

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
 Data File : BF107175.D
 Acq On : 6 Jul 2018 16:20
 Operator : JU/SJ
 Sample : J3858-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

Quant Time: Jul 06 16:45:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	62592	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	248248	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	126628	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	229936	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	163712	20.00	ng	-0.03
86) Perylene-d12	15.67	264	178139	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	363116	98.23	ng	0.00
7) Phenol-d6	6.60	99	457557	99.12	ng	-0.02
23) Nitrobenzene-d5	7.51	82	291535	65.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	142800	97.30	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	516881	65.75	ng	-0.02
78) Terphenyl-d14	13.07	244	487297	72.10	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	50144	26.386	ng	96
3) Pyridine	3.63	79	143124	27.770	ng	97
4) n-Nitrosodimethylamine	3.59	42	59840	27.337	ng	86
6) Aniline	6.61	93	82788	13.221	ng	# 29
8) 2-Chlorophenol	6.74	128	135375	33.391	ng	95
9) Benzaldehyde	6.50	77	61628	16.775	ng	98
10) Phenol	6.61	94	176274	33.461	ng	89
11) bis(2-Chloroethyl)ether	6.68	93	134686	30.969	ng	98
12) 1,3-Dichlorobenzene	6.88	146	157123	33.089	ng	98
13) 1,4-Dichlorobenzene	6.96	146	159171	33.156	ng	98
14) 1,2-Dichlorobenzene	7.11	146	148261	33.698	ng	99
15) Benzyl Alcohol	7.09	79	116145	31.335	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	188144	32.972	ng	# 25
17) 2-Methylphenol	7.21	107	117196	33.778	ng	# 89
18) Hexachloroethane	7.45	117	51924	30.757	ng	# 82
19) n-Nitroso-di-n-propylamine	7.35	70	94372	31.015	ng	94
20) 3+4-Methylphenols	7.37	107	154905	40.124	ng	98
22) Acetophenone	7.35	105	189837	34.181	ng	# 99
24) Nitrobenzene	7.53	77	147300	32.298	ng	99
25) Isophorone	7.77	82	266228	33.822	ng	98
26) 2-Nitrophenol	7.85	139	75635	35.131	ng	96
27) 2,4-Dimethylphenol	7.88	122	125228	37.632	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	170817	32.320	ng	98
29) 2,4-Dichlorophenol	8.10	162	126125	36.203	ng	94
30) 1,2,4-Trichlorobenzene	8.17	180	137422	35.807	ng	97
31) Naphthalene	8.25	128	401381	34.583	ng	99
32) Benzoic acid	7.98	122	10598	9.587	ng	98
33) 4-Chloroaniline	8.30	127	38514	7.908	ng	98
34) Hexachlorobutadiene	8.35	225	87946	35.168	ng	98
35) Caprolactam	8.67	113	25348	22.320	ng	98
36) 4-Chloro-3-methylphenol	8.80	107	126380	34.464	ng	98
37) 2-Methylnaphthalene	8.94	142	291446	37.885	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	150937	35.394	ng	# 95
40) Hexachlorocyclopentadiene	9.08	237	26613	12.130	ng	99

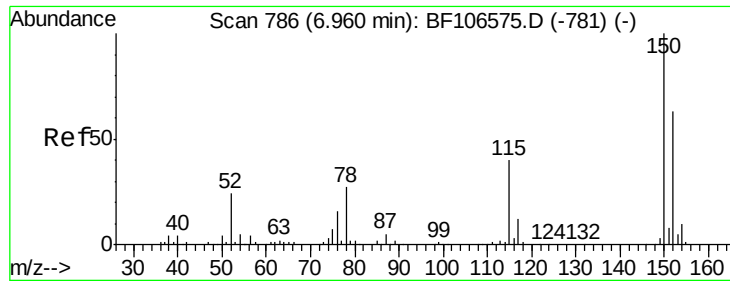
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
 Data File : BF107175.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	84350	29.757	ng	92
43) 2,4,5-Trichlorophenol	9.28	196	88392	29.884	ng	90
45) 1,1'-Biphenyl	9.41	154	344806	34.168	ng	96
46) 2-Chloronaphthalene	9.44	162	250700	31.560	ng	96
47) 2-Nitroaniline	9.54	65	78867	29.525	ng	94
48) Acenaphthylene	9.85	152	397764	31.716	ng	99
49) Dimethylphthalate	9.70	163	398464	41.956	ng	97
50) 2,6-Dinitrotoluene	9.78	165	68716	34.169	ng	87
51) Acenaphthene	10.02	154	241879	30.628	ng	97
52) 3-Nitroaniline	9.95	138	41712	18.024	ng	96
53) 2,4-Dinitrophenol	10.07	184	21524	24.561	ng #	19
54) Dibenzofuran	10.20	168	365873	33.833	ng	96
55) 4-Nitrophenol	10.13	139	50682	31.375	ng	87
56) 2,4-Dinitrotoluene	10.19	165	86626	33.000	ng	89
57) Fluorene	10.54	166	289298	33.713	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	75393	32.065	ng #	74
59) Diethylphthalate	10.40	149	273757	29.865	ng #	93
60) 4-Chlorophenyl-phenylether	10.52	204	149840	33.372	ng #	85
61) 4-Nitroaniline	10.57	138	59238	25.792	ng	89
62) Azobenzene	10.69	77	262371	29.066	ng	90
64) 4,6-Dinitro-2-methylphenol	10.60	198	33490	23.562	ng #	73
65) n-Nitrosodiphenylamine	10.65	169	245886	31.793	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	99076	36.104	ng #	77
67) Hexachlorobenzene	11.09	284	98349	34.242	ng #	86
68) Atrazine	11.17	200	86491	35.178	ng	95
69) Pentachlorophenol	11.30	266	40737	28.426	ng	96
70) Phenanthrene	11.51	178	410316	36.998	ng	99
71) Anthracene	11.56	178	399927	35.330	ng	100
72) Carbazole	11.72	167	333982	31.513	ng	98
73) Di-n-butylphthalate	12.02	149	385801	30.900	ng	99
74) Fluoranthene	12.70	202	391217	32.005	ng	96
76) Benzidine	12.82	184	132668	28.454	ng	95
77) Pyrene	12.94	202	373278	34.577	ng	100
79) Butylbenzylphthalate	13.53	149	125778	28.337	ng #	94
80) Benzo(a)anthracene	14.12	228	343209	34.397	ng	99
81) 3,3'-Dichlorobenzidine	14.08	252	84689	24.150	ng #	97
82) Chrysene	14.17	228	321983	35.076	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	160667	28.313	ng	96
84) Di-n-octyl phthalate	14.71	149	291367	31.499	ng	96
85) Indeno(1,2,3-cd)pyrene	17.26	276	299691	38.471	ng #	90
87) Benzo(b)fluoranthene	15.22	252	364447	32.934	ng #	96
88) Benzo(k)fluoranthene	15.25	252	330636	31.376	ng #	95
89) Benzo(a)pyrene	15.61	252	339712	34.533	ng #	96
90) Dibenzo(a,h)anthracene	17.27	278	249088	29.877	ng #	90
91) Benzo(g,h,i)perylene	17.74	276	236985	29.082	ng #	89

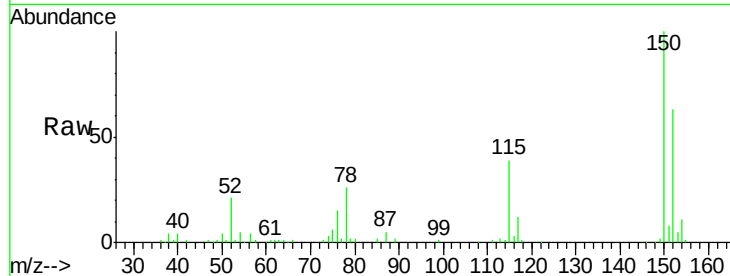
(#) = qualifier out of range (m) = manual integration (+) = signals summed



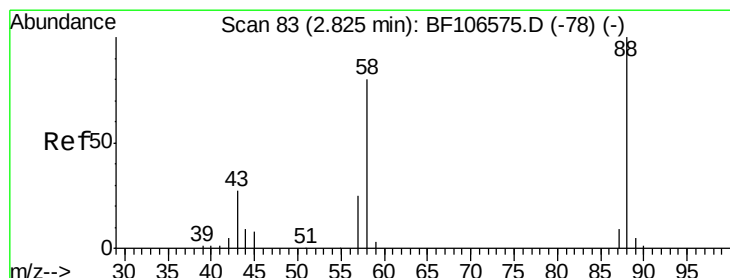
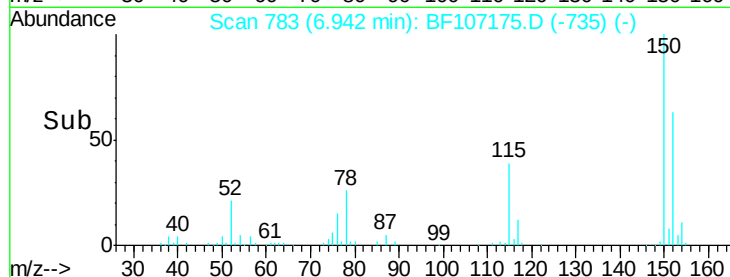
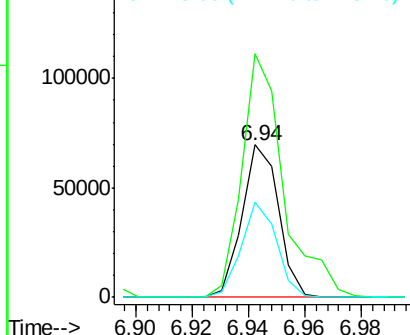
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

