

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
 Data File : BF106683.D
 Acq On : 22 Jun 2018 1:22
 Operator : JU/SJ
 Sample : J3523-02MS 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 03:25:57 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	58945	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	217854	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	101460	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	201628	20.00	ng	0.00
75) Chrysene-d12	14.15	240	166970	20.00	ng	0.00
86) Perylene-d12	15.68	264	124382	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	88469	25.41	ng	0.00
7) Phenol-d6	6.60	99	111696	25.69	ng	0.00
23) Nitrobenzene-d5	7.52	82	64755	16.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	21143	17.98	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	124291	7.24	ng	-0.01
78) Terphenyl-d14	13.08	244	151484	21.98	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.80	88	12048	6.732	ng	99
3) Pyridine	3.60	79	32847	6.768	ng	92
4) n-Nitrosodimethylamine	3.54	42	13236	6.421	ng	82
6) Aniline	6.62	93	27963	4.742	ng	# 86
8) 2-Chlorophenol	6.75	128	29693	7.777	ng	98
9) Benzaldehyde	6.51	77	17993	4.889	ng	95
10) Phenol	6.61	94	43843	8.837	ng	96
11) bis(2-Chloroethyl)ether	6.69	93	31916	7.793	ng	97
12) 1,3-Dichlorobenzene	6.90	146	35998	8.050	ng	97
13) 1,4-Dichlorobenzene	6.98	146	36263	8.021	ng	99
14) 1,2-Dichlorobenzene	7.13	146	34760	8.389	ng	97
15) Benzyl Alcohol	7.10	79	26864	7.696	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.23	45	47018	8.750	ng	91
17) 2-Methylphenol	7.22	107	25234	7.723	ng	# 94
18) Hexachloroethane	7.47	117	6678	4.200	ng	# 87
19) n-Nitroso-di-n-propylamine	7.36	70	21835	7.620	ng	95
20) 3+4-Methylphenols	7.37	107	32491	6.915	ng	86
22) Acetophenone	7.37	105	45066	9.246	ng	# 95
24) Nitrobenzene	7.54	77	31890	7.968	ng	99
25) Isophorone	7.78	82	56925	8.241	ng	100
26) 2-Nitrophenol	7.86	139	7511	3.975	ng	97
27) 2,4-Dimethylphenol	7.90	122	25668	8.790	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	36050	7.773	ng	99
29) 2,4-Dichlorophenol	8.11	162	23464	7.675	ng	95
30) 1,2,4-Trichlorobenzene	8.18	180	28296	8.401	ng	97
31) Naphthalene	8.27	128	91562	8.990	ng	99
32) Benzoic acid	7.90	122	25668	16.372	ng	# 14
33) 4-Chloroaniline	8.31	127	23075	5.399	ng	98
34) Hexachlorobutadiene	8.37	225	18883	8.604	ng	98
35) Caprolactam	8.65	113	6426	6.448	ng	97
36) 4-Chloro-3-methylphenol	8.80	107	23616	7.339	ng	95
37) 2-Methylnaphthalene	8.96	142	62702	9.288	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	29547	8.647	ng	# 95
42) 2,4,6-Trichlorophenol	9.24	196	8695	3.828	ng	93

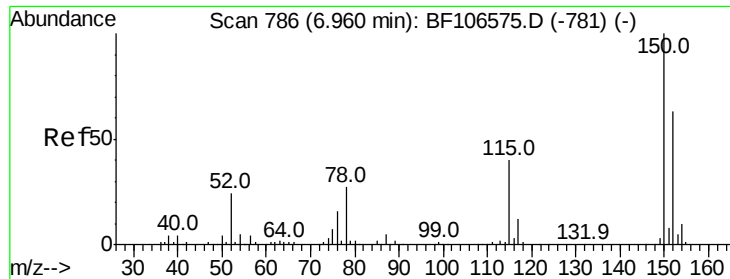
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.29	196	13856	5.846	nq	# 90
45) 1,1'-Biphenyl	9.42	154	70377	8.704	nq	97
46) 2-Chloronaphthalene	9.45	162	49871	7.836	nq	94
47) 2-Nitroaniline	9.54	65	16358	7.643	nq	87
48) Acenaphthylene	9.87	152	79399	7.901	nq	98
49) Dimethylphthalate	9.71	163	79111	10.396	nq	98
50) 2,6-Dinitrotoluene	9.78	165	8826	5.477	nq	92
51) Acenaphthene	10.04	154	51727	8.175	nq	97
52) 3-Nitroaniline	9.95	138	13716	7.397	nq	98
54) Dibenzofuran	10.21	168	77042	8.892	nq	94
56) 2,4-Dinitrotoluene	10.19	165	10309	4.901	nq	# 86
57) Fluorene	10.55	166	62678	9.116	nq	98
59) Diethylphthalate	10.41	149	54833	7.466	nq	94
60) 4-Chlorophenyl-phenylether	10.54	204	28491	7.920	nq	# 83
61) 4-Nitroaniline	10.57	138	15186	8.252	nq	98
62) Azobenzene	10.70	77	50363	6.963	nq	93
65) n-Nitrosodiphenylamine	10.66	169	49094	7.239	nq	99
66) 4-Bromophenyl-phenylether	11.03	248	18526	7.699	nq	# 81
67) Hexachlorobenzene	11.10	284	19009	7.548	nq	# 84
68) Atrazine	11.18	200	17217	7.986	nq	91
70) Phenanthrene	11.52	178	139469	14.341	nq	98
71) Anthracene	11.57	178	100252	10.100	nq	98
72) Carbazole	11.73	167	80836	8.698	nq	97
73) Di-n-butylphthalate	12.04	149	86209	7.874	nq	99
74) Fluoranthene	12.71	202	166051	15.492	nq	96
76) Benzidine	12.83	184	21331	4.486	nq	97
77) Pyrene	12.95	202	161187	14.639	nq	99
79) Butylbenzylphthalate	13.55	149	36746	8.117	nq	# 98
80) Benzo(a)anthracene	14.14	228	103993	10.219	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	23674	6.619	nq	# 95
82) Chrysene	14.17	228	96846	10.344	nq	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	58664	10.136	nq	# 97
84) Di-n-octyl phthalate	14.73	149	74883	7.938	nq	# 94
85) Indeno(1,2,3-cd)pyrene	17.26	276	63750	8.024	nq	# 91
87) Benzo(b)fluoranthene	15.22	252	79606	10.303	nq	94
88) Benzo(k)fluoranthene	15.25	252	62021	8.429	nq	97
89) Benzo(a)pyrene	15.62	252	69131	10.065	nq	97
90) Dibenzo(a,h)anthracene	17.27	278	46348	7.962	nq	94
91) Benzo(g,h,i)perylene	17.74	276	54223	9.530	nq	# 91

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

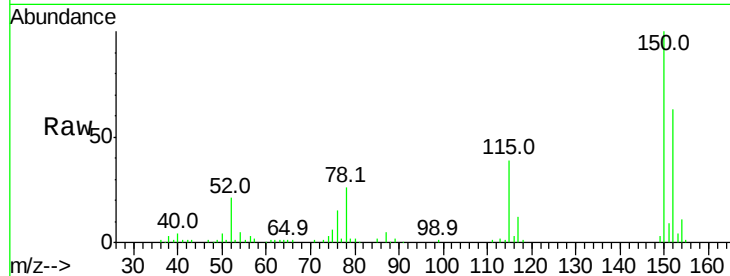


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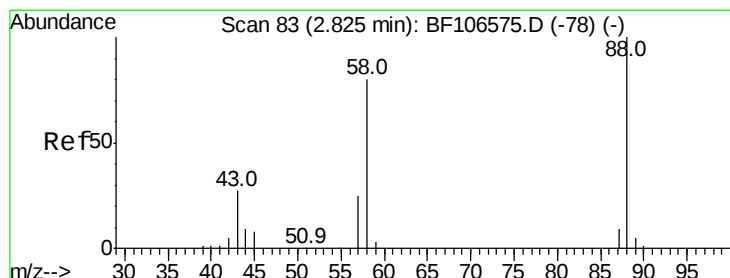
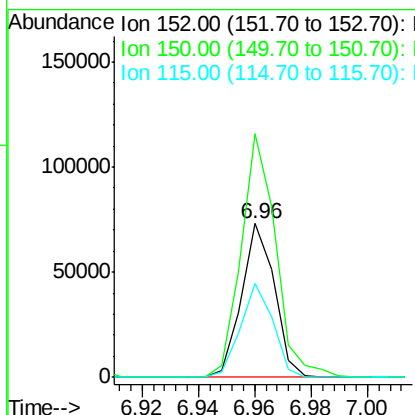
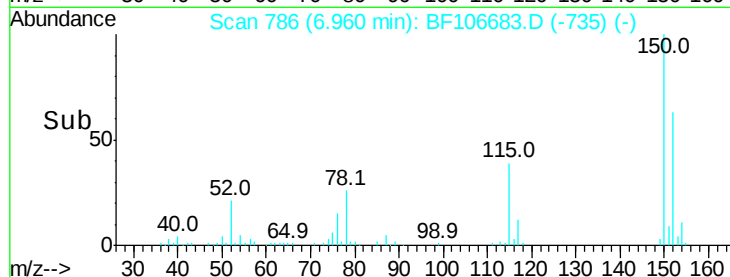
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 58945
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 61.4 50.1 75.1



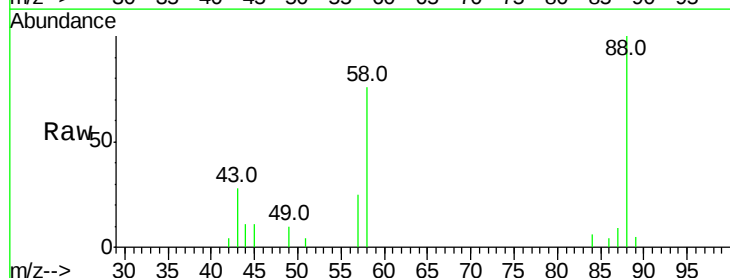
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



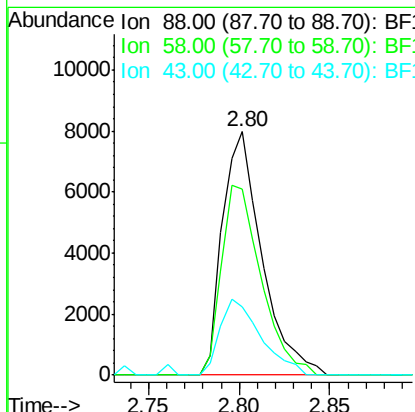
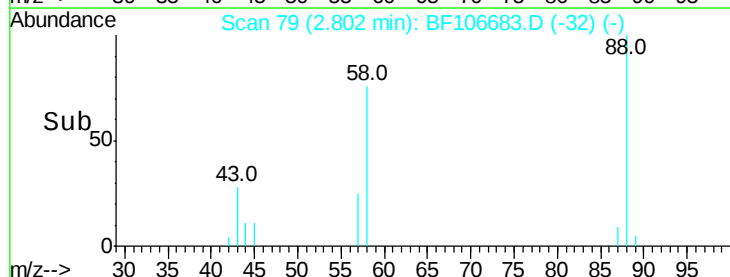
#2

1,4-Dioxane
Concen: 6.732 ng
RT: 2.80 min Scan# 79
Delta R.T. -0.02 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

Tgt Ion: 88 Resp: 12048
Ion Ratio Lower Upper
88 100
58 78.5 62.6 93.8
43 32.5 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

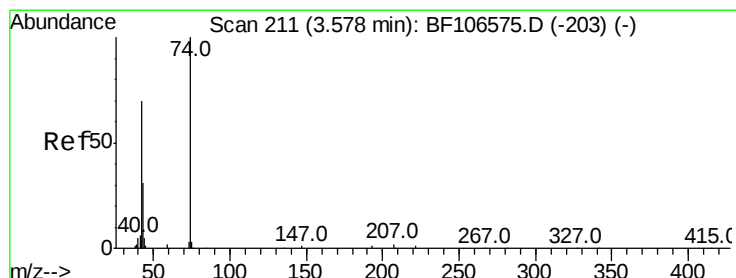
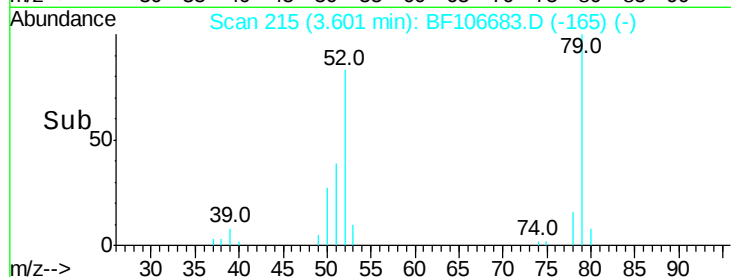
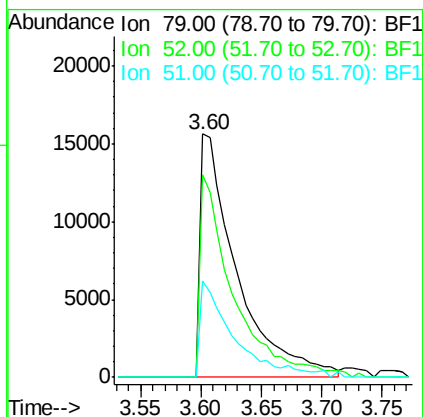
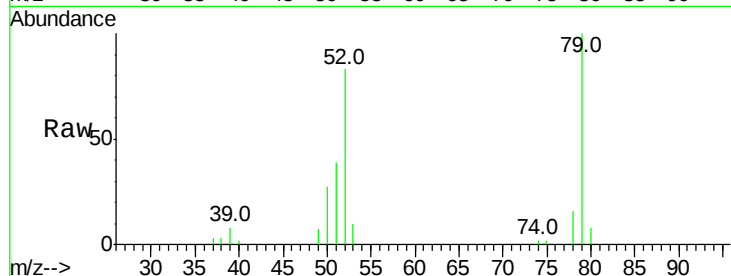




#3
 Pvridine
 Concen: 6.768 ng
 RT: 3.60 min Scan# 215
 Delta R.T. -0.01 min
 Lab File: BF106683.D
 Acq: 22 Jun 2018 1:22

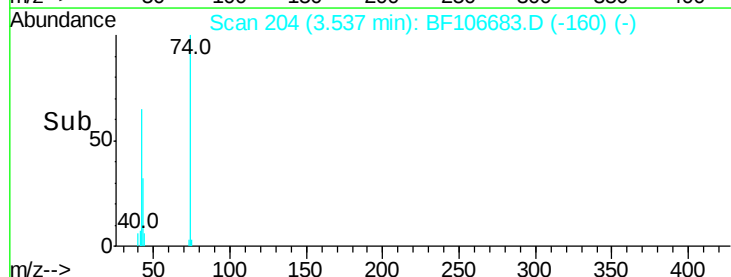
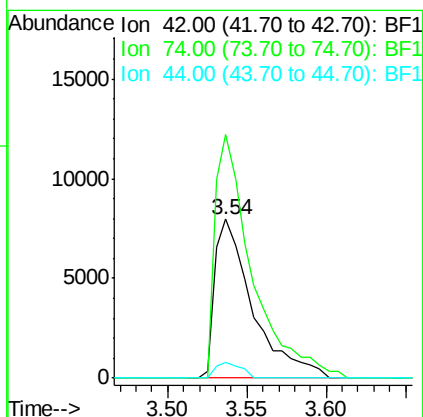
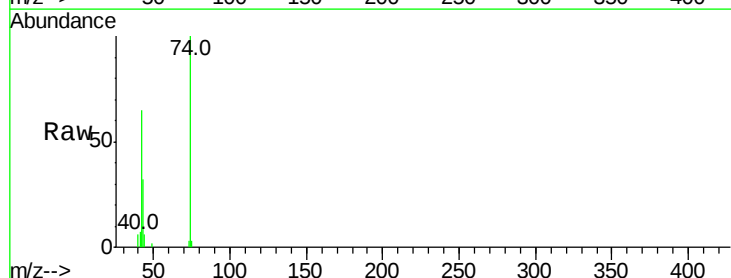
Instrument :
 BNA_F
 ClientSampleId :

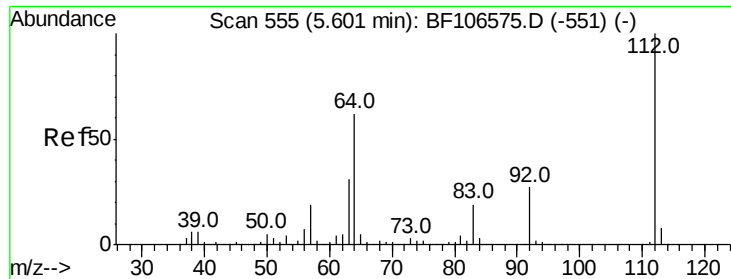
Tot Ion: 79 Resp: 32847
 Ion Ratio Lower Upper
 79 100
 52 83.2 59.8 89.6
 51 39.3 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 6.421 ng
 RT: 3.54 min Scan# 204
 Delta R.T. -0.04 min
 Lab File: BF106683.D
 Acq: 22 Jun 2018 1:22

Tgt Ion: 42 Resp: 13236
 Ion Ratio Lower Upper
 42 100
 74 153.6 104.9 157.3
 44 9.6 6.9 10.3





#5

2-Fluorophenol

Concen: 25.415 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

Instrument :

BNA_F

ClientSampleId :

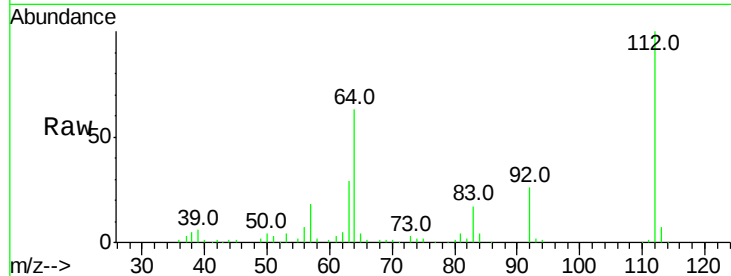
Tot Ion:112 Resp: 88469

Ion Ratio Lower Upper

112 100

64 62.8 47.9 71.9

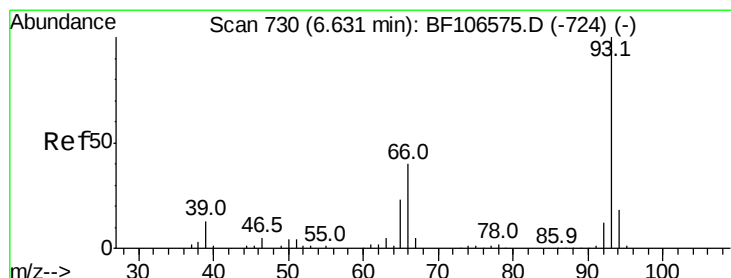
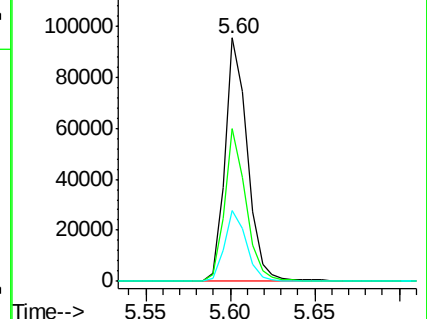
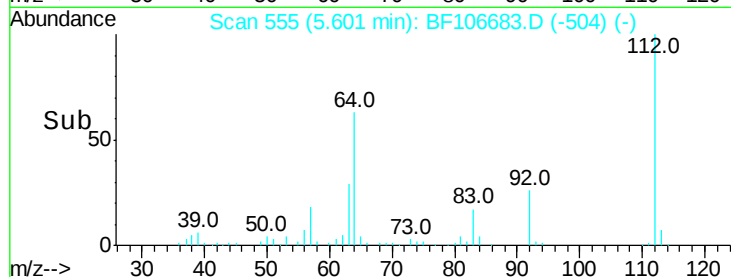
63 29.1 23.7 35.5



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: 4.742 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

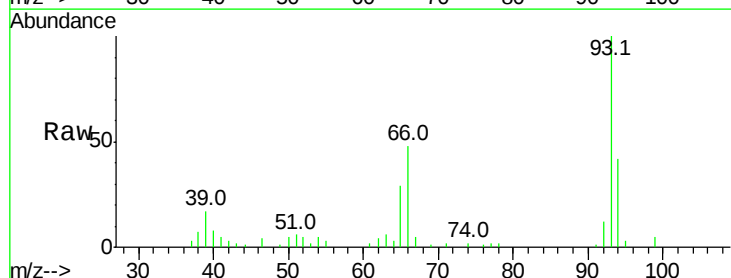
Tgt Ion: 93 Resp: 27963

Ion Ratio Lower Upper

93 100

66 47.8 32.2 48.2

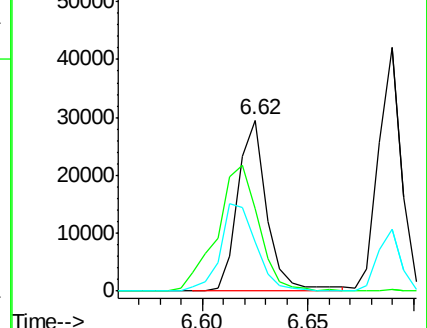
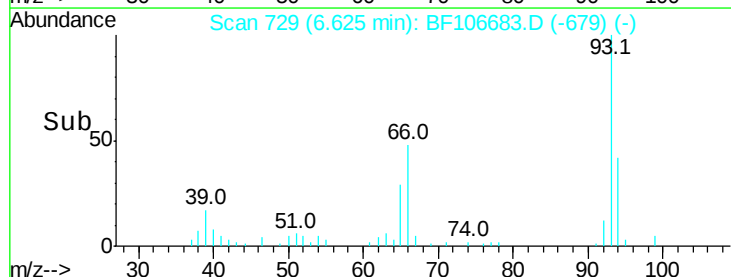
65 28.9 16.4 24.6#

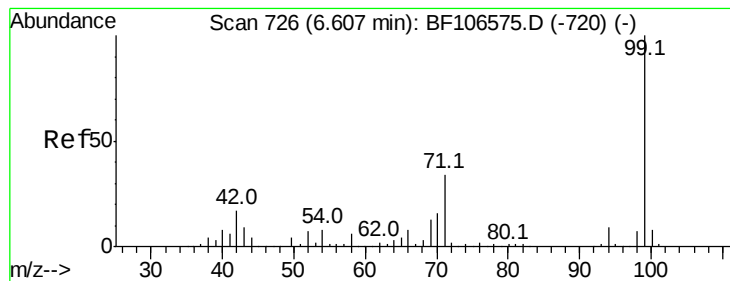


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 25.694 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

Instrument :

BNA_F

ClientSampleId :

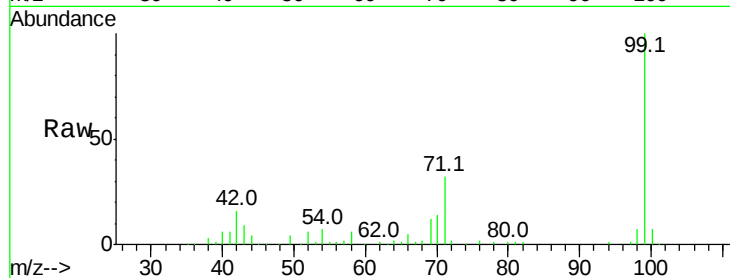
Tot Ion: 99 Resp: 111696

Ion Ratio Lower Upper

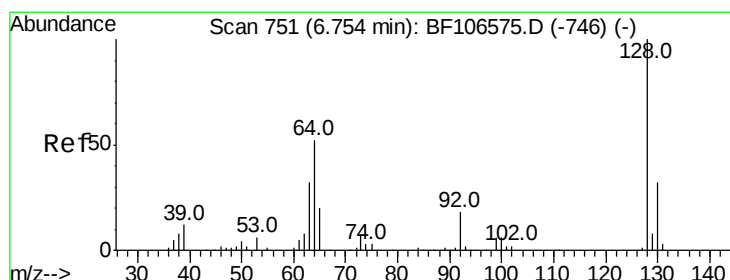
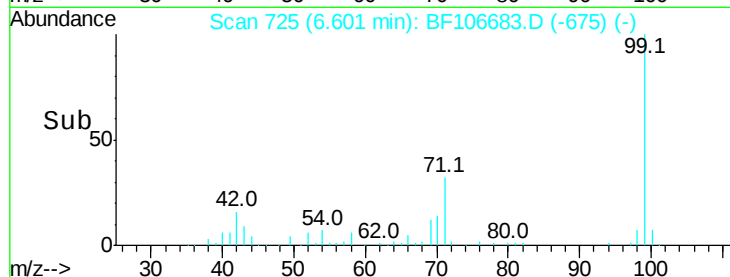
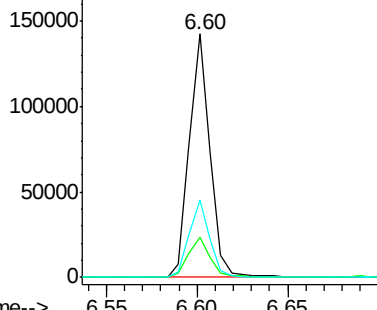
99 100

42 16.2 14.5 21.7

71 32.0 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: 7.777 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

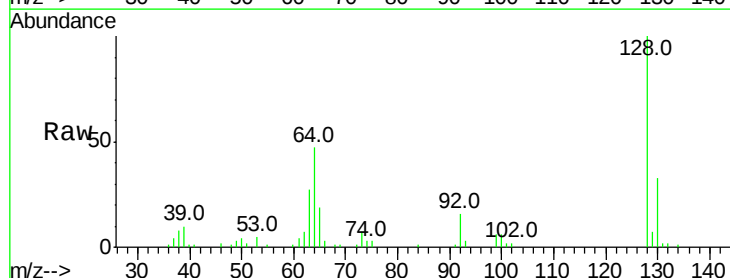
Tgt Ion:128 Resp: 29693

Ion Ratio Lower Upper

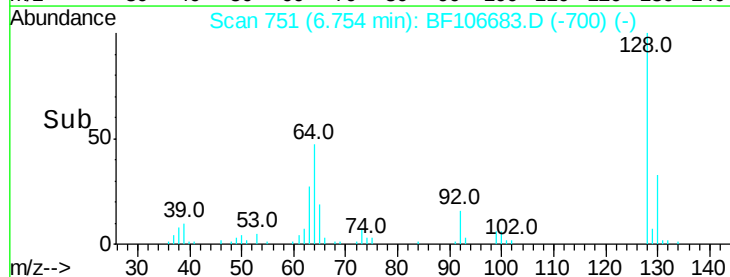
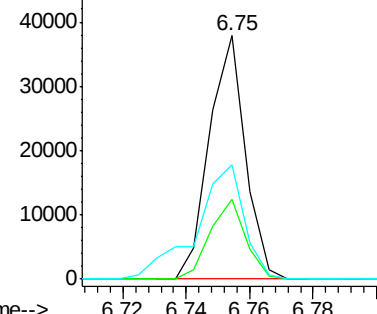
128 100

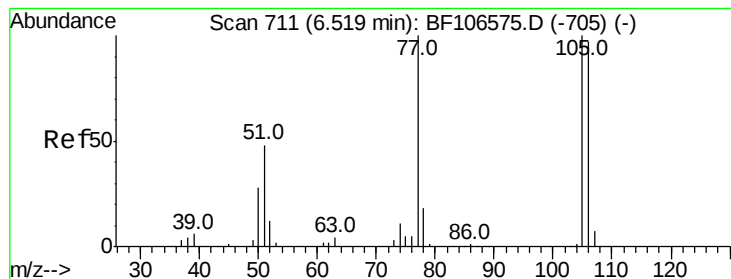
130 32.7 13.0 53.0

64 47.2 29.4 69.4



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





#9

Benzaldehyde

Concen: 4.889 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

Instrument :

BNA_F

ClientSampleId :

