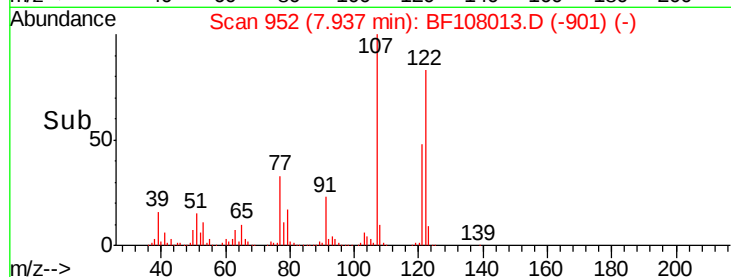
121 57.8 47.2 70.8



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: 39.973 ng

RT: 8.04 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

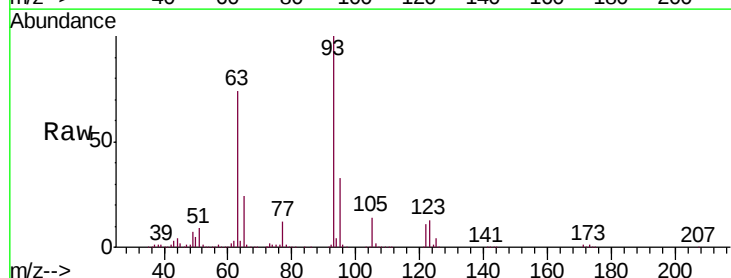
Tgt Ion: 93 Resp: 854177

Ion Ratio Lower Upper

93 100

95 33.4 26.3 39.5

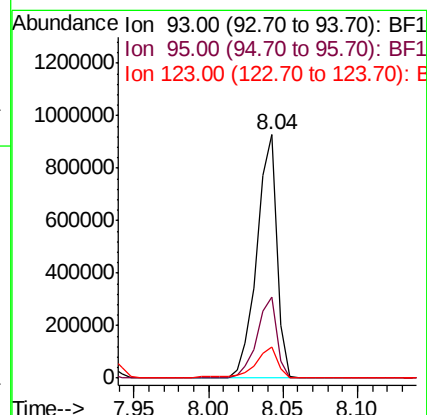
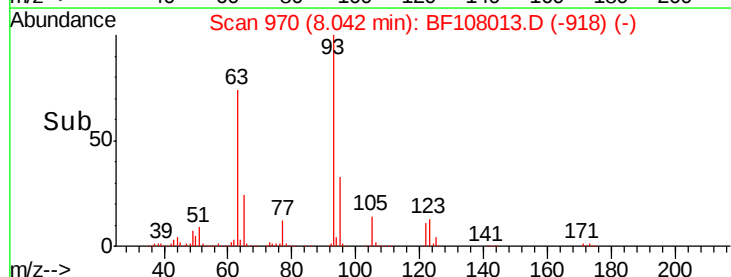
123 12.7 9.8 14.6

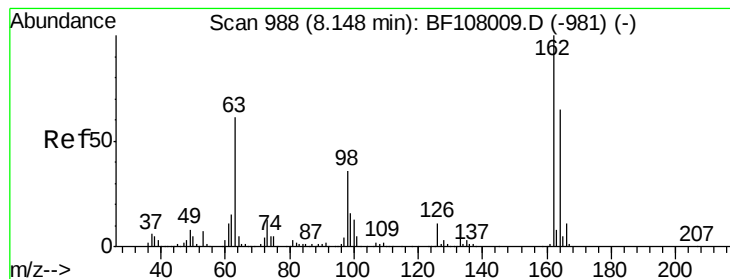


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.374 ng

RT: 8.15 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

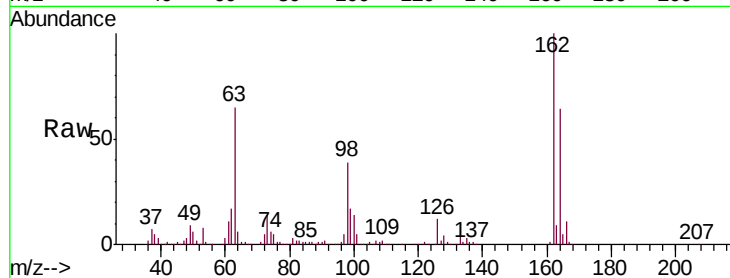
Tgt Ion:162 Resp: 618574

Ion Ratio Lower Upper

162 100

164 64.4 42.7 82.7

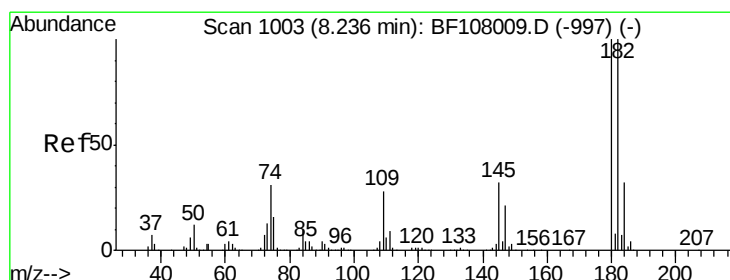
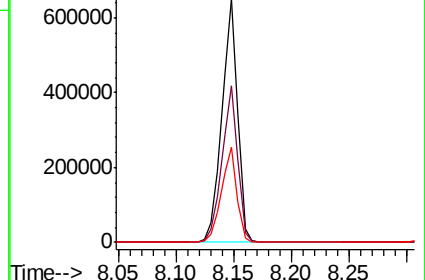
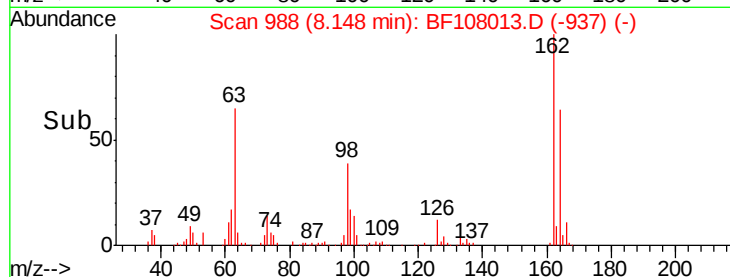
98 38.9 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.942 ng

RT: 8.24 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

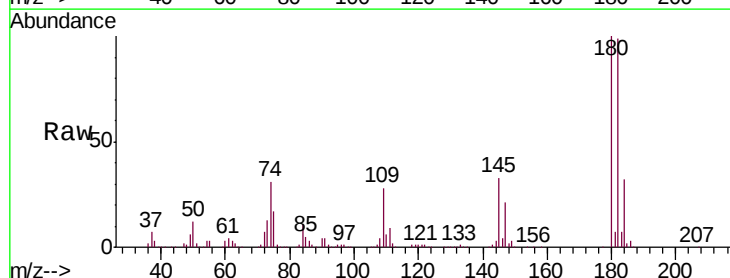
Tgt Ion:180 Resp: 658400

Ion Ratio Lower Upper

180 100

182 98.9 76.8 115.2

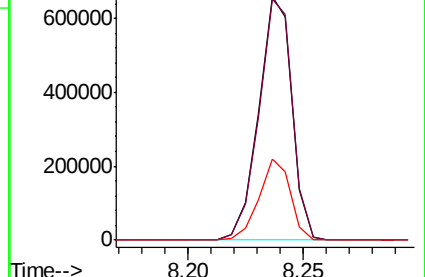
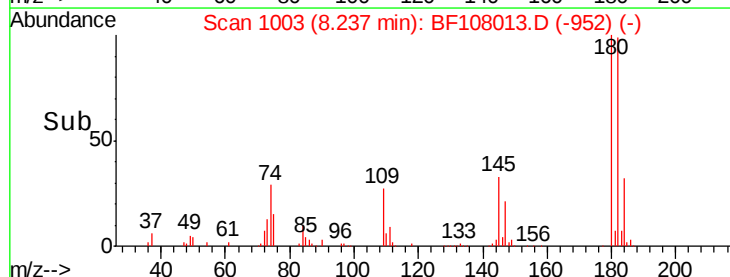
145 33.3 26.5 39.7

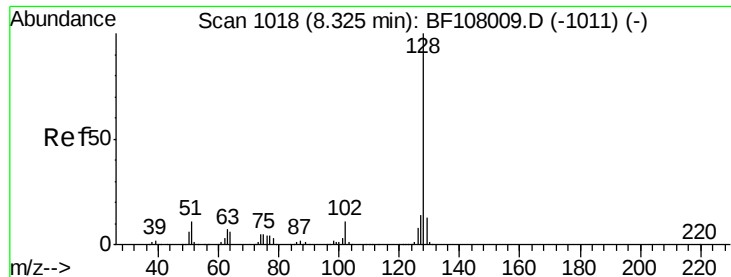


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

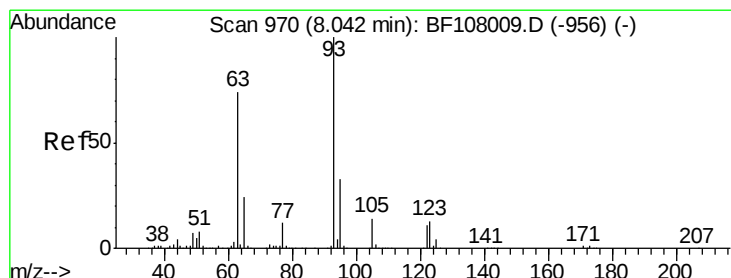
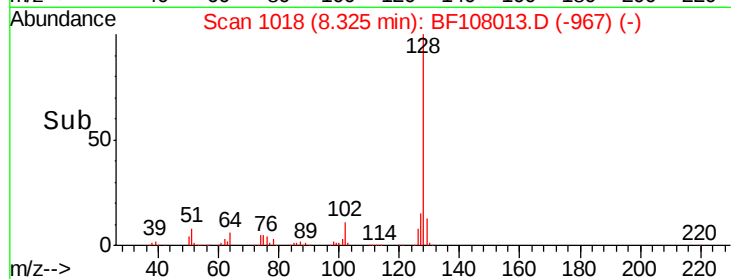
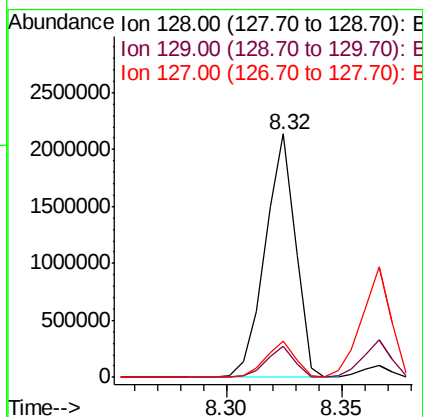
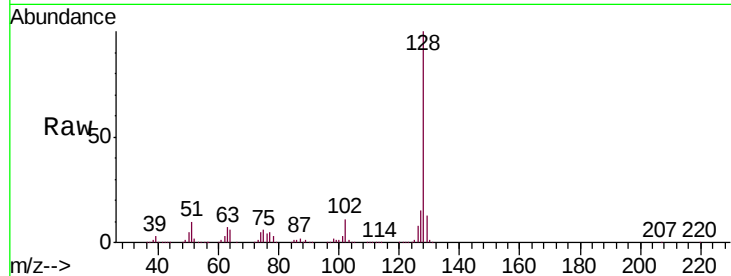




#31
Naphthalene
Concen: 40.115 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF108013.D
Acq: 8 Aug 2018 12:19

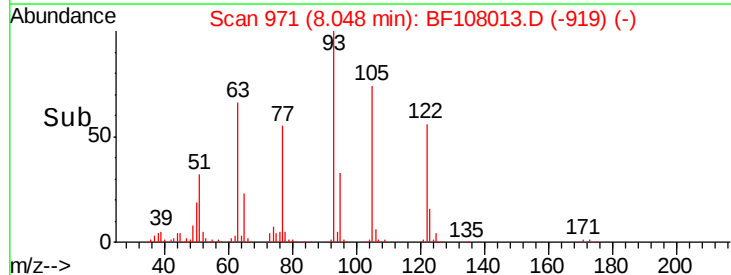
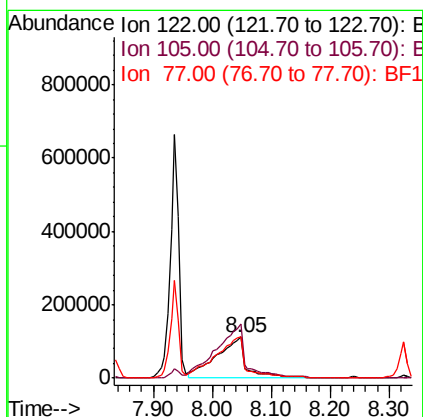
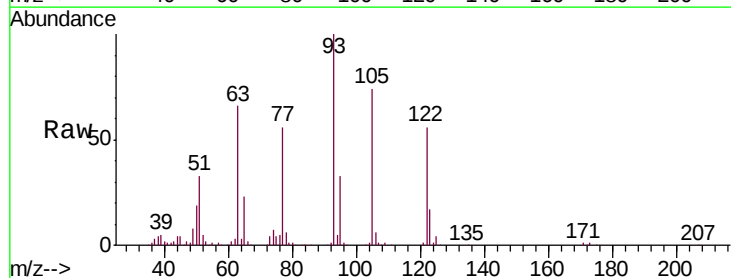
Instrument :
BNA_F
ClientSampled :
DFTPP

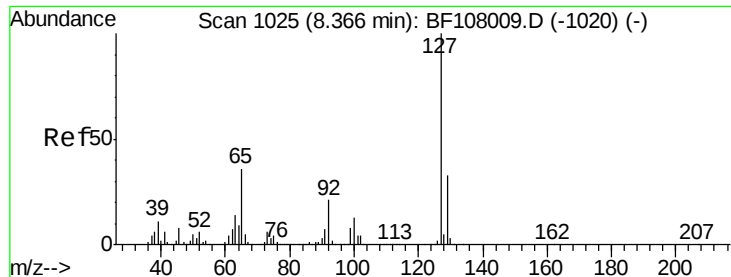
Tgt Ion:128 Resp: 1955033
Ion Ratio Lower Upper
128 100
129 12.5 8.8 13.2
127 14.6 10.9 16.3



#32
Benzoic acid
Concen: 41.483 ng
RT: 8.05 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF108013.D
Acq: 8 Aug 2018 12:19

Tgt Ion:122 Resp: 382348
Ion Ratio Lower Upper
122 100
105 133.4 101.1 141.1
77 99.8 70.7 110.7

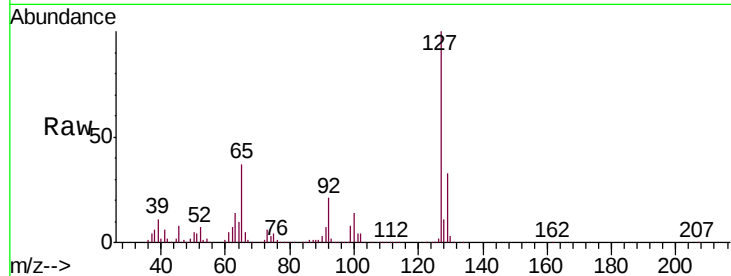




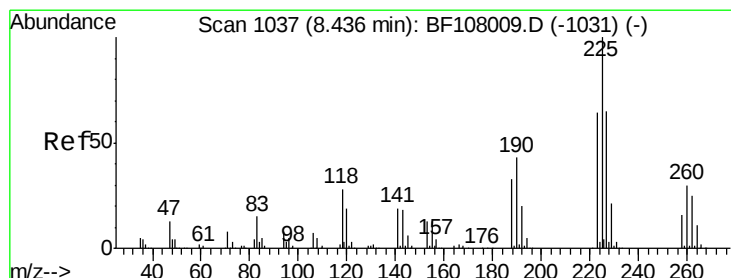
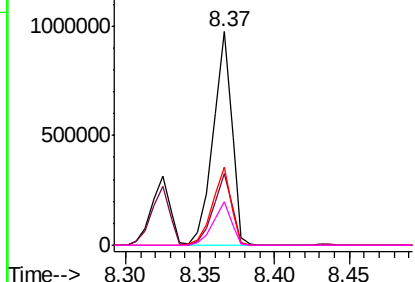
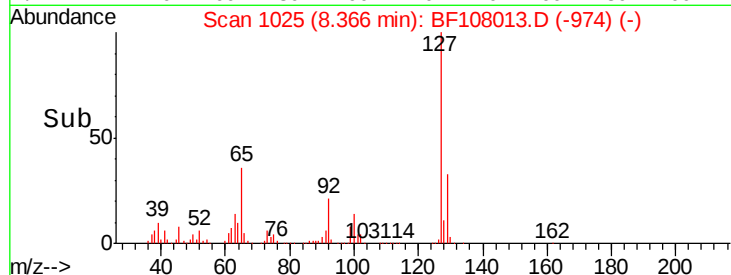
#33
 4-Chloroaniline
 Concen: 39.984 ng
 RT: 8.37 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF108013.D
 Acq: 8 Aug 2018 12:19

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:	127	Resp:	849214
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.9	38.9
65	36.6	25.0	37.4
92	20.6	15.2	22.8

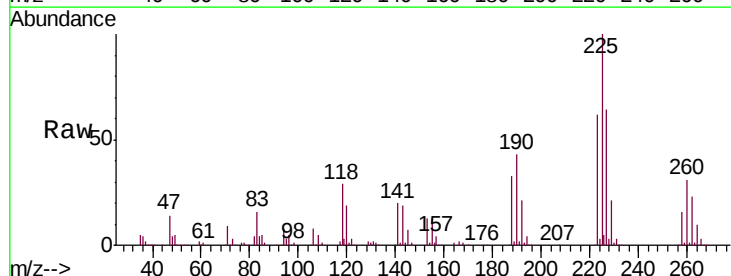


Abundance Ion 127.00 (126.70 to 127.70): E
 1500000 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

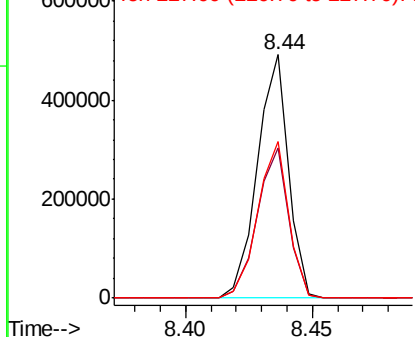
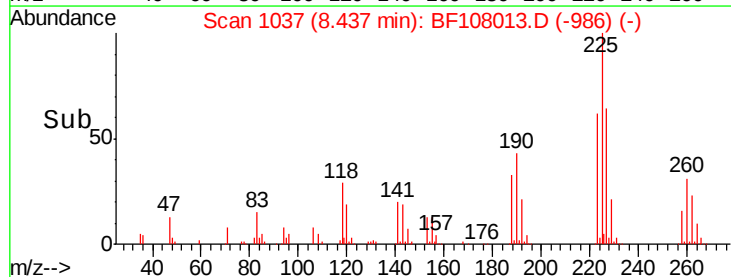


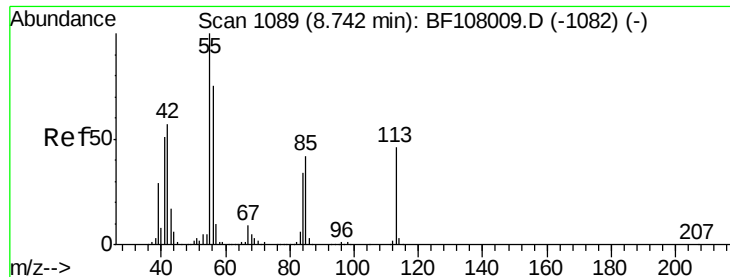
#34
 Hexachlorobutadiene
 Concen: 40.067 ng
 RT: 8.44 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF108013.D
 Acq: 8 Aug 2018 12:19

Tgt Ion:	225	Resp:	418108
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.6	76.0
227	64.3	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

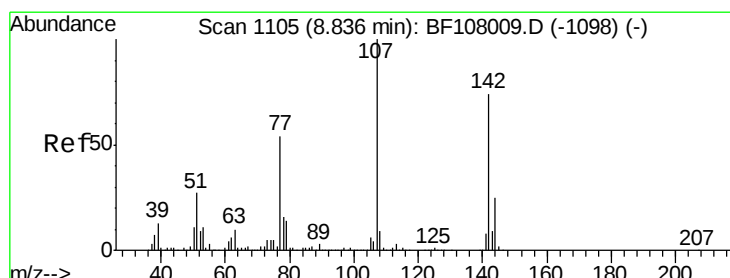
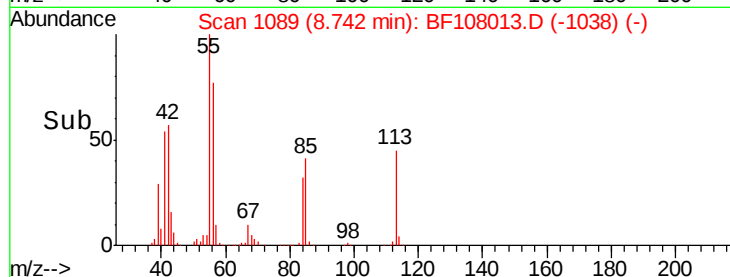
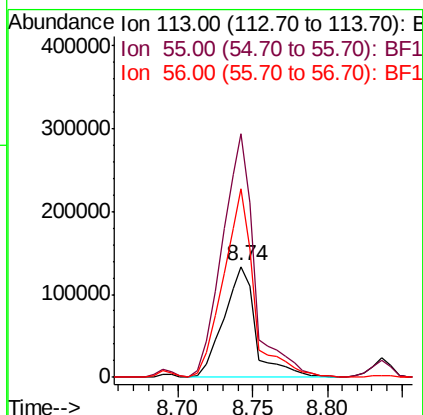
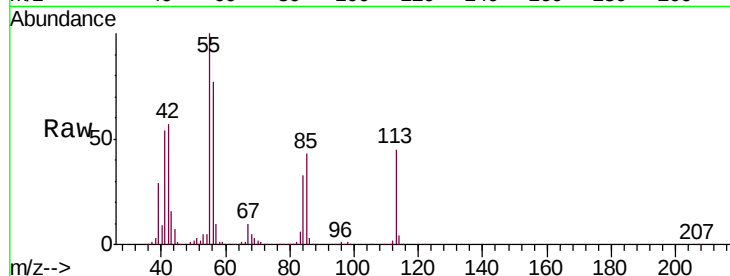




