

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108803.D
 Acq On : 6 Sep 2018 4:27
 Operator : JU/SJ
 Sample : J4782-03MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 05:33:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	219501	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	773578	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	315297	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	593181	20.00	ng	0.00
75) Chrysene-d12	13.87	240	496105	20.00	ng	0.00
86) Perylene-d12	15.27	264	401503	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	840014	63.40	ng	0.01
7) Phenol-d6	6.37	99	1037467	60.86	ng	0.00
23) Nitrobenzene-d5	7.30	82	591962	47.89	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	196902	65.42	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	963418	52.13	ng	0.00
78) Terphenyl-d14	12.82	244	983564	46.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	145400	22.834	ng	# 84
3) Pyridine	3.17	79	378575	21.709	ng	93
4) n-Nitrosodimethylamine	3.09	42	168202	25.113	ng	88
6) Aniline	6.40	93	432138	18.847	ng	96
8) 2-Chlorophenol	6.52	128	337446	23.009	ng	97
9) Benzaldehyde	6.28	77	207349	17.145	ng	99
10) Phenol	6.38	94	452319	23.165	ng	99
11) bis(2-Chloroethyl)ether	6.47	93	345753	22.105	ng	95
12) 1,3-Dichlorobenzene	6.68	146	368565	22.023	ng	99
13) 1,4-Dichlorobenzene	6.75	146	372673	22.267	ng	98
14) 1,2-Dichlorobenzene	6.91	146	349364	22.647	ng	98
15) Benzyl Alcohol	6.87	79	288226	22.031	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	502903	21.509	ng	97
17) 2-Methylphenol	6.99	107	268577	21.670	ng	99
18) Hexachloroethane	7.25	117	94265	15.621	ng	97
19) n-Nitroso-di-n-propylamine	7.15	70	236414	19.951	ng	98
20) 3+4-Methylphenols	7.14	107	333750	22.988	ng	# 57
22) Acetophenone	7.14	105	452487	25.773	ng	# 95
24) Nitrobenzene	7.31	77	331923	25.026	ng	99
25) Isophorone	7.55	82	615464	24.961	ng	99
26) 2-Nitrophenol	7.63	139	68626	13.133	ng	98
27) 2,4-Dimethylphenol	7.67	122	279292	26.321	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	403442	24.473	ng	98
29) 2,4-Dichlorophenol	7.87	162	243453	22.251	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	263273	22.203	ng	96
31) Naphthalene	8.04	128	888694	25.535	ng	100
32) Benzoic acid	7.77	122	14067	6.122	ng	93
33) 4-Chloroaniline	8.08	127	335245	20.973	ng	99
34) Hexachlorobutadiene	8.17	225	155349	21.931	ng	99
35) Caprolactam	8.42	113	74429	20.075	ng	89
36) 4-Chloro-3-methylphenol	8.57	107	239421	20.541	ng	94
37) 2-Methylnaphthalene	8.73	142	559287	24.325	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	244173	25.907	ng	97
40) Hexachlorocyclopentadiene	8.89	237	22014	4.643	ng	92

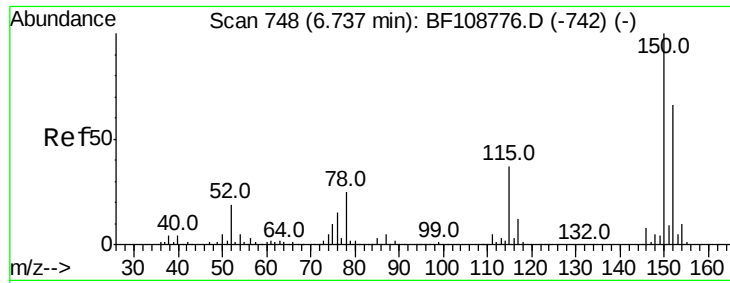
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108803.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	147846	23.030	ng	97
43) 2,4,5-Trichlorophenol	9.04	196	157406	23.654	ng	93
45) 1,1'-Biphenyl	9.19	154	635107	26.164	ng	97
46) 2-Chloronaphthalene	9.21	162	481709	24.538	ng	98
47) 2-Nitroaniline	9.30	65	144994	27.036	ng	94
48) Acenaphthylene	9.62	152	758975	25.937	ng	100
49) Dimethylphthalate	9.49	163	900327	40.826	ng	99
50) 2,6-Dinitrotoluene	9.54	165	79000	18.800	ng	90
51) Acenaphthene	9.80	154	429440	23.716	ng	98
52) 3-Nitroaniline	9.71	138	142930	28.574	ng	91
53) 2,4-Dinitrophenol	9.81	184	285	9.462	ng #	1
54) Dibenzofuran	9.97	168	640369	24.261	ng	97
55) 4-Nitrophenol	9.87	139	165552	44.271	ng	99
56) 2,4-Dinitrotoluene	9.94	165	83454	15.529	ng #	93
57) Fluorene	10.31	166	473879	27.976	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	128107	23.872	ng	89
59) Diethylphthalate	10.19	149	531354	23.348	ng	97
60) 4-Chlorophenyl-phenylether	10.31	204	222848	24.634	ng	93
61) 4-Nitroaniline	10.31	138	136150	30.045	ng	98
62) Azobenzene	10.47	77	531230	22.614	ng	95
64) 4,6-Dinitro-2-methylphenol	10.35	198	959	7.221	ng #	38
65) n-Nitrosodiphenylamine	10.42	169	450307	22.833	ng	95
66) 4-Bromophenyl-phenylether	10.79	248	147000	21.941	ng #	85
67) Hexachlorobenzene	10.86	284	158280	22.131	ng #	91
68) Atrazine	10.95	200	141054	22.341	ng	95
69) Pentachlorophenol	11.05	266	159537	36.486	ng	98
70) Phenanthrene	11.27	178	734713	25.937	ng	100
71) Anthracene	11.32	178	769044	28.355	ng	99
72) Carbazole	11.47	167	713617	24.984	ng	100
73) Di-n-butylphthalate	11.81	149	833402	26.275	ng	99
74) Fluoranthene	12.45	202	834043	29.738	ng	98
76) Benzidine	12.57	184	622395	26.470	ng	98
77) Pyrene	12.68	202	848272	22.221	ng	99
79) Butylbenzylphthalate	13.30	149	389942	22.683	ng	96
80) Benzo(a)anthracene	13.86	228	726109	22.835	ng	99
81) 3,3'-Dichlorobenzidine	13.82	252	273555	22.081	ng	98
82) Chrysene	13.89	228	671842	21.825	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	517933	23.974	ng	99
84) Di-n-octyl phthalate	14.47	149	907831	25.205	ng	99
85) Indeno(1,2,3-cd)pyrene	16.62	276	492139	18.065	ng	97
87) Benzo(b)fluoranthene	14.87	252	524738	24.035	ng	98
88) Benzo(k)fluoranthene	14.90	252	525434	26.134	ng	97
89) Benzo(a)pyrene	15.21	252	475655	24.146	ng	98
90) Dibenzo(a,h)anthracene	16.64	278	423875	24.419	ng	96
91) Benzo(g,h,i)perylene	17.02	276	402428	23.155	ng	96

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

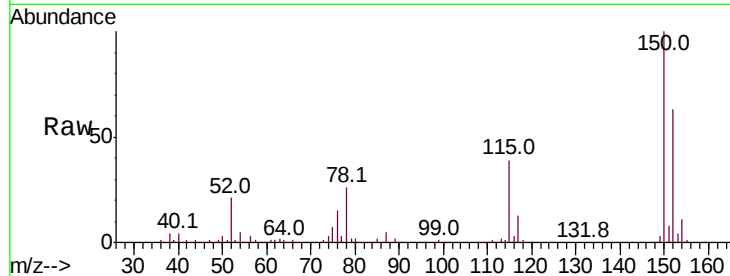


#1

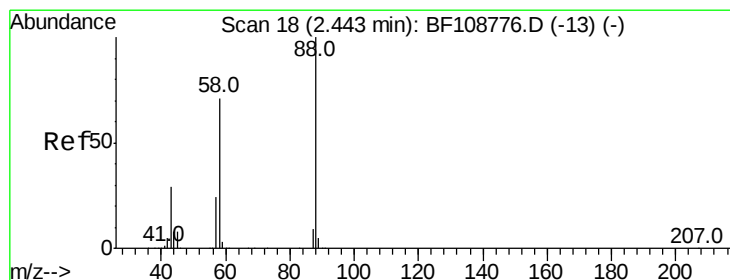
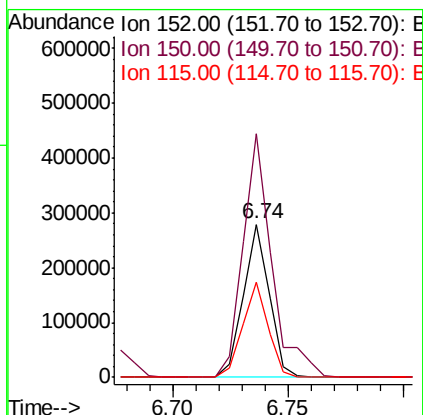
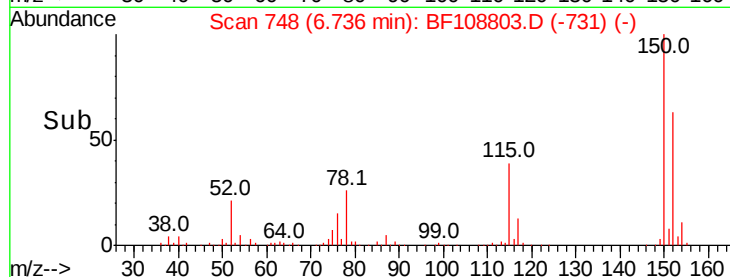
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108803.D
Acq: 6 Sep 2018 4:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	61.8	50.1	75.1



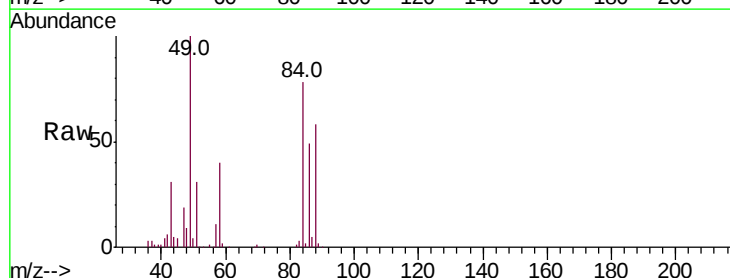
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



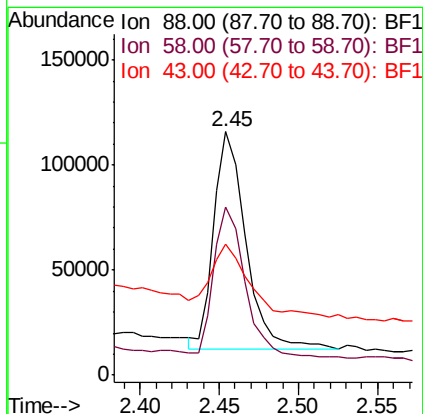
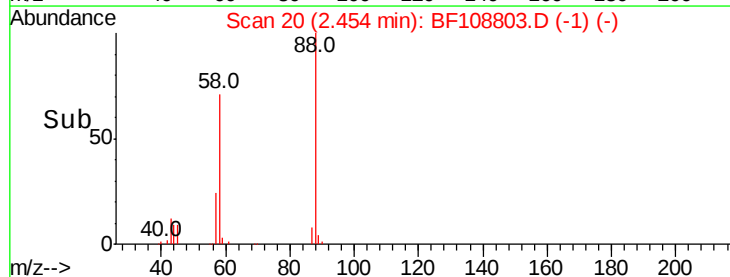
#2

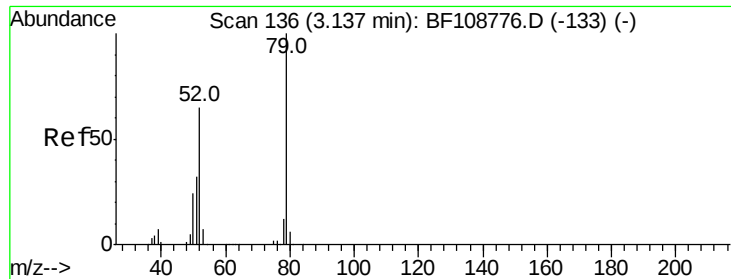
1,4-Dioxane
Concen: 22.834 ng
RT: 2.45 min Scan# 20
Delta R.T. 0.01 min
Lab File: BF108803.D
Acq: 6 Sep 2018 4:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.0	62.6	93.8
43	49.7	24.6	37.0



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





#3

Pvridine

Concen: 21.709 ng

RT: 3.17 min Scan# 141

Delta R.T. 0.03 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

Instrument :

BNA_F

ClientSampleId :

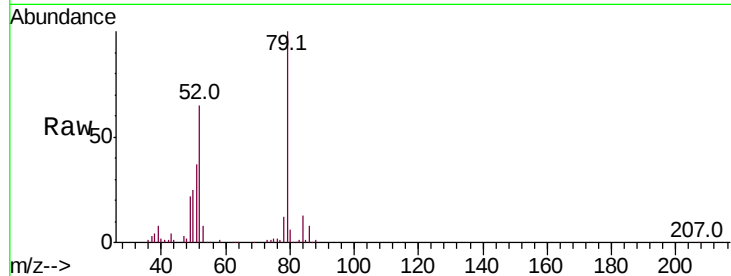
Tot Ion: 79 Resp: 378575

Ion Ratio Lower Upper

79 100

52 65.3 59.8 89.6

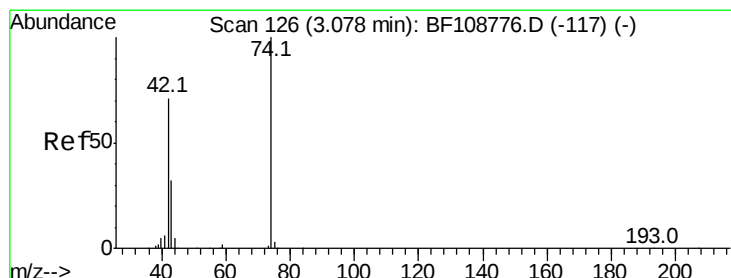
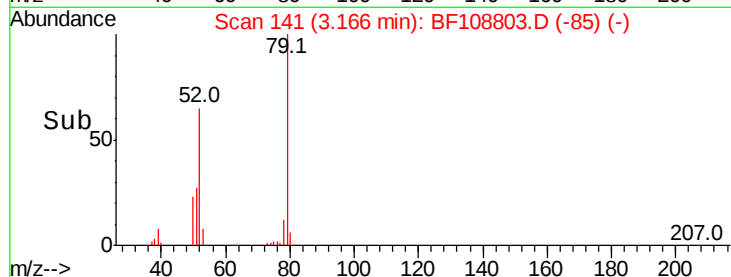
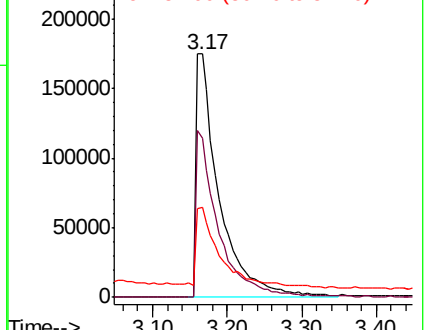
51 37.2 29.8 44.8



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: 25.113 ng

RT: 3.09 min Scan# 128

Delta R.T. 0.01 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

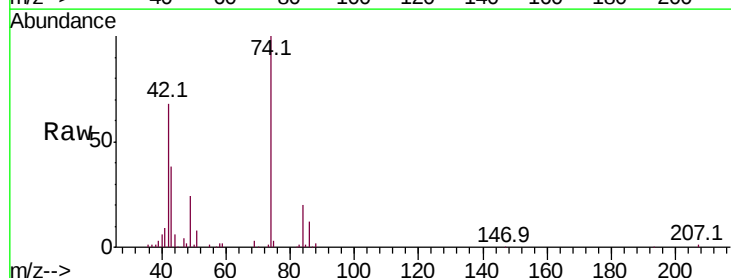
Tgt Ion: 42 Resp: 168202

Ion Ratio Lower Upper

42 100

74 146.6 104.9 157.3

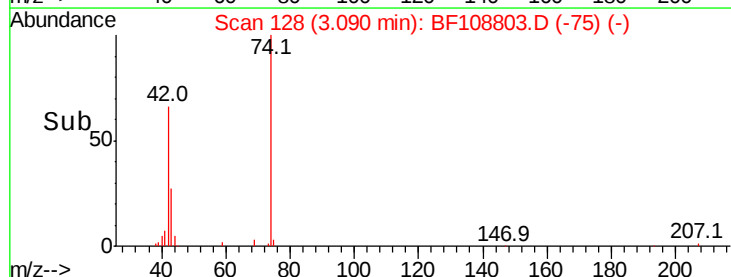
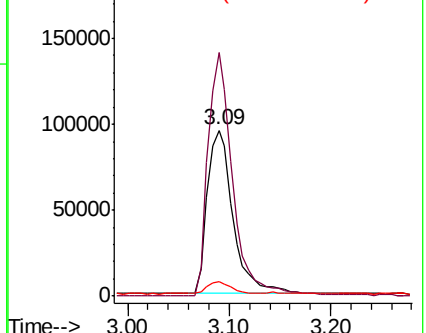
44 8.8 6.9 10.3

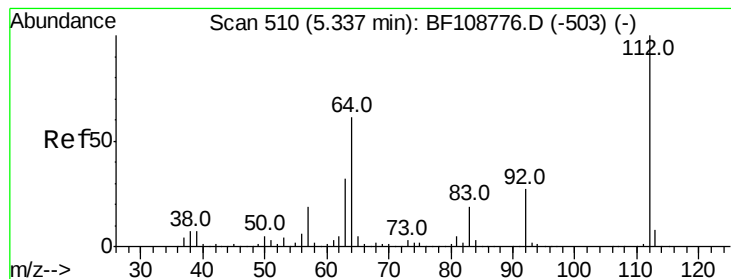


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 63.399 ng

RT: 5.35 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

Instrument :

BNA_F

ClientSampled :

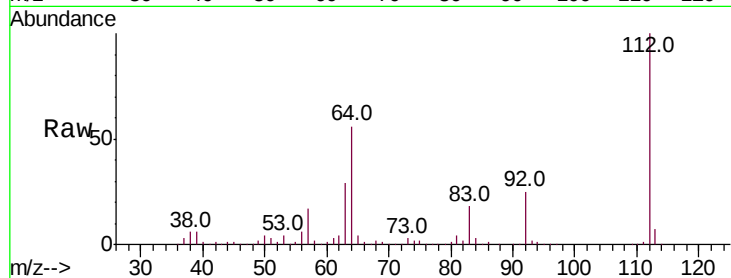
Tot Ion:112 Resp: 840014

Ion Ratio Lower Upper

112 100

64 56.3 47.9 71.9

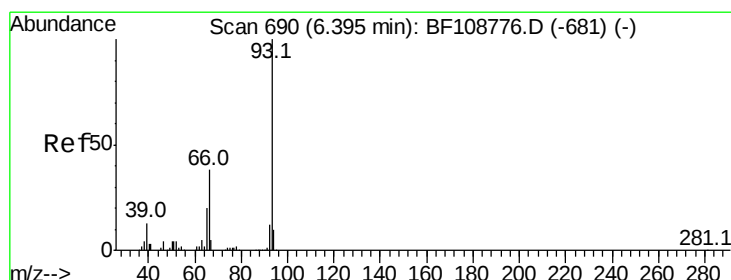
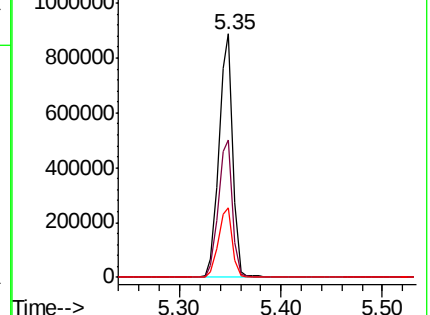
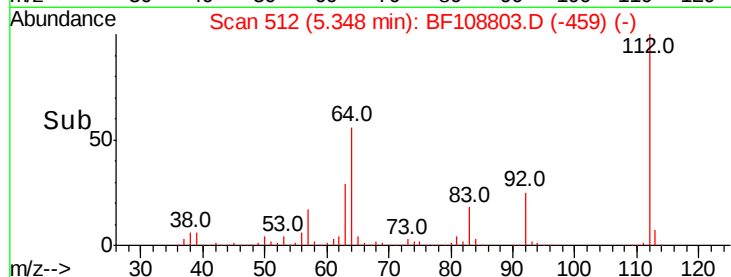
63 28.6 23.7 35.5



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: 18.847 ng

RT: 6.40 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

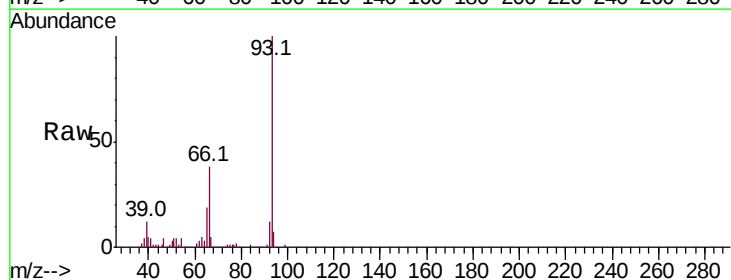
Tgt Ion: 93 Resp: 432138

Ion Ratio Lower Upper

93 100

66 37.6 32.2 48.2

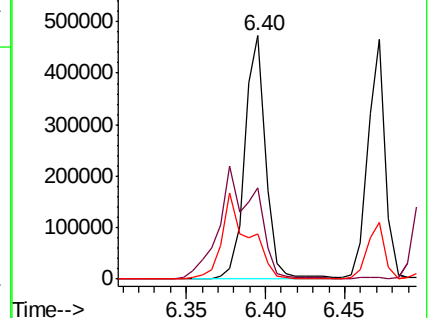
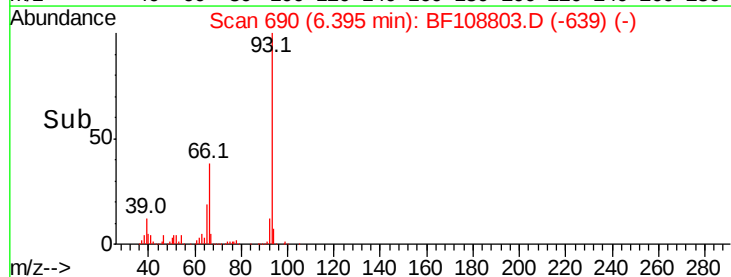
65 18.7 16.4 24.6

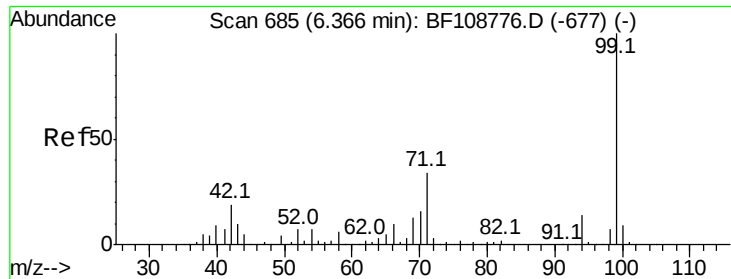


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 60.857 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

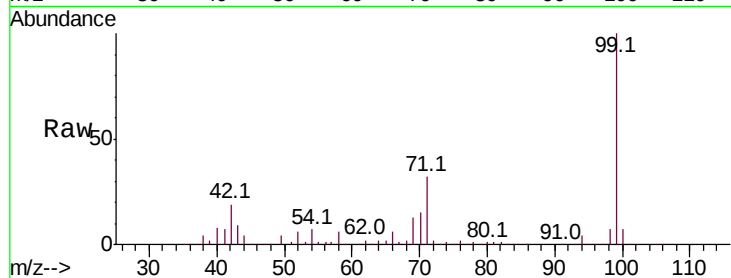
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1037467

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.5	21.7
71	32.5	25.4	38.0

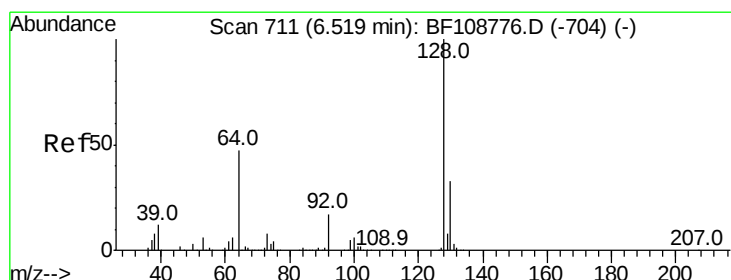
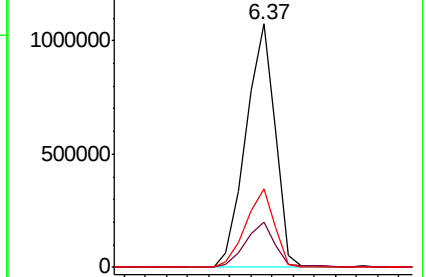
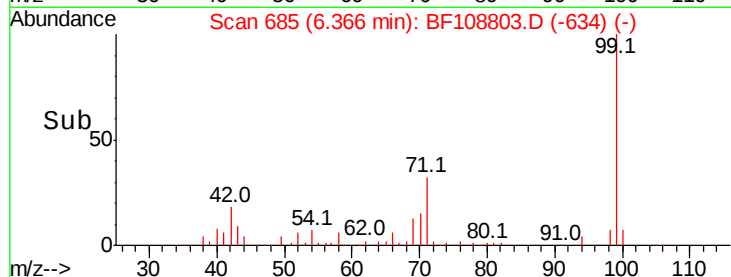


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 23.009 ng

RT: 6.52 min Scan# 711

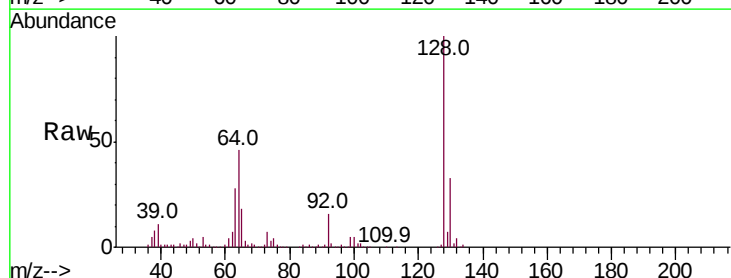
Delta R.T. -0.00 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

Tgt Ion: 128 Resp: 337446

Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.0	53.0
64	46.5	29.4	69.4

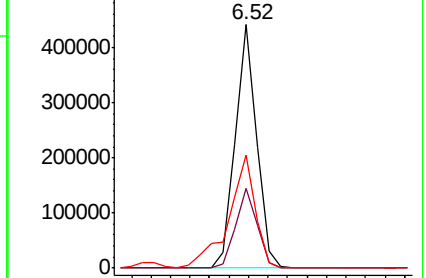
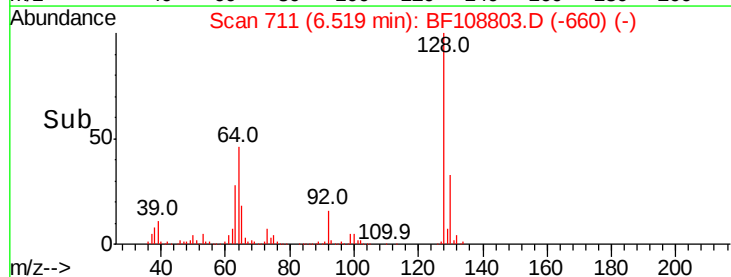


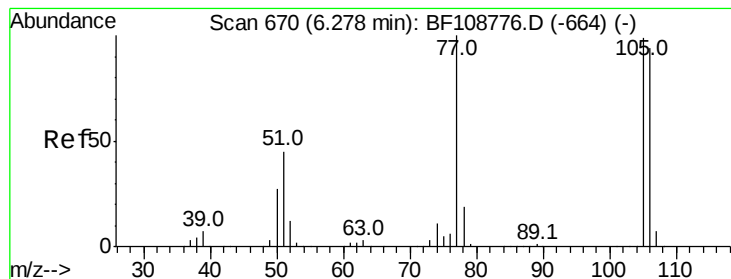
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.145 ng

RT: 6.28 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

Instrument :

BNA_F

ClientSampleId :

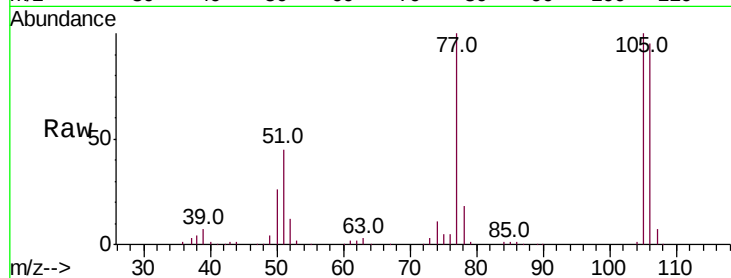
Tot Ion: 77 Resp: 207349

Ion Ratio Lower Upper

77 100

105 100.0 81.1 121.1

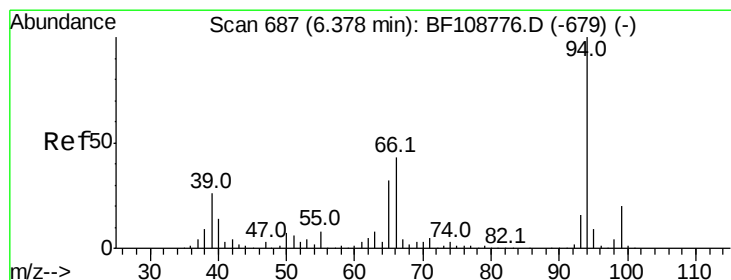
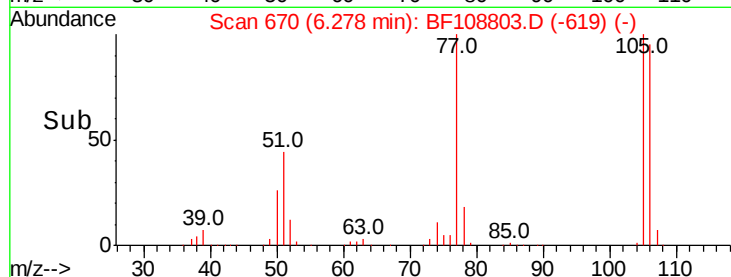
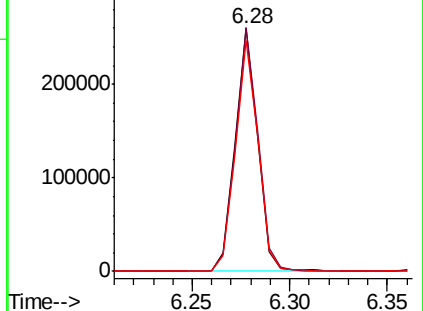
106 94.9 74.5 114.5



