

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107140.D
 Acq On : 5 Jul 2018 21:20
 Operator : JU/SJ
 Sample : J3480-17MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 04:13:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	55399	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	201639	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	92451	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	160970	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	164631	20.00	ng	-0.02
86) Perylene-d12	15.67	264	126870	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	296973	90.77	ng	0.00
7) Phenol-d6	6.60	99	364320	89.17	ng	-0.01
23) Nitrobenzene-d5	7.52	82	229307	63.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	97745	91.22	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	411511	73.31	ng	-0.02
78) Terphenyl-d14	13.07	244	448510	65.99	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.82	88	39301	23.366	ng	96
3) Pyridine	3.61	79	106414	23.328	ng	98
4) n-Nitrosodimethylamine	3.57	42	46431	23.965	ng	82
6) Aniline	6.61	93	133379	24.067	ng	# 39
8) 2-Chlorophenol	6.74	128	110155	30.698	ng	98
9) Benzaldehyde	6.51	77	53922	16.561	ng	96
10) Phenol	6.61	94	139825	29.988	ng	# 63
11) bis(2-Chloroethyl)ether	6.68	93	109373	28.414	ng	96
12) 1,3-Dichlorobenzene	6.89	146	126783	30.166	ng	98
13) 1,4-Dichlorobenzene	6.97	146	127930	30.108	ng	98
14) 1,2-Dichlorobenzene	7.12	146	119823	30.771	ng	98
15) Benzyl Alcohol	7.10	79	93695	28.560	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	154132	30.519	ng	56
17) 2-Methylphenol	7.21	107	90174	29.365	ng	# 90
18) Hexachloroethane	7.45	117	35510	23.765	ng	# 88
19) n-Nitroso-di-n-propylamine	7.35	70	77104	28.630	ng	96
20) 3+4-Methylphenols	7.37	107	119578	33.621	ng	95
22) Acetophenone	7.35	105	152935	33.901	ng	# 98
24) Nitrobenzene	7.54	77	115227	31.106	ng	96
25) Isophorone	7.77	82	208592	32.625	ng	98
26) 2-Nitrophenol	7.85	139	51619	29.518	ng	100
27) 2,4-Dimethylphenol	7.88	122	95683	35.400	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	135239	31.503	ng	99
29) 2,4-Dichlorophenol	8.10	162	96012	33.929	ng	92
30) 1,2,4-Trichlorobenzene	8.17	180	105853	33.956	ng	97
31) Naphthalene	8.25	128	306825	32.547	ng	99
32) Benzoic acid	7.98	122	10782	10.560	ng	96
33) 4-Chloroaniline	8.31	127	103959	26.281	ng	99
34) Hexachlorobutadiene	8.36	225	68741	33.842	ng	99
35) Caprolactam	8.67	113	25812	27.983	ng	97
36) 4-Chloro-3-methylphenol	8.80	107	92198	30.954	ng	97
37) 2-Methylnaphthalene	8.95	142	218700	35.000	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	111796	35.907	ng	# 96
42) 2,4,6-Trichlorophenol	9.23	196	64093	30.969	ng	93

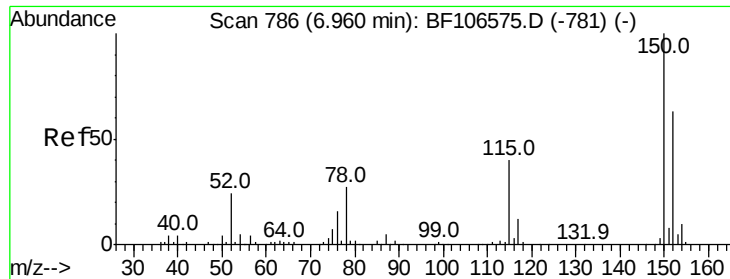
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.28	196	64404	29.823	nq	# 88
45) 1,1'-Biphenyl	9.41	154	260295	35.328	nq	97
46) 2-Chloronaphthalene	9.44	162	182444	31.458	nq	96
47) 2-Nitroaniline	9.54	65	57748	29.611	nq	97
48) Acenaphthylene	9.85	152	281750	30.771	nq	99
49) Dimethylphthalate	9.70	163	293130	42.275	nq	99
50) 2,6-Dinitrotoluene	9.78	165	45662	31.099	nq	87
51) Acenaphthene	10.02	154	167345	29.023	nq	98
52) 3-Nitroaniline	9.95	138	46954	27.790	nq	97
53) 2,4-Dinitrophenol	10.07	184	3391	9.498	nq	# 26
54) Dibenzofuran	10.20	168	254953	32.292	nq	97
55) 4-Nitrophenol	10.14	139	43435	36.829	nq	93
56) 2,4-Dinitrotoluene	10.19	165	54231	28.297	nq	# 87
57) Fluorene	10.54	166	197649	31.547	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	48162	28.056	nq	# 81
59) Diethylphthalate	10.40	149	205538	30.712	nq	95
60) 4-Chlorophenyl-phenylether	10.52	204	103786	31.660	nq	88
61) 4-Nitroaniline	10.57	138	45831	27.332	nq	97
62) Azobenzene	10.69	77	177287	26.901	nq	92
64) 4,6-Dinitro-2-methylphenol	10.60	198	5819	5.848	nq	79
65) n-Nitrosodiphenylamine	10.65	169	169862	31.373	nq	100
66) 4-Bromophenyl-phenylether	11.02	248	66855	34.801	nq	# 80
67) Hexachlorobenzene	11.10	284	67723	33.682	nq	# 79
68) Atrazine	11.17	200	57444	33.374	nq	96
69) Pentachlorophenol	11.30	266	28118	28.027	nq	98
70) Phenanthrene	11.51	178	266726	34.355	nq	98
71) Anthracene	11.57	178	277424	35.008	nq	99
72) Carbazole	11.72	167	247806	33.400	nq	97
73) Di-n-butylphthalate	12.03	149	285965	32.716	nq	98
74) Fluoranthene	12.71	202	301332	35.213	nq	94
76) Benzidine	12.82	184	219776	46.874	nq	97
77) Pyrene	12.94	202	305659	28.155	nq	99
79) Butylbenzylphthalate	13.54	149	119690	26.815	nq	# 91
80) Benzo(a)anthracene	14.13	228	313179	31.212	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	117746	33.389	nq	# 97
82) Chrysene	14.17	228	293274	31.771	nq	100
83) Bis(2-ethylhexyl)phthalate	14.08	149	162833	28.535	nq	# 97
84) Di-n-octyl phthalate	14.71	149	301578	32.421	nq	# 96
85) Indeno(1,2,3-cd)pyrene	17.26	276	202511	25.851	nq	# 90
87) Benzo(b)fluoranthene	15.22	252	254036	32.234	nq	# 96
88) Benzo(k)fluoranthene	15.25	252	250847	33.423	nq	# 95
89) Benzo(a)pyrene	15.61	252	225158	32.137	nq	97
90) Dibenzo(a,h)anthracene	17.27	278	172406	29.036	nq	# 92
91) Benzo(g,h,i)perylene	17.74	276	165269	28.477	nq	# 91

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

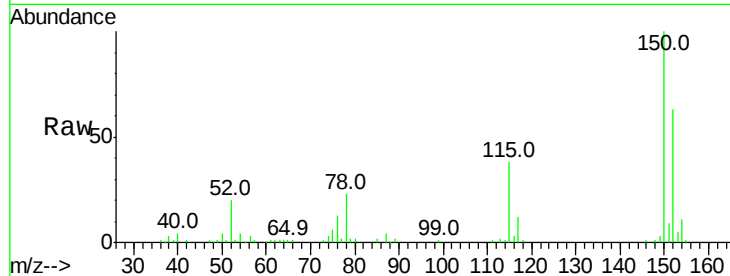


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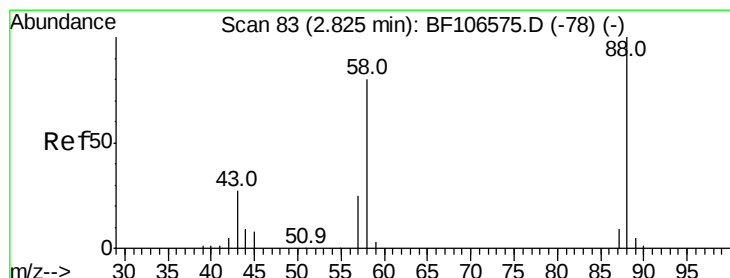
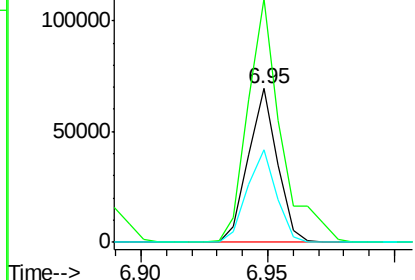
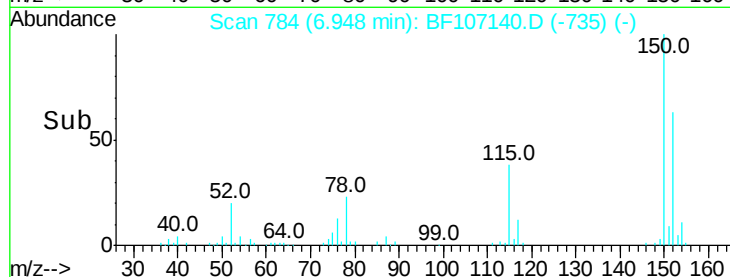
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 55399
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 60.4 50.1 75.1



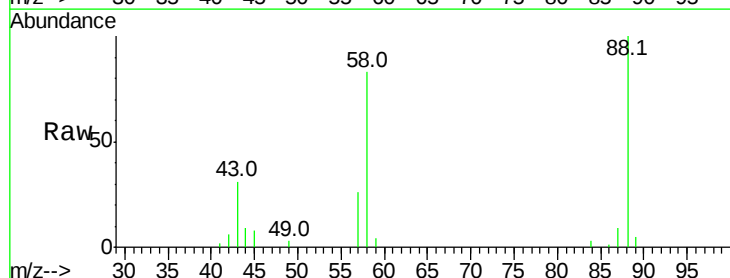
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



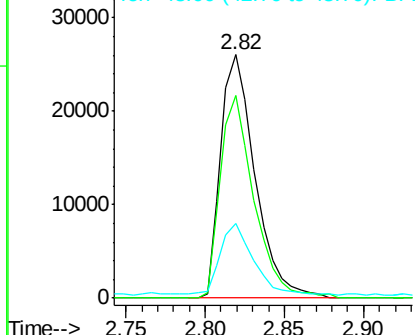
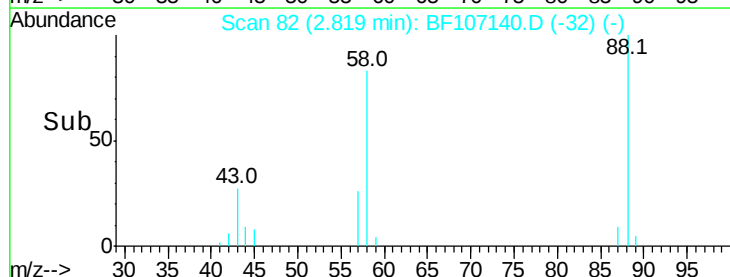
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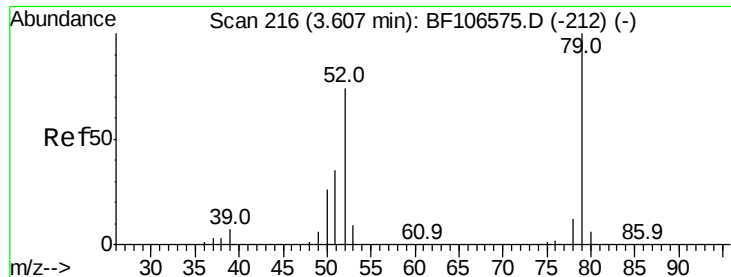
1,4-Dioxane
Concen: 23.366 ng
RT: 2.82 min Scan# 82
Delta R.T. -0.01 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Tgt Ion: 88 Resp: 39301
Ion Ratio Lower Upper
88 100
58 81.5 62.6 93.8
43 27.6 24.6 37.0



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





#3

Pvridine

Concen: 23.328 ng

RT: 3.61 min Scan# 216

Delta R.T. -0.00 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

Instrument :

BNA_F

ClientSampleId :

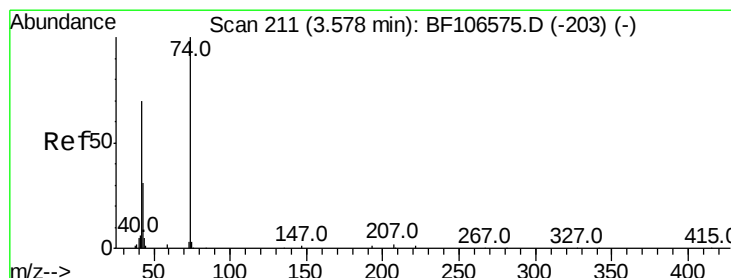
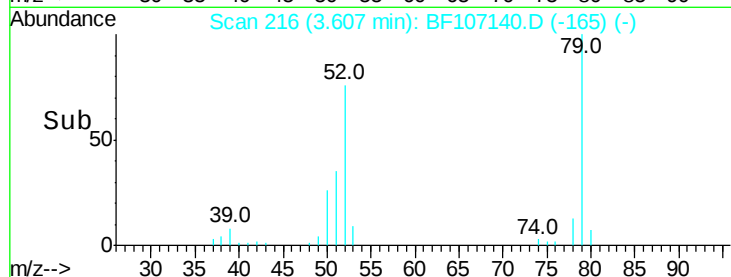
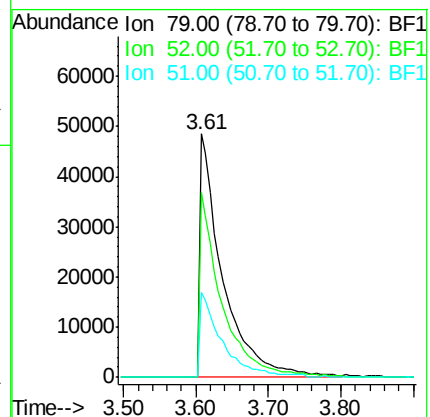
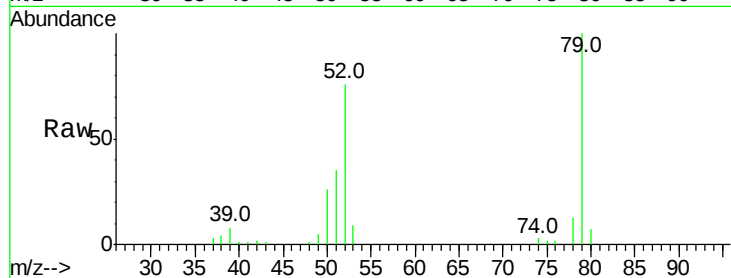
Tot Ion: 79 Resp: 106414

Ion Ratio Lower Upper

79 100

52 75.9 59.8 89.6

51 34.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 23.965 ng

RT: 3.57 min Scan# 209

Delta R.T. -0.02 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

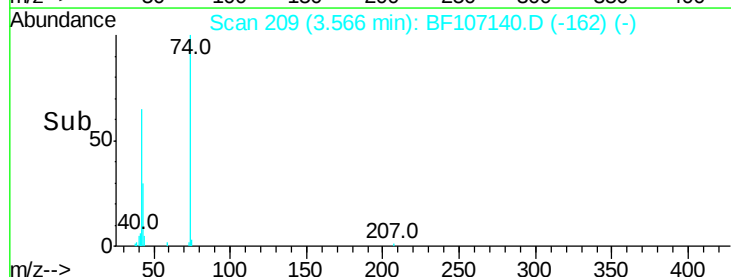
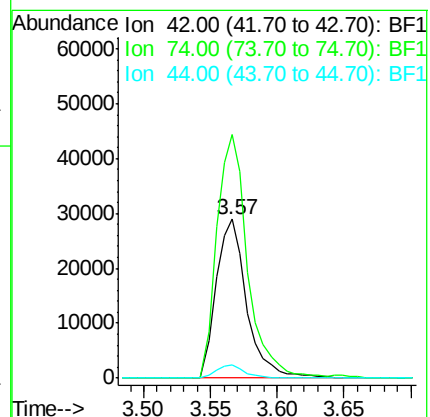
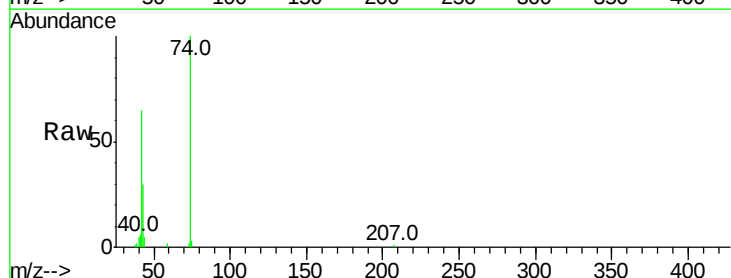
Tgt Ion: 42 Resp: 46431

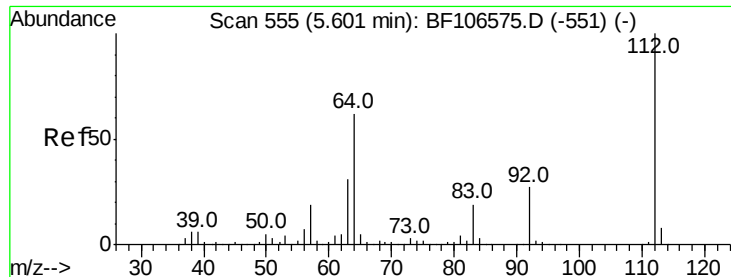
Ion Ratio Lower Upper

42 100

74 153.5 104.9 157.3

44 8.0 6.9 10.3





#5

2-Fluorophenol

Concen: 90.772 ng

RT: 5.60 min Scan# 554

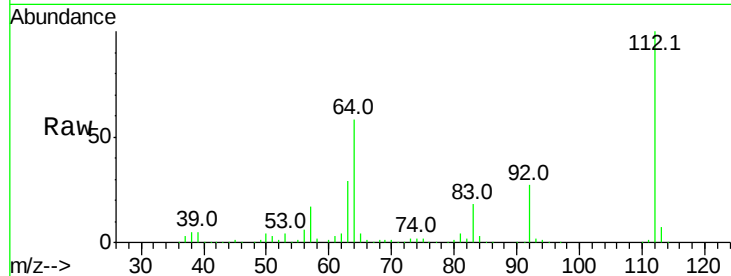
Delta R.T. -0.01 min

Lab File: BF107140.D

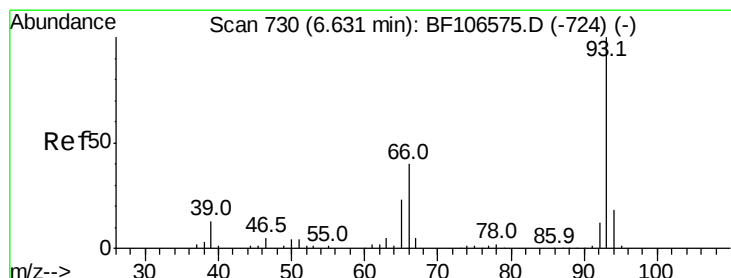
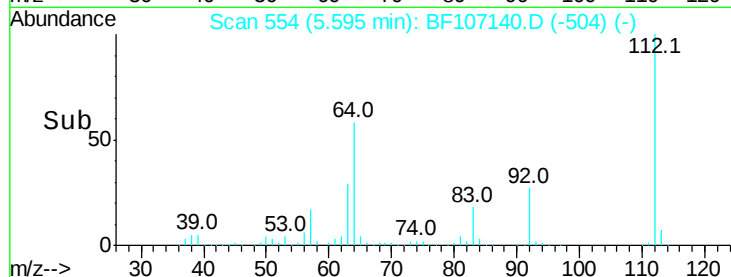
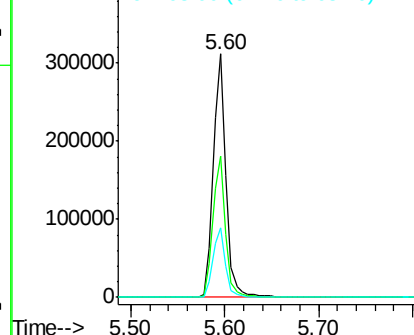
Acq: 5 Jul 2018 21:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	296973
Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.9	71.9
63	28.6	23.7	35.5



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



#6

Aniline

Concen: 24.067 ng

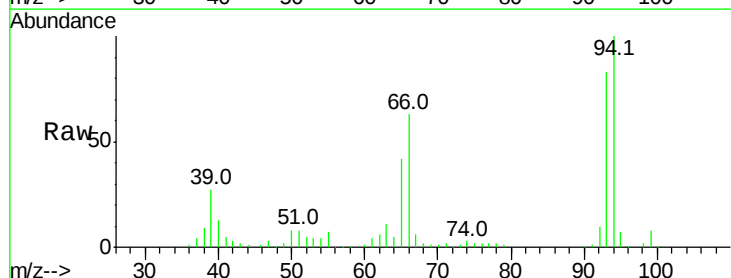
RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

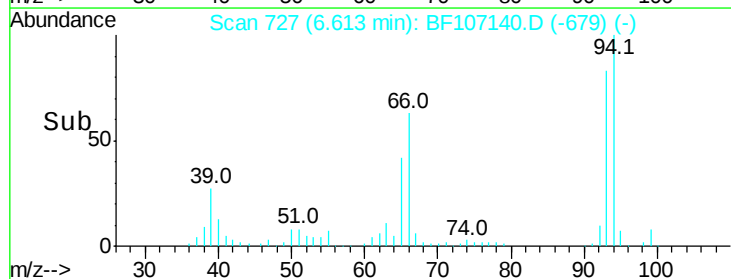
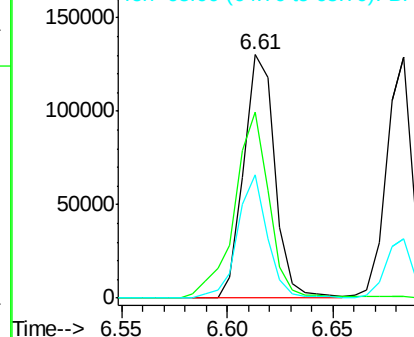
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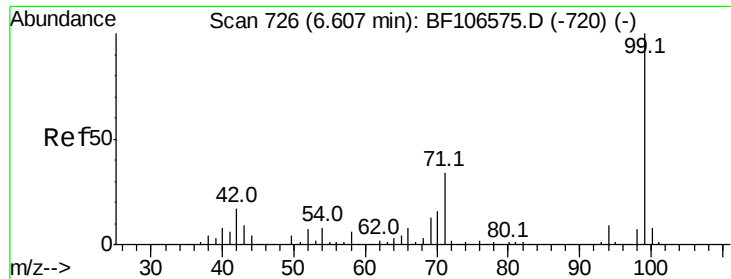
Acq: 5 Jul 2018 21:20

Tgt Ion:	93	Resp:	133379
Ion	Ratio	Lower	Upper
93	100		
66	76.3	32.2	48.2#
65	50.9	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: 89.171 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

Instrument :

BNA_F

ClientSampled :

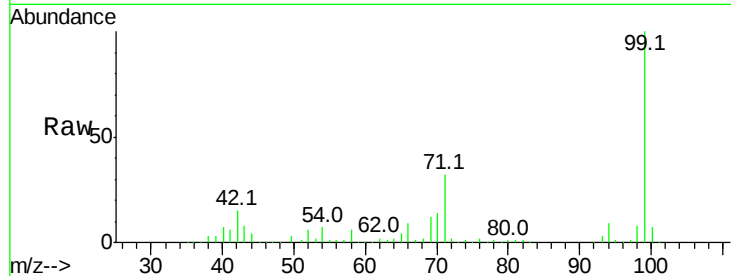
Tot Ion: 99 Resp: 364320

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

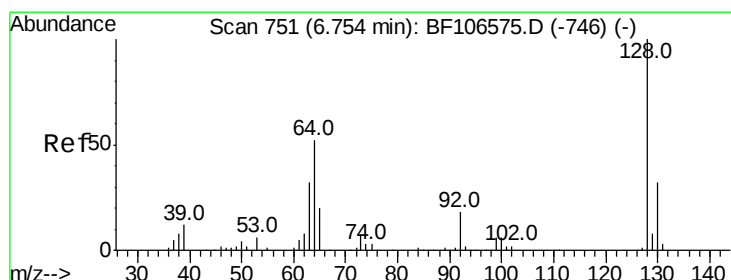
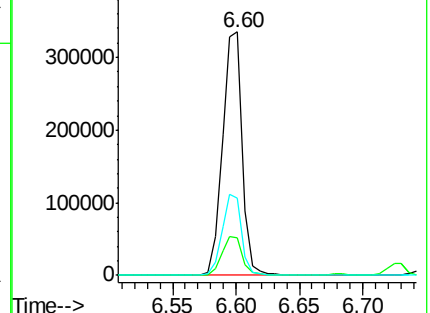
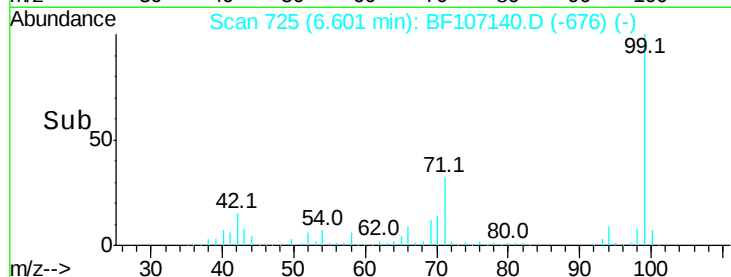
71 31.8 25.4 38.0



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: 30.698 ng

RT: 6.74 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

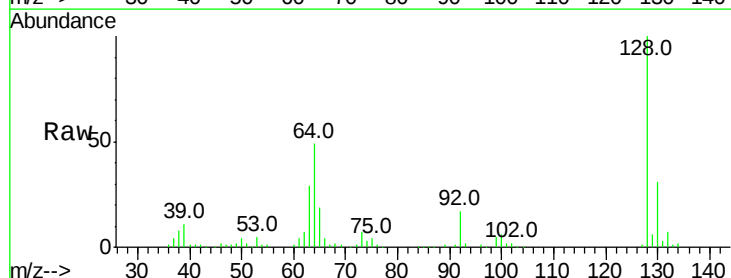
Tgt Ion: 128 Resp: 110155

Ion Ratio Lower Upper

128 100

130 31.1 13.0 53.0

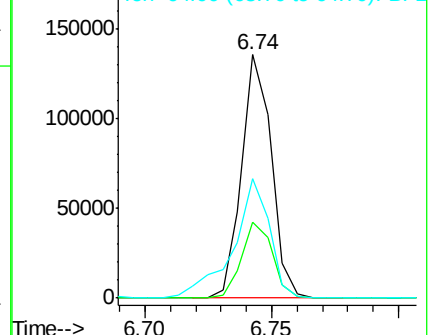
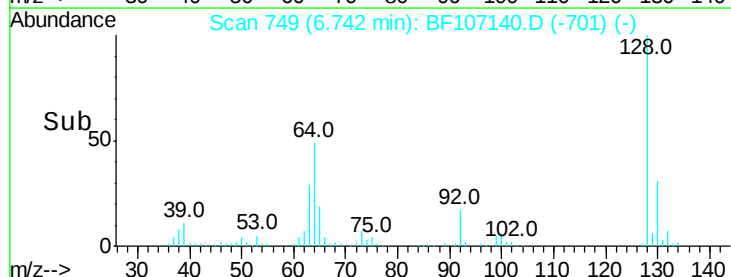
64 49.2 29.4 69.4

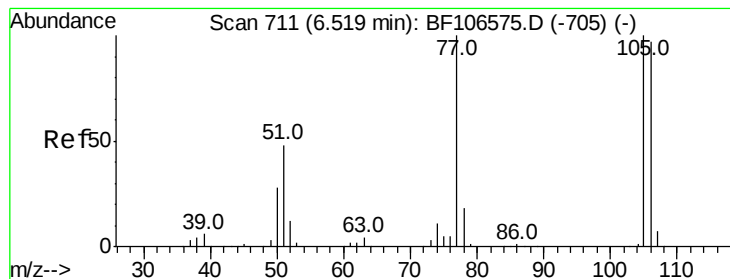


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 16.561 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

Instrument :

BNA_F

ClientSampleId :

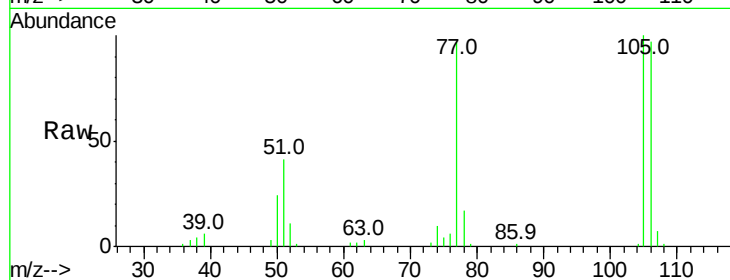
Tot Ion: 77 Resp: 53922

Ion Ratio Lower Upper

77 100

105 103.6 81.1 121.1

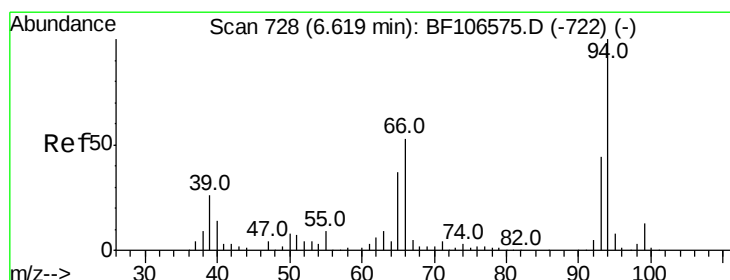
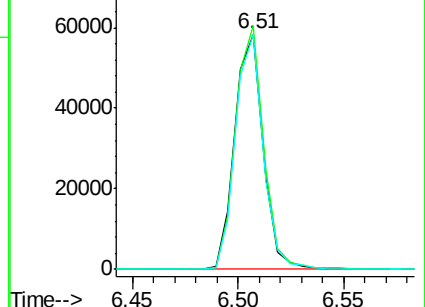
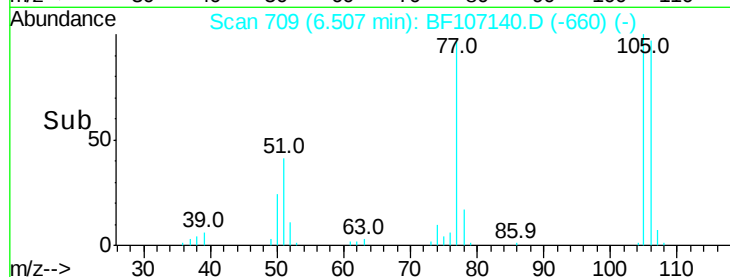
106 100.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 29.988 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