Tgt Ion: 152 Resp: 62592
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.6 186.8
 115 62.3 50.1 75.1

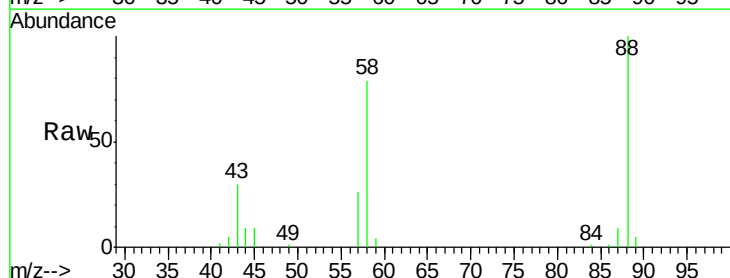


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

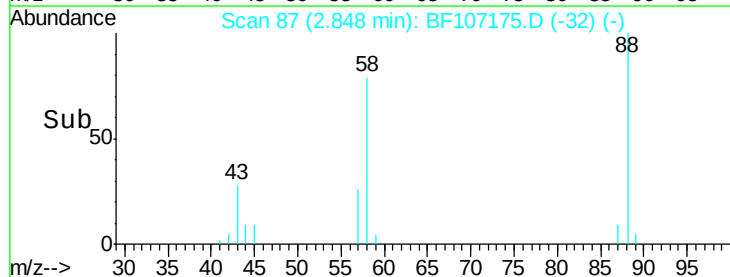
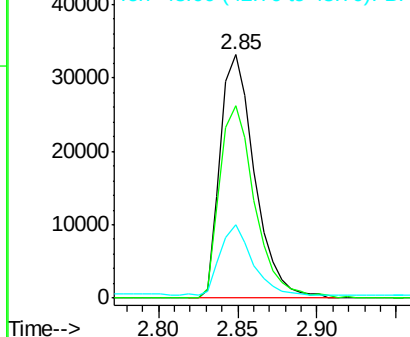


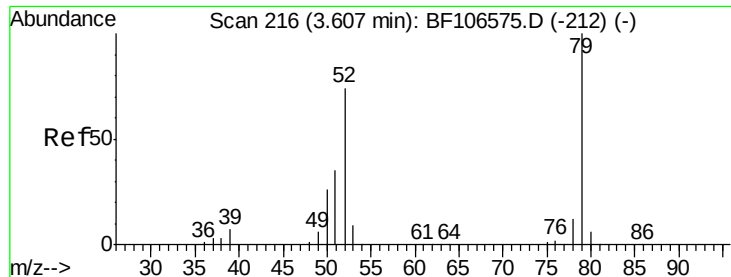
#2
 1,4-Dioxane
 Concen: 26.386 ng
 RT: 2.85 min Scan# 87
 Delta R.T. 0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Tgt Ion: 88 Resp: 50144
 Ion Ratio Lower Upper
 88 100
 58 80.9 62.6 93.8
 43 27.6 24.6 37.0



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





#3

Pyridine

Concen: 27.770 ng

RT: 3.63 min Scan# 220

Delta R.T. 0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMSD

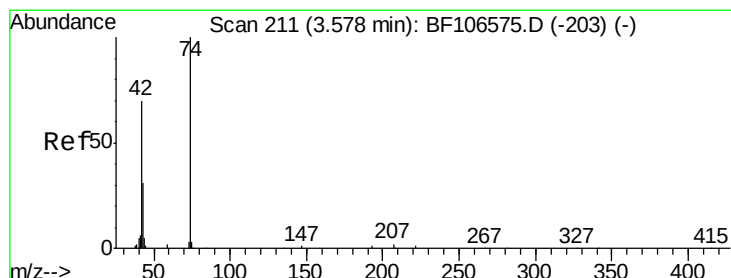
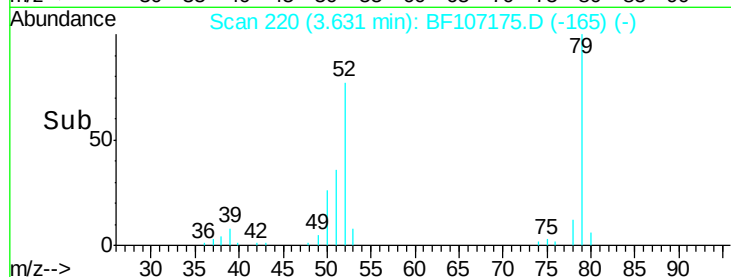
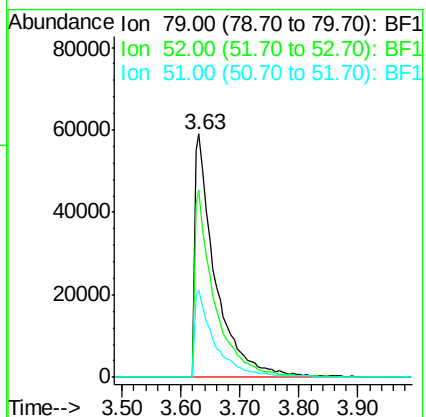
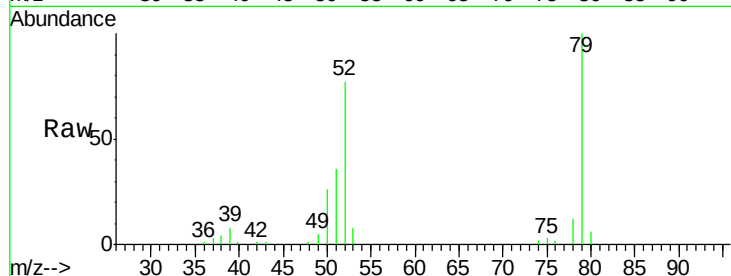
Tgt Ion: 79 Resp: 143124

Ion Ratio Lower Upper

79 100

52 77.0 59.8 89.6

51 35.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 27.337 ng

RT: 3.59 min Scan# 213

Delta R.T. -0.00 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

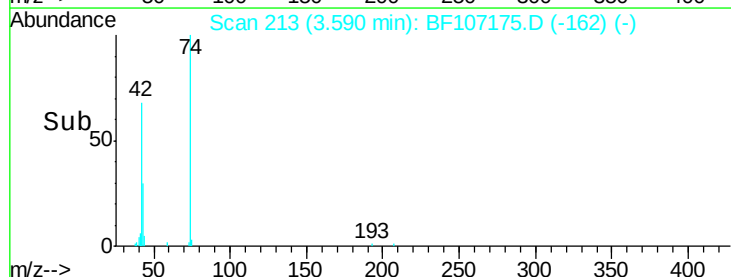
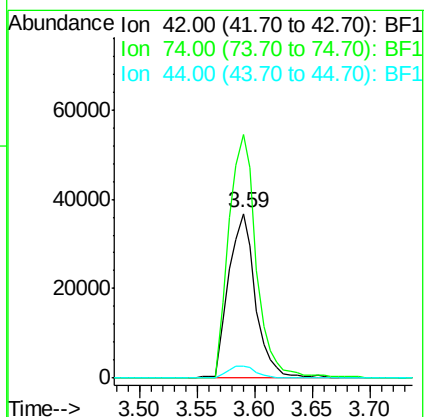
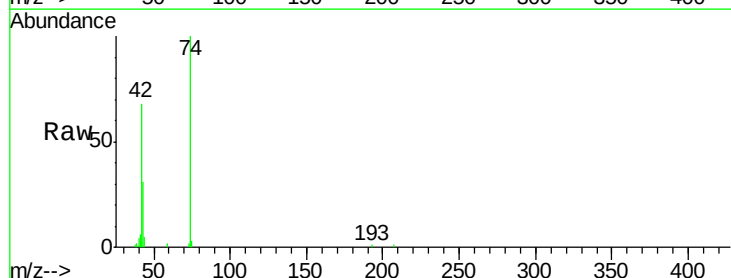
Tgt Ion: 42 Resp: 59840

