

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
 Data File : BF106684.D
 Acq On : 22 Jun 2018 1:48
 Operator : JU/SJ
 Sample : J3523-03MSD 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AREA1(S)MSD

Quant Time: Jun 22 03:26:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	58826	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	214138	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	98824	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	192829	20.00	ng	0.00
75) Chrysene-d12	14.15	240	155183	20.00	ng	0.00
86) Perylene-d12	15.68	264	115851	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	97201	27.98	ng	0.00
7) Phenol-d6	6.60	99	123032	28.36	ng	0.00
23) Nitrobenzene-d5	7.52	82	71229	18.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	22062	19.26	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	132417	9.59	ng	-0.01
78) Terphenyl-d14	13.08	244	159866	24.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	13139	7.357	ng	97
3) Pyridine	3.61	79	38904	8.032	ng	94
4) n-Nitrosodimethylamine	3.54	42	15194	7.385	ng	81
6) Aniline	6.62	93	29777	5.060	ng	# 86
8) 2-Chlorophenol	6.75	128	32872	8.627	ng	98
9) Benzaldehyde	6.51	77	20617	5.624	ng	98
10) Phenol	6.61	94	47997	9.694	ng	98
11) bis(2-Chloroethyl)ether	6.69	93	34744	8.500	ng	99
12) 1,3-Dichlorobenzene	6.90	146	39774	8.912	ng	98
13) 1,4-Dichlorobenzene	6.98	146	40231	8.917	ng	97
14) 1,2-Dichlorobenzene	7.13	146	38306	9.264	ng	98
15) Benzyl Alcohol	7.10	79	28187	8.091	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.23	45	52257	9.744	ng	93
17) 2-Methylphenol	7.22	107	27799	8.525	ng	95
18) Hexachloroethane	7.47	117	5892	3.714	ng	# 89
19) n-Nitroso-di-n-propylamine	7.36	70	24238	8.476	ng	95
20) 3+4-Methylphenols	7.37	107	36493	7.916	ng	90
22) Acetophenone	7.37	105	50253	10.489	ng	# 98
24) Nitrobenzene	7.54	77	34910	8.874	ng	99
25) Isophorone	7.78	82	62933	9.269	ng	99
26) 2-Nitrophenol	7.86	139	7007	3.773	ng	96
27) 2,4-Dimethylphenol	7.90	122	27964	9.742	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	40845	8.959	ng	98
29) 2,4-Dichlorophenol	8.11	162	25961	8.639	ng	93
30) 1,2,4-Trichlorobenzene	8.18	180	31210	9.427	ng	96
31) Naphthalene	8.27	128	102973	10.285	ng	99
32) Benzoic acid	7.90	122	27964	17.525	ng	# 14
33) 4-Chloroaniline	8.31	127	25523	6.076	ng	98
34) Hexachlorobutadiene	8.38	225	20559	9.531	ng	99
35) Caprolactam	8.65	113	7050	7.197	ng	93
36) 4-Chloro-3-methylphenol	8.80	107	25383	8.025	ng	96
37) 2-Methylnaphthalene	8.96	142	70063	10.558	ng	94
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	32863	9.874	ng	# 95
42) 2,4,6-Trichlorophenol	9.24	196	10939	4.945	ng	91

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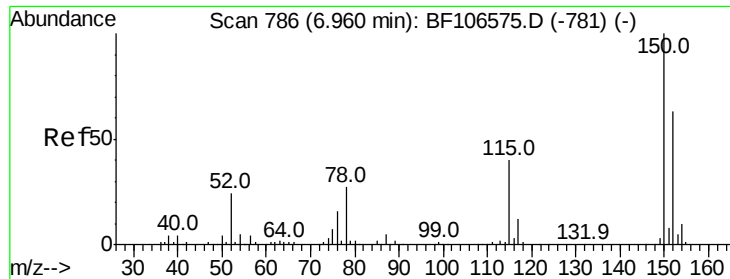
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	9.29	196	15631	6.771	ng	# 88
45) 1,1'-Biphenyl	9.42	154	77661	9.861	ng	96
46) 2-Chloronaphthalene	9.45	162	53852	8.687	ng	93
47) 2-Nitroaniline	9.54	65	18278	8.768	ng	86
48) Acenaphthylene	9.87	152	87238	8.913	ng	100
49) Dimethylphthalate	9.71	163	86665	11.693	ng	97
50) 2,6-Dinitrotoluene	9.78	165	9460	6.027	ng	97
51) Acenaphthene	10.04	154	58718	9.527	ng	97
52) 3-Nitroaniline	9.95	138	15519	8.593	ng	94
54) Dibenzofuran	10.21	168	87555	10.374	ng	94
55) 4-Nitrophenol	10.15	139	1995	1.582	ng	95
56) 2,4-Dinitrotoluene	10.19	165	10245	5.001	ng	# 87
57) Fluorene	10.55	166	72638	10.846	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	4140	2.256	ng	# 66
59) Diethylphthalate	10.41	149	59295	8.289	ng	# 94
60) 4-Chlorophenyl-phenylether	10.54	204	30887	8.815	ng	# 84
61) 4-Nitroaniline	10.57	138	17472	9.748	ng	97
62) Azobenzene	10.70	77	54735	7.770	ng	92
64) 4,6-Dinitro-2-methylphenol	10.33	198	126	0.106	ng	# 23
65) n-Nitrosodiphenylamine	10.65	169	54915	8.467	ng	95
66) 4-Bromophenyl-phenylether	11.03	248	20398	8.864	ng	# 83
67) Hexachlorobenzene	11.10	284	20893	8.674	ng	# 87
68) Atrazine	11.18	200	18021	8.740	ng	94
69) Pentachlorophenol	11.30	266	849	0.706	ng	95
70) Phenanthrene	11.52	178	195521	21.023	ng	99
71) Anthracene	11.57	178	122234	12.876	ng	99
72) Carbazole	11.73	167	93572	10.528	ng	97
73) Di-n-butylphthalate	12.04	149	95781	9.148	ng	99
74) Fluoranthene	12.71	202	221887	21.645	ng	96
76) Benzidine	12.84	184	23534	5.325	ng	99
77) Pyrene	12.95	202	208549	20.380	ng	99
79) Butylbenzylphthalate	13.55	149	42036	9.991	ng	# 94
80) Benzo(a)anthracene	14.14	228	125857	13.307	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	23375	7.032	ng	# 93
82) Chrysene	14.17	228	116215	13.356	ng	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	66335	12.332	ng	98
84) Di-n-octyl phthalate	14.73	149	86003	9.809	ng	# 98
85) Indeno(1,2,3-cd)pyrene	17.25	276	72819	9.862	ng	# 90
87) Benzo(b)fluoranthene	15.22	252	96638	13.428	ng	96
88) Benzo(k)fluoranthene	15.25	252	70240	10.249	ng	98
89) Benzo(a)pyrene	15.62	252	79084	12.361	ng	97
90) Dibenzo(a,h)anthracene	17.27	278	50892	9.386	ng	96
91) Benzo(g,h,i)perylene	17.74	276	62215	11.740	ng	# 90

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

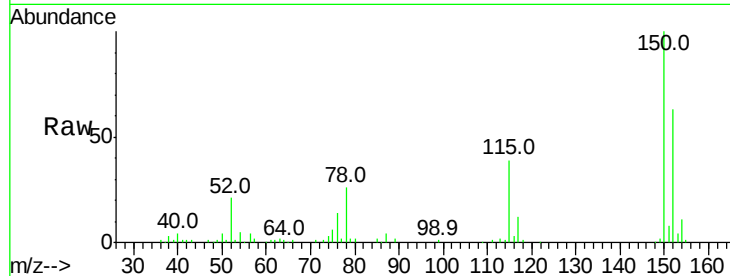


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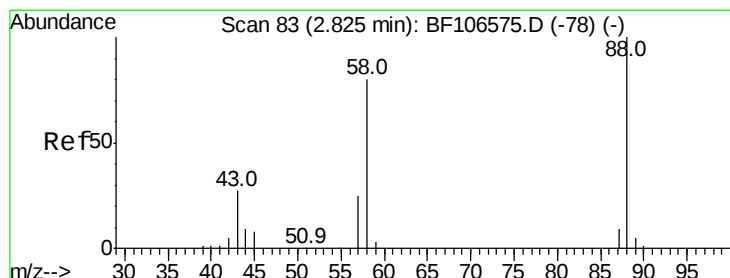
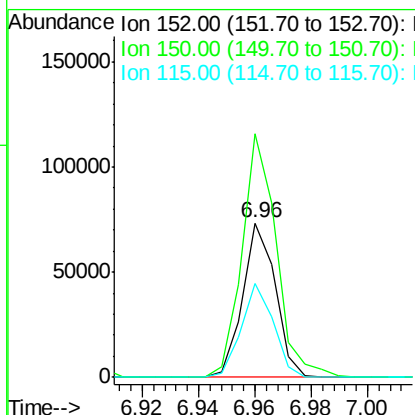
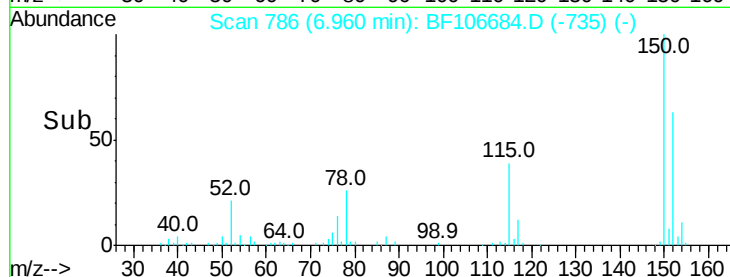
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tot Ion:152 Resp: 58826
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 61.2 50.1 75.1



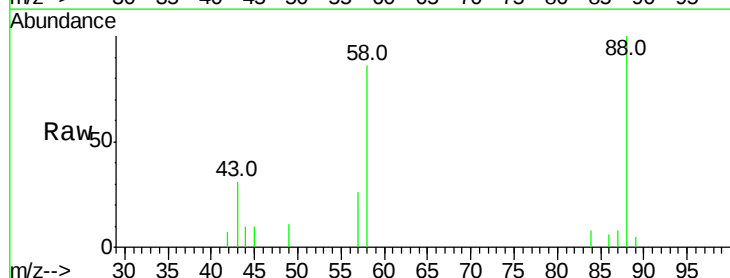
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



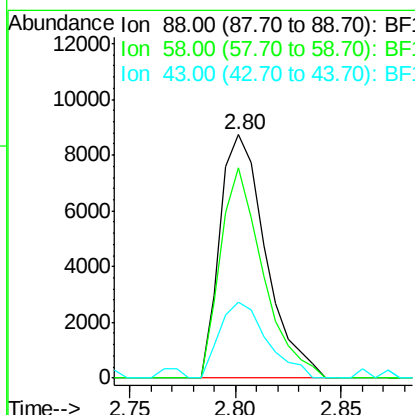
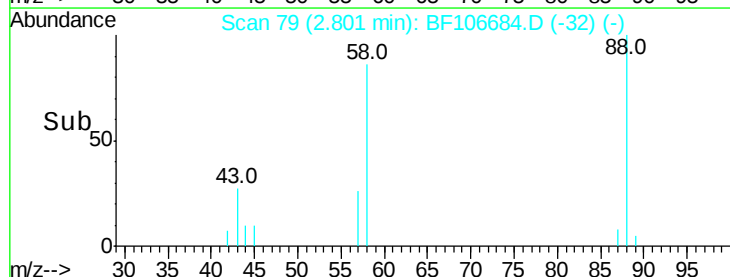
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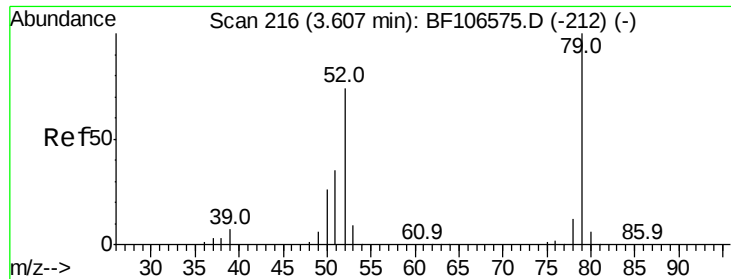
1,4-Dioxane
Concen: 7.357 ng
RT: 2.80 min Scan# 79
Delta R.T. -0.02 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion: 88 Resp: 13139
Ion Ratio Lower Upper
88 100
58 80.2 62.6 93.8
43 32.4 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: 8.032 ng

RT: 3.61 min Scan# 216

Delta R.T. 0.00 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

AREA1(S)MSD

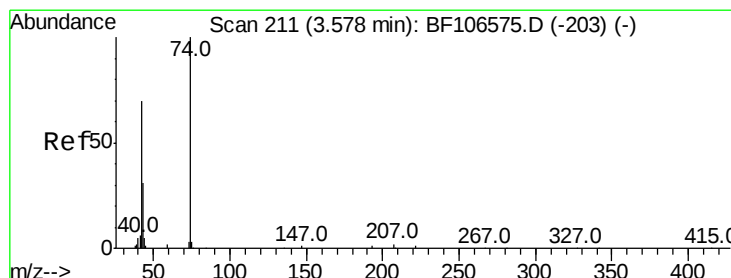
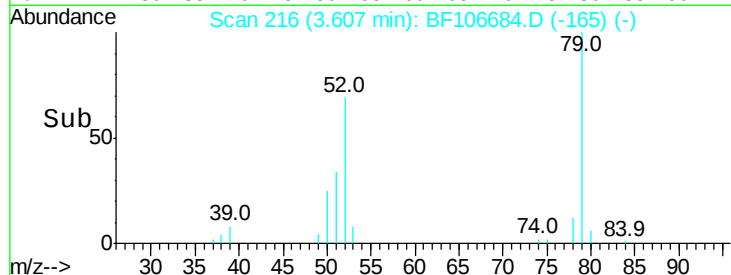
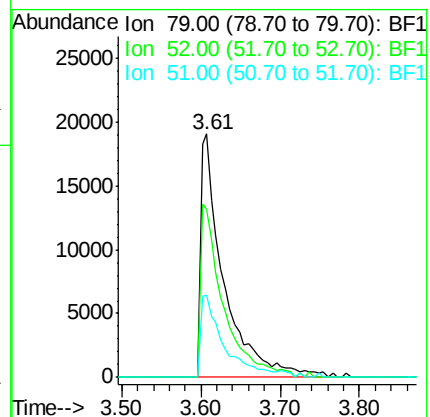
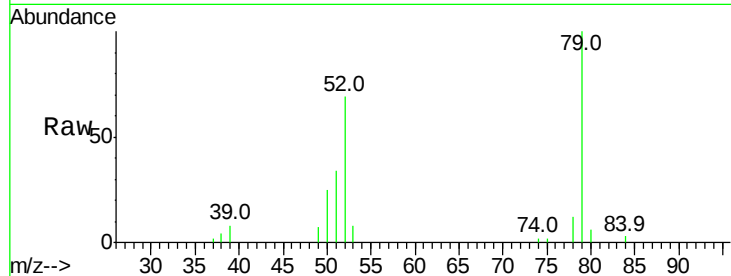
Tot Ion: 79 Resp: 38904

Ion Ratio Lower Upper

79 100

52 69.3 59.8 89.6

51 34.0 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 7.385 ng

RT: 3.54 min Scan# 204

Delta R.T. -0.04 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

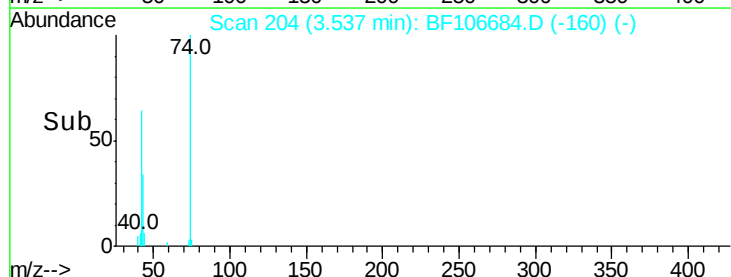
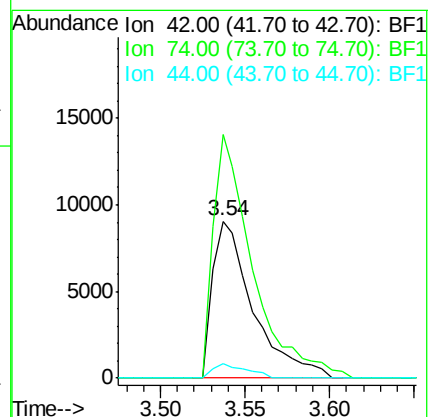
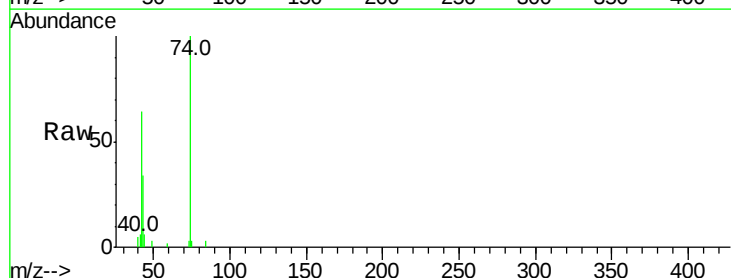
Tgt Ion: 42 Resp: 15194

Ion Ratio Lower Upper

42 100

74 155.1 104.9 157.3

44 9.1 6.9 10.3





#5

2-Fluorophenol

Concen: 27.979 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

AREA1(S)MSD

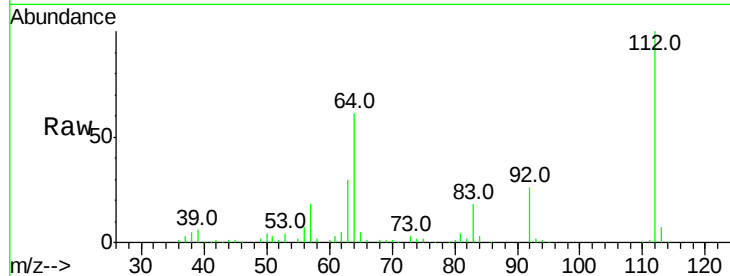
Tot Ion:112 Resp: 97201

Ion Ratio Lower Upper

112 100

64 61.2 47.9 71.9

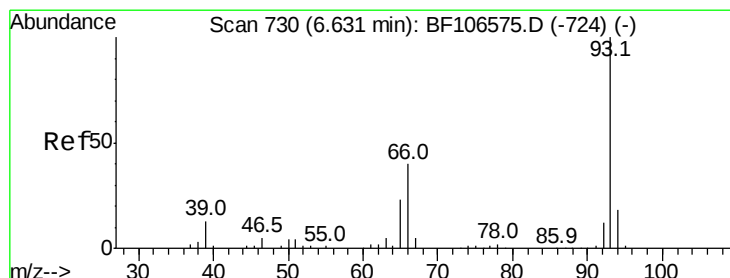
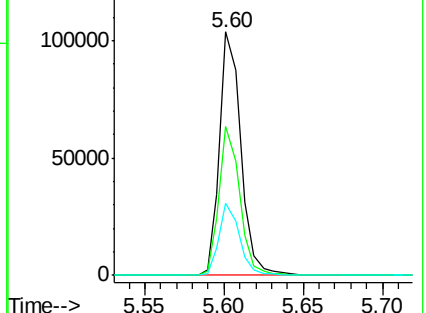
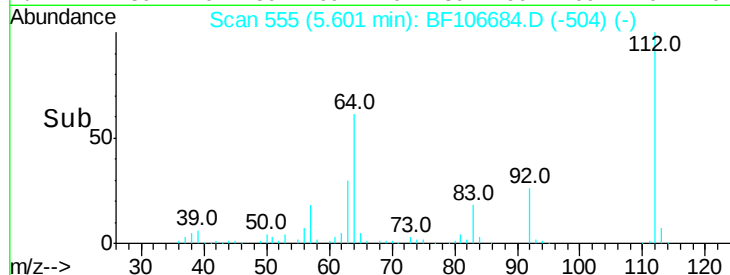
63 29.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 5.060 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

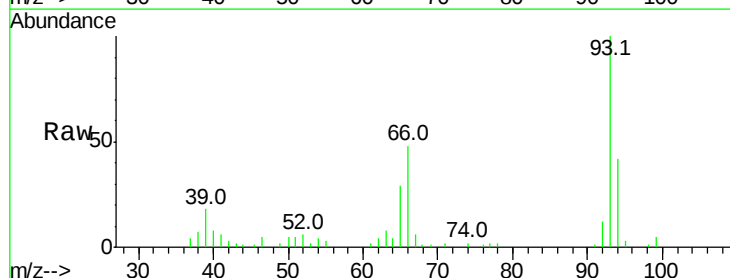
Tgt Ion: 93 Resp: 29777

Ion Ratio Lower Upper

93 100

66 47.8 32.2 48.2

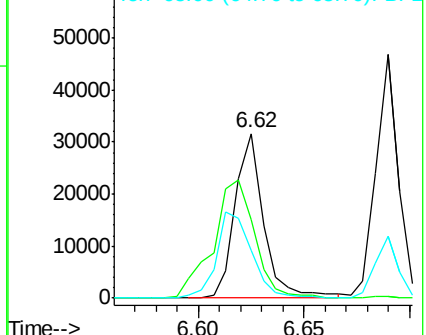
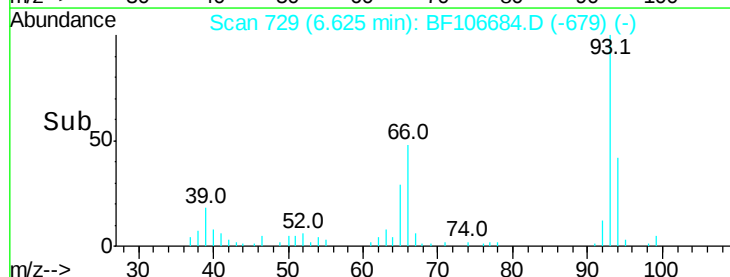
65 28.8 16.4 24.6#



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: 28.359 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

Instrument :

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ClientSampleId :

AREA1(S)MSD

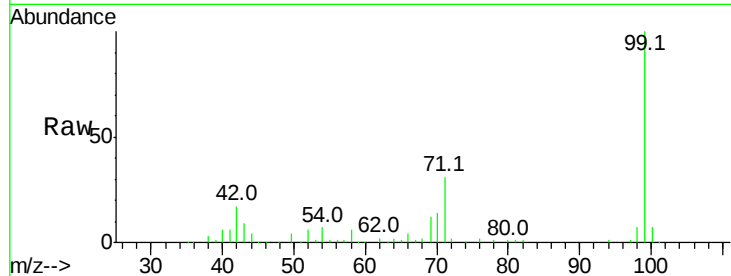
Tot Ion: 99 Resp: 123032

Ion Ratio Lower Upper

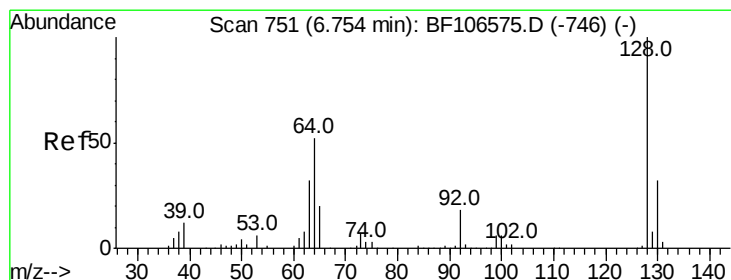
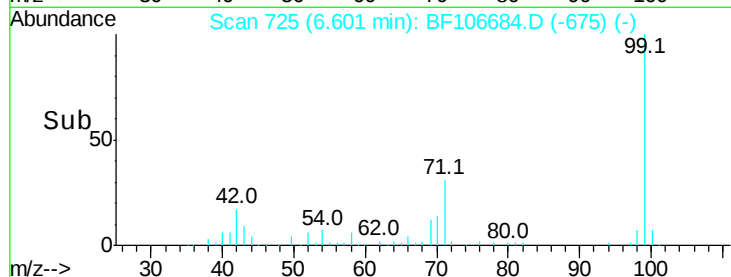
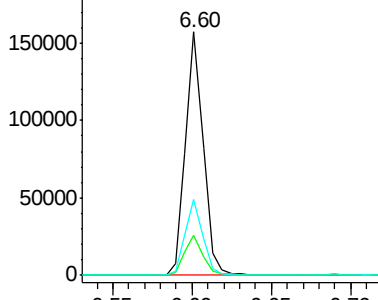
99 100

42 16.5 14.5 21.7

71 30.9 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: 8.627 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

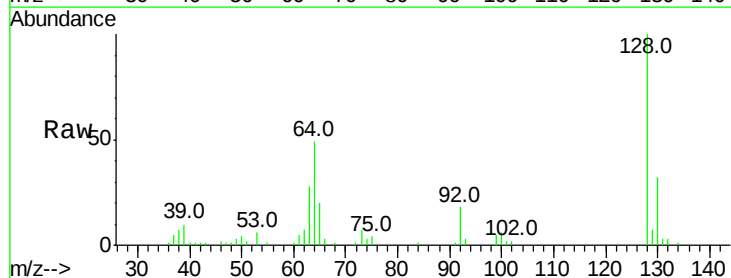
Tgt Ion: 128 Resp: 32872

Ion Ratio Lower Upper

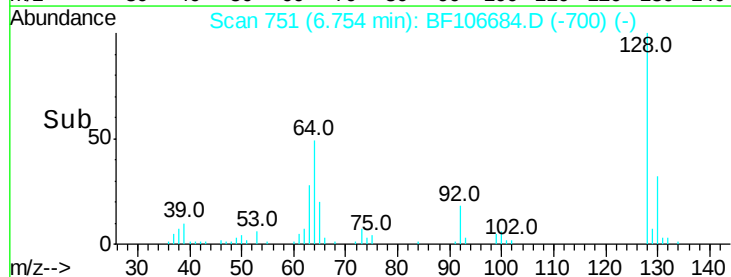
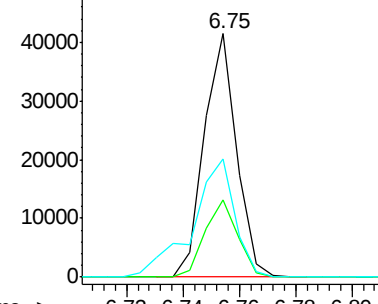
128 100

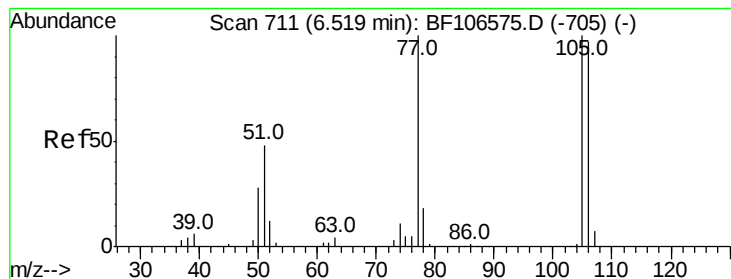
130 31.8 13.0 53.0

64 48.6 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 5.624 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF106684.D

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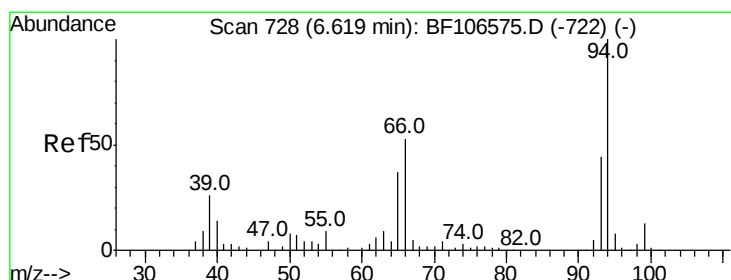
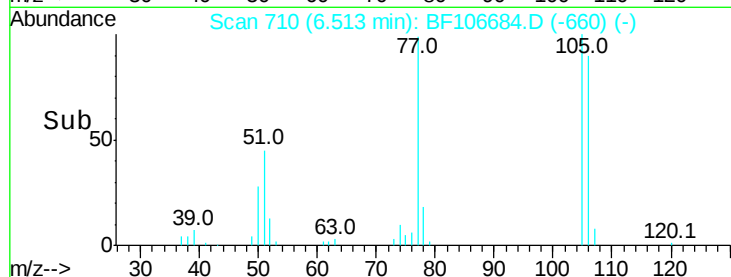
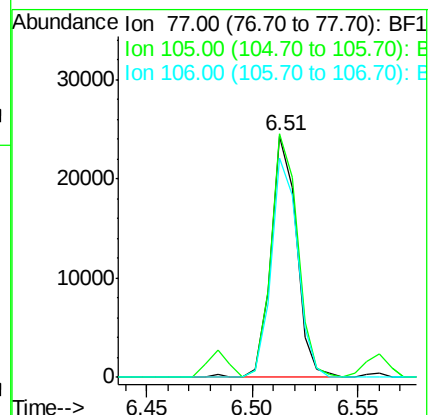
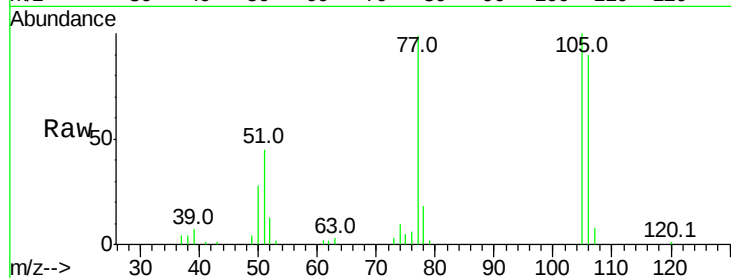
Tot Ion: 77 Resp: 20617

