

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106790.D
 Acq On : 25 Jun 2018 23:40
 Operator : JU/SJ
 Sample : J3626-02MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 02:11:44 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	51591	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	181095	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	80185	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	144441	20.00	ng	0.00
75) Chrysene-d12	14.15	240	122601	20.00	ng	-0.01
86) Perylene-d12	15.69	264	92138	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	264318	86.75	ng	0.00
7) Phenol-d6	6.61	99	370130	97.28	ng	0.00
23) Nitrobenzene-d5	7.53	82	237740	72.96	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	76387	82.19	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	413692	87.81	ng	0.00
78) Terphenyl-d14	13.08	244	441785	87.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	42924	27.403	ng	98
3) Pyridine	3.64	79	124588	29.328	ng	95
4) n-Nitrosodimethylamine	3.60	42	50958	28.243	ng	87
6) Aniline	6.63	93	113958	22.080	ng	# 83
8) 2-Chlorophenol	6.76	128	106042	31.733	ng	94
9) Benzaldehyde	6.52	77	54154	18.026	ng	93
10) Phenol	6.62	94	144754	33.337	ng	78
11) bis(2-Chloroethyl)ether	6.70	93	117102	32.667	ng	99
12) 1,3-Dichlorobenzene	6.91	146	134046	34.249	ng	97
13) 1,4-Dichlorobenzene	6.98	146	134613	34.019	ng	97
14) 1,2-Dichlorobenzene	7.14	146	125594	34.633	ng	96
15) Benzyl Alcohol	7.11	79	99033	32.416	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.23	45	159895	33.997	ng	69
17) 2-Methylphenol	7.22	107	95614	33.434	ng	# 91
18) Hexachloroethane	7.47	117	34258	24.619	ng	# 82
19) n-Nitroso-di-n-propylamine	7.37	70	74632	29.758	ng	94
20) 3+4-Methylphenols	7.38	107	117956	36.178	ng	# 84
22) Acetophenone	7.37	105	150142	37.058	ng	# 97
24) Nitrobenzene	7.55	77	116896	35.136	ng	99
25) Isophorone	7.78	82	211439	36.822	ng	99
26) 2-Nitrophenol	7.86	139	40990	26.099	ng	99
27) 2,4-Dimethylphenol	7.90	122	100458	41.383	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	138863	36.017	ng	98
29) 2,4-Dichlorophenol	8.11	162	87460	34.413	ng	96
30) 1,2,4-Trichlorobenzene	8.18	180	110408	39.435	ng	95
31) Naphthalene	8.27	128	368928	43.574	ng	99
32) Benzoic acid	7.90	122	100458	55.830	ng	# 12
33) 4-Chloroaniline	8.32	127	85280	24.005	ng	98
34) Hexachlorobutadiene	8.38	225	73284	40.171	ng	99
35) Caprolactam	8.67	113	27583	33.295	ng	98
36) 4-Chloro-3-methylphenol	8.81	107	93484	34.947	ng	98
37) 2-Methylnaphthalene	8.96	142	270668	48.231	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	111522	41.299	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	3078	2.215	ng	98

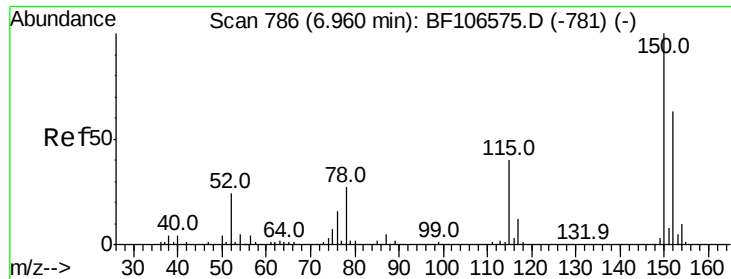
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	26152	14.569	nq	94
43) 2,4,5-Trichlorophenol	9.29	196	46266	24.701	nq	90
45) 1,1'-Biphenyl	9.42	154	276902	43.331	nq	98
46) 2-Chloronaphthalene	9.45	162	180268	35.838	nq	94
47) 2-Nitroaniline	9.55	65	58786	34.754	nq	97
48) Acenaphthylene	9.87	152	285244	35.918	nq	100
49) Dimethylphthalate	9.72	163	262166	43.593	nq	99
50) 2,6-Dinitrotoluene	9.79	165	42907	33.693	nq	86
51) Acenaphthene	10.04	154	283241	56.638	nq	98
52) 3-Nitroaniline	9.97	138	50708	34.603	nq	91
54) Dibenzofuran	10.21	168	397976	58.118	nq	96
55) 4-Nitrophenol	10.14	139	10348	10.116	nq	97
56) 2,4-Dinitrotoluene	10.20	165	49639	29.863	nq	# 86
57) Fluorene	10.56	166	313182	57.635	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	13824	9.285	nq	# 60
59) Diethylphthalate	10.41	149	196442	33.843	nq	# 94
60) 4-Chlorophenyl-phenylether	10.54	204	102410	36.020	nq	# 85
61) 4-Nitroaniline	10.58	138	53451	36.752	nq	94
62) Azobenzene	10.70	77	171939	30.080	nq	92
65) n-Nitrosodiphenylamine	10.66	169	168556	34.694	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	67033	38.886	nq	# 77
67) Hexachlorobenzene	11.11	284	67269	37.284	nq	# 83
68) Atrazine	11.19	200	57640	37.320	nq	95
69) Pentachlorophenol	11.31	266	3215	3.571	nq	92
70) Phenanthrene	11.54	178	944443	135.566	nq	98
71) Anthracene	11.58	178	404291	56.855	nq	100
72) Carbazole	11.73	167	293321	44.058	nq	98
73) Di-n-butylphthalate	12.04	149	283482	36.144	nq	99
74) Fluoranthene	12.72	202	865028	112.653	nq	96
76) Benzidine	12.84	184	164580	47.135	nq	98
77) Pyrene	12.96	202	718813	88.910	nq	99
79) Butylbenzylphthalate	13.55	149	119299	35.890	nq	# 98
80) Benzo(a)anthracene	14.15	228	389982	52.191	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	89434	34.055	nq	# 95
82) Chrysene	14.18	228	358467	52.146	nq	100
83) Bis(2-ethylhexyl)phthalate	14.10	149	158307	37.252	nq	98
84) Di-n-octyl phthalate	14.74	149	273498	39.482	nq	# 94
85) Indeno(1,2,3-cd)pyrene	17.28	276	208799	35.791	nq	# 89
87) Benzo(b)fluoranthene	15.27	252	218482	38.172	nq	96
88) Benzo(k)fluoranthene	15.27	252	218482	40.085	nq	# 96
89) Benzo(a)pyrene	15.63	252	218473	42.938	nq	# 96
90) Dibenzo(a,h)anthracene	17.28	278	162726	37.737	nq	# 93
91) Benzo(g,h,i)perylene	17.75	276	174417	41.383	nq	# 90

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

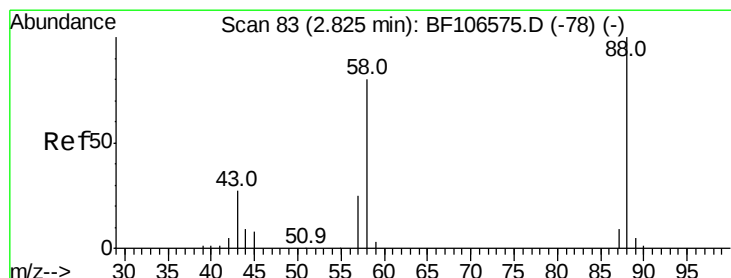
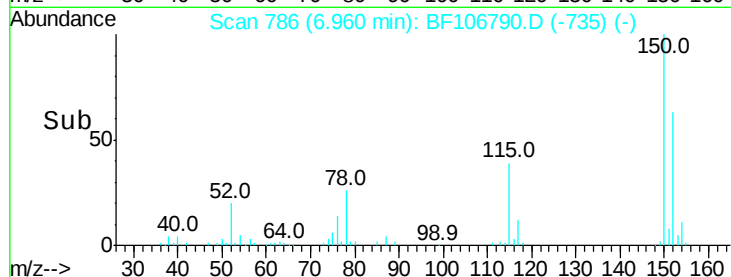
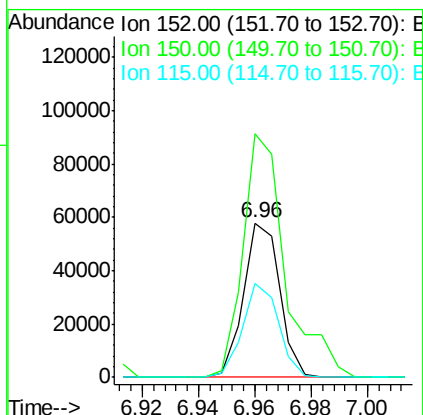
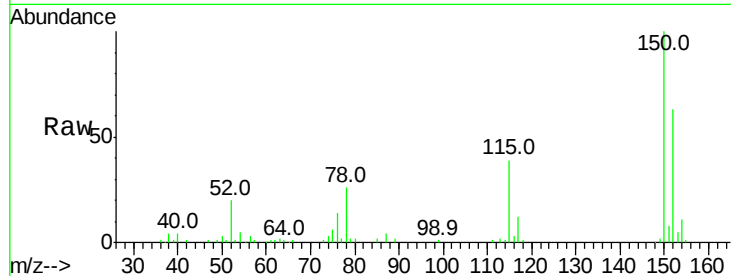


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF106790.D
 Acq: 25 Jun 2018 23:40

Instrument :
 BNA_F
 ClientSampleId :

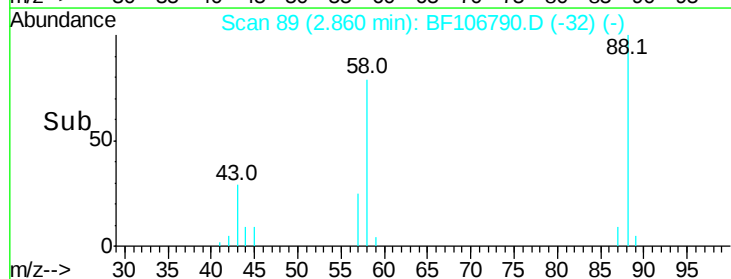
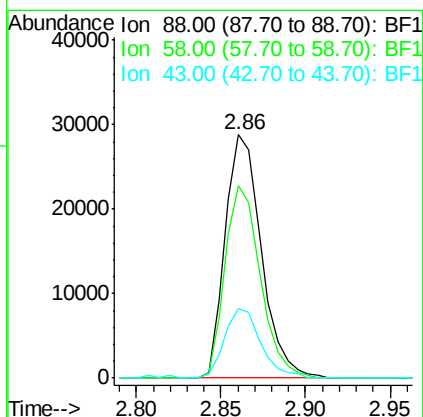
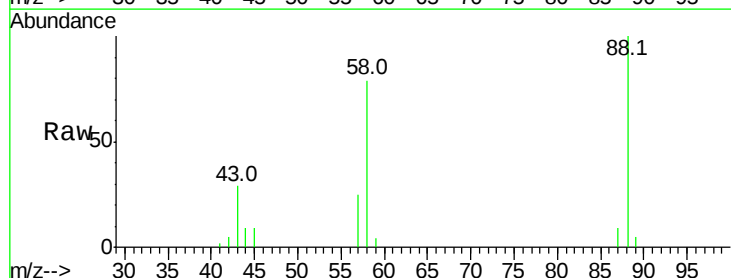
Tot Ion:152 Resp: 51591
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.6 186.8
 115 61.0 50.1 75.1

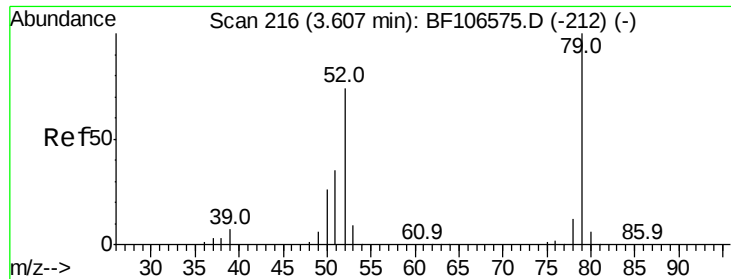


#2

1,4-Dioxane
 Concen: 27.403 ng
 RT: 2.86 min Scan# 89
 Delta R.T. 0.04 min
 Lab File: BF106790.D
 Acq: 25 Jun 2018 23:40

Tgt Ion: 88 Resp: 42924
 Ion Ratio Lower Upper
 88 100
 58 77.1 62.6 93.8
 43 28.5 24.6 37.0





#3

Pvridine

Concen: 29.328 ng

RT: 3.64 min Scan# 221

Delta R.T. 0.03 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA_F

ClientSampleId :

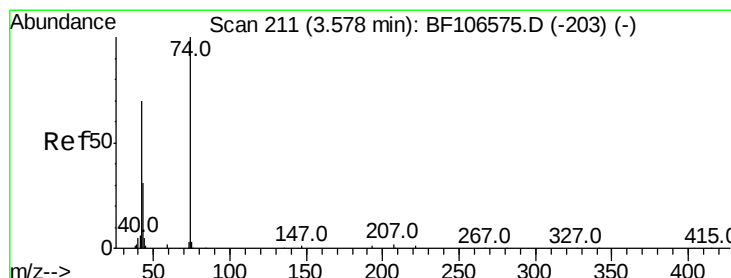
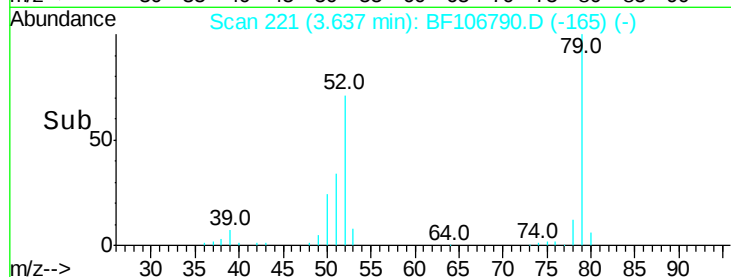
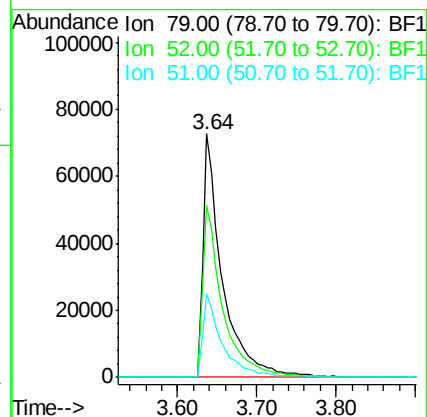
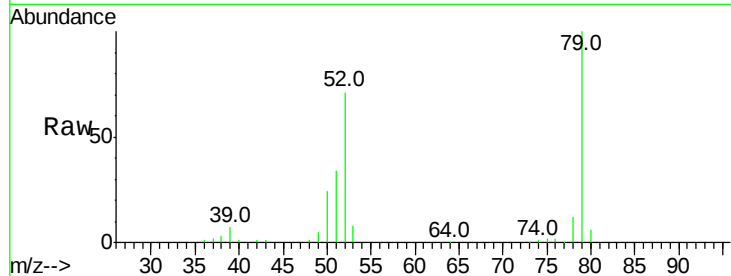
Tot Ion: 79 Resp: 124588

Ion Ratio Lower Upper

79 100

52 70.5 59.8 89.6

51 34.4 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 28.243 ng

RT: 3.60 min Scan# 215

Delta R.T. 0.01 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

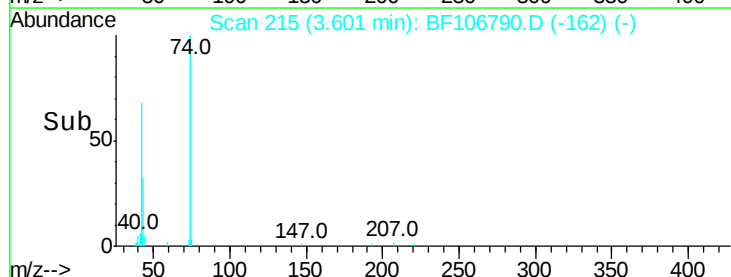
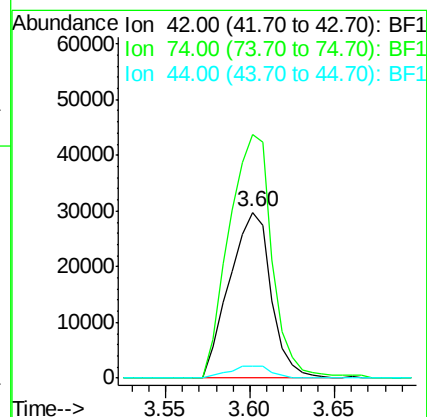
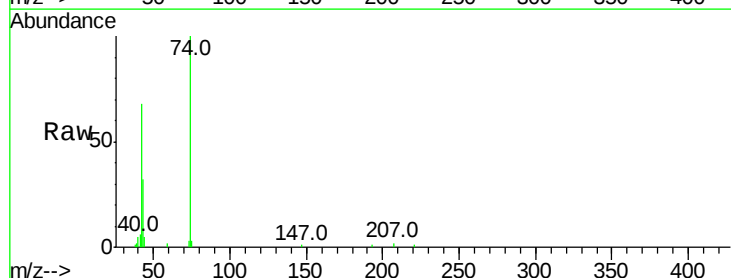
Tgt Ion: 42 Resp: 50958

Ion Ratio Lower Upper

42 100

74 147.1 104.9 157.3

44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 86.754 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA_F

ClientSampled :

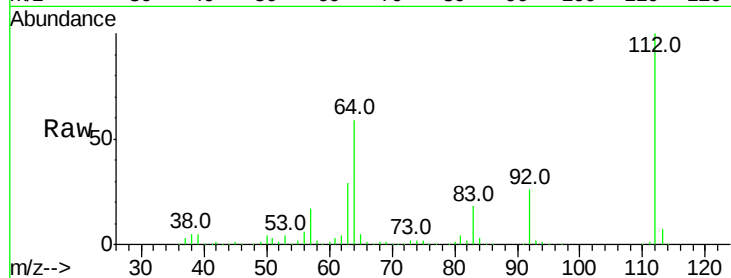
Tot Ion:112 Resp: 264318

Ion Ratio Lower Upper

112 100

64 58.9 47.9 71.9

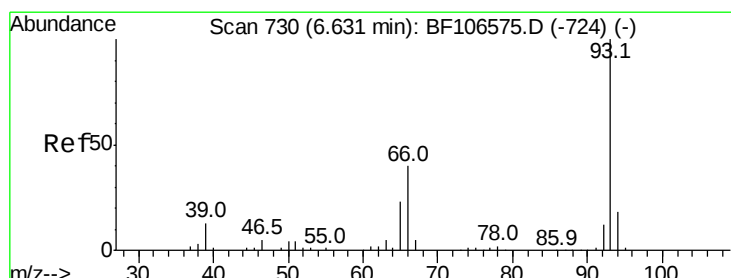
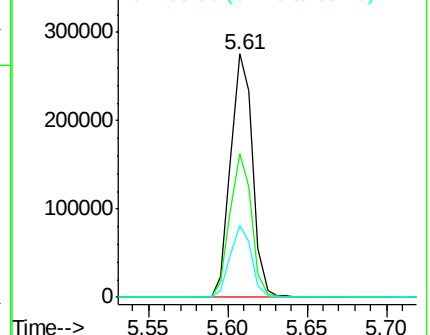
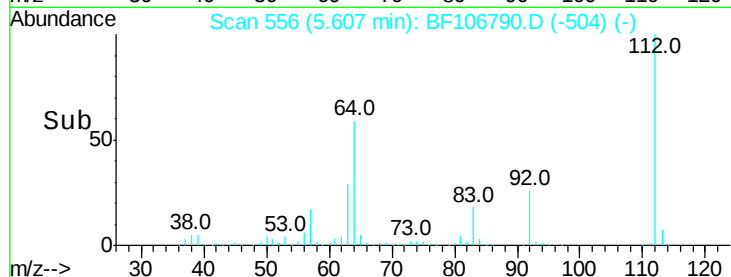
63 29.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.080 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

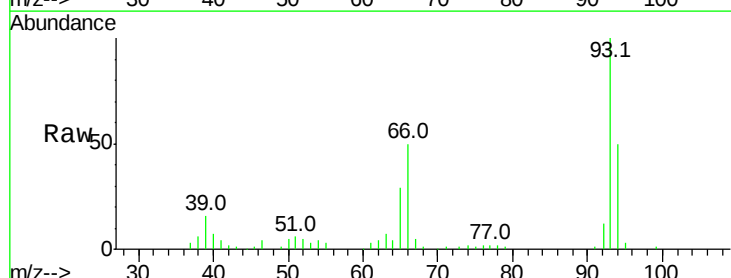
Tgt Ion: 93 Resp: 113958

Ion Ratio Lower Upper

93 100

66 50.3 32.2 48.2#

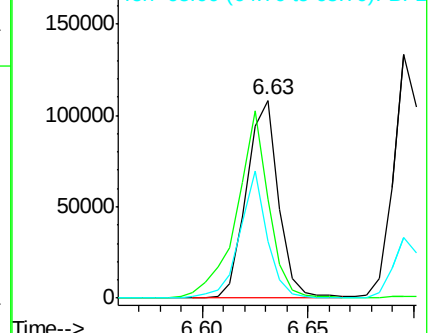
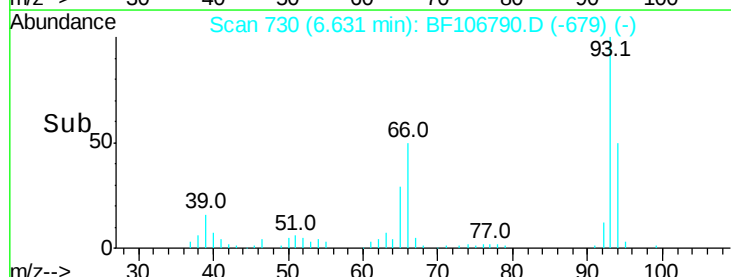
65 28.7 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.280 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA_F

ClientSampleId :

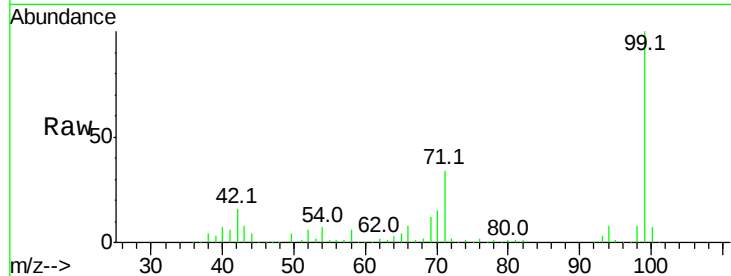
Tot Ion: 99 Resp: 370130

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

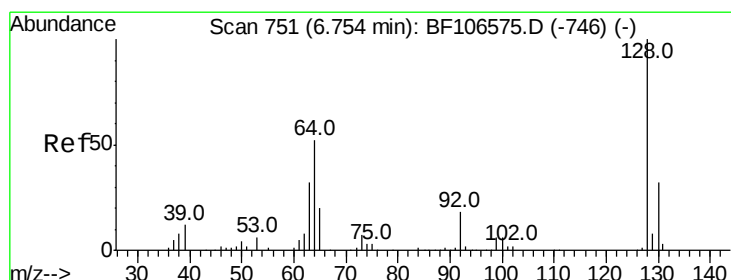
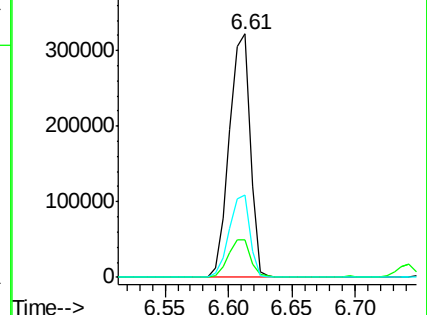
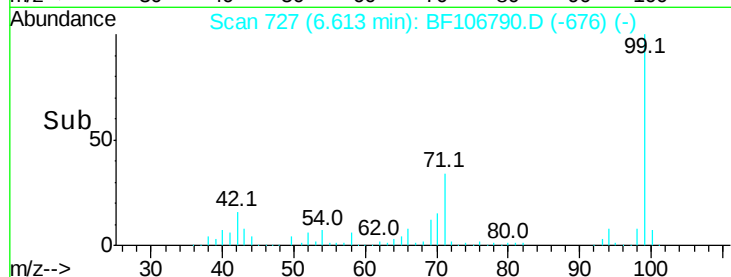
71 33.7 25.4 38.0



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: 31.733 ng

RT: 6.76 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

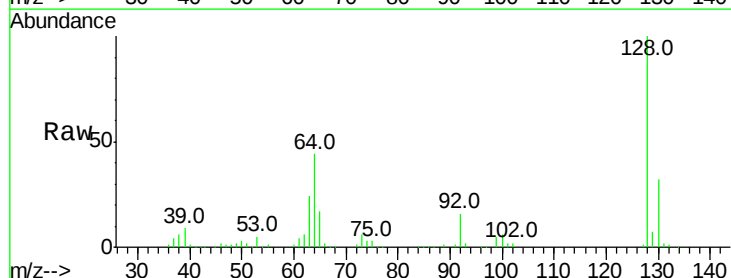
Tgt Ion:128 Resp: 106042

Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

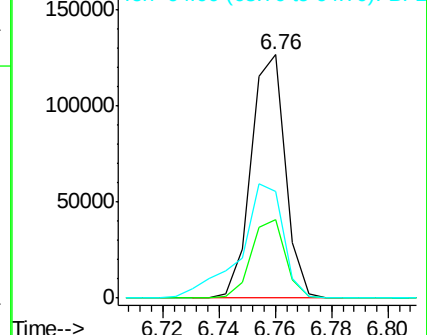
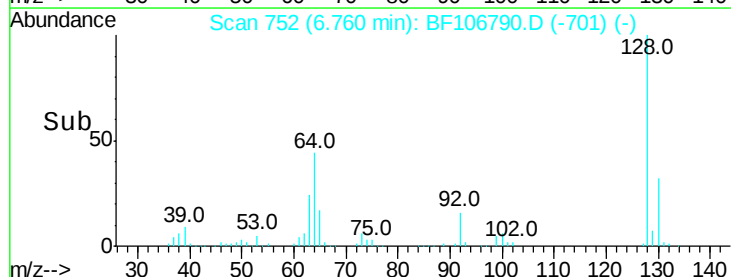
64 43.6 29.4 69.4

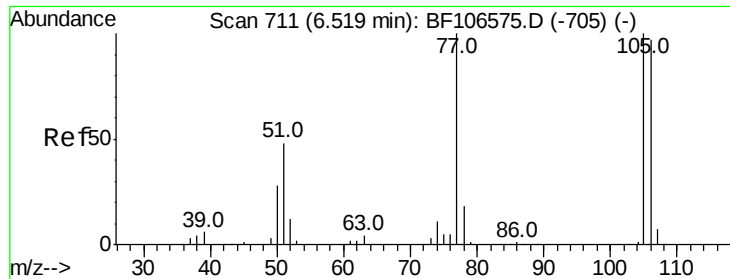


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

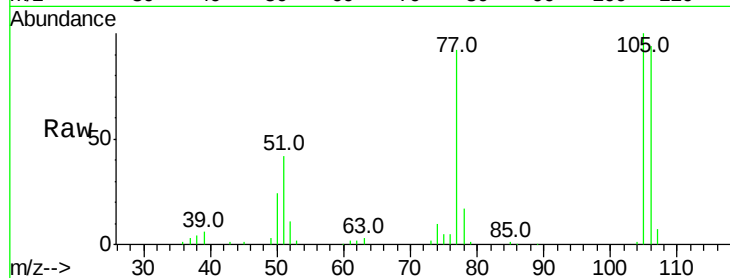




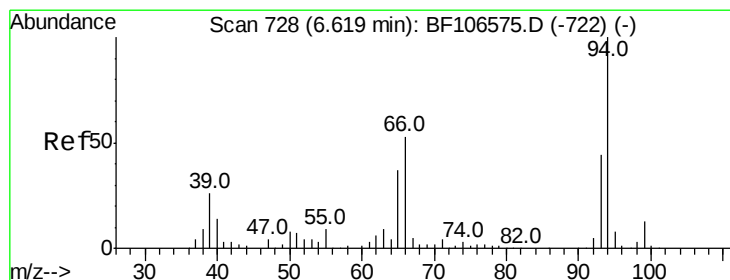
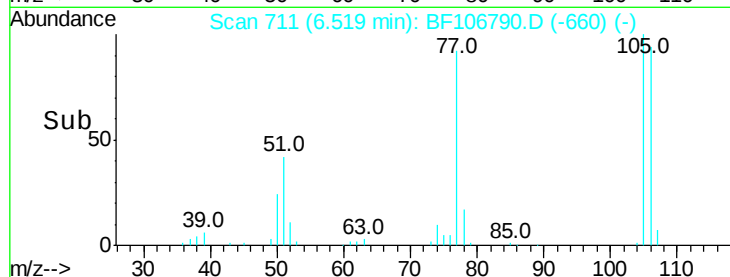
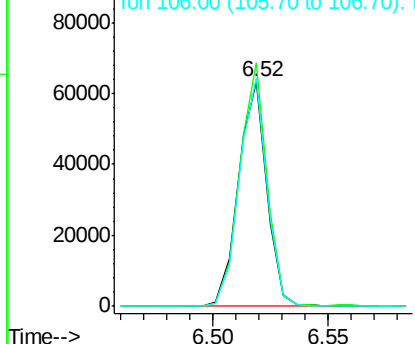
#9
Benzaldehyde
Concen: 18.026 ng
RT: 6.52 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 54154
Ion Ratio Lower Upper
77 100
105 108.2 81.1 121.1
106 101.5 74.5 114.5