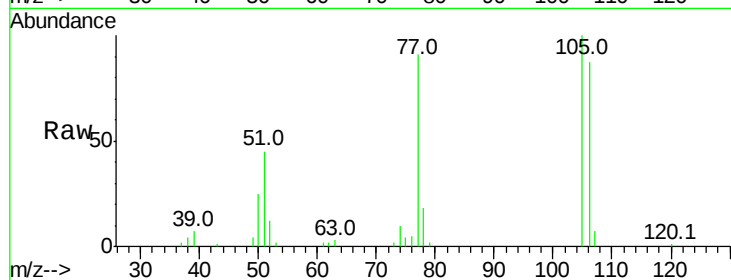
Tot Ion: 77 Resp: 17993

Ion Ratio Lower Upper

77 100

105 109.4 81.1 121.1

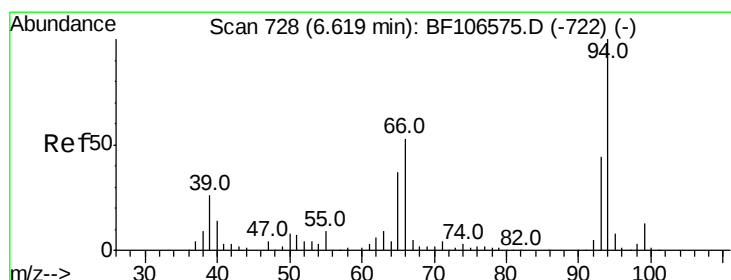
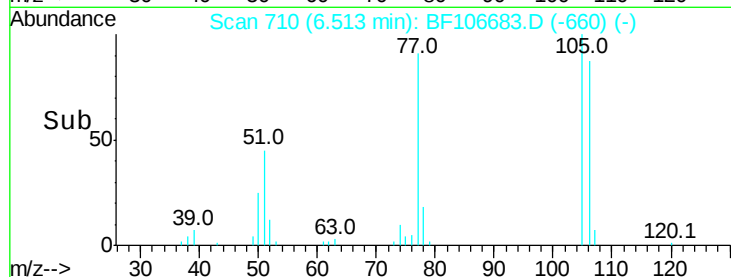
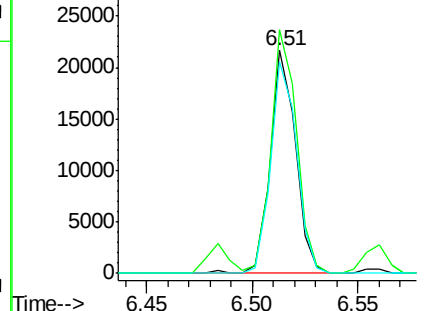
106 95.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 8.837 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

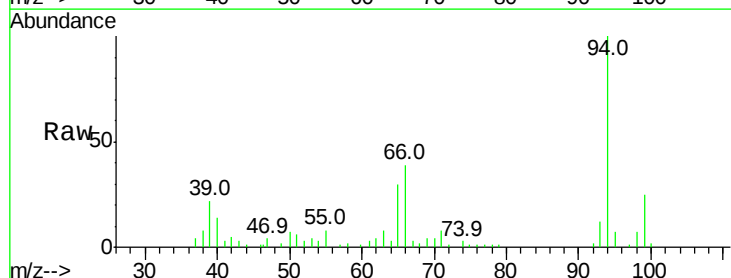
Tgt Ion: 94 Resp: 43843

Ion Ratio Lower Upper

94 100

65 29.7 7.9 47.9

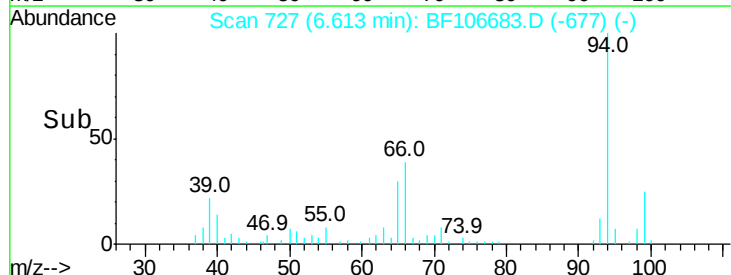
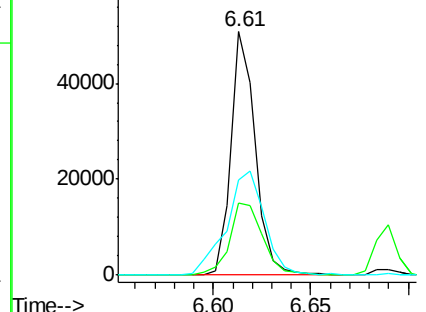
66 39.0 16.2 56.2

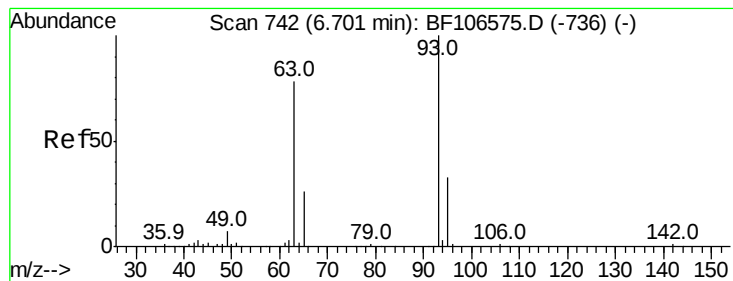


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



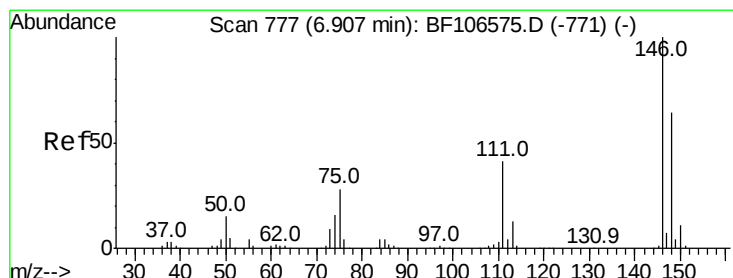
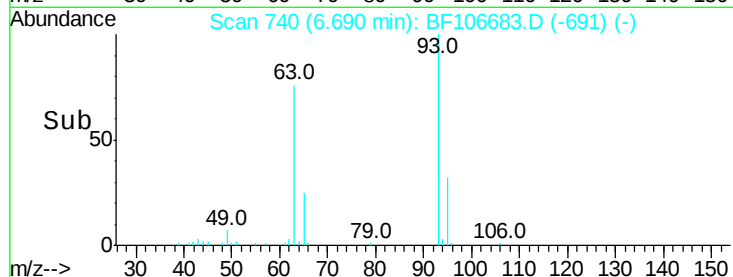
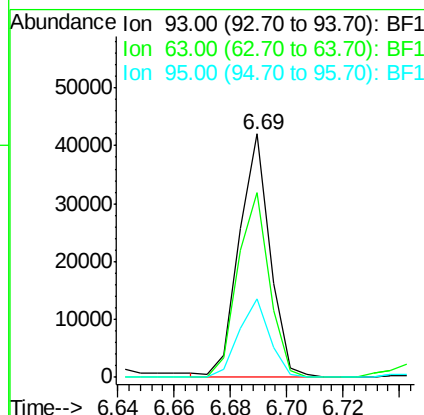
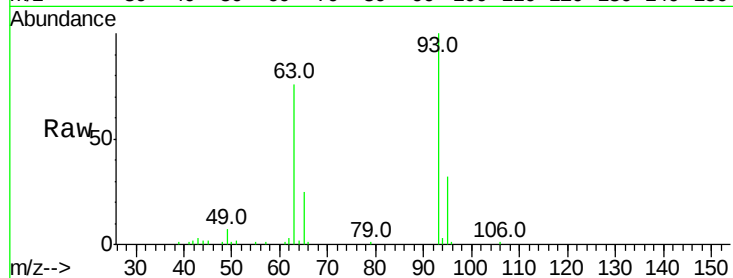


#11
 bis(2-Chloroethyl)ether
 Concen: 7.793 ng
 RT: 6.69 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF106683.D
 Acq: 22 Jun 2018 1:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 31916

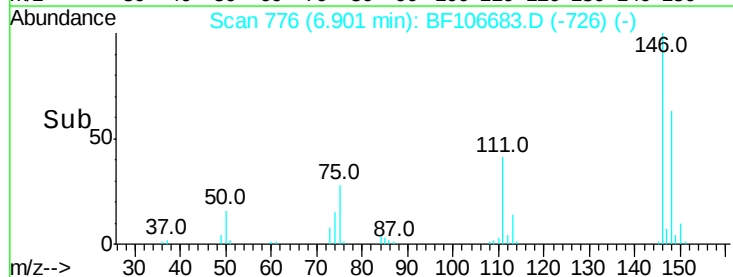
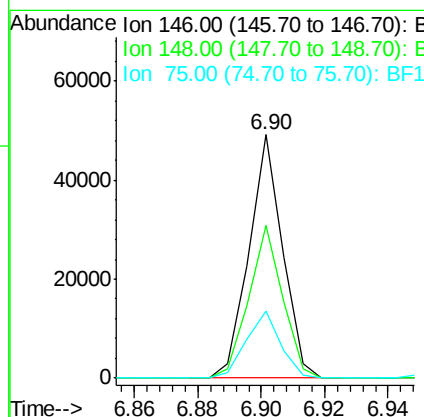
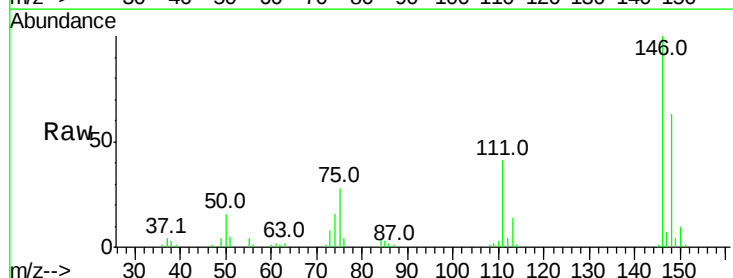
Ion	Ratio	Lower	Upper
93	100		
63	75.7	58.6	98.6
95	32.1	11.8	51.8

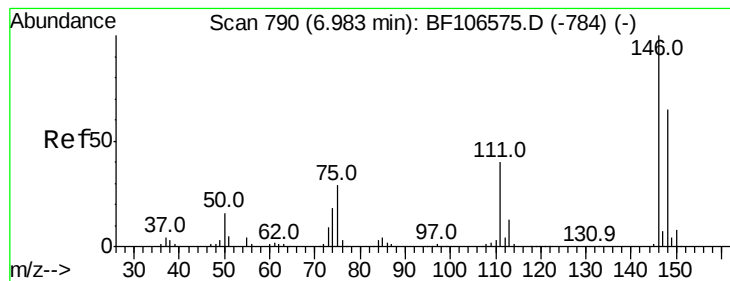


#12
 1,3-Dichlorobenzene
 Concen: 8.050 ng
 RT: 6.90 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF106683.D
 Acq: 22 Jun 2018 1:22

Tgt Ion: 146 Resp: 35998

Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.8	77.8
75	27.7	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 8.021 ng

RT: 6.98 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

Instrument :

BNA_F

ClientSampleId :

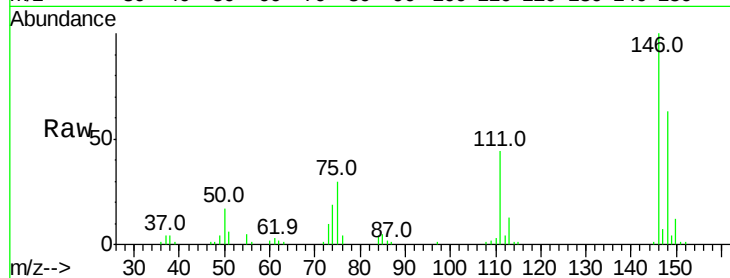
Tot Ion:146 Resp: 36263

Ion Ratio Lower Upper

146 100

148 63.2 50.8 76.2

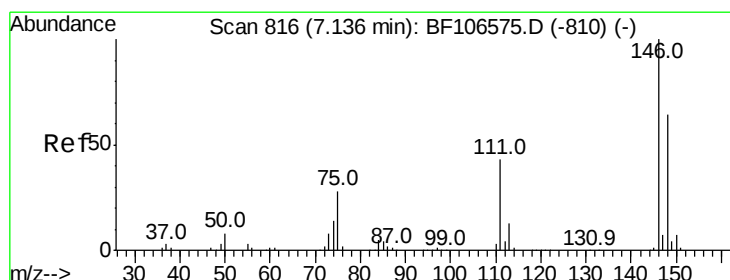
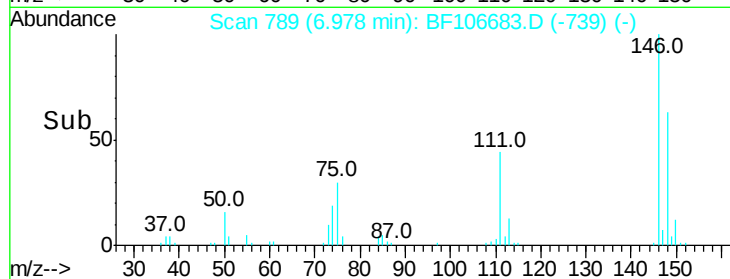
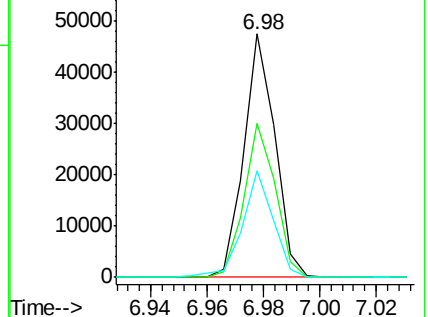
111 43.6 34.2 51.2



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: 8.389 ng

RT: 7.13 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

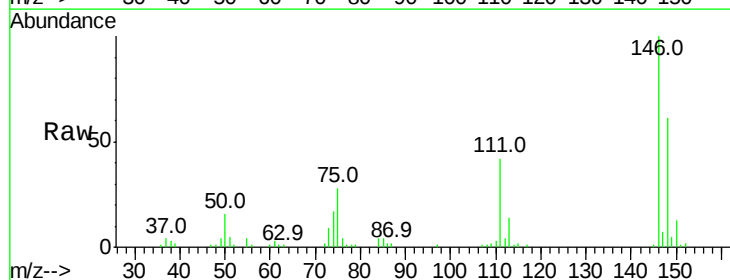
Tgt Ion:146 Resp: 34760

Ion Ratio Lower Upper

146 100

148 61.4 50.6 75.8

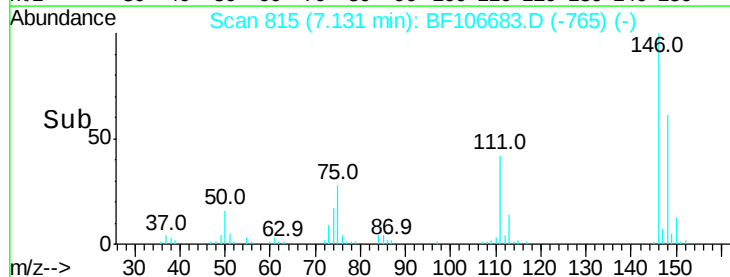
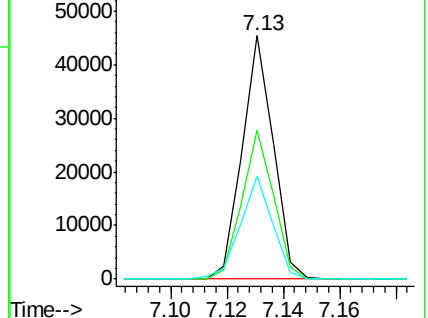
111 42.5 36.0 54.0



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

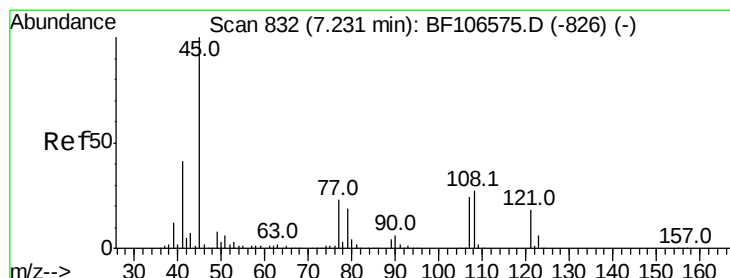
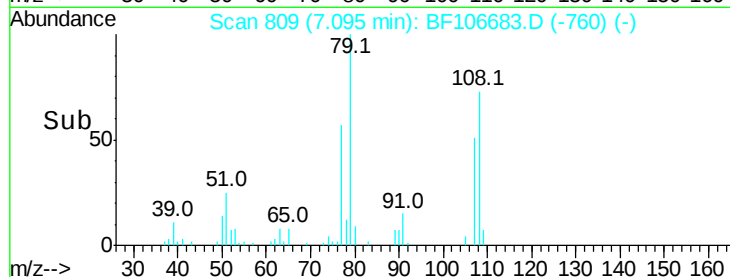
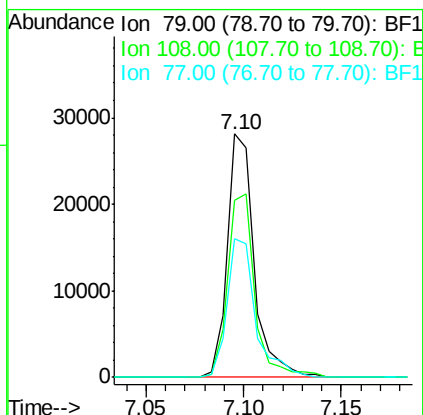
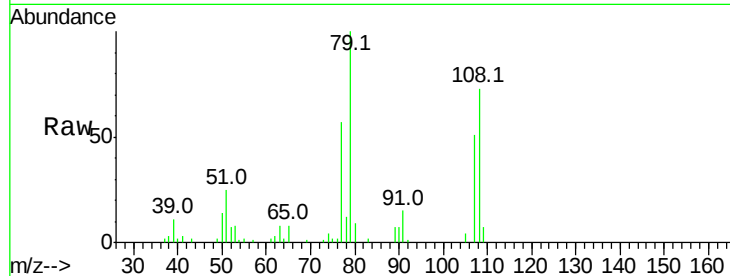




#15
Benzyl Alcohol
Concen: 7.696 ng
RT: 7.10 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

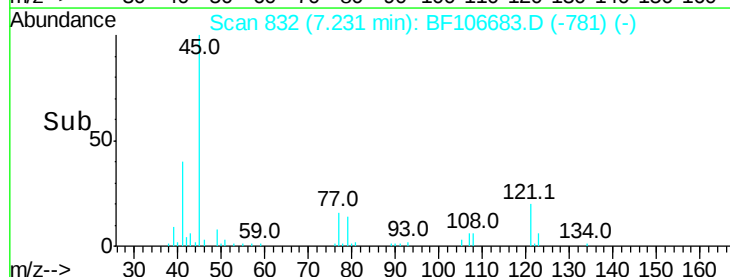
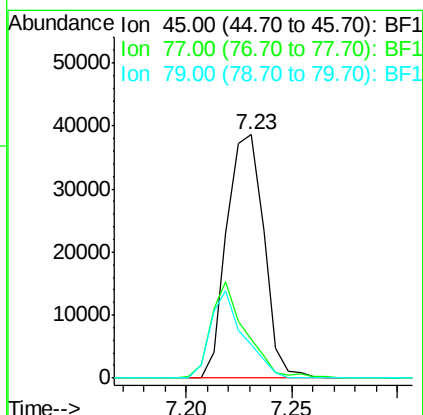
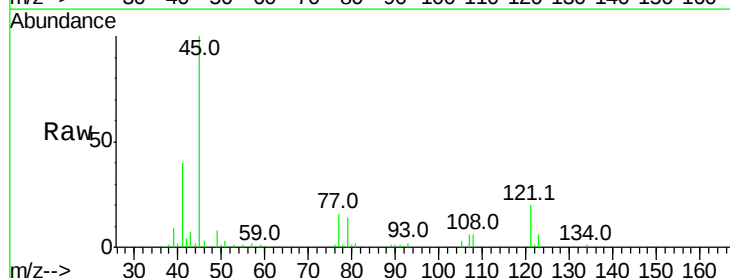
Instrument :
BNA_F
ClientSampleId :

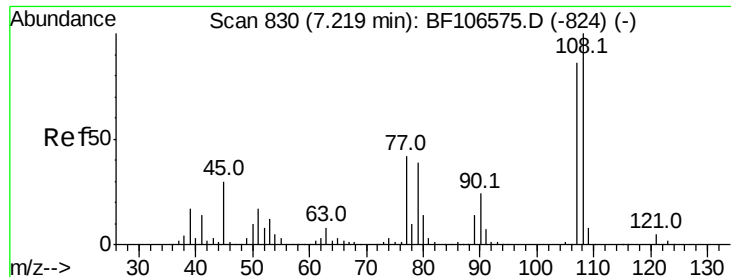
Tot Ion: 79 Resp: 26864
Ion Ratio Lower Upper
79 100
108 72.6 65.1 97.7
77 57.0 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 8.750 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

Tgt Ion: 45 Resp: 47018
Ion Ratio Lower Upper
45 100
77 16.0 0.0 32.9
79 13.9 0.0 29.6





#17

2-Methylphenol

Concen: 7.723 ng

RT: 7.22 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 25234

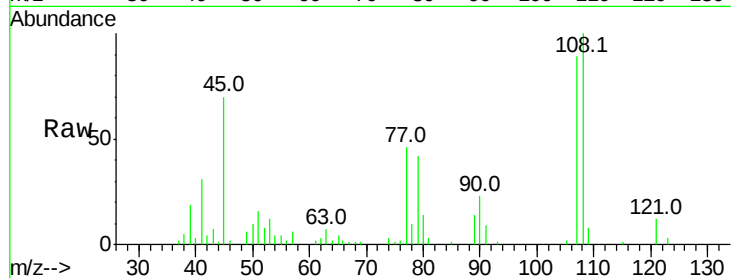
Ion Ratio Lower Upper

107 100

108 112.5 91.7 137.5

77 52.1 33.8 50.8#

79 47.3 33.8 50.8

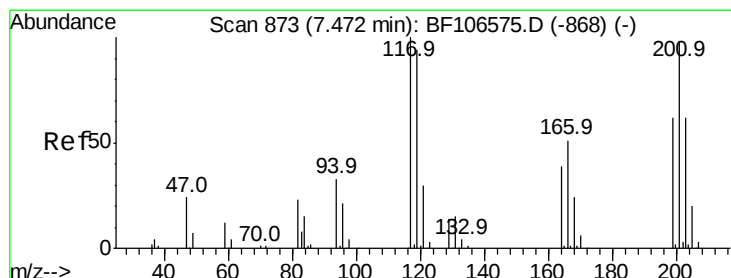
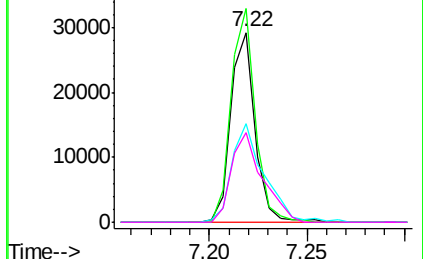
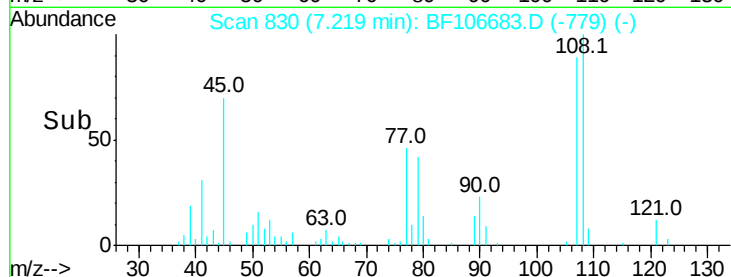


Abundance Ion 107.00 (106.70 to 107.70): E

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: 4.200 ng

RT: 7.47 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

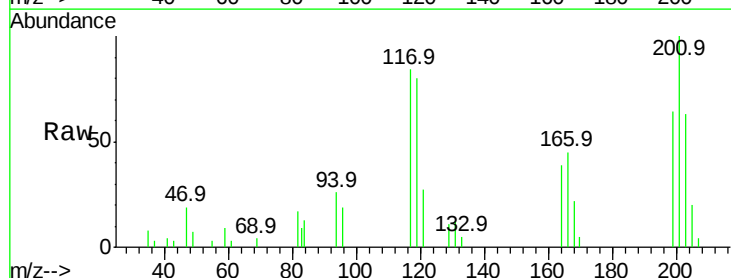
Tgt Ion:117 Resp: 6678

Ion Ratio Lower Upper

117 100

119 94.6 75.8 113.8

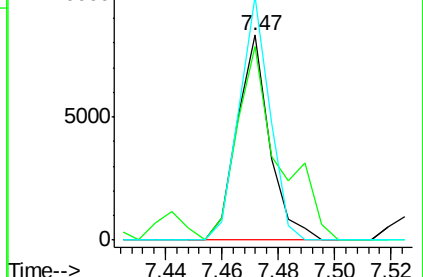
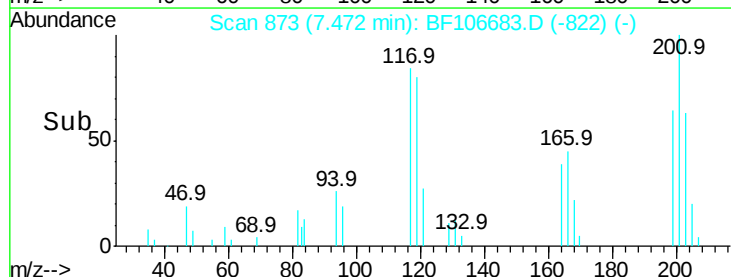
201 118.8 75.7 113.5#



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

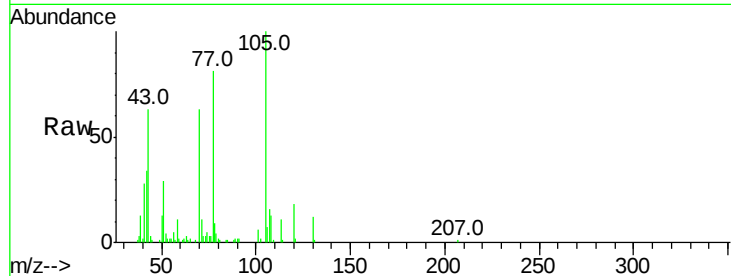




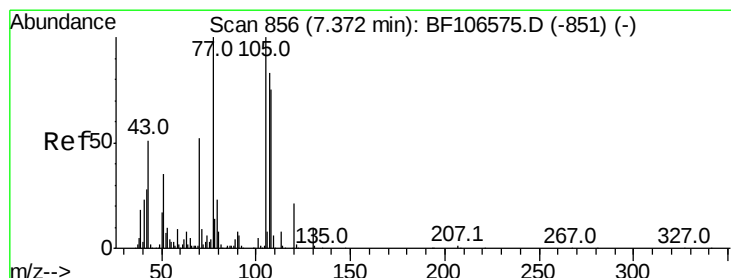
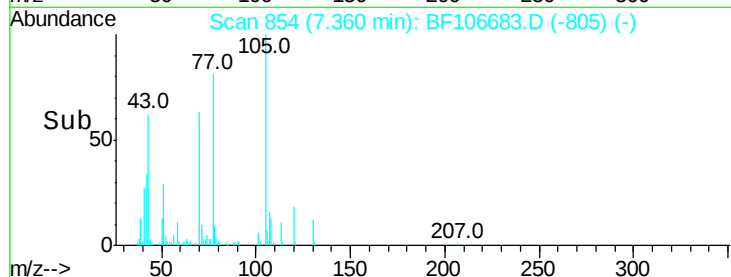
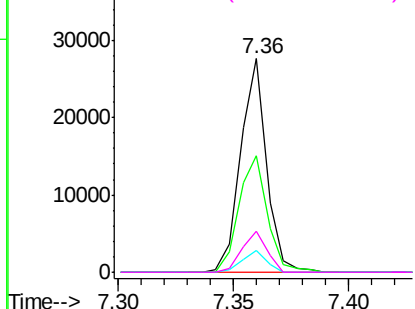
#19
n-Nitroso-di-n-propylamine
Concen: 7.620 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	21835
Ion	Ratio	Lower	Upper
70	100		
42	54.3	47.5	71.3
101	10.0	7.4	11.2
130	19.2	16.6	25.0

