

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106788.D
 Acq On : 25 Jun 2018 22:48
 Operator : JU/SJ
 Sample : J3241-17MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 02:11:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	50708	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	181768	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	82036	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	144912	20.00	ng	0.00
75) Chrysene-d12	14.15	240	113195	20.00	ng	-0.01
86) Perylene-d12	15.70	264	84852	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	301827	100.79	ng	0.00
7) Phenol-d6	6.61	99	373601	99.90	ng	0.00
23) Nitrobenzene-d5	7.53	82	233404	71.36	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	102401	107.70	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	417905	86.48	ng	0.00
78) Terphenyl-d14	13.08	244	439276	94.00	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.83	88	36889	23.961	ng	97
3) Pyridine	3.61	79	107676	25.788	ng	98
4) n-Nitrosodimethylamine	3.57	42	47186	26.608	ng	80
6) Aniline	6.63	93	98618	19.441	ng	# 70
8) 2-Chlorophenol	6.75	128	109888	33.456	ng	98
9) Benzaldehyde	6.52	77	78249	28.416	ng	94
10) Phenol	6.62	94	140737	32.976	ng	84
11) bis(2-Chloroethyl)ether	6.70	93	116183	32.975	ng	99
12) 1,3-Dichlorobenzene	6.90	146	128889	33.505	ng	98
13) 1,4-Dichlorobenzene	6.98	146	128268	32.980	ng	99
14) 1,2-Dichlorobenzene	7.13	146	119645	33.567	ng	98
15) Benzyl Alcohol	7.11	79	96839	32.249	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	151579	32.790	ng	62
17) 2-Methylphenol	7.22	107	91627	32.598	ng	# 88
18) Hexachloroethane	7.47	117	37879	27.696	ng	# 83
19) n-Nitroso-di-n-propylamine	7.37	70	73786	29.933	ng	92
20) 3+4-Methylphenols	7.37	107	114556	35.626	ng	# 62
22) Acetophenone	7.37	105	152578	37.520	ng	# 97
24) Nitrobenzene	7.55	77	114346	34.242	ng	99
25) Isophorone	7.78	82	207375	35.980	ng	99
26) 2-Nitrophenol	7.86	139	57180	36.273	ng	99
27) 2,4-Dimethylphenol	7.90	122	96579	39.638	ng	96
28) bis(2-Chloroethoxy)methane	7.98	93	135680	35.061	ng	99
29) 2,4-Dichlorophenol	8.11	162	94310	36.971	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	107077	38.104	ng	96
31) Naphthalene	8.27	128	306908	36.115	ng	98
32) Benzoic acid	7.98	122	6646	9.033	ng	# 87
33) 4-Chloroaniline	8.32	127	67954	19.057	ng	99
34) Hexachlorobutadiene	8.37	225	69711	38.071	ng	99
35) Caprolactam	8.68	113	30989	37.268	ng	94
36) 4-Chloro-3-methylphenol	8.81	107	89292	33.256	ng	96
37) 2-Methylnaphthalene	8.96	142	220333	39.116	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	110397	39.960	ng	# 96
42) 2,4,6-Trichlorophenol	9.24	196	64755	35.261	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

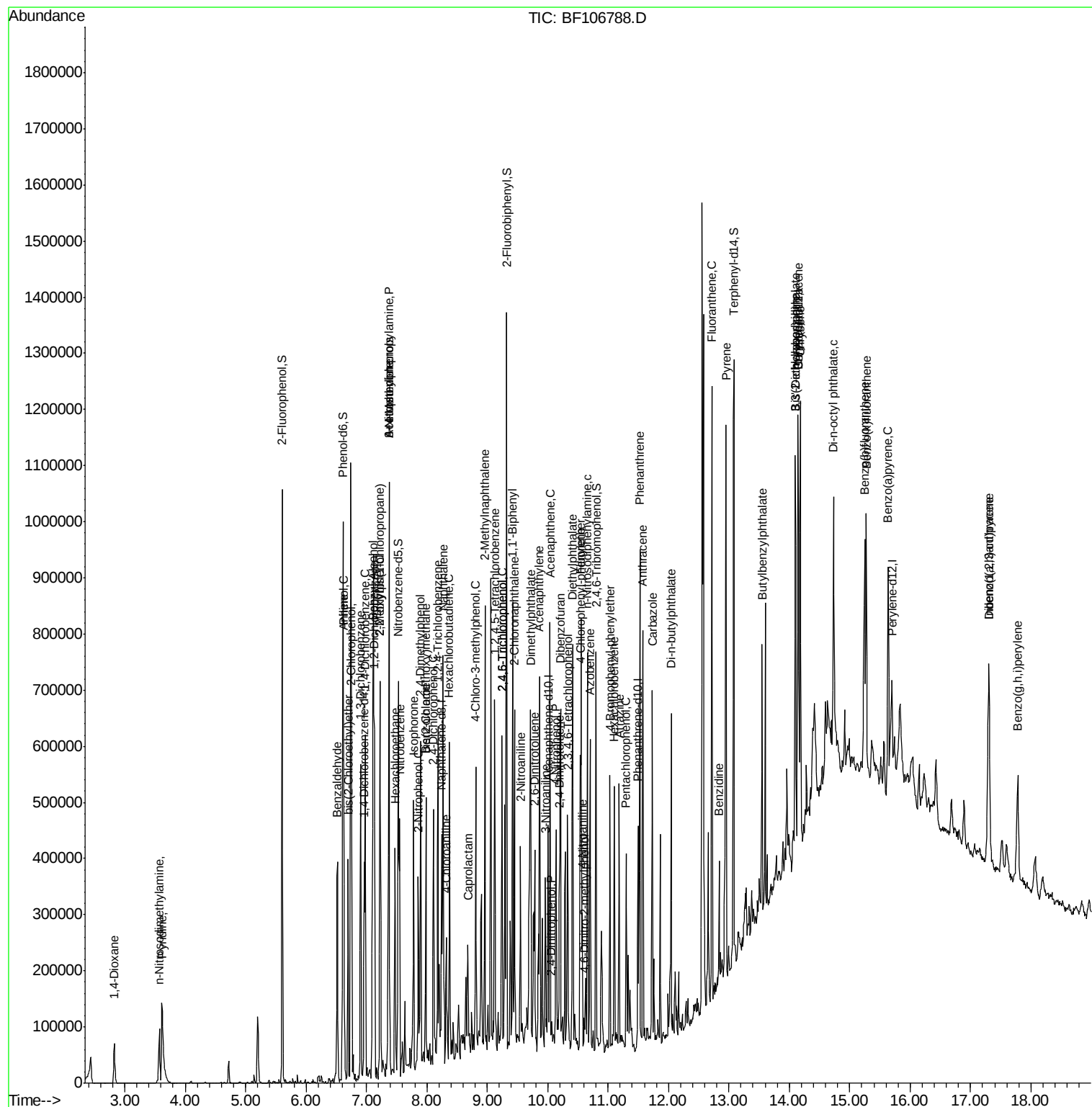
43) 2,4,5-Trichlorophenol	9.24	196	64755	33.792	nq	92
45) 1,1'-Biphenyl	9.42	154	252769	38.662	nq	98
46) 2-Chloronaphthalene	9.45	162	180089	34.994	nq	97
47) 2-Nitroaniline	9.55	65	57491	33.222	nq	97
48) Acenaphthylene	9.87	152	283980	34.952	nq	99
49) Dimethylphthalate	9.72	163	277238	45.059	nq	99
50) 2,6-Dinitrotoluene	9.79	165	45550	34.961	nq #	81
51) Acenaphthene	10.04	154	170647	33.353	nq	98
52) 3-Nitroaniline	9.96	138	43849	29.247	nq	96
53) 2,4-Dinitrophenol	10.07	184	6244	13.954	nq #	19
54) Dibenzofuran	10.21	168	256986	36.682	nq	94
55) 4-Nitrophenol	10.14	139	57347	54.798	nq	99
56) 2,4-Dinitrotoluene	10.20	165	56461	33.200	nq #	82
57) Fluorene	10.55	166	200341	36.037	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	55472	36.417	nq #	78
59) Diethylphthalate	10.41	149	193696	32.617	nq #	93
60) 4-Chlorophenyl-phenylether	10.54	204	103433	35.559	nq #	83
61) 4-Nitroaniline	10.58	138	45027	30.261	nq	93
62) Azobenzene	10.70	77	174477	29.836	nq	93
64) 4,6-Dinitro-2-methylphenol	10.61	198	7894	8.813	nq #	80
65) n-Nitrosodiphenylamine	10.66	169	171014	35.086	nq	100
66) 4-Bromophenyl-phenylether	11.03	248	66620	38.521	nq #	83
67) Hexachlorobenzene	11.10	284	67684	37.392	nq #	87
68) Atrazine	11.18	200	58400	37.689	nq	94
69) Pentachlorophenol	11.30	266	46290	51.253	nq	97
70) Phenanthrene	11.52	178	359050	51.371	nq	98
71) Anthracene	11.57	178	302851	42.451	nq	99
72) Carbazole	11.73	167	247861	37.109	nq	98
73) Di-n-butylphthalate	12.04	149	277699	35.291	nq	98
74) Fluoranthene	12.72	202	481044	62.443	nq	95
76) Benzidine	12.84	184	85331	26.469	nq	97
77) Pyrene	12.95	202	471393	63.152	nq	100
79) Butylbenzylphthalate	13.55	149	112908	36.790	nq #	94
80) Benzo(a)anthracene	14.15	228	343451	49.783	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	68328	28.180	nq #	97
82) Chrysene	14.18	228	316970	49.941	nq	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	150039	38.240	nq #	95
84) Di-n-octyl phthalate	14.74	149	246114	38.481	nq #	91
85) Indeno(1,2,3-cd)pyrene	17.30	276	223736	41.539	nq #	87
87) Benzo(b)fluoranthene	15.25	252	285727	54.208	nq #	94
88) Benzo(k)fluoranthene	15.28	252	206694	41.178	nq #	96
89) Benzo(a)pyrene	15.64	252	238355	50.868	nq #	96
90) Dibenzo(a,h)anthracene	17.31	278	157417	39.640	nq #	93
91) Benzo(g,h,i)perylene	17.78	276	197155	50.794	nq #	89

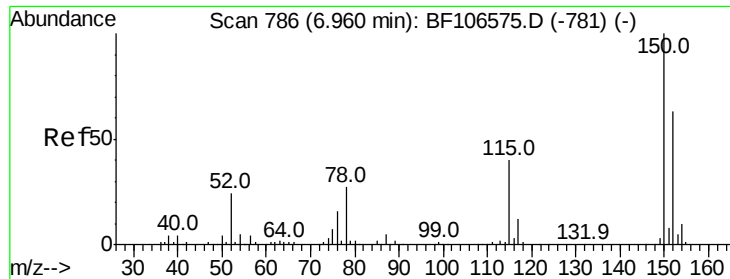
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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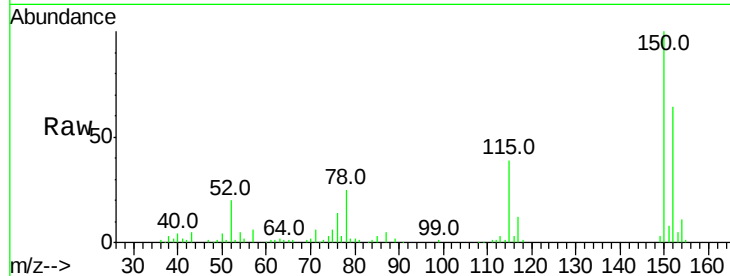


#1

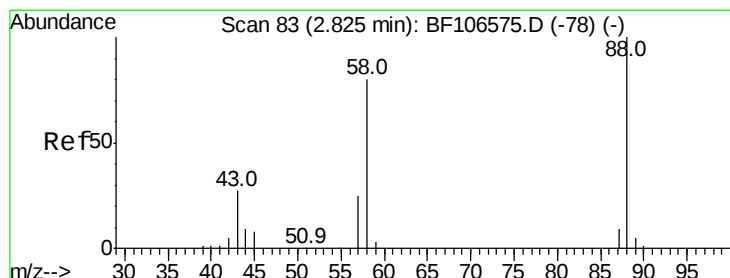
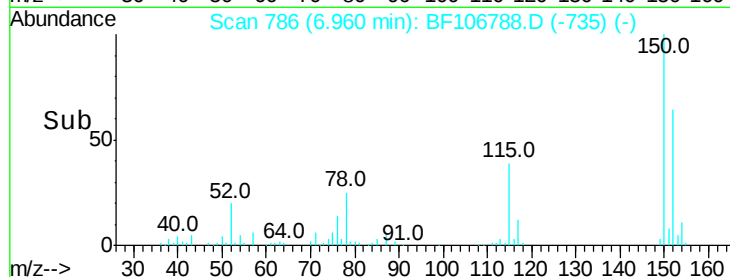
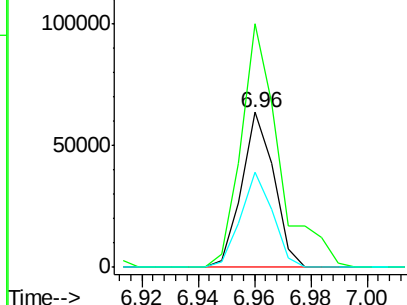
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 50708
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 61.5 50.1 75.1



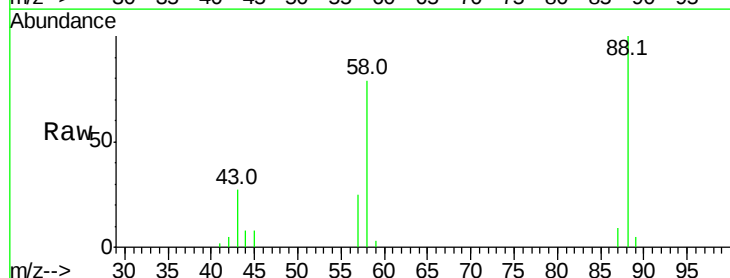
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



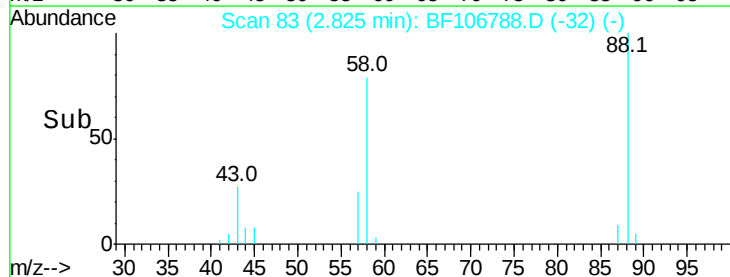
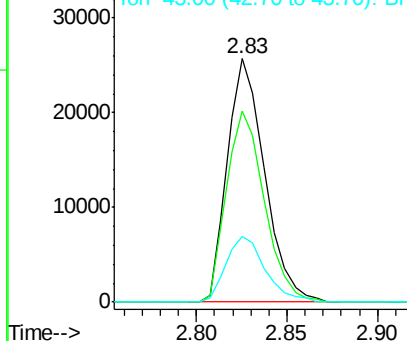
#2

1,4-Dioxane
Concen: 23.961 ng
RT: 2.83 min Scan# 83
Delta R.T. 0.00 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Tgt Ion: 88 Resp: 36889
Ion Ratio Lower Upper
88 100
58 79.7 62.6 93.8
43 28.3 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: 25.788 ng

RT: 3.61 min Scan# 217

Delta R.T. 0.01 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

Instrument :

BNA_F

ClientSampleId :

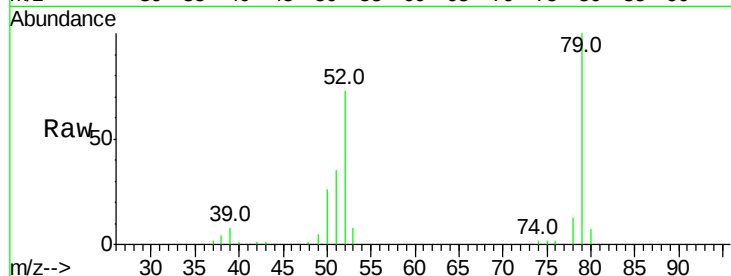
Tot Ion: 79 Resp: 107676

Ion Ratio Lower Upper

79 100

52 73.2 59.8 89.6

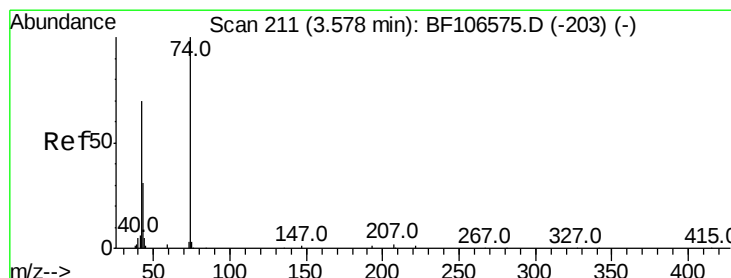
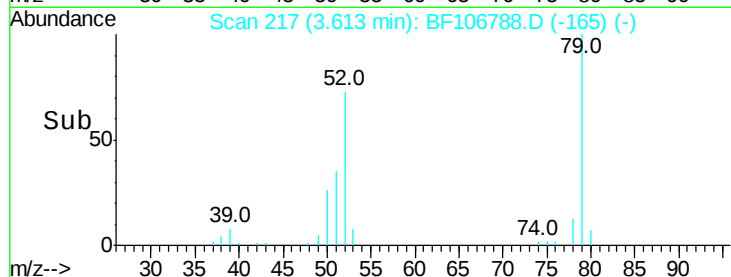
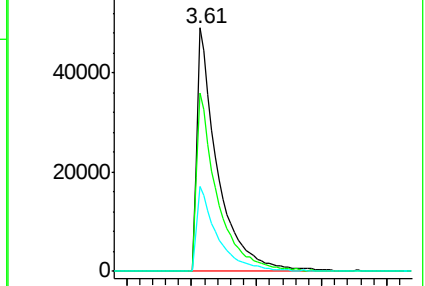
51 35.0 29.8 44.8



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: 26.608 ng

RT: 3.57 min Scan# 210

Delta R.T. -0.02 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

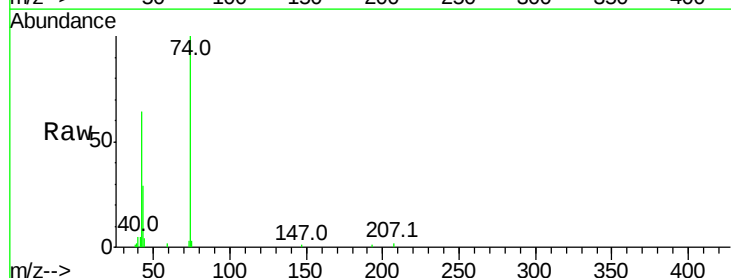
Tgt Ion: 42 Resp: 47186

Ion Ratio Lower Upper

42 100

74 155.8 104.9 157.3

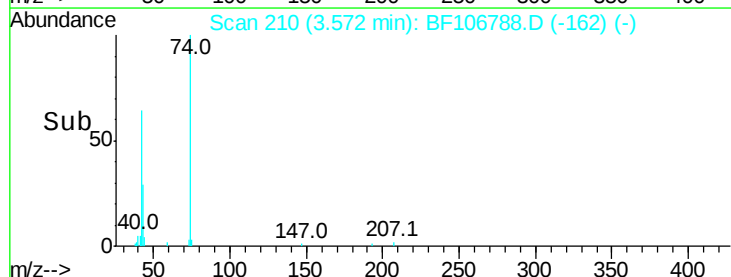
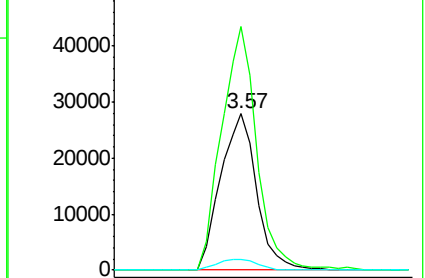
44 7.0 6.9 10.3

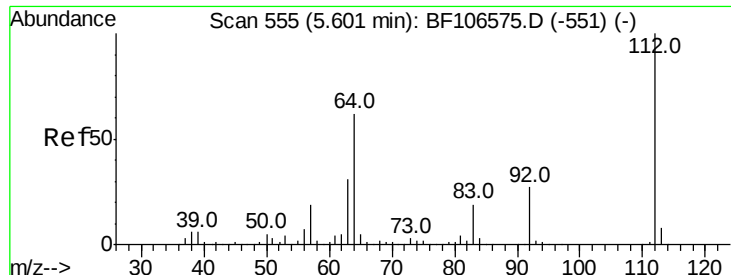


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 100.791 ng

RT: 5.61 min Scan# 556

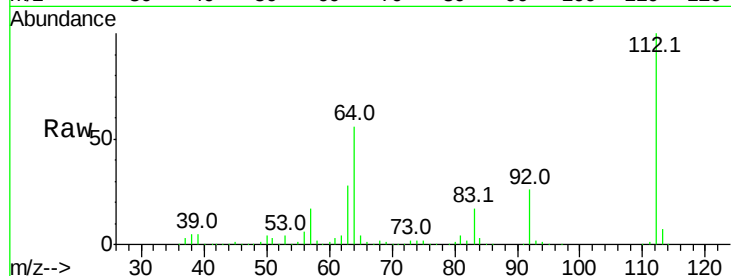
Delta R.T. 0.01 min

Lab File: BF106788.D

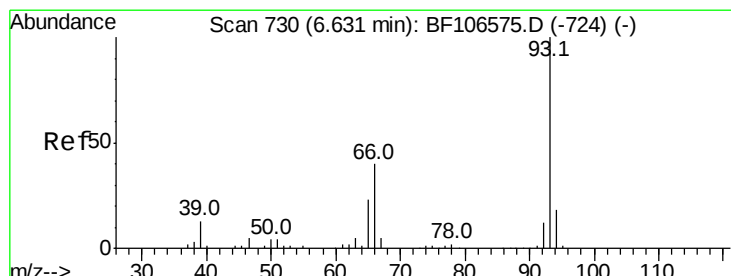
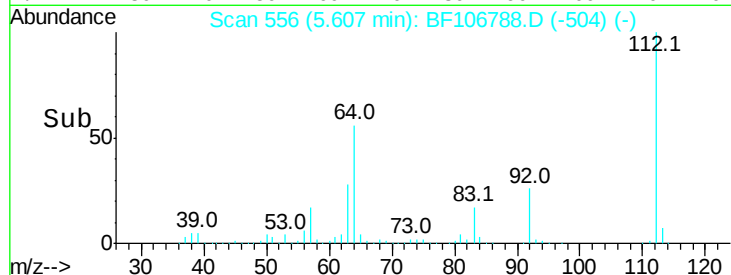
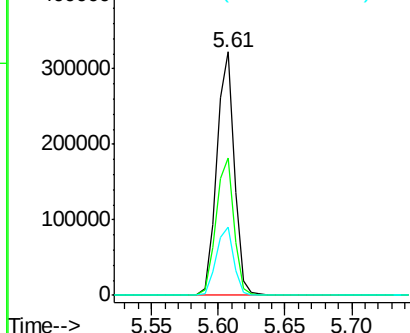
Acq: 25 Jun 2018 22:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	301827
Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.9	71.9
63	27.9	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.441 ng

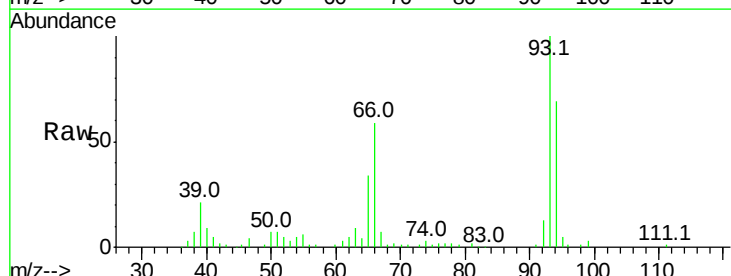
RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

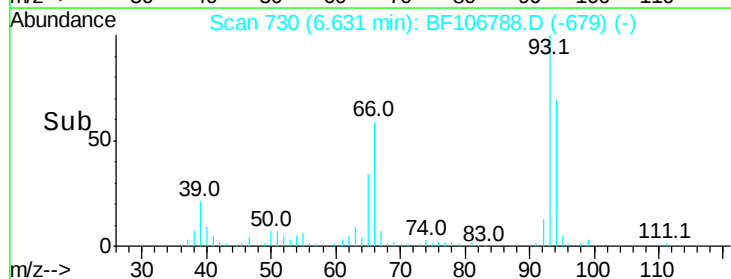
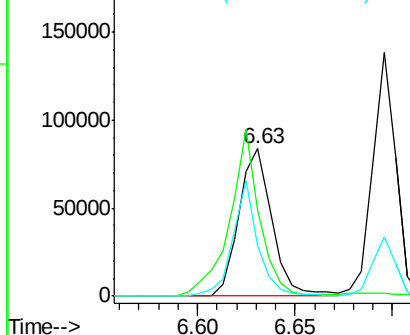
Lab File: BF106788.D

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Tgt Ion:	93	Resp:	98618
Ion	Ratio	Lower	Upper
93	100		
66	58.7	32.2	48.2#
65	34.0	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.902 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

Instrument :

BNA_F

ClientSampleId :

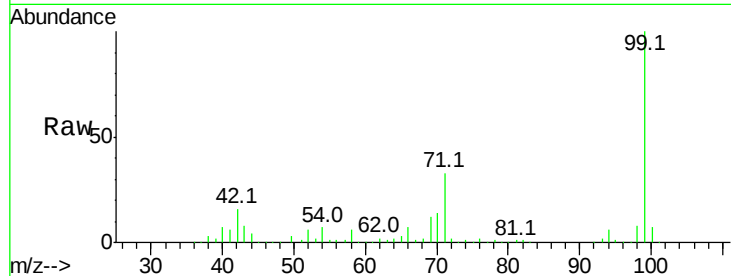
Tot Ion: 99 Resp: 373601

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

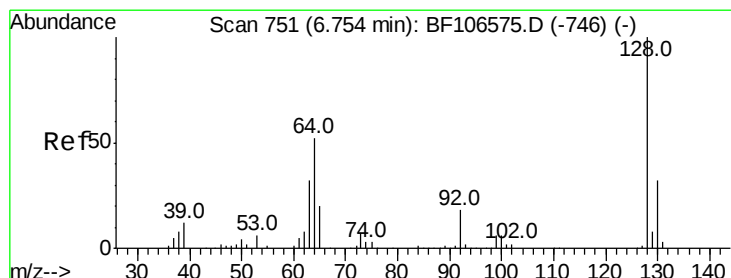
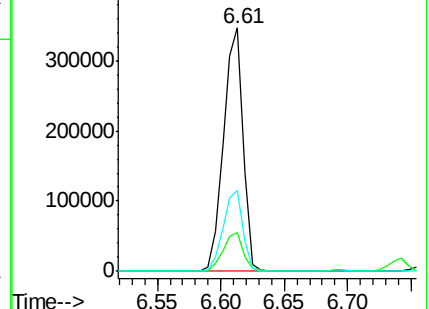
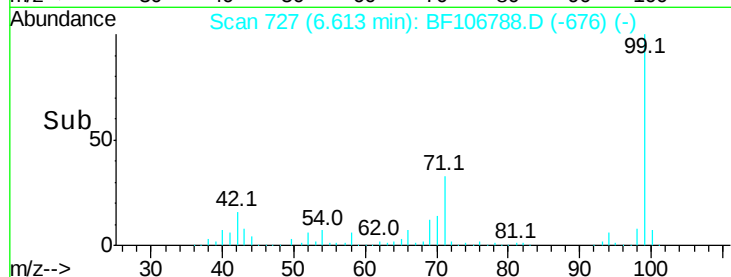
71 33.2 25.4 38.0



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: 33.456 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.01 min

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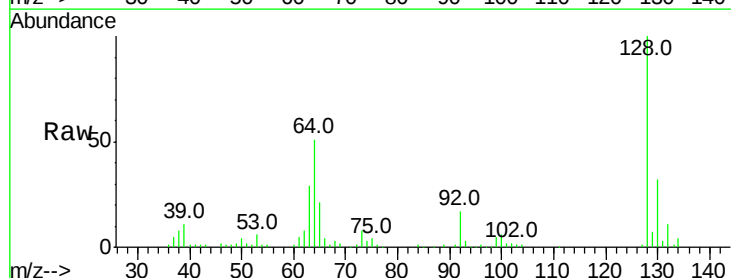
Tgt Ion: 128 Resp: 109888

Ion Ratio Lower Upper

128 100

130 31.5 13.0 53.0

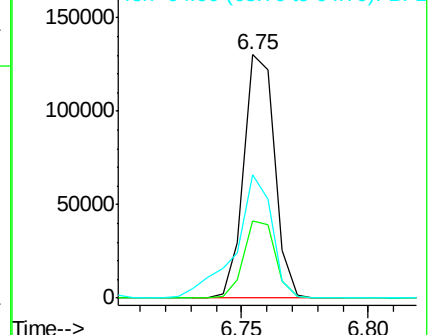
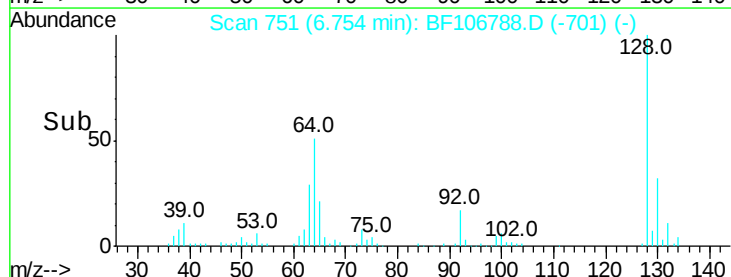
64 50.8 29.4 69.4

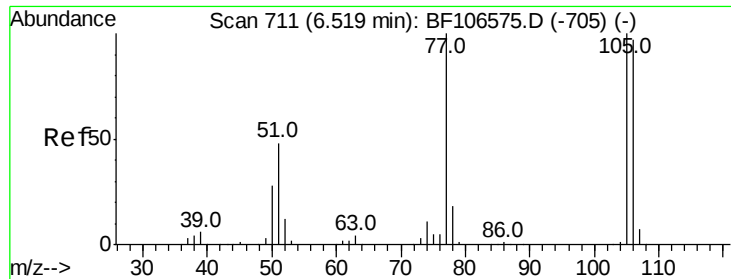


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 28.416 ng

RT: 6.52 min Scan# 711

Delta R.T. 0.00 min

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ClientSampled :