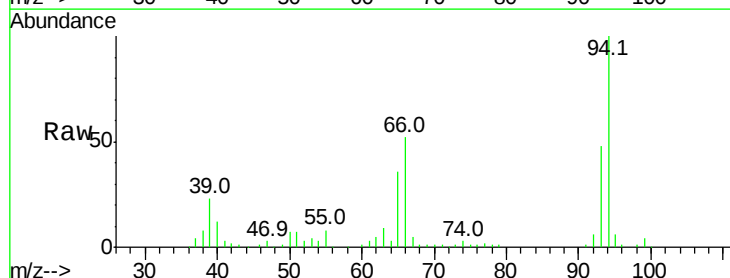


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

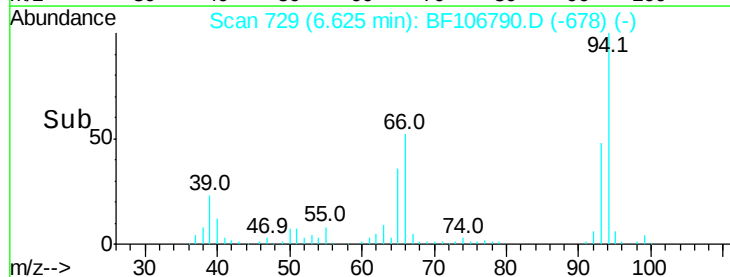
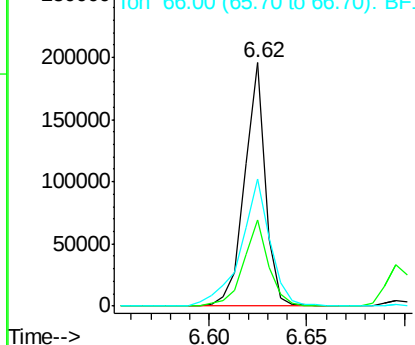


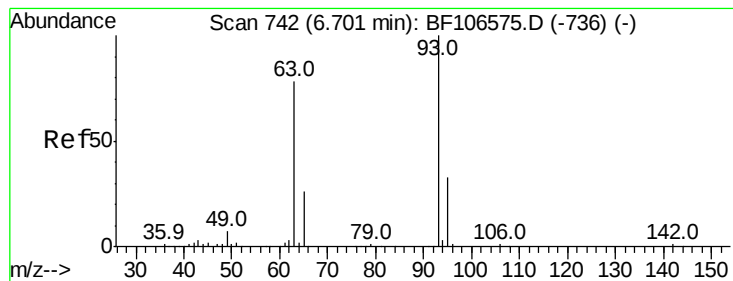
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Phenol
Concen: 33.337 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

Tgt Ion: 94 Resp: 144754
Ion Ratio Lower Upper
94 100
65 35.6 7.9 47.9
66 52.3 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: 32.667 ng

RT: 6.70 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA_F

ClientSampleId :

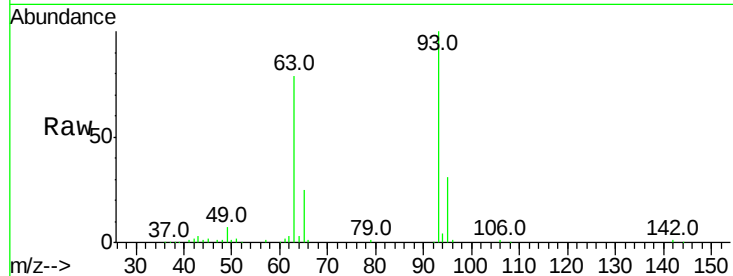
Tot Ion: 93 Resp: 117102

Ion Ratio Lower Upper

93 100

63 79.4 58.6 98.6

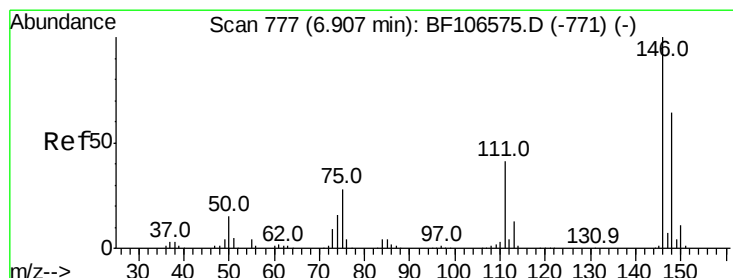
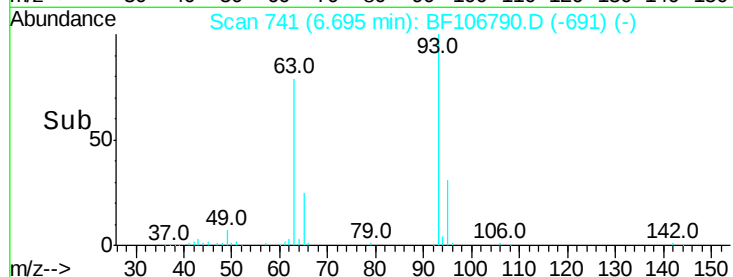
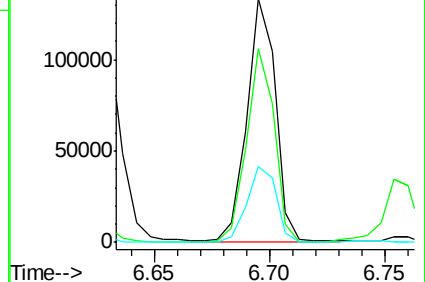
95 31.3 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 34.249 ng

RT: 6.91 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

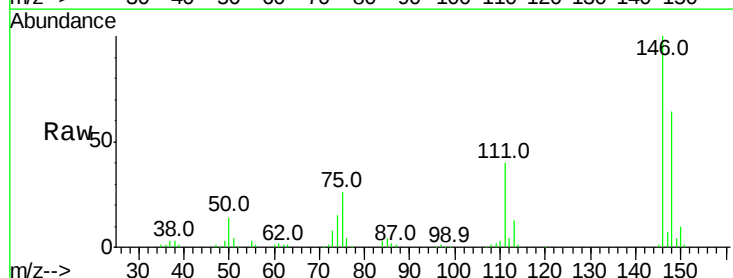
Tgt Ion: 146 Resp: 134046

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

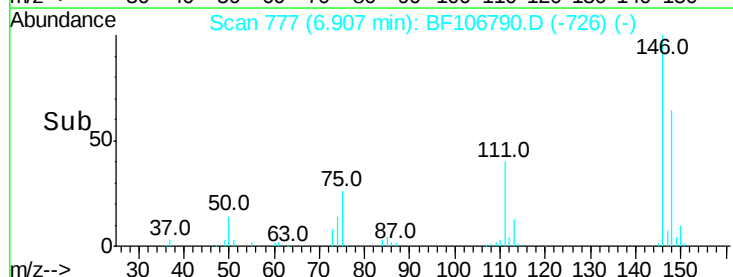
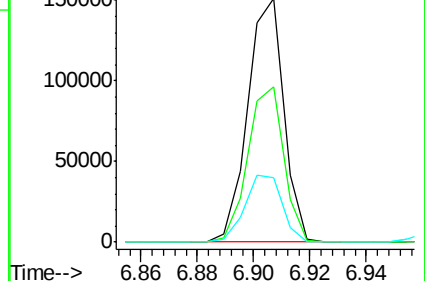
75 26.3 24.2 36.4

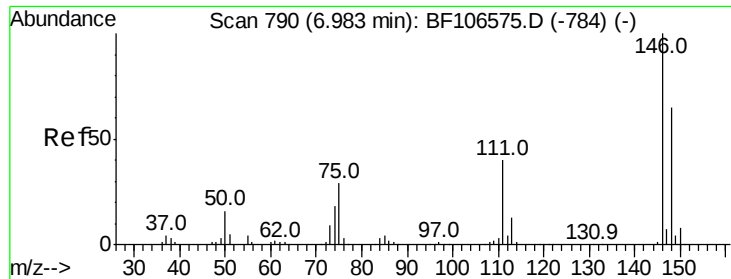


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

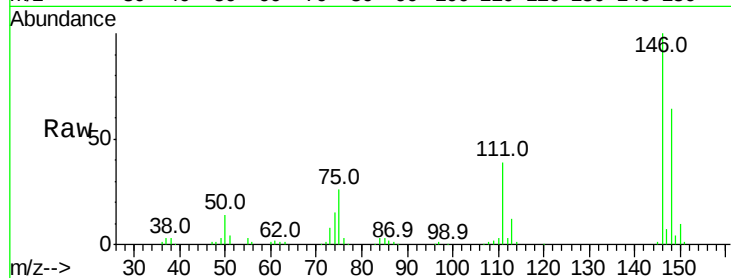




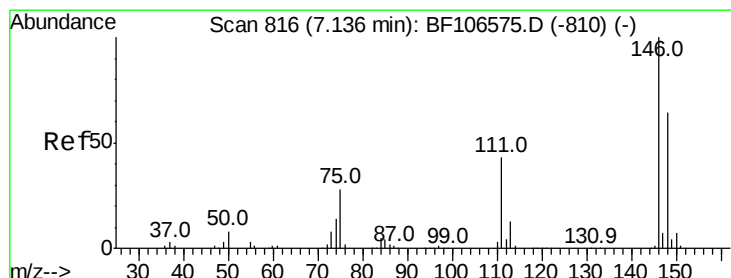
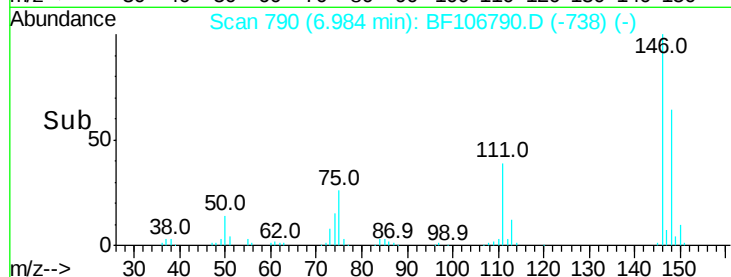
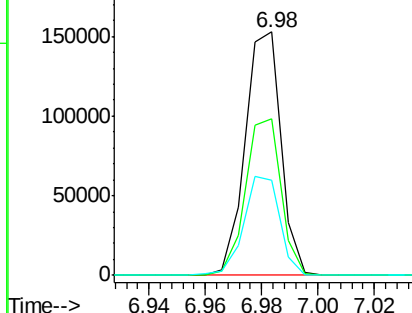
#13
 1,4-Dichlorobenzene
 Concen: 34.019 ng
 RT: 6.98 min Scan# 790
 Delta R.T. 0.01 min
 Lab File: BF106790.D
 Acq: 25 Jun 2018 23:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 134613
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.8 76.2
 111 38.9 34.2 51.2

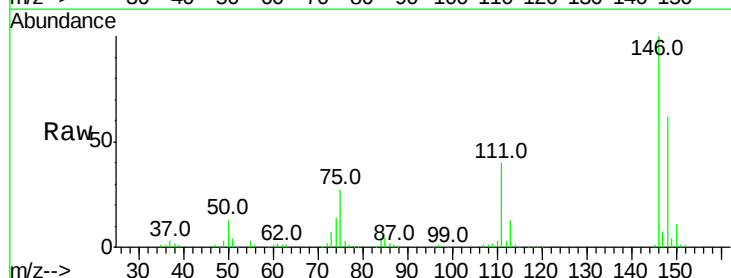


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

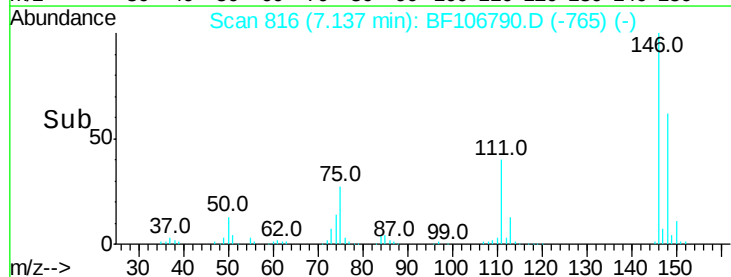
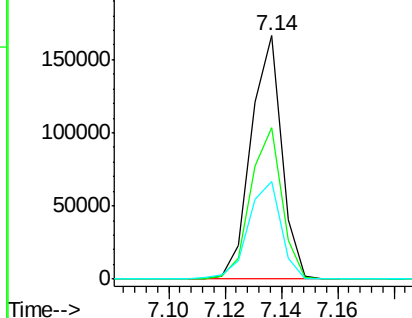


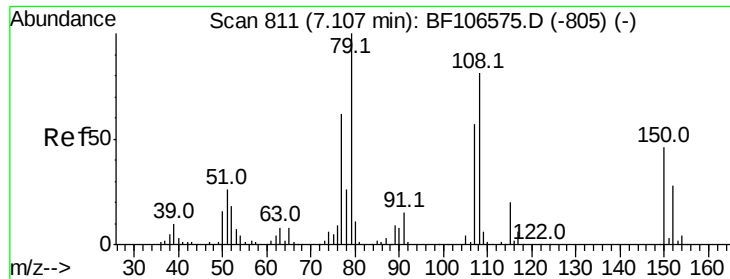
#14
 1,2-Dichlorobenzene
 Concen: 34.633 ng
 RT: 7.14 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF106790.D
 Acq: 25 Jun 2018 23:40

Tgt Ion:146 Resp: 125594
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.6 75.8
 111 39.9 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

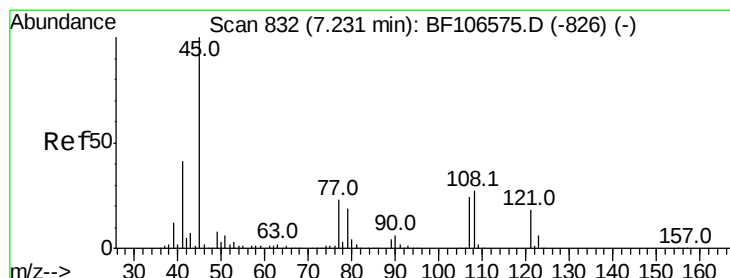
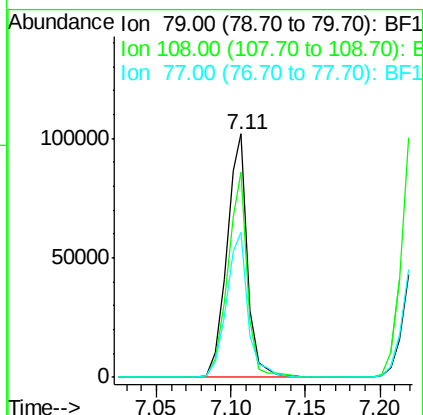
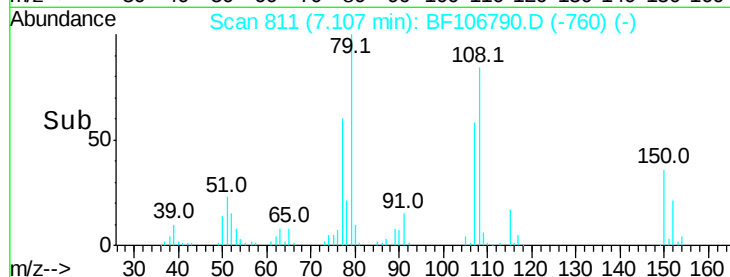
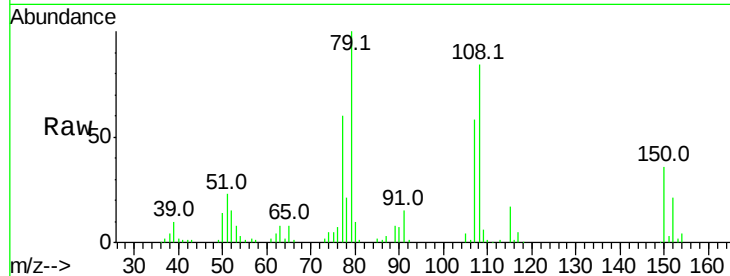




#15
Benzyl Alcohol
Concen: 32.416 ng
RT: 7.11 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

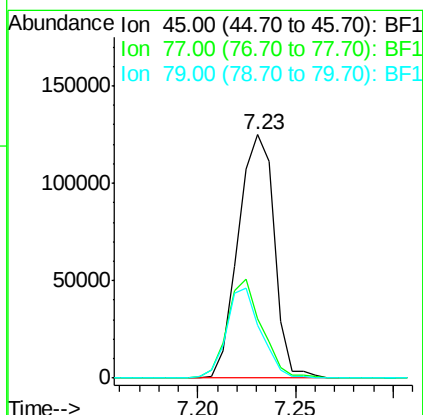
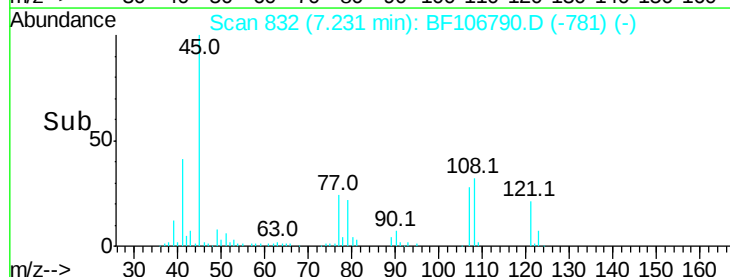
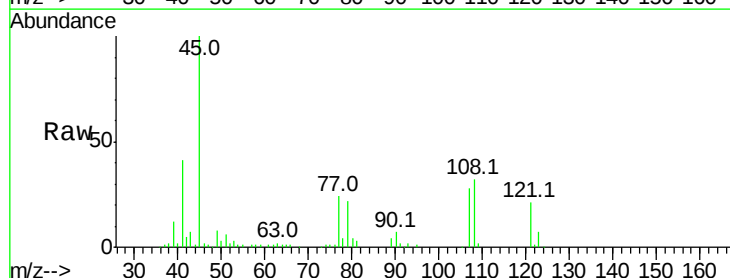
Instrument :
BNA_F
ClientSampleId :

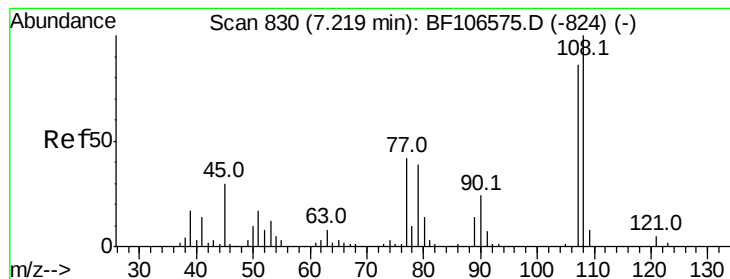
Tot Ion: 79 Resp: 99033
Ion Ratio Lower Upper
79 100
108 84.4 65.1 97.7
77 59.8 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.997 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

Tgt Ion: 45 Resp: 159895
Ion Ratio Lower Upper
45 100
77 24.4 0.0 32.9
79 21.5 0.0 29.6

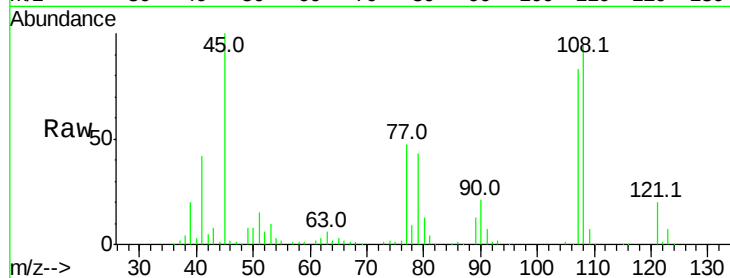




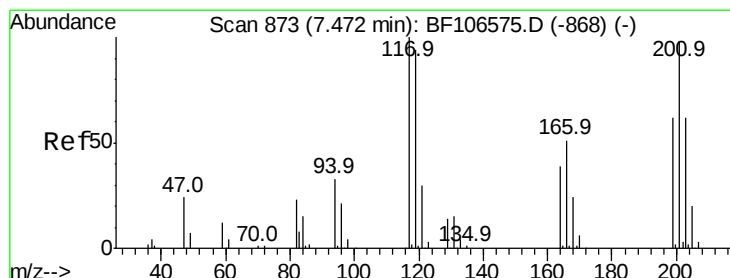
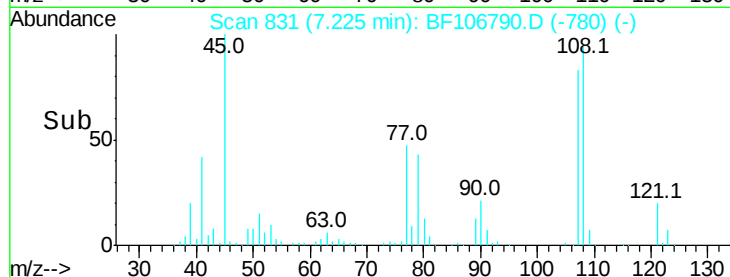
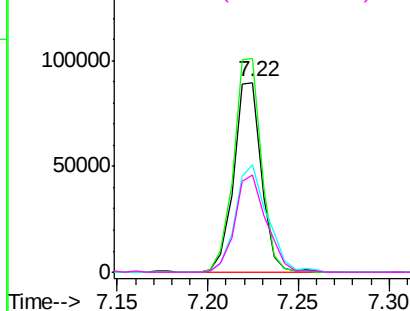
#17
2-Methylphenol
Concen: 33.434 ng
RT: 7.22 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 95614
Ion Ratio Lower Upper
107 100
108 112.7 91.7 137.5
77 56.7 33.8 50.8#
79 51.2 33.8 50.8#

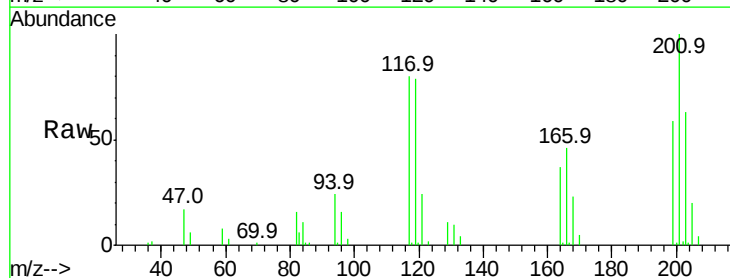


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

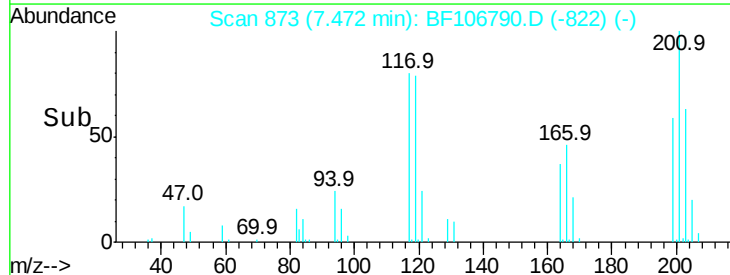
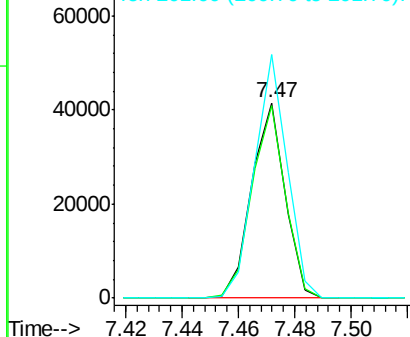


#18
Hexachloroethane
Concen: 24.619 ng
RT: 7.47 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

Tgt Ion:117 Resp: 34258
Ion Ratio Lower Upper
117 100
119 98.8 75.8 113.8
201 124.7 75.7 113.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

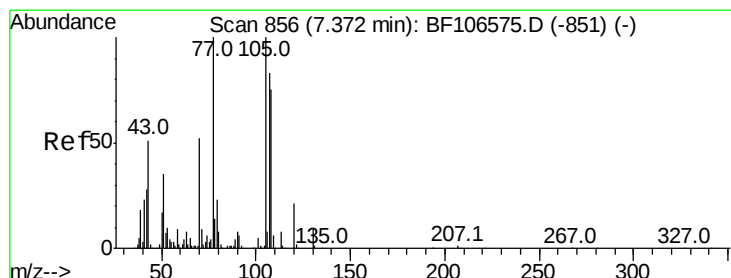
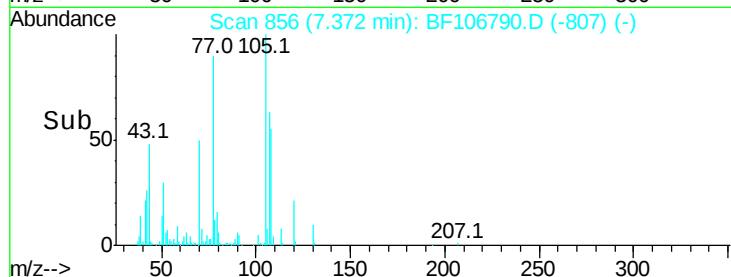
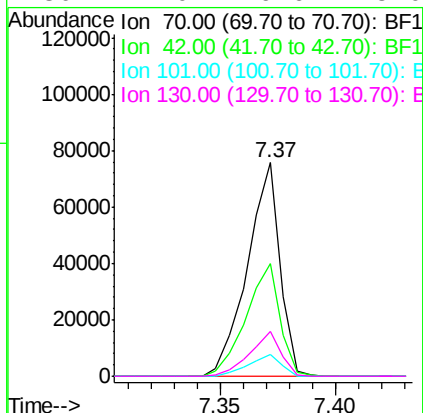
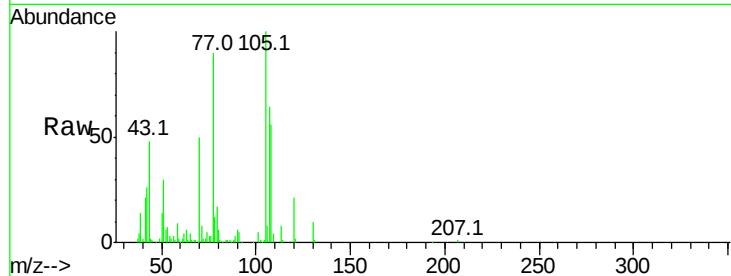




#19
n-Nitroso-di-n-propylamine
Concen: 29.758 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

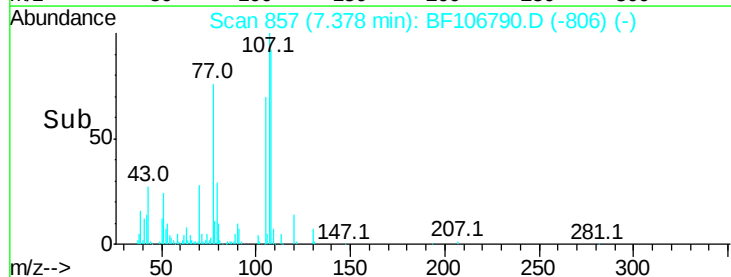
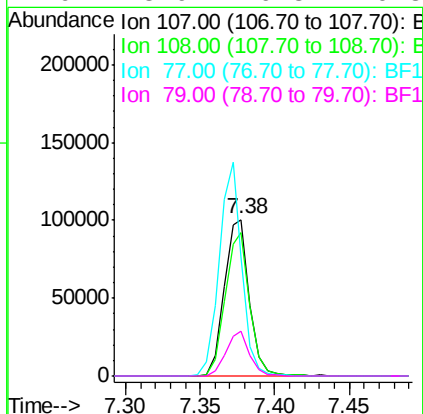
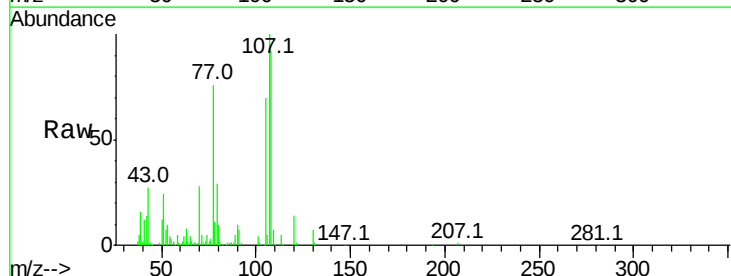
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	74632
Ion	Ratio	Lower	Upper
70	100		
42	52.6	47.5	71.3
101	10.0	7.4	11.2
130	21.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.178 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

Tgt Ion:	107	Resp:	117956
Ion	Ratio	Lower	Upper
107	100		
108	91.7	68.2	108.2
77	76.3	26.7	66.7#
79	28.9	6.3	46.3