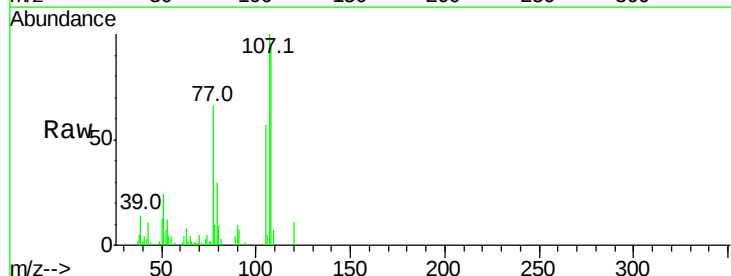


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

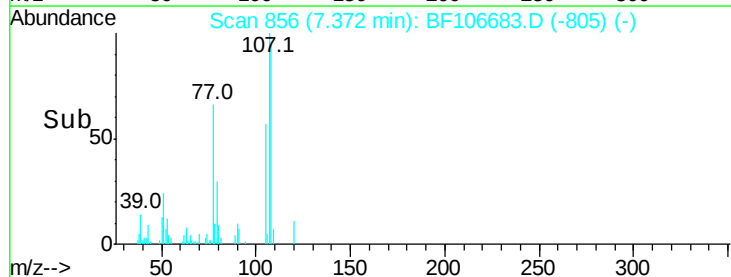
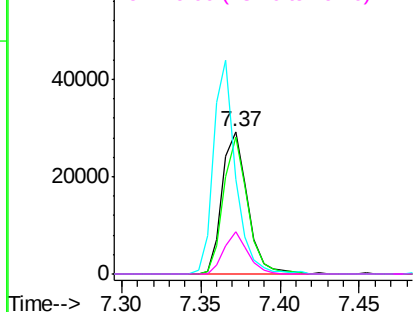


#20
3+4-Methylphenols
Concen: 6.915 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

Tgt Ion:	107	Resp:	32491
Ion	Ratio	Lower	Upper
107	100		
108	96.3	68.2	108.2
77	66.1	26.7	66.7
79	30.0	6.3	46.3



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

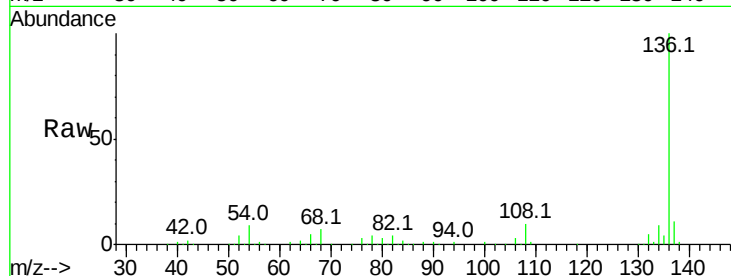




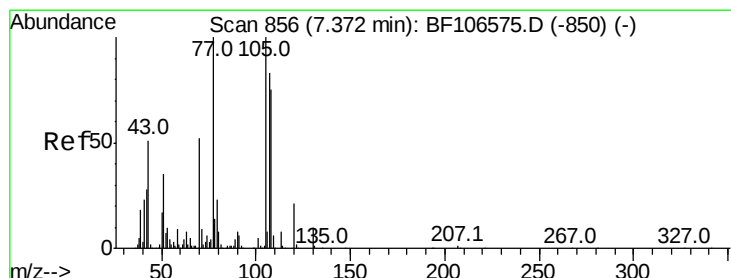
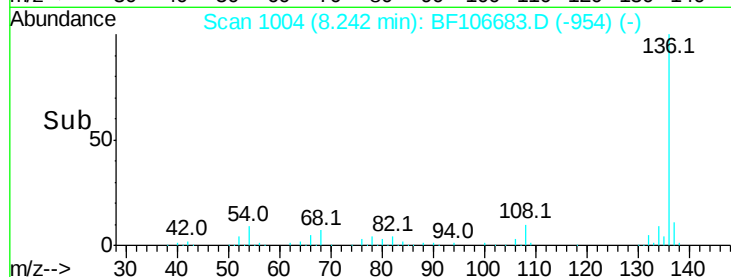
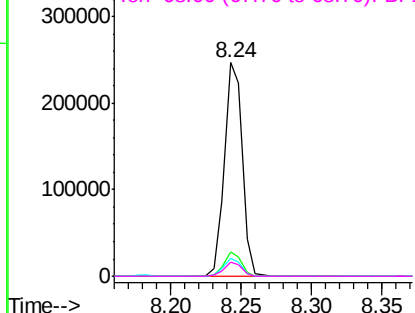
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	217854	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	8.9	13.3	
54 8.6	6.6	9.8	
68 6.7	5.0	7.4	

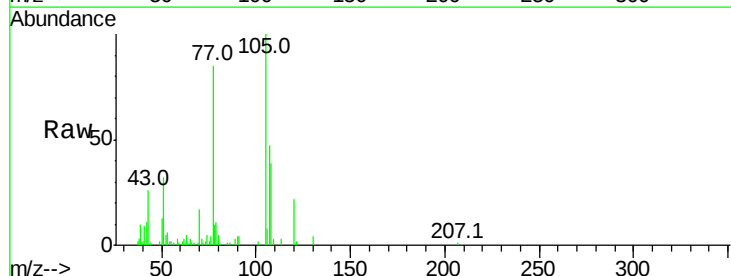


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

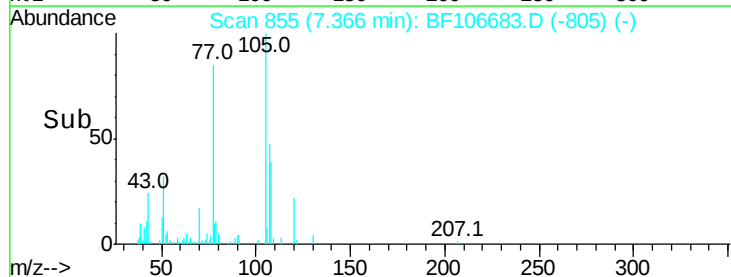
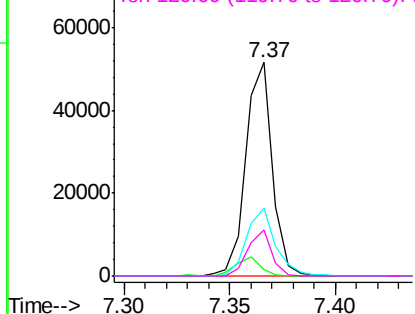


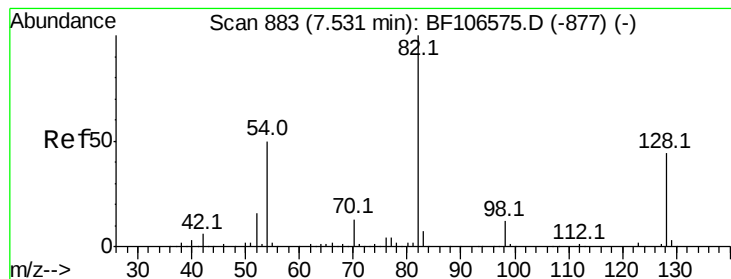
#22
Acetophenone
Concen: 9.246 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

Tgt Ion:105	Resp:	45066
Ion Ratio	Lower	Upper
105 100		
71 2.8	4.4	6.6#
51 31.7	22.3	33.5
120 21.6	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: 16.519 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

Instrument :

BNA_F

ClientSampleId :

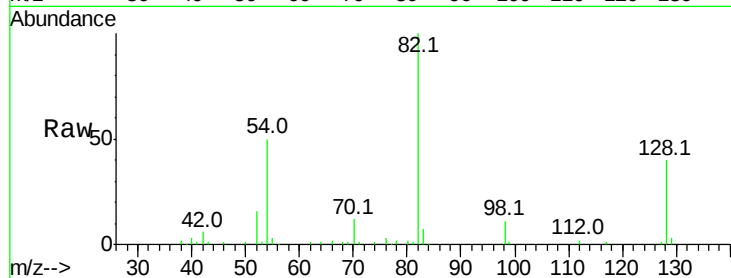
Tot Ion: 82 Resp: 64755

Ion Ratio Lower Upper

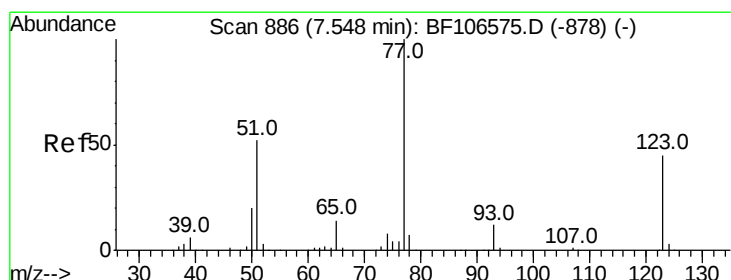
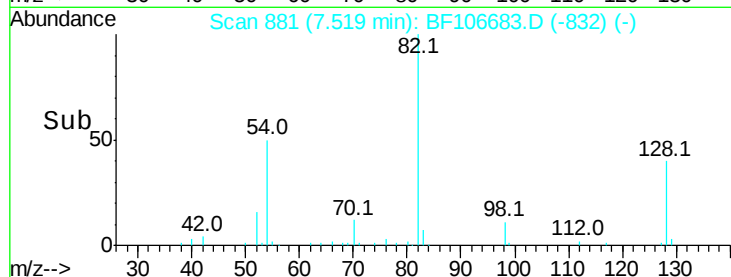
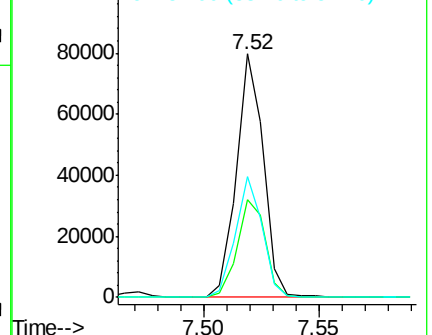
82 100

128 40.1 36.1 54.1

54 49.5 41.4 62.2



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



#24

Nitrobenzene

Concen: 7.968 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

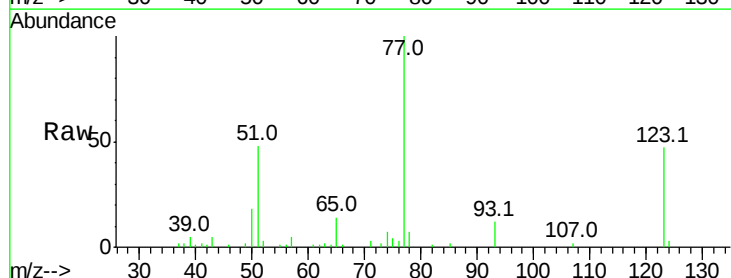
Tgt Ion: 77 Resp: 31890

Ion Ratio Lower Upper

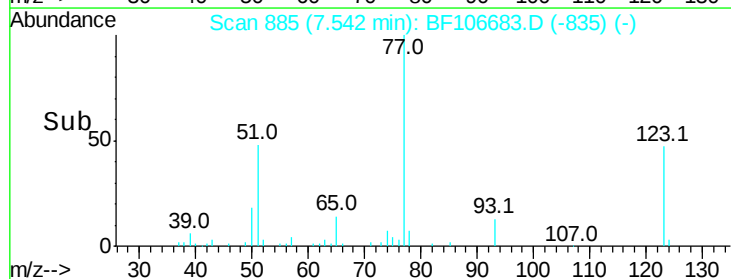
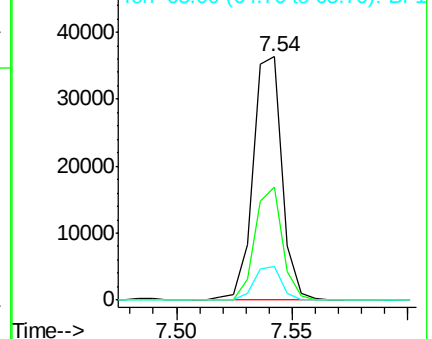
77 100

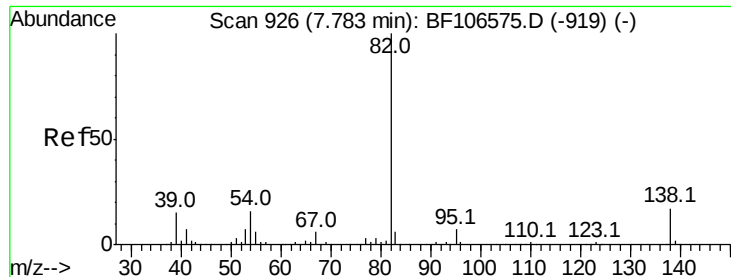
123 46.6 37.9 56.9

65 14.1 11.0 16.4



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





#25

Isophorone

Concen: 8.241 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

Instrument :

BNA_F

ClientSampleId :

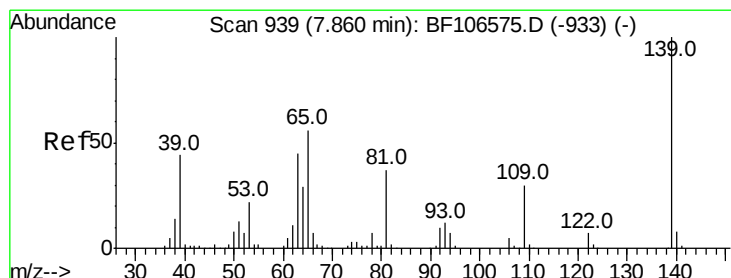
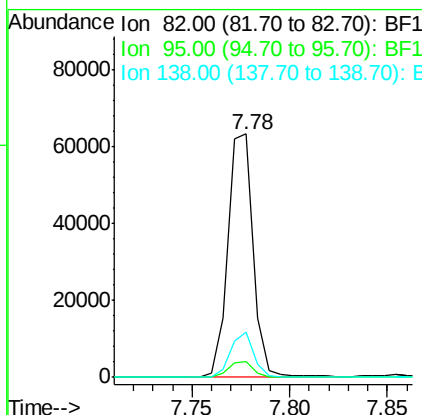
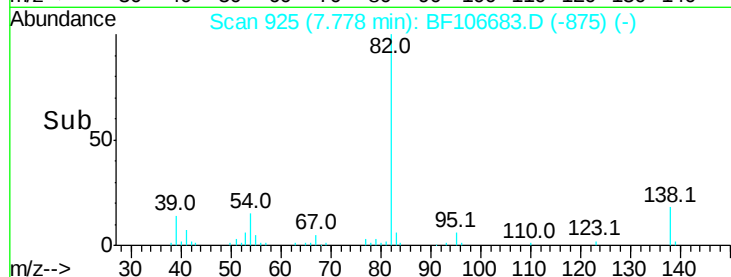
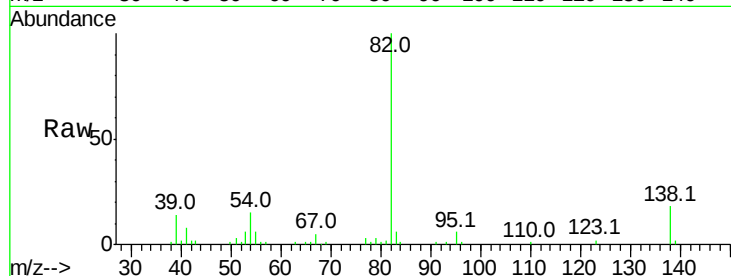
Tot Ion: 82 Resp: 56925

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 18.4 14.9 22.3



#26

2-Nitrophenol

Concen: 3.975 ng

RT: 7.86 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

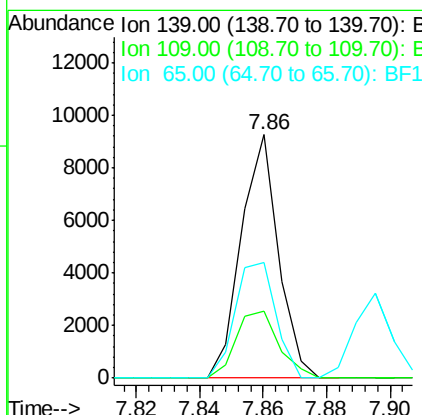
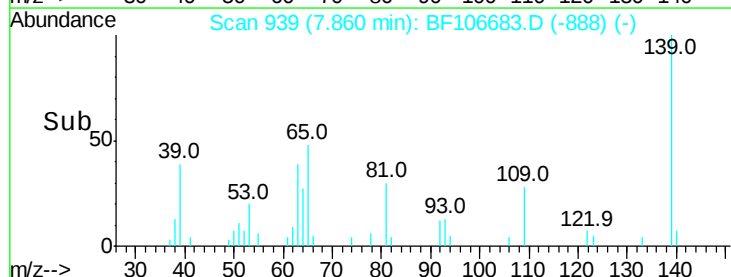
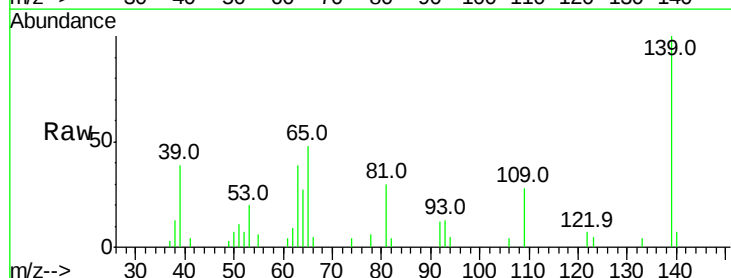
Tgt Ion: 139 Resp: 7511

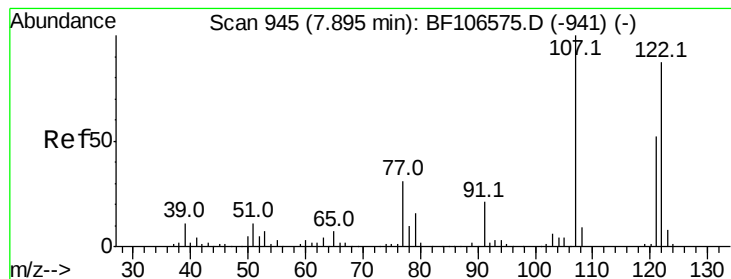
Ion Ratio Lower Upper

139 100

109 27.6 22.7 34.1

65 47.6 40.5 60.7

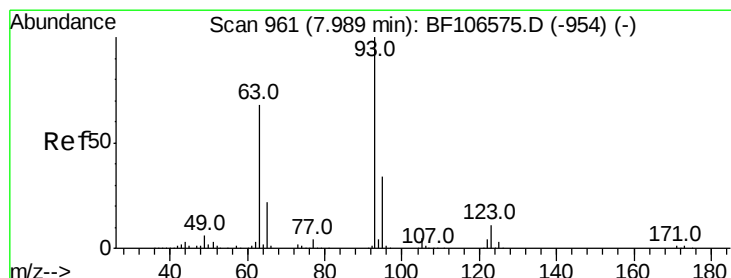
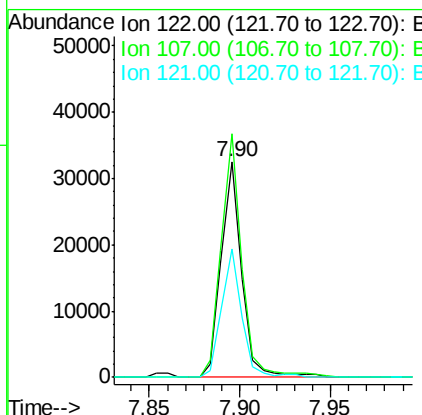
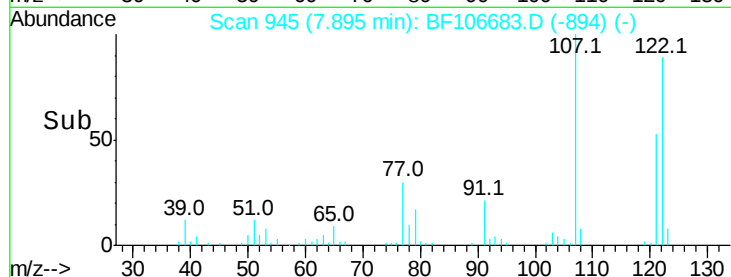
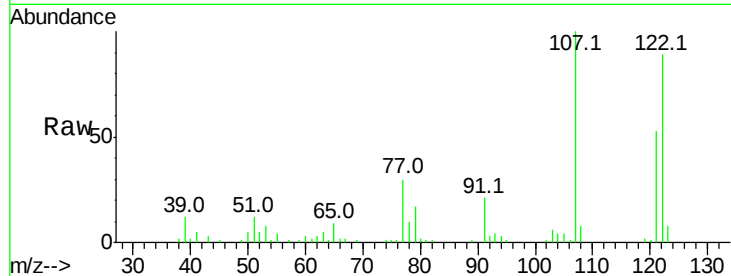




#27
 2,4-Dimethylphenol
 Concen: 8.790 ng
 RT: 7.90 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF106683.D
 Acq: 22 Jun 2018 1:22

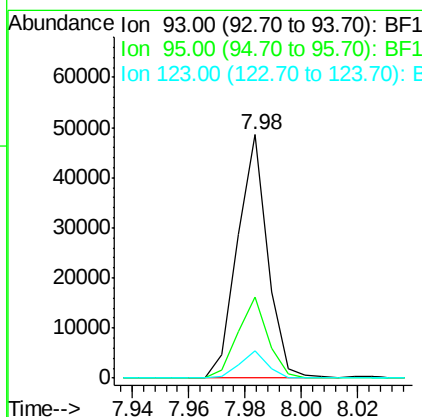
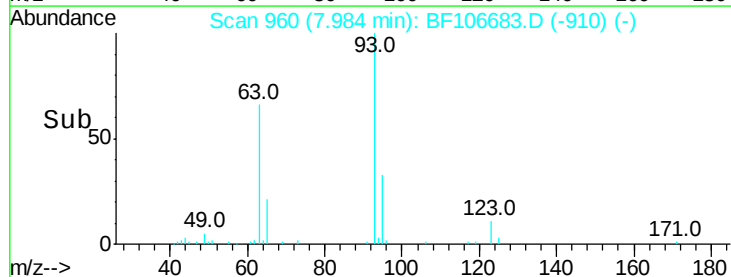
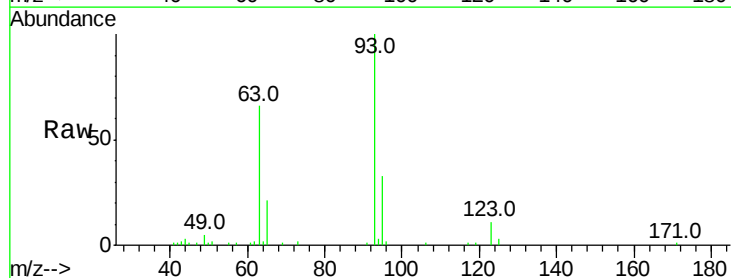
Instrument :
 BNA_F
 ClientSampled :

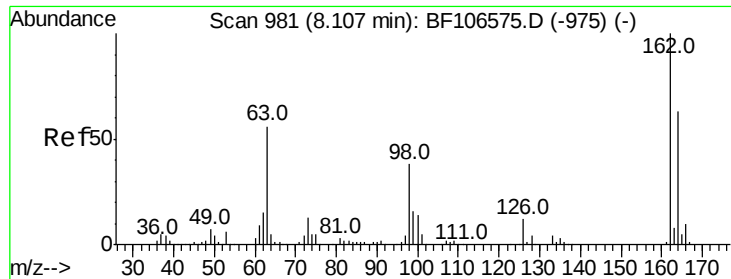
Tot Ion: 122 Resp: 25668
 Ion Ratio Lower Upper
 122 100
 107 112.9 91.2 136.8
 121 59.4 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 7.773 ng
 RT: 7.98 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF106683.D
 Acq: 22 Jun 2018 1:22

Tgt Ion: 93 Resp: 36050
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 11.1 9.8 14.6

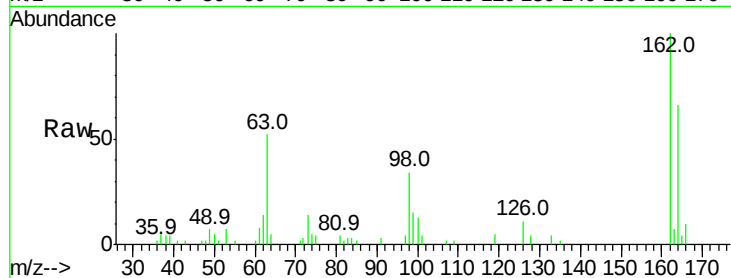




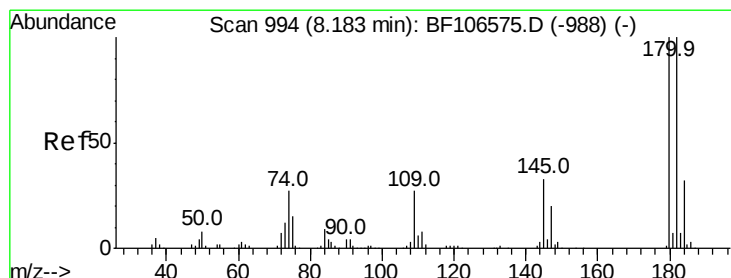
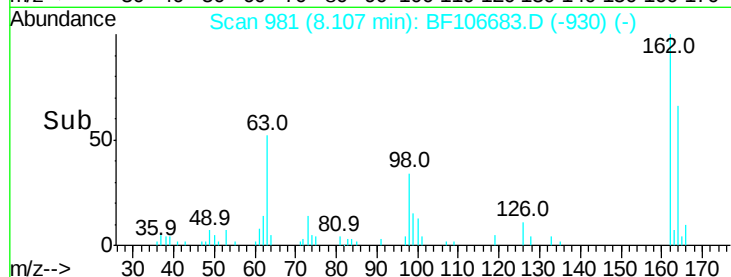
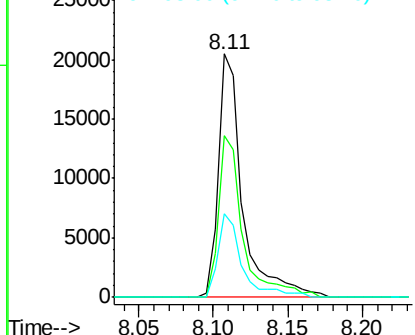
#29
2,4-Dichlorophenol
Concen: 7.675 ng
RT: 8.11 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	42.7	82.7
98	34.1	18.1	58.1

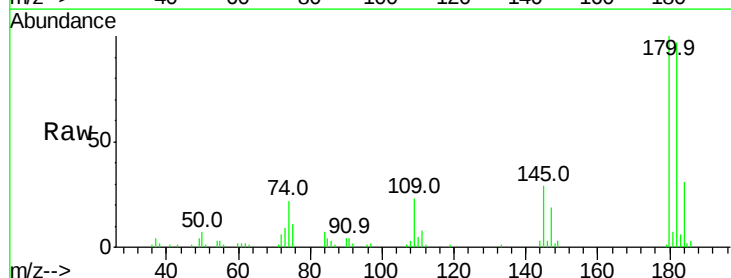


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

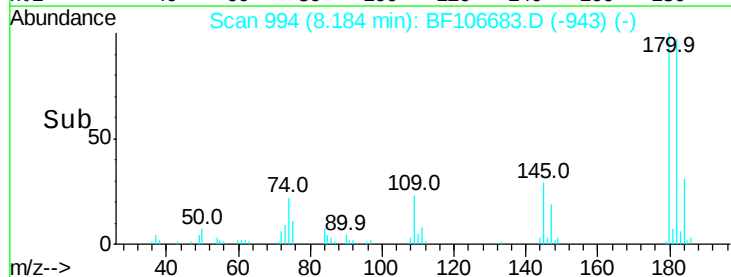
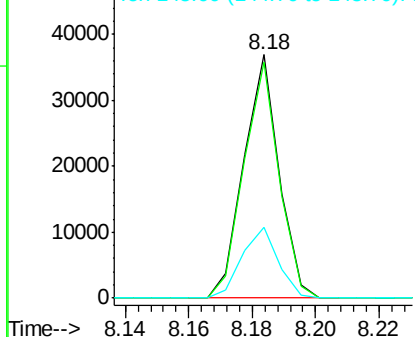


#30
1,2,4-Trichlorobenzene
Concen: 8.401 ng
RT: 8.18 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.8	115.2
145	29.1	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 8.990 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

Instrument :

BNA_F

ClientSampleId :