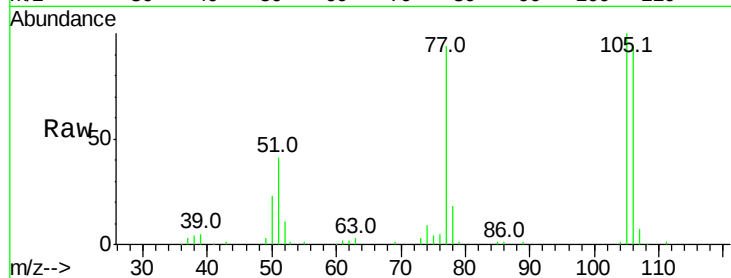
Tot Ion: 77 Resp: 78249

Ion Ratio Lower Upper

77 100

105 106.9 81.1 121.1

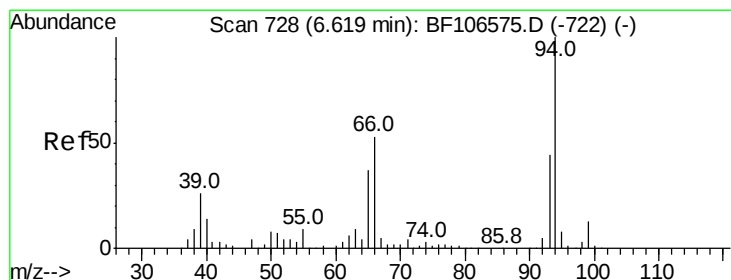
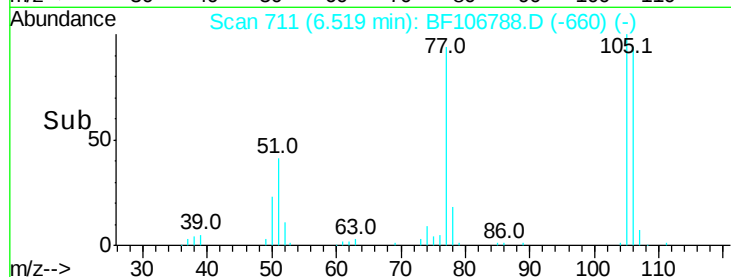
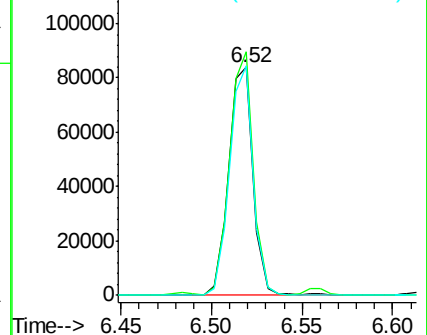
106 100.9 74.5 114.5



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: 32.976 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.00 min

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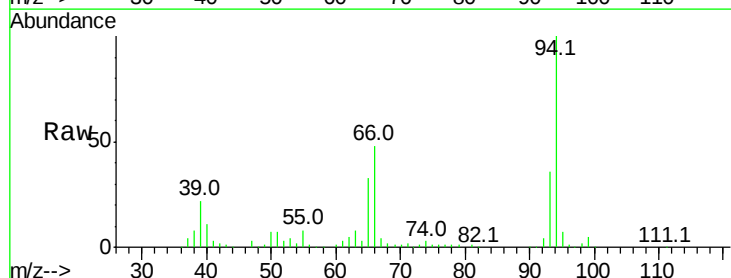
Tgt Ion: 94 Resp: 140737

Ion Ratio Lower Upper

94 100

65 33.1 7.9 47.9

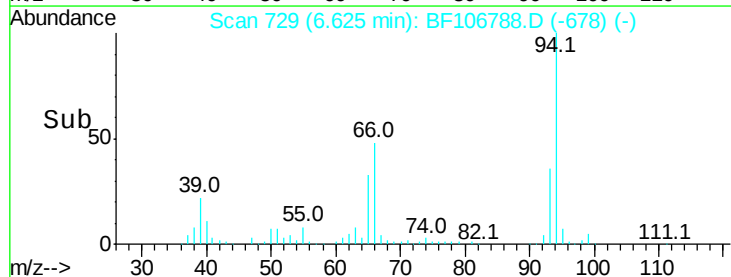
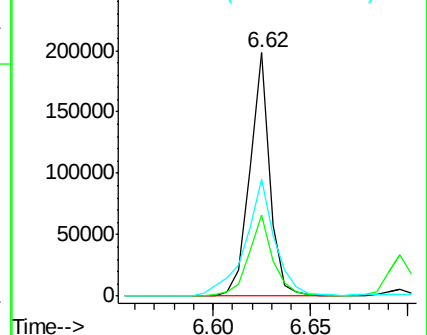
66 47.9 16.2 56.2



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: 32.975 ng

RT: 6.70 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

Instrument :

BNA_F

ClientSampleId :

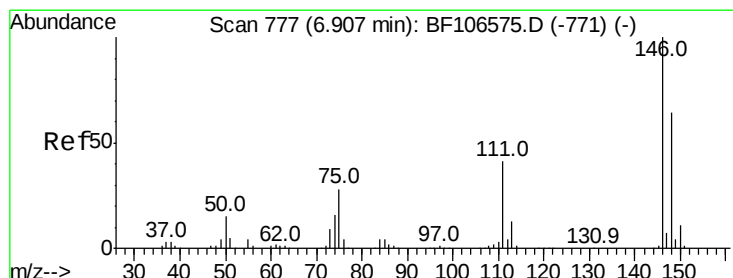
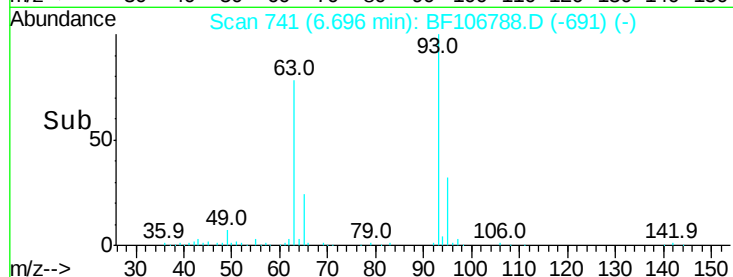
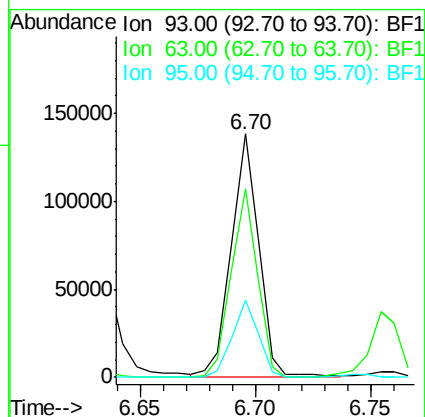
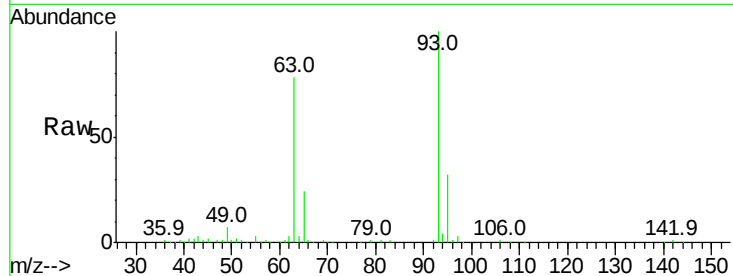
Tot Ion: 93 Resp: 116183

Ion Ratio Lower Upper

93 100

63 77.6 58.6 98.6

95 31.9 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 33.505 ng

RT: 6.90 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

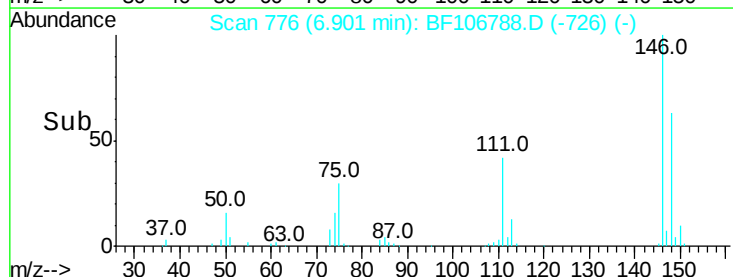
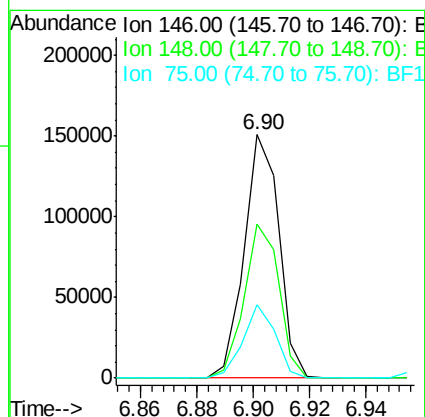
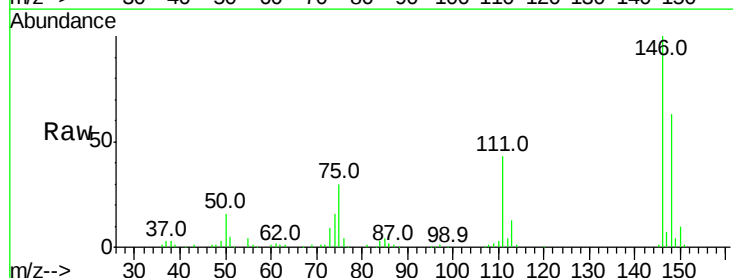
Tgt Ion:146 Resp: 128889

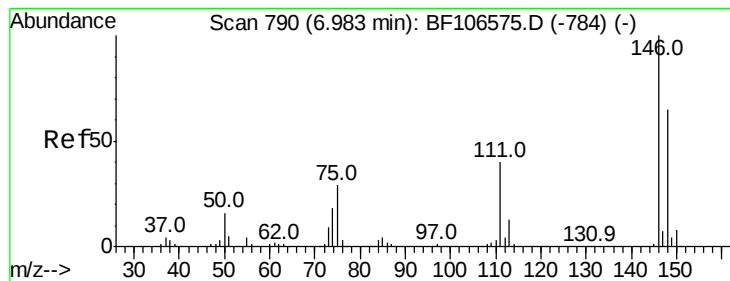
Ion Ratio Lower Upper

146 100

148 63.1 51.8 77.8

75 30.1 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 32.980 ng

RT: 6.98 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

Instrument :

BNA_F

ClientSampleId :

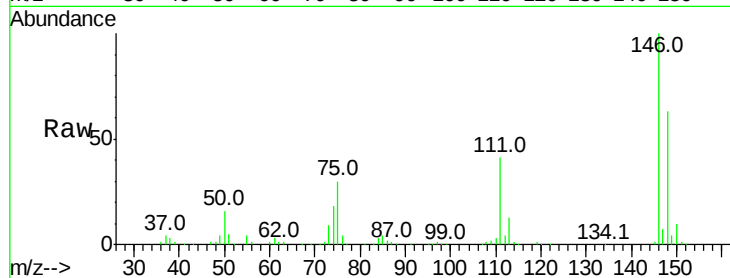
Tot Ion:146 Resp: 128268

Ion Ratio Lower Upper

146 100

148 63.2 50.8 76.2

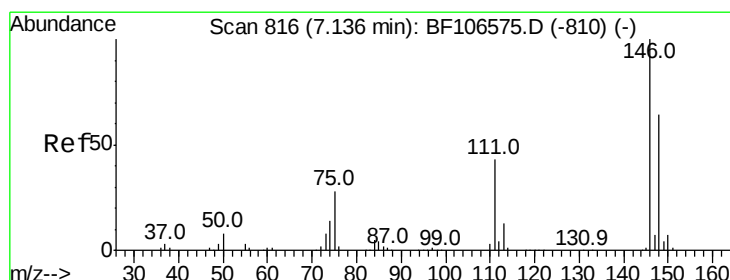
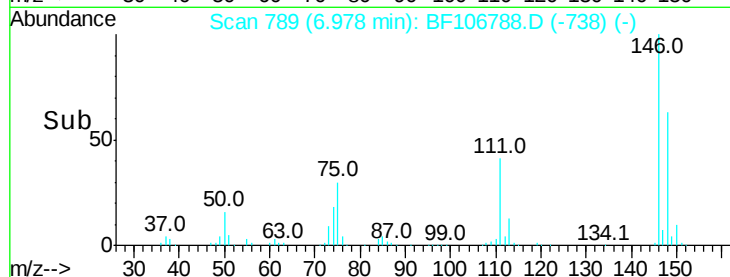
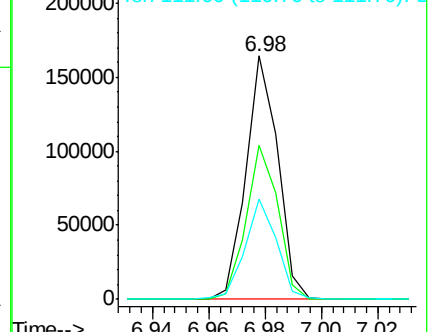
111 40.9 34.2 51.2



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: 33.567 ng

RT: 7.13 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

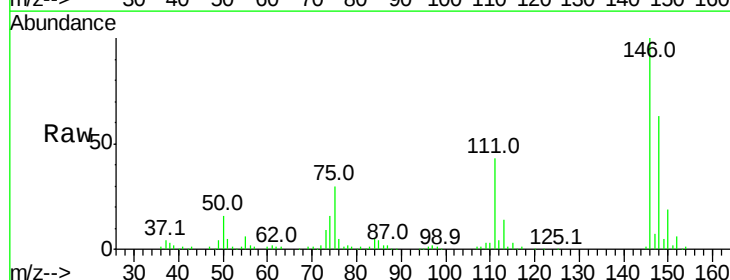
Tgt Ion:146 Resp: 119645

Ion Ratio Lower Upper

146 100

148 63.0 50.6 75.8

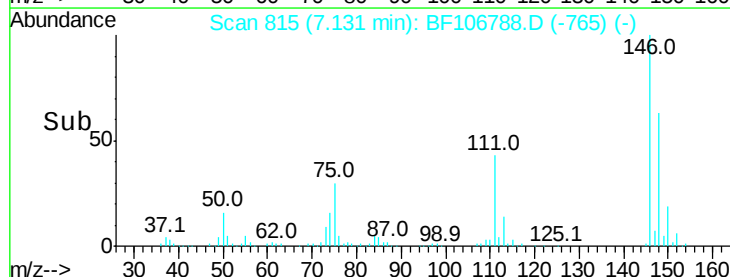
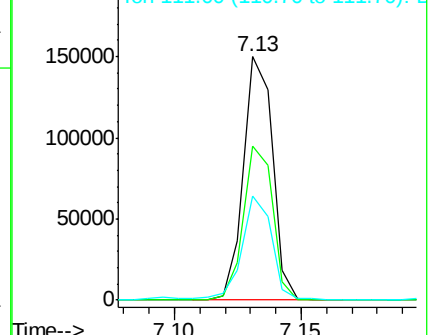
111 42.6 36.0 54.0



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

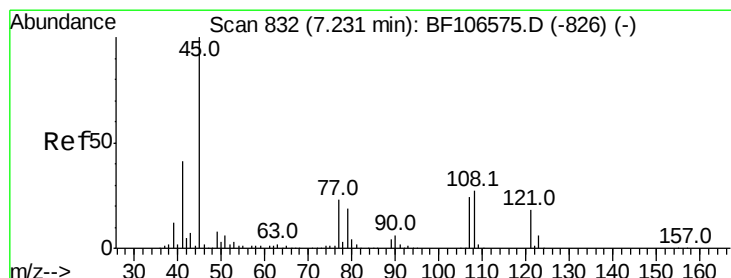
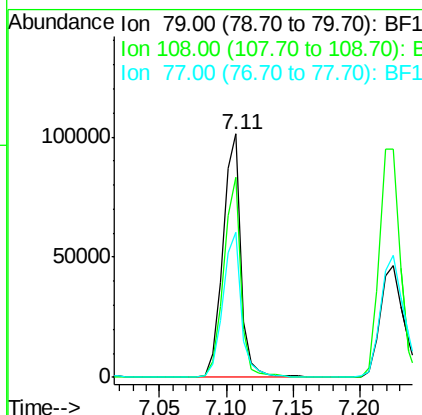
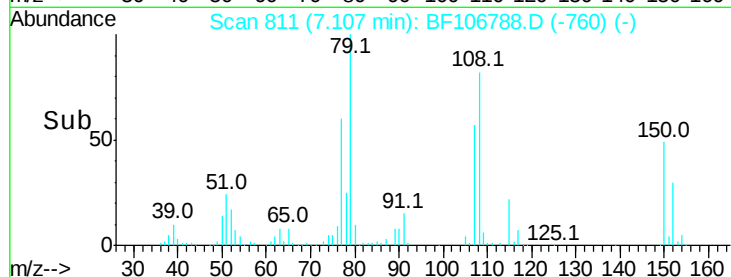
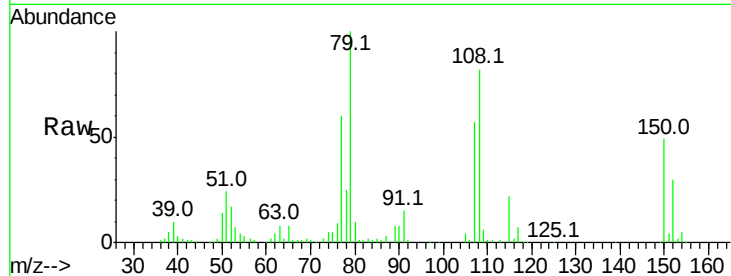




#15
Benzyl Alcohol
Concen: 32.249 ng
RT: 7.11 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

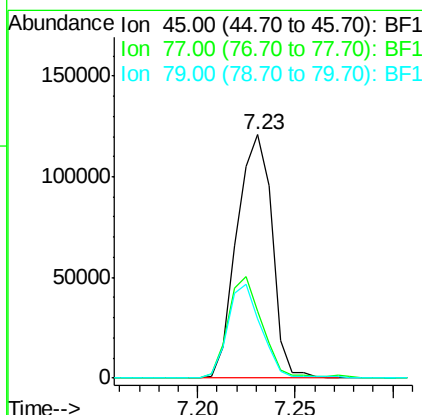
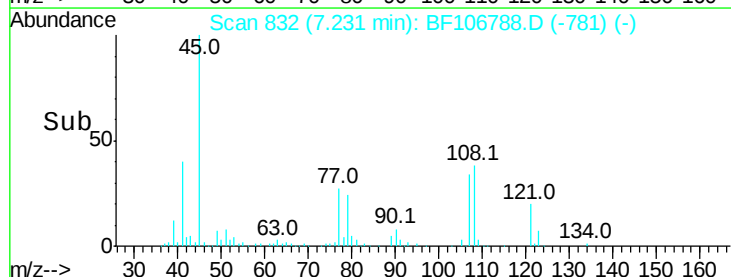
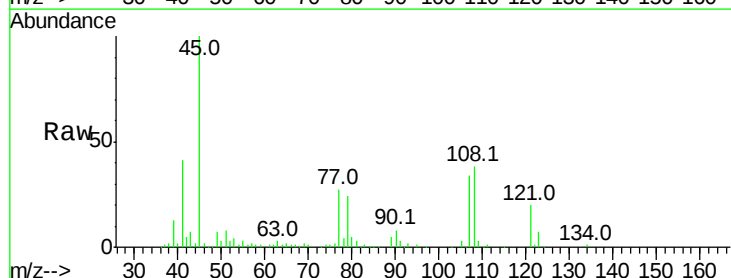
Instrument :
BNA_F
ClientSampleId :

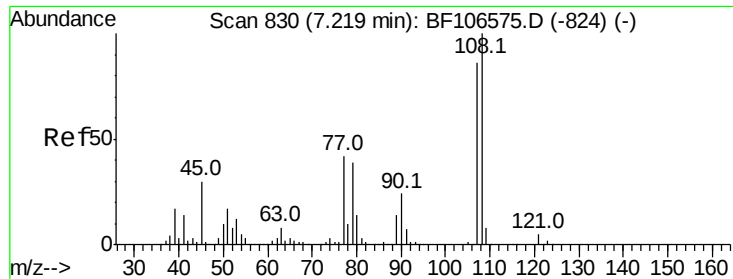
Tot Ion: 79 Resp: 96839
Ion Ratio Lower Upper
79 100
108 82.1 65.1 97.7
77 59.7 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 32.790 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Tgt Ion: 45 Resp: 151579
Ion Ratio Lower Upper
45 100
77 27.4 0.0 32.9
79 24.2 0.0 29.6





#17

2-Methylphenol

Concen: 32.598 ng

RT: 7.22 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 91627

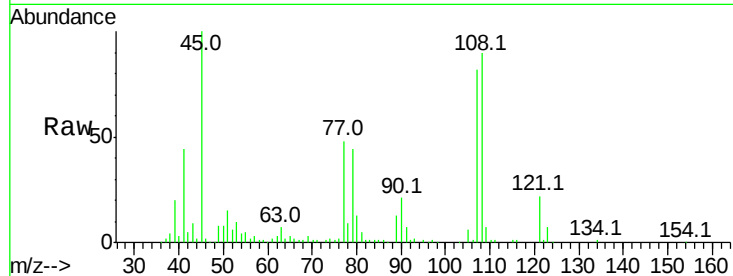
Ion Ratio Lower Upper

107 100

108 110.6 91.7 137.5

77 58.9 33.8 50.8#

79 54.2 33.8 50.8#

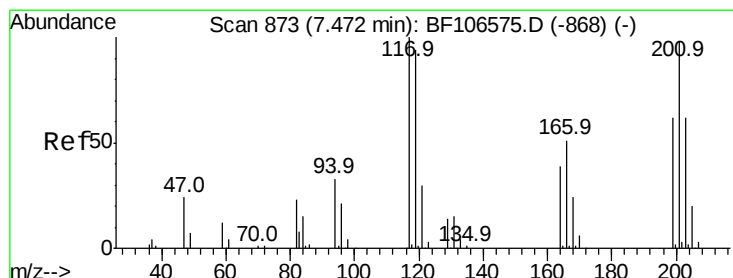
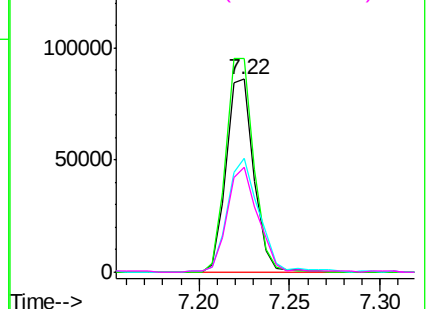
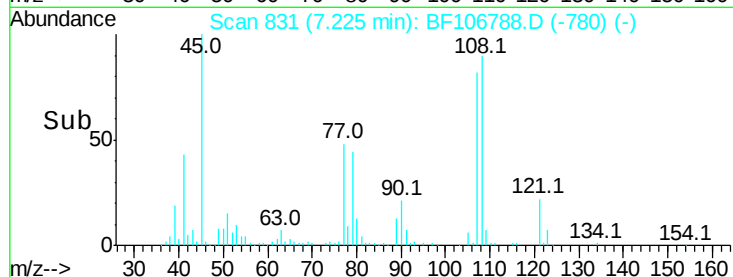


Abundance Ion 107.00 (106.70 to 107.70): E

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: 27.696 ng

RT: 7.47 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

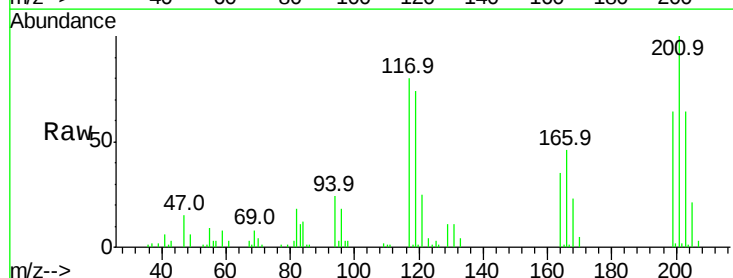
Tgt Ion:117 Resp: 37879

Ion Ratio Lower Upper

117 100

119 93.0 75.8 113.8

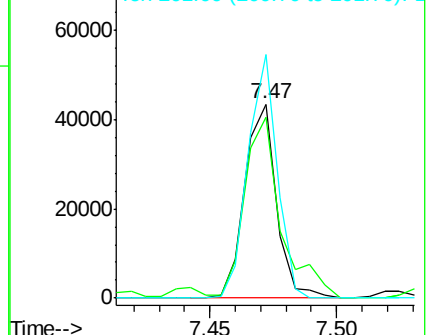
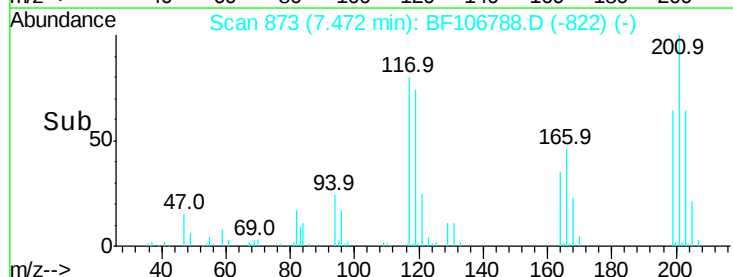
201 125.3 75.7 113.5#



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

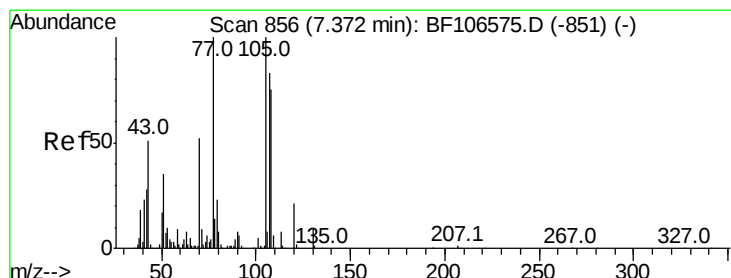
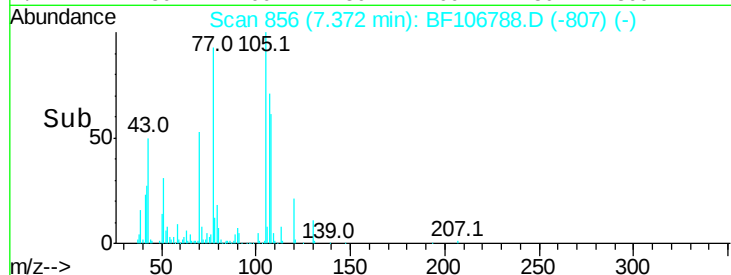
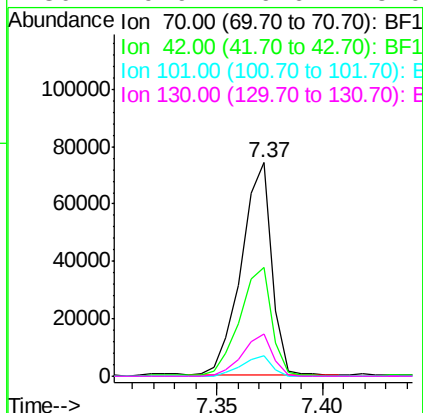
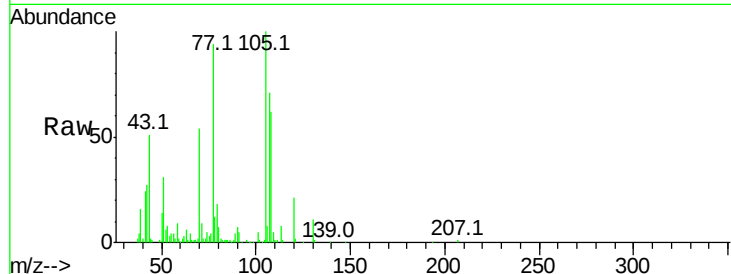




#19
n-Nitroso-di-n-propylamine
Concen: 29.933 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

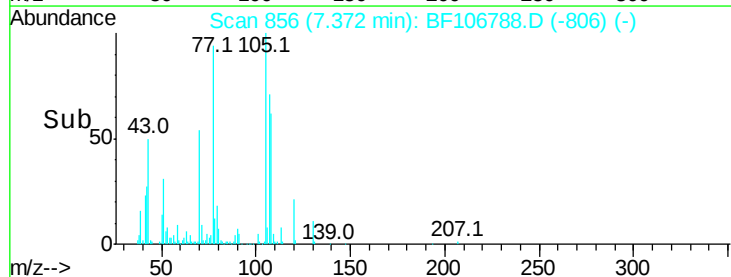
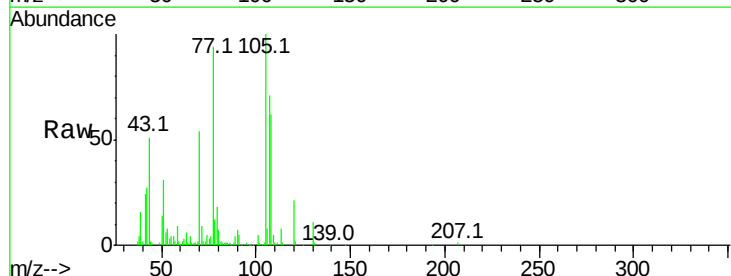
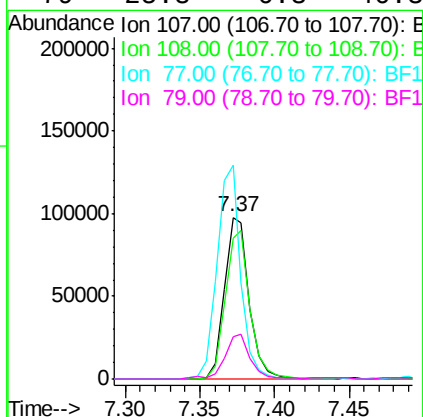
Instrument :
BNA_F
ClientSampleId :

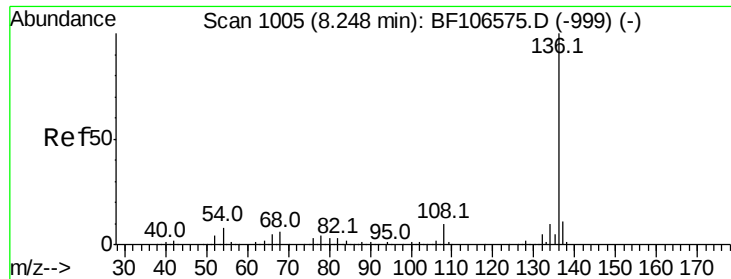
Tot Ion	70	Resp	73786
Ion Ratio	Lower	Upper	
70	100		
42	50.8	47.5	71.3
101	9.7	7.4	11.2
130	19.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.626 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Tgt Ion	107	Resp	114556
Ion Ratio	Lower	Upper	
107	100		
108	86.8	68.2	108.2
77	132.0	26.7	66.7#
79	25.8	6.3	46.3