#35
 Caprolactam
 Concen: 43.043 ng
 RT: 8.74 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF108013.D
 Acq: 8 Aug 2018 12:19

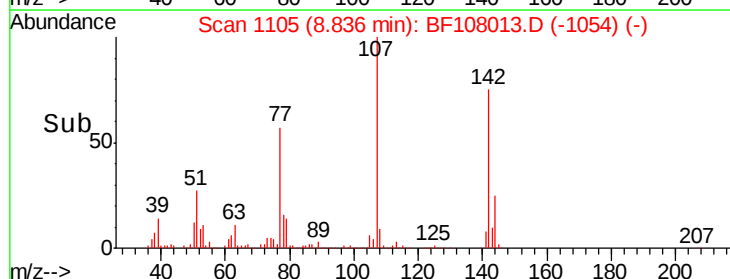
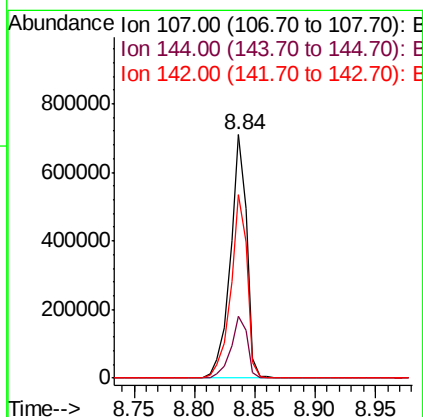
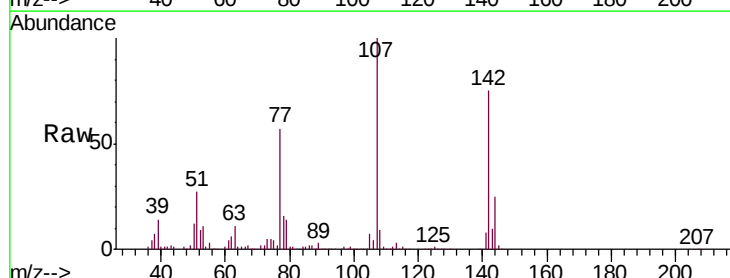
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

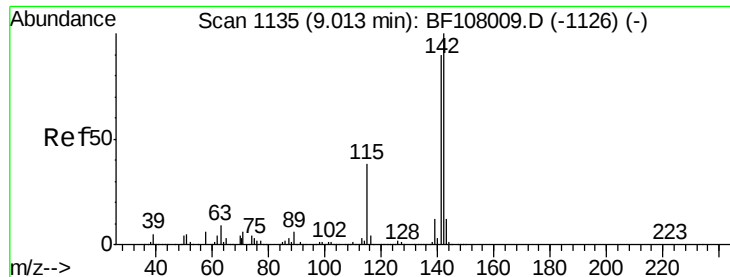
Tgt Ion:113 Resp: 201669
 Ion Ratio Lower Upper
 113 100
 55 220.2 163.3 203.3#
 56 170.5 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 41.404 ng
 RT: 8.84 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF108013.D
 Acq: 8 Aug 2018 12:19

Tgt Ion:107 Resp: 667796
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 75.2 62.0 93.0

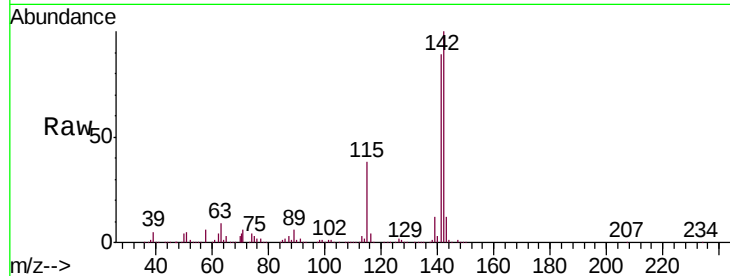




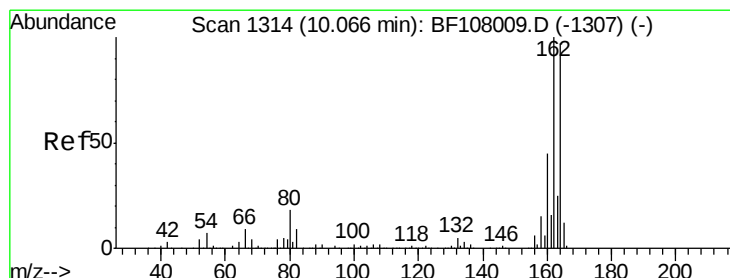
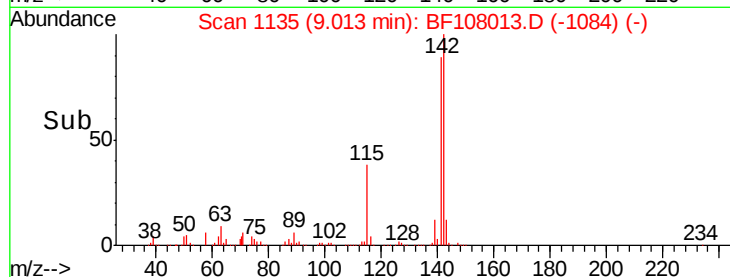
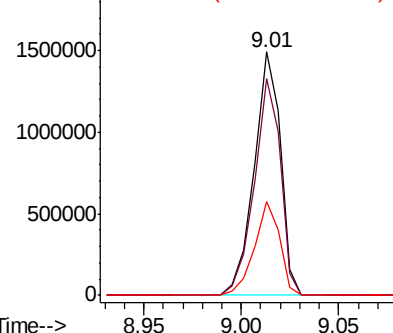
#37
2-Methylnaphthalene
Concen: 40.441 ng
RT: 9.01 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF108013.D
Acq: 8 Aug 2018 12:19

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:142 Resp: 1394452
Ion Ratio Lower Upper
142 100
141 89.2 70.8 106.2
115 38.4 26.1 39.1

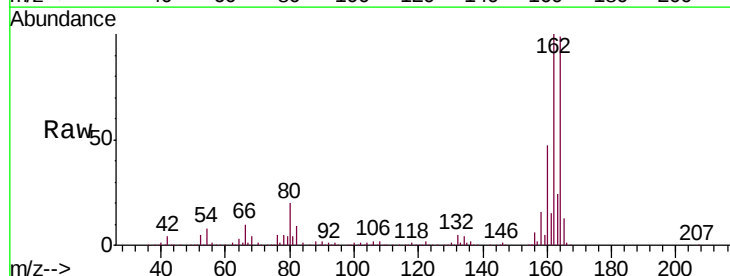


Abundance Ion 142.00 (141.70 to 142.70): E
2000000 Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

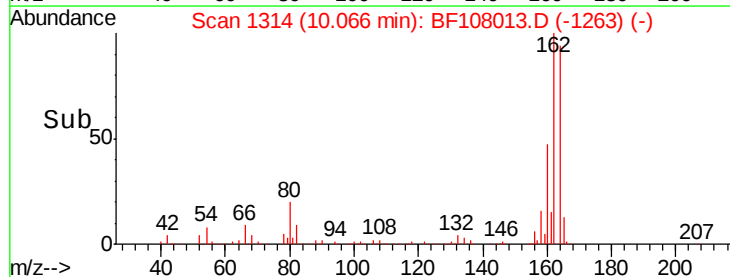
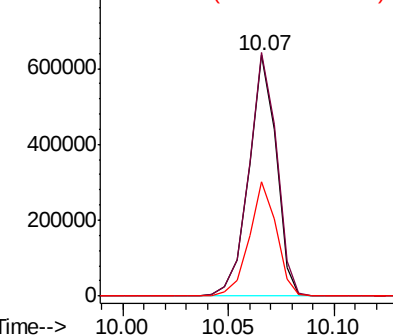


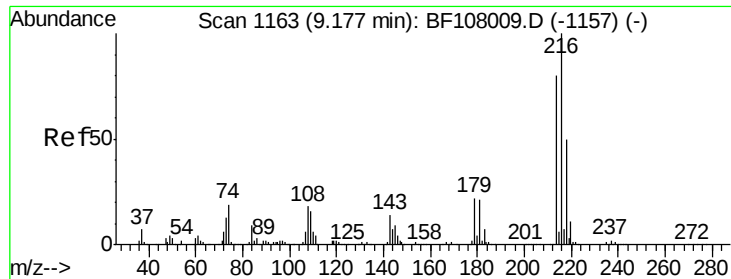
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108013.D
Acq: 8 Aug 2018 12:19

Tgt Ion:164 Resp: 574278
Ion Ratio Lower Upper
164 100
162 101.2 86.1 129.1
160 47.4 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
800000 Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.686 ng

RT: 9.18 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion:216 Resp: 699879

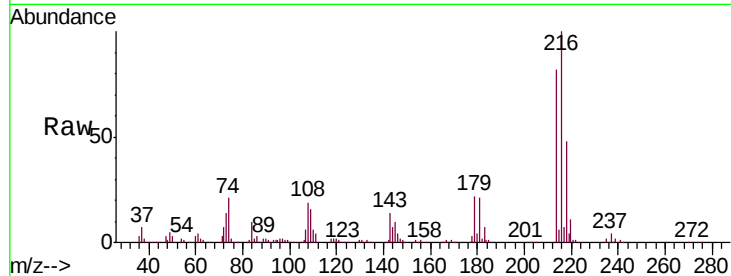
Ion Ratio Lower Upper

216 100

214 80.3 63.0 94.4

179 21.0 18.1 27.1

108 19.6 17.2 25.8

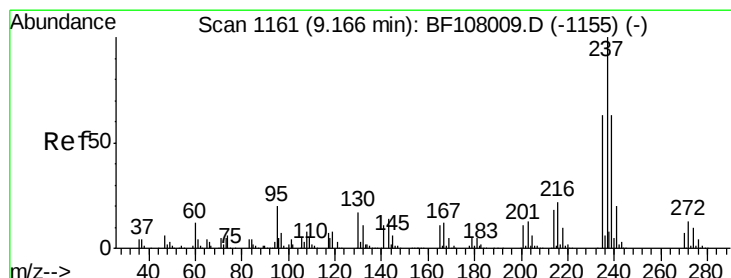
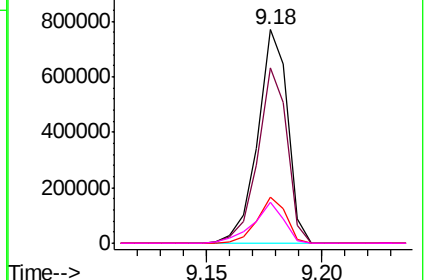
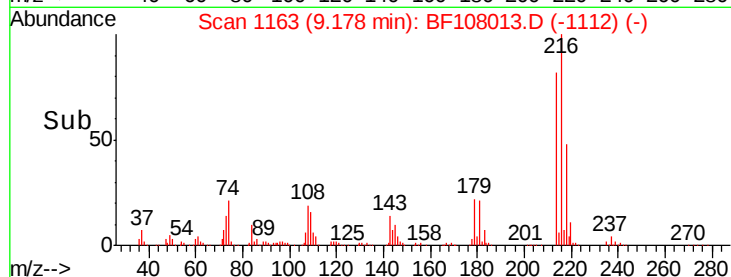


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 41.719 ng

RT: 9.17 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

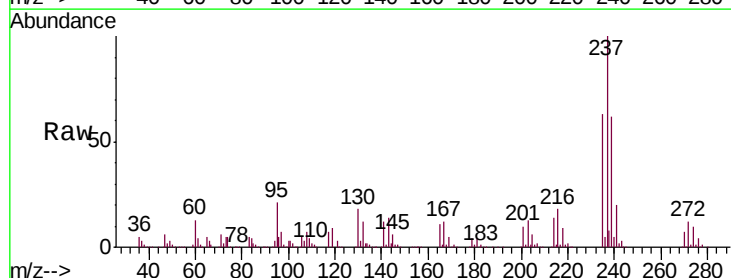
Tgt Ion:237 Resp: 475224

Ion Ratio Lower Upper

237 100

235 63.5 44.8 84.8

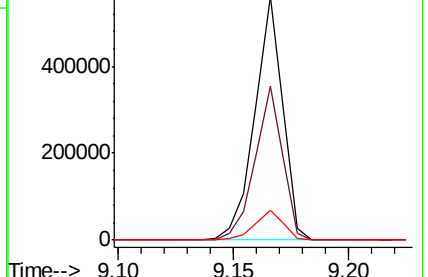
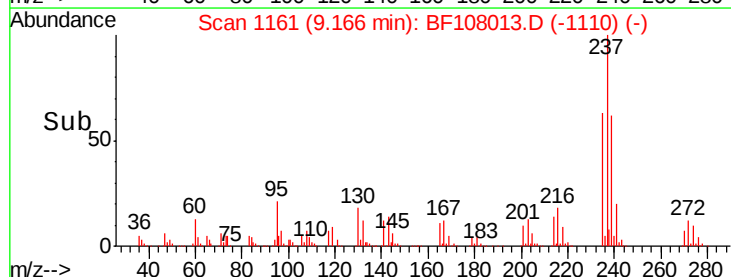
272 12.4 0.0 33.3

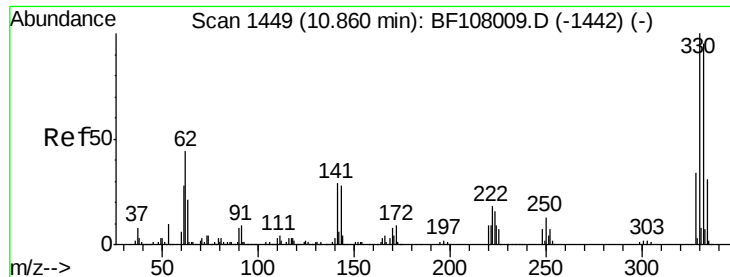


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

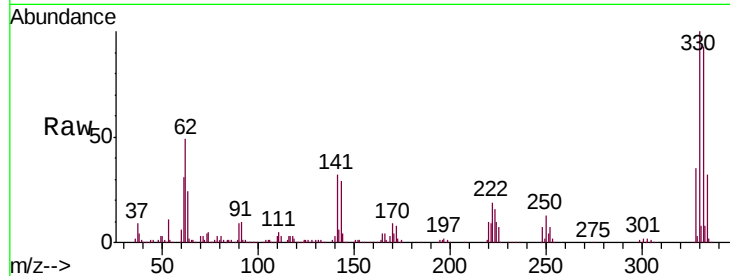




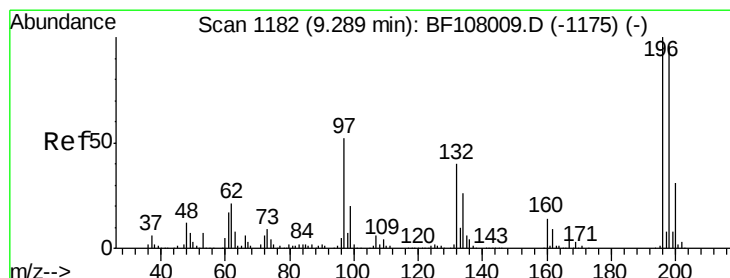
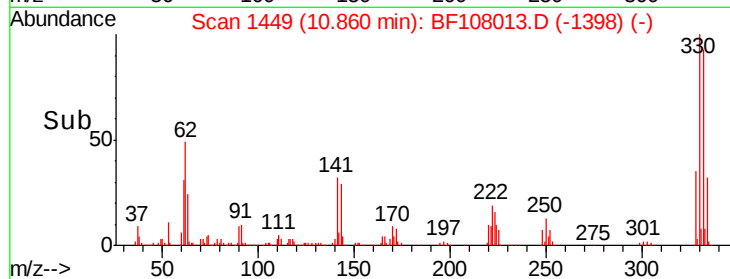
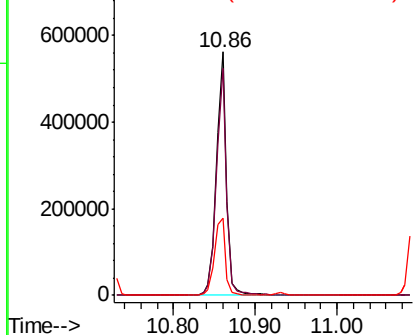
#41
 2,4,6-Tribromophenol
 Concen: 85.068 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108013.D
 Acq: 8 Aug 2018 12:19

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:330 Resp: 487292
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.0 115.6
 141 34.8 29.9 44.9

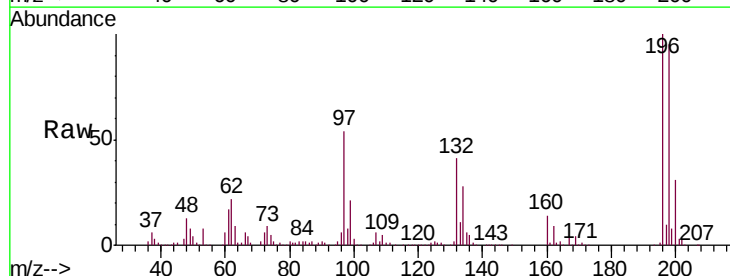


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

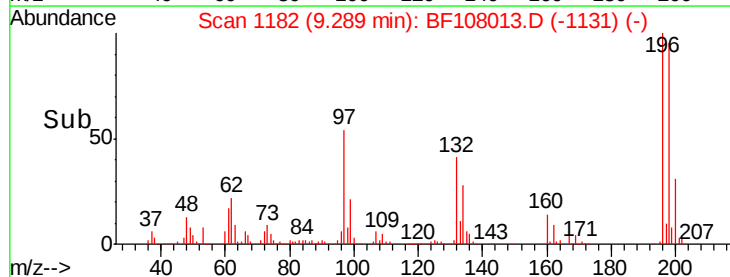
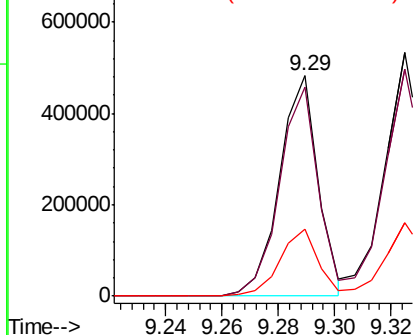


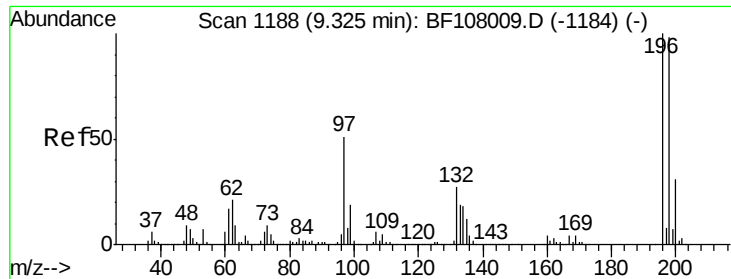
#42
 2,4,6-Trichlorophenol
 Concen: 41.798 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF108013.D
 Acq: 8 Aug 2018 12:19

Tgt Ion:196 Resp: 457424
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.7 113.5
 200 30.6 24.5 36.7



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

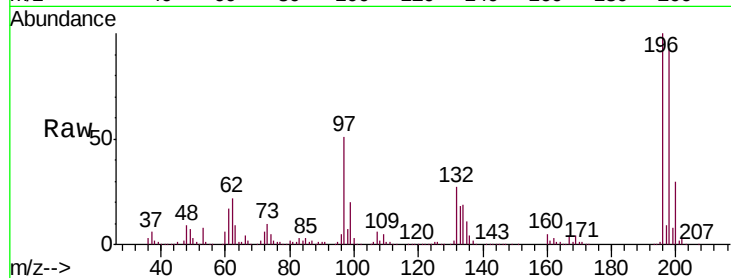




#43
 2,4,5-Trichlorophenol
 Concen: 42.506 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF108013.D
 Acq: 8 Aug 2018 12:19

Instrument :
 BNA_F
 ClientSampled :
 DFTPP

Tgt Ion	Resp	Lower	Upper
196	512070		
198	93.4	74.6	112.0
97	51.0	42.9	64.3
132	27.5	26.3	39.5



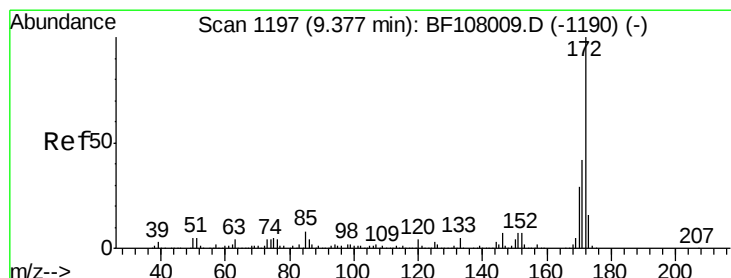
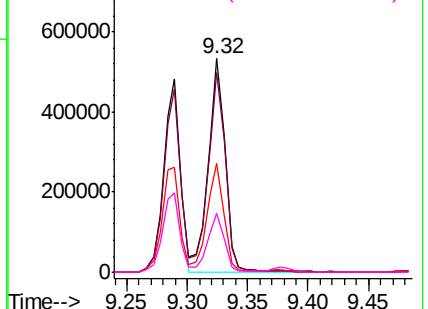
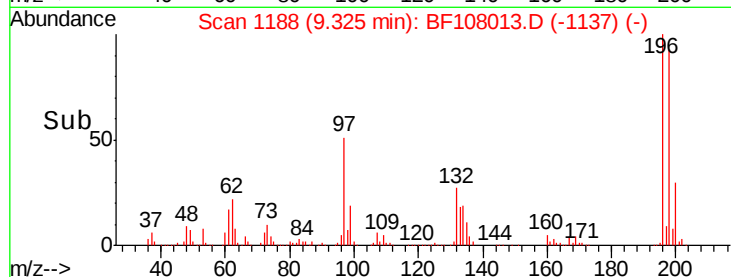
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