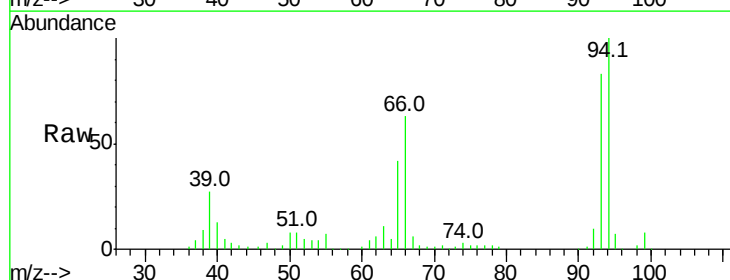
Tgt Ion: 94 Resp: 139825

Ion Ratio Lower Upper

94 100

65 42.0 7.9 47.9

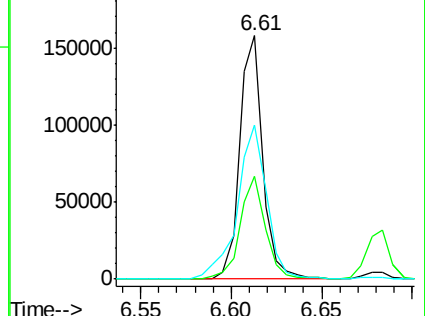
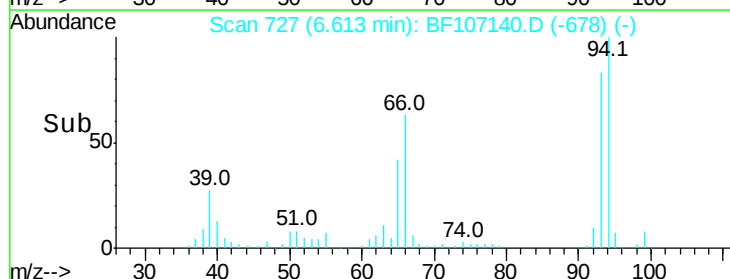
66 63.0 16.2 56.2#

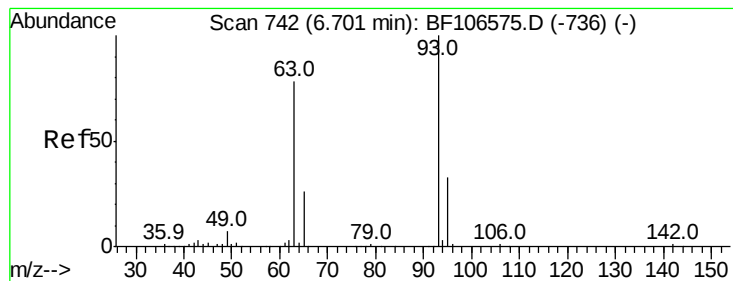


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 28.414 ng

RT: 6.68 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

Instrument :

BNA_F

ClientSampleId :

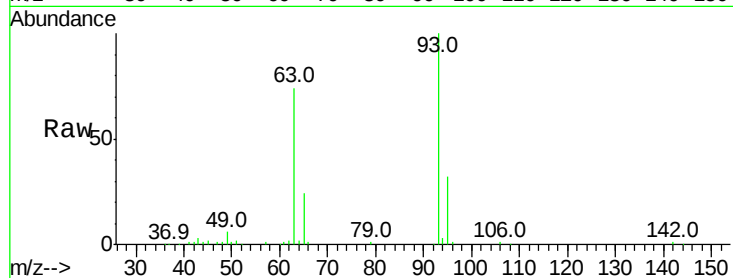
Tot Ion: 93 Resp: 109373

Ion Ratio Lower Upper

93 100

63 74.0 58.6 98.6

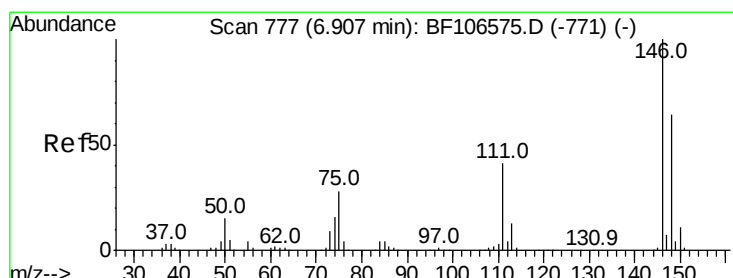
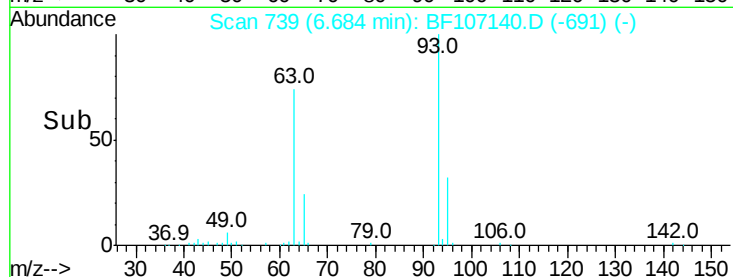
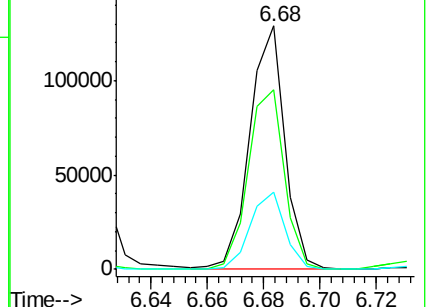
95 31.6 11.8 51.8



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: 30.166 ng

RT: 6.89 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

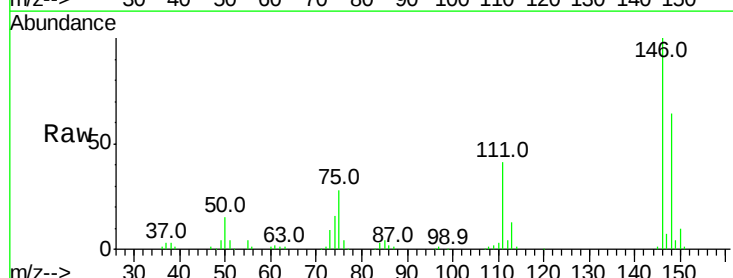
Tgt Ion: 146 Resp: 126783

Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

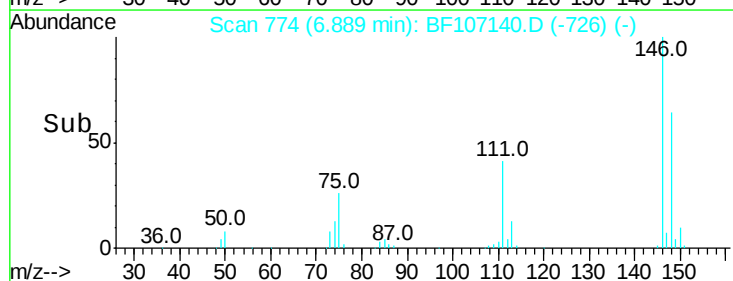
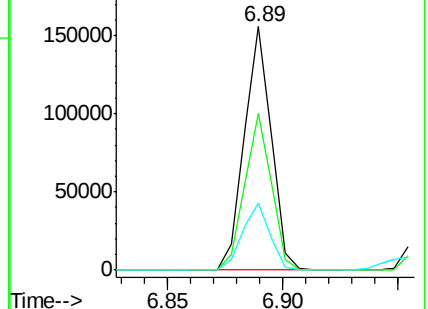
75 27.6 24.2 36.4

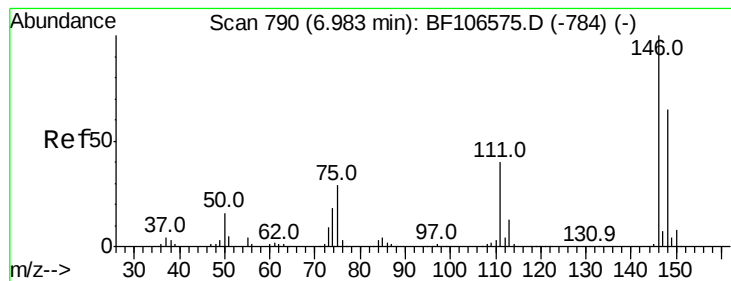


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 30.108 ng

RT: 6.97 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

Instrument :

BNA_F

ClientSampleId :

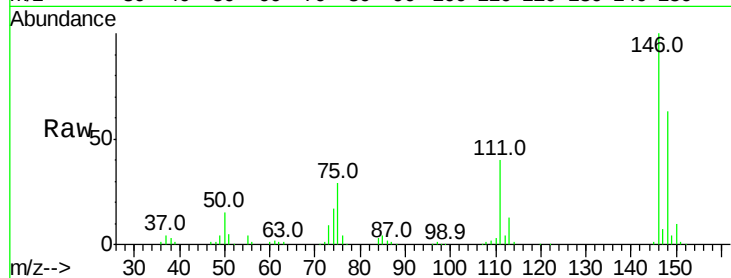
Tot Ion:146 Resp: 127930

Ion Ratio Lower Upper

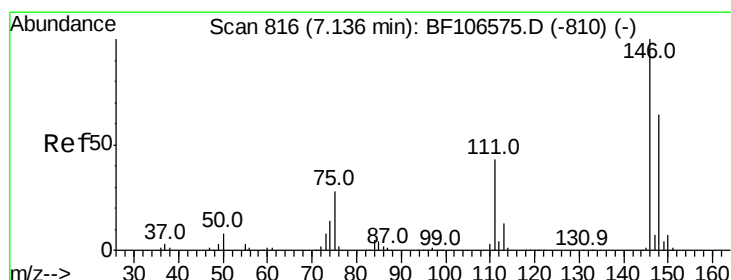
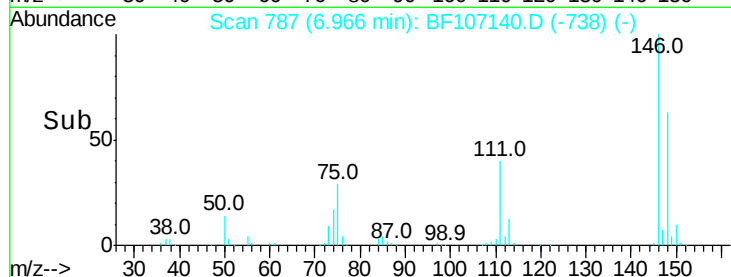
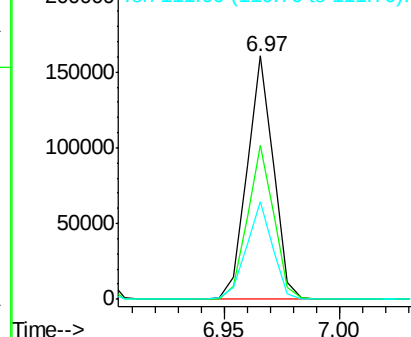
146 100

148 63.5 50.8 76.2

111 40.2 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: 30.771 ng

RT: 7.12 min Scan# 813

Delta R.T. -0.02 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

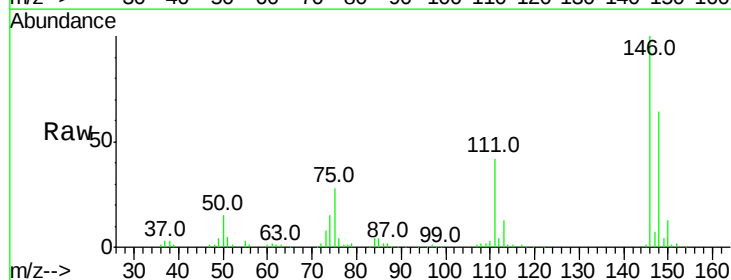
Tgt Ion:146 Resp: 119823

Ion Ratio Lower Upper

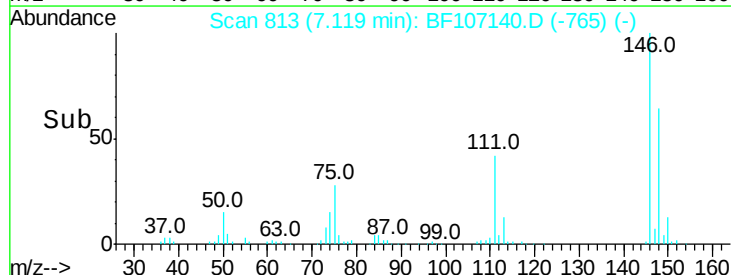
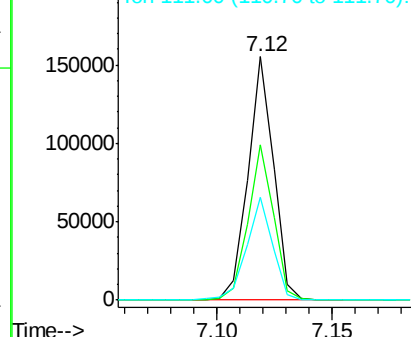
146 100

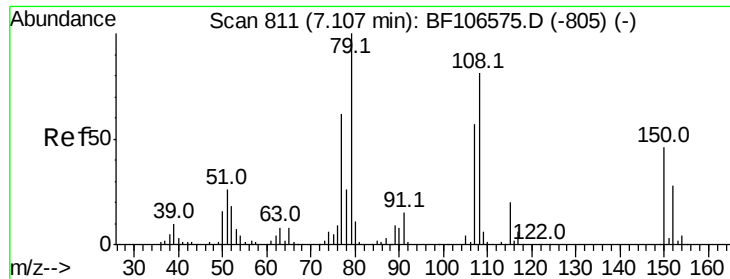
148 64.0 50.6 75.8

111 42.4 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

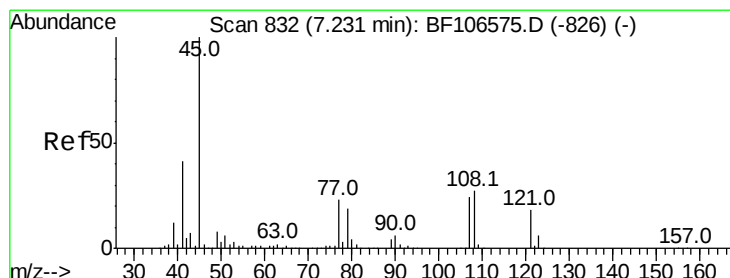
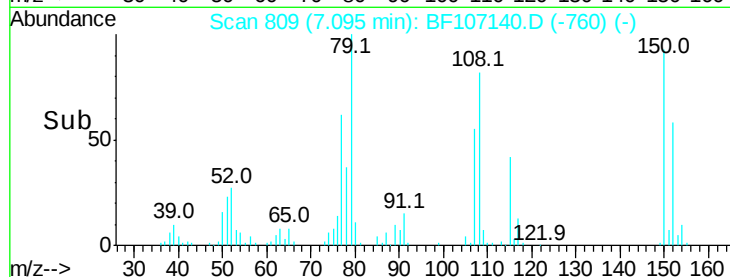
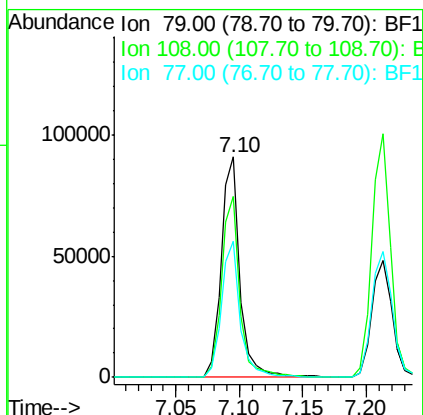
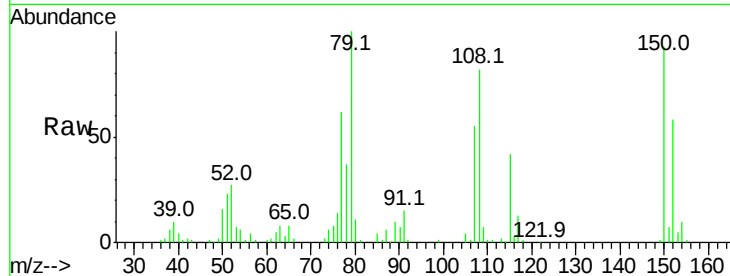




#15
Benzyl Alcohol
Concen: 28.560 ng
RT: 7.10 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

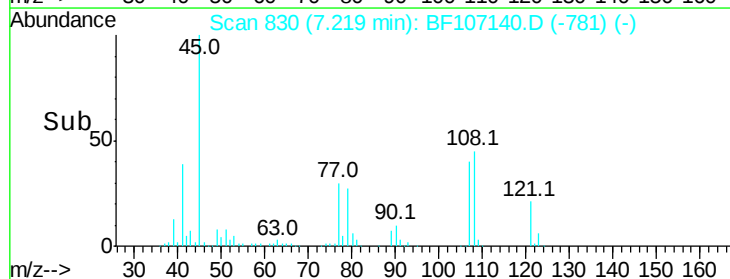
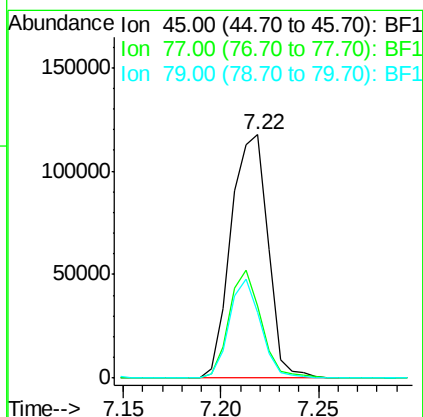
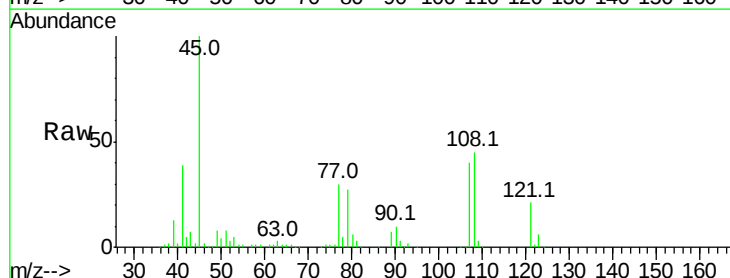
Instrument :
BNA_F
ClientSampled :

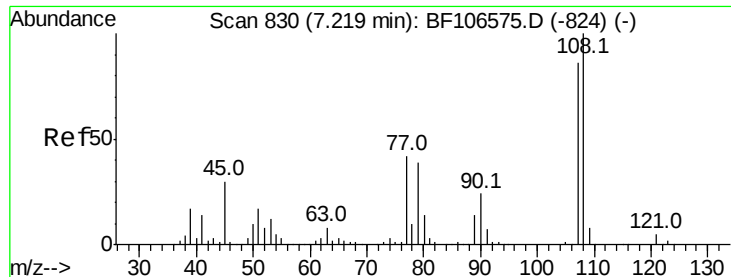
Tot Ion: 79 Resp: 93695
Ion Ratio Lower Upper
79 100
108 81.9 65.1 97.7
77 61.7 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.519 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Tgt Ion: 45 Resp: 154132
Ion Ratio Lower Upper
45 100
77 29.5 0.0 32.9
79 26.8 0.0 29.6

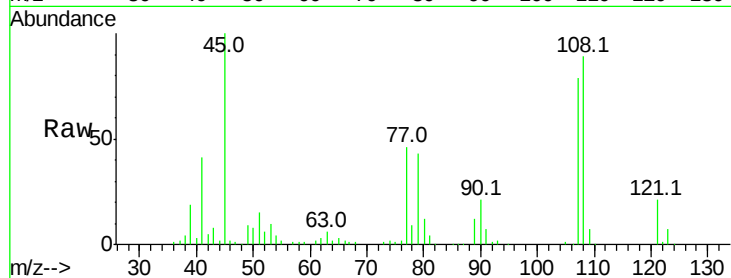




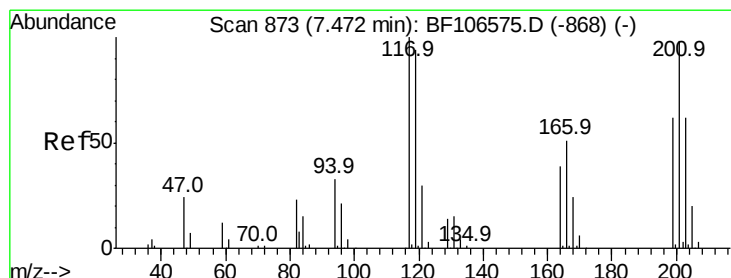
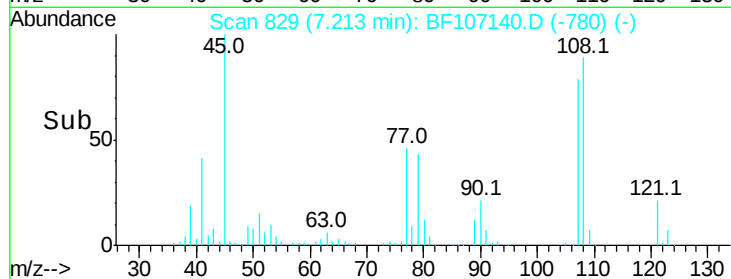
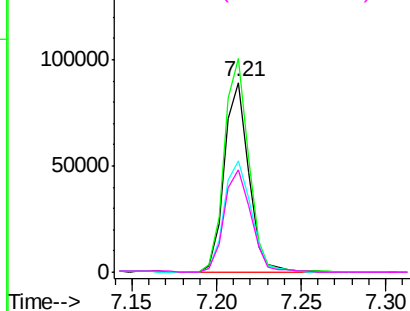
#17
2-Methylphenol
Concen: 29.365 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 90174
Ion Ratio Lower Upper
107 100
108 112.4 91.7 137.5
77 58.4 33.8 50.8#
79 53.8 33.8 50.8#

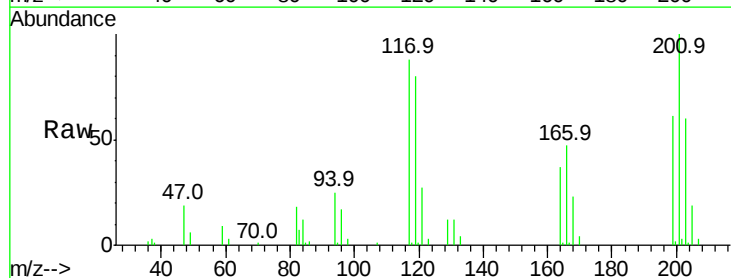


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

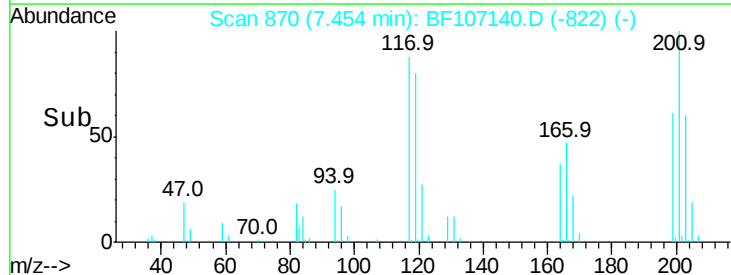
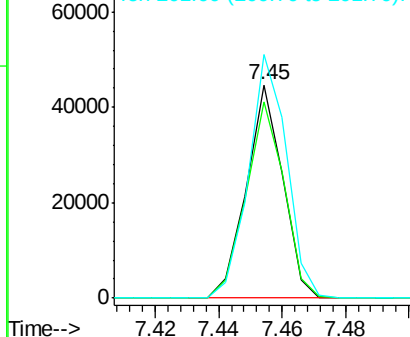


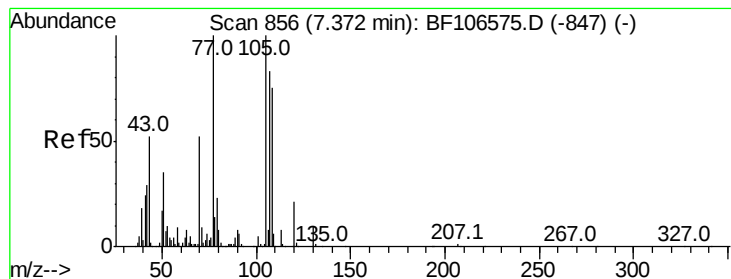
#18
Hexachloroethane
Concen: 23.765 ng
RT: 7.45 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Tgt Ion:117 Resp: 35510
Ion Ratio Lower Upper
117 100
119 91.9 75.8 113.8
201 114.2 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: 28.630 ng

RT: 7.35 min Scan# 853

Delta R.T. -0.03 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 77104

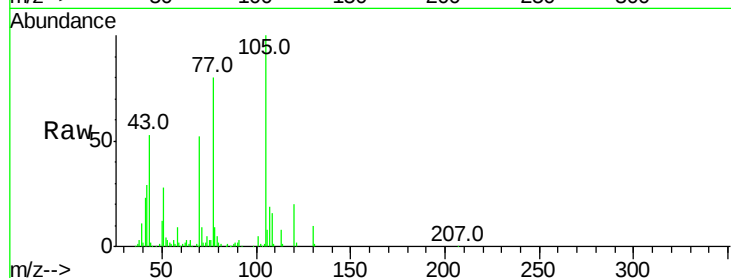
Ion	Ratio	Lower	Upper
70	100		
42	55.4	47.5	71.3
101	9.3	7.4	11.2
130	19.3	16.6	25.0

70 100

42 55.4 47.5 71.3

101 9.3 7.4 11.2

130 19.3 16.6 25.0



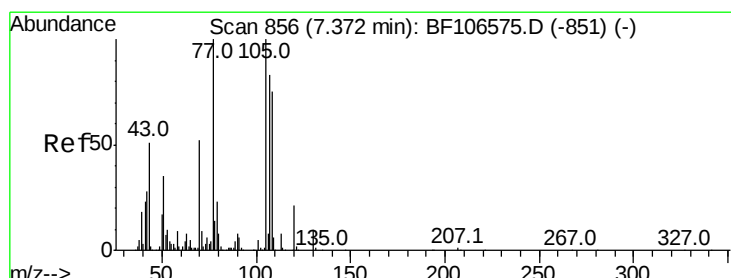
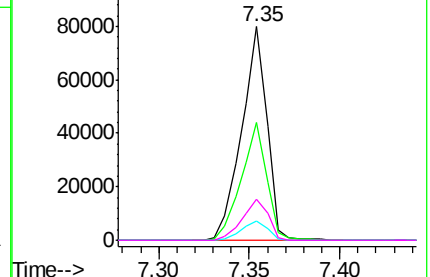
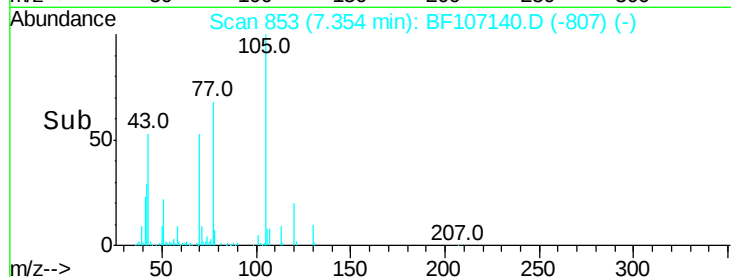
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Time-->



#20

3+4-Methylphenols

Concen: 33.621 ng

RT: 7.37 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

Tgt Ion: 107 Resp: 119578

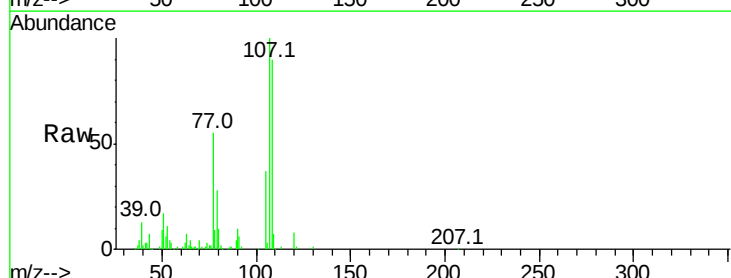
Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.2	108.2
77	54.6	26.7	66.7
79	27.7	6.3	46.3

107 100

108 90.5 68.2 108.2

77 54.6 26.7 66.7

79 27.7 6.3 46.3



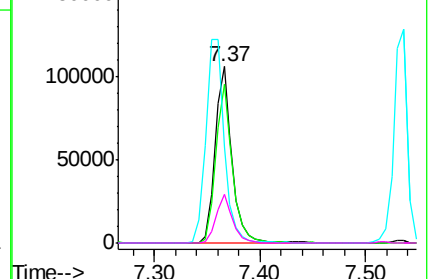
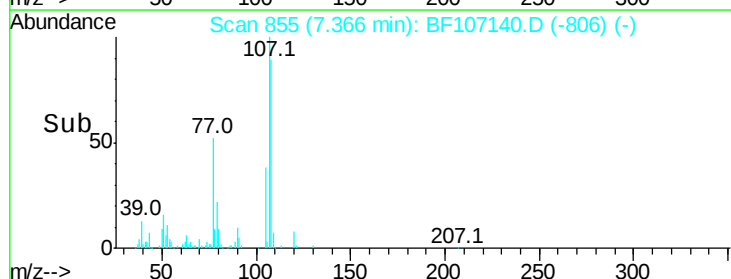
Abundance Ion 107.00 (106.70 to 107.70): BF1

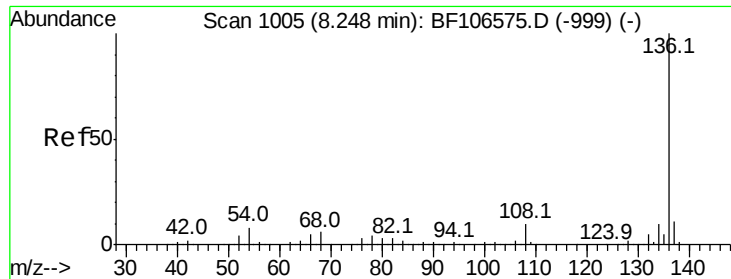
Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->

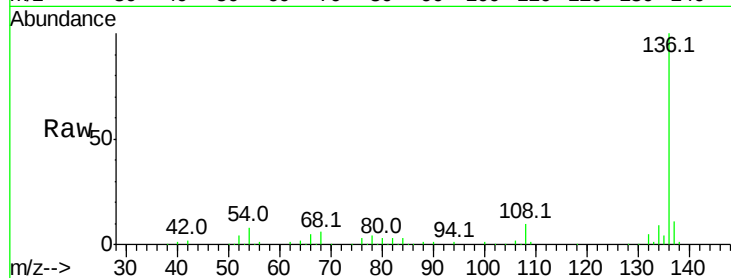




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	201639
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.3	6.6	9.8
68	6.0	5.0	7.4