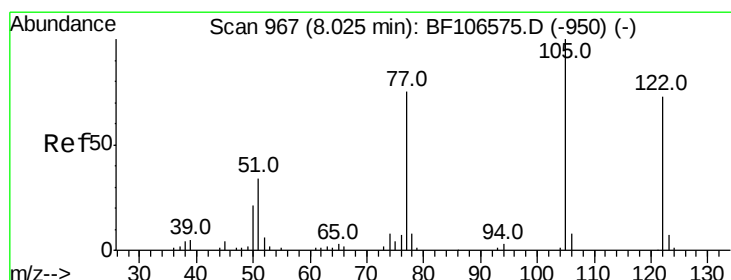
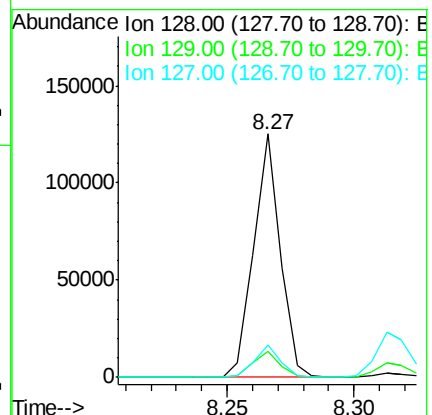
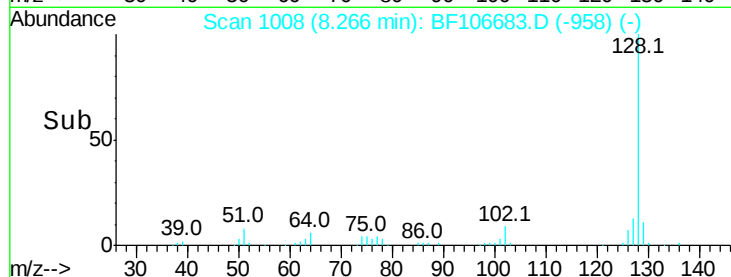
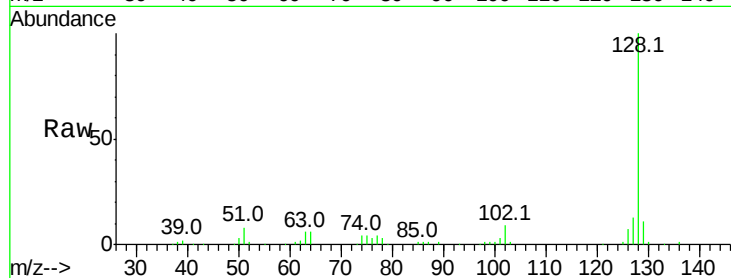
Tot Ion:128 Resp: 91562

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

127 13.1 10.9 16.3



#32

Benzoic acid

Concen: 16.372 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.13 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

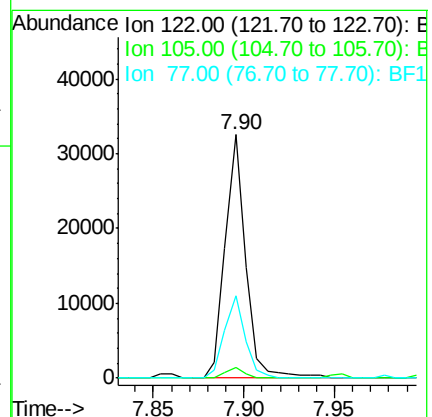
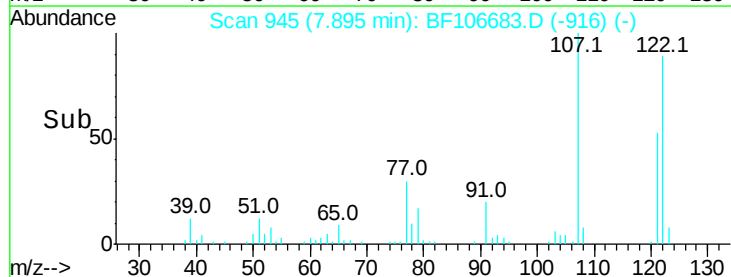
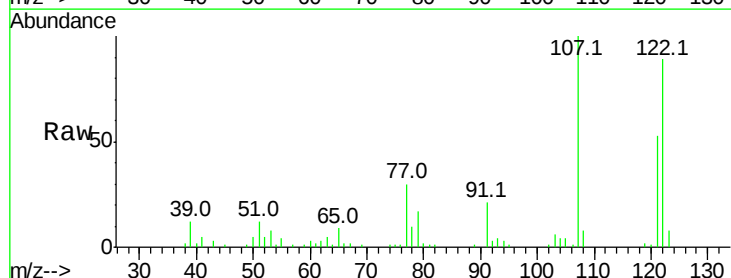
Tgt Ion:122 Resp: 25668

Ion Ratio Lower Upper

122 100

105 4.3 101.1 141.1#

77 33.7 70.7 110.7#

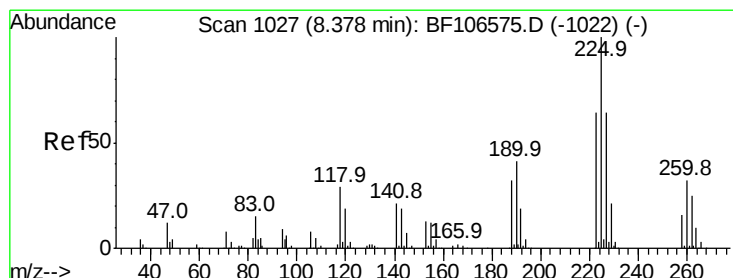
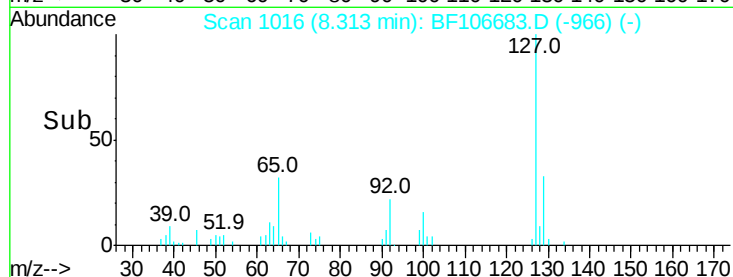
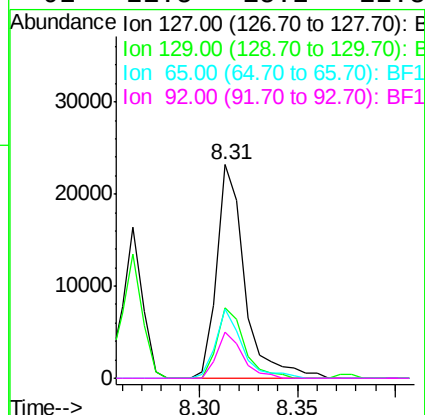
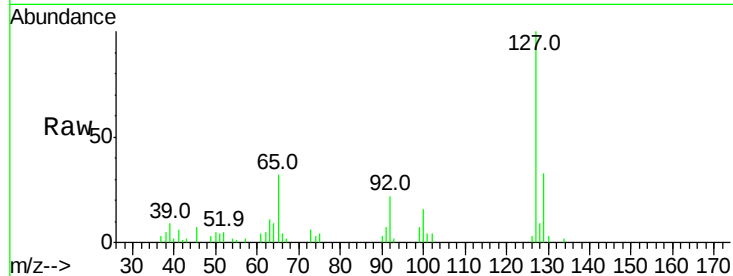




#33
4-Chloroaniline
Concen: 5.399 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

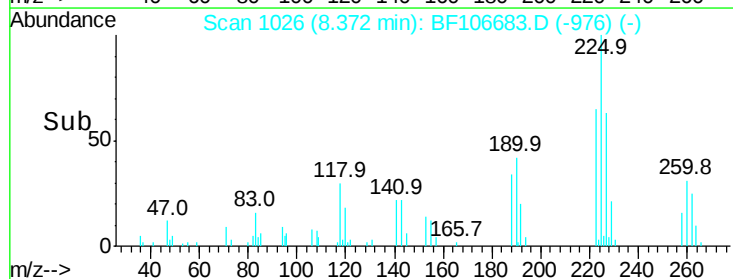
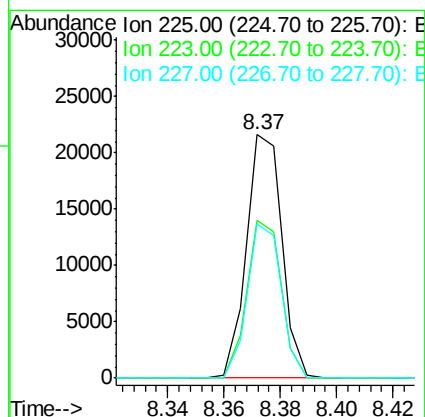
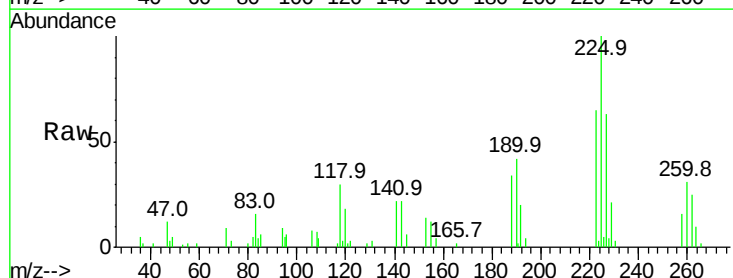
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	23075
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	32.3	25.0	37.4
92	21.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 8.604 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

Tgt Ion:	225	Resp:	18883
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.6	76.0
227	63.0	51.9	77.9





#35

Caprolactam

Concen: 6.448 ng

RT: 8.65 min Scan# 1073

Delta R.T. -0.05 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

Instrument :

BNA_F

ClientSampleId :

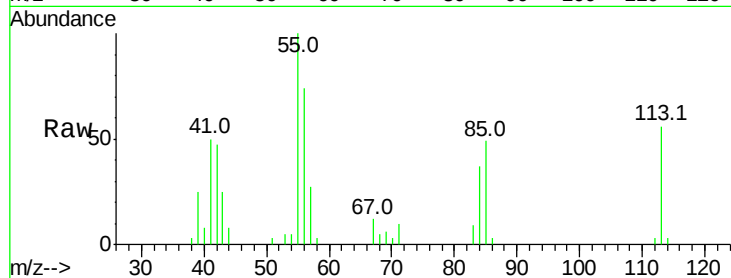
Tot Ion:113 Resp: 6426

Ion Ratio Lower Upper

113 100

55 179.6 163.3 203.3

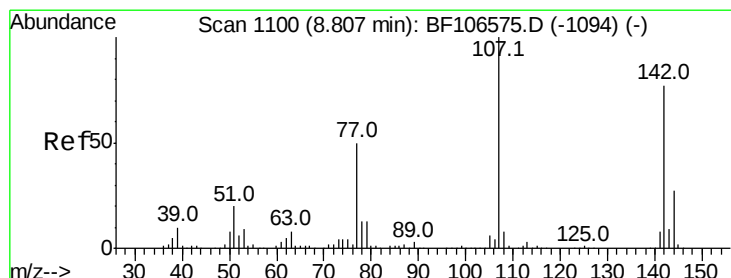
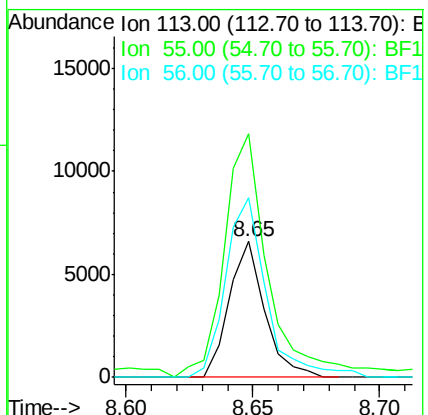
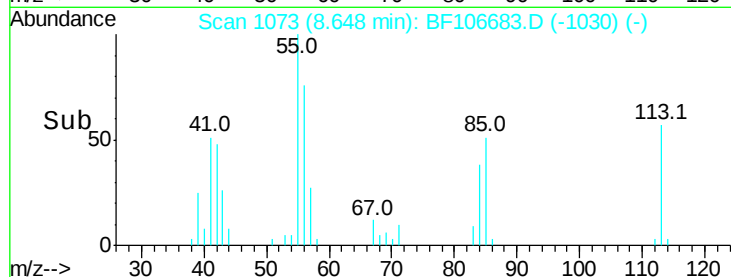
56 132.3 115.7 155.7



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: 7.339 ng

RT: 8.80 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

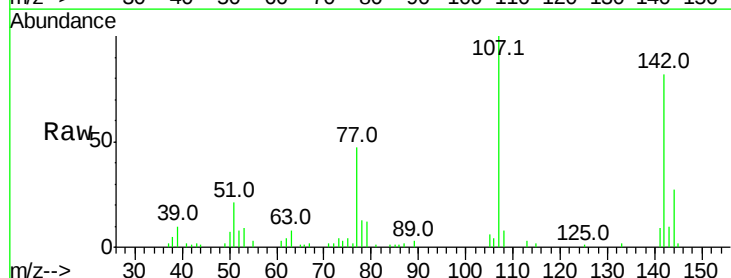
Tgt Ion:107 Resp: 23616

Ion Ratio Lower Upper

107 100

144 26.9 20.5 30.7

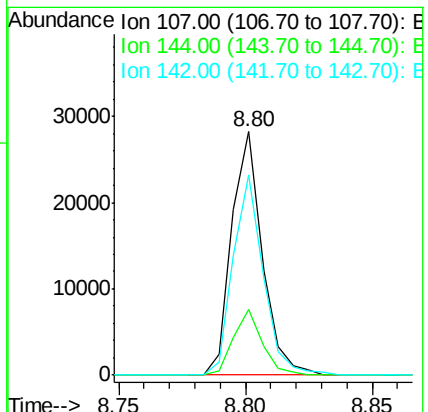
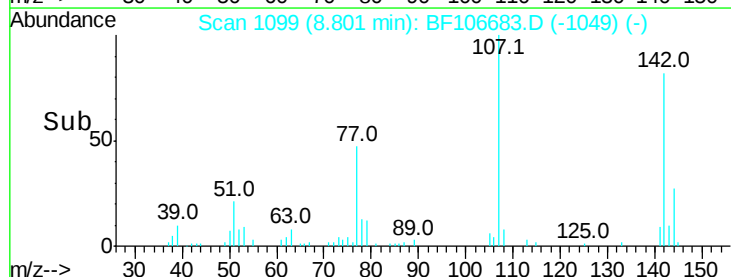
142 82.1 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

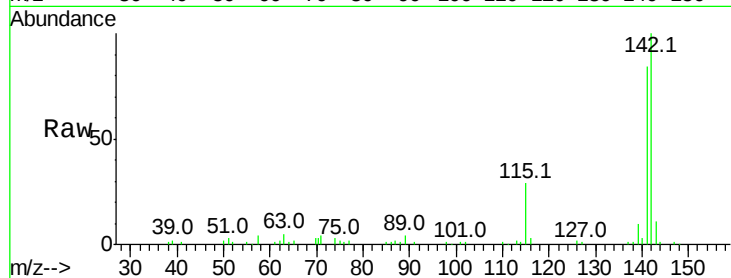




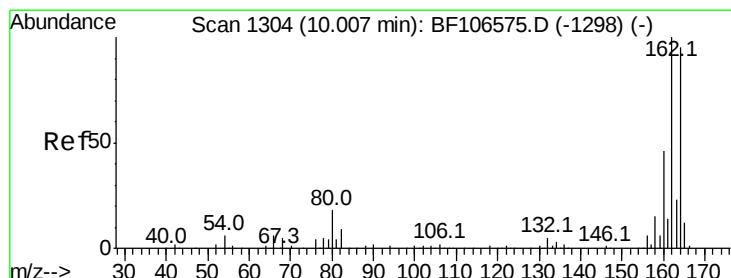
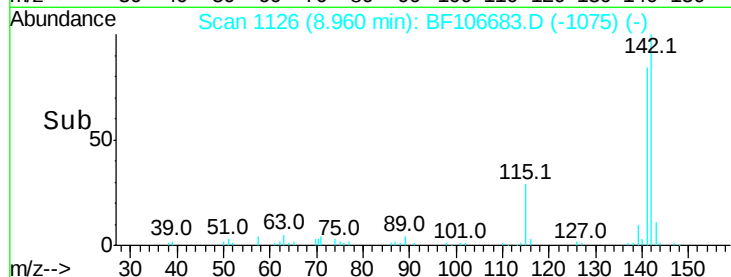
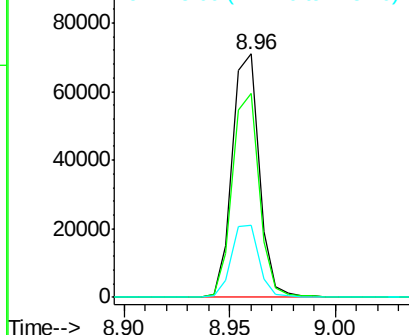
#37
2-Methylnaphthalene
Concen: 9.288 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 62702
Ion Ratio Lower Upper
142 100
141 84.0 70.8 106.2
115 29.4 26.1 39.1

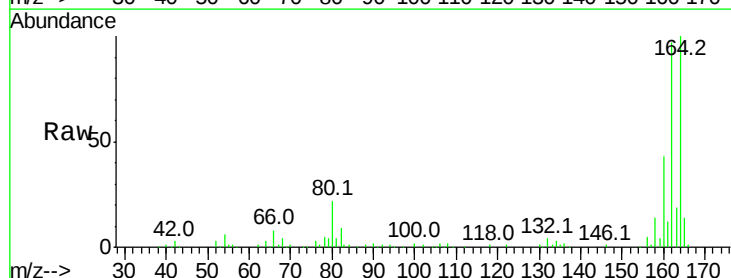


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

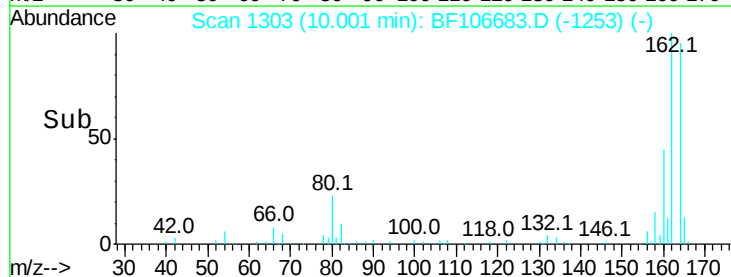
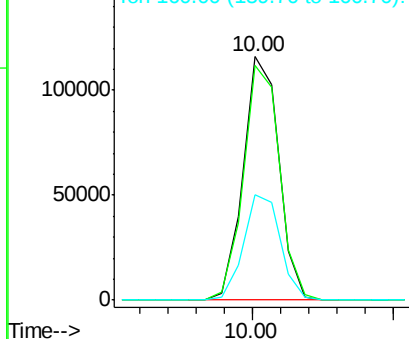


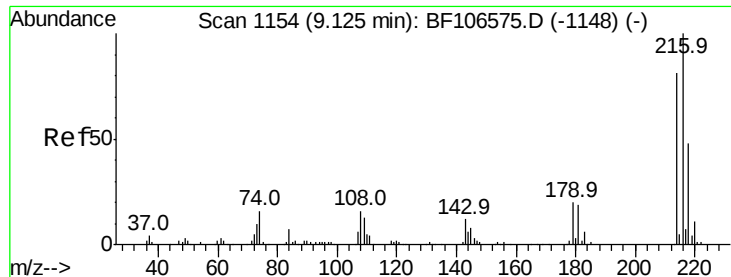
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

Tgt Ion:164 Resp: 101460
Ion Ratio Lower Upper
164 100
162 96.6 86.1 129.1
160 43.2 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 8.647 ng

RT: 9.12 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 29547

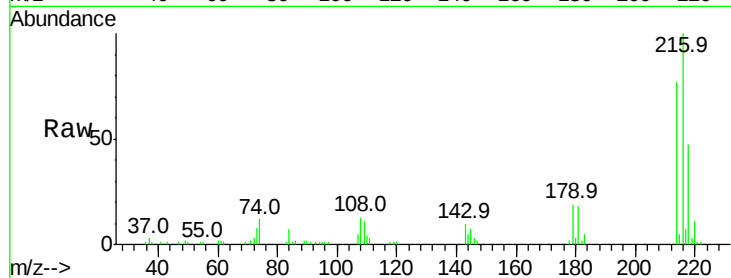
Ion Ratio Lower Upper

216 100

214 77.3 63.0 94.4

179 18.7 18.1 27.1

108 14.4 17.2 25.8#

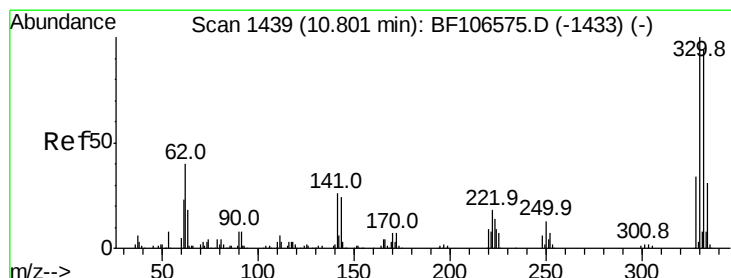
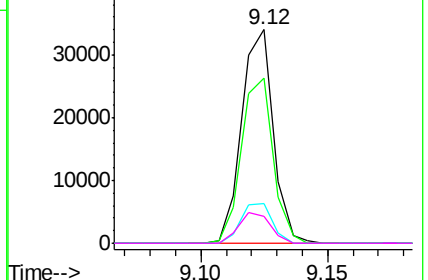
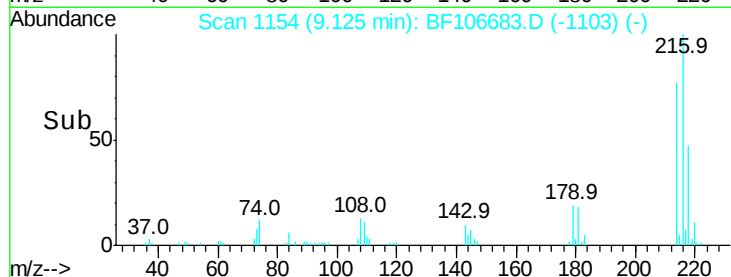


Abundance Ion 216.00 (215.70 to 216.70): E

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: 17.980 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

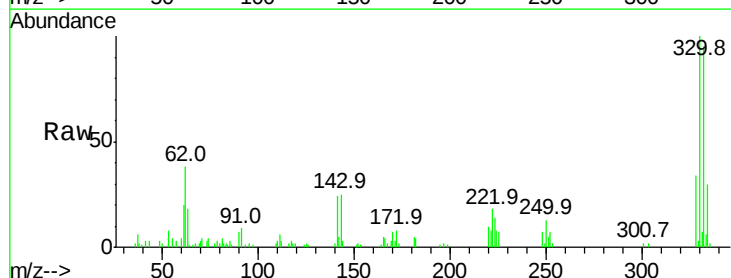
Tgt Ion:330 Resp: 21143

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

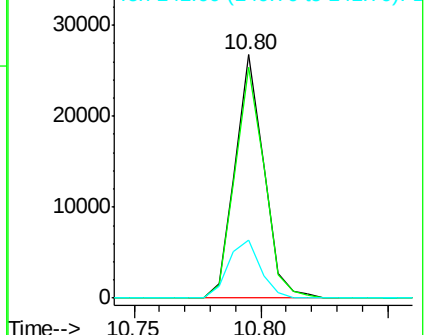
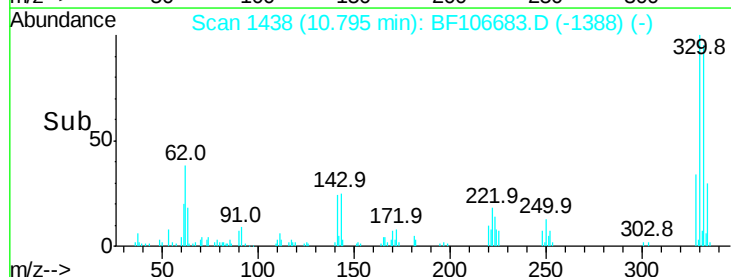
141 26.6 29.9 44.9#



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

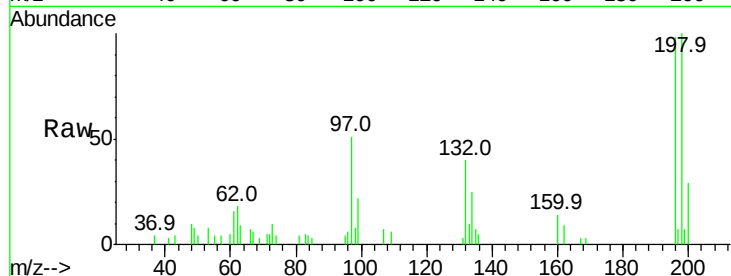




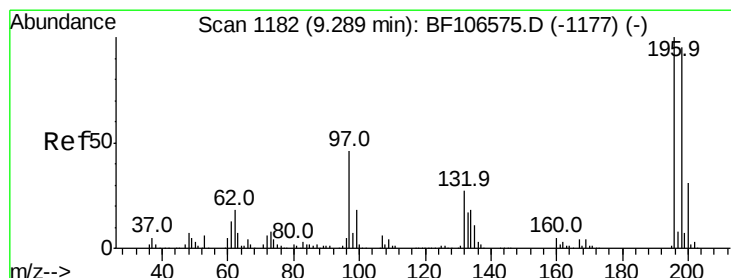
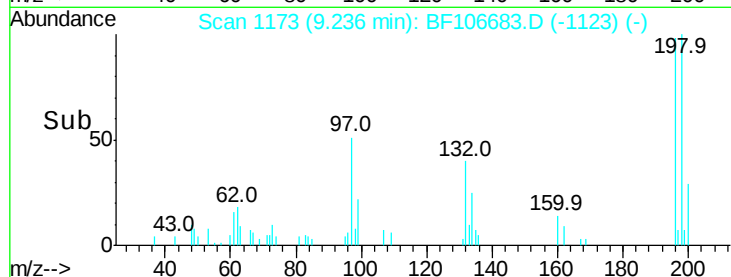
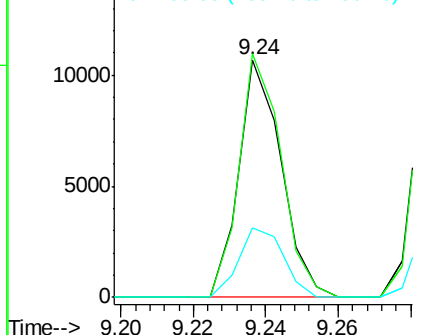
#42
 2,4,6-Trichlorophenol
 Concen: 3.828 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF106683.D
 Acq: 22 Jun 2018 1:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196	Resp:	8695
Ion Ratio	Lower	Upper
196	100	
198	102.5	75.7 113.5
200	29.4	24.5 36.7

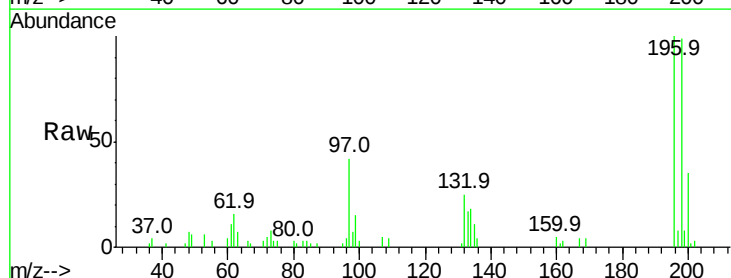


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

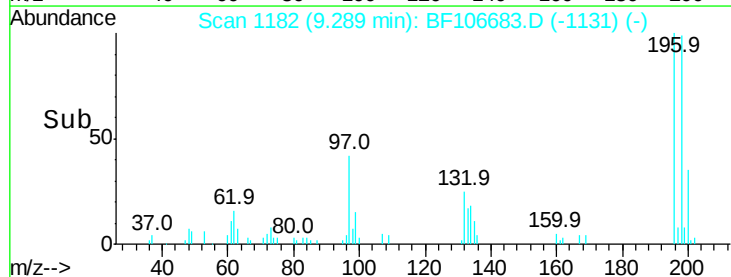
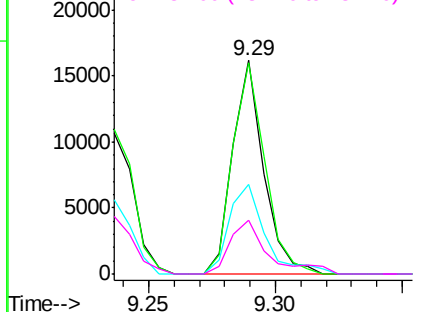


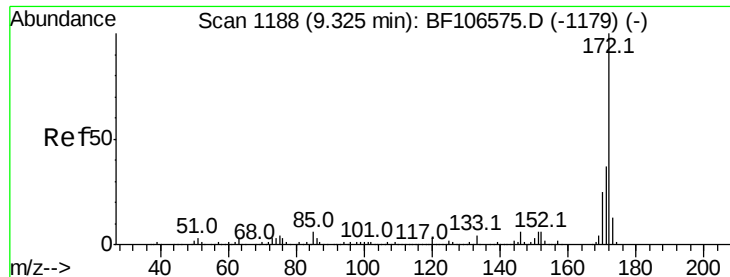
#43
 2,4,5-Trichlorophenol
 Concen: 5.846 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF106683.D
 Acq: 22 Jun 2018 1:22

Tgt Ion:196	Resp:	13856
Ion Ratio	Lower	Upper
196	100	
198	98.7	74.6 112.0
97	41.8	42.9 64.3#
132	24.9	26.3 39.5#