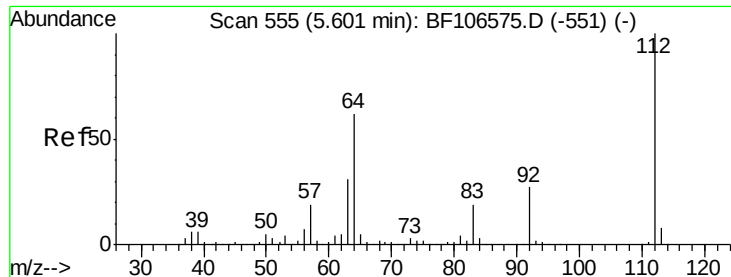
Ion Ratio Lower Upper

42 100

74 148.0 104.9 157.3

44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 98.235 ng

RT: 5.60 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMSD

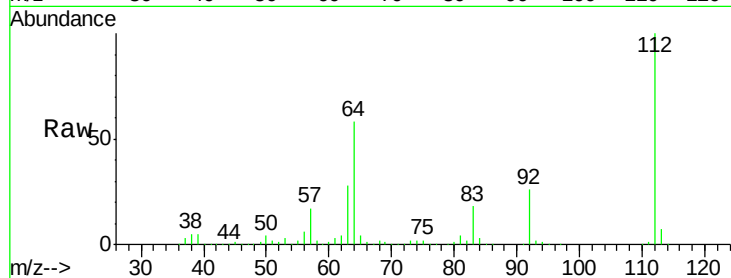
Tgt Ion: 112 Resp: 363116

Ion Ratio Lower Upper

112 100

64 58.0 47.9 71.9

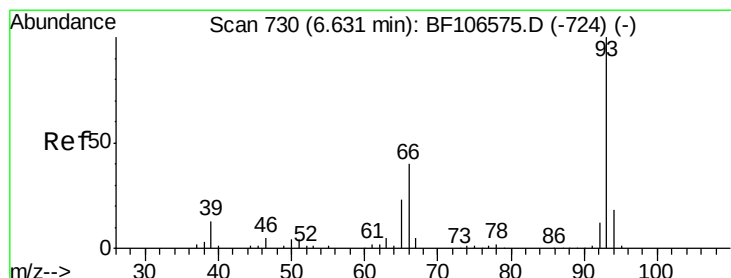
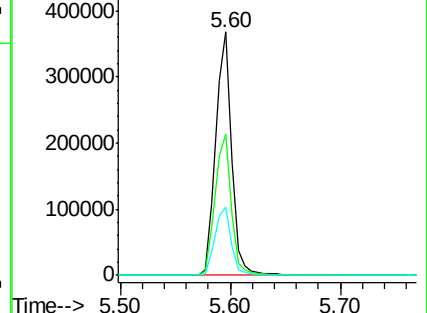
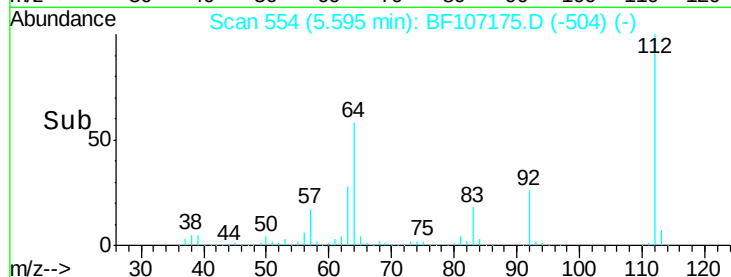
63 28.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.221 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

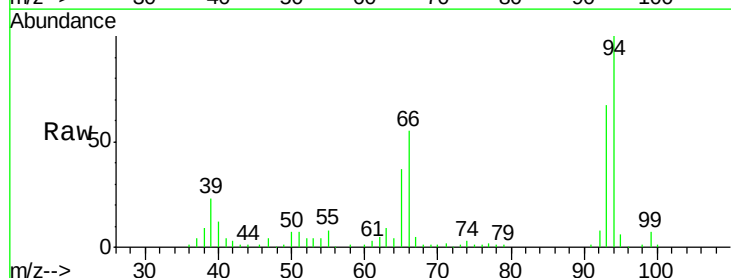
Tgt Ion: 93 Resp: 82788

Ion Ratio Lower Upper

93 100

66 83.2 32.2 48.2#

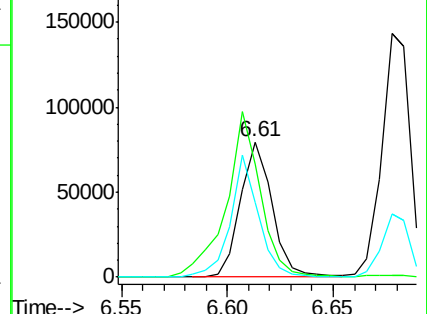
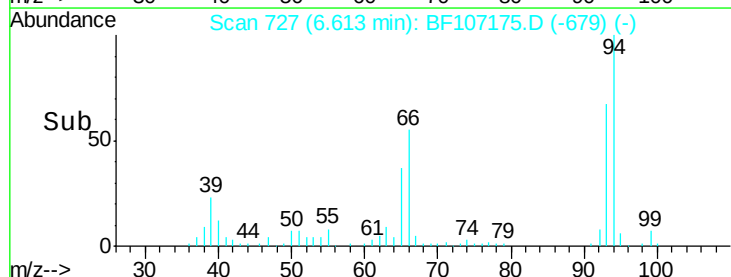
65 54.8 16.4 24.6#

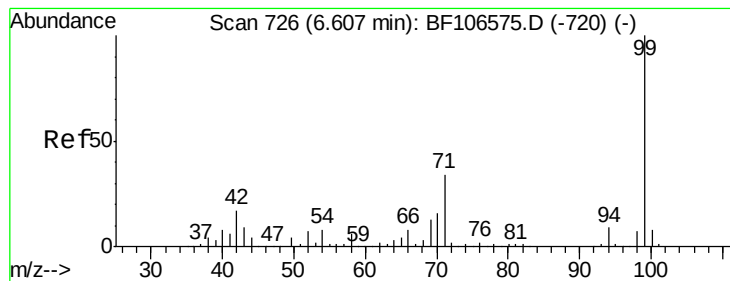


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.122 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

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ClientSampleId :

FK-GF-03-005-AMSD

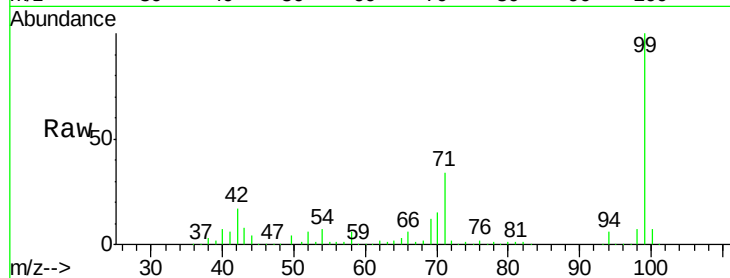
Tgt Ion: 99 Resp: 457557

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

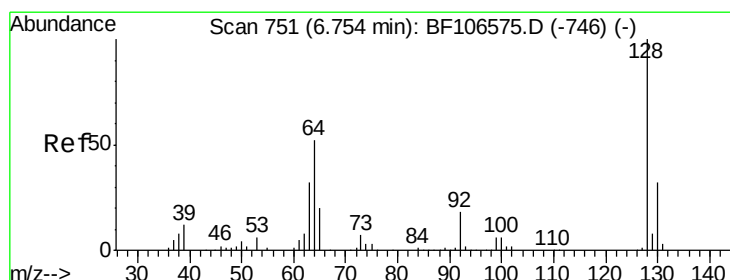
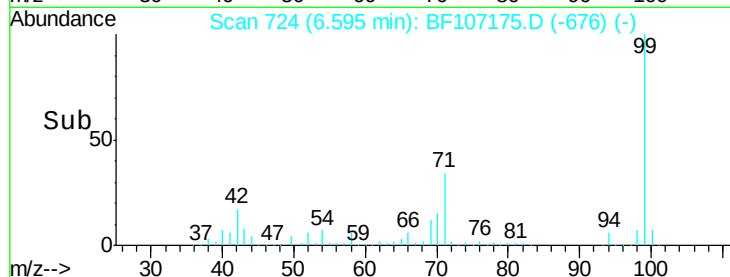
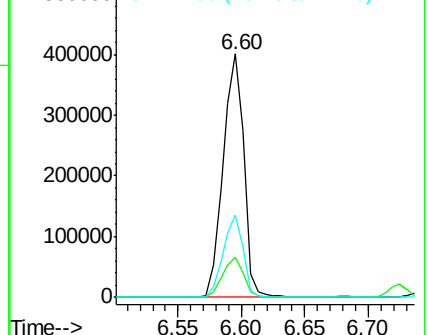
71 33.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 33.391 ng