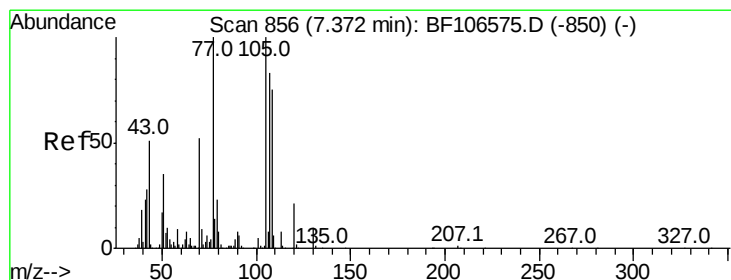
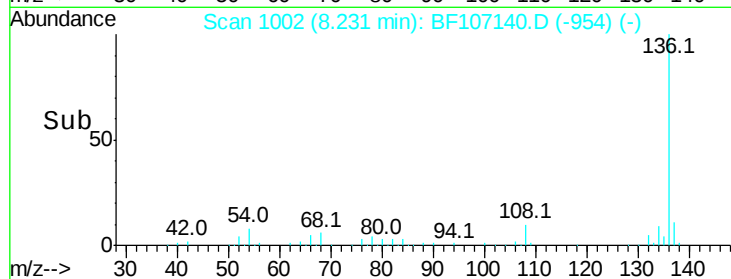
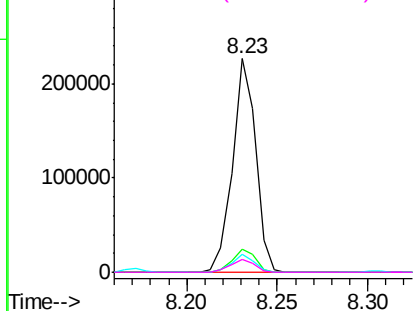


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

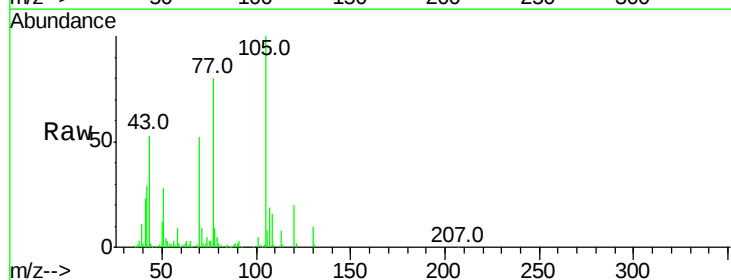
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 33.901 ng
RT: 7.35 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Tgt Ion:	105	Resp:	152935
Ion	Ratio	Lower	Upper
105	100		
71	8.7	4.4	6.6#
51	27.6	22.3	33.5
120	20.2	16.9	25.3

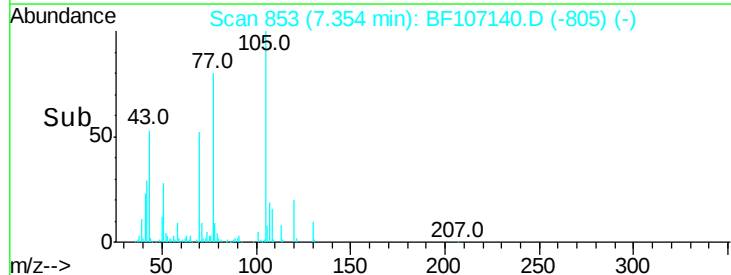
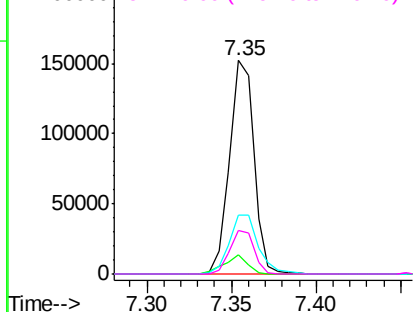


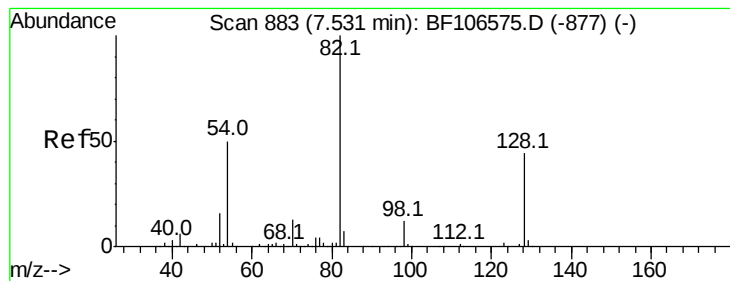
Abundance Ion 105.00 (104.70 to 105.70): E

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: 63.199 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

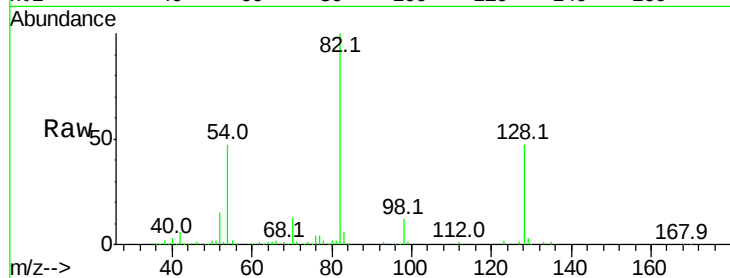
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 229307

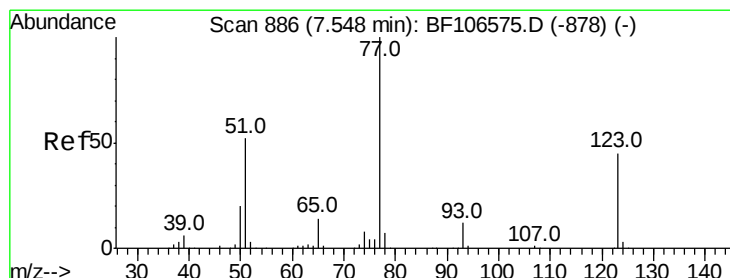
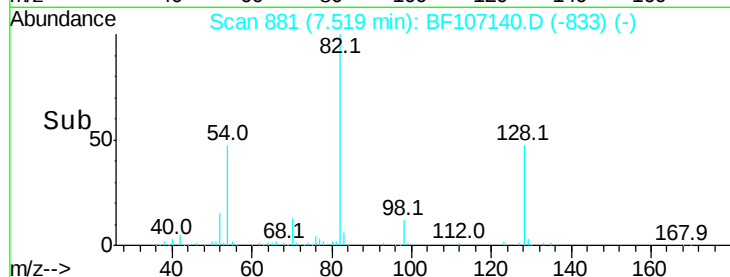
Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.1	54.1
54	47.1	41.4	62.2



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: 31.106 ng

RT: 7.54 min Scan# 884

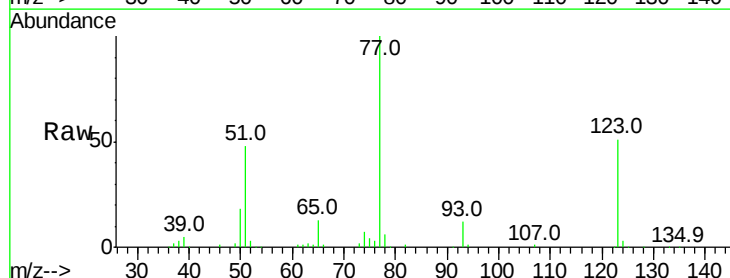
Delta R.T. -0.02 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

Tgt Ion: 77 Resp: 115227

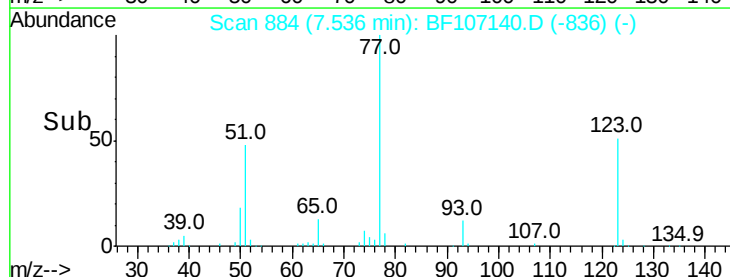
Ion	Ratio	Lower	Upper
77	100		
123	50.6	37.9	56.9
65	12.8	11.0	16.4

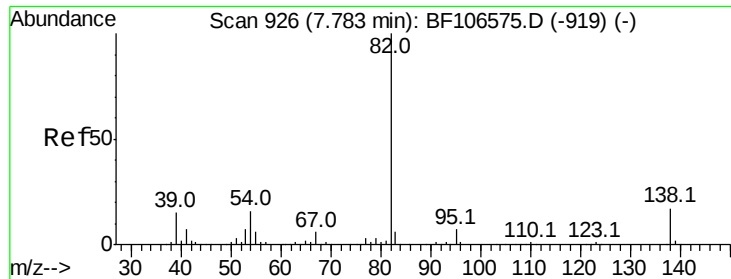


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

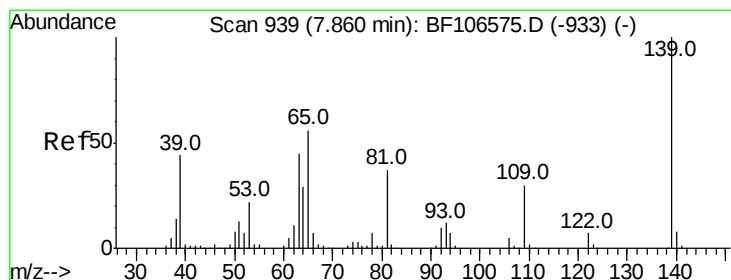
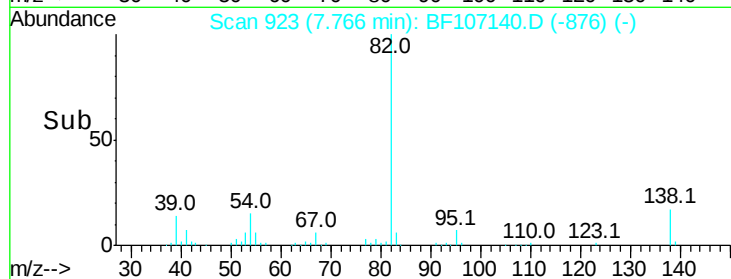
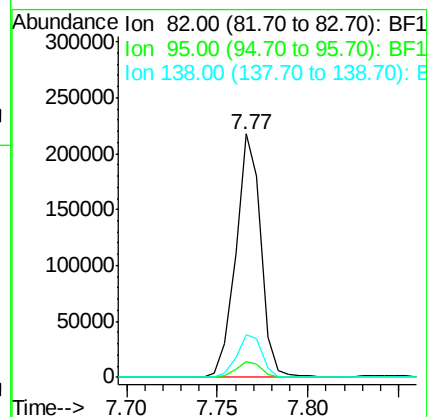
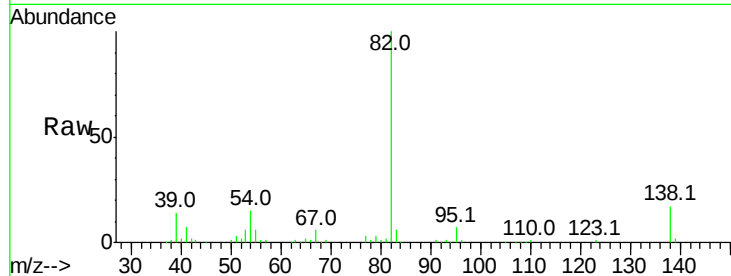




#25
Isophorone
Concen: 32.625 ng
RT: 7.77 min Scan# 923
Delta R.T. -0.02 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

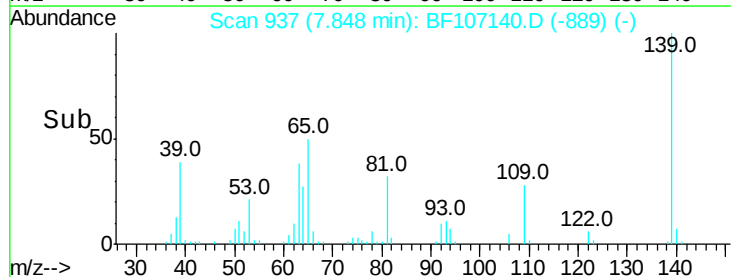
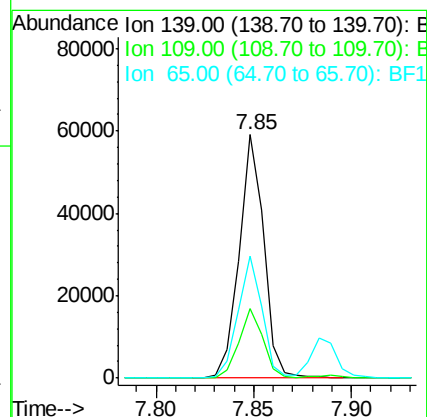
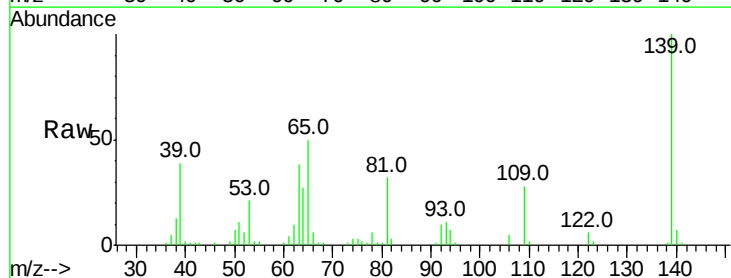
Instrument :
BNA_F
ClientSampleId :

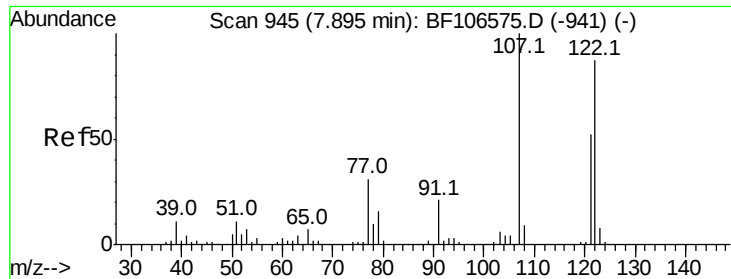
Tot Ion: 82 Resp: 208592
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 17.3 14.9 22.3



#26
2-Nitrophenol
Concen: 29.518 ng
RT: 7.85 min Scan# 937
Delta R.T. -0.02 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Tgt Ion:139 Resp: 51619
Ion Ratio Lower Upper
139 100
109 28.3 22.7 34.1
65 50.3 40.5 60.7

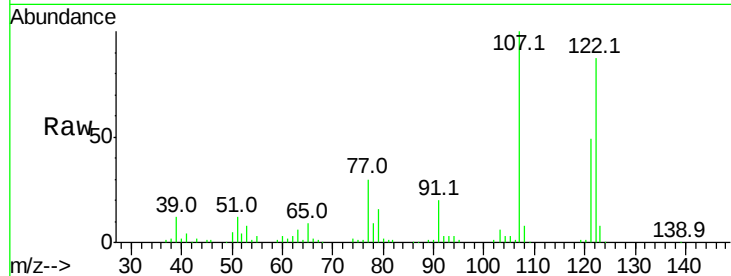




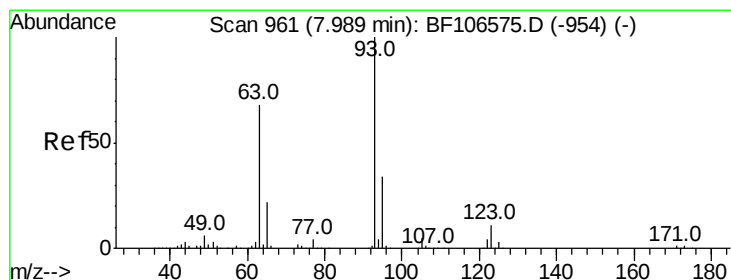
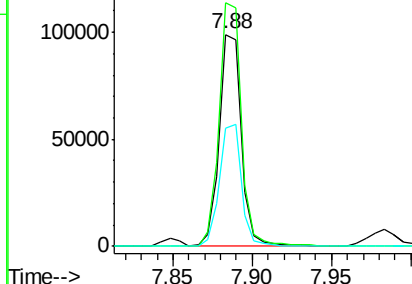
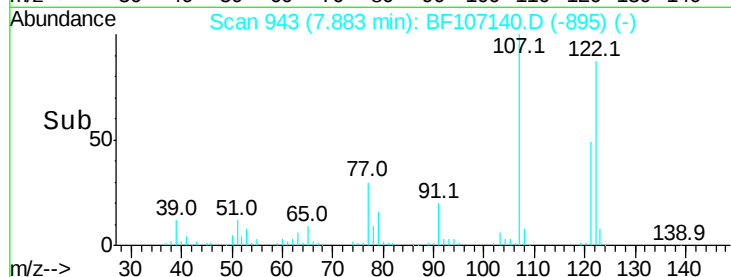
#27
 2,4-Dimethylphenol
 Concen: 35.400 ng
 RT: 7.88 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF107140.D
 Acq: 5 Jul 2018 21:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 95683
 Ion Ratio Lower Upper
 122 100
 107 114.8 91.2 136.8
 121 55.9 47.2 70.8

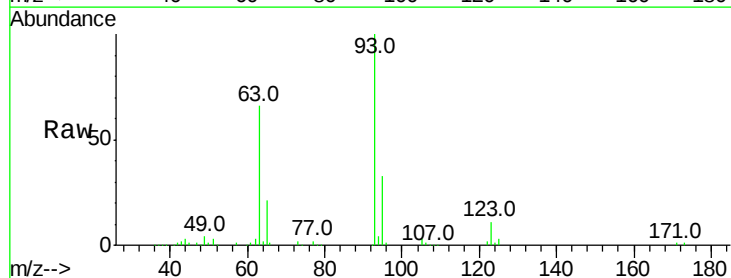


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

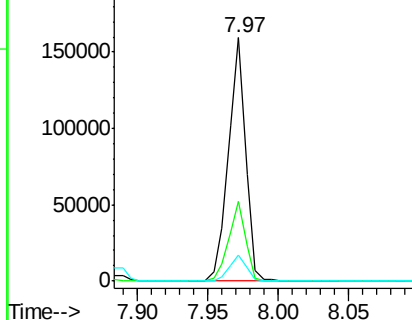
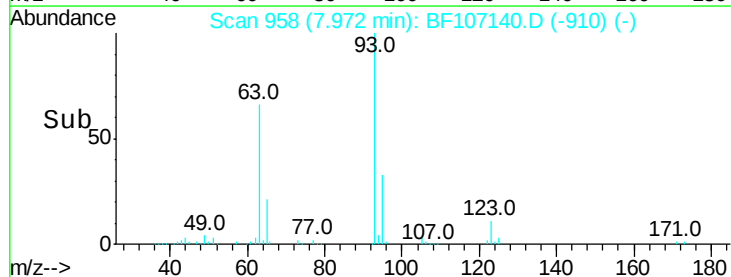


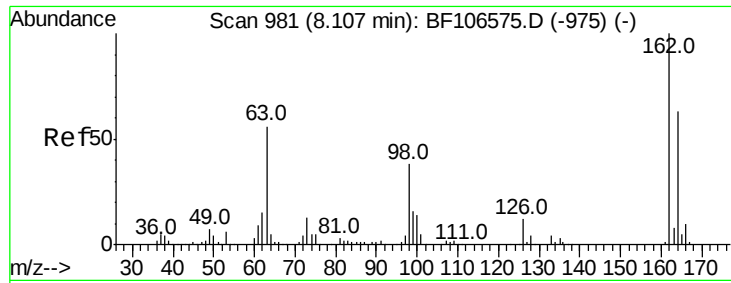
#28
 bis(2-Chloroethoxy)methane
 Concen: 31.503 ng
 RT: 7.97 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BF107140.D
 Acq: 5 Jul 2018 21:20

Tgt Ion: 93 Resp: 135239
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.3 39.5
 123 10.8 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

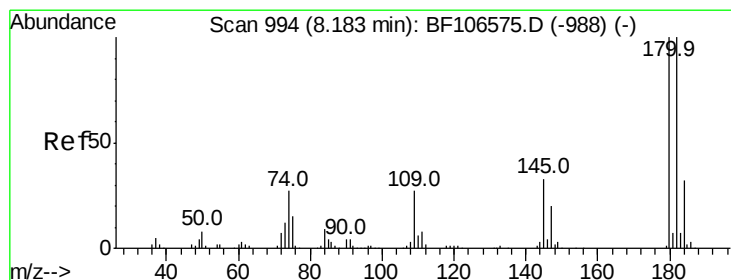
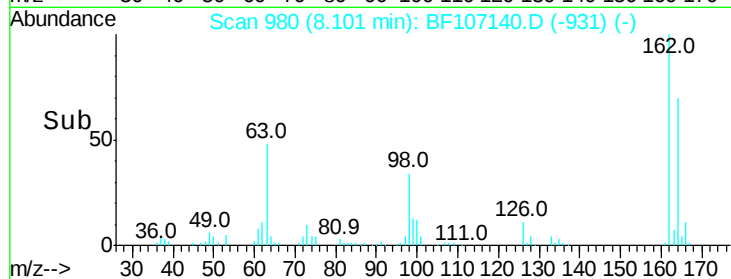
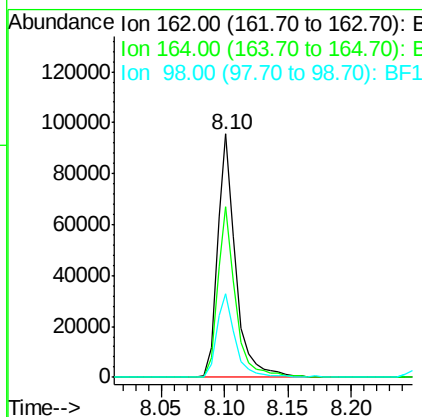
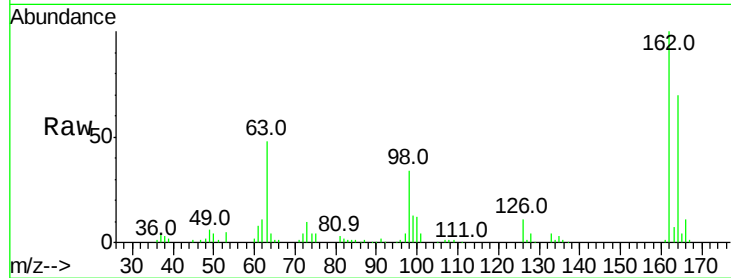




#29
 2,4-Dichlorophenol
 Concen: 33.929 ng
 RT: 8.10 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF107140.D
 Acq: 5 Jul 2018 21:20

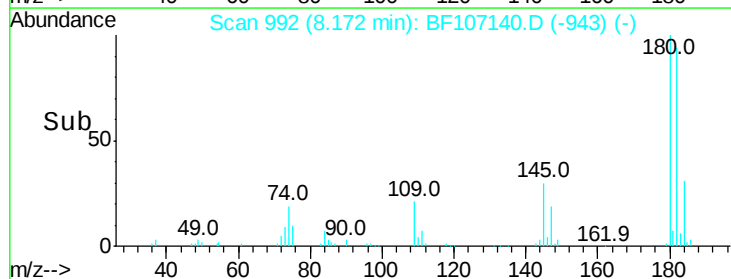
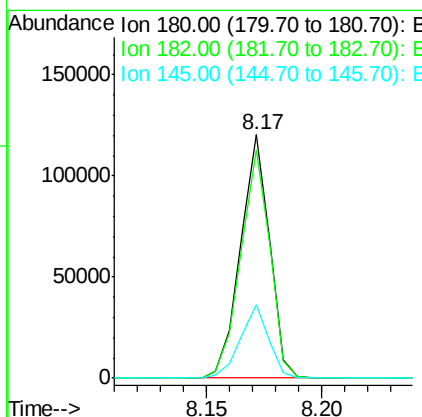
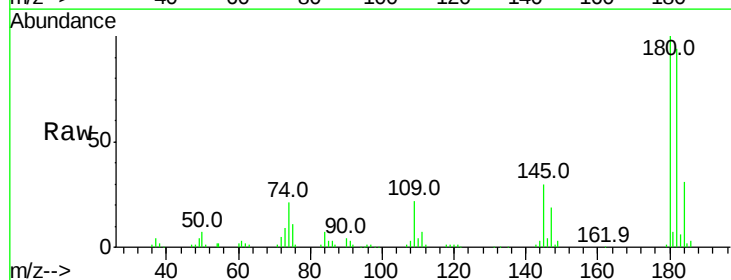
Instrument :
 BNA_F
 ClientSampleId :

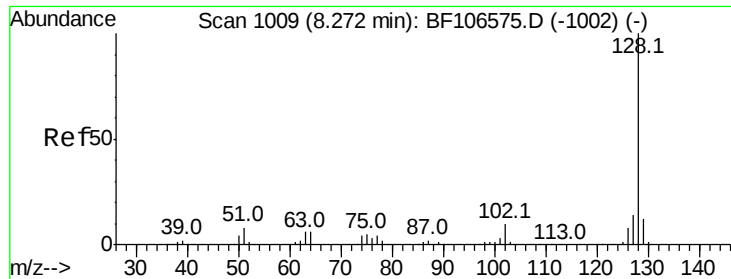
Tot Ion:162 Resp: 96012
 Ion Ratio Lower Upper
 162 100
 164 69.9 42.7 82.7
 98 34.2 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 33.956 ng
 RT: 8.17 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF107140.D
 Acq: 5 Jul 2018 21:20

Tgt Ion:180 Resp: 105853
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.8 115.2
 145 30.3 26.5 39.7

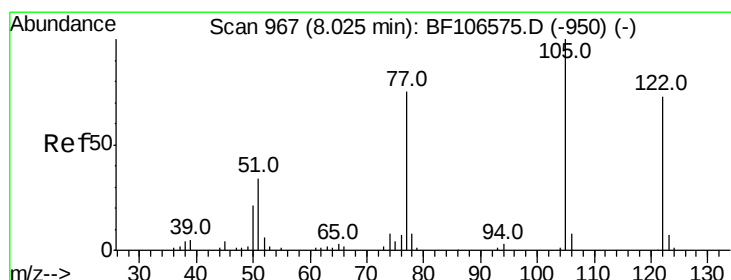
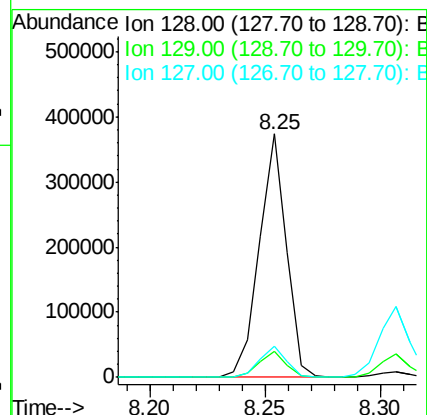
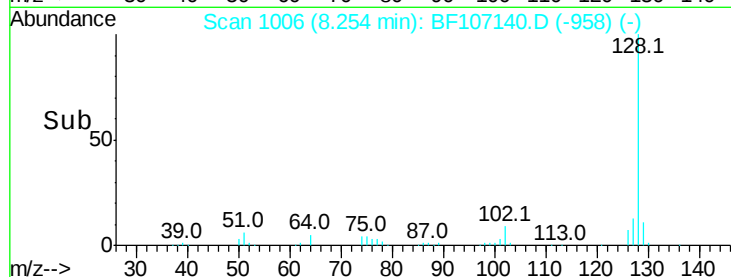
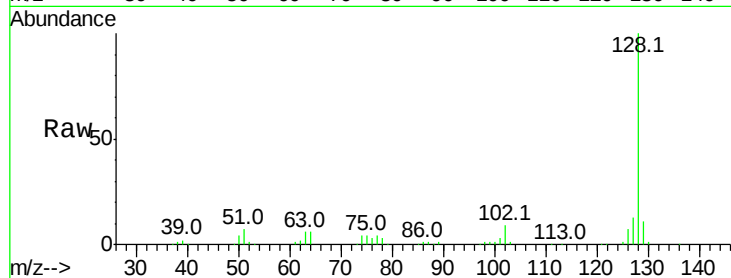




#31
Naphthalene
Concen: 32.547 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

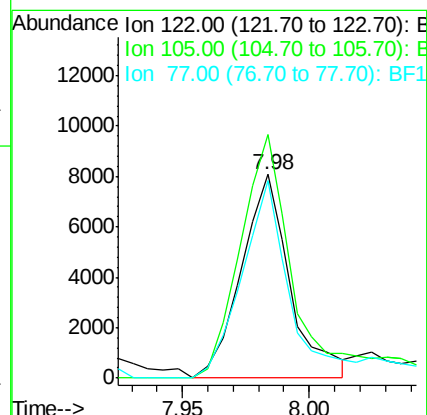
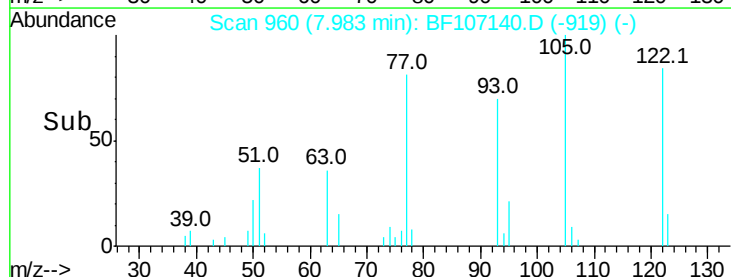
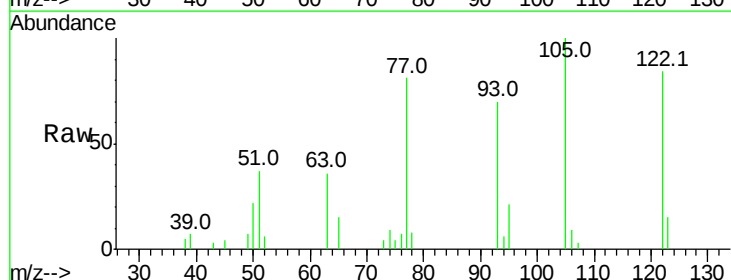
Instrument :
BNA_F
ClientSampled :

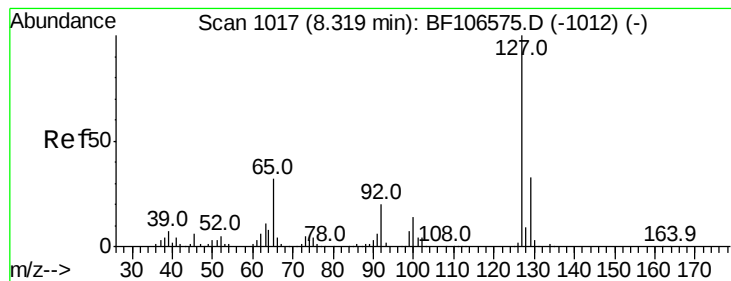
Tot Ion:128 Resp: 306825
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.0 10.9 16.3



#32
Benzoic acid
Concen: 10.560 ng
RT: 7.98 min Scan# 960
Delta R.T. -0.06 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Tgt Ion:122 Resp: 10782
Ion Ratio Lower Upper
122 100
105 119.8 101.1 141.1
77 96.9 70.7 110.7