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

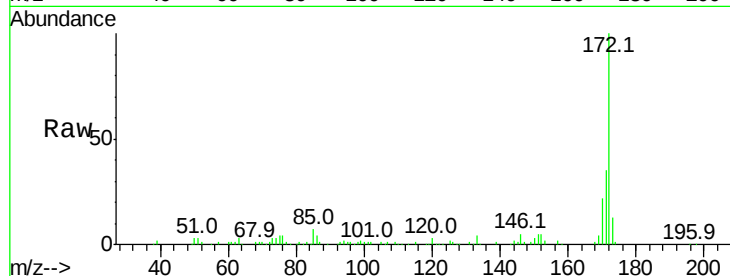




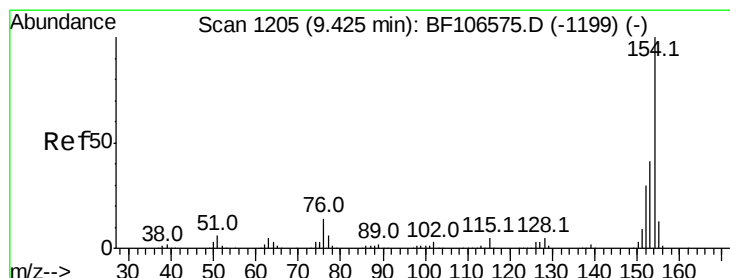
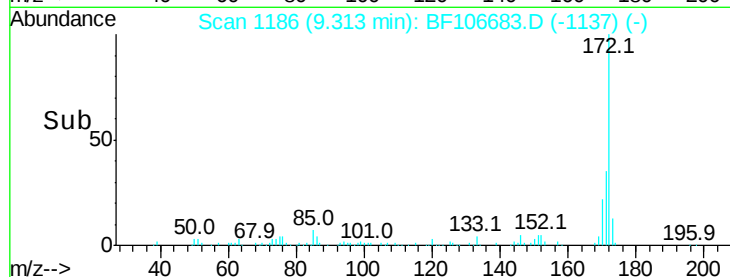
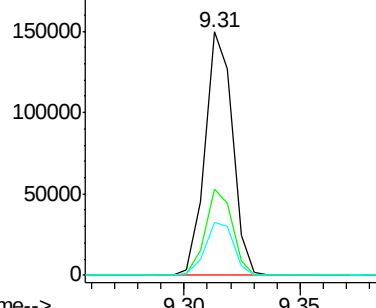
#44
2-Fluorobiphenyl
Concen: 7.240 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 124291
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 21.9 19.6 29.4

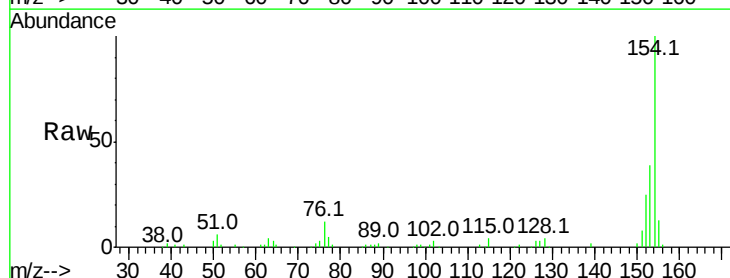


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

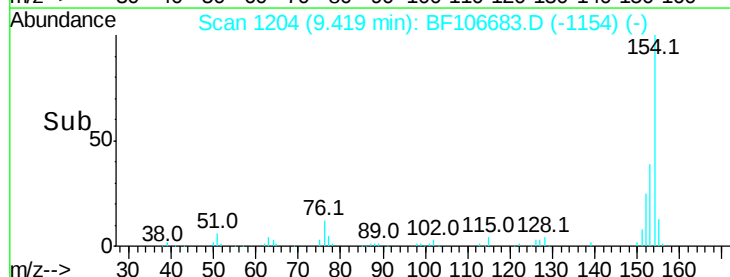
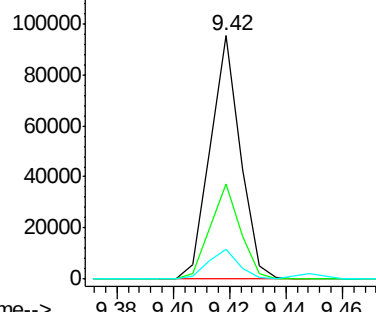


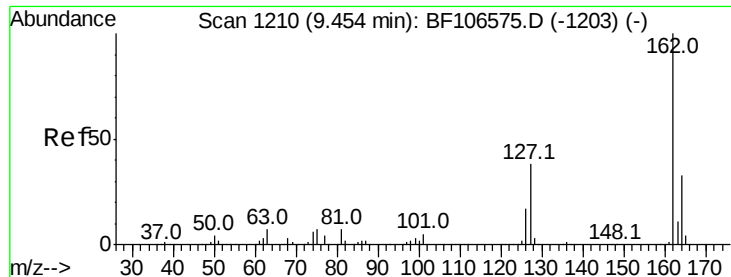
#45
1,1'-Biphenyl
Concen: 8.704 ng
RT: 9.42 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

Tgt Ion:154 Resp: 70377
Ion Ratio Lower Upper
154 100
153 39.2 21.3 61.3
76 12.5 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

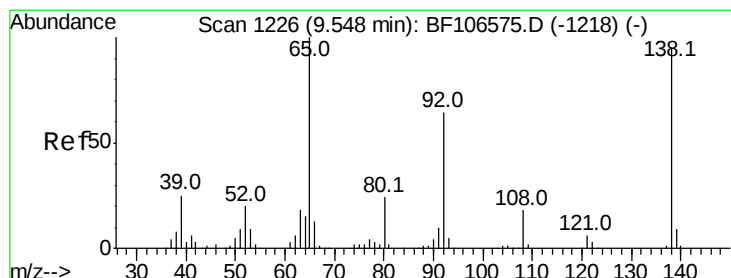
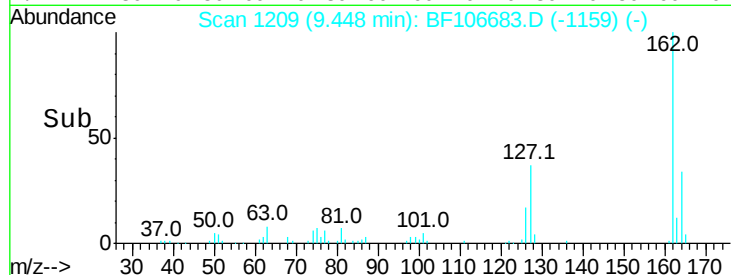
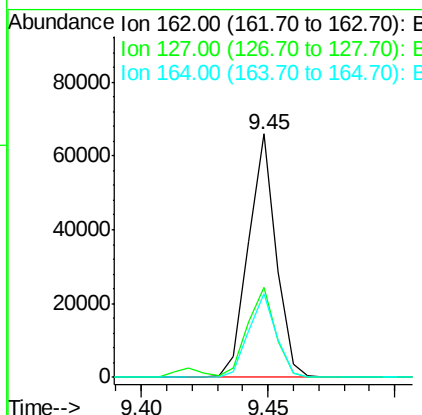
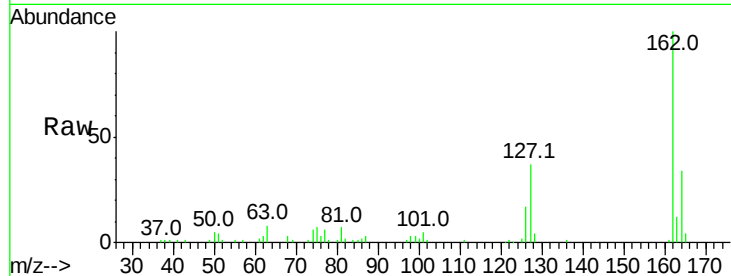




#46
 2-Chloronaphthalene
 Concen: 7.836 ng
 RT: 9.45 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF106683.D
 Acq: 22 Jun 2018 1:22

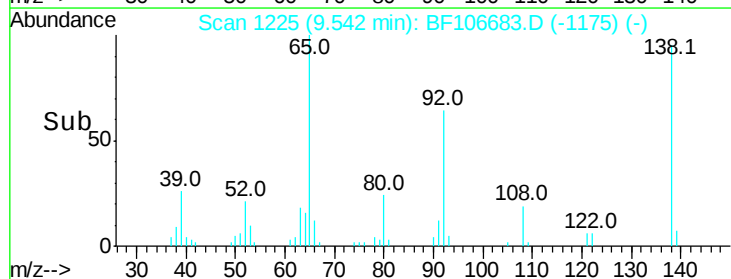
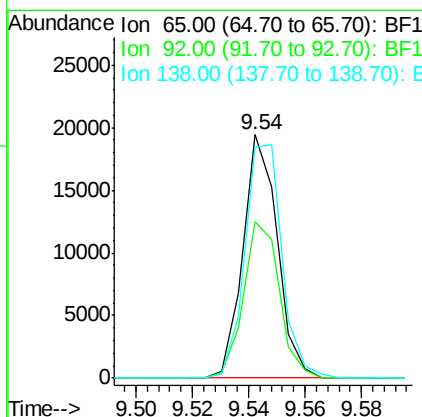
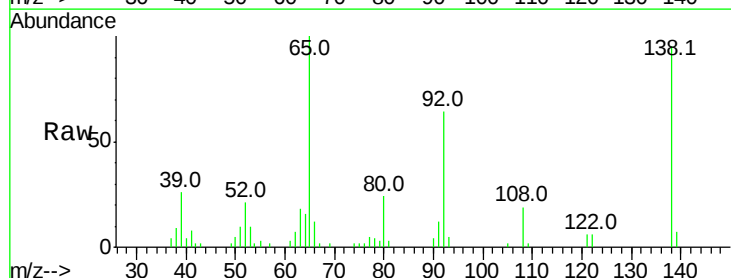
Instrument :
 BNA_F
 ClientSampleId :

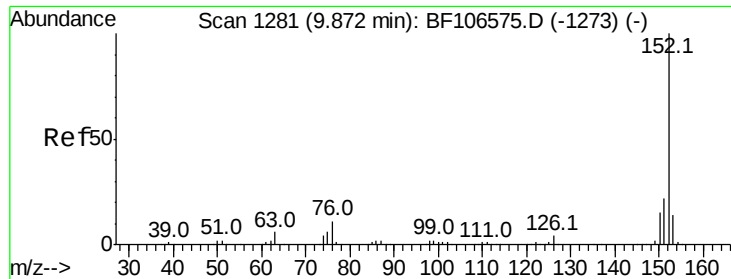
Tot Ion:162 Resp: 49871
 Ion Ratio Lower Upper
 162 100
 127 37.0 33.9 50.9
 164 34.2 26.5 39.7



#47
 2-Nitroaniline
 Concen: 7.643 ng
 RT: 9.54 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF106683.D
 Acq: 22 Jun 2018 1:22

Tgt Ion: 65 Resp: 16358
 Ion Ratio Lower Upper
 65 100
 92 64.2 55.8 83.6
 138 95.0 91.2 136.8

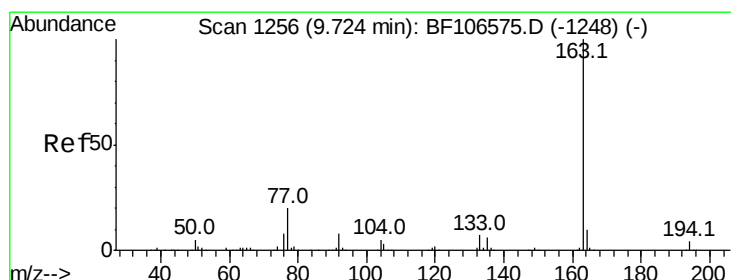
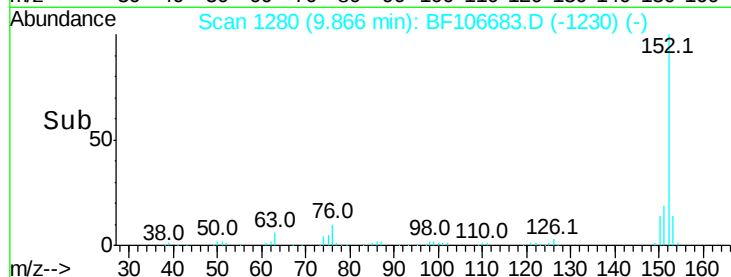
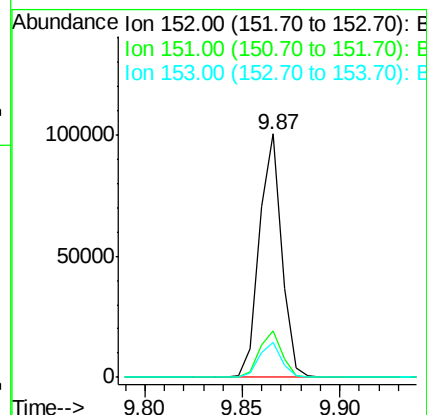
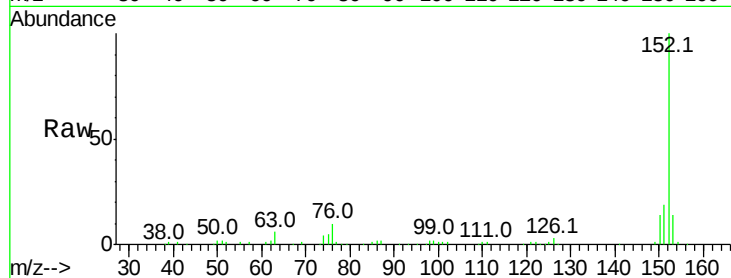




#48
Acenaphthylene
Concen: 7.901 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

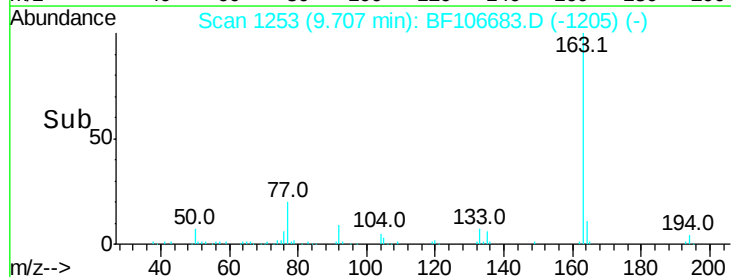
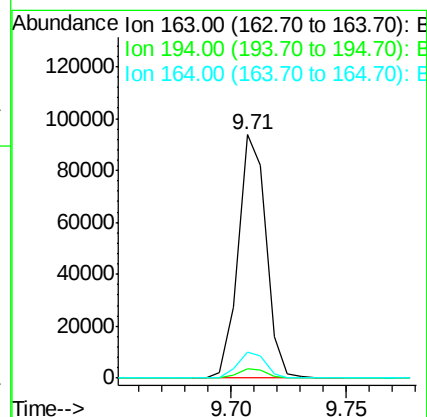
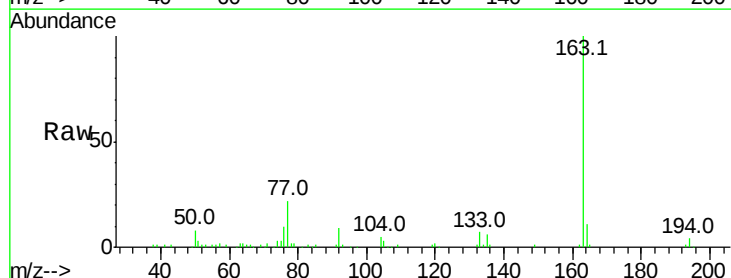
Instrument :
BNA_F
ClientSampled :

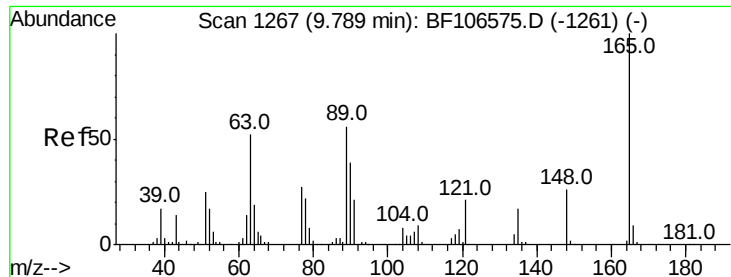
Tot Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.3	24.5
153	14.1	10.7	16.1



#49
Dimethylphthalate
Concen: 10.396 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.9	8.2	12.2

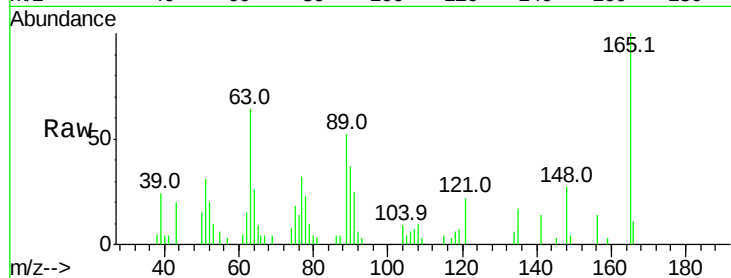




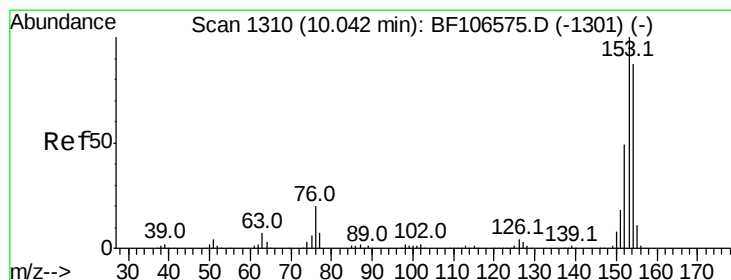
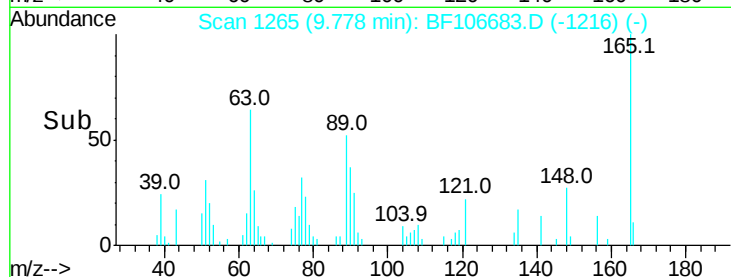
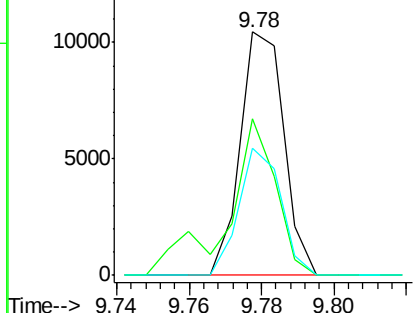
#50
2,6-Dinitrotoluene
Concen: 5.477 ng
RT: 9.78 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 8826
Ion Ratio Lower Upper
165 100
63 64.3 44.7 67.1
89 52.1 44.0 66.0

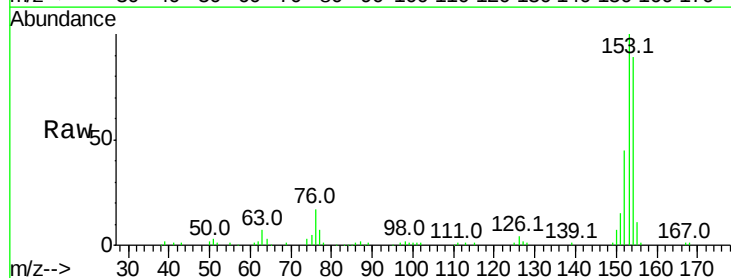


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

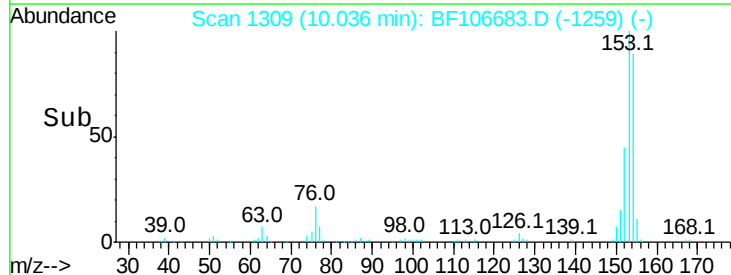
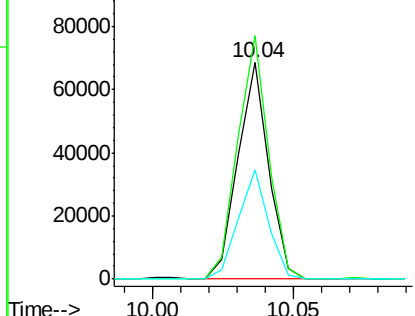


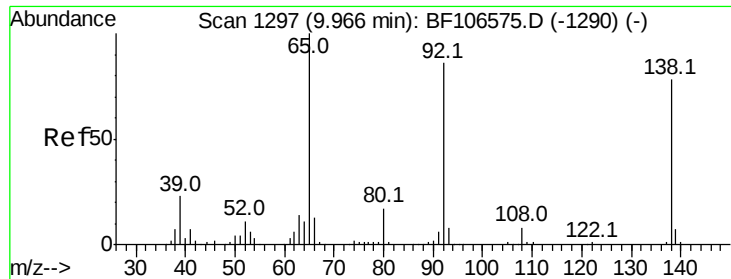
#51
Acenaphthene
Concen: 8.175 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

Tgt Ion:154 Resp: 51727
Ion Ratio Lower Upper
154 100
153 112.6 91.2 136.8
152 50.3 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

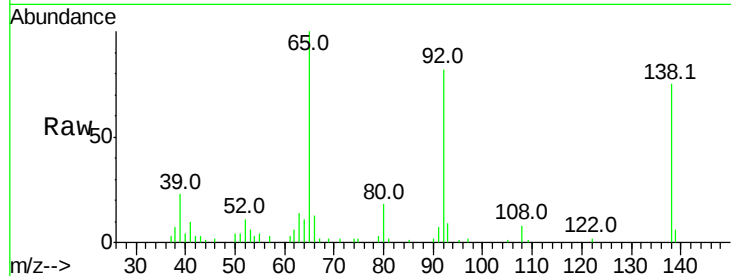




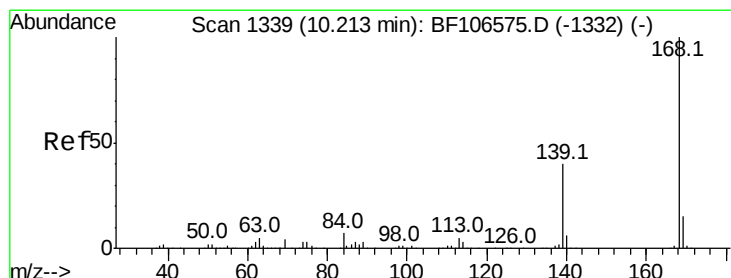
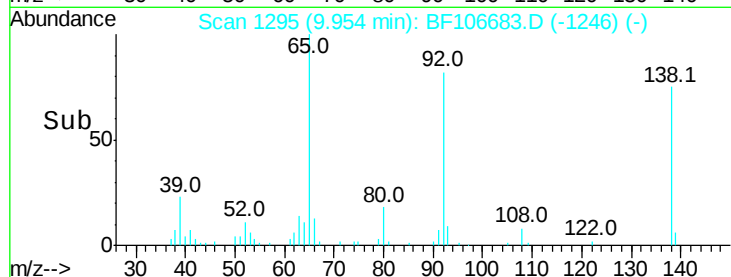
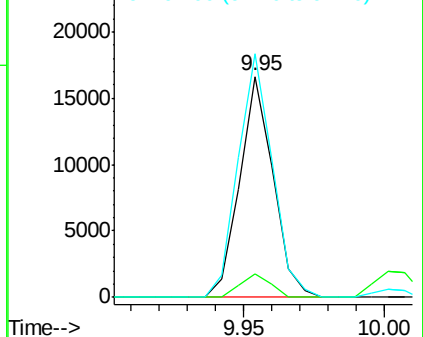
#52
3-Nitroaniline
Concen: 7.397 ng
RT: 9.95 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 13716
Ion Ratio Lower Upper
138 100
108 10.6 9.4 14.0
92 110.1 89.4 134.2

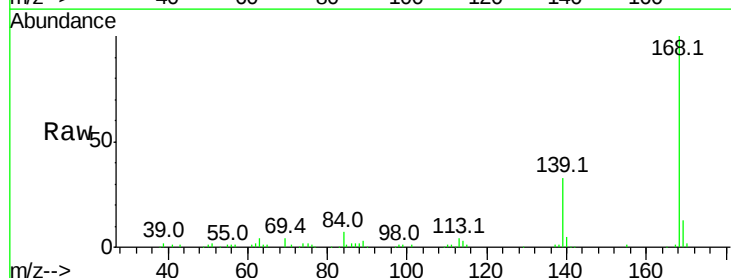


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

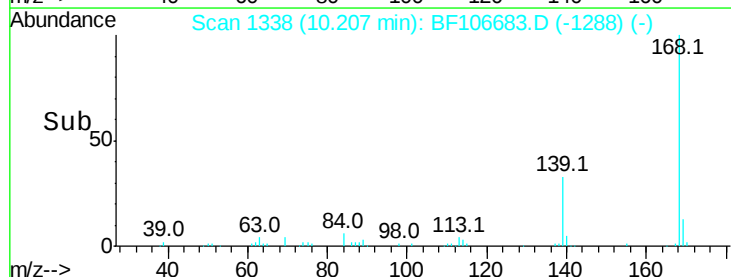
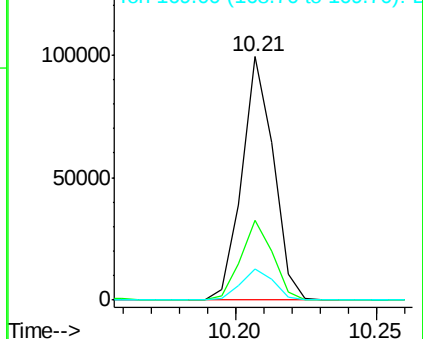


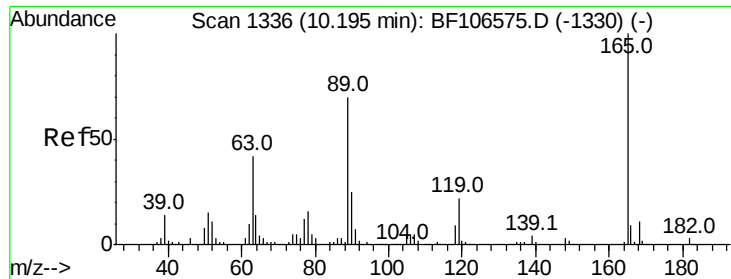
#54
Dibenzofuran
Concen: 8.892 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

Tgt Ion:168 Resp: 77042
Ion Ratio Lower Upper
168 100
139 32.8 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

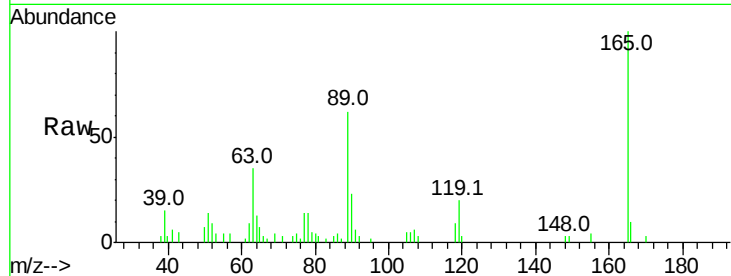




#56
2,4-Dinitrotoluene
Concen: 4.901 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	34.8	36.4	54.6#
89	61.9	57.8	86.6
182	0.0	1.6	2.4#

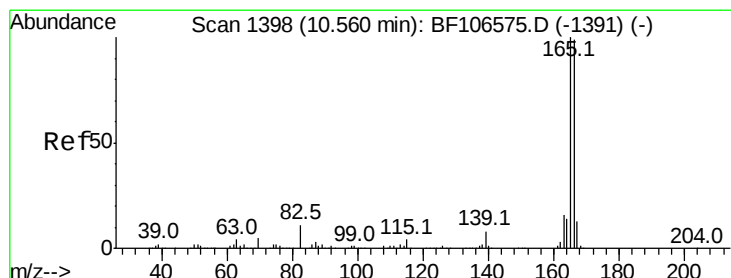
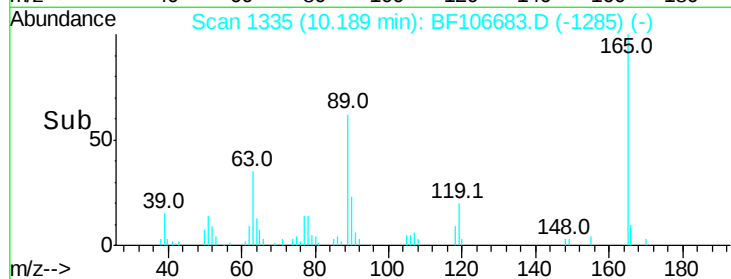
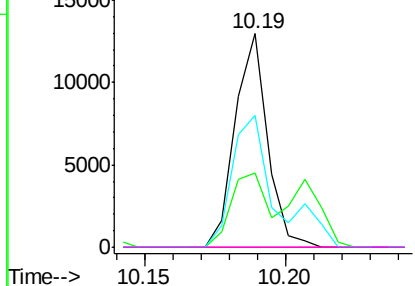