RT: 6.74 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

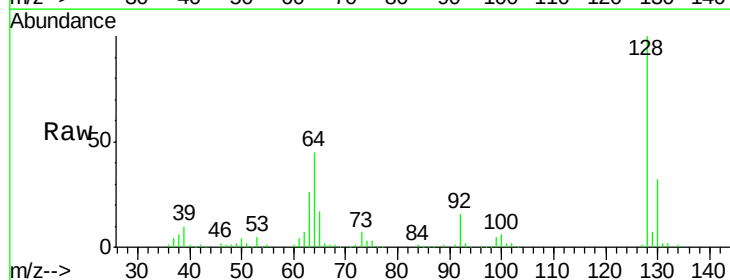
Tgt Ion: 128 Resp: 135375

Ion Ratio Lower Upper

128 100

130 31.7 13.0 53.0

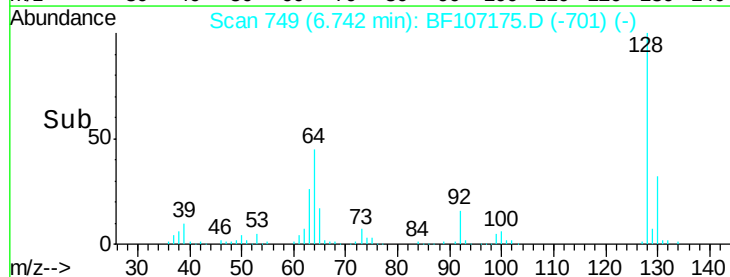
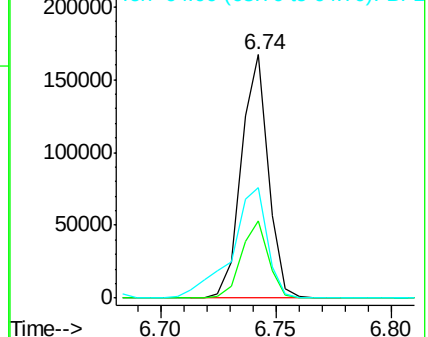
64 45.2 29.4 69.4

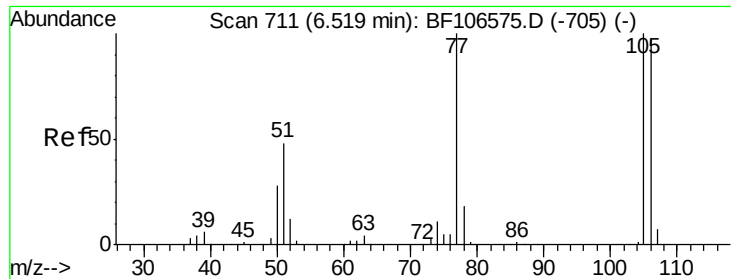


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 16.775 ng

RT: 6.50 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

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FK-GF-03-005-AMSD

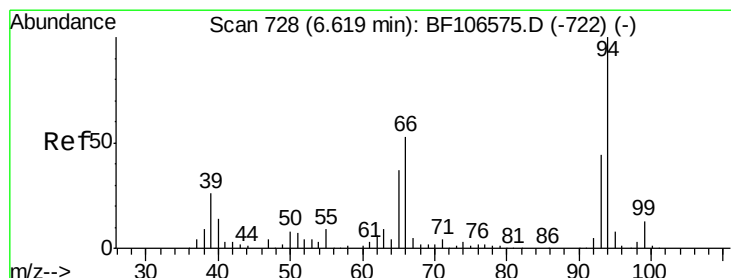
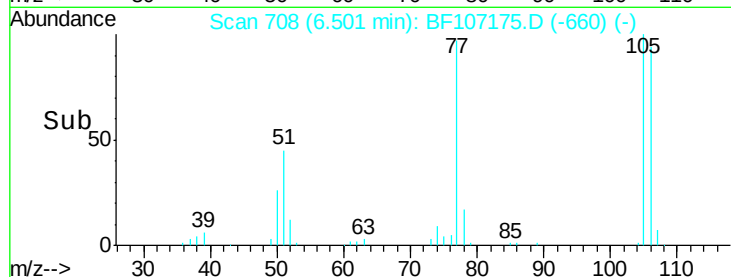
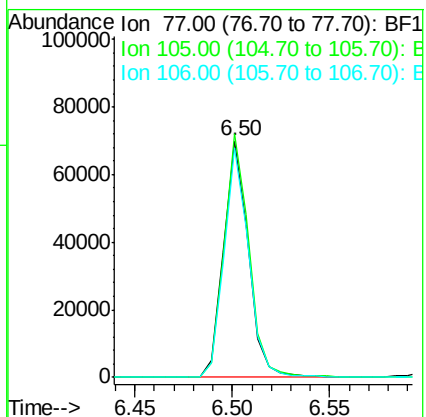
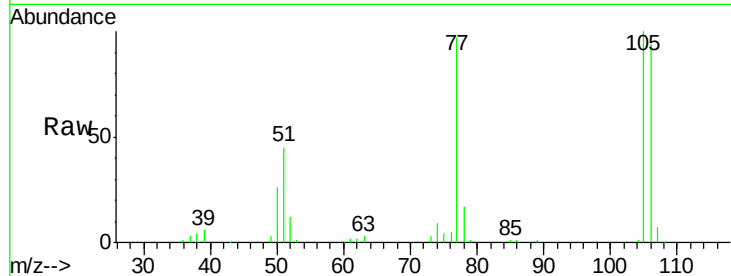
Tgt Ion: 77 Resp: 61628

Ion Ratio Lower Upper

77 100

105 103.1 81.1 121.1

106 97.0 74.5 114.5



#10

Phenol

Concen: 33.461 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

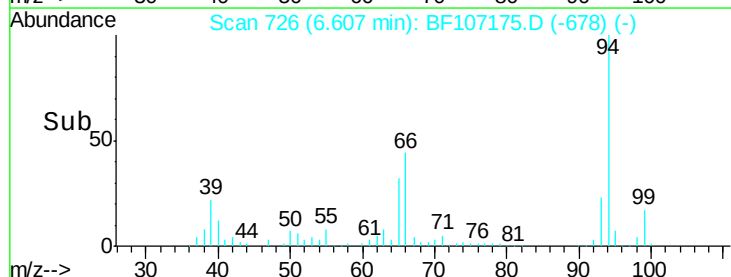
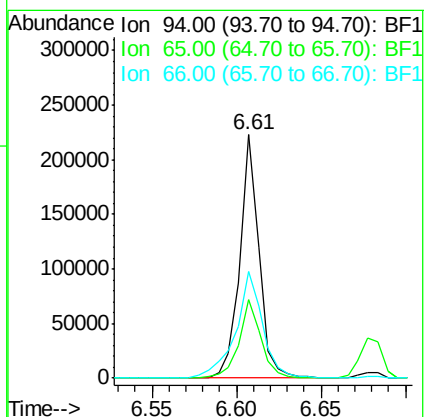
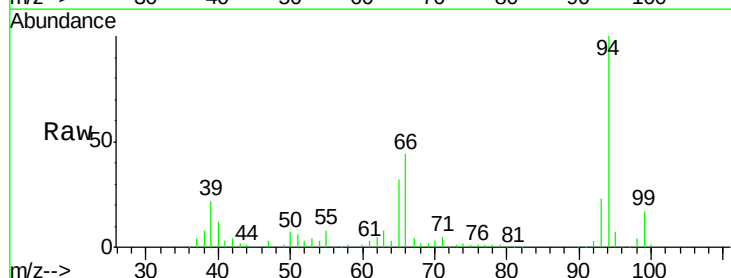
Tgt Ion: 94 Resp: 176274