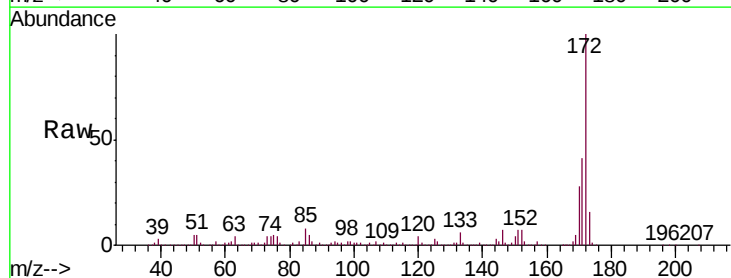
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.473 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108013.D
 Acq: 8 Aug 2018 12:19

Tgt Ion	Resp	Lower	Upper
172	2771216		
171	41.4	29.7	44.5
170	28.2	19.6	29.4

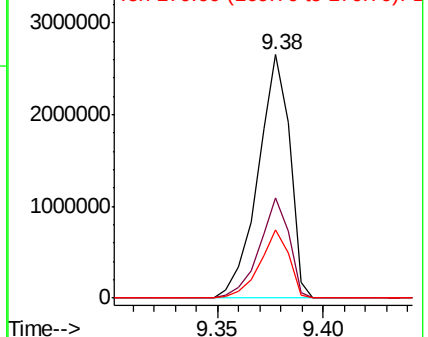
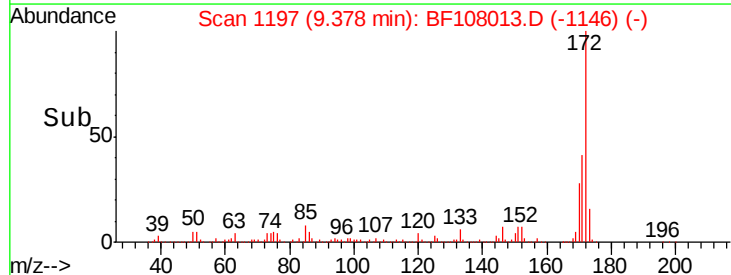


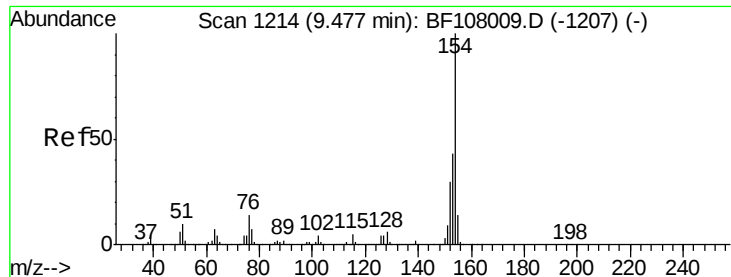
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

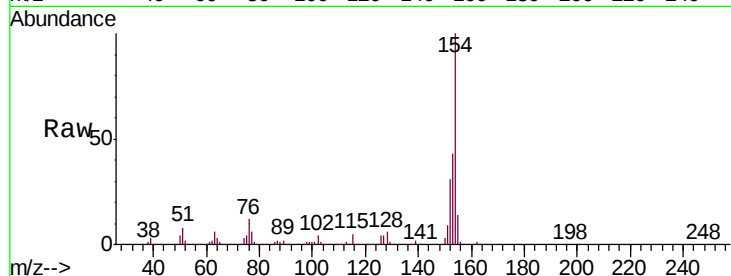




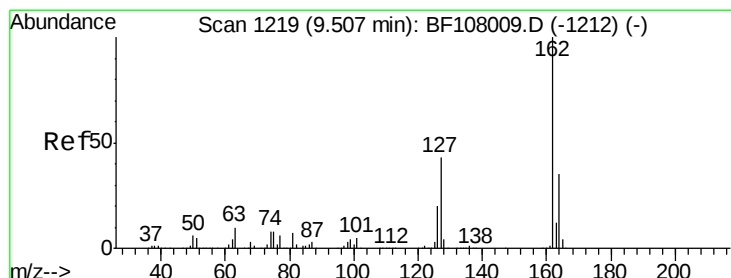
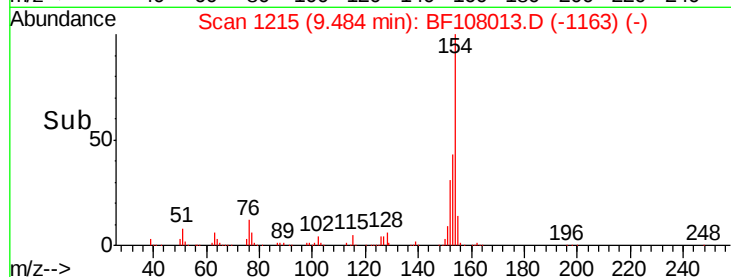
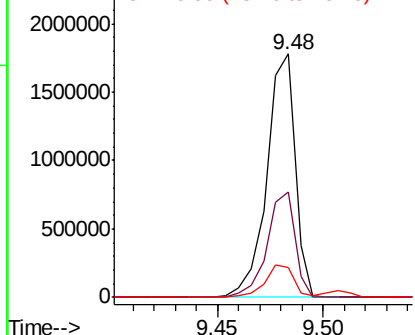
#45
 1,1'-Biphenyl
 Concen: 39.292 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF108013.D
 Acq: 8 Aug 2018 12:19

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:154 Resp: 1663684
 Ion Ratio Lower Upper
 154 100
 153 43.1 21.3 61.3
 76 12.2 0.0 34.0

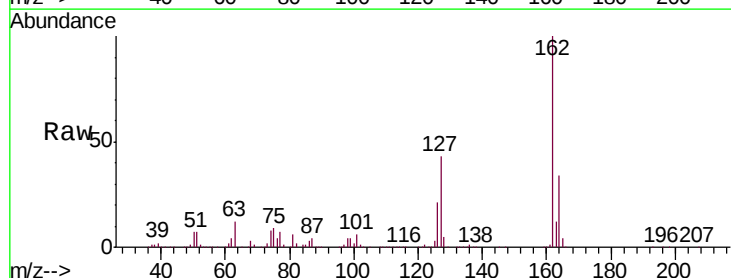


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

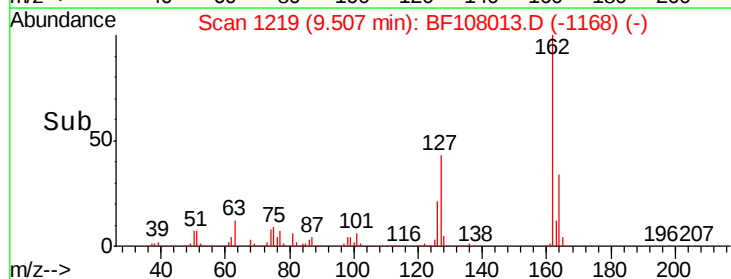
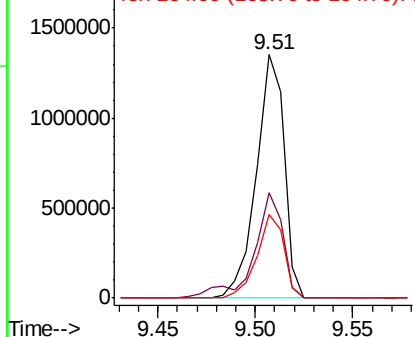


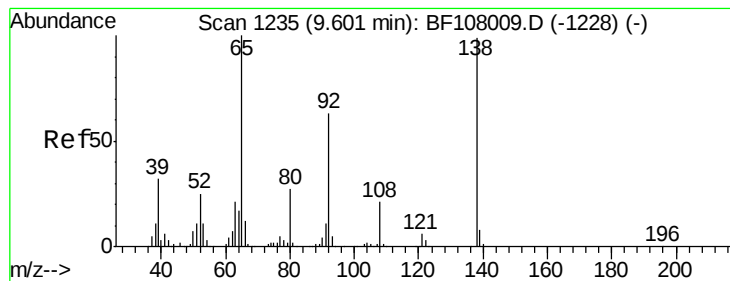
#46
 2-Chloronaphthalene
 Concen: 39.989 ng
 RT: 9.51 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF108013.D
 Acq: 8 Aug 2018 12:19

Tgt Ion:162 Resp: 1338231
 Ion Ratio Lower Upper
 162 100
 127 43.2 33.9 50.9
 164 34.4 26.5 39.7



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





#47

2-Nitroaniline

Concen: 43.014 ng

RT: 9.60 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

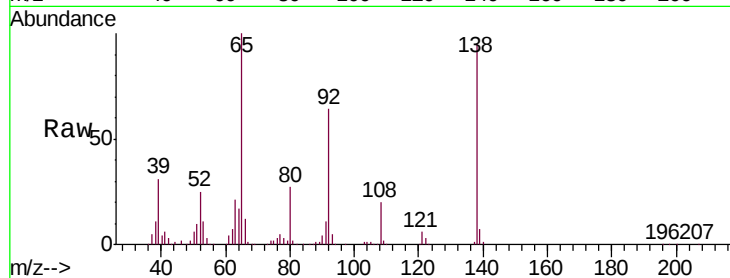
Tgt Ion: 65 Resp: 465763

Ion Ratio Lower Upper

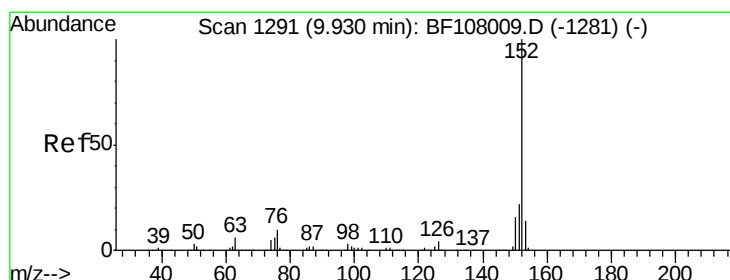
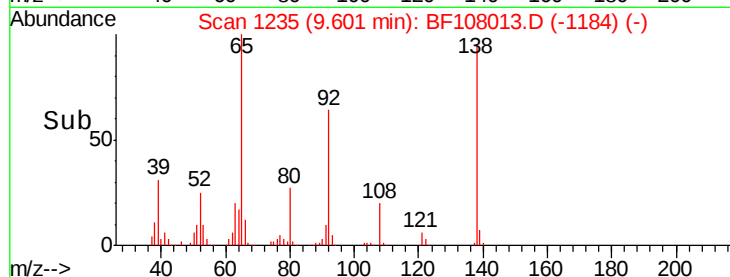
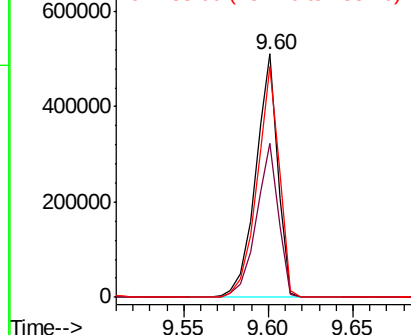
65 100

92 63.5 55.8 83.6

138 94.6 91.2 136.8



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): BF1



#48

Acenaphthylene

Concen: 39.519 ng

RT: 9.93 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

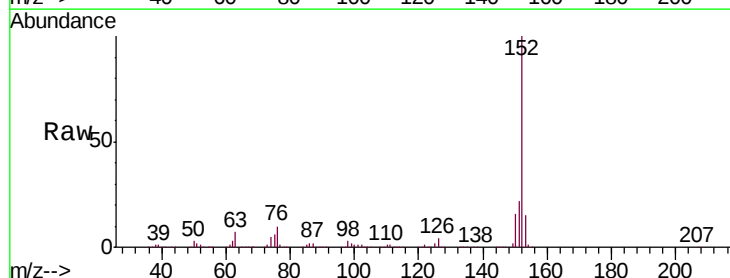
Tgt Ion: 152 Resp: 2090802

Ion Ratio Lower Upper

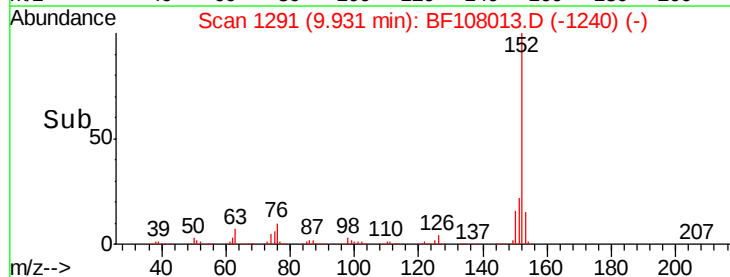
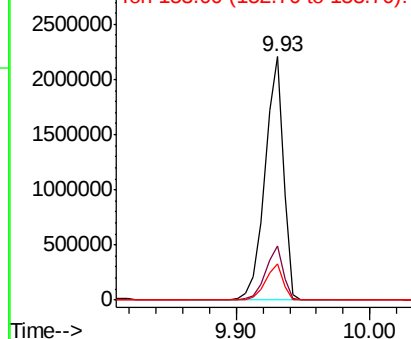
152 100

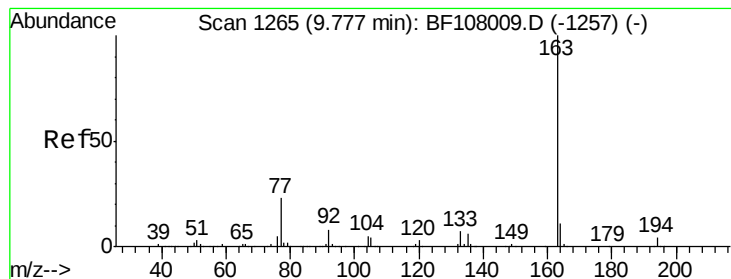
151 22.3 16.3 24.5

153 14.7 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 39.944 ng

RT: 9.78 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

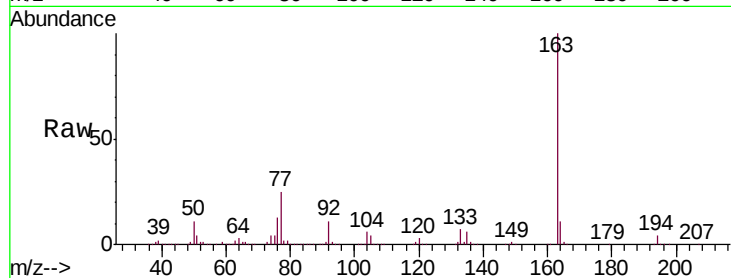
Tgt Ion:163 Resp: 1597887

Ion Ratio Lower Upper

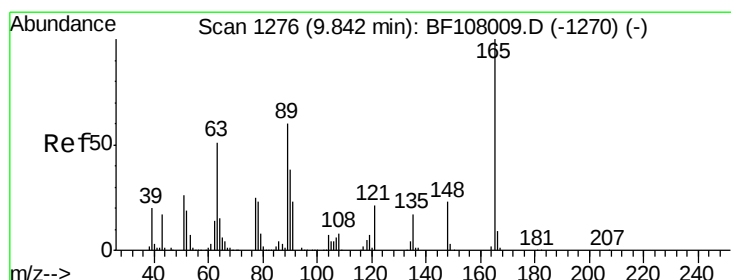
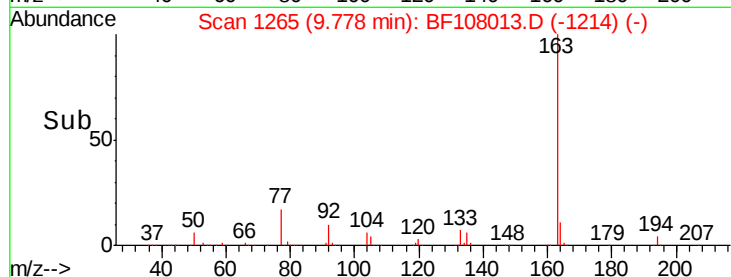
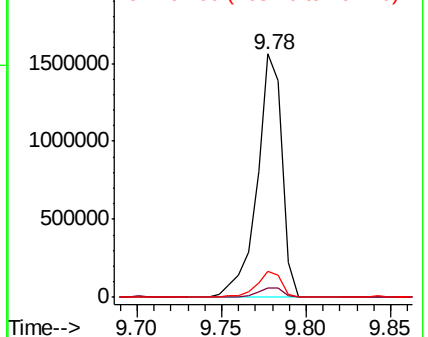
163 100

194 4.1 2.7 4.1#

164 10.9 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 42.611 ng

RT: 9.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

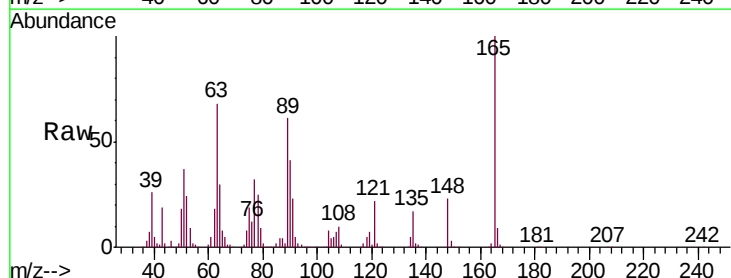
Tgt Ion:165 Resp: 356629

Ion Ratio Lower Upper

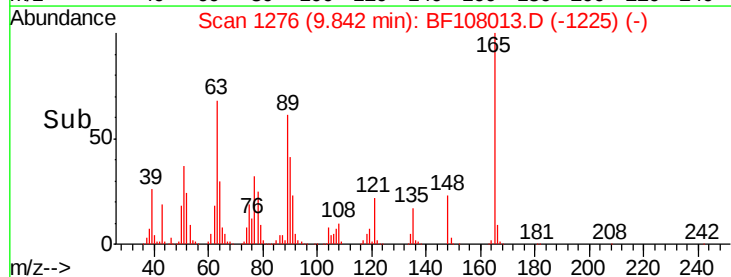
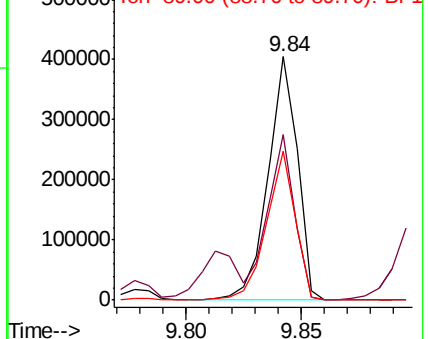
165 100

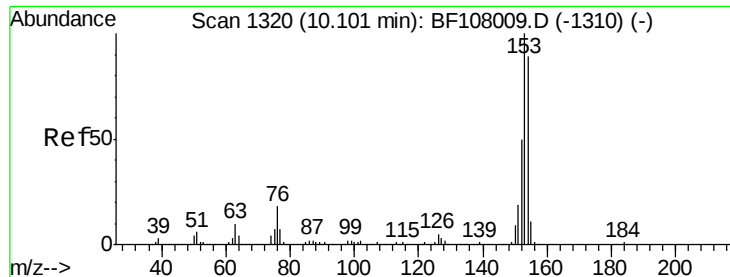
63 67.8 44.7 67.1#

89 61.0 44.0 66.0



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





#51

Acenaphthene

Concen: 40.155 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

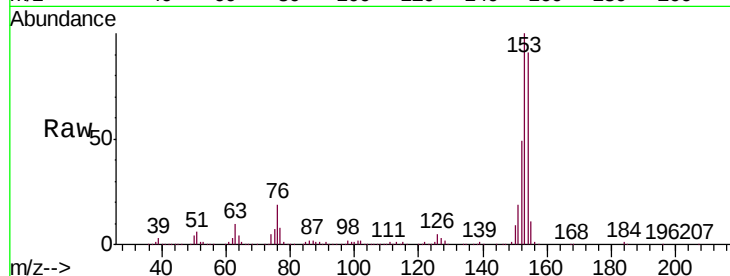
Tgt Ion:154 Resp: 1301202

Ion Ratio Lower Upper

154 100

153 109.8 91.2 136.8

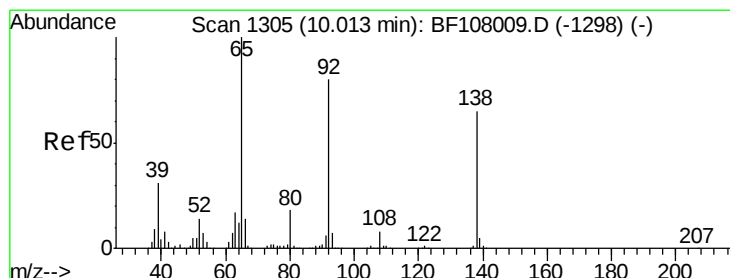
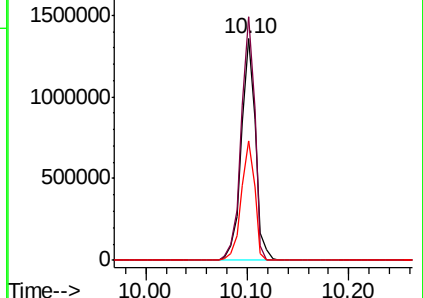
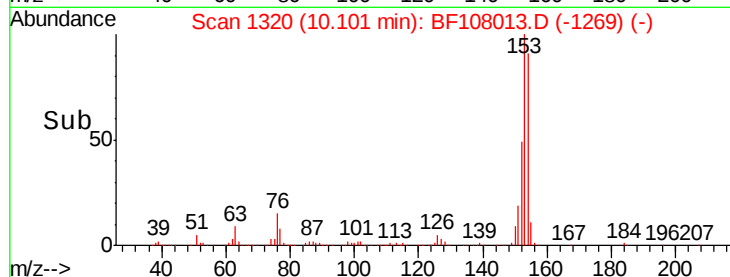
152 54.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.031 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