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

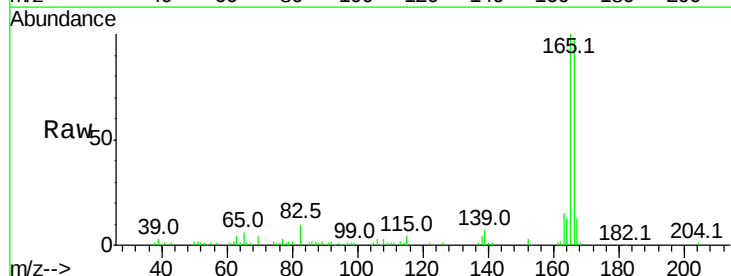
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 9.116 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

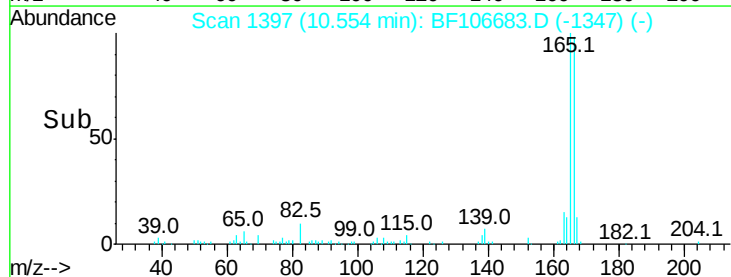
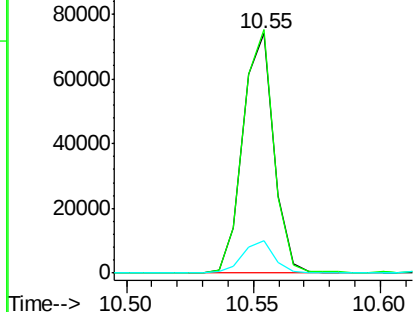
Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.7	79.8	119.8
167	13.6	10.6	16.0

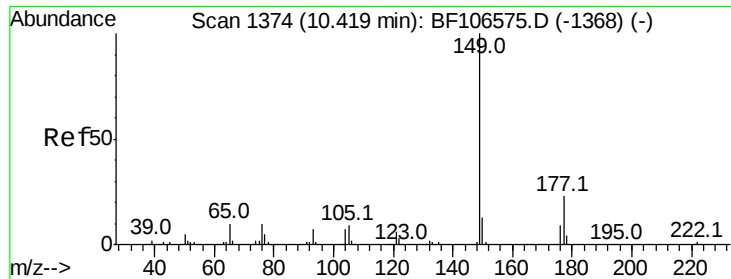


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

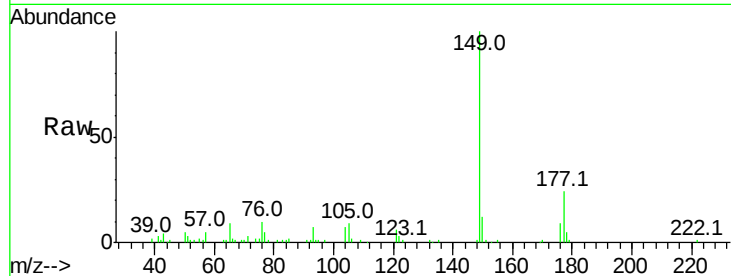




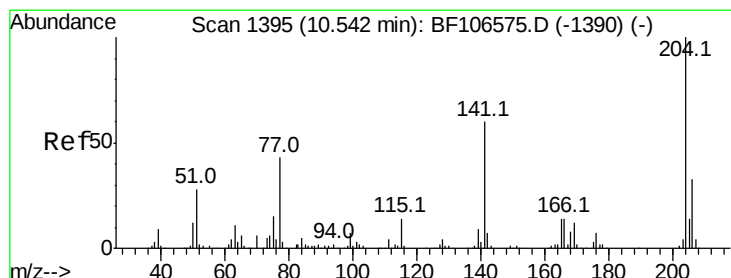
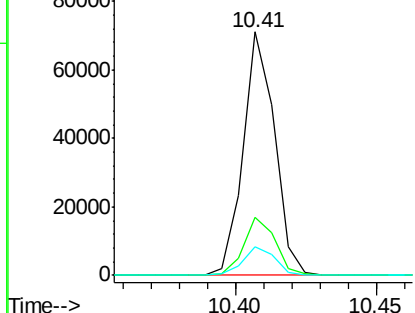
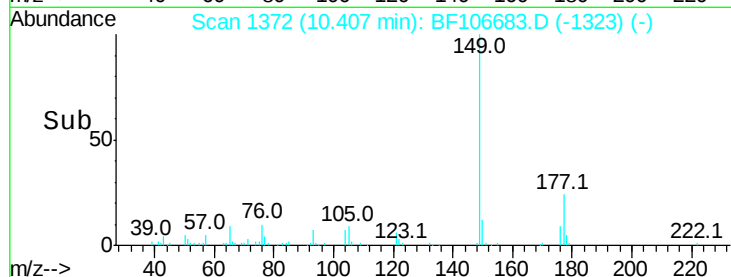
#59
Diethylphthalate
Concen: 7.466 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 54833
Ion Ratio Lower Upper
149 100
177 23.6 16.1 24.1
150 11.8 10.1 15.1

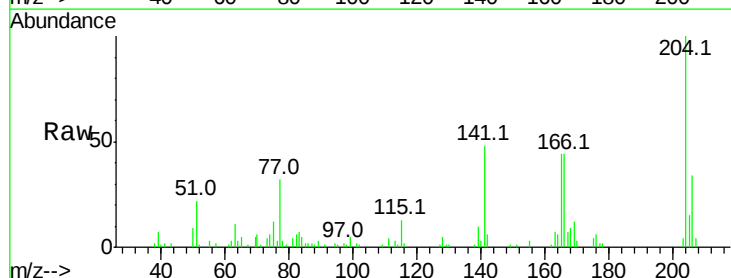


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

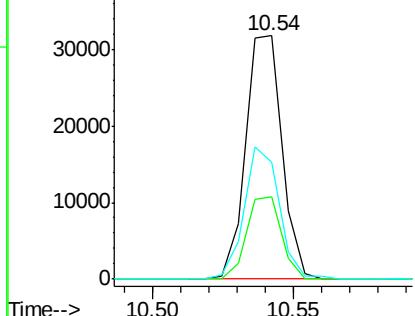
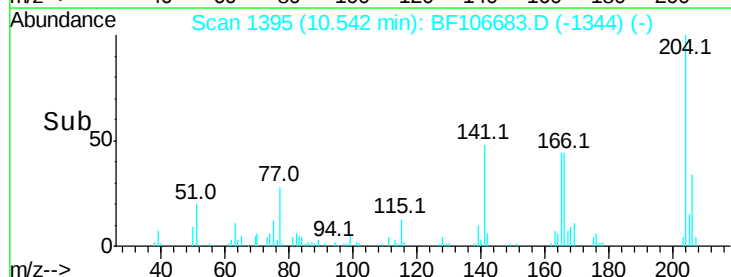


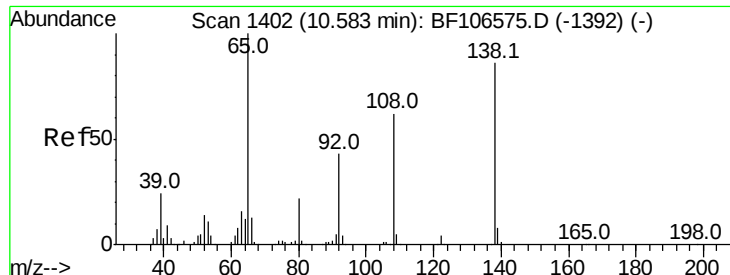
#60
4-Chlorophenyl-phenylether
Concen: 7.920 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

Tgt Ion:204 Resp: 28491
Ion Ratio Lower Upper
204 100
206 34.0 26.5 39.7
141 48.2 54.6 81.8#



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

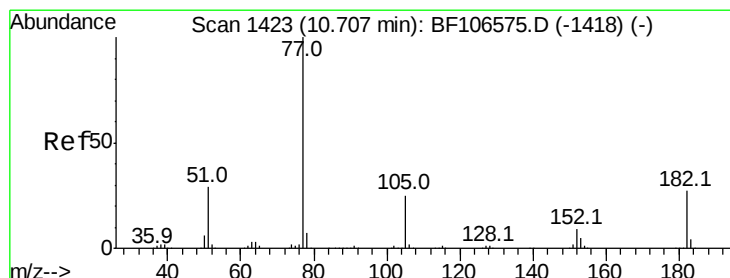
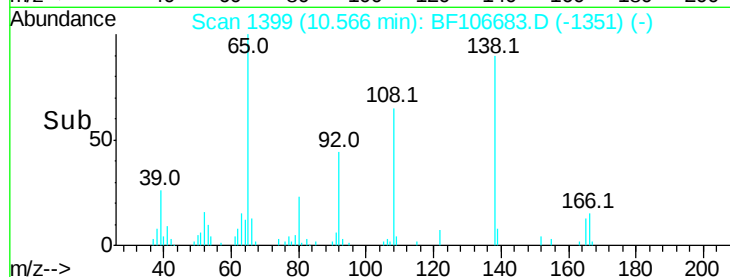
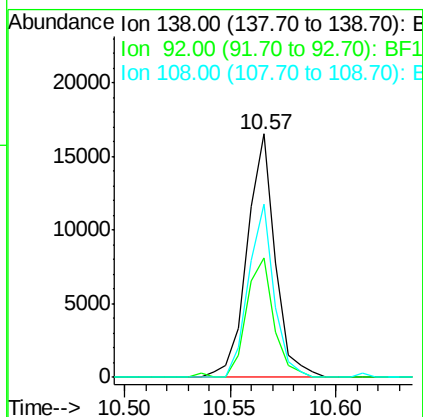
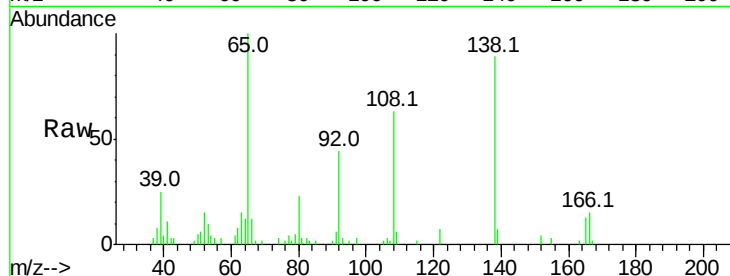




#61
4-Nitroaniline
Concen: 8.252 ng
RT: 10.57 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

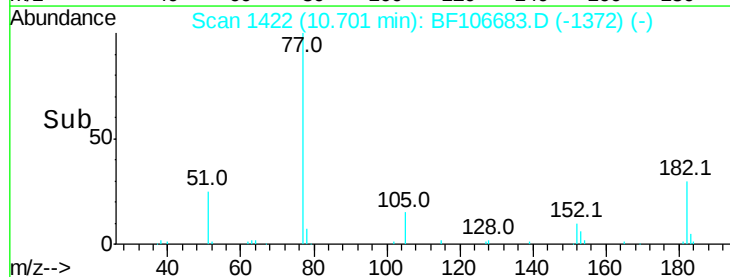
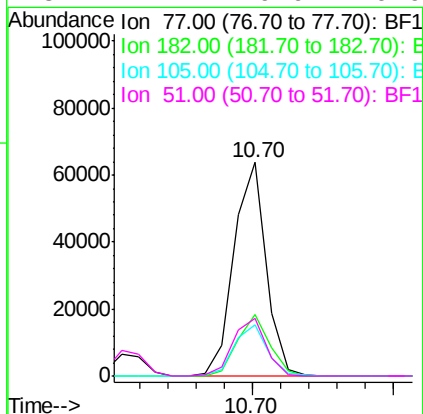
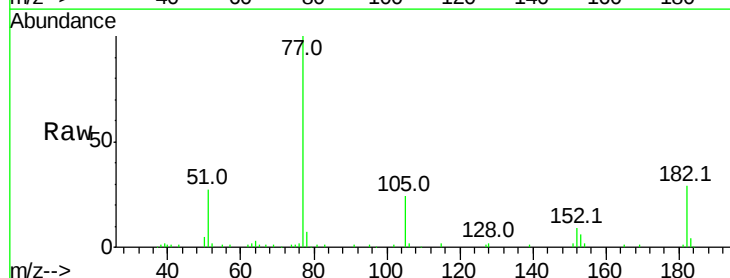
Instrument :
BNA_F
ClientSampled :

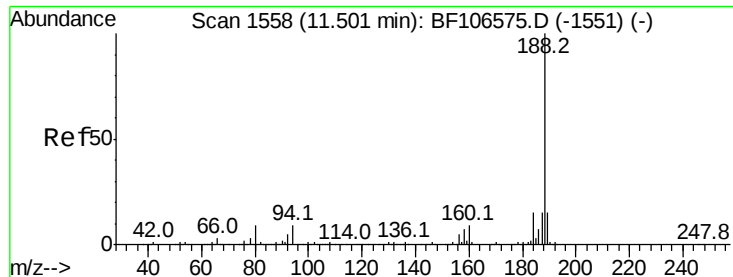
Tot Ion:138 Resp: 15186
Ion Ratio Lower Upper
138 100
92 49.0 30.2 70.2
108 71.4 52.5 92.5



#62
Azobenzene
Concen: 6.963 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

Tgt Ion: 77 Resp: 50363
Ion Ratio Lower Upper
77 100
182 28.7 1.7 41.7
105 23.9 3.0 43.0
51 27.2 9.9 49.9

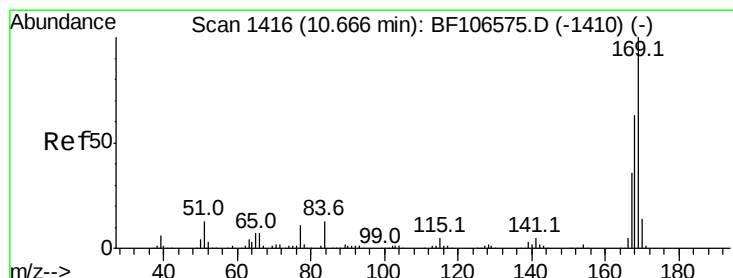
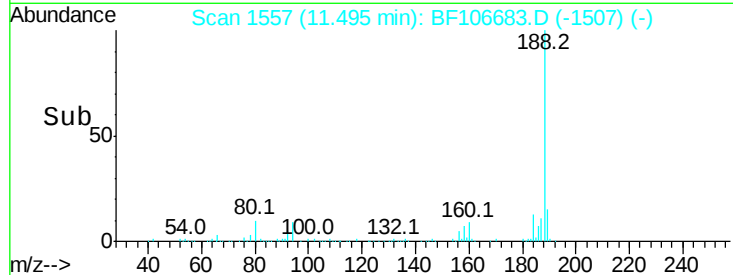
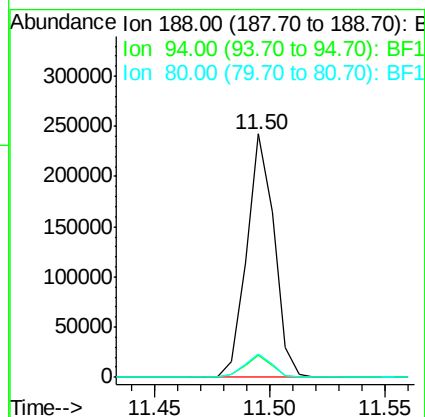
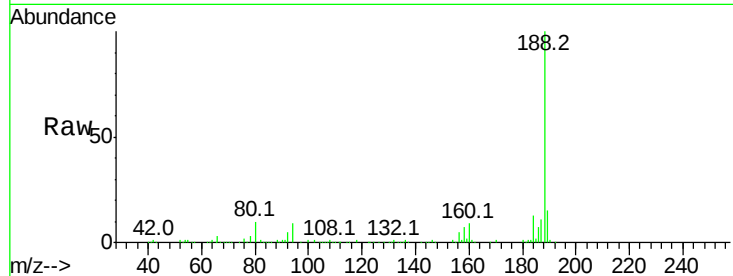




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

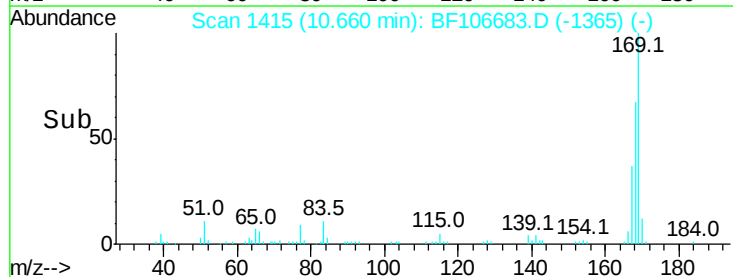
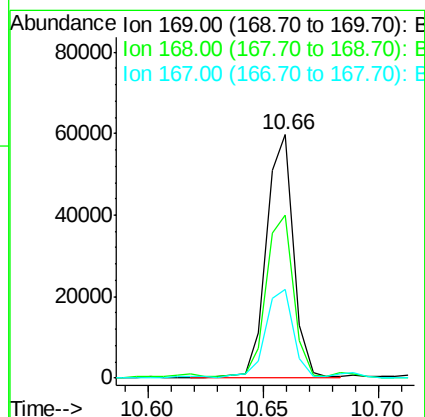
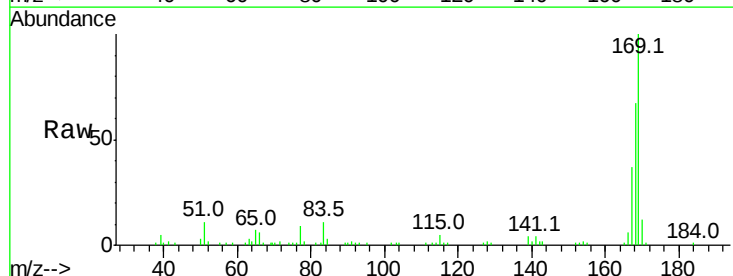
Instrument :
BNA_F
ClientSampleId :

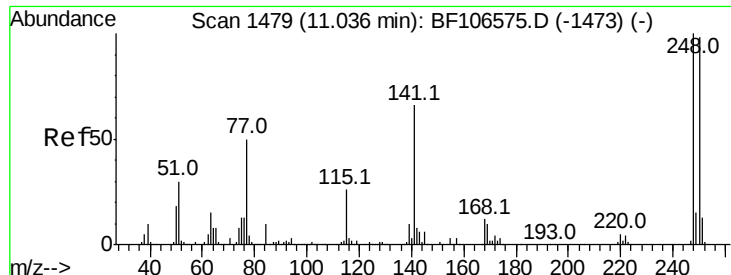
Tot Ion:188 Resp: 201628
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 9.8 9.2 13.8



#65
n-Nitrosodiphenylamine
Concen: 7.239 ng
RT: 10.66 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

Tgt Ion:169 Resp: 49094
Ion Ratio Lower Upper
169 100
168 67.0 54.4 81.6
167 36.7 29.8 44.6

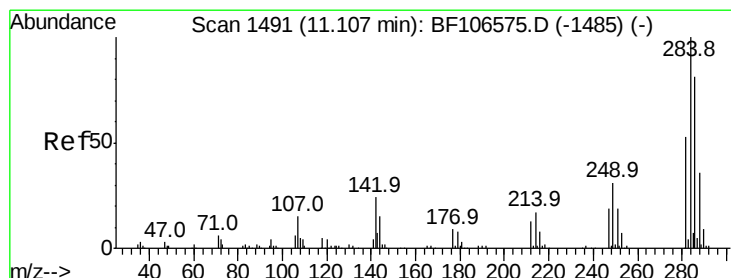
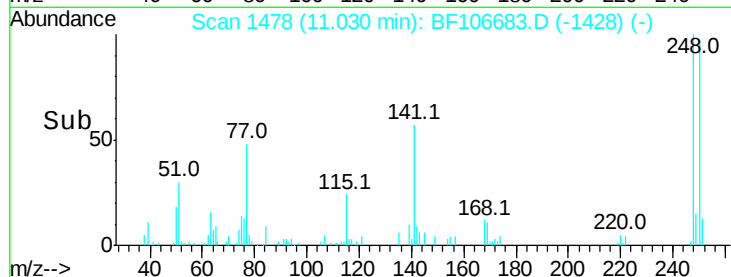
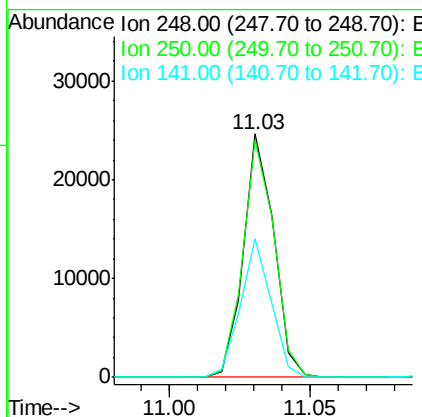
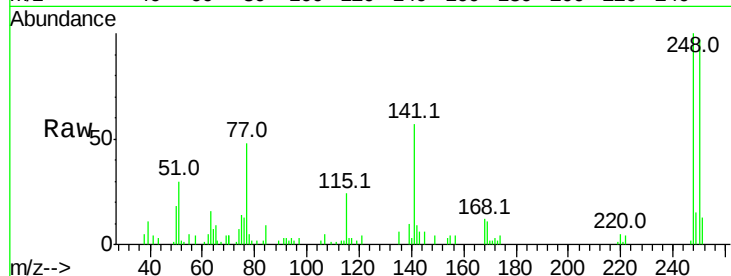




#66
4-Bromophenyl-phenylether
Concen: 7.699 ng
RT: 11.03 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

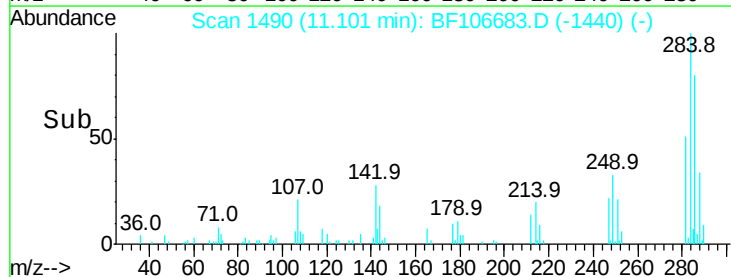
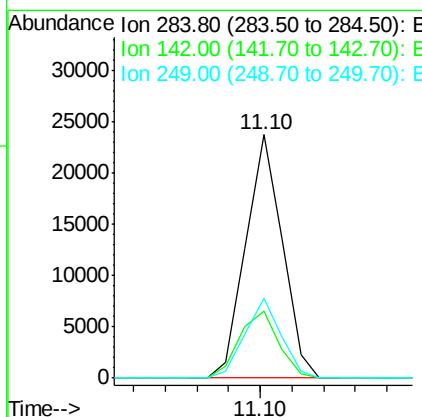
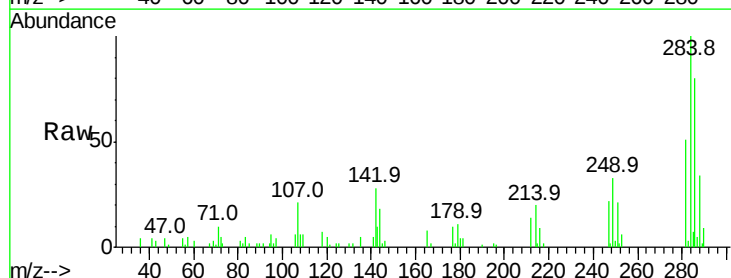
Instrument :
BNA_F
ClientSampleId :

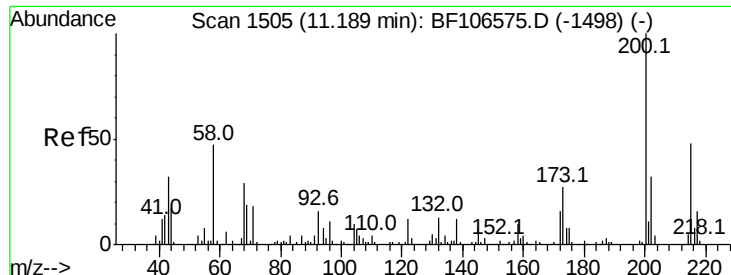
Tot Ion:248 Resp: 18526
Ion Ratio Lower Upper
248 100
250 97.3 76.9 115.3
141 57.2 74.4 111.6#



#67
Hexachlorobenzene
Concen: 7.548 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

Tgt Ion:284 Resp: 19009
Ion Ratio Lower Upper
284 100
142 27.6 34.6 52.0#
249 32.7 24.8 37.2

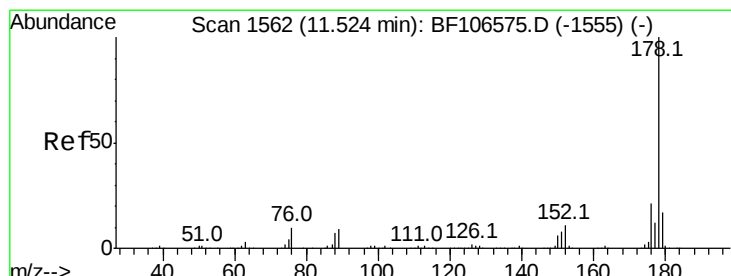
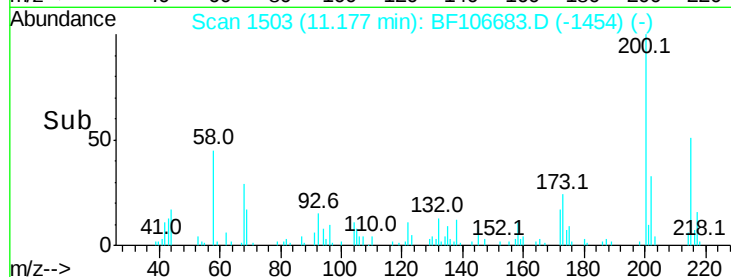
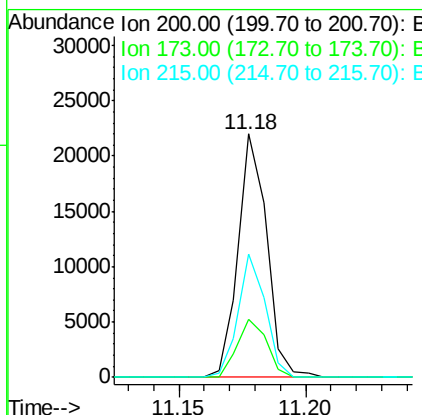
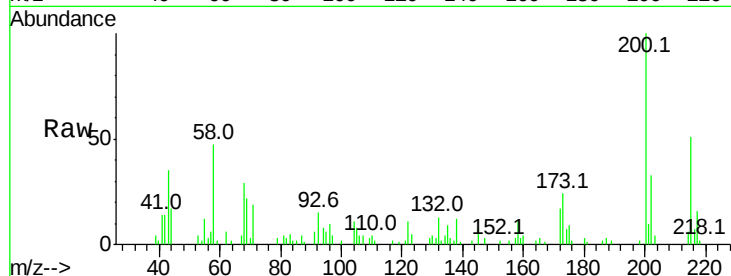




#68
 Atrazine
 Concen: 7.986 ng
 RT: 11.18 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF106683.D
 Acq: 22 Jun 2018 1:22