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: 23.165 ng

RT: 6.38 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

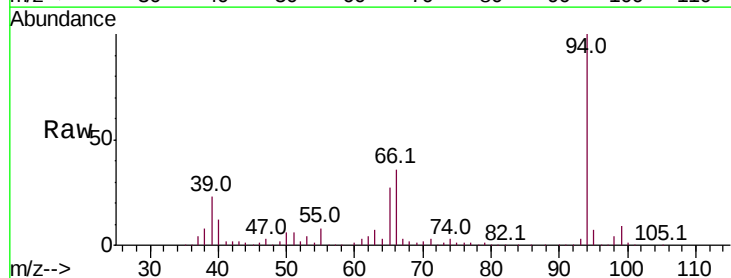
Tgt Ion: 94 Resp: 452319

Ion Ratio Lower Upper

94 100

65 27.4 7.9 47.9

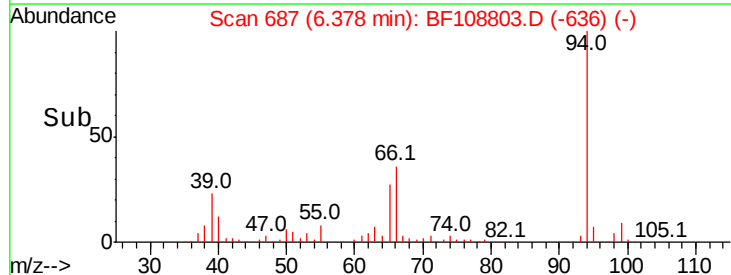
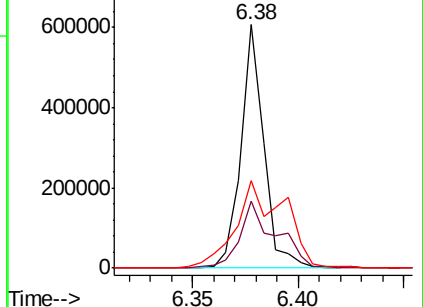
66 36.0 16.2 56.2

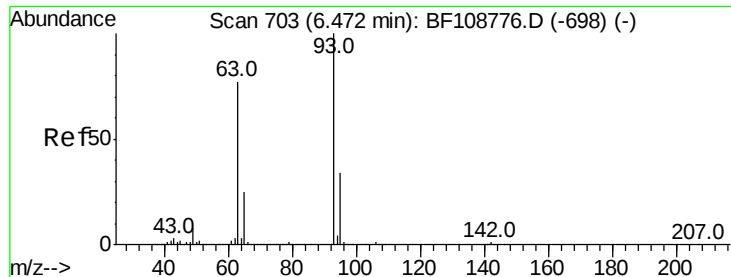


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 22.105 ng

RT: 6.47 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

Instrument :

BNA_F

ClientSampleId :

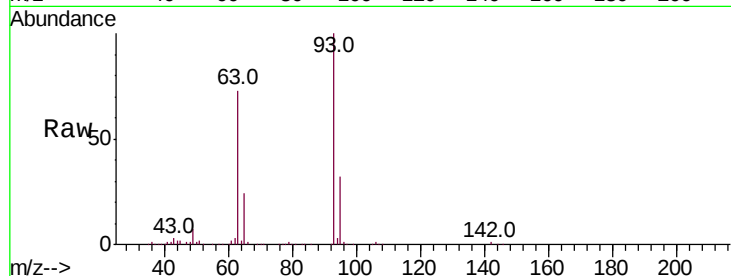
Tot Ion: 93 Resp: 345753

Ion Ratio Lower Upper

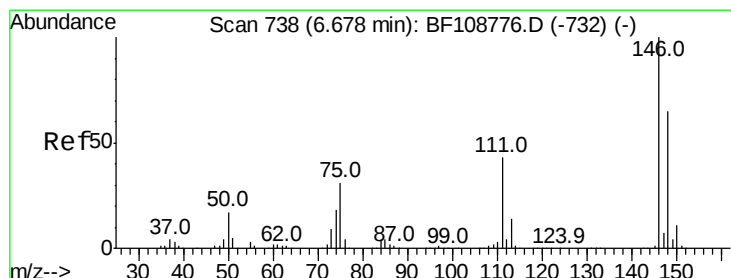
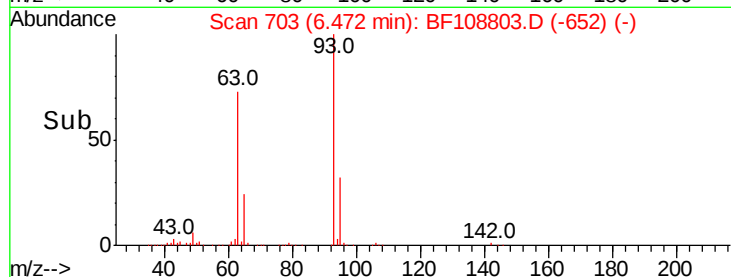
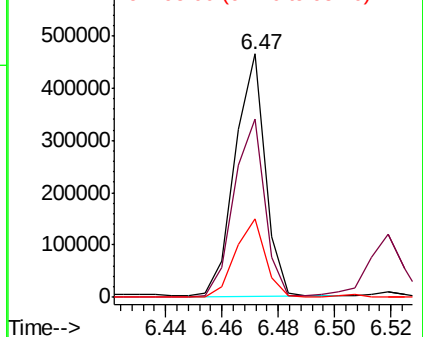
93 100

63 73.4 58.6 98.6

95 32.4 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 22.023 ng

RT: 6.68 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

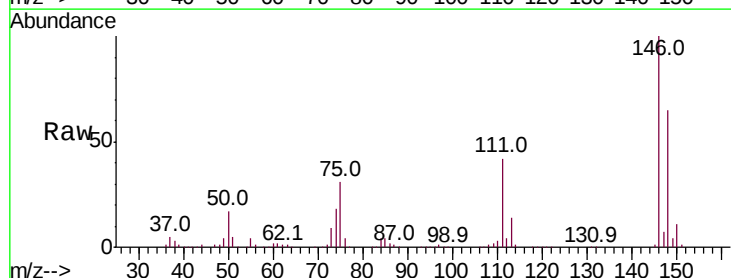
Tgt Ion: 146 Resp: 368565

Ion Ratio Lower Upper

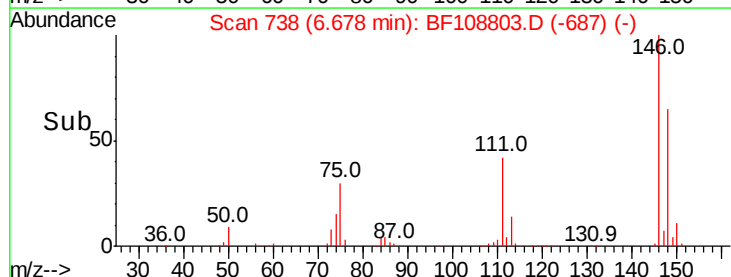
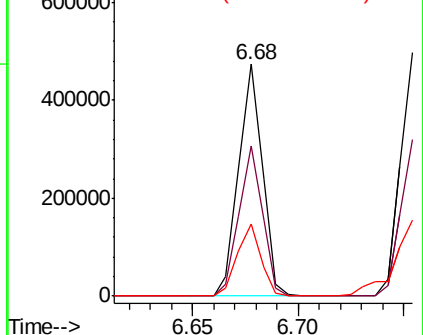
146 100

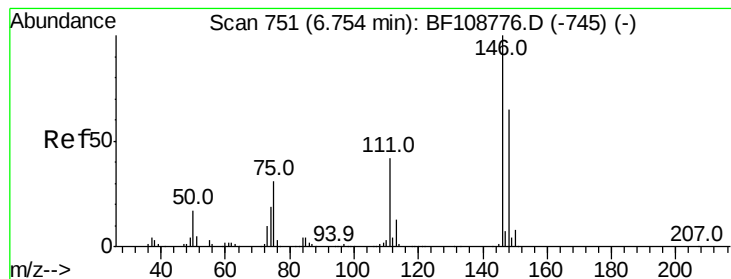
148 64.8 51.8 77.8

75 31.2 24.2 36.4



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





#13

1,4-Dichlorobenzene

Concen: 22.267 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

Instrument :

BNA_F

ClientSampleId :

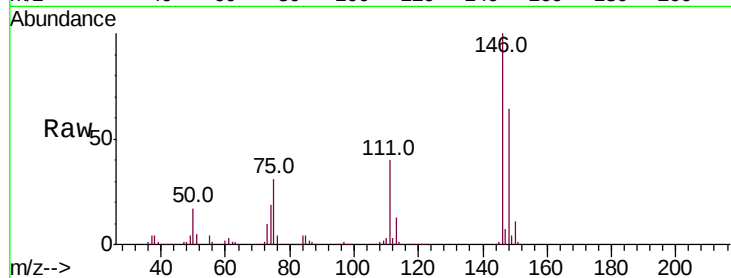
Tot Ion:146 Resp: 372673

Ion Ratio Lower Upper

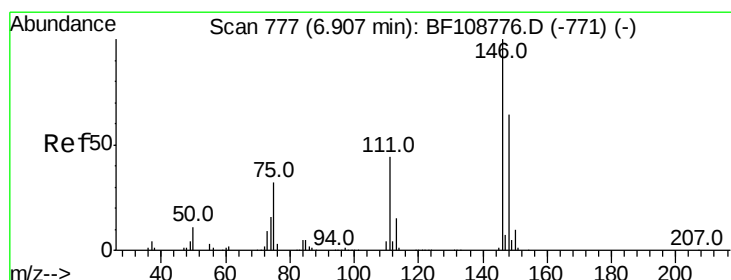
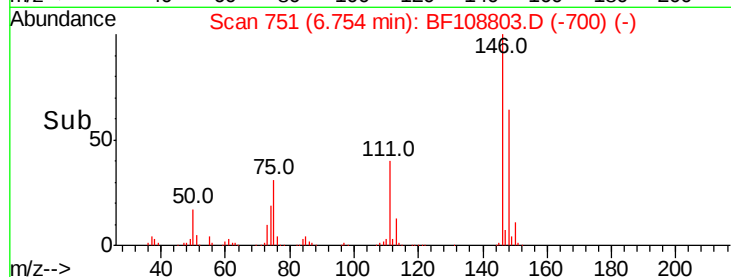
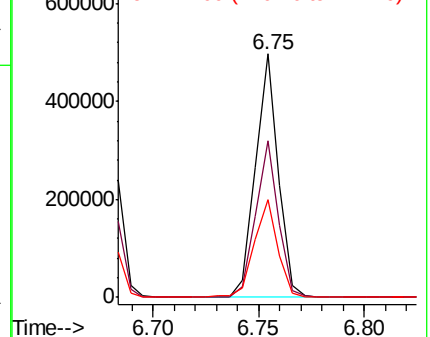
146 100

148 64.1 50.8 76.2

111 40.4 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 22.647 ng

RT: 6.91 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

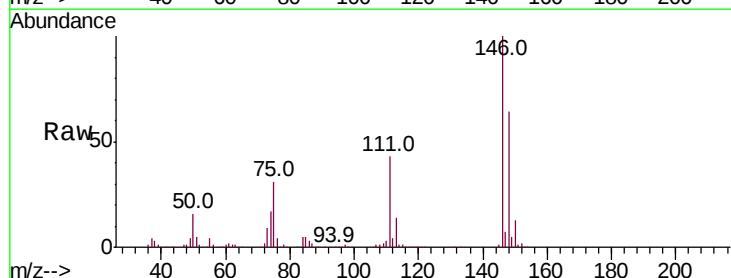
Tgt Ion:146 Resp: 349364

Ion Ratio Lower Upper

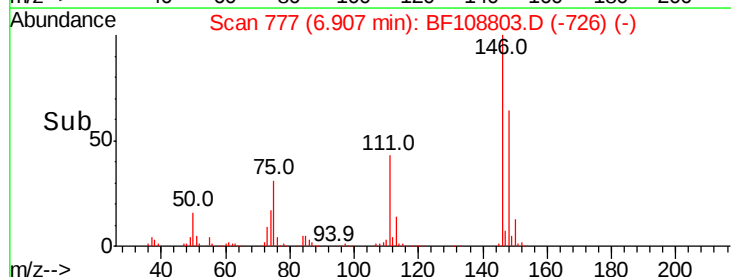
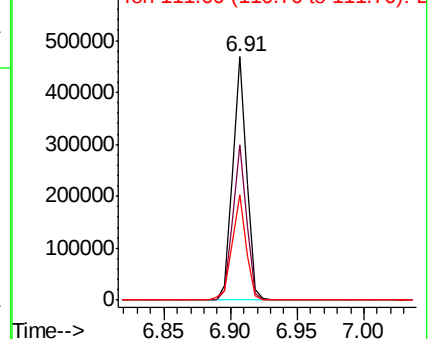
146 100

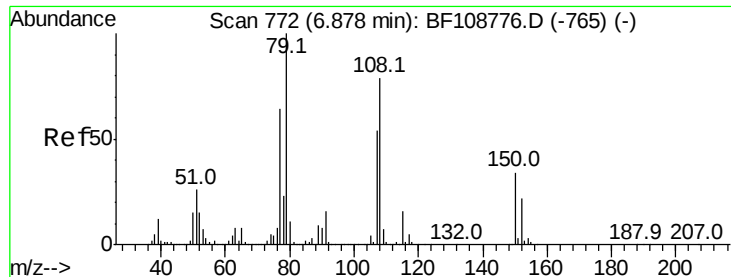
148 64.0 50.6 75.8

111 43.1 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 22.031 ng

RT: 6.87 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

Instrument :

BNA_F

ClientSampleId :

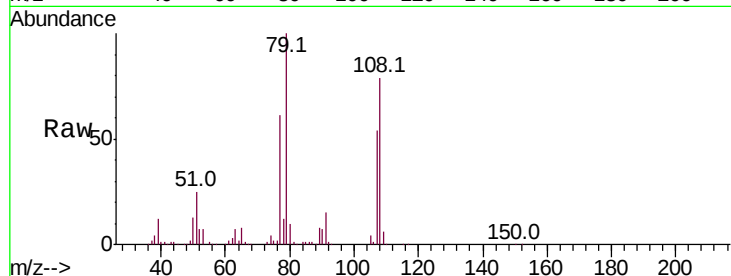
Tot Ion: 79 Resp: 288226

Ion Ratio Lower Upper

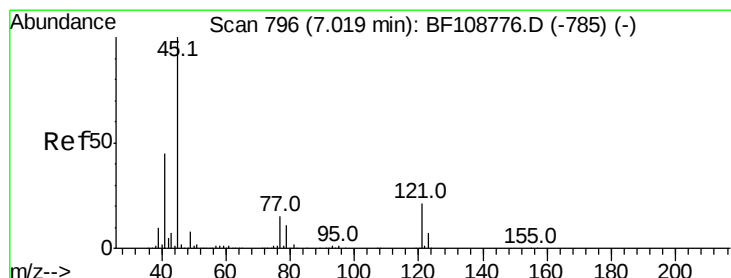
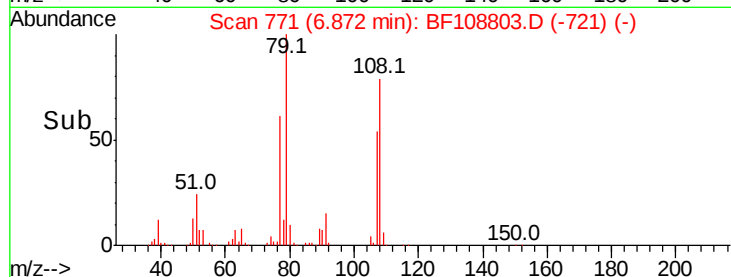
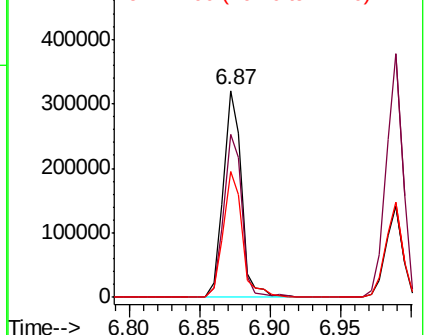
79 100

108 78.7 65.1 97.7

77 61.0 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 21.509 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

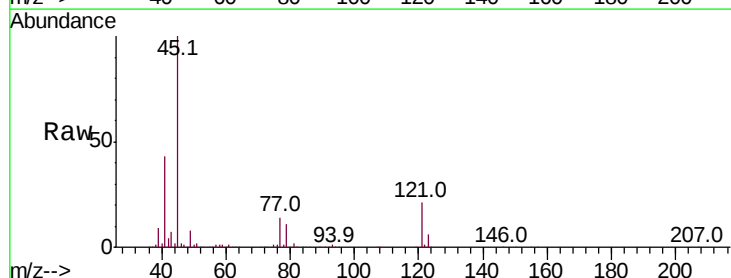
Tgt Ion: 45 Resp: 502903

Ion Ratio Lower Upper

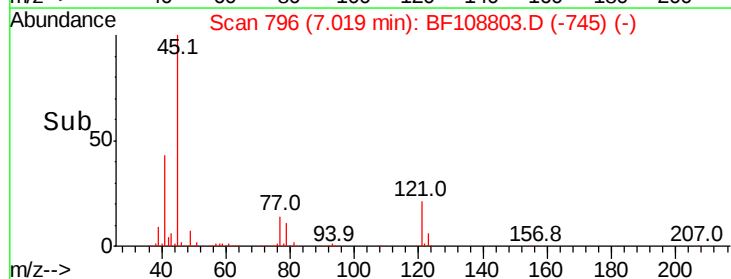
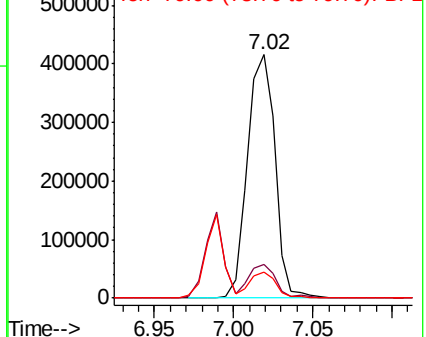
45 100

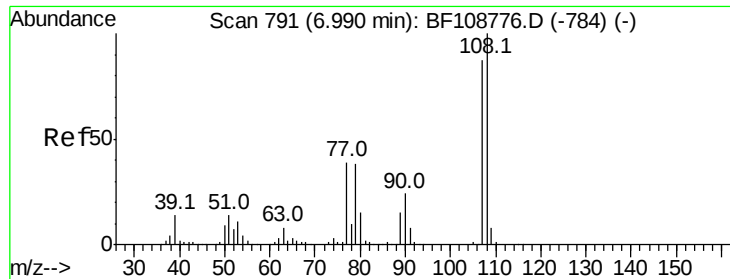
77 13.8 0.0 32.9

79 10.8 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

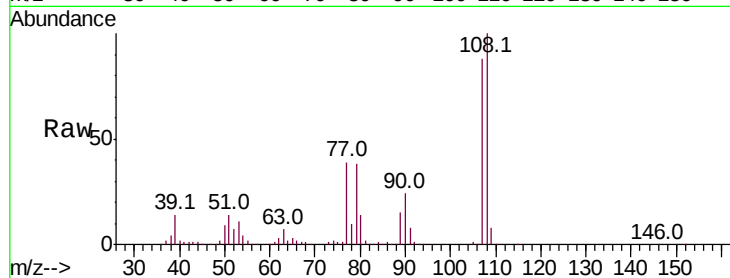




#17
2-Methylphenol
Concen: 21.670 ng
RT: 6.99 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF108803.D
Acq: 6 Sep 2018 4:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.7	137.5
77	44.4	33.8	50.8
79	43.1	33.8	50.8



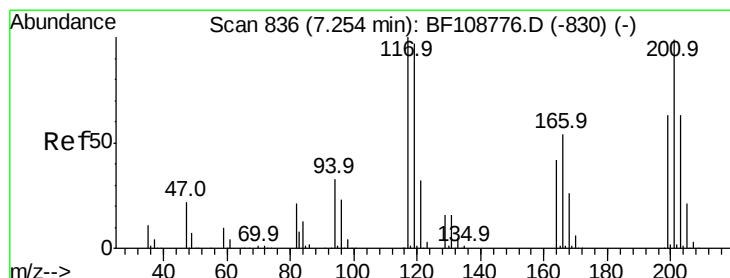
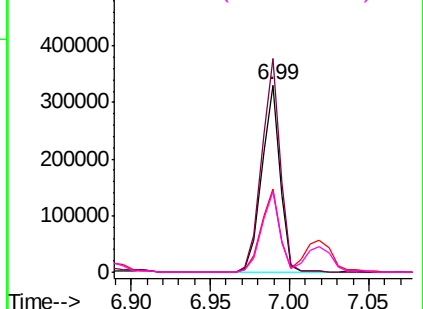
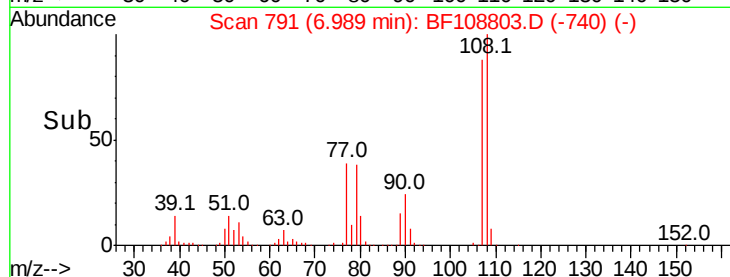
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

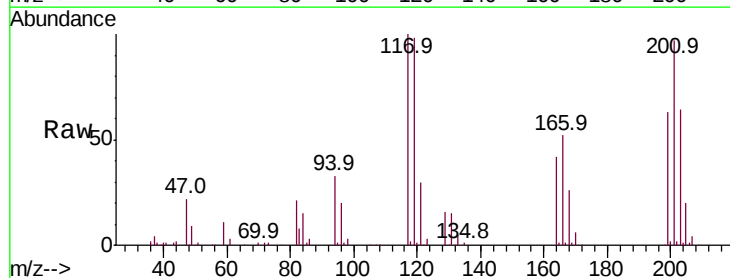
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 15.621 ng
RT: 7.25 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF108803.D
Acq: 6 Sep 2018 4:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.8	113.8
201	96.7	75.7	113.5

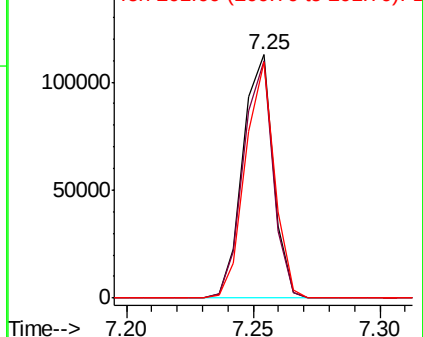
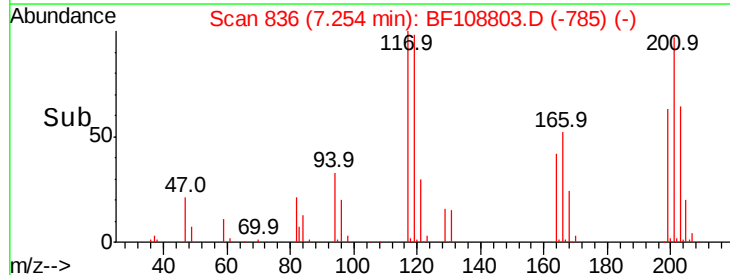


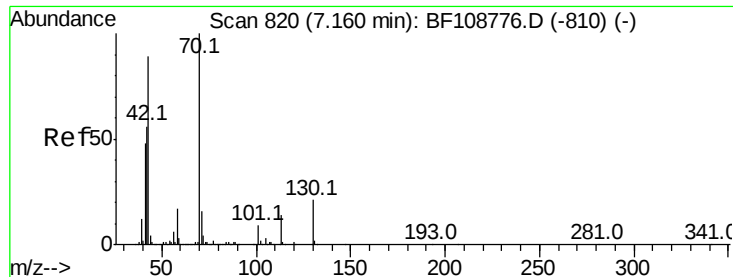
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

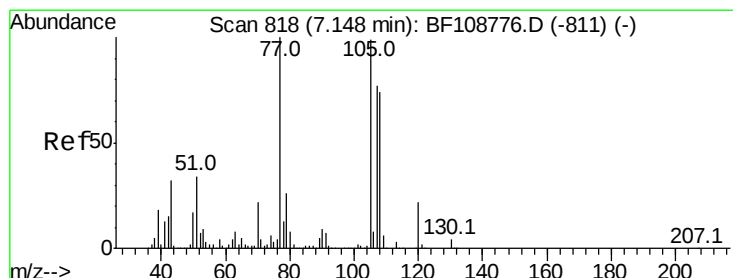
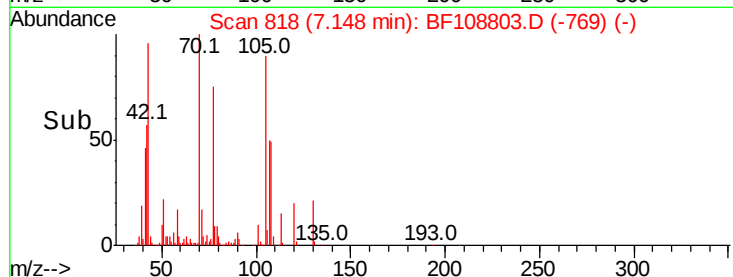
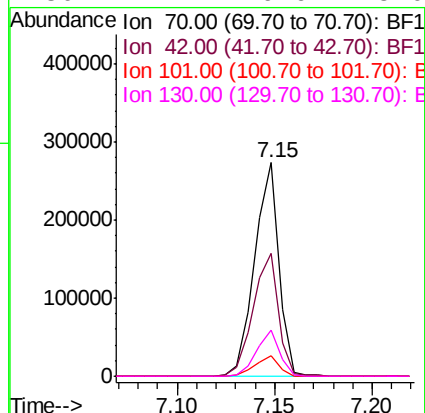
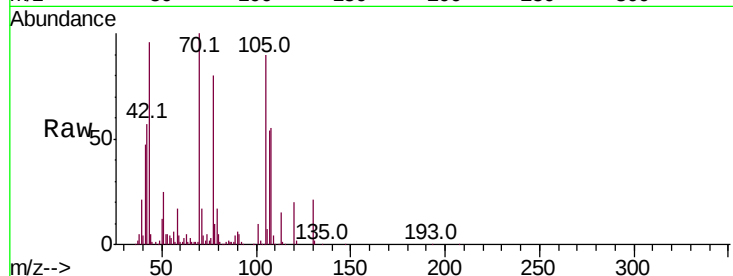




#19
n-Nitroso-di-n-propylamine
Concen: 19.951 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF108803.D
Acq: 6 Sep 2018 4:27

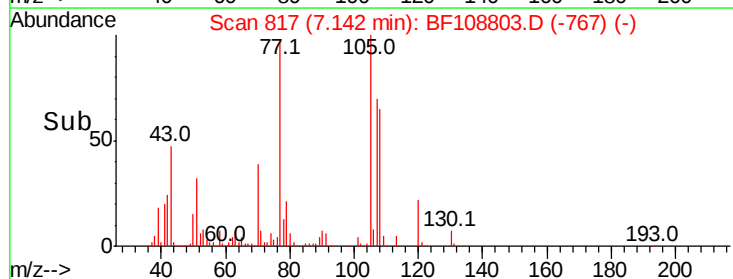
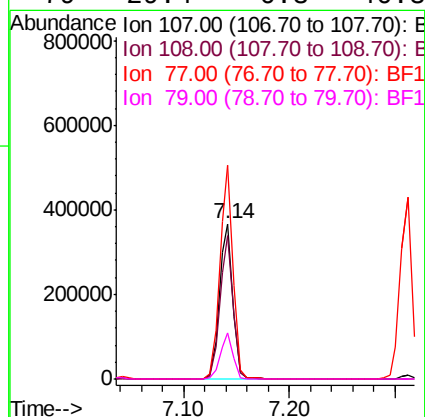
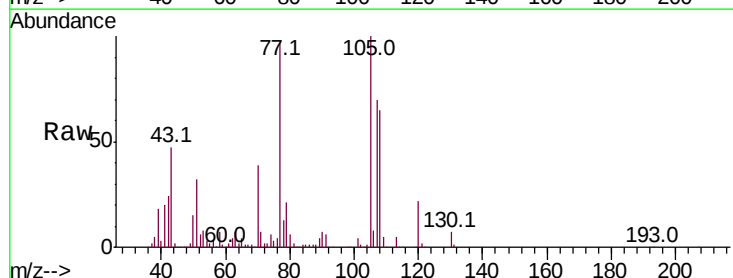
Instrument :
BNA_F
ClientSampleId :

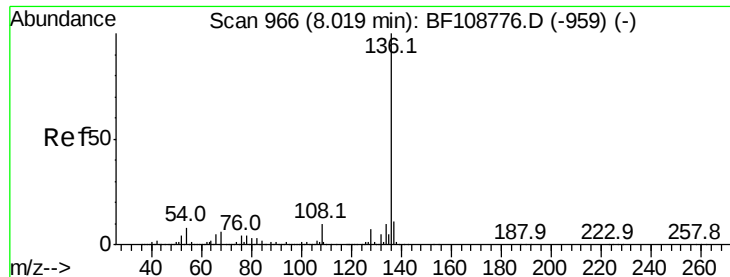
Tot Ion	Ratio	Lower	Upper
70	100		
42	57.4	47.5	71.3
101	9.6	7.4	11.2
130	21.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 22.988 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF108803.D
Acq: 6 Sep 2018 4:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.2	68.2	108.2
77	137.4	26.7	66.7#
79	29.4	6.3	46.3

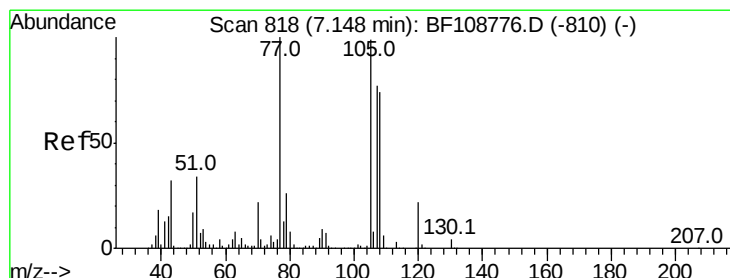
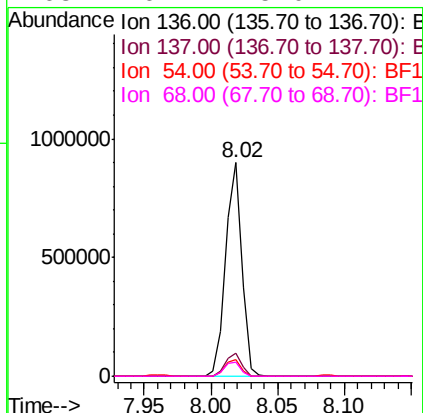
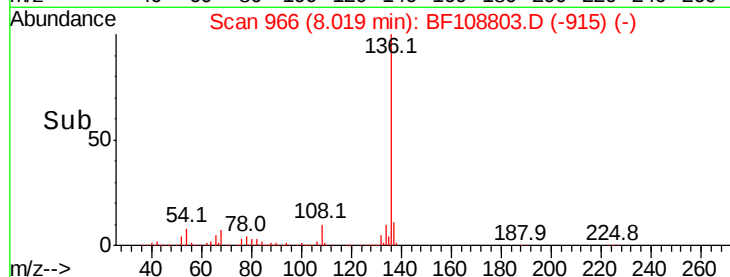
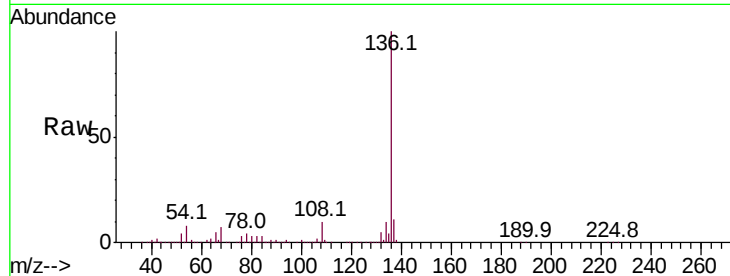