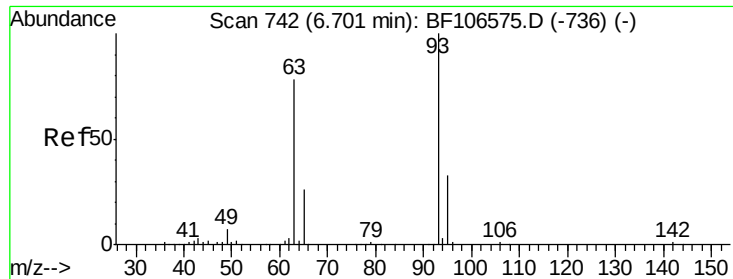
Ion Ratio Lower Upper

94 100

65 32.2 7.9 47.9

66 43.6 16.2 56.2

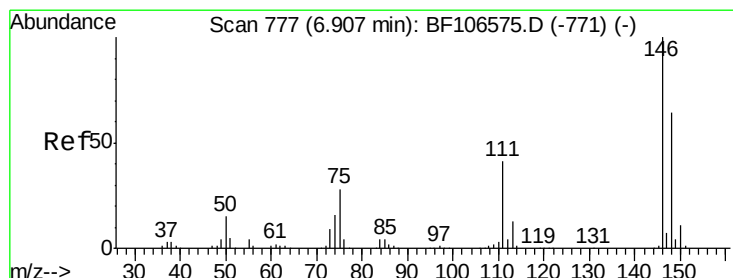
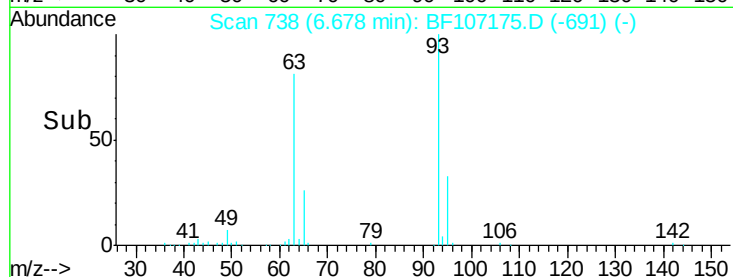
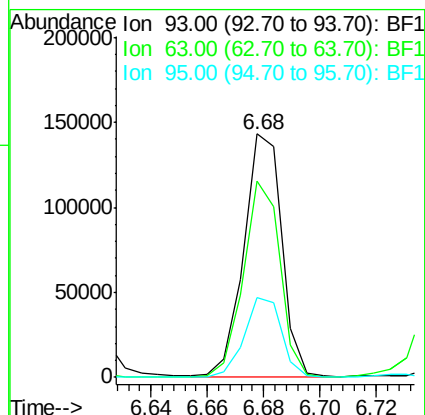
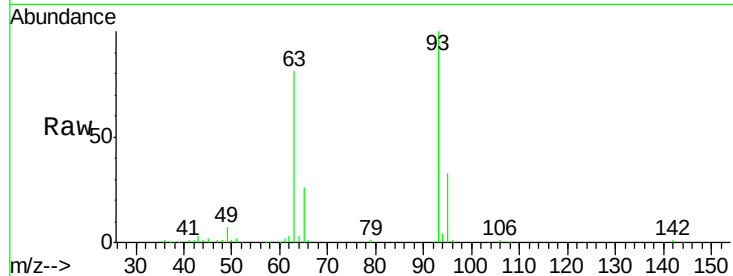




#11
 bis(2-Chloroethyl)ether
 Concen: 30.969 ng
 RT: 6.68 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

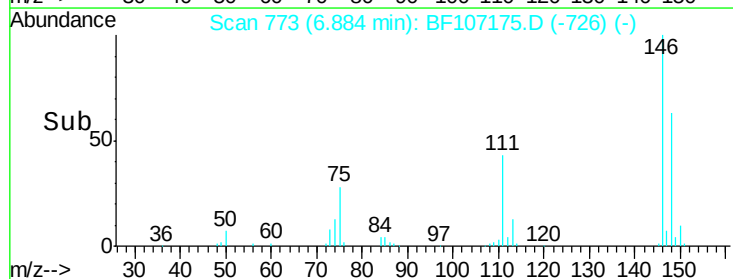
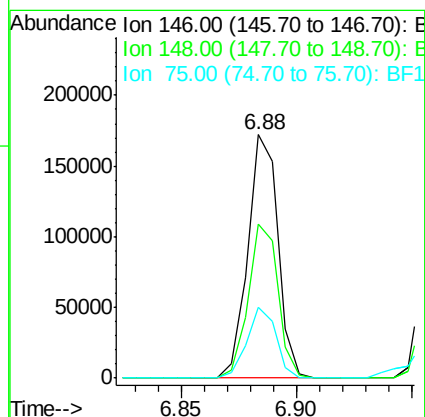
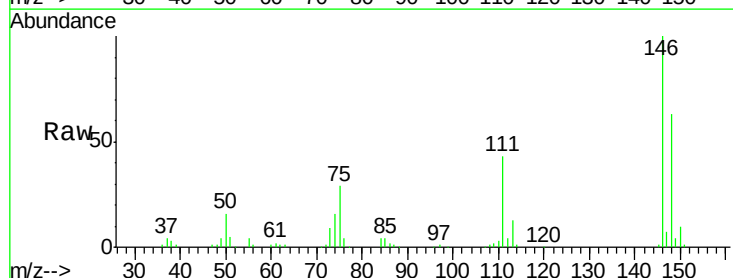
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

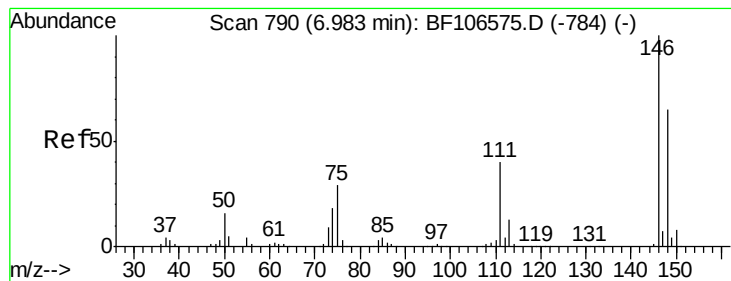
Tgt Ion: 93 Resp: 134686
 Ion Ratio Lower Upper
 93 100
 63 80.5 58.6 98.6
 95 32.7 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 33.089 ng
 RT: 6.88 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Tgt Ion: 146 Resp: 157123
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.8 77.8
 75 29.0 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 33.156 ng

RT: 6.96 min Scan# 786

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMSD

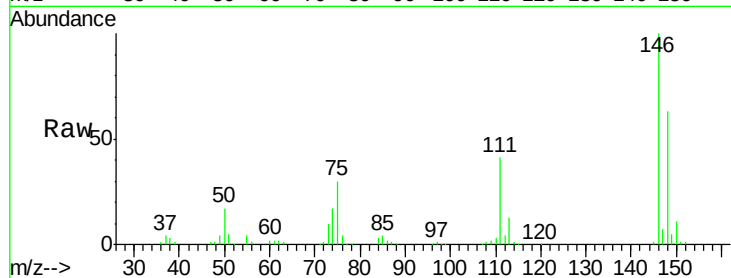
Tgt Ion:146 Resp: 159171

Ion Ratio Lower Upper

146 100

148 62.6 50.8 76.2

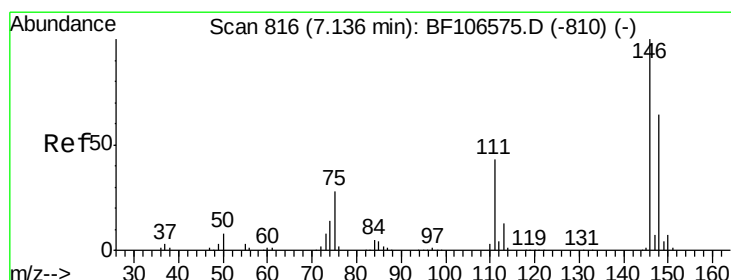
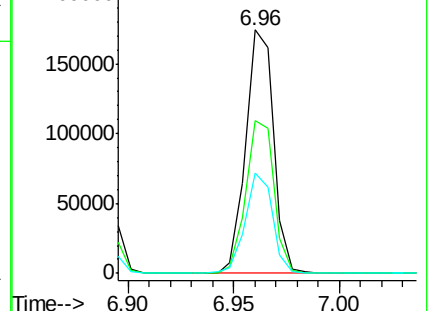
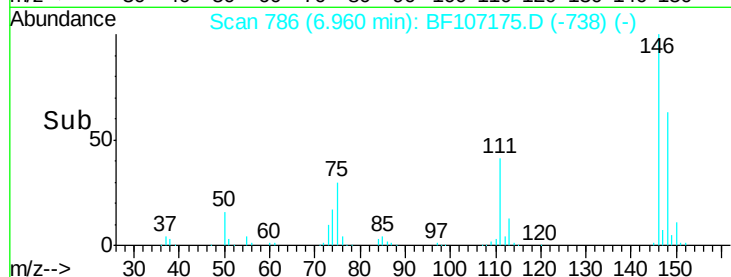
111 41.1 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 33.698 ng

RT: 7.11 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

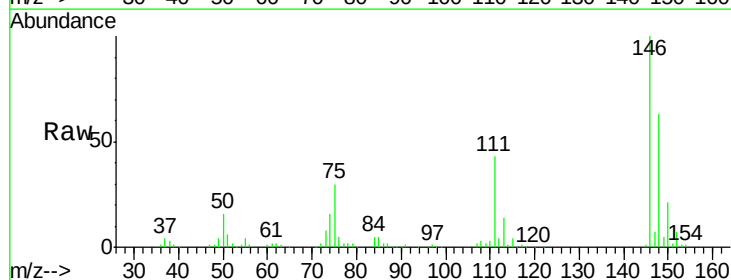
Tgt Ion:146 Resp: 148261

Ion Ratio Lower Upper

146 100

148 62.9 50.6 75.8

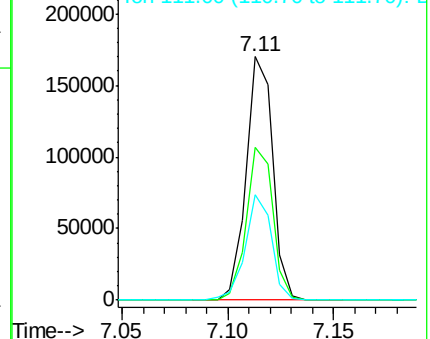
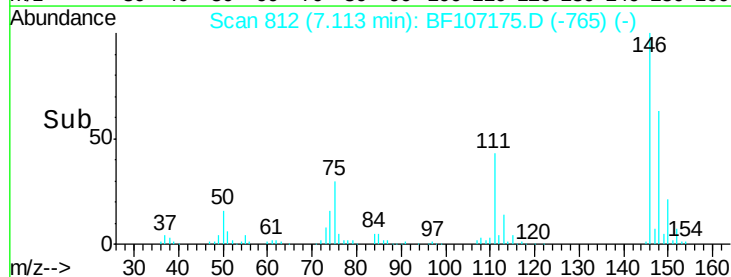
111 43.2 36.0 54.0