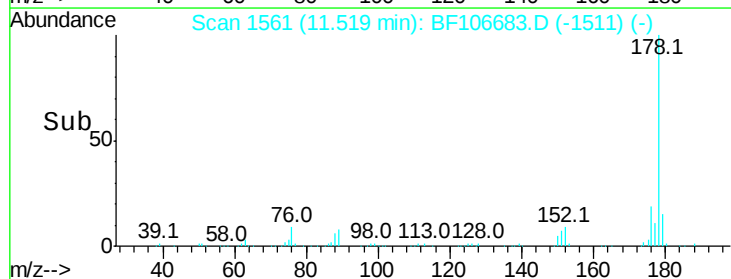
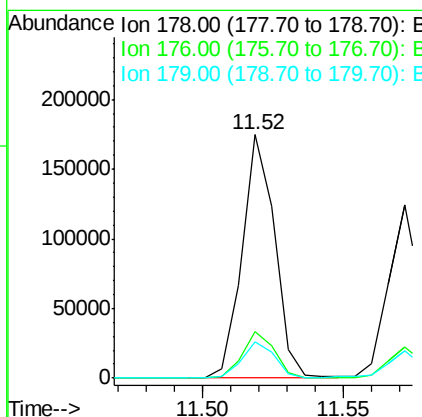
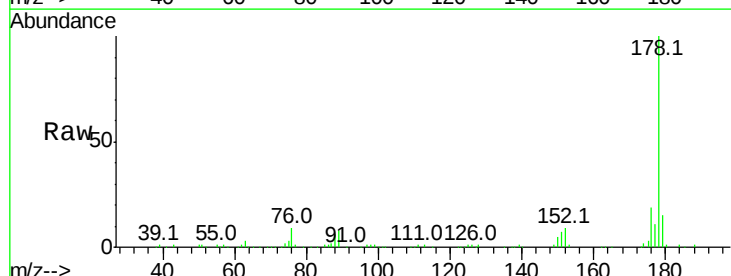
Instrument :
 BNA_F
 ClientSampleId :

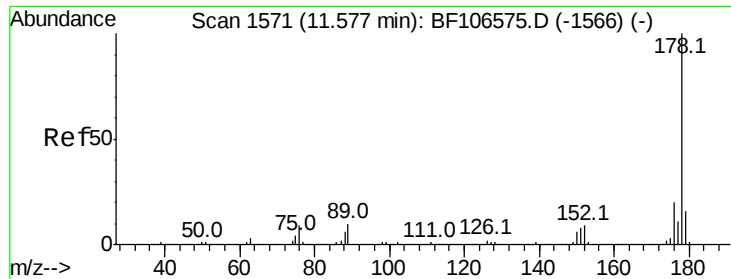
Tot Ion:200 Resp: 17217
 Ion Ratio Lower Upper
 200 100
 173 24.0 8.6 48.6
 215 50.7 25.1 65.1



#70
 Phenanthrene
 Concen: 14.341 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF106683.D
 Acq: 22 Jun 2018 1:22

Tgt Ion:178 Resp: 139469
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.0 13.0 19.6

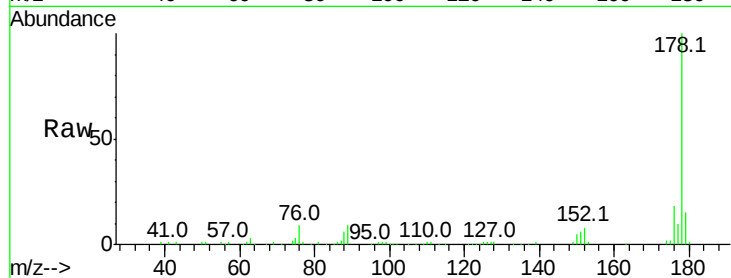




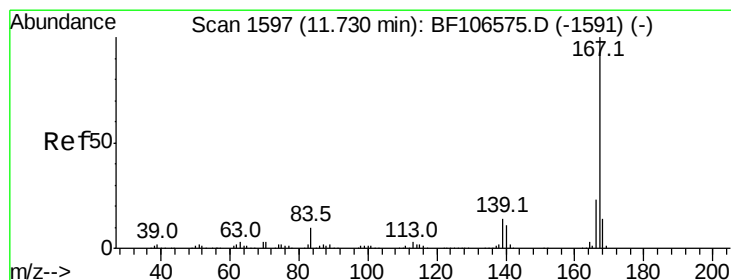
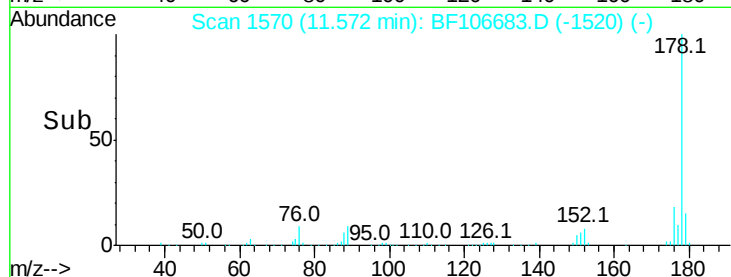
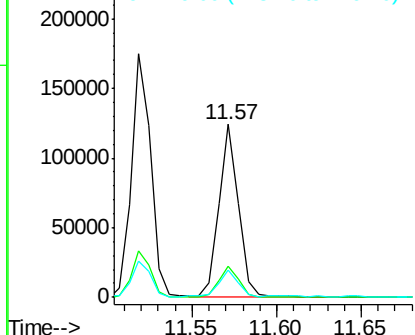
#71
 Anthracene
 Concen: 10.100 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF106683.D
 Acq: 22 Jun 2018 1:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 100252
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.2
 179 15.5 12.6 19.0

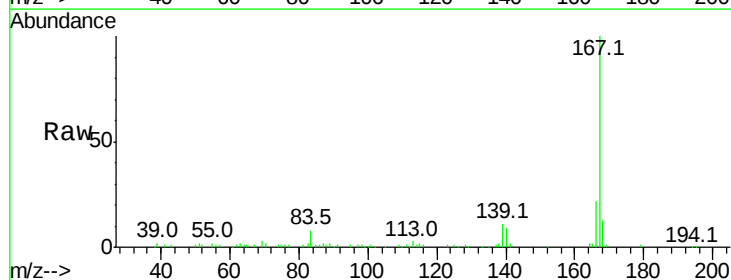


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

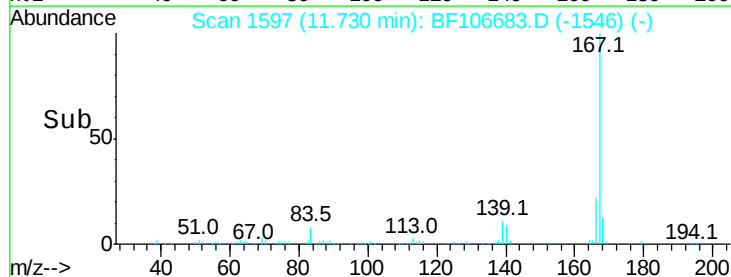
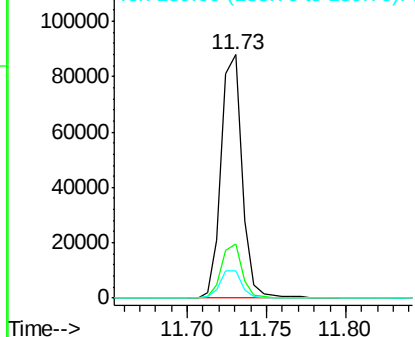


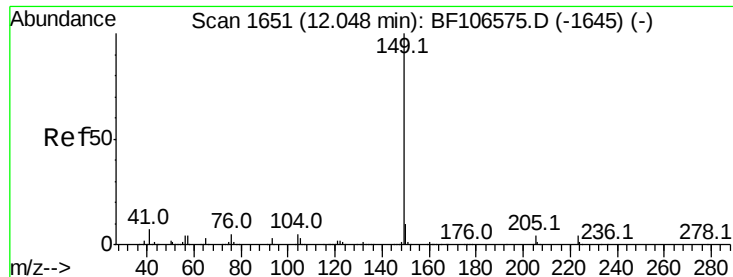
#72
 Carbazole
 Concen: 8.698 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF106683.D
 Acq: 22 Jun 2018 1:22

Tgt Ion:167 Resp: 80836
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 11.0 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

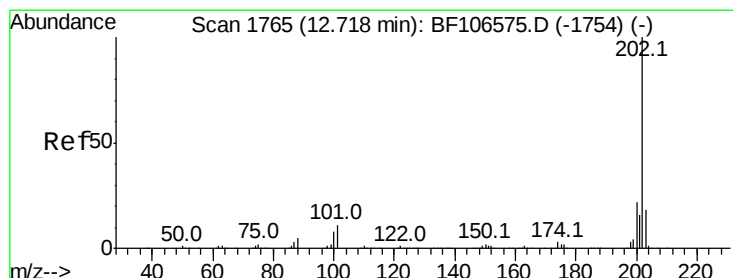
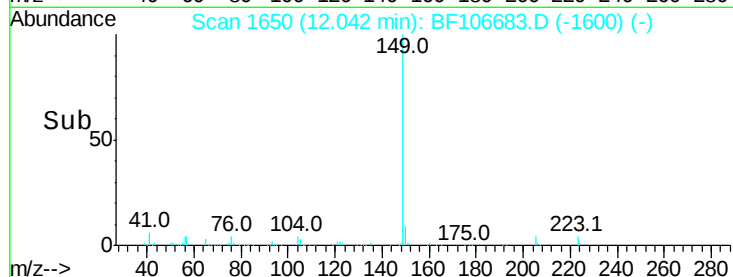
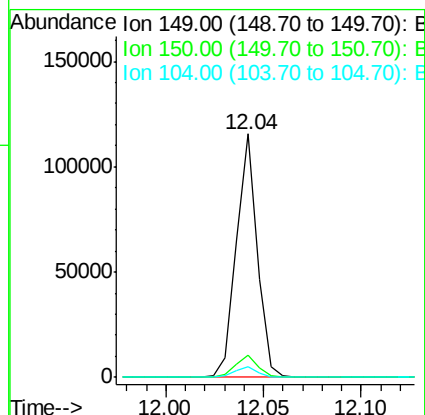
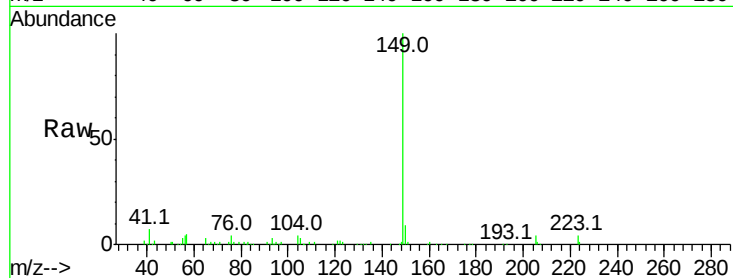




#73
Di-n-butylphthalate
Concen: 7.874 ng
RT: 12.04 min Scan# 1650
Delta R.T. -0.01 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

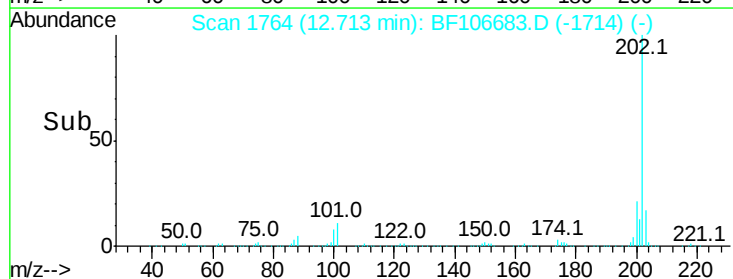
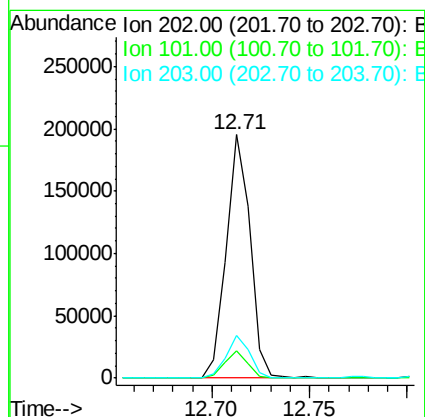
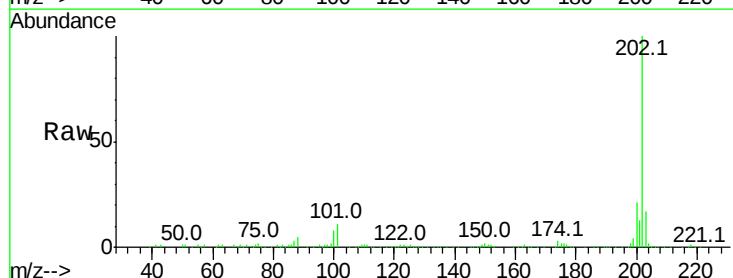
Instrument :
BNA_F
ClientSampleId :

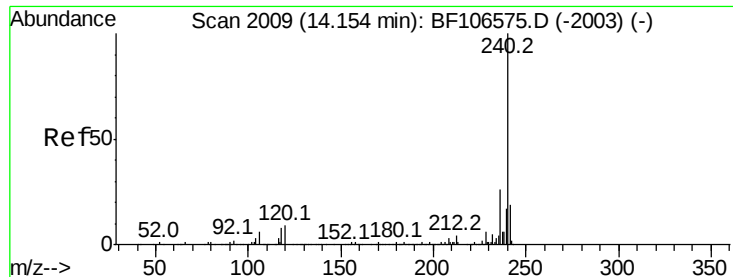
Tot Ion:149 Resp: 86209
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 4.4 3.8 5.8



#74
Fluoranthene
Concen: 15.492 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

Tgt Ion:202 Resp: 166051
Ion Ratio Lower Upper
202 100
101 11.2 0.0 34.1
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

Instrument :

BNA_F

ClientSampleId :

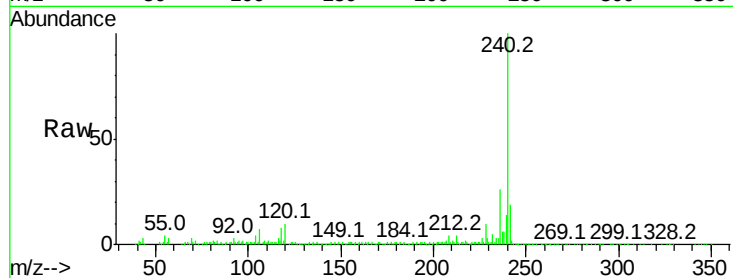
Tot Ion:240 Resp: 166970

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

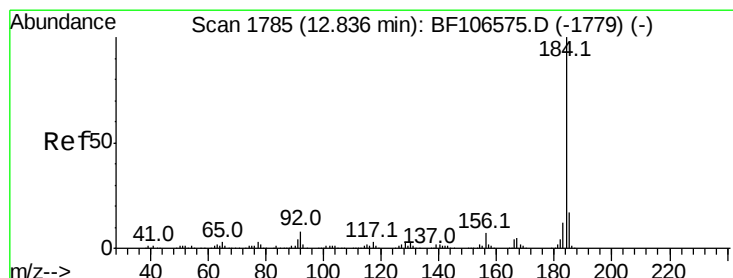
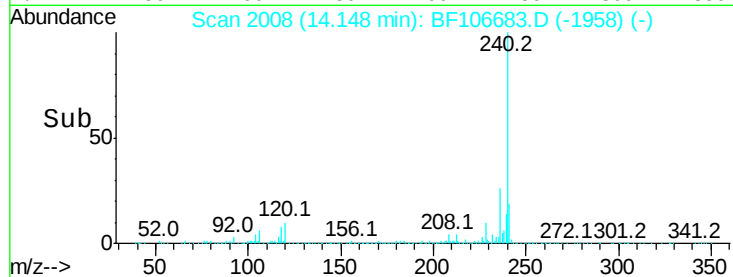
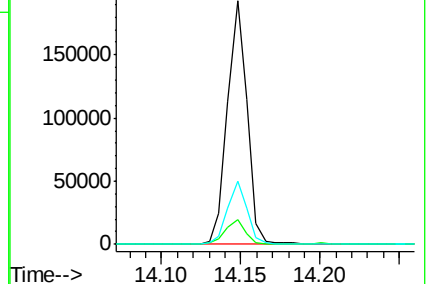
236 25.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 4.486 ng

RT: 12.83 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

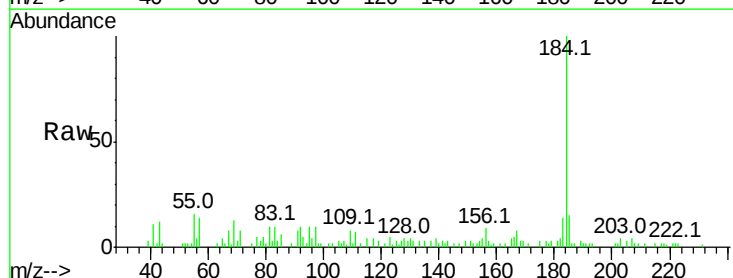
Tgt Ion:184 Resp: 21331

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

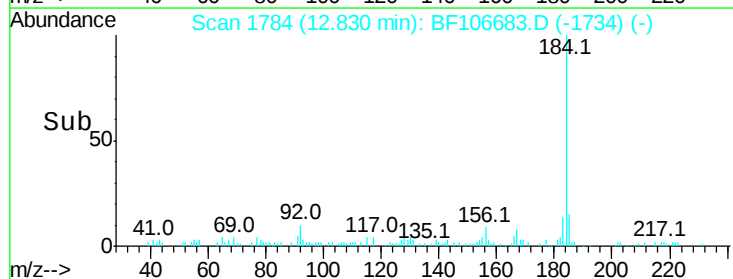
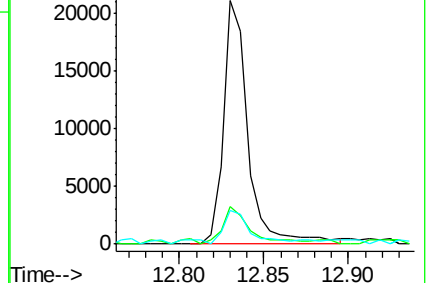
183 13.8 9.3 13.9

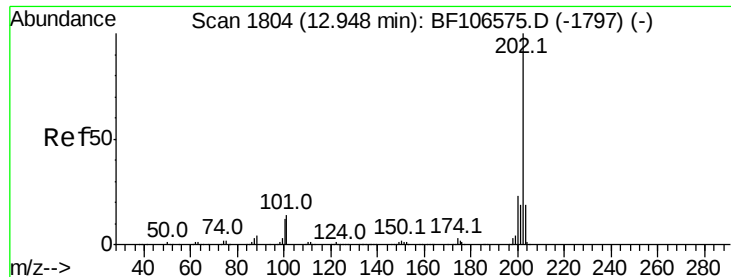


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 14.639 ng

RT: 12.95 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

Instrument :

BNA_F

ClientSampleId :

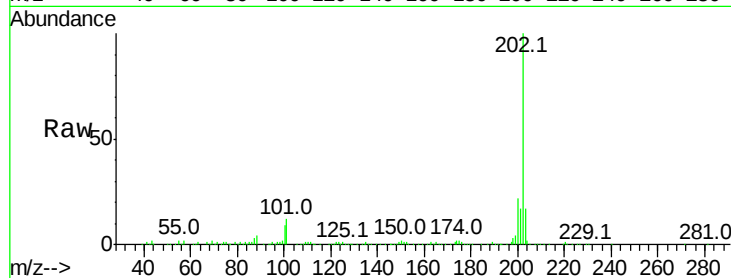
Tot Ion:202 Resp: 161187

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

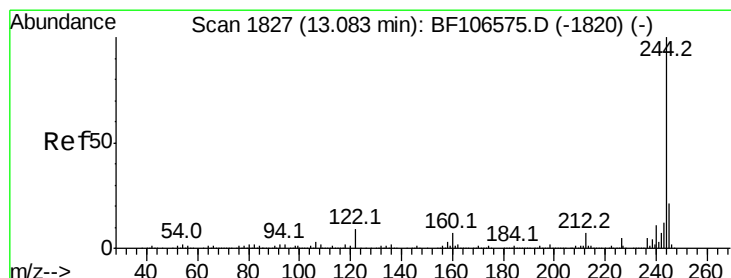
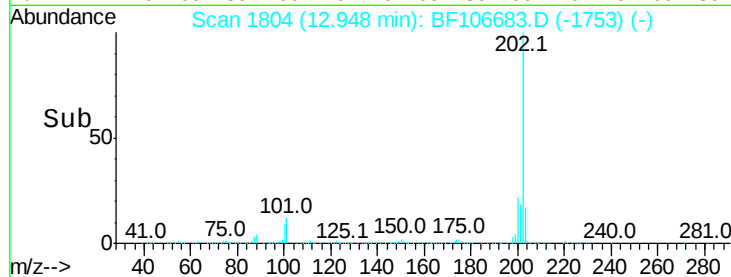
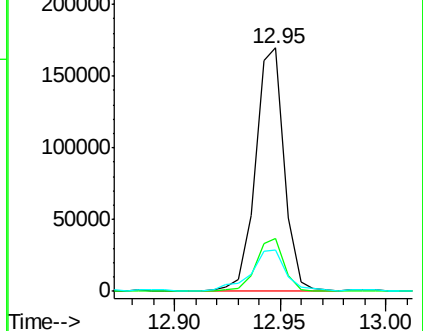
203 17.1 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 21.976 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

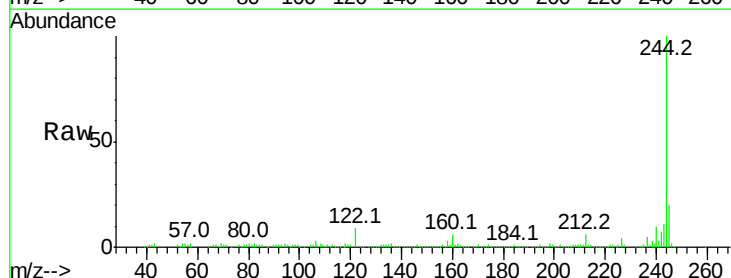
Tgt Ion:244 Resp: 151484

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

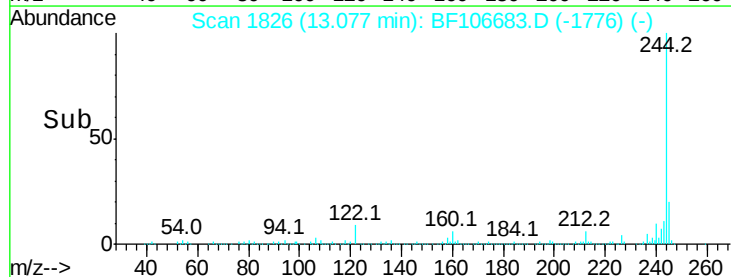
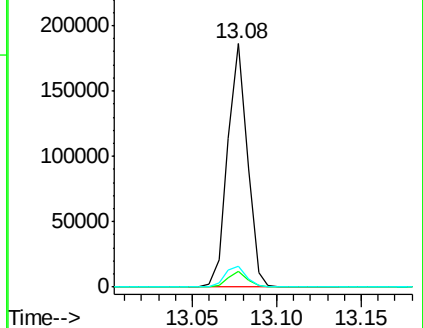
122 8.8 11.0 16.4#

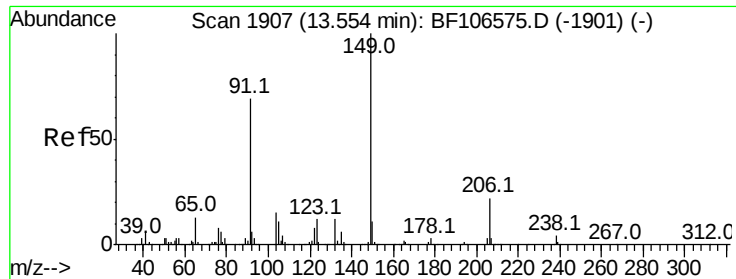


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

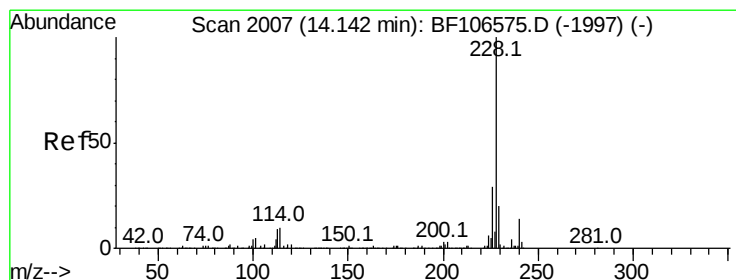
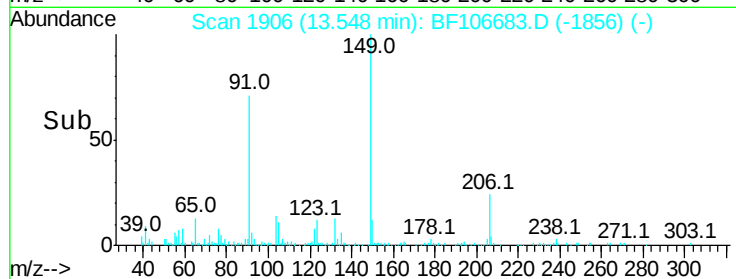
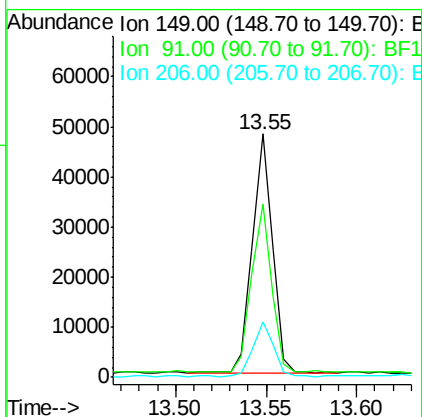
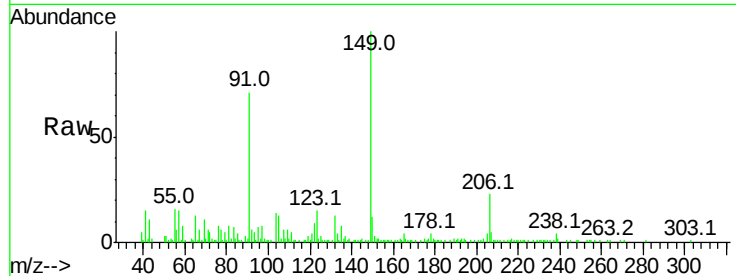




#79
 Butylbenzylphthalate
 Concen: 8.117 ng
 RT: 13.55 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF106683.D
 Acq: 22 Jun 2018 1:22

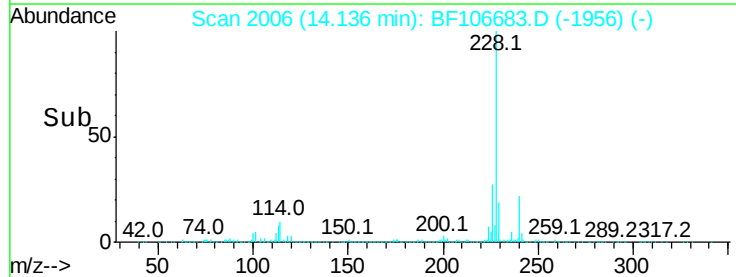
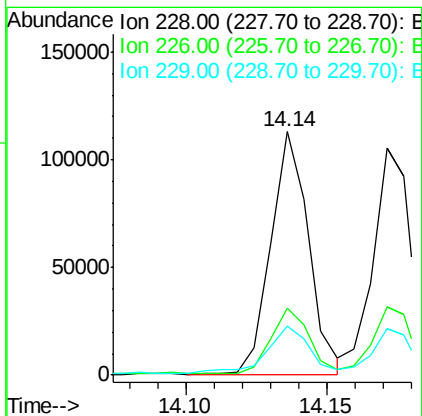
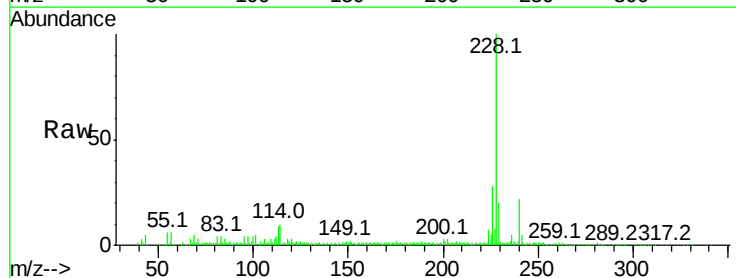
Instrument :
 BNA_F
 ClientSampleId :

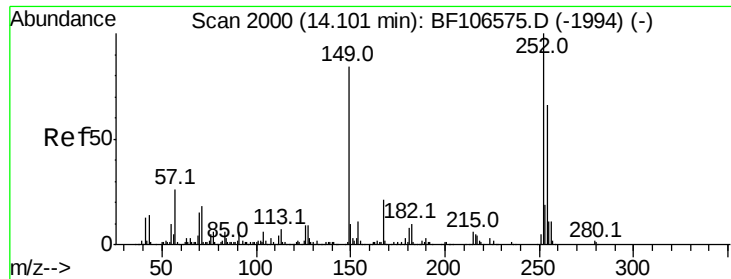
Tot Ion:149 Resp: 36746
 Ion Ratio Lower Upper
 149 100
 91 71.0 56.8 85.2
 206 23.0 14.1 21.1#