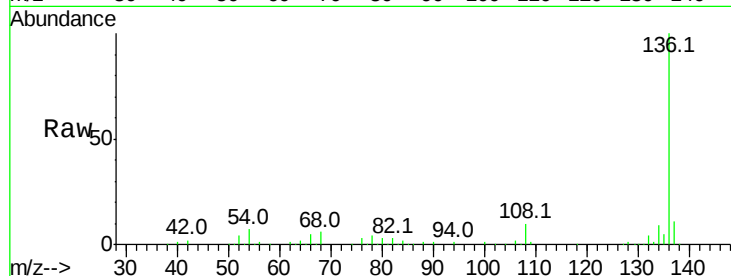




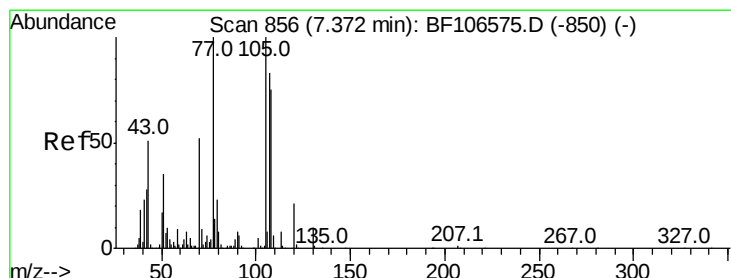
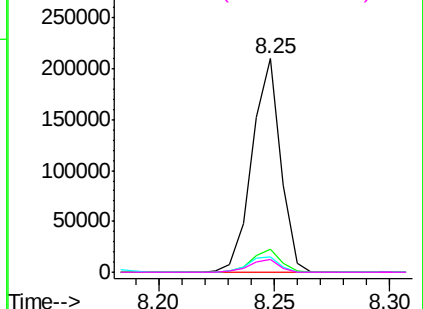
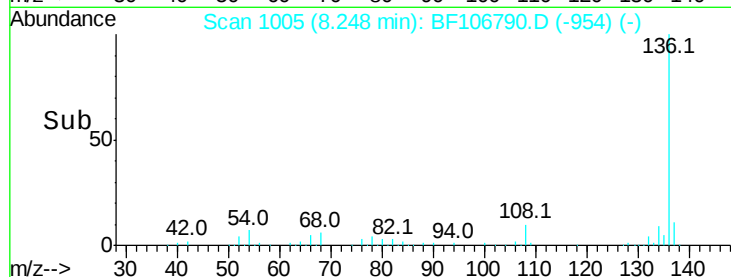
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	181095
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	7.3	6.6 9.8
68	5.7	5.0 7.4

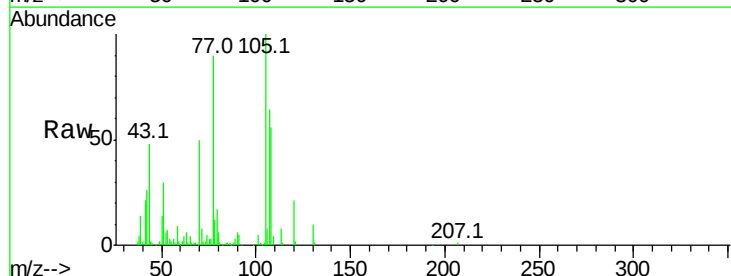


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

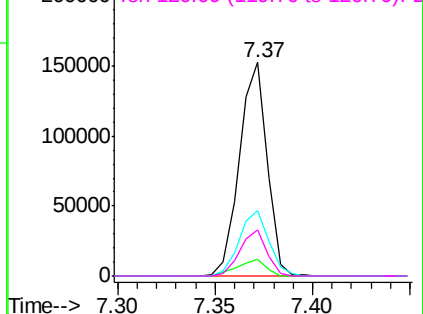
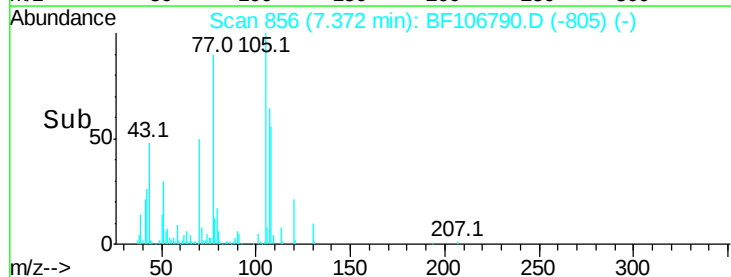


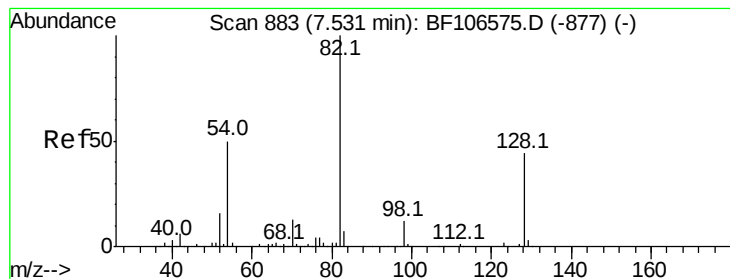
#22
Acetophenone
Concen: 37.058 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

Tgt Ion:105	Resp:	150142
Ion Ratio	Lower	Upper
105	100	
71	8.0	4.4 6.6#
51	30.3	22.3 33.5
120	21.5	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 72.956 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA_F

ClientSampleId :

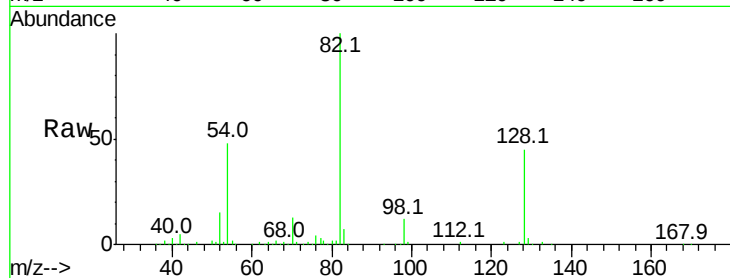
Tot Ion: 82 Resp: 237740

Ion Ratio Lower Upper

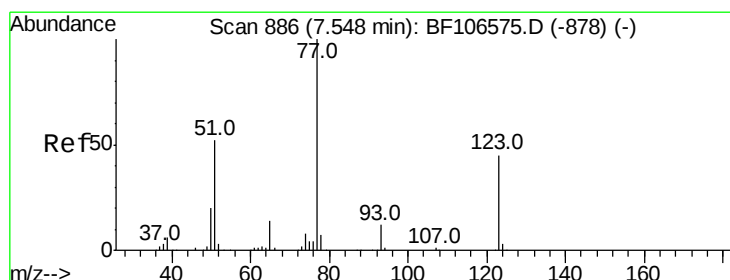
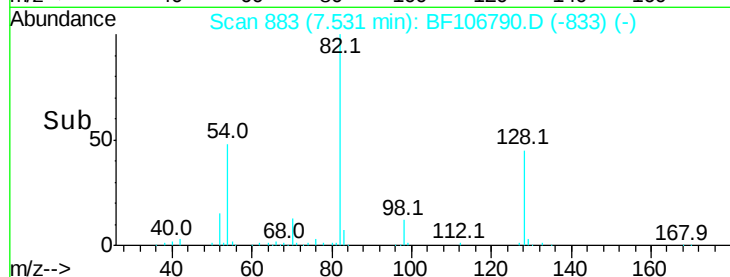
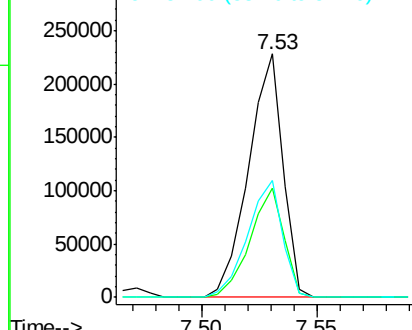
82 100

128 45.0 36.1 54.1

54 48.2 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: 35.136 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

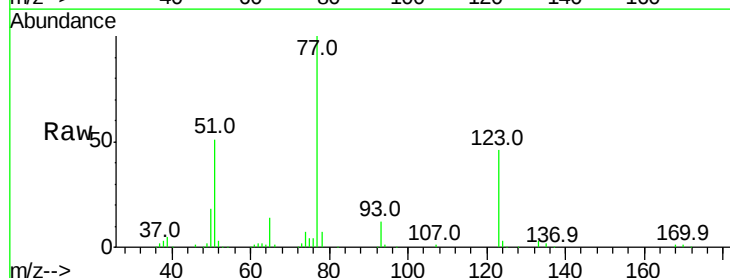
Tgt Ion: 77 Resp: 116896

Ion Ratio Lower Upper

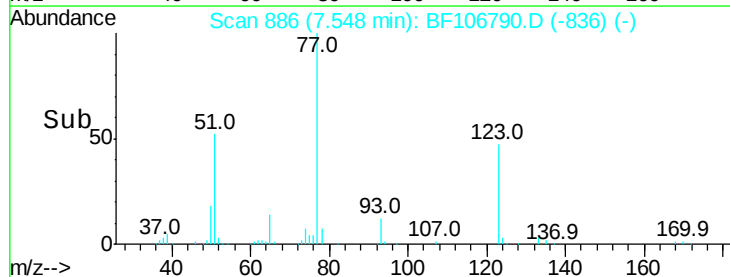
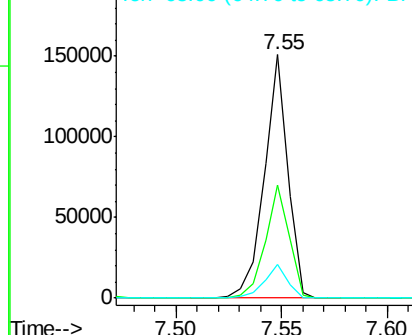
77 100

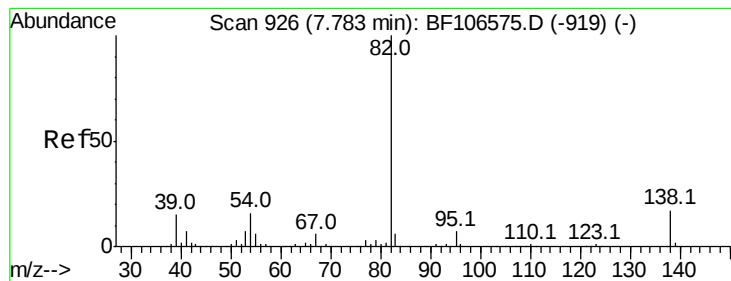
123 46.2 37.9 56.9

65 13.7 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: 36.822 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA_F

ClientSampleId :

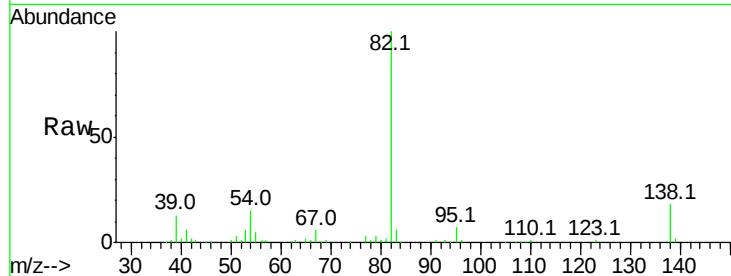
Tot Ion: 82 Resp: 211439

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

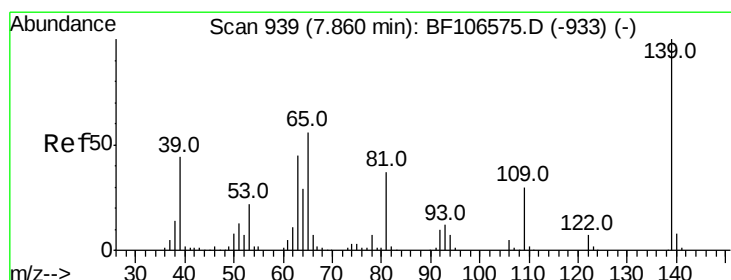
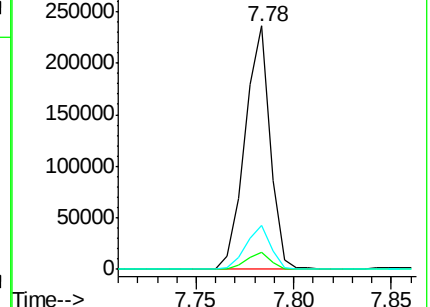
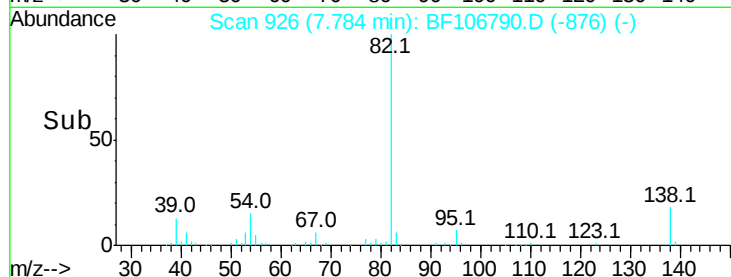
138 18.1 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 26.099 ng

RT: 7.86 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

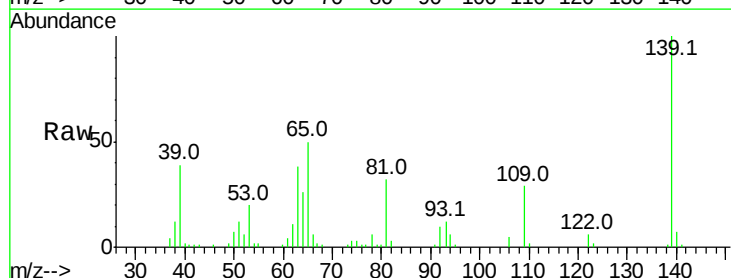
Tgt Ion: 139 Resp: 40990

Ion Ratio Lower Upper

139 100

109 28.6 22.7 34.1

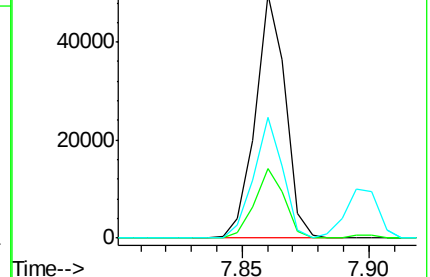
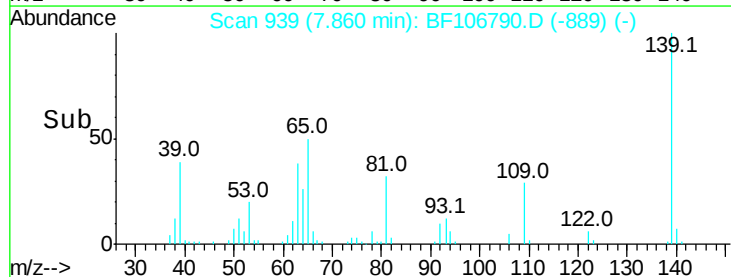
65 49.6 40.5 60.7

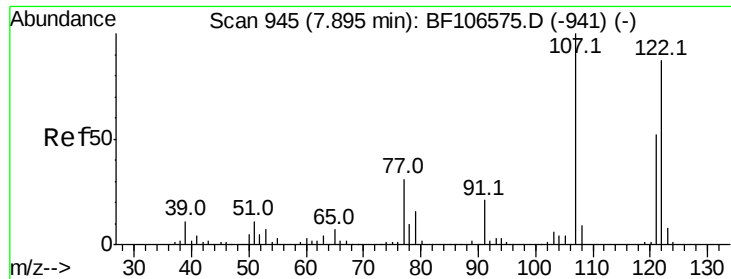


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

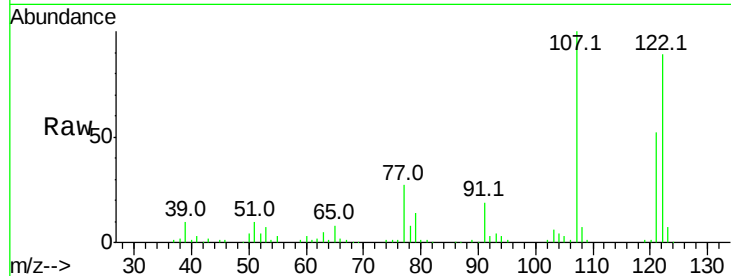




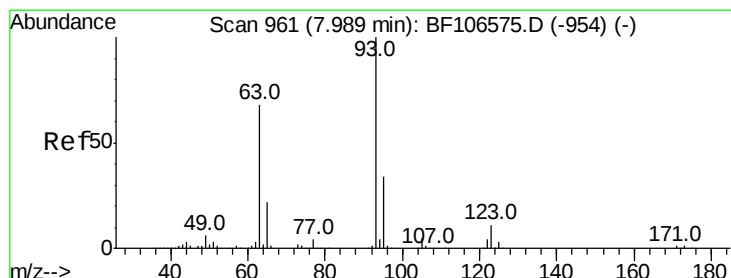
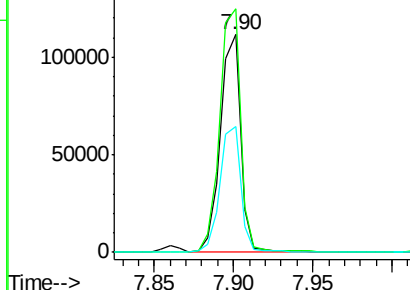
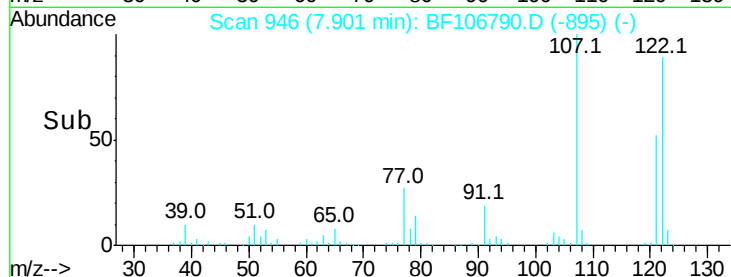
#27
 2,4-Dimethylphenol
 Concen: 41.383 ng
 RT: 7.90 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF106790.D
 Acq: 25 Jun 2018 23:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 100458
 Ion Ratio Lower Upper
 122 100
 107 111.9 91.2 136.8
 121 57.7 47.2 70.8

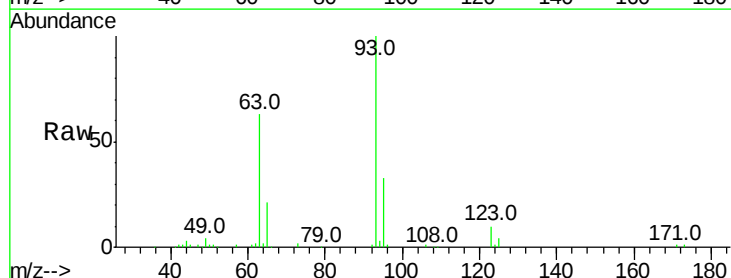


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

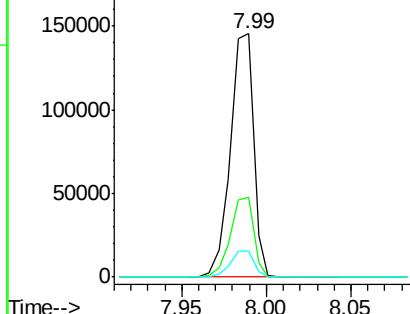
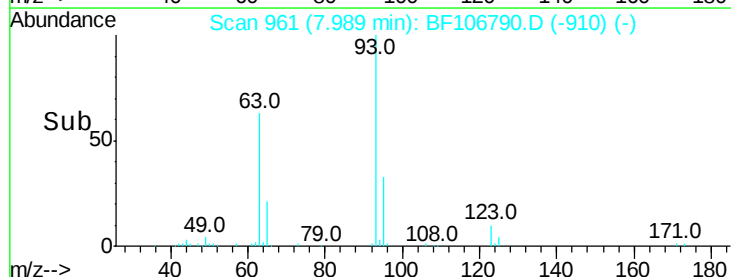


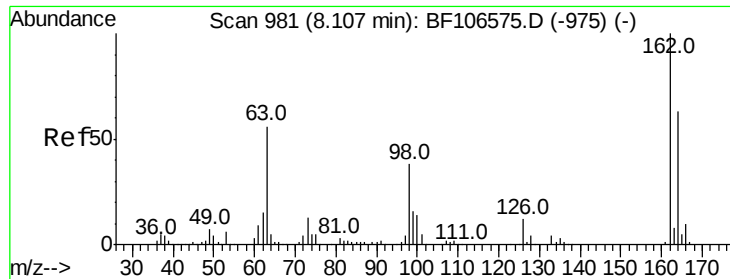
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.017 ng
 RT: 7.99 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF106790.D
 Acq: 25 Jun 2018 23:40

Tgt Ion: 93 Resp: 138863
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 10.5 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

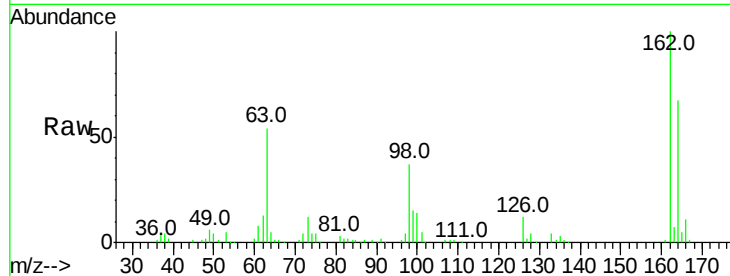




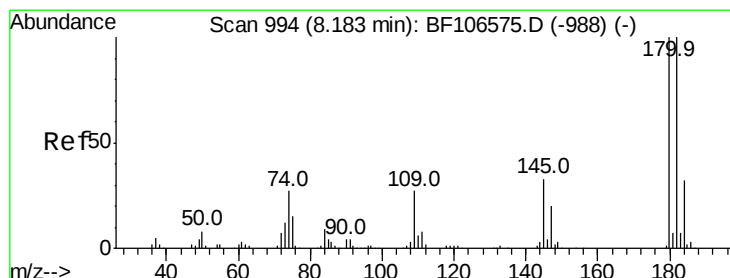
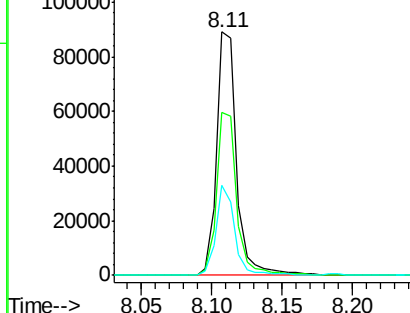
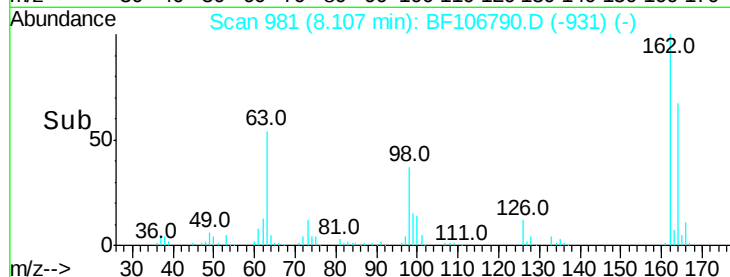
#29
 2,4-Dichlorophenol
 Concen: 34.413 ng
 RT: 8.11 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF106790.D
 Acq: 25 Jun 2018 23:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 87460
 Ion Ratio Lower Upper
 162 100
 164 67.1 42.7 82.7
 98 36.8 18.1 58.1

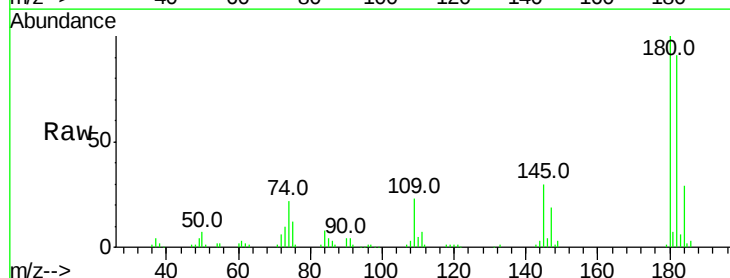


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

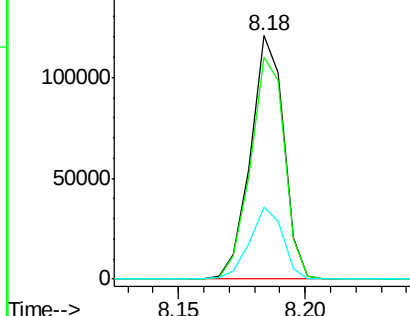
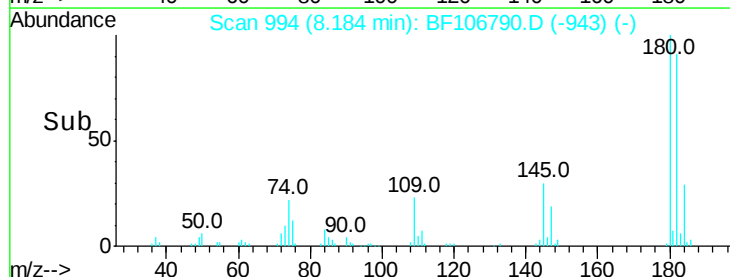


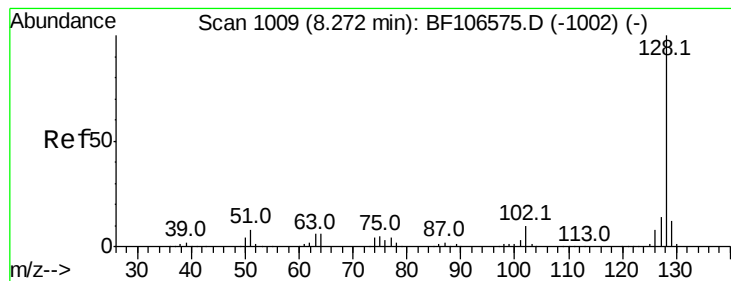
#30
 1,2,4-Trichlorobenzene
 Concen: 39.435 ng
 RT: 8.18 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: BF106790.D
 Acq: 25 Jun 2018 23:40

Tgt Ion:180 Resp: 110408
 Ion Ratio Lower Upper
 180 100
 182 91.2 76.8 115.2
 145 29.8 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: 43.574 ng

RT: 8.27 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA_F

ClientSampleId :

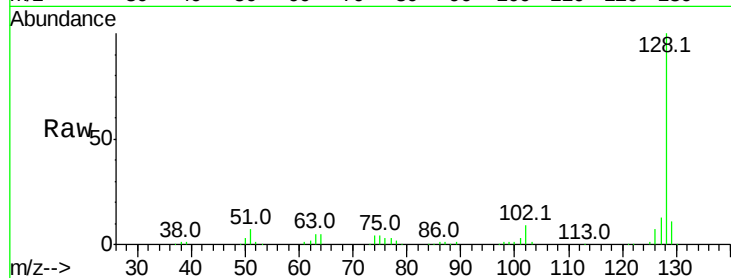
Tot Ion:128 Resp: 368928

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

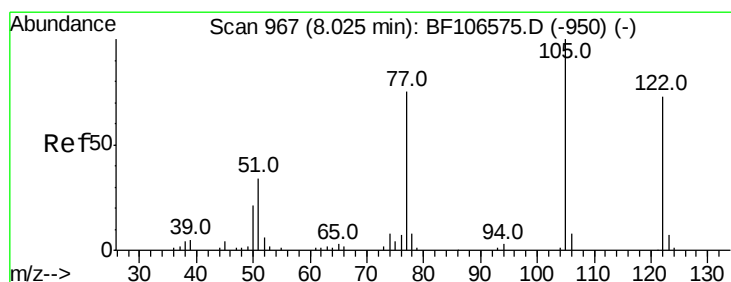
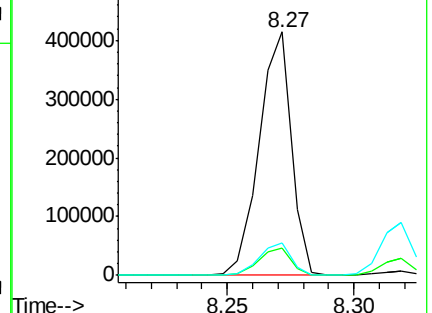
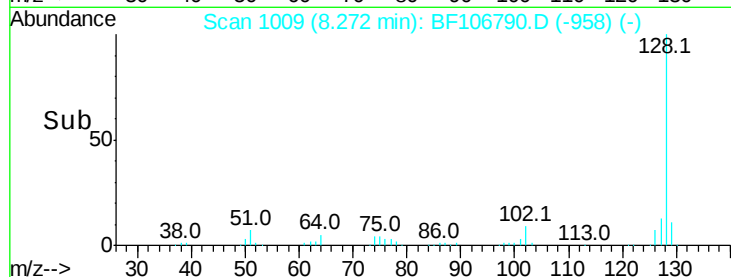
127 13.1 10.9 16.3



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: 55.830 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.14 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

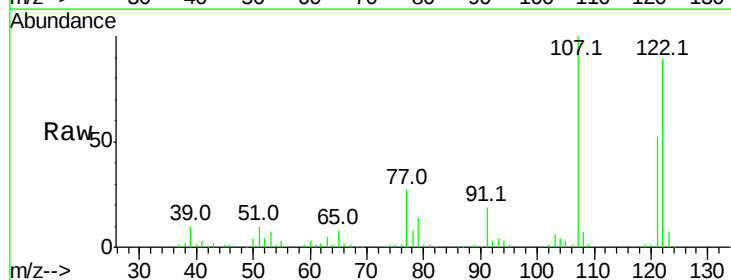
Tgt Ion:122 Resp: 100458

Ion Ratio Lower Upper

122 100

105 3.1 101.1 141.1#

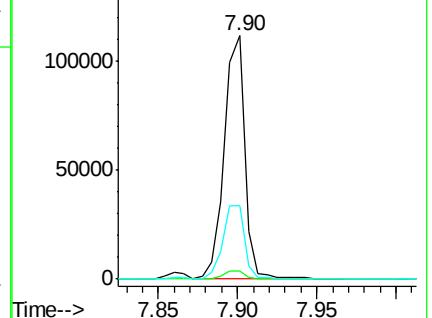
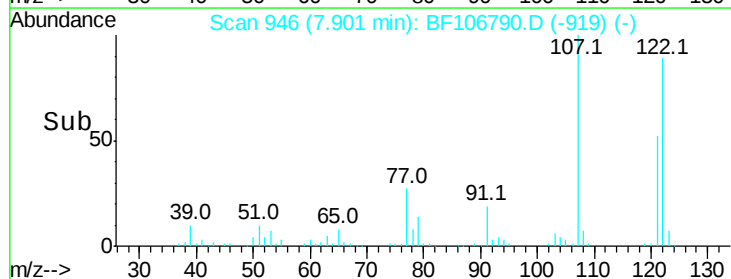
77 30.2 70.7 110.7#