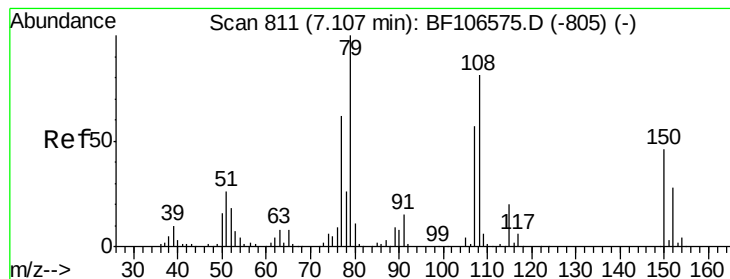


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 31.335 ng

RT: 7.09 min Scan# 808

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMSD

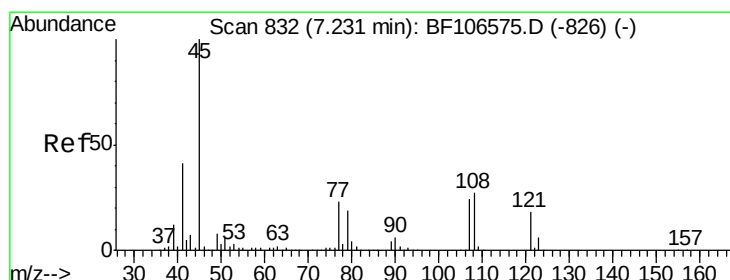
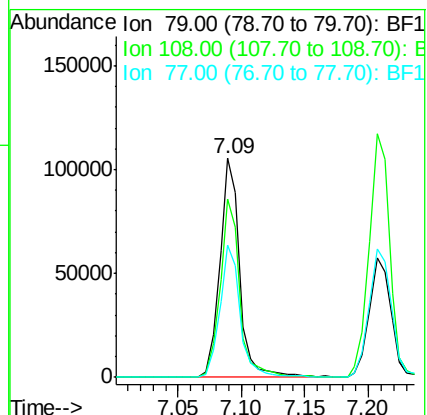
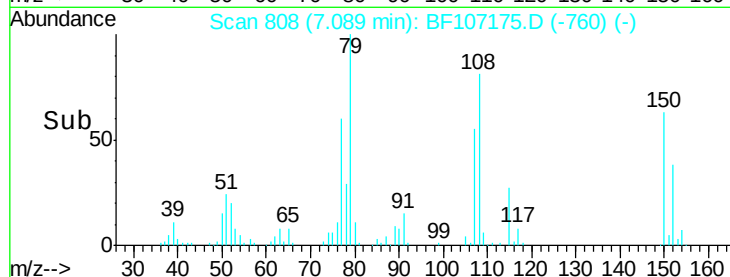
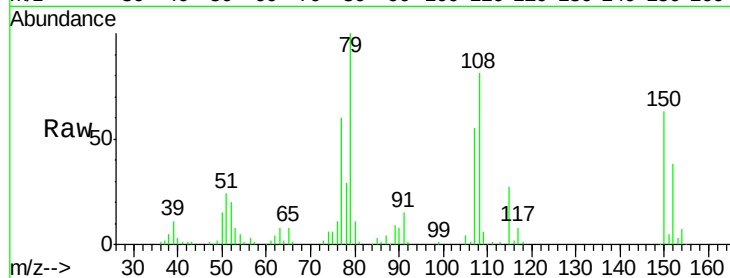
Tgt Ion: 79 Resp: 116145

Ion Ratio Lower Upper

79 100

108 81.2 65.1 97.7

77 60.4 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.972 ng

RT: 7.21 min Scan# 829

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

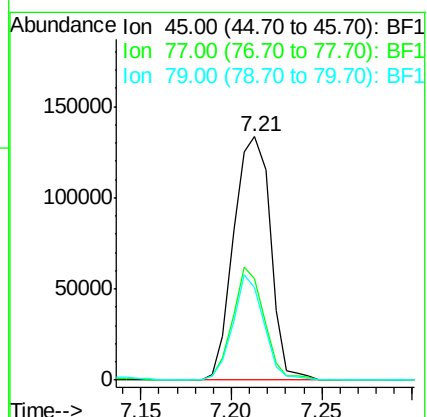
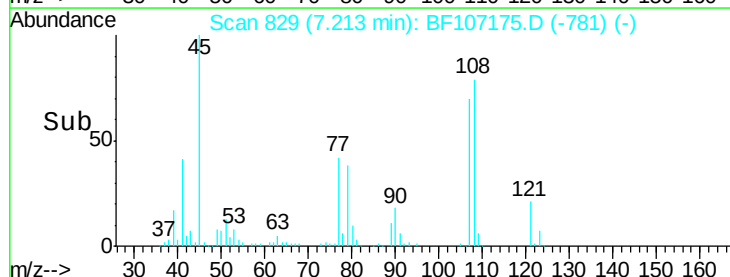
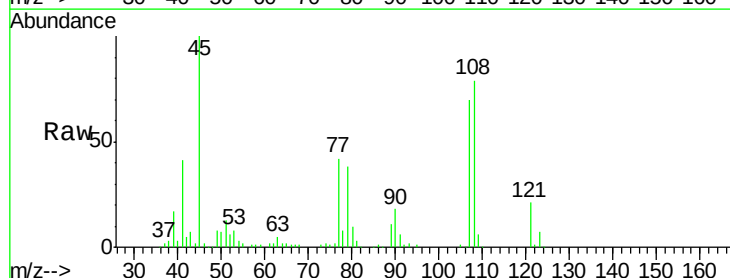
Tgt Ion: 45 Resp: 188144

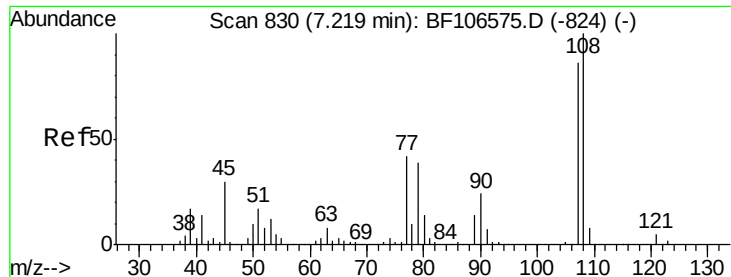
Ion Ratio Lower Upper

45 100

77 41.7 0.0 32.9#

79 38.1 0.0 29.6#

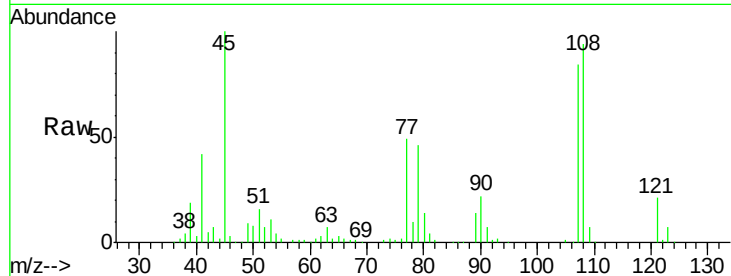




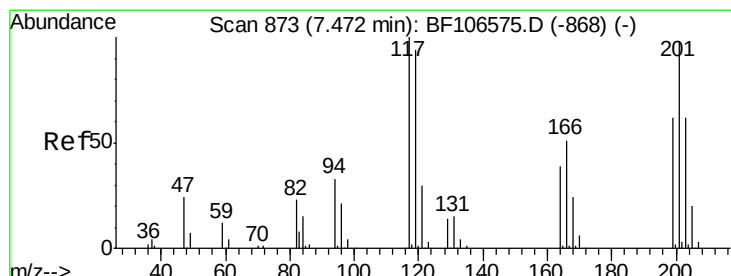
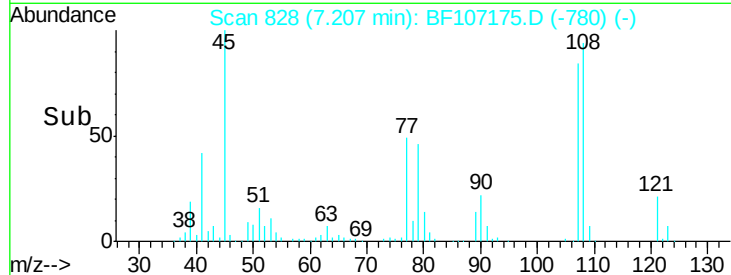
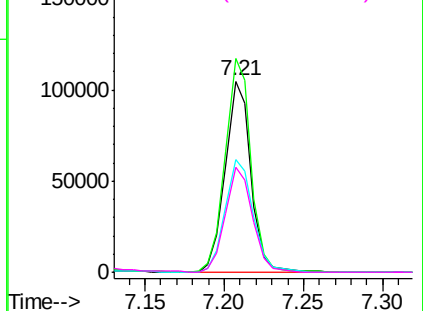
#17
2-Methylphenol
Concen: 33.778 ng
RT: 7.21 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMSD