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108803.D
Acq: 6 Sep 2018 4:27

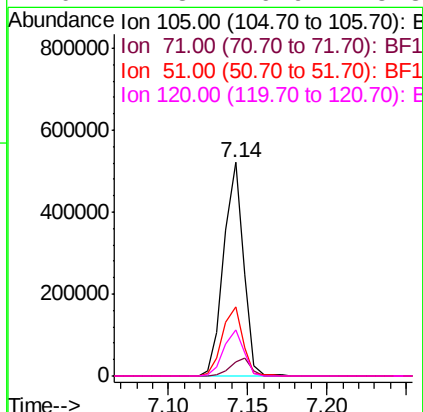
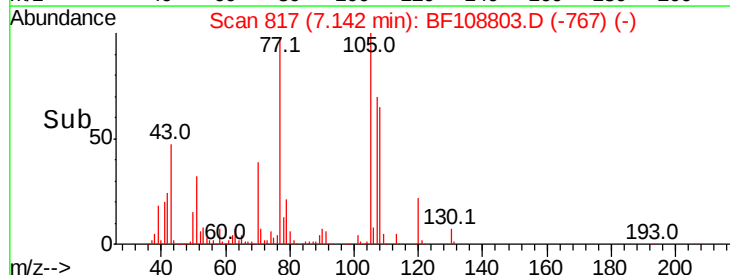
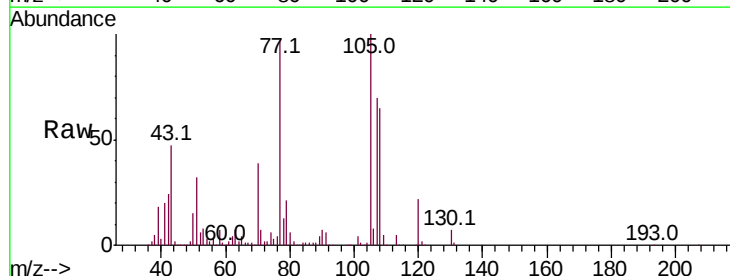
Instrument :
BNA_F
ClientSampleId :

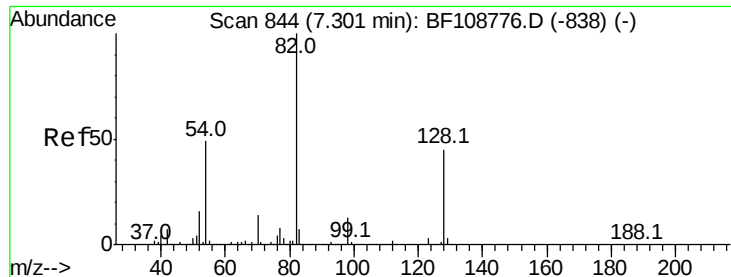
Tot Ion:136	Resp:	773578
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	7.6	6.6 9.8
68	6.7	5.0 7.4



#22
Acetophenone
Concen: 25.773 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF108803.D
Acq: 6 Sep 2018 4:27

Tgt Ion:105	Resp:	452487
Ion Ratio	Lower	Upper
105	100	
71	6.8	4.4 6.6#
51	32.5	22.3 33.5
120	21.8	16.9 25.3

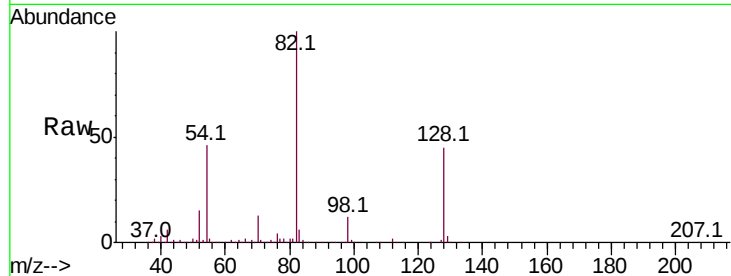




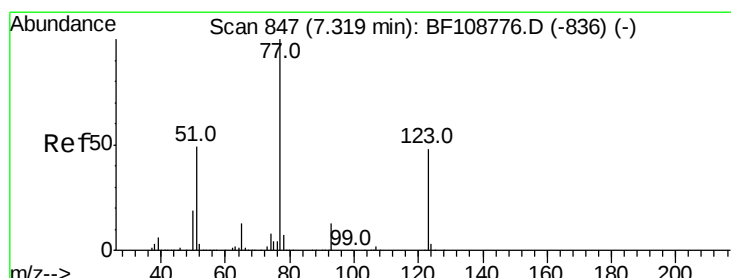
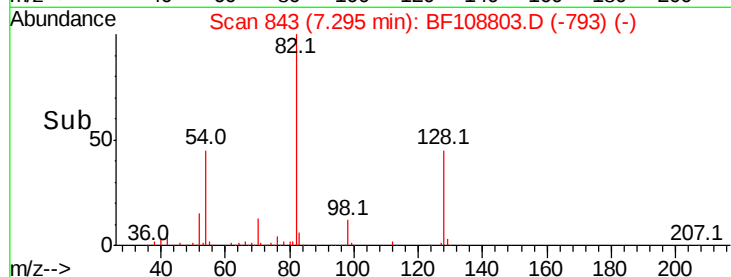
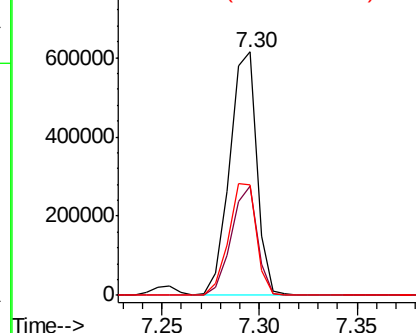
#23
 Nitrobenzene-d5
 Concen: 47.889 ng
 RT: 7.30 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF108803.D
 Acq: 6 Sep 2018 4:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 591962
 Ion Ratio Lower Upper
 82 100
 128 45.0 36.1 54.1
 54 45.6 41.4 62.2

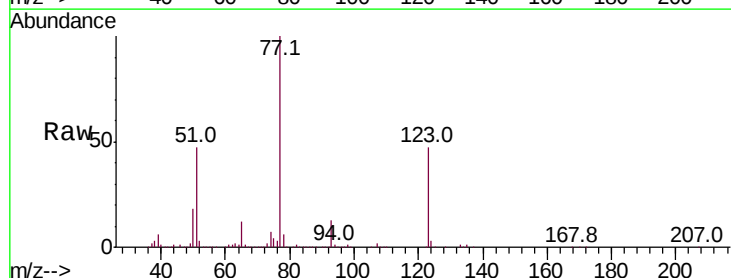


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

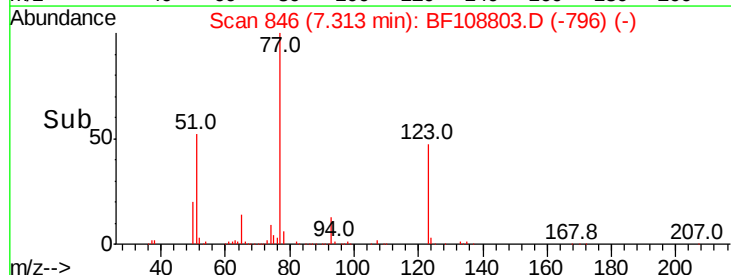
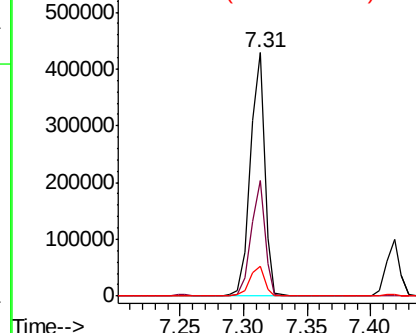


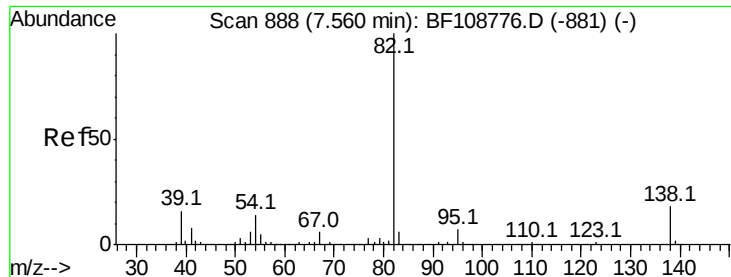
#24
 Nitrobenzene
 Concen: 25.026 ng
 RT: 7.31 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF108803.D
 Acq: 6 Sep 2018 4:27

Tgt Ion: 77 Resp: 331923
 Ion Ratio Lower Upper
 77 100
 123 47.3 37.9 56.9
 65 12.2 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: 24.961 ng

RT: 7.55 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

Instrument :

BNA_F

ClientSampled :

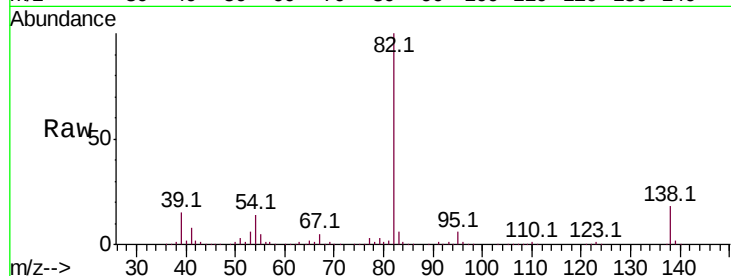
Tot Ion: 82 Resp: 615464

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

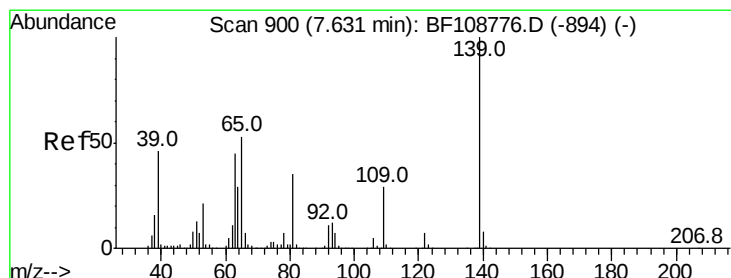
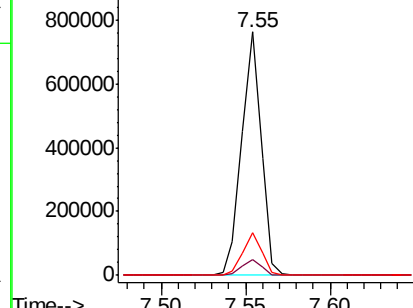
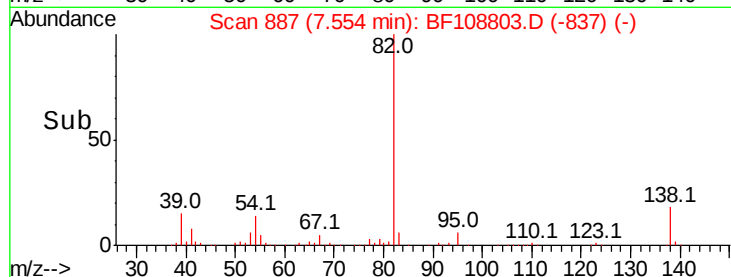
138 17.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 13.133 ng

RT: 7.63 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

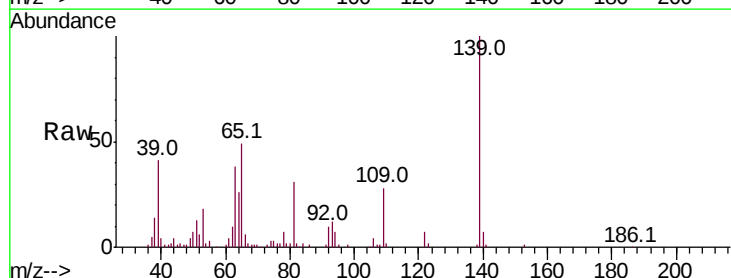
Tgt Ion: 139 Resp: 68626

Ion Ratio Lower Upper

139 100

109 28.1 22.7 34.1

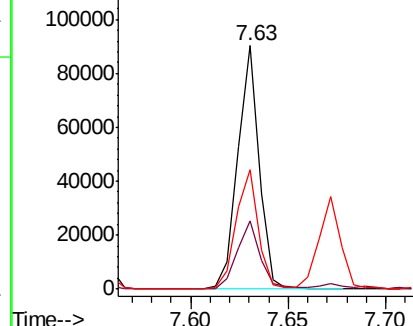
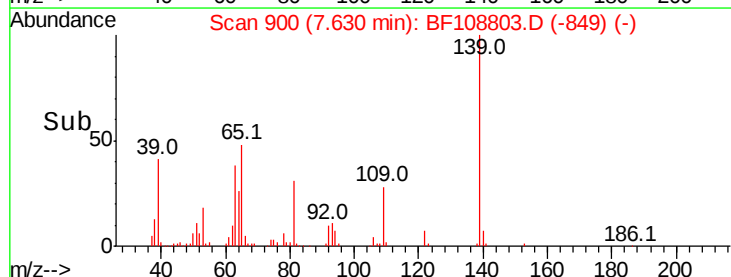
65 48.8 40.5 60.7

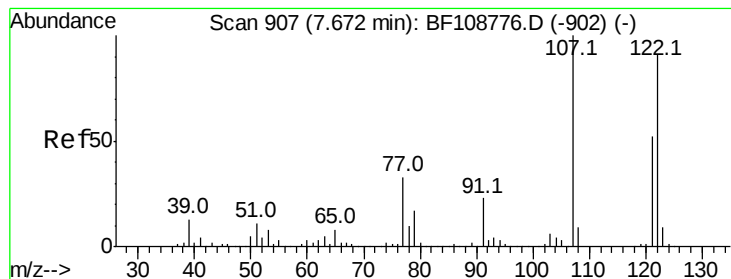


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 26.321 ng

RT: 7.67 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

Instrument :

BNA_F

ClientSampled :

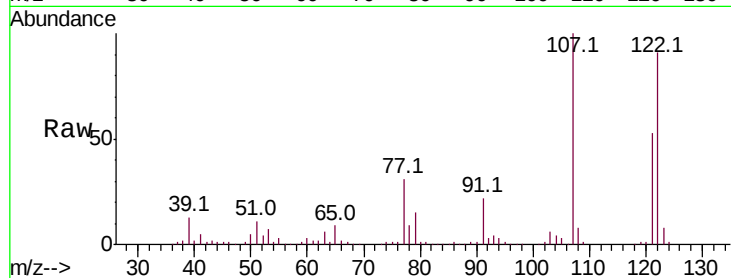
Tot Ion:122 Resp: 279292

Ion Ratio Lower Upper

122 100

107 110.2 91.2 136.8

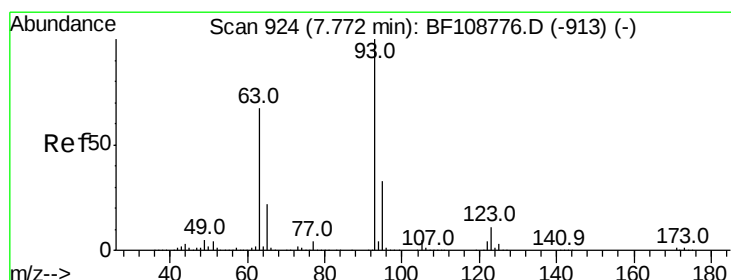
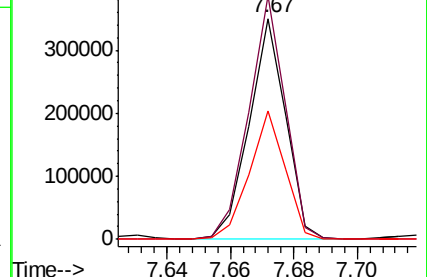
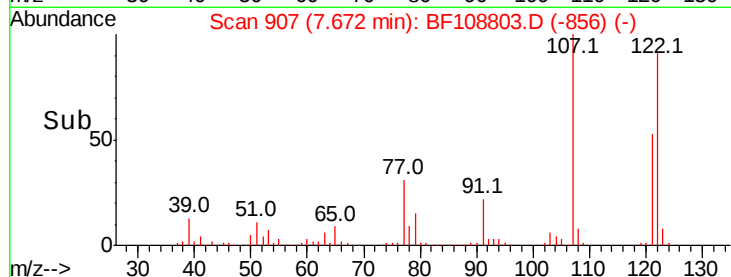
121 57.9 47.2 70.8



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: 24.473 ng

RT: 7.77 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

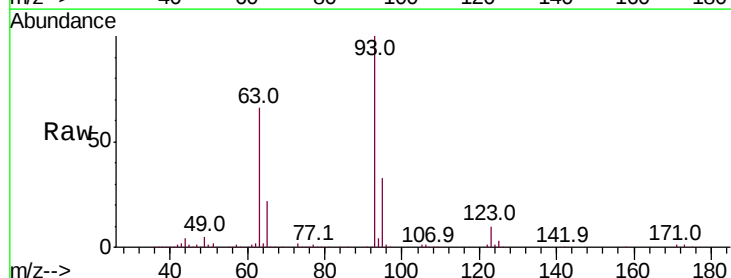
Tgt Ion: 93 Resp: 403442

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

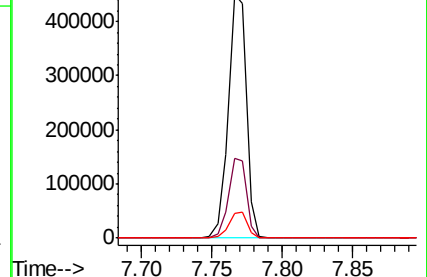
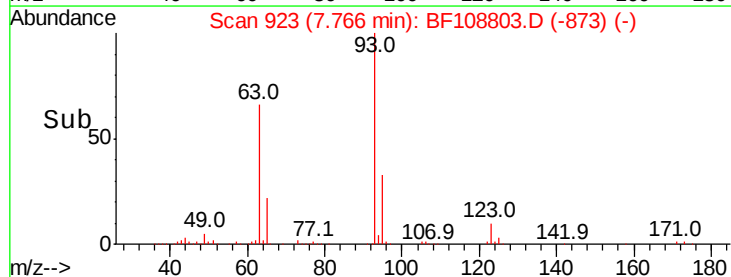
123 10.2 9.8 14.6

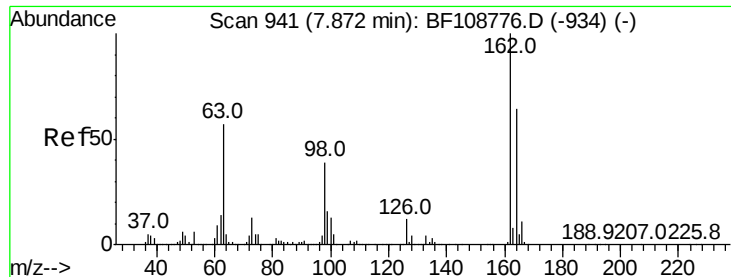


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

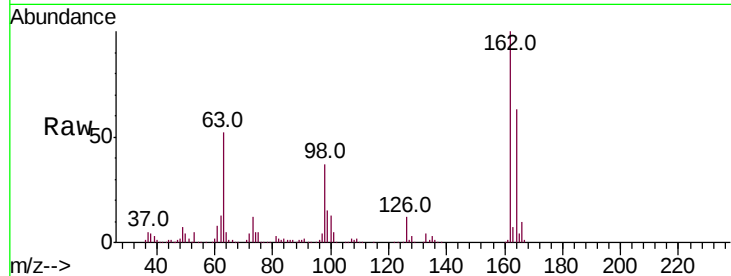




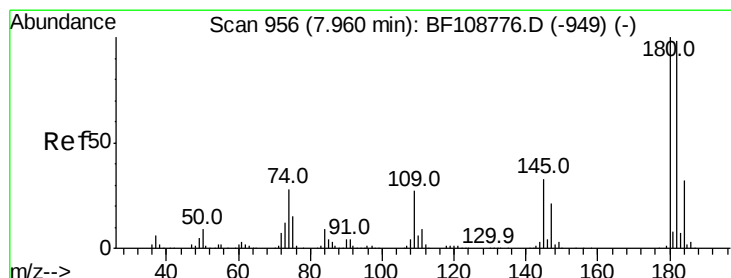
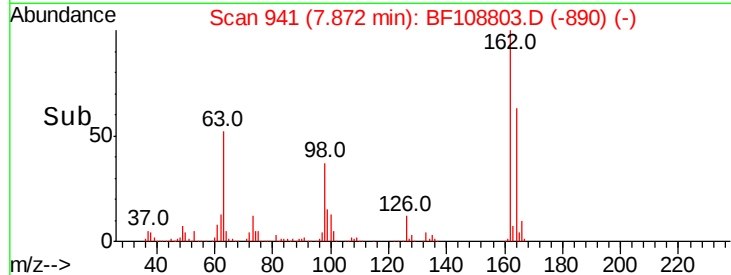
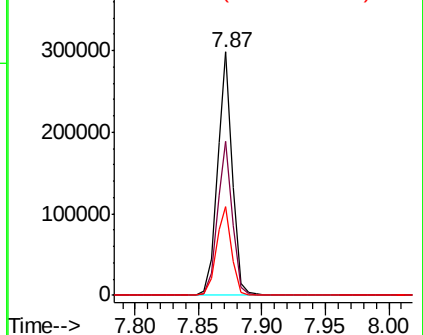
#29
 2,4-Dichlorophenol
 Concen: 22.251 ng
 RT: 7.87 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: BF108803.D
 Acq: 6 Sep 2018 4:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.7	82.7
98	36.7	18.1	58.1

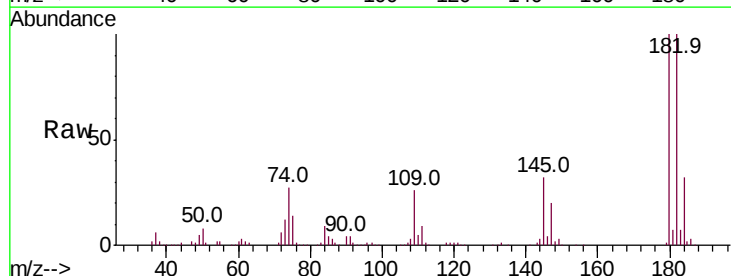


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

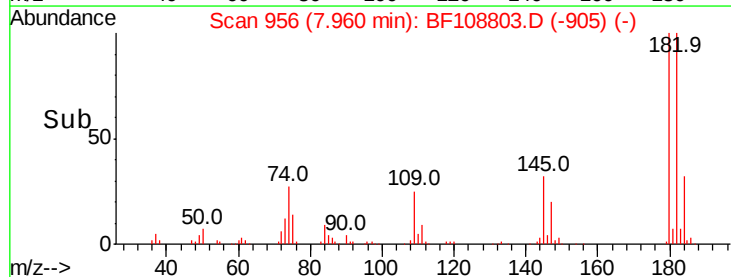
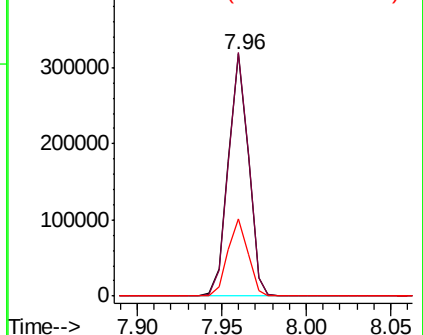


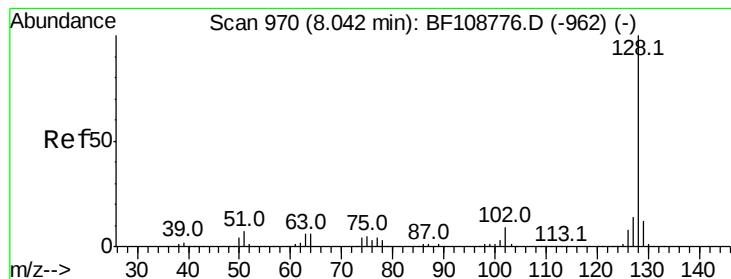
#30
 1,2,4-Trichlorobenzene
 Concen: 22.203 ng
 RT: 7.96 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF108803.D
 Acq: 6 Sep 2018 4:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.5	76.8	115.2
145	32.0	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: 25.535 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

Instrument :

BNA_F

ClientSampled :

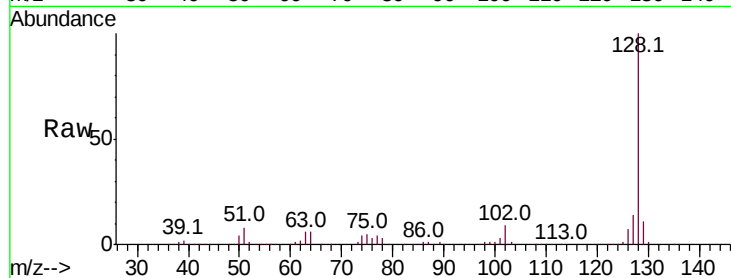
Tot Ion:128 Resp: 888694

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

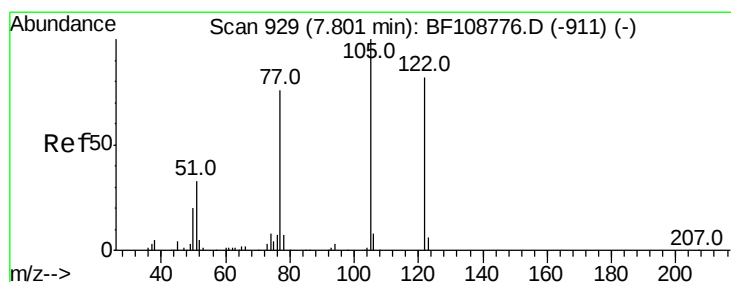
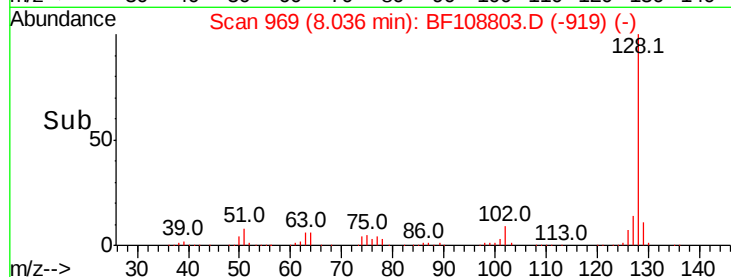
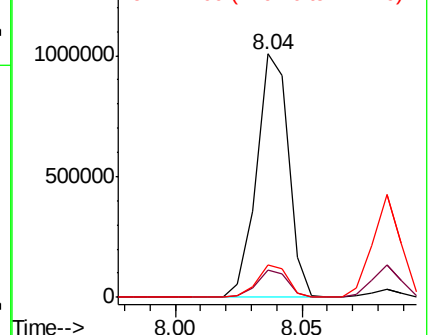
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.122 ng

RT: 7.77 min Scan# 923

Delta R.T. -0.04 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

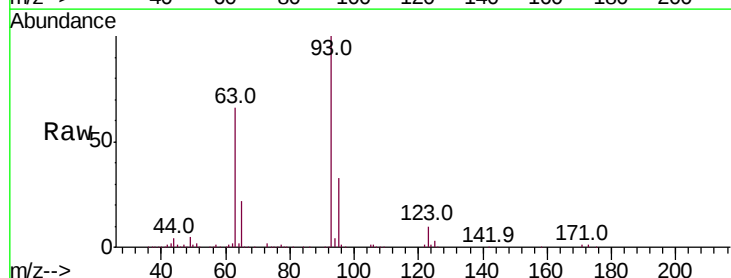
Tgt Ion:122 Resp: 14067

Ion Ratio Lower Upper

122 100

105 111.5 101.1 141.1

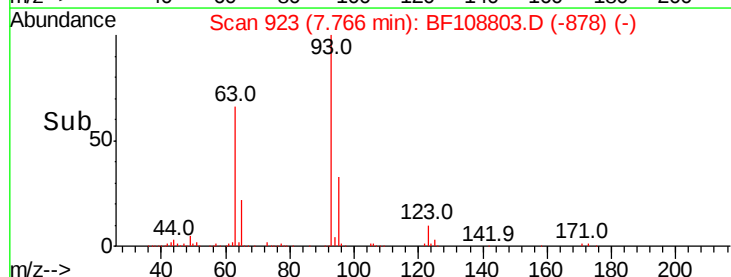
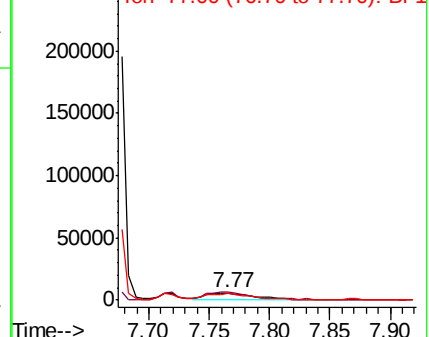
77 86.5 70.7 110.7

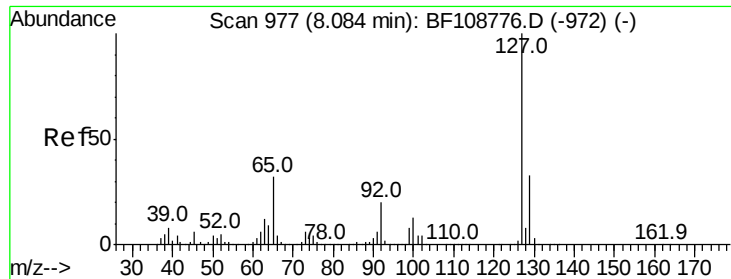


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

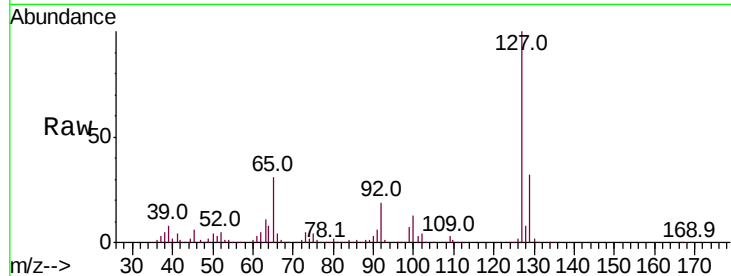




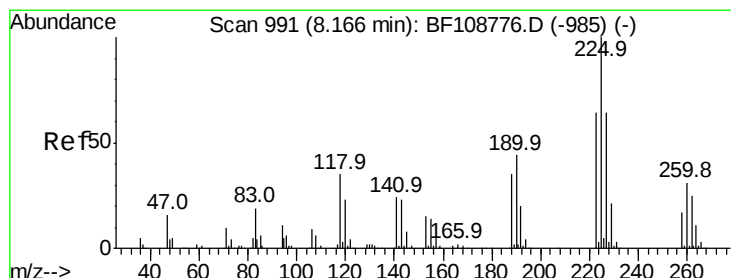
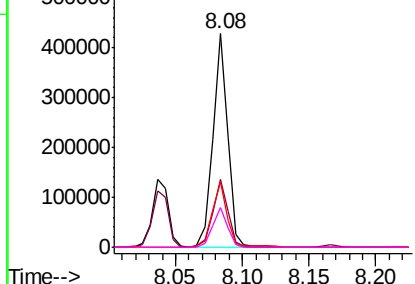
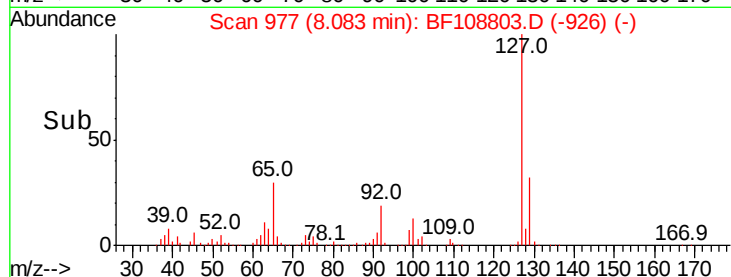
#33
4-Chloroaniline
Concen: 20.973 ng
RT: 8.08 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF108803.D
Acq: 6 Sep 2018 4:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	335245
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	30.6	25.0	37.4
92	18.8	15.2	22.8