Ion Ratio Lower Upper

77 100

105 100.8 81.1 121.1

106 90.9 74.5 114.5



#10

Phenol

Concen: 9.694 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

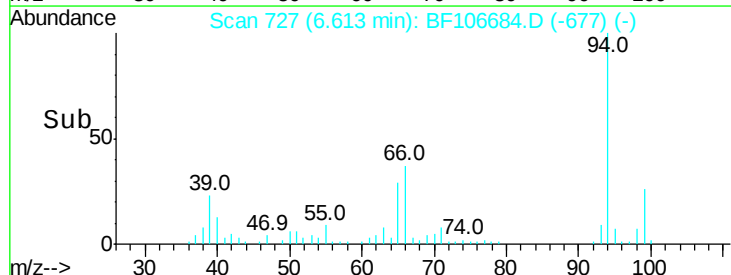
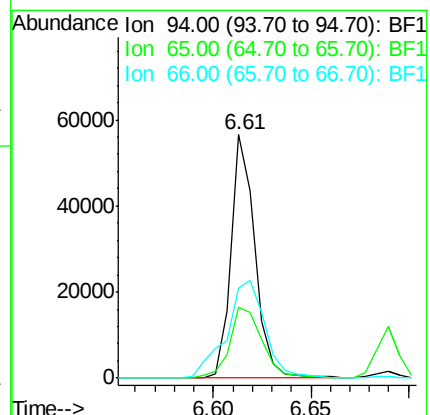
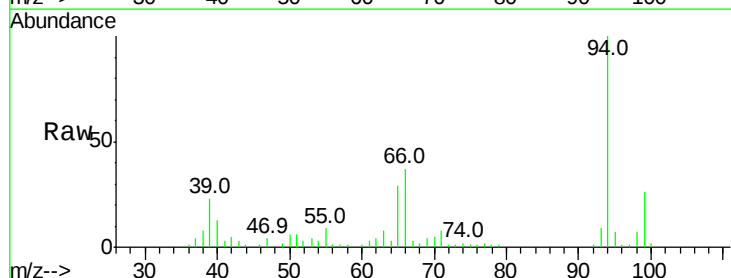
Tgt Ion: 94 Resp: 47997

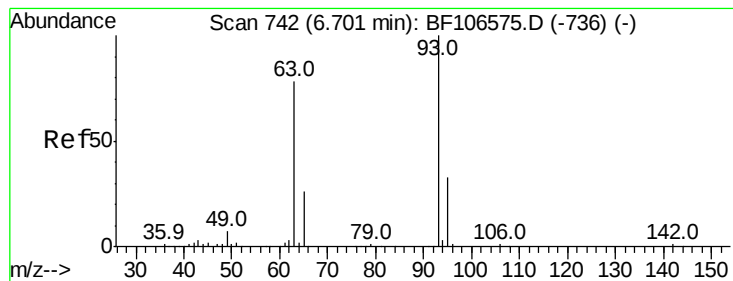
Ion Ratio Lower Upper

94 100

65 29.1 7.9 47.9

66 37.1 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 8.500 ng

RT: 6.69 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

Instrument :

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ClientSampleId :

AREA1(S)MSD

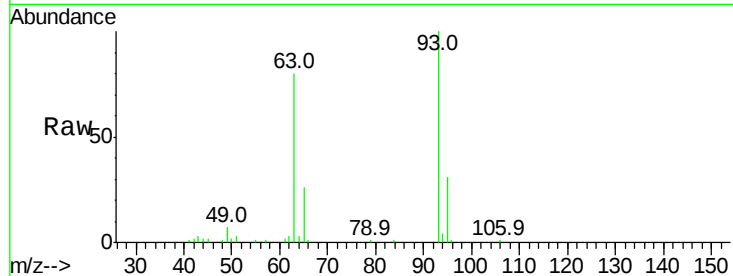
Tot Ion: 93 Resp: 34744

Ion Ratio Lower Upper

93 100

63 79.8 58.6 98.6

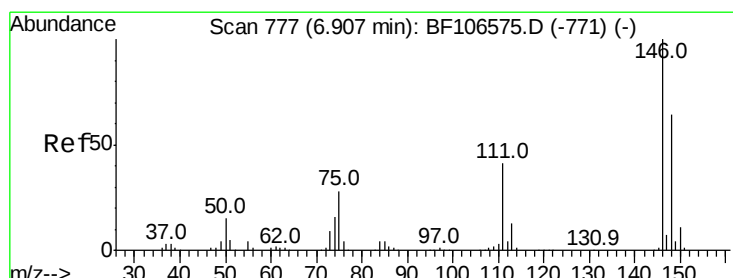
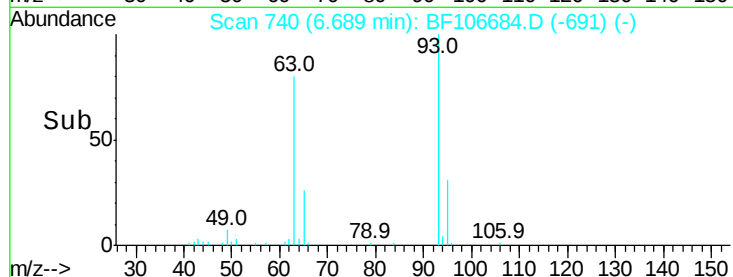
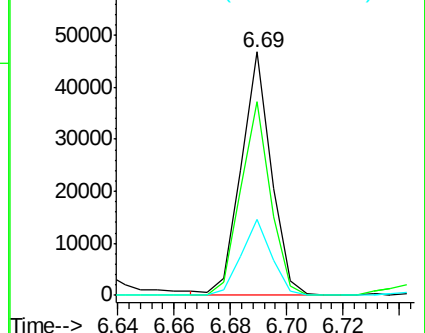
95 31.1 11.8 51.8



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: 8.912 ng

RT: 6.90 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

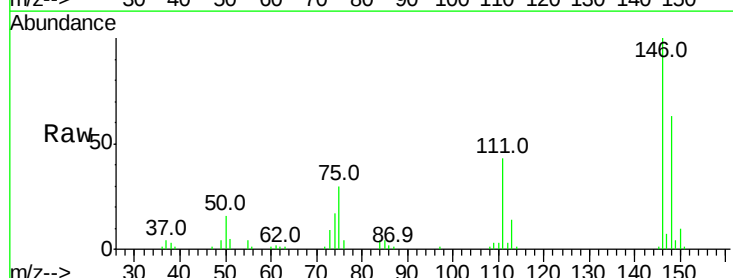
Tgt Ion: 146 Resp: 39774

Ion Ratio Lower Upper

146 100

148 62.9 51.8 77.8

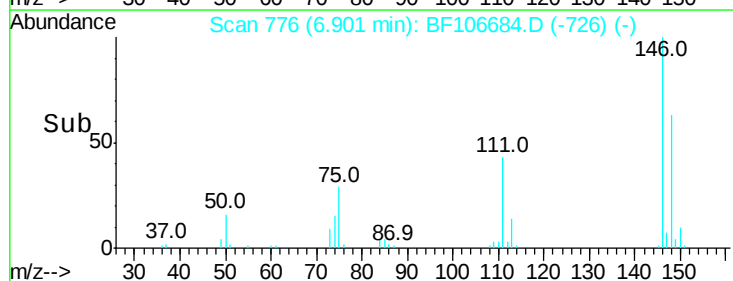
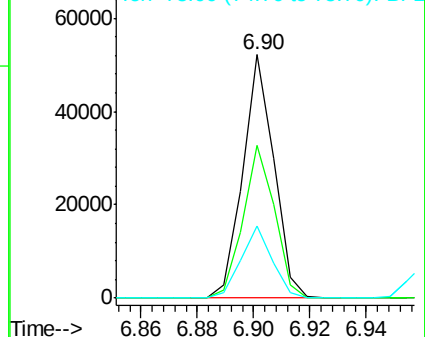
75 29.7 24.2 36.4

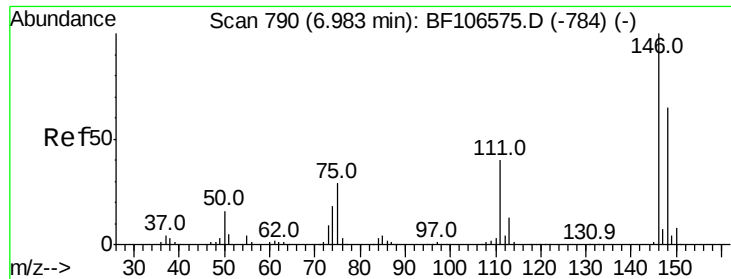


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

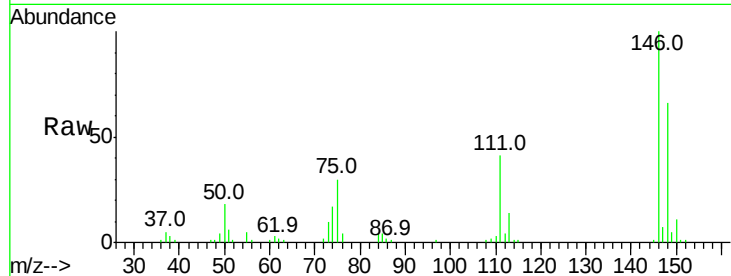




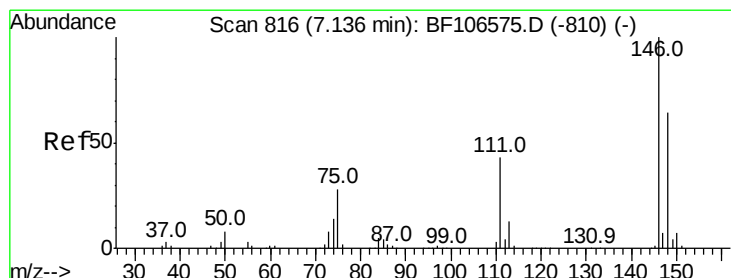
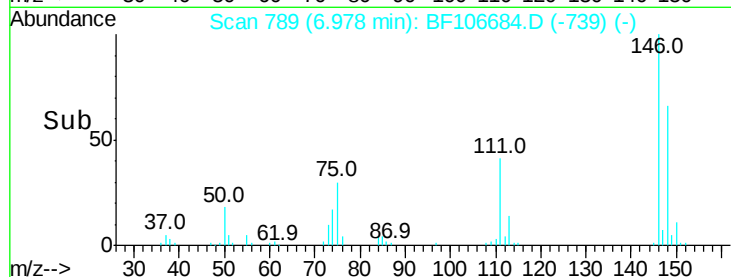
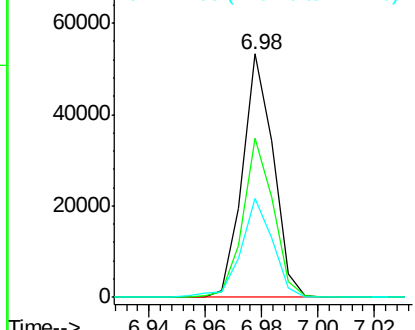
#13
 1,4-Dichlorobenzene
 Concen: 8.917 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF106684.D
 Acq: 22 Jun 2018 1:48

Instrument :
 BNA_F
 ClientSampleId :
 AREA1(S)MSD

Tot Ion:146 Resp: 40231
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.8 76.2
 111 40.5 34.2 51.2

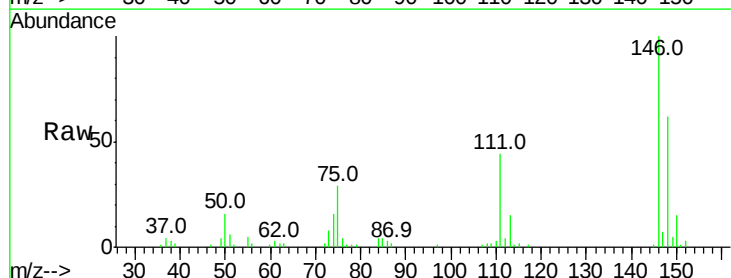


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

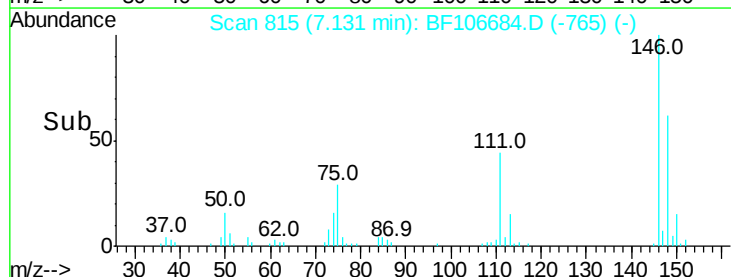
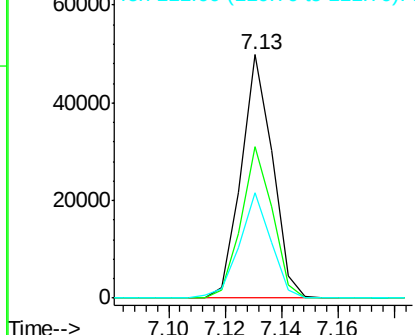


#14
 1,2-Dichlorobenzene
 Concen: 9.264 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF106684.D
 Acq: 22 Jun 2018 1:48

Tgt Ion:146 Resp: 38306
 Ion Ratio Lower Upper
 146 100
 148 62.1 50.6 75.8
 111 43.5 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

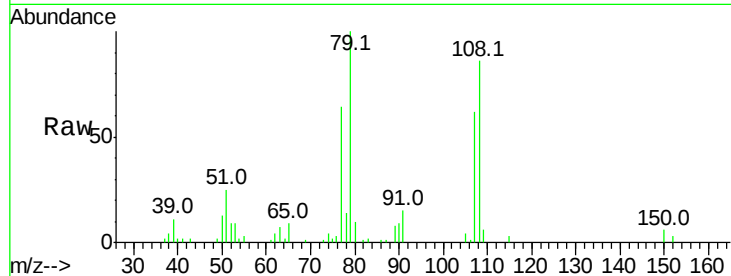




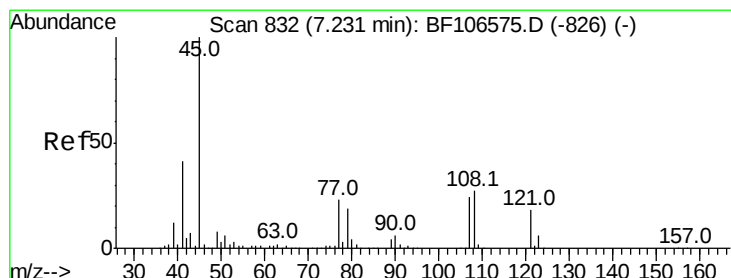
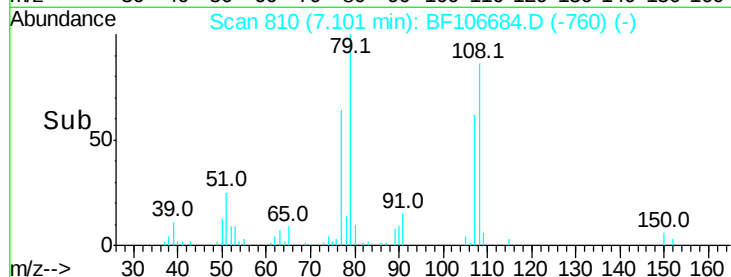
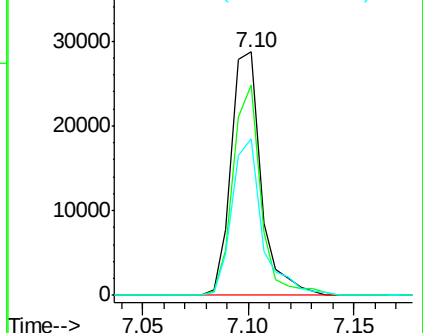
#15
Benzyl Alcohol
Concen: 8.091 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tot Ion: 79 Resp: 28187
Ion Ratio Lower Upper
79 100
108 86.2 65.1 97.7
77 64.1 50.6 75.8

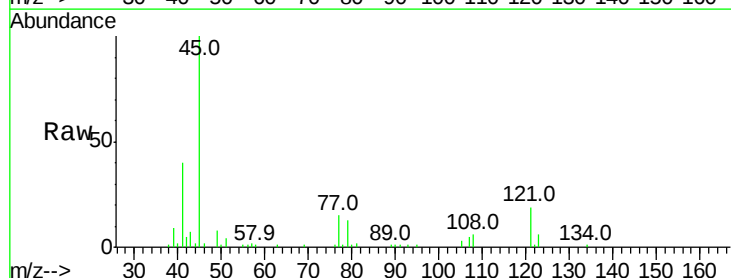


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

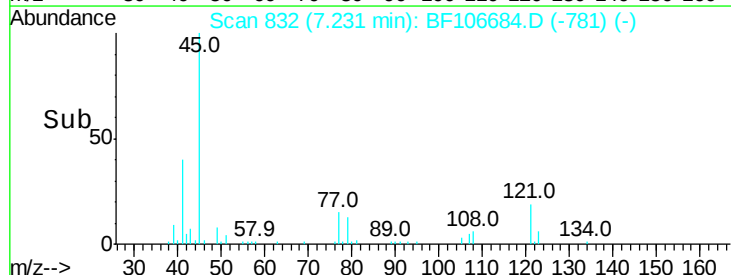
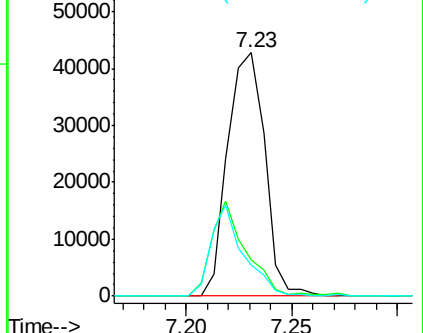


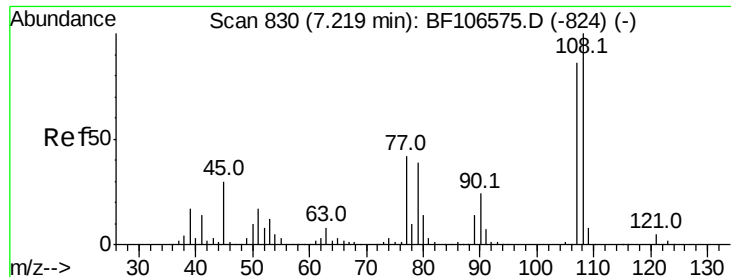
#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.744 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion: 45 Resp: 52257
Ion Ratio Lower Upper
45 100
77 15.0 0.0 32.9
79 12.9 0.0 29.6



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

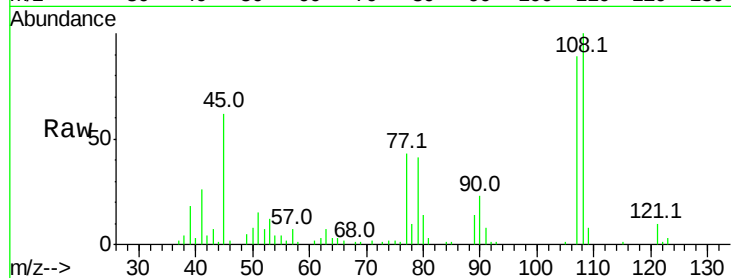




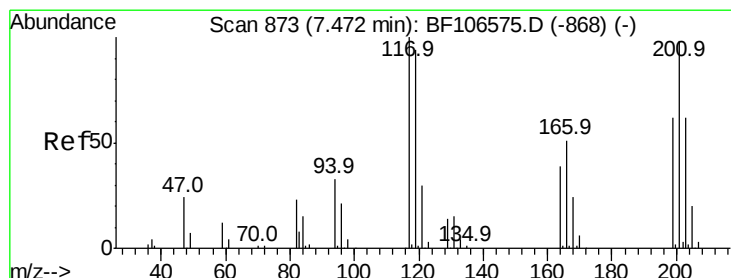
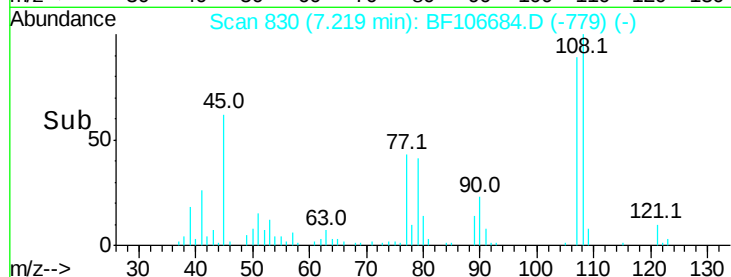
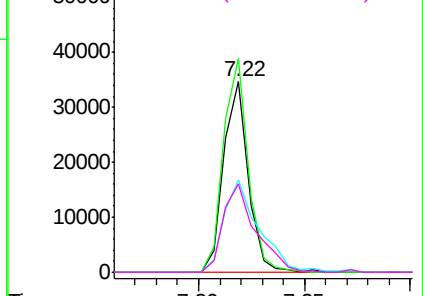
#17
2-Methylphenol
Concen: 8.525 ng
RT: 7.22 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tot Ion:107 Resp: 27799
Ion Ratio Lower Upper
107 100
108 112.0 91.7 137.5
77 48.2 33.8 50.8
79 46.1 33.8 50.8

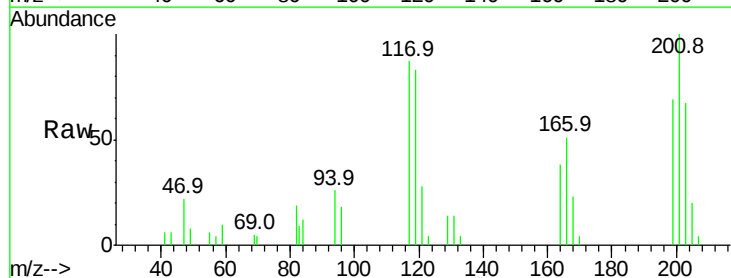


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

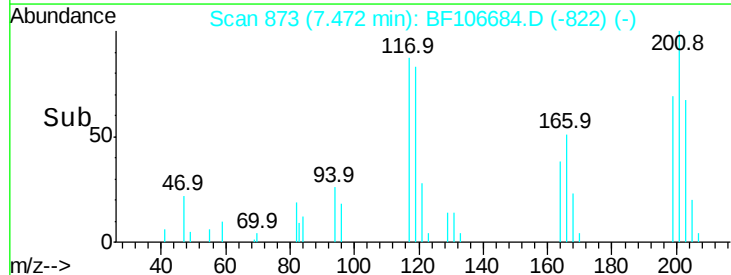
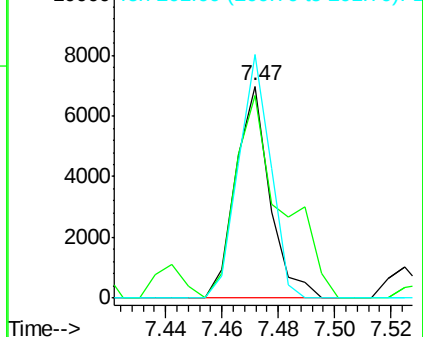


#18
Hexachloroethane
Concen: 3.714 ng
RT: 7.47 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:117 Resp: 5892
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.8
201 115.0 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

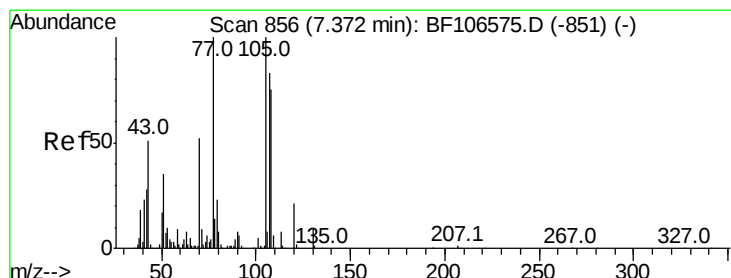
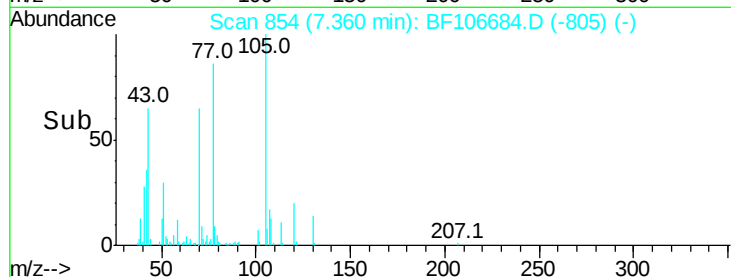
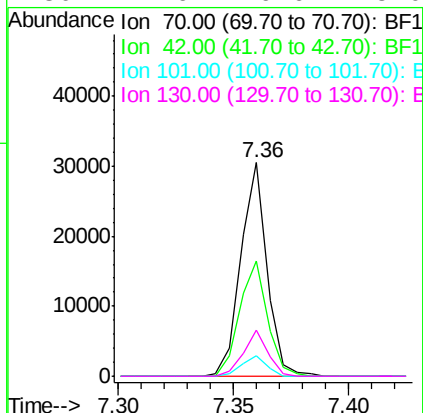
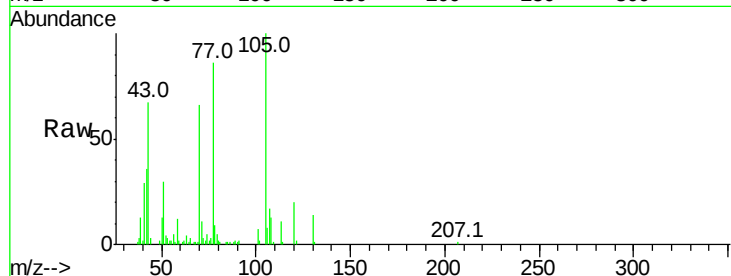




#19
n-Nitroso-di-n-propylamine
Concen: 8.476 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

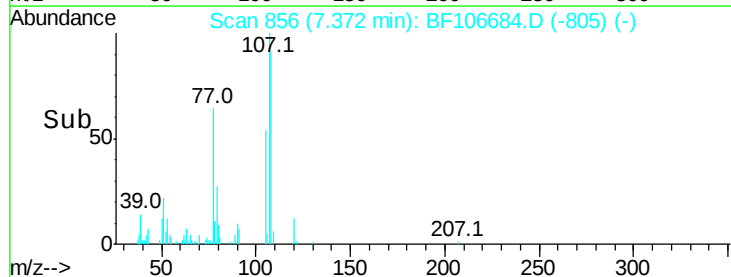
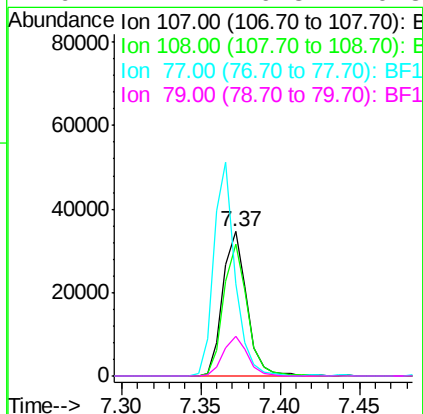
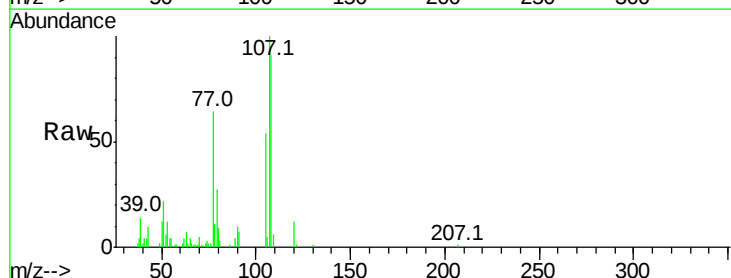
Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

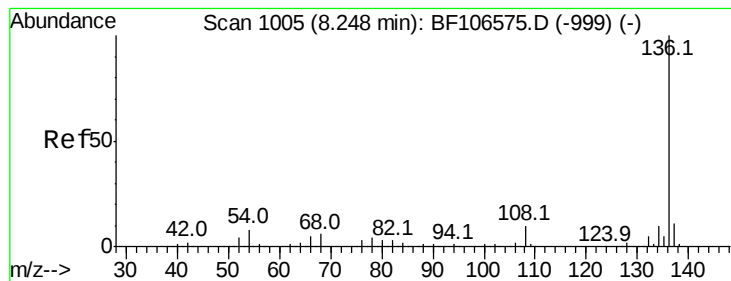
Tot Ion: 70 Resp: 24238
Ion Ratio Lower Upper
70 100
42 54.1 47.5 71.3
101 9.9 7.4 11.2
130 21.6 16.6 25.0



#20
3+4-Methylphenols
Concen: 7.916 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion: 107 Resp: 36493
Ion Ratio Lower Upper
107 100
108 91.3 68.2 108.2
77 63.9 26.7 66.7
79 27.1 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

AREA1(S)MSD

Tot Ion:136 Resp: 214138

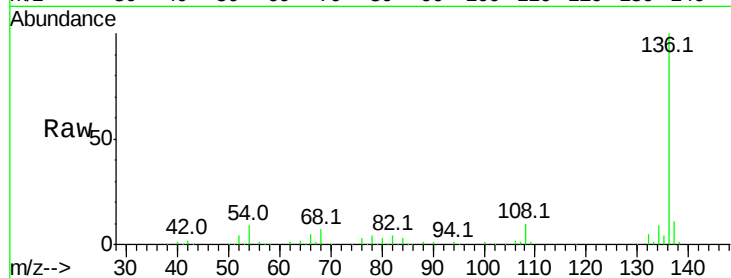
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.6 6.6 9.8