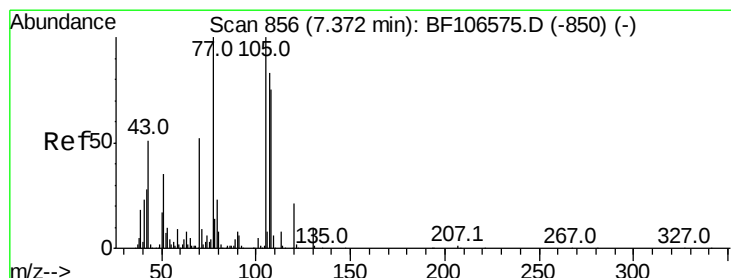
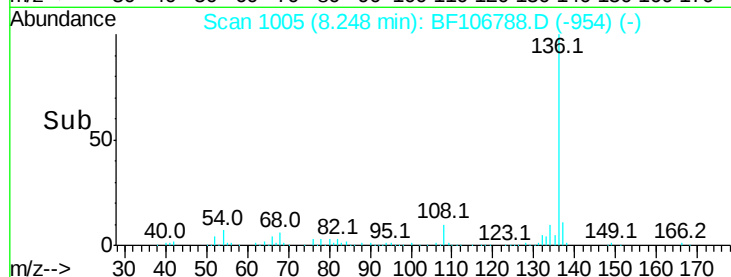
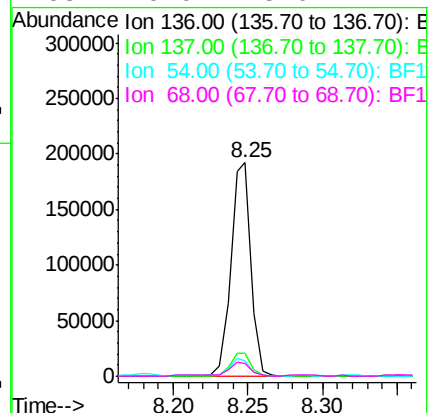
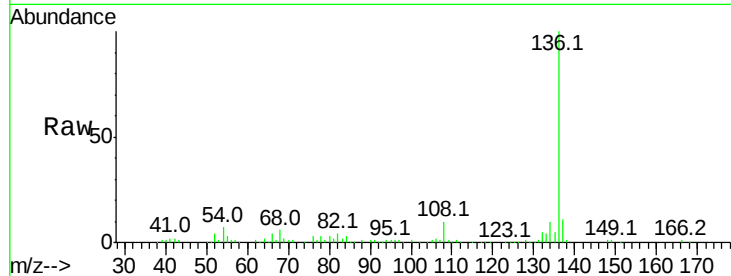




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

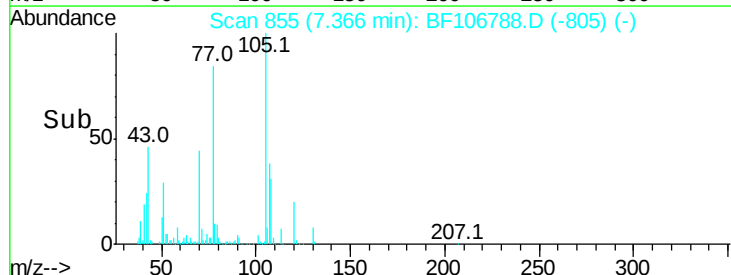
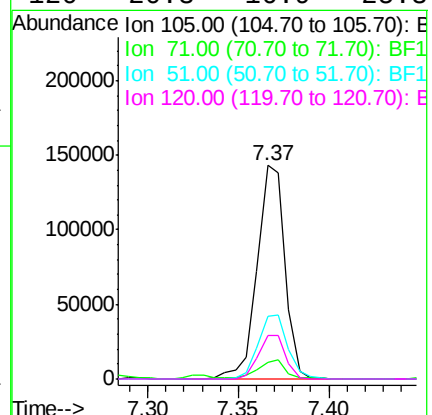
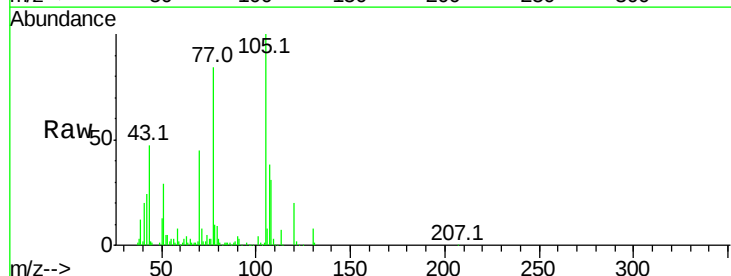
Instrument :
BNA_F
ClientSampleId :

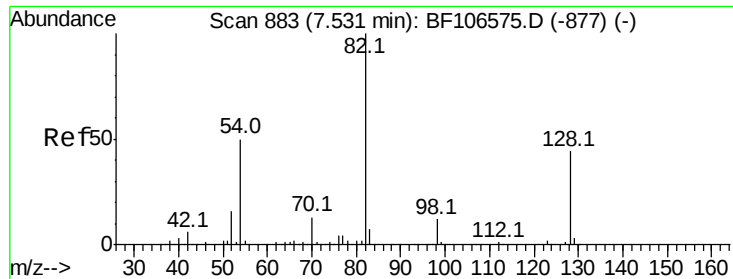
Tot Ion:136	Resp:	181768
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.9	13.3
54 7.1	6.6	9.8
68 6.0	5.0	7.4



#22
Acetophenone
Concen: 37.520 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Tgt	Ion:105	Resp:	152578
Ion	Ratio	Lower	Upper
105	100		
71	7.7	4.4	6.6#
51	29.4	22.3	33.5
120	20.3	16.9	25.3

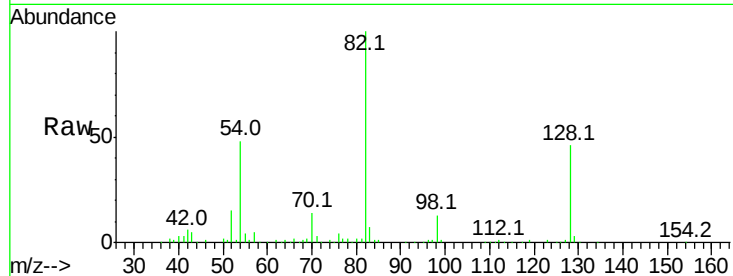




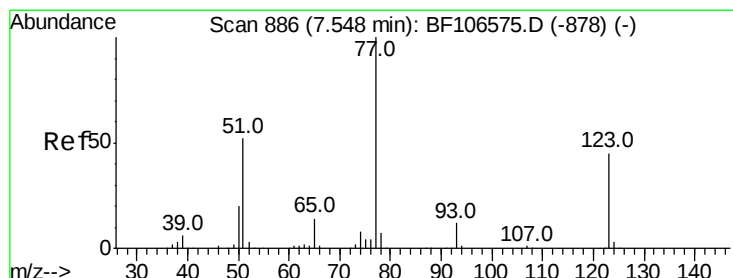
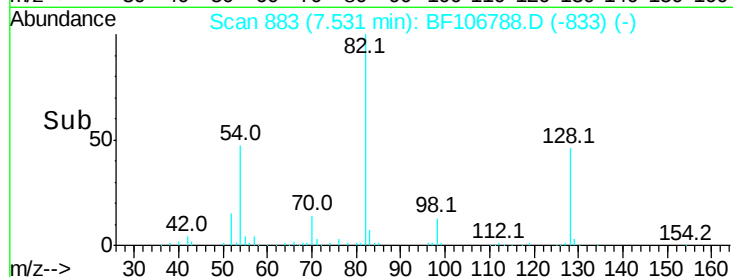
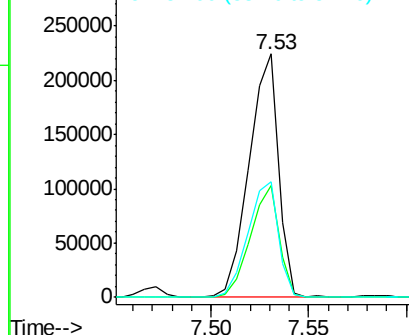
#23
Nitrobenzene-d5
Concen: 71.361 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 233404
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 47.6 41.4 62.2

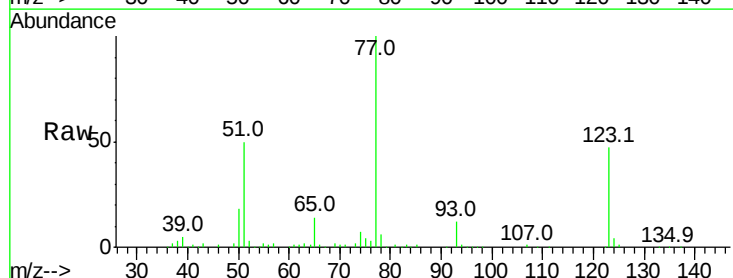


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

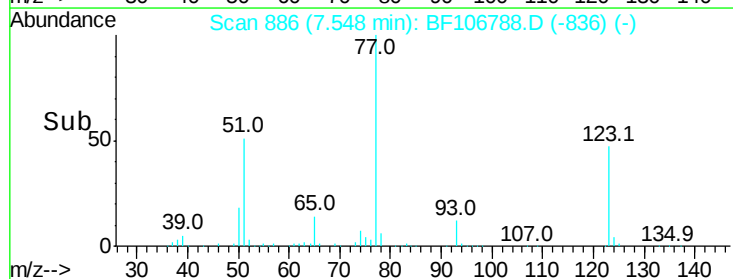
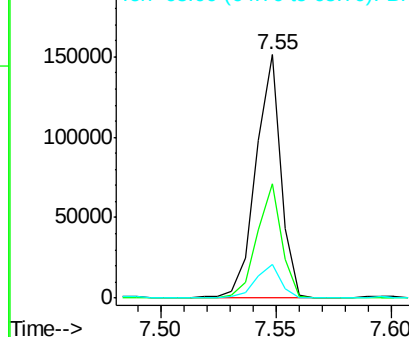


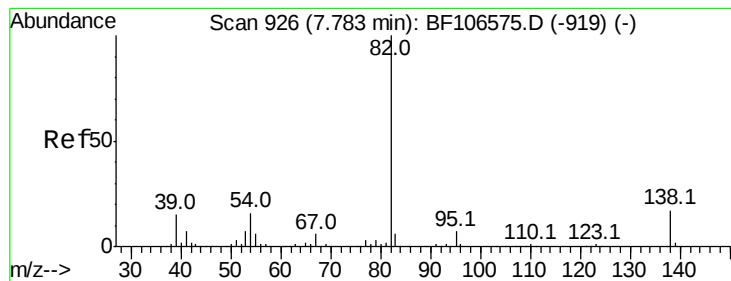
#24
Nitrobenzene
Concen: 34.242 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Tgt Ion: 77 Resp: 114346
Ion Ratio Lower Upper
77 100
123 47.0 37.9 56.9
65 13.6 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: 35.980 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

Instrument :

BNA_F

ClientSampled :

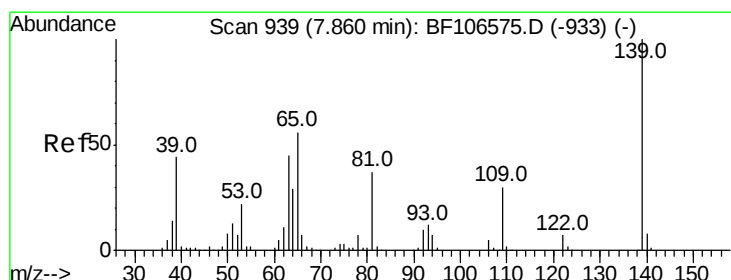
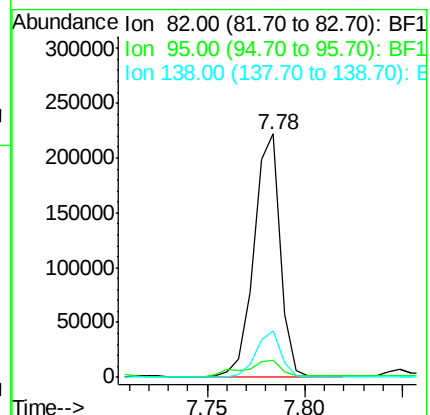
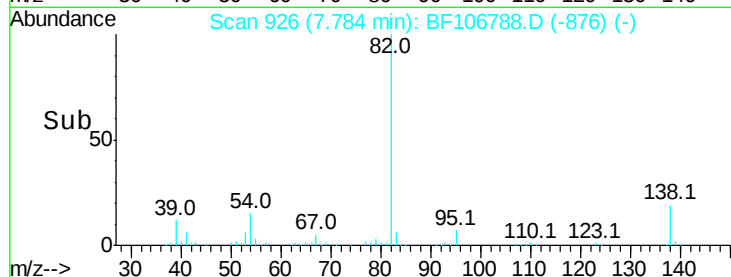
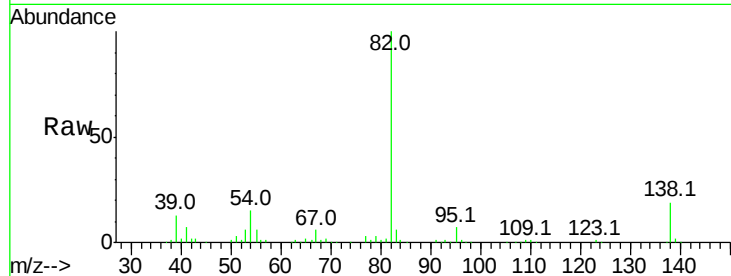
Tot Ion: 82 Resp: 207375

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

138 19.2 14.9 22.3



#26

2-Nitrophenol

Concen: 36.273 ng

RT: 7.86 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

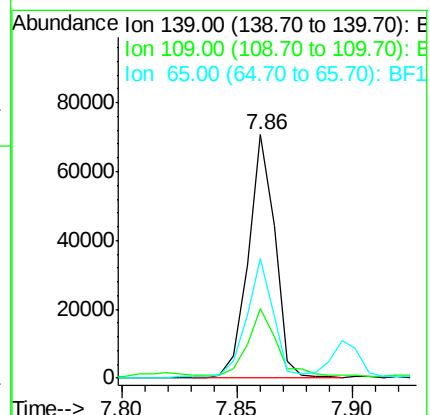
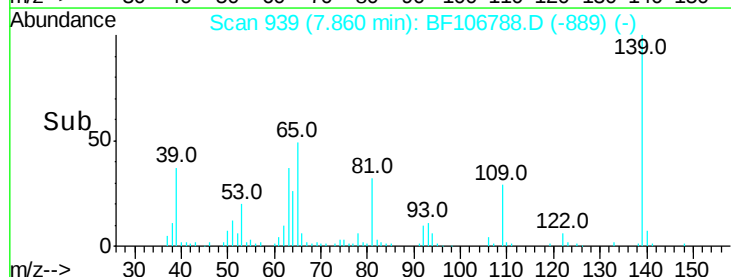
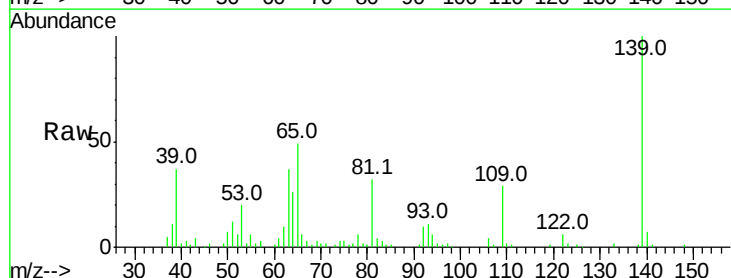
Tgt Ion: 139 Resp: 57180

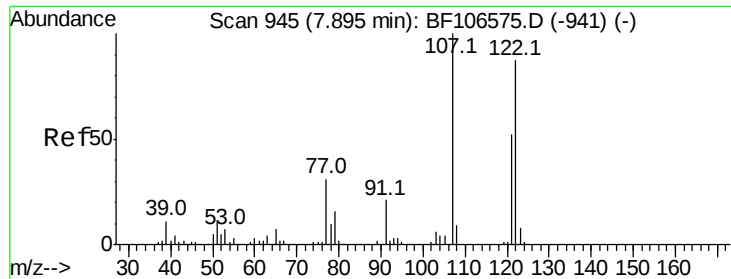
Ion Ratio Lower Upper

139 100

109 28.6 22.7 34.1

65 49.2 40.5 60.7

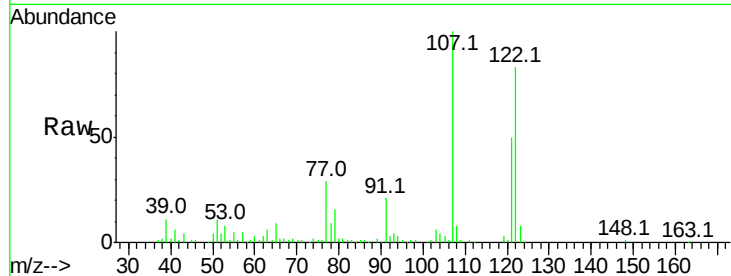




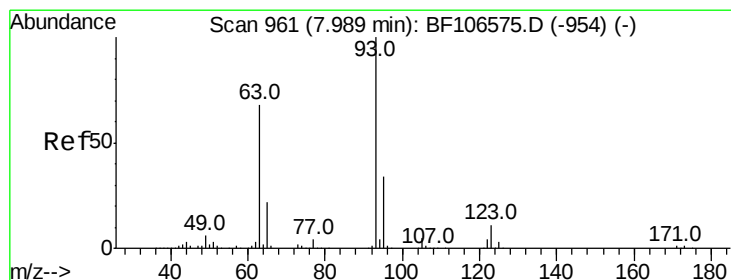
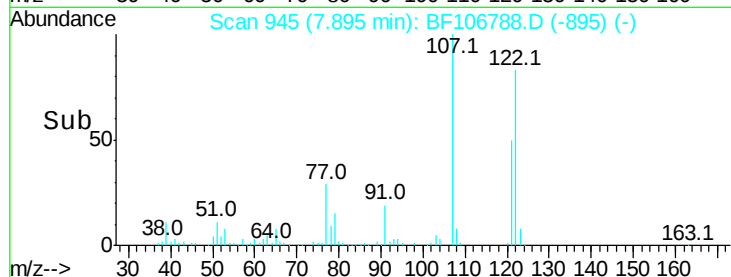
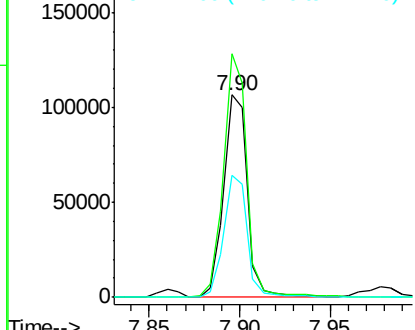
#27
2,4-Dimethylphenol
Concen: 39.638 ng
RT: 7.90 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 96579
Ion Ratio Lower Upper
122 100
107 120.2 91.2 136.8
121 60.0 47.2 70.8

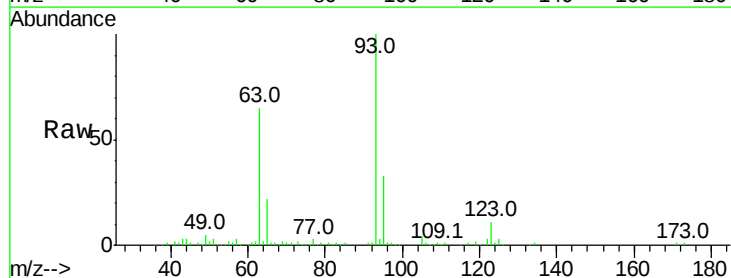


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

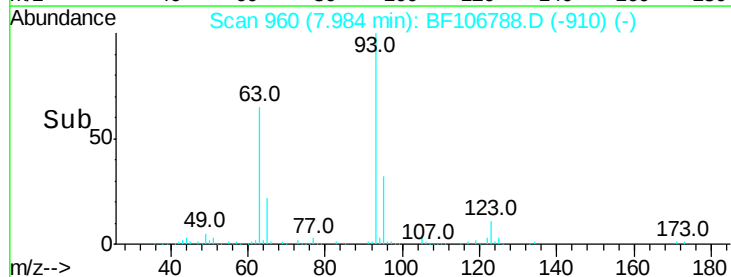
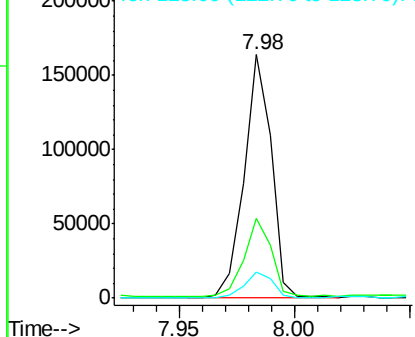


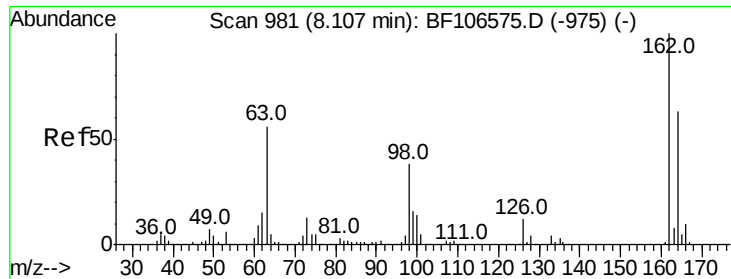
#28
bis(2-Chloroethoxy)methane
Concen: 35.061 ng
RT: 7.98 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Tgt Ion: 93 Resp: 135680
Ion Ratio Lower Upper
93 100
95 32.6 26.3 39.5
123 10.8 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

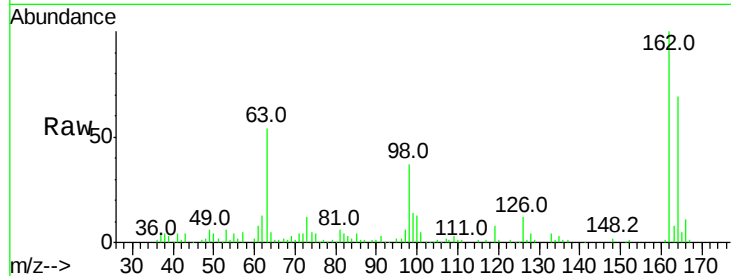




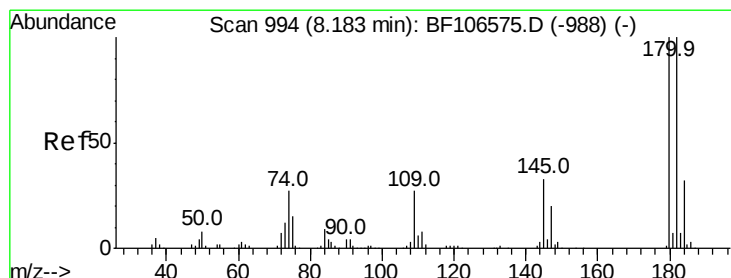
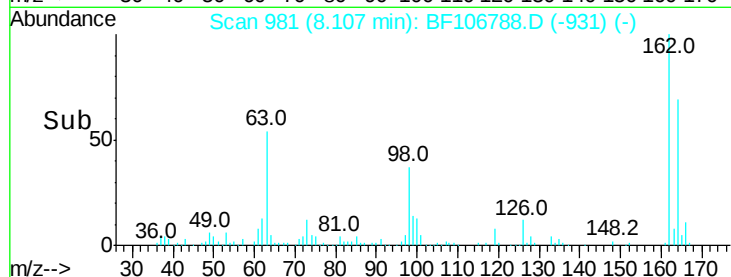
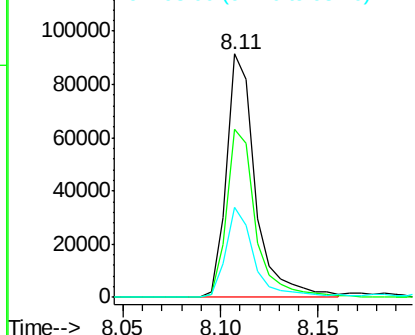
#29
 2,4-Dichlorophenol
 Concen: 36.971 ng
 RT: 8.11 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF106788.D
 Acq: 25 Jun 2018 22:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 94310
 Ion Ratio Lower Upper
 162 100
 164 69.2 42.7 82.7
 98 37.1 18.1 58.1

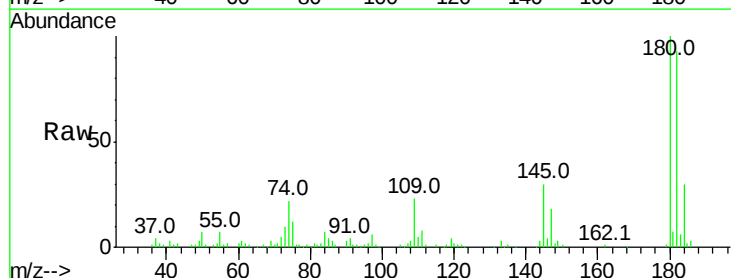


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

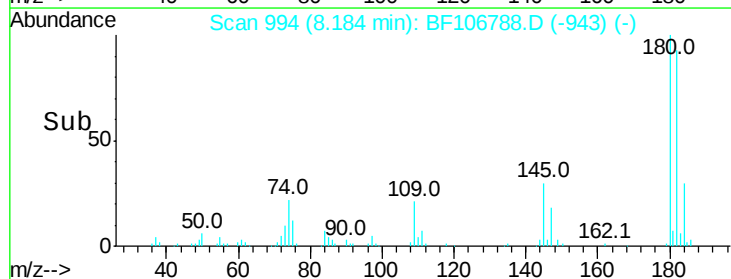
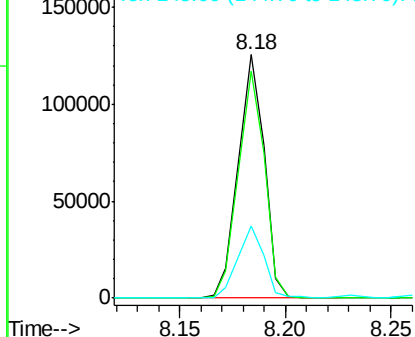


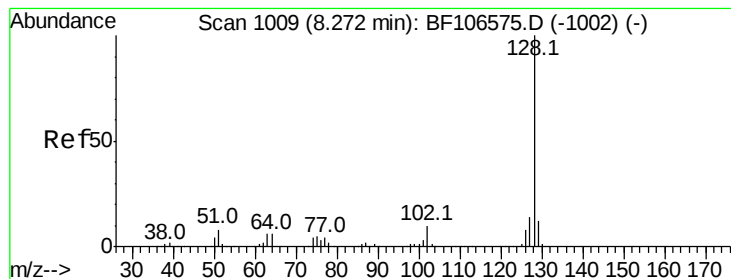
#30
 1,2,4-Trichlorobenzene
 Concen: 38.104 ng
 RT: 8.18 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF106788.D
 Acq: 25 Jun 2018 22:48

Tgt Ion:180 Resp: 107077
 Ion Ratio Lower Upper
 180 100
 182 93.3 76.8 115.2
 145 29.6 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: 36.115 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

Instrument :

BNA_F

ClientSampleId :

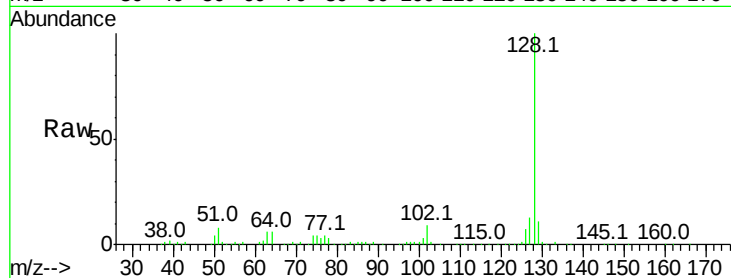
Tot Ion:128 Resp: 306908

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

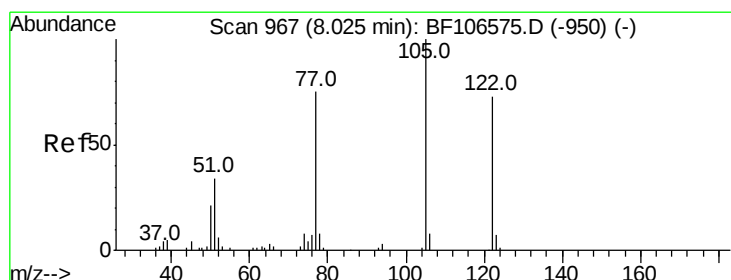
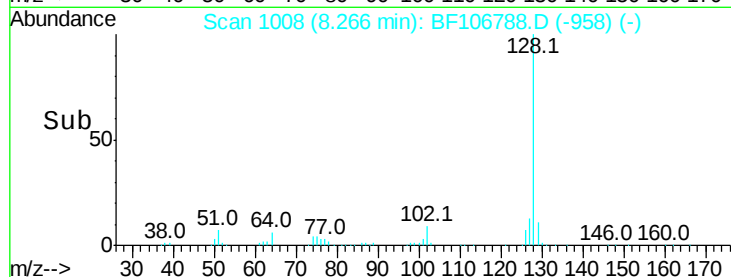
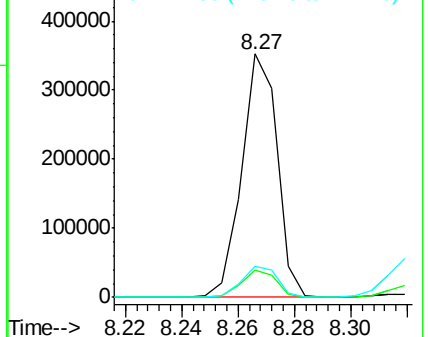
127 12.8 10.9 16.3



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: 9.033 ng

RT: 7.98 min Scan# 959

Delta R.T. -0.06 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

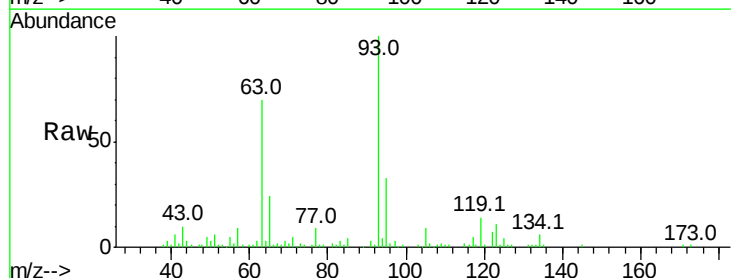
Tgt Ion:122 Resp: 6646

Ion Ratio Lower Upper

122 100

105 125.3 101.1 141.1

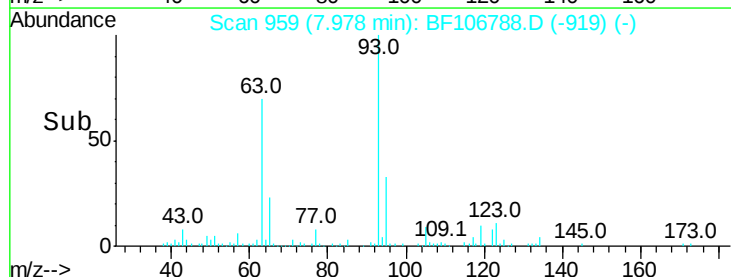
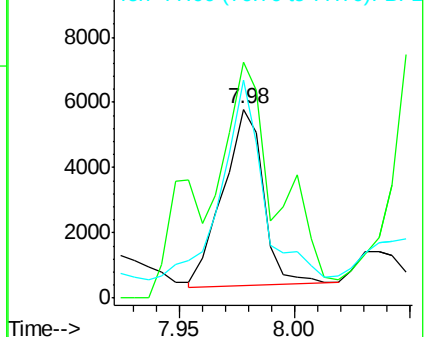
77 115.3 70.7 110.7#