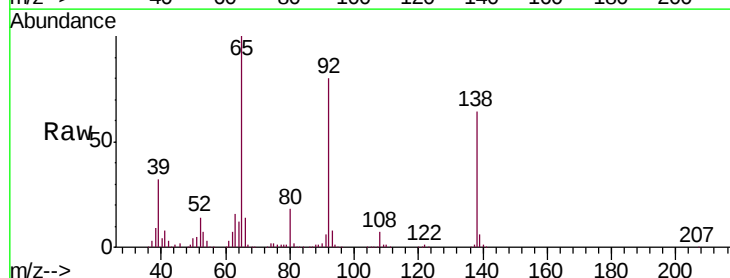
Tgt Ion:138 Resp: 384889

Ion Ratio Lower Upper

138 100

108 11.6 9.4 14.0

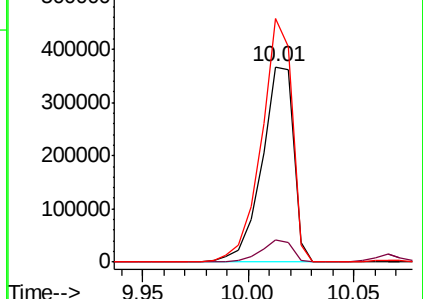
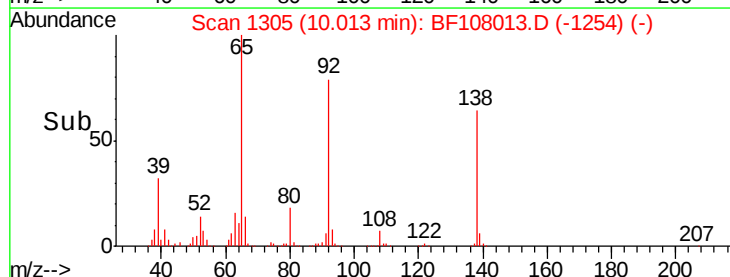
92 124.8 89.4 134.2

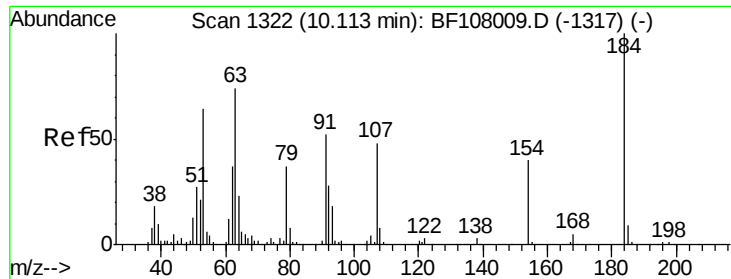


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

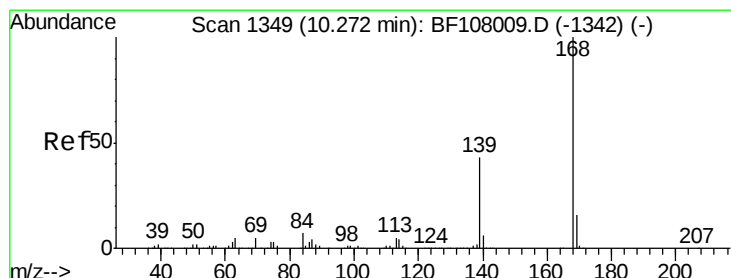
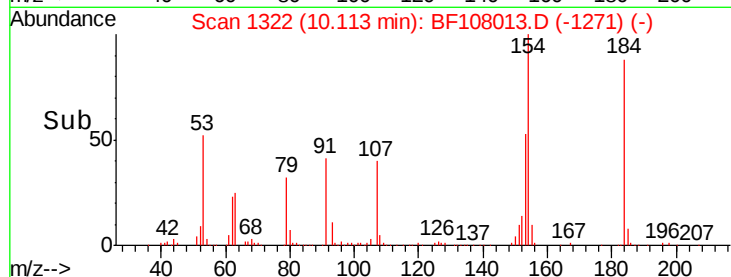
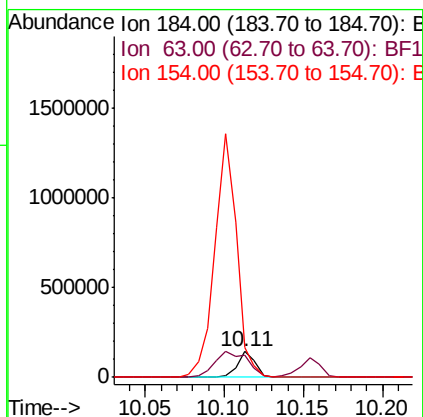
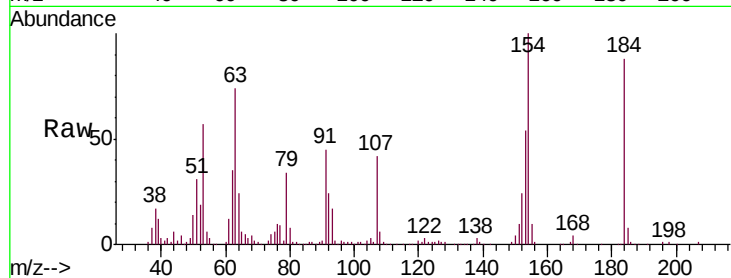




#53
2,4-Dinitrophenol
Concen: 40.779 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF108013.D
Acq: 8 Aug 2018 12:19

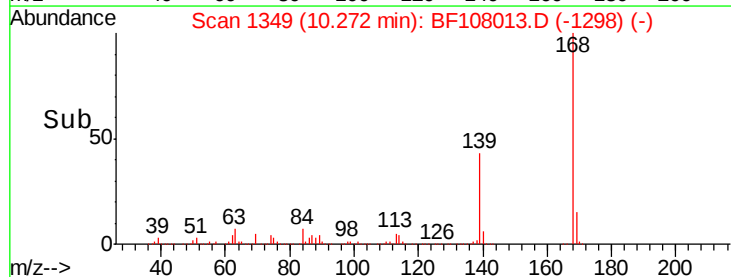
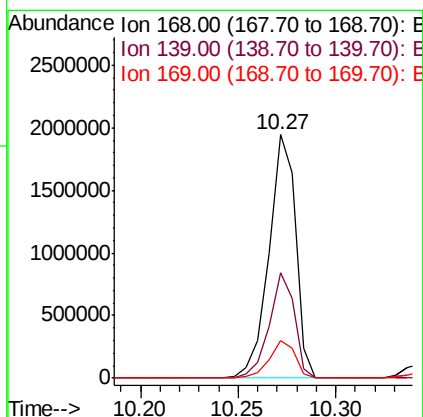
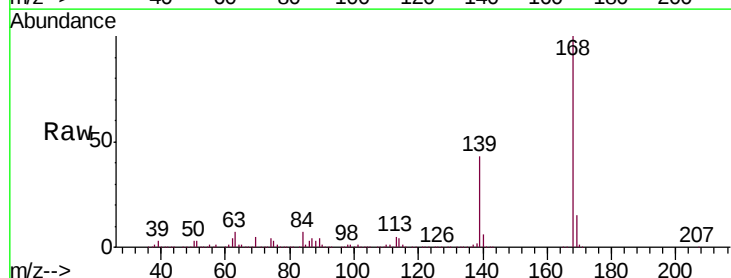
Instrument :
BNA_F
ClientSampleId :
DFTPP

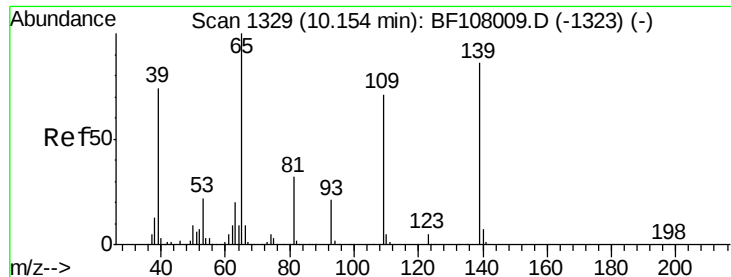
Tgt Ion:184 Resp: 115910
Ion Ratio Lower Upper
184 100
63 84.5 54.2 81.2#
154 113.7 184.0 276.0#



#54
Dibenzofuran
Concen: 39.281 ng
RT: 10.27 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF108013.D
Acq: 8 Aug 2018 12:19

Tgt Ion:168 Resp: 1844110
Ion Ratio Lower Upper
168 100
139 43.0 30.1 45.1
169 15.3 10.9 16.3

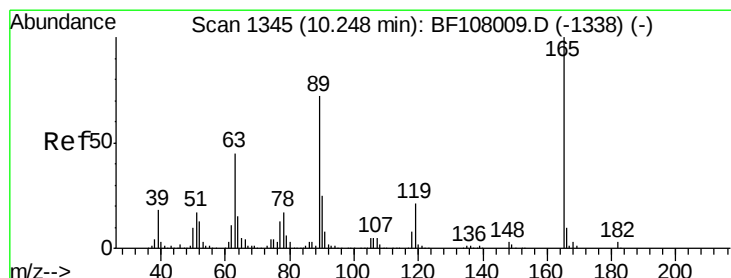
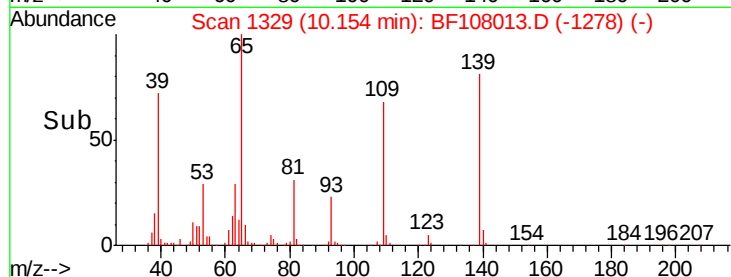
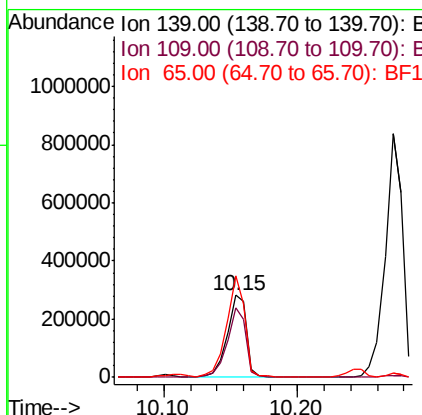
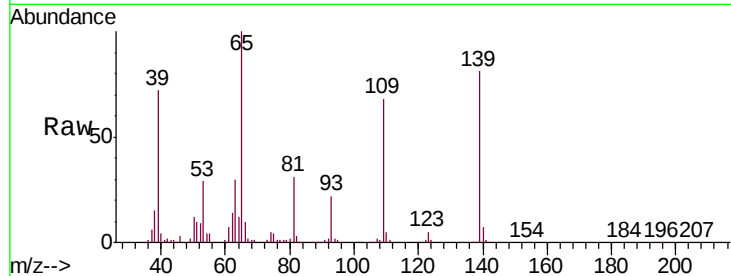




#55
4-Nitrophenol
Concen: 41.602 ng
RT: 10.15 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF108013.D
Acq: 8 Aug 2018 12:19

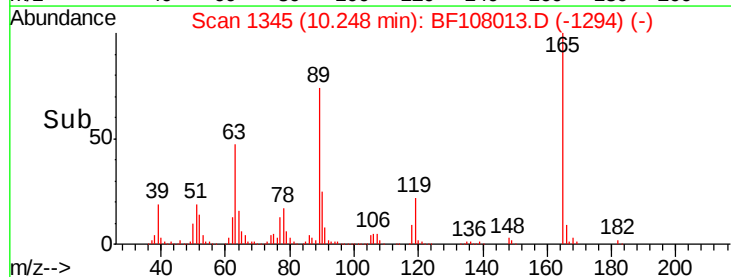
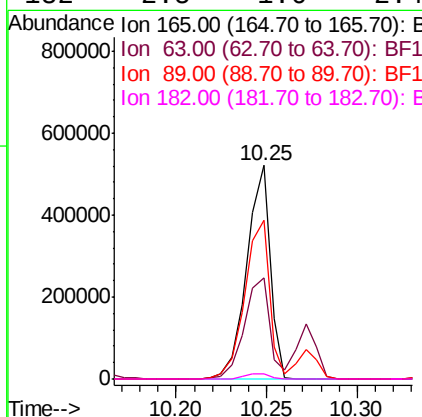
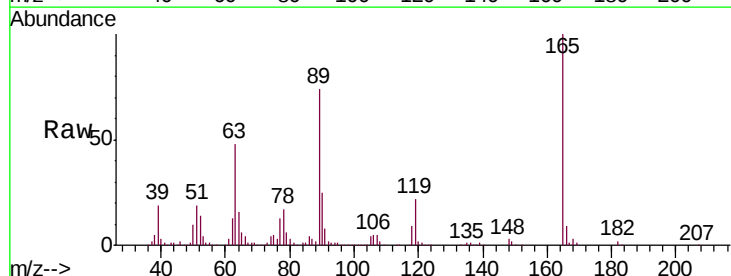
Instrument :
BNA_F
ClientSampleId :
DFTPP

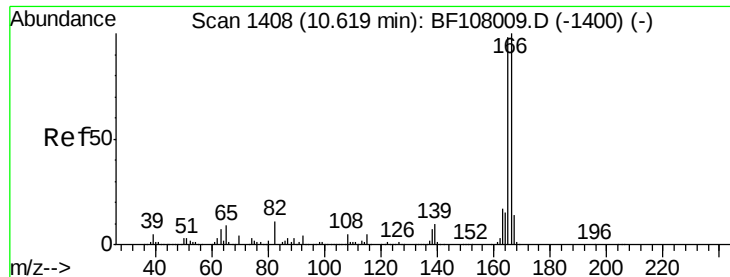
Tgt Ion:139 Resp: 288481
Ion Ratio Lower Upper
139 100
109 84.6 48.4 88.4
65 124.0 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 43.582 ng
RT: 10.25 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF108013.D
Acq: 8 Aug 2018 12:19

Tgt Ion:165 Resp: 469514
Ion Ratio Lower Upper
165 100
63 47.5 36.4 54.6
89 74.1 57.8 86.6
182 2.5 1.6 2.4#





#57

Fluorene

Concen: 39.376 ng

RT: 10.62 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

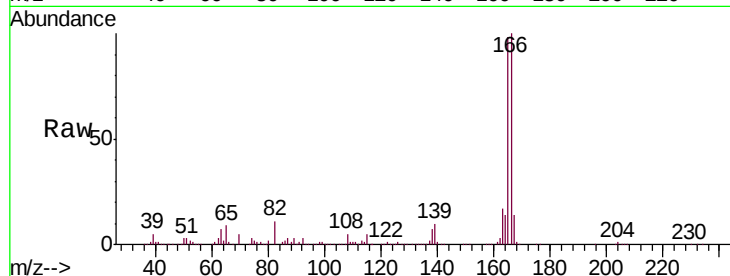
Tgt Ion:166 Resp: 1463368

Ion Ratio Lower Upper

166 100

165 98.4 79.8 119.8

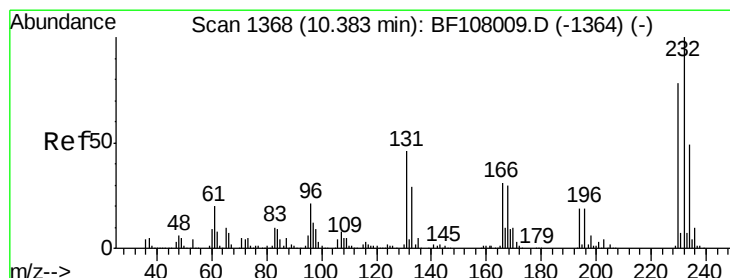
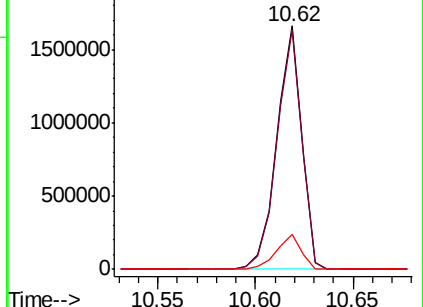
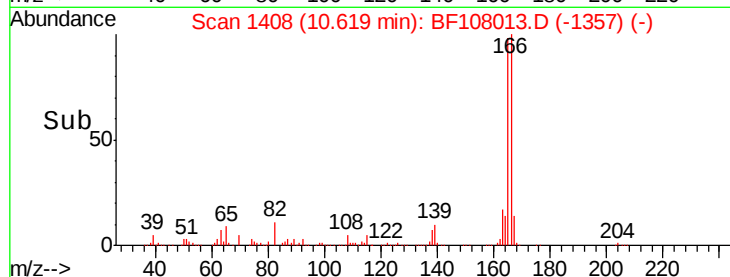
167 14.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.457 ng

RT: 10.38 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

Tgt Ion:232 Resp: 437577

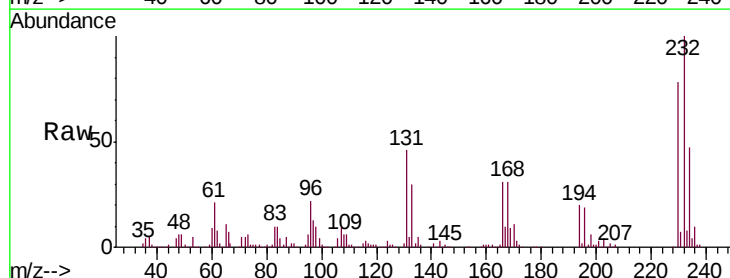
Ion Ratio Lower Upper

232 100

131 43.3 43.8 65.8#

130 2.3 2.1 3.1

166 29.1 27.8 41.6

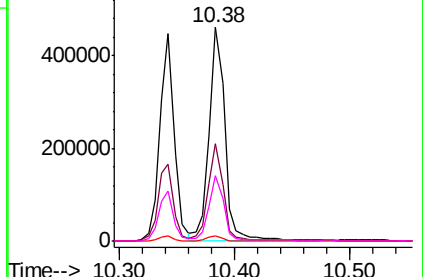
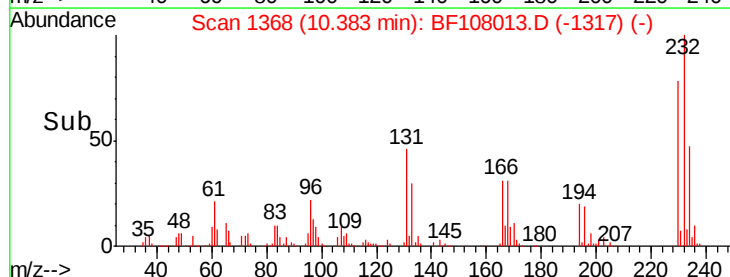


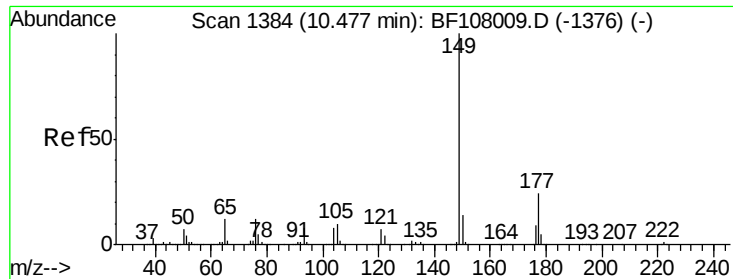
Abundance Ion 232.00 (231.70 to 232.70): E

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

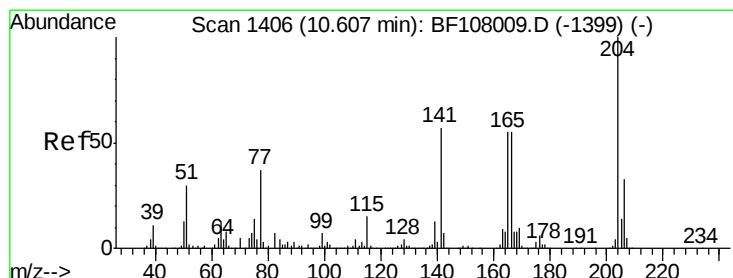
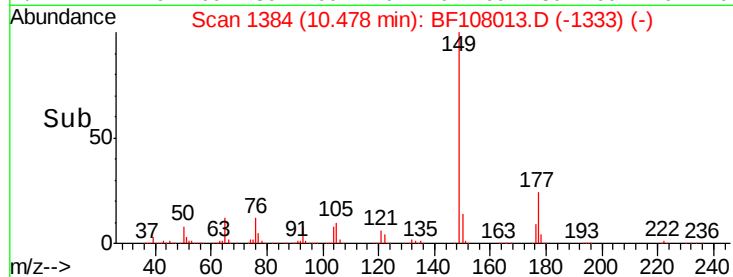
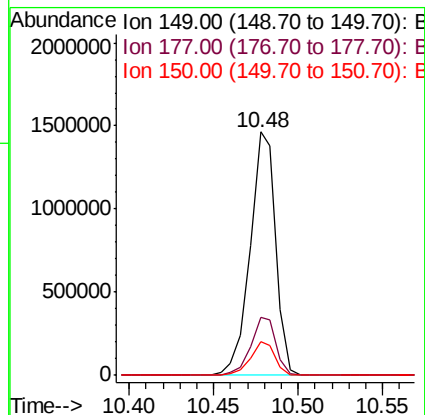
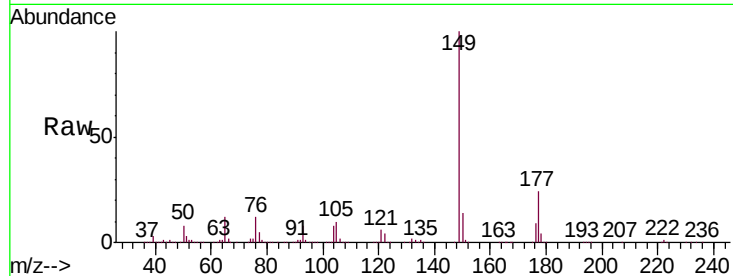