#33

4-Chloroaniline

Concen: 26.281 ng

RT: 8.31 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 103959

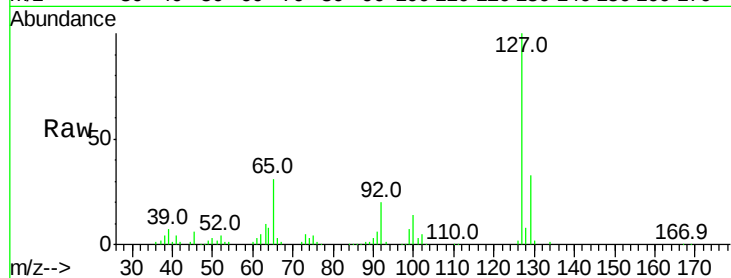
Ion Ratio Lower Upper

127 100

129 32.9 25.9 38.9

65 30.6 25.0 37.4

92 19.8 15.2 22.8

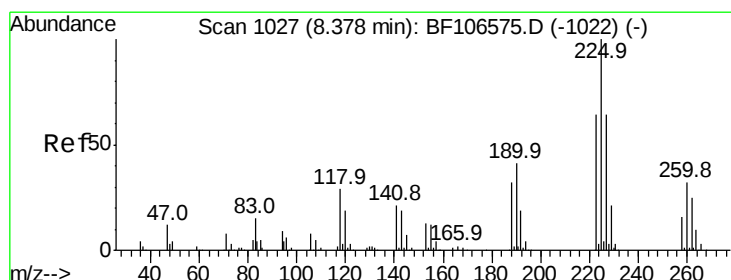
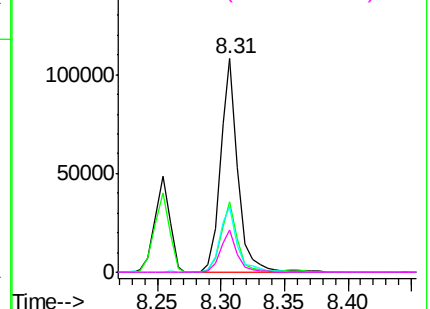
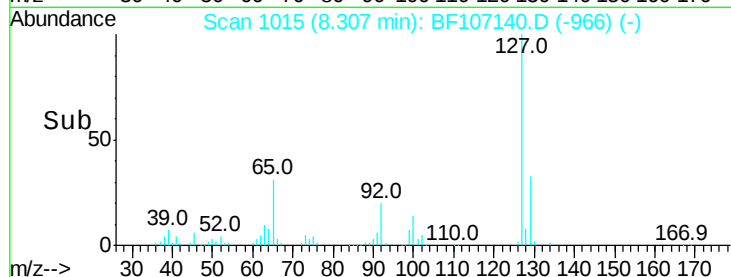


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 33.842 ng

RT: 8.36 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

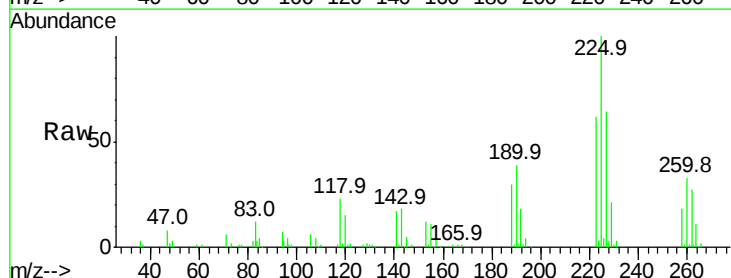
Tgt Ion:225 Resp: 68741

Ion Ratio Lower Upper

225 100

223 62.2 50.6 76.0

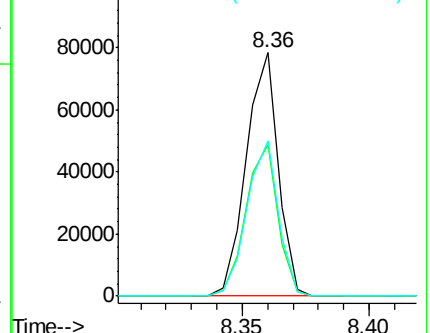
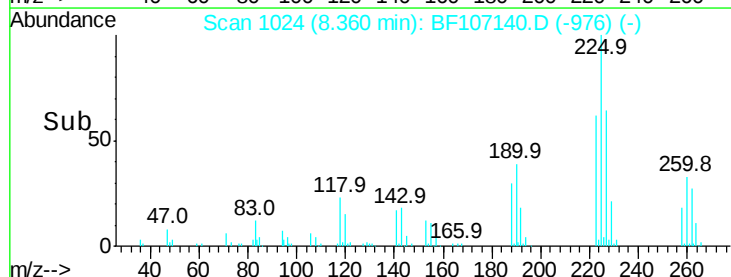
227 63.8 51.9 77.9

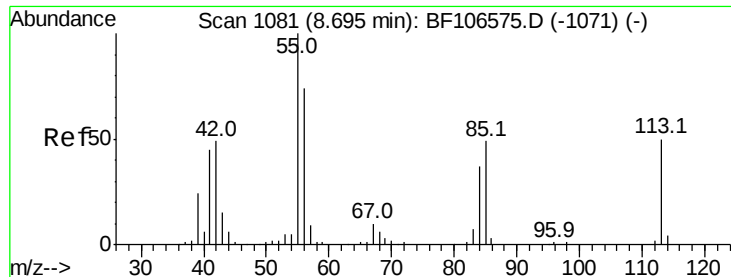


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.983 ng

RT: 8.67 min Scan# 1076

Delta R.T. -0.05 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

Instrument :

BNA_F

ClientSampled :

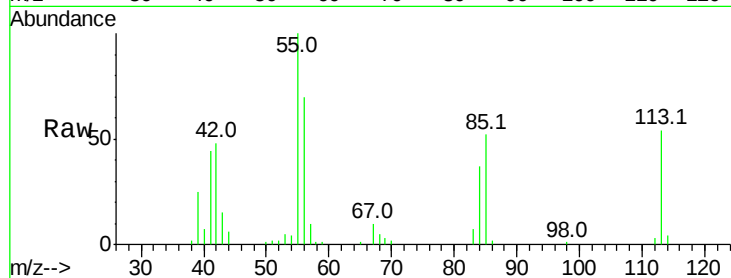
Tot Ion:113 Resp: 25812

Ion Ratio Lower Upper

113 100

55 185.9 163.3 203.3

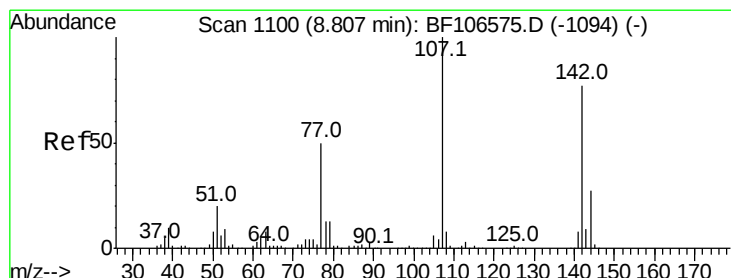
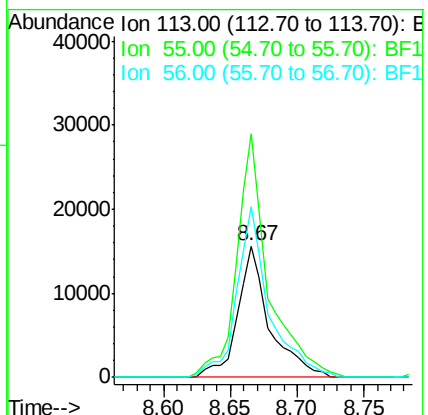
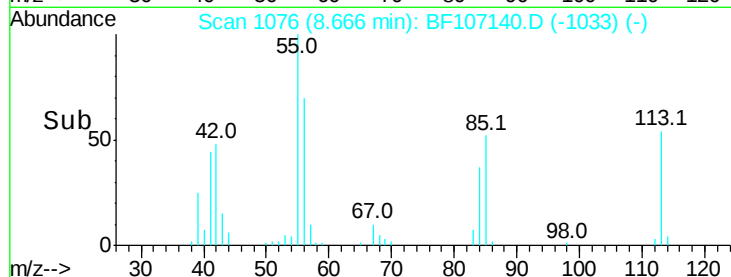
56 130.0 115.7 155.7



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: 30.954 ng

RT: 8.80 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

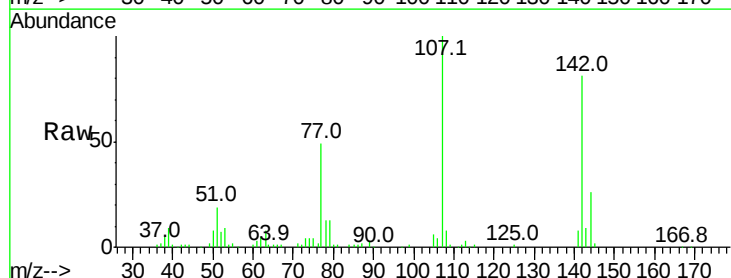
Tgt Ion:107 Resp: 92198

Ion Ratio Lower Upper

107 100

144 25.9 20.5 30.7

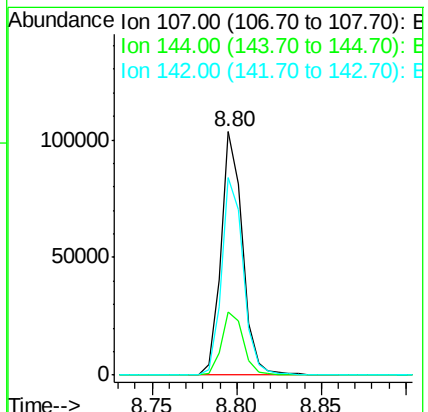
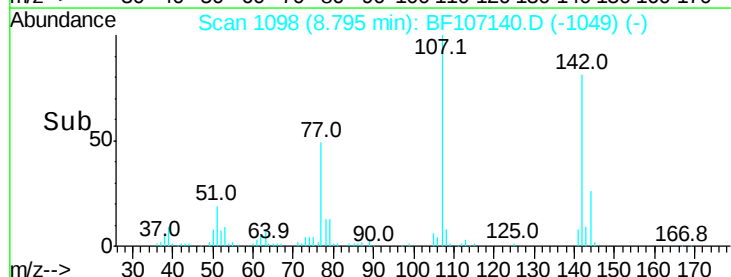
142 81.0 62.0 93.0

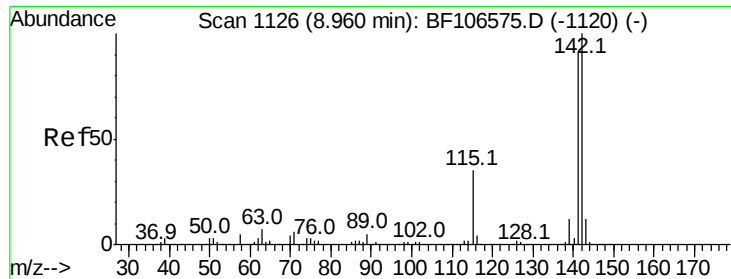


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

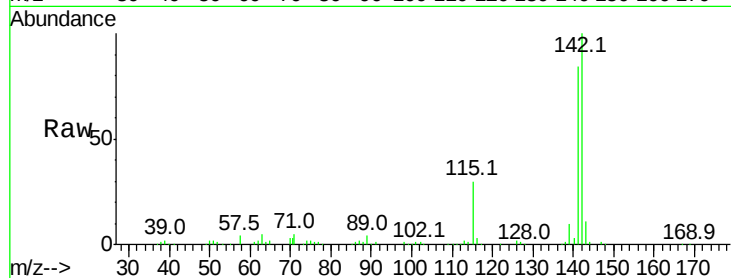




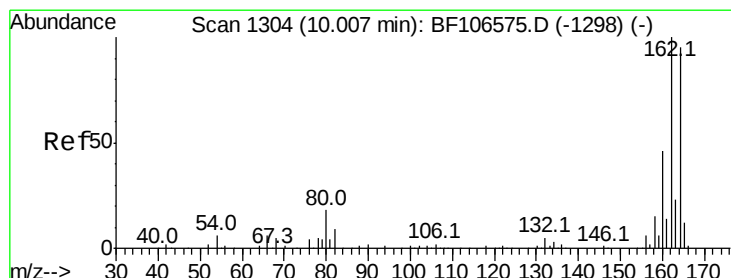
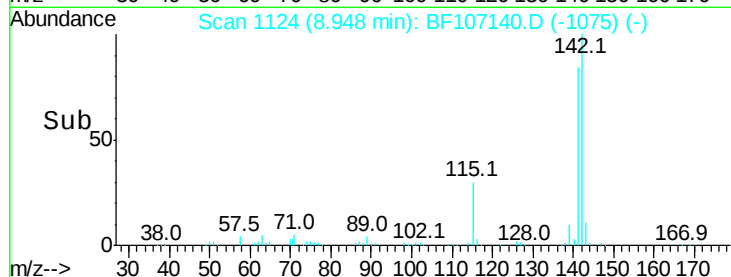
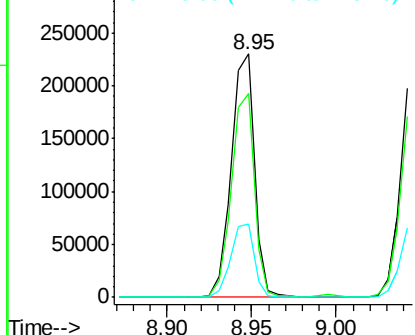
#37
2-Methylnaphthalene
Concen: 35.000 ng
RT: 8.95 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 218700
Ion Ratio Lower Upper
142 100
141 83.9 70.8 106.2
115 30.3 26.1 39.1

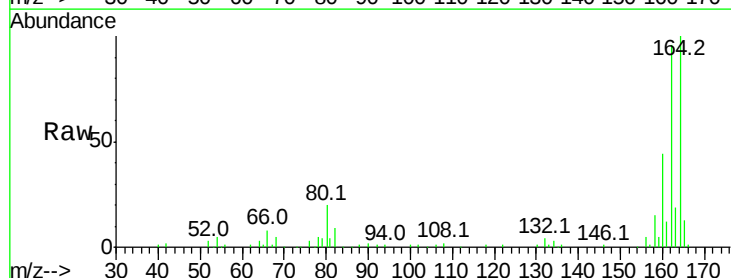


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

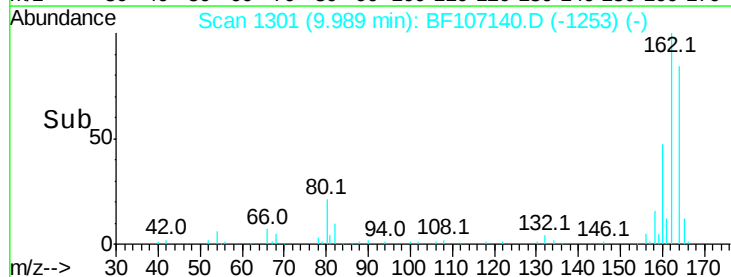
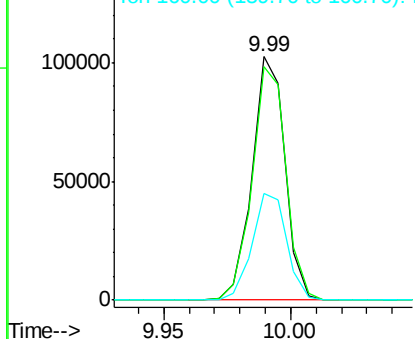


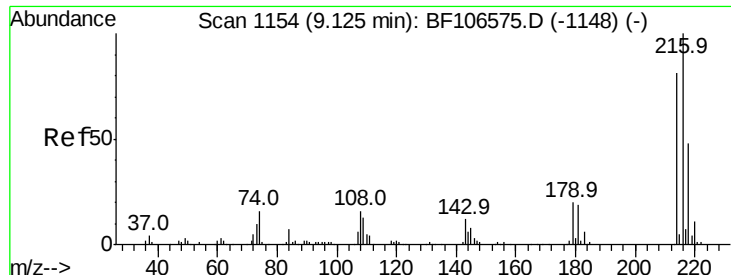
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Tgt Ion:164 Resp: 92451
Ion Ratio Lower Upper
164 100
162 95.8 86.1 129.1
160 43.9 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

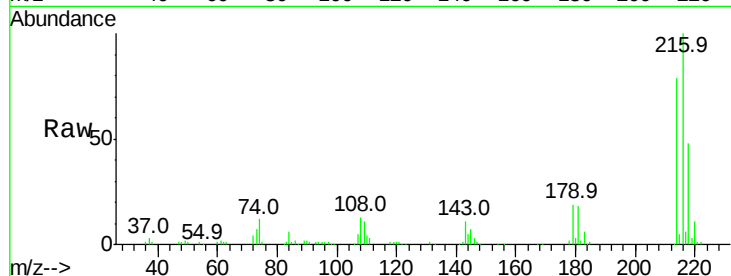




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.907 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF107140.D
 Acq: 5 Jul 2018 21:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	19.6	18.1	27.1
108	14.0	17.2	25.8

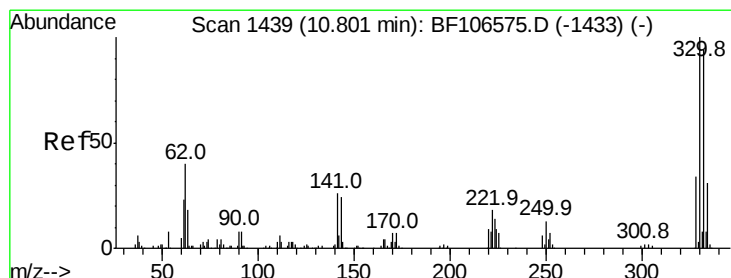
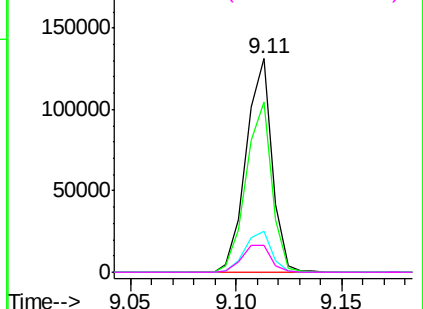
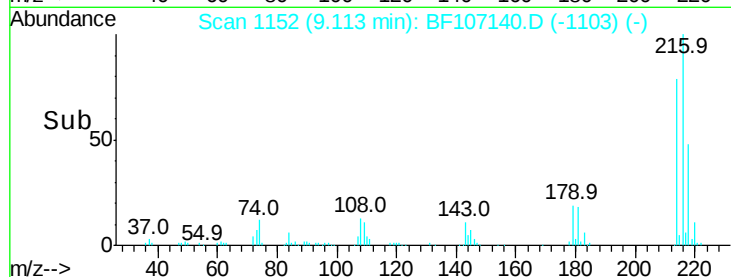


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

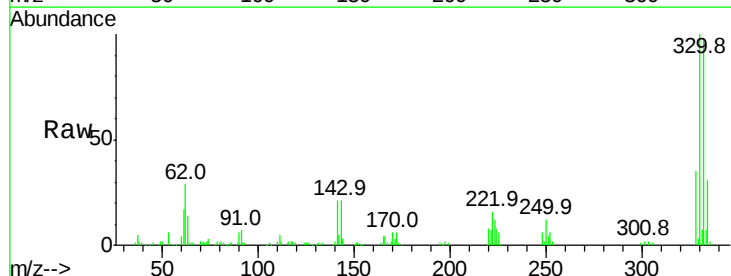
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41
 2,4,6-Tribromophenol
 Concen: 91.220 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107140.D
 Acq: 5 Jul 2018 21:20

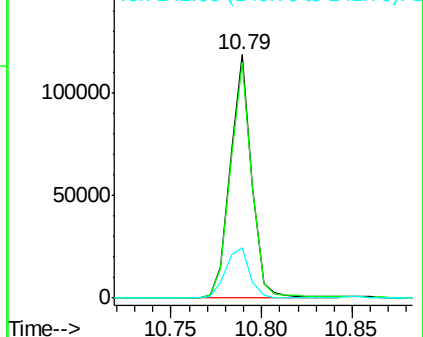
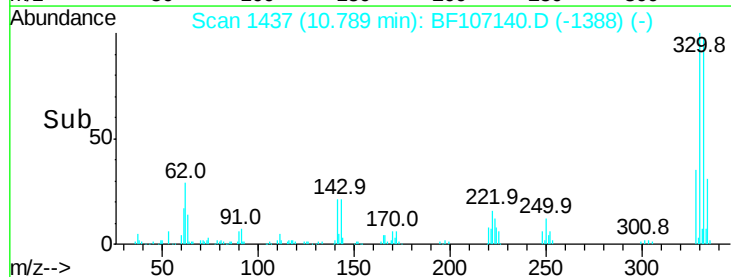
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	23.4	29.9	44.9

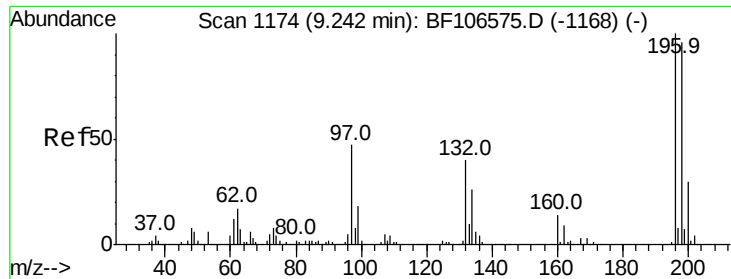


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

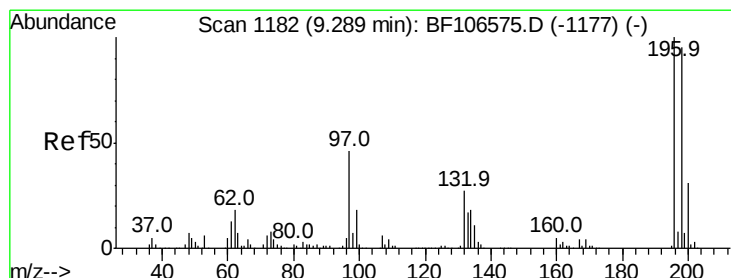
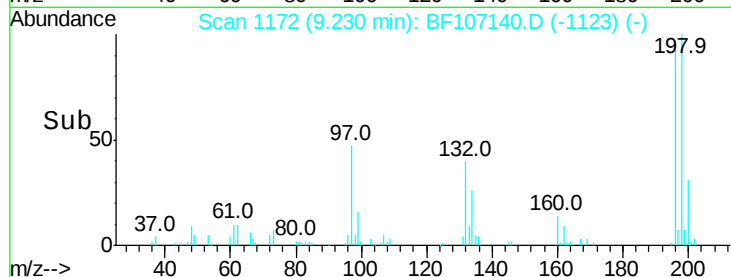
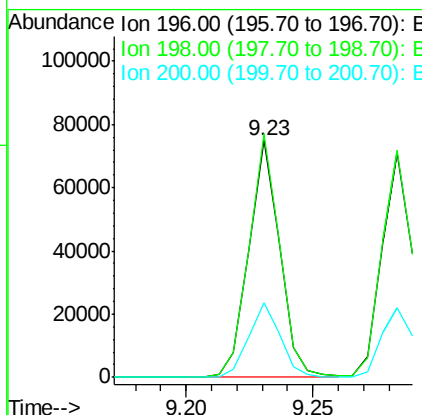
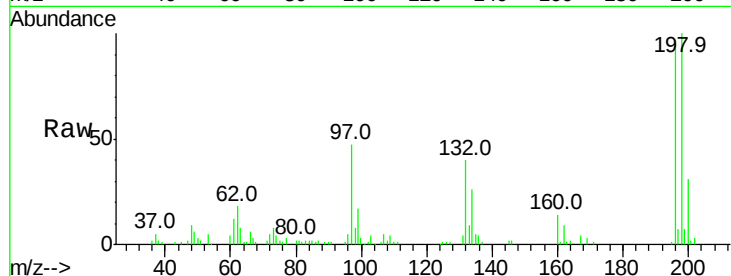




#42
 2,4,6-Trichlorophenol
 Concen: 30.969 ng
 RT: 9.23 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF107140.D
 Acq: 5 Jul 2018 21:20

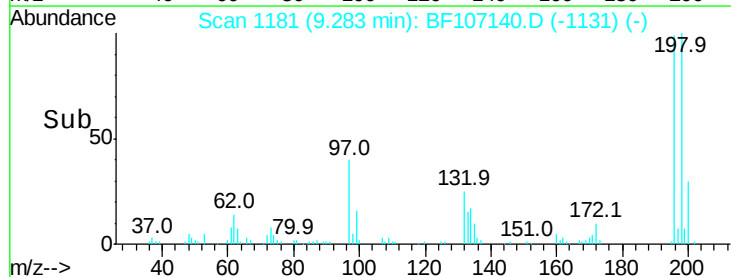
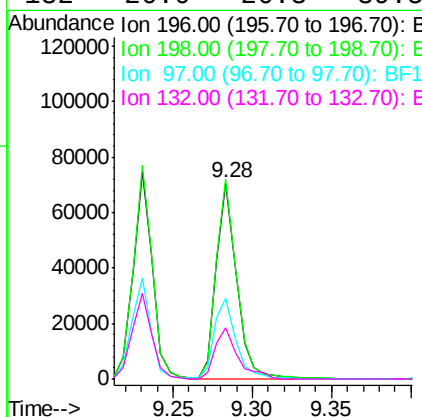
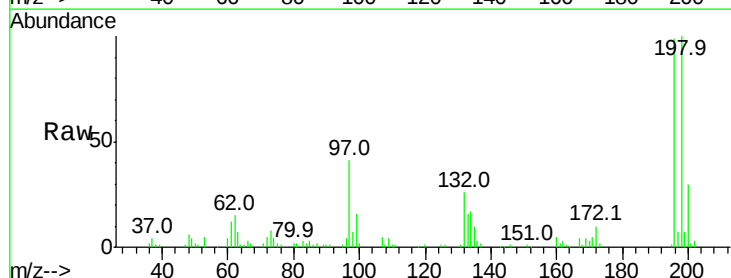
Instrument :
 BNA_F
 ClientSampled :

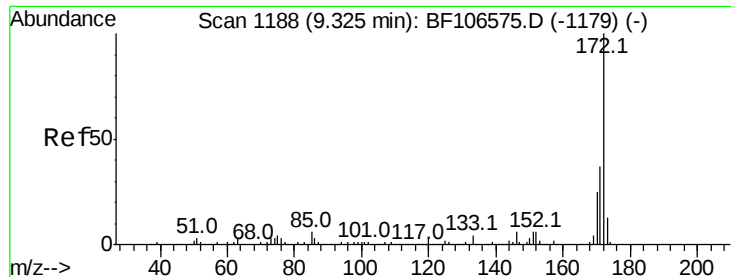
Tot Ion:196 Resp: 64093
 Ion Ratio Lower Upper
 196 100
 198 102.9 75.7 113.5
 200 31.8 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 29.823 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF107140.D
 Acq: 5 Jul 2018 21:20

Tgt Ion:196 Resp: 64404
 Ion Ratio Lower Upper
 196 100
 198 101.4 74.6 112.0
 97 41.2 42.9 64.3#
 132 26.0 26.3 39.5#

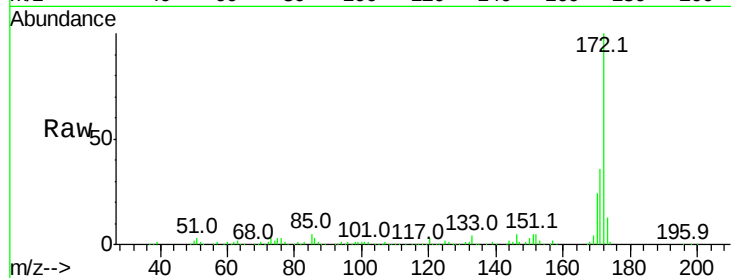




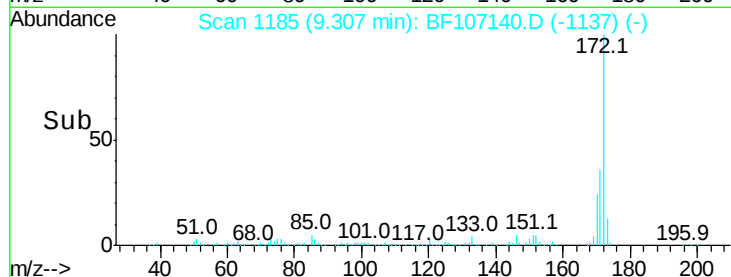
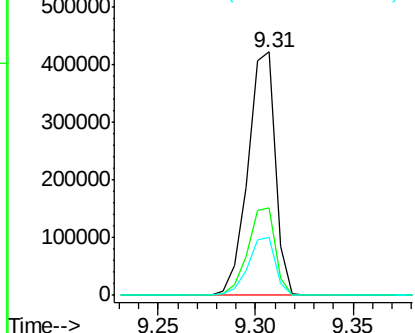
#44
2-Fluorobiphenyl
Concen: 73.313 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 411511
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.0 19.6 29.4

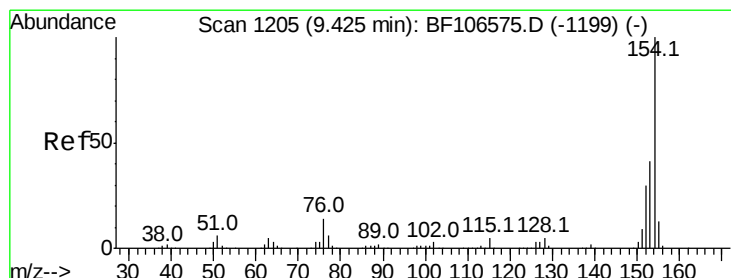


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

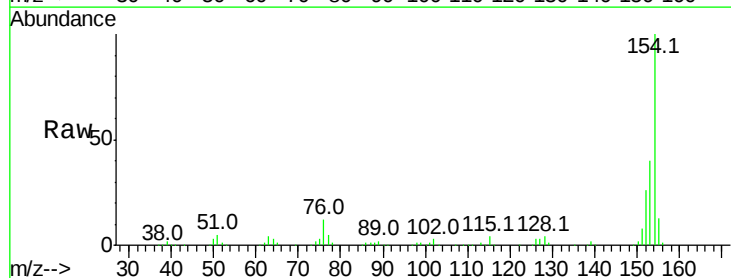
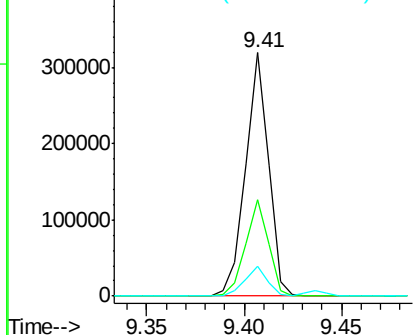