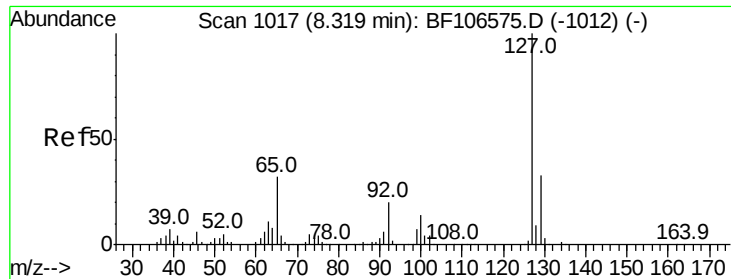


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

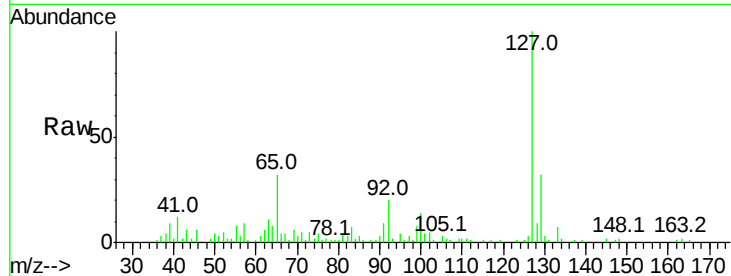




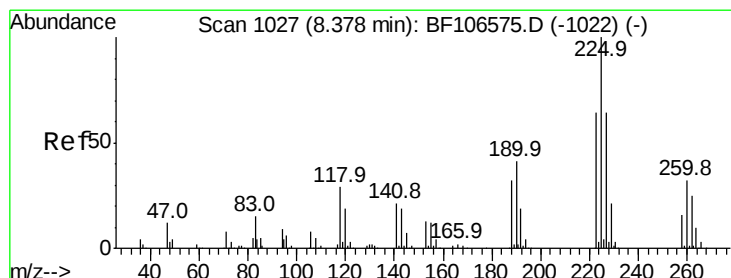
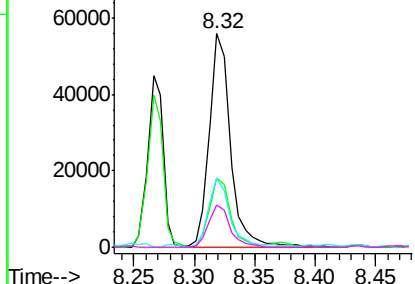
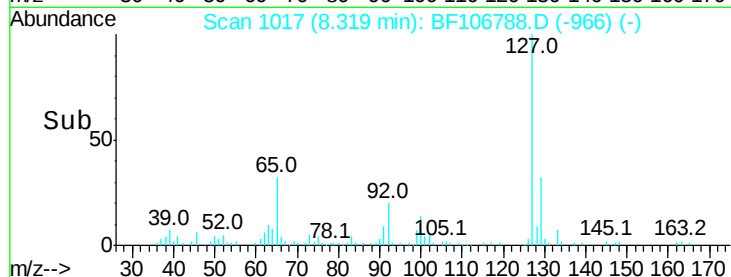
#33
4-Chloroaniline
Concen: 19.057 ng
RT: 8.32 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	67954
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	32.3	25.0	37.4
92	19.6	15.2	22.8

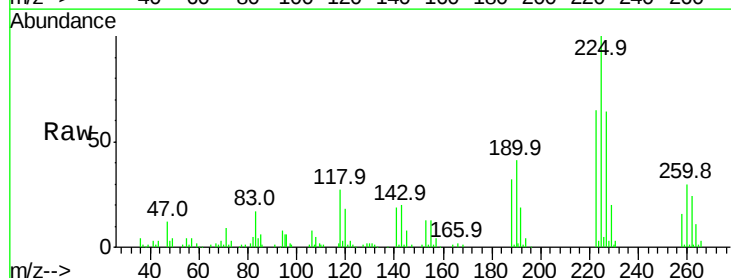


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

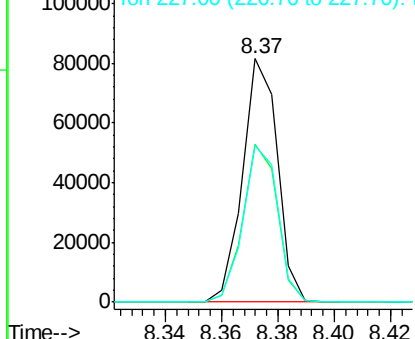
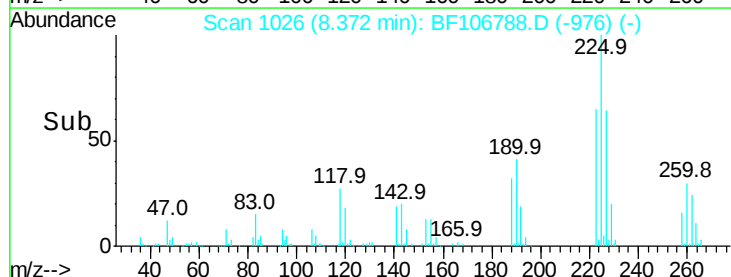


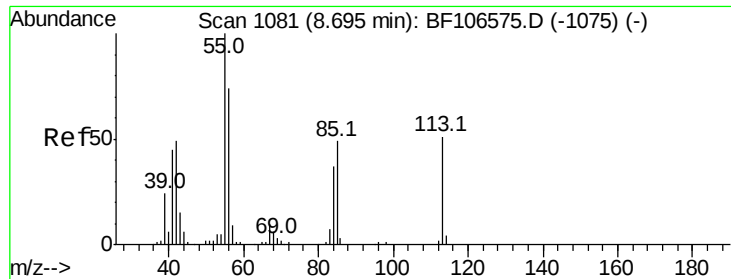
#34
Hexachlorobutadiene
Concen: 38.071 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Tgt Ion:	225	Resp:	69711
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.6	76.0
227	64.5	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: 37.268 ng

RT: 8.68 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

Instrument :

BNA_F

ClientSampled :

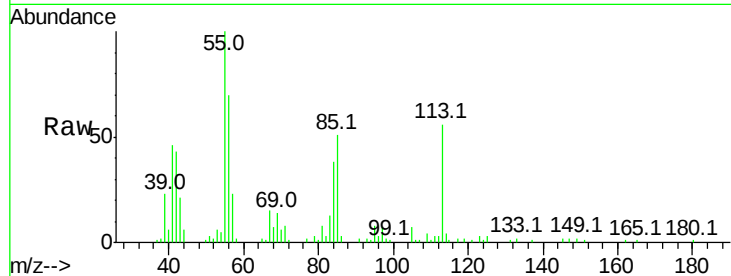
Tot Ion:113 Resp: 30989

Ion Ratio Lower Upper

113 100

55 178.7 163.3 203.3

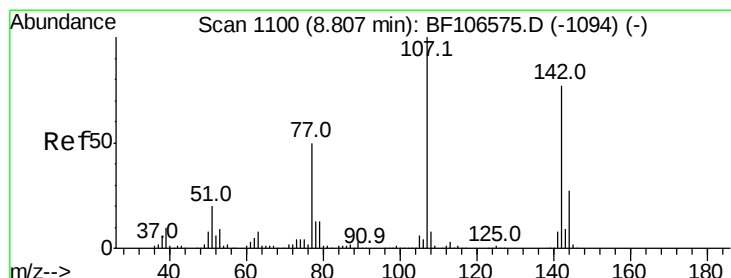
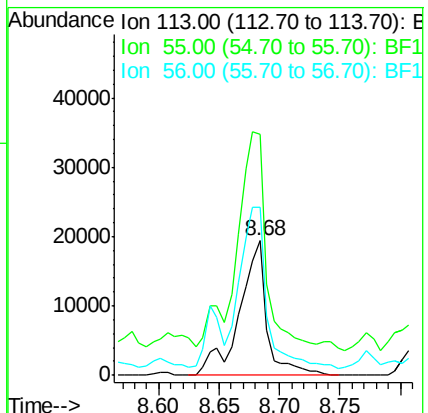
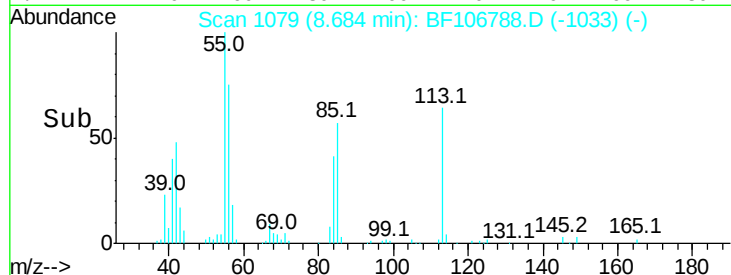
56 124.3 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 33.256 ng

RT: 8.81 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

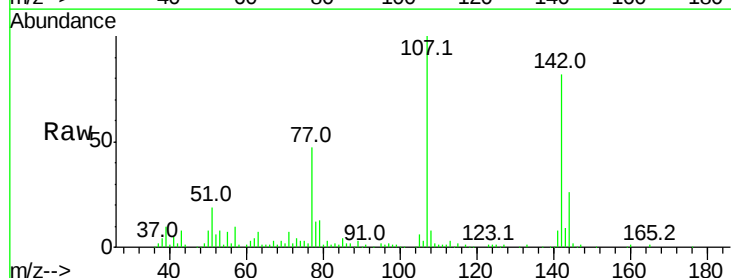
Tgt Ion:107 Resp: 89292

Ion Ratio Lower Upper

107 100

144 25.9 20.5 30.7

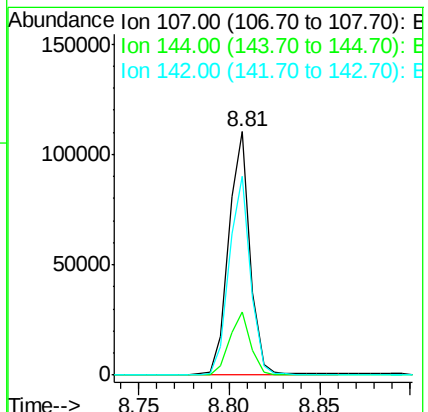
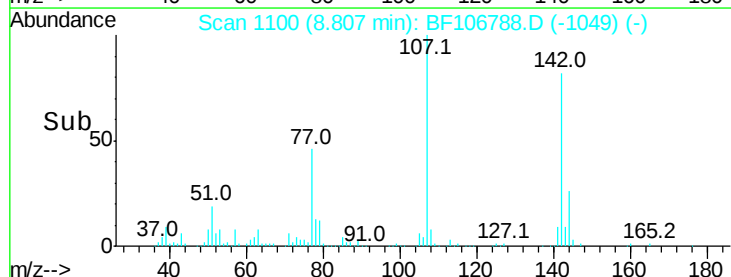
142 81.9 62.0 93.0

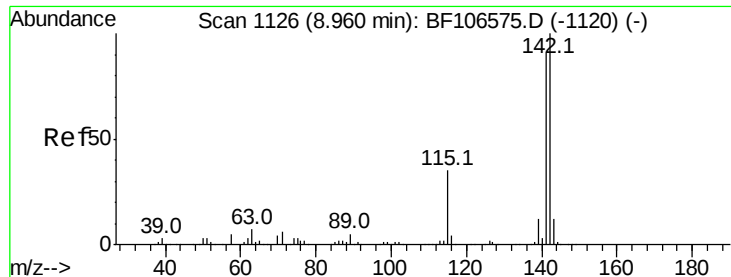


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

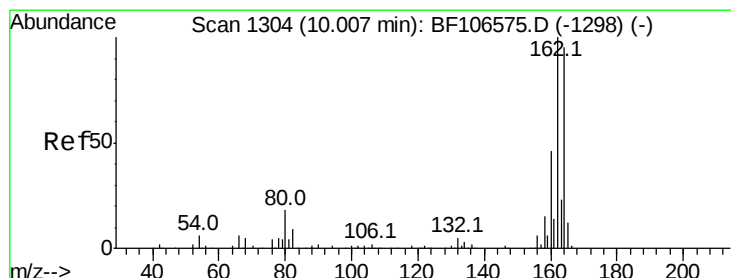
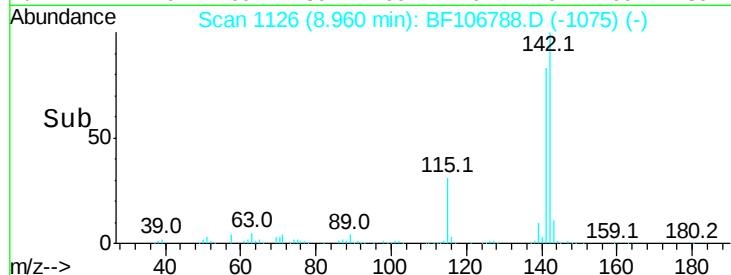
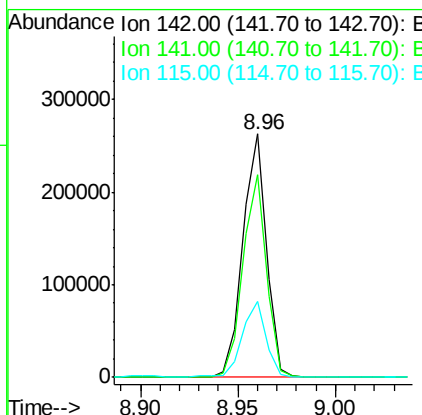
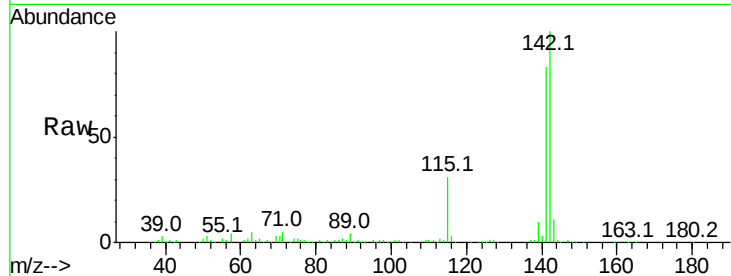




#37
 2-Methylnaphthalene
 Concen: 39.116 ng
 RT: 8.96 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF106788.D
 Acq: 25 Jun 2018 22:48

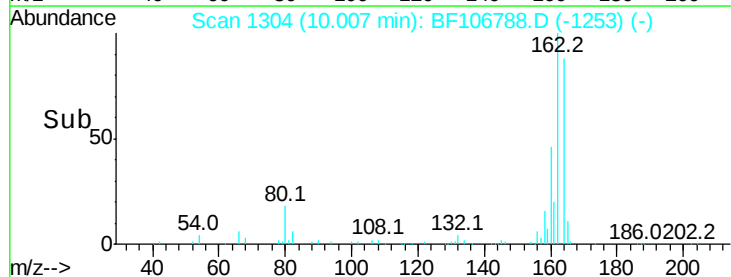
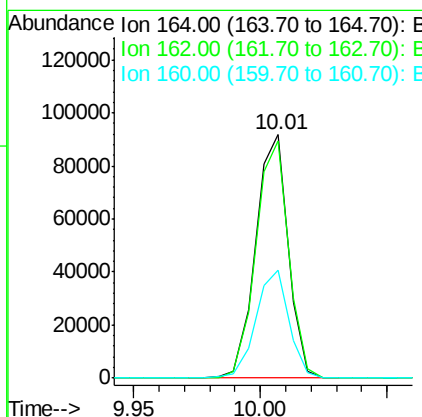
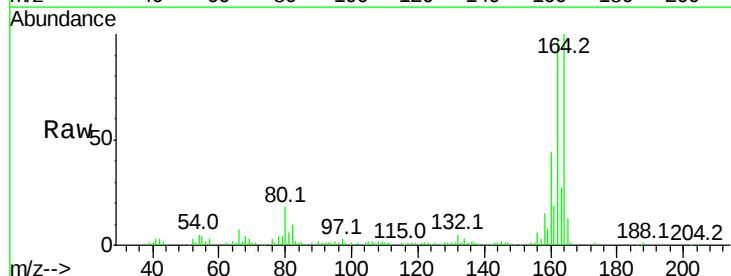
Instrument :
 BNA_F
 ClientSampleId :

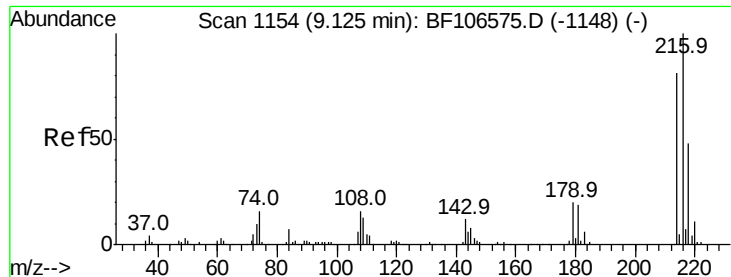
Tot Ion	Ratio	Lower	Upper
142	100		
141	83.5	70.8	106.2
115	31.2	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF106788.D
 Acq: 25 Jun 2018 22:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.2	86.1	129.1
160	44.4	38.3	57.5

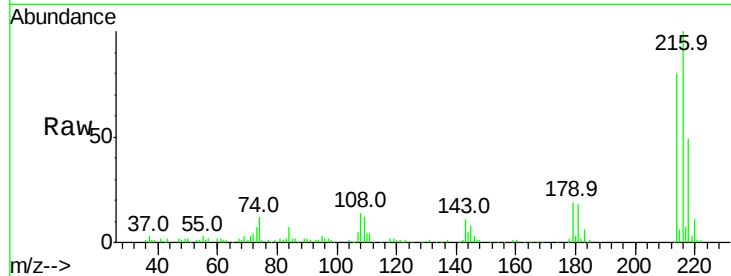




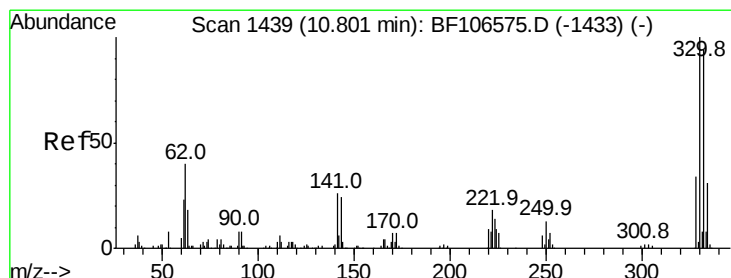
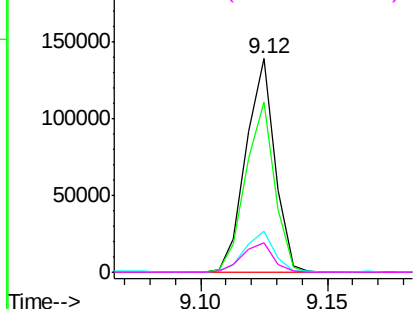
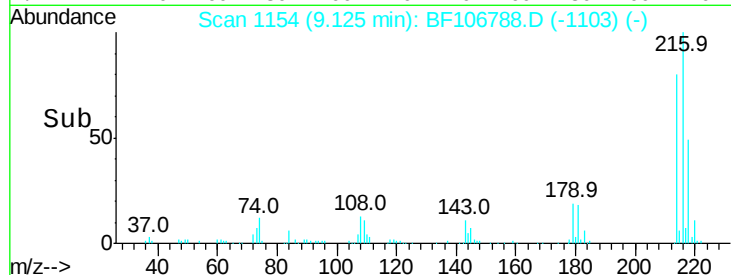
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.960 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF106788.D
 Acq: 25 Jun 2018 22:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	110397
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.4
179	19.7	18.1	27.1
108	14.7	17.2	25.8

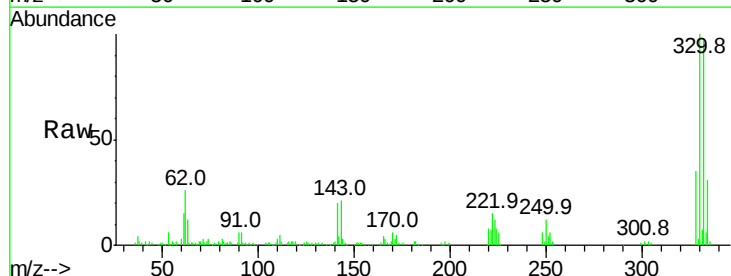


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

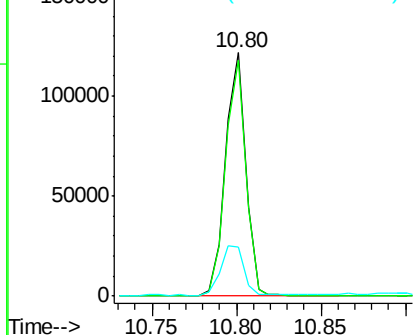
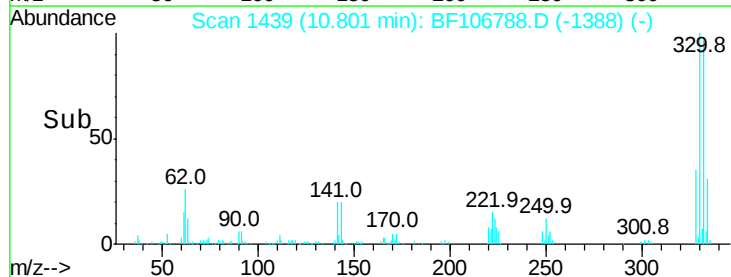


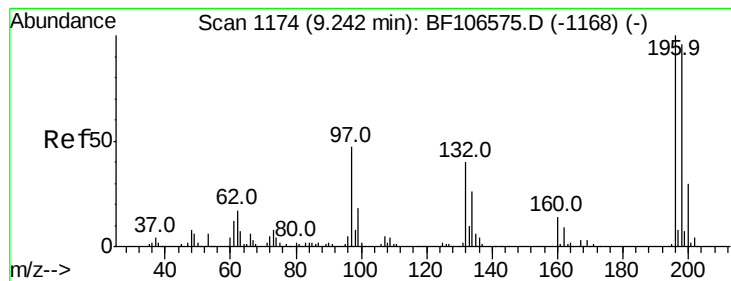
#41
 2,4,6-Tribromophenol
 Concen: 107.698 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106788.D
 Acq: 25 Jun 2018 22:48

Tgt Ion:	330	Resp:	102401
Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	22.9	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: 35.261 ng

RT: 9.24 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

Instrument :

BNA_F

ClientSampleId :

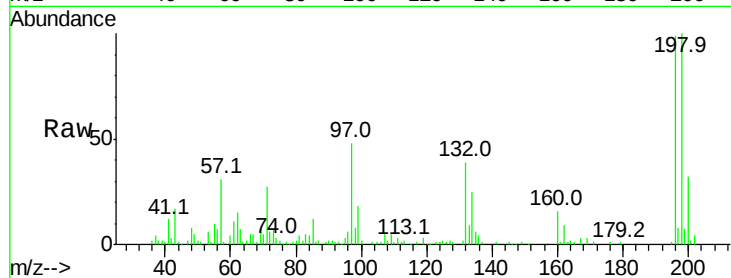
Tot Ion:196 Resp: 64755

Ion Ratio Lower Upper

196 100

198 100.7 75.7 113.5

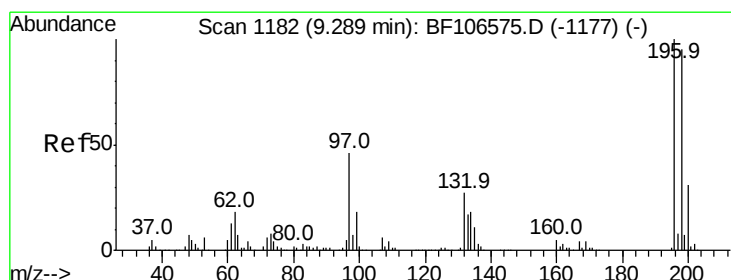
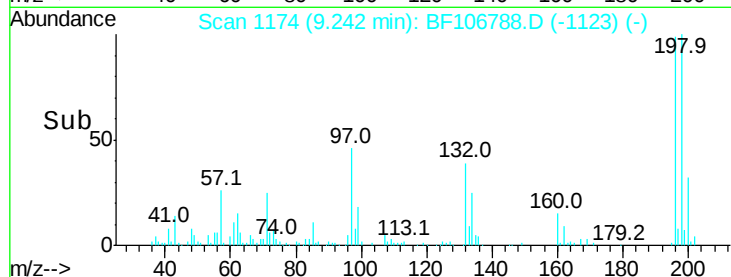
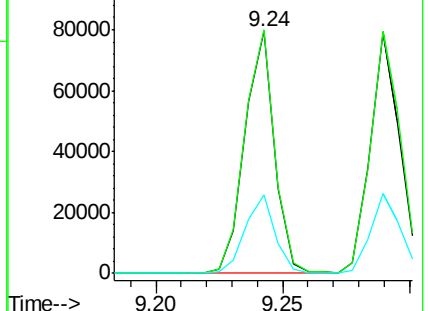
200 32.5 24.5 36.7



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: 33.792 ng

RT: 9.24 min Scan# 1174

Delta R.T. -0.05 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

Tgt Ion:196 Resp: 64755

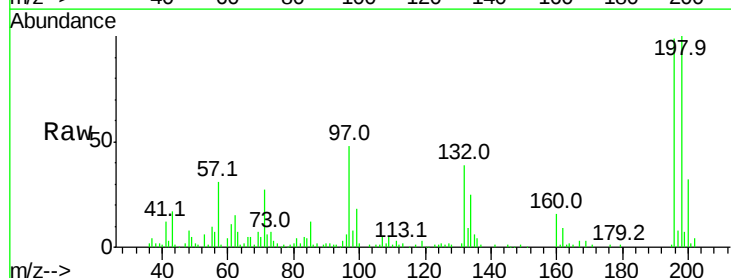
Ion Ratio Lower Upper

196 100

198 100.7 74.6 112.0

97 48.5 42.9 64.3

132 39.4 26.3 39.5

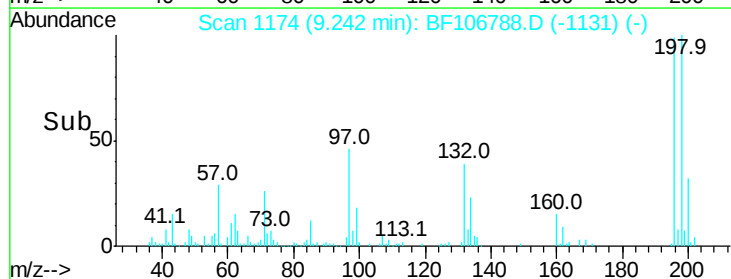
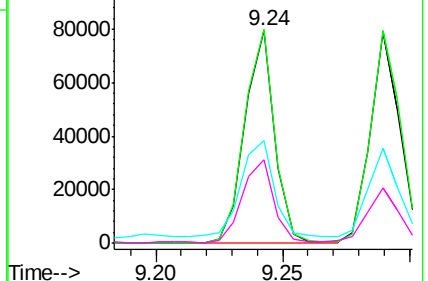


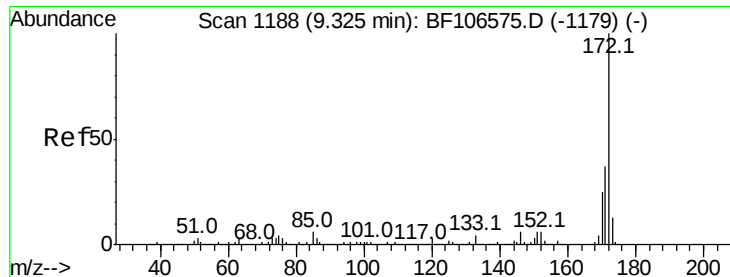
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

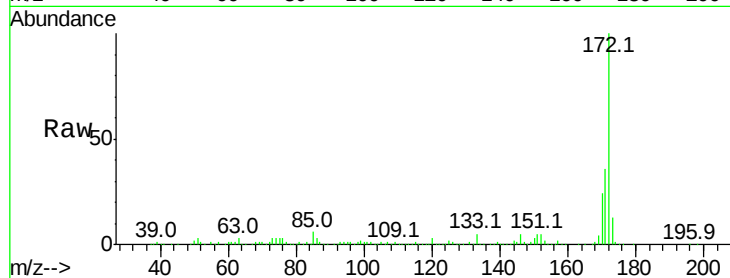




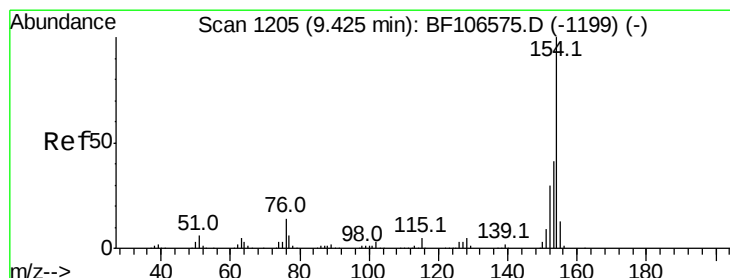
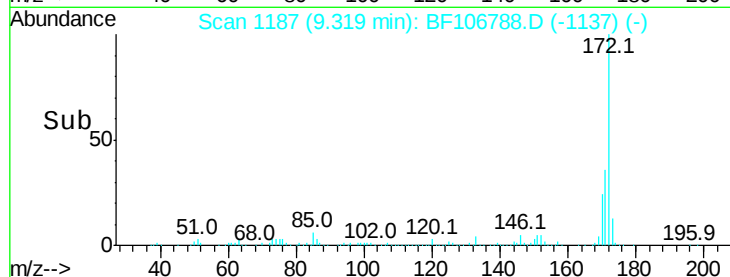
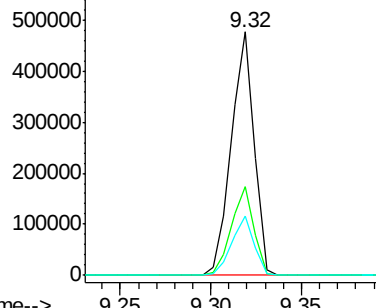
#44
2-Fluorobiphenyl
Concen: 86.482 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 417905
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.2 19.6 29.4