#59
Diethylphthalate
Concen: 39.985 ng
RT: 10.48 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF108013.D
Acq: 8 Aug 2018 12:19

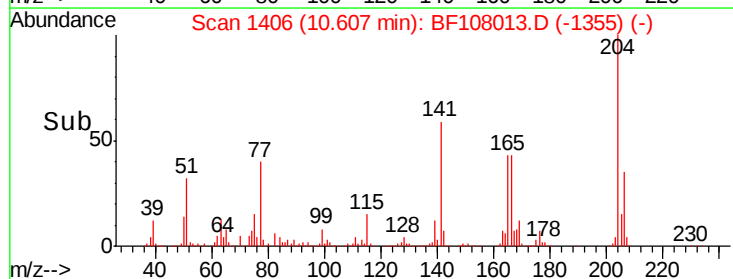
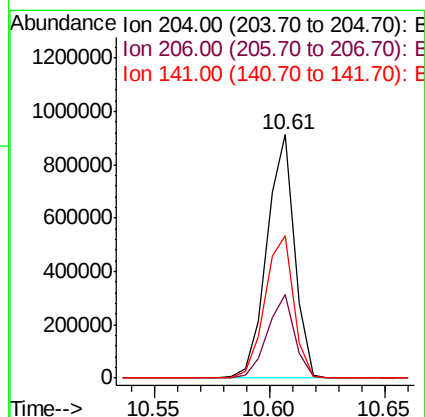
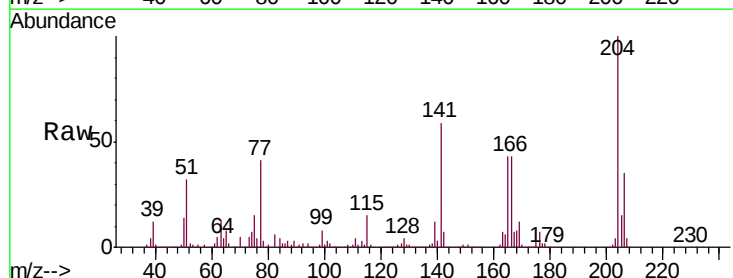
Instrument :
BNA_F
ClientSampleId :
DFTPP

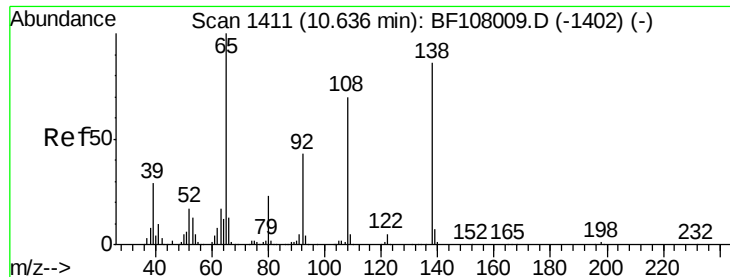
Tgt Ion:149 Resp: 1548865
Ion Ratio Lower Upper
149 100
177 23.7 16.1 24.1
150 13.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.343 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF108013.D
Acq: 8 Aug 2018 12:19

Tgt Ion:204 Resp: 761890
Ion Ratio Lower Upper
204 100
206 34.6 26.5 39.7
141 58.8 54.6 81.8

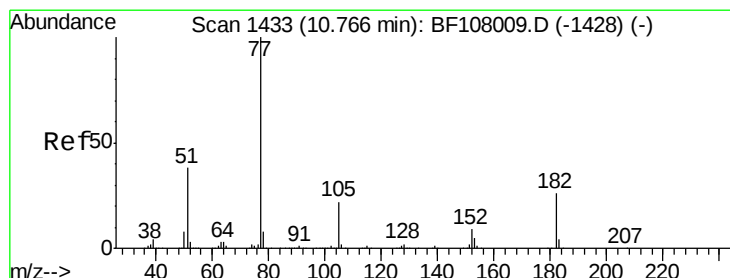
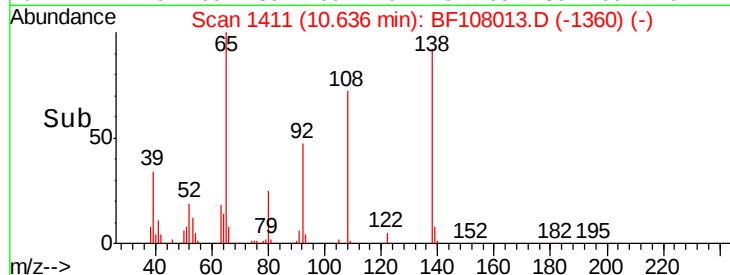
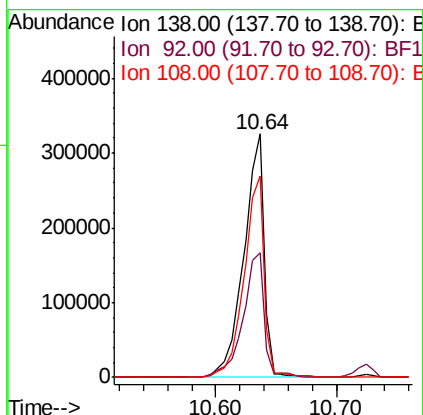
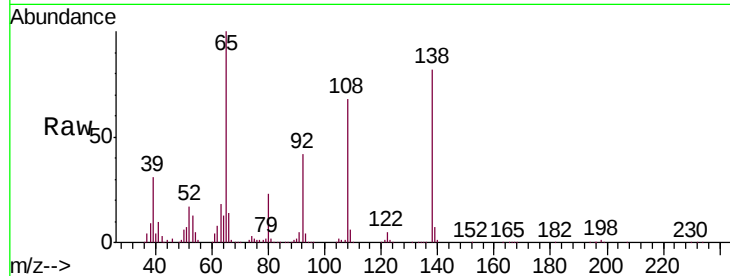




#61
4-Nitroaniline
Concen: 42.348 ng
RT: 10.64 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF108013.D
Acq: 8 Aug 2018 12:19

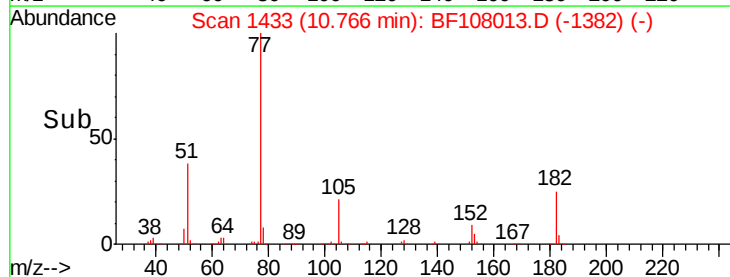
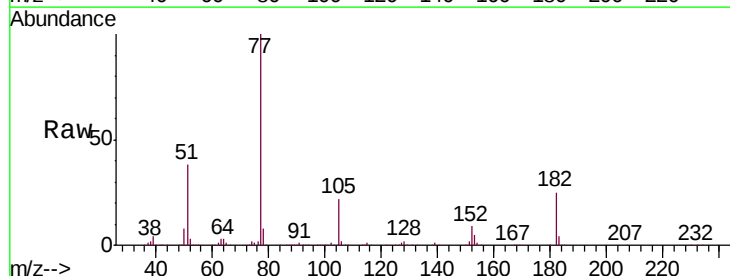
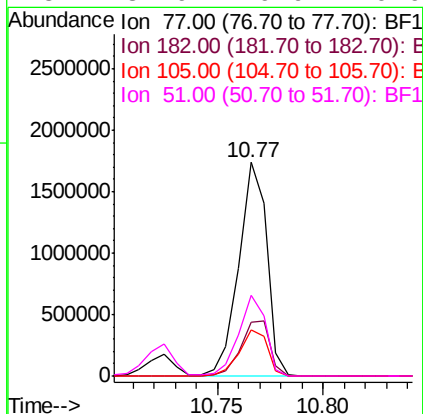
Instrument :
BNA_F
ClientSampleId :
DFTPP

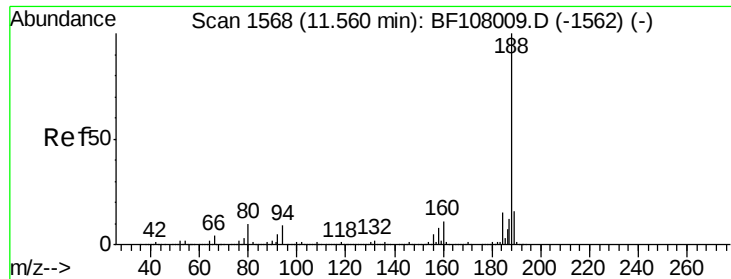
Tgt Ion: 138 Resp: 383400
Ion Ratio Lower Upper
138 100
92 51.4 30.2 70.2
108 82.9 52.5 92.5



#62
Azobenzene
Concen: 39.860 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108013.D
Acq: 8 Aug 2018 12:19

Tgt Ion: 77 Resp: 1594578
Ion Ratio Lower Upper
77 100
182 25.0 1.7 41.7
105 21.8 3.0 43.0
51 37.9 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.56 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

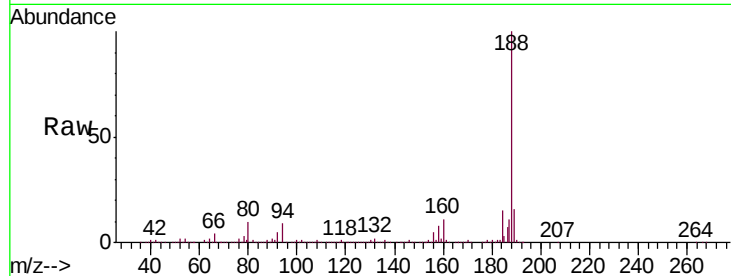
Tgt Ion:188 Resp: 1146578

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

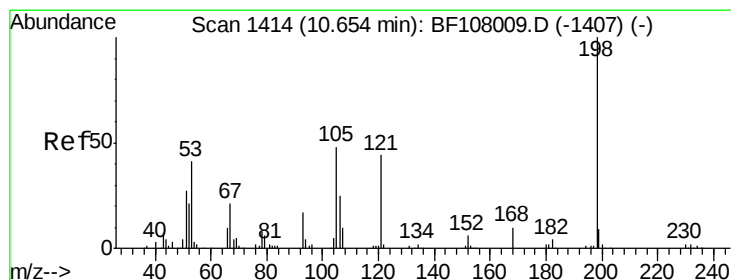
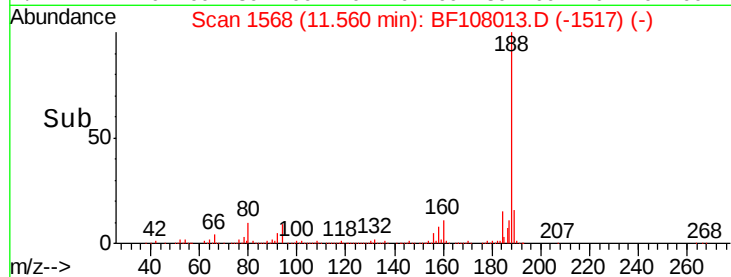
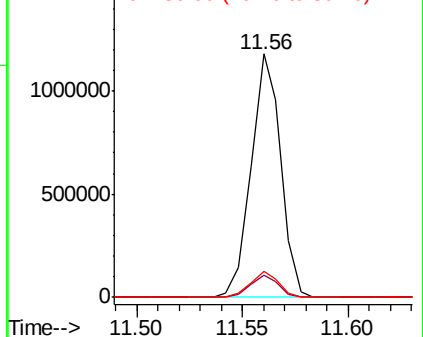
80 10.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 41.106 ng

RT: 10.65 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

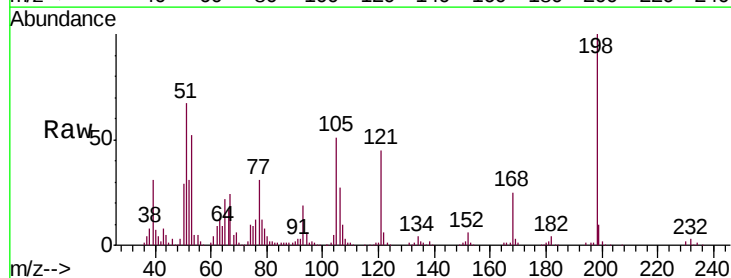
Tgt Ion:198 Resp: 173219

Ion Ratio Lower Upper

198 100

51 67.4 37.7 77.7

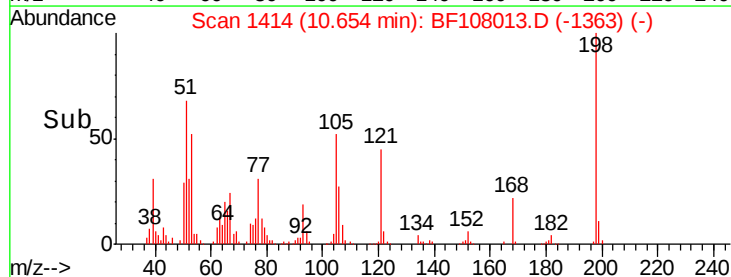
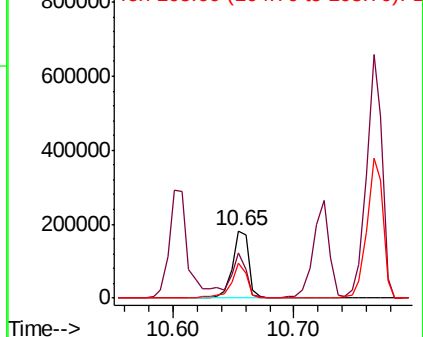
105 51.5 36.3 76.3

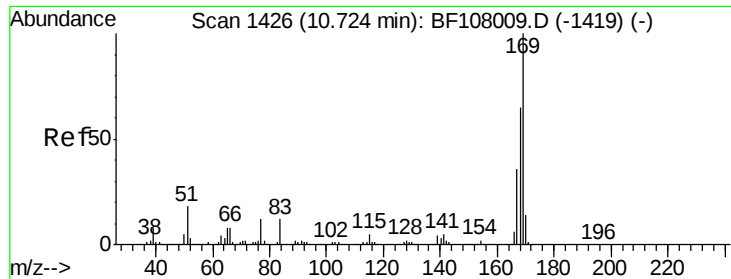


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

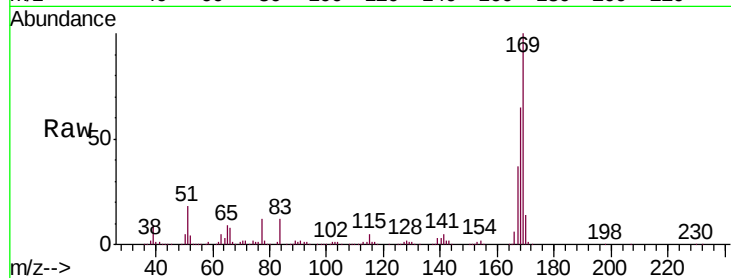




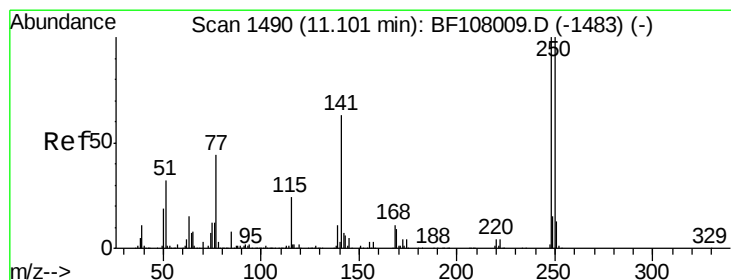
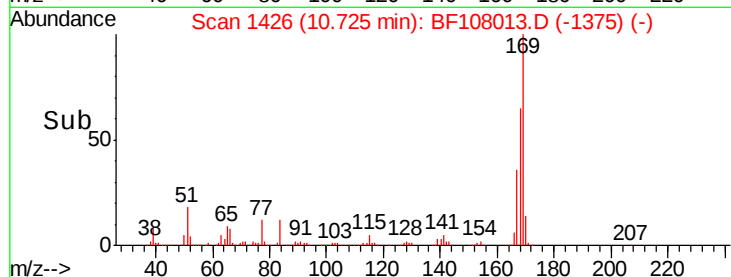
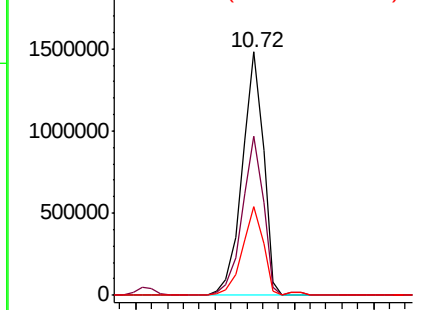
#65
 n-Nitrosodiphenylamine
 Concen: 40.390 ng
 RT: 10.72 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF108013.D
 Acq: 8 Aug 2018 12:19

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:169 Resp: 1368526
 Ion Ratio Lower Upper
 169 100
 168 65.3 54.4 81.6
 167 36.5 29.8 44.6

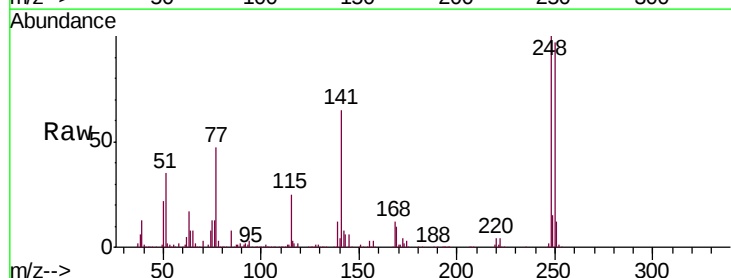


Abundance Ion 169.00 (168.70 to 169.70): E
 2000000 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

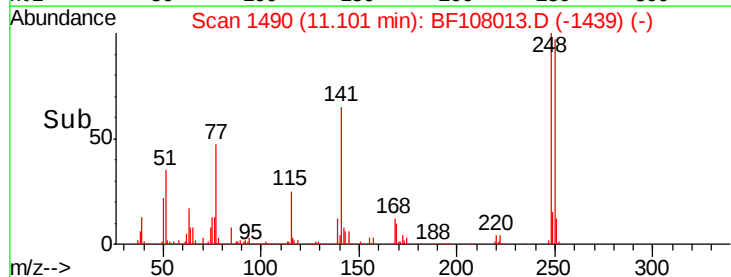
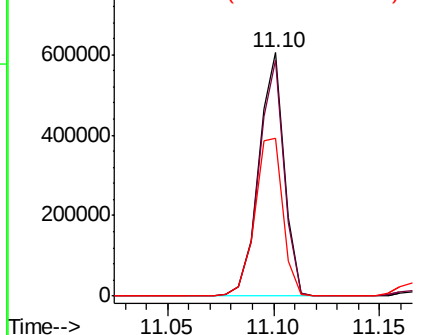


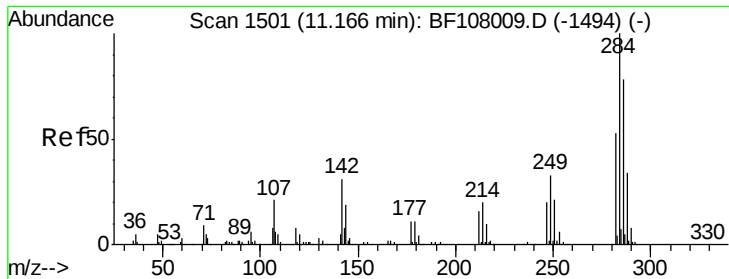
#66
 4-Bromophenyl-phenylether
 Concen: 40.770 ng
 RT: 11.10 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF108013.D
 Acq: 8 Aug 2018 12:19

Tgt Ion:248 Resp: 507999
 Ion Ratio Lower Upper
 248 100
 250 97.1 76.9 115.3
 141 64.9 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 800000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.641 ng