68 6.9 5.0 7.4

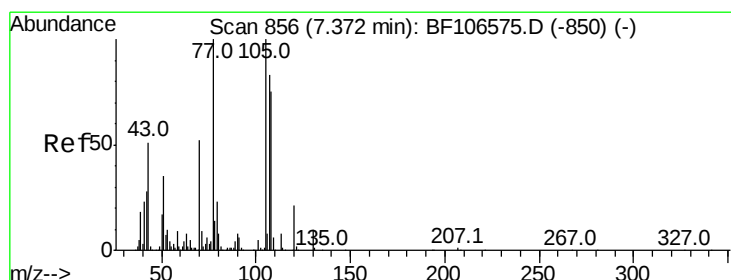
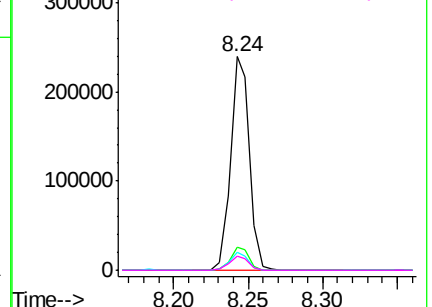
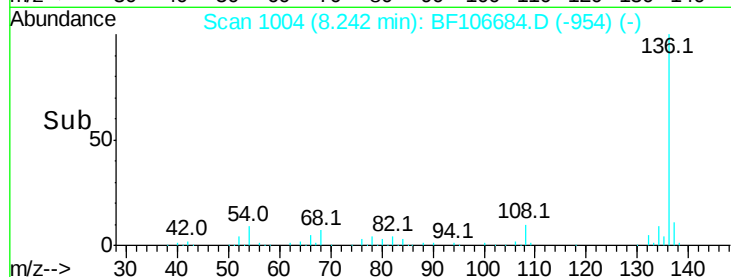


Abundance Ion 136.00 (135.70 to 136.70): E

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: 10.489 ng

RT: 7.37 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

Tgt Ion:105 Resp: 50253

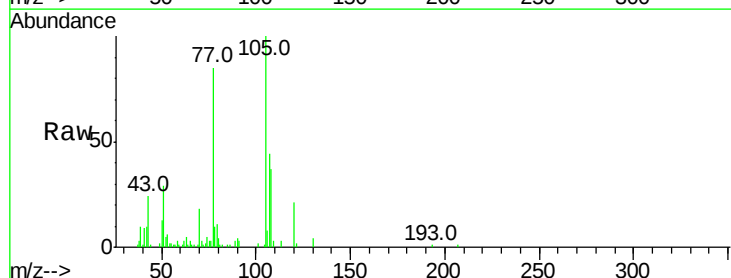
Ion Ratio Lower Upper

105 100

71 2.6 4.4 6.6#

51 29.2 22.3 33.5

120 20.7 16.9 25.3

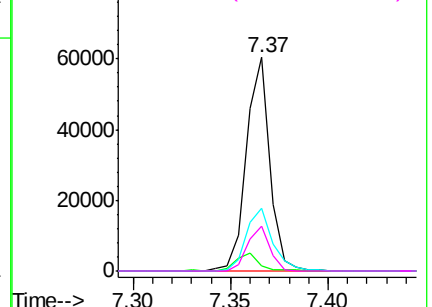
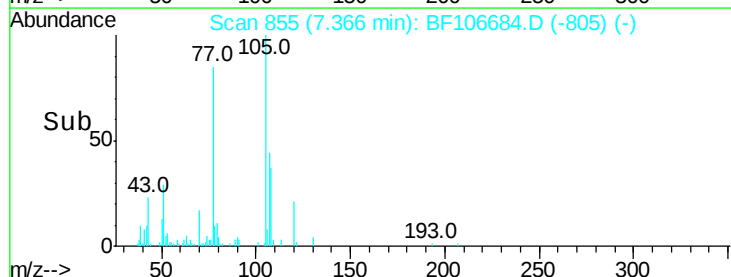


Abundance Ion 105.00 (104.70 to 105.70): E

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

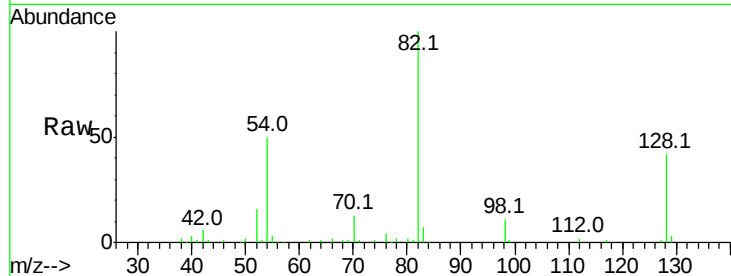




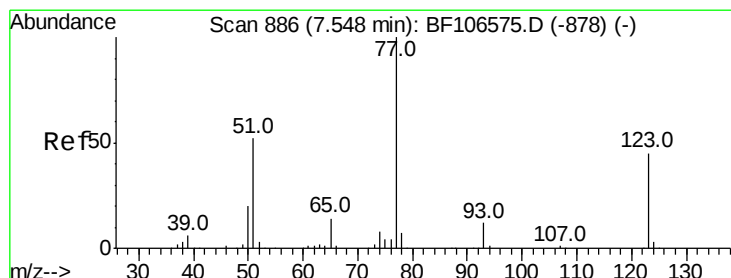
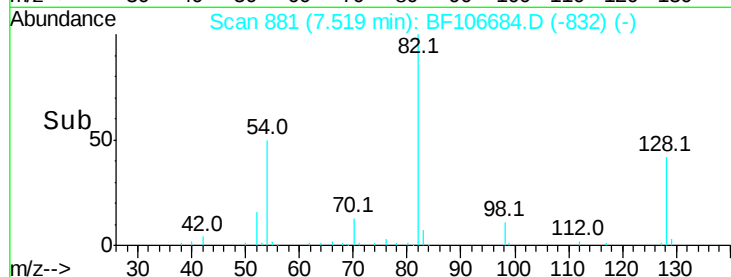
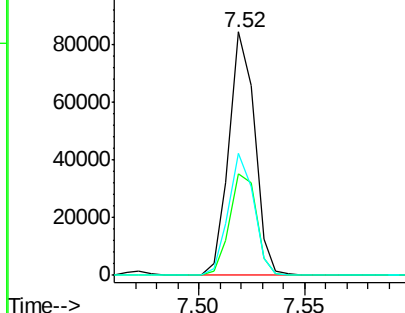
#23
Nitrobenzene-d5
Concen: 18.485 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tot Ion	82	Resp	71229
Ion Ratio	100	Lower	Upper
128	41.8	36.1	54.1
54	50.0	41.4	62.2

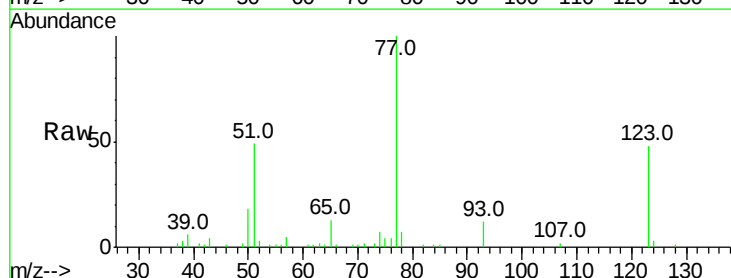


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

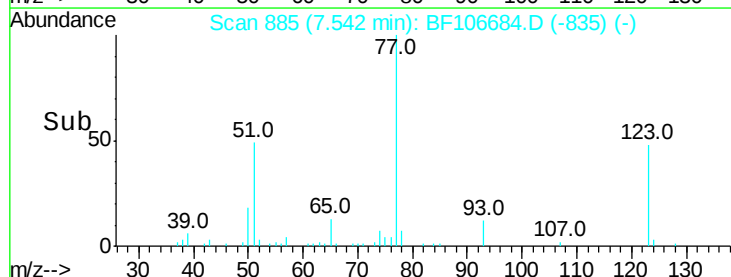
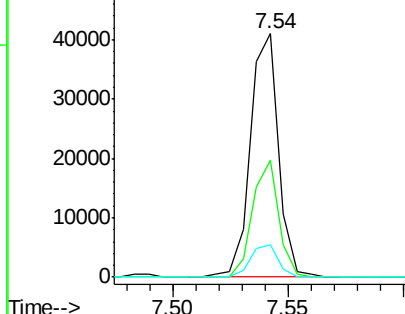


#24
Nitrobenzene
Concen: 8.874 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion	77	Resp	34910
Ion Ratio	100	Lower	Upper
123	47.9	37.9	56.9
65	13.3	11.0	16.4



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





#25

Isophorone

Concen: 9.269 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

AREA1(S)MSD

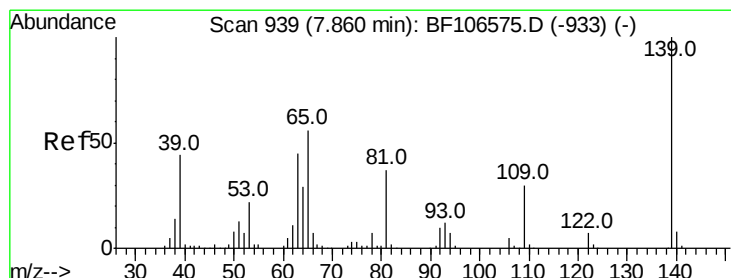
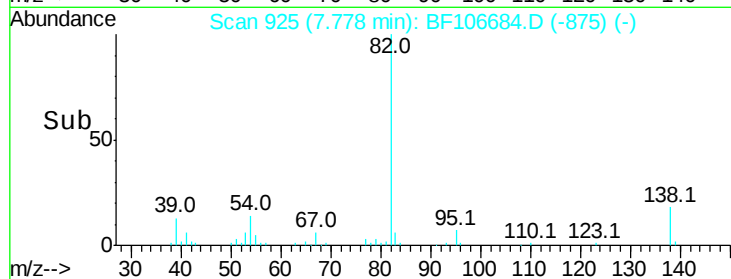
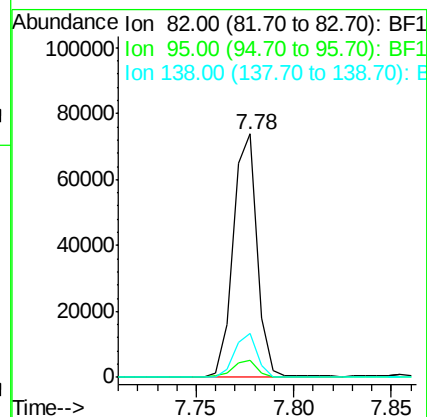
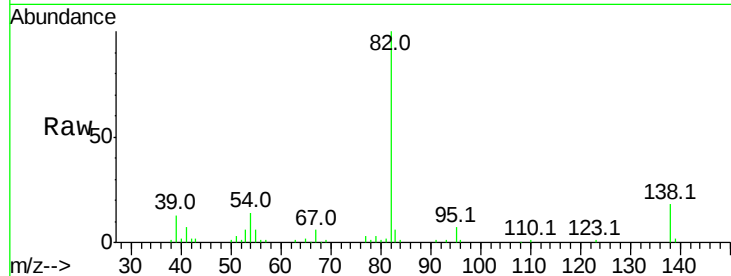
Tot Ion: 82 Resp: 62933

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 18.0 14.9 22.3



#26

2-Nitrophenol

Concen: 3.773 ng

RT: 7.86 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

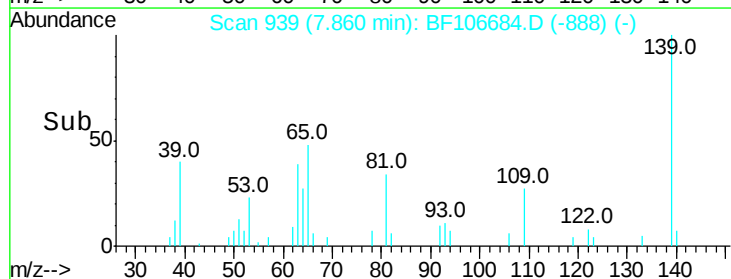
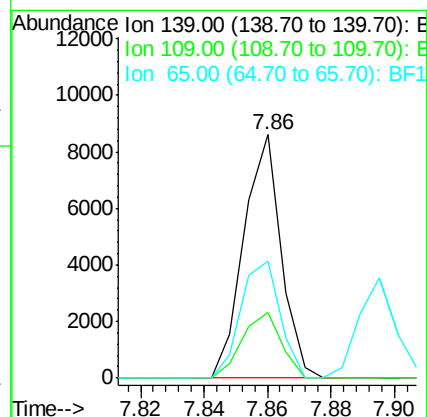
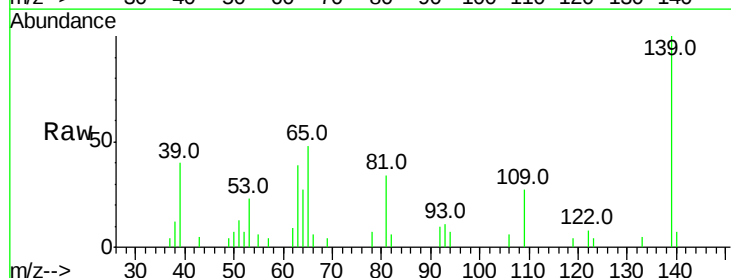
Tgt Ion: 139 Resp: 7007

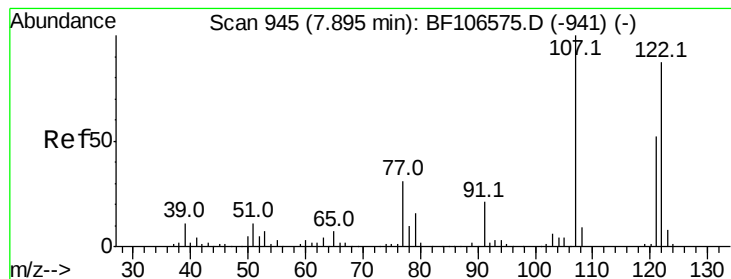
Ion Ratio Lower Upper

139 100

109 26.9 22.7 34.1

65 47.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 9.742 ng

RT: 7.90 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

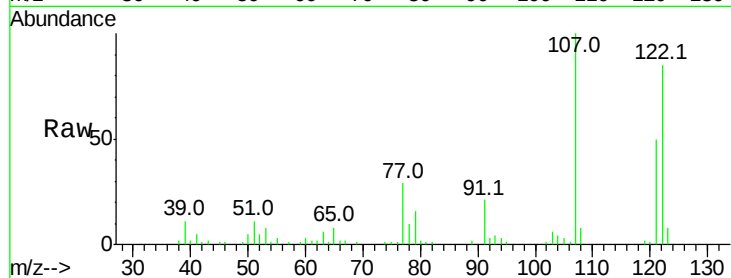
Tot Ion:122 Resp: 27964

Ion Ratio Lower Upper

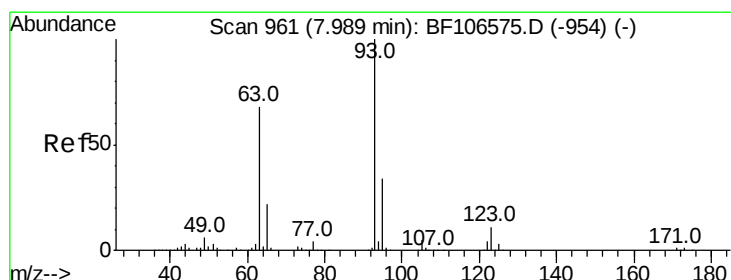
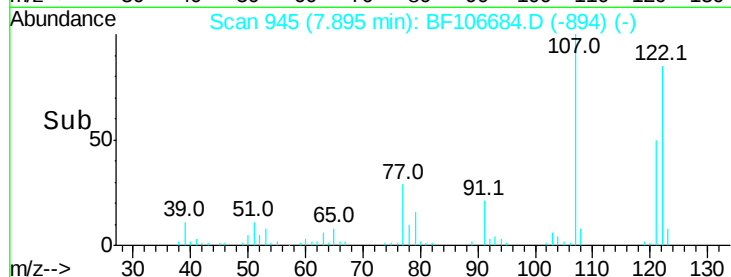
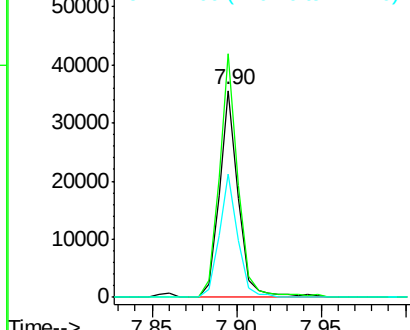
122 100

107 117.7 91.2 136.8

121 59.3 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: 8.959 ng

RT: 7.98 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

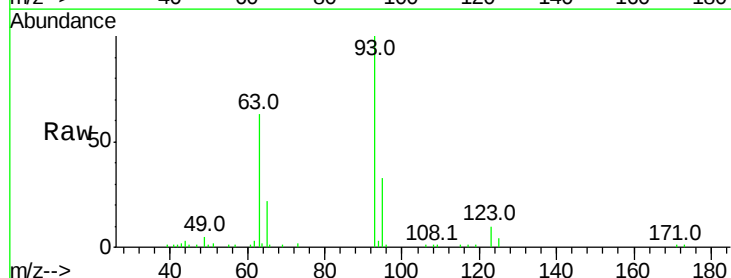
Tgt Ion: 93 Resp: 40845

Ion Ratio Lower Upper

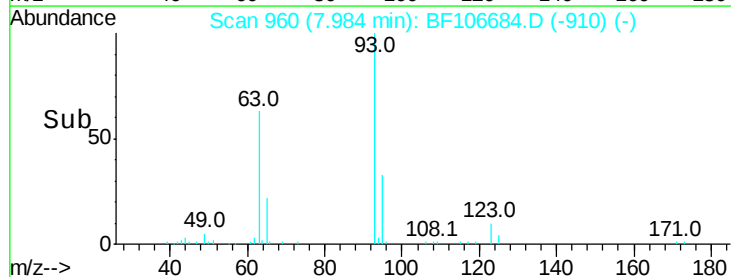
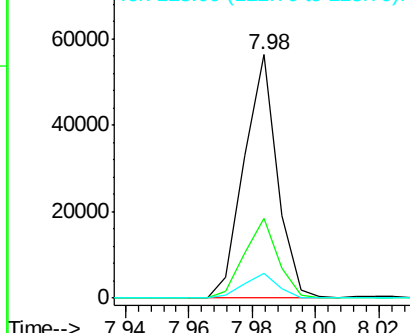
93 100

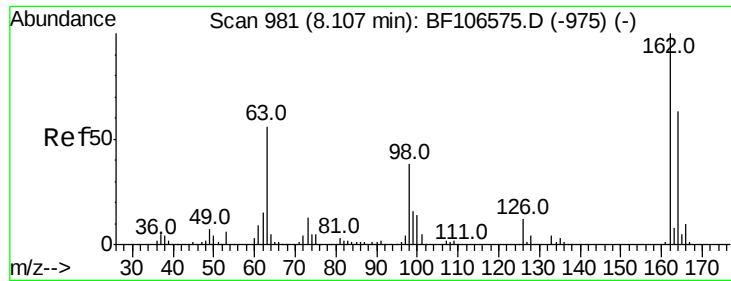
95 32.7 26.3 39.5

123 10.4 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

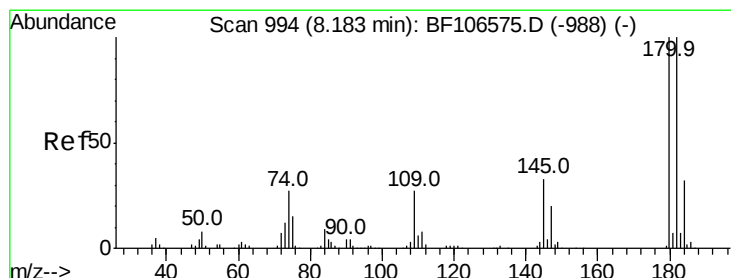
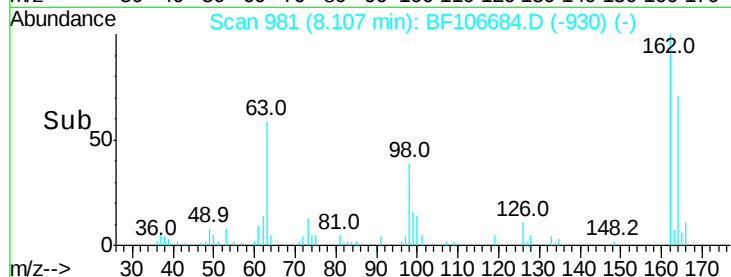
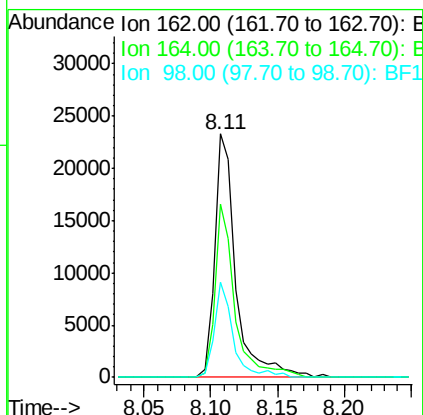
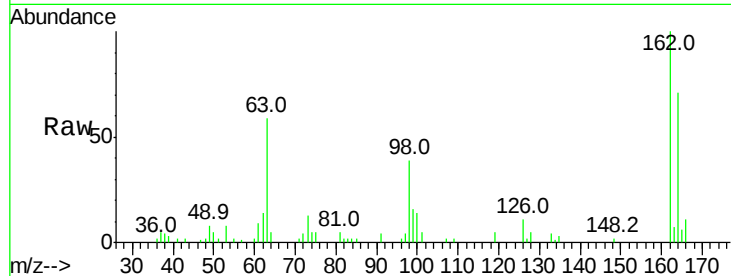




#29
 2,4-Dichlorophenol
 Concen: 8.639 ng
 RT: 8.11 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF106684.D
 Acq: 22 Jun 2018 1:48

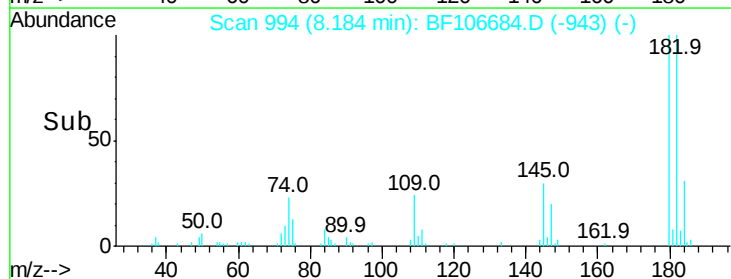
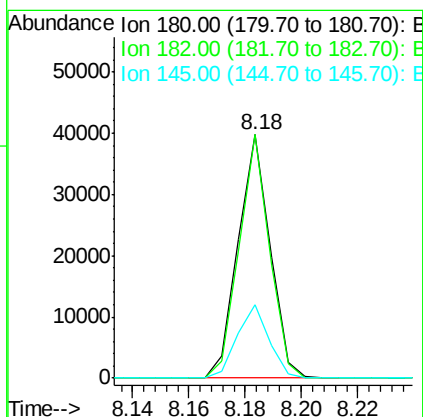
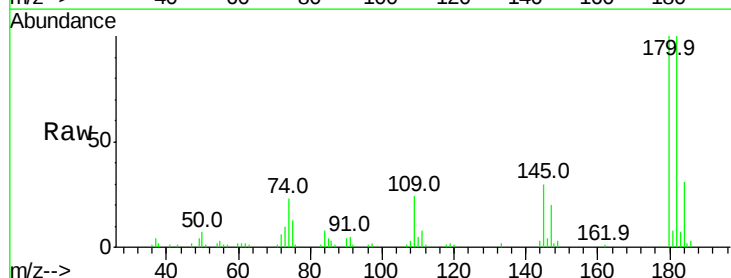
Instrument :
 BNA_F
 ClientSampleId :
 AREA1(S)MSD

Tot Ion:162 Resp: 25961
 Ion Ratio Lower Upper
 162 100
 164 71.3 42.7 82.7
 98 39.0 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 9.427 ng
 RT: 8.18 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF106684.D
 Acq: 22 Jun 2018 1:48

Tgt Ion:180 Resp: 31210
 Ion Ratio Lower Upper
 180 100
 182 100.1 76.8 115.2
 145 30.2 26.5 39.7





#31

Naphthalene

Concen: 10.285 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

AREA1(S)MSD

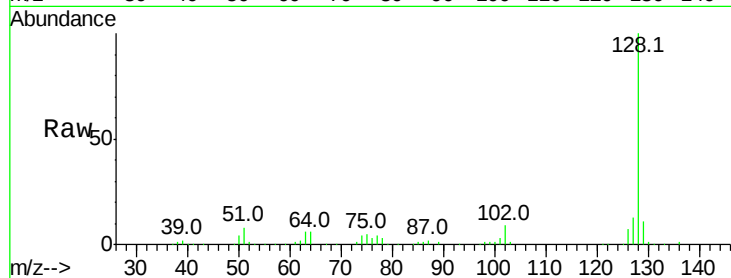
Tot Ion:128 Resp: 102973

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

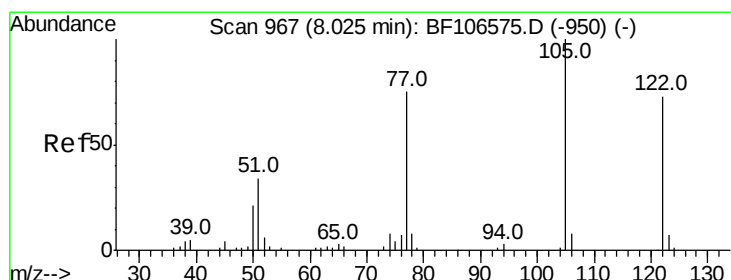
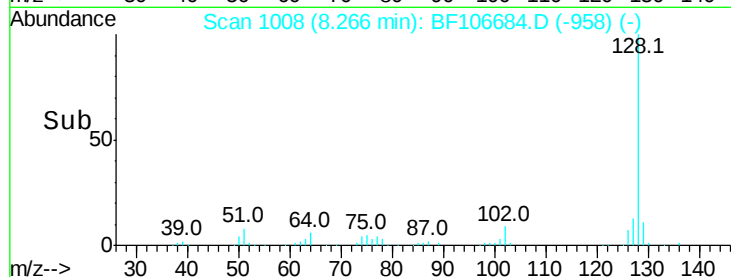
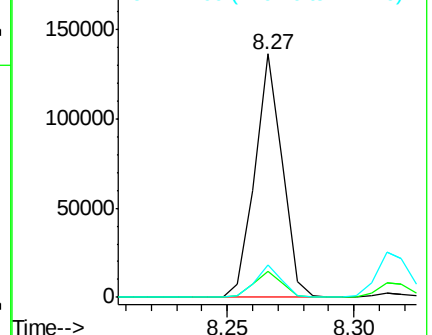
127 13.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 17.525 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.13 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

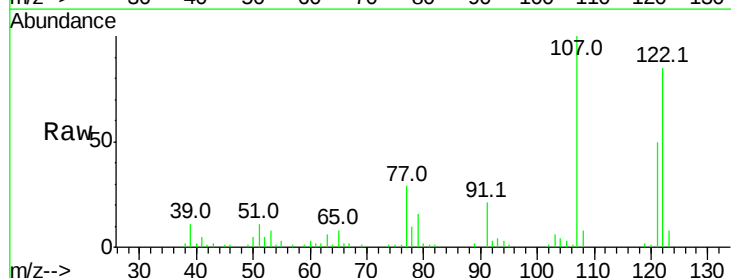
Tgt Ion:122 Resp: 27964

Ion Ratio Lower Upper

122 100

105 3.8 101.1 141.1#

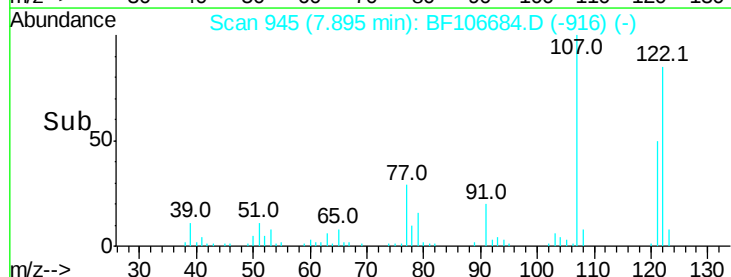
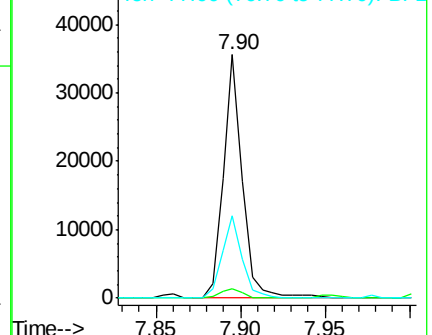
77 33.8 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