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

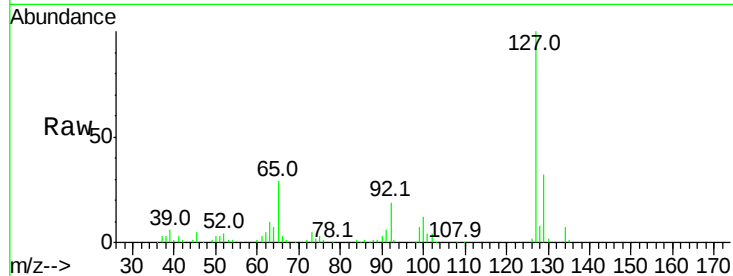




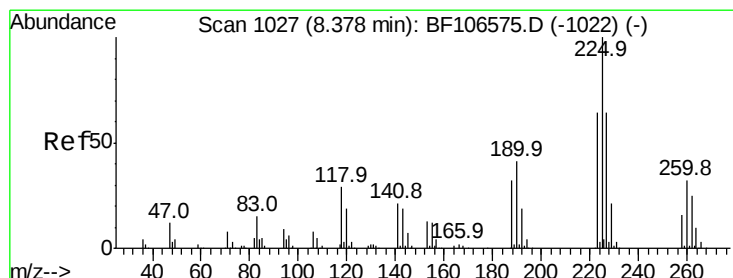
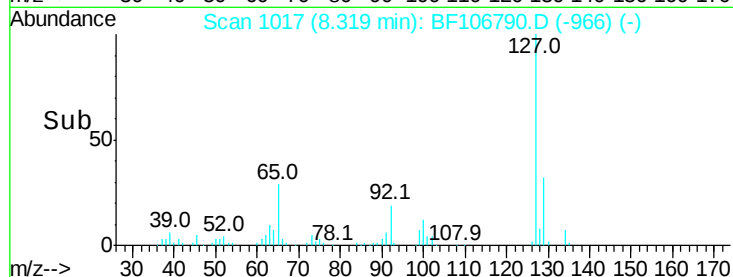
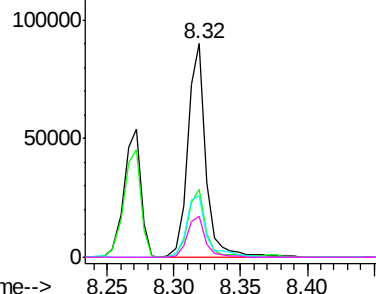
#33
4-Chloroaniline
Concen: 24.005 ng
RT: 8.32 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	85280
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	29.0	25.0	37.4
92	19.0	15.2	22.8

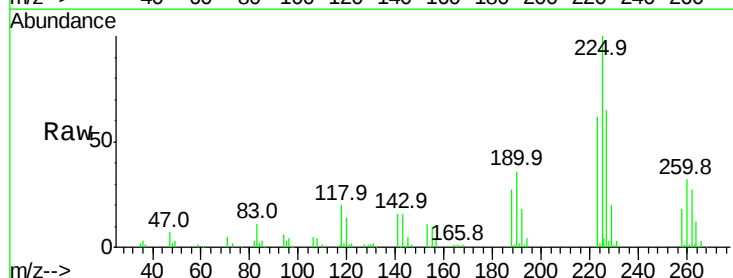


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

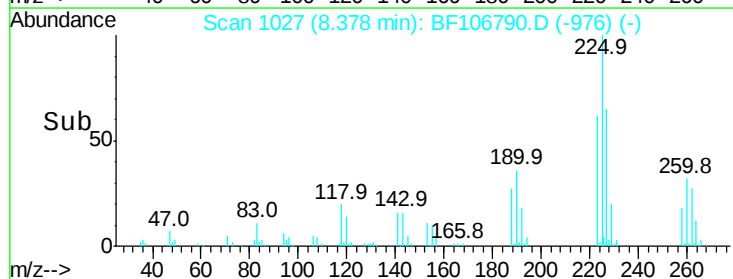
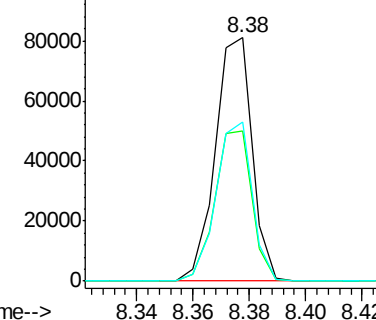


#34
Hexachlorobutadiene
Concen: 40.171 ng
RT: 8.38 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

Tgt Ion:	225	Resp:	73284
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.6	76.0
227	65.2	51.9	77.9



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

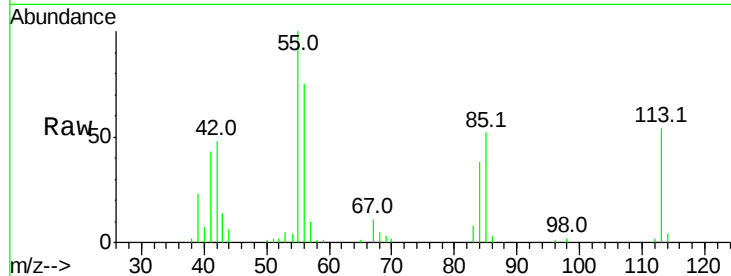




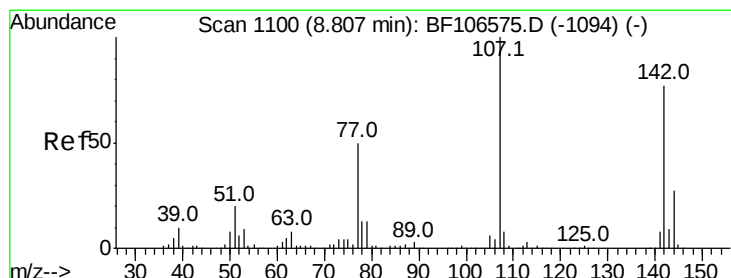
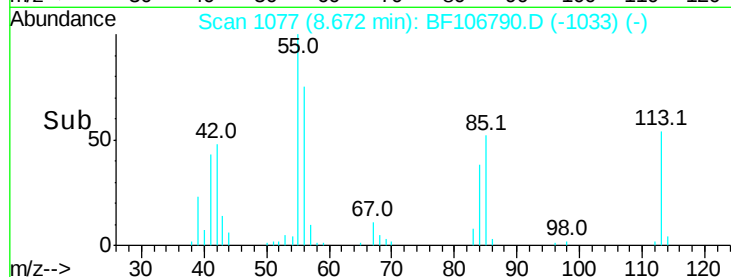
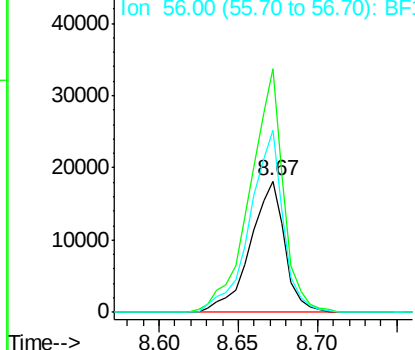
#35
 Caprolactam
 Concen: 33.295 ng
 RT: 8.67 min Scan# 1077
 Delta R.T. -0.04 min
 Lab File: BF106790.D
 Acq: 25 Jun 2018 23:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 27583
 Ion Ratio Lower Upper
 113 100
 55 185.5 163.3 203.3
 56 138.7 115.7 155.7

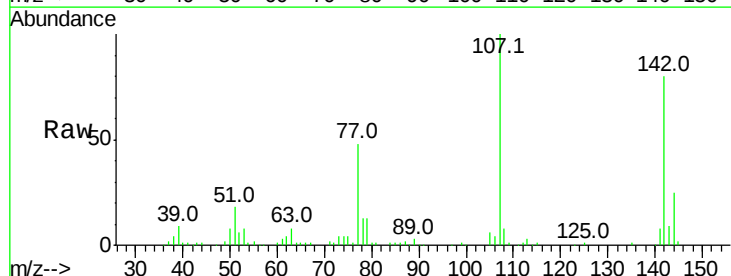


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

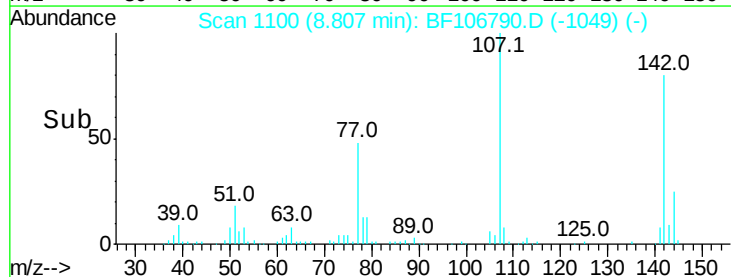
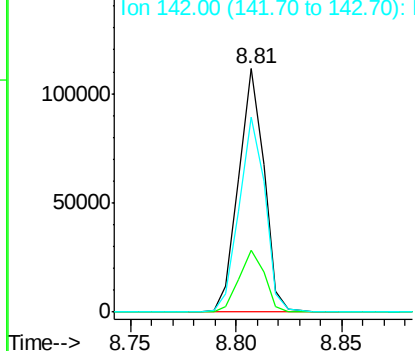


#36
 4-Chloro-3-methylphenol
 Concen: 34.947 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF106790.D
 Acq: 25 Jun 2018 23:40

Tgt Ion:107 Resp: 93484
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 80.1 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

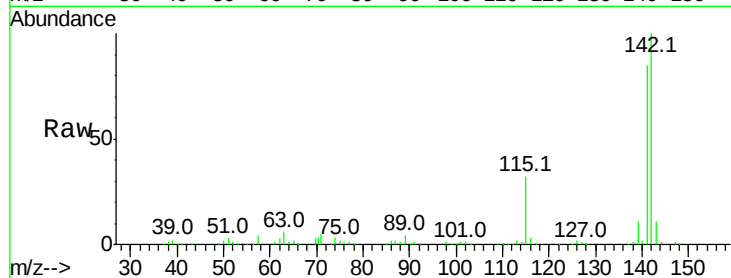




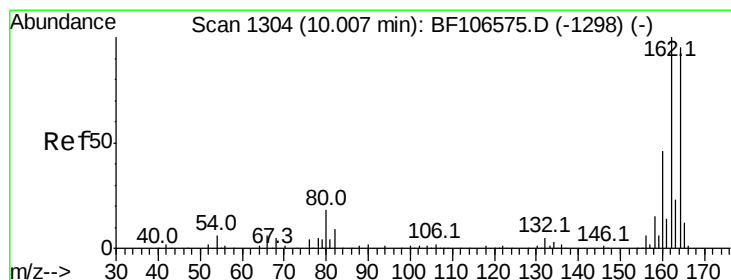
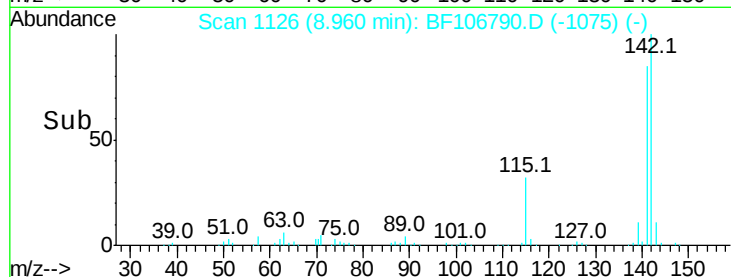
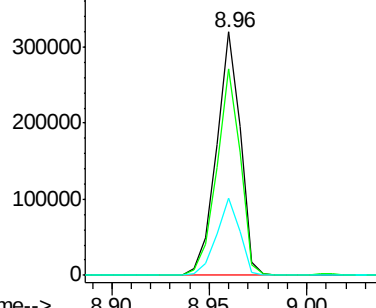
#37
2-Methylnaphthalene
Concen: 48.231 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.8	70.8	106.2
115	31.6	26.1	39.1

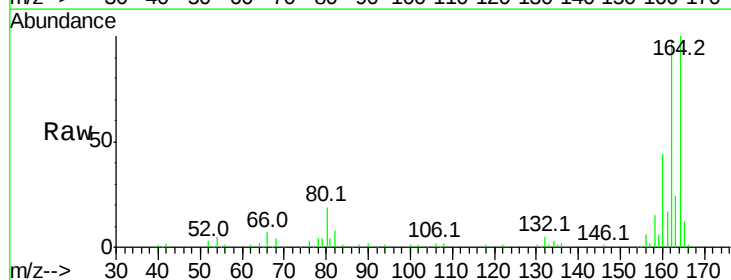


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

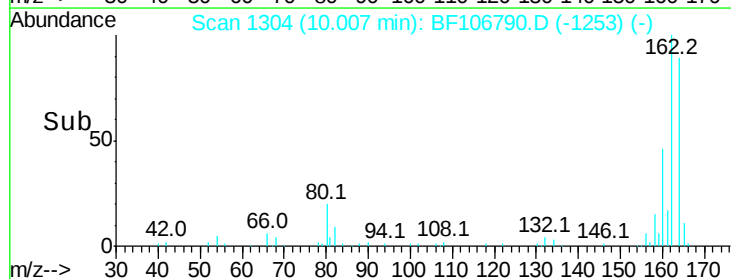
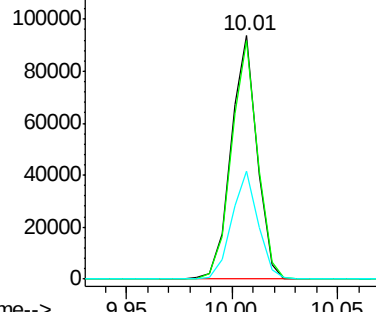


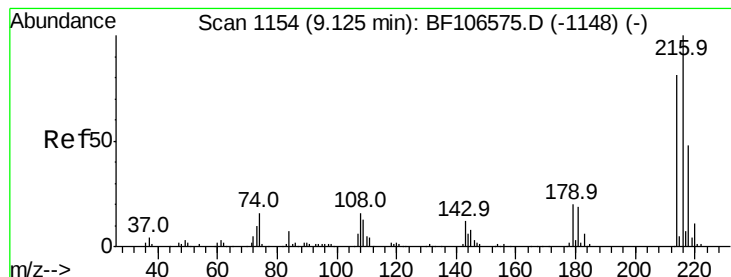
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.1	86.1	129.1
160	44.3	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.299 ng

RT: 9.12 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 111522

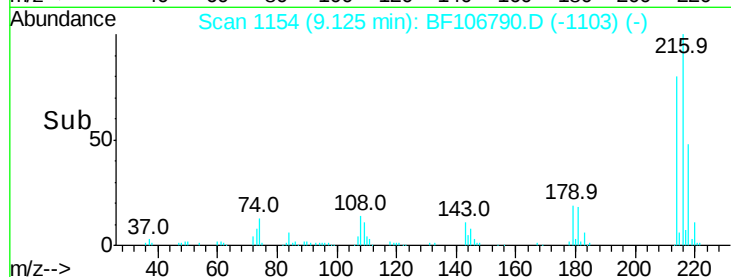
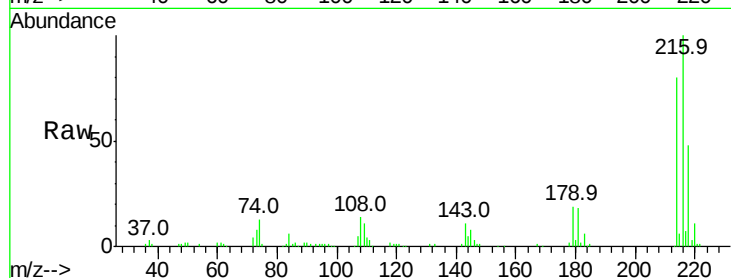
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 19.0 18.1 27.1

108 14.0 17.2 25.8#

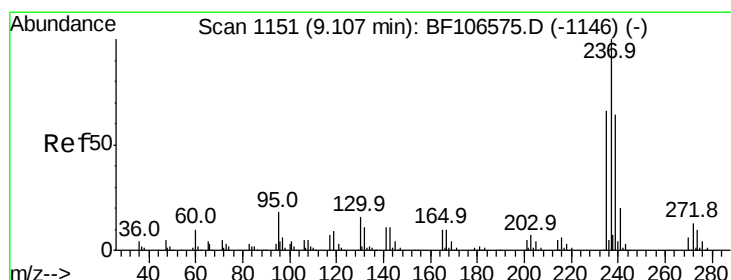
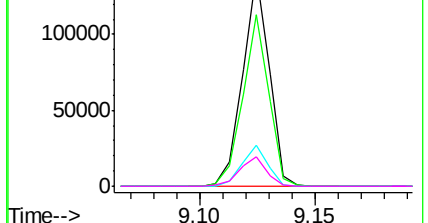


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 2.215 ng

RT: 9.10 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

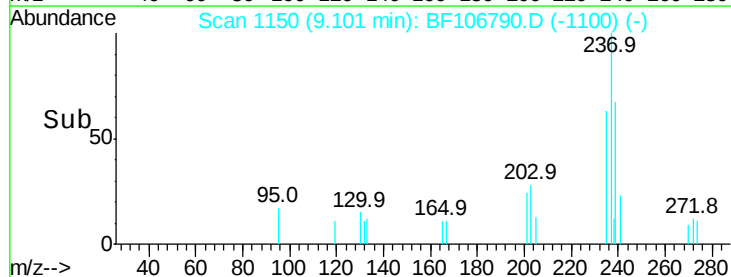
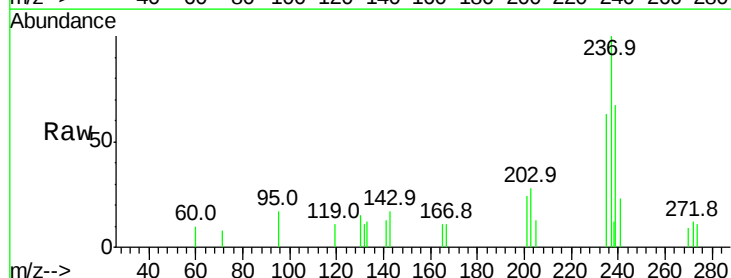
Tgt Ion:237 Resp: 3078

Ion Ratio Lower Upper

237 100

235 63.1 44.8 84.8

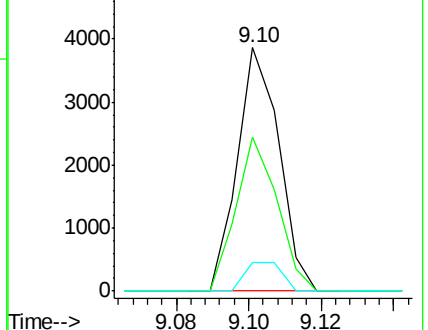
272 11.9 0.0 33.3

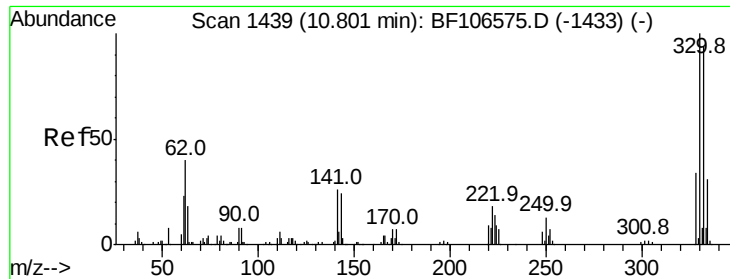


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 82.193 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA_F

ClientSampleId :

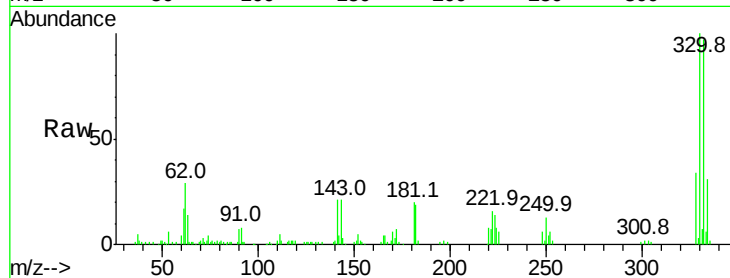
Tot Ion:330 Resp: 76387

Ion Ratio Lower Upper

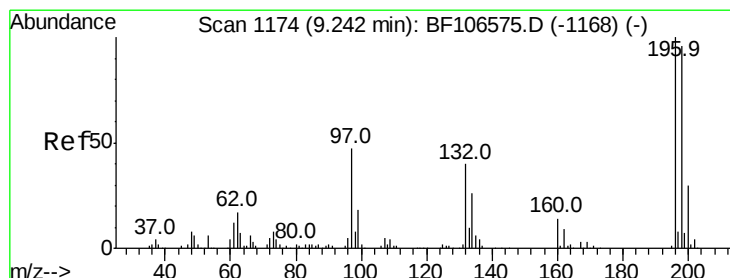
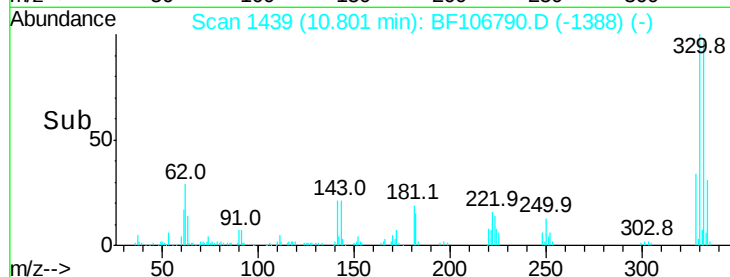
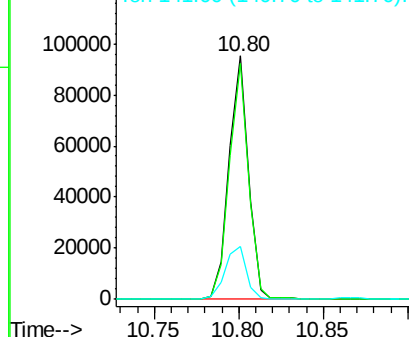
330 100

332 95.5 77.0 115.6

141 24.0 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: 14.569 ng

RT: 9.24 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

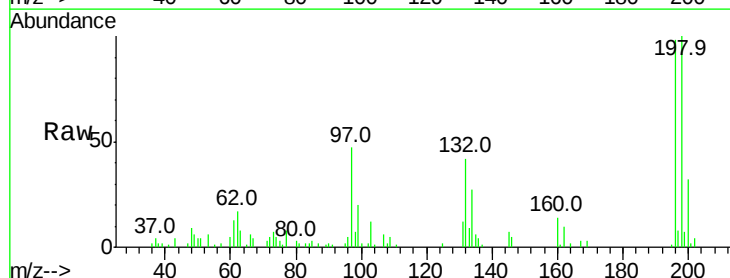
Tgt Ion:196 Resp: 26152

Ion Ratio Lower Upper

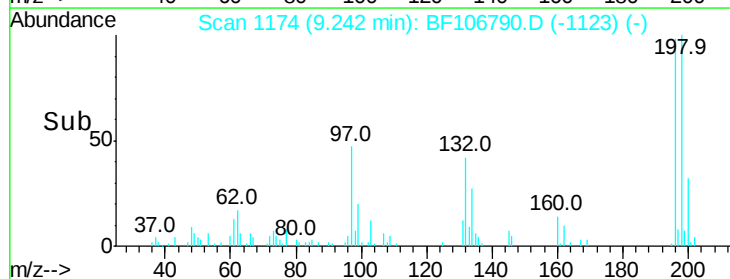
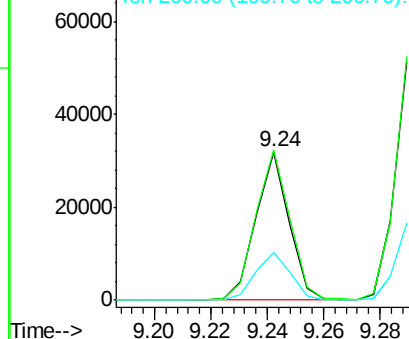
196 100

198 101.7 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

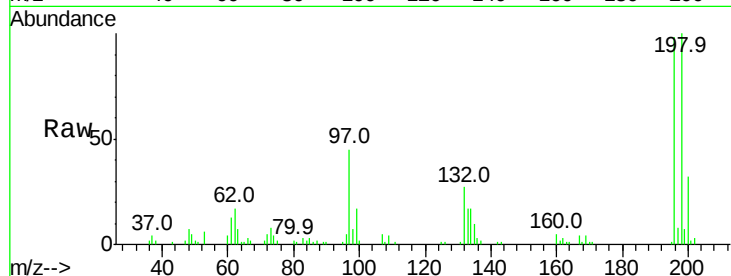




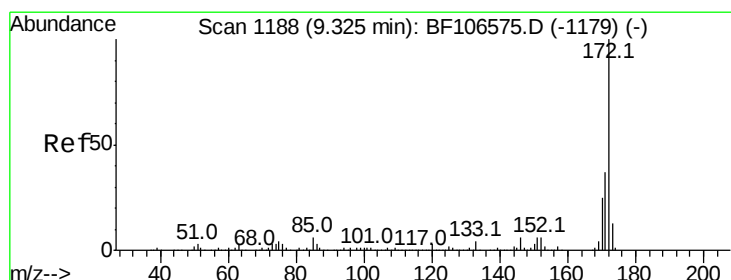
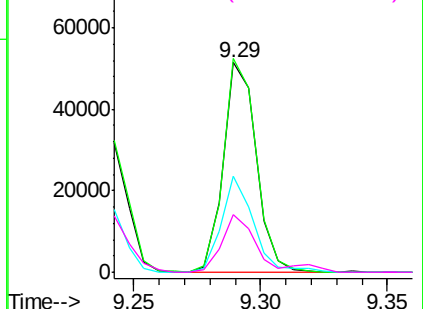
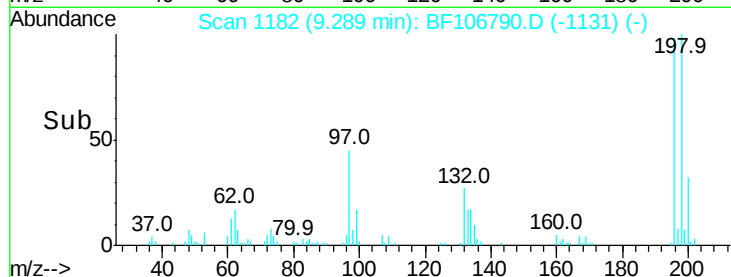
#43
 2,4,5-Trichlorophenol
 Concen: 24.701 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF106790.D
 Acq: 25 Jun 2018 23:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	46266
Ion	Ratio	Lower	Upper
196	100		
198	101.9	74.6	112.0
97	45.8	42.9	64.3
132	27.5	26.3	39.5

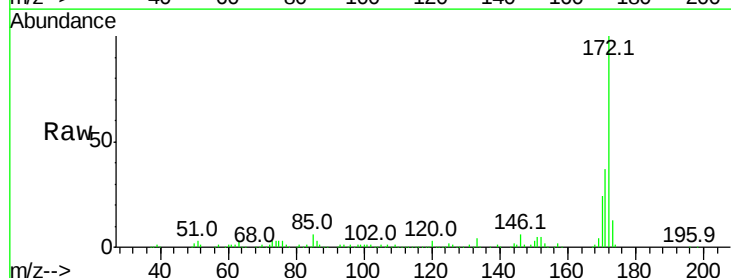


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

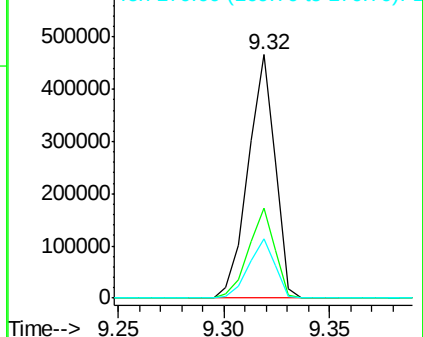
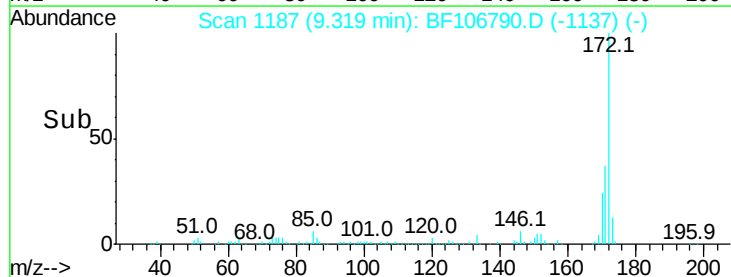