Tgt Ion:107 Resp: 117196
Ion Ratio Lower Upper
107 100
108 111.7 91.7 137.5
77 58.9 33.8 50.8#
79 55.0 33.8 50.8#

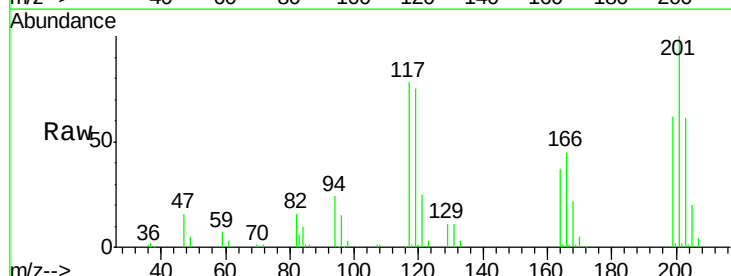


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

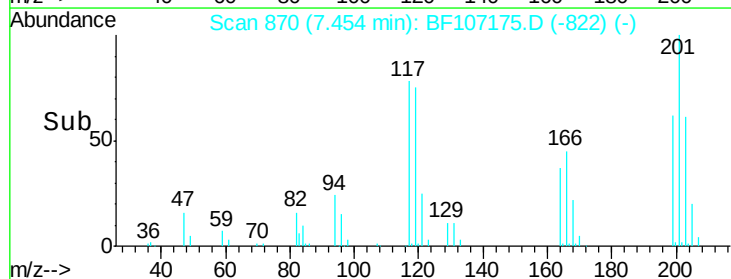
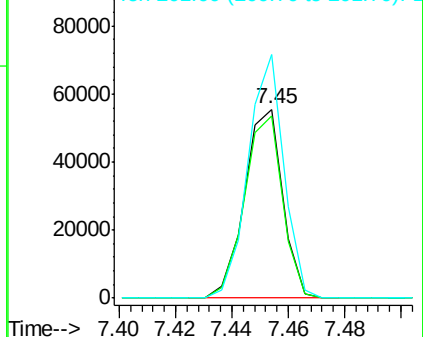


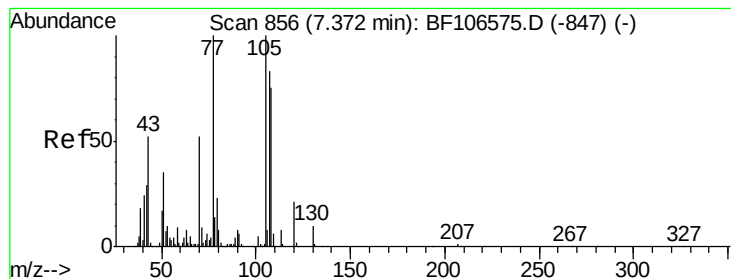
#18
Hexachloroethane
Concen: 30.757 ng
RT: 7.45 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Tgt Ion:117 Resp: 51924
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8
201 128.8 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: 31.015 ng

RT: 7.35 min Scan# 853

Delta R.T. -0.03 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMSD

Tgt Ion: 70 Resp: 94372

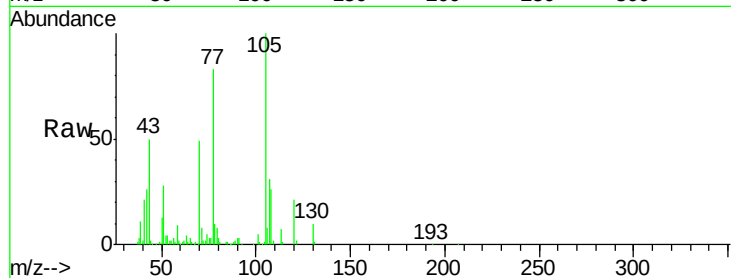
Ion Ratio Lower Upper

70 100

42 53.0 47.5 71.3

101 9.9 7.4 11.2

130 19.4 16.6 25.0

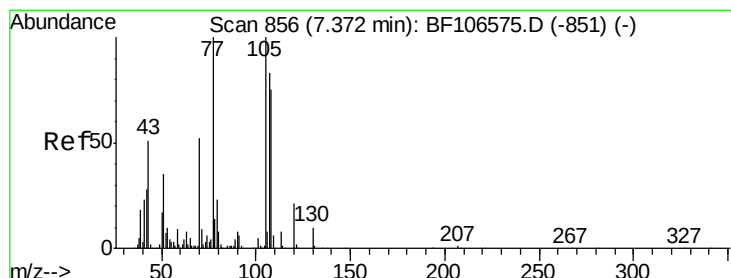
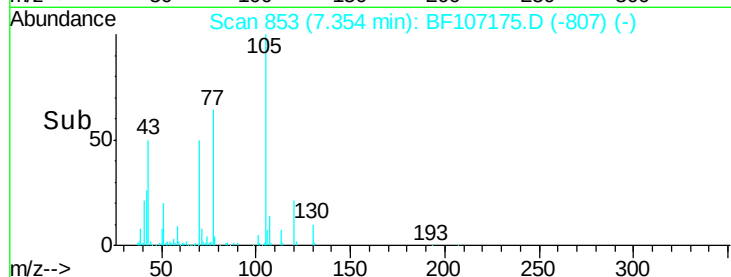
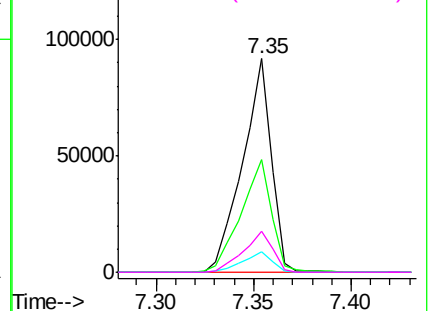


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 40.124 ng

RT: 7.37 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Tgt Ion: 107 Resp: 154905

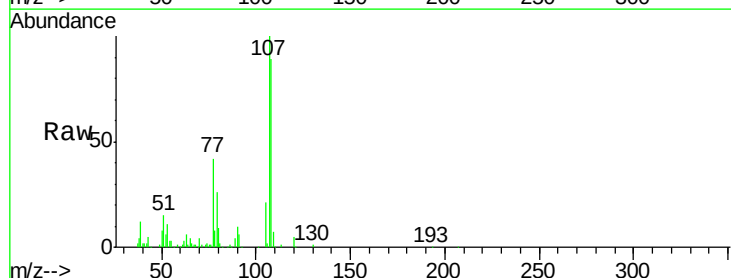
Ion Ratio Lower Upper

107 100

108 88.8 68.2 108.2

77 42.3 26.7 66.7

79 26.3 6.3 46.3

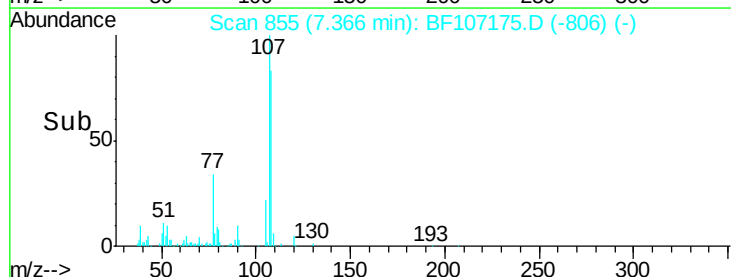
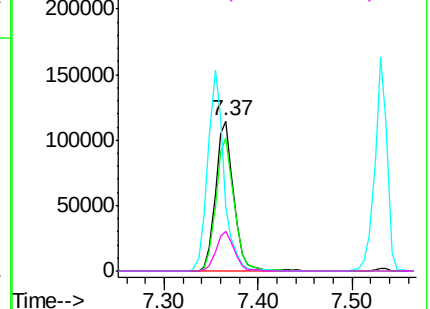


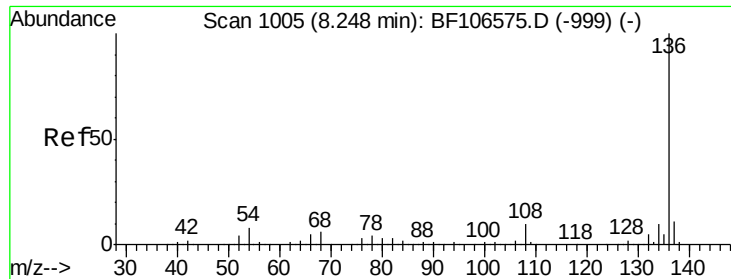
Abundance Ion 107.00 (106.70 to 107.70): BF1