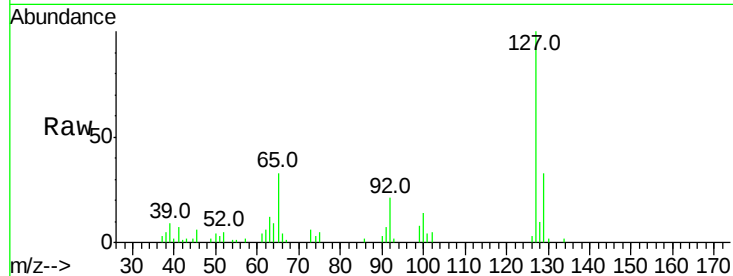




#33
4-Chloroaniline
Concen: 6.076 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tot Ion:	127	Resp:	25523
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	33.0	25.0	37.4
92	21.1	15.2	22.8



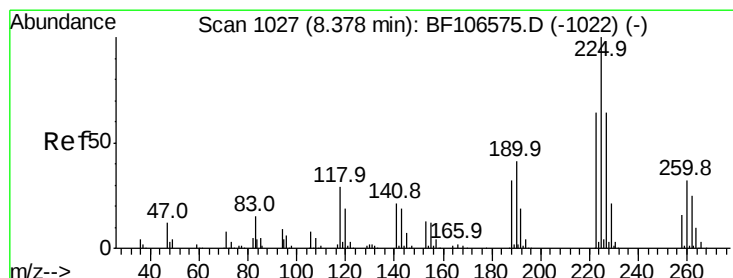
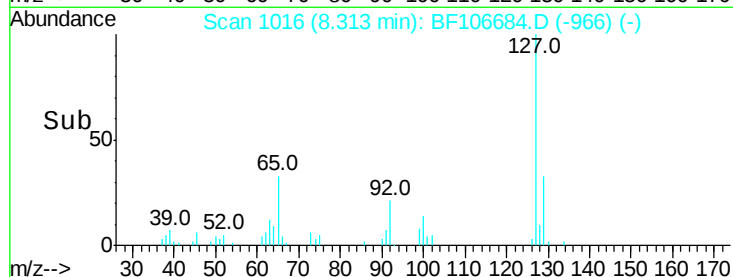
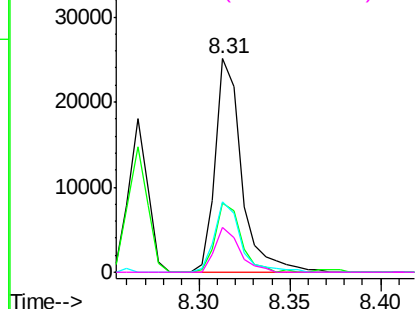
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

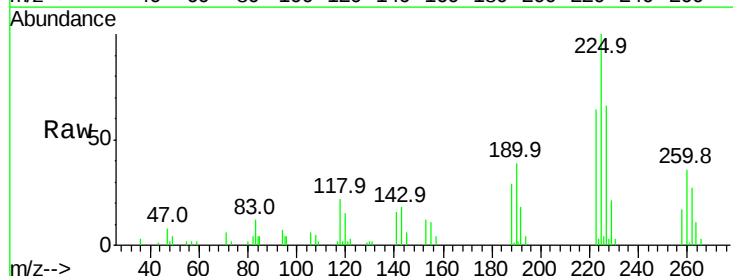
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 9.531 ng
RT: 8.38 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:	225	Resp:	20559
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	66.2	51.9	77.9

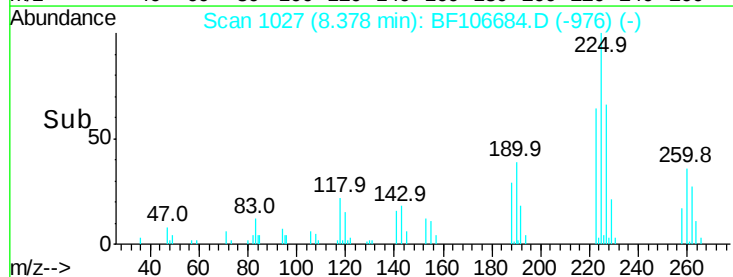
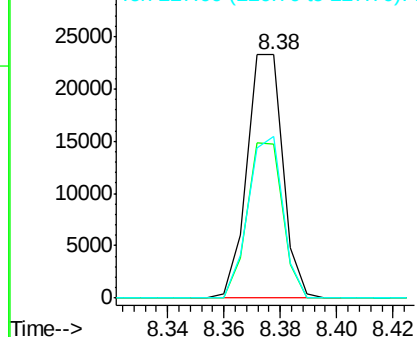


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

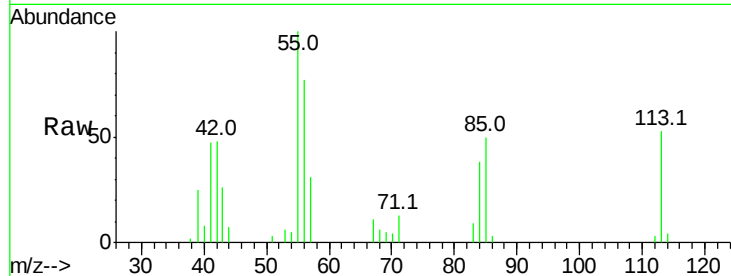




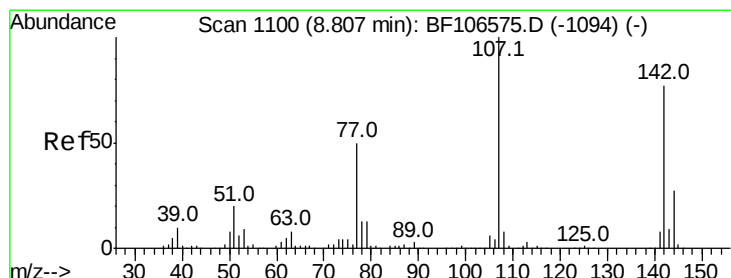
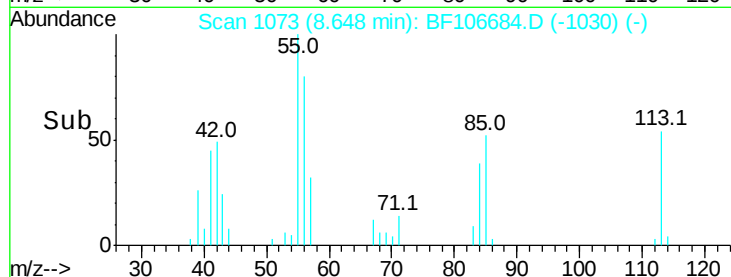
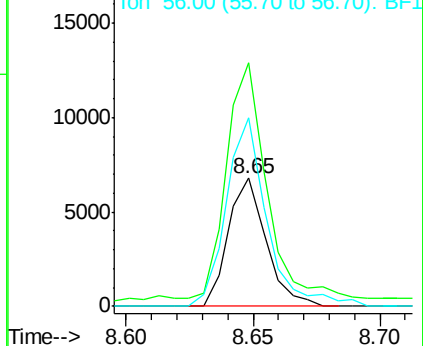
#35
Caprolactam
Concen: 7.197 ng
RT: 8.65 min Scan# 1073
Delta R.T. -0.05 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tot Ion:113 Resp: 7050
Ion Ratio Lower Upper
113 100
55 190.4 163.3 203.3
56 147.3 115.7 155.7

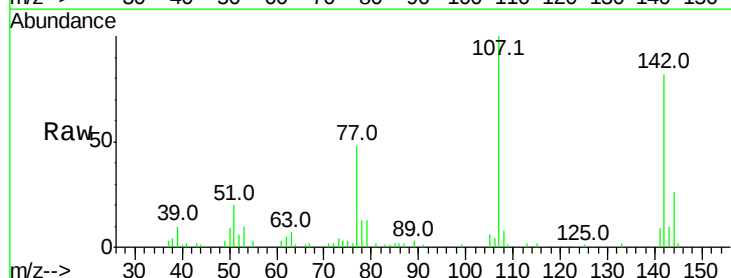


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

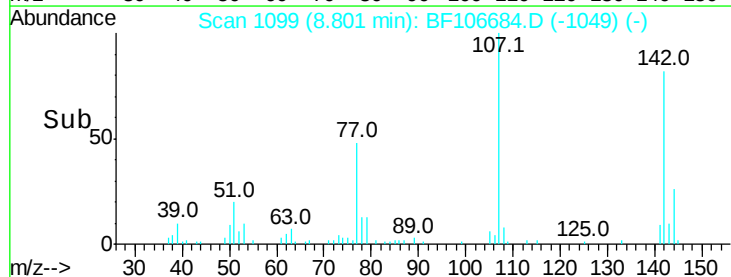
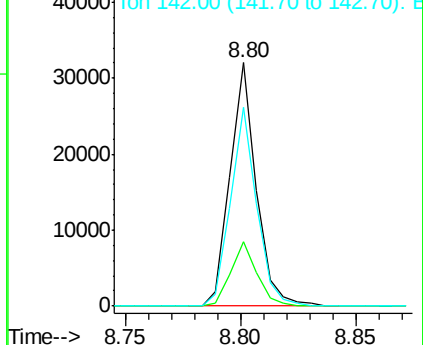


#36
4-Chloro-3-methylphenol
Concen: 8.025 ng
RT: 8.80 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:107 Resp: 25383
Ion Ratio Lower Upper
107 100
144 26.4 20.5 30.7
142 81.8 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

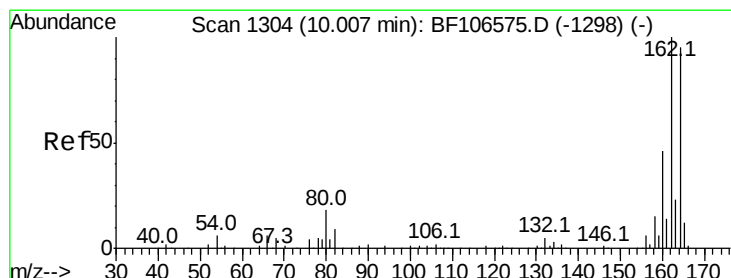
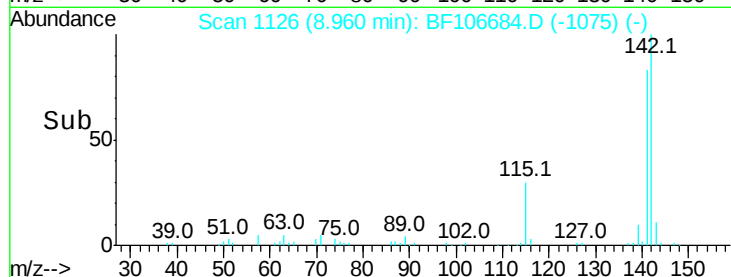
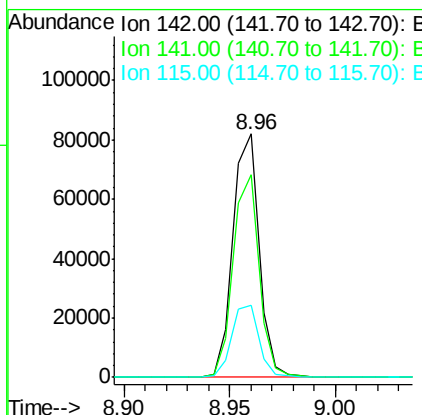
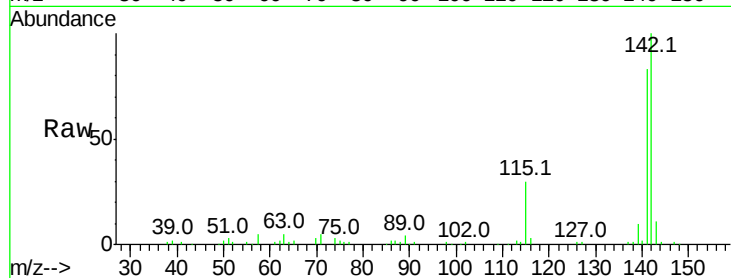




#37
2-Methylnaphthalene
Concen: 10.558 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

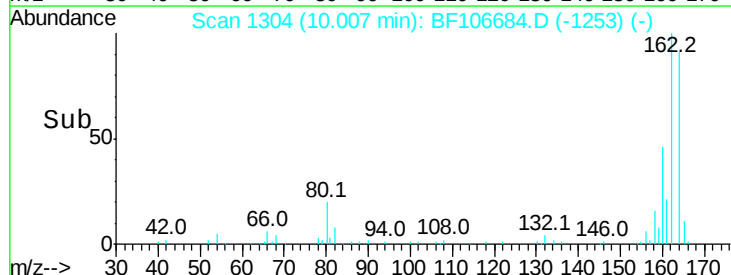
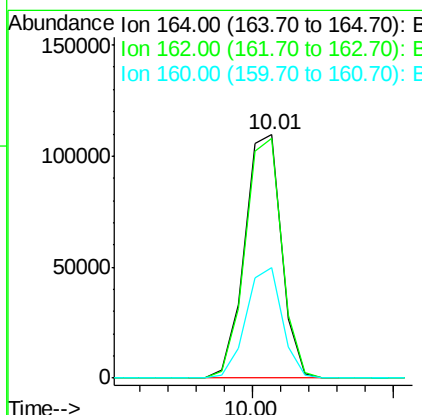
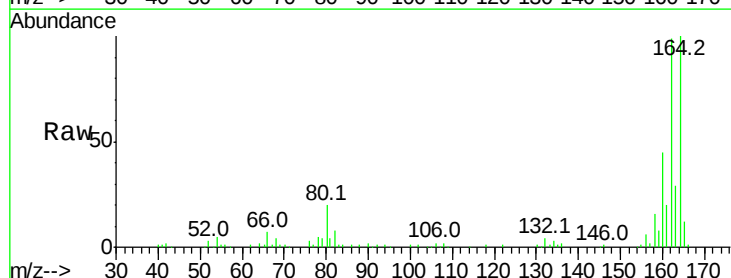
Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tot Ion:142 Resp: 70063
Ion Ratio Lower Upper
142 100
141 83.2 70.8 106.2
115 29.8 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:164 Resp: 98824
Ion Ratio Lower Upper
164 100
162 98.6 86.1 129.1
160 45.1 38.3 57.5

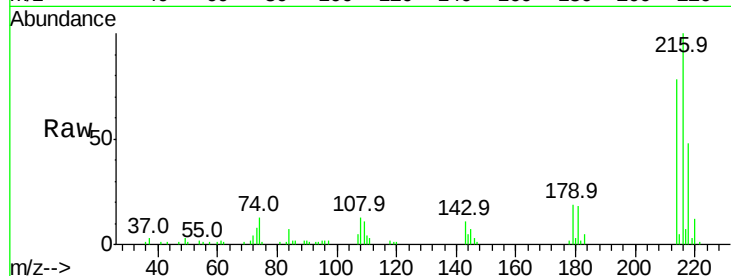




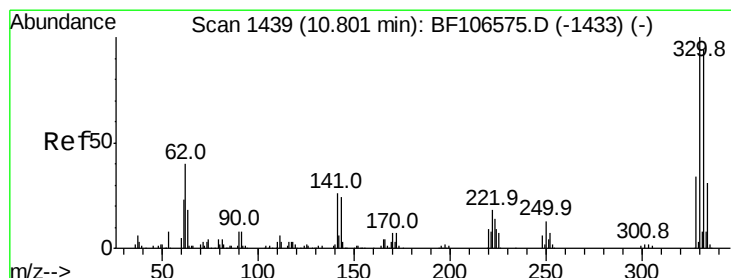
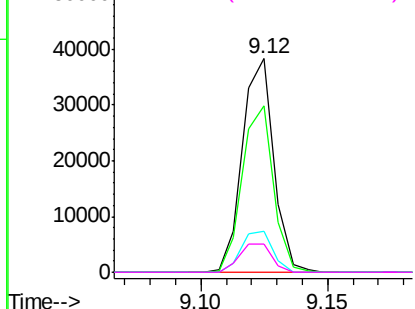
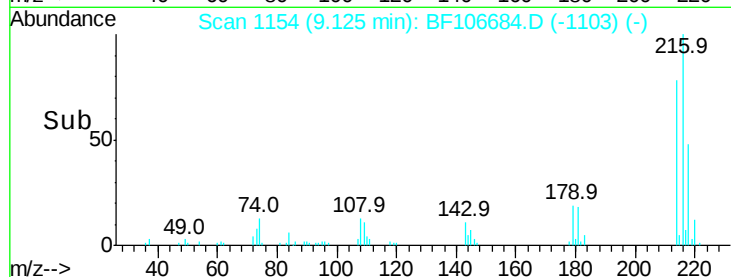
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 9.874 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF106684.D
 Acq: 22 Jun 2018 1:48

Instrument :
 BNA_F
 ClientSampleId :
 AREA1(S)MSD

Tot Ion:	216	Resp:	32863
Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.0	94.4
179	19.3	18.1	27.1
108	13.9	17.2	25.8#

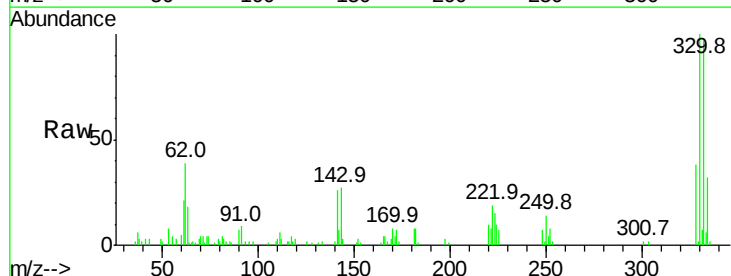


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

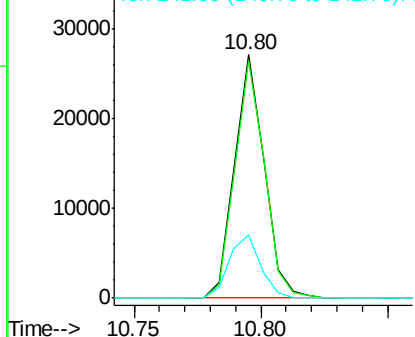
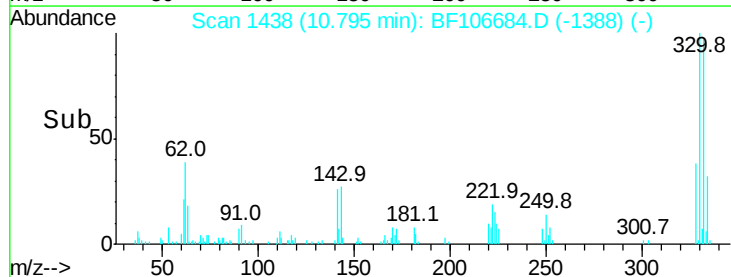


#41
 2,4,6-Tribromophenol
 Concen: 19.261 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106684.D
 Acq: 22 Jun 2018 1:48

Tgt Ion:	330	Resp:	22062
Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	27.3	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

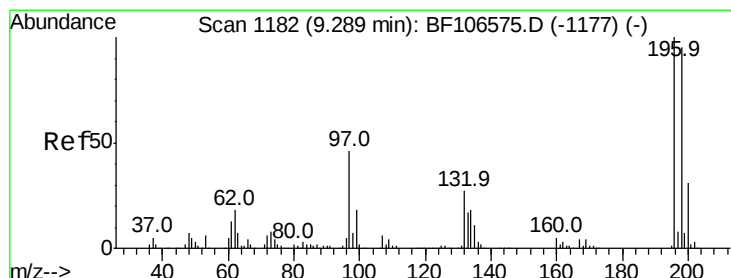
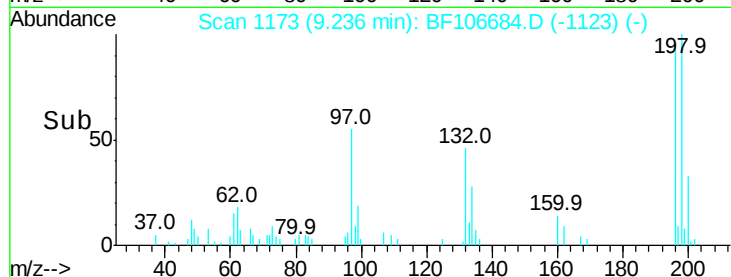
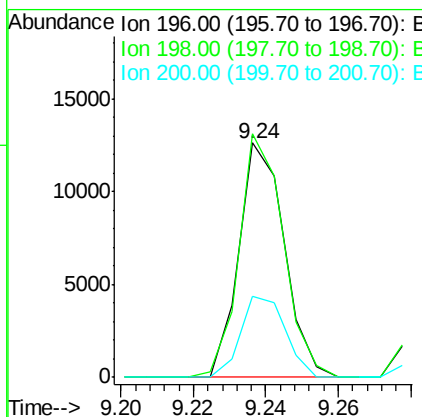
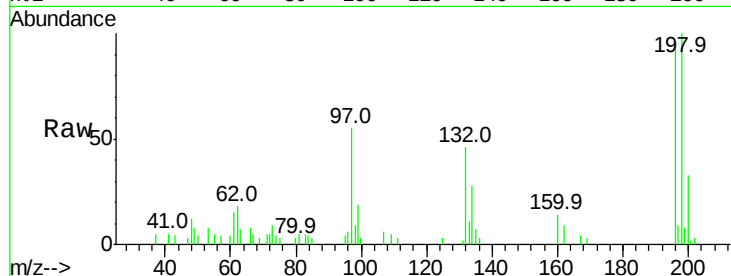




#42
 2,4,6-Trichlorophenol
 Concen: 4.945 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF106684.D
 Acq: 22 Jun 2018 1:48

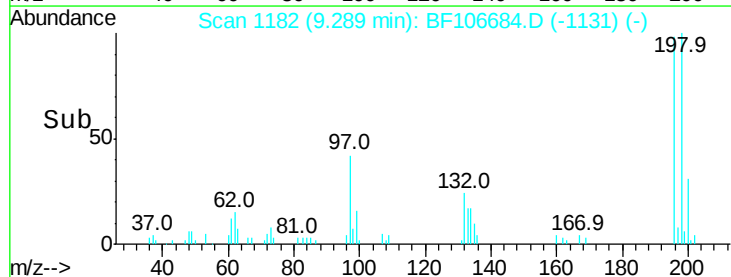
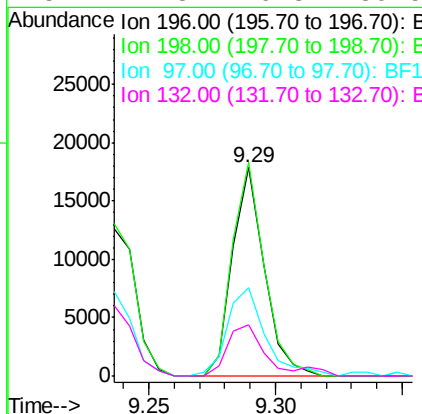
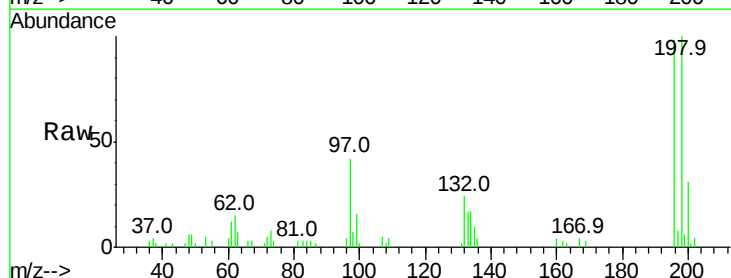
Instrument :
 BNA_F
 ClientSampleId :
 AREA1(S)MSD

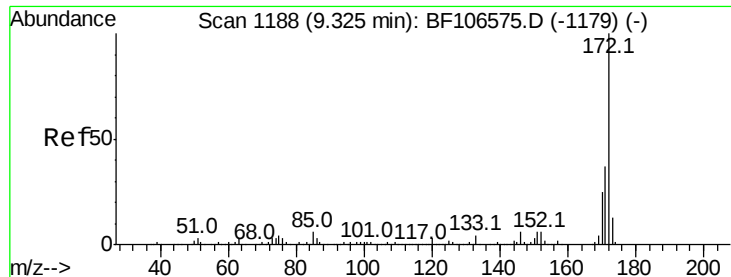
Tot Ion:	196	Resp:	10939
Ion	Ratio	Lower	Upper
196	100		
198	104.0	75.7	113.5
200	34.6	24.5	36.7



#43
 2,4,5-Trichlorophenol
 Concen: 6.771 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF106684.D
 Acq: 22 Jun 2018 1:48

Tgt Ion:	196	Resp:	15631
Ion	Ratio	Lower	Upper
196	100		
198	102.5	74.6	112.0
97	42.6	42.9	64.3#
132	24.8	26.3	39.5#

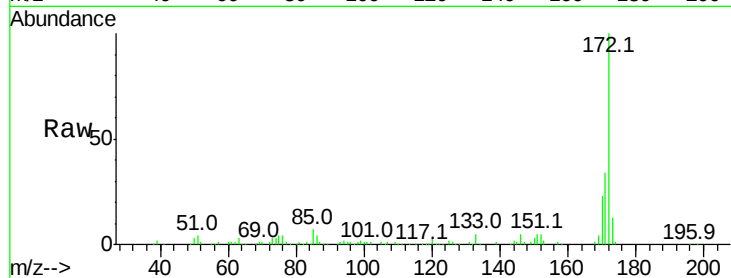




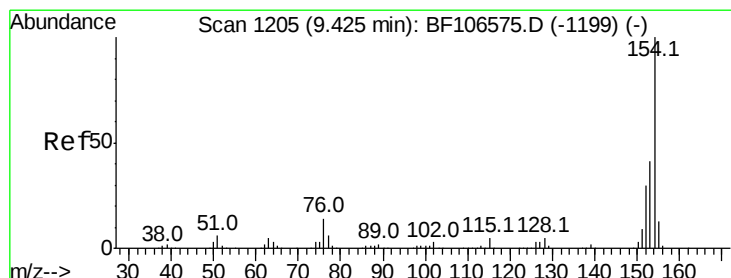
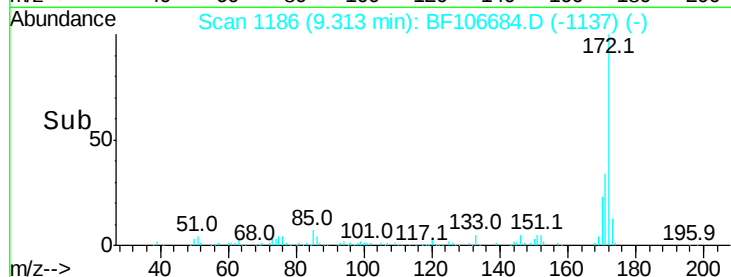
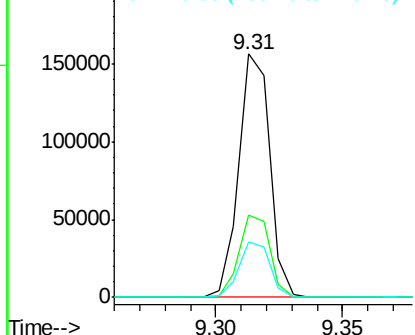
#44
2-Fluorobiphenyl
Concen: 9.594 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.7	44.5
170	22.6	19.6	29.4

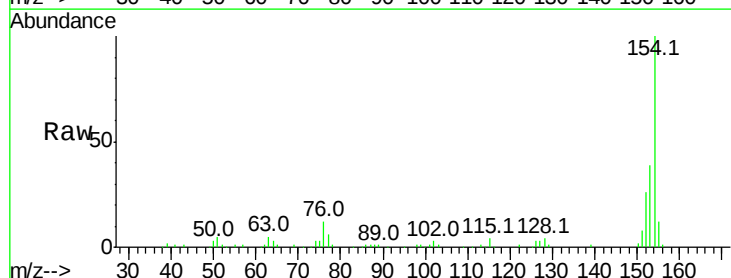


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

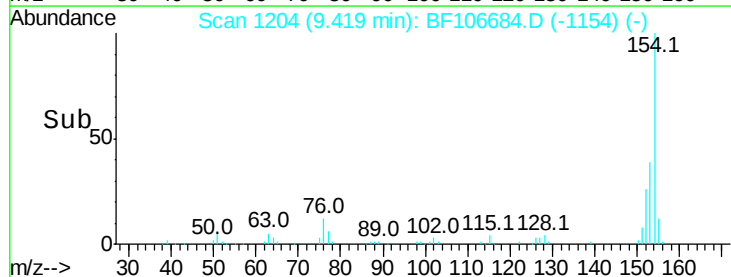
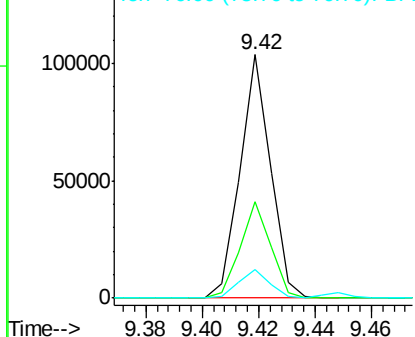


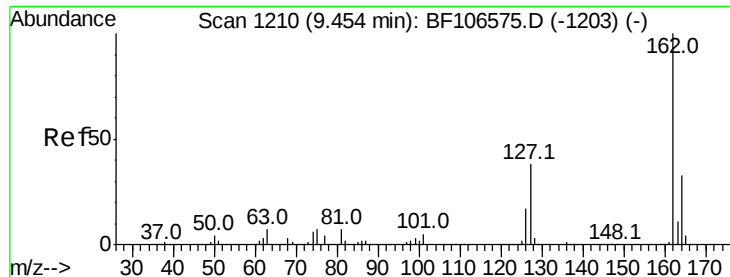
#45
1,1'-Biphenyl
Concen: 9.861 ng
RT: 9.42 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	21.3	61.3
76	11.8	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