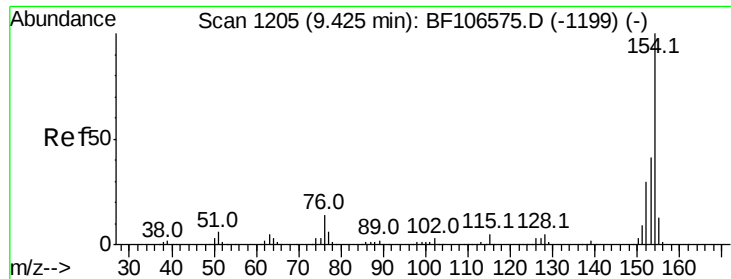
#44
 2-Fluorobiphenyl
 Concen: 87.815 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106790.D
 Acq: 25 Jun 2018 23:40

Tgt Ion:	172	Resp:	413692
Ion	Ratio	Lower	Upper
172	100		
171	37.0	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

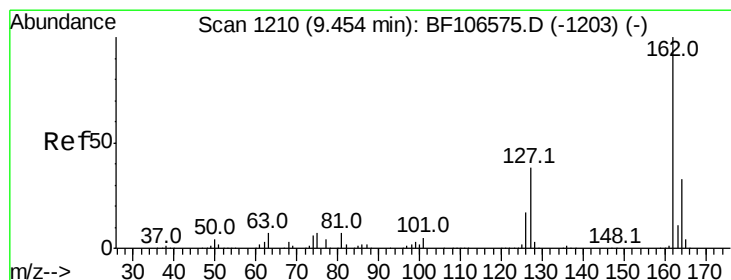
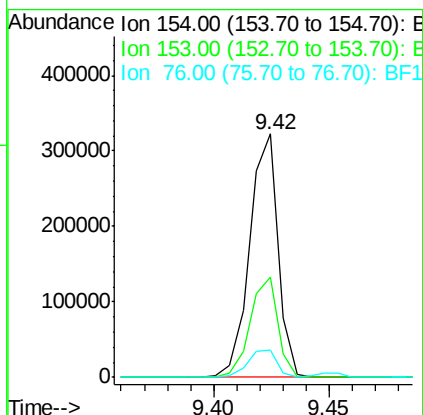
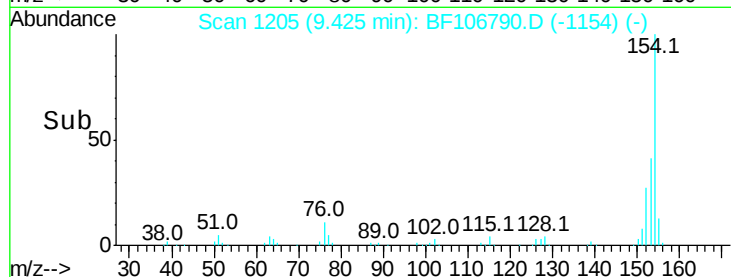
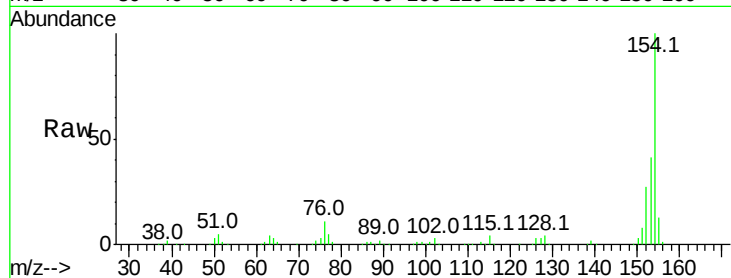




#45
 1,1'-Biphenyl
 Concen: 43.331 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF106790.D
 Acq: 25 Jun 2018 23:40

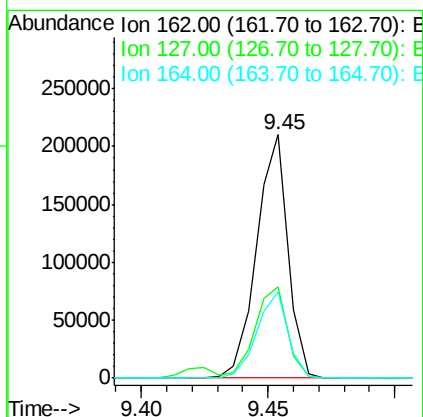
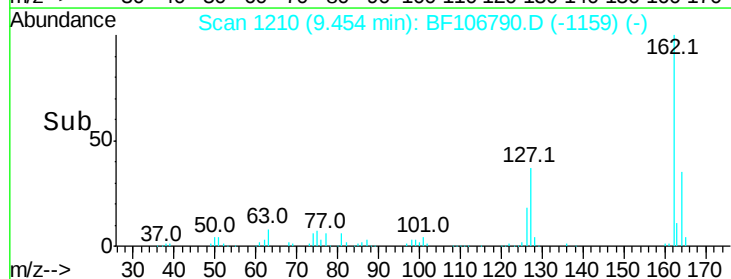
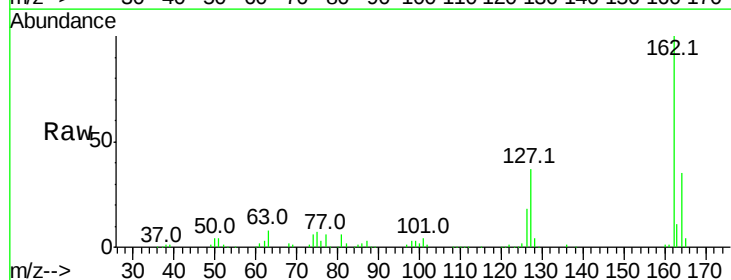
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.3	61.3
76	11.0	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 35.838 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF106790.D
 Acq: 25 Jun 2018 23:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.5	33.9	50.9
164	35.3	26.5	39.7

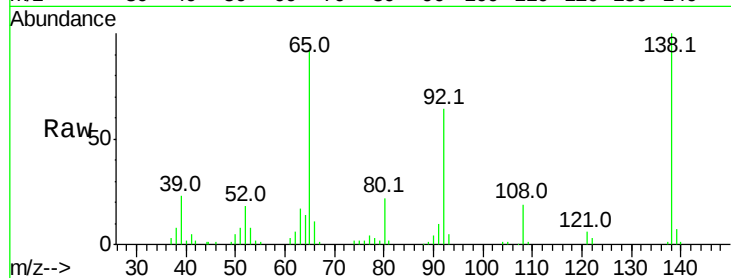




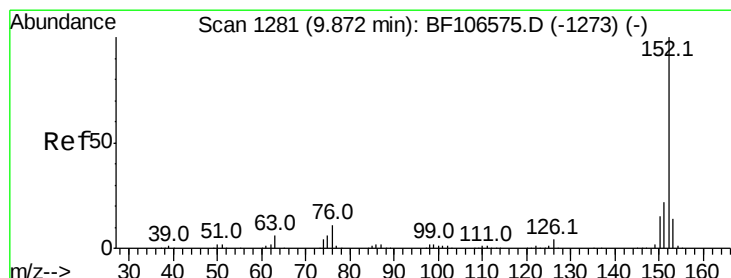
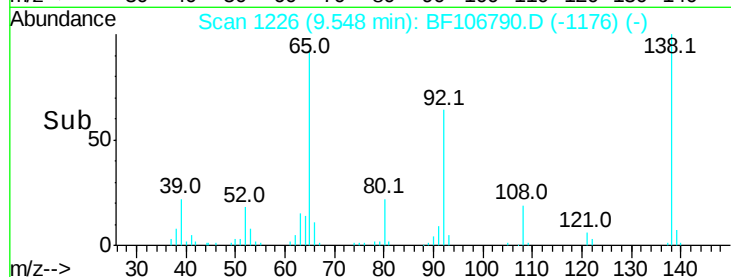
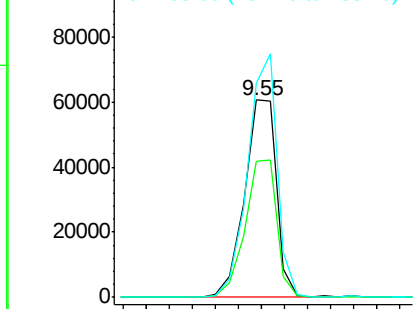
#47
2-Nitroaniline
Concen: 34.754 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 58786
Ion Ratio Lower Upper
65 100
92 69.0 55.8 83.6
138 108.6 91.2 136.8

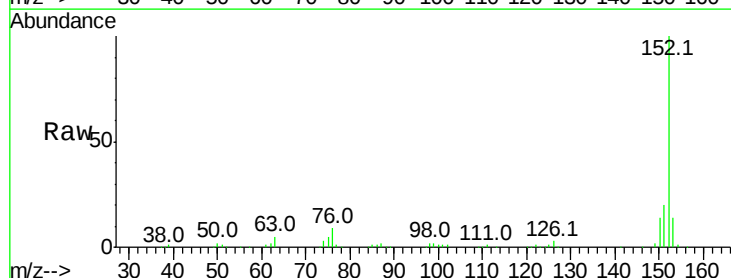


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

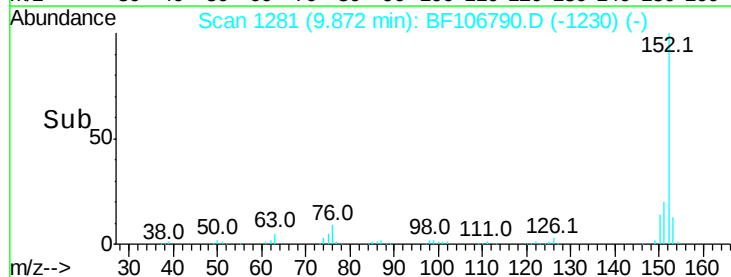
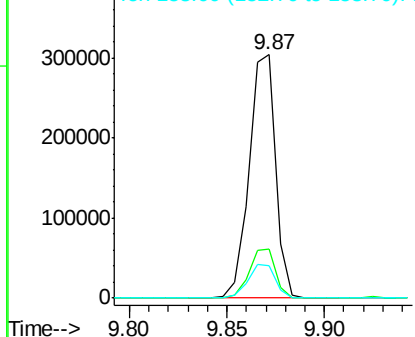


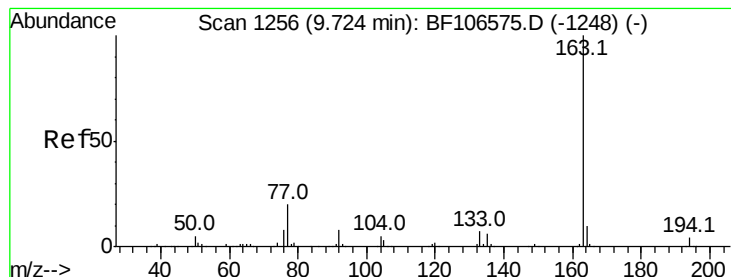
#48
Acenaphthylene
Concen: 35.918 ng
RT: 9.87 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

Tgt Ion: 152 Resp: 285244
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.5 10.7 16.1



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





#49

Dimethylphthalate

Concen: 43.593 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA_F

ClientSampleId :

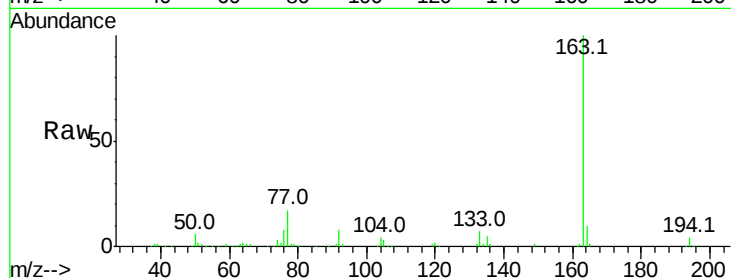
Tot Ion:163 Resp: 262166

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

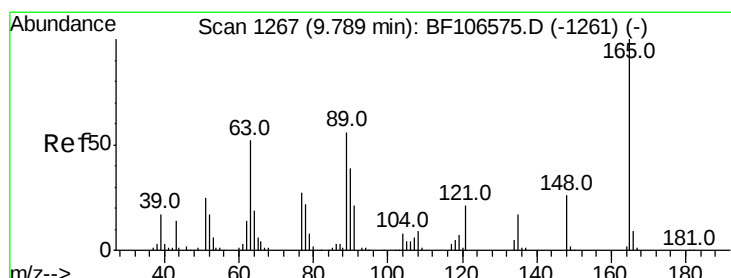
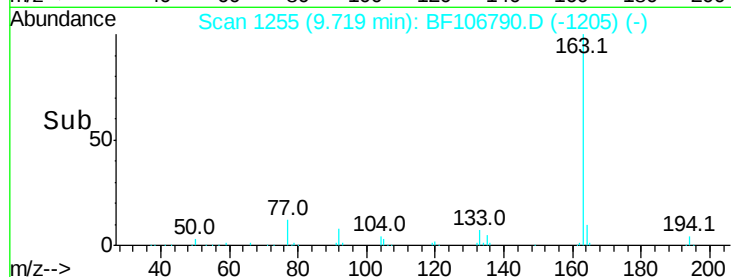
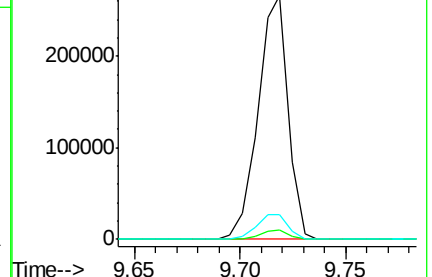
164 10.3 8.2 12.2



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: 33.693 ng

RT: 9.79 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

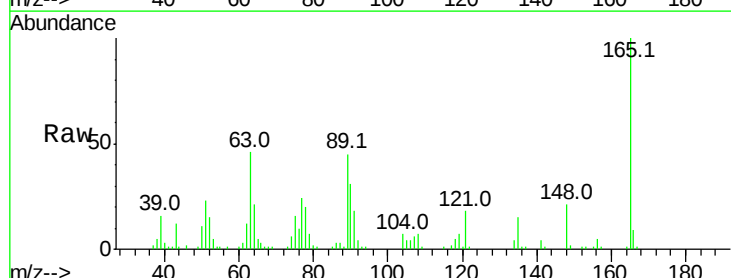
Tgt Ion:165 Resp: 42907

Ion Ratio Lower Upper

165 100

63 45.6 44.7 67.1

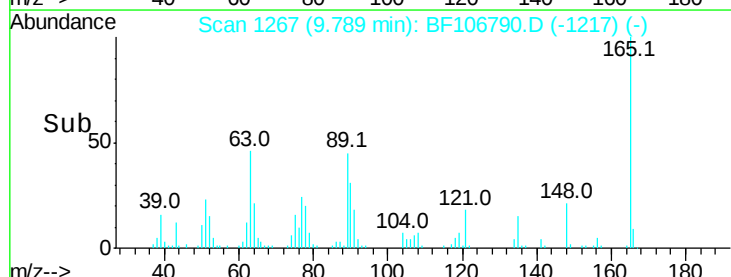
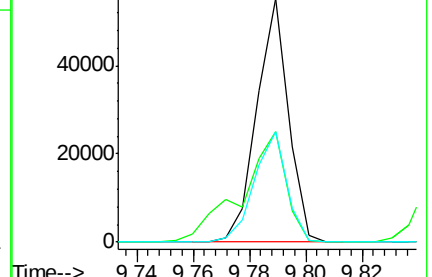
89 45.2 44.0 66.0

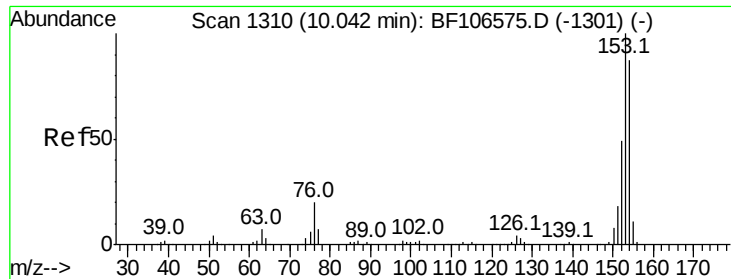


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

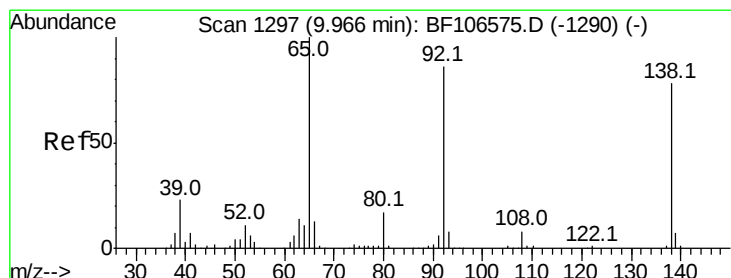
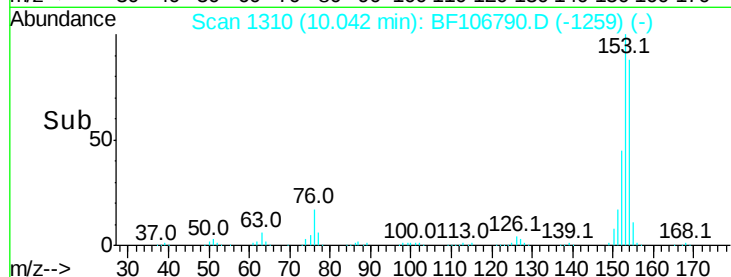
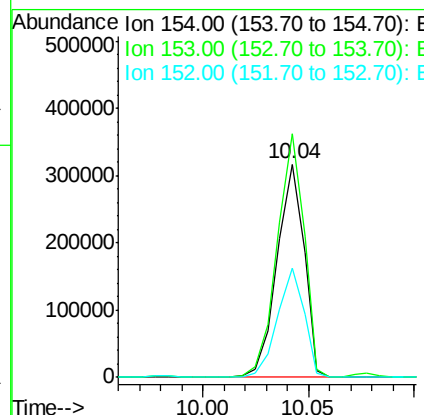
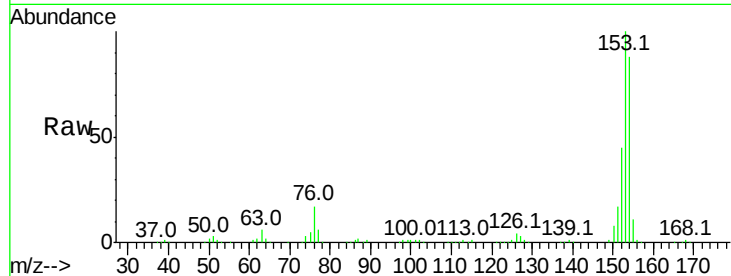




#51
Acenaphthene
Concen: 56.638 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

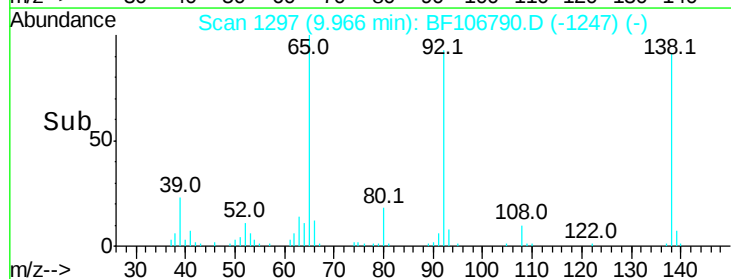
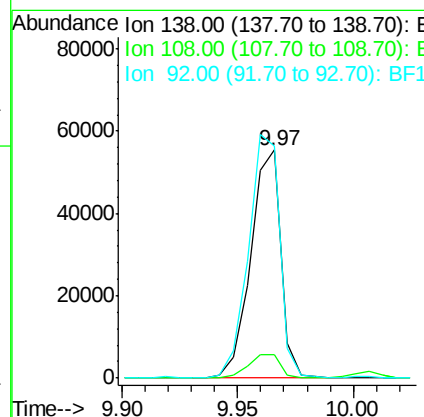
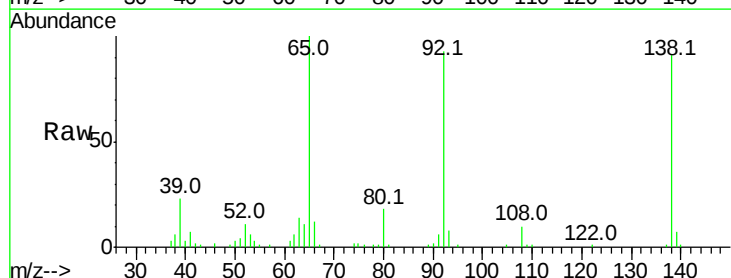
Instrument :
BNA_F
ClientSampleId :

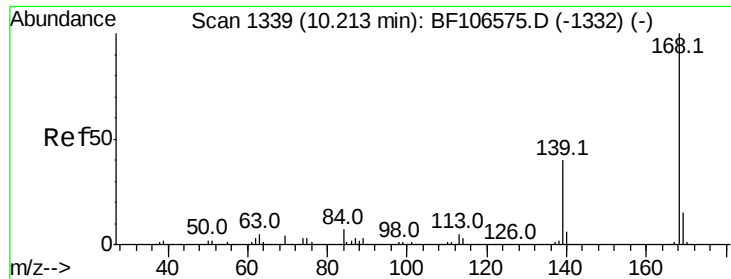
Tot Ion:154 Resp: 283241
Ion Ratio Lower Upper
154 100
153 114.3 91.2 136.8
152 51.4 43.8 65.8



#52
3-Nitroaniline
Concen: 34.603 ng
RT: 9.97 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

Tgt Ion:138 Resp: 50708
Ion Ratio Lower Upper
138 100
108 10.4 9.4 14.0
92 101.6 89.4 134.2





#54

Dibenzofuran

Concen: 58.118 ng

RT: 10.21 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA_F

ClientSampleId :

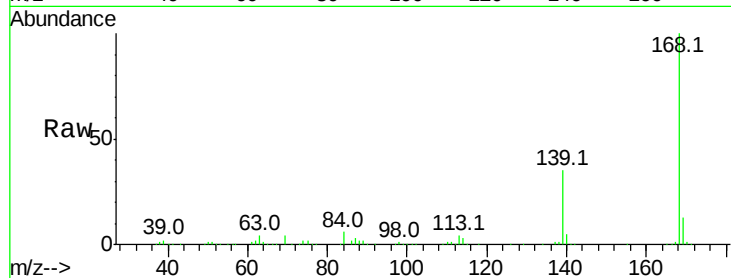
Tot Ion:168 Resp: 397976

Ion Ratio Lower Upper

168 100

139 34.6 30.1 45.1

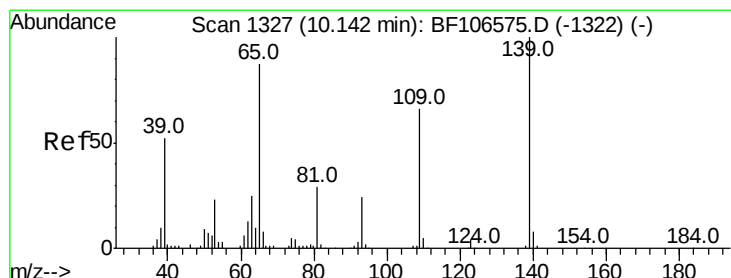
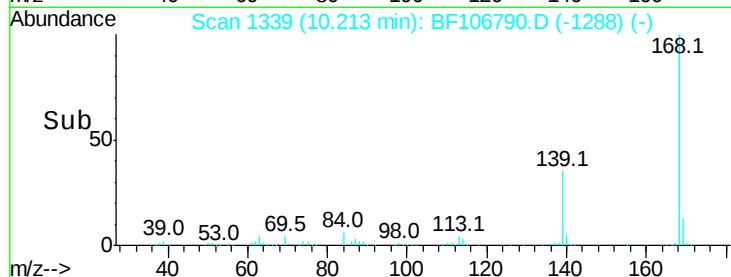
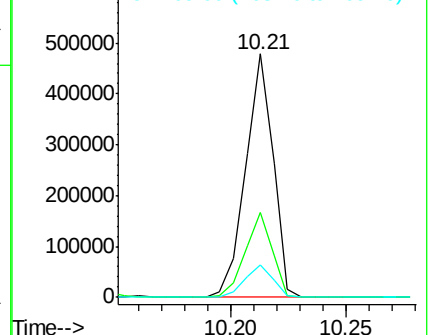
169 13.4 10.9 16.3



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: 10.116 ng

RT: 10.14 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

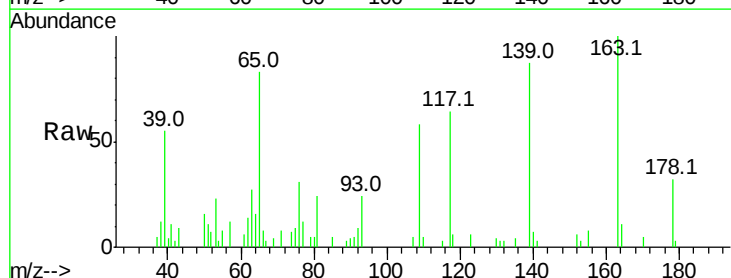
Tgt Ion:139 Resp: 10348

Ion Ratio Lower Upper

139 100

109 66.8 48.4 88.4

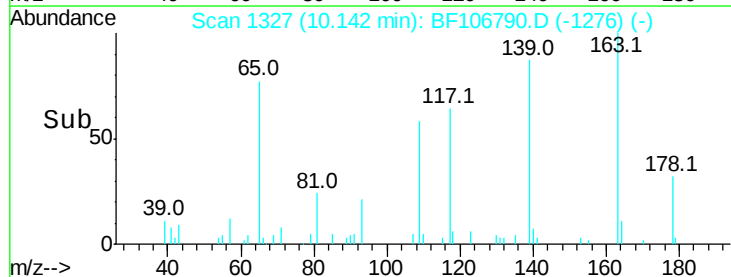
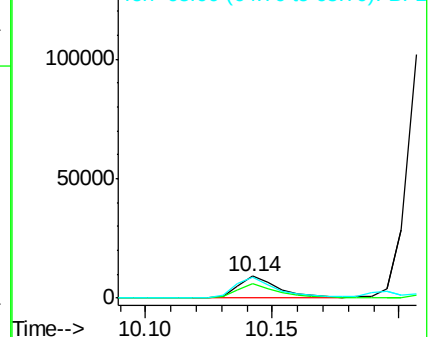
65 95.5 72.6 112.6

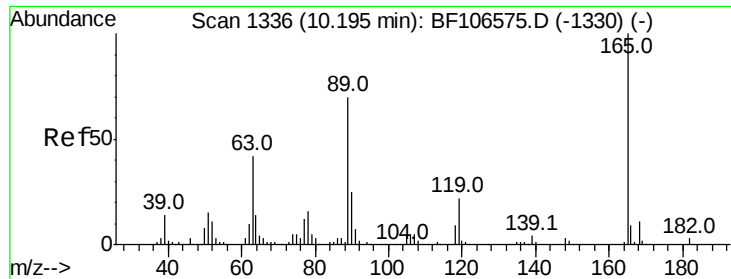


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

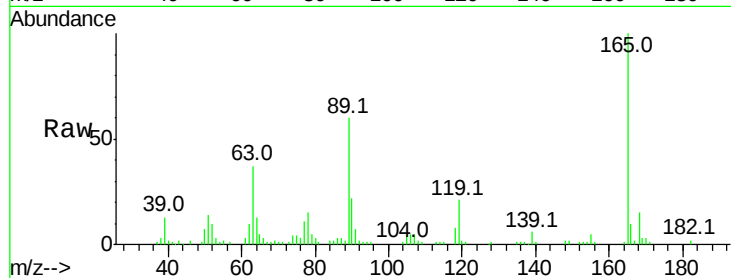




#56
2,4-Dinitrotoluene
Concen: 29.863 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.0	36.4	54.6
89	59.8	57.8	86.6
182	2.5	1.6	2.4



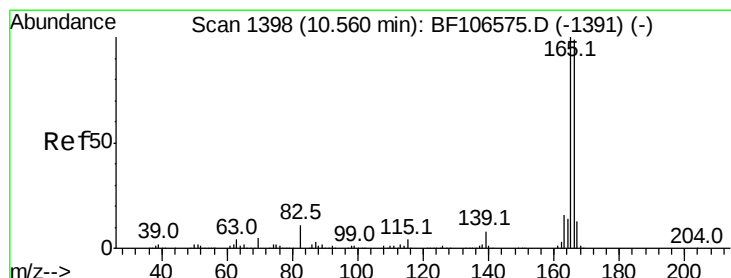
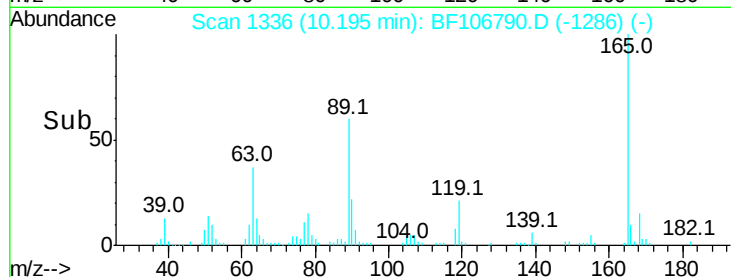
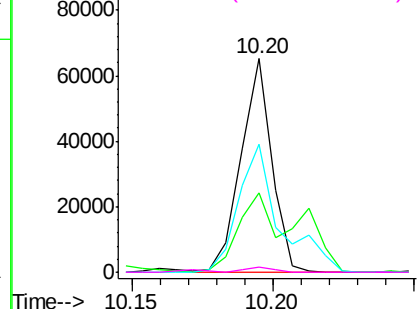
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