#80
 Benzo(a)anthracene
 Concen: 10.219 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF106683.D
 Acq: 22 Jun 2018 1:22

Tgt Ion:228 Resp: 103993
 Ion Ratio Lower Upper
 228 100
 226 27.8 22.6 33.8
 229 20.1 15.8 23.6

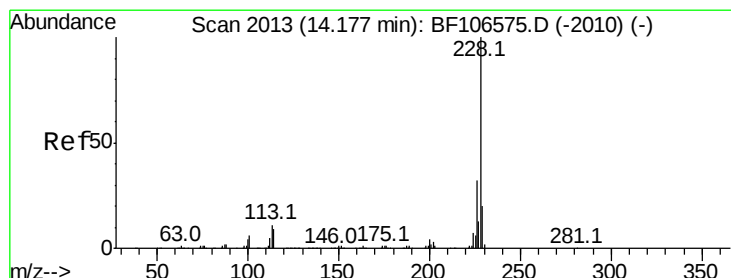
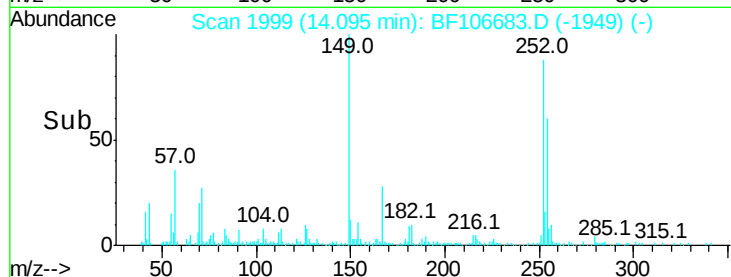
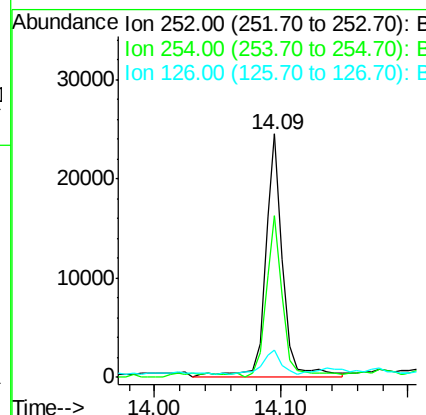
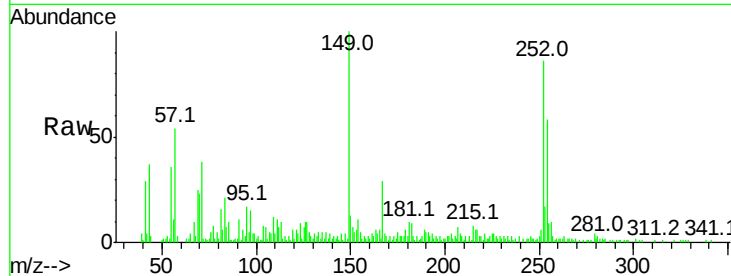




#81
 3,3'-Dichlorobenzidine
 Concen: 6.619 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF106683.D
 Acq: 22 Jun 2018 1:22

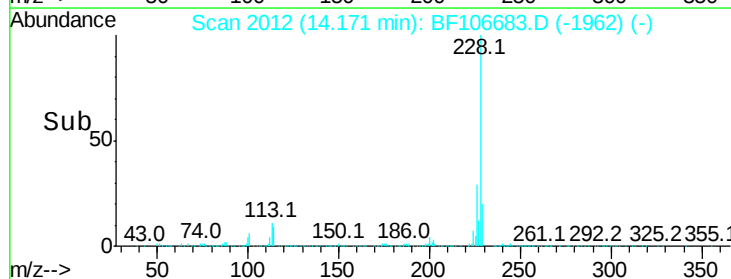
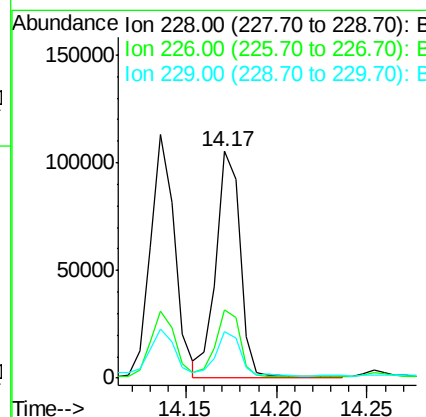
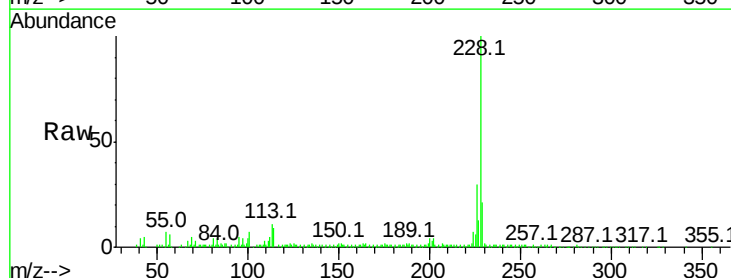
Instrument :
 BNA_F
 ClientSampleId :

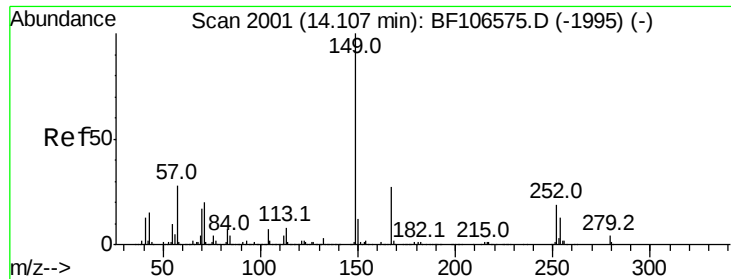
Tot Ion:252 Resp: 23674
 Ion Ratio Lower Upper
 252 100
 254 66.6 50.4 75.6
 126 11.0 11.3 16.9#



#82
 Chrysene
 Concen: 10.344 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF106683.D
 Acq: 22 Jun 2018 1:22

Tgt Ion:228 Resp: 96846
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.0 37.6
 229 20.6 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 10.136 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

Instrument :

BNA_F

ClientSampleId :

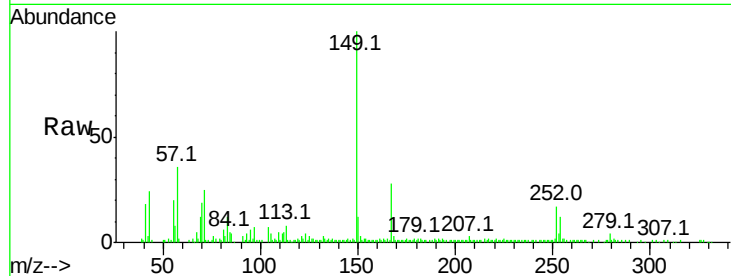
Tot Ion:149 Resp: 58664

Ion Ratio Lower Upper

149 100

167 28.4 21.3 31.9

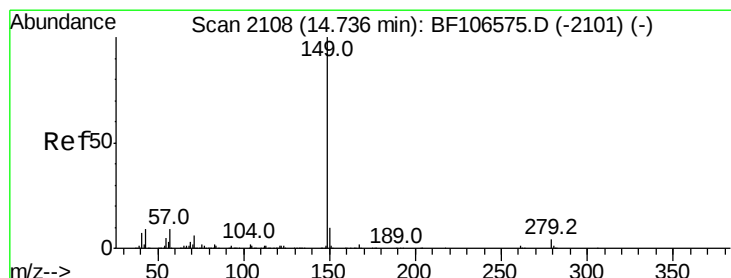
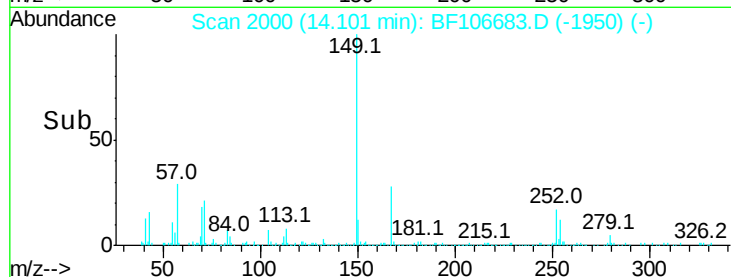
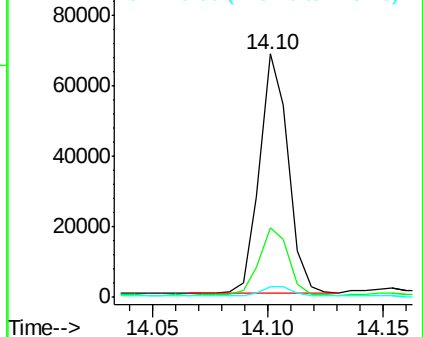
279 4.5 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 7.938 ng

RT: 14.73 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

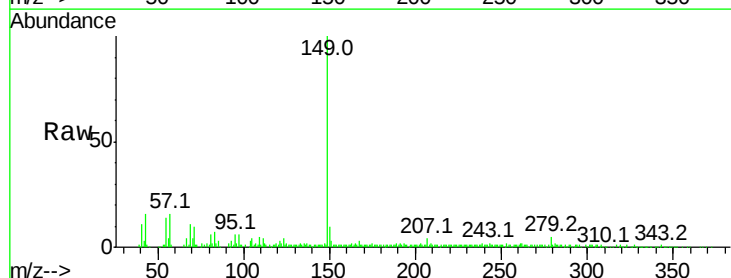
Tgt Ion:149 Resp: 74883

Ion Ratio Lower Upper

149 100

167 2.5 1.2 1.8#

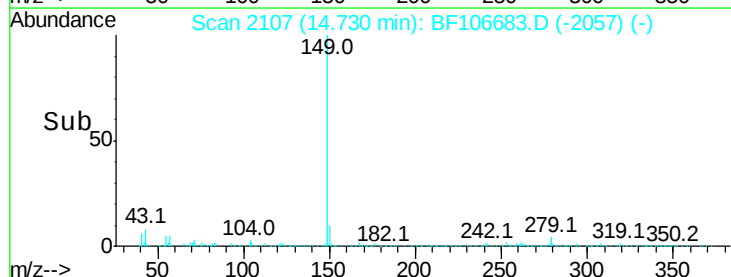
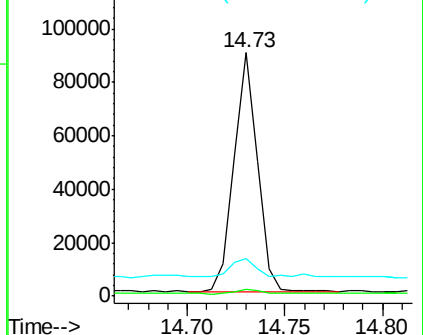
43 7.9 8.4 12.6#

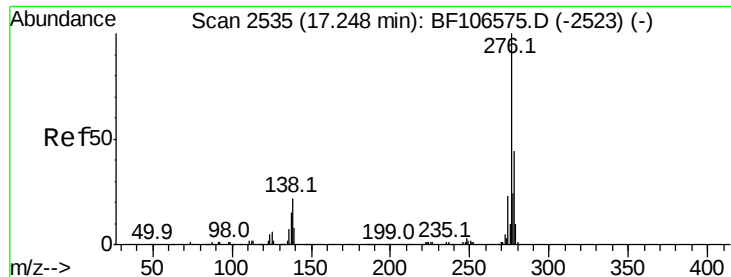


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 8.024 ng

RT: 17.26 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

Instrument :

BNA_F

ClientSampleId :

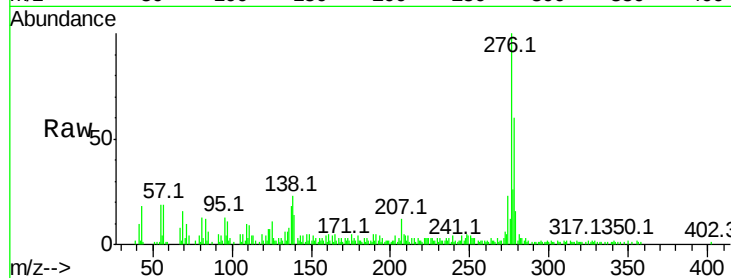
Tot Ion:276 Resp: 63750

Ion Ratio Lower Upper

276 100

138 22.7 25.0 37.6#

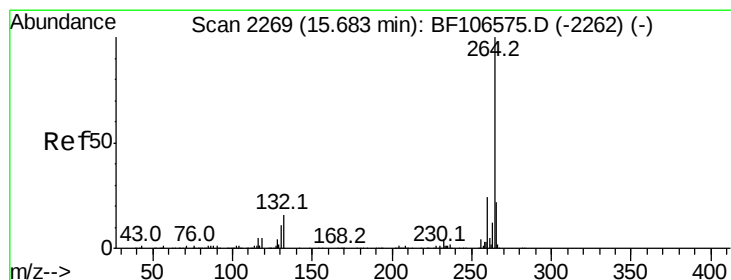
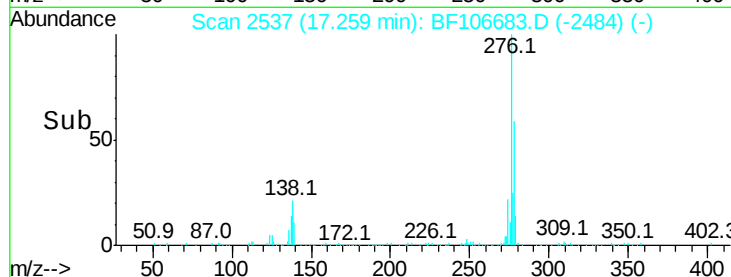
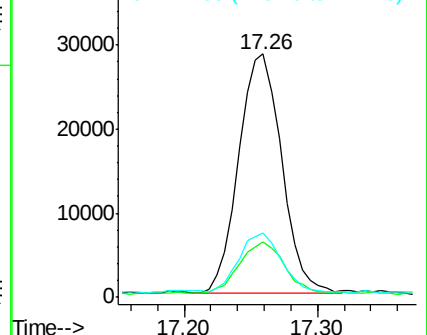
277 25.3 20.1 30.1



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: BF106683.D

Acq: 22 Jun 2018 1:22

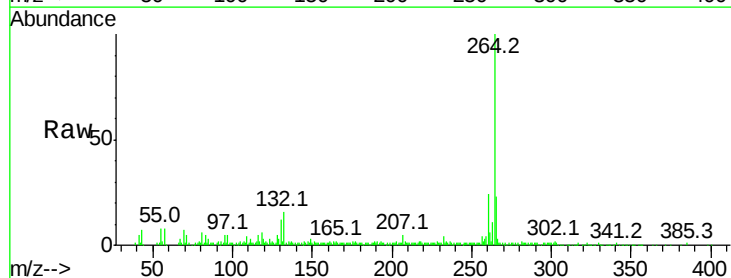
Tgt Ion:264 Resp: 124382

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

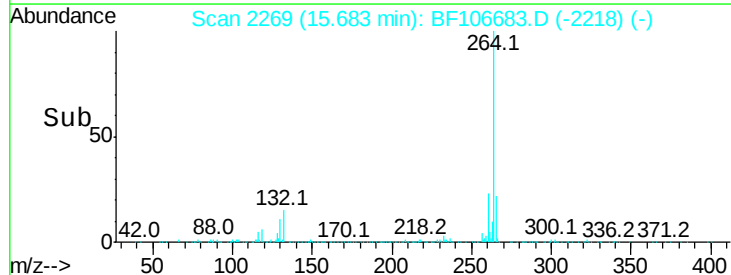
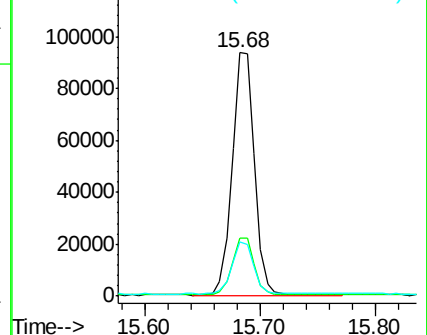
265 22.5 17.5 26.3

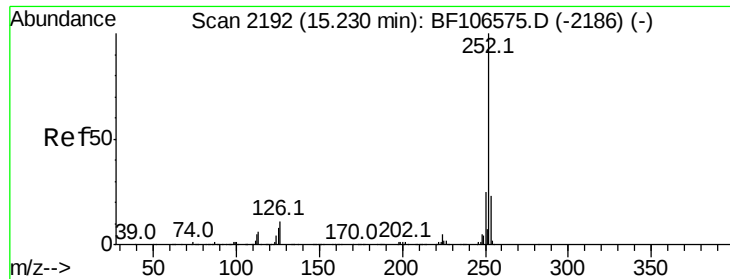


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

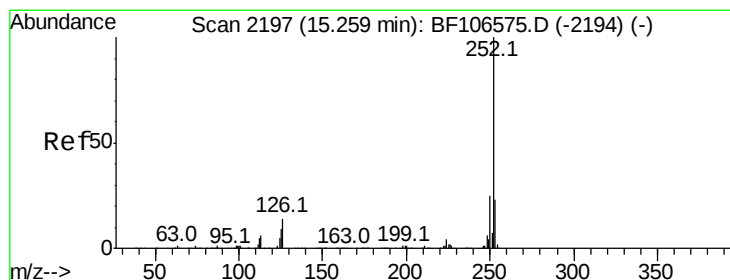
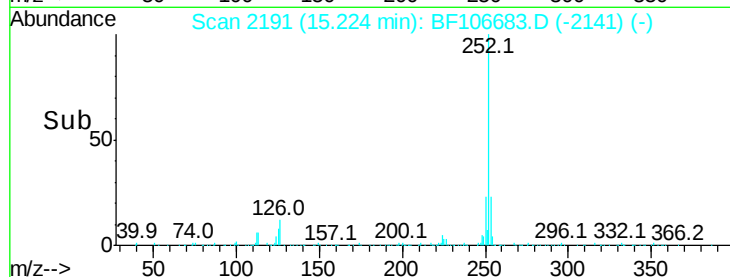
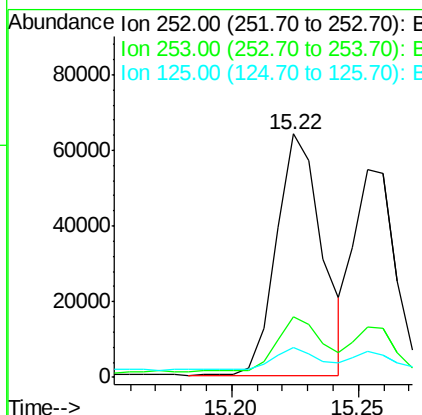
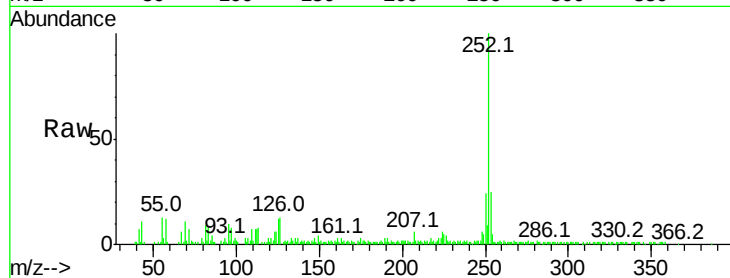




#87
Benzo(b)fluoranthene
Concen: 10.303 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

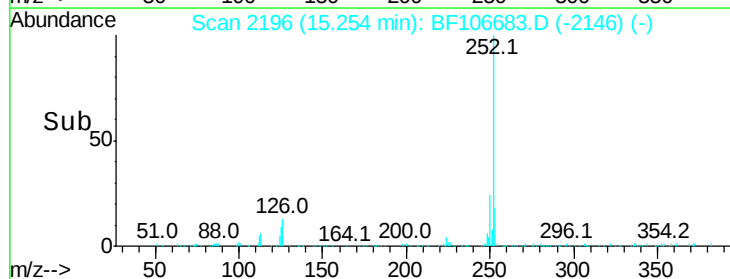
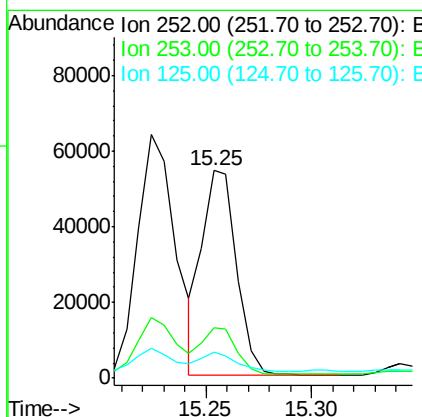
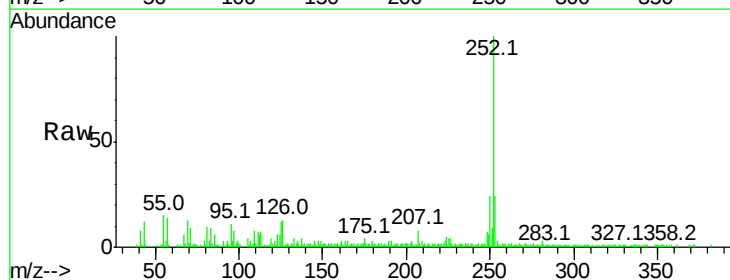
Instrument :
BNA_F
ClientSampleId :

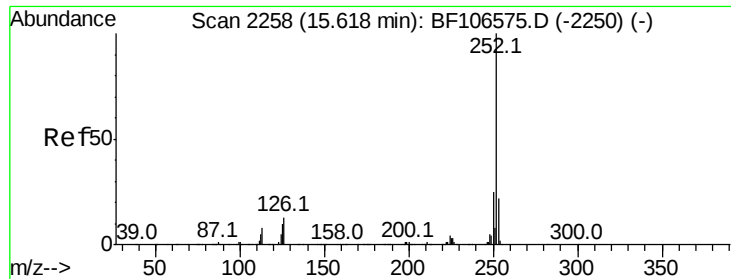
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.0	25.6
125	12.4	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 8.429 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF106683.D
Acq: 22 Jun 2018 1:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	12.4	10.2	15.2





#89

Benzo(a)pyrene

Concen: 10.065 ng

RT: 15.62 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

Instrument :

BNA_F

ClientSampleId :

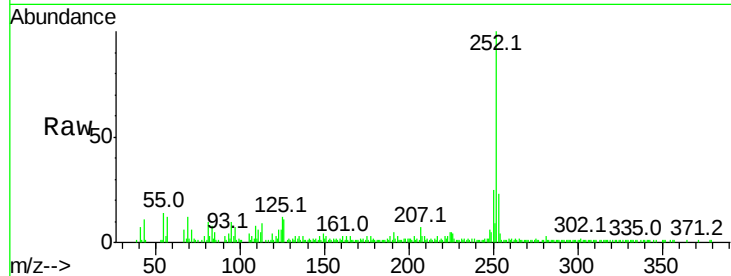
Tot Ion:252 Resp: 69131

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

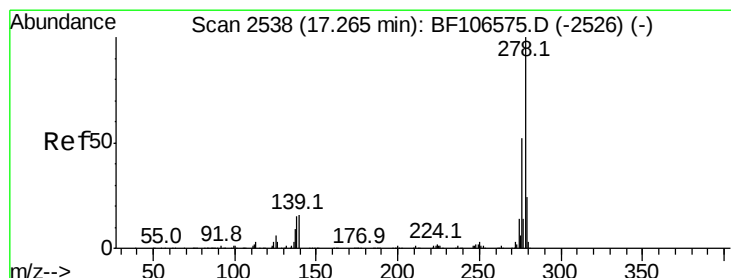
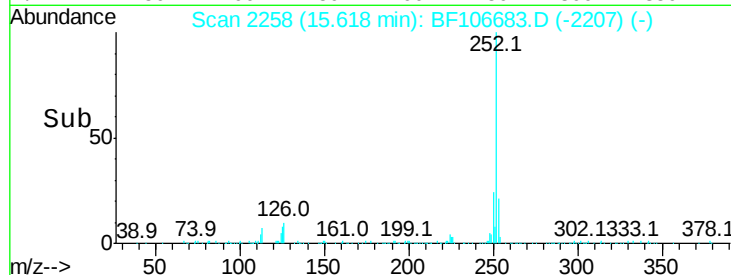
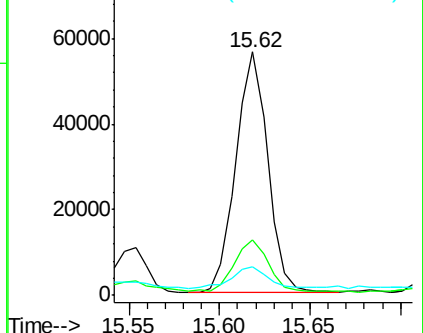
125 11.5 9.8 14.6



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: 7.962 ng

RT: 17.27 min Scan# 2539

Delta R.T. 0.01 min

Lab File: BF106683.D

Acq: 22 Jun 2018 1:22

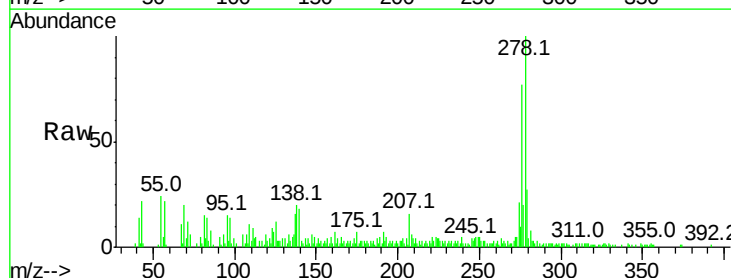
Tgt Ion:278 Resp: 46348

Ion Ratio Lower Upper

278 100

139 17.7 15.9 23.9

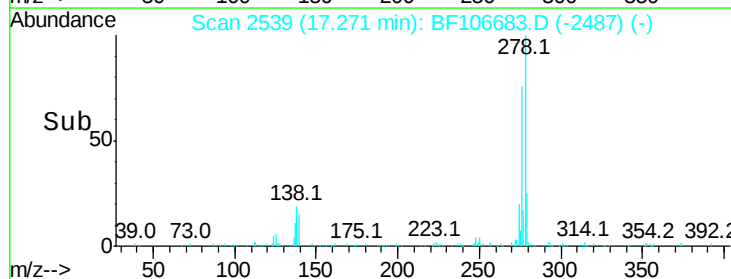
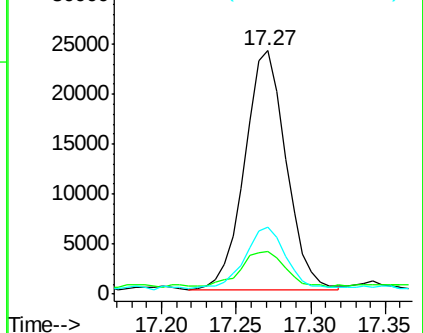
279 27.3 19.0 28.4

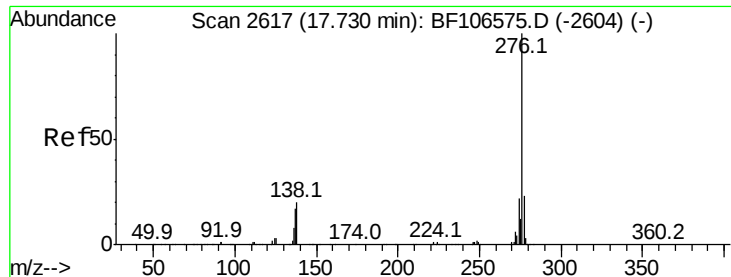


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

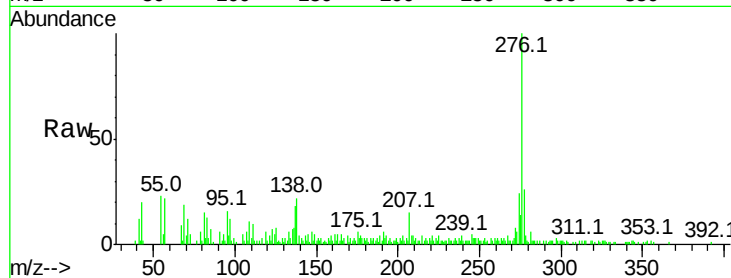




#91
 Benzo(a,h,i)perylene
 Concen: 9.530 ng
 RT: 17.74 min Scan# 2618
 Delta R.T. 0.01 min
 Lab File: BF106683.D
 Acq: 22 Jun 2018 1:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	21.6	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