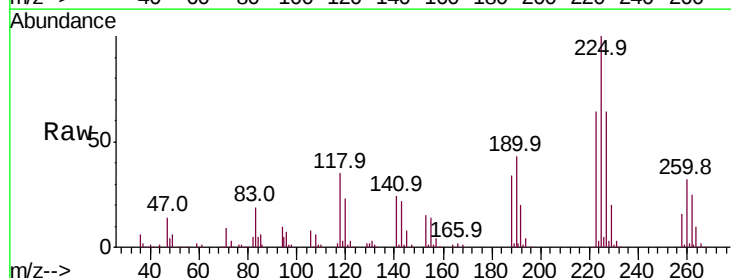


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

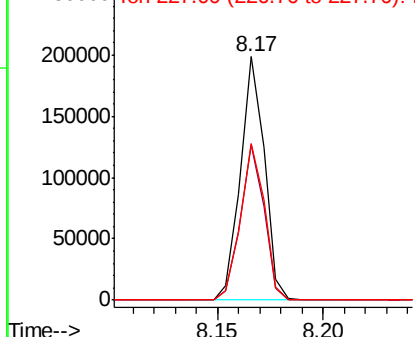
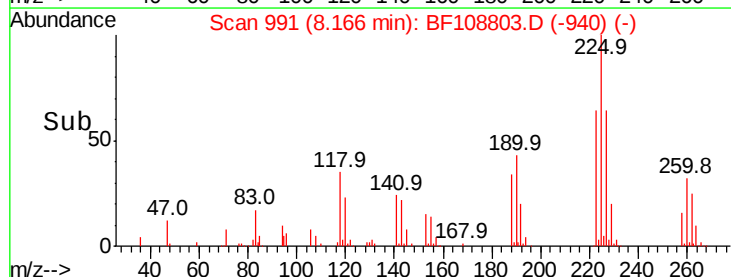


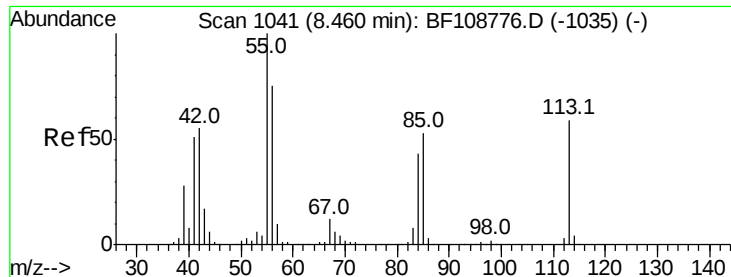
#34
Hexachlorobutadiene
Concen: 21.931 ng
RT: 8.17 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF108803.D
Acq: 6 Sep 2018 4:27

Tgt Ion:	225	Resp:	155349
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	64.2	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

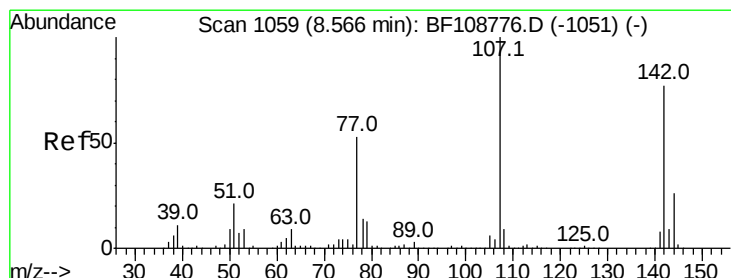
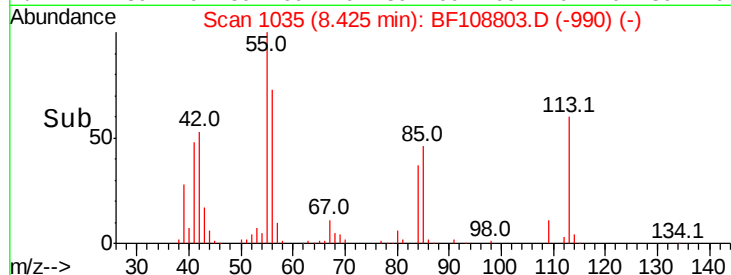
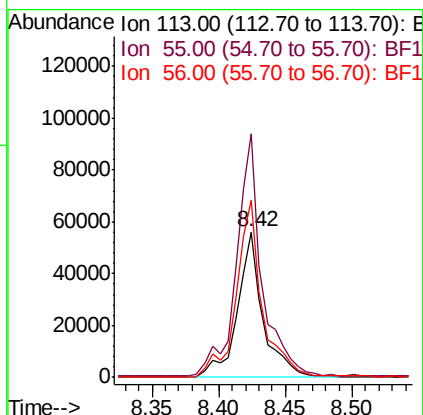
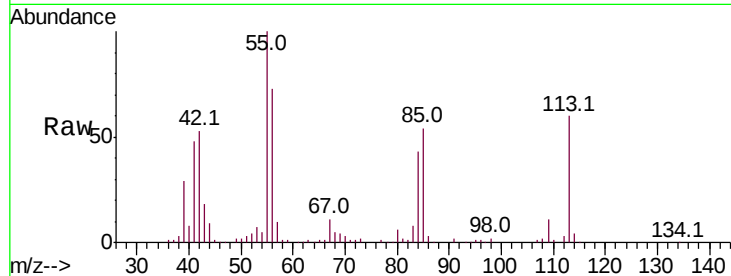




#35
 Caprolactam
 Concen: 20.075 ng
 RT: 8.42 min Scan# 1035
 Delta R.T. -0.04 min
 Lab File: BF108803.D
 Acq: 6 Sep 2018 4:27

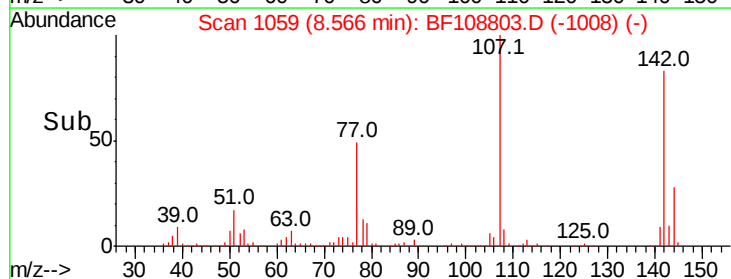
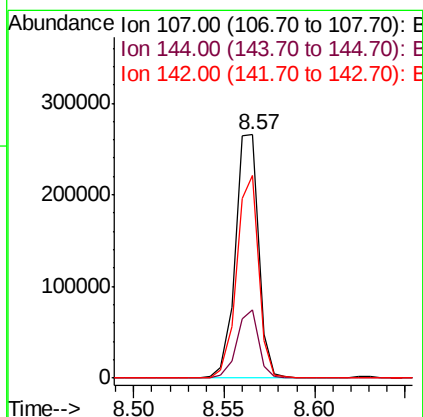
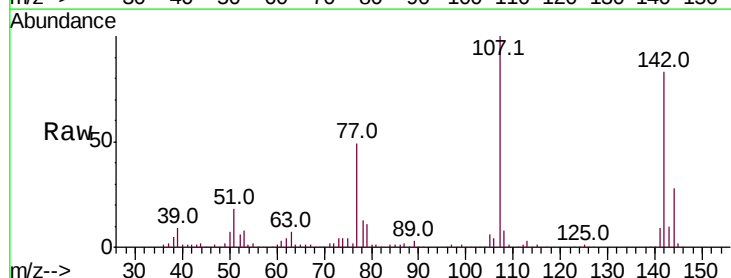
Instrument :
 BNA_F
 ClientSampled :

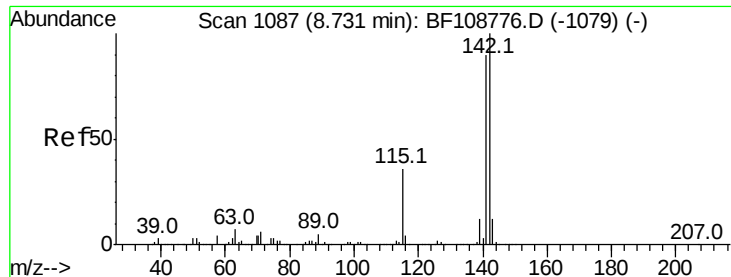
Tot Ion:113 Resp: 74429
 Ion Ratio Lower Upper
 113 100
 55 167.4 163.3 203.3
 56 121.8 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 20.541 ng
 RT: 8.57 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF108803.D
 Acq: 6 Sep 2018 4:27

Tgt Ion:107 Resp: 239421
 Ion Ratio Lower Upper
 107 100
 144 28.0 20.5 30.7
 142 83.1 62.0 93.0

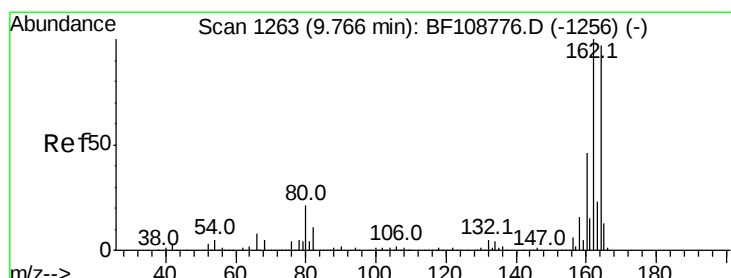
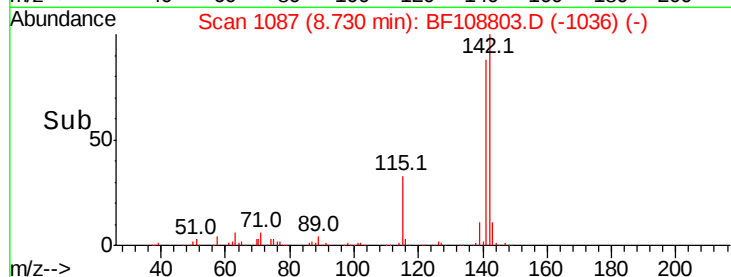
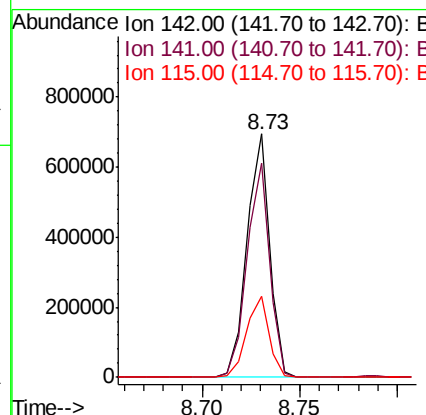
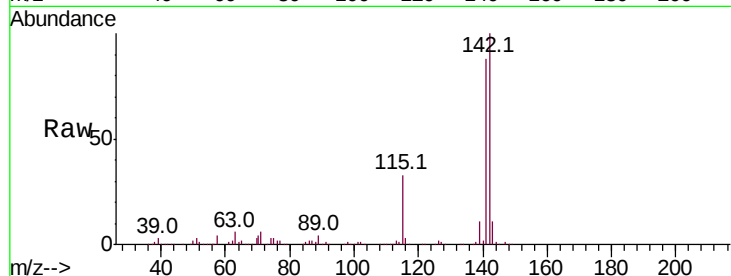




#37
2-Methylnaphthalene
Concen: 24.325 ng
RT: 8.73 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF108803.D
Acq: 6 Sep 2018 4:27

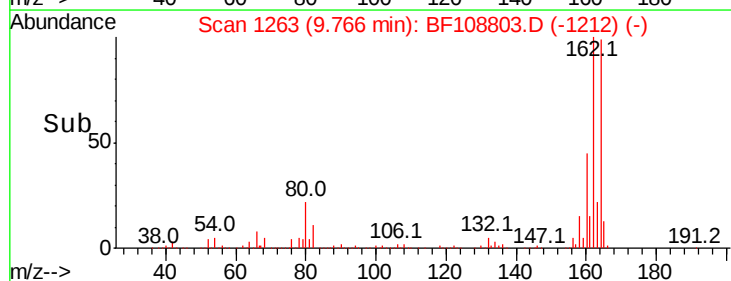
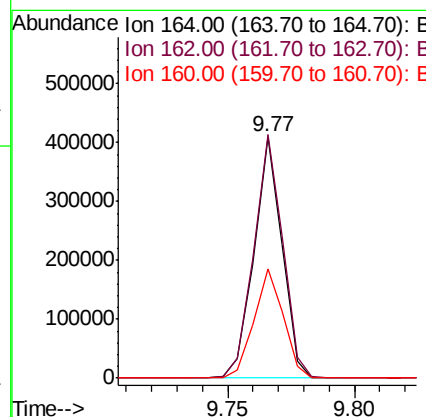
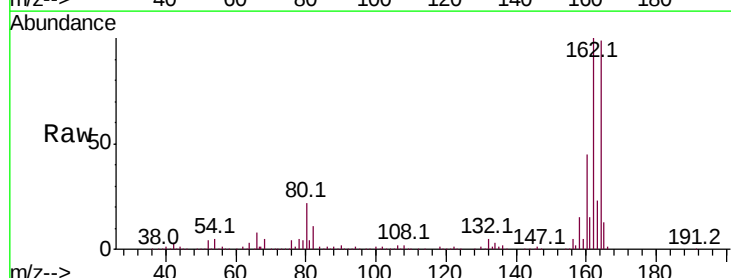
Instrument :
BNA_F
ClientSampleId :

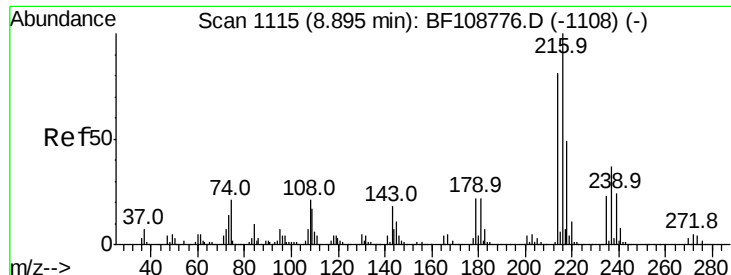
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.8	106.2
115	33.1	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108803.D
Acq: 6 Sep 2018 4:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	86.1	129.1
160	45.2	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.907 ng

RT: 8.90 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 244173

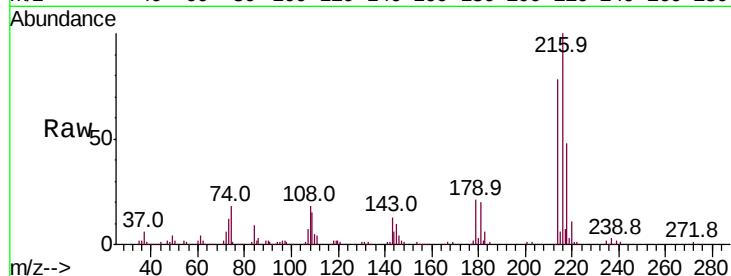
Ion Ratio Lower Upper

216 100

214 77.6 63.0 94.4

179 20.5 18.1 27.1

108 17.8 17.2 25.8

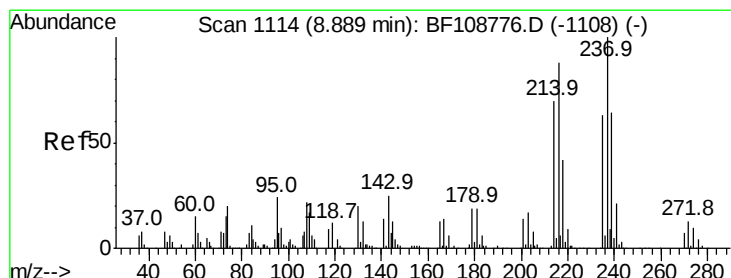
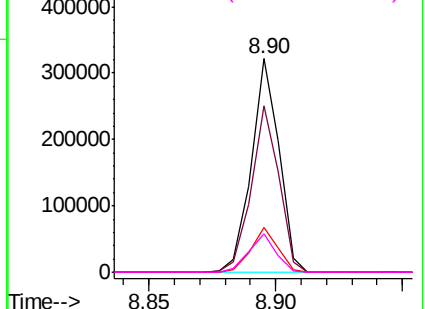
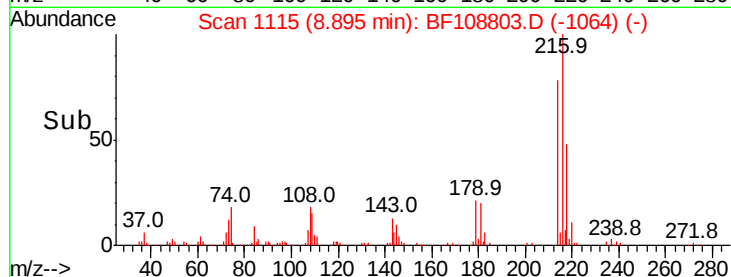


Abundance Ion 216.00 (215.70 to 216.70): E

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: 4.643 ng

RT: 8.89 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

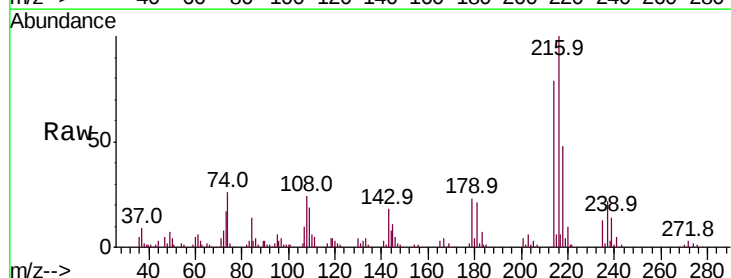
Tgt Ion:237 Resp: 22014

Ion Ratio Lower Upper

237 100

235 57.9 44.8 84.8

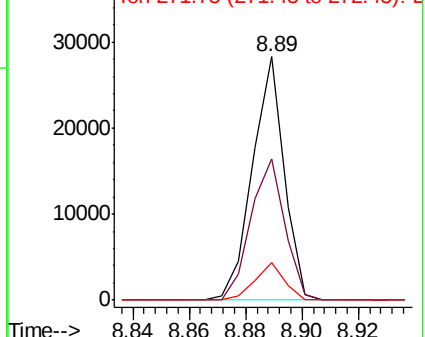
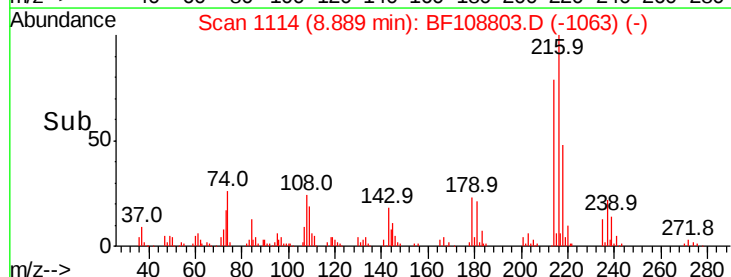
272 15.3 0.0 33.3

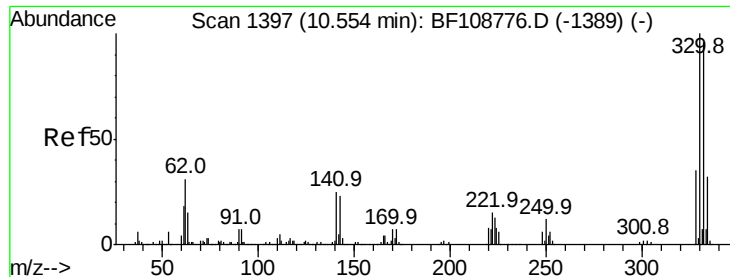


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

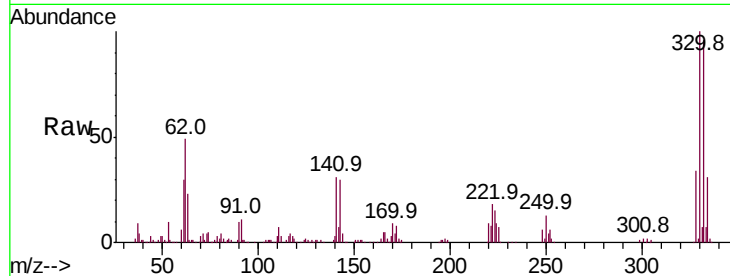




#41
 2,4,6-Tribromophenol
 Concen: 65.416 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108803.D
 Acq: 6 Sep 2018 4:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	32.8	29.9	44.9

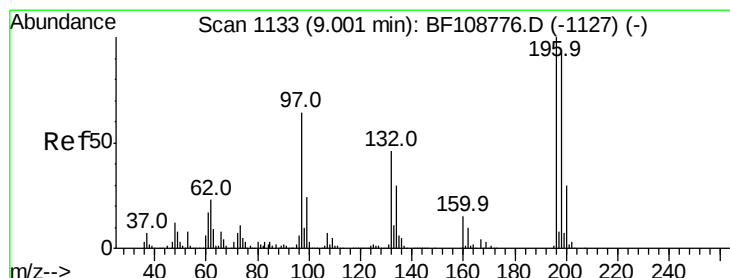
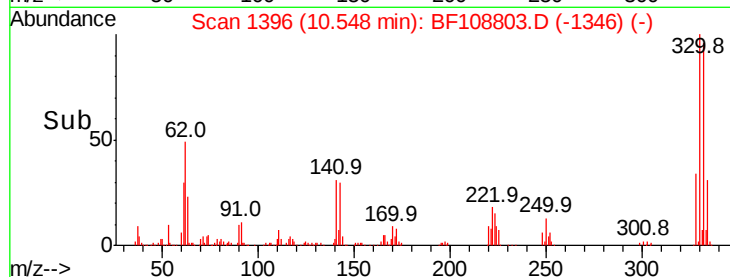
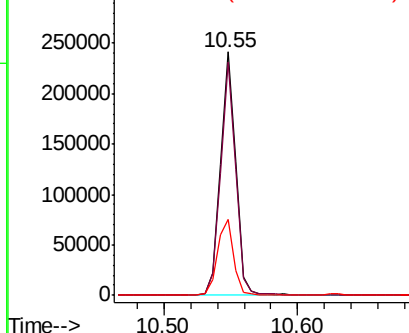


Abundance

Ion 329.80 (329.50 to 330.50): E

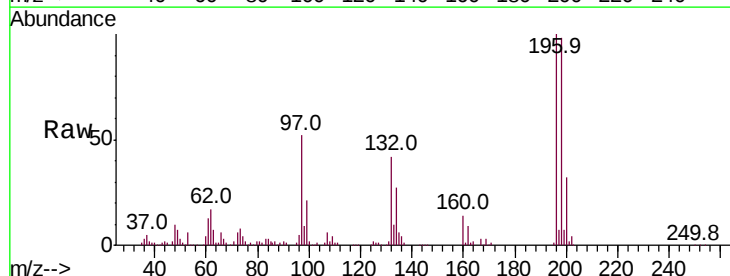
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 23.030 ng
 RT: 9.01 min Scan# 1134
 Delta R.T. 0.01 min
 Lab File: BF108803.D
 Acq: 6 Sep 2018 4:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.4	75.7	113.5
200	31.7	24.5	36.7

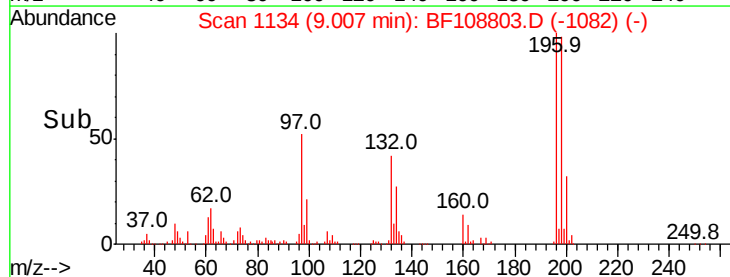
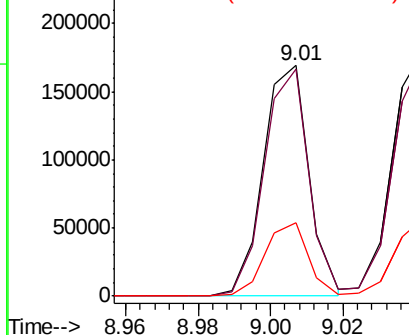


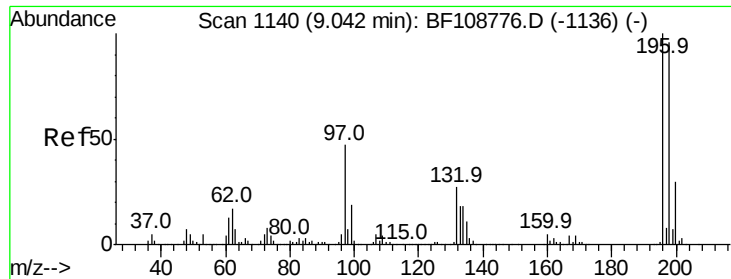
Abundance

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

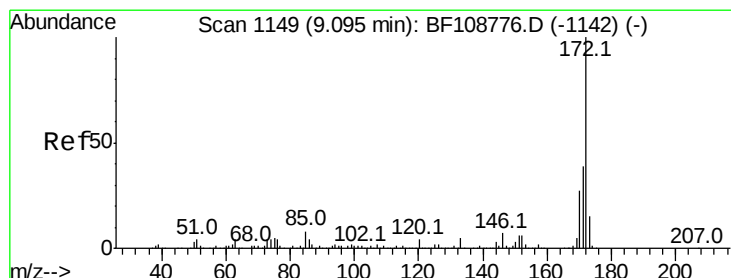
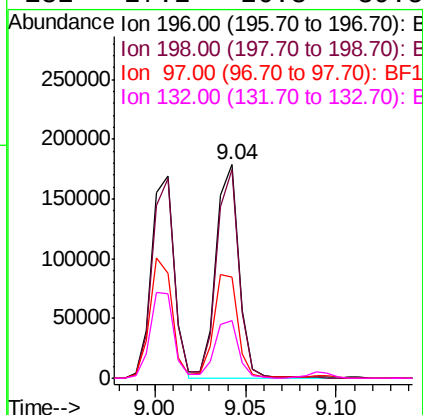
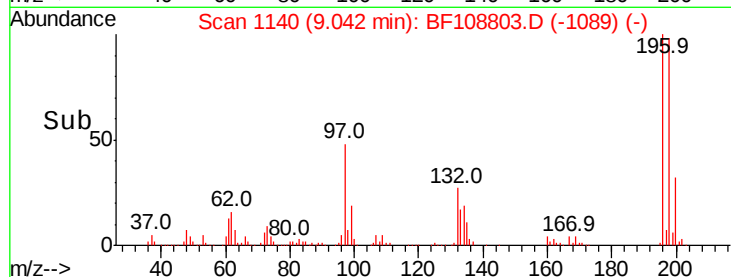
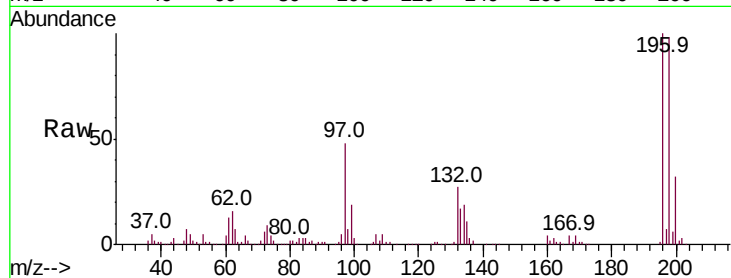




#43
 2,4,5-Trichlorophenol
 Concen: 23.654 ng
 RT: 9.04 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BF108803.D
 Acq: 6 Sep 2018 4:27

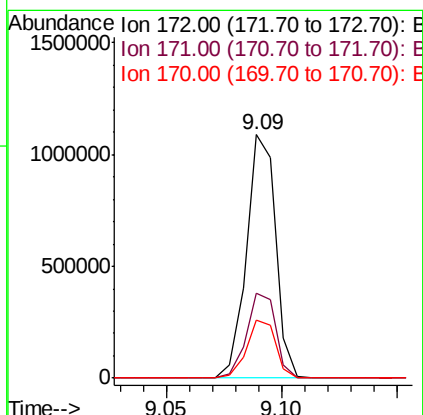
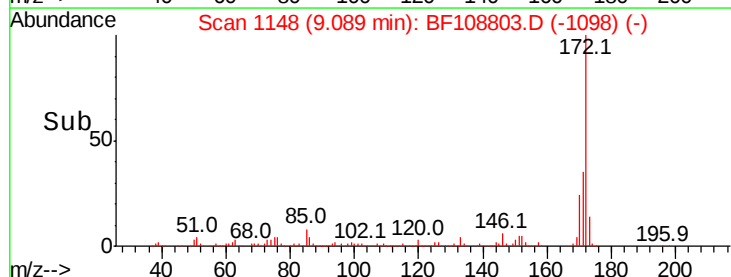
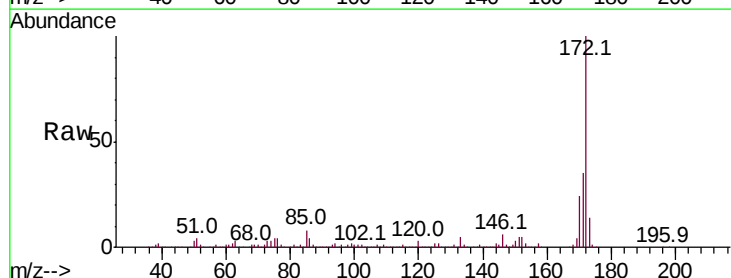
Instrument :
 BNA_F
 ClientSampleId :

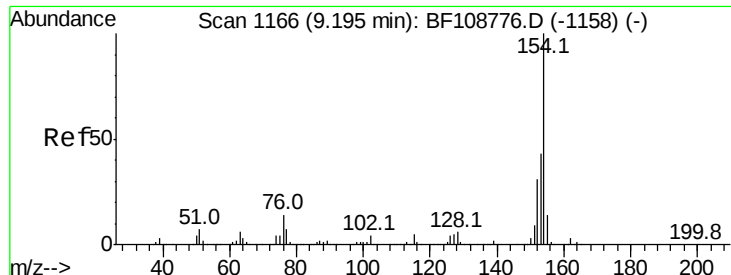
Tot Ion:	196	Resp:	157406
Ion	Ratio	Lower	Upper
196	100		
198	97.6	74.6	112.0
97	47.6	42.9	64.3
132	27.2	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 52.128 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108803.D
 Acq: 6 Sep 2018 4:27