RT: 11.17 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

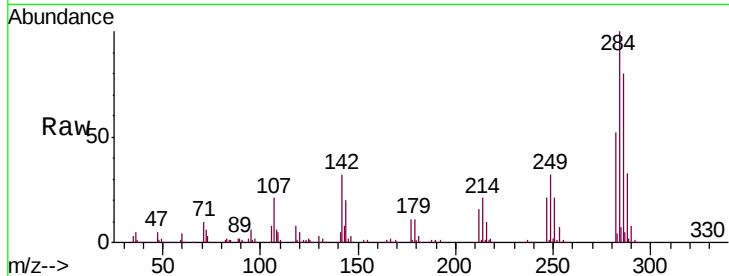
Tgt Ion:284 Resp: 532813

Ion Ratio Lower Upper

284 100

142 32.4 34.6 52.0#

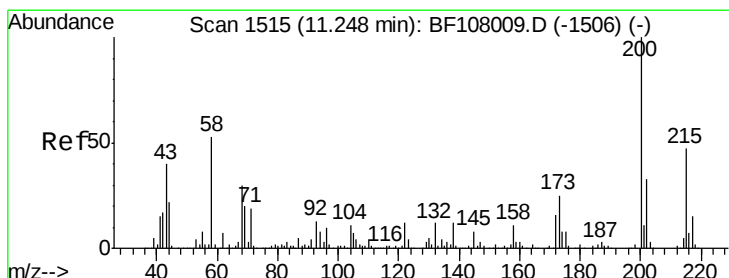
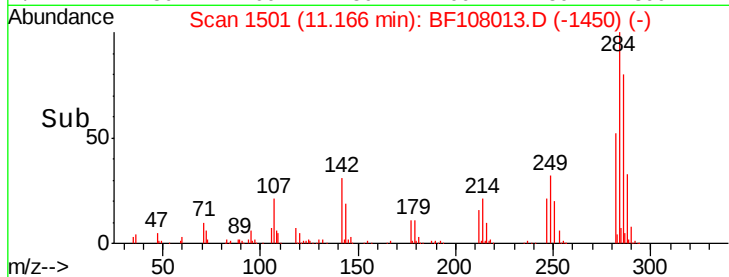
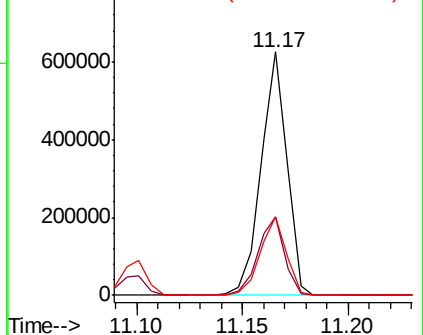
249 32.2 24.8 37.2



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



#68

Atrazine

Concen: 39.567 ng

RT: 11.25 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

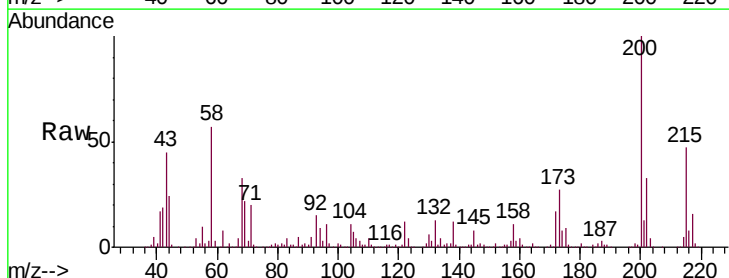
Tgt Ion:200 Resp: 449651

Ion Ratio Lower Upper

200 100

173 26.7 8.6 48.6

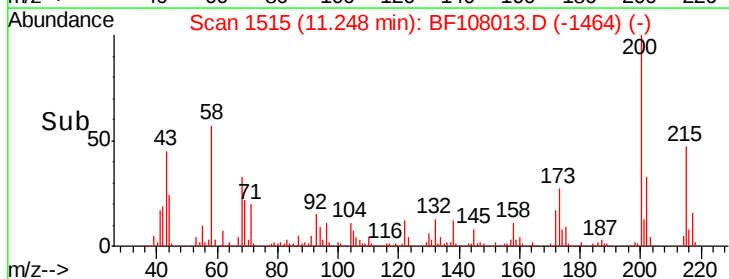
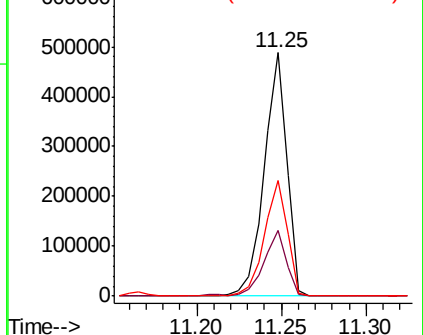
215 47.4 25.1 65.1

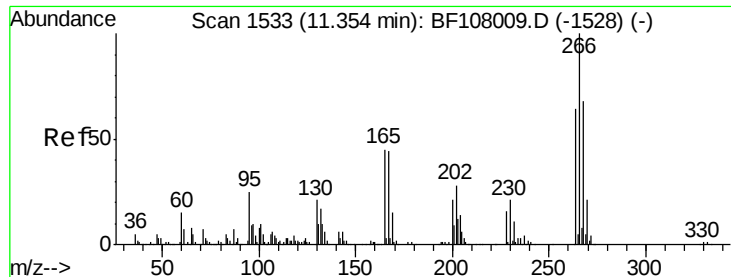


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

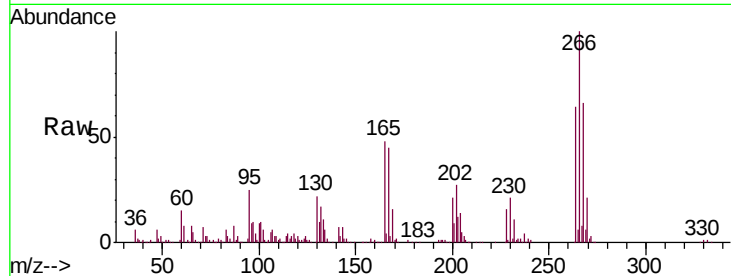




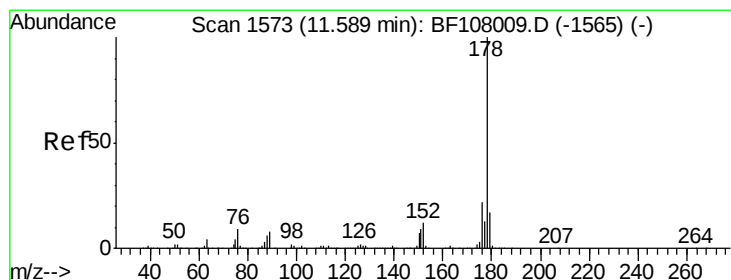
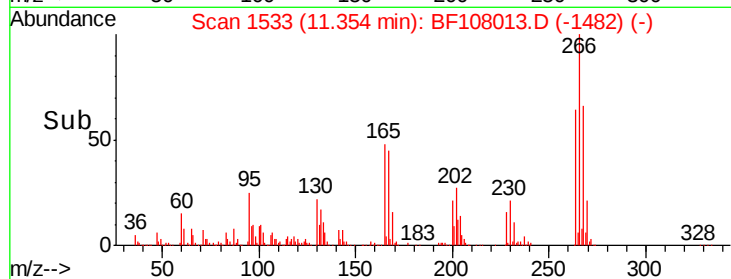
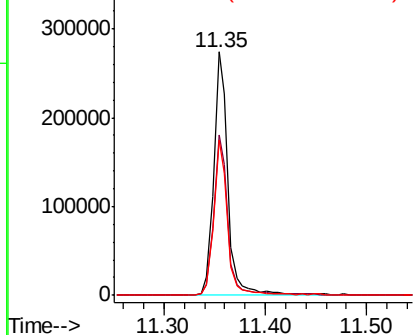
#69
 Pentachlorophenol
 Concen: 42.906 ng
 RT: 11.35 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BF108013.D
 Acq: 8 Aug 2018 12:19

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 266 Resp: 269239
 Ion Ratio Lower Upper
 266 100
 268 65.8 51.1 76.7
 264 63.7 49.5 74.3

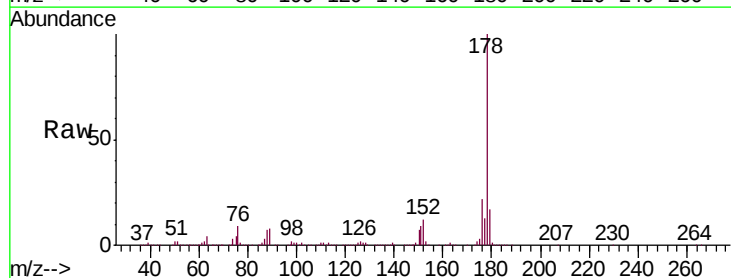


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

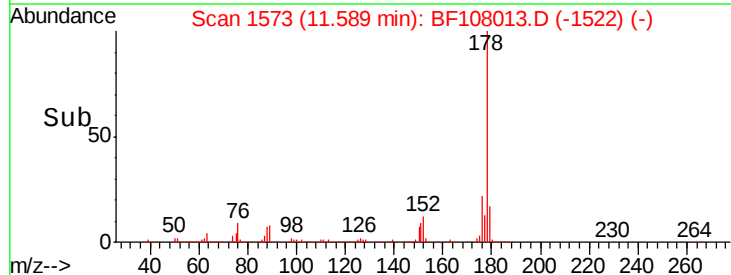
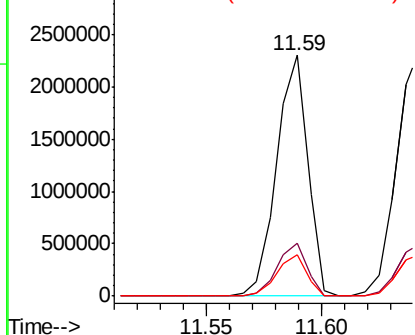


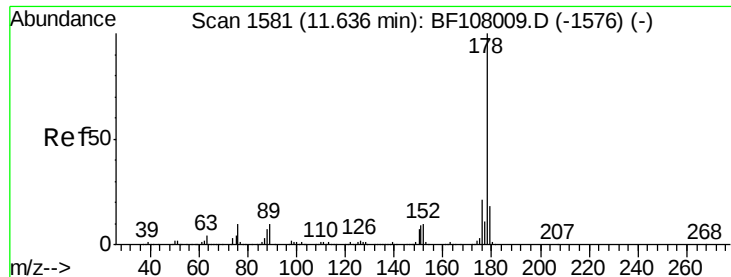
#70
 Phenanthrene
 Concen: 39.630 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF108013.D
 Acq: 8 Aug 2018 12:19

Tgt Ion: 178 Resp: 2143191
 Ion Ratio Lower Upper
 178 100
 176 22.1 15.8 23.8
 179 17.3 13.0 19.6



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

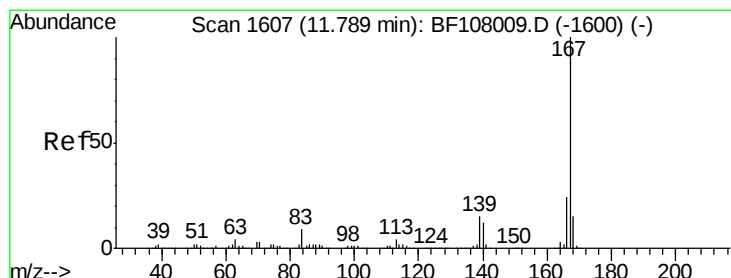
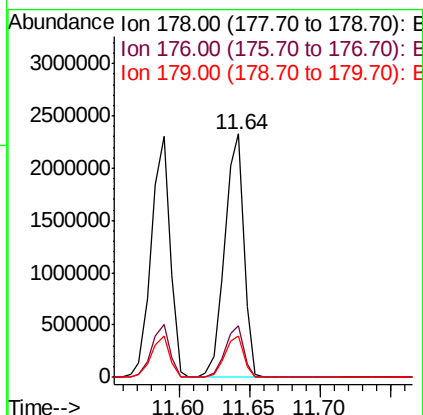
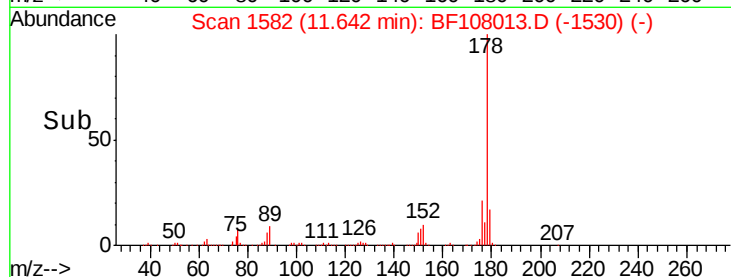
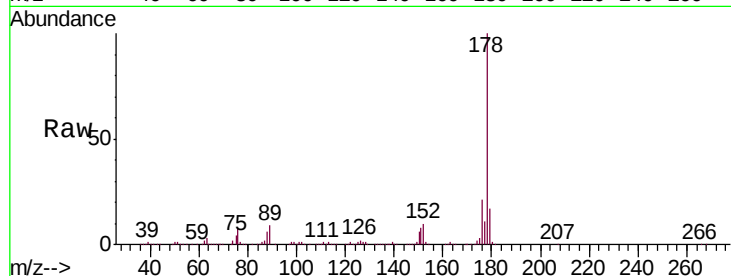




#71
 Anthracene
 Concen: 39.672 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108013.D
 Acq: 8 Aug 2018 12:19

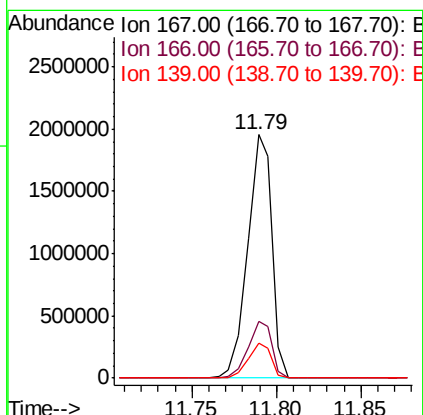
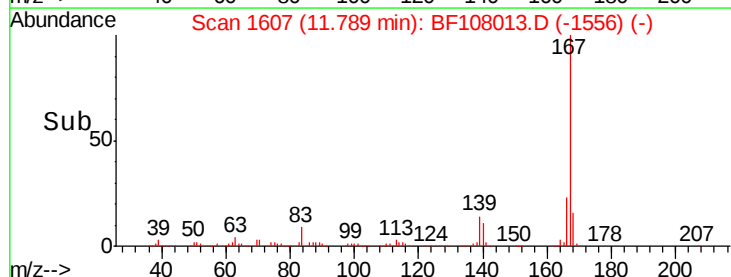
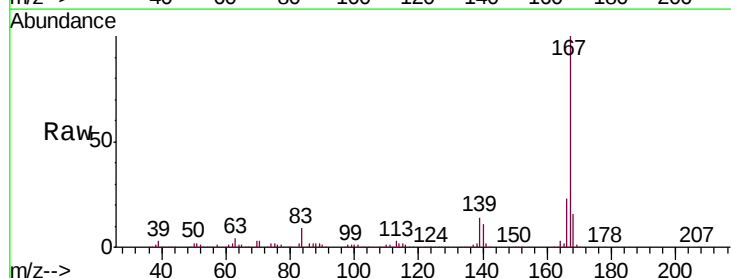
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

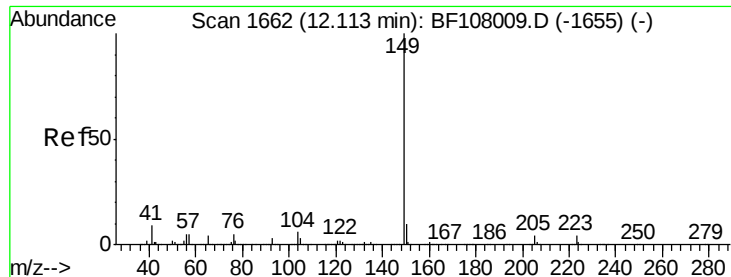
Tgt Ion:178 Resp: 2198948
 Ion Ratio Lower Upper
 178 100
 176 21.3 15.4 23.2
 179 17.1 12.6 19.0



#72
 Carbazole
 Concen: 39.739 ng
 RT: 11.79 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF108013.D
 Acq: 8 Aug 2018 12:19

Tgt Ion:167 Resp: 1956990
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.6 26.4
 139 14.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.240 ng

RT: 12.11 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

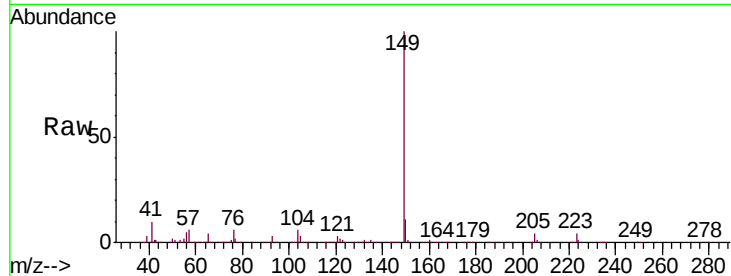
Tgt Ion:149 Resp: 2244615

Ion Ratio Lower Upper

149 100

150 10.7 7.8 11.6

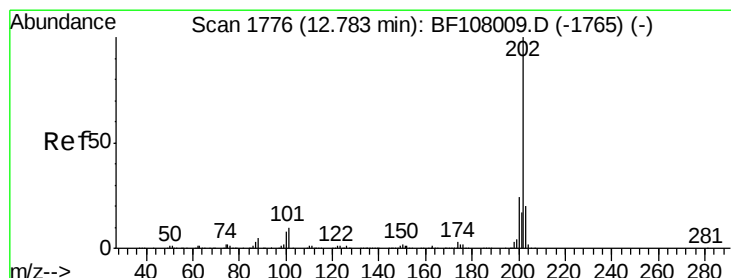
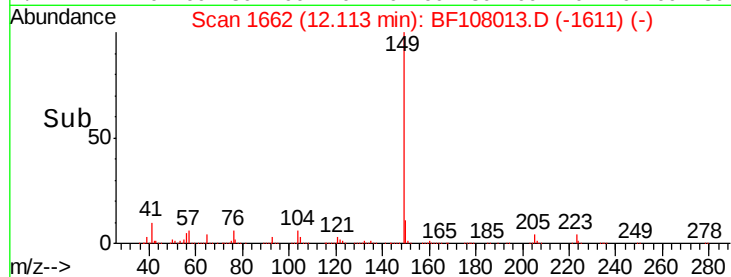
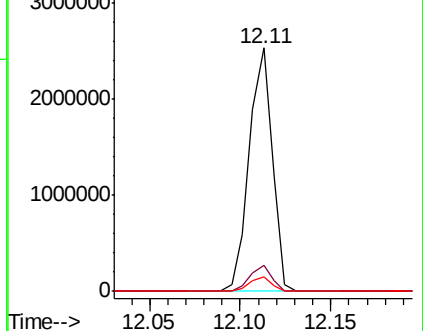
104 6.1 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.705 ng

RT: 12.78 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

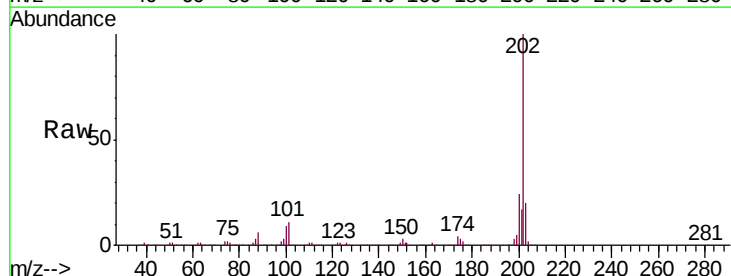
Tgt Ion:202 Resp: 2343455

Ion Ratio Lower Upper

202 100

101 11.4 0.0 34.1

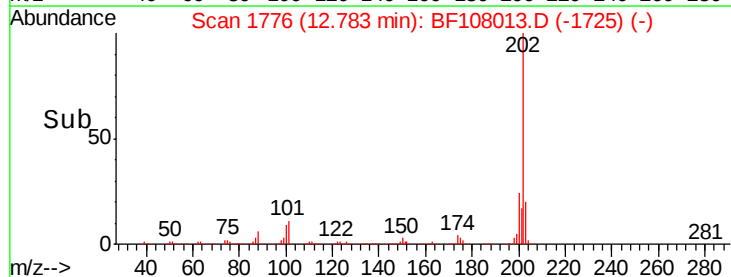
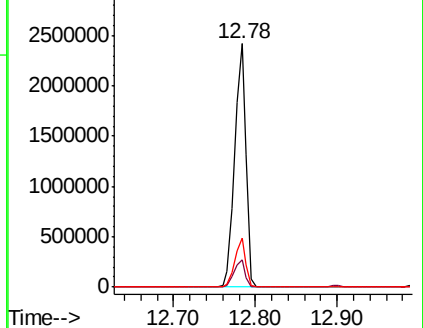
203 20.2 0.0 38.1