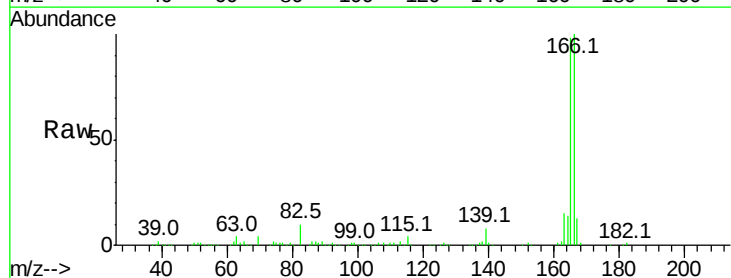
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 57.635 ng
RT: 10.56 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.8	119.8
167	13.4	10.6	16.0

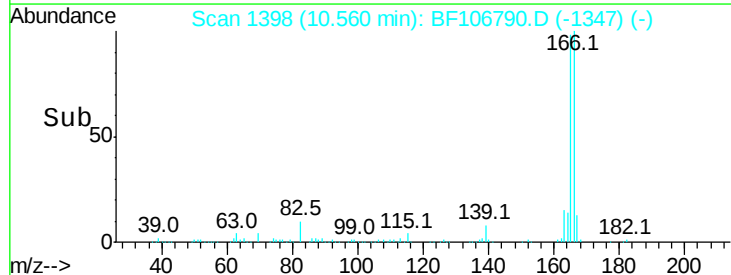
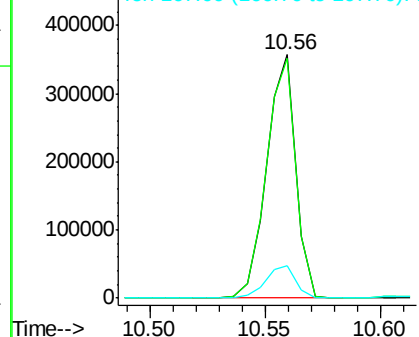


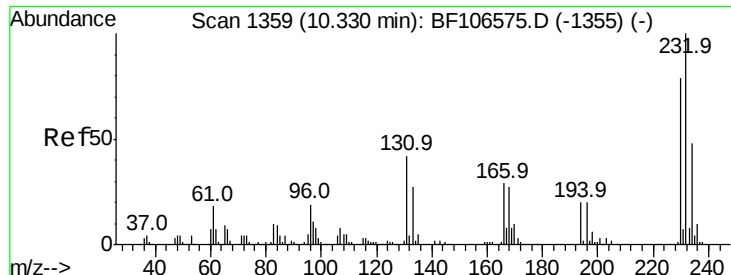
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

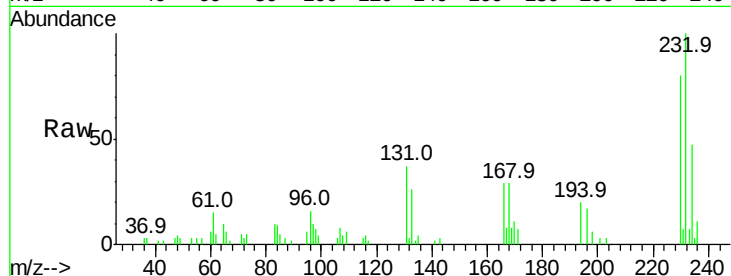




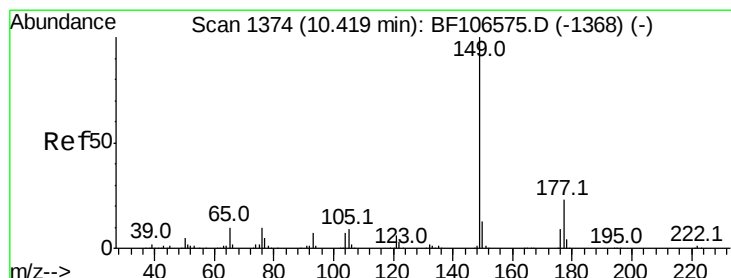
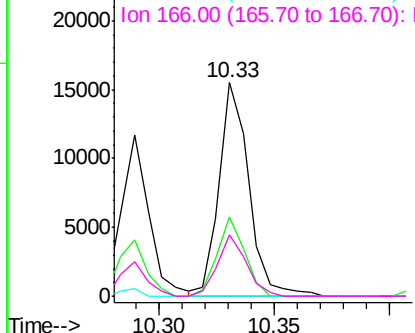
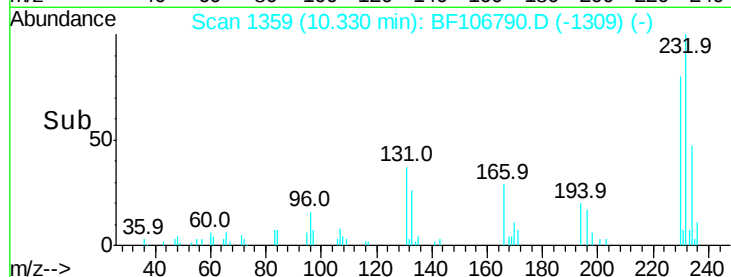
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 9.285 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF106790.D
 Acq: 25 Jun 2018 23:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 13824
 Ion Ratio Lower Upper
 232 100
 131 34.2 43.8 65.8#
 130 0.0 2.1 3.1#
 166 0.0 27.8 41.6#

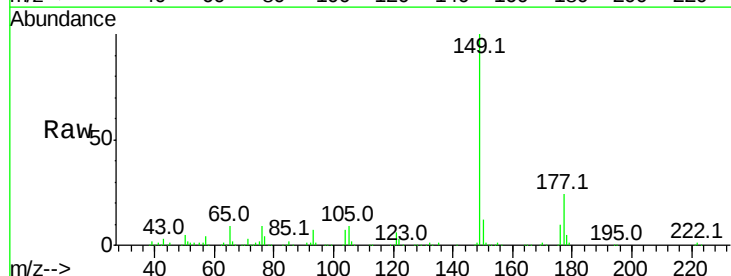


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

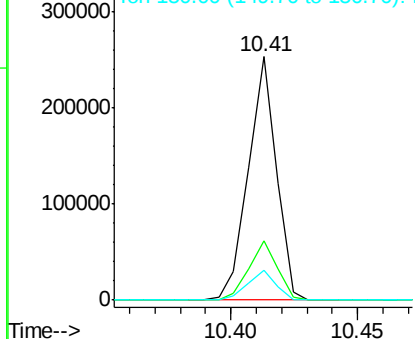
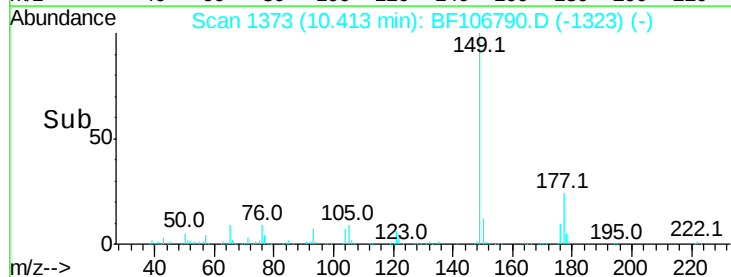


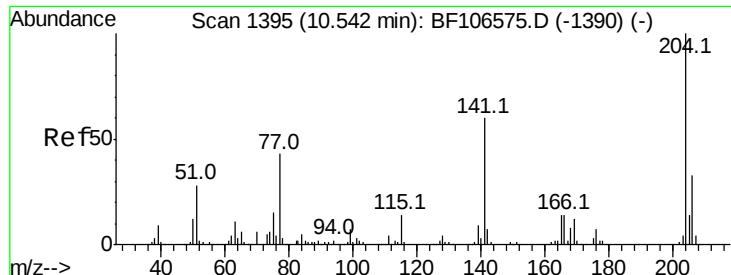
#59
 Diethylphthalate
 Concen: 33.843 ng
 RT: 10.41 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF106790.D
 Acq: 25 Jun 2018 23:40

Tgt Ion:149 Resp: 196442
 Ion Ratio Lower Upper
 149 100
 177 24.4 16.1 24.1#
 150 12.4 10.1 15.1



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

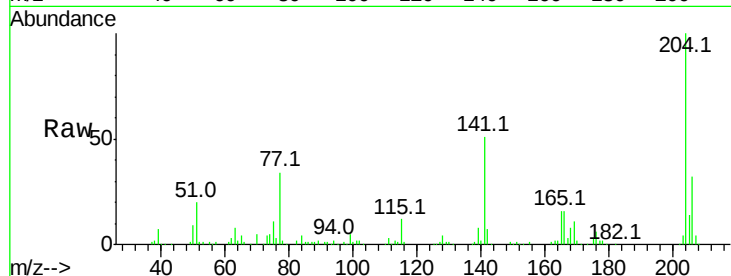




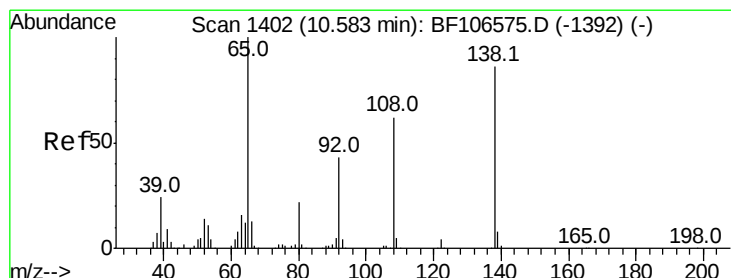
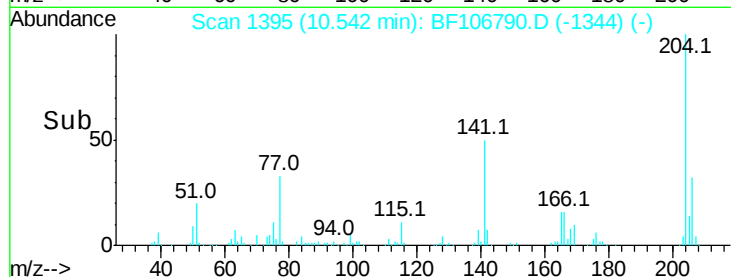
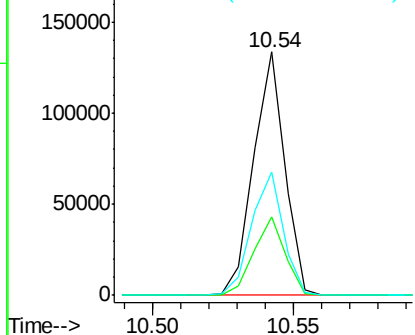
#60
4-Chlorophenyl-phenylether
Concen: 36.020 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 102410
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 50.7 54.6 81.8#

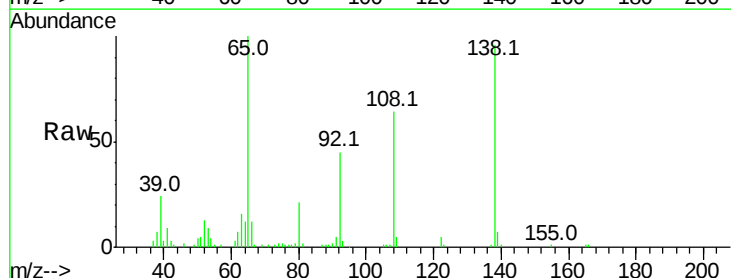


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

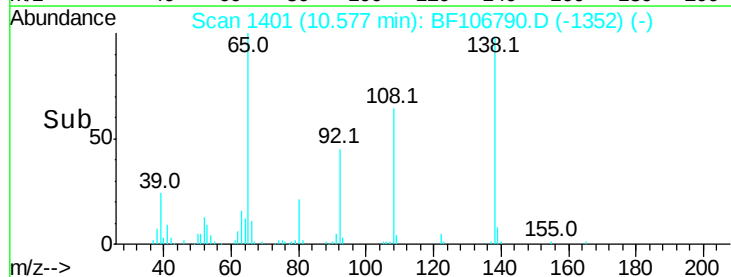
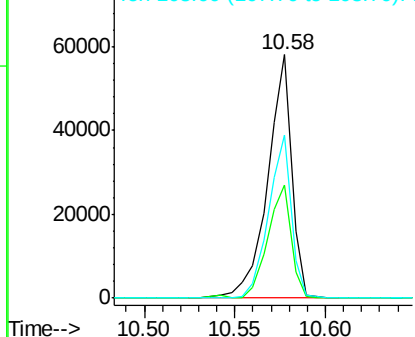


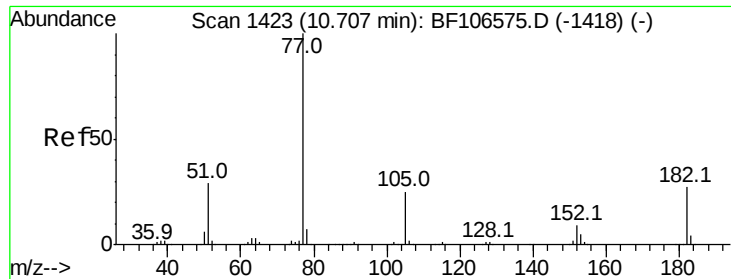
#61
4-Nitroaniline
Concen: 36.752 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

Tgt Ion:138 Resp: 53451
Ion Ratio Lower Upper
138 100
92 46.6 30.2 70.2
108 66.8 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

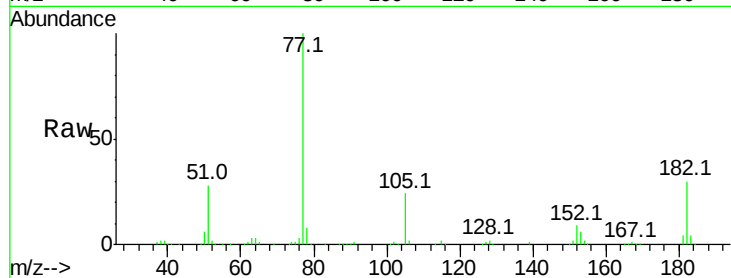




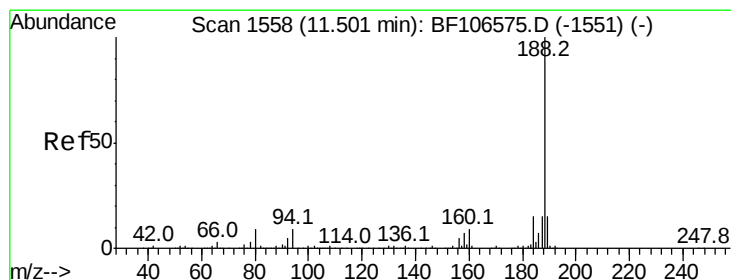
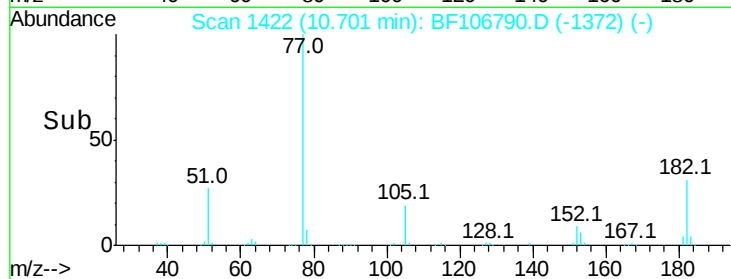
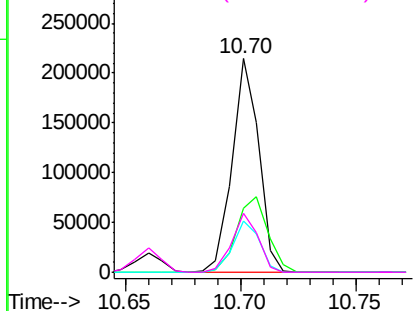
#62
Azobenzene
Concen: 30.080 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 171939
Ion Ratio Lower Upper
77 100
182 30.1 1.7 41.7
105 24.0 3.0 43.0
51 27.6 9.9 49.9

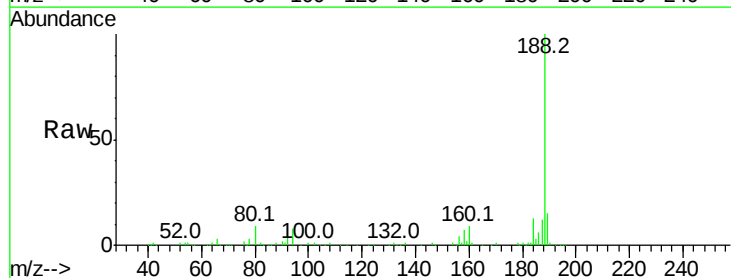


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

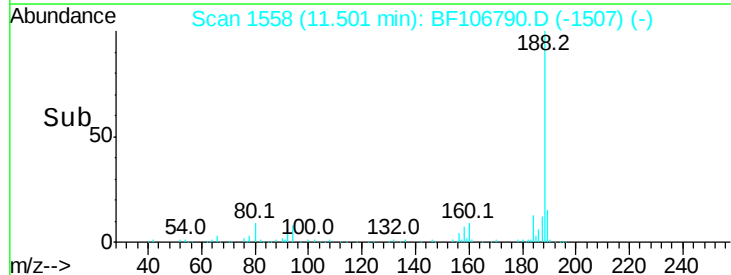
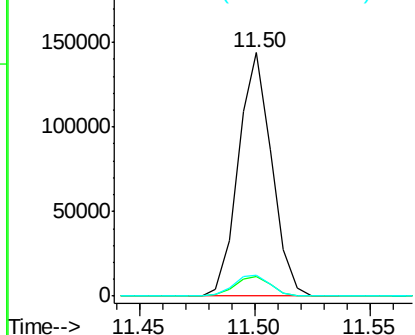


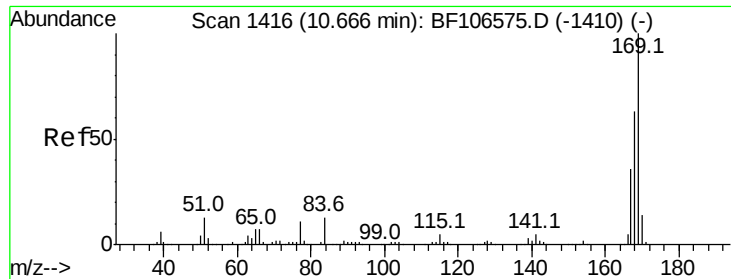
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

Tgt Ion: 188 Resp: 144441
Ion Ratio Lower Upper
188 100
94 8.1 8.5 12.7#
80 8.8 9.2 13.8#



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





#65

n-Nitrosodiphenylamine

Concen: 34.694 ng

RT: 10.66 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA_F

ClientSampled :

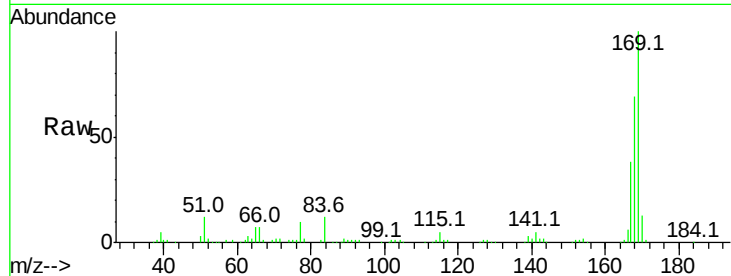
Tot Ion:169 Resp: 168556

Ion Ratio Lower Upper

169 100

168 68.6 54.4 81.6

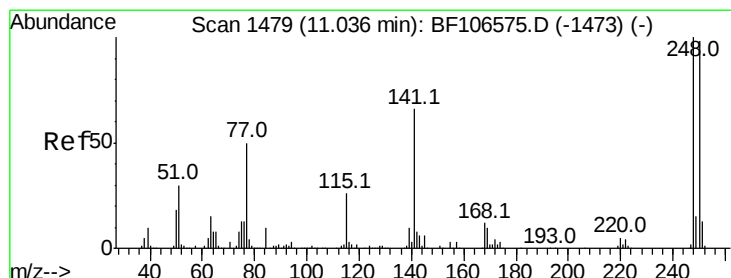
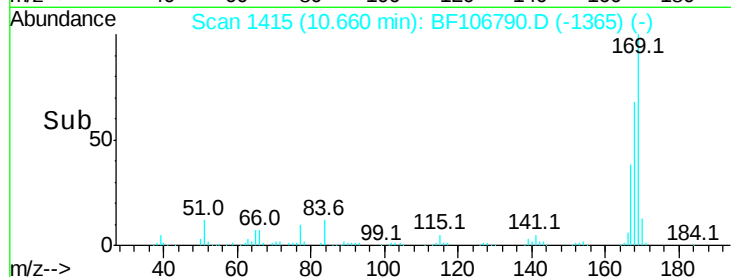
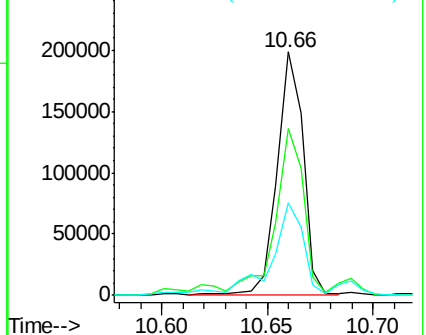
167 38.3 29.8 44.6



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: 38.886 ng

RT: 11.04 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

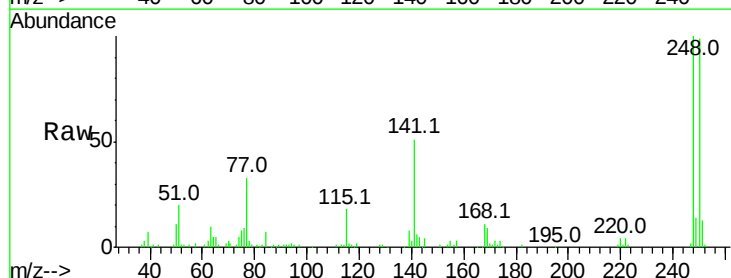
Tgt Ion:248 Resp: 67033

Ion Ratio Lower Upper

248 100

250 98.9 76.9 115.3

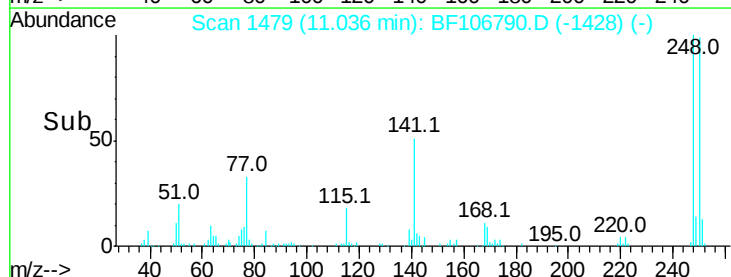
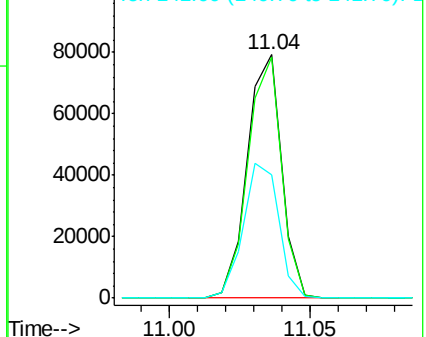
141 50.9 74.4 111.6#

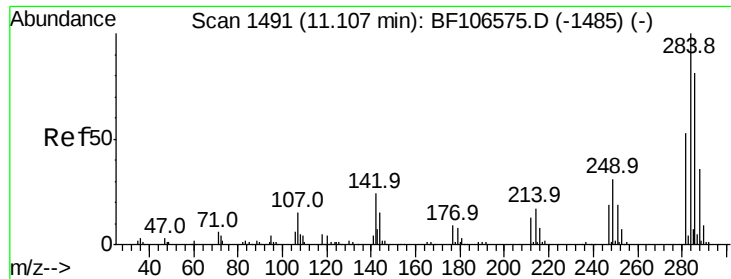


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

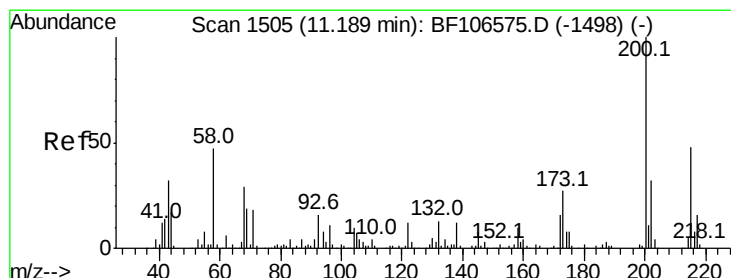
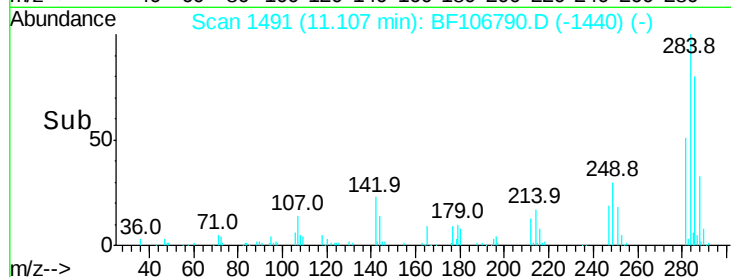
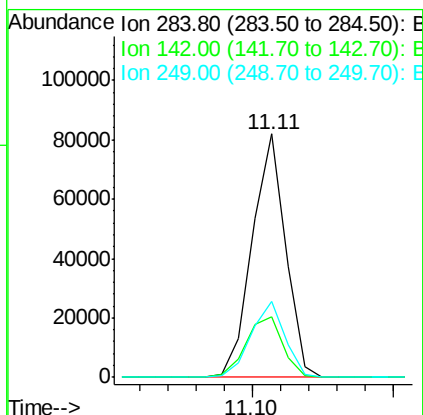
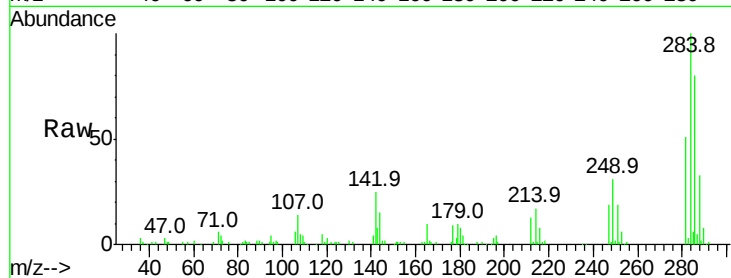




#67
Hexachlorobenzene
Concen: 37.284 ng
RT: 11.11 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

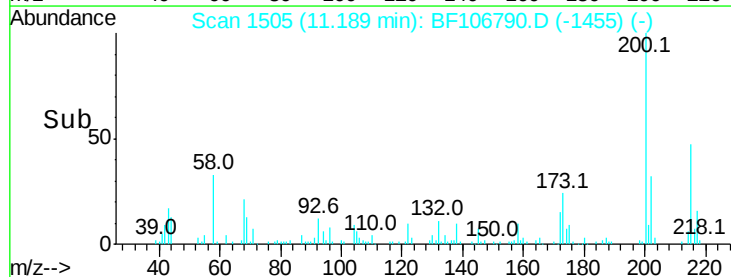
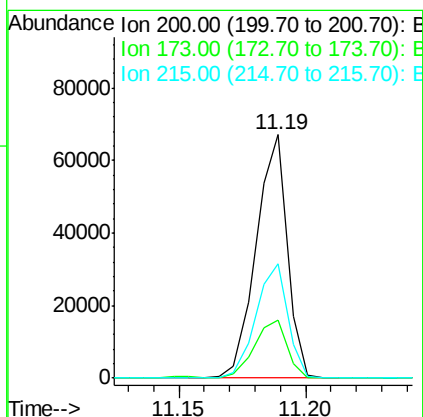
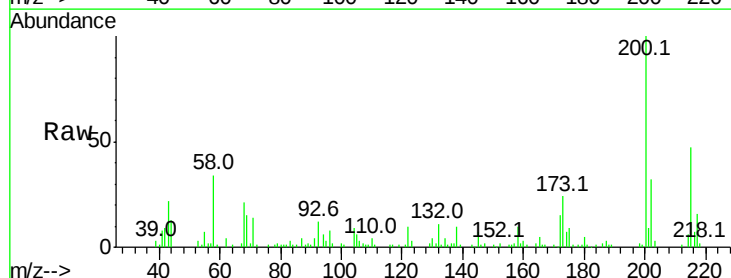
Instrument :
BNA_F
ClientSampled :

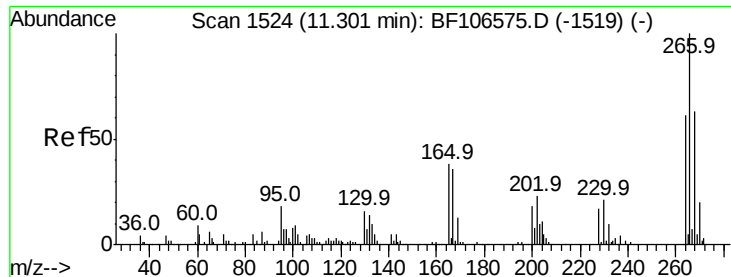
Tot Ion:284 Resp: 67269
Ion Ratio Lower Upper
284 100
142 24.7 34.6 52.0#
249 31.1 24.8 37.2



#68
Atrazine
Concen: 37.320 ng
RT: 11.19 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

Tgt Ion:200 Resp: 57640
Ion Ratio Lower Upper
200 100
173 23.8 8.6 48.6
215 47.0 25.1 65.1