Tgt Ion:	172	Resp:	963418
Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.6	19.6	29.4

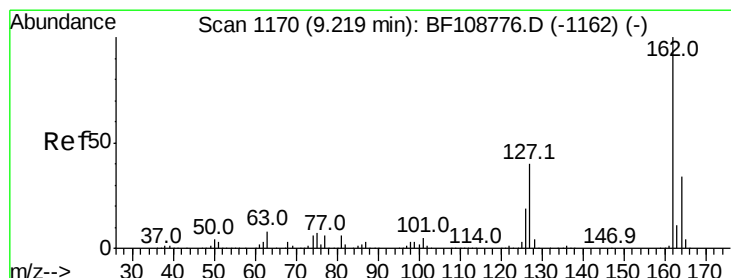
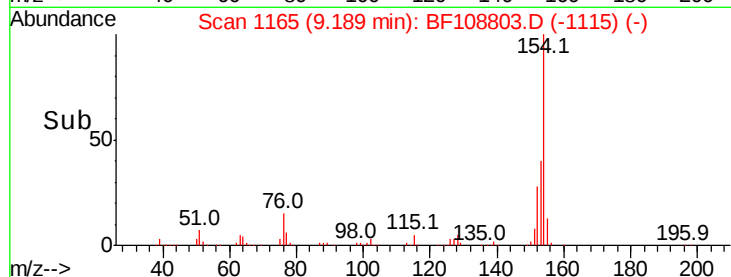
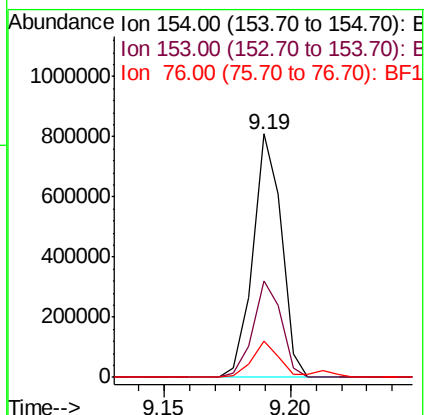
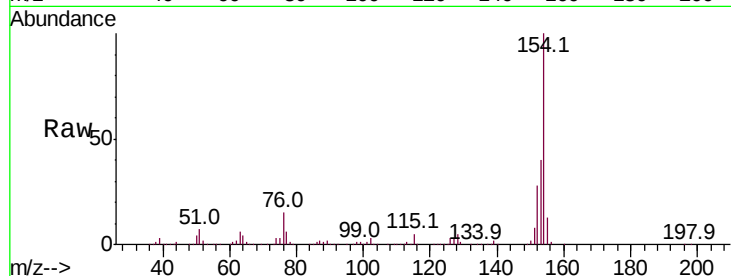




#45
1,1'-Biphenyl
Concen: 26.164 ng
RT: 9.19 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF108803.D
Acq: 6 Sep 2018 4:27

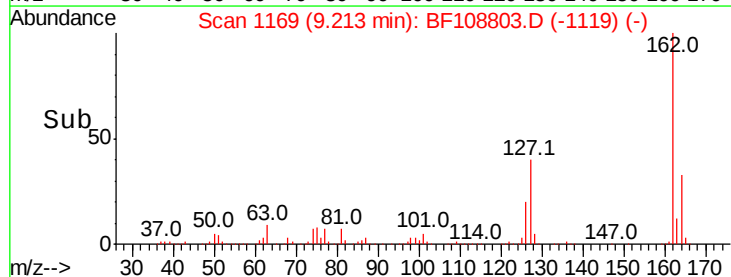
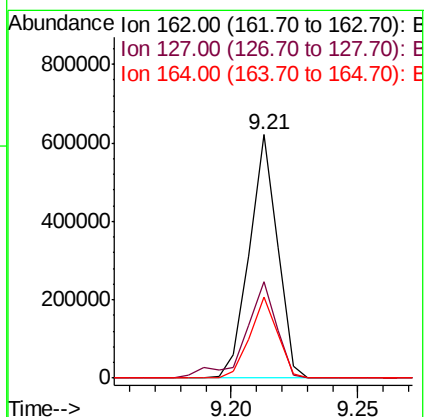
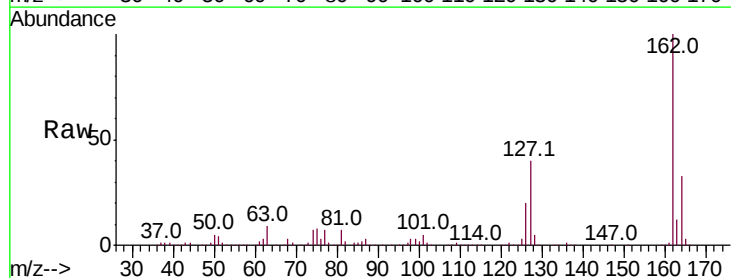
Instrument :
BNA_F
ClientSampleId :

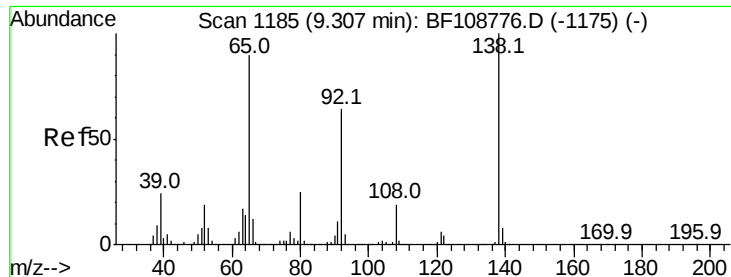
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.5	21.3	61.3
76	14.9	0.0	34.0



#46
2-Chloronaphthalene
Concen: 24.538 ng
RT: 9.21 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF108803.D
Acq: 6 Sep 2018 4:27

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	33.9	50.9
164	33.3	26.5	39.7





#47

2-Nitroaniline

Concen: 27.036 ng

RT: 9.30 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

Instrument :

BNA_F

ClientSampled :

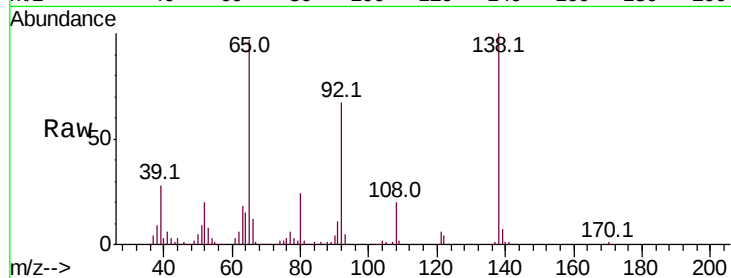
Tot Ion: 65 Resp: 144994

Ion Ratio Lower Upper

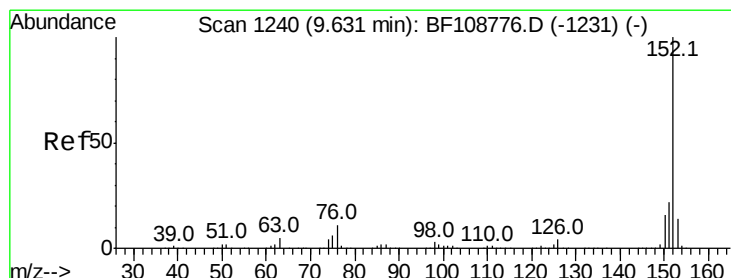
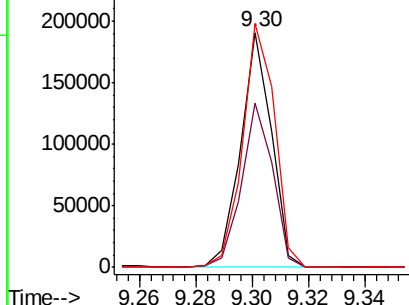
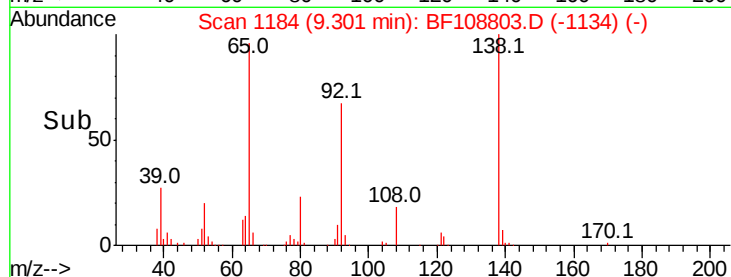
65 100

92 69.9 55.8 83.6

138 103.6 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: 25.937 ng

RT: 9.62 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

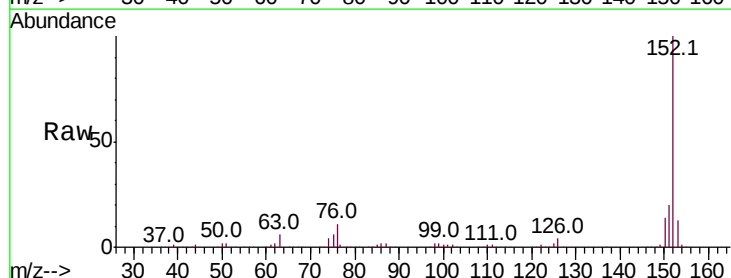
Tgt Ion: 152 Resp: 758975

Ion Ratio Lower Upper

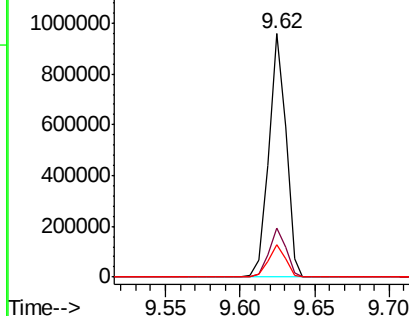
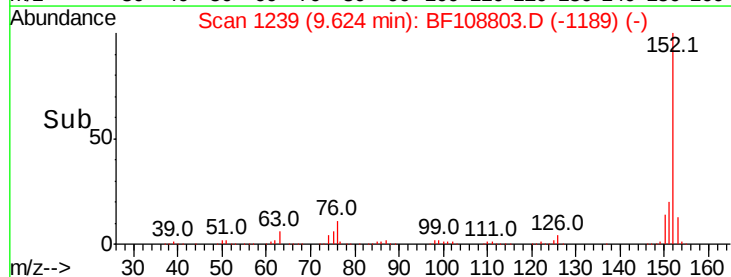
152 100

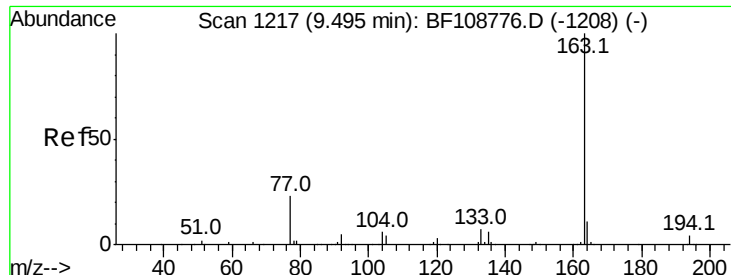
151 20.3 16.3 24.5

153 13.4 10.7 16.1



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





#49

Dimethylphthalate

Concen: 40.826 ng

RT: 9.49 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

Instrument :

BNA_F

ClientSampled :

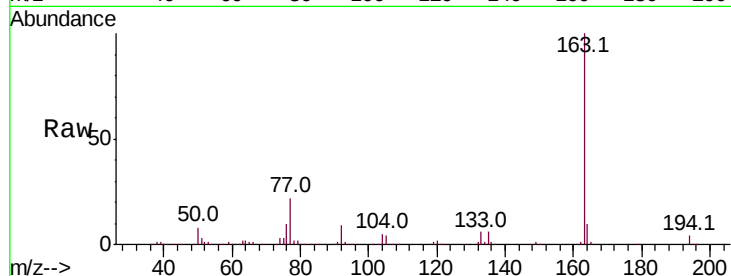
Tot Ion:163 Resp: 900327

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

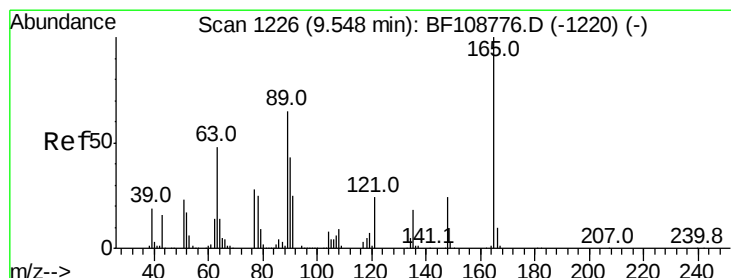
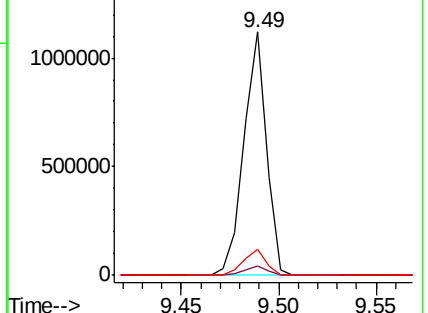
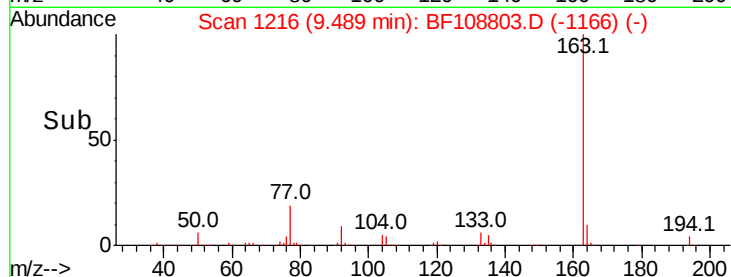
164 10.5 8.2 12.2



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: 18.800 ng

RT: 9.54 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

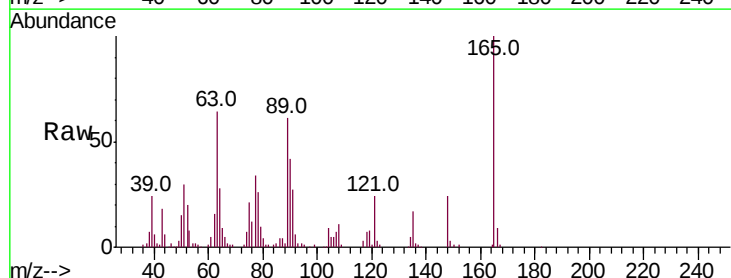
Tgt Ion:165 Resp: 79000

Ion Ratio Lower Upper

165 100

63 63.6 44.7 67.1

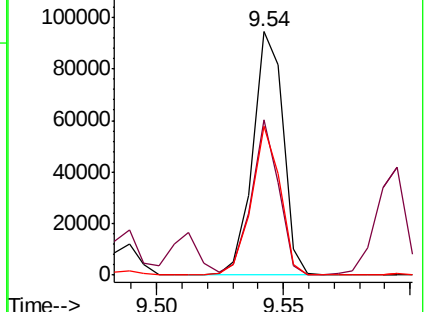
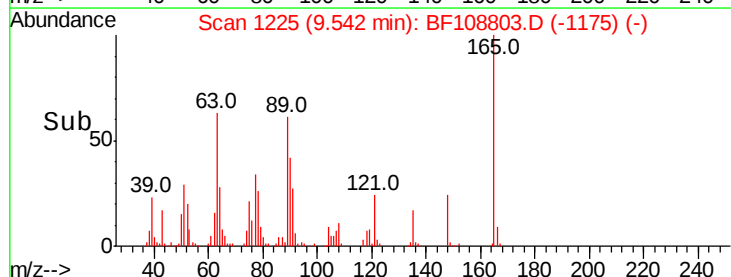
89 61.2 44.0 66.0

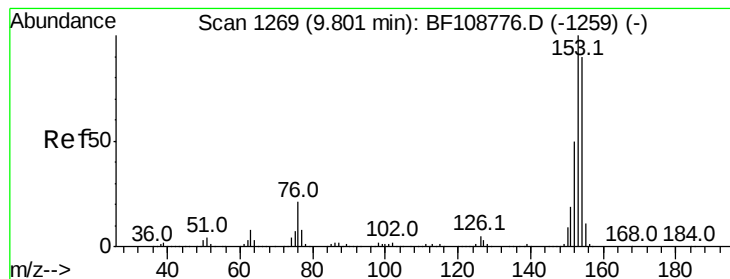


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 23.716 ng

RT: 9.80 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

Instrument :

BNA_F

ClientSampleId :

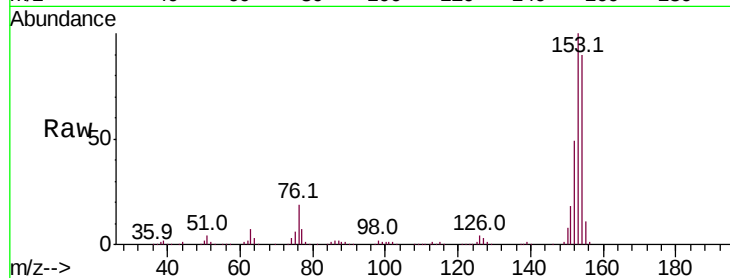
Tot Ion:154 Resp: 429440

Ion Ratio Lower Upper

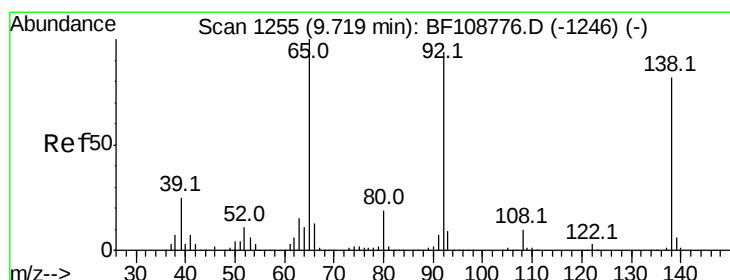
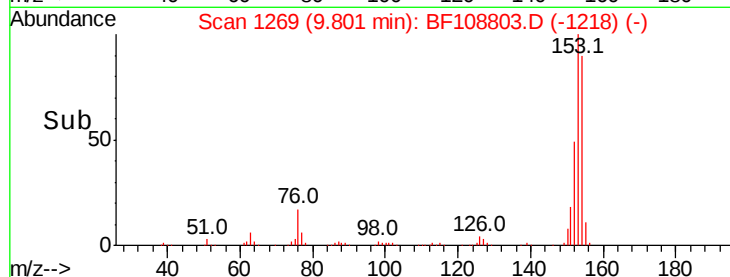
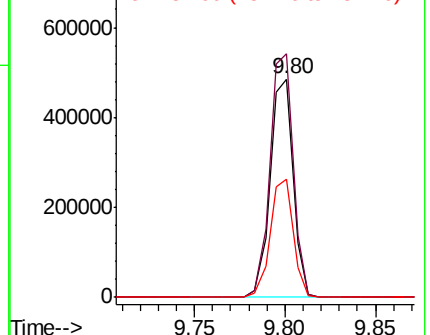
154 100

153 111.6 91.2 136.8

152 54.4 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: 28.574 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

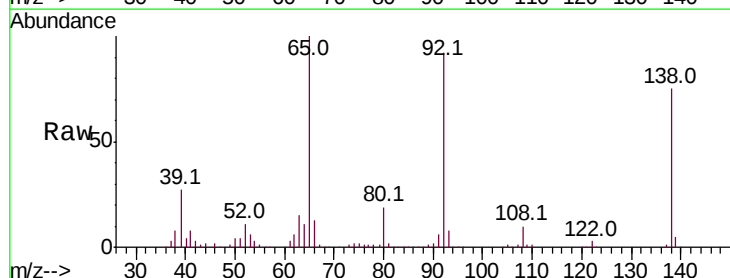
Tgt Ion:138 Resp: 142930

Ion Ratio Lower Upper

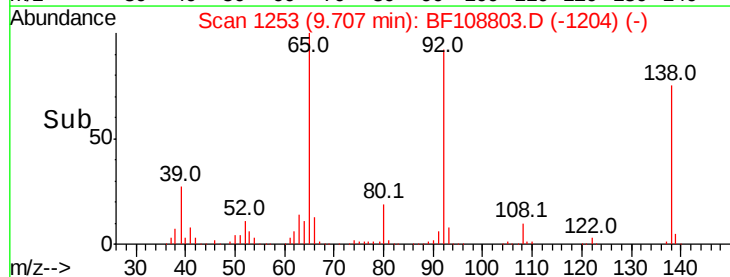
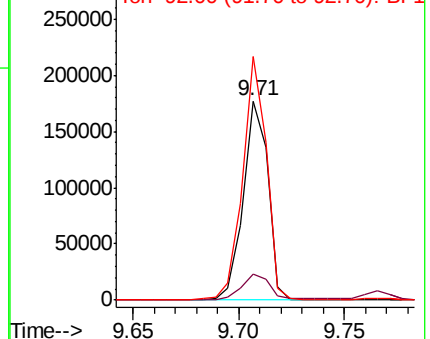
138 100

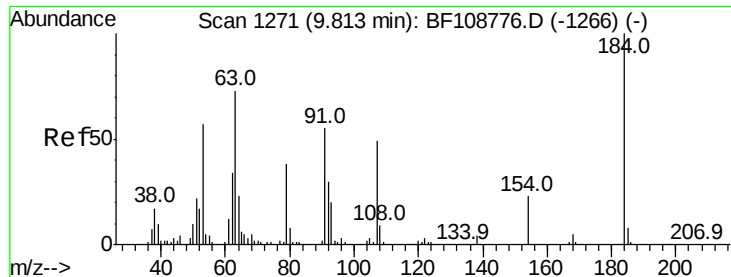
108 13.3 9.4 14.0

92 122.3 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

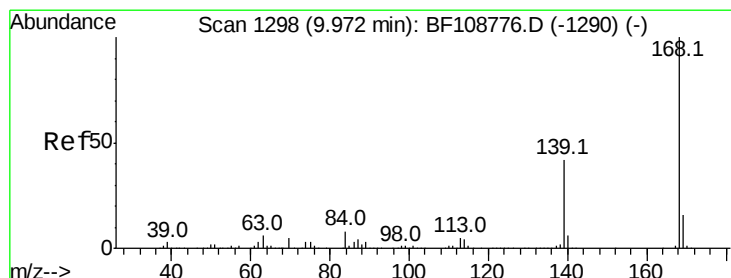
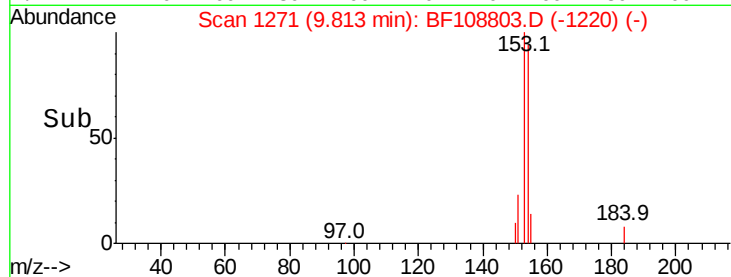
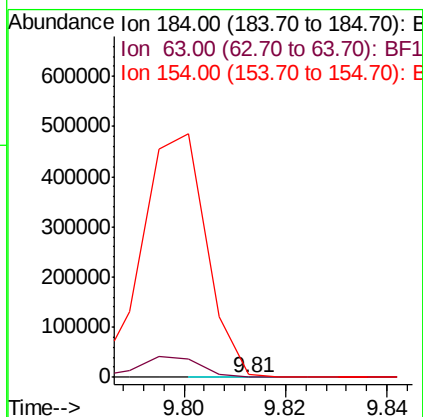
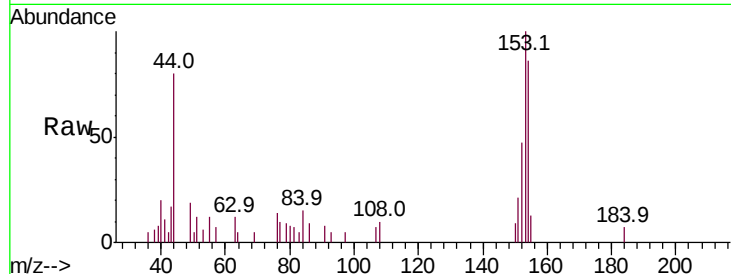




#53
 2,4-Dinitrophenol
 Concen: 9.462 ng
 RT: 9.81 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: BF108803.D
 Acq: 6 Sep 2018 4:27

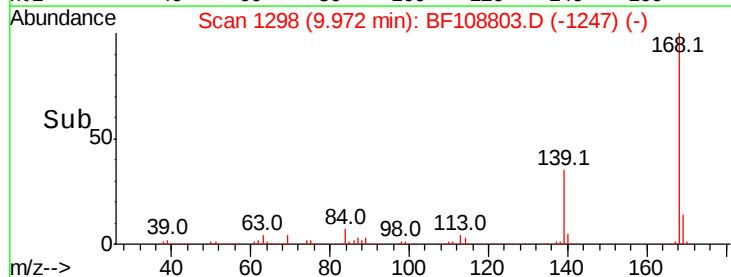
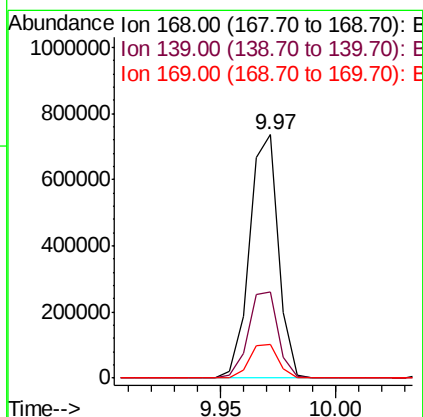
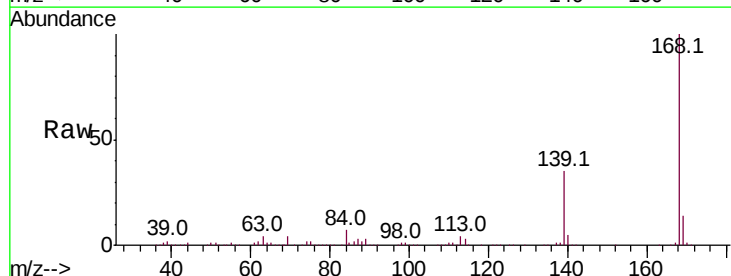
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 285
 Ion Ratio Lower Upper
 184 100
 63 180.3 54.2 81.2#
 154 1242.9 184.0 276.0#



#54
 Dibenzofuran
 Concen: 24.261 ng
 RT: 9.97 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BF108803.D
 Acq: 6 Sep 2018 4:27

Tgt Ion:168 Resp: 640369
 Ion Ratio Lower Upper
 168 100
 139 35.4 30.1 45.1
 169 13.7 10.9 16.3

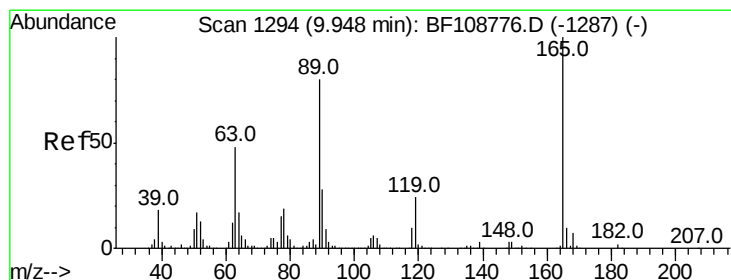
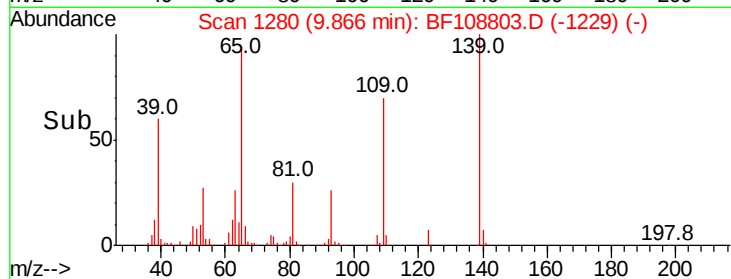
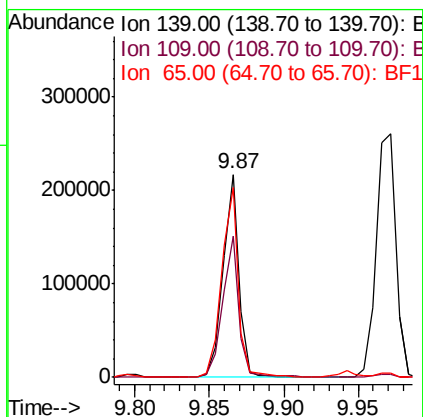
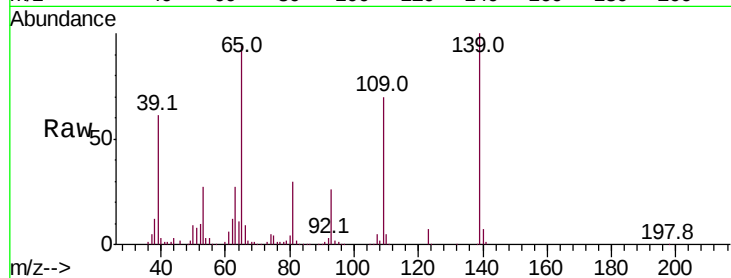




#55
4-Nitrophenol
Concen: 44.271 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF108803.D
Acq: 6 Sep 2018 4:27

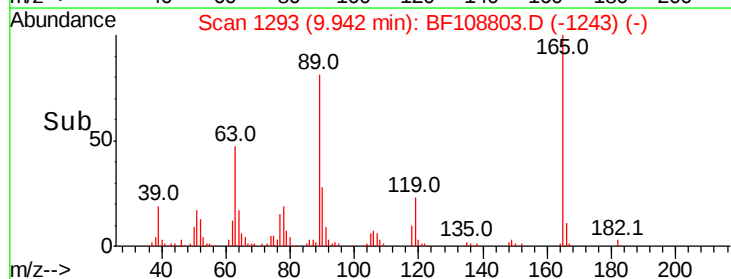
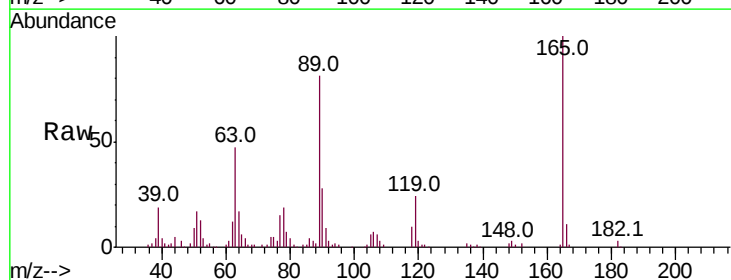
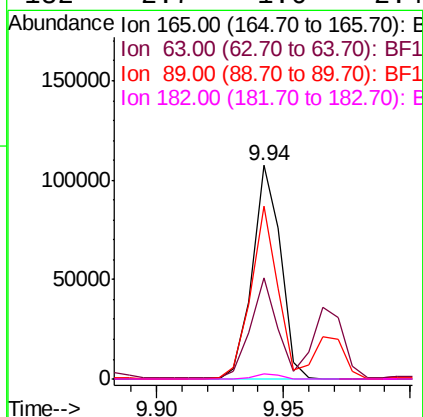
Instrument :
BNA_F
ClientSampleId :