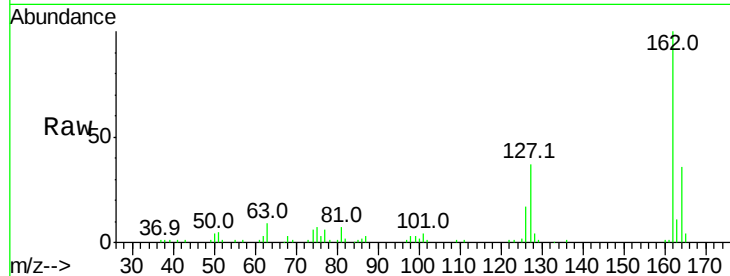




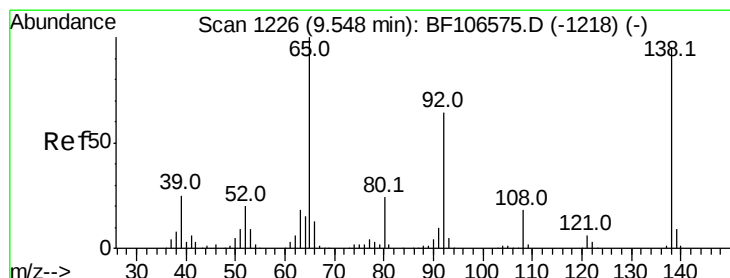
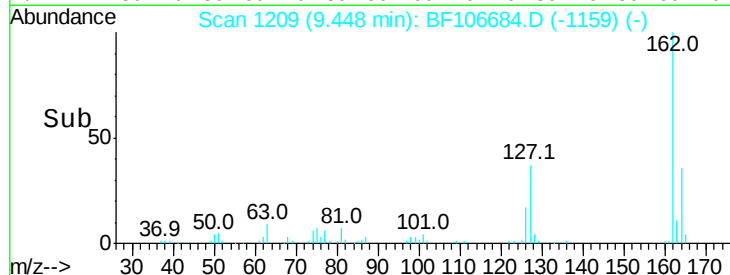
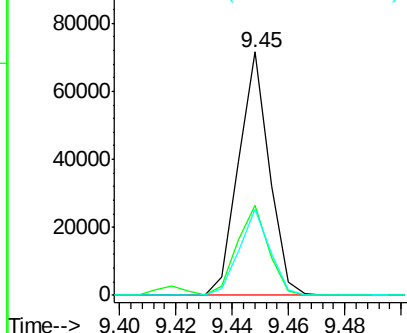
#46
2-Chloronaphthalene
Concen: 8.687 ng
RT: 9.45 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.0	33.9	50.9
164	35.6	26.5	39.7

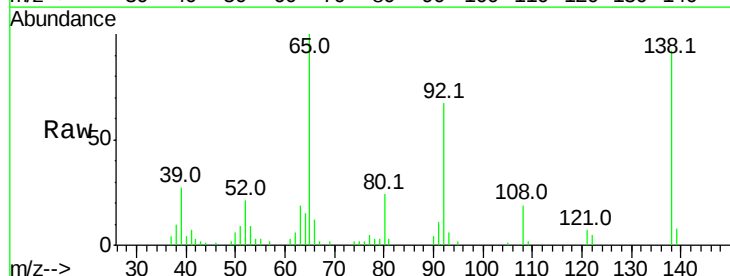


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

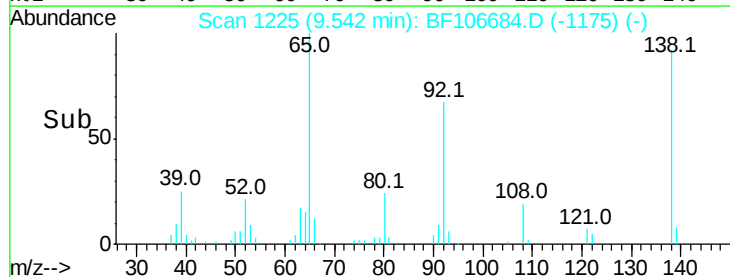
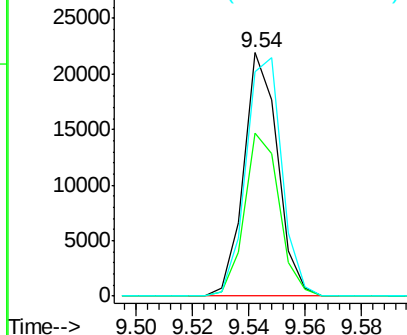


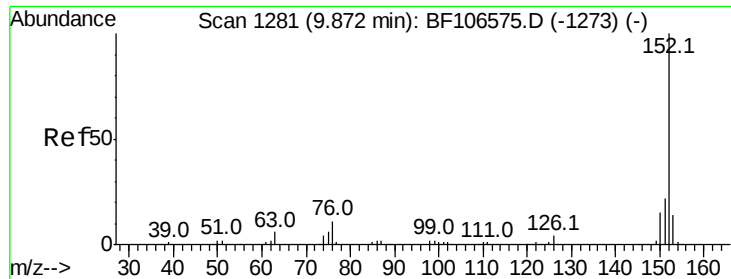
#47
2-Nitroaniline
Concen: 8.768 ng
RT: 9.54 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.8	55.8	83.6
138	92.2	91.2	136.8



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





#48

Acenaphthylene

Concen: 8.913 ng

RT: 9.87 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

AREA1(S)MSD

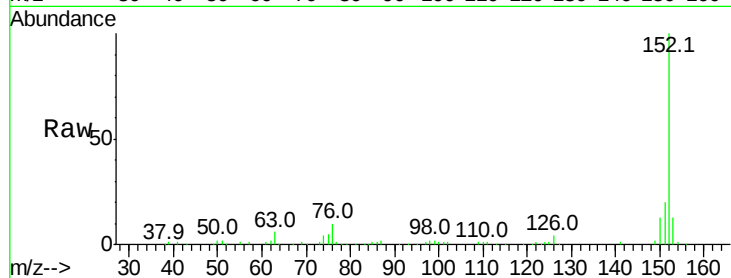
Tot Ion:152 Resp: 87238

Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

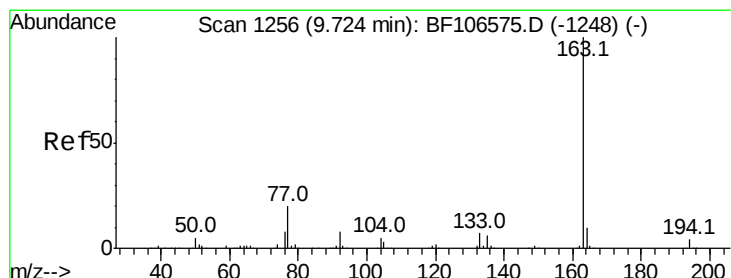
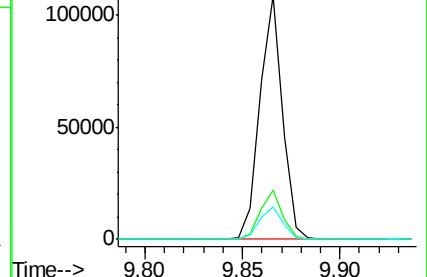
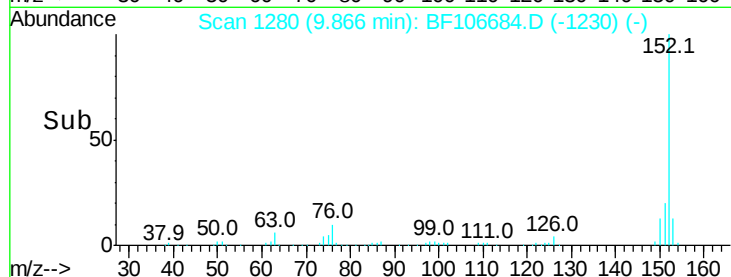
153 13.3 10.7 16.1



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: 11.693 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

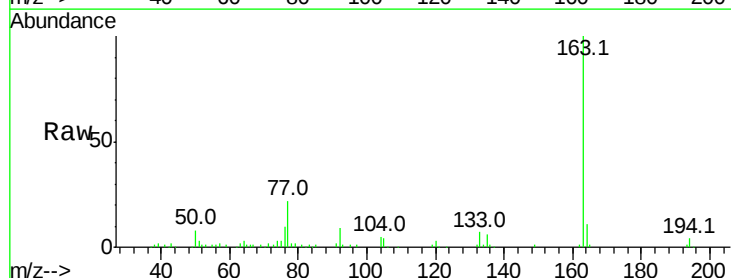
Tgt Ion:163 Resp: 86665

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

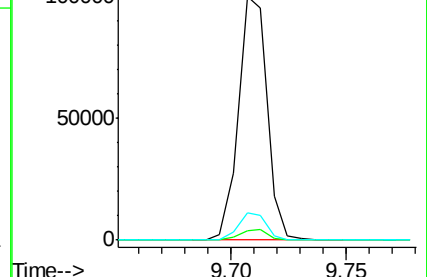
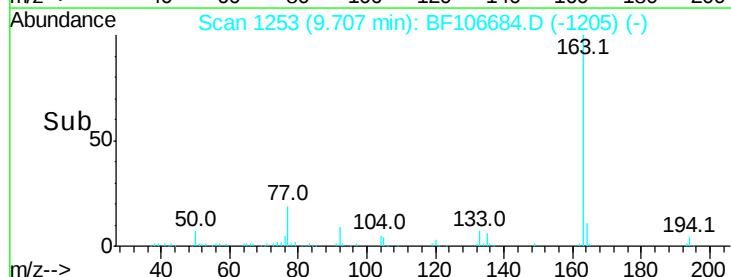
164 11.4 8.2 12.2

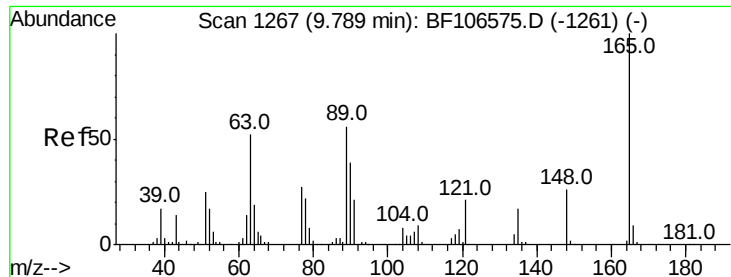


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

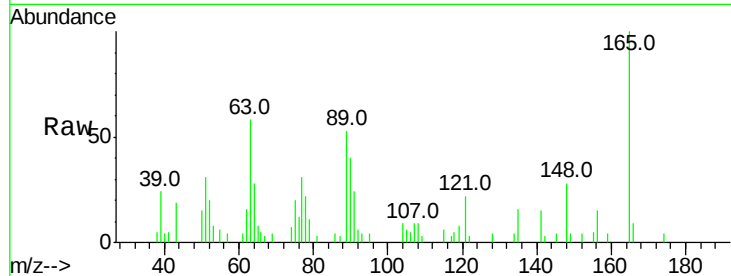




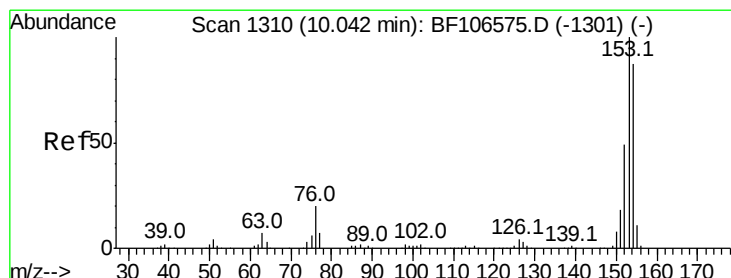
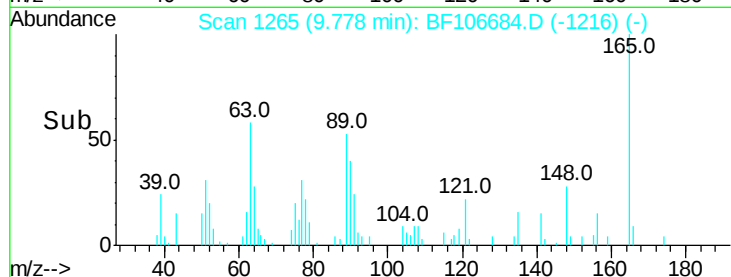
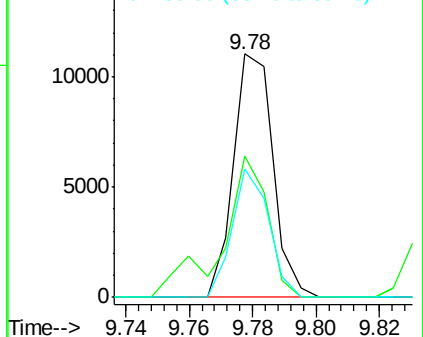
#50
2,6-Dinitrotoluene
Concen: 6.027 ng
RT: 9.78 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tot Ion:165 Resp: 9460
Ion Ratio Lower Upper
165 100
63 58.1 44.7 67.1
89 52.9 44.0 66.0

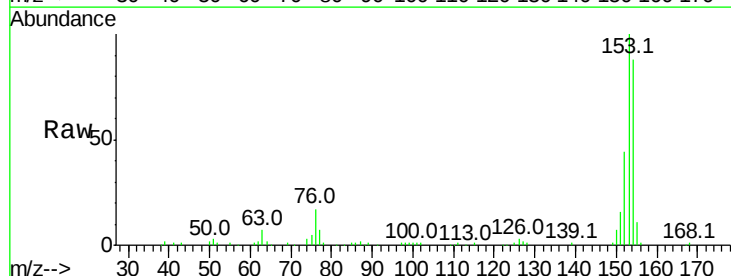


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

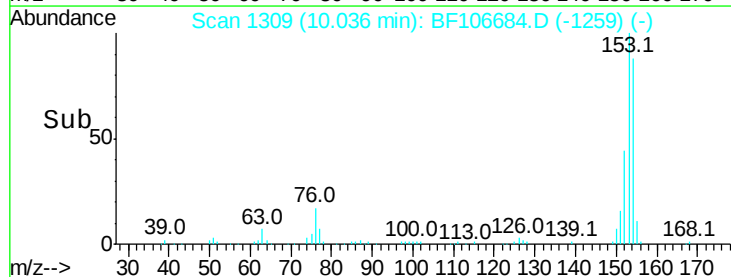
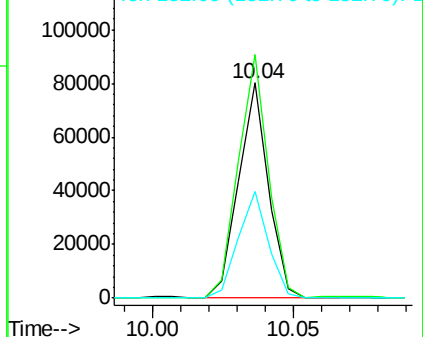


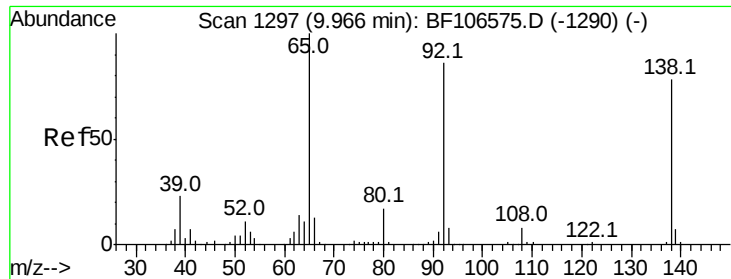
#51
Acenaphthene
Concen: 9.527 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:154 Resp: 58718
Ion Ratio Lower Upper
154 100
153 113.1 91.2 136.8
152 49.8 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

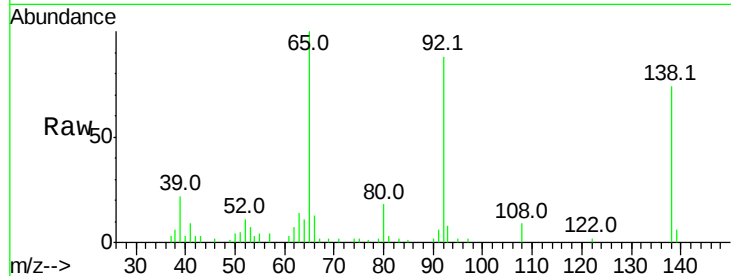




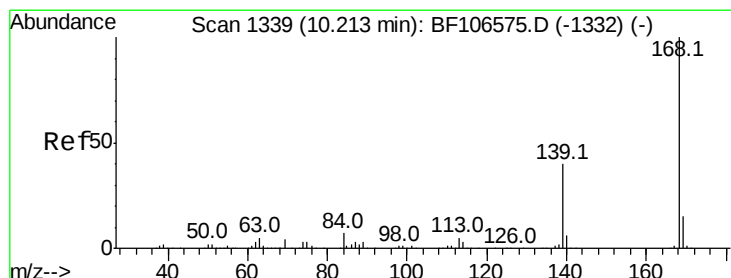
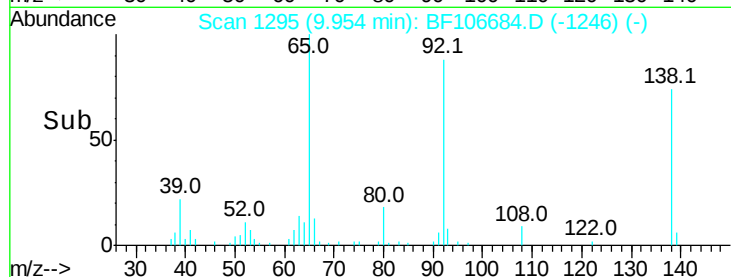
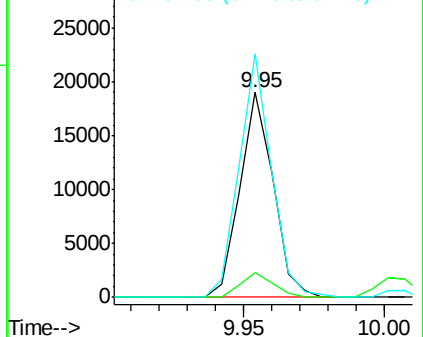
#52
3-Nitroaniline
Concen: 8.593 ng
RT: 9.95 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tot Ion:138 Resp: 15519
Ion Ratio Lower Upper
138 100
108 12.3 9.4 14.0
92 118.7 89.4 134.2

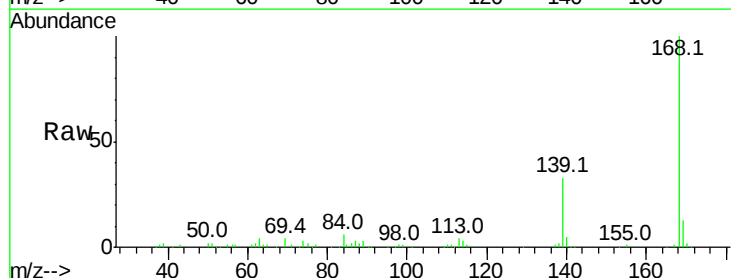


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

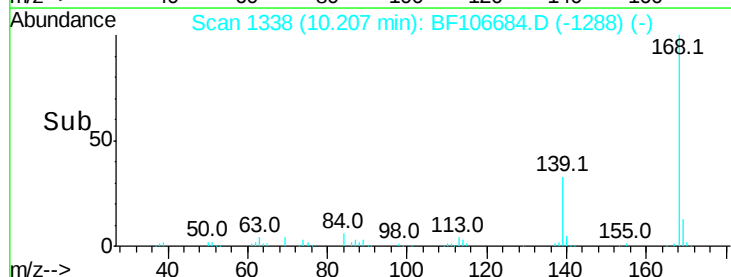
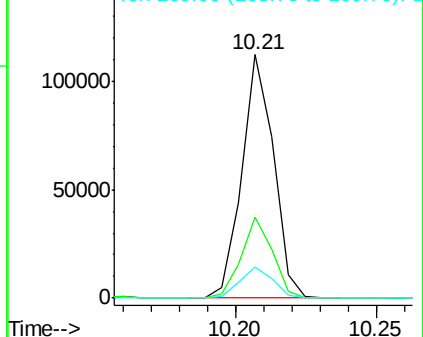


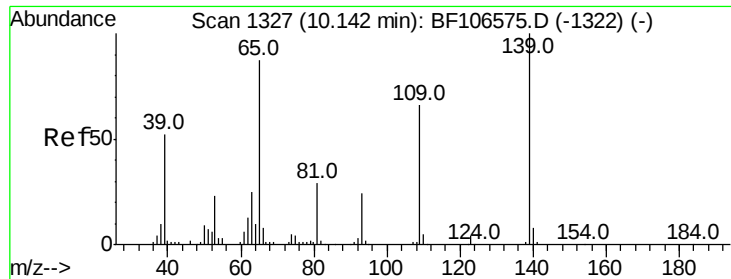
#54
Dibenzofuran
Concen: 10.374 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:168 Resp: 87555
Ion Ratio Lower Upper
168 100
139 33.4 30.1 45.1
169 12.9 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

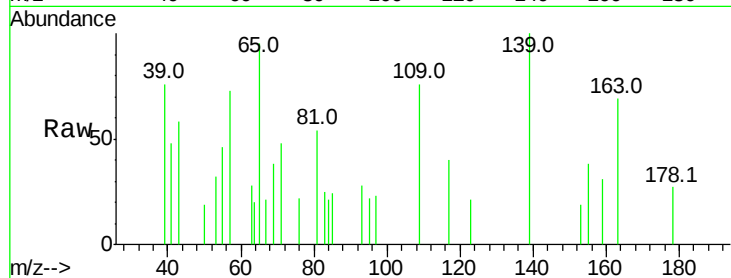




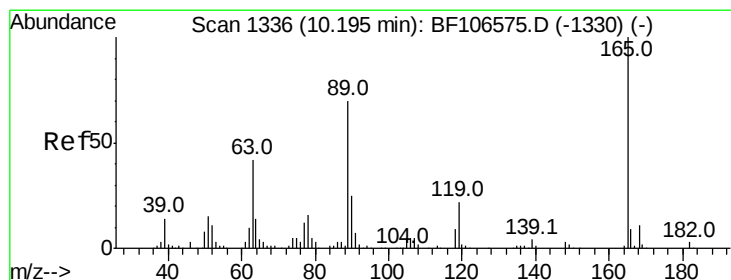
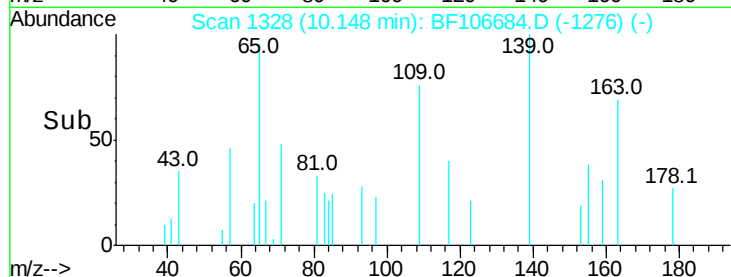
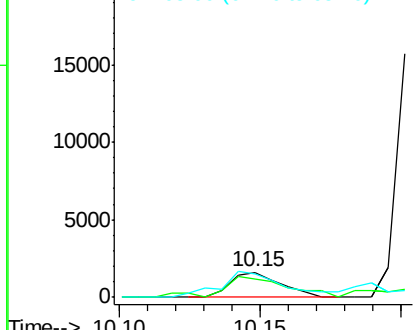
#55
4-Nitrophenol
Concen: 1.582 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tot Ion:139 Resp: 1995
Ion Ratio Lower Upper
139 100
109 75.5 48.4 88.4
65 95.3 72.6 112.6

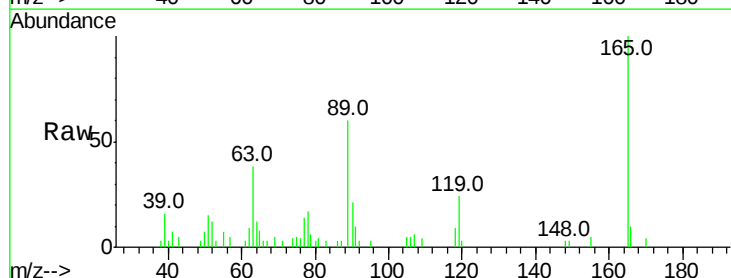


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

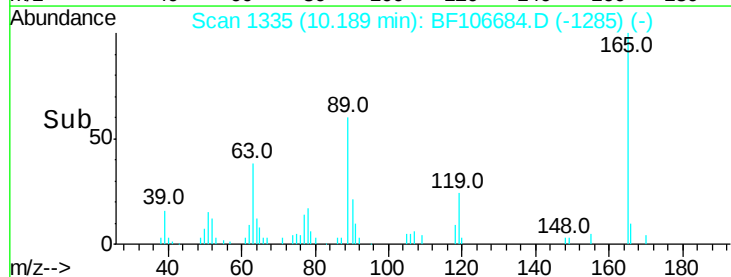
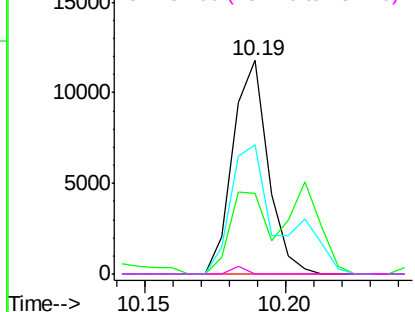


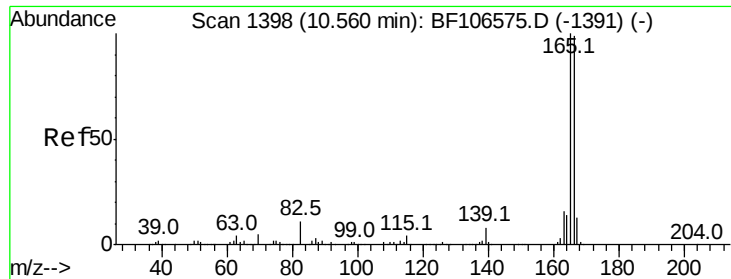
#56
2,4-Dinitrotoluene
Concen: 5.001 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:165 Resp: 10245
Ion Ratio Lower Upper
165 100
63 37.7 36.4 54.6
89 60.4 57.8 86.6
182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 10.846 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

AREA1(S)MSD

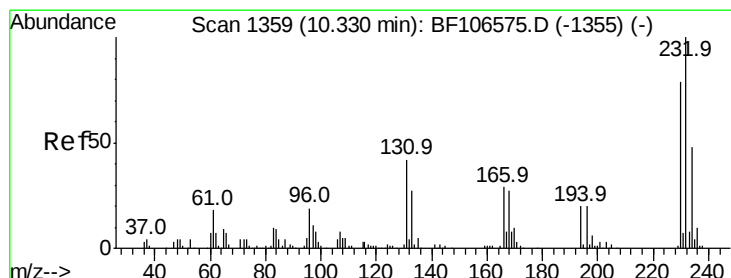
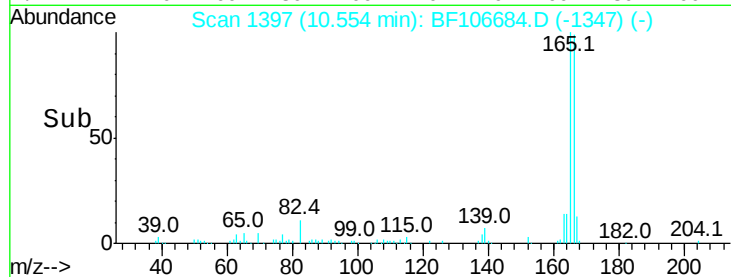
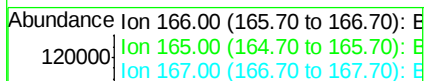
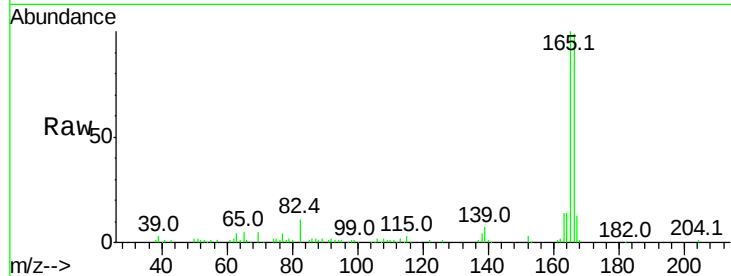
Tot Ion:166 Resp: 72638

Ion Ratio Lower Upper

166 100

165 100.6 79.8 119.8

167 13.4 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 2.256 ng

RT: 10.33 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

Tgt Ion:232 Resp: 4140

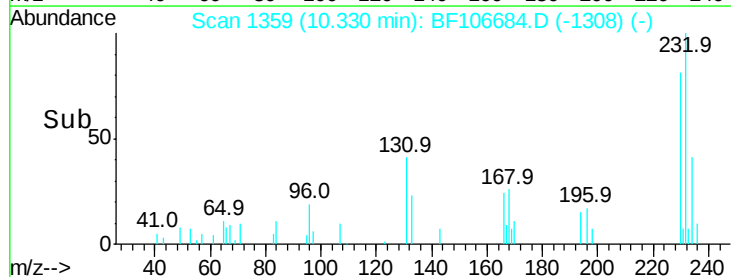
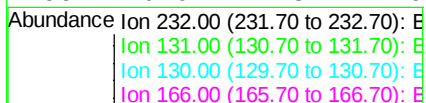
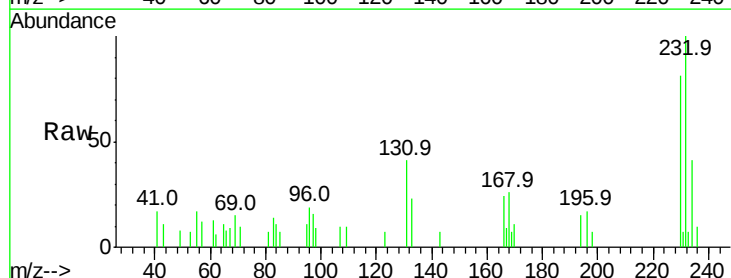
Ion Ratio Lower Upper