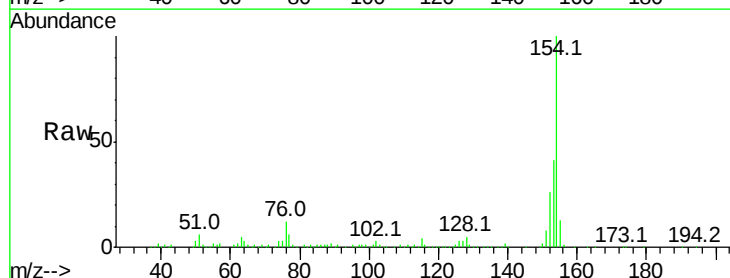


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

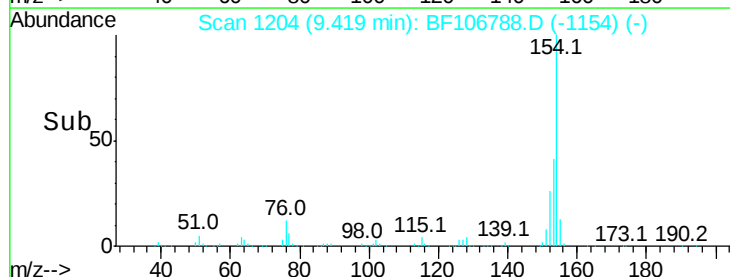
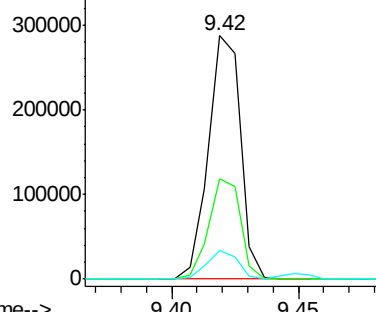


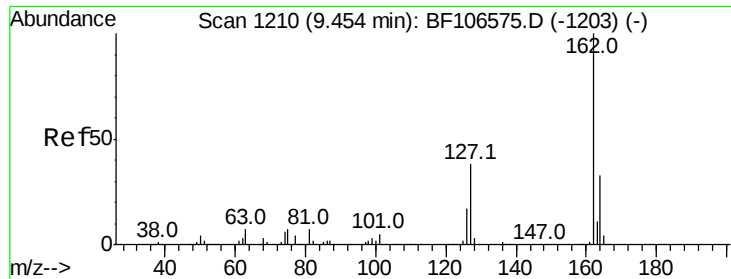
#45
1,1'-Biphenyl
Concen: 38.662 ng
RT: 9.42 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Tgt Ion:154 Resp: 252769
Ion Ratio Lower Upper
154 100
153 41.0 21.3 61.3
76 11.9 0.0 34.0



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

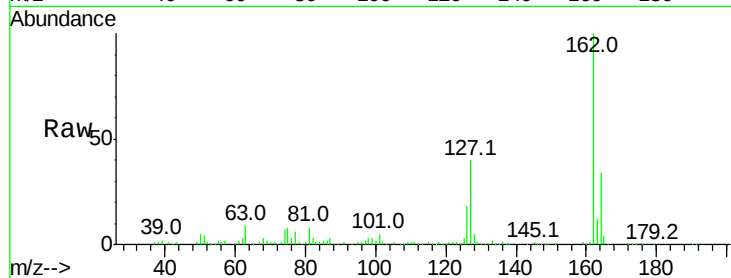




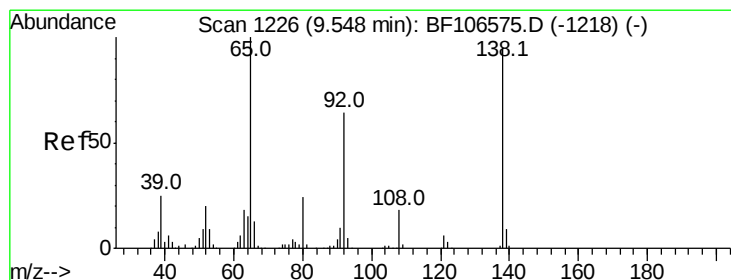
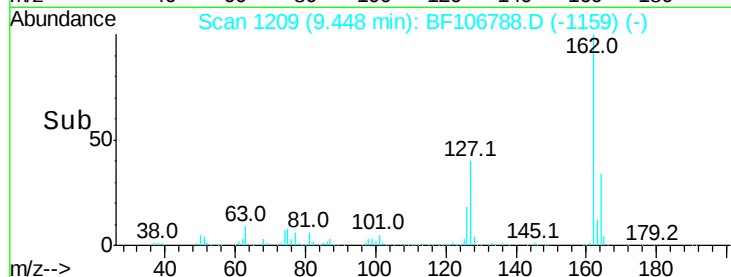
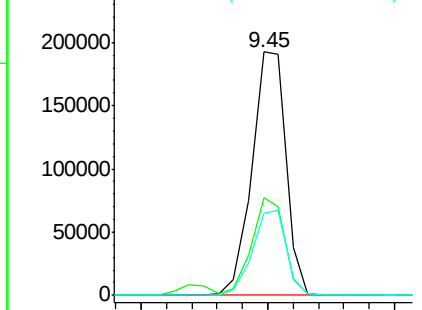
#46
2-Chloronaphthalene
Concen: 34.994 ng
RT: 9.45 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	33.9	50.9
164	34.0	26.5	39.7

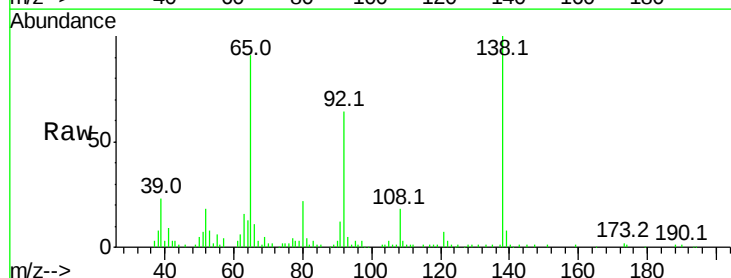


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

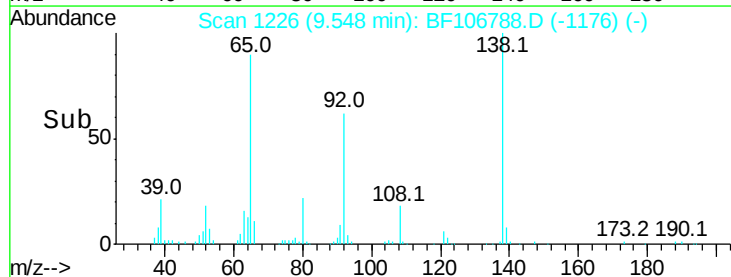
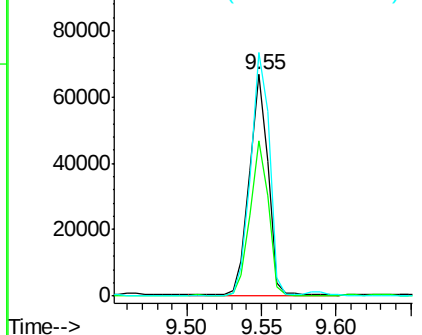


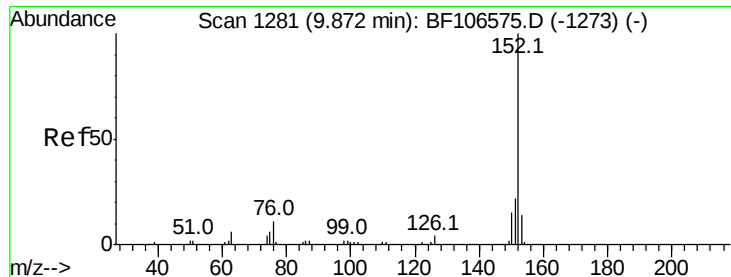
#47
2-Nitroaniline
Concen: 33.222 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	55.8	83.6
138	109.8	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): E





#48

Acenaphthylene

Concen: 34.952 ng

RT: 9.87 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

Instrument :

BNA_F

ClientSampleId :

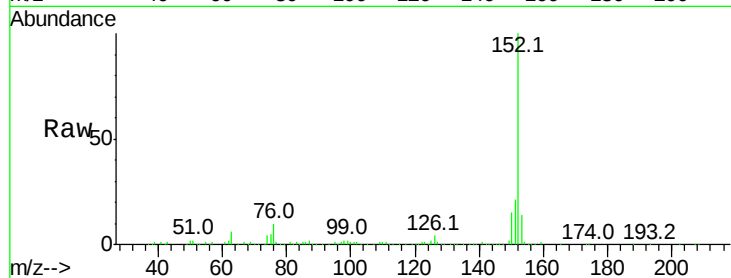
Tot Ion:152 Resp: 283980

Ion Ratio Lower Upper

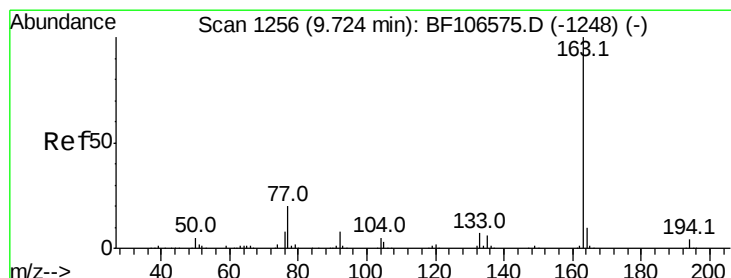
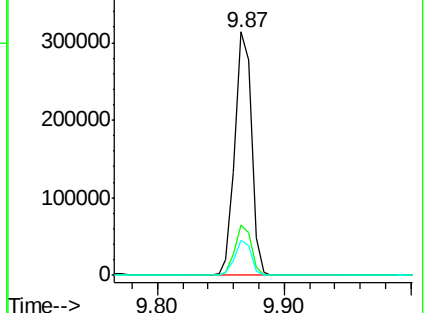
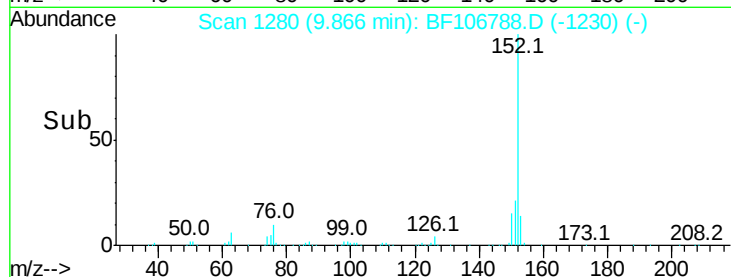
152 100

151 20.8 16.3 24.5

153 14.2 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: 45.059 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

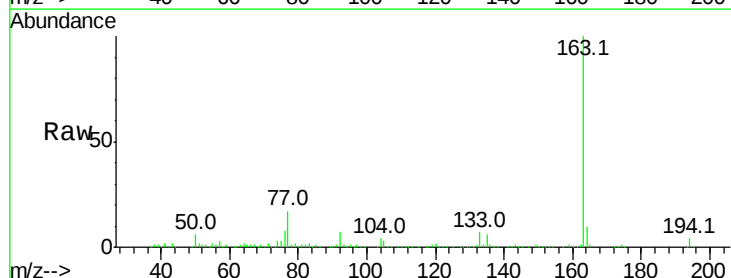
Tgt Ion:163 Resp: 277238

Ion Ratio Lower Upper

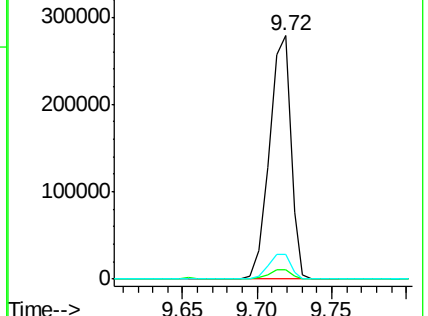
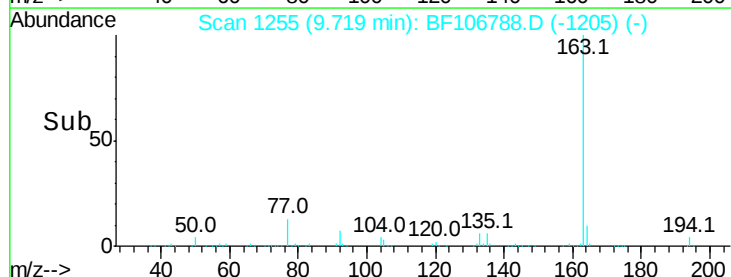
163 100

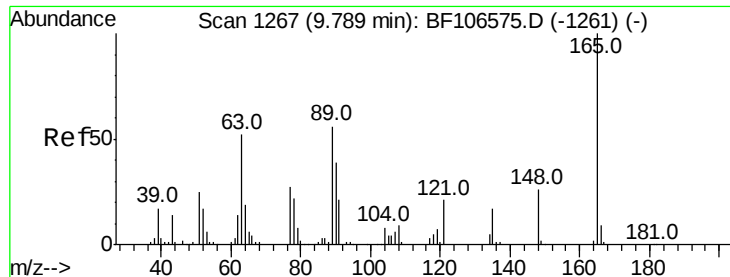
194 3.8 2.7 4.1

164 10.3 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

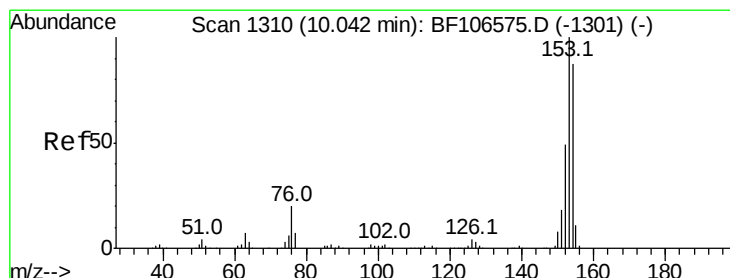
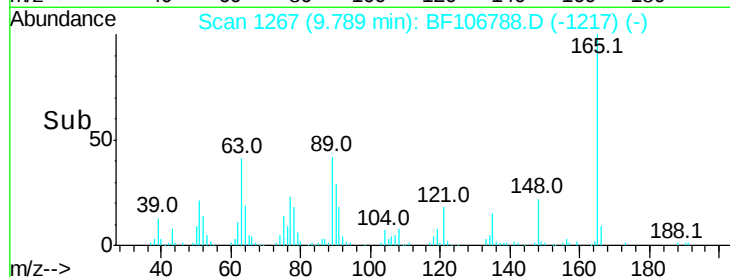
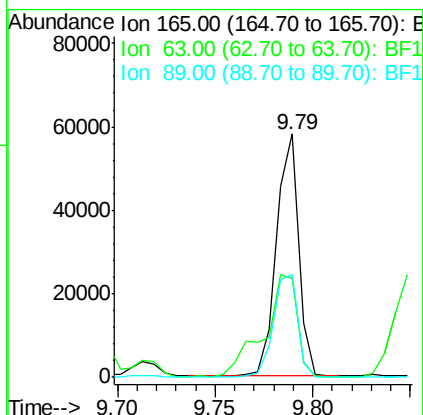
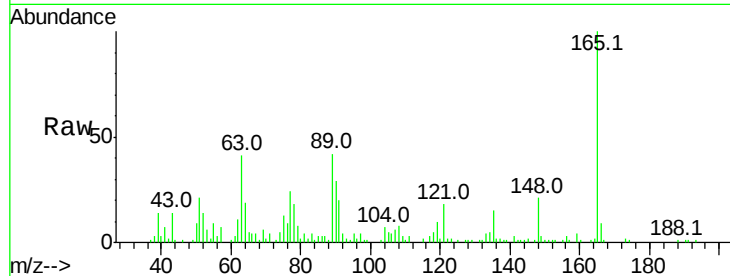




#50
 2,6-Dinitrotoluene
 Concen: 34.961 ng
 RT: 9.79 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF106788.D
 Acq: 25 Jun 2018 22:48

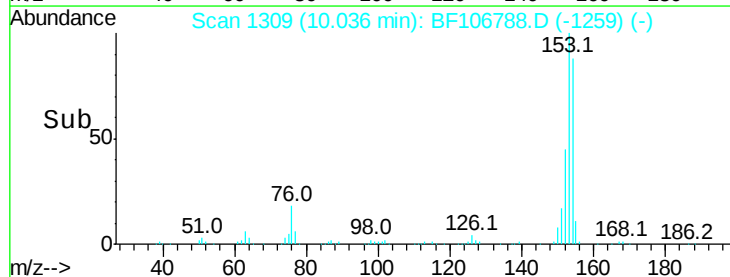
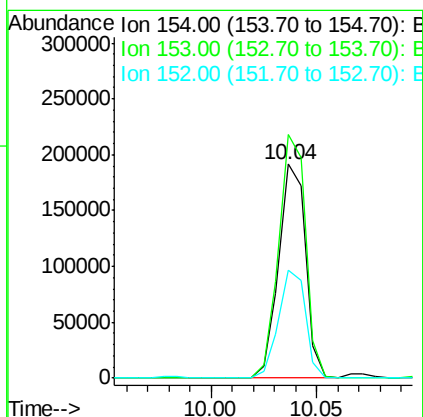
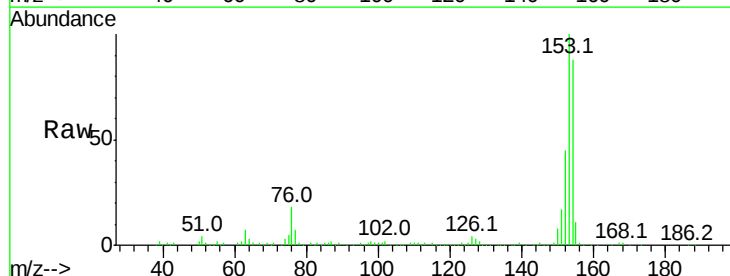
Instrument :
 BNA_F
 ClientSampleId :

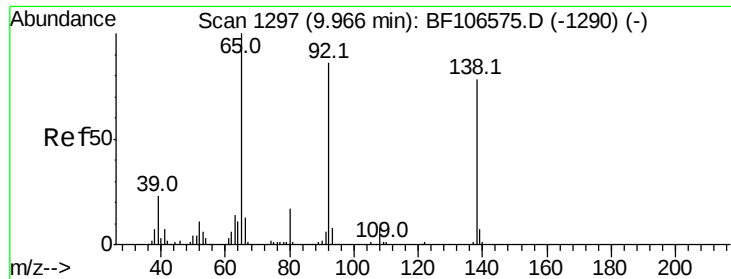
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.6	44.7	67.1#
89	42.0	44.0	66.0#



#51
 Acenaphthene
 Concen: 33.353 ng
 RT: 10.04 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF106788.D
 Acq: 25 Jun 2018 22:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.2	136.8
152	50.7	43.8	65.8

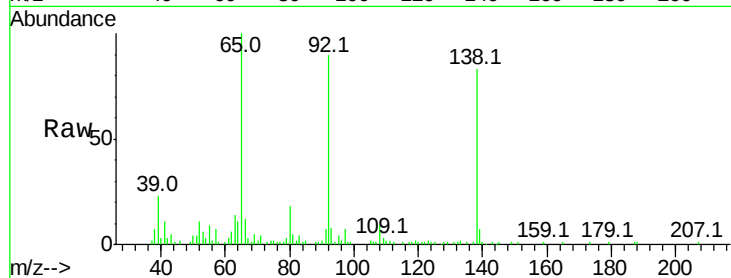




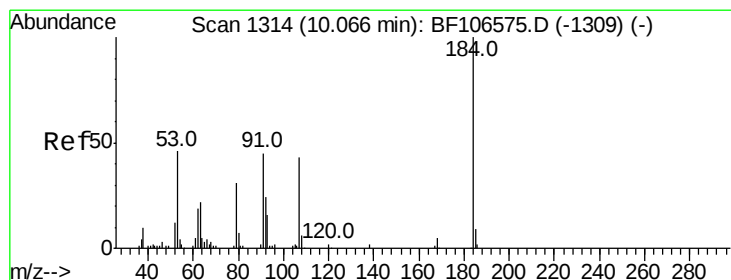
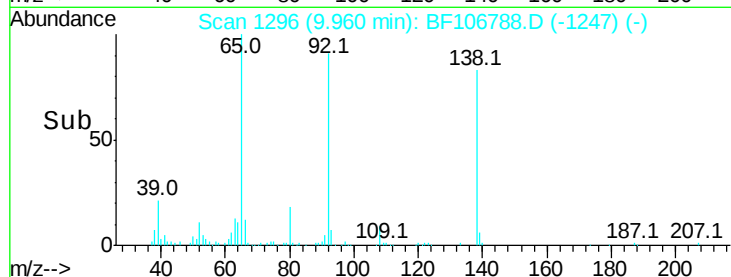
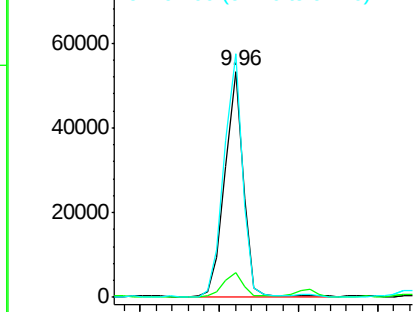
#52
3-Nitroaniline
Concen: 29.247 ng
RT: 9.96 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 43849
Ion Ratio Lower Upper
138 100
108 10.9 9.4 14.0
92 107.9 89.4 134.2

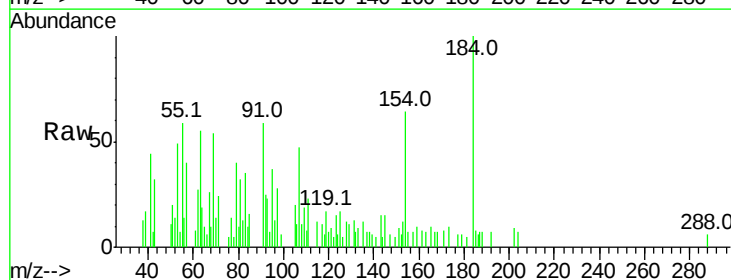


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

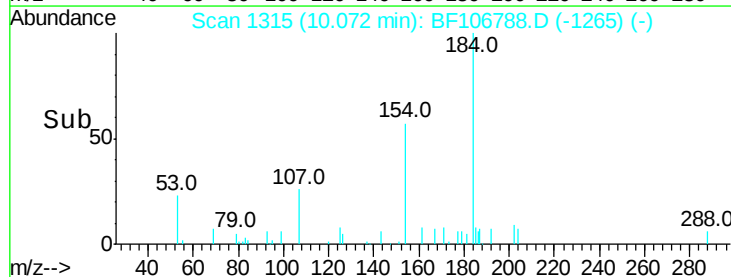
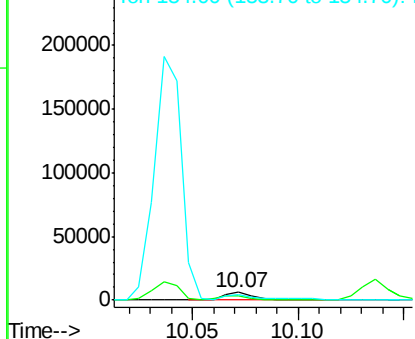


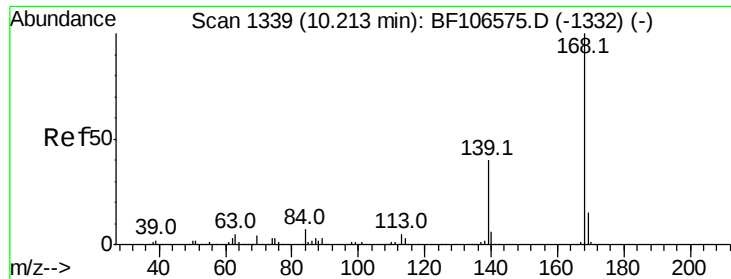
#53
2,4-Dinitrophenol
Concen: 13.954 ng
RT: 10.07 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Tgt Ion:184 Resp: 6244
Ion Ratio Lower Upper
184 100
63 54.6 54.2 81.2
154 63.7 184.0 276.0#



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

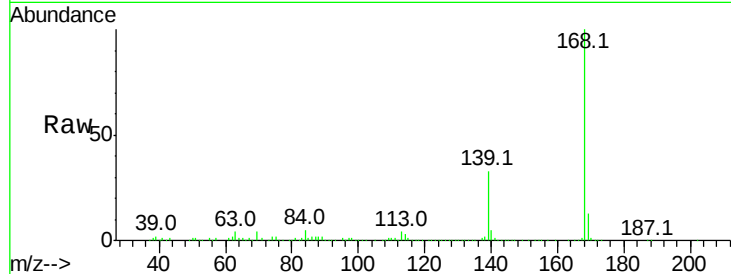




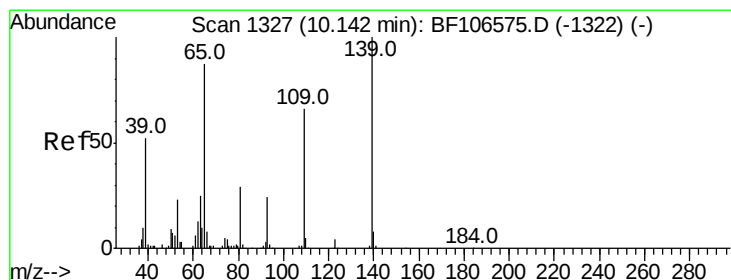
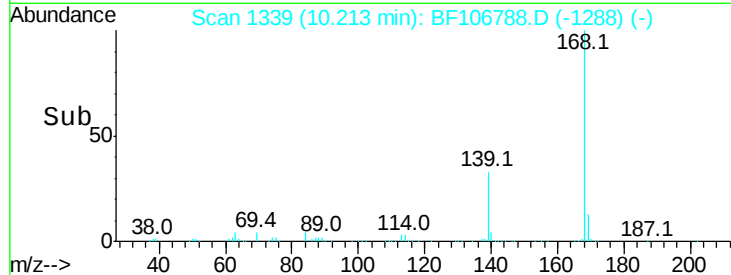
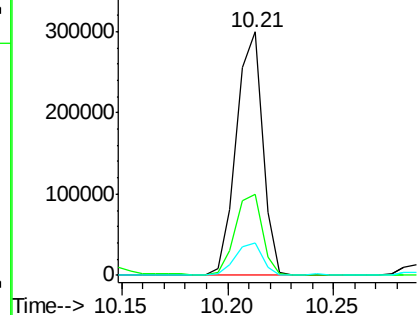
#54
Dibenzofuran
Concen: 36.682 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	33.3	30.1	45.1
169	13.1	10.9	16.3

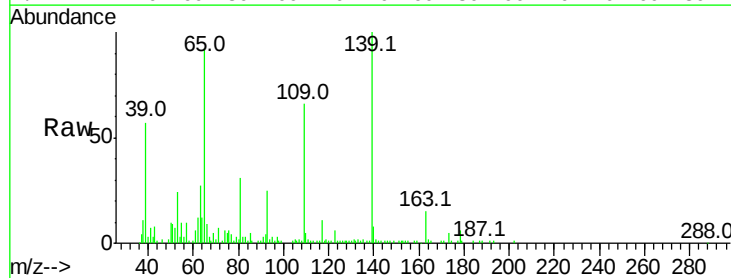


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

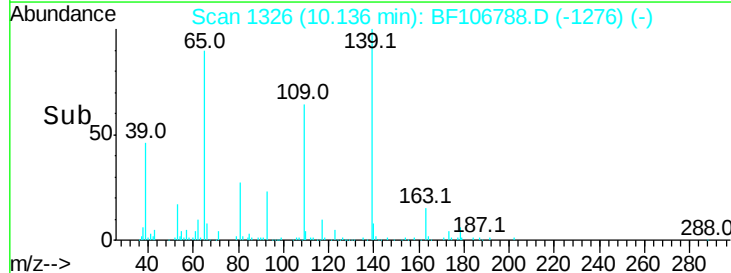
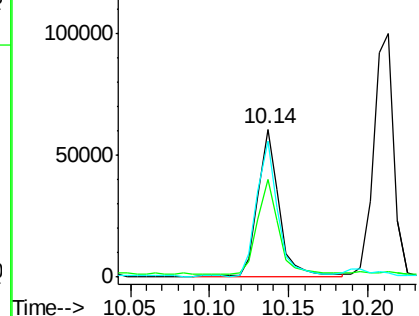


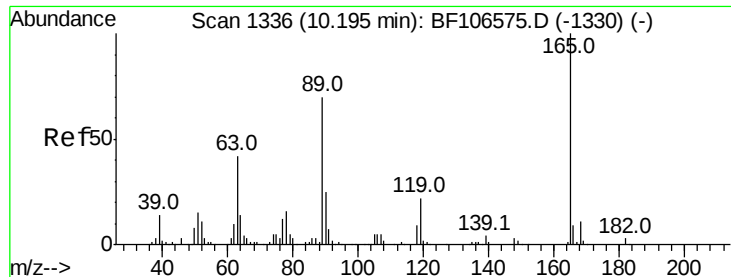
#55
4-Nitrophenol
Concen: 54.798 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.4	48.4	88.4
65	92.1	72.6	112.6



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





#56

2,4-Dinitrotoluene

Concen: 33.200 ng

RT: 10.20 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 56461

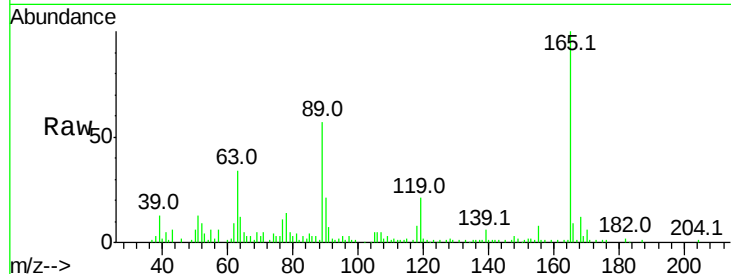
Ion Ratio Lower Upper

165 100

63 33.7 36.4 54.6#

89 56.6 57.8 86.6#

182 2.2 1.6 2.4

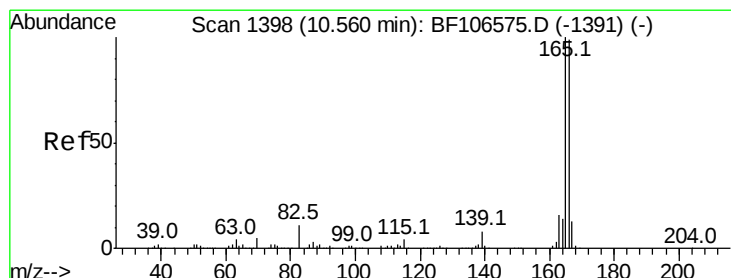
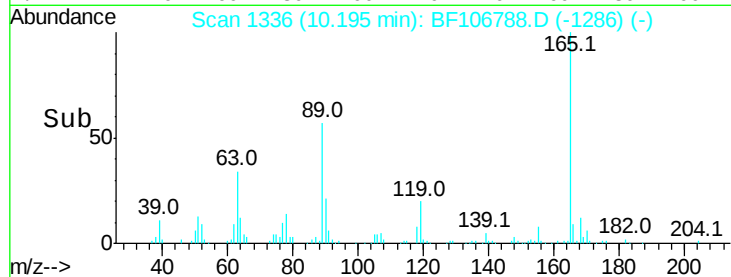
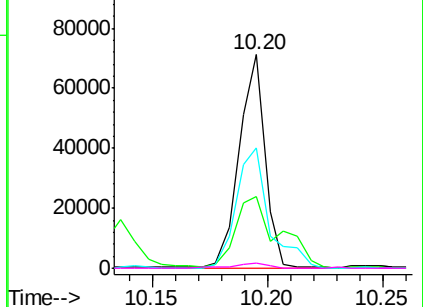