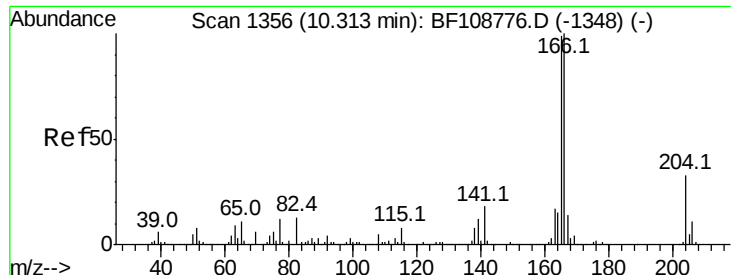
Tot Ion	Ratio	Lower	Upper
139	100		
109	69.6	48.4	88.4
65	93.7	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 15.529 ng
RT: 9.94 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF108803.D
Acq: 6 Sep 2018 4:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.4	36.4	54.6
89	80.8	57.8	86.6
182	2.7	1.6	2.4#





#57

Fluorene

Concen: 27.976 ng

RT: 10.31 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

Instrument :

BNA_F

ClientSampleId :

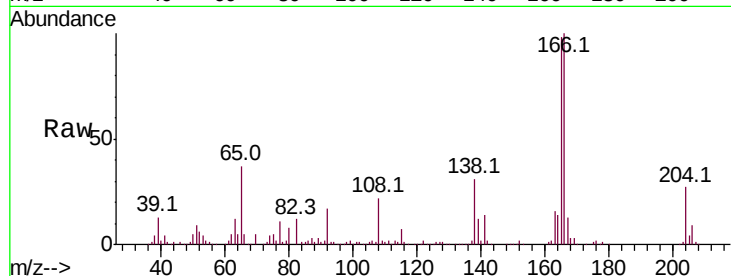
Tot Ion:166 Resp: 473879

Ion Ratio Lower Upper

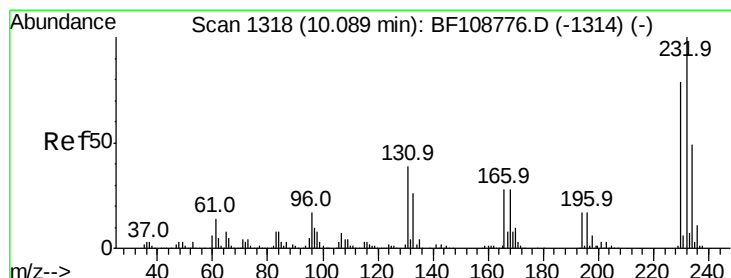
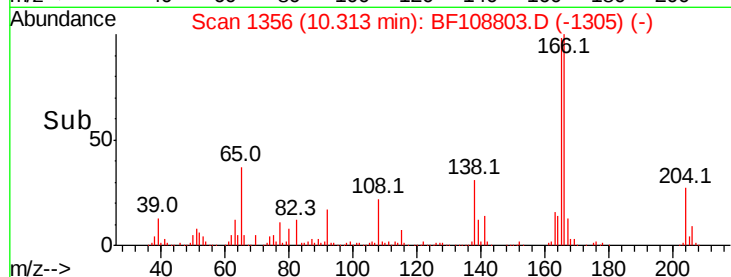
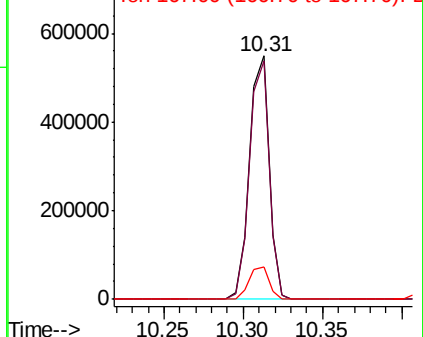
166 100

165 98.1 79.8 119.8

167 13.4 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: 23.872 ng

RT: 10.09 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

Tgt Ion:232 Resp: 128107

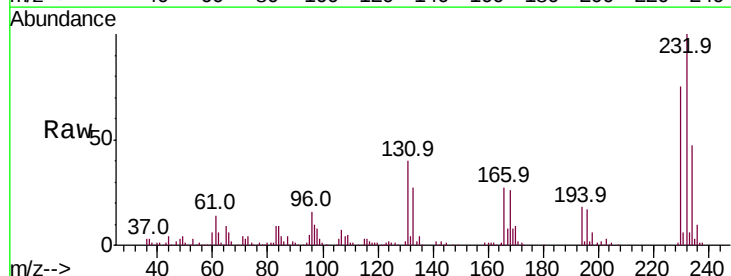
Ion Ratio Lower Upper

232 100

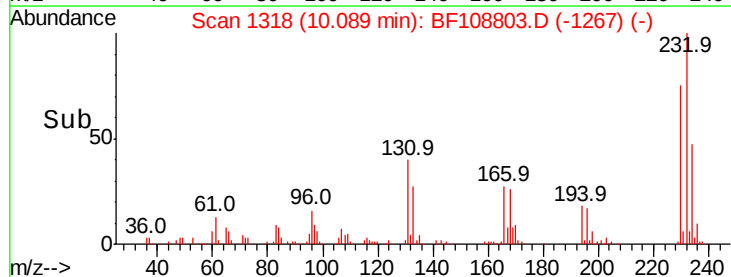
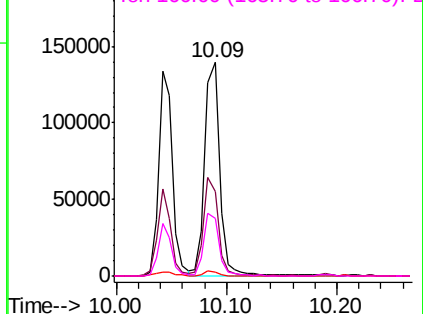
131 45.4 43.8 65.8

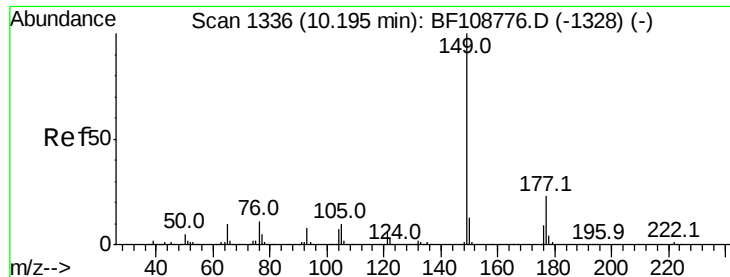
130 2.2 2.1 3.1

166 29.6 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

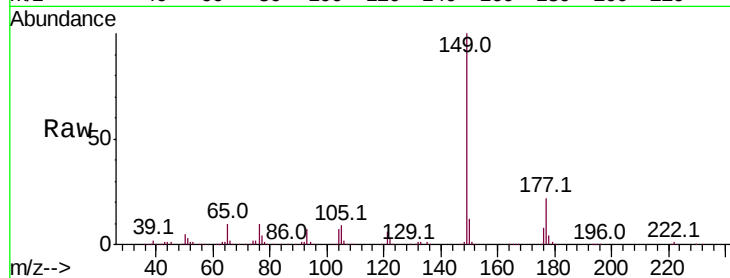




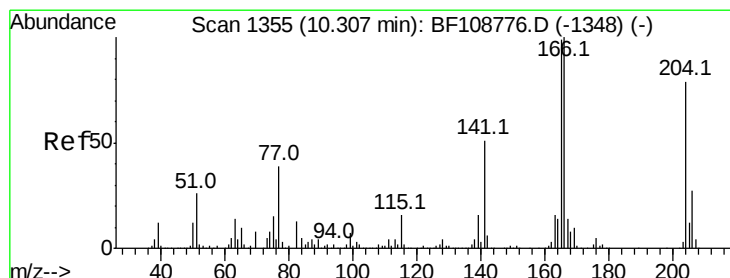
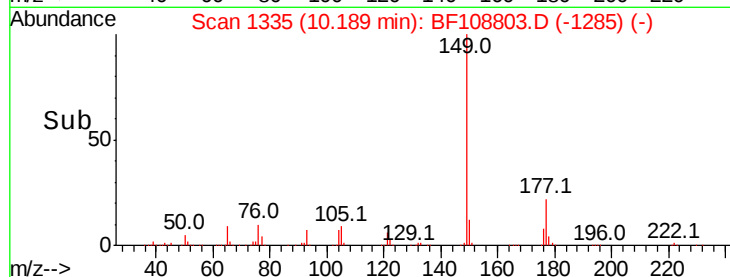
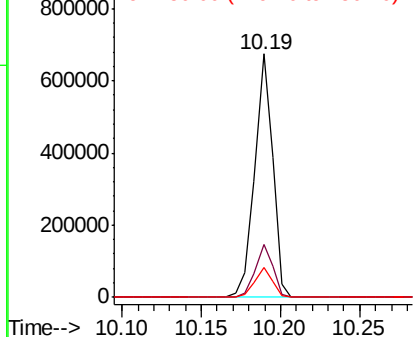
#59
Diethylphthalate
Concen: 23.348 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF108803.D
Acq: 6 Sep 2018 4:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.1	24.1
150	12.4	10.1	15.1

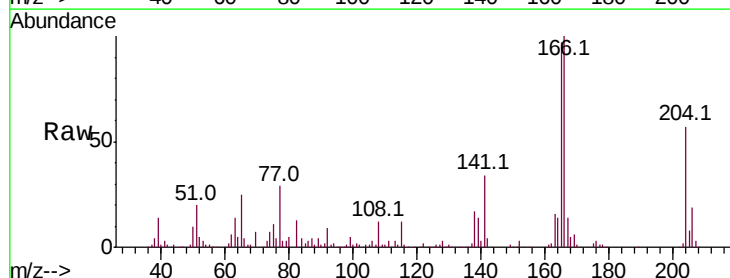


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

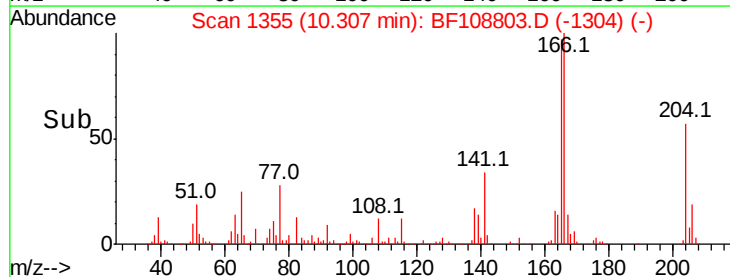
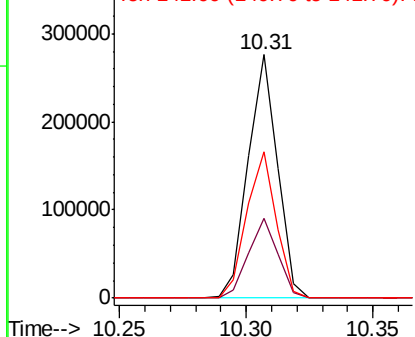


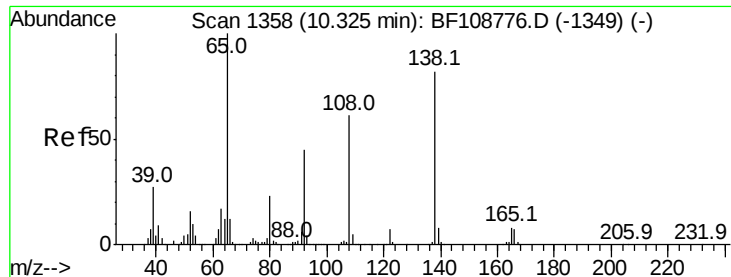
#60
4-Chlorophenyl-phenylether
Concen: 24.634 ng
RT: 10.31 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF108803.D
Acq: 6 Sep 2018 4:27

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	59.9	54.6	81.8



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

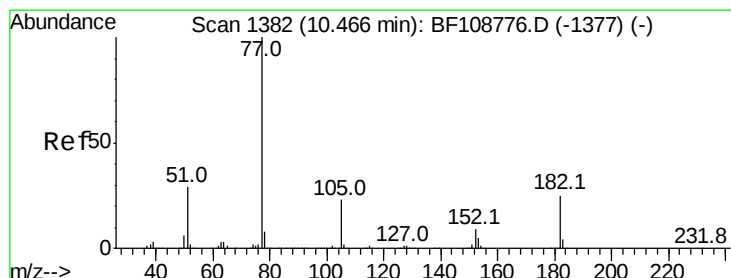
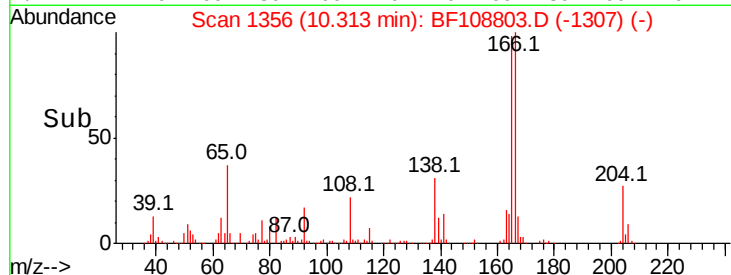
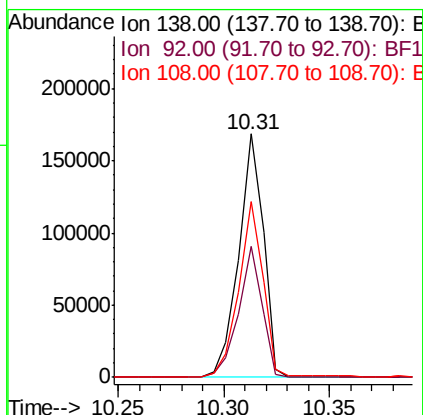
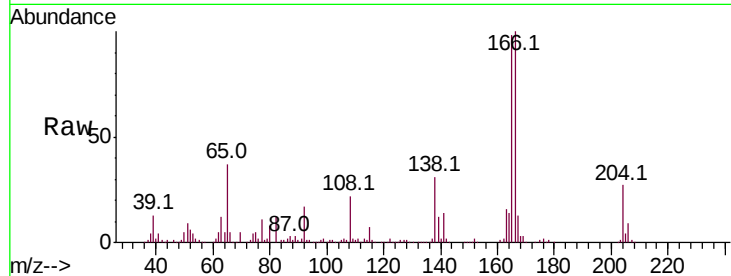




#61
4-Nitroaniline
Concen: 30.045 ng
RT: 10.31 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF108803.D
Acq: 6 Sep 2018 4:27

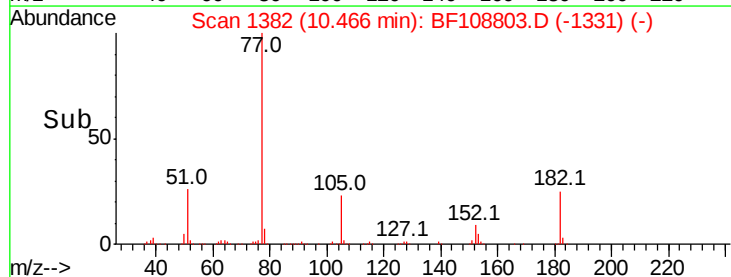
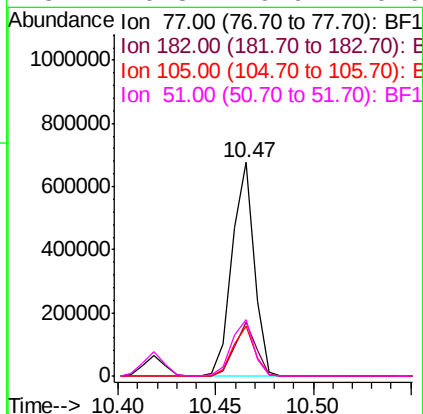
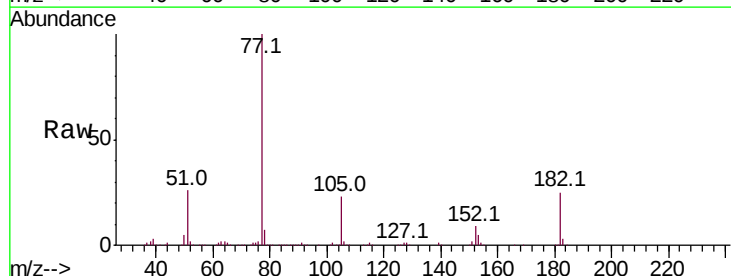
Instrument :
BNA_F
ClientSampleId :

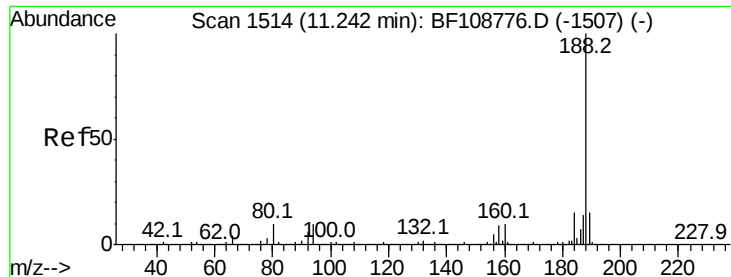
Tot Ion:138 Resp: 136150
Ion Ratio Lower Upper
138 100
92 53.7 30.2 70.2
108 72.0 52.5 92.5



#62
Azobenzene
Concen: 22.614 ng
RT: 10.47 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF108803.D
Acq: 6 Sep 2018 4:27

Tgt Ion: 77 Resp: 531230
Ion Ratio Lower Upper
77 100
182 25.3 1.7 41.7
105 23.3 3.0 43.0
51 26.3 9.9 49.9

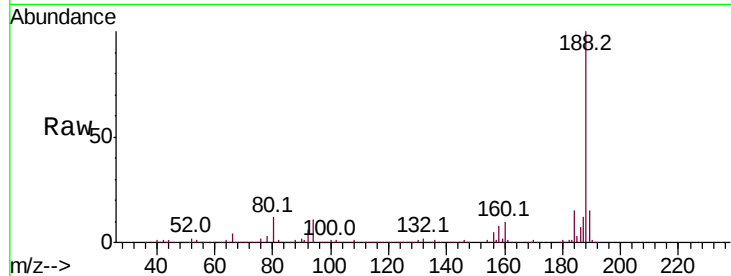




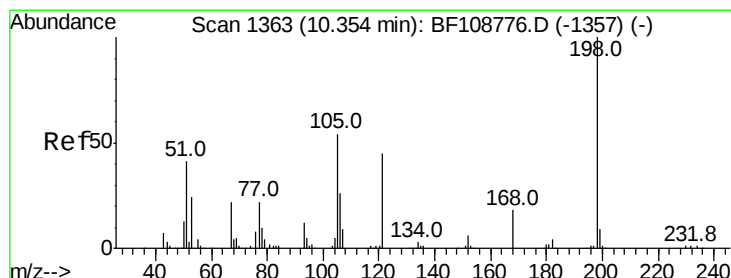
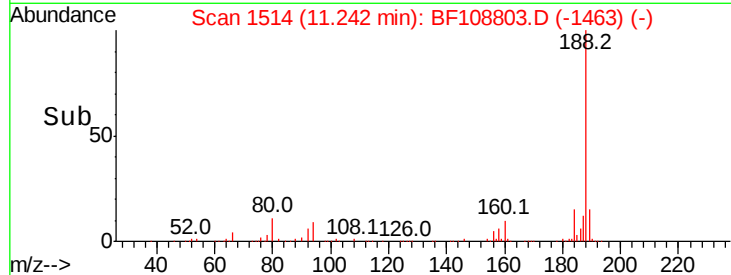
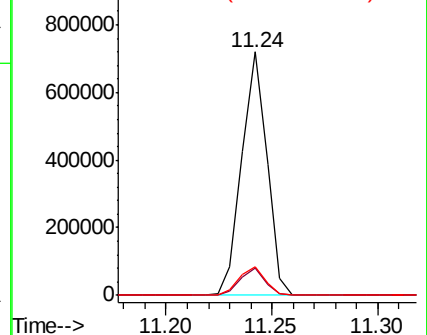
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF108803.D
 Acq: 6 Sep 2018 4:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 593181
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.5 12.7
 80 11.7 9.2 13.8

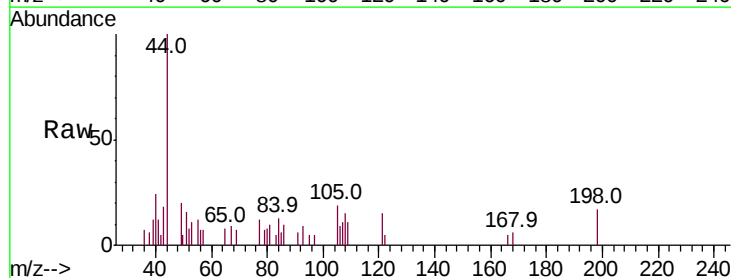


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

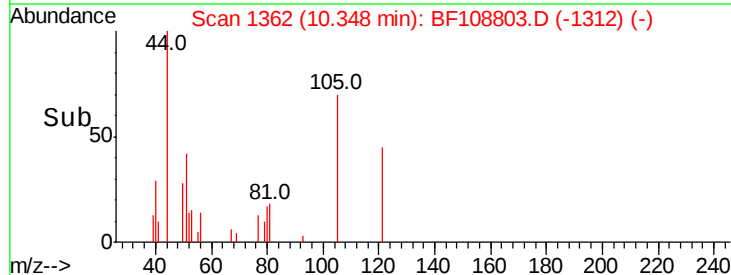
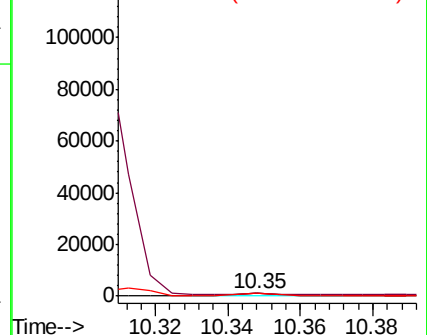


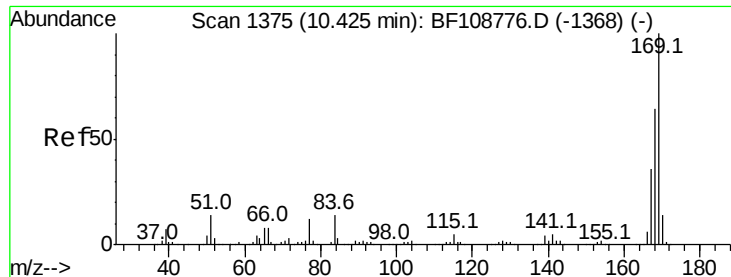
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.221 ng
 RT: 10.35 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BF108803.D
 Acq: 6 Sep 2018 4:27

Tgt Ion:198 Resp: 959
 Ion Ratio Lower Upper
 198 100
 51 95.5 37.7 77.7#
 105 109.5 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

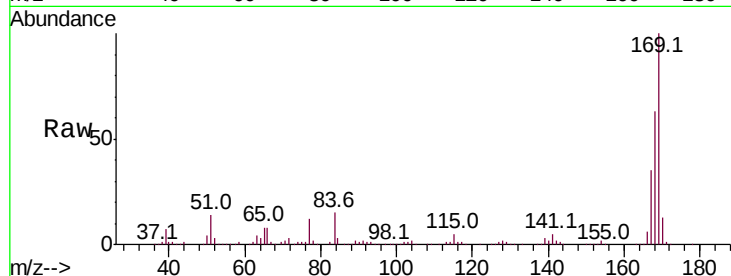




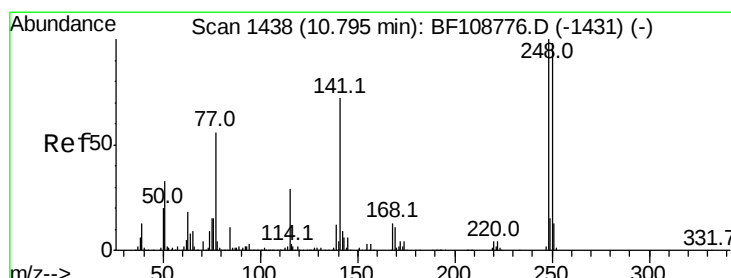
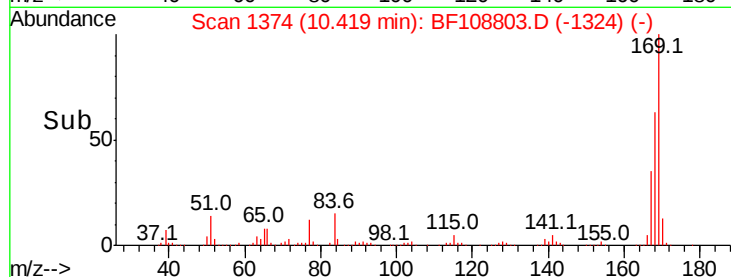
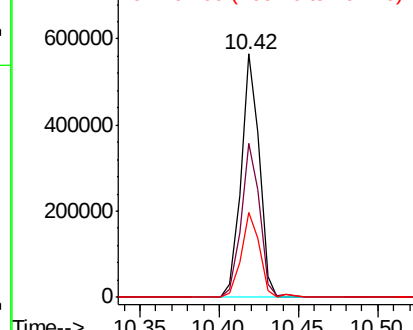
#65
 n-Nitrosodiphenylamine
 Concen: 22.833 ng
 RT: 10.42 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF108803.D
 Acq: 6 Sep 2018 4:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	63.0	54.4	81.6
167	35.1	29.8	44.6

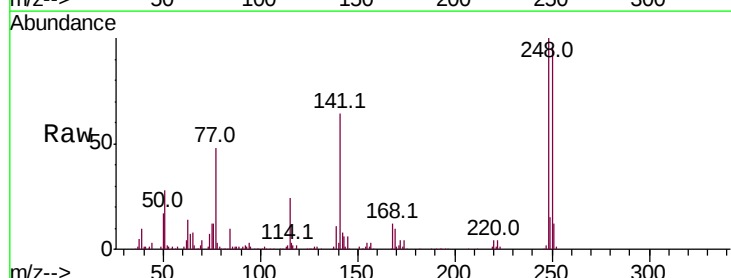


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

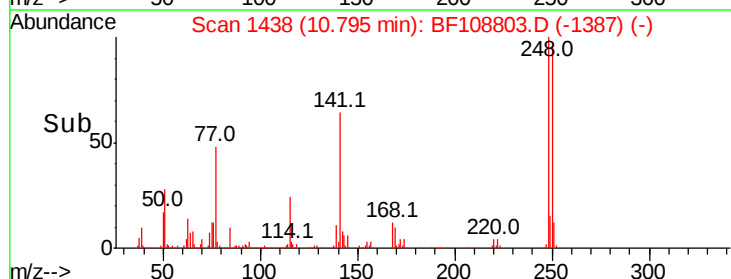
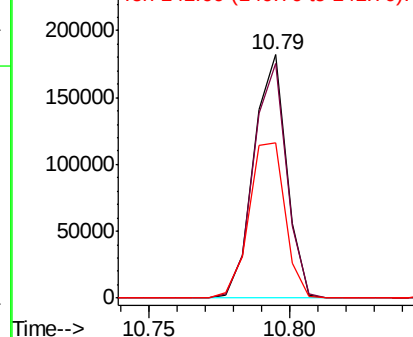


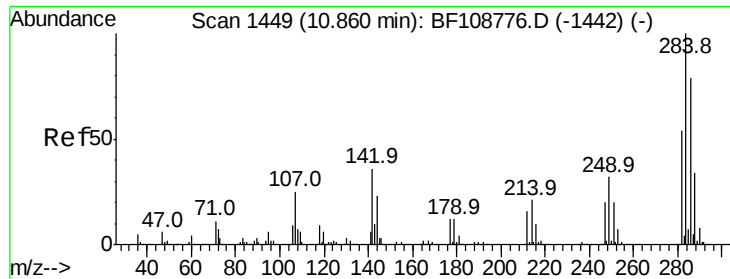
#66
 4-Bromophenyl-phenylether
 Concen: 21.941 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF108803.D
 Acq: 6 Sep 2018 4:27

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.9	115.3
141	63.9	74.4	111.6



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

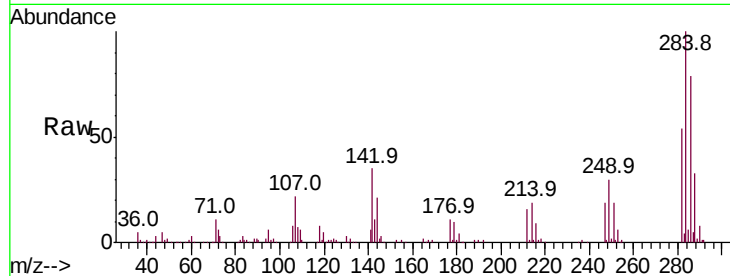




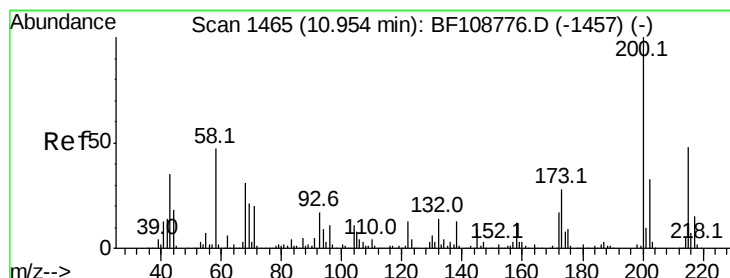
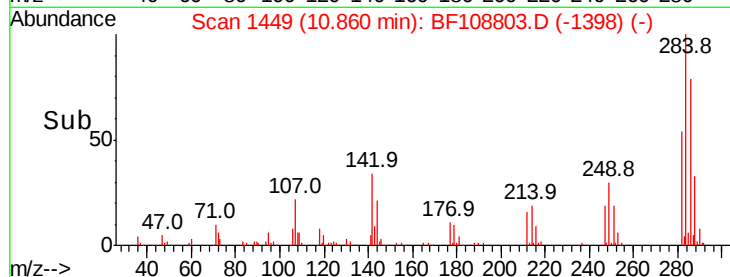
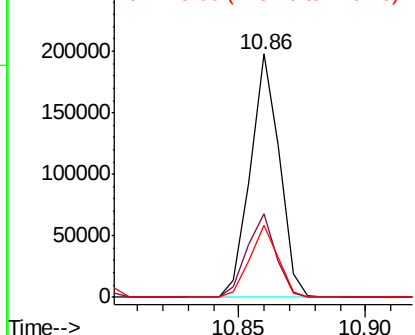
#67
Hexachlorobenzene
Concen: 22.131 ng
RT: 10.86 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF108803.D
Acq: 6 Sep 2018 4:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.6	34.6	52.0#
249	29.8	24.8	37.2