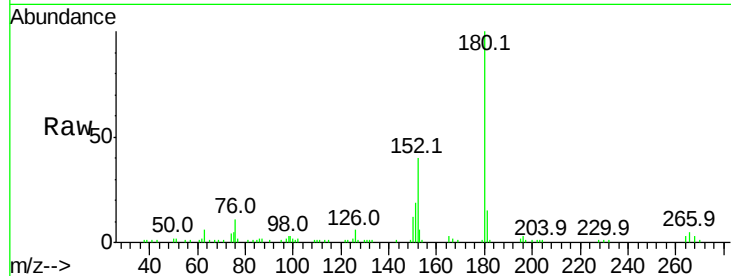




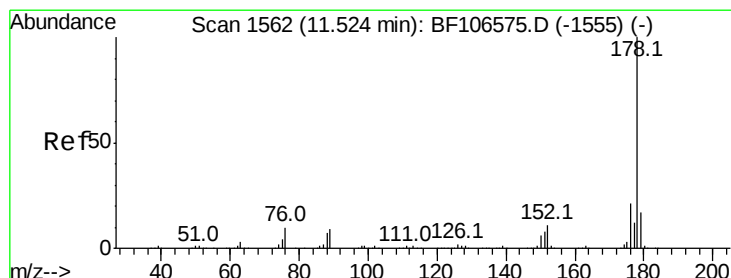
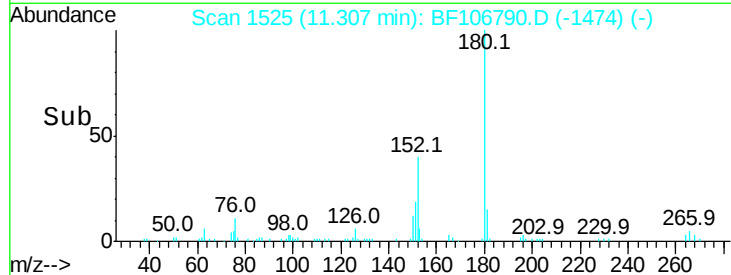
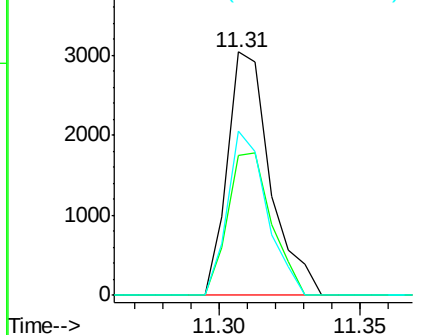
#69
 Pentachlorophenol
 Concen: 3.571 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF106790.D
 Acq: 25 Jun 2018 23:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 3215
 Ion Ratio Lower Upper
 266 100
 268 57.4 51.1 76.7
 264 67.5 49.5 74.3

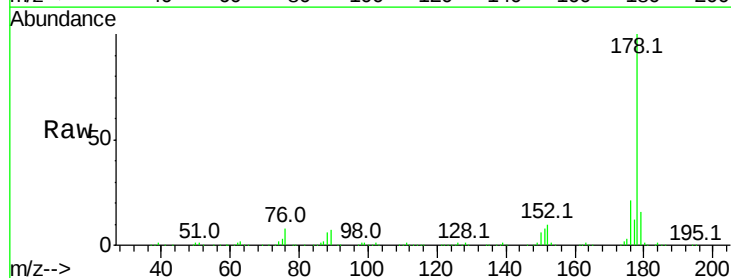


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

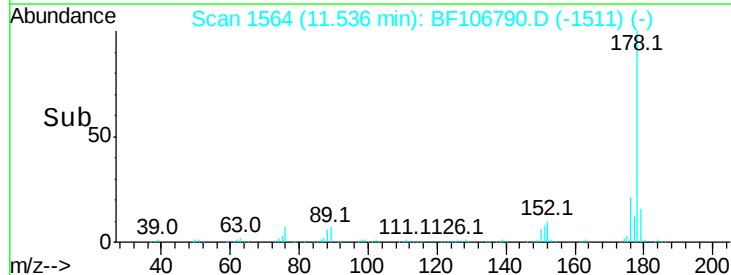
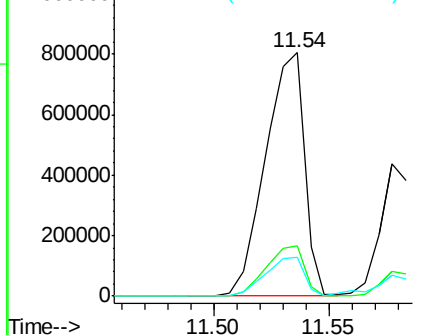


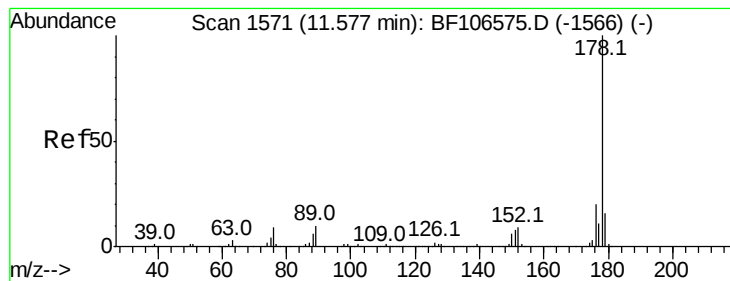
#70
 Phenanthrene
 Concen: 135.566 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. 0.01 min
 Lab File: BF106790.D
 Acq: 25 Jun 2018 23:40

Tgt Ion:178 Resp: 944443
 Ion Ratio Lower Upper
 178 100
 176 20.9 15.8 23.8
 179 15.8 13.0 19.6



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





#71

Anthracene

Concen: 56.855 ng

RT: 11.58 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

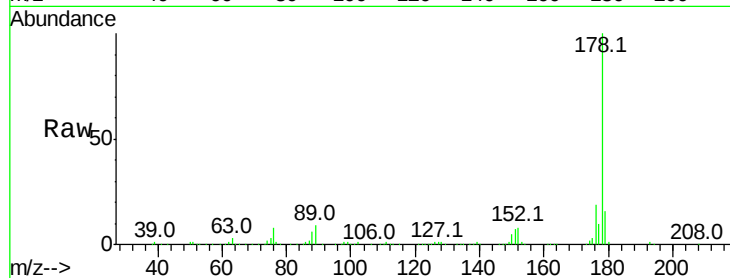
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 404291

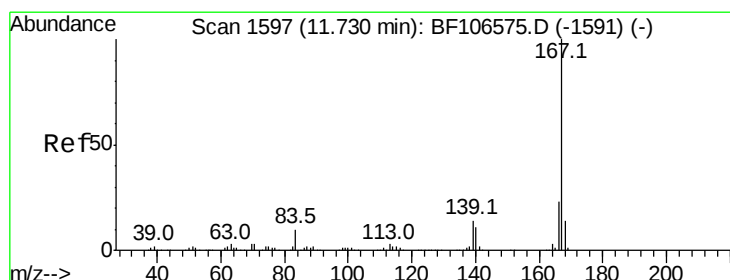
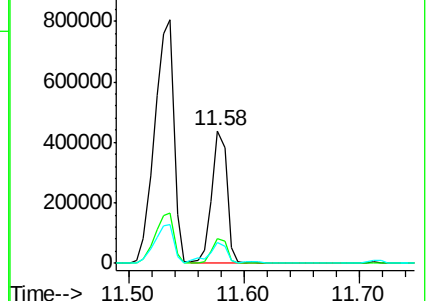
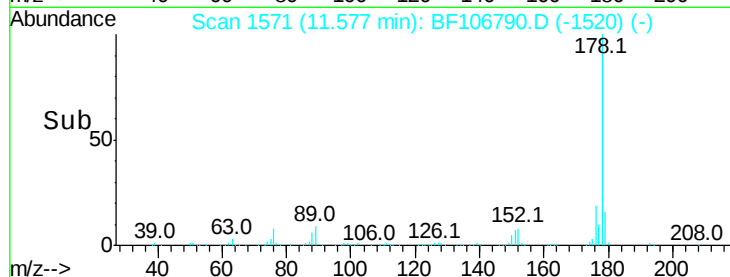
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.9	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.058 ng

RT: 11.73 min Scan# 1597

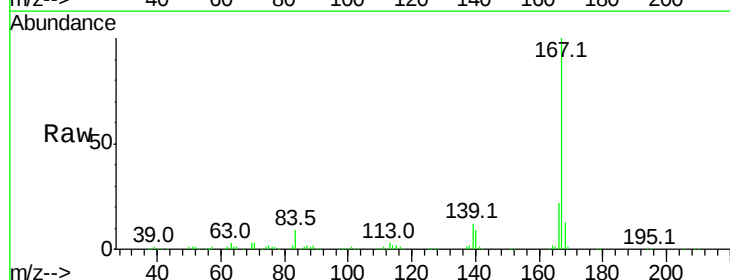
Delta R.T. -0.01 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Tgt Ion:167 Resp: 293321

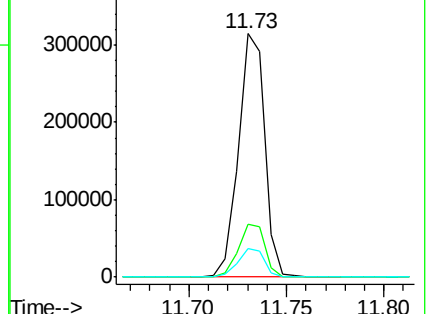
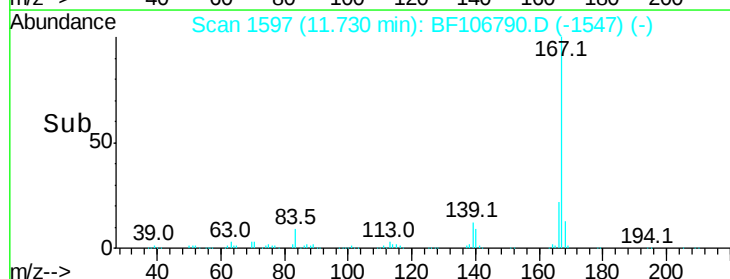
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	11.9	10.9	16.3

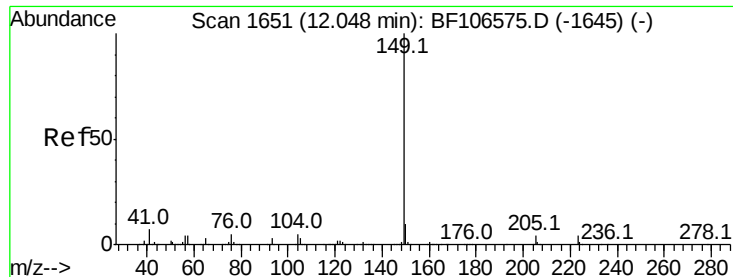


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.144 ng

RT: 12.04 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA_F

ClientSampleId :

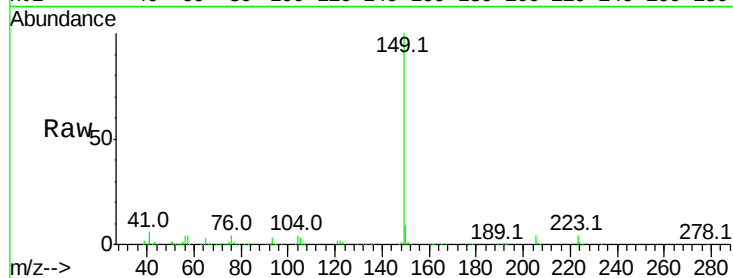
Tot Ion:149 Resp: 283482

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

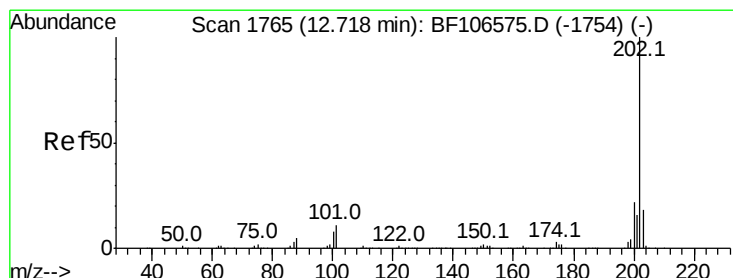
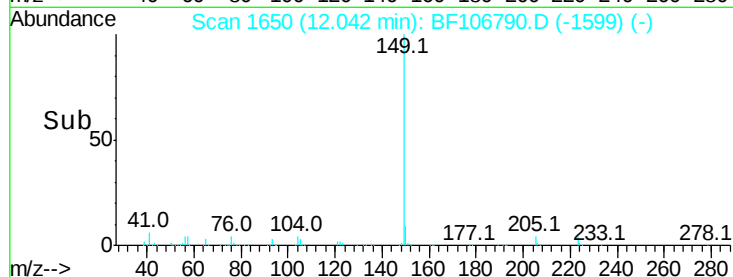
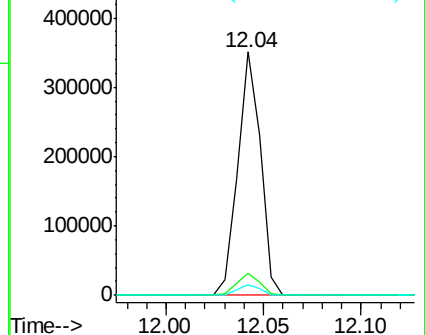
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 112.653 ng

RT: 12.72 min Scan# 1766

Delta R.T. 0.01 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

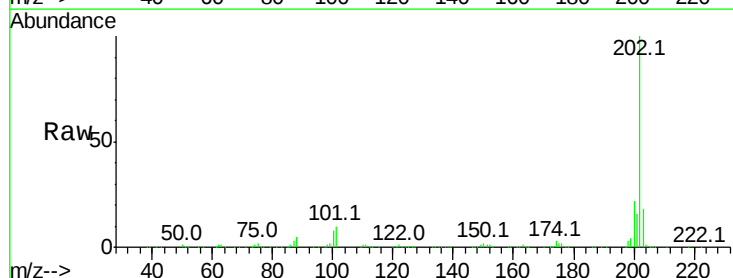
Tgt Ion:202 Resp: 865028

Ion Ratio Lower Upper

202 100

101 10.2 0.0 34.1

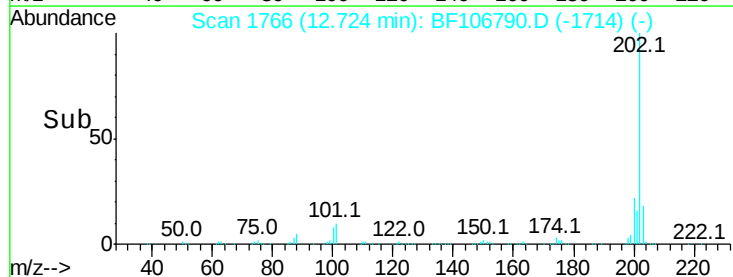
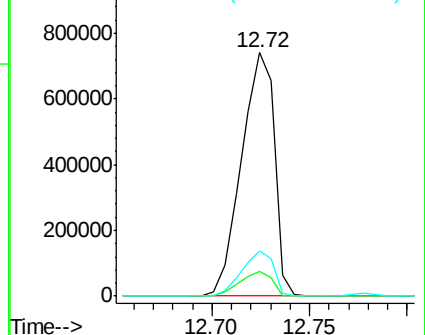
203 18.3 0.0 38.1

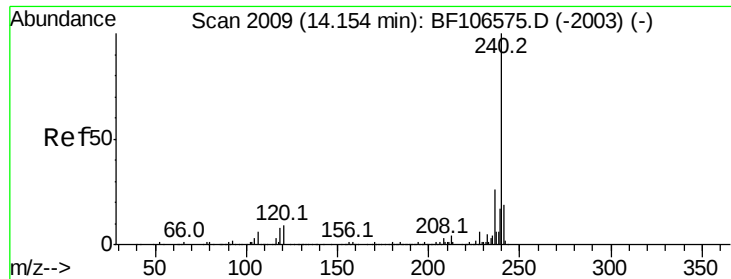


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA_F

ClientSampleId :

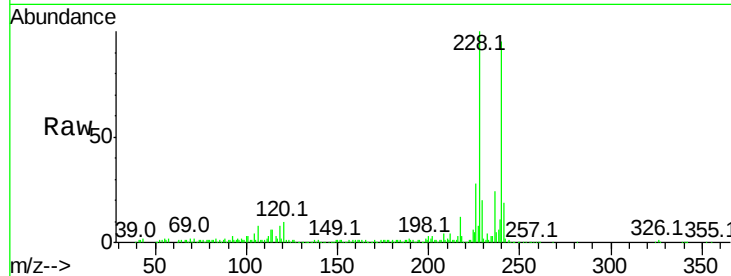
Tot Ion:240 Resp: 122601

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

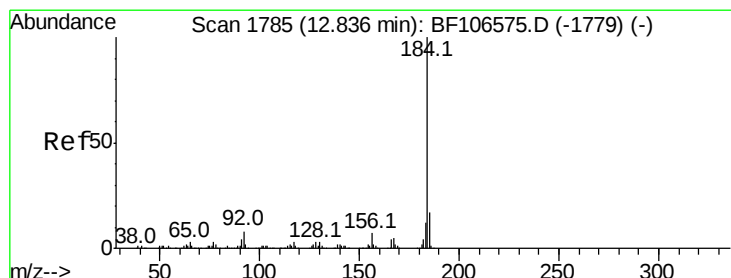
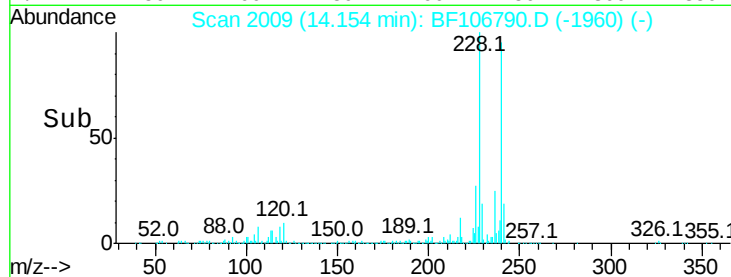
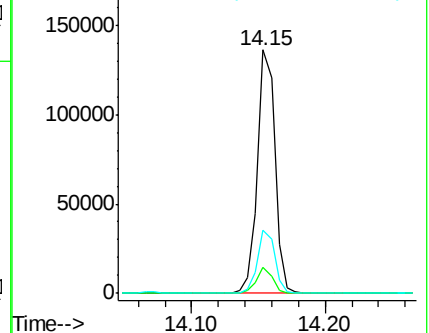
236 25.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.135 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

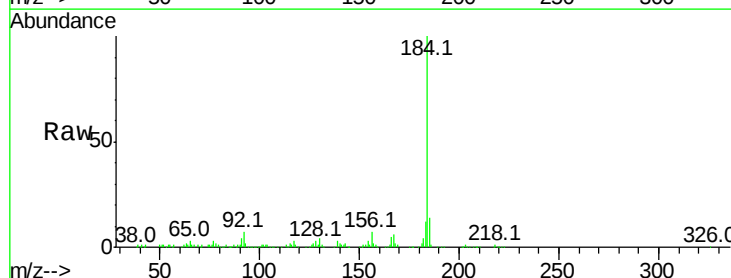
Tgt Ion:184 Resp: 164580

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

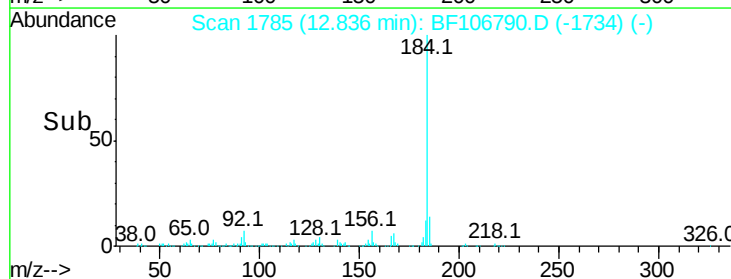
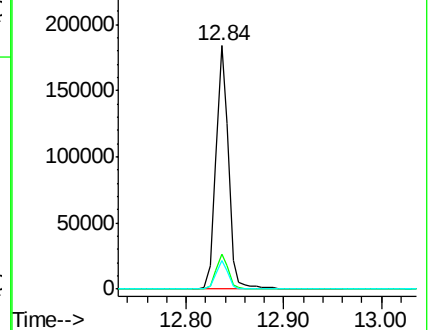
183 11.6 9.3 13.9

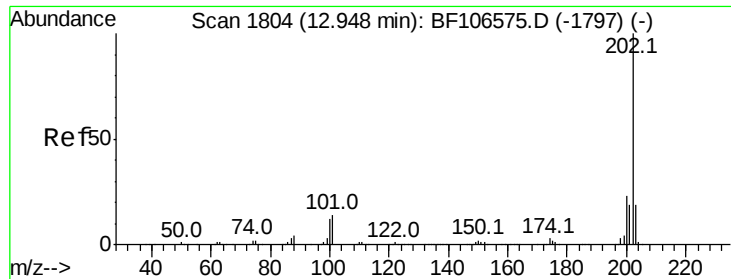


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

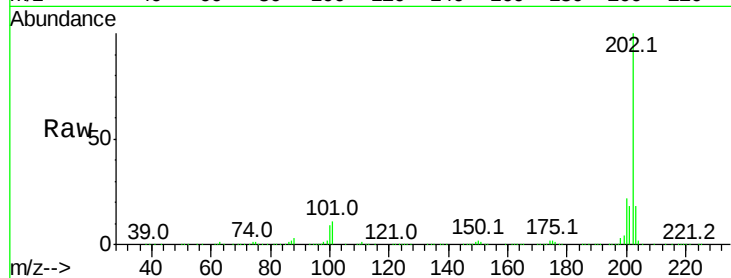




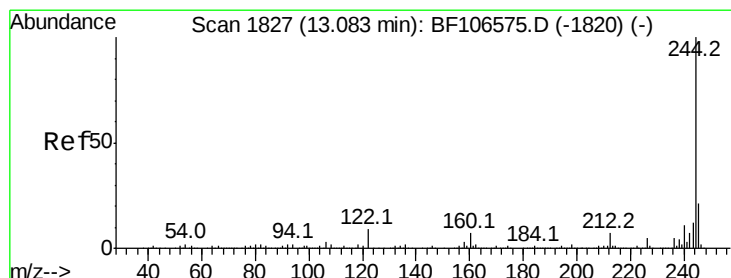
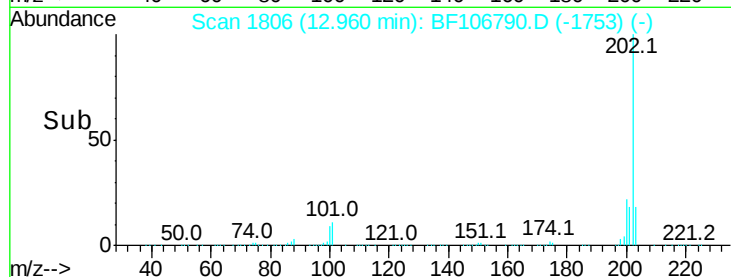
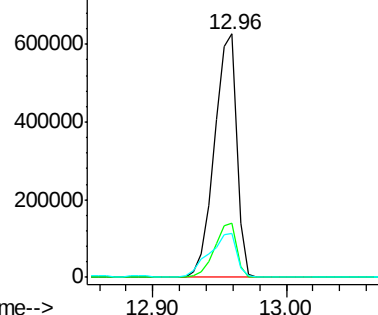
#77
Pvrene
Concen: 88.910 ng
RT: 12.96 min Scan# 1806
Delta R.T. 0.01 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 718813
Ion Ratio Lower Upper
202 100
200 22.2 17.4 26.2
203 18.0 14.3 21.5

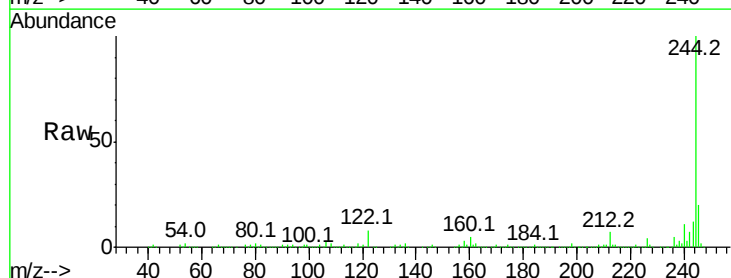


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

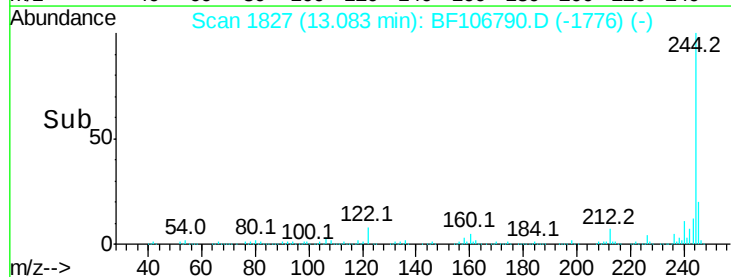
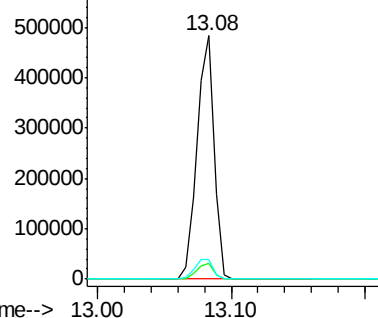


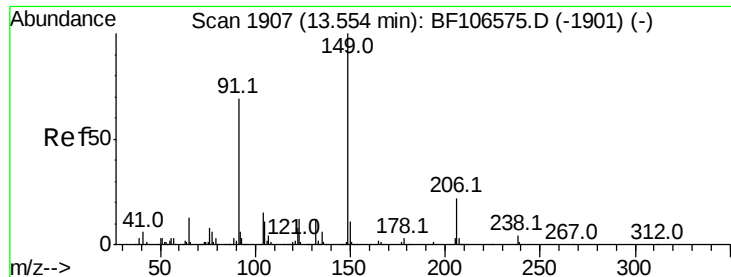
#78
Terphenyl-d14
Concen: 87.286 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

Tgt Ion:244 Resp: 441785
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 8.1 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: 35.890 ng

RT: 13.55 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA_F

ClientSampleId :

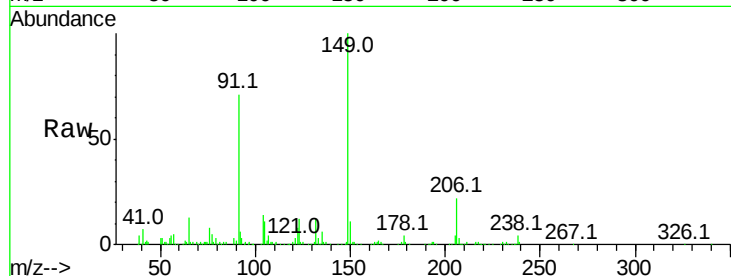
Tot Ion:149 Resp: 119299

Ion Ratio Lower Upper

149 100

91 71.1 56.8 85.2

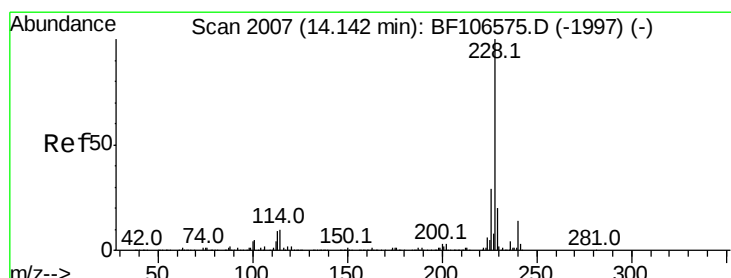
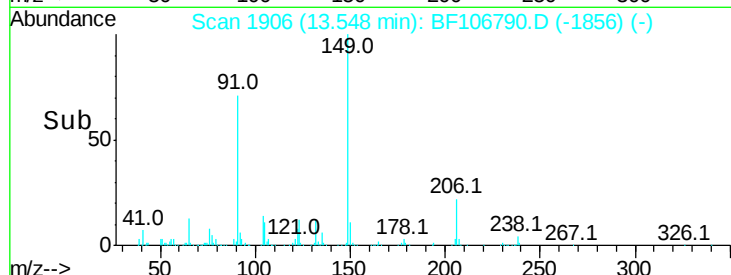
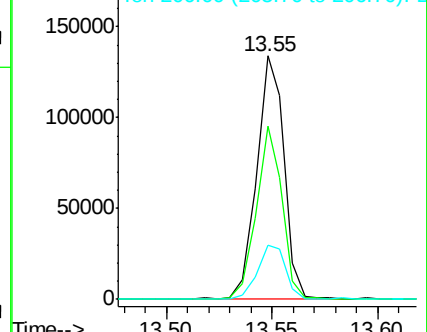
206 22.0 14.1 21.1#



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: 52.191 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