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 36.037 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

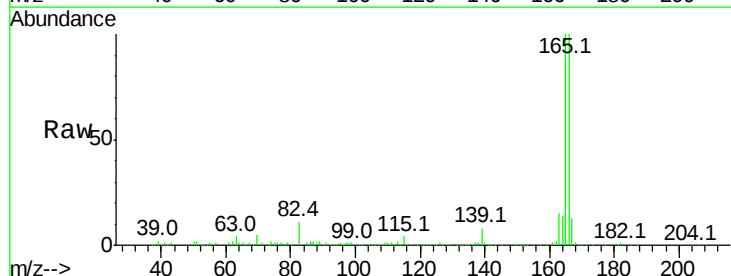
Tgt Ion:166 Resp: 200341

Ion Ratio Lower Upper

166 100

165 100.5 79.8 119.8

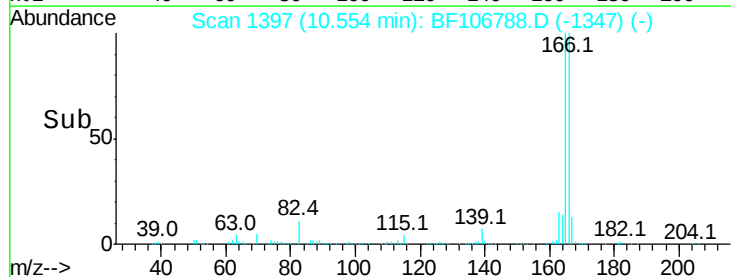
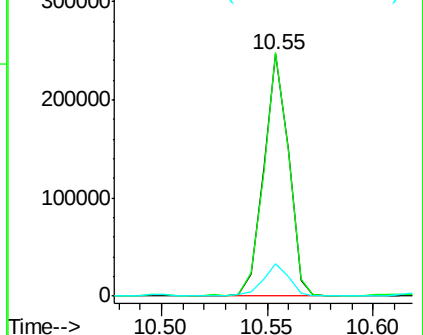
167 13.2 10.6 16.0

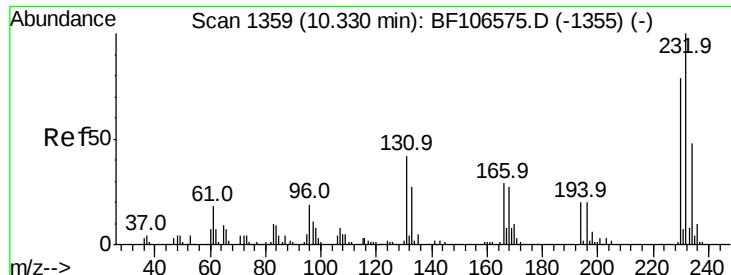


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

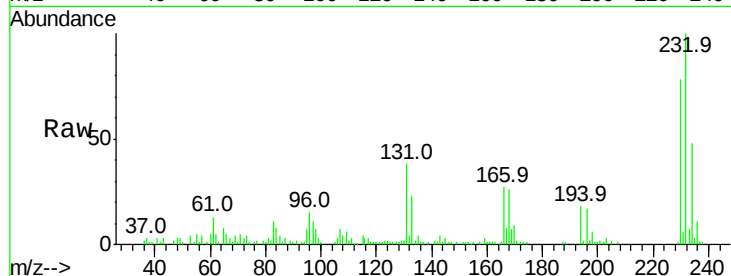




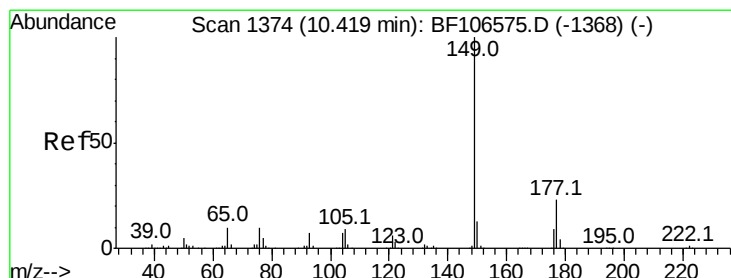
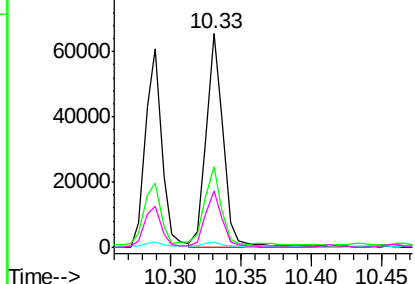
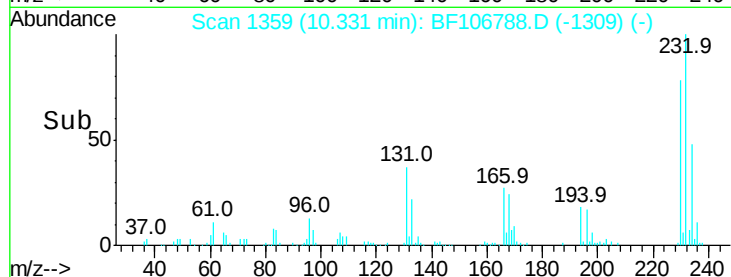
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.417 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF106788.D
 Acq: 25 Jun 2018 22:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 55472
 Ion Ratio Lower Upper
 232 100
 131 34.5 43.8 65.8#
 130 3.6 2.1 3.1#
 166 26.6 27.8 41.6#

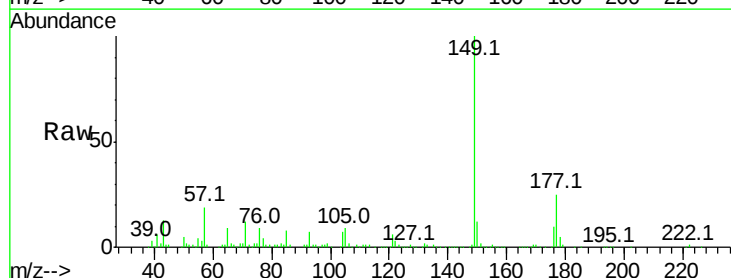


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

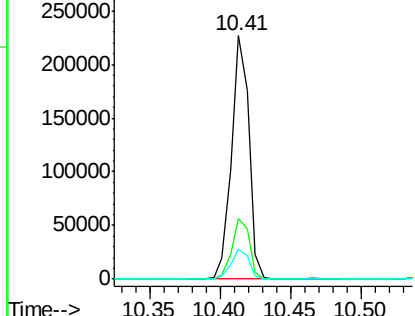
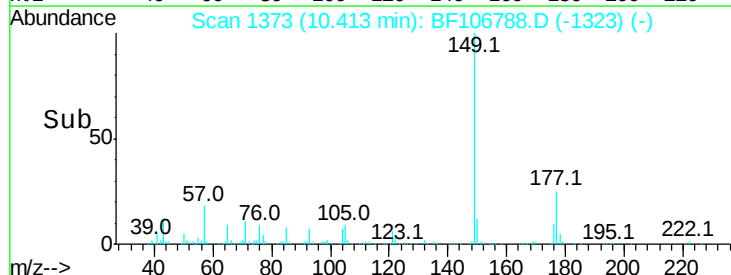


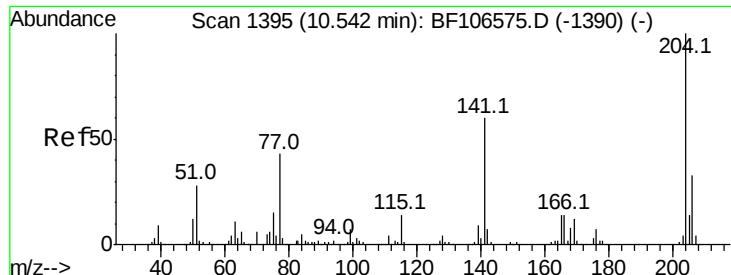
#59
 Diethylphthalate
 Concen: 32.617 ng
 RT: 10.41 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF106788.D
 Acq: 25 Jun 2018 22:48

Tgt Ion:149 Resp: 193696
 Ion Ratio Lower Upper
 149 100
 177 25.0 16.1 24.1#
 150 12.3 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

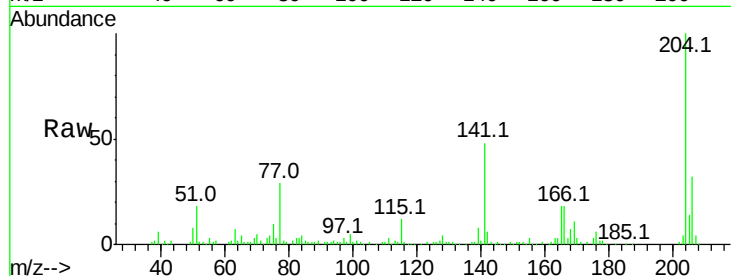




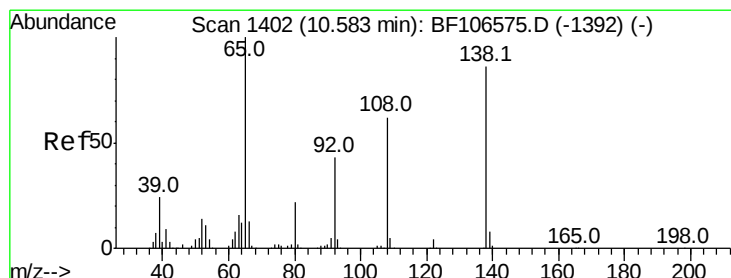
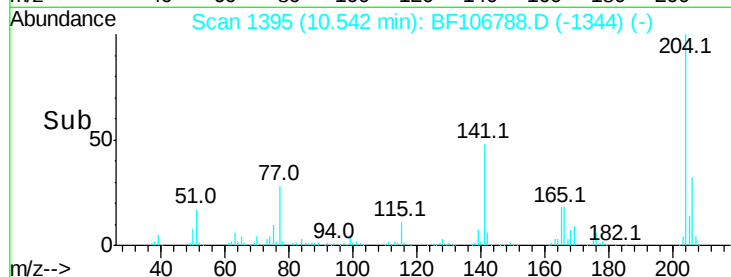
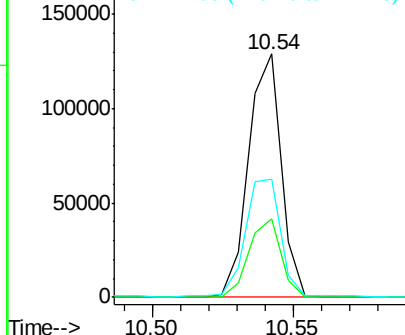
#60
4-Chlorophenyl-phenylether
Concen: 35.559 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 103433
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 48.3 54.6 81.8#

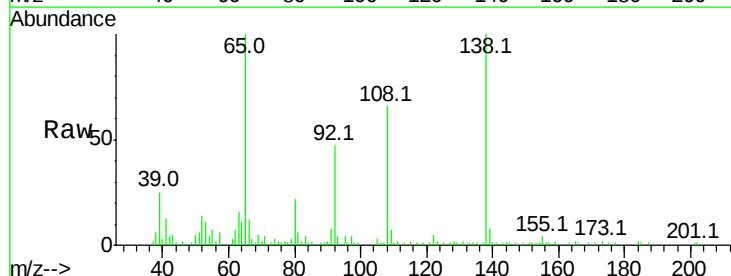


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

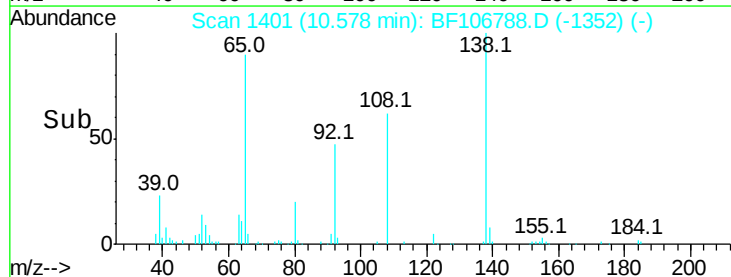
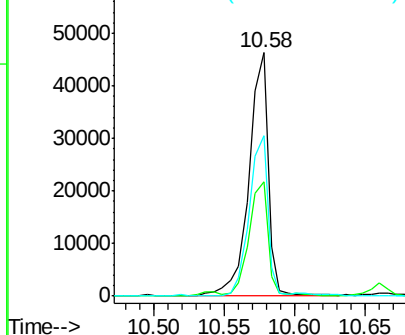


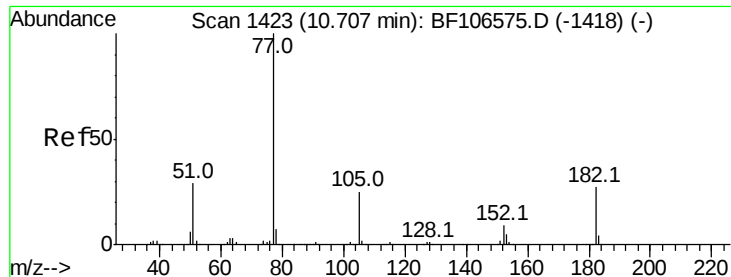
#61
4-Nitroaniline
Concen: 30.261 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Tgt Ion:138 Resp: 45027
Ion Ratio Lower Upper
138 100
92 47.0 30.2 70.2
108 65.8 52.5 92.5



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

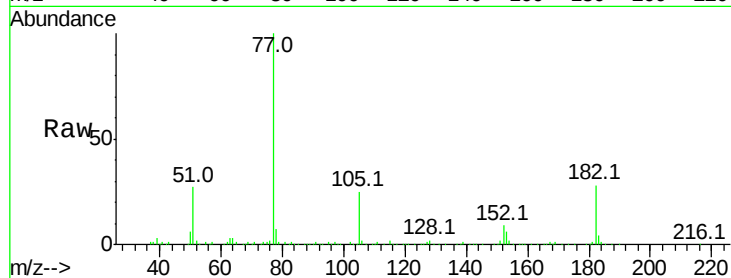




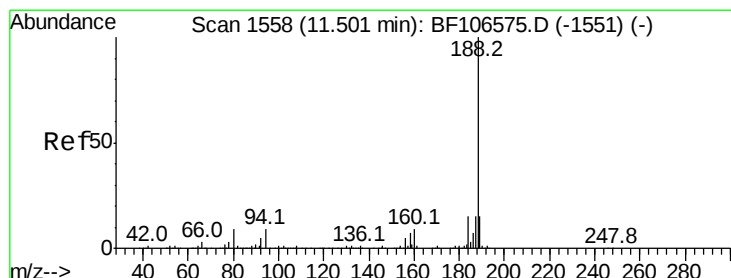
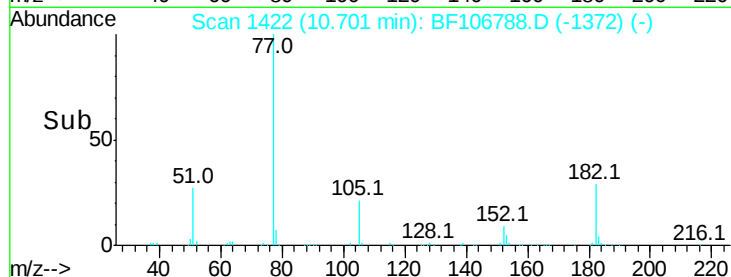
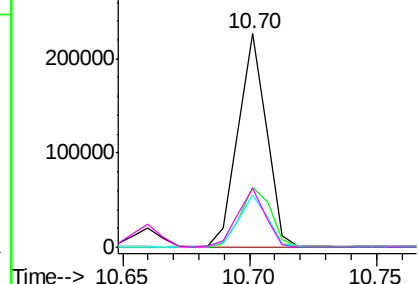
#62
Azobenzene
Concen: 29.836 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.1	1.7	41.7
105	24.6	3.0	43.0
51	27.3	9.9	49.9

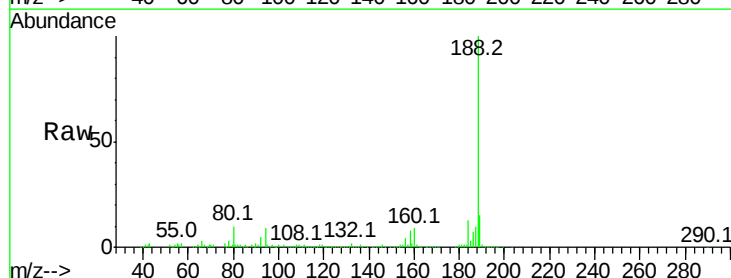


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

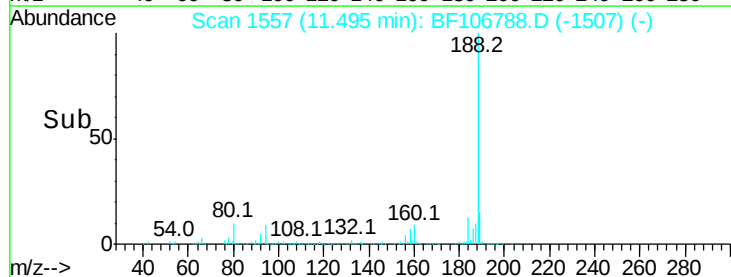
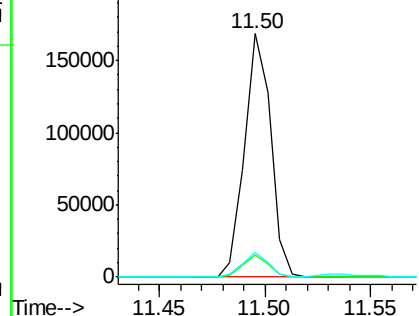


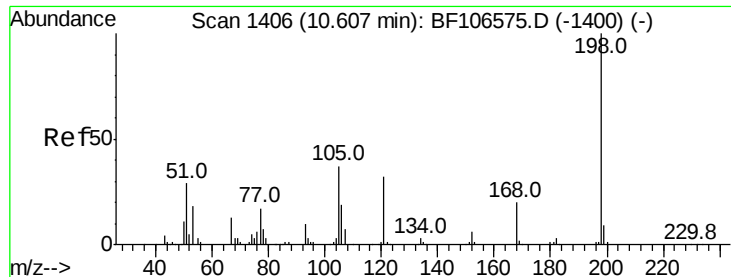
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.0	9.2	13.8



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





#64

4,6-Dinitro-2-methylphenol

Concen: 8.813 ng

RT: 10.61 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

Instrument :

BNA_F

ClientSampleId :

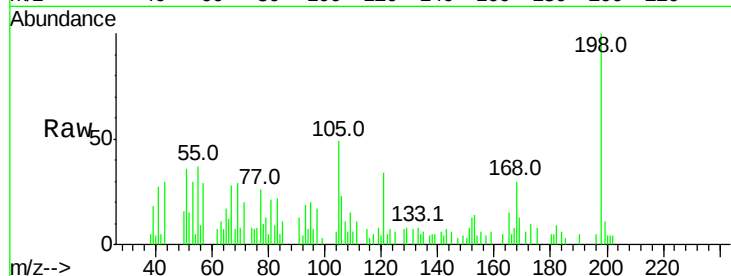
Tot Ion:198 Resp: 7894

Ion Ratio Lower Upper

198 100

51 35.8 37.7 77.7#

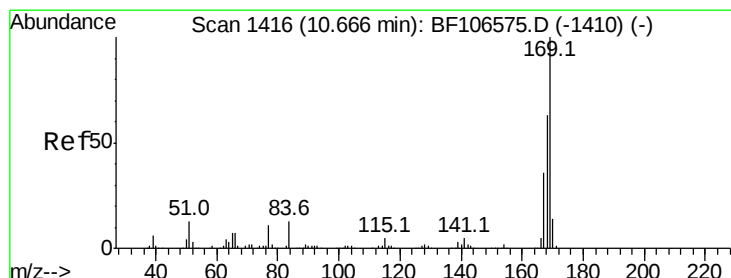
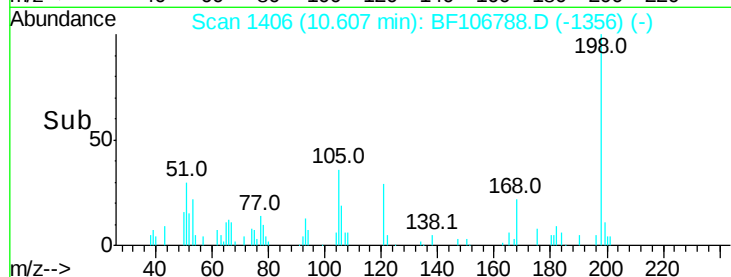
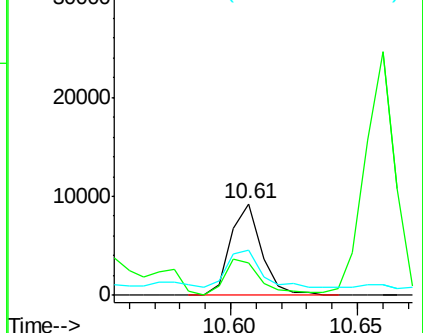
105 49.0 36.3 76.3



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: 35.086 ng

RT: 10.66 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

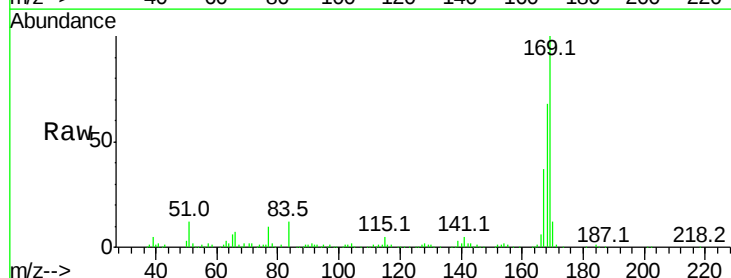
Tgt Ion:169 Resp: 171014

Ion Ratio Lower Upper

169 100

168 67.8 54.4 81.6

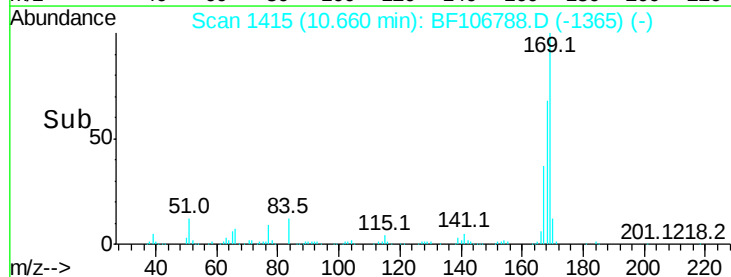
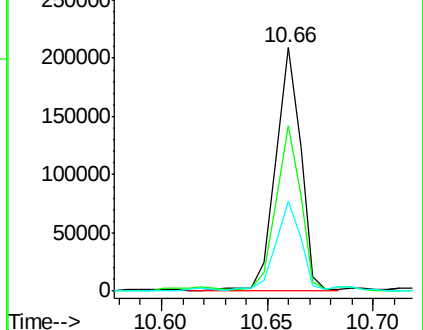
167 36.8 29.8 44.6

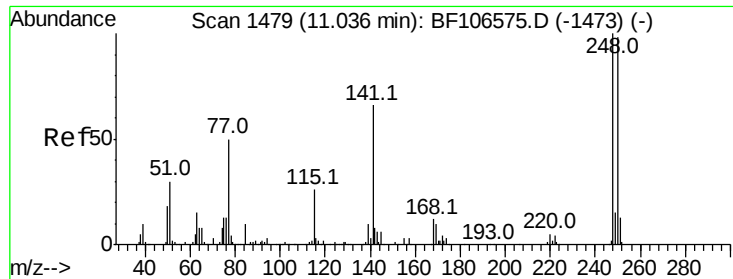


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

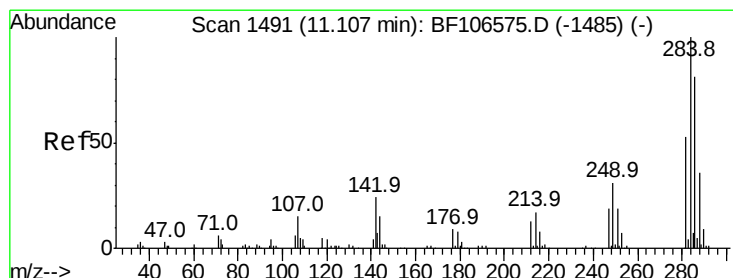
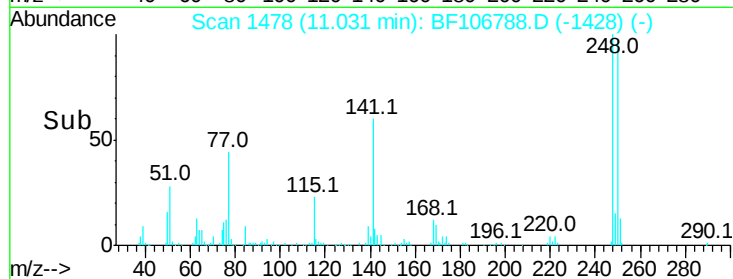
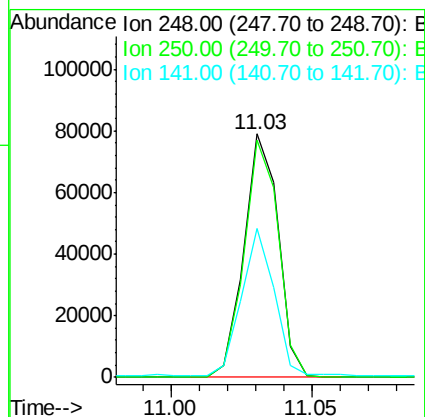
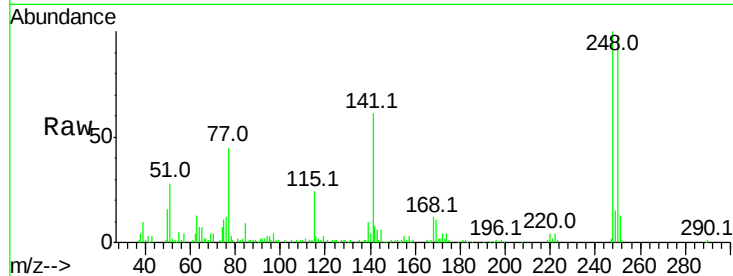




#66
 4-Bromophenyl-phenylether
 Concen: 38.521 ng
 RT: 11.03 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF106788.D
 Acq: 25 Jun 2018 22:48

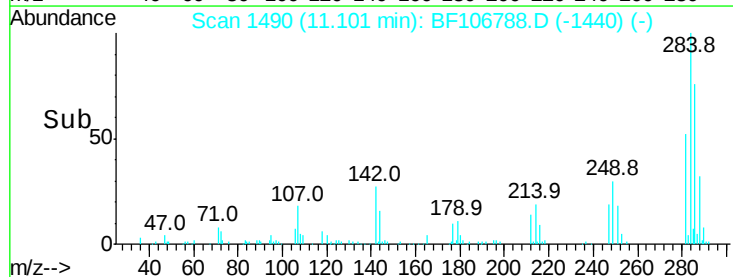
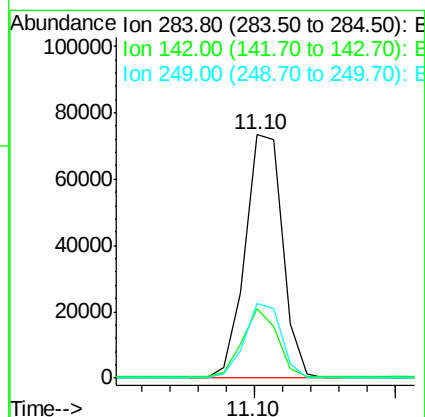
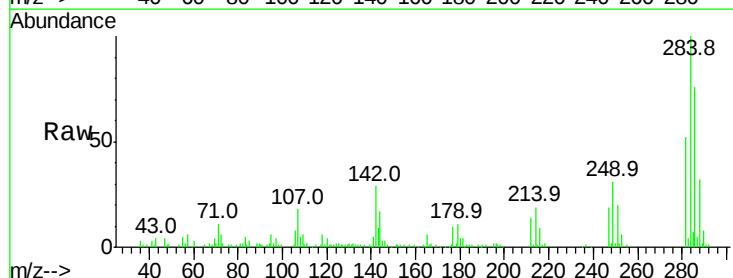
Instrument :
 BNA_F
 ClientSampled :

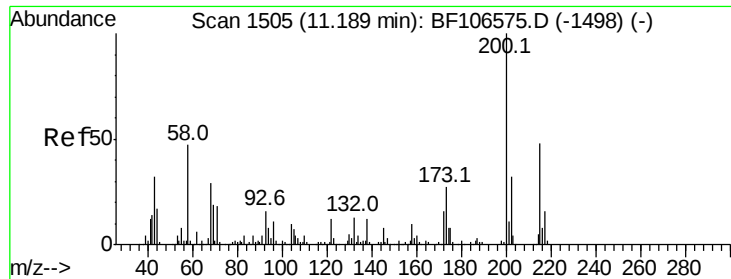
Tot Ion:248 Resp: 66620
 Ion Ratio Lower Upper
 248 100
 250 97.3 76.9 115.3
 141 61.0 74.4 111.6#



#67
 Hexachlorobenzene
 Concen: 37.392 ng
 RT: 11.10 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: BF106788.D
 Acq: 25 Jun 2018 22:48

Tgt Ion:284 Resp: 67684
 Ion Ratio Lower Upper
 284 100
 142 28.8 34.6 52.0#
 249 30.8 24.8 37.2

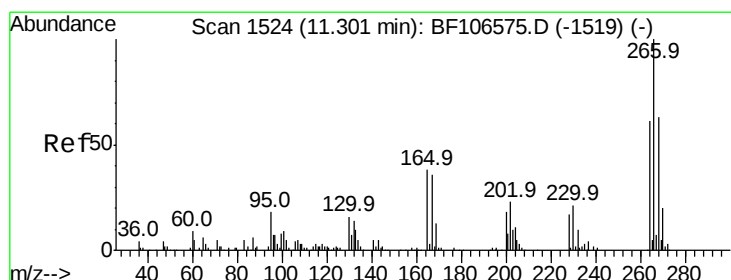
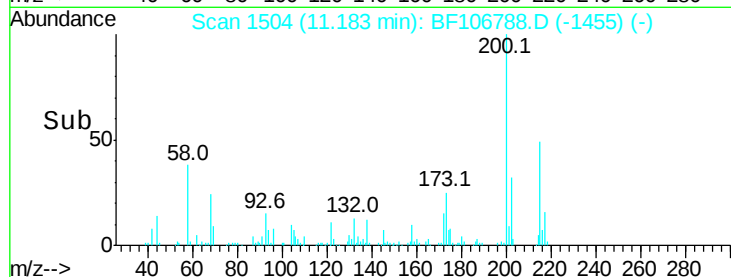
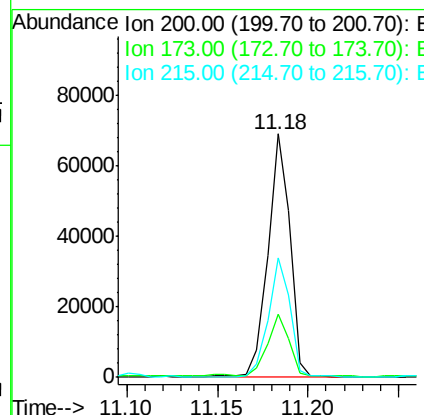
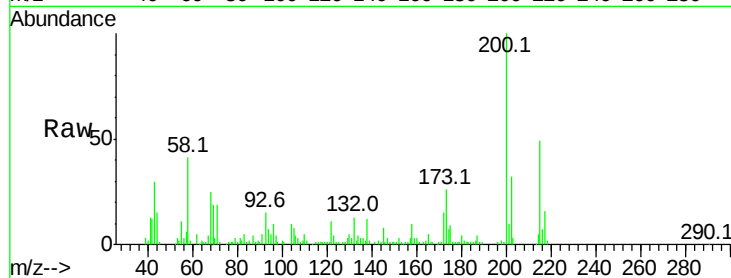