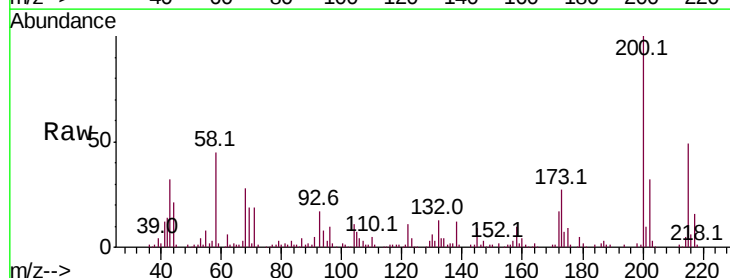


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

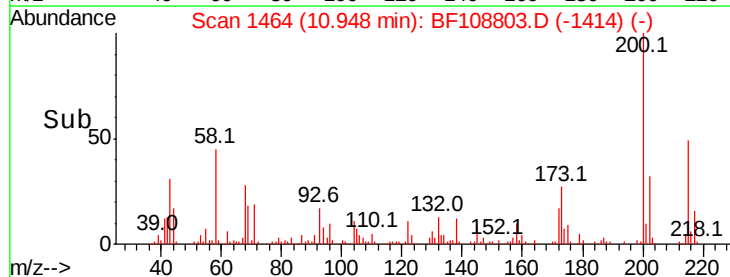
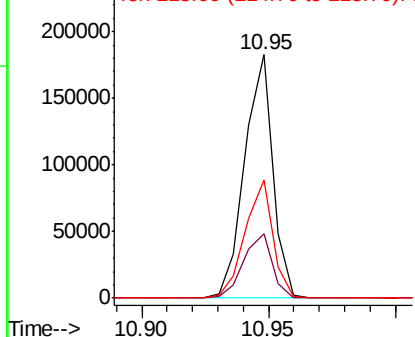


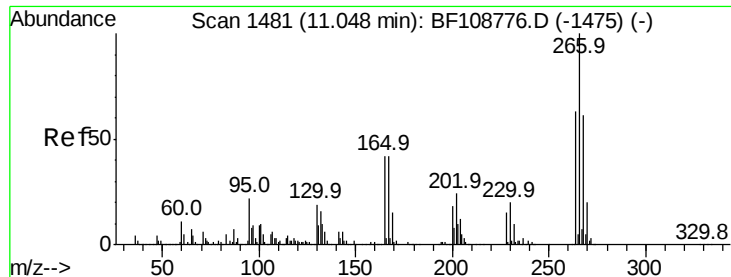
#68
Atrazine
Concen: 22.341 ng
RT: 10.95 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF108803.D
Acq: 6 Sep 2018 4:27

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.6	8.6	48.6
215	48.8	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

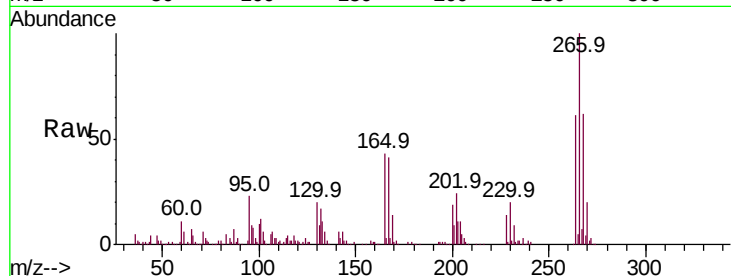




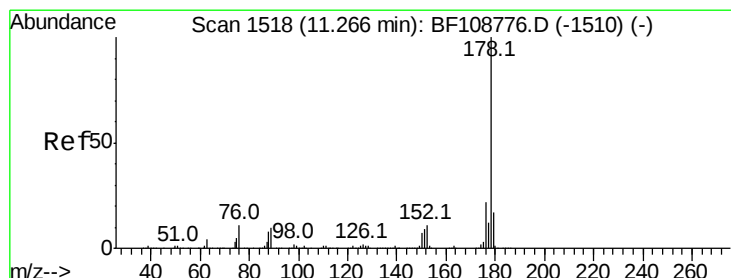
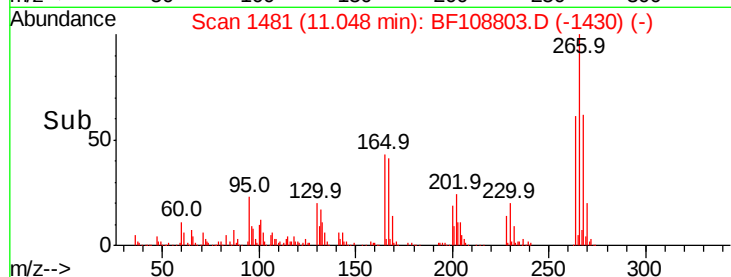
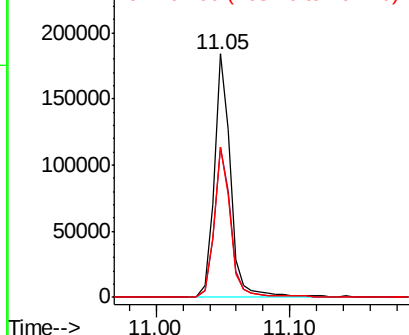
#69
 Pentachlorophenol
 Concen: 36.486 ng
 RT: 11.05 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF108803.D
 Acq: 6 Sep 2018 4:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.9	51.1	76.7
264	61.5	49.5	74.3

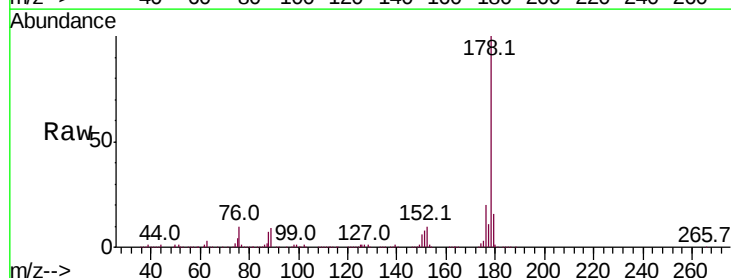


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

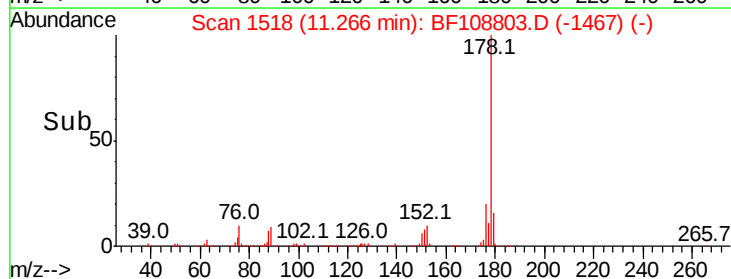
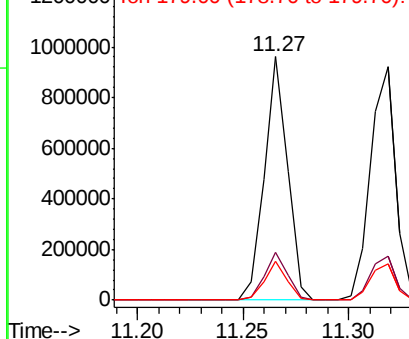


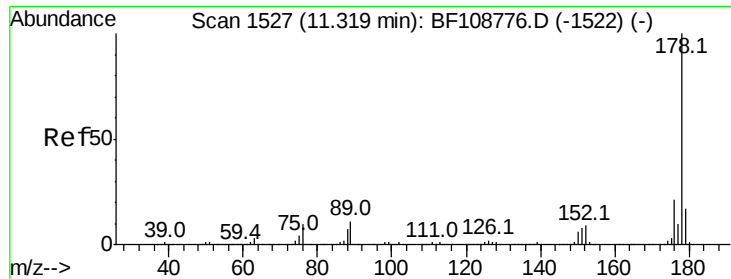
#70
 Phenanthrene
 Concen: 25.937 ng
 RT: 11.27 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: BF108803.D
 Acq: 6 Sep 2018 4:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	16.1	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

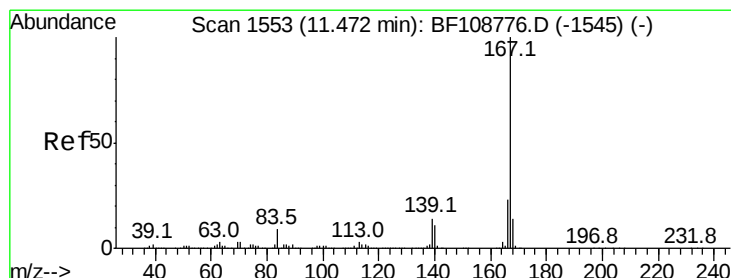
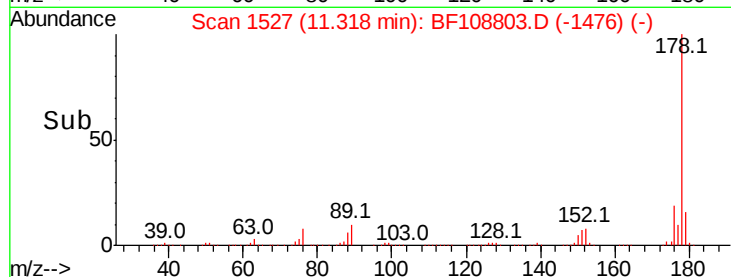
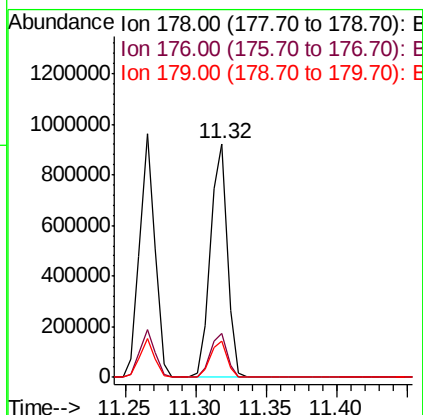
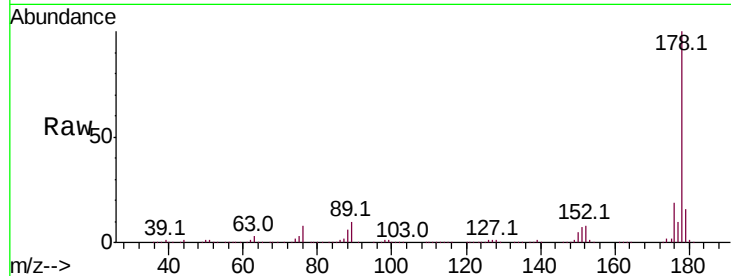




#71
 Anthracene
 Concen: 28.355 ng
 RT: 11.32 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BF108803.D
 Acq: 6 Sep 2018 4:27

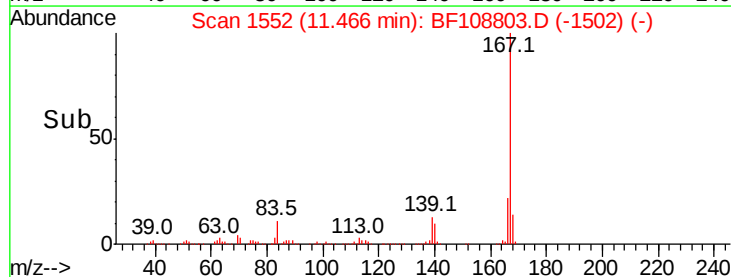
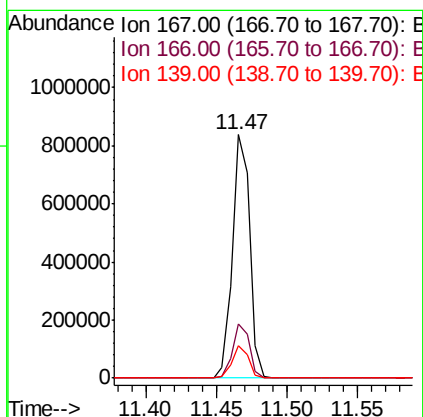
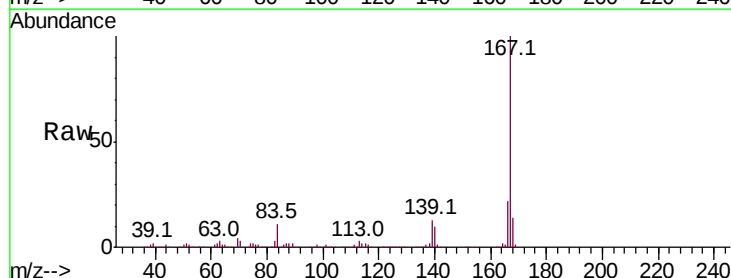
Instrument :
 BNA_F
 ClientSampleId :

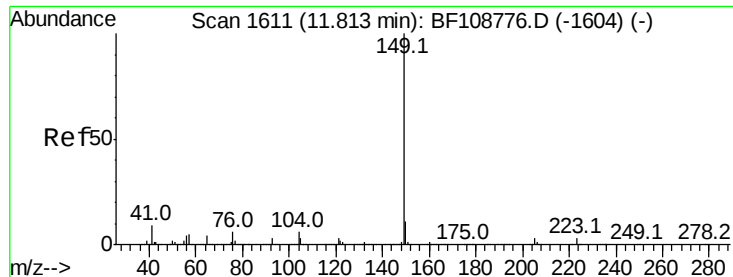
Tot Ion:178 Resp: 769044
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 24.984 ng
 RT: 11.47 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF108803.D
 Acq: 6 Sep 2018 4:27

Tgt Ion:167 Resp: 713617
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 26.275 ng

RT: 11.81 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BF108803.D

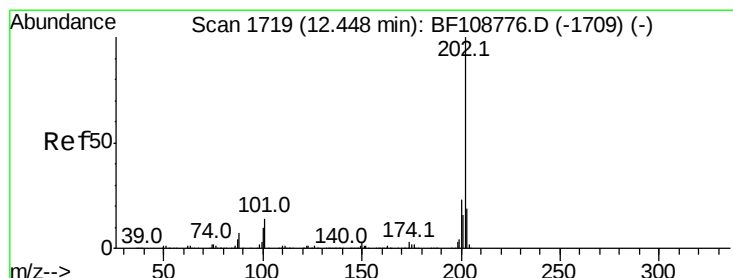
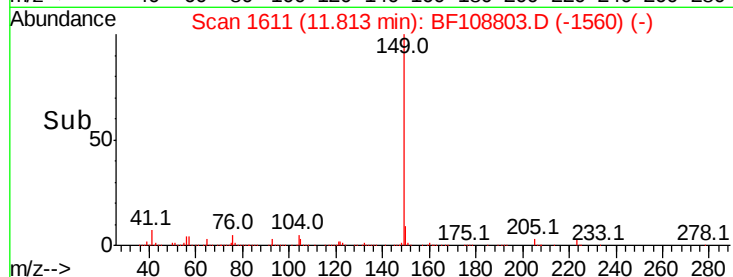
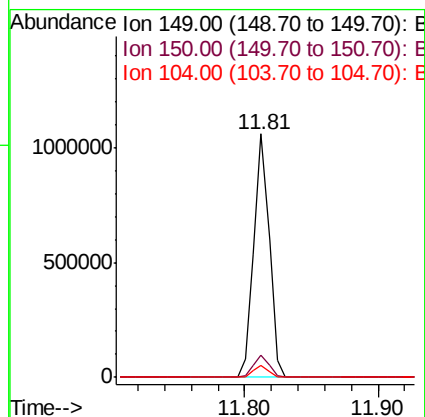
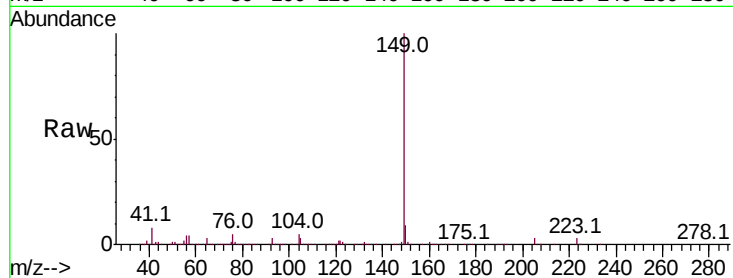
Acq: 6 Sep 2018 4:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:149	Resp:	833402
Ion Ratio	Lower	Upper
149	100	
150	9.3	7.8 11.6
104	4.7	3.8 5.8



#74

Fluoranthene

Concen: 29.738 ng

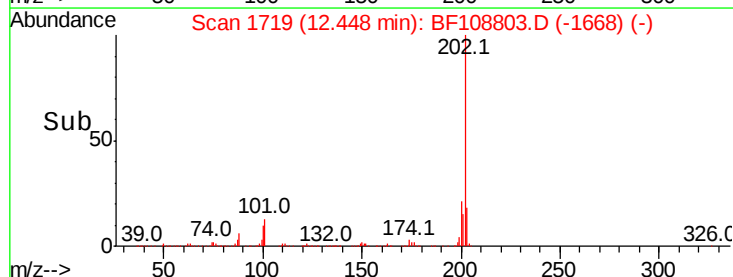
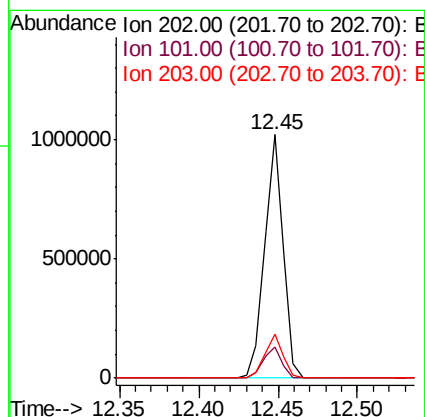
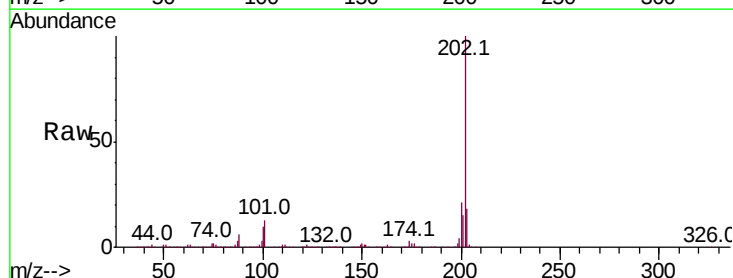
RT: 12.45 min Scan# 1719

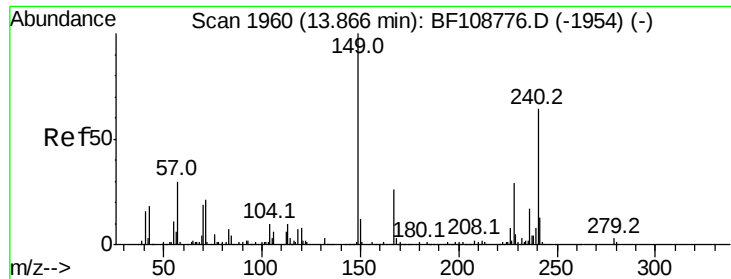
Delta R.T. -0.00 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

Tgt Ion:202	Resp:	834043
Ion Ratio	Lower	Upper
202	100	
101	12.7	0.0 34.1
203	18.1	0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

Instrument :

BNA_F

ClientSampleId :

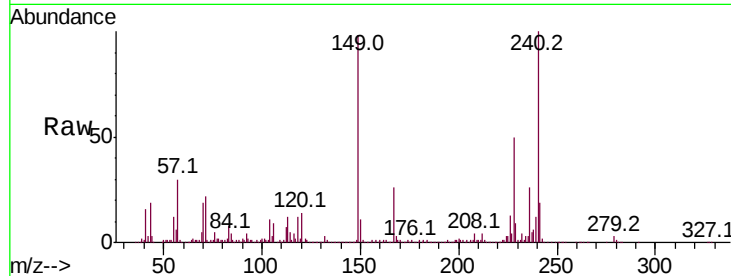
Tot Ion:240 Resp: 496105

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

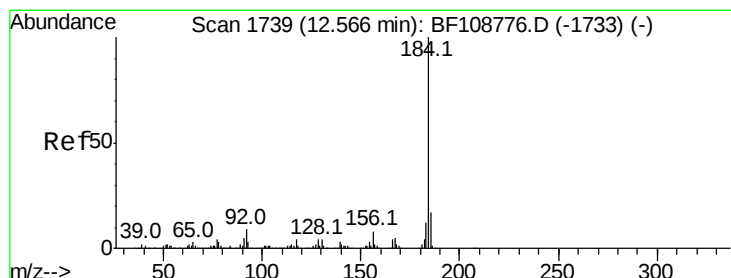
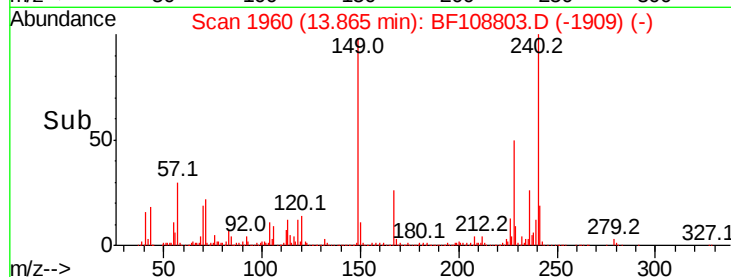
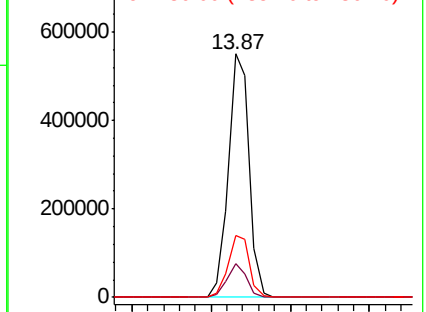
236 25.5 20.7 31.1



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: 26.470 ng

RT: 12.57 min Scan# 1740

Delta R.T. 0.01 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

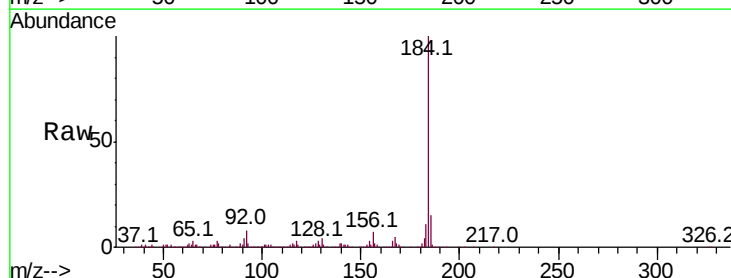
Tgt Ion:184 Resp: 622395

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

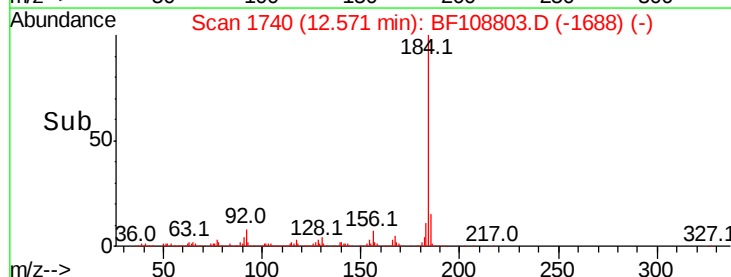
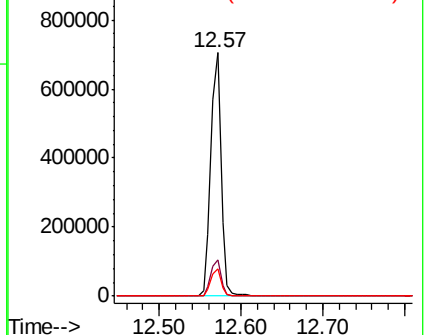
183 11.1 9.3 13.9

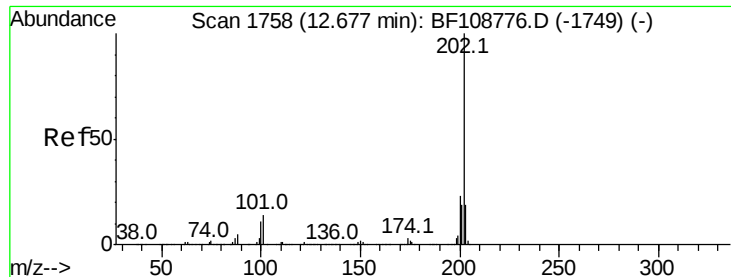


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 22.221 ng

RT: 12.68 min Scan# 1758

Delta R.T. -0.00 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

Instrument :

BNA_F

ClientSampleId :

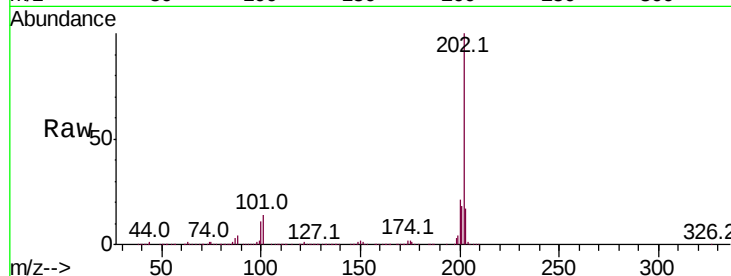
Tot Ion:202 Resp: 848272

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

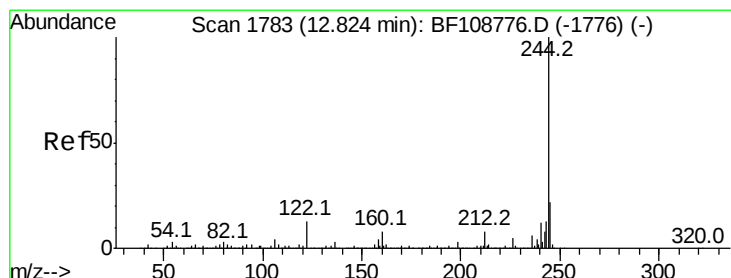
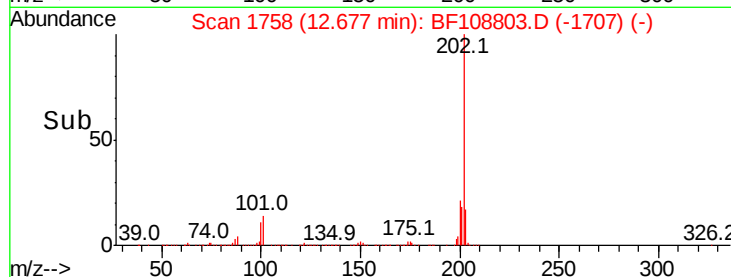
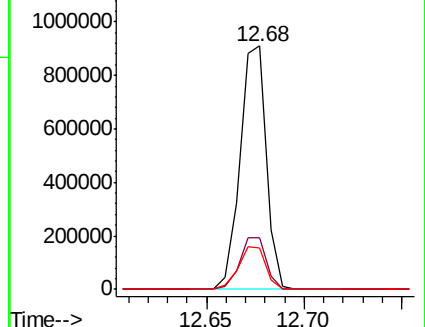
203 17.2 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 46.232 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

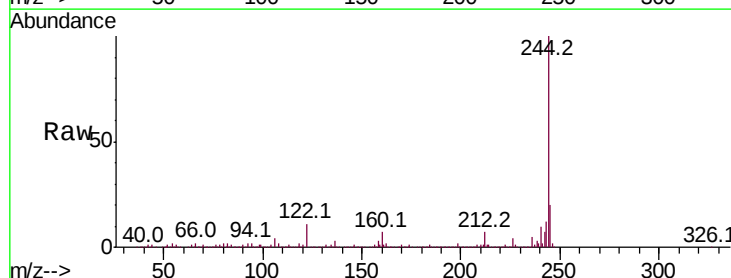
Tgt Ion:244 Resp: 983564

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

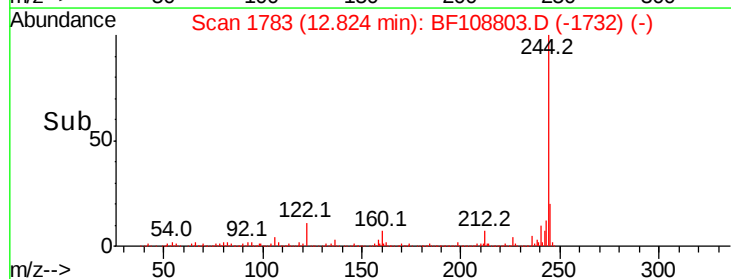
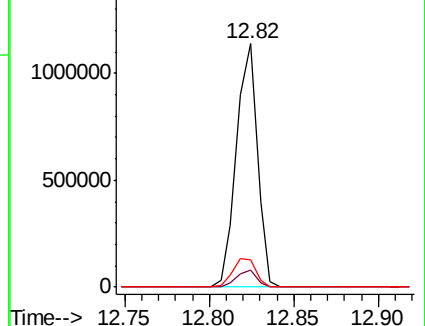
122 11.2 11.0 16.4

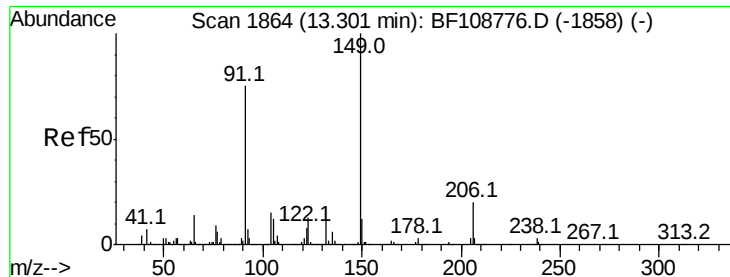


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

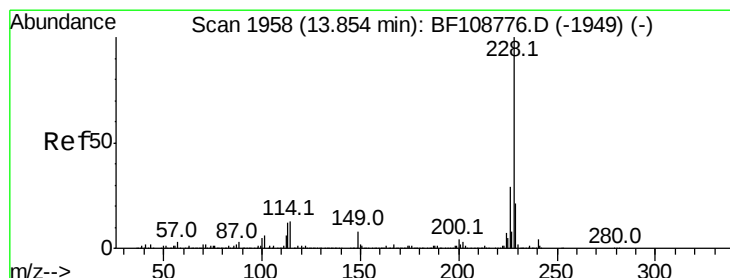
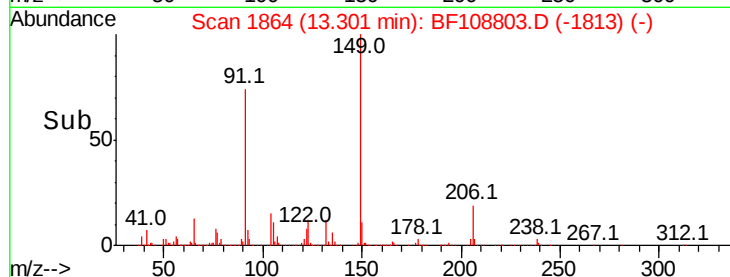
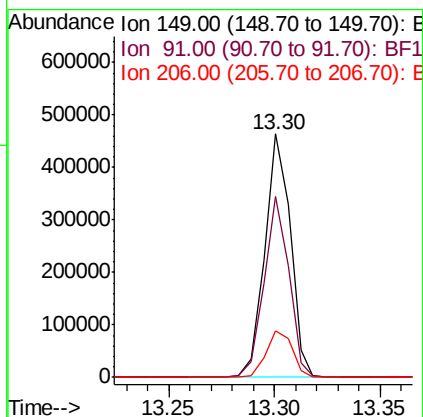
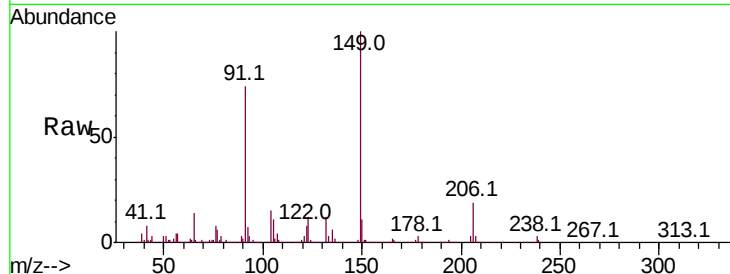