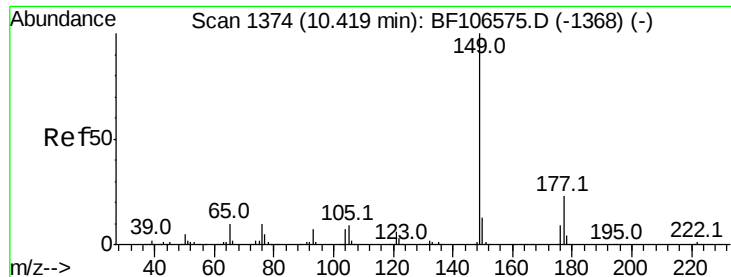
232 100

131 41.0 43.8 65.8#

130 0.0 2.1 3.1#

166 0.0 27.8 41.6#

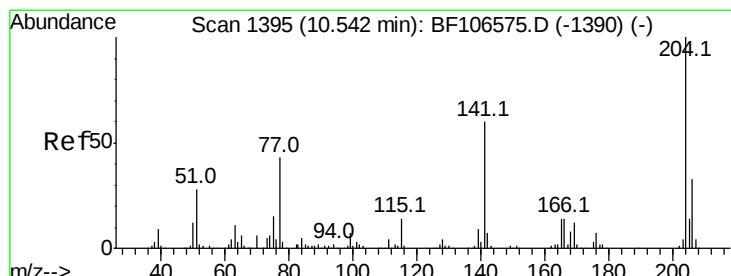
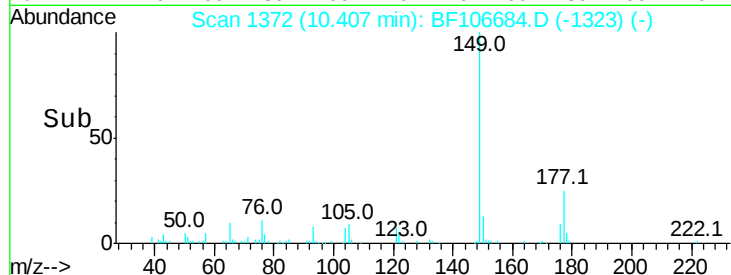
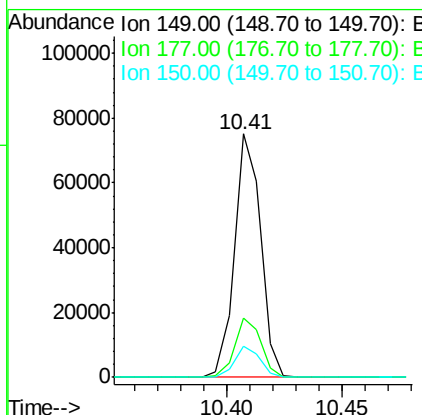
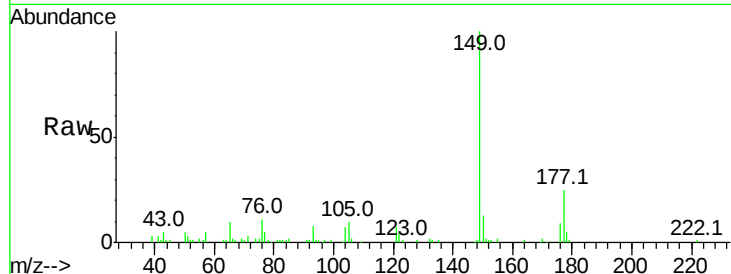




#59
 Diethylphthalate
 Concen: 8.289 ng
 RT: 10.41 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF106684.D
 Acq: 22 Jun 2018 1:48

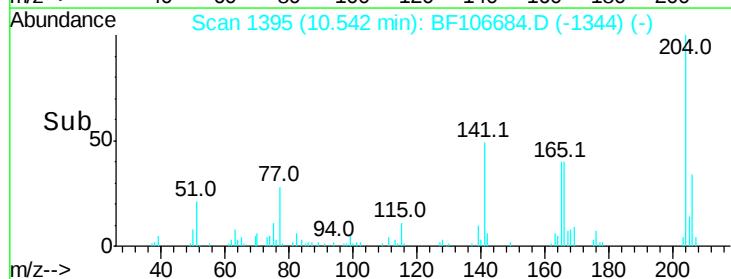
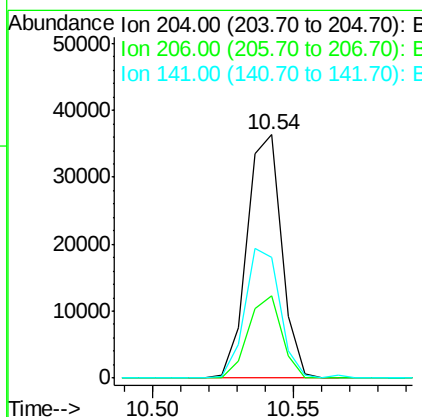
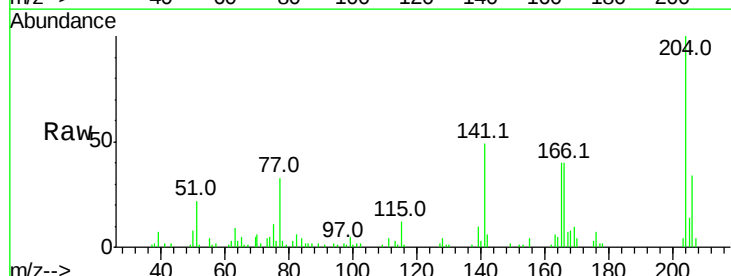
Instrument :
 BNA_F
 ClientSampleId :
 AREA1(S)MSD

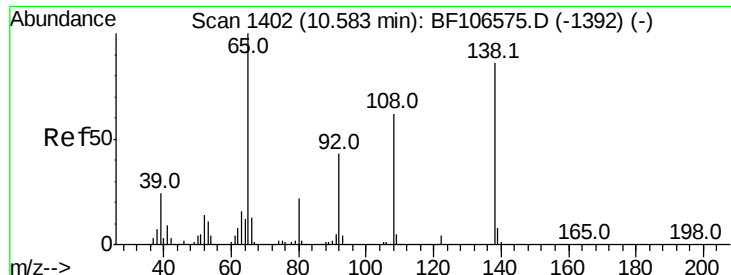
Tot Ion:	149	Resp:	59295
Ion Ratio	Lower	Upper	
149	100		
177	24.6	16.1	24.1#
150	12.5	10.1	15.1



#60
 4-Chlorophenyl-phenylether
 Concen: 8.815 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF106684.D
 Acq: 22 Jun 2018 1:48

Tgt Ion:	204	Resp:	30887
Ion Ratio	Lower	Upper	
204	100		
206	33.6	26.5	39.7
141	49.4	54.6	81.8#





#61

4-Nitroaniline

Concen: 9.748 ng

RT: 10.57 min Scan# 1399

Delta R.T. -0.02 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

AREA1(S)MSD

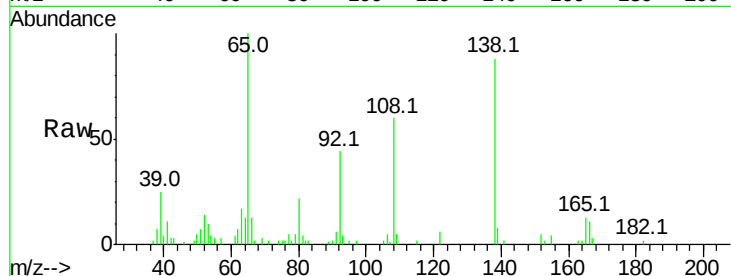
Tot Ion:138 Resp: 17472

Ion Ratio Lower Upper

138 100

92 50.4 30.2 70.2

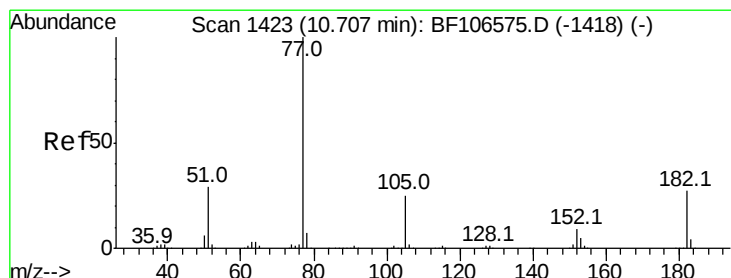
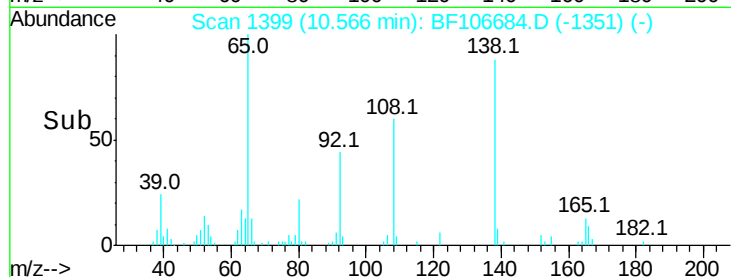
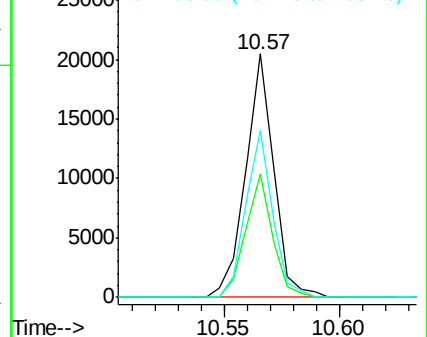
108 68.3 52.5 92.5



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: 7.770 ng

RT: 10.70 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

Tgt Ion: 77 Resp: 54735

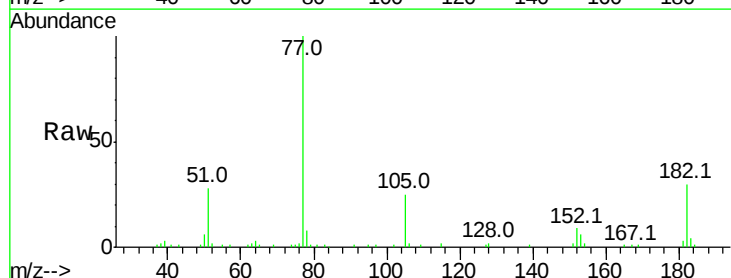
Ion Ratio Lower Upper

77 100

182 29.8 1.7 41.7

105 24.6 3.0 43.0

51 27.5 9.9 49.9

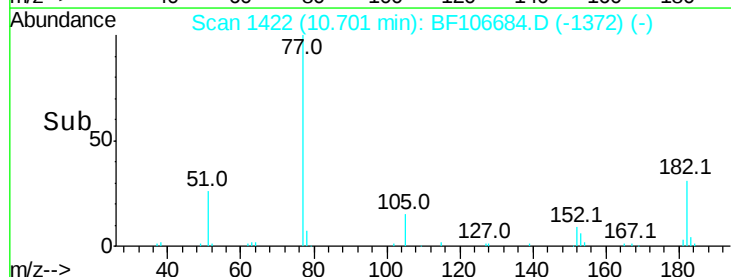
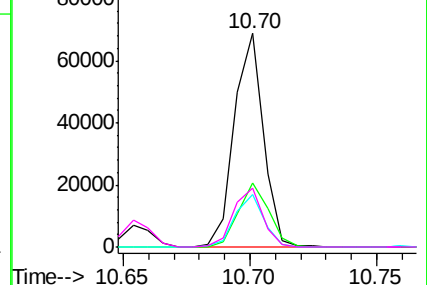


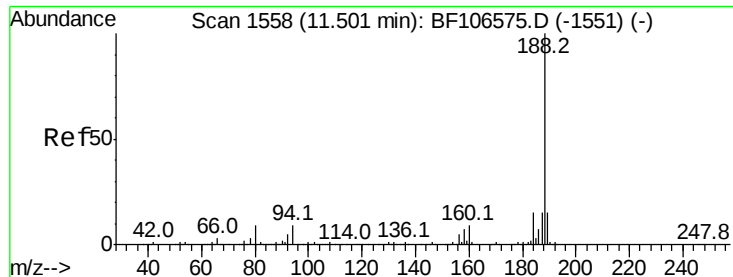
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

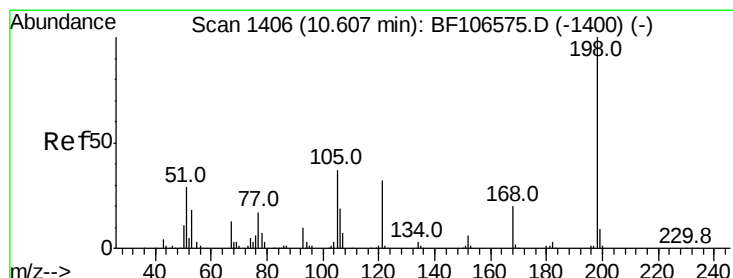
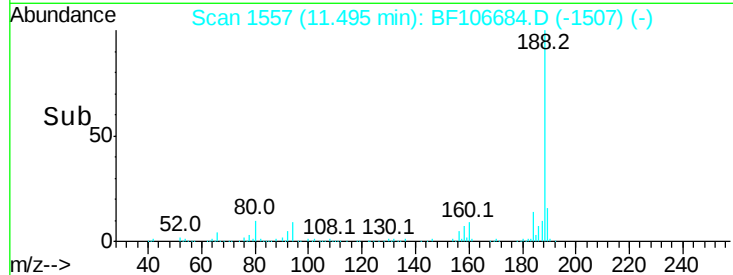
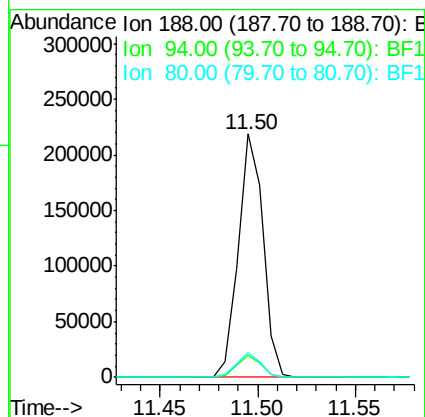
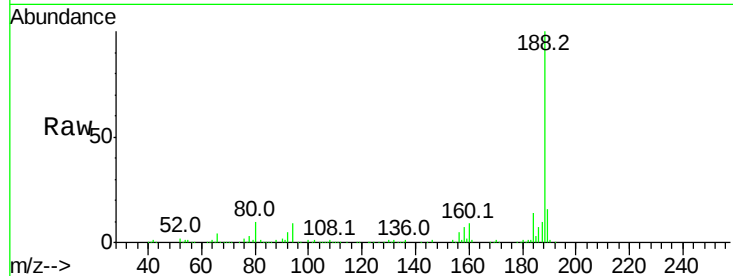




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106684.D
 Acq: 22 Jun 2018 1:48

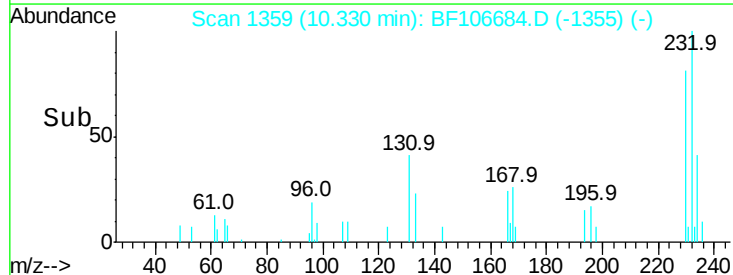
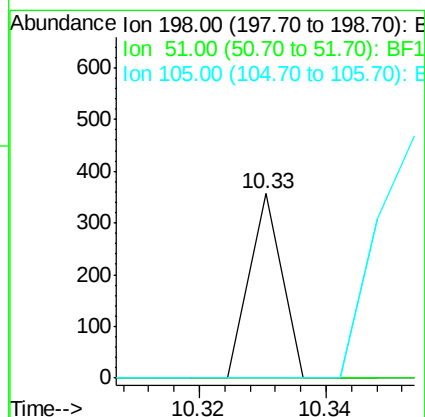
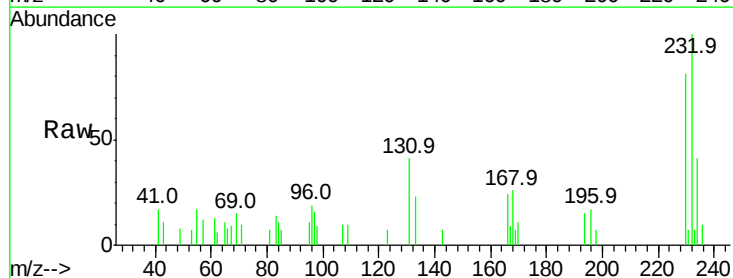
Instrument :
 BNA_F
 ClientSampleId :
 AREA1(S)MSD

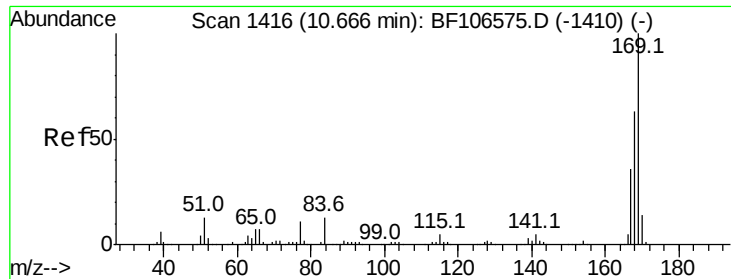
Tot Ion:188 Resp: 192829
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.5 12.7
 80 10.3 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.106 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. -0.28 min
 Lab File: BF106684.D
 Acq: 22 Jun 2018 1:48

Tgt Ion:198 Resp: 126
 Ion Ratio Lower Upper
 198 100
 51 0.0 37.7 77.7#
 105 0.0 36.3 76.3#

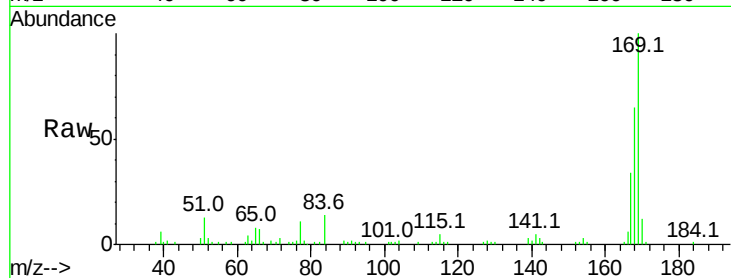




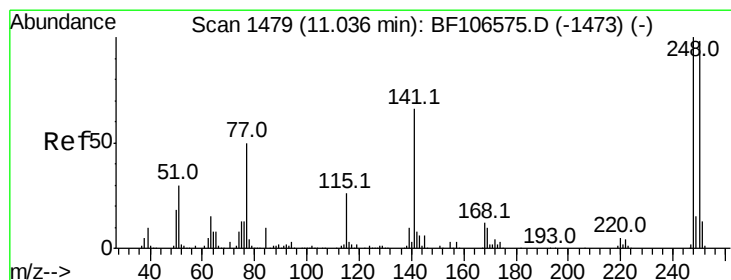
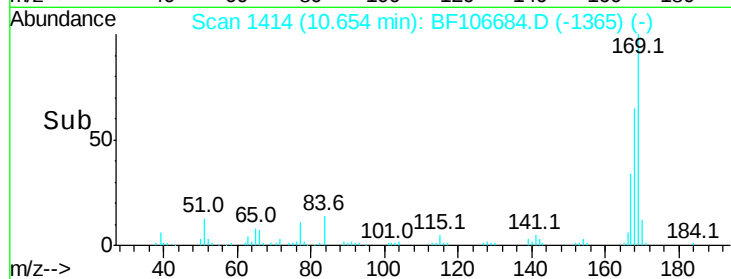
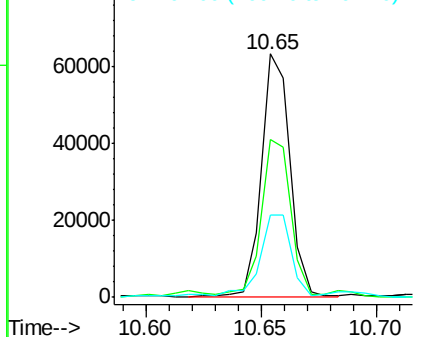
#65
 n-Nitrosodiphenylamine
 Concen: 8.467 ng
 RT: 10.65 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF106684.D
 Acq: 22 Jun 2018 1:48

Instrument :
 BNA_F
 ClientSampleId :
 AREA1(S)MSD

Tot Ion:169 Resp: 54915
 Ion Ratio Lower Upper
 169 100
 168 64.6 54.4 81.6
 167 33.6 29.8 44.6

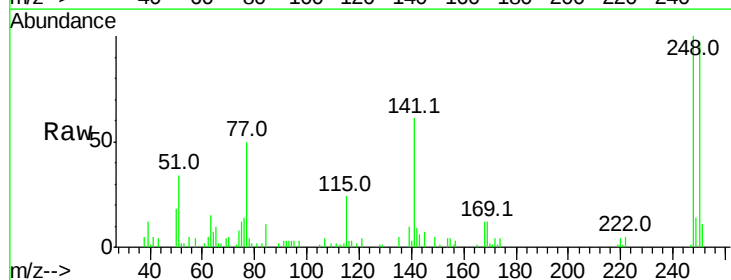


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

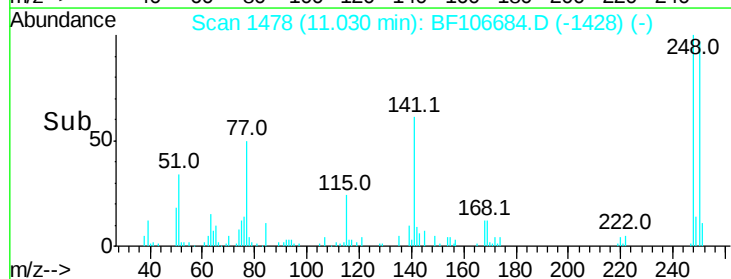
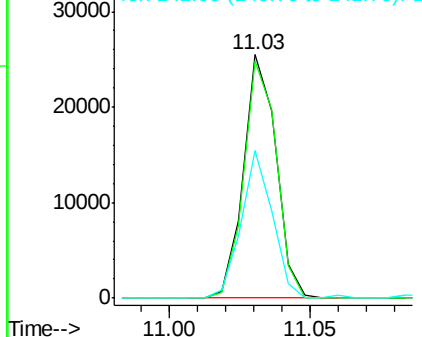


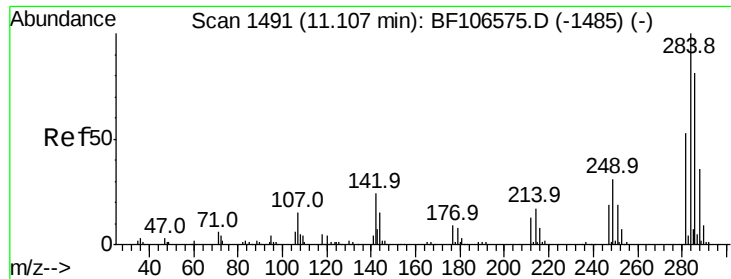
#66
 4-Bromophenyl-phenylether
 Concen: 8.864 ng
 RT: 11.03 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF106684.D
 Acq: 22 Jun 2018 1:48

Tgt Ion:248 Resp: 20398
 Ion Ratio Lower Upper
 248 100
 250 97.5 76.9 115.3
 141 60.7 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

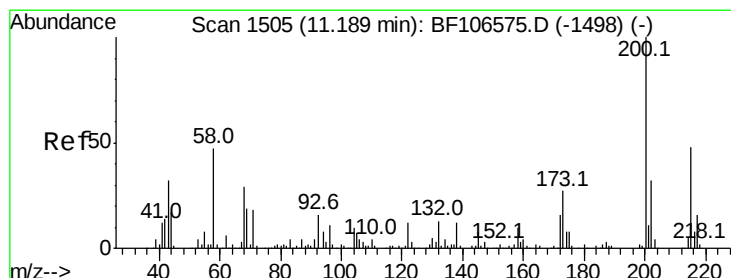
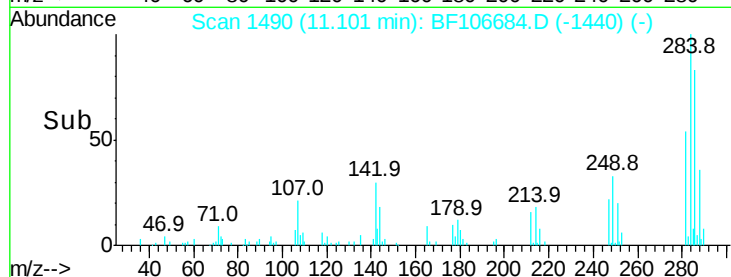
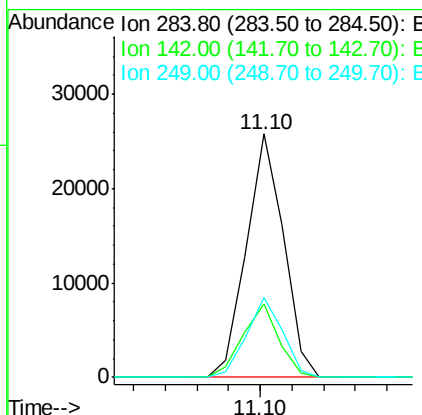
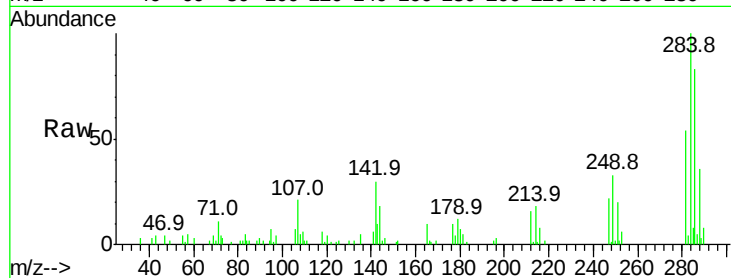




#67
Hexachlorobenzene
Concen: 8.674 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

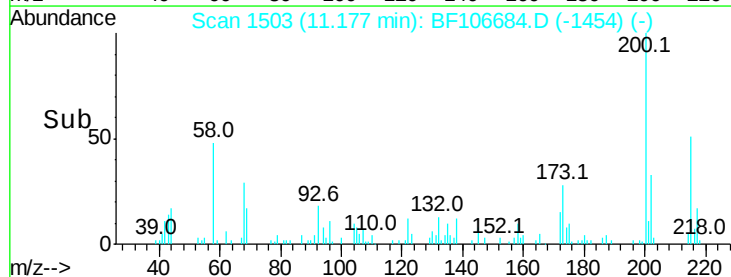
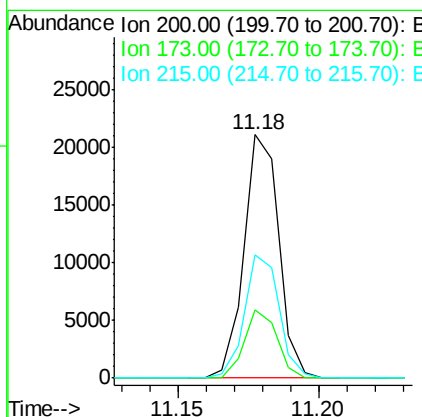
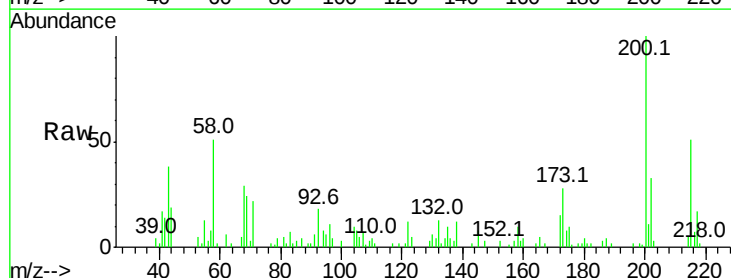
Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

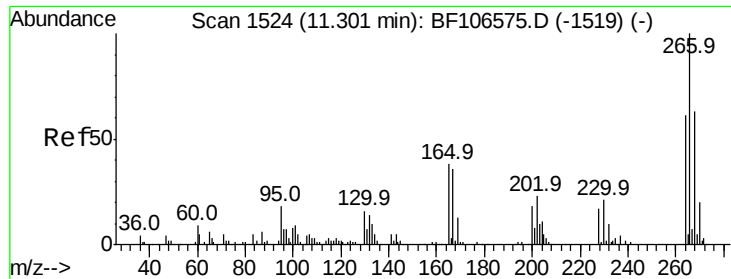
Tot Ion	Ratio	Lower	Upper
284	100		
142	30.2	34.6	52.0#
249	32.7	24.8	37.2



#68
Atrazine
Concen: 8.740 ng
RT: 11.18 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.8	8.6	48.6
215	50.5	25.1	65.1