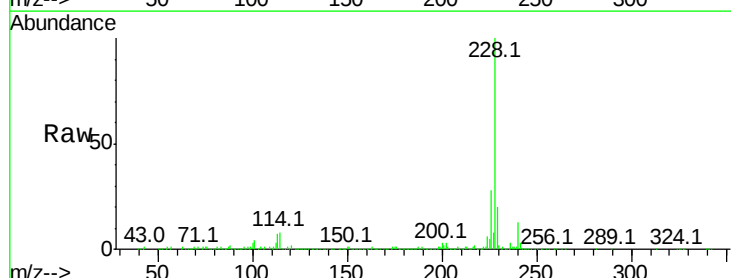
Tgt Ion:228 Resp: 389982

Ion Ratio Lower Upper

228 100

226 28.5 22.6 33.8

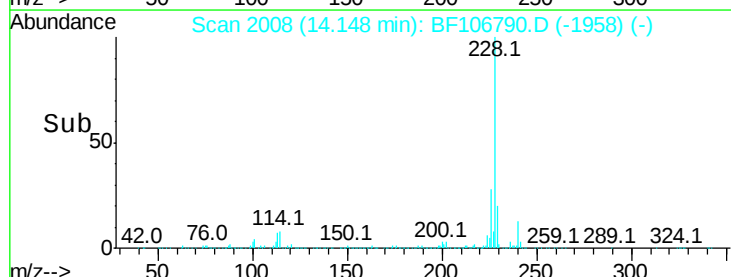
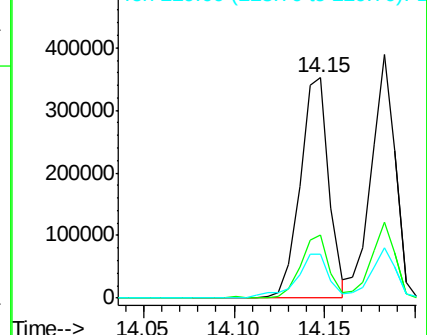
229 20.2 15.8 23.6

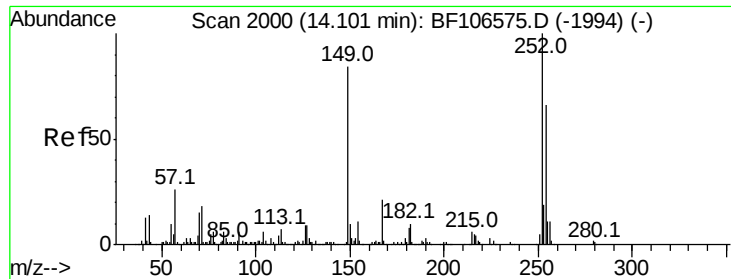


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

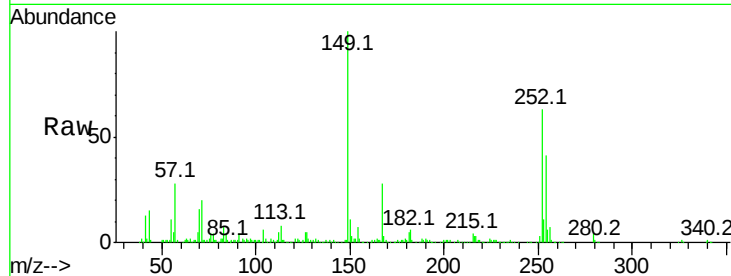




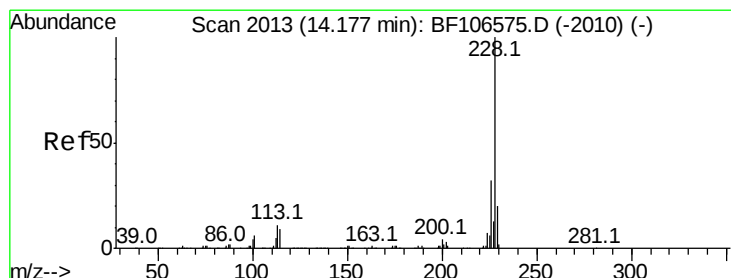
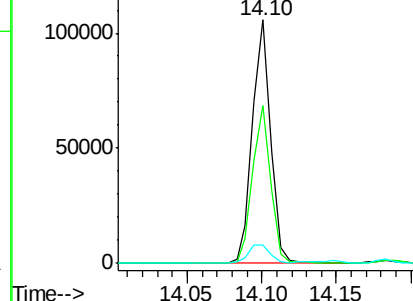
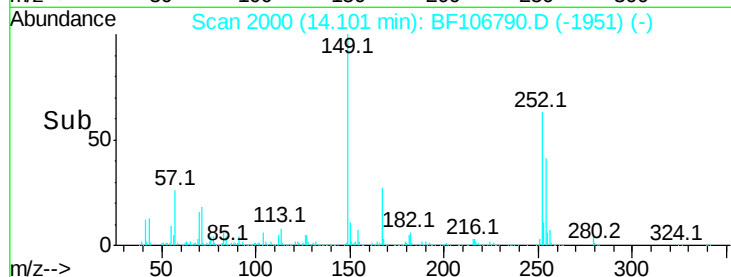
#81
 3,3'-Dichlorobenzidine
 Concen: 34.055 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF106790.D
 Acq: 25 Jun 2018 23:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 89434
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.4 75.6
 126 7.6 11.3 16.9#

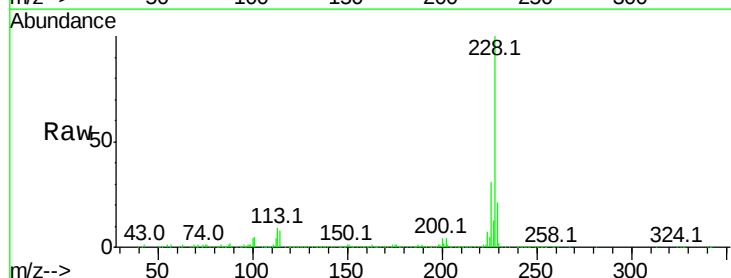


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

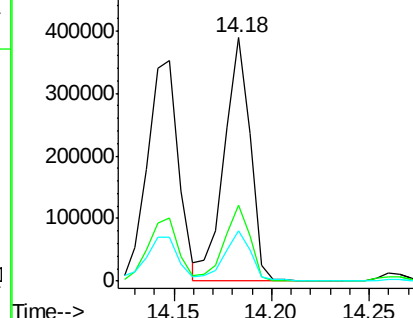
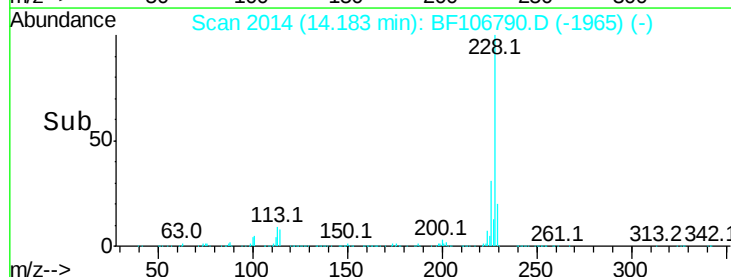


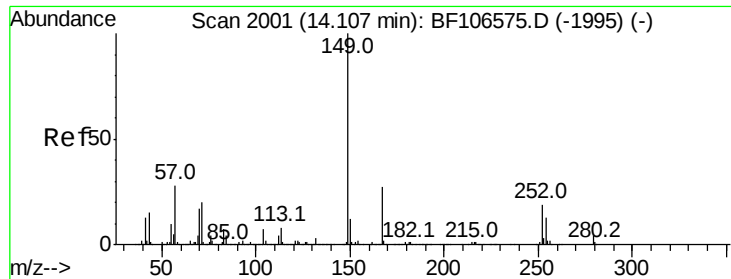
#82
 Chrysene
 Concen: 52.146 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF106790.D
 Acq: 25 Jun 2018 23:40

Tgt Ion:228 Resp: 358467
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 20.7 16.2 24.4



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

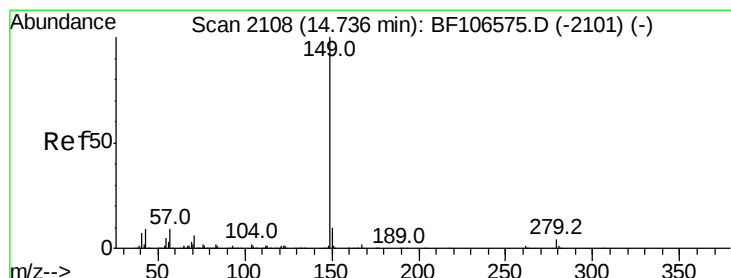
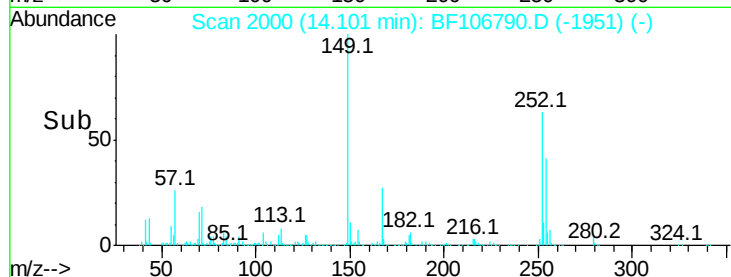
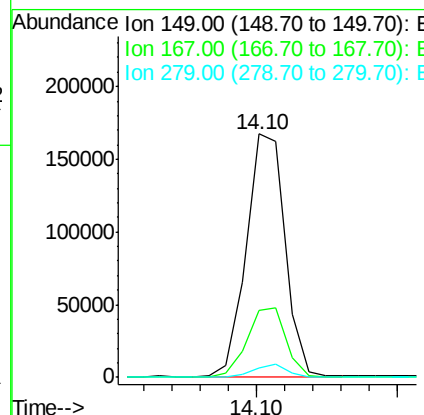
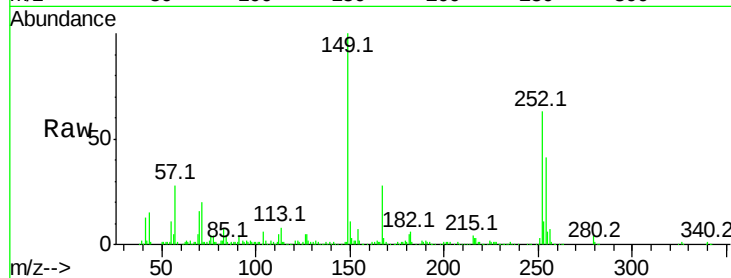




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.252 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF106790.D
 Acq: 25 Jun 2018 23:40

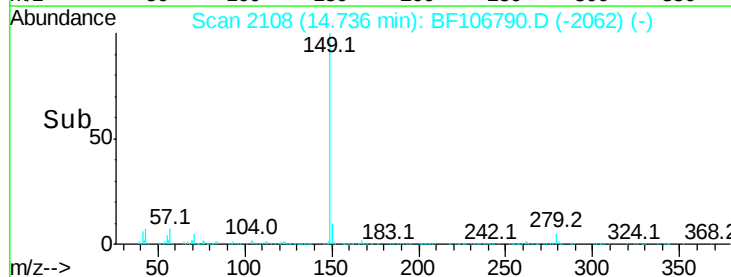
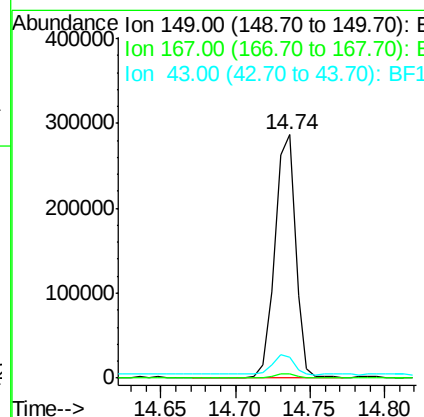
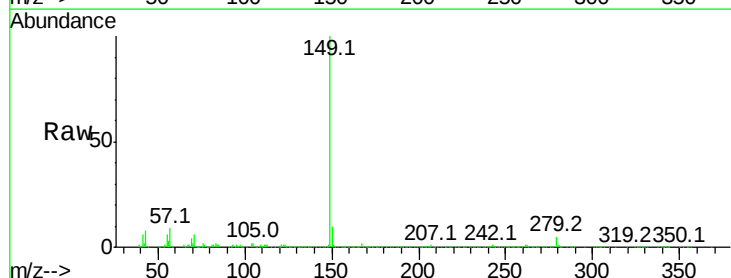
Instrument :
 BNA_F
 ClientSampleId :

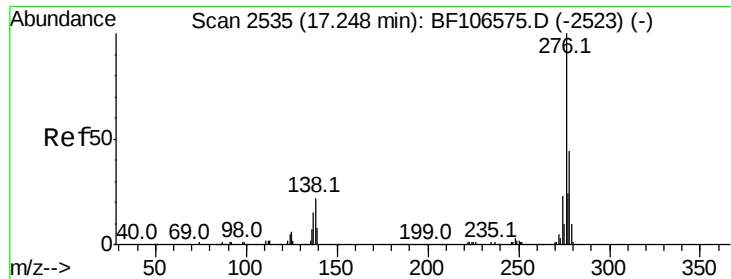
Tot Ion:149 Resp: 158307
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.3 31.9
 279 4.1 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 39.482 ng
 RT: 14.74 min Scan# 2108
 Delta R.T. -0.03 min
 Lab File: BF106790.D
 Acq: 25 Jun 2018 23:40

Tgt Ion:149 Resp: 273498
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8
 43 7.9 8.4 12.6#

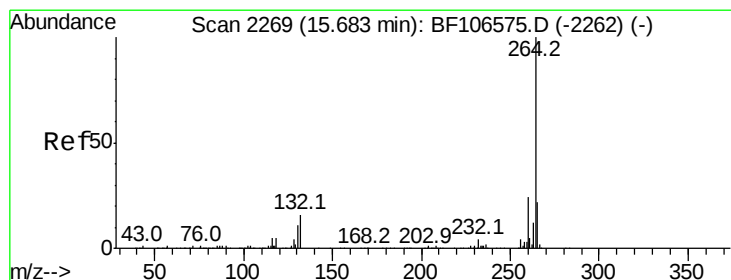
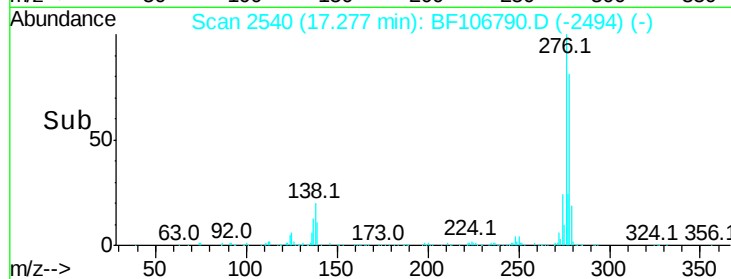
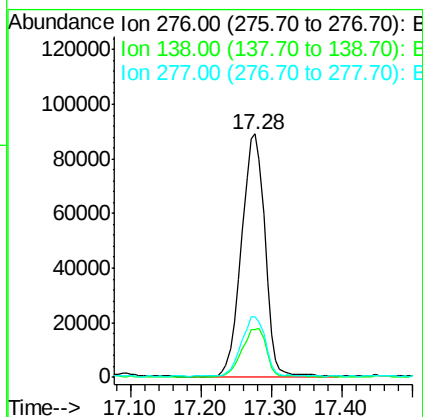
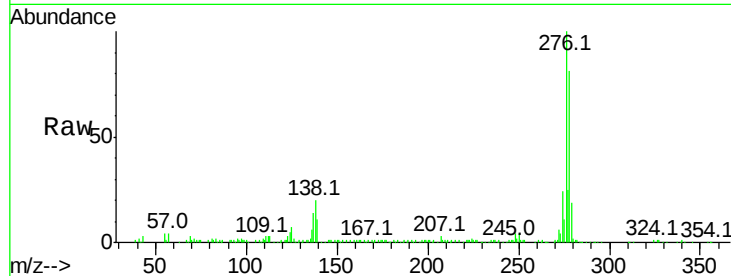




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.791 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. -0.03 min
 Lab File: BF106790.D
 Acq: 25 Jun 2018 23:40

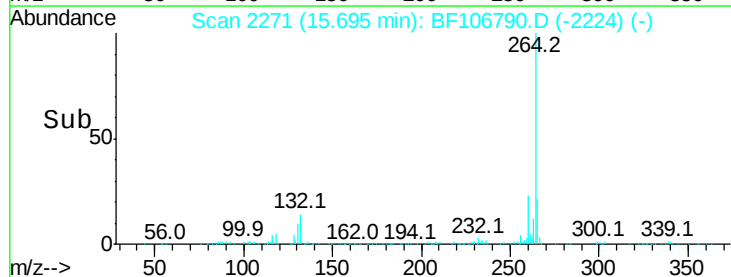
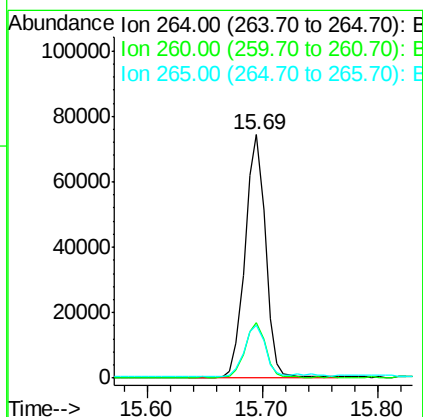
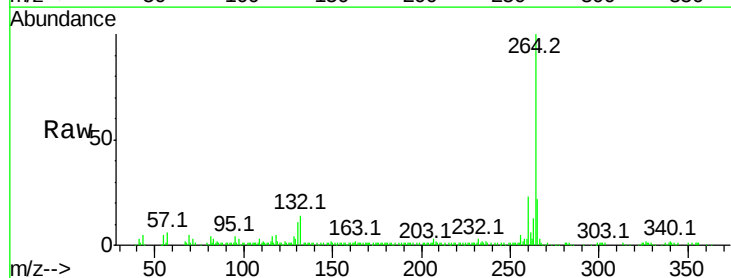
Instrument :
 BNA_F
 ClientSampleId :

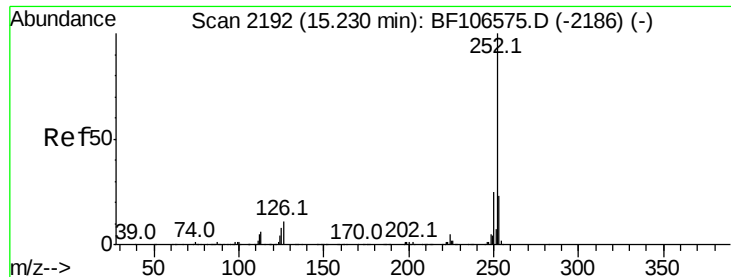
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.2	25.0	37.6#
277	24.6	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF106790.D
 Acq: 25 Jun 2018 23:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.9	17.5	26.3

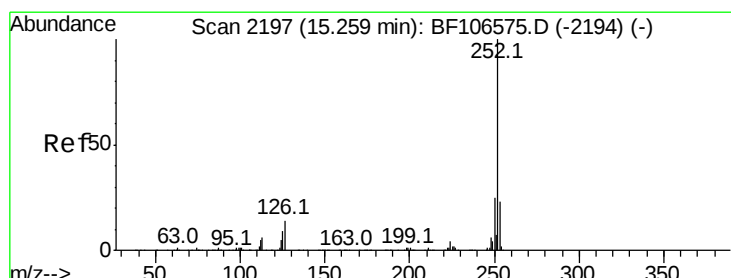
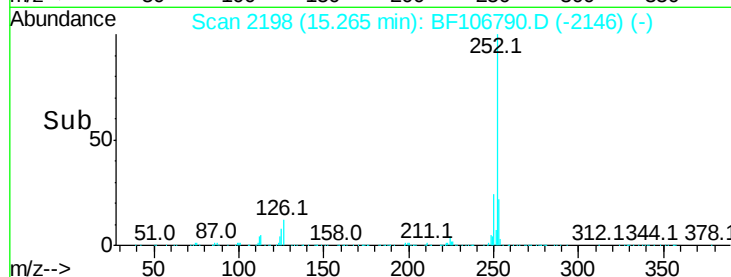
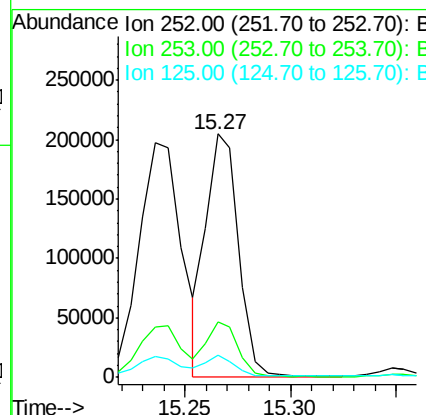
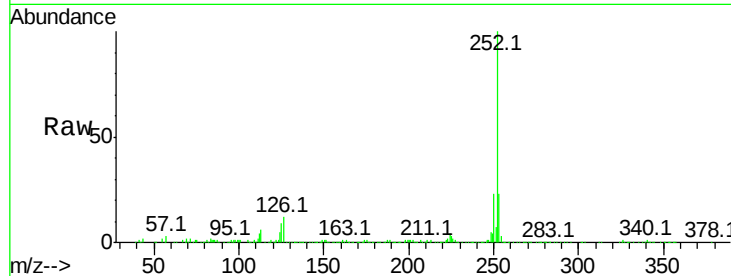




#87
Benzo(b)fluoranthene
Concen: 38.172 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

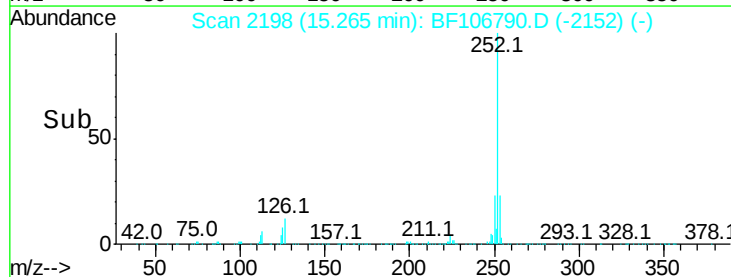
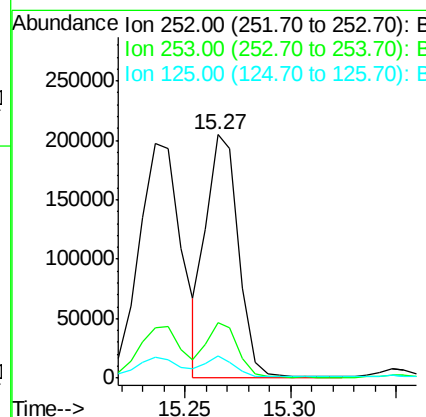
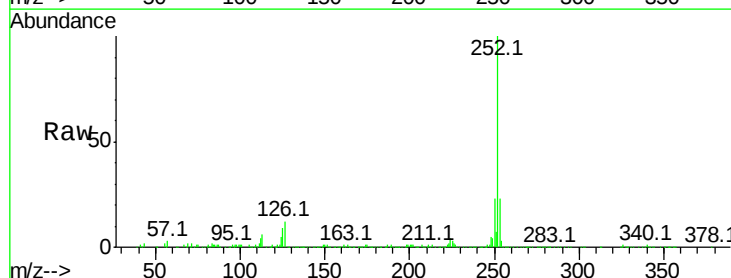
Instrument :
BNA_F
ClientSampleId :

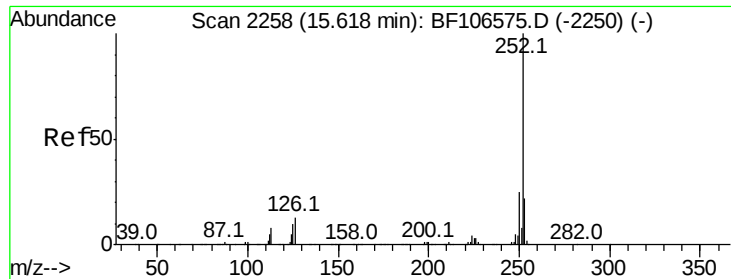
Tot Ion:252 Resp: 218482
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 9.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.085 ng
RT: 15.27 min Scan# 2198
Delta R.T. -0.03 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

Tgt Ion:252 Resp: 218482
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 9.1 10.2 15.2#

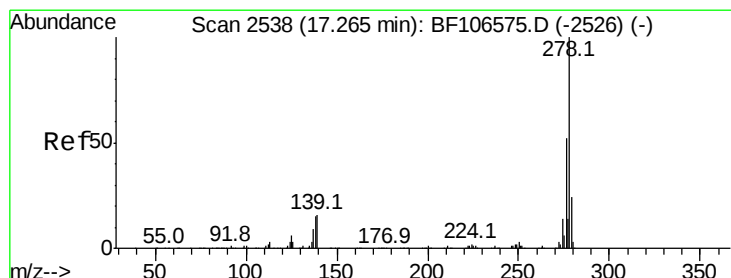
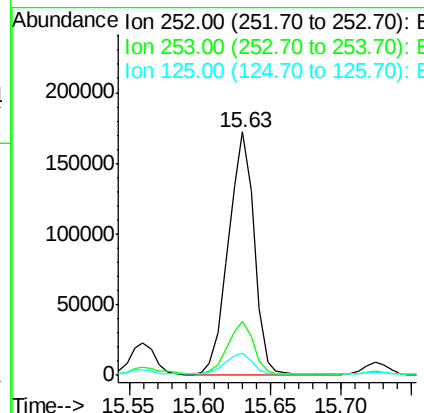
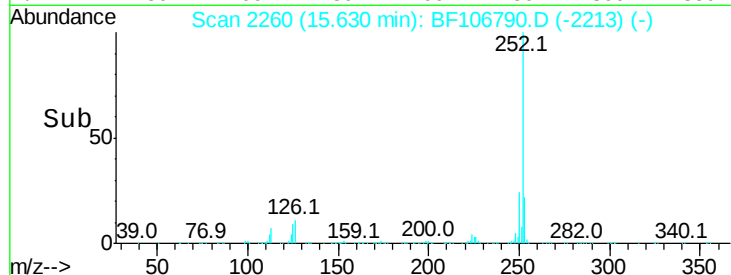
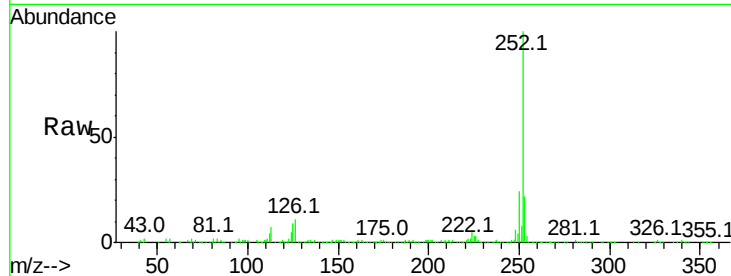




#89
Benzo(a)pyrene
Concen: 42.938 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

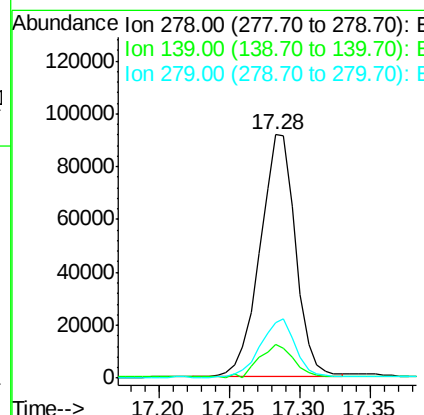
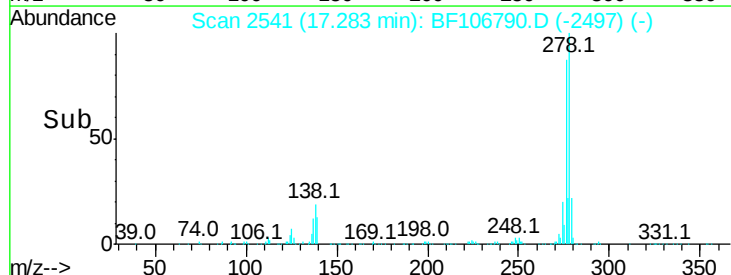
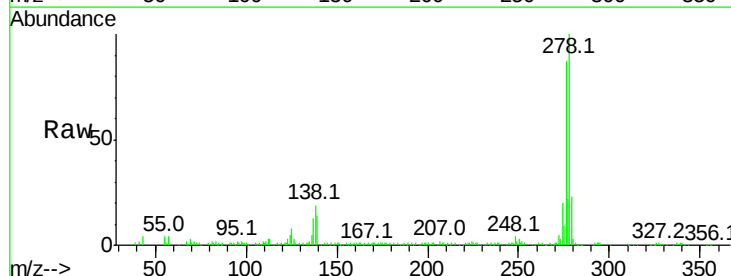
Instrument :
BNA_F
ClientSampleId :

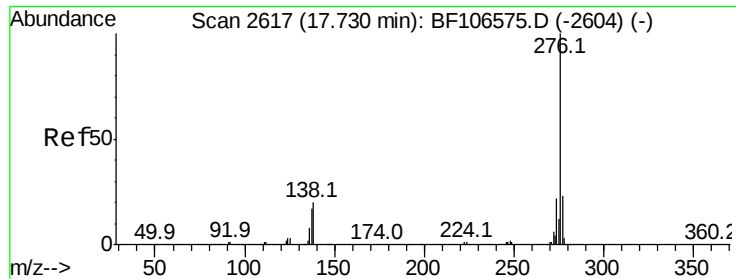
Tot Ion:252 Resp: 218473
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 9.2 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 37.737 ng
RT: 17.28 min Scan# 2541
Delta R.T. -0.04 min
Lab File: BF106790.D
Acq: 25 Jun 2018 23:40

Tgt Ion:278 Resp: 162726
Ion Ratio Lower Upper
278 100
139 14.0 15.9 23.9#
279 22.6 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.383 ng
 RT: 17.75 min Scan# 2621
 Delta R.T. -0.04 min
 Lab File: BF106790.D
 Acq: 25 Jun 2018 23:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	18.5	21.8	32.8