#68
Atrazine
Concen: 37.689 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

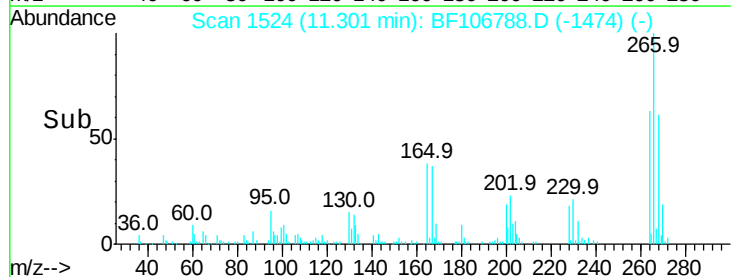
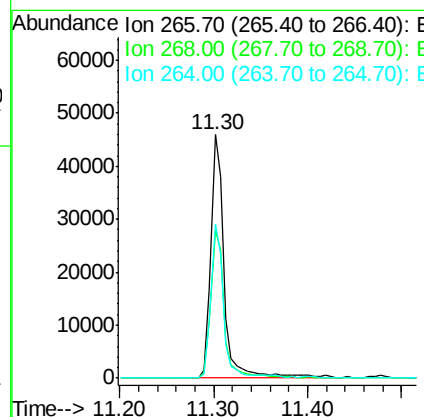
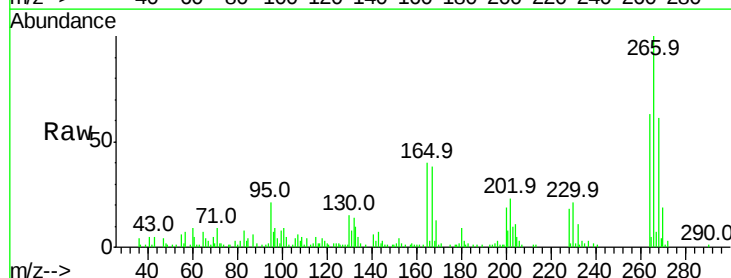
Instrument :
BNA_F
ClientSampleId :

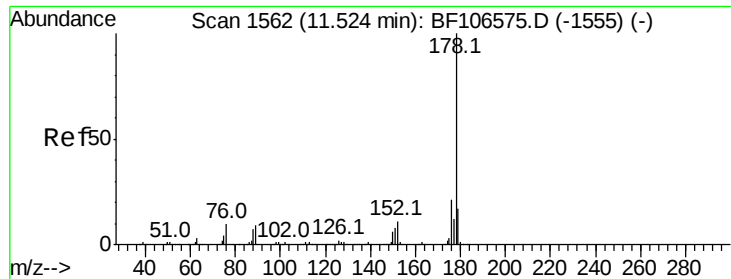
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	8.6	48.6
215	48.9	25.1	65.1



#69
Pentachlorophenol
Concen: 51.253 ng
RT: 11.30 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.8	51.1	76.7
264	63.0	49.5	74.3

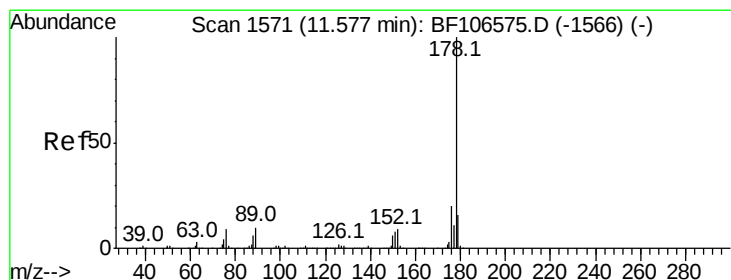
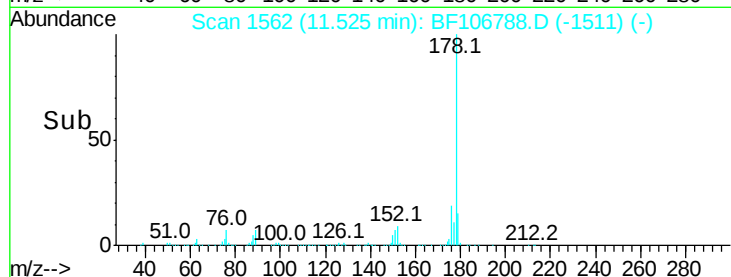
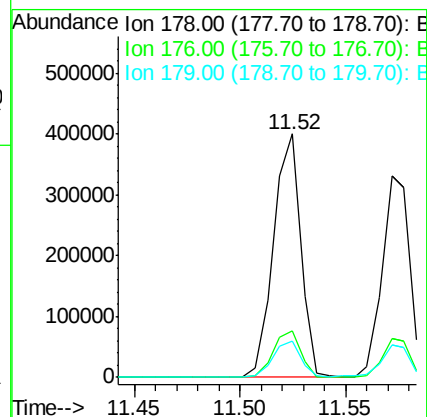
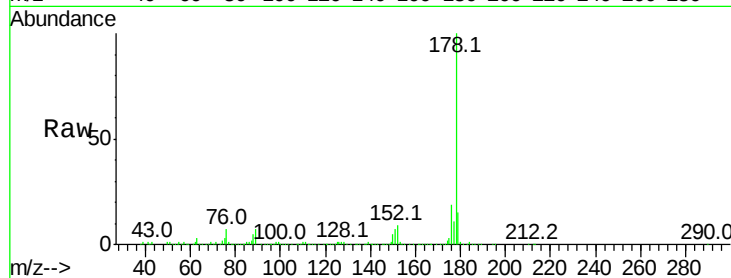




#70
Phenanthrene
Concen: 51.371 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

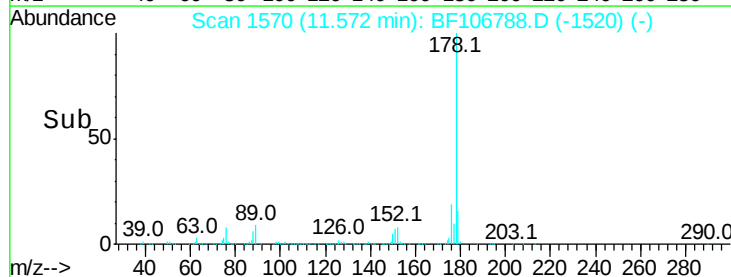
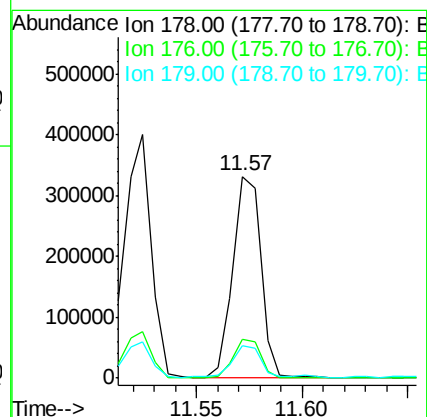
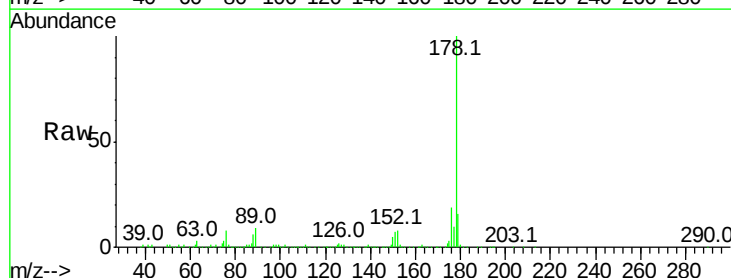
Instrument :
BNA_F
ClientSampleId :

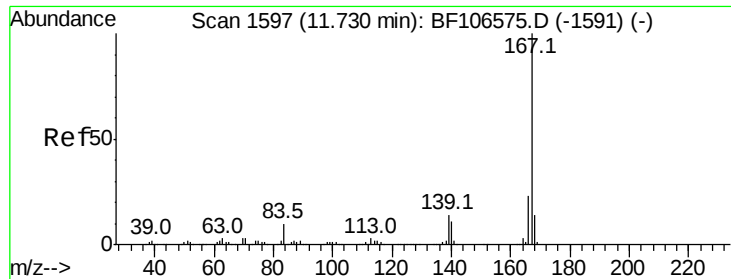
Tot Ion:178 Resp: 359050
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 15.0 13.0 19.6



#71
Anthracene
Concen: 42.451 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Tgt Ion:178 Resp: 302851
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.9 12.6 19.0

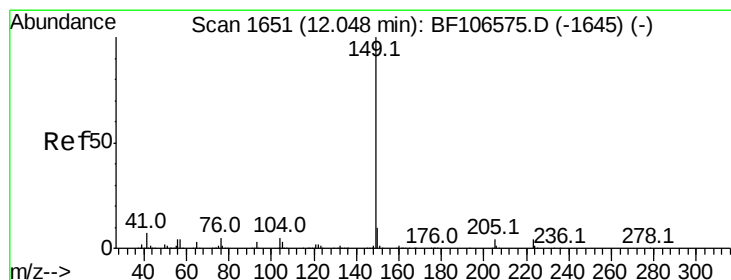
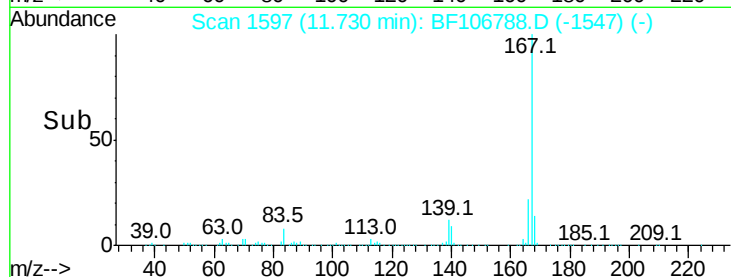
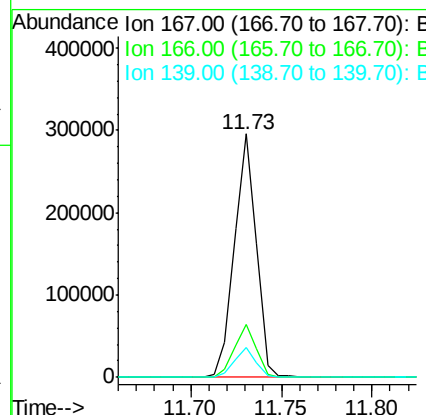
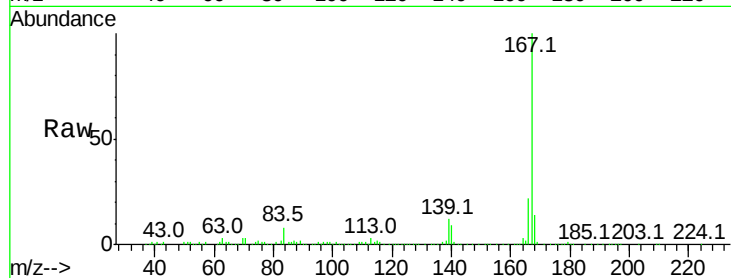




#72
 Carbazole
 Concen: 37.109 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106788.D
 Acq: 25 Jun 2018 22:48

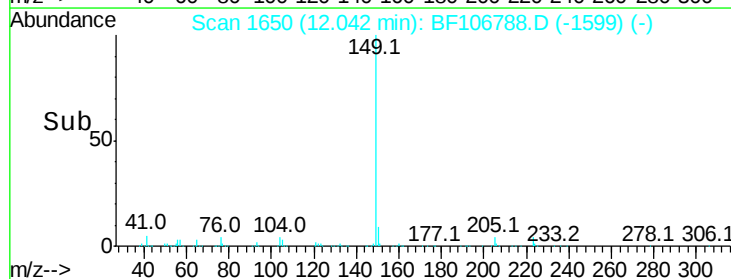
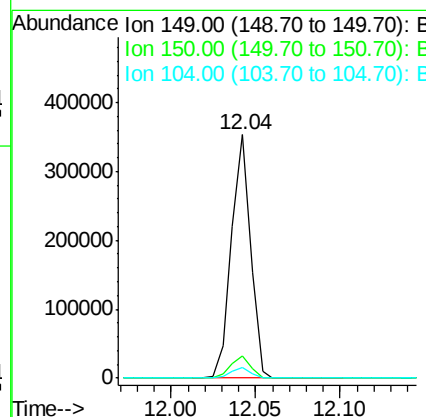
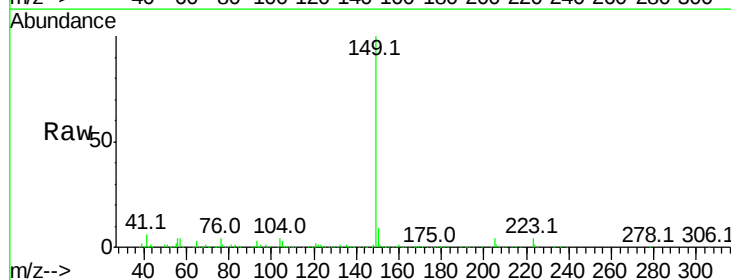
Instrument :
 BNA_F
 ClientSampleId :

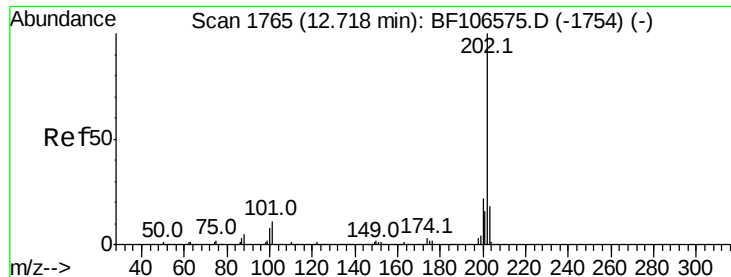
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.6	26.4
139	12.1	10.9	16.3



#73
 Di-n-butylphthalate
 Concen: 35.291 ng
 RT: 12.04 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BF106788.D
 Acq: 25 Jun 2018 22:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	4.3	3.8	5.8





#74

Fluoranthene

Concen: 62.443 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

Instrument :

BNA_F

ClientSampleId :

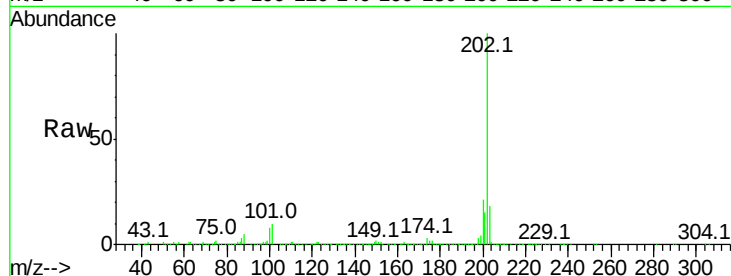
Tot Ion:202 Resp: 481044

Ion Ratio Lower Upper

202 100

101 10.0 0.0 34.1

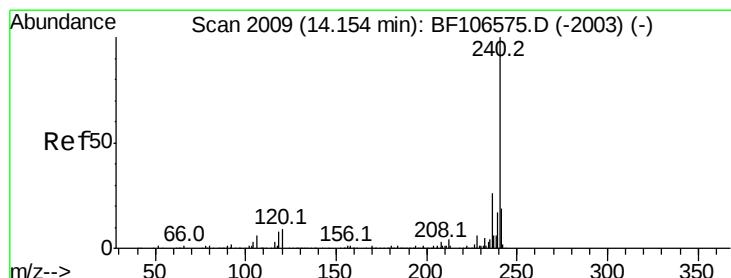
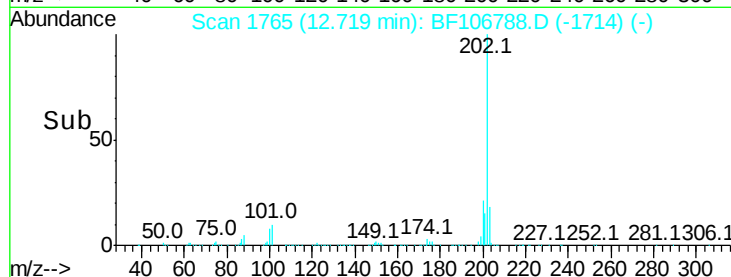
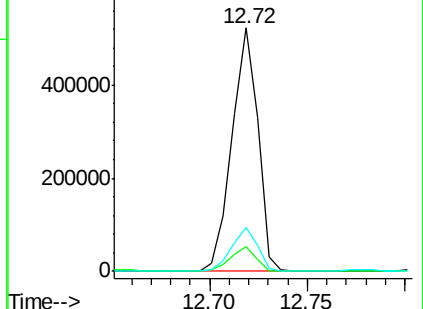
203 17.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

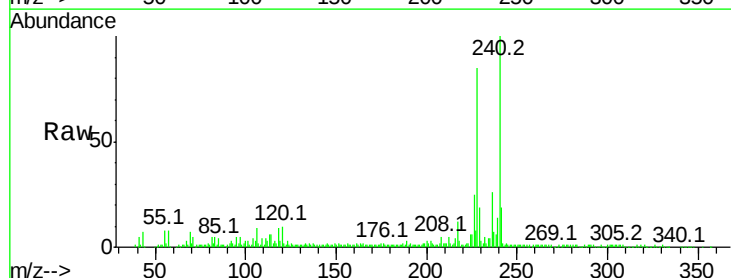
Tgt Ion:240 Resp: 113195

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

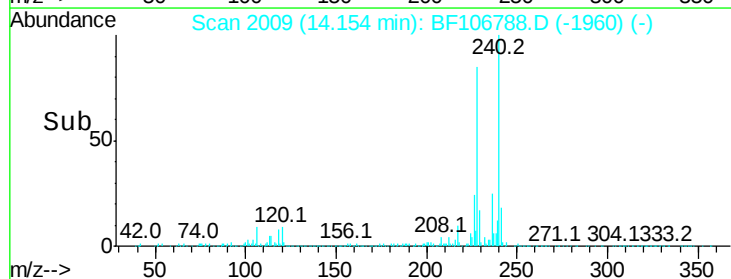
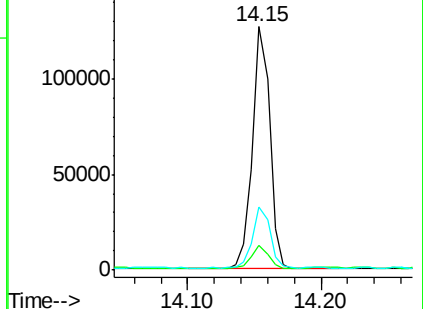
236 25.9 20.7 31.1

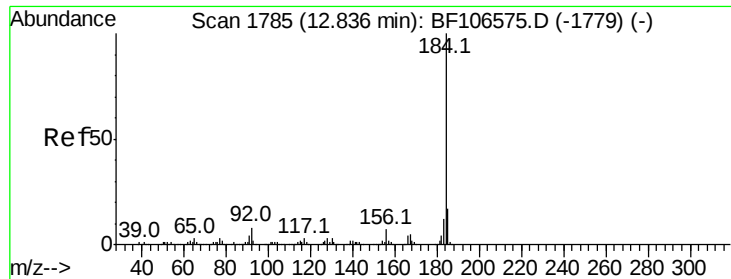


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

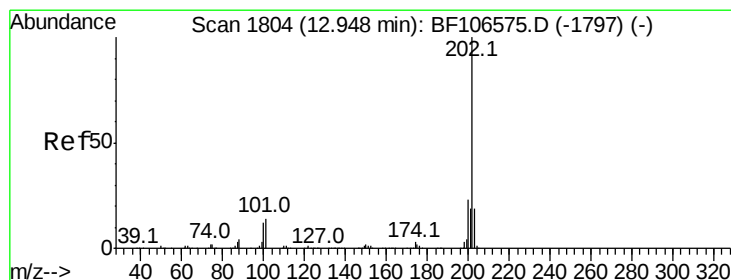
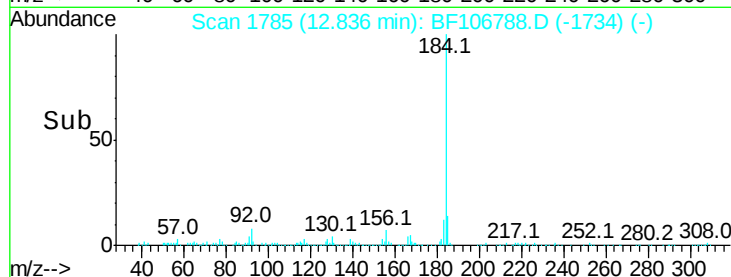
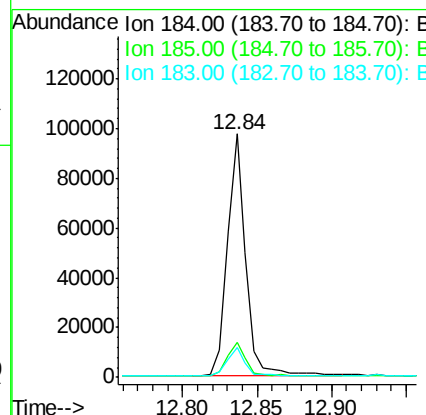
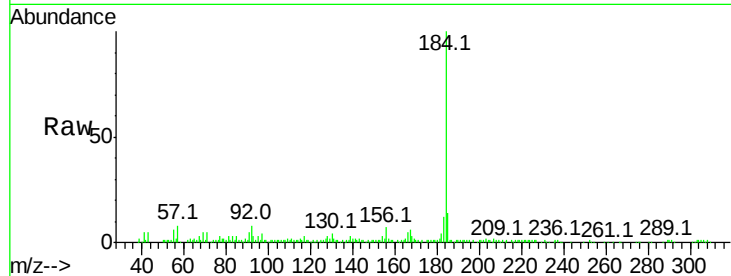




#76
Benzidine
Concen: 26.469 ng
RT: 12.84 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

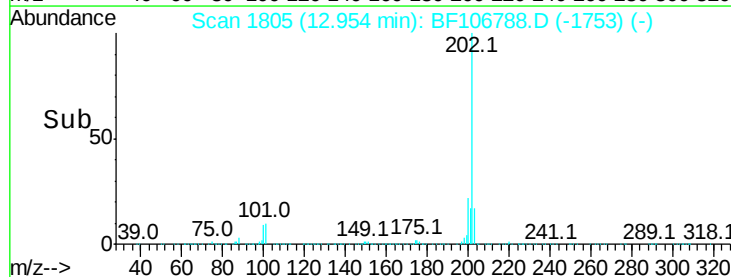
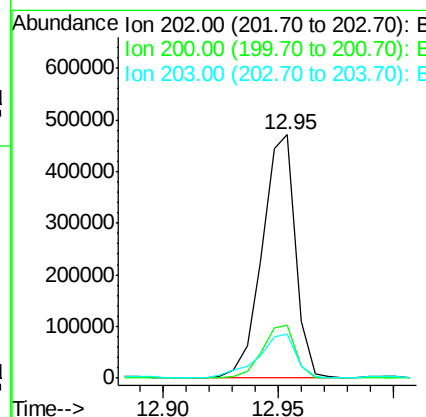
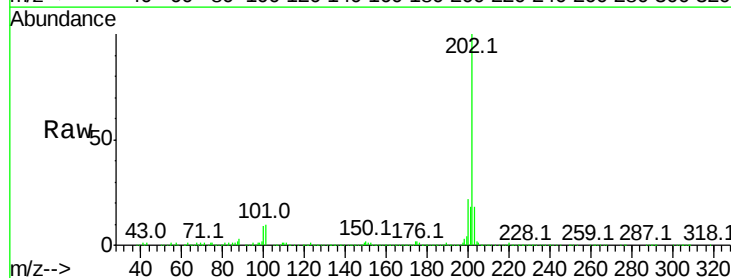
Instrument :
BNA_F
ClientSampleId :

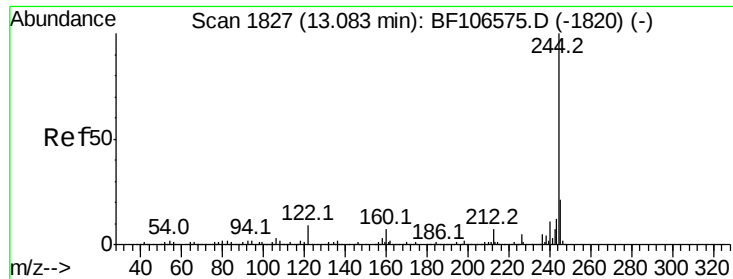
Tot Ion:184 Resp: 85331
Ion Ratio Lower Upper
184 100
185 14.2 12.6 18.8
183 12.3 9.3 13.9



#77
Pyrene
Concen: 63.152 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Tgt Ion:202 Resp: 471393
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.8 14.3 21.5





#78

Terphenyl-d14

Concen: 94.002 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

Instrument :

BNA_F

ClientSampleId :

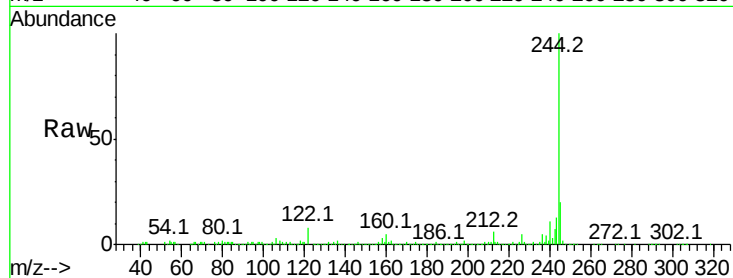
Tot Ion:244 Resp: 439276

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

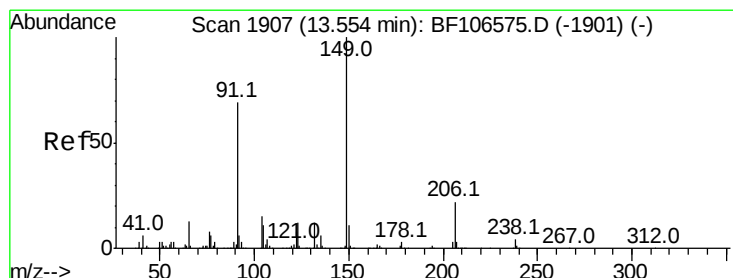
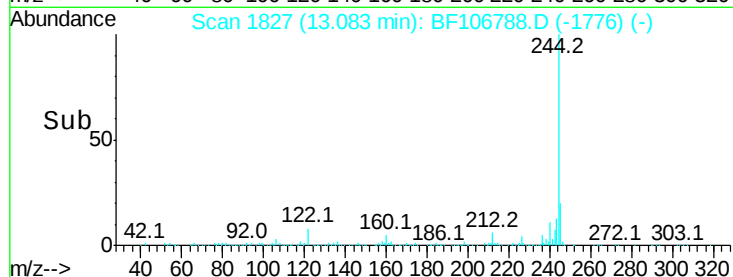
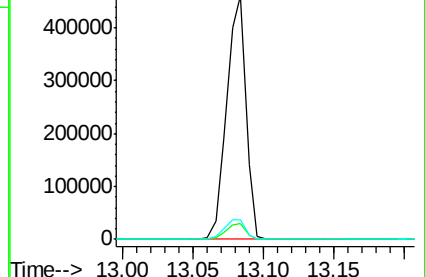
122 7.9 11.0 16.4#



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: 36.790 ng

RT: 13.55 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

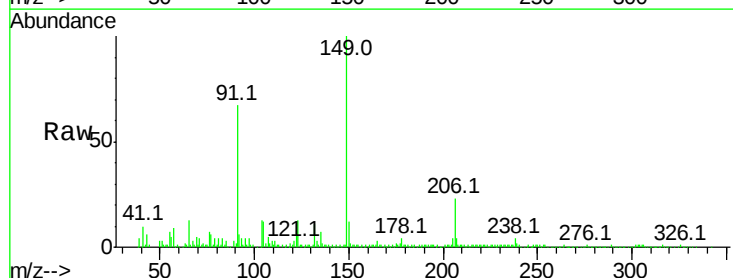
Tgt Ion:149 Resp: 112908

Ion Ratio Lower Upper

149 100

91 67.2 56.8 85.2

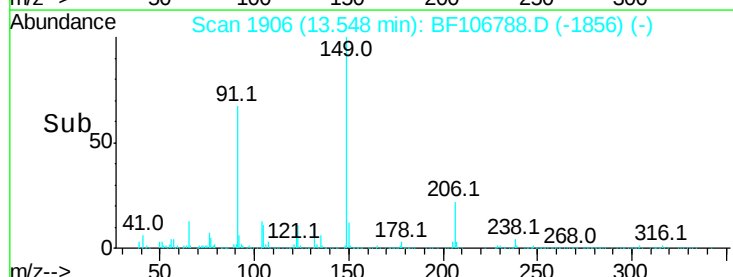
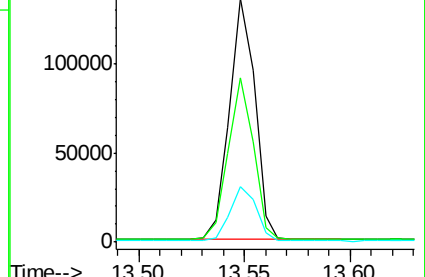
206 22.7 14.1 21.1#