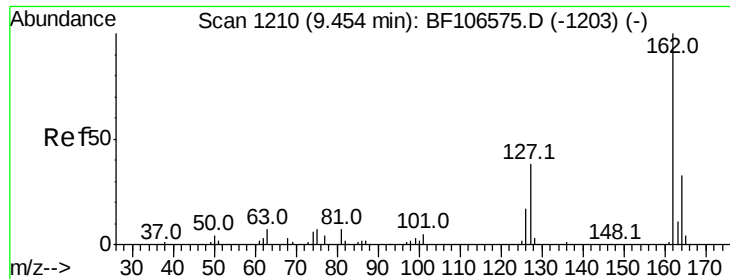
#45
1,1'-Biphenyl
Concen: 35.328 ng
RT: 9.41 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Tgt Ion:154 Resp: 260295
Ion Ratio Lower Upper
154 100
153 39.9 21.3 61.3
76 12.2 0.0 34.0



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

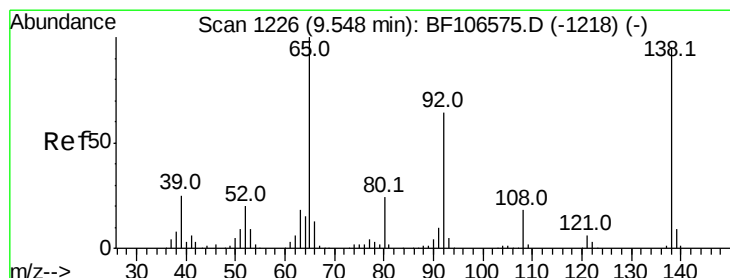
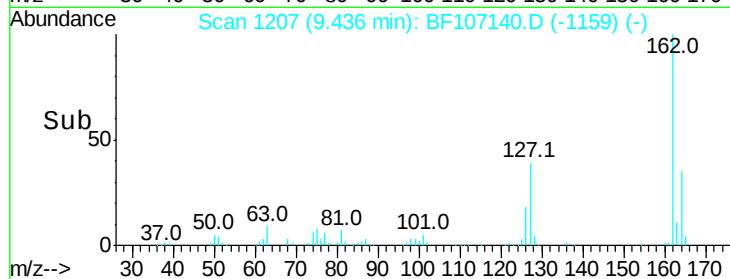
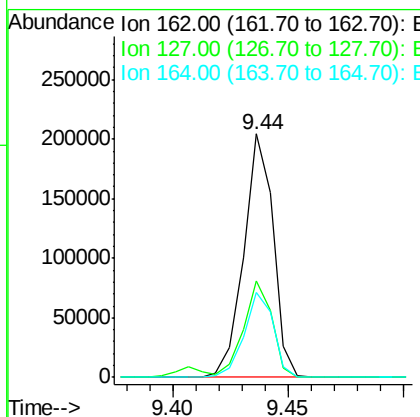
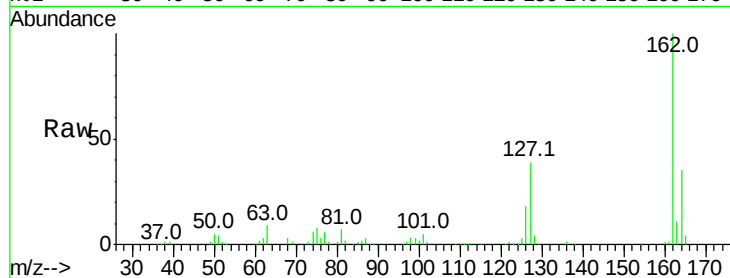




#46
 2-Chloronaphthalene
 Concen: 31.458 ng
 RT: 9.44 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF107140.D
 Acq: 5 Jul 2018 21:20

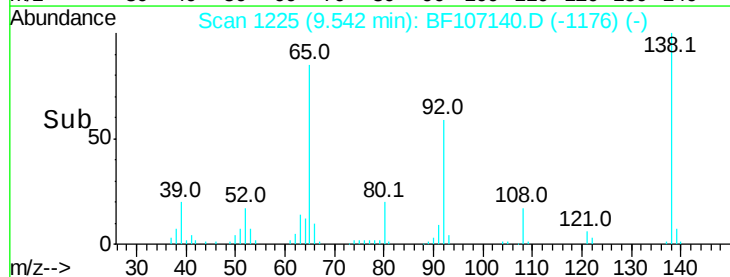
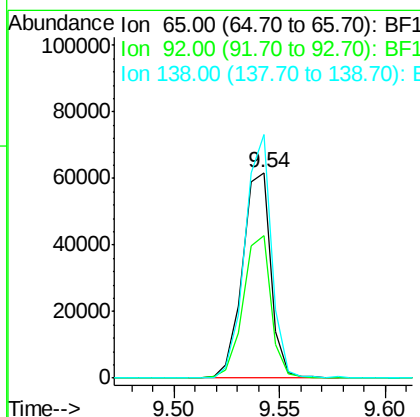
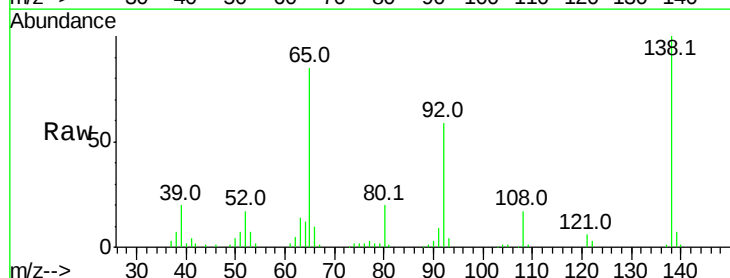
Instrument :
 BNA_F
 ClientSampleId :

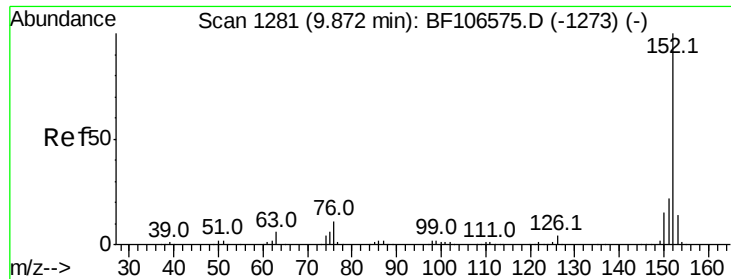
Tot Ion:162 Resp: 182444
 Ion Ratio Lower Upper
 162 100
 127 39.5 33.9 50.9
 164 35.0 26.5 39.7



#47
 2-Nitroaniline
 Concen: 29.611 ng
 RT: 9.54 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF107140.D
 Acq: 5 Jul 2018 21:20

Tgt Ion: 65 Resp: 57748
 Ion Ratio Lower Upper
 65 100
 92 69.5 55.8 83.6
 138 118.3 91.2 136.8





#48

Acenaphthylene

Concen: 30.771 ng

RT: 9.85 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

Instrument :

BNA_F

ClientSampleId :

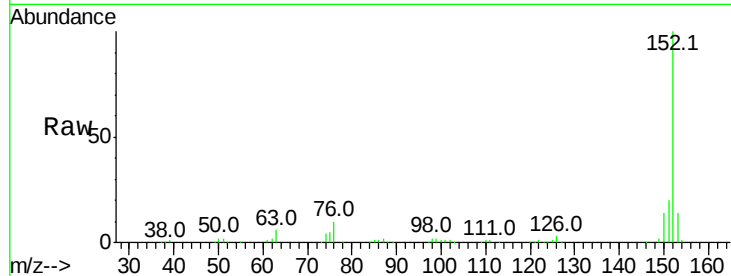
Tot Ion:152 Resp: 281750

Ion Ratio Lower Upper

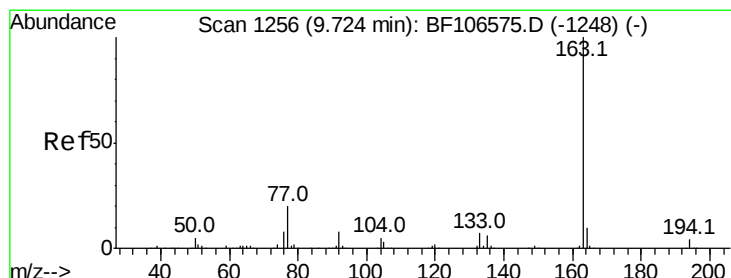
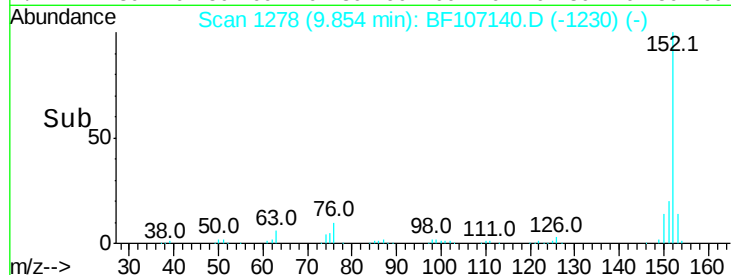
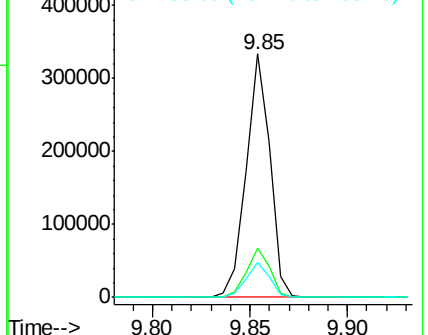
152 100

151 20.2 16.3 24.5

153 14.3 10.7 16.1



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



#49

Dimethylphthalate

Concen: 42.275 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

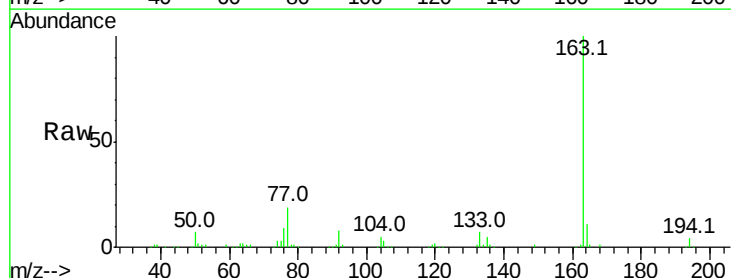
Tgt Ion:163 Resp: 293130

Ion Ratio Lower Upper

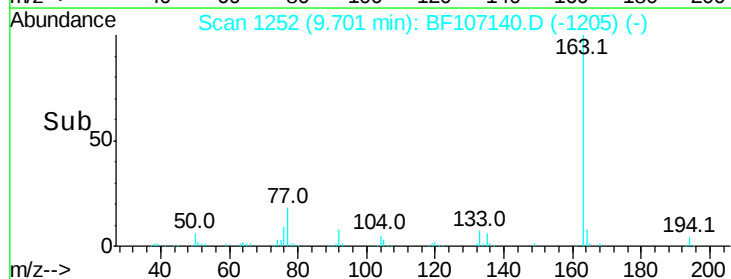
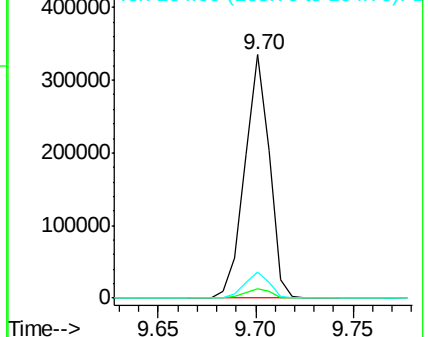
163 100

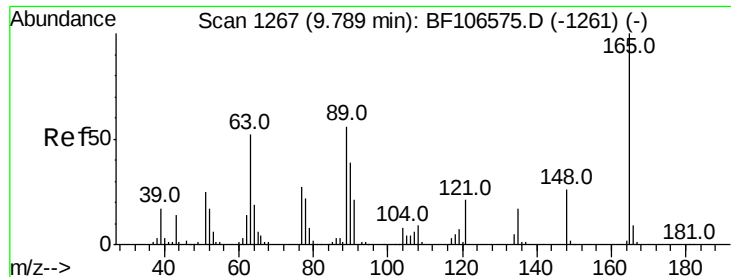
194 3.8 2.7 4.1

164 10.7 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

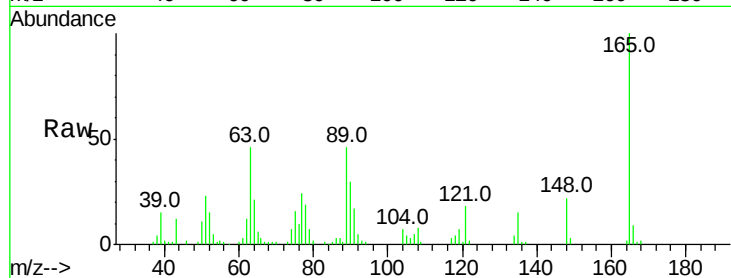




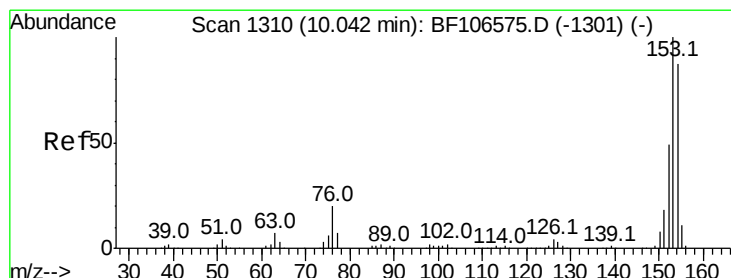
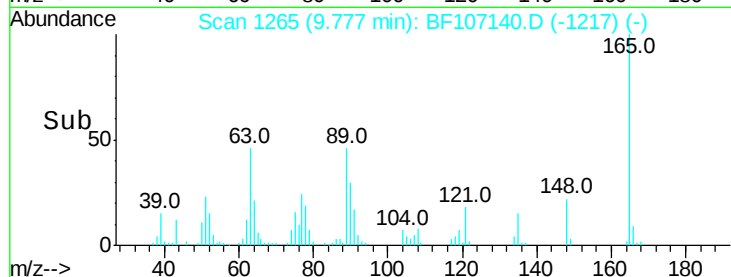
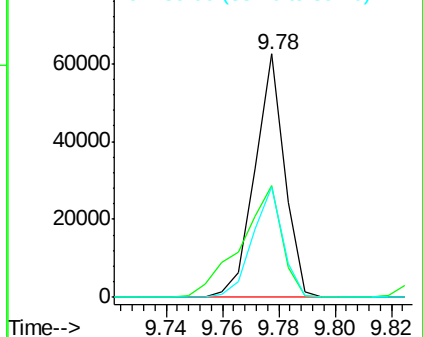
#50
2,6-Dinitrotoluene
Concen: 31.099 ng
RT: 9.78 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 45662
Ion Ratio Lower Upper
165 100
63 46.1 44.7 67.1
89 45.6 44.0 66.0

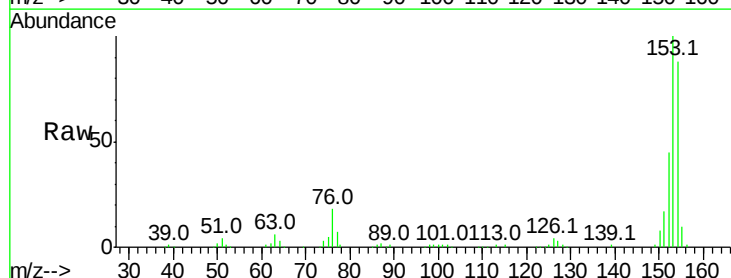


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

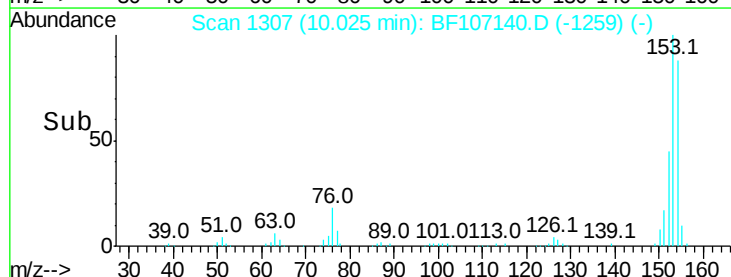
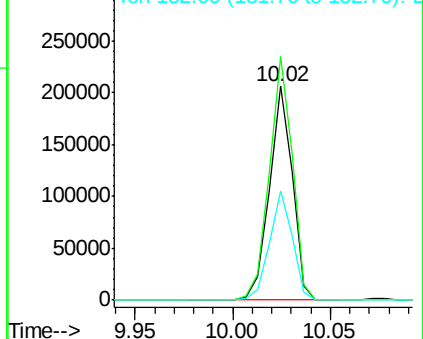


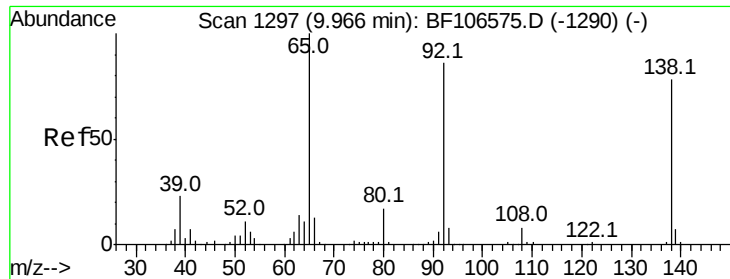
#51
Acenaphthene
Concen: 29.023 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Tgt Ion:154 Resp: 167345
Ion Ratio Lower Upper
154 100
153 113.9 91.2 136.8
152 50.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

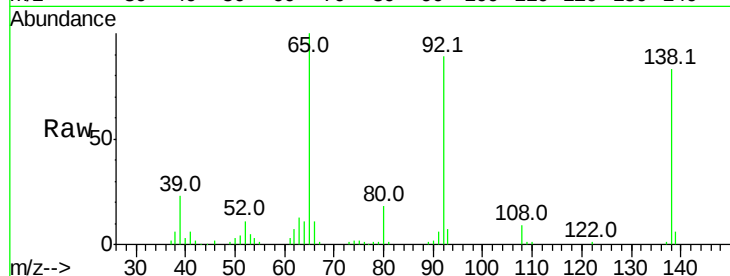




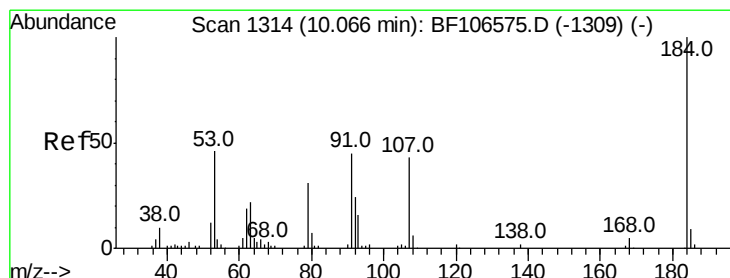
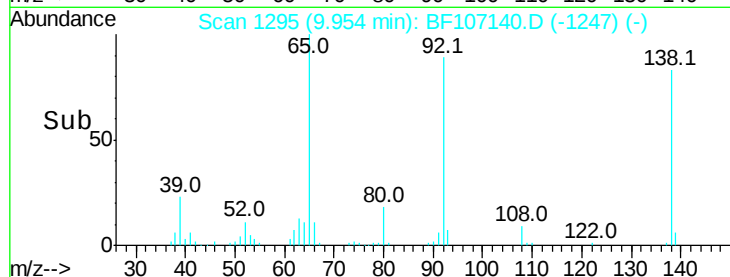
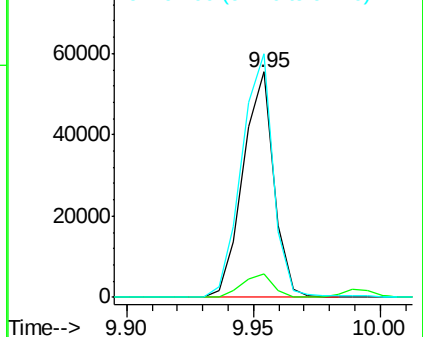
#52
3-Nitroaniline
Concen: 27.790 ng
RT: 9.95 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 46954
Ion Ratio Lower Upper
138 100
108 10.6 9.4 14.0
92 108.0 89.4 134.2

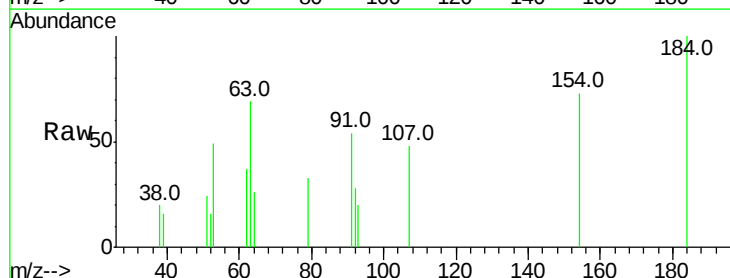


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

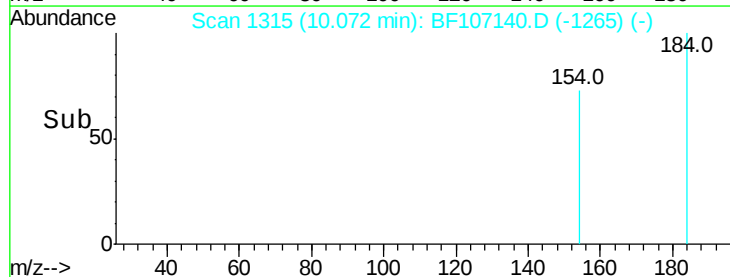
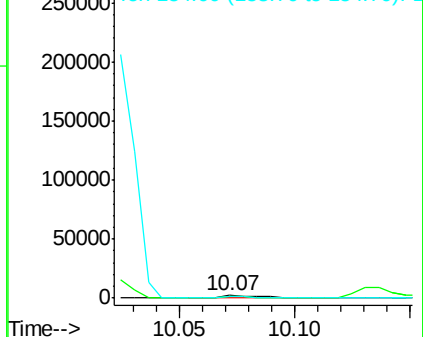


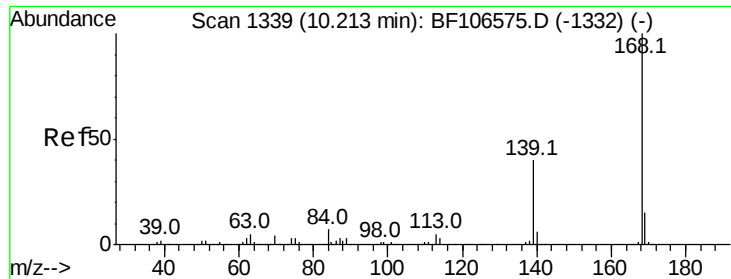
#53
2,4-Dinitrophenol
Concen: 9.498 ng
RT: 10.07 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Tgt Ion:184 Resp: 3391
Ion Ratio Lower Upper
184 100
63 69.2 54.2 81.2
154 72.7 184.0 276.0#



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





#54

Dibenzofuran

Concen: 32.292 ng

RT: 10.20 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

Instrument :

BNA_F

ClientSampleId :

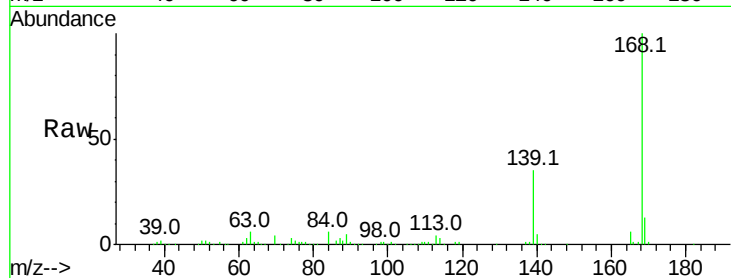
Tot Ion:168 Resp: 254953

Ion Ratio Lower Upper

168 100

139 35.2 30.1 45.1

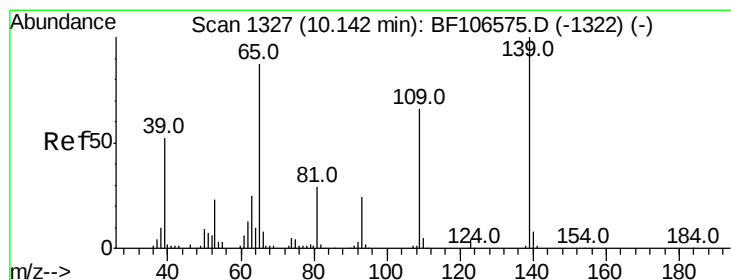
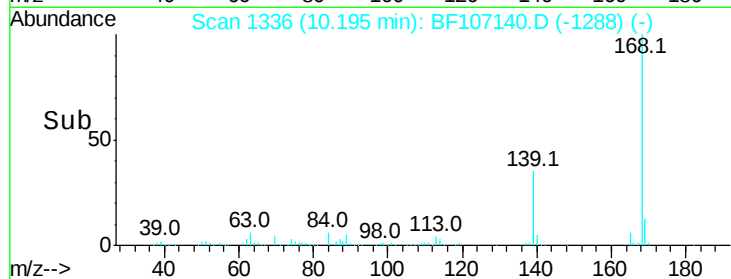
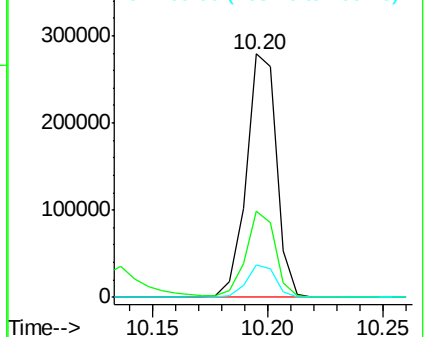
169 13.5 10.9 16.3



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: 36.829 ng

RT: 10.14 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

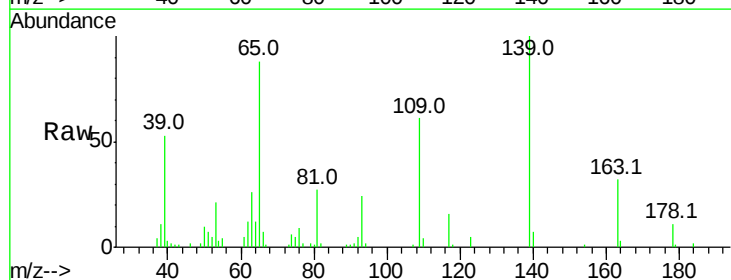
Tgt Ion:139 Resp: 43435

Ion Ratio Lower Upper

139 100

109 61.1 48.4 88.4

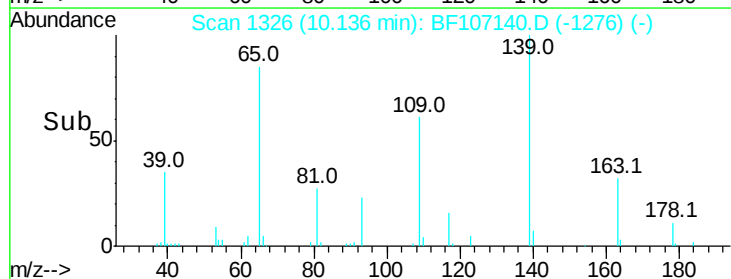
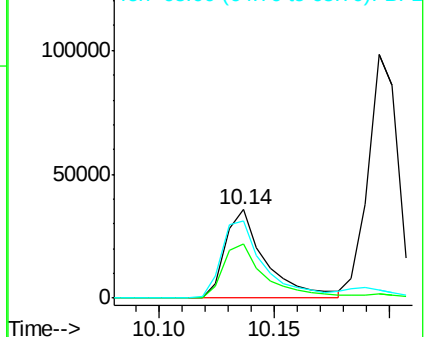
65 87.7 72.6 112.6

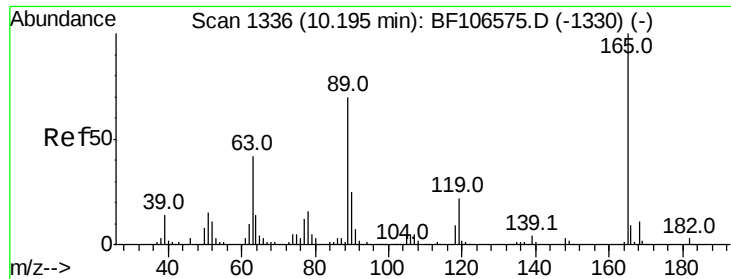


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

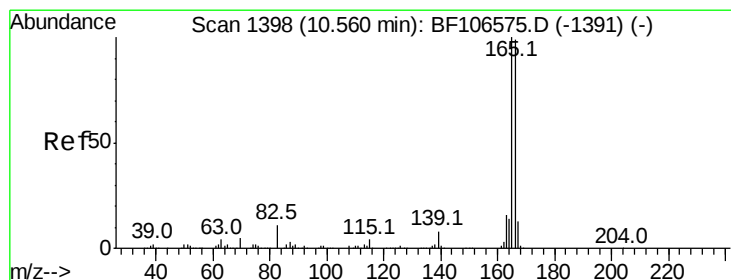
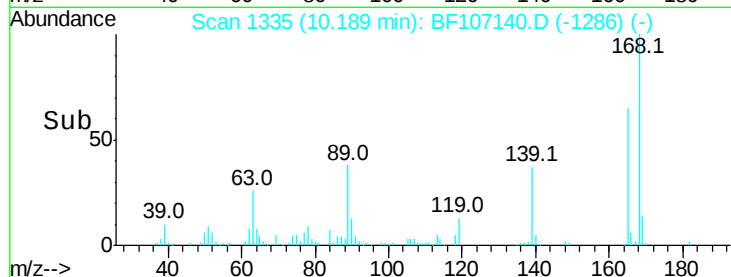
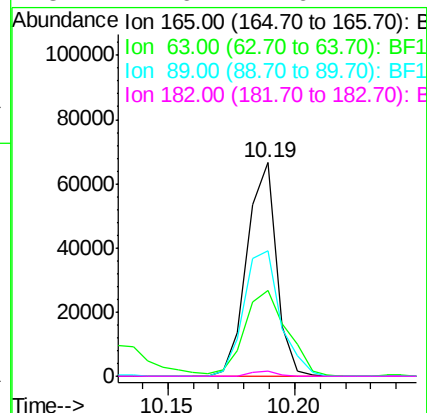
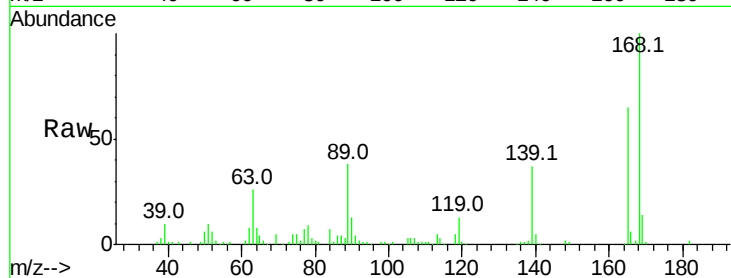