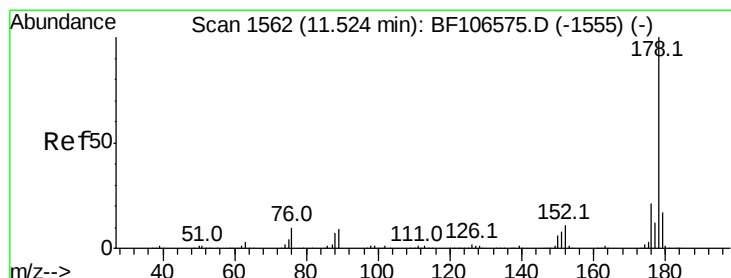
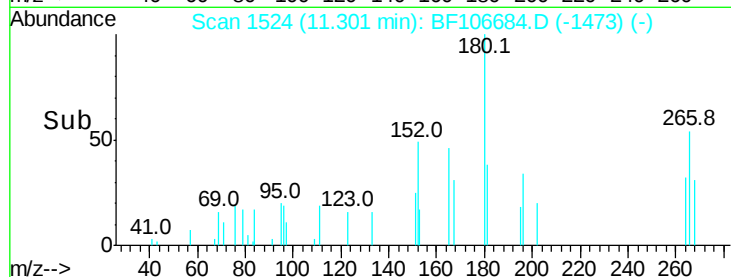
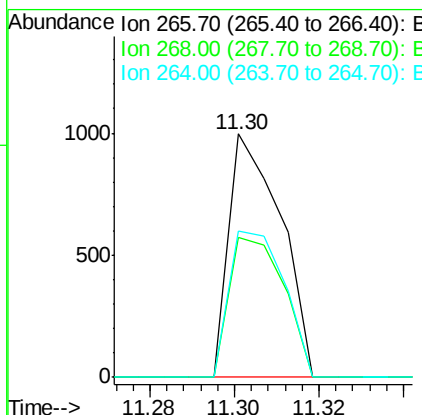
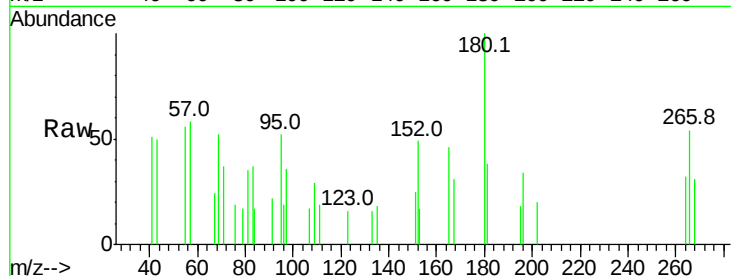




#69
 Pentachlorophenol
 Concen: 0.706 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF106684.D
 Acq: 22 Jun 2018 1:48

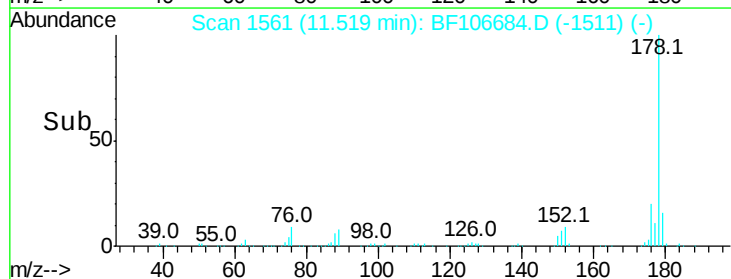
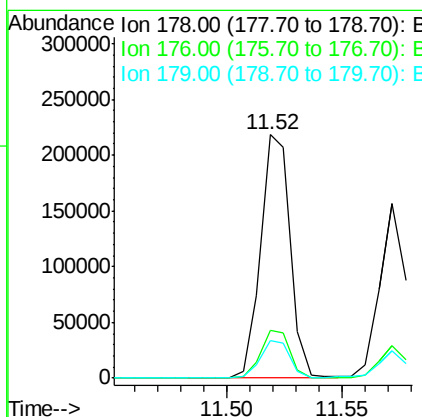
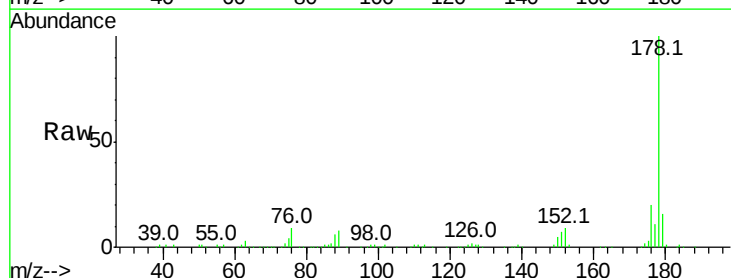
Instrument :
 BNA_F
 ClientSampleId :
 AREA1(S)MSD

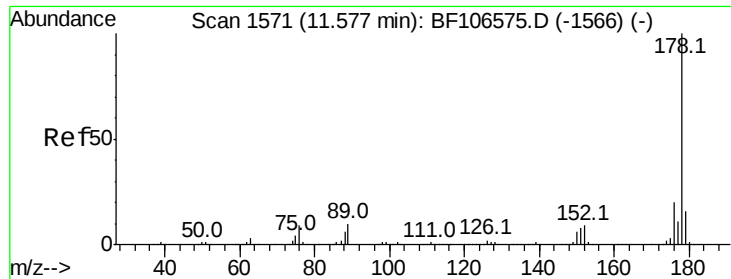
Tot Ion:266 Resp: 849
 Ion Ratio Lower Upper
 266 100
 268 57.5 51.1 76.7
 264 60.2 49.5 74.3



#70
 Phenanthrene
 Concen: 21.023 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF106684.D
 Acq: 22 Jun 2018 1:48

Tgt Ion:178 Resp: 195521
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.5 13.0 19.6





#71

Anthracene

Concen: 12.876 ng

RT: 11.57 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

AREA1(S)MSD

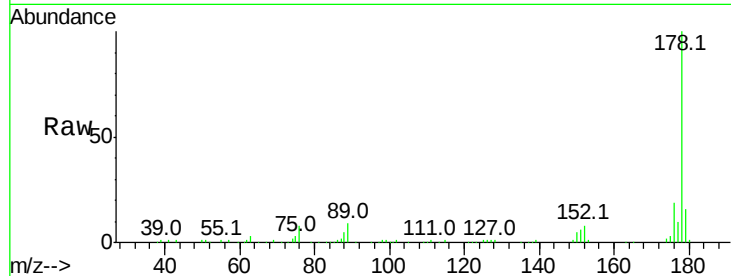
Tot Ion:178 Resp: 122234

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

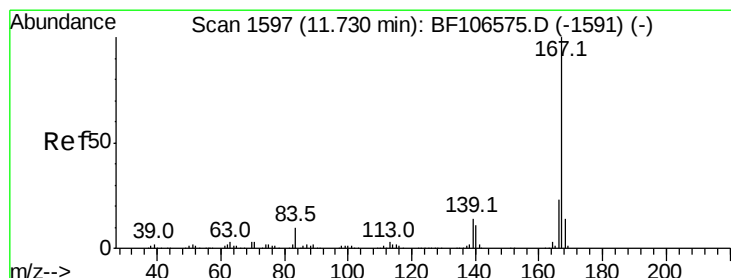
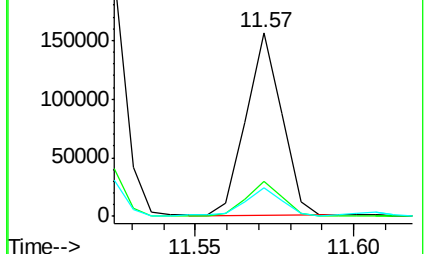
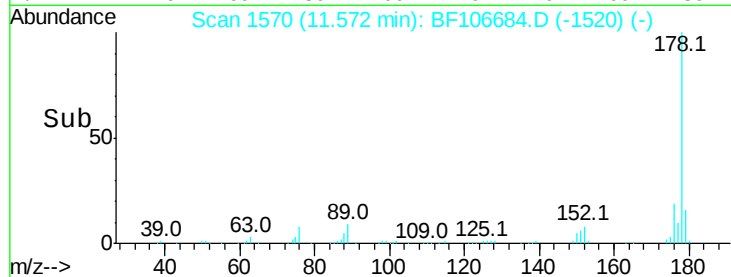
179 15.7 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 10.528 ng

RT: 11.73 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

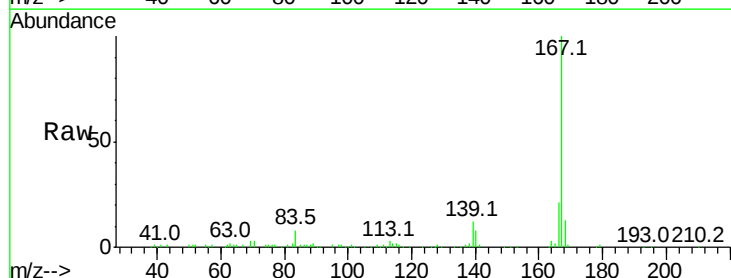
Tgt Ion:167 Resp: 93572

Ion Ratio Lower Upper

167 100

166 21.2 17.6 26.4

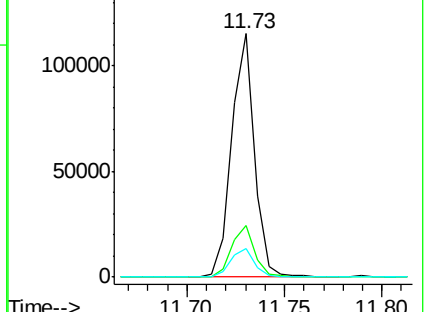
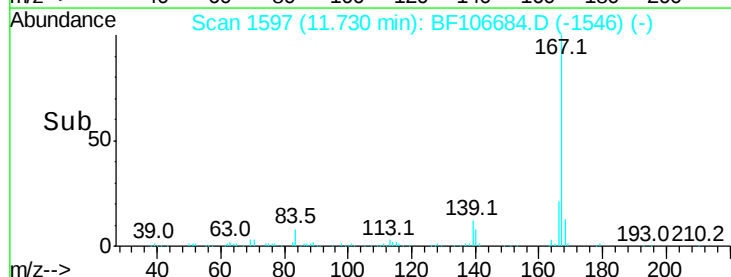
139 11.5 10.9 16.3

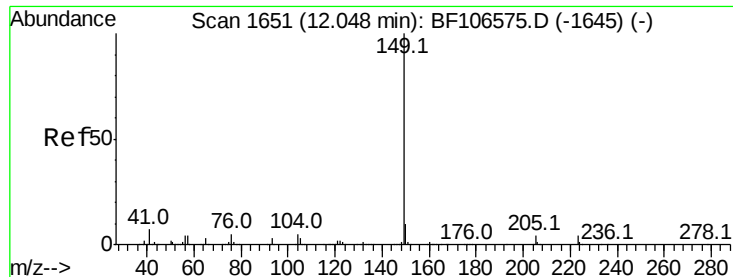


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 9.148 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

AREA1(S)MSD

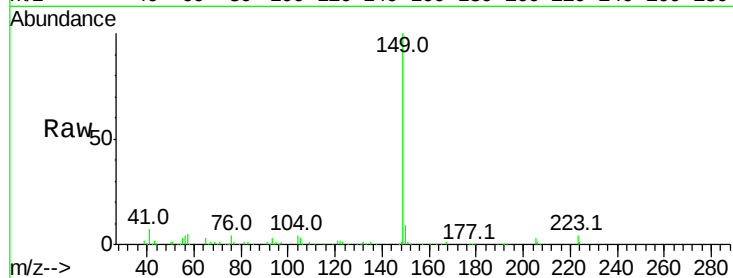
Tot Ion:149 Resp: 95781

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

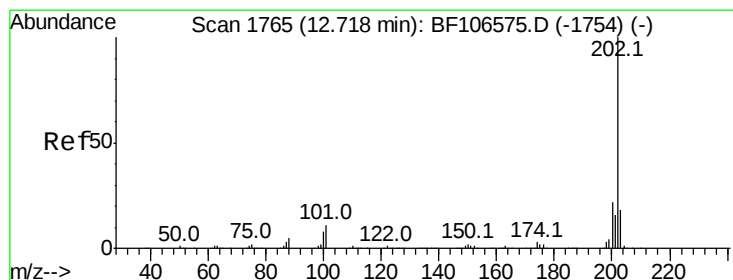
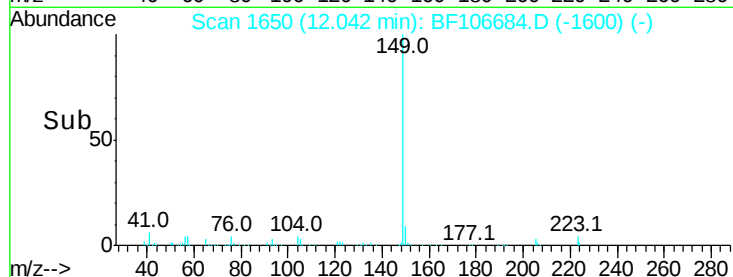
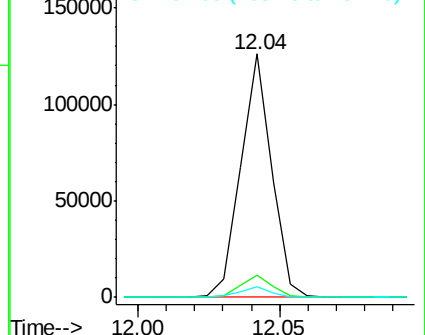
104 4.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 21.645 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

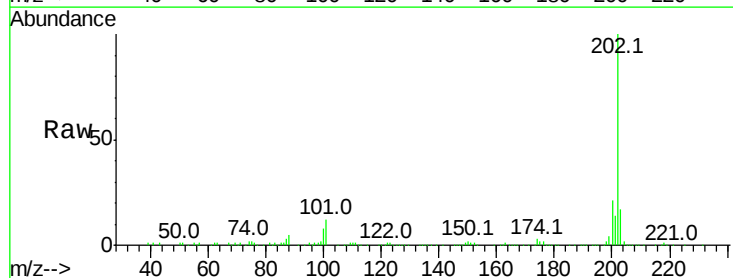
Tgt Ion:202 Resp: 221887

Ion Ratio Lower Upper

202 100

101 11.7 0.0 34.1

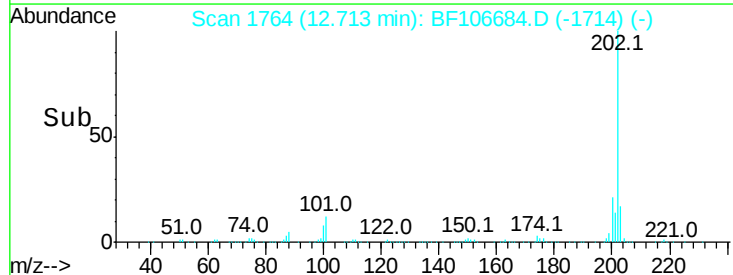
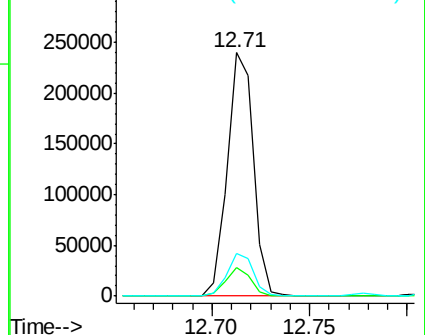
203 17.3 0.0 38.1

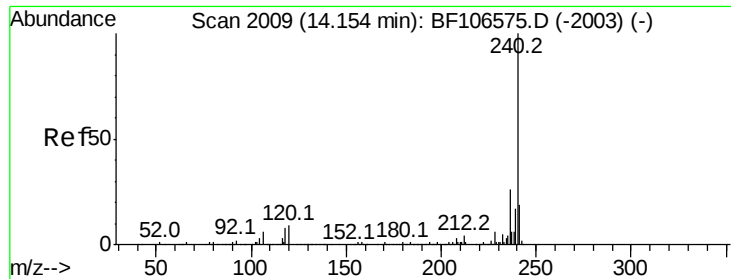


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

AREA1(S)MSD

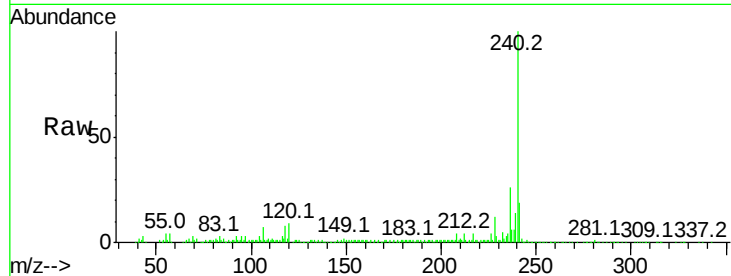
Tot Ion:240 Resp: 155183

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

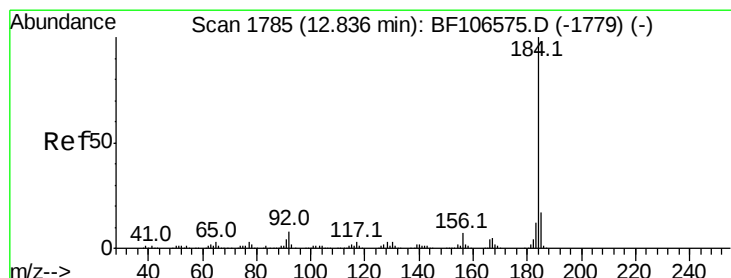
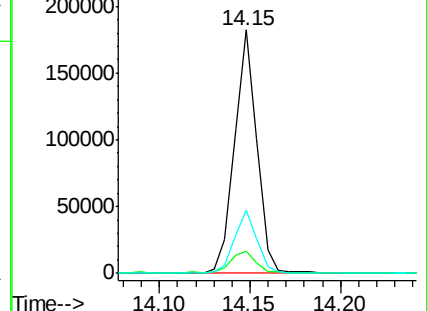
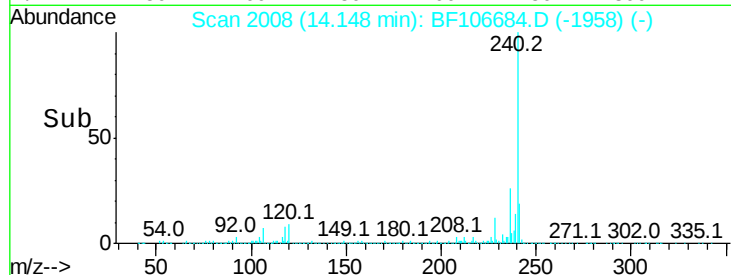
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 5.325 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

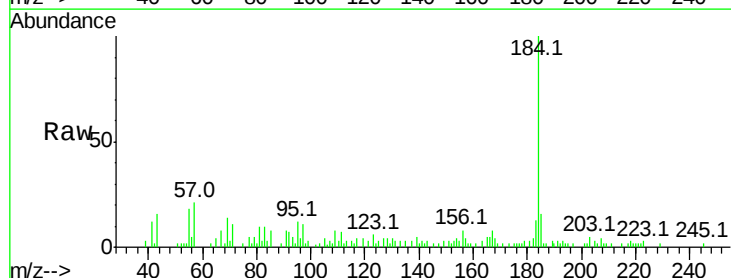
Tgt Ion:184 Resp: 23534

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

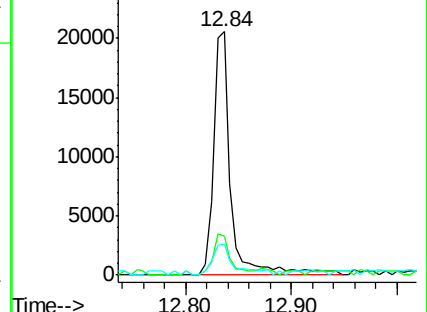
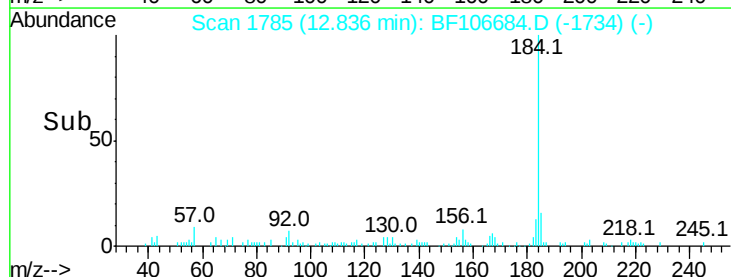
183 12.6 9.3 13.9

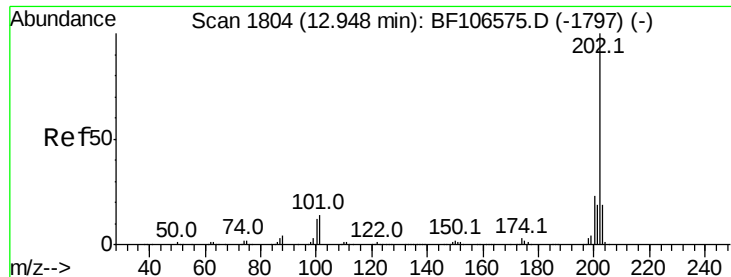


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

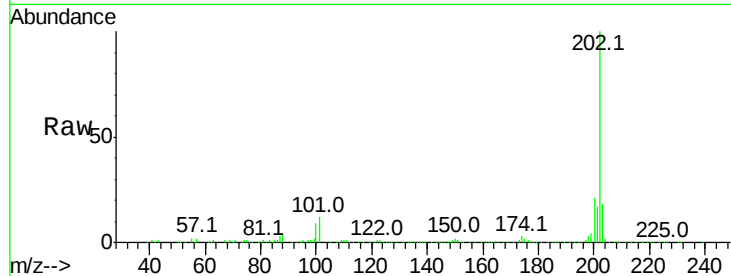




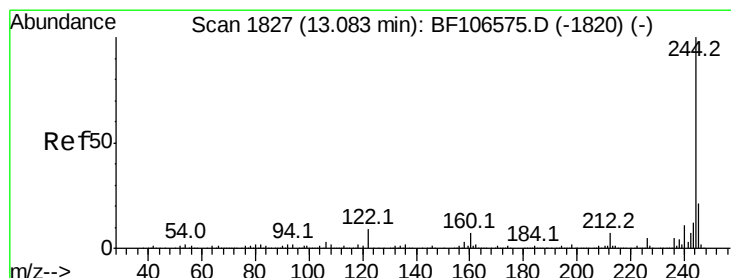
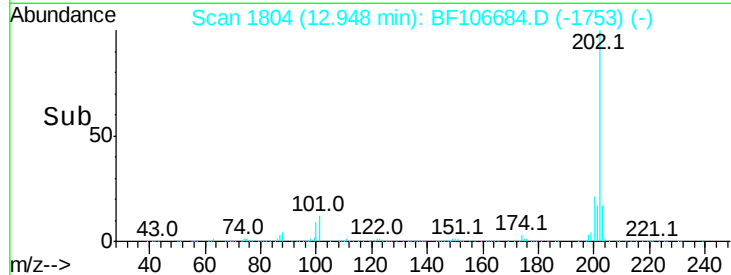
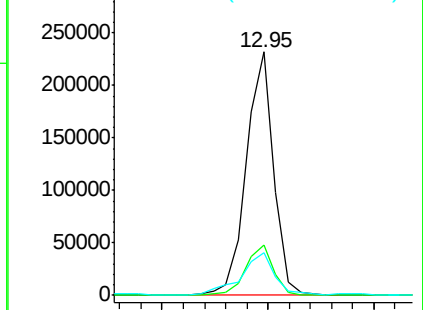
#77
Pvrene
Concen: 20.380 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tot Ion:202 Resp: 208549
Ion Ratio Lower Upper
202 100
200 20.7 17.4 26.2
203 17.7 14.3 21.5

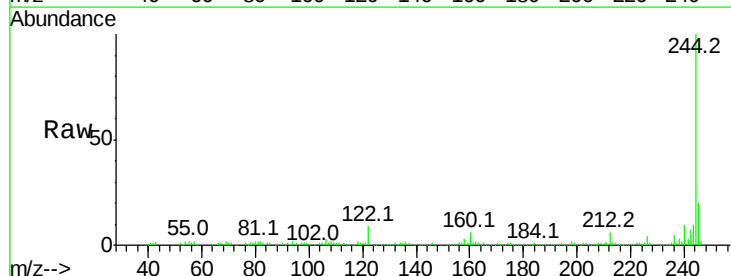


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

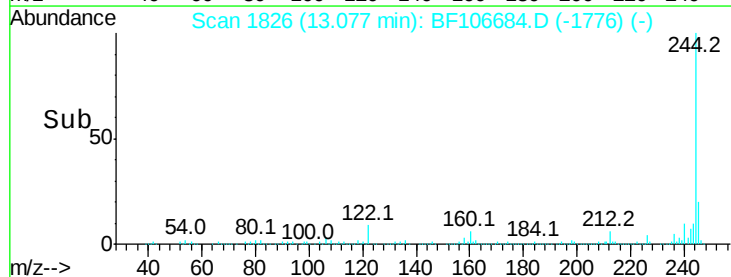
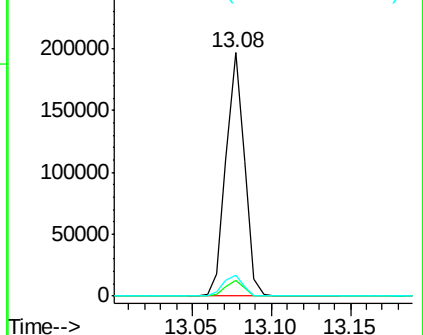


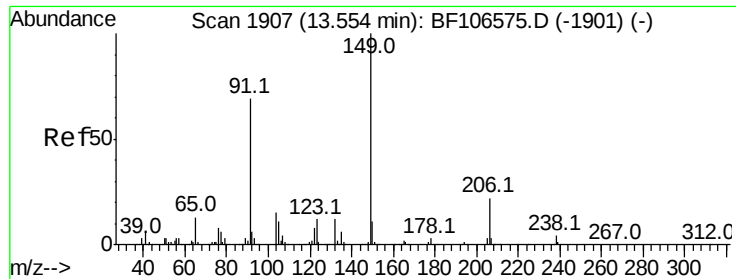
#78
Terphenyl-d14
Concen: 24.954 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:244 Resp: 159866
Ion Ratio Lower Upper
244 100
212 6.2 5.4 8.0
122 8.8 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

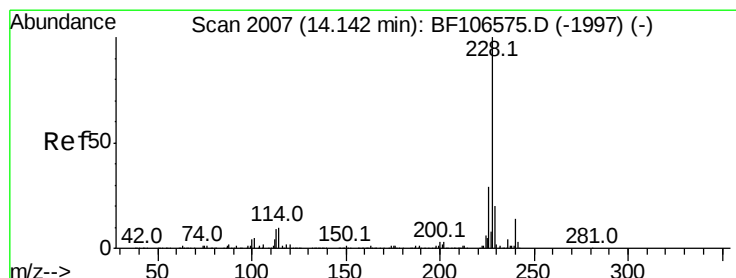
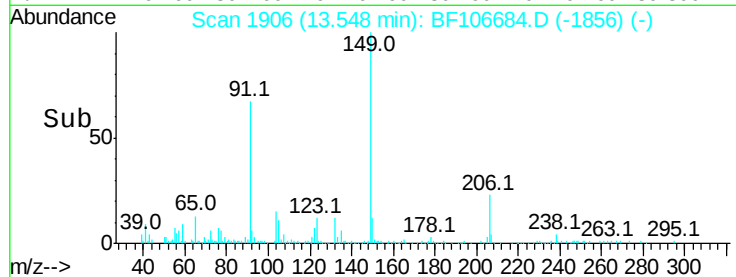
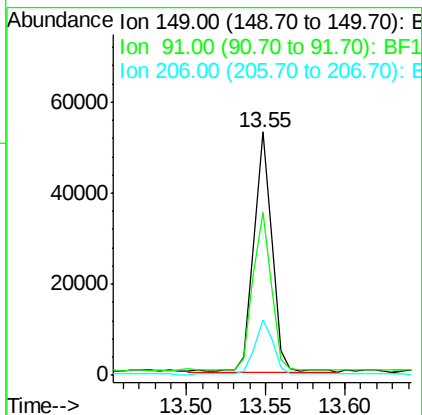
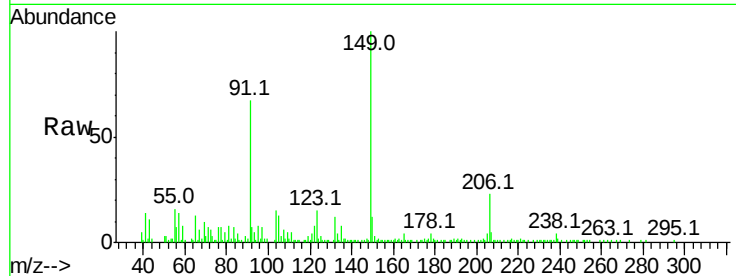




#79
Butylbenzylphthalate
Concen: 9.991 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