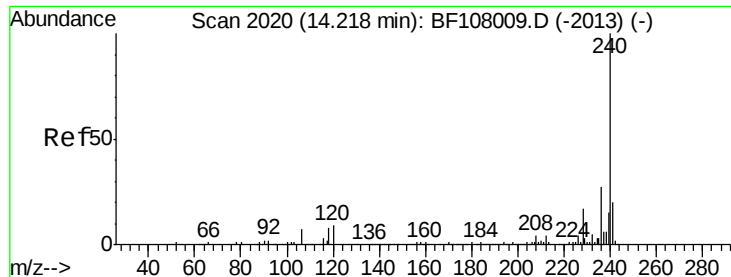


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

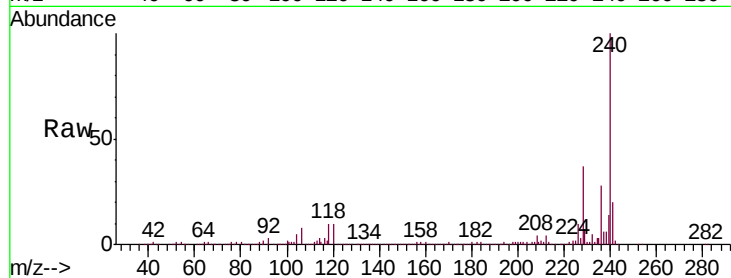
Tgt Ion:240 Resp: 918939

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

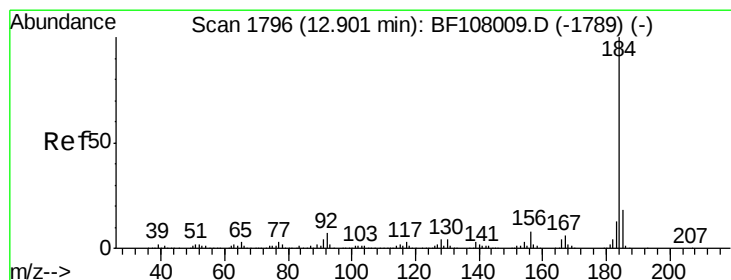
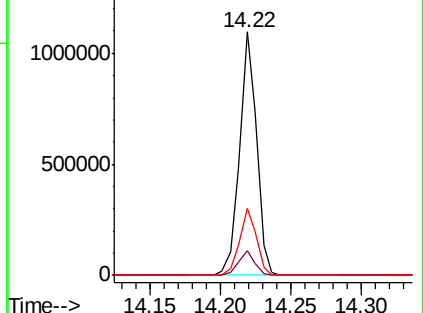
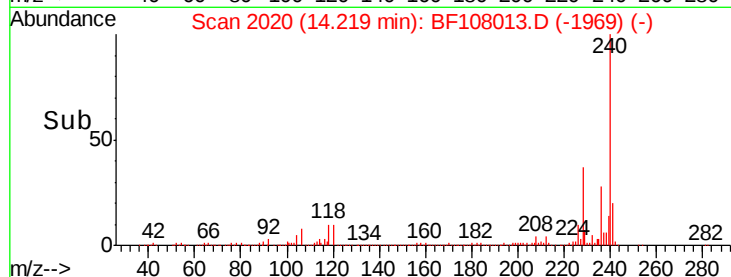
236 27.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.930 ng

RT: 12.90 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

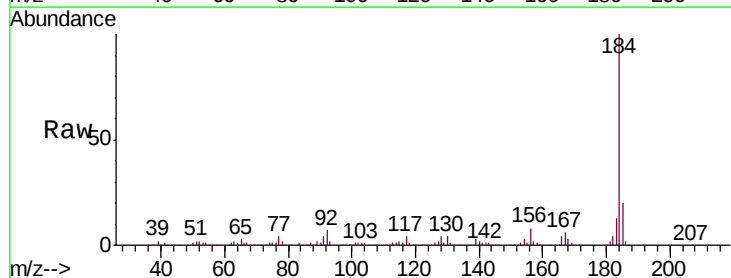
Tgt Ion:184 Resp: 1439602

Ion Ratio Lower Upper

184 100

185 19.6 12.6 18.8#

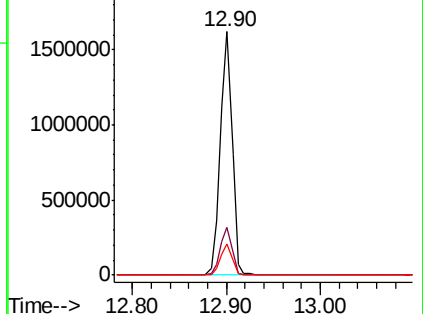
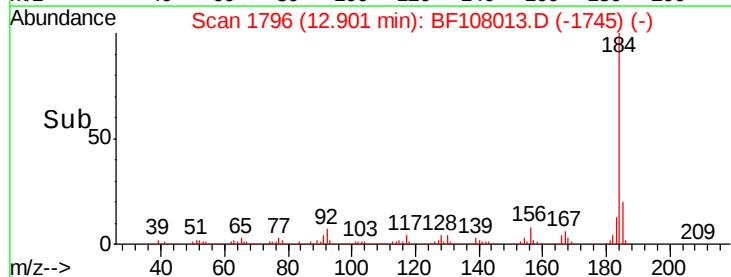
183 13.0 9.3 13.9

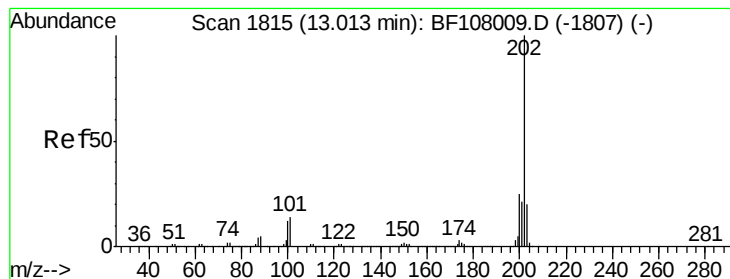


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.944 ng

RT: 13.01 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

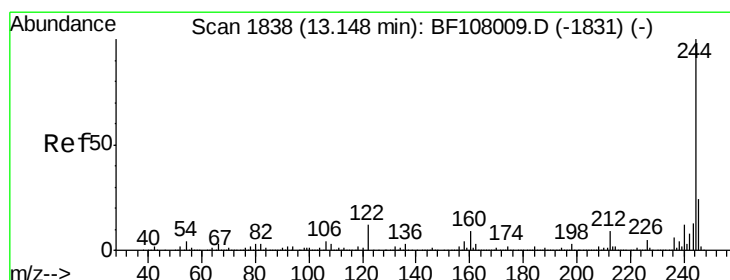
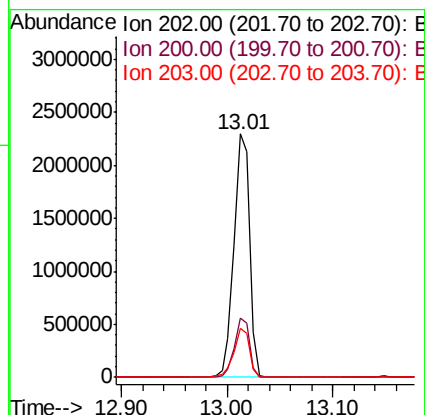
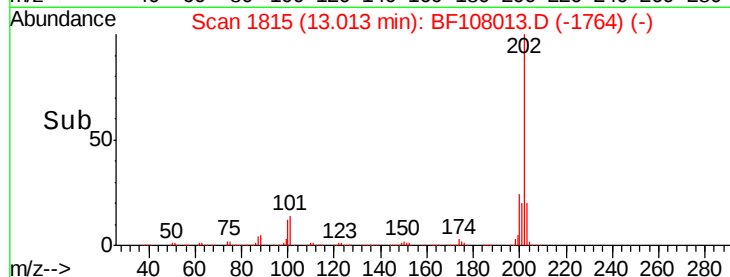
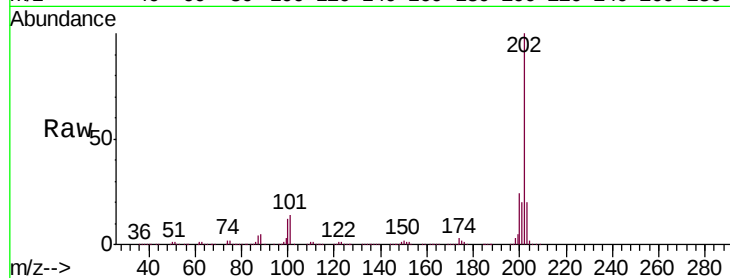
Tgt Ion:202 Resp: 2323881

Ion Ratio Lower Upper

202 100

200 24.3 17.4 26.2

203 20.1 14.3 21.5



#78

Terphenyl-d14

Concen: 77.482 ng

RT: 13.15 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

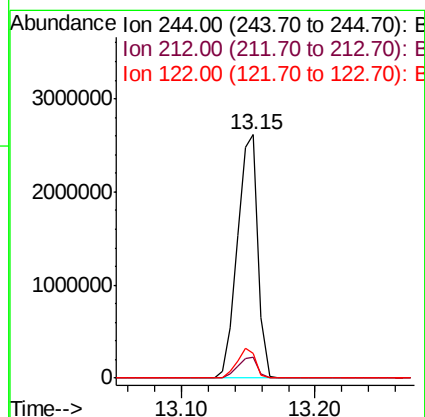
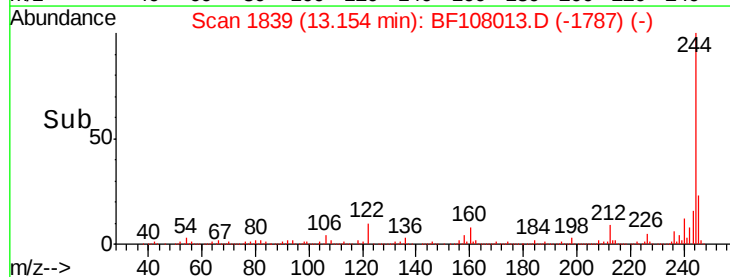
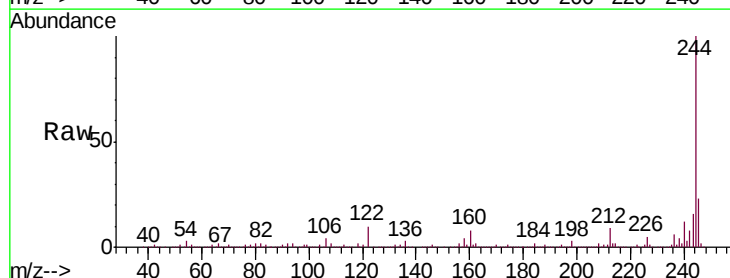
Tgt Ion:244 Resp: 2800370

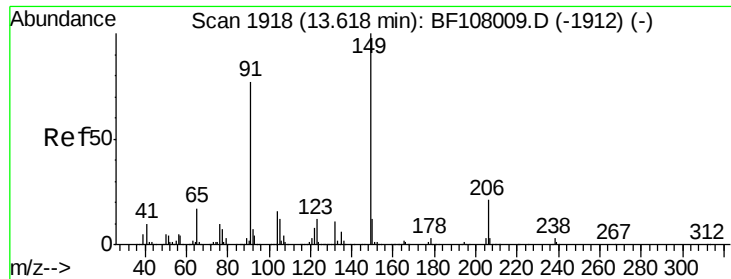
Ion Ratio Lower Upper

244 100

212 8.8 5.4 8.0#

122 10.2 11.0 16.4#

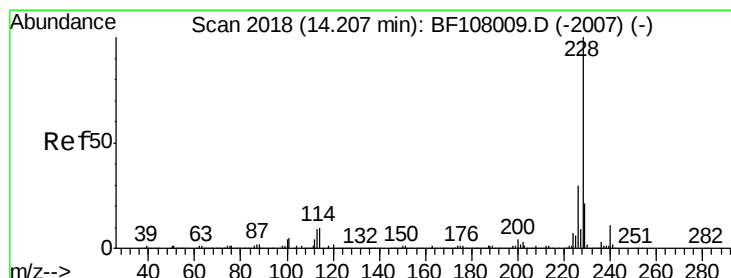
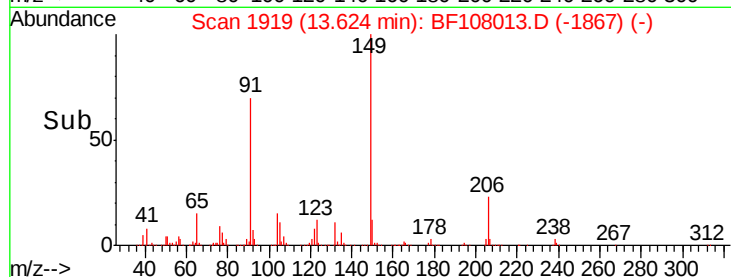
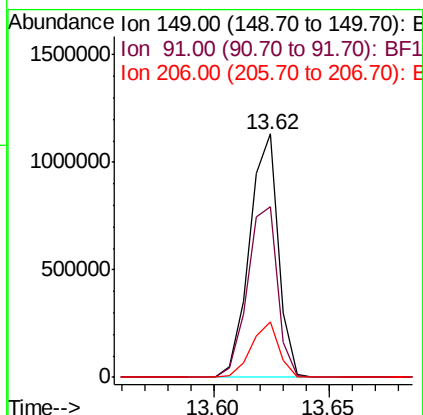
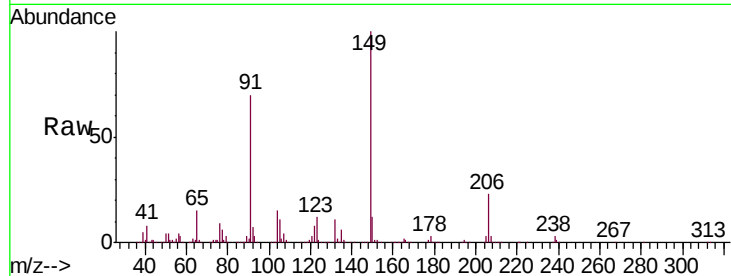




#79
Butylbenzylphthalate
Concen: 42.656 ng
RT: 13.62 min Scan# 1919
Delta R.T. 0.01 min
Lab File: BF108013.D
Acq: 8 Aug 2018 12:19

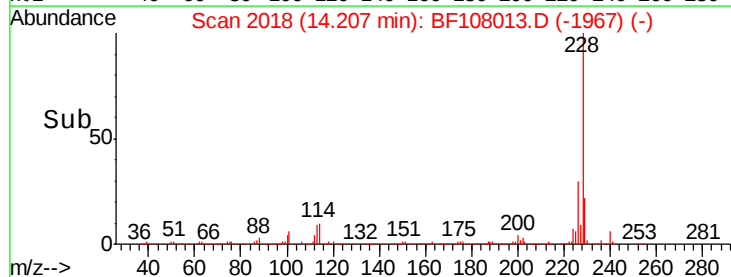
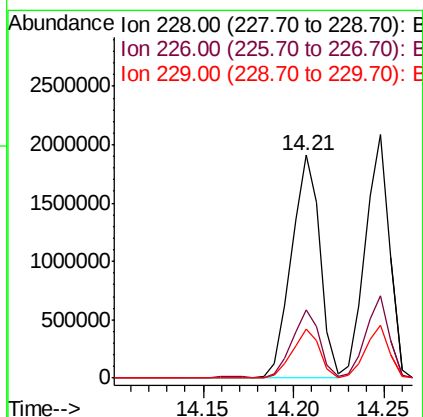
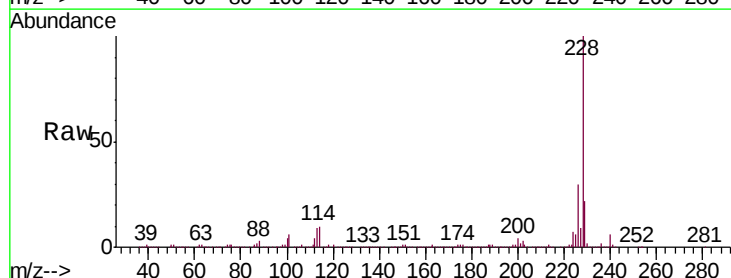
Instrument :
BNA_F
ClientSampleId :
DFTPP

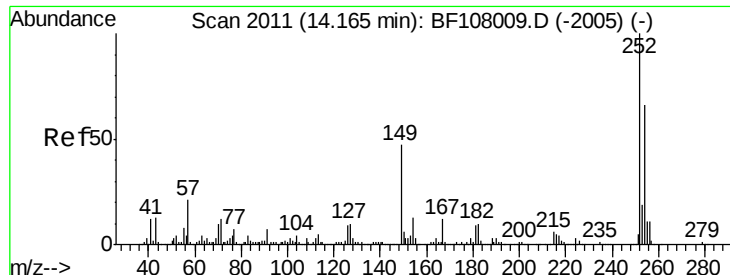
Tgt Ion:149 Resp: 985433
Ion Ratio Lower Upper
149 100
91 70.2 56.8 85.2
206 22.8 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 40.041 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF108013.D
Acq: 8 Aug 2018 12:19

Tgt Ion:228 Resp: 2111656
Ion Ratio Lower Upper
228 100
226 30.4 22.6 33.8
229 21.9 15.8 23.6

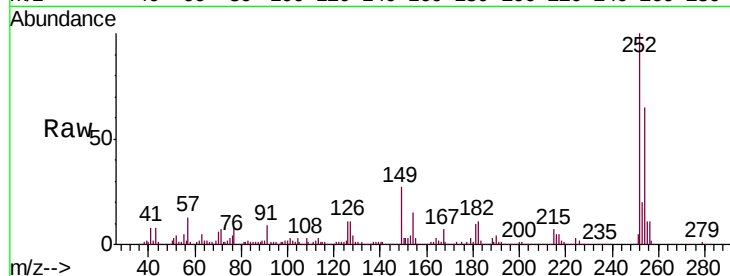




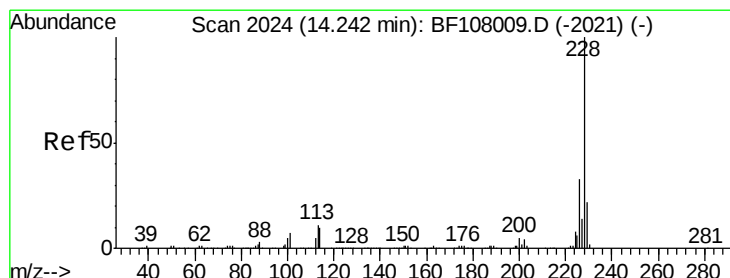
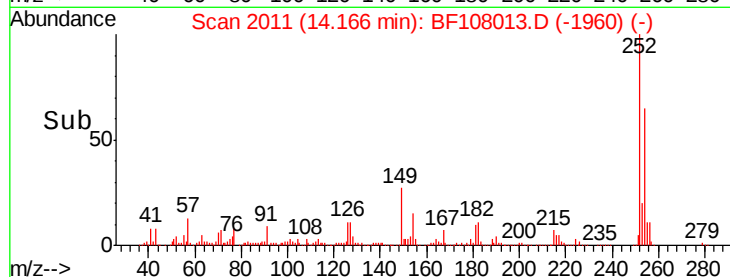
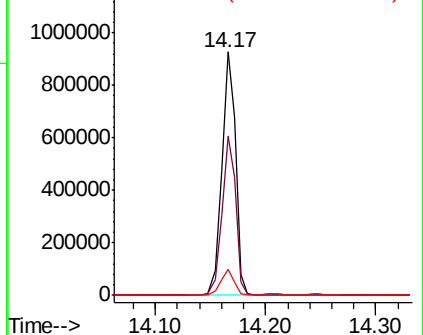
#81
 3,3'-Dichlorobenzidine
 Concen: 42.681 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF108013.D
 Acq: 8 Aug 2018 12:19

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 252 Resp: 806662
 Ion Ratio Lower Upper
 252 100
 254 65.3 50.4 75.6
 126 10.9 11.3 16.9#

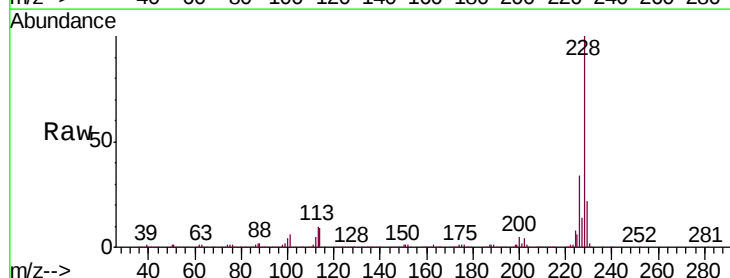


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

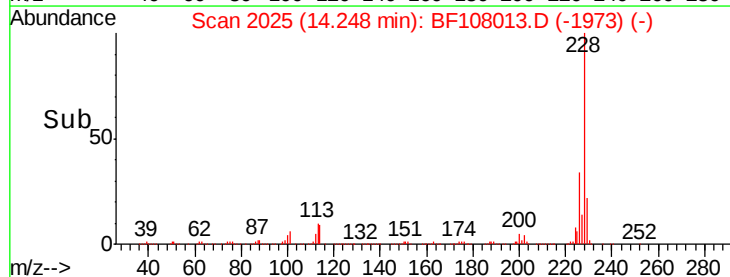
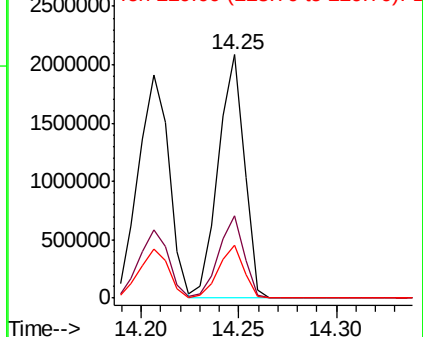


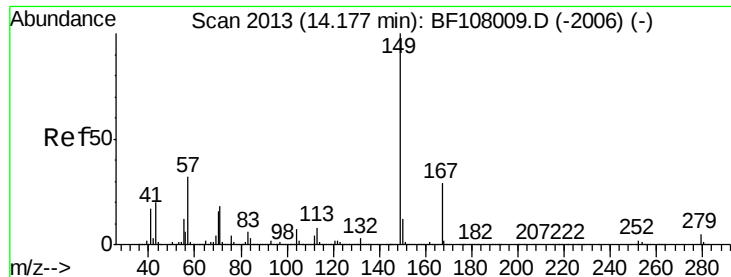
#82
 Chrysene
 Concen: 40.089 ng
 RT: 14.25 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF108013.D
 Acq: 8 Aug 2018 12:19

Tgt Ion: 228 Resp: 1938261
 Ion Ratio Lower Upper
 228 100
 226 33.7 25.0 37.6
 229 21.9 16.2 24.4