#56
2,4-Dinitrotoluene
Concen: 28.297 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

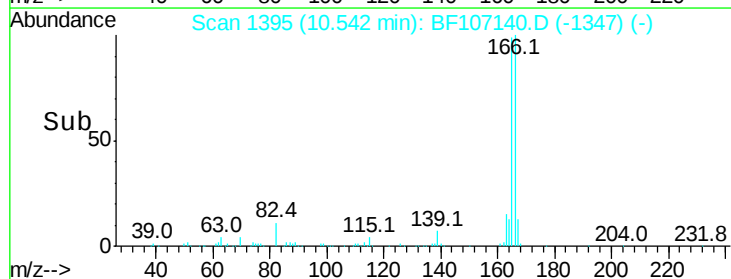
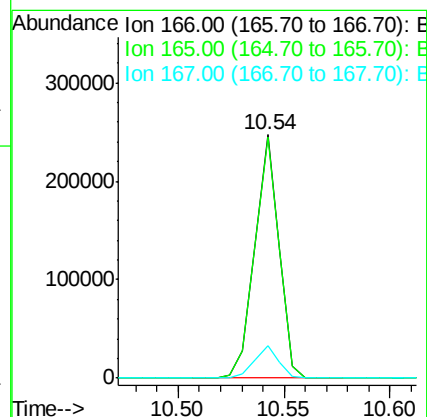
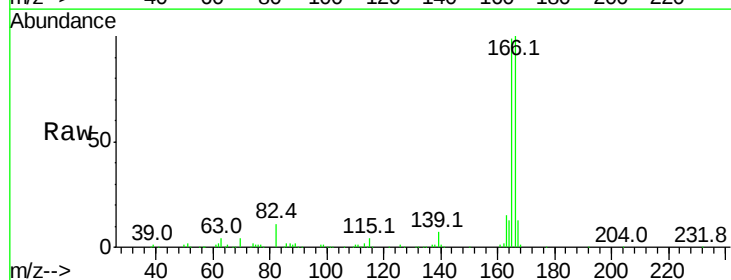
Instrument :
BNA_F
ClientSampleId :

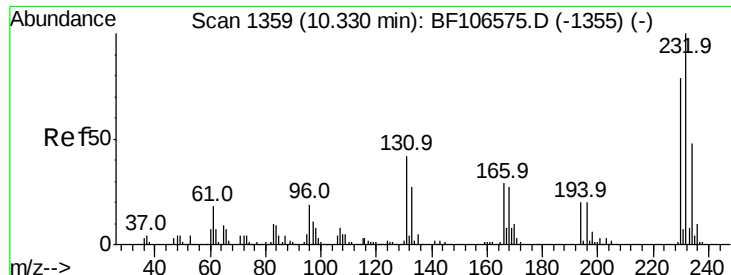
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.2	36.4	54.6
89	58.9	57.8	86.6
182	2.6	1.6	2.4



#57
Fluorene
Concen: 31.547 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.8	119.8
167	13.1	10.6	16.0

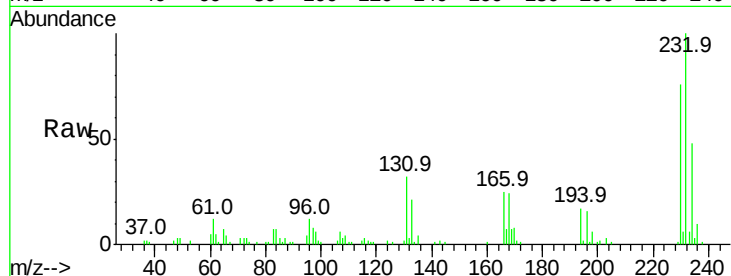




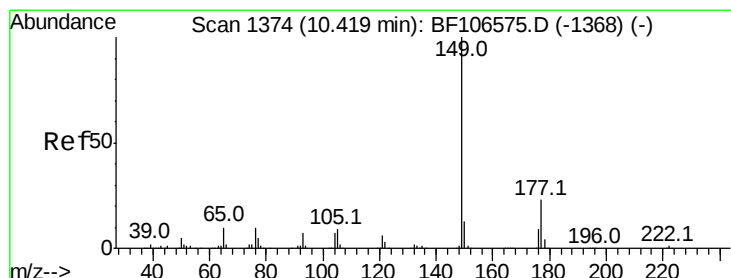
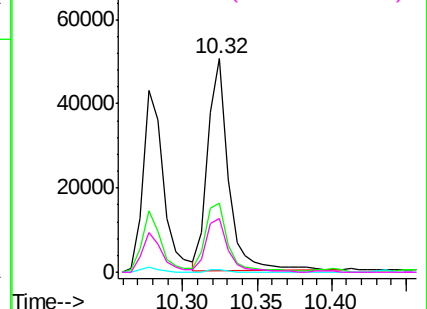
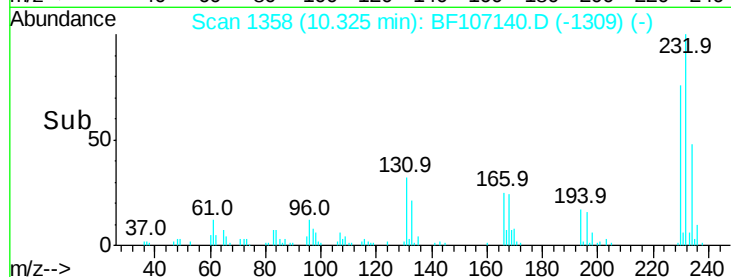
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 28.056 ng
 RT: 10.32 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF107140.D
 Acq: 5 Jul 2018 21:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.1	43.8	65.8#
130	1.3	2.1	3.1#
166	27.6	27.8	41.6#

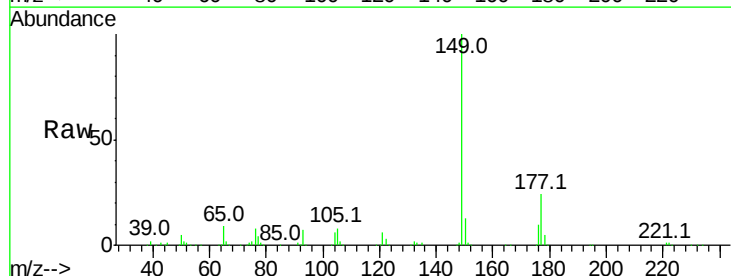


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

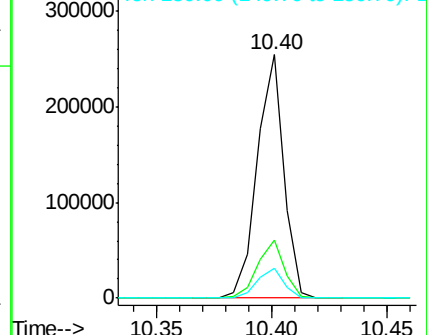
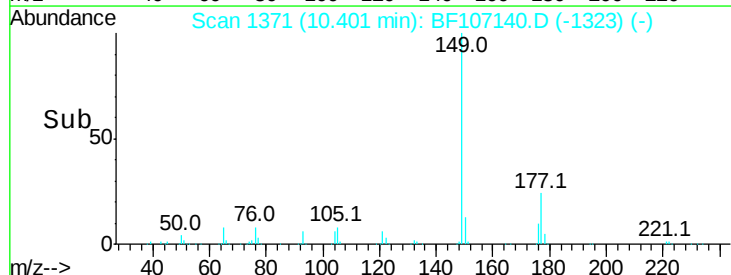


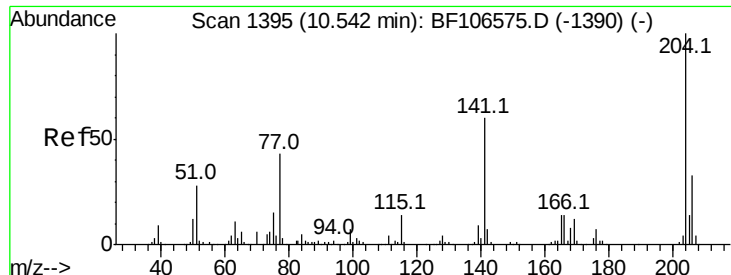
#59
 Diethylphthalate
 Concen: 30.712 ng
 RT: 10.40 min Scan# 1371
 Delta R.T. -0.02 min
 Lab File: BF107140.D
 Acq: 5 Jul 2018 21:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	16.1	24.1
150	12.5	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

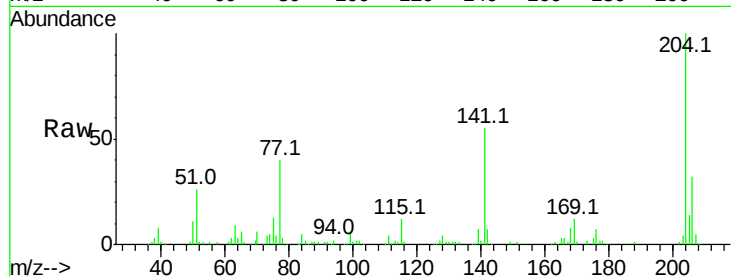




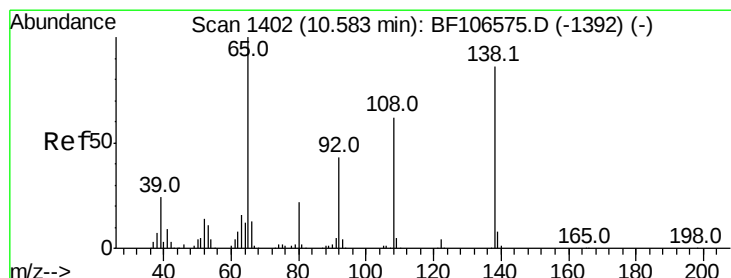
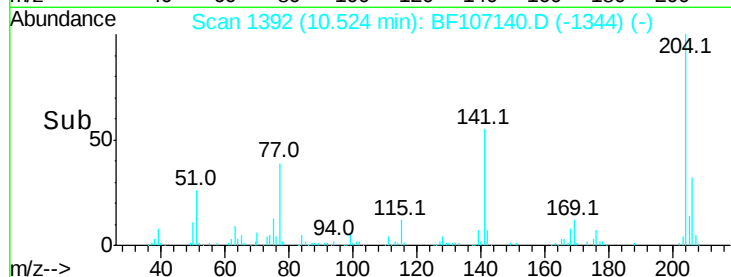
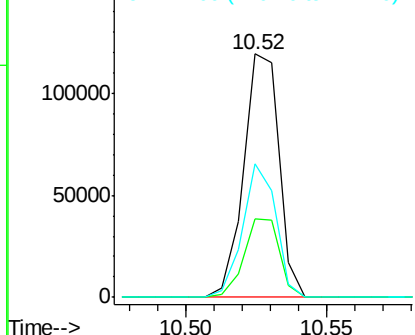
#60
4-Chlorophenyl-phenylether
Concen: 31.660 ng
RT: 10.52 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 103786
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 54.6 54.6 81.8

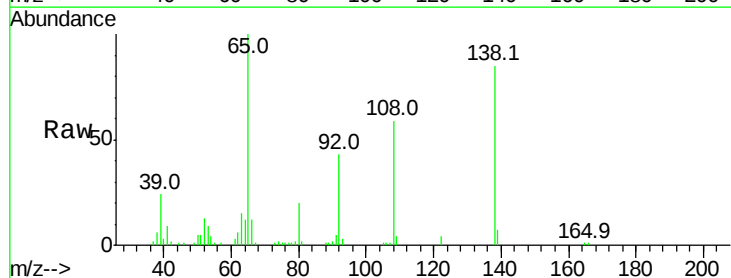


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

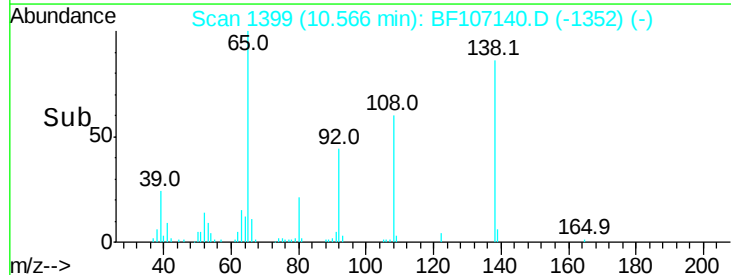
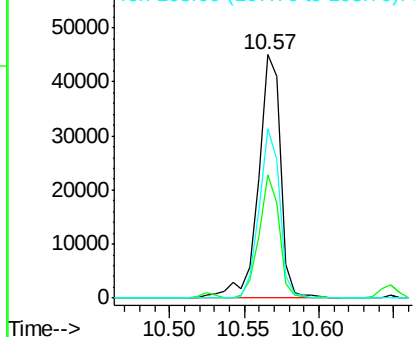


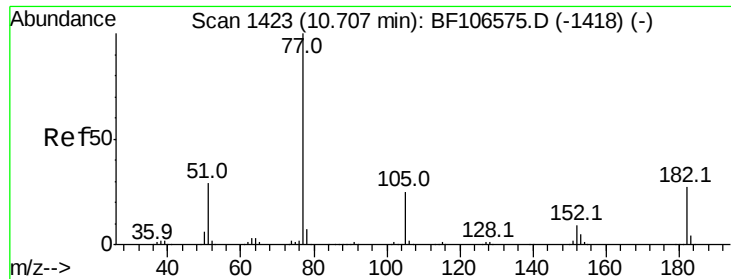
#61
4-Nitroaniline
Concen: 27.332 ng
RT: 10.57 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Tgt Ion:138 Resp: 45831
Ion Ratio Lower Upper
138 100
92 50.8 30.2 70.2
108 69.4 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: 26.901 ng

RT: 10.69 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 177287

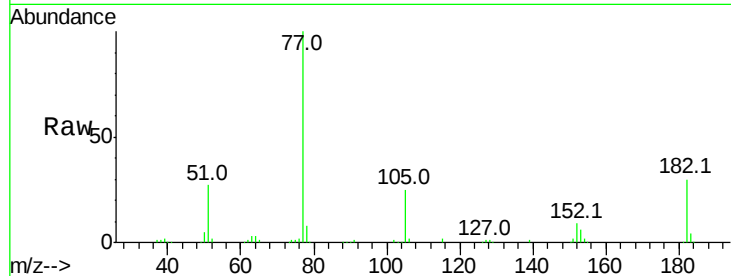
Ion	Ratio	Lower	Upper
77	100		
182	29.9	1.7	41.7
105	25.0	3.0	43.0
51	27.2	9.9	49.9

77 100

182 29.9 1.7 41.7

105 25.0 3.0 43.0

51 27.2 9.9 49.9

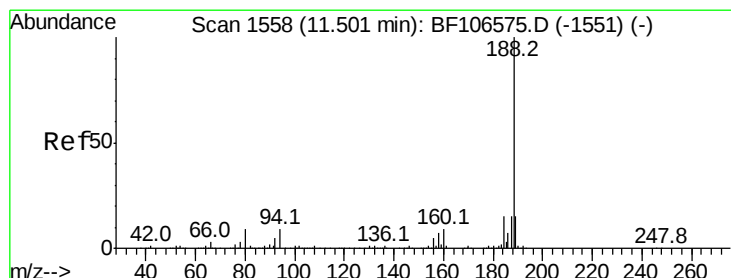
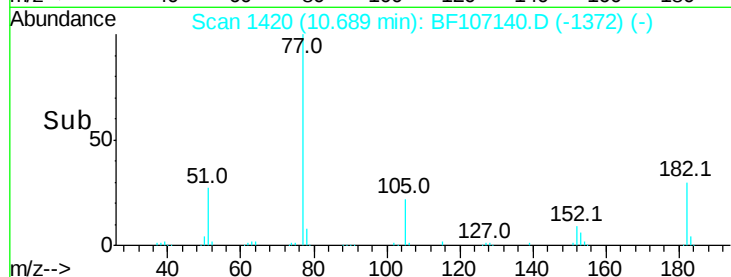
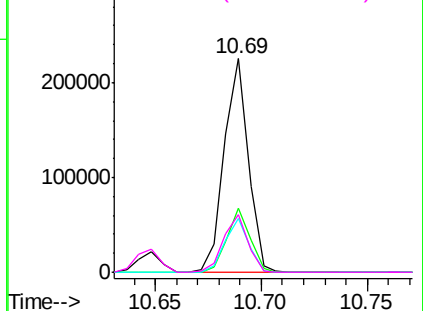


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

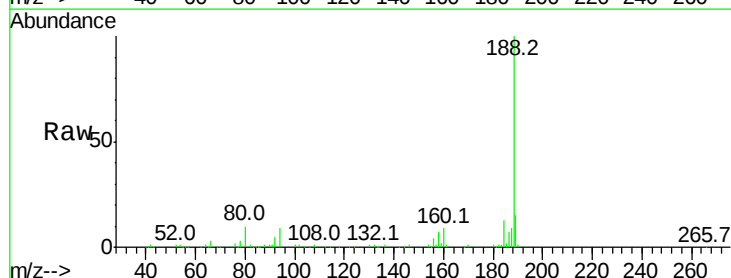
Tgt Ion: 188 Resp: 160970

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.2	9.2	13.8

188 100

94 9.4 8.5 12.7

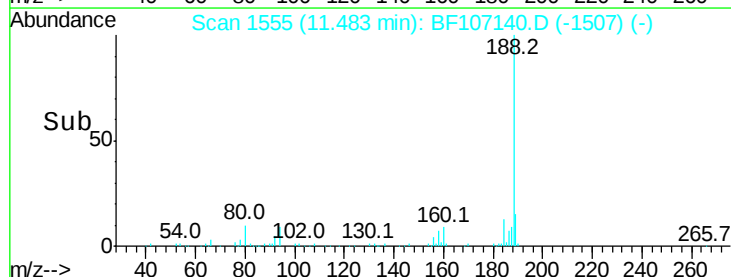
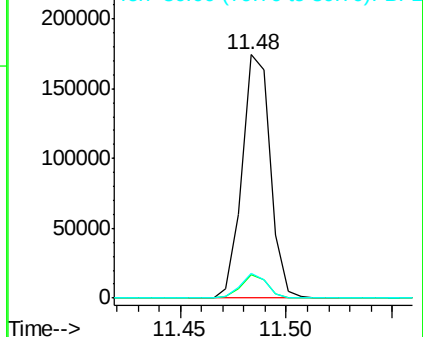
80 10.2 9.2 13.8

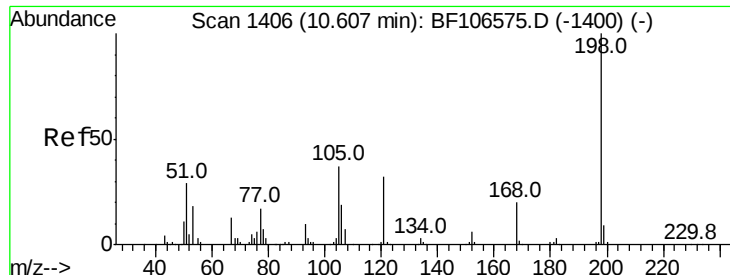


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 5.848 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

Instrument :

BNA_F

ClientSampleId :

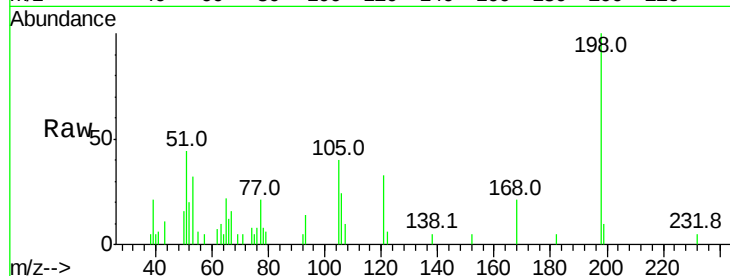
Tot Ion:198 Resp: 5819

Ion Ratio Lower Upper

198 100

51 43.6 37.7 77.7

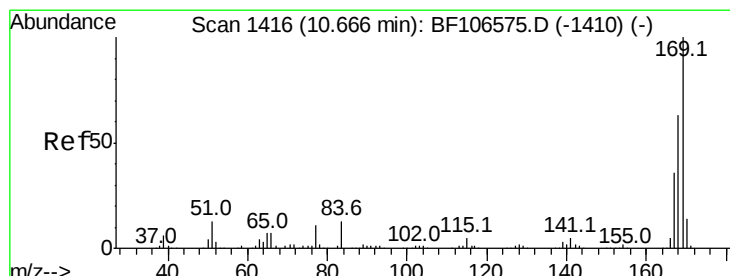
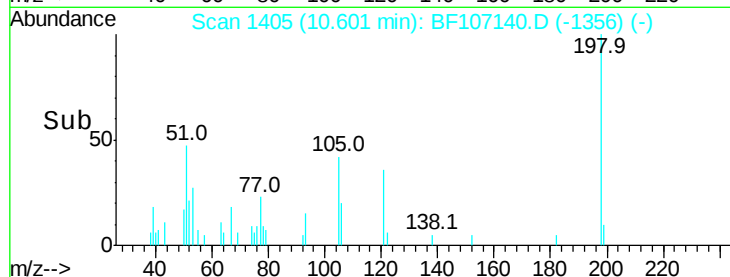
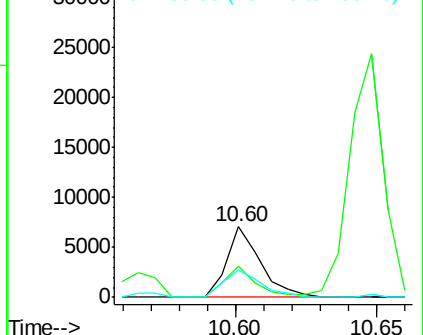
105 39.5 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 31.373 ng

RT: 10.65 min Scan# 1413

Delta R.T. -0.02 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

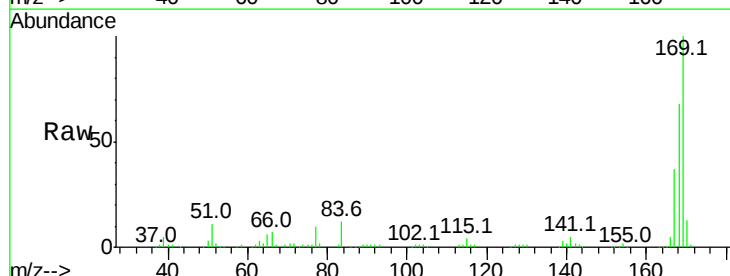
Tgt Ion:169 Resp: 169862

Ion Ratio Lower Upper

169 100

168 67.8 54.4 81.6

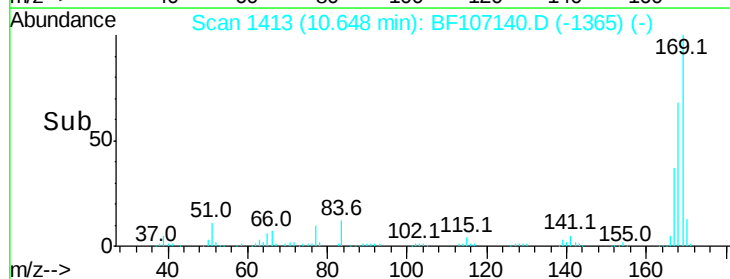
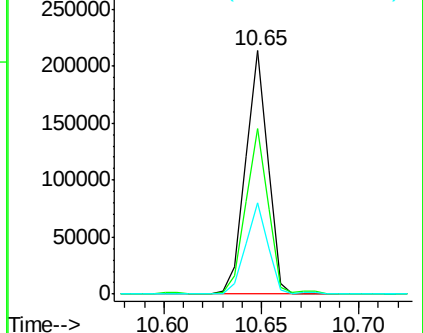
167 37.4 29.8 44.6

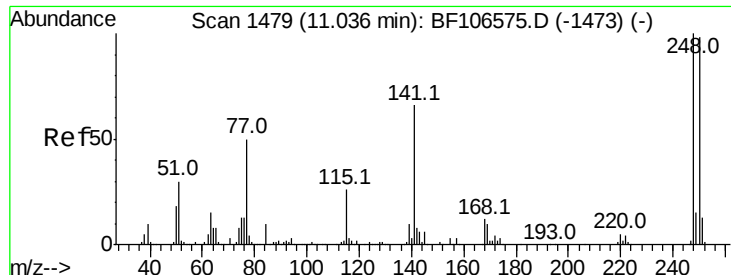


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

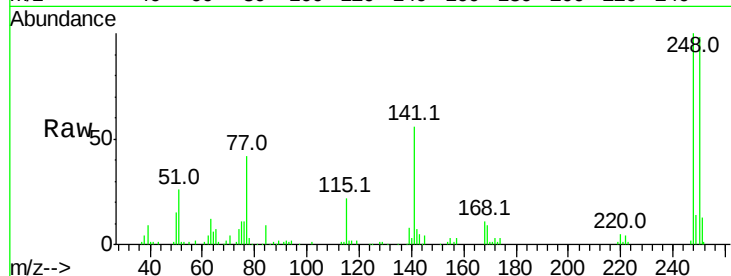




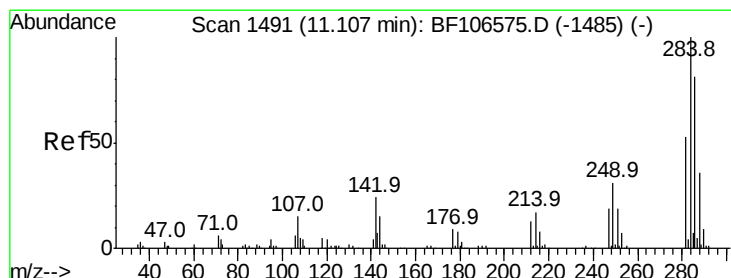
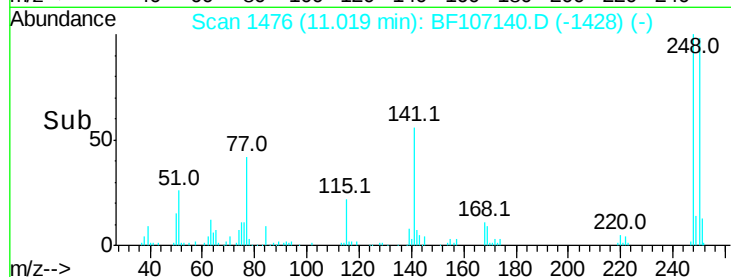
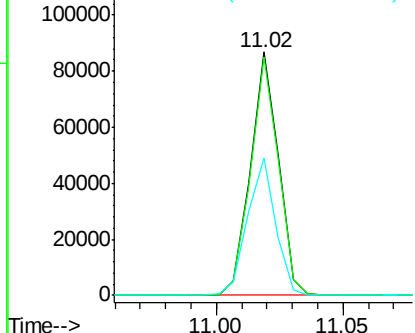
#66
4-Bromophenyl-phenylether
Concen: 34.801 ng
RT: 11.02 min Scan# 1476
Delta R.T. -0.02 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 66855
Ion Ratio Lower Upper
248 100
250 98.1 76.9 115.3
141 56.4 74.4 111.6#

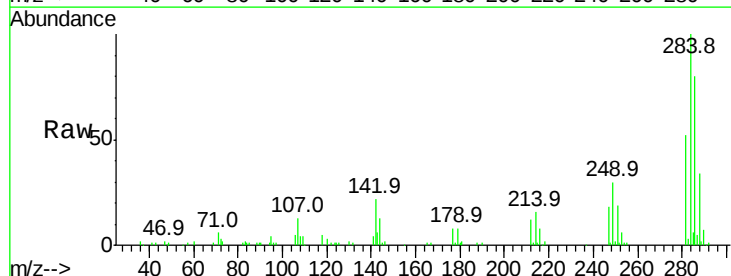


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

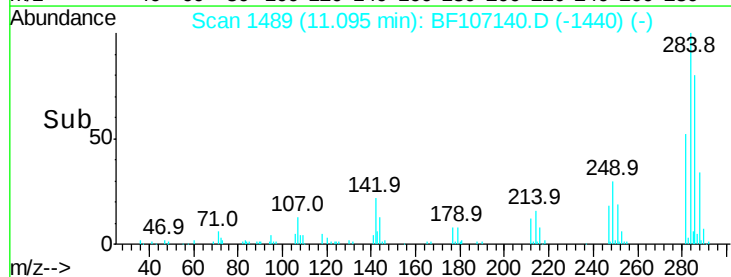
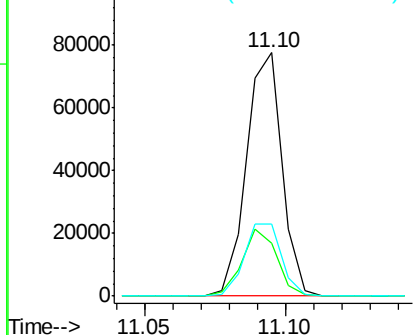


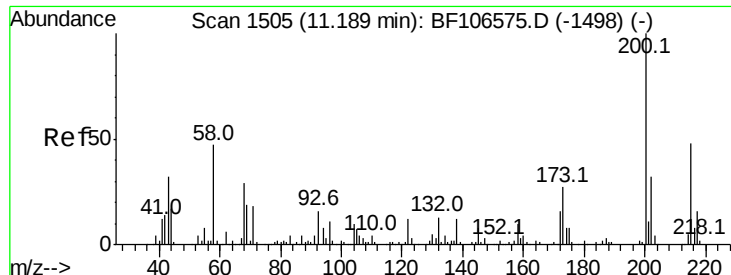
#67
Hexachlorobenzene
Concen: 33.682 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Tgt Ion:284 Resp: 67723
Ion Ratio Lower Upper
284 100
142 21.9 34.6 52.0#
249 29.5 24.8 37.2



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

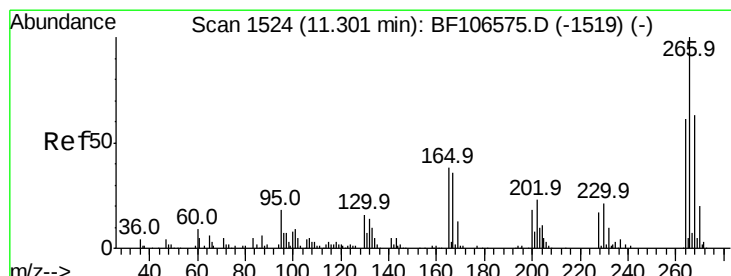
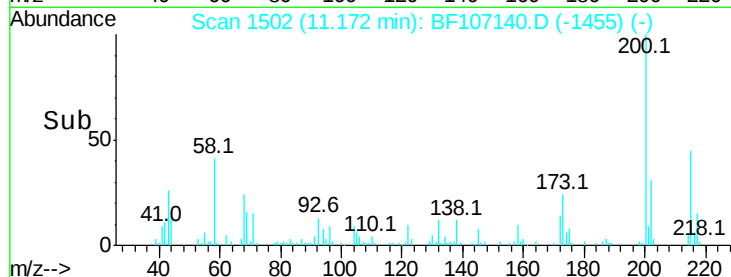
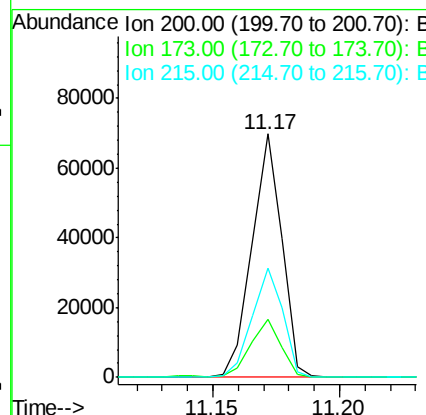
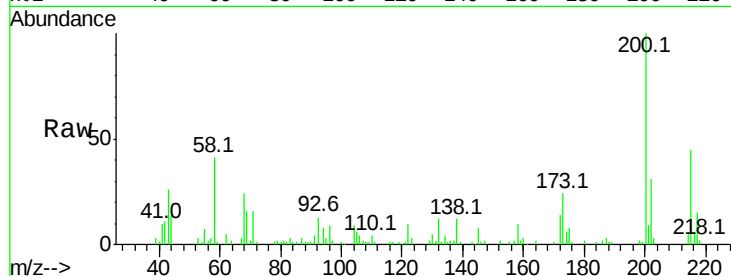