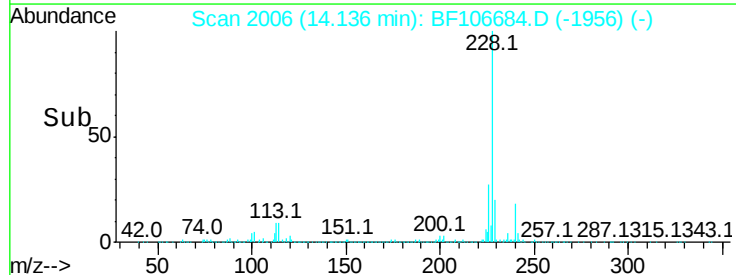
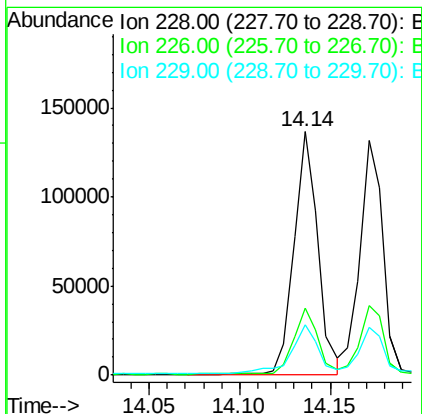
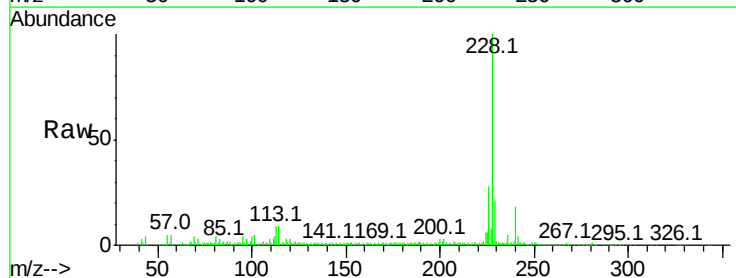
Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

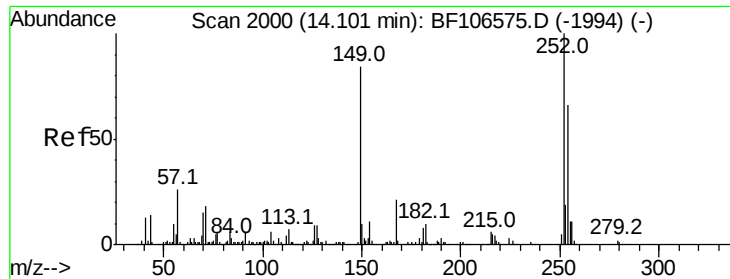
Tot Ion:149 Resp: 42036
Ion Ratio Lower Upper
149 100
91 67.1 56.8 85.2
206 22.8 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 13.307 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:228 Resp: 125857
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.6 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 7.032 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

AREA1(S)MSD

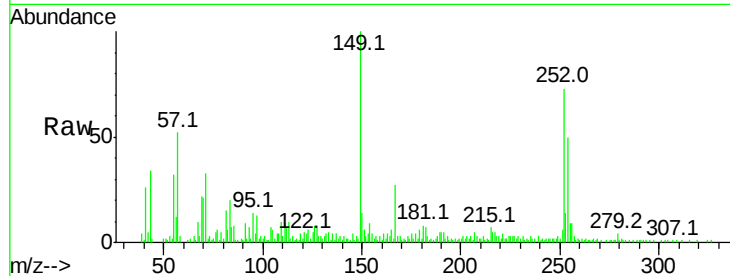
Tot Ion:252 Resp: 23375

Ion Ratio Lower Upper

252 100

254 68.1 50.4 75.6

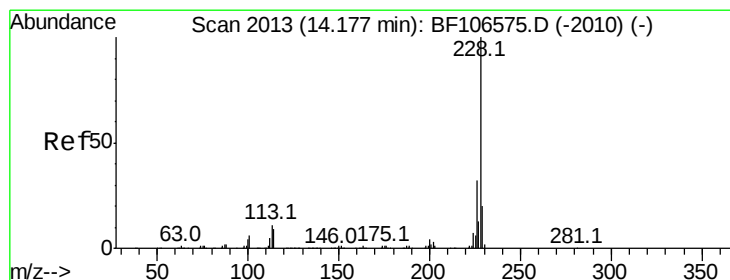
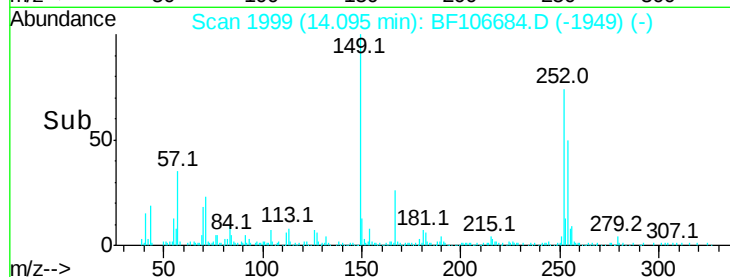
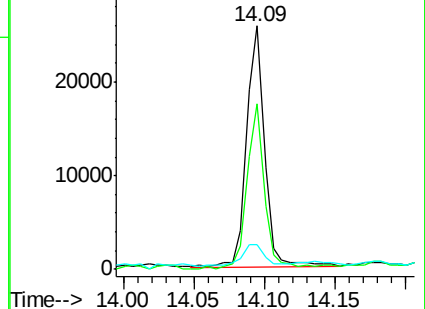
126 10.2 11.3 16.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 13.356 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

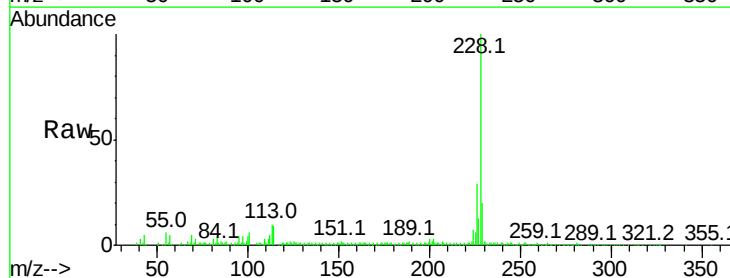
Tgt Ion:228 Resp: 116215

Ion Ratio Lower Upper

228 100

226 29.4 25.0 37.6

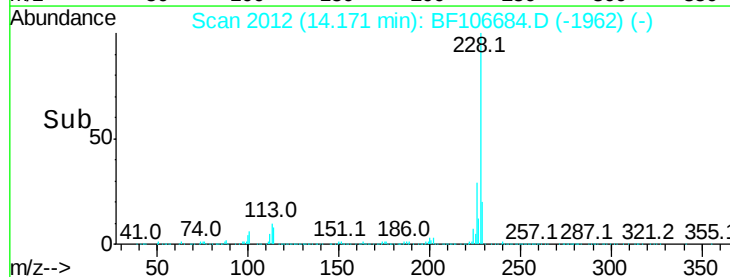
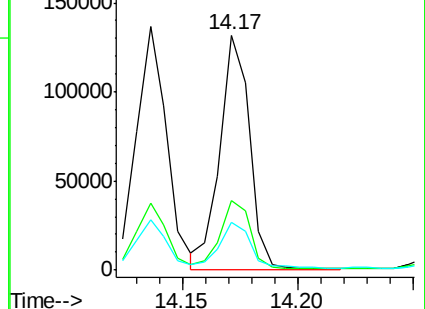
229 20.3 16.2 24.4

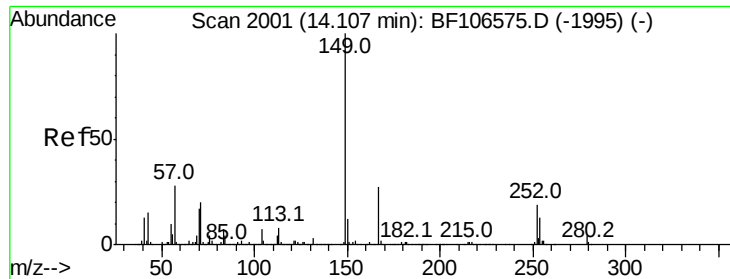


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

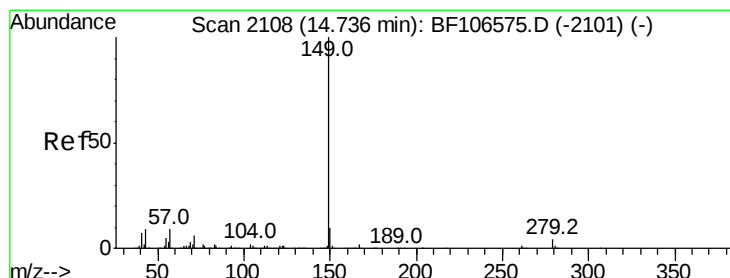
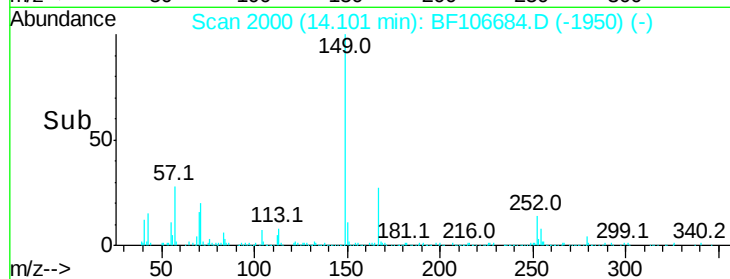
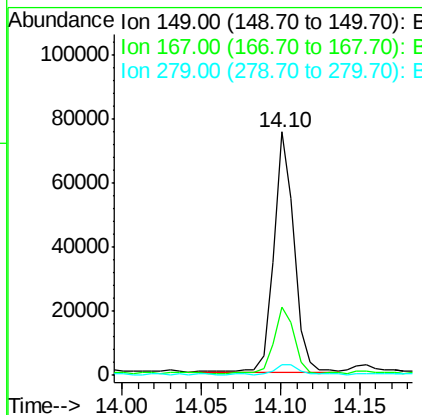
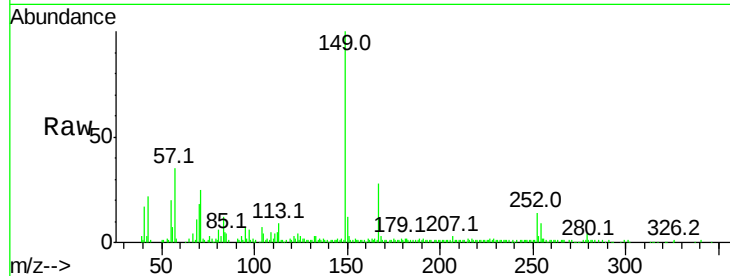




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 12.332 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF106684.D
 Acq: 22 Jun 2018 1:48

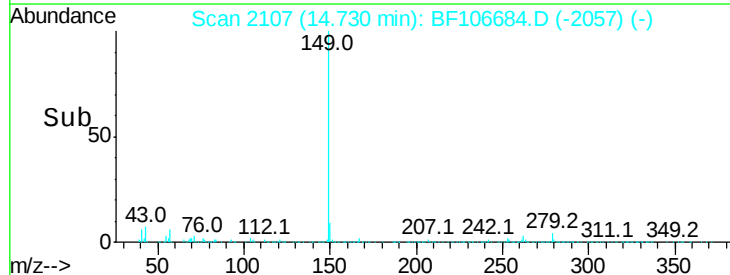
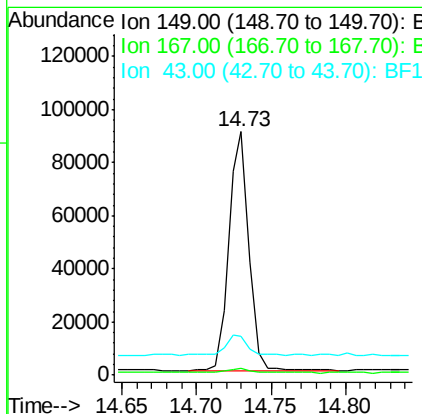
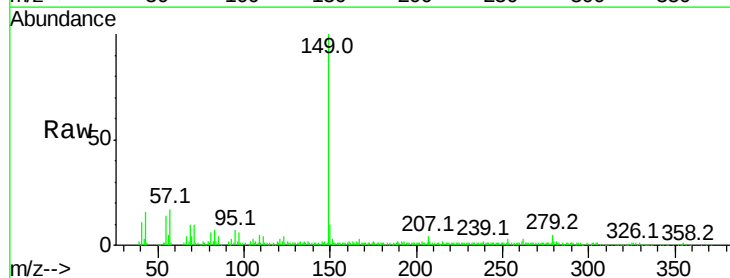
Instrument :
 BNA_F
 ClientSampleId :
 AREA1(S)MSD

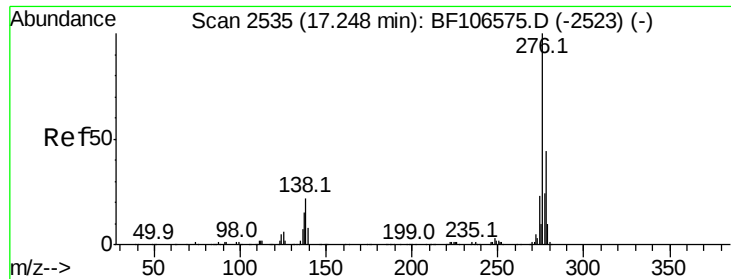
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.3	31.9
279	4.4	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 9.809 ng
 RT: 14.73 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BF106684.D
 Acq: 22 Jun 2018 1:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	2.2	1.2	1.8#
43	11.2	8.4	12.6

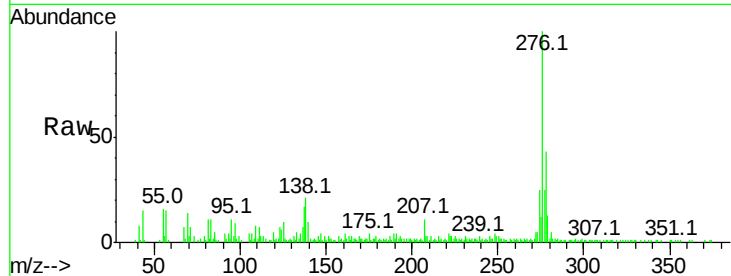




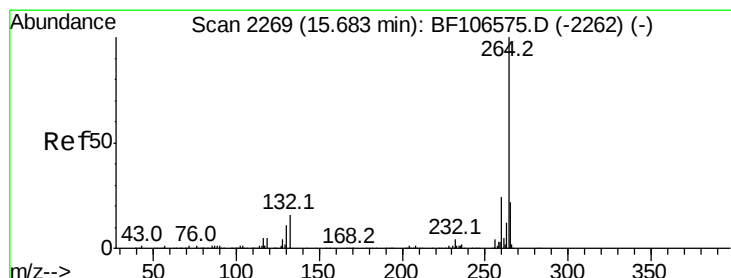
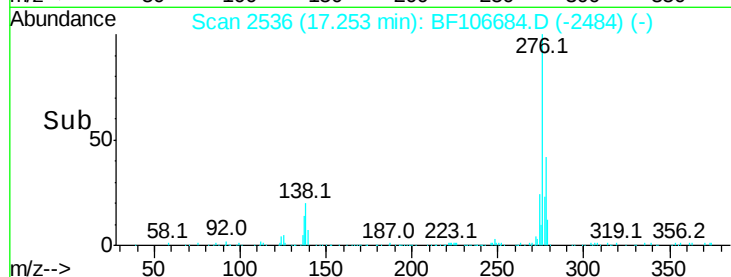
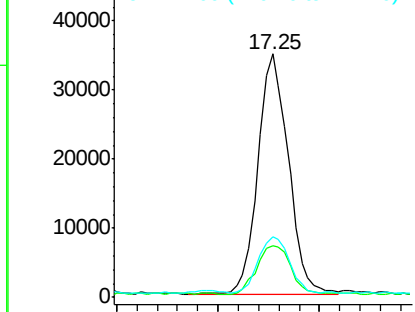
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 9.862 ng
 RT: 17.25 min Scan# 2536
 Delta R.T. 0.01 min
 Lab File: BF106684.D
 Acq: 22 Jun 2018 1:48

Instrument :
 BNA_F
 ClientSampleId :
 AREA1(S)MSD

Tot Ion:276 Resp: 72819
 Ion Ratio Lower Upper
 276 100
 138 22.6 25.0 37.6#
 277 24.2 20.1 30.1

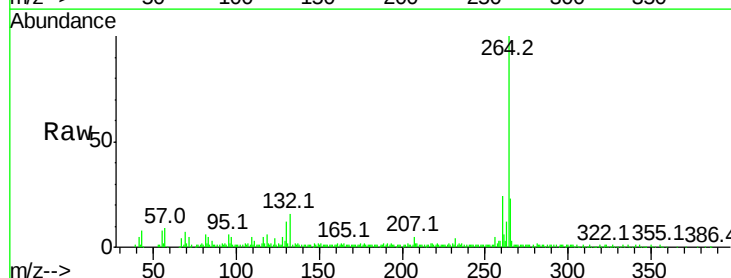


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

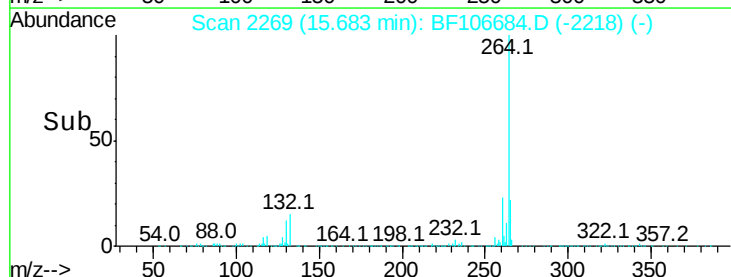
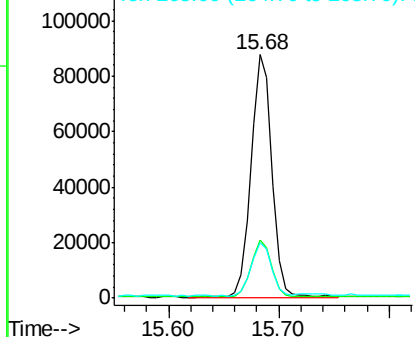


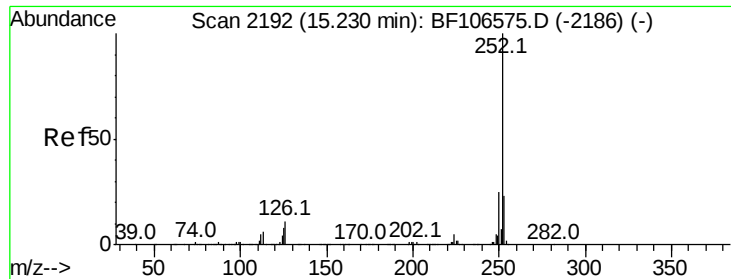
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BF106684.D
 Acq: 22 Jun 2018 1:48

Tgt Ion:264 Resp: 115851
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.8 17.5 26.3



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

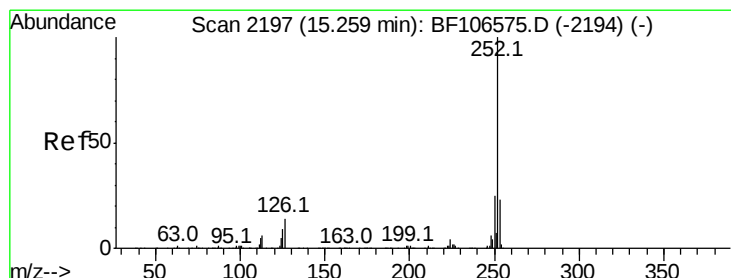
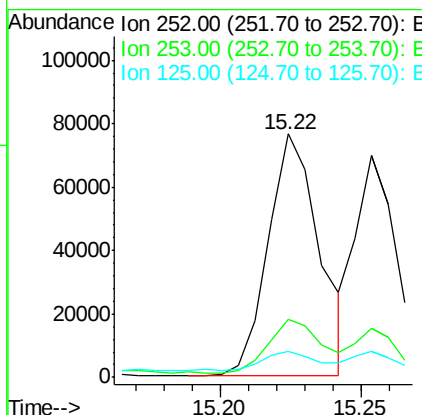
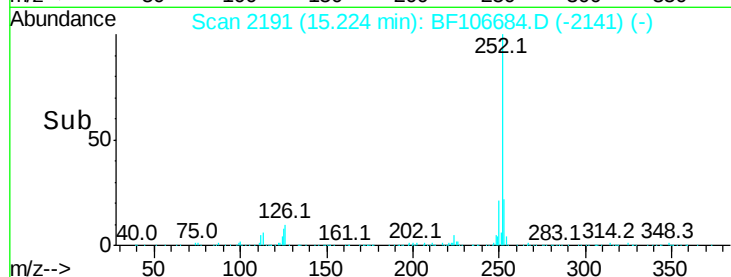
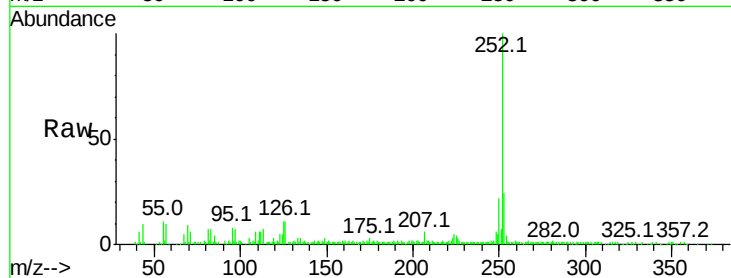




#87
Benzo(b)fluoranthene
Concen: 13.428 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

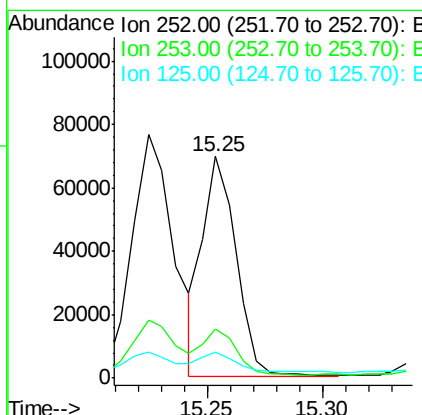
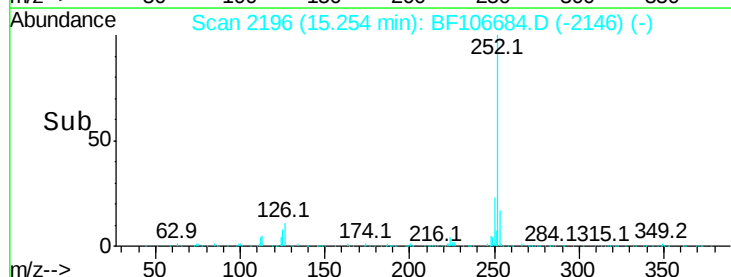
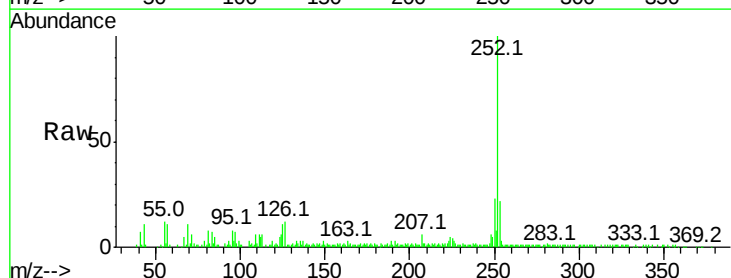
Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

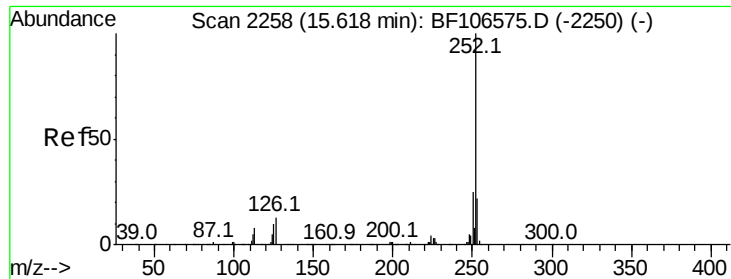
Tot Ion:252 Resp: 96638
Ion Ratio Lower Upper
252 100
253 23.9 17.0 25.6
125 10.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 10.249 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:252 Resp: 70240
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 11.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 12.361 ng

RT: 15.62 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

AREA1(S)MSD

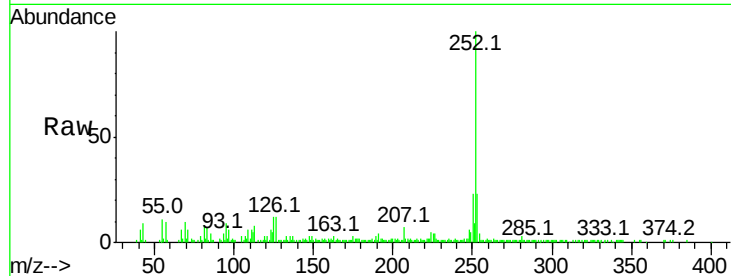
Tot Ion:252 Resp: 79084

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

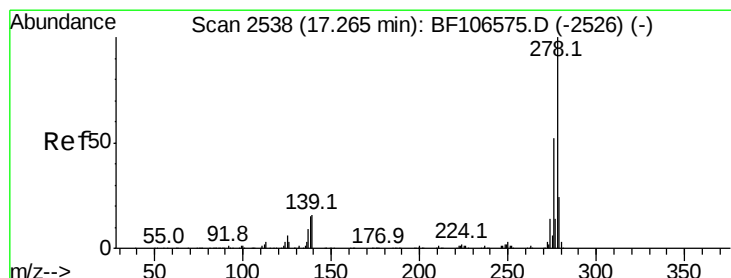
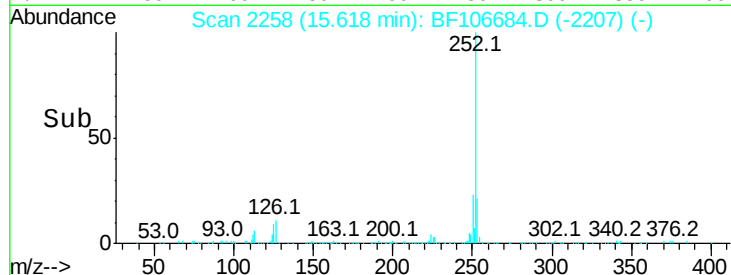
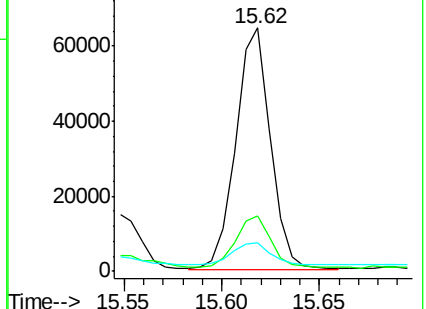
125 11.6 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 9.386 ng

RT: 17.27 min Scan# 2538

Delta R.T. 0.00 min

Lab File: BF106684.D

Acq: 22 Jun 2018 1:48

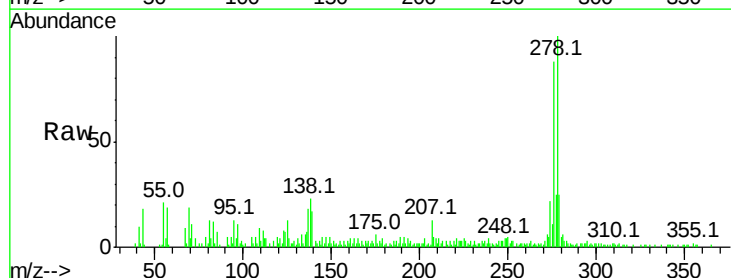
Tgt Ion:278 Resp: 50892

Ion Ratio Lower Upper

278 100

139 16.6 15.9 23.9

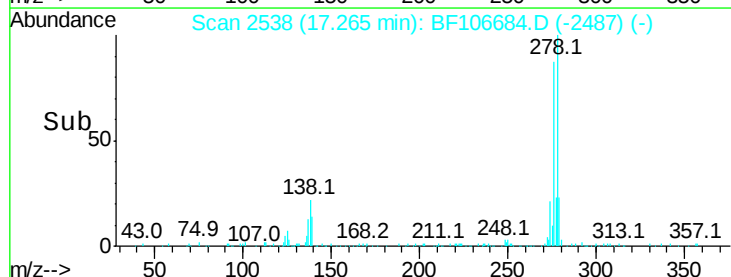
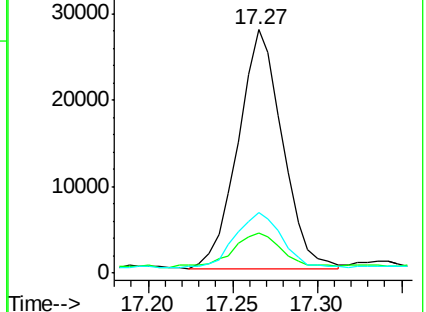
279 24.8 19.0 28.4

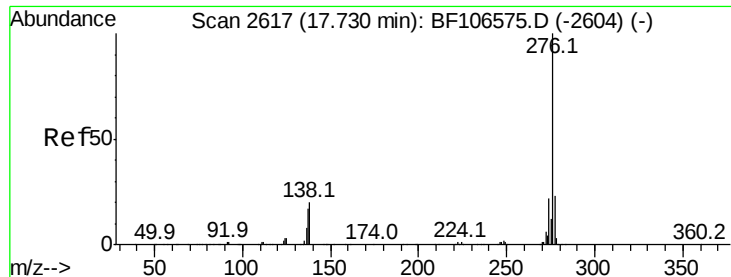


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 11.740 ng
 RT: 17.74 min Scan# 2618
 Delta R.T. 0.01 min
 Lab File: BF106684.D
 Acq: 22 Jun 2018 1:48

Instrument :
 BNA_F
 ClientSampleId :
 AREA1(S)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.9	17.9	26.9
138	20.9	21.8	32.8