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

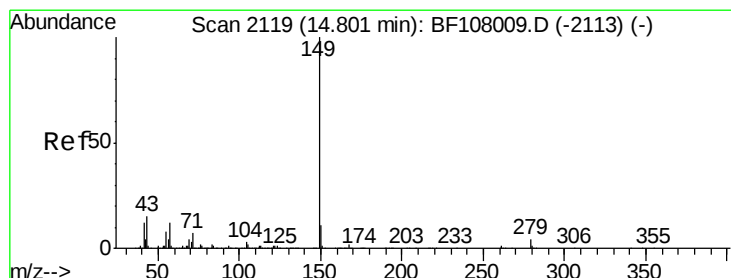
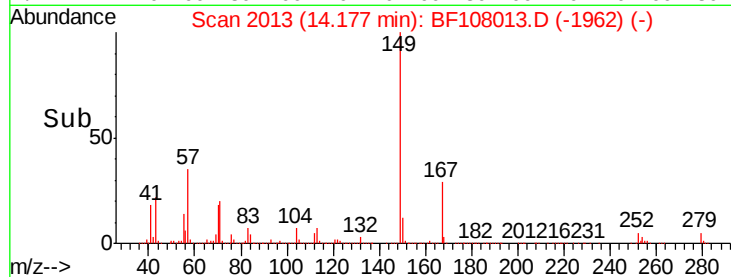
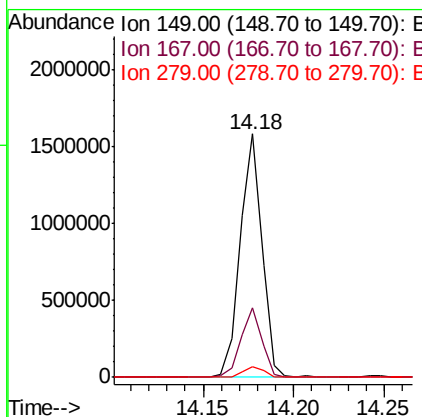
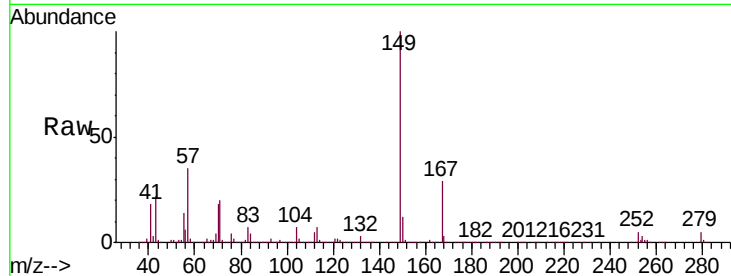




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.144 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF108013.D
 Acq: 8 Aug 2018 12:19

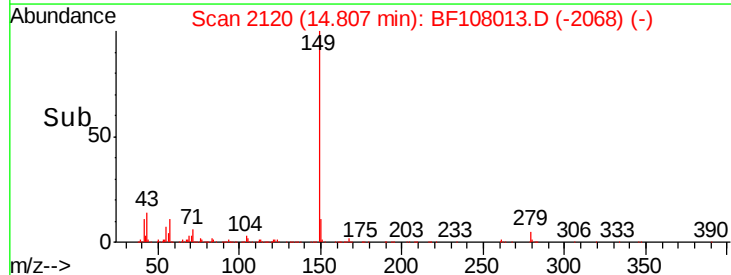
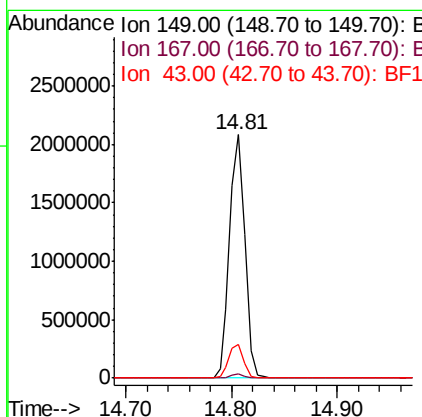
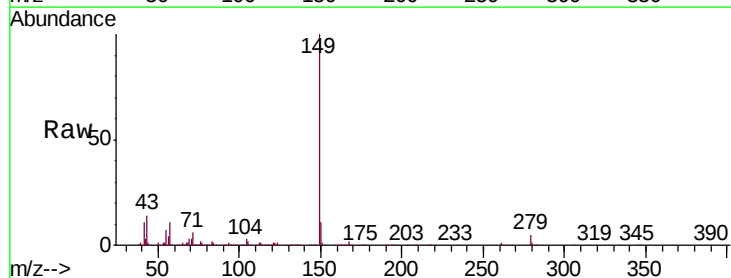
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

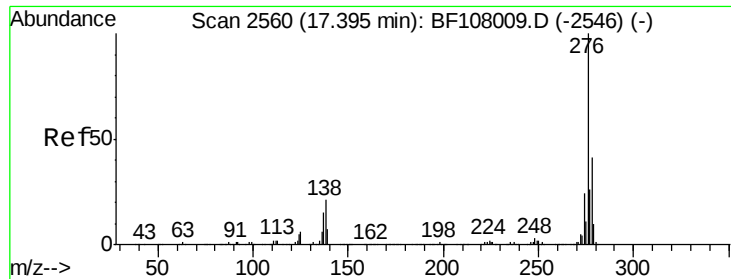
Tgt Ion:149 Resp: 1318438
 Ion Ratio Lower Upper
 149 100
 167 28.5 21.3 31.9
 279 4.6 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 43.790 ng
 RT: 14.81 min Scan# 2120
 Delta R.T. 0.01 min
 Lab File: BF108013.D
 Acq: 8 Aug 2018 12:19

Tgt Ion:149 Resp: 2089253
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 13.4 8.4 12.6#

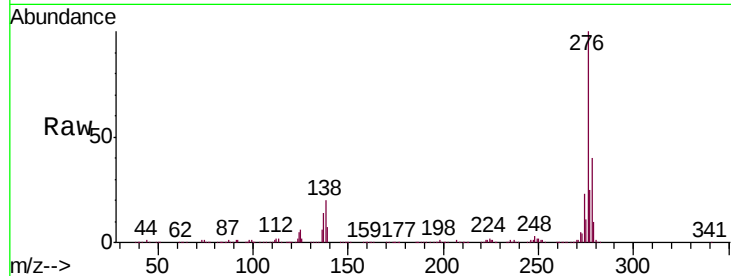




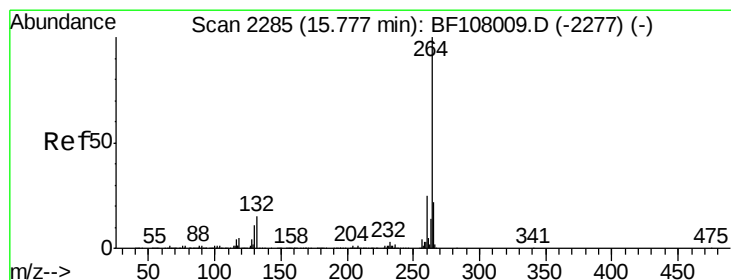
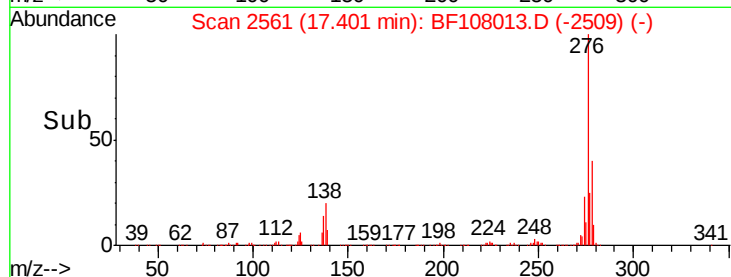
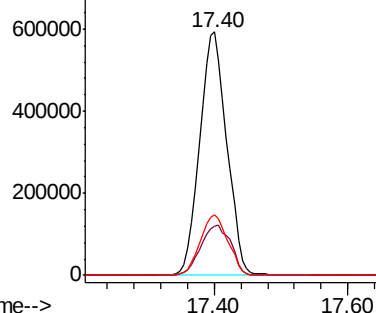
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.140 ng
 RT: 17.40 min Scan# 2561
 Delta R.T. 0.01 min
 Lab File: BF108013.D
 Acq: 8 Aug 2018 12:19

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:276 Resp: 1681583
 Ion Ratio Lower Upper
 276 100
 138 22.9 25.0 37.6#
 277 25.5 20.1 30.1

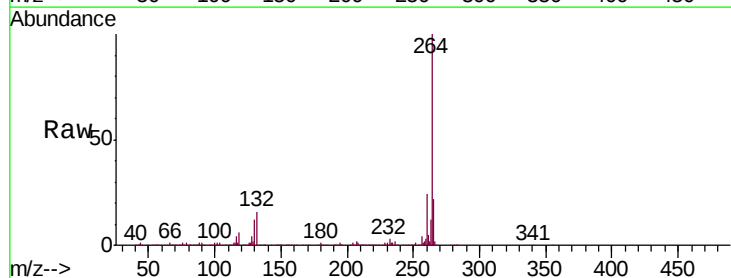


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

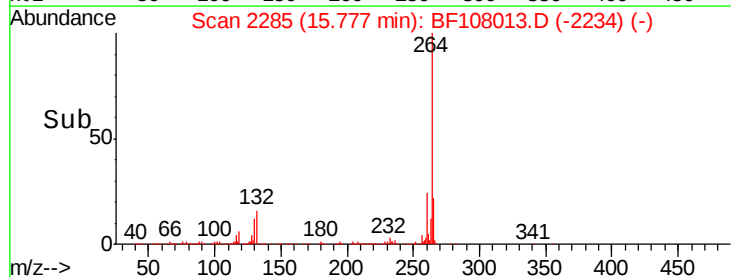
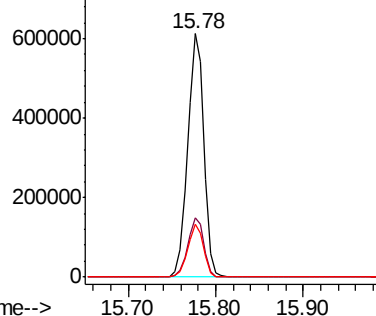


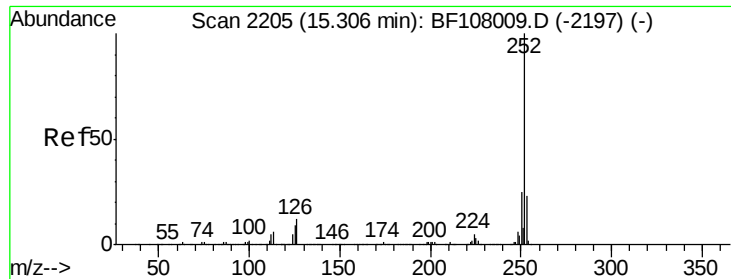
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.78 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: BF108013.D
 Acq: 8 Aug 2018 12:19

Tgt Ion:264 Resp: 785760
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.8 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.090 ng

RT: 15.31 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

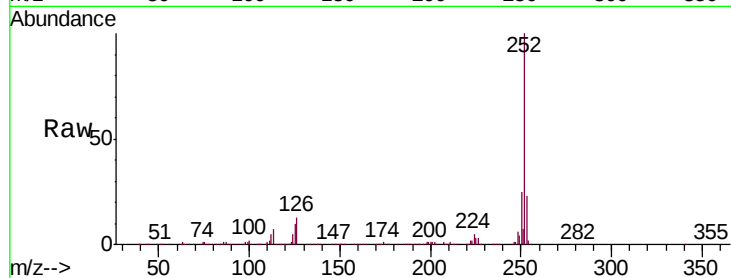
Tgt Ion:252 Resp: 1882326

Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.6

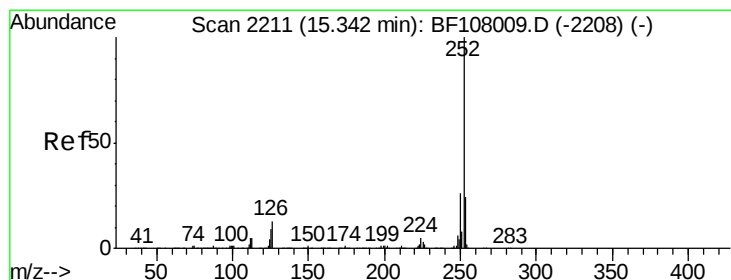
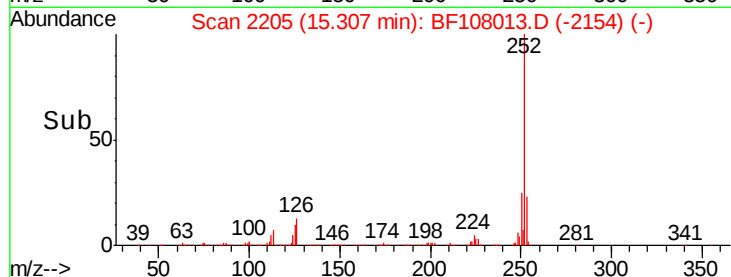
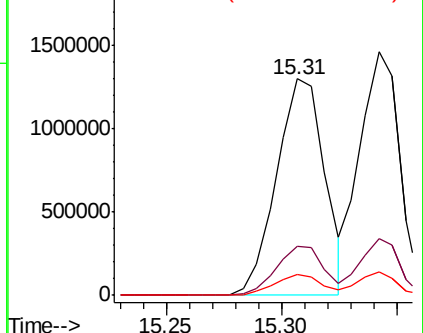
125 9.5 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.603 ng

RT: 15.34 min Scan# 2211

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

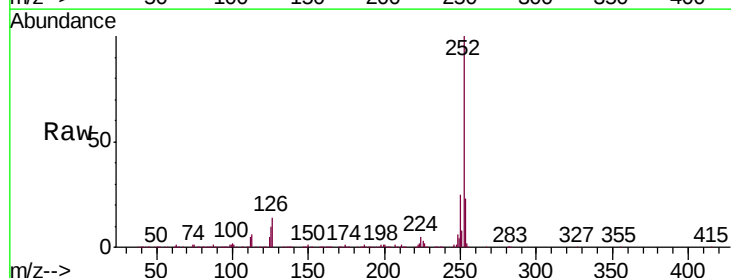
Tgt Ion:252 Resp: 1752451

Ion Ratio Lower Upper

252 100

253 23.2 17.9 26.9

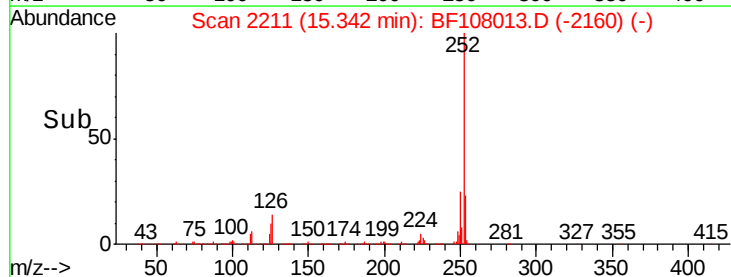
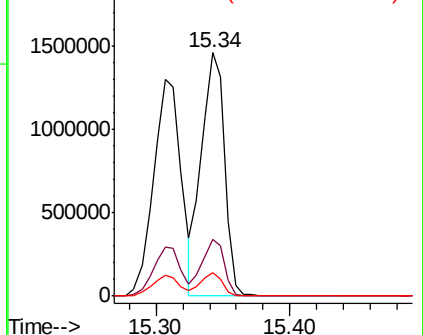
125 9.7 10.2 15.2#

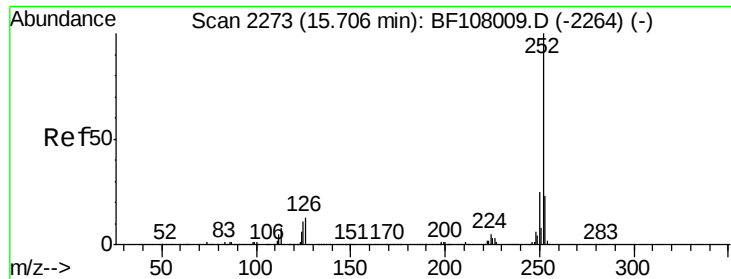


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

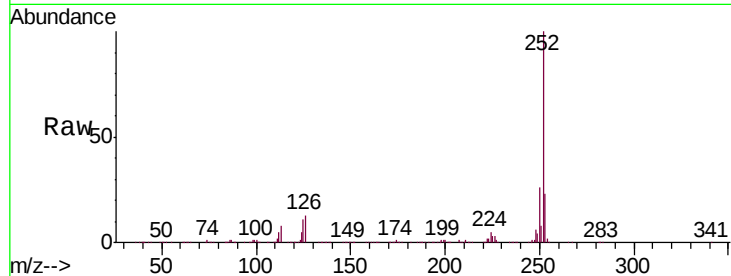




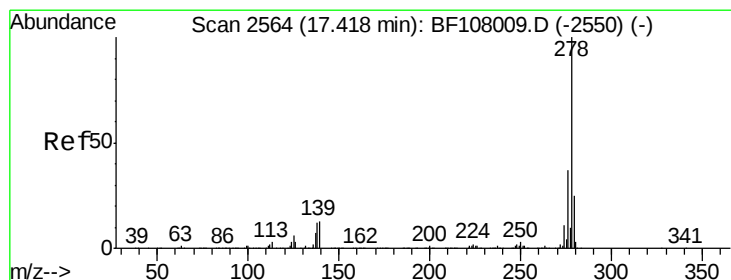
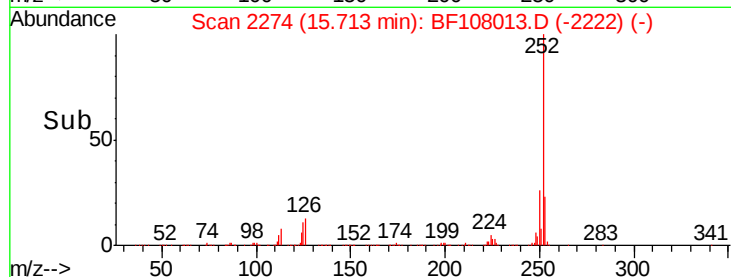
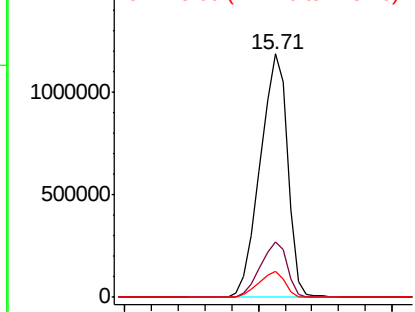
#89
Benzo(a)pyrene
Concen: 40.099 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF108013.D
Acq: 8 Aug 2018 12:19

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 1685938
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 10.5 9.8 14.6

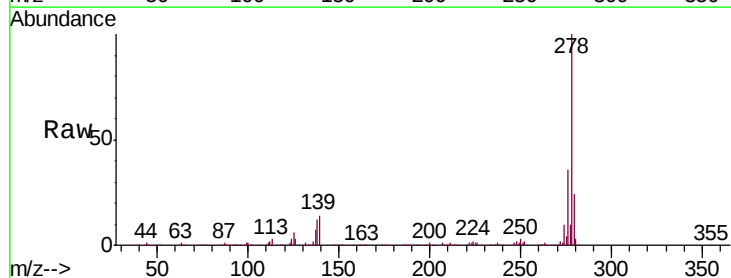


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

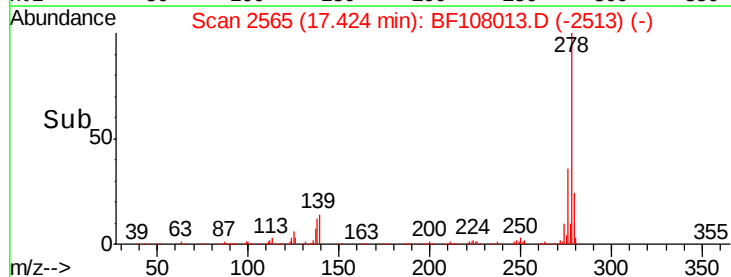
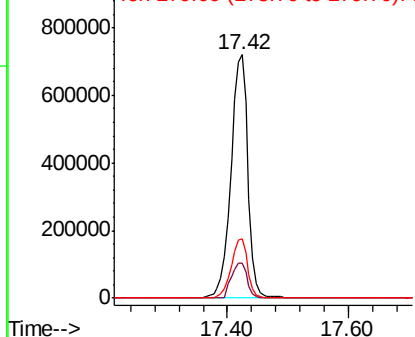


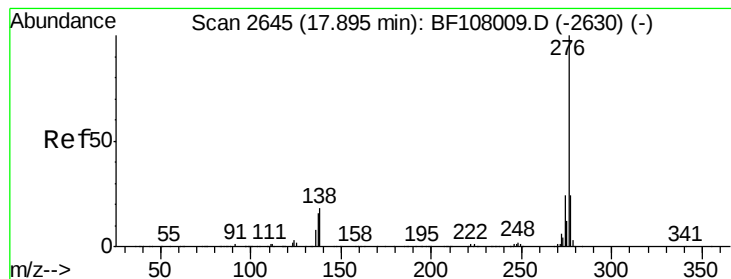
#90
Dibenzo(a,h)anthracene
Concen: 40.566 ng
RT: 17.42 min Scan# 2565
Delta R.T. 0.01 min
Lab File: BF108013.D
Acq: 8 Aug 2018 12:19

Tgt Ion:278 Resp: 1411218
Ion Ratio Lower Upper
278 100
139 14.2 15.9 23.9#
279 24.5 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.827 ng

RT: 17.89 min Scan# 2645

Delta R.T. 0.00 min

Lab File: BF108013.D

Acq: 8 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion: 276 Resp: 1364287

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 20.4 21.8 32.8#