#68
Atrazine
Concen: 33.374 ng
RT: 11.17 min Scan# 1502
Delta R.T. -0.02 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

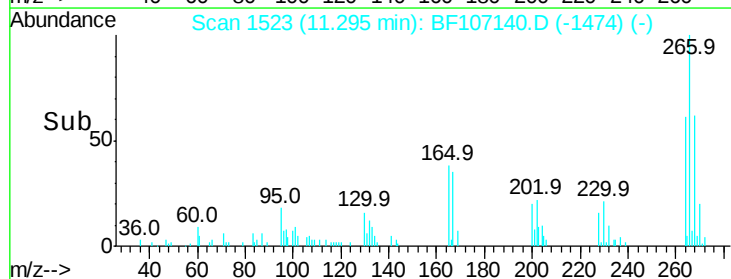
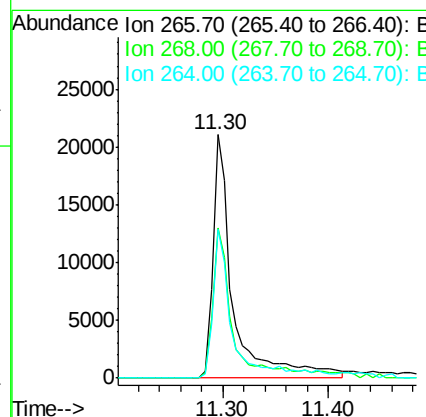
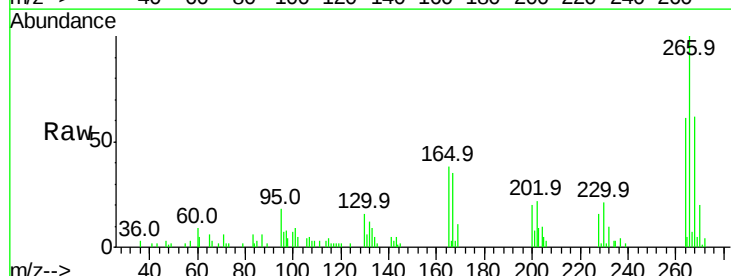
Instrument :
BNA_F
ClientSampleId :

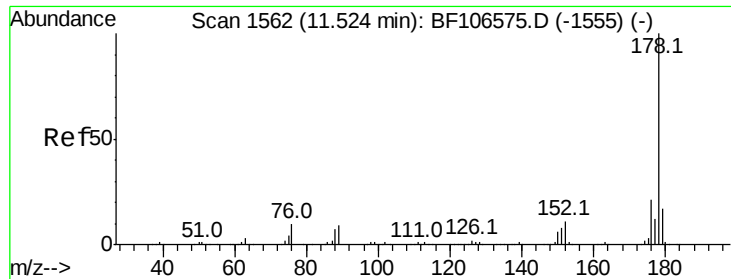
Tot Ion:200 Resp: 57444
Ion Ratio Lower Upper
200 100
173 23.8 8.6 48.6
215 44.9 25.1 65.1



#69
Pentachlorophenol
Concen: 28.027 ng
RT: 11.30 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Tgt Ion:266 Resp: 28118
Ion Ratio Lower Upper
266 100
268 61.8 51.1 76.7
264 61.1 49.5 74.3

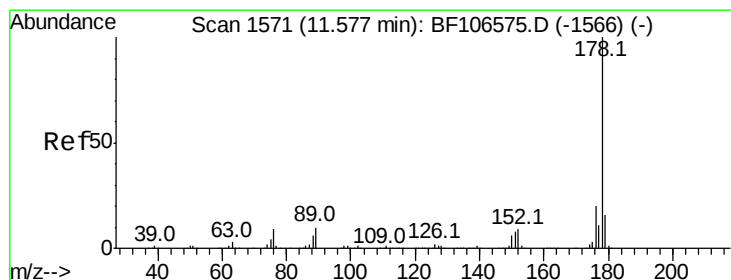
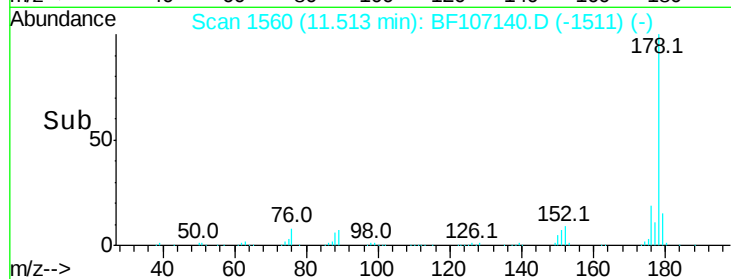
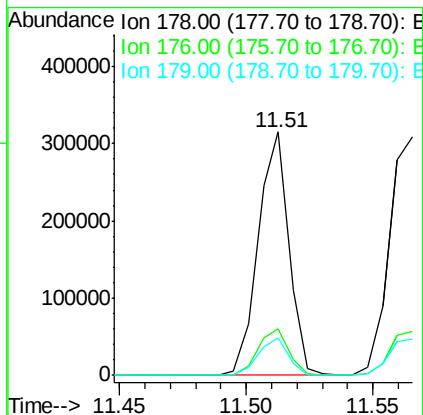
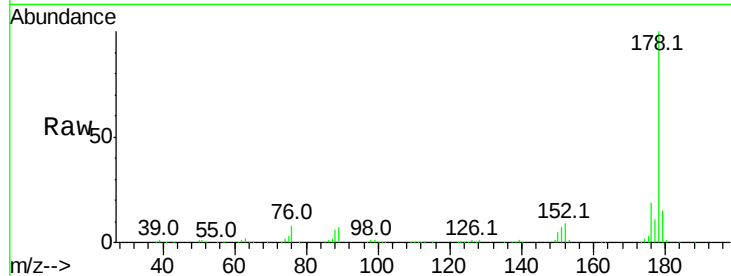




#70
Phenanthrene
Concen: 34.355 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

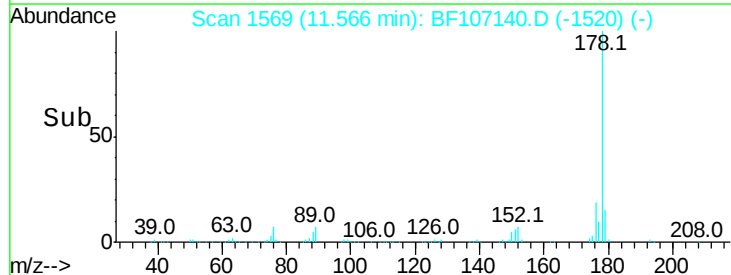
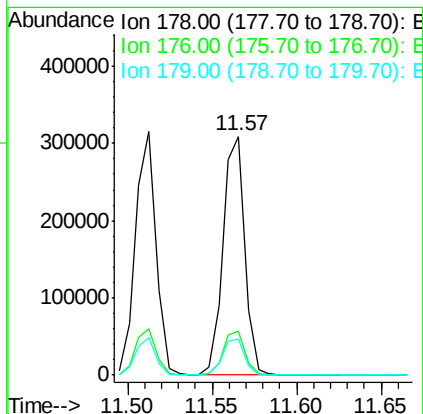
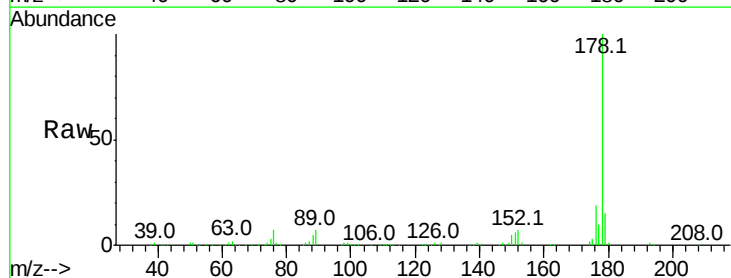
Instrument :
BNA_F
ClientSampleId :

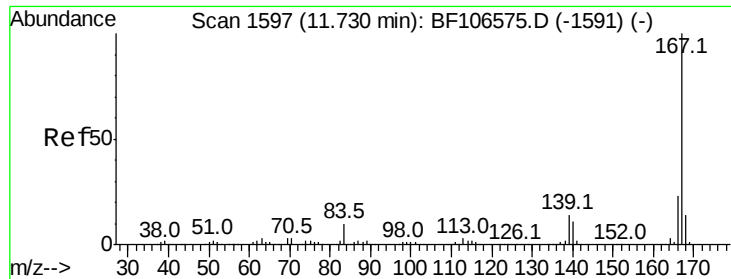
Tot Ion:178 Resp: 266726
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.3 13.0 19.6



#71
Anthracene
Concen: 35.008 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Tgt Ion:178 Resp: 277424
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.4 12.6 19.0

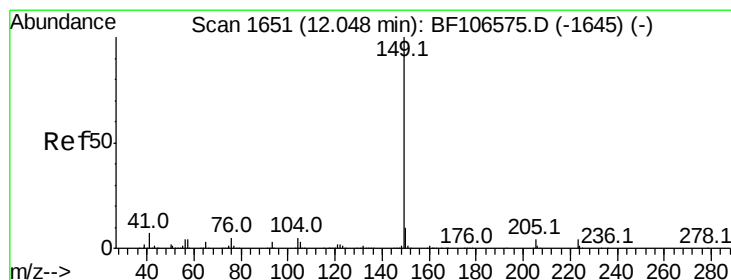
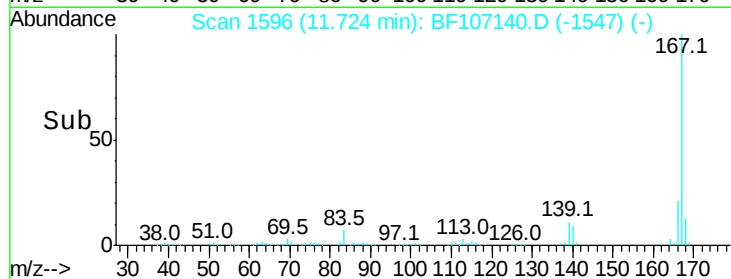
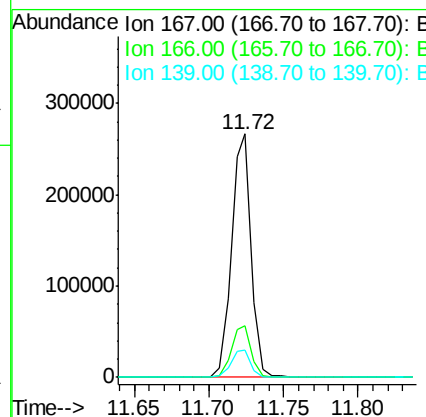
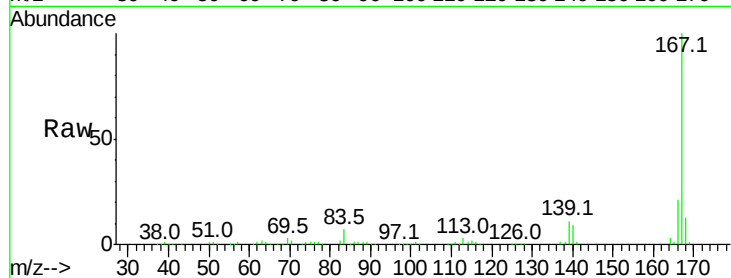




#72
 Carbazole
 Concen: 33.400 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF107140.D
 Acq: 5 Jul 2018 21:20

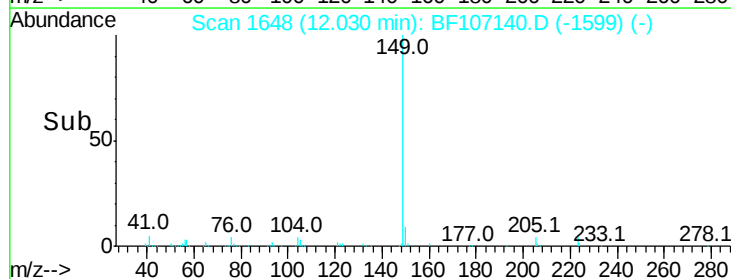
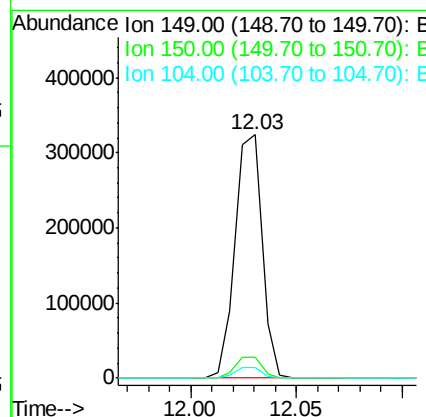
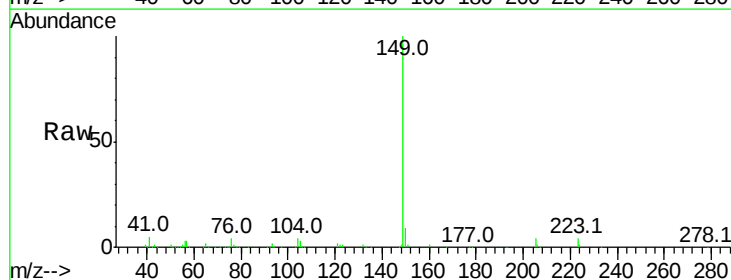
Instrument :
 BNA_F
 ClientSampleId :

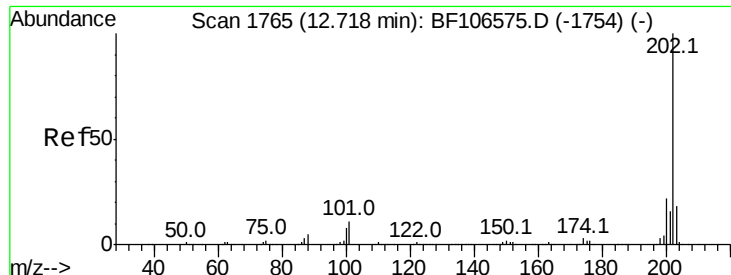
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.6	26.4
139	11.0	10.9	16.3



#73
 Di-n-butylphthalate
 Concen: 32.716 ng
 RT: 12.03 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BF107140.D
 Acq: 5 Jul 2018 21:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.8	11.6
104	4.3	3.8	5.8

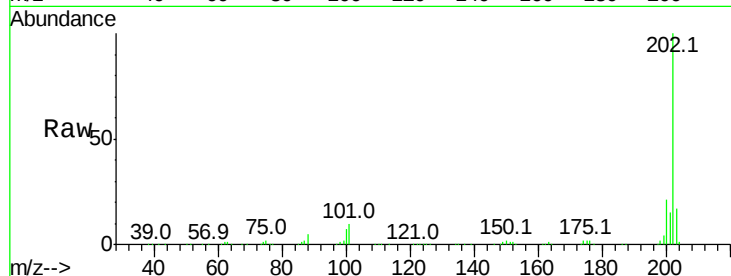




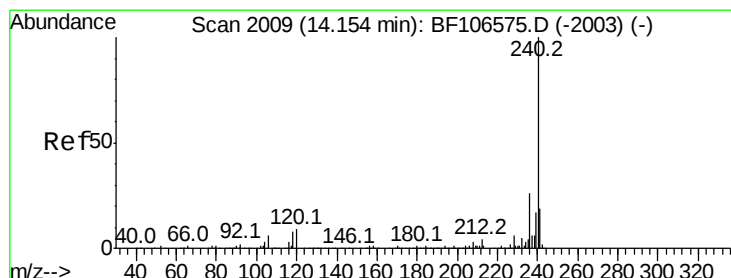
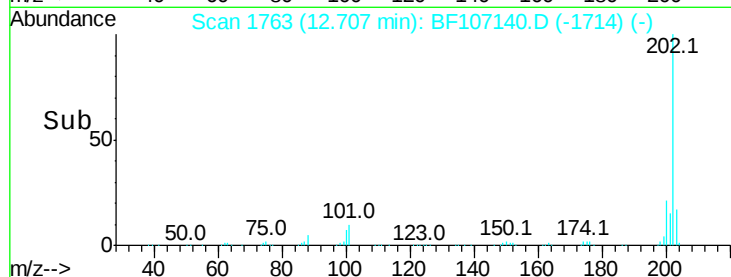
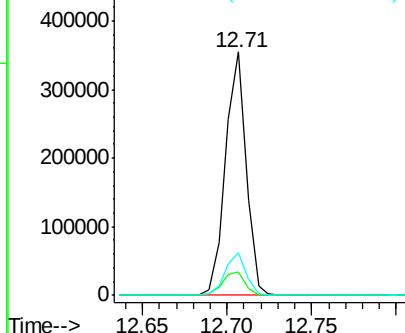
#74
 Fluoranthene
 Concen: 35.213 ng
 RT: 12.71 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BF107140.D
 Acq: 5 Jul 2018 21:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	34.1
203	17.5	0.0	38.1

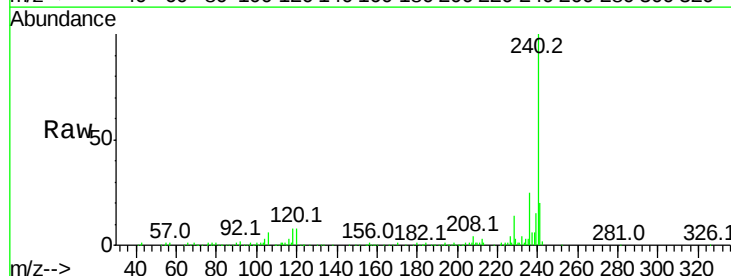


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

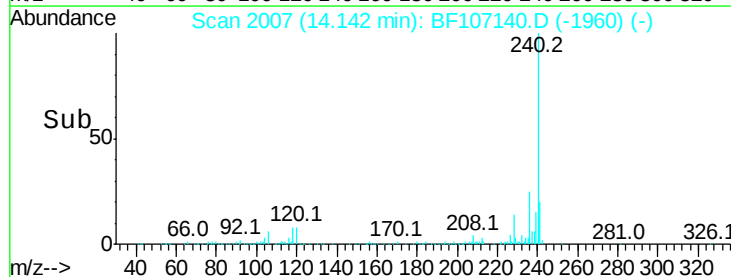
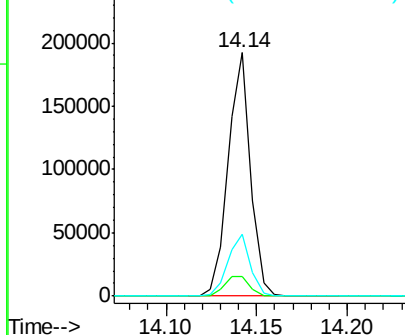


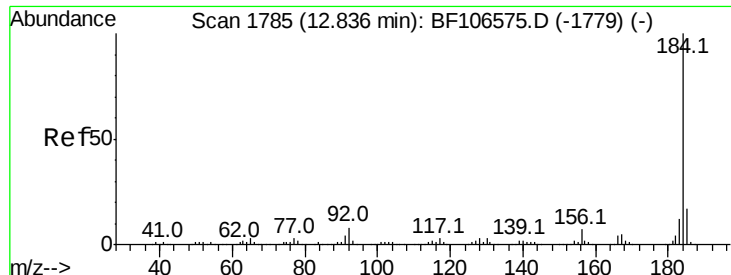
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BF107140.D
 Acq: 5 Jul 2018 21:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.3	9.5	14.3#
236	25.4	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

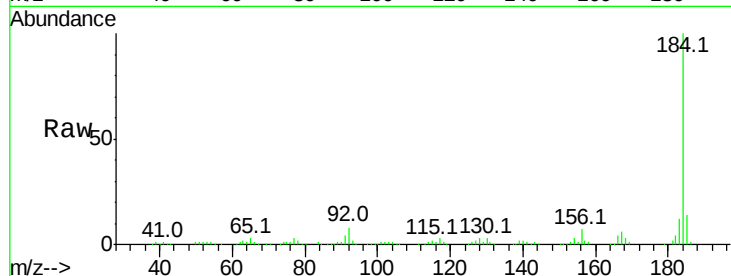




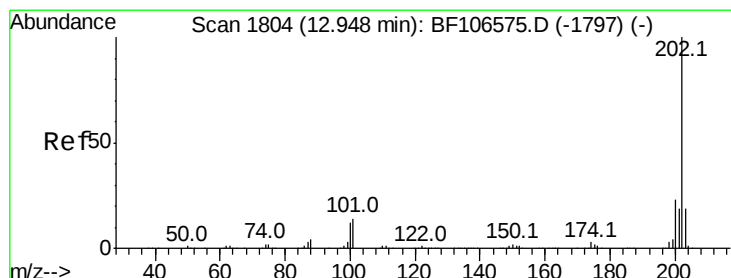
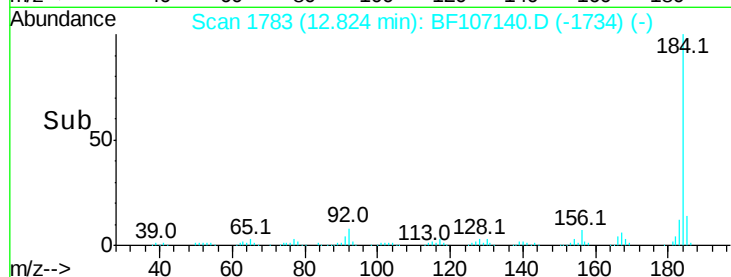
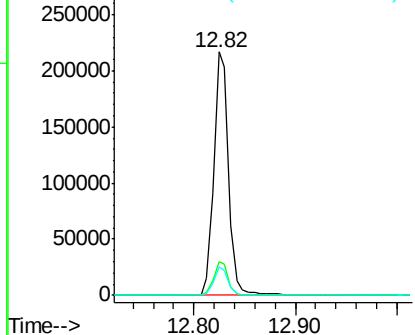
#76
Benzidine
Concen: 46.874 ng
RT: 12.82 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 219776
Ion Ratio Lower Upper
184 100
185 13.7 12.6 18.8
183 11.6 9.3 13.9

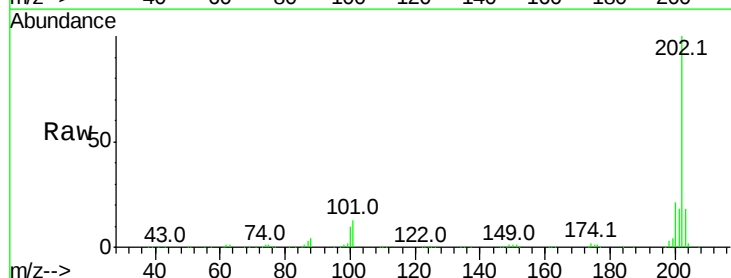


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

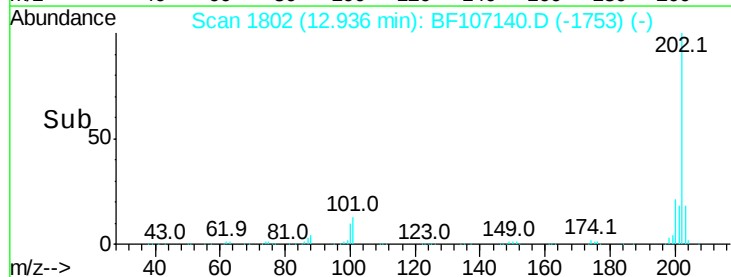
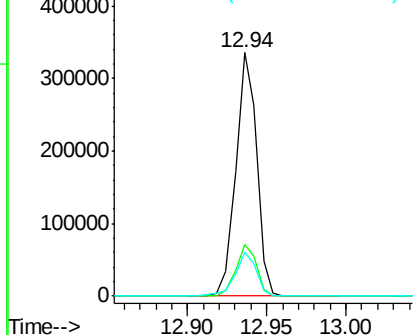


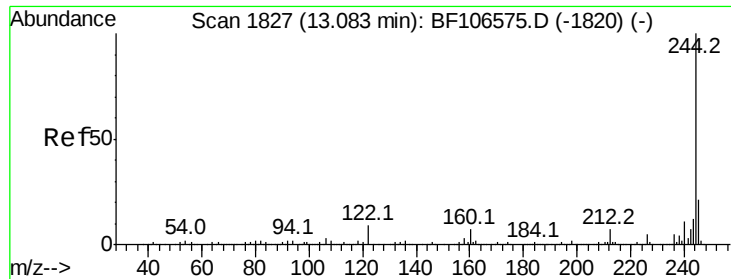
#77
Pyrene
Concen: 28.155 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Tgt Ion:202 Resp: 305659
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 18.1 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: 65.992 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

Instrument :

BNA_F

ClientSampleId :

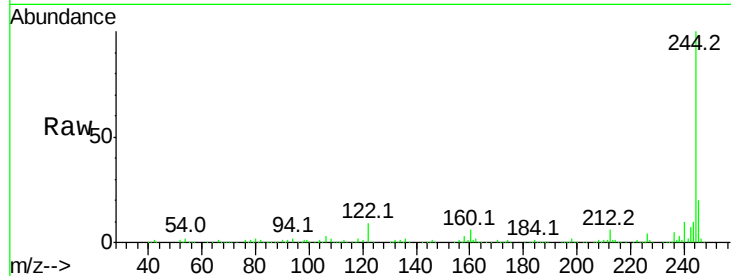
Tot Ion:244 Resp: 448510

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

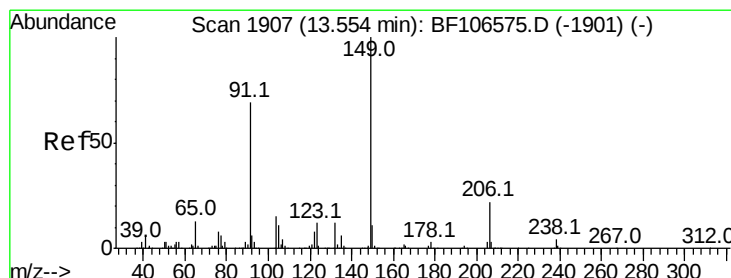
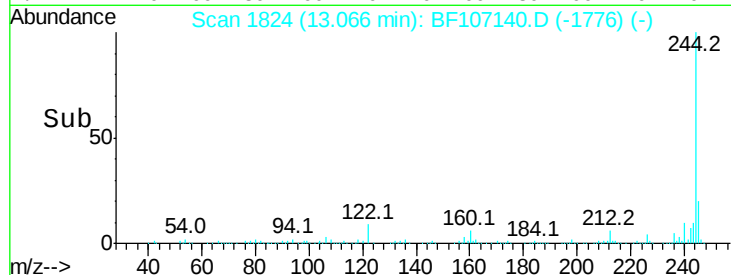
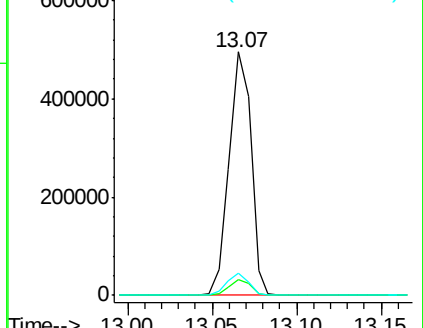
122 9.1 11.0 16.4#



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: 26.815 ng

RT: 13.54 min Scan# 1904

Delta R.T. -0.02 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

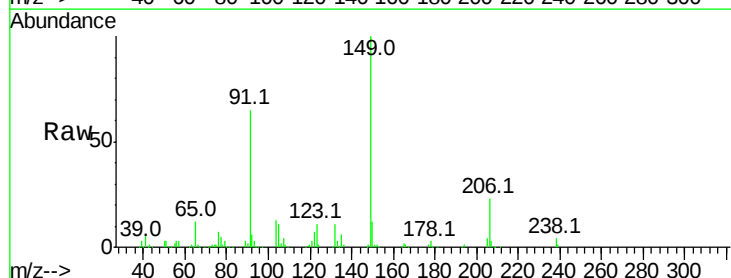
Tgt Ion:149 Resp: 119690

Ion Ratio Lower Upper

149 100

91 64.8 56.8 85.2

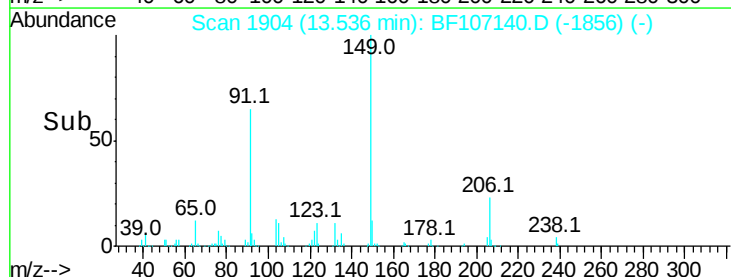
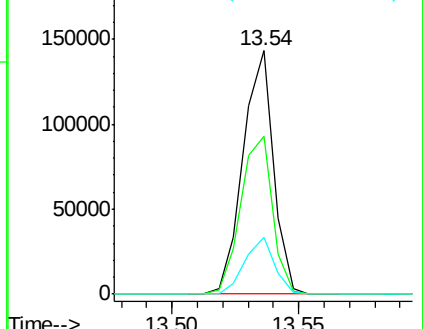
206 23.2 14.1 21.1#