#79
Butylbenzylphthalate
Concen: 22.683 ng
RT: 13.30 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BF108803.D
Acq: 6 Sep 2018 4:27

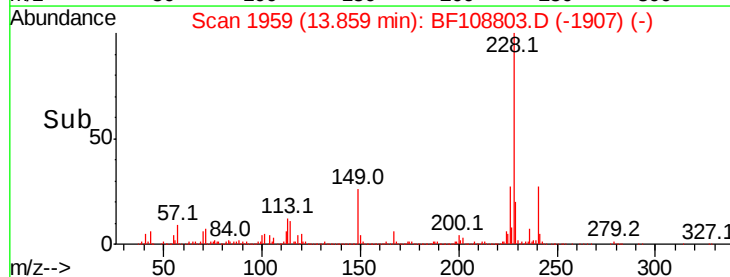
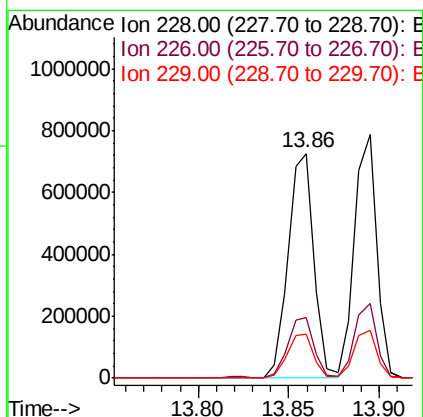
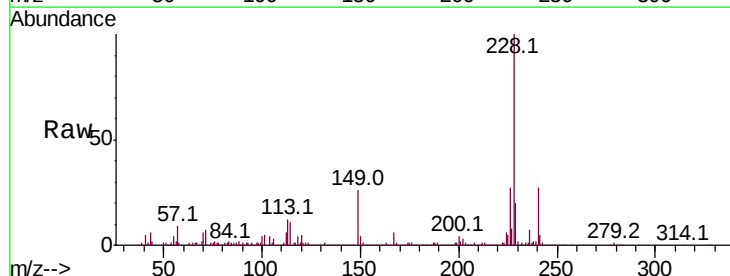
Instrument :
BNA_F
ClientSampleId :

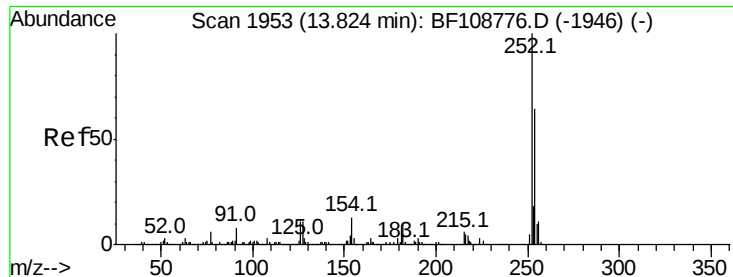
Tot Ion:149 Resp: 389942
Ion Ratio Lower Upper
149 100
91 74.3 56.8 85.2
206 19.2 14.1 21.1



#80
Benzo(a)anthracene
Concen: 22.835 ng
RT: 13.86 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BF108803.D
Acq: 6 Sep 2018 4:27

Tgt Ion:228 Resp: 726109
Ion Ratio Lower Upper
228 100
226 27.0 22.6 33.8
229 19.6 15.8 23.6

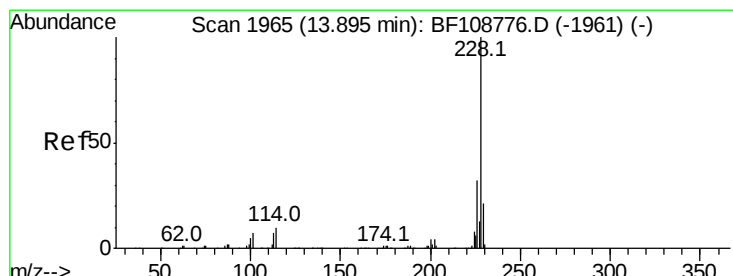
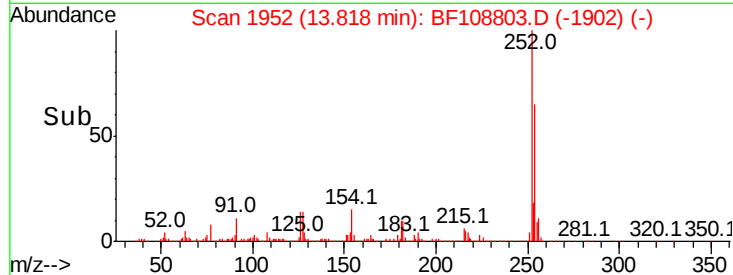
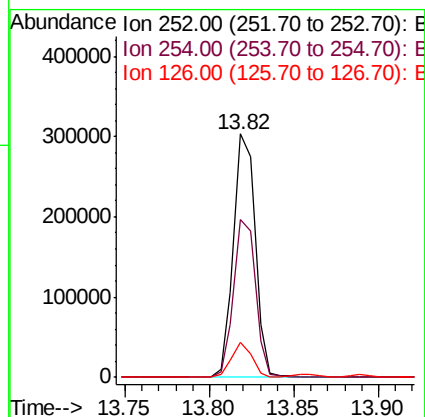
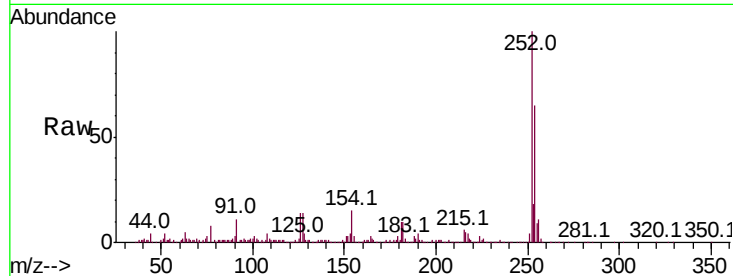




#81
 3,3'-Dichlorobenzidine
 Concen: 22.081 ng
 RT: 13.82 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BF108803.D
 Acq: 6 Sep 2018 4:27

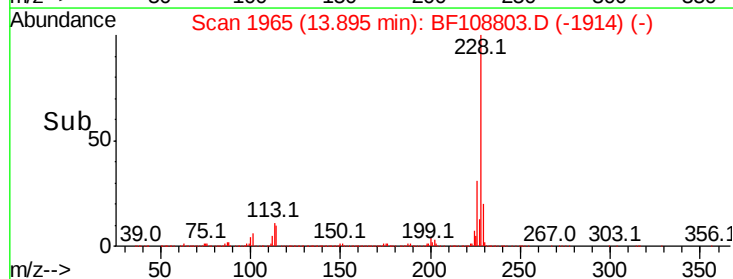
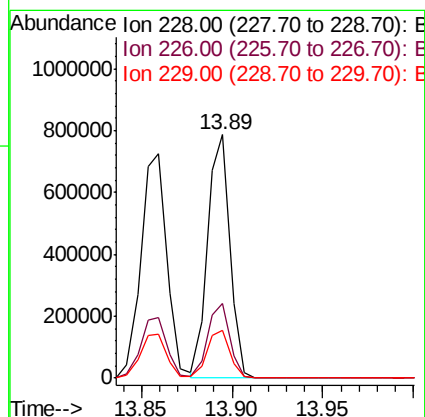
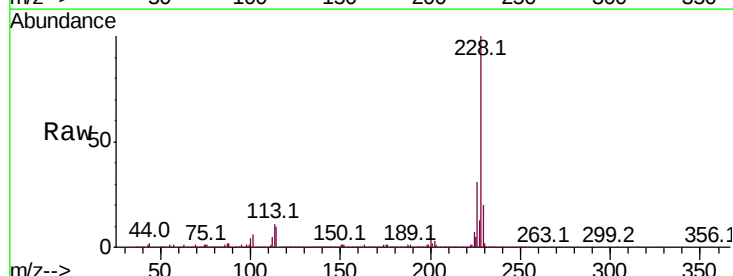
Instrument :
 BNA_F
 ClientSampleId :

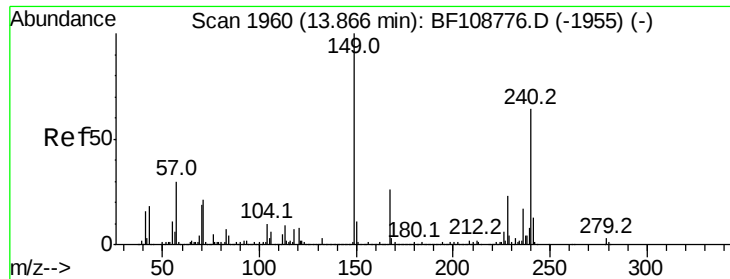
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.4	75.6
126	14.3	11.3	16.9



#82
 Chrysene
 Concen: 21.825 ng
 RT: 13.89 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: BF108803.D
 Acq: 6 Sep 2018 4:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.9	16.2	24.4

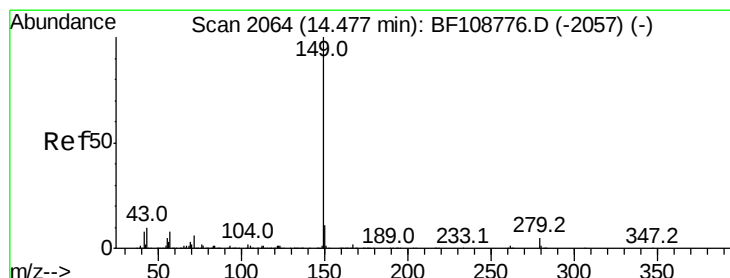
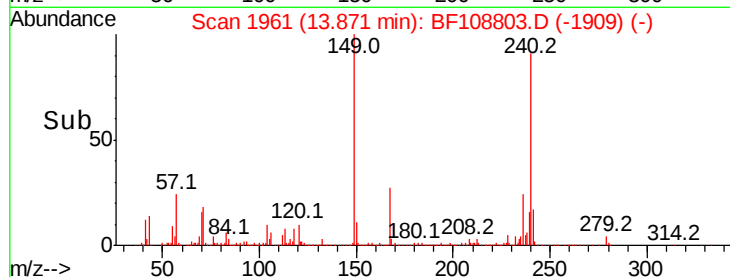
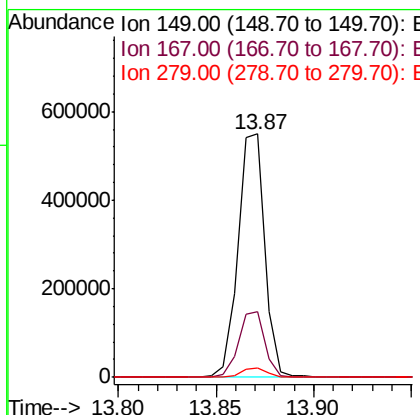
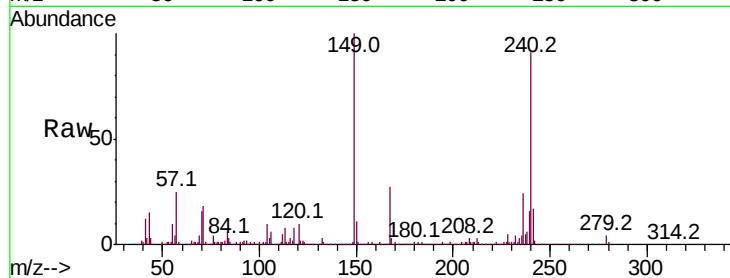




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 23.974 ng
 RT: 13.87 min Scan# 1961
 Delta R.T. 0.01 min
 Lab File: BF108803.D
 Acq: 6 Sep 2018 4:27

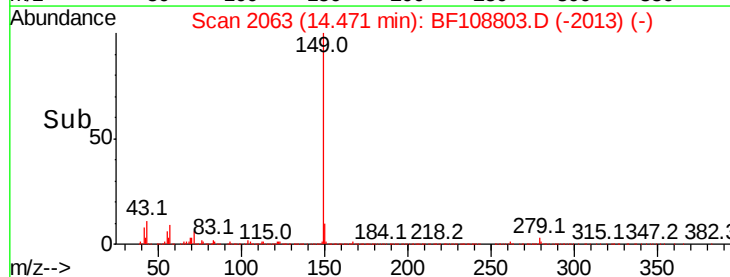
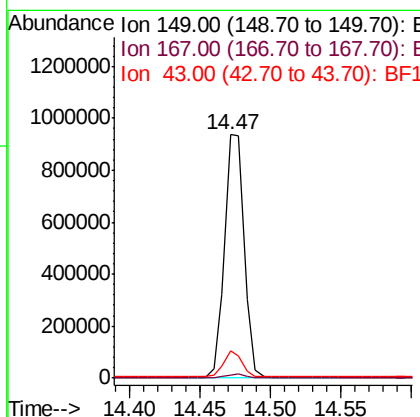
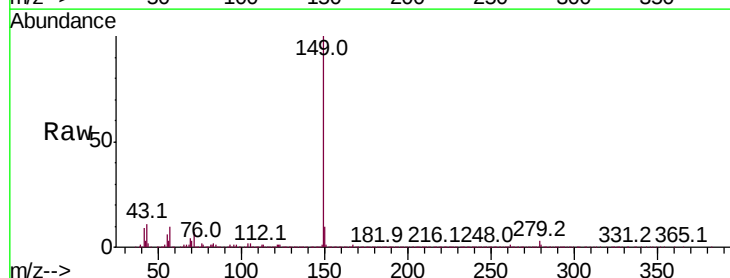
Instrument :
 BNA_F
 ClientSampleId :

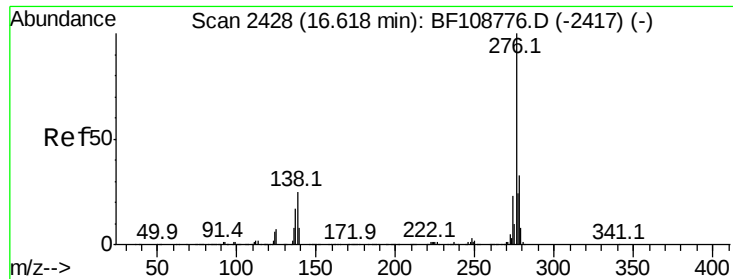
Tot Ion:149 Resp: 517933
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.3 31.9
 279 4.0 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 25.205 ng
 RT: 14.47 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: BF108803.D
 Acq: 6 Sep 2018 4:27

Tgt Ion:149 Resp: 907831
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.9 8.4 12.6

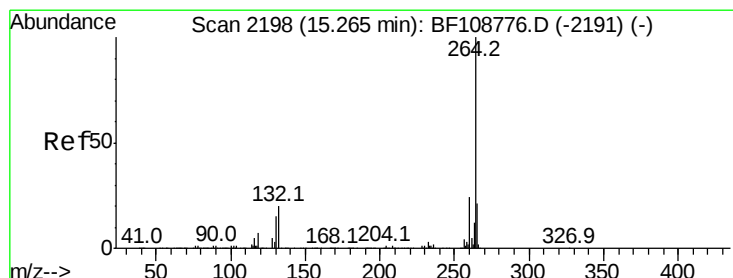
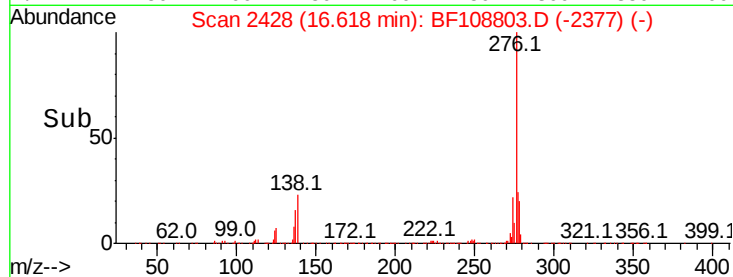
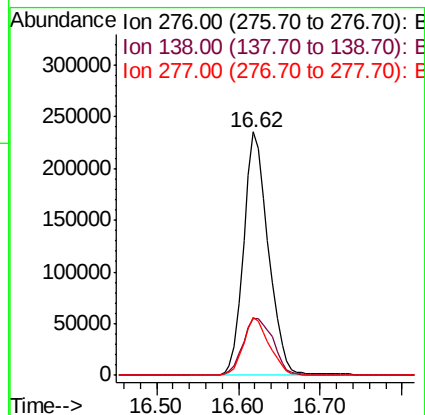
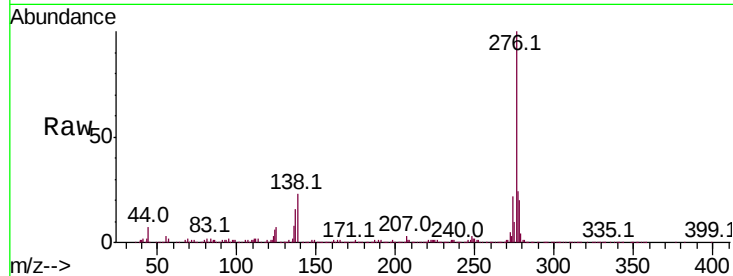




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 18.065 ng
 RT: 16.62 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BF108803.D
 Acq: 6 Sep 2018 4:27

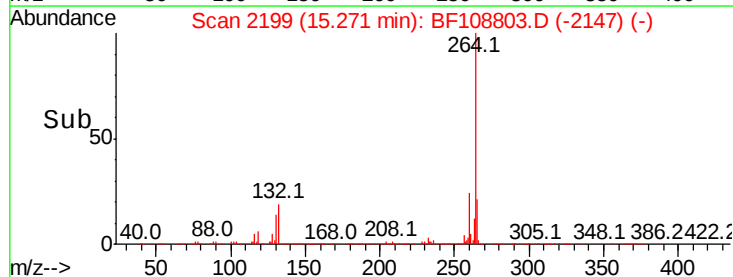
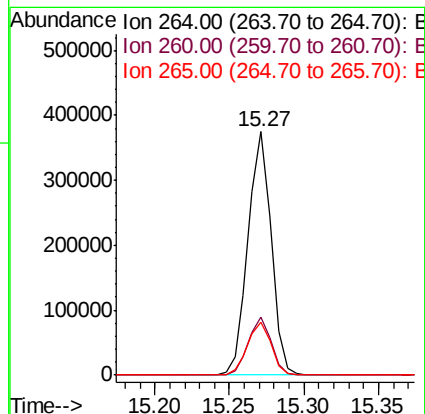
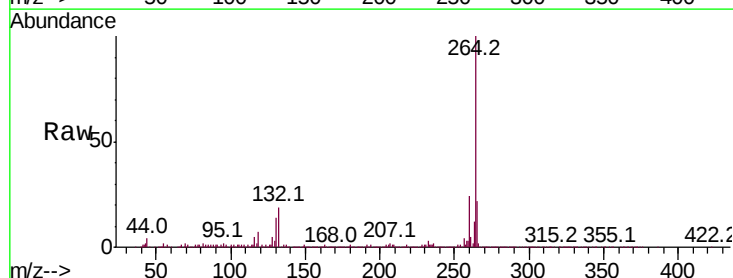
Instrument :
 BNA_F
 ClientSampleId :

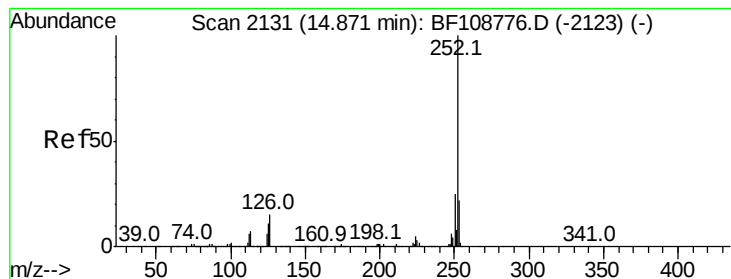
Tot Ion:276 Resp: 492139
 Ion Ratio Lower Upper
 276 100
 138 28.2 25.0 37.6
 277 24.7 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: BF108803.D
 Acq: 6 Sep 2018 4:27

Tgt Ion:264 Resp: 401503
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.7 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 24.035 ng

RT: 14.87 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

Instrument :

BNA_F

ClientSampleId :

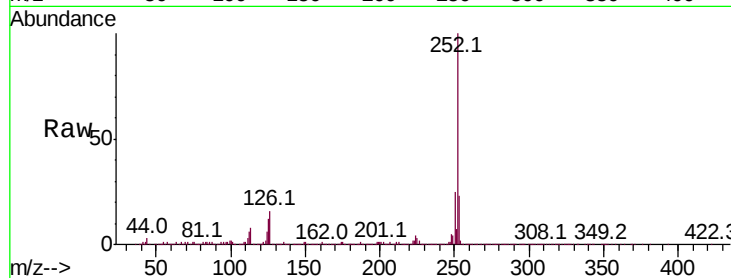
Tot Ion:252 Resp: 524738

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.6

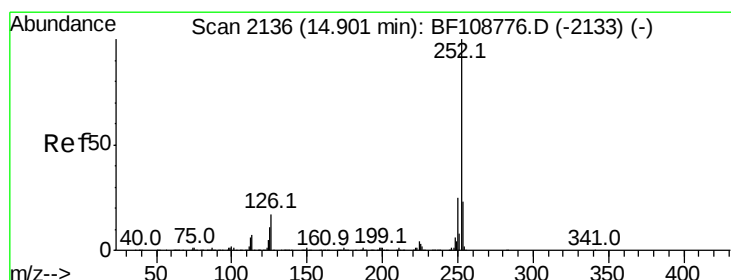
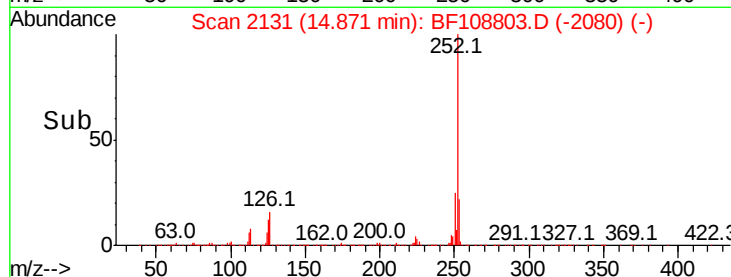
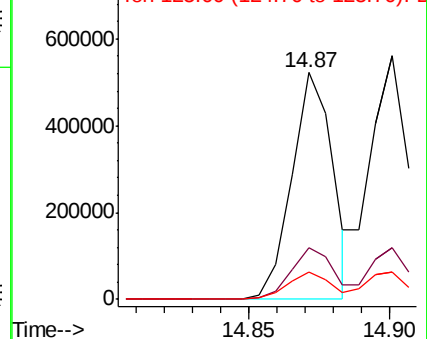
125 12.0 9.0 13.6



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: 26.134 ng

RT: 14.90 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

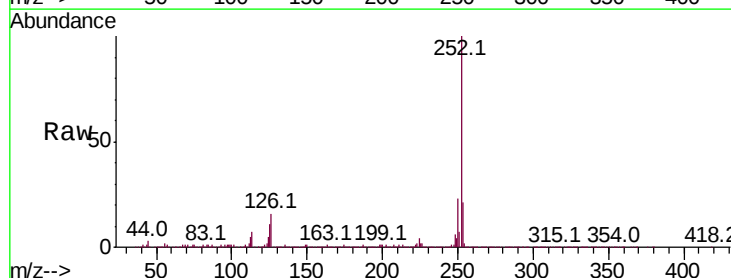
Tgt Ion:252 Resp: 525434

Ion Ratio Lower Upper

252 100

253 21.3 17.9 26.9

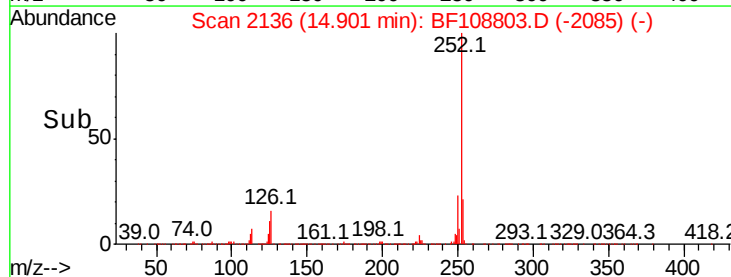
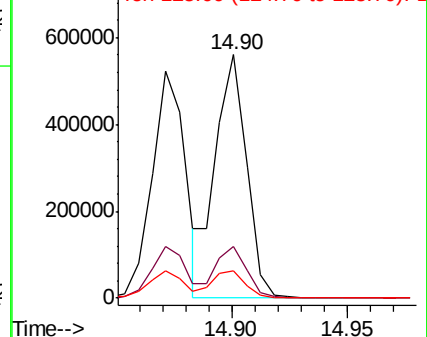
125 11.0 10.2 15.2

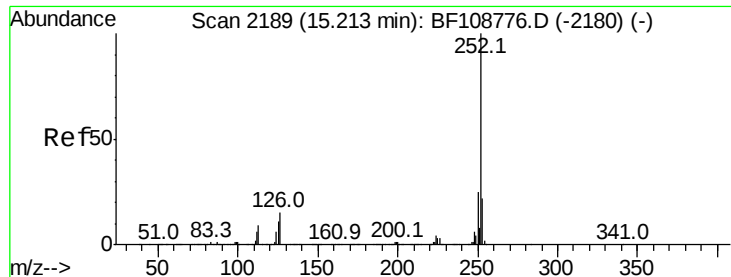


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 24.146 ng

RT: 15.21 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

Instrument :

BNA_F

ClientSampleId :

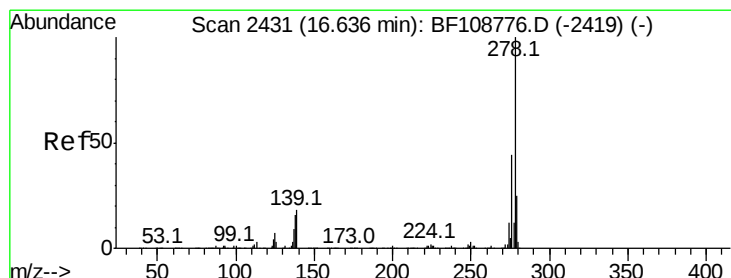
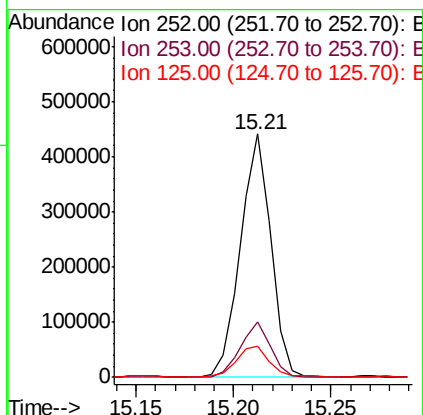
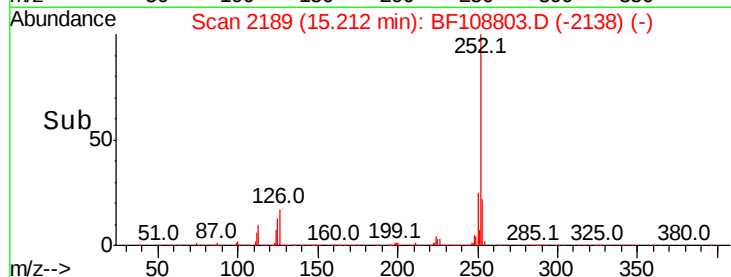
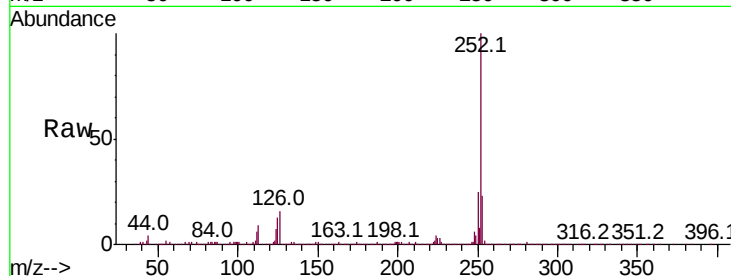
Tot Ion:252 Resp: 475655

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

125 13.0 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 24.419 ng

RT: 16.64 min Scan# 2432

Delta R.T. 0.01 min

Lab File: BF108803.D

Acq: 6 Sep 2018 4:27

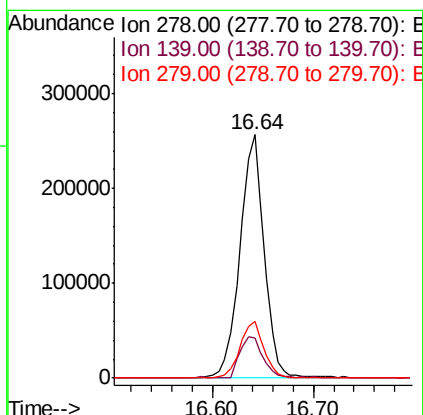
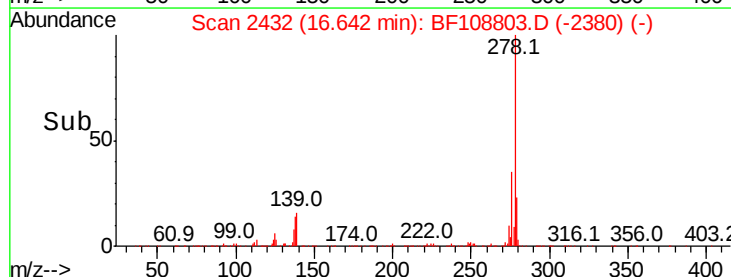
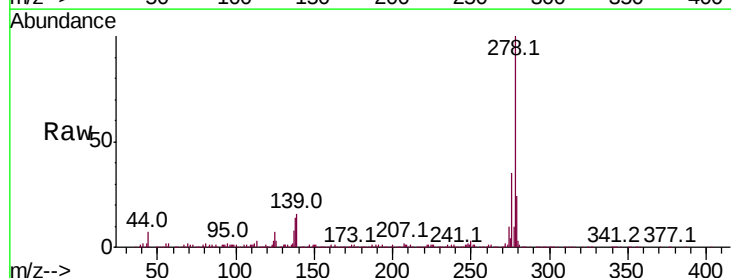
Tgt Ion:278 Resp: 423875

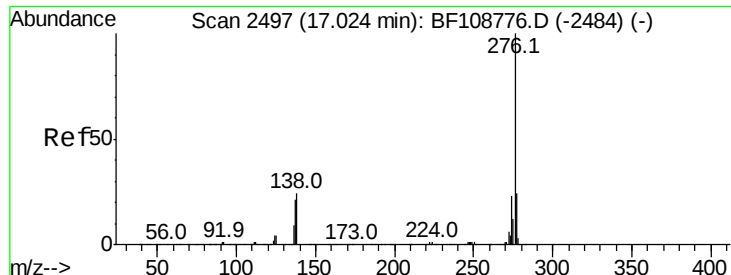
Ion Ratio Lower Upper

278 100

139 16.2 15.9 23.9

279 23.5 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 23.155 ng
 RT: 17.02 min Scan# 2497
 Delta R.T. -0.00 min
 Lab File: BF108803.D
 Acq: 6 Sep 2018 4:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	24.1	21.8	32.8