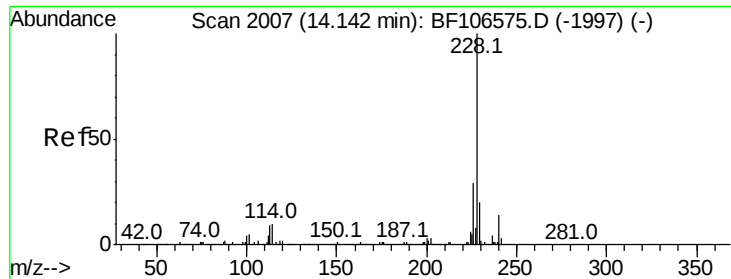


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

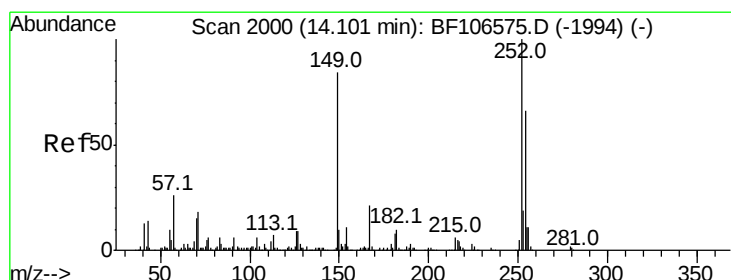
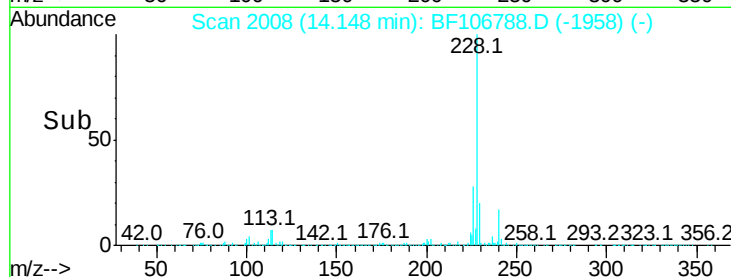
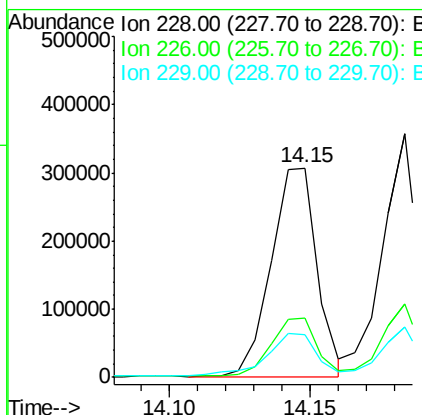
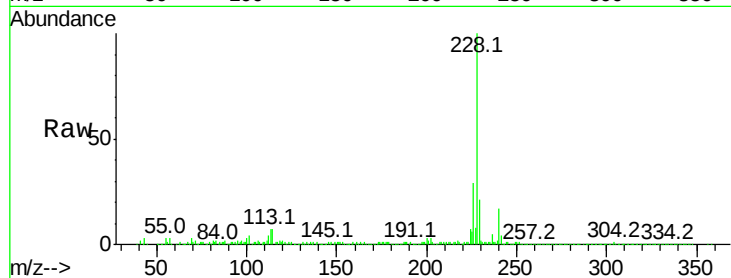




#80
Benzo(a)anthracene
Concen: 49.783 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

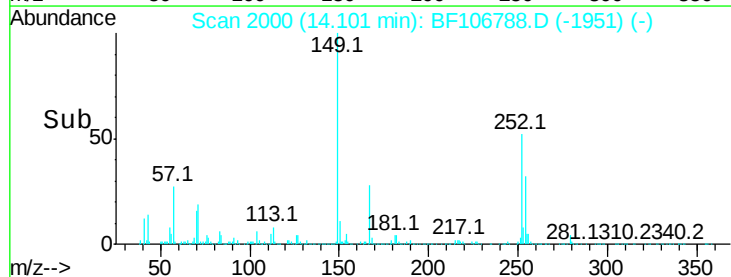
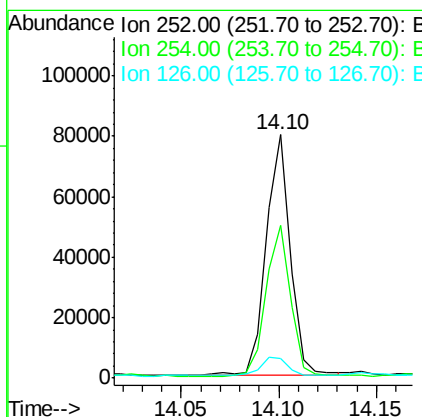
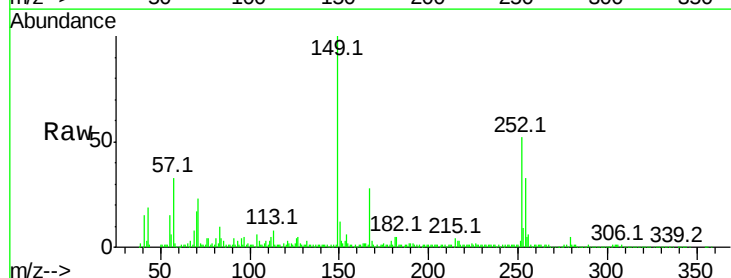
Instrument :
BNA_F
ClientSampled :

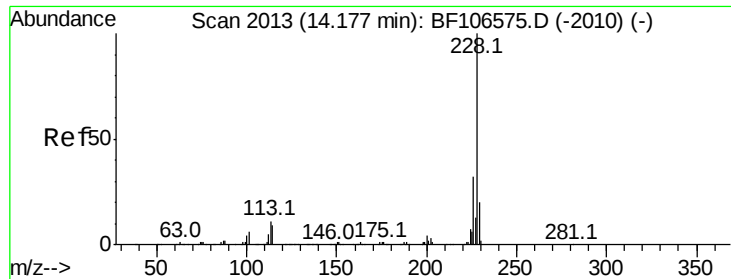
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	20.6	15.8	23.6



#81
3,3'-Dichlorobenzidine
Concen: 28.180 ng
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.6	50.4	75.6
126	8.2	11.3	16.9

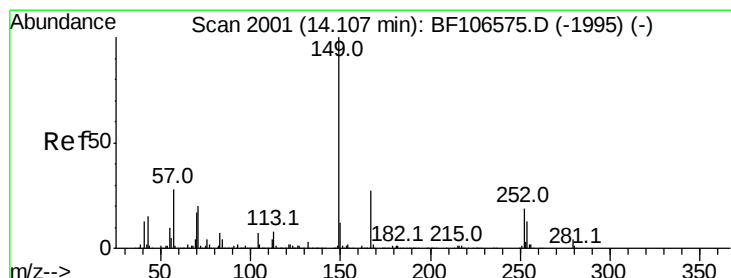
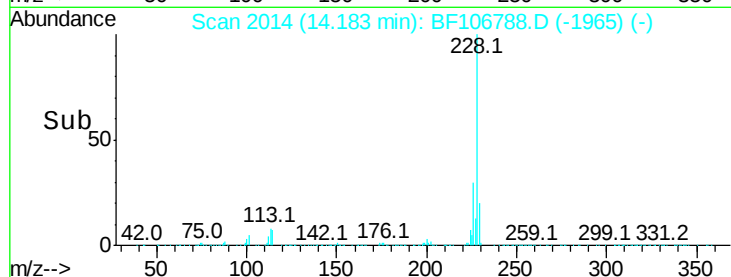
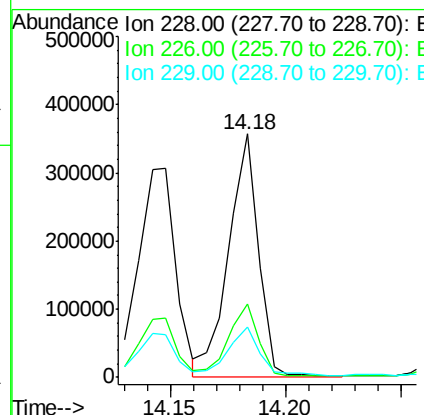
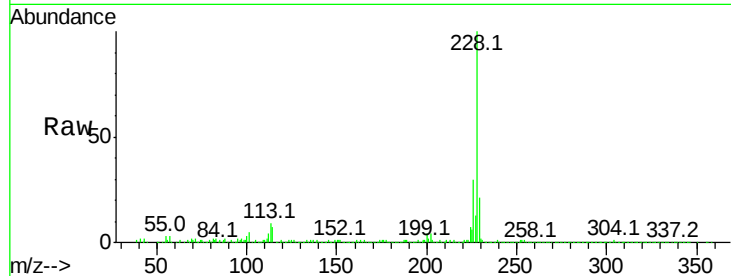




#82
 Chrysene
 Concen: 49.941 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF106788.D
 Acq: 25 Jun 2018 22:48

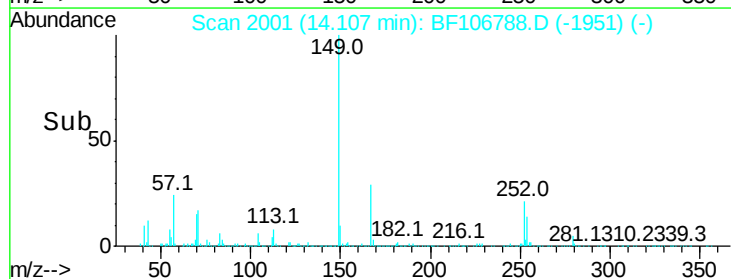
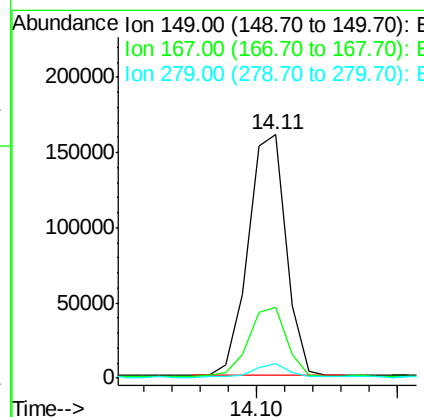
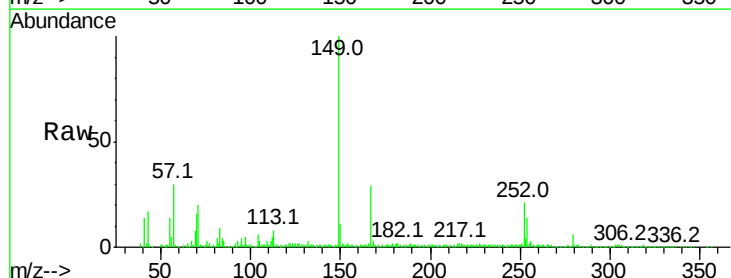
Instrument :
 BNA_F
 ClientSampleId :

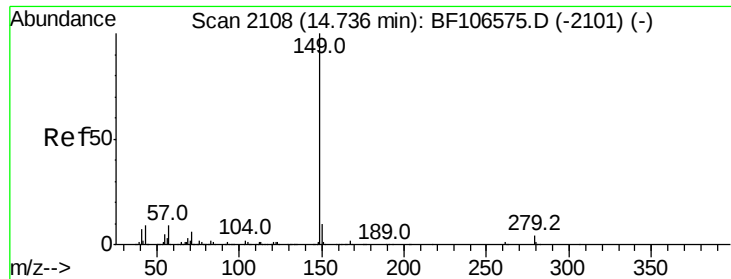
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	20.8	16.2	24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.240 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF106788.D
 Acq: 25 Jun 2018 22:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	21.3	31.9
279	5.7	3.0	4.4

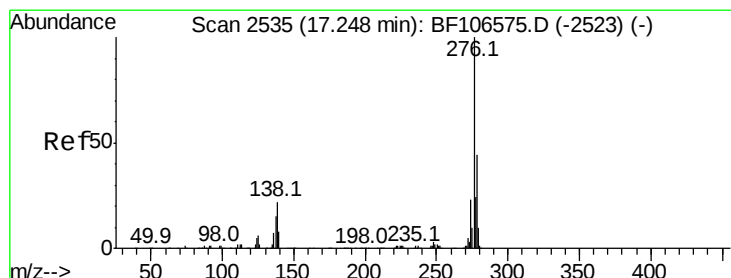
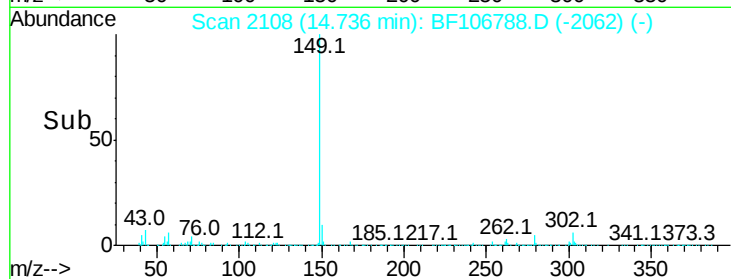
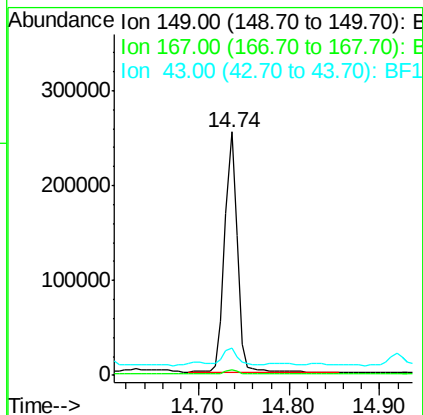
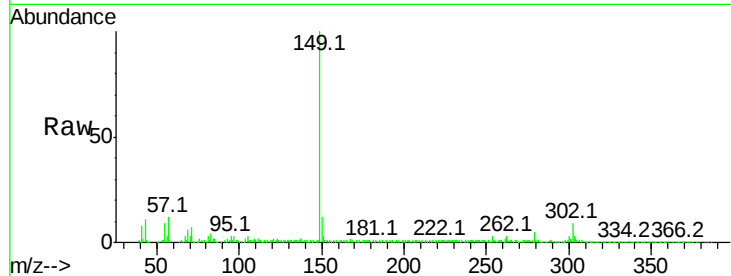




#84
Di-n-octyl phthalate
Concen: 38.481 ng
RT: 14.74 min Scan# 2108
Delta R.T. -0.03 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

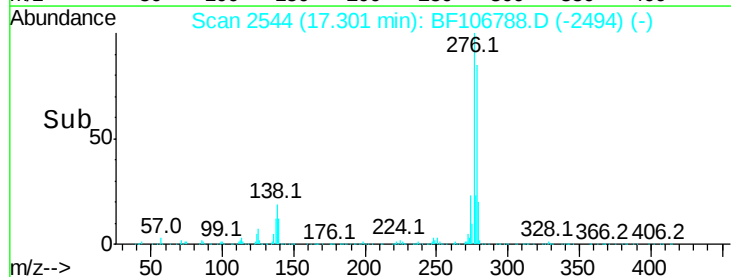
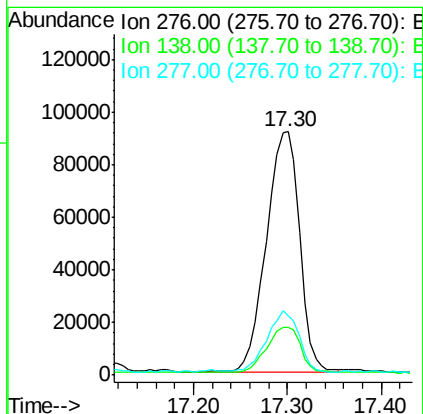
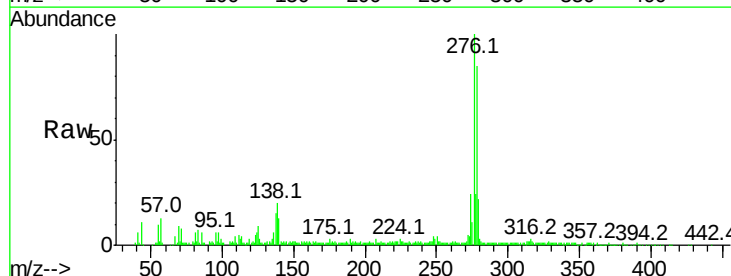
Instrument :
BNA_F
ClientSampleId :

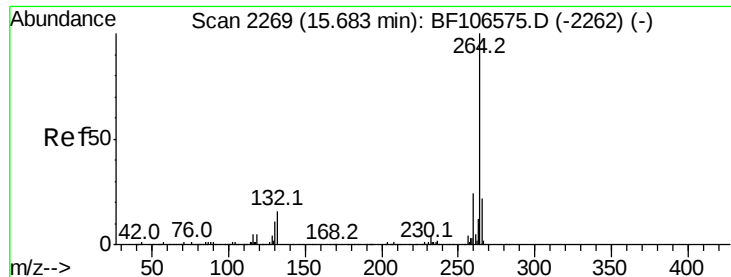
Tot Ion:149 Resp: 246114
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 6.9 8.4 12.6#



#85
Indeno(1,2,3-cd)pyrene
Concen: 41.539 ng
RT: 17.30 min Scan# 2544
Delta R.T. -0.01 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Tgt Ion:276 Resp: 223736
Ion Ratio Lower Upper
276 100
138 19.0 25.0 37.6#
277 24.6 20.1 30.1



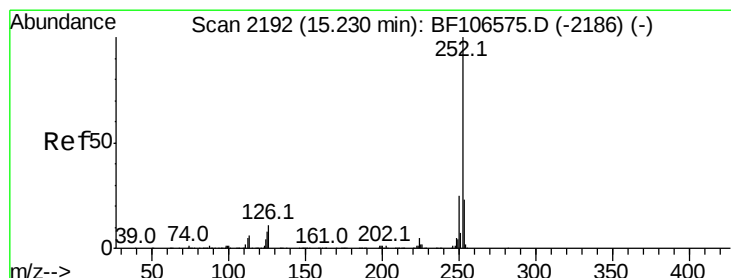
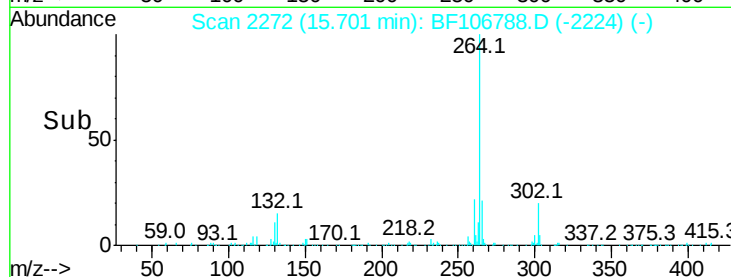
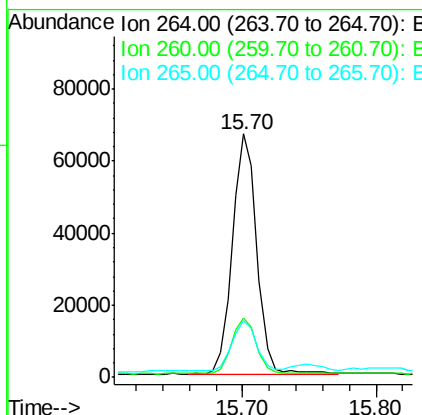
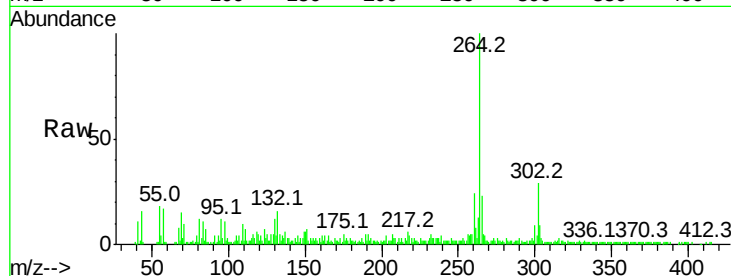


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 84852

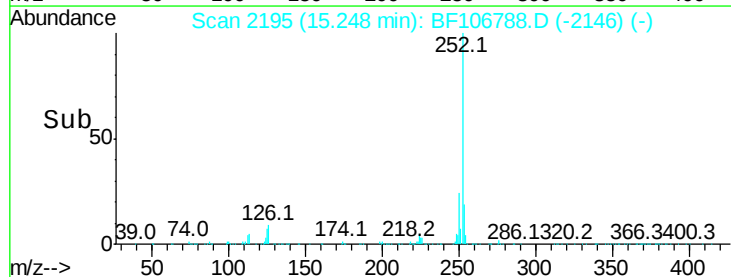
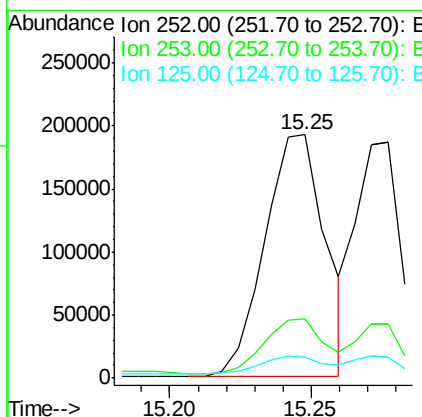
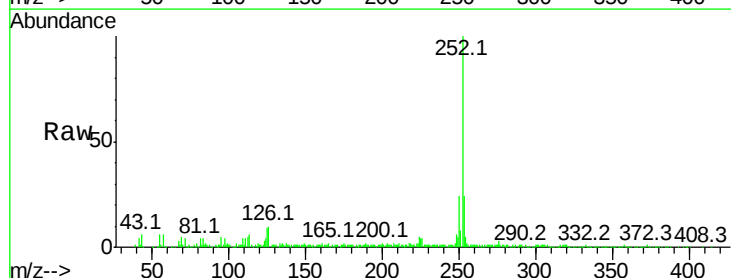
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	23.5	17.5	26.3

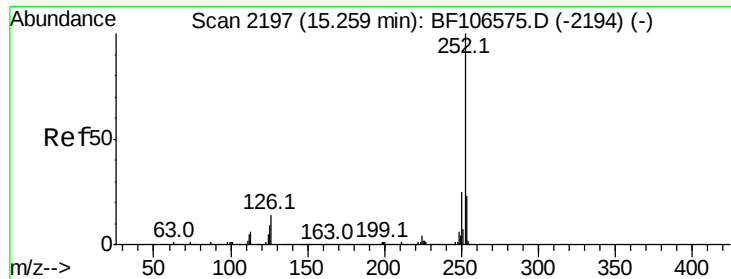


#87
Benzo(b)fluoranthene
Concen: 54.208 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Tgt Ion:252 Resp: 285727

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.6
125	8.6	9.0	13.6

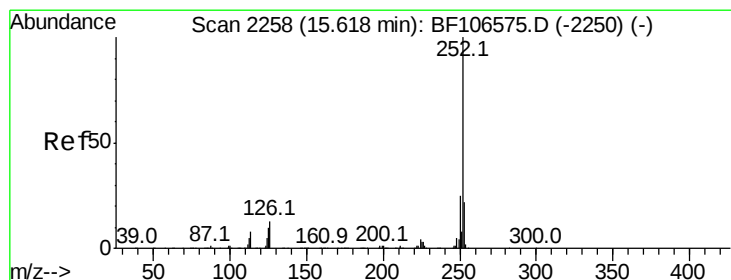
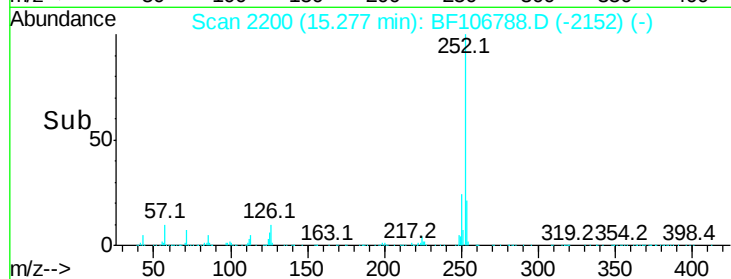
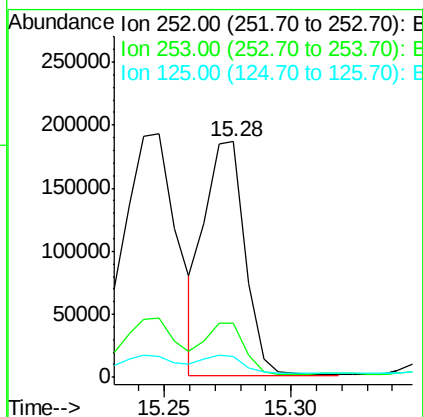
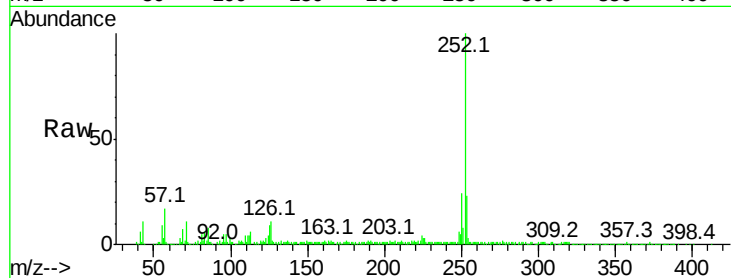




#88
Benzo(k)fluoranthene
Concen: 41.178 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

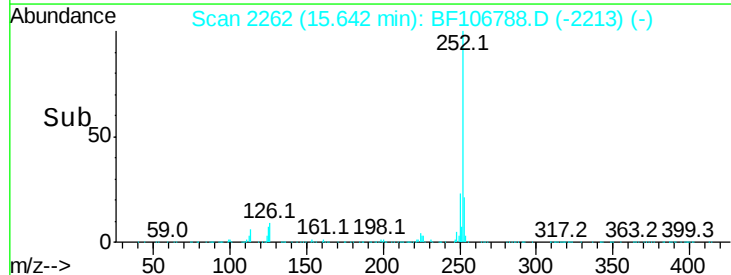
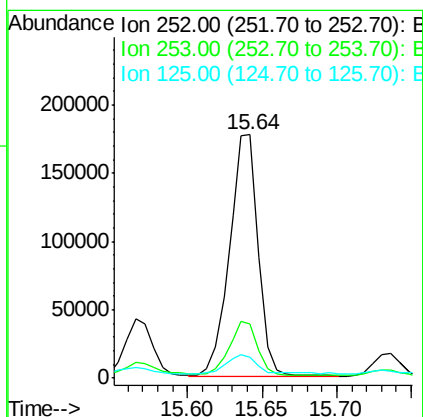
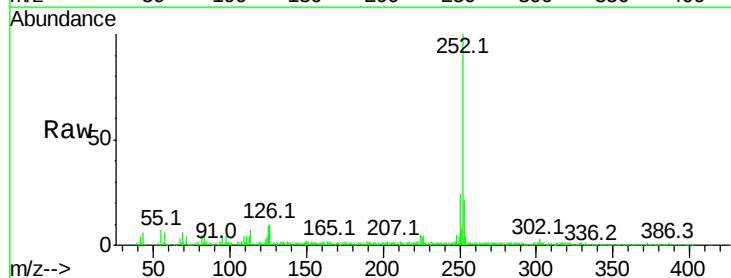
Instrument :
BNA_F
ClientSampleId :

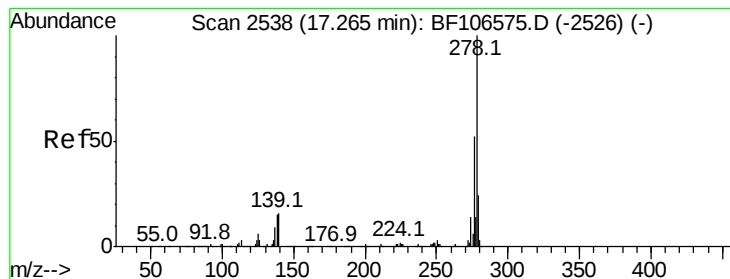
Tot Ion:252 Resp: 206694
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 8.6 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 50.868 ng
RT: 15.64 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF106788.D
Acq: 25 Jun 2018 22:48

Tgt Ion:252 Resp: 238355
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 8.8 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 39.640 ng

RT: 17.31 min Scan# 2545

Delta R.T. -0.02 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

Instrument :

BNA_F

ClientSampleId :

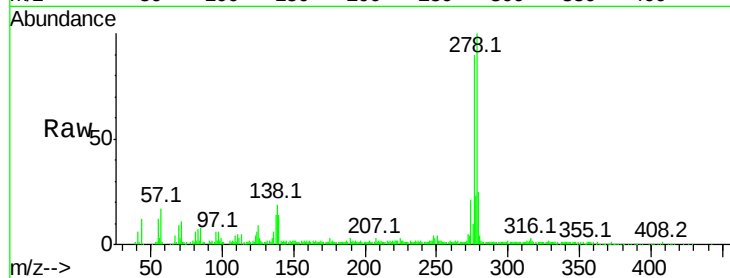
Tot Ion:278 Resp: 157417

Ion Ratio Lower Upper

278 100

139 13.9 15.9 23.9#

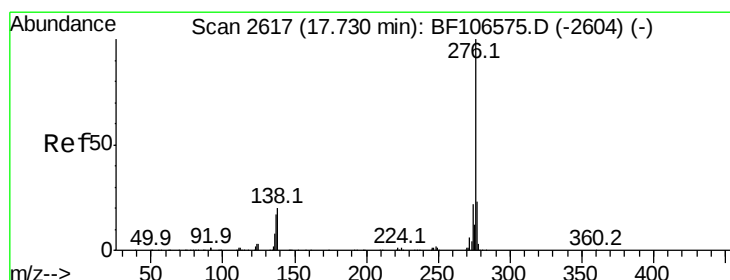
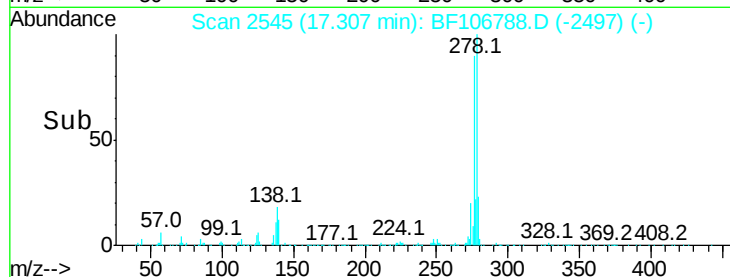
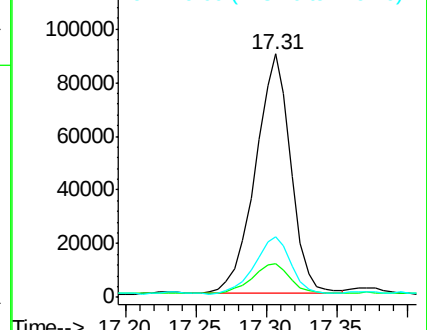
279 24.8 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 50.794 ng

RT: 17.78 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BF106788.D

Acq: 25 Jun 2018 22:48

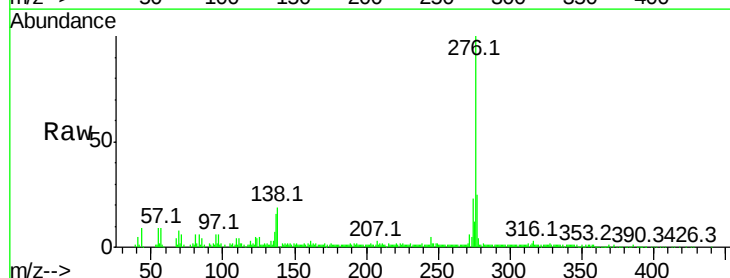
Tgt Ion:276 Resp: 197155

Ion Ratio Lower Upper

276 100

277 24.6 17.9 26.9

138 18.6 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