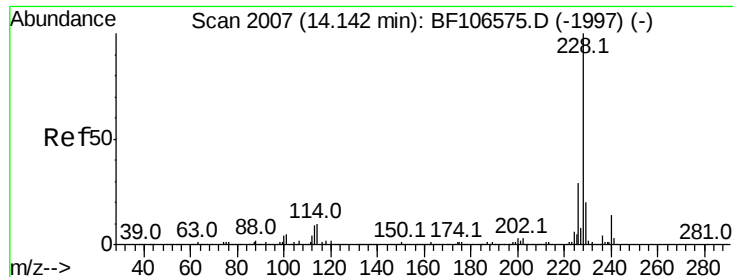


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

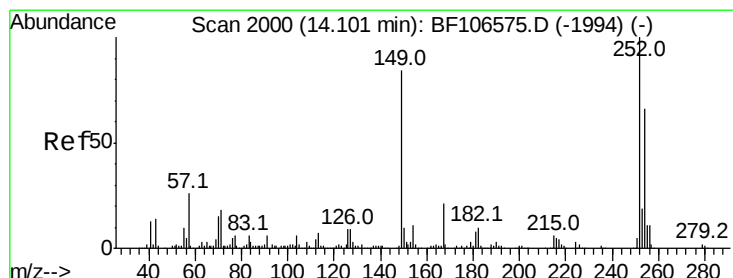
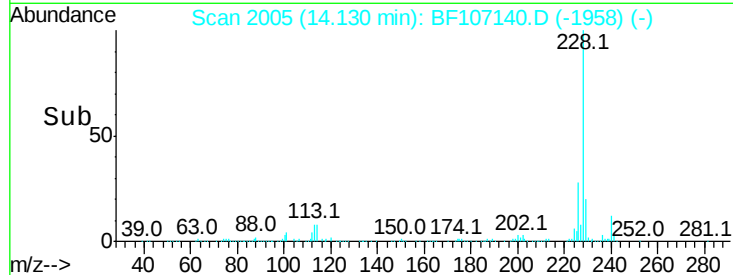
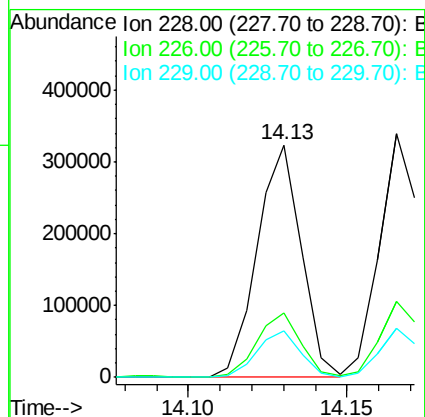
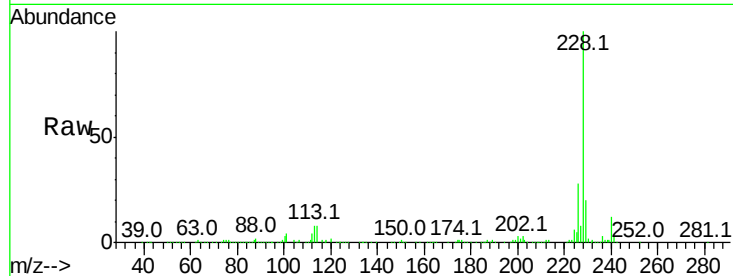




#80
Benzo(a)anthracene
Concen: 31.212 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

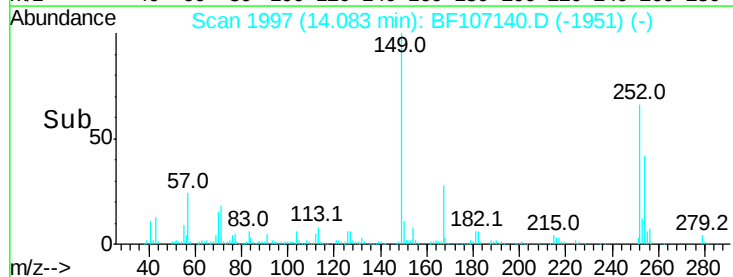
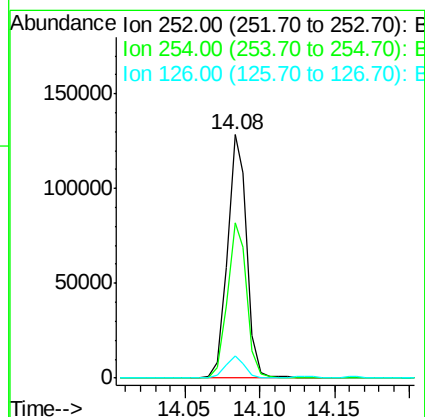
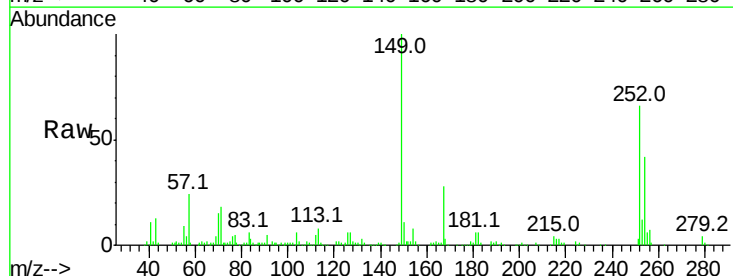
Instrument :
BNA_F
ClientSampleId :

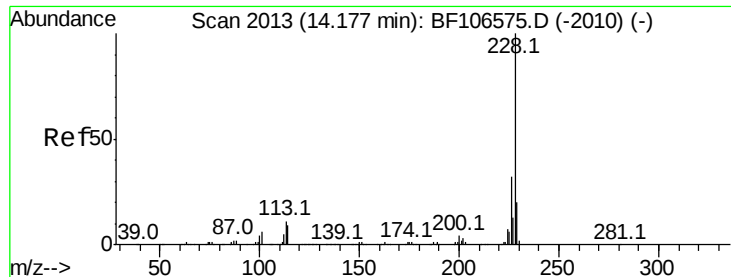
Tot Ion:228 Resp: 313179
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 20.1 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 33.389 ng
RT: 14.08 min Scan# 1997
Delta R.T. -0.03 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Tgt Ion:252 Resp: 117746
Ion Ratio Lower Upper
252 100
254 63.8 50.4 75.6
126 9.3 11.3 16.9#





#82

Chrysene

Concen: 31.771 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.03 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

Instrument :

BNA_F

ClientSampleId :

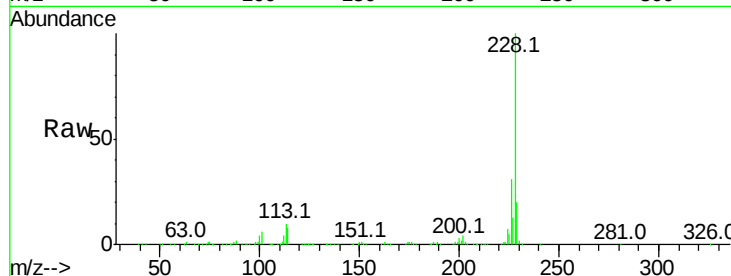
Tot Ion:228 Resp: 293274

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

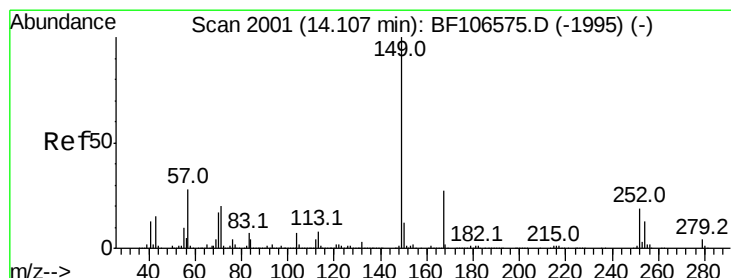
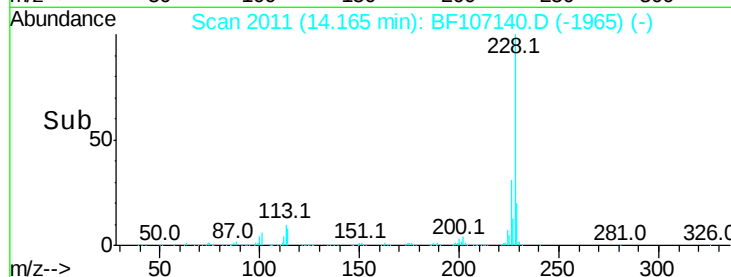
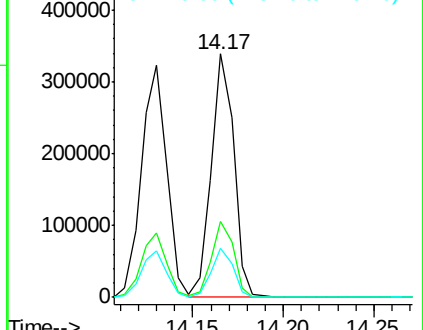
229 19.9 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 28.535 ng

RT: 14.08 min Scan# 1997

Delta R.T. -0.03 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

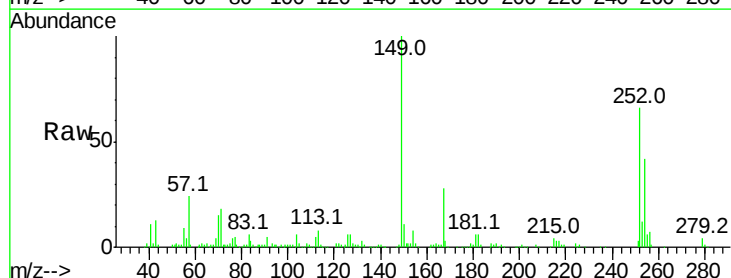
Tgt Ion:149 Resp: 162833

Ion Ratio Lower Upper

149 100

167 28.2 21.3 31.9

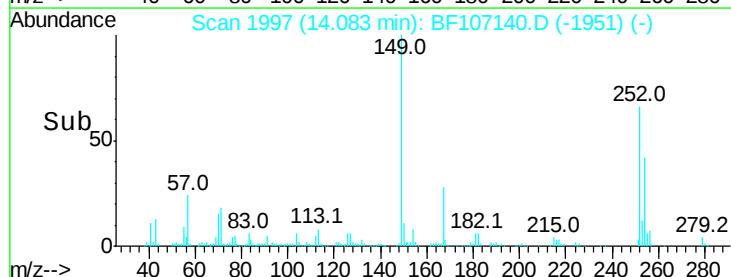
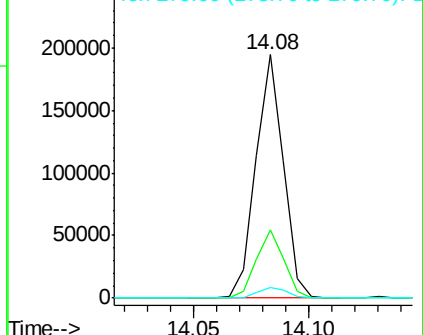
279 4.5 3.0 4.4#

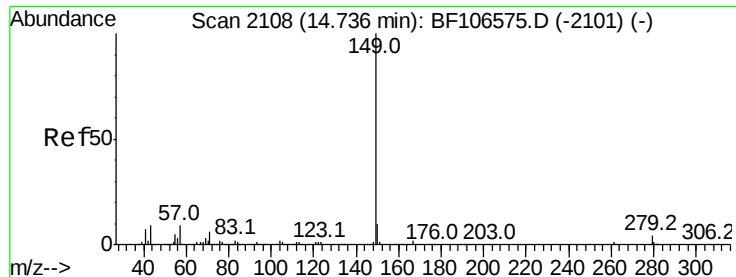


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

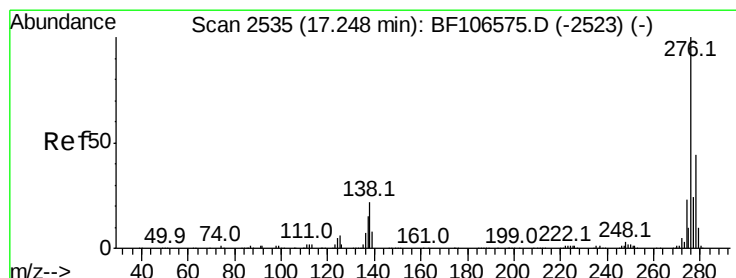
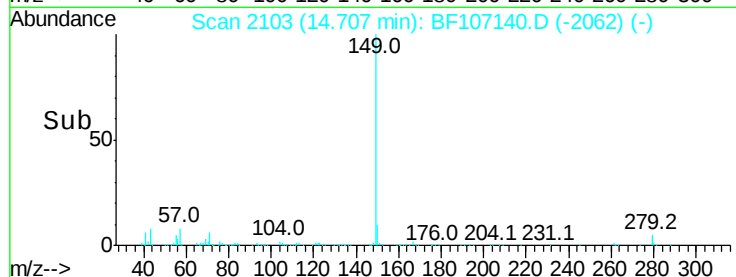
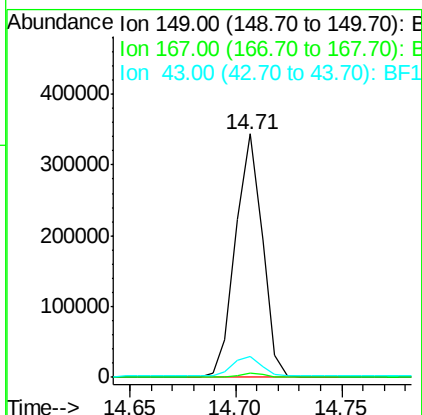
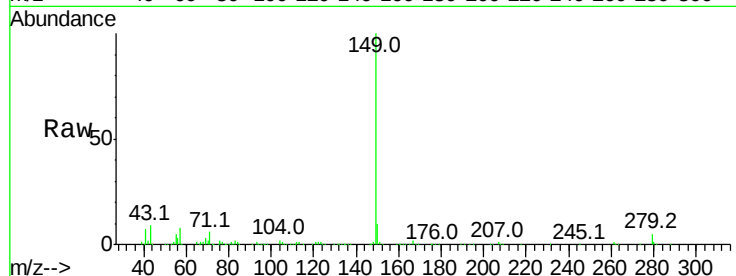




#84
Di-n-octyl phthalate
Concen: 32.421 ng
RT: 14.71 min Scan# 2103
Delta R.T. -0.06 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

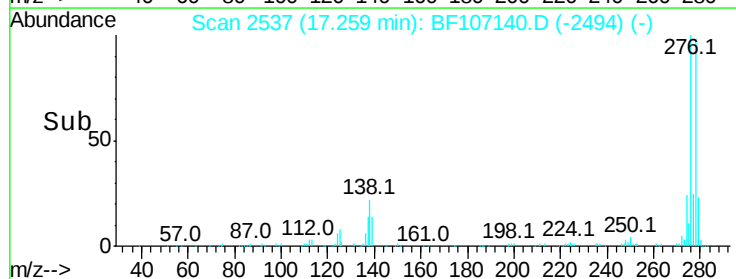
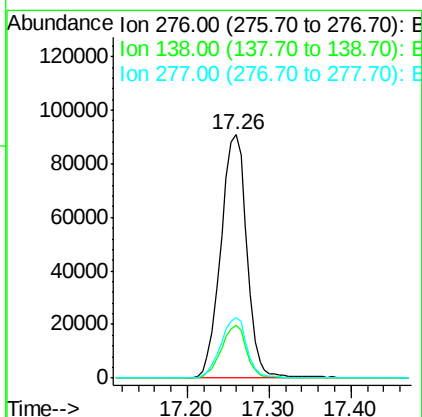
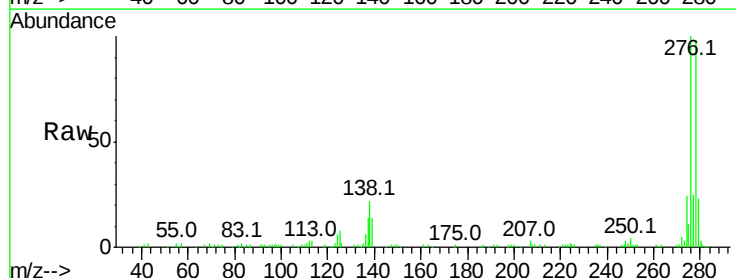
Instrument :
BNA_F
ClientSampleId :

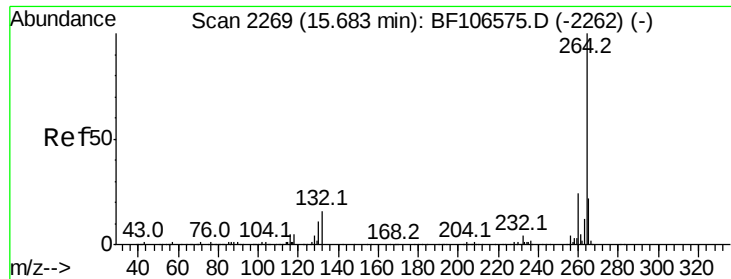
Tot Ion:149 Resp: 301578
Ion Ratio Lower Upper
149 100
167 1.9 1.2 1.8#
43 8.9 8.4 12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 25.851 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.05 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Tgt Ion:276 Resp: 202511
Ion Ratio Lower Upper
276 100
138 21.2 25.0 37.6#
277 25.0 20.1 30.1



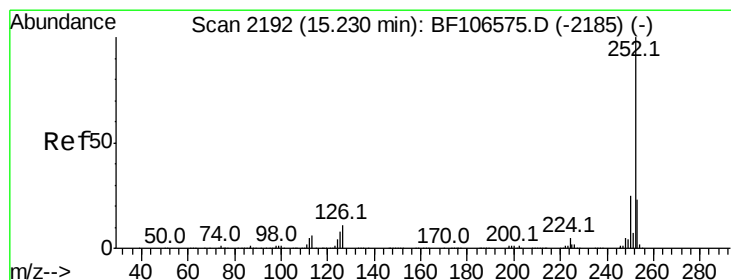
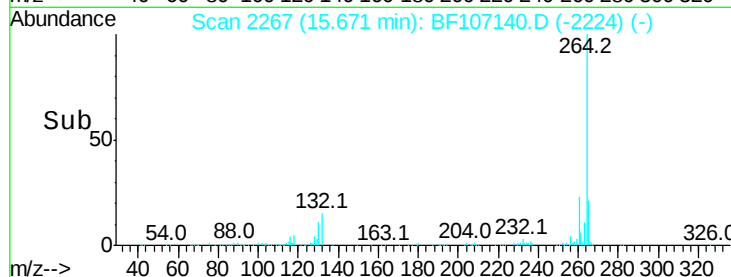
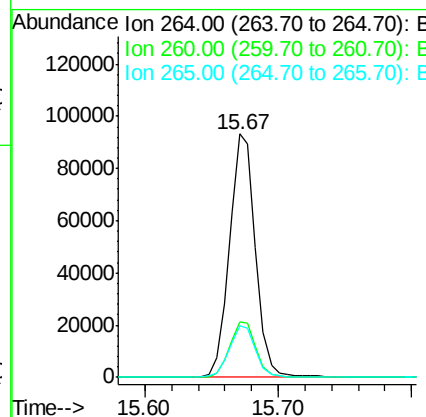
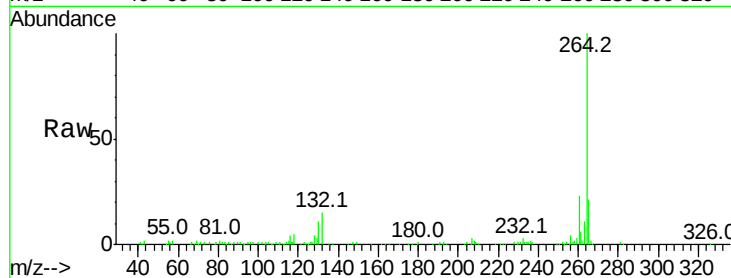


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 126870

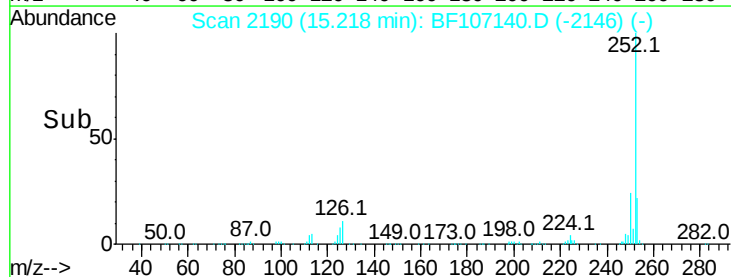
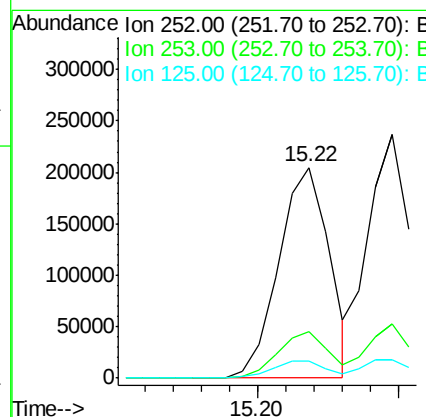
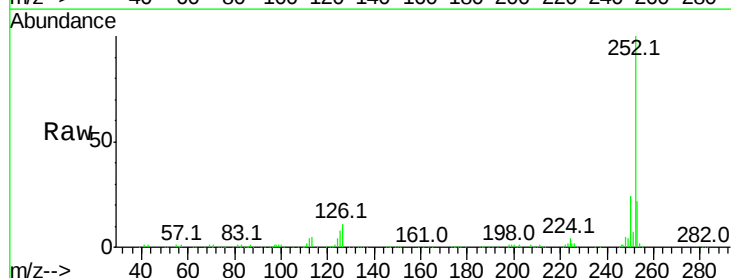
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.4	17.5	26.3

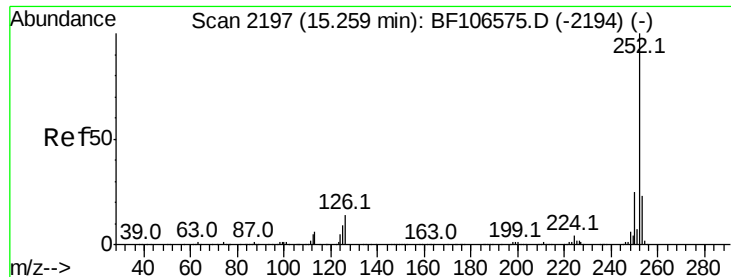


#87
Benzo(b)fluoranthene
Concen: 32.234 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Tgt Ion:252 Resp: 254036

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	8.1	9.0	13.6#

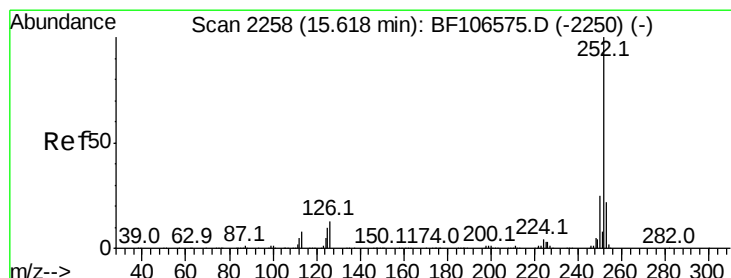
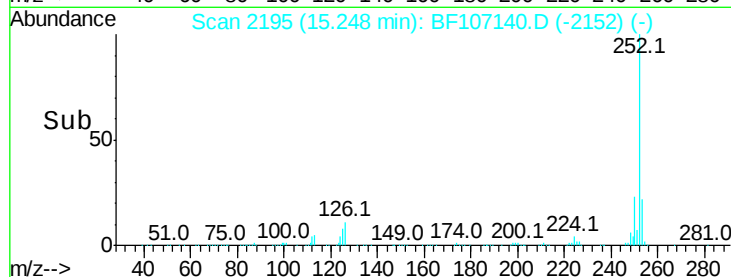
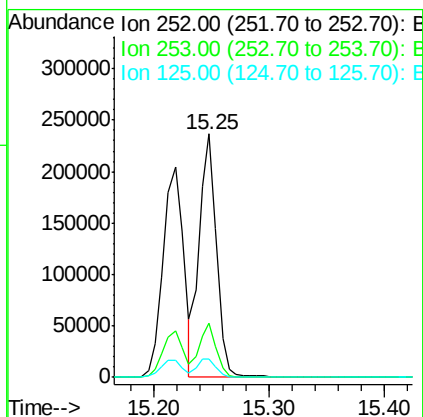
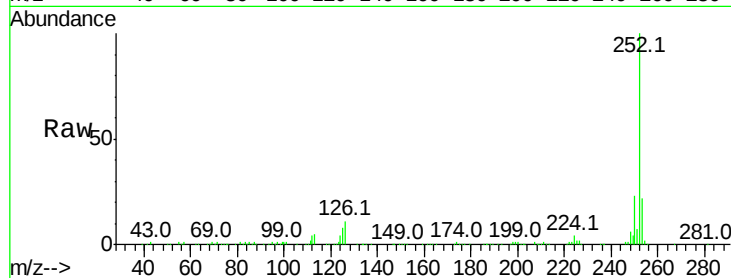




#88
Benzo(k)fluoranthene
Concen: 33.423 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.05 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

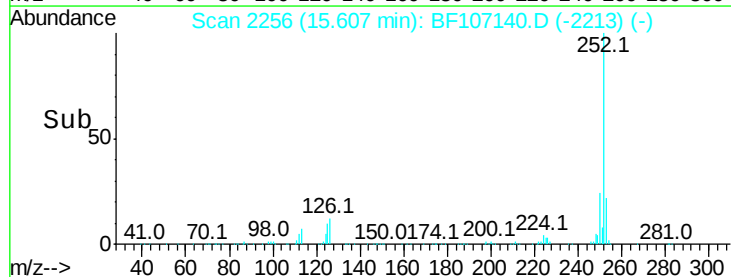
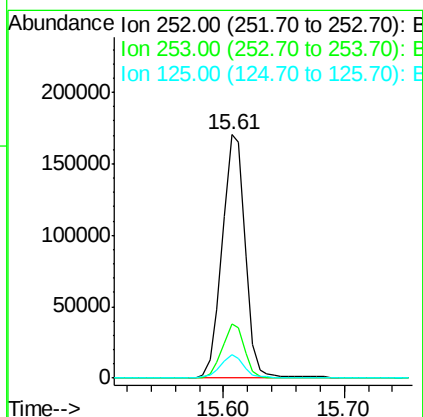
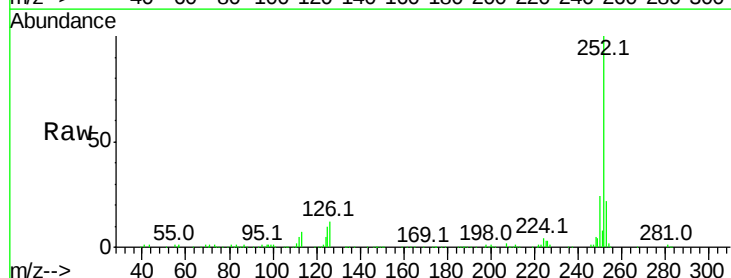
Instrument :
BNA_F
ClientSampleId :

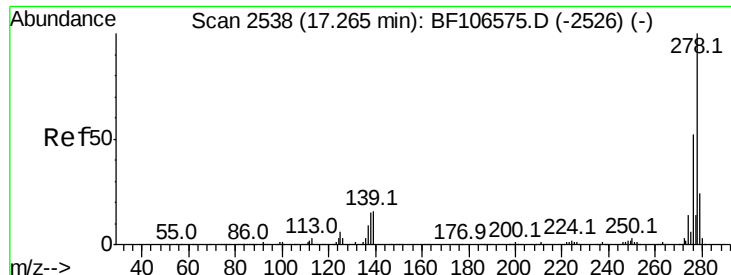
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	7.7	10.2	15.2#



#89
Benzo(a)pyrene
Concen: 32.137 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.05 min
Lab File: BF107140.D
Acq: 5 Jul 2018 21:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	9.8	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 29.036 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.06 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

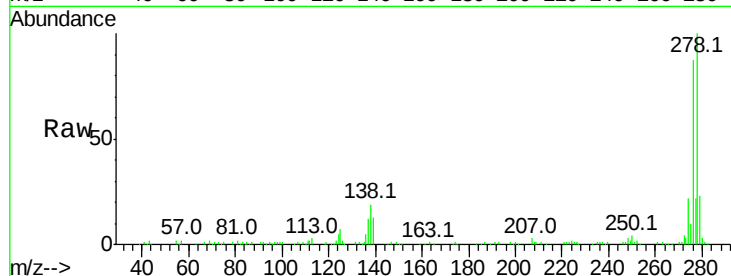
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 172406

Ion	Ratio	Lower	Upper
278	100		
139	12.8	15.9	23.9#
279	23.0	19.0	28.4

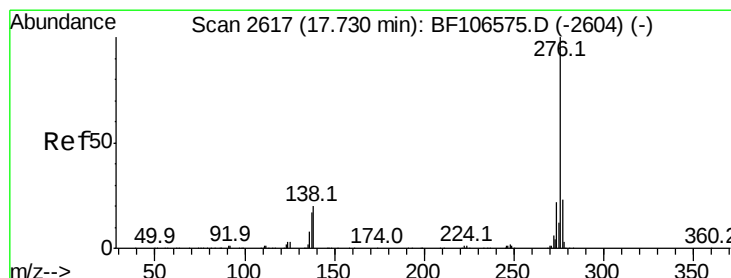
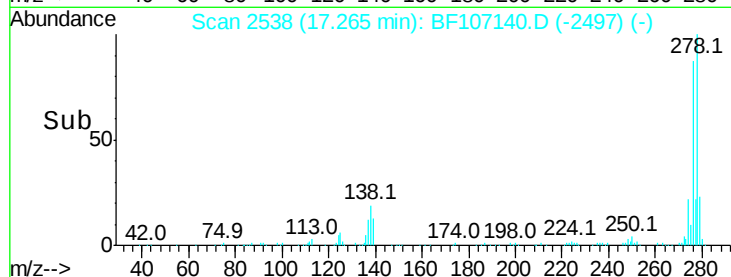
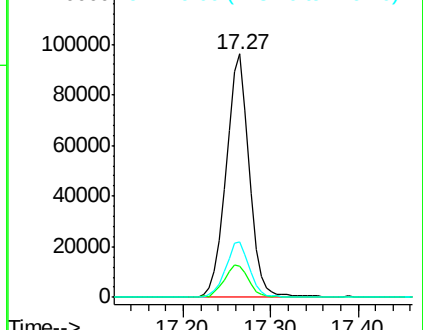


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 28.477 ng

RT: 17.74 min Scan# 2619

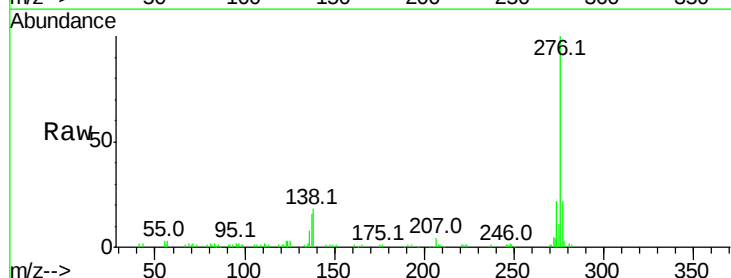
Delta R.T. -0.05 min

Lab File: BF107140.D

Acq: 5 Jul 2018 21:20

Tgt Ion:276 Resp: 165269

Ion	Ratio	Lower	Upper
276	100		
277	22.4	17.9	26.9
138	18.3	21.8	32.8#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