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

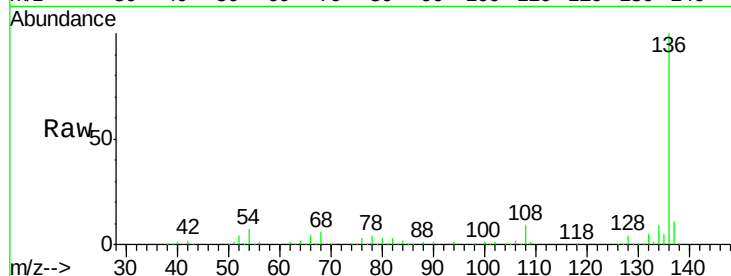




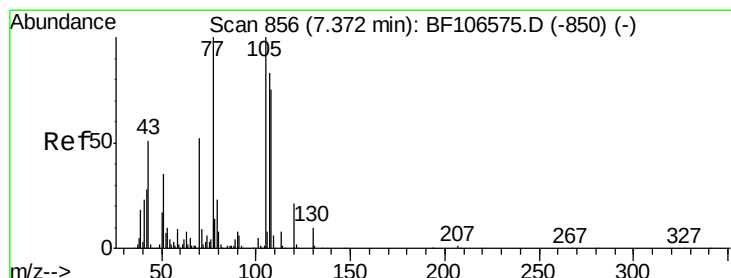
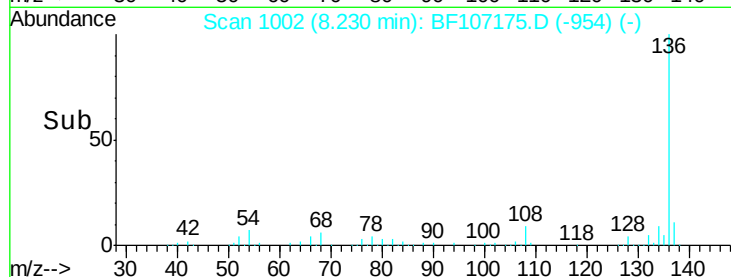
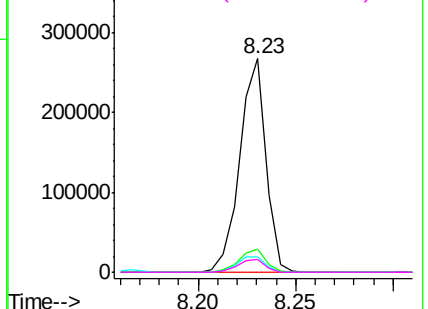
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMSD

Tgt Ion:	136	Resp:	248248
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.3	6.6	9.8
68	6.0	5.0	7.4

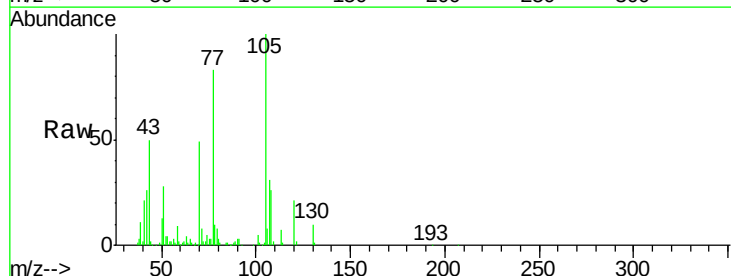


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

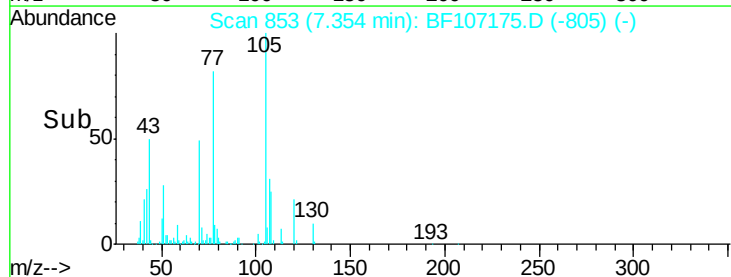
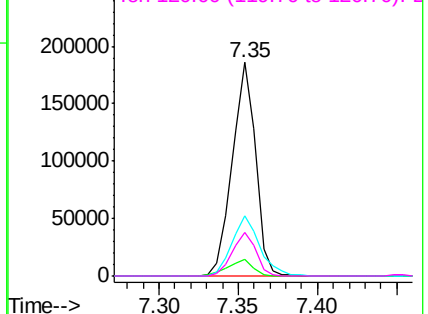


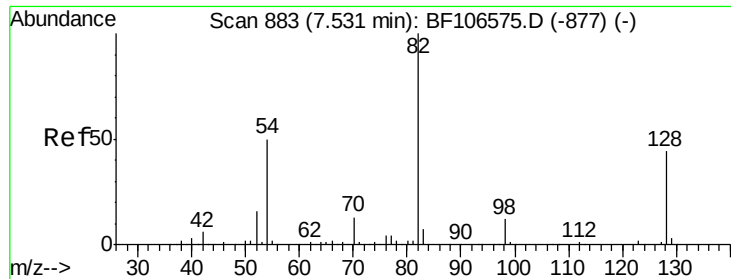
#22
Acetophenone
Concen: 34.181 ng
RT: 7.35 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Tgt Ion:	105	Resp:	189837
Ion	Ratio	Lower	Upper
105	100		
71	7.9	4.4	6.6#
51	28.2	22.3	33.5
120	20.5	16.9	25.3



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

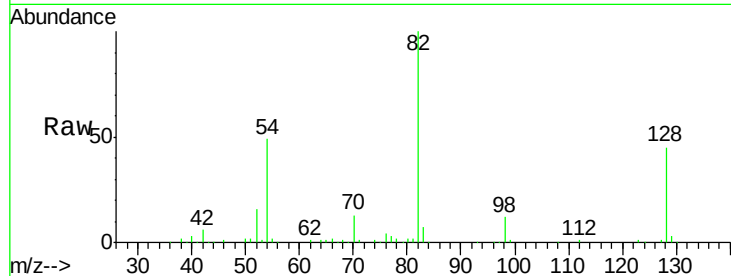




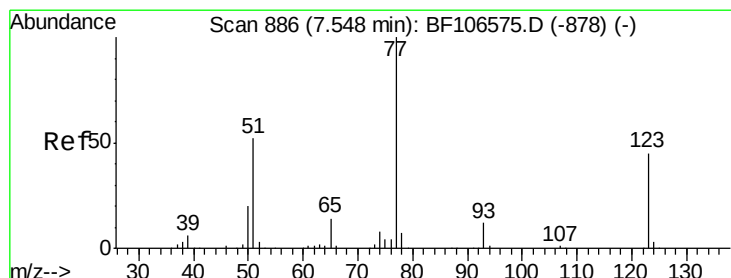
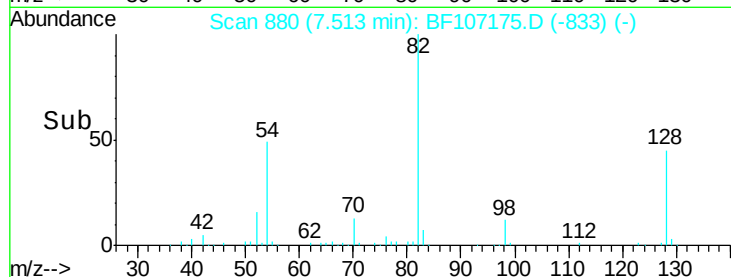
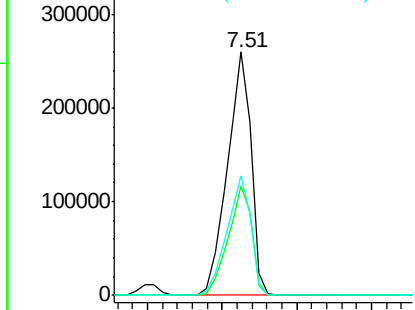
#23
 Nitrobenzene-d5
 Concen: 65.264 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	48.8	41.4	62.2

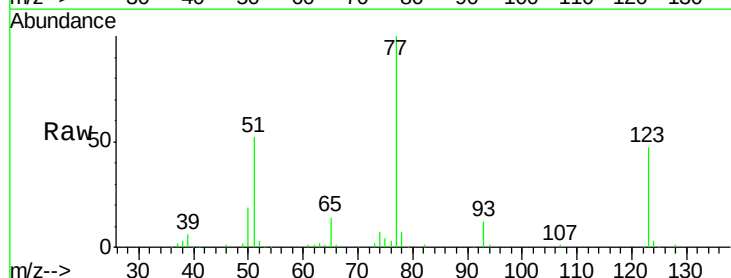


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

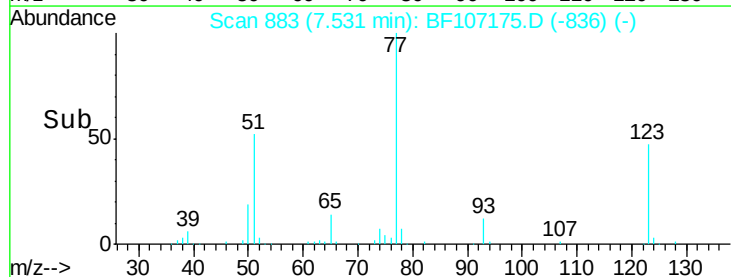
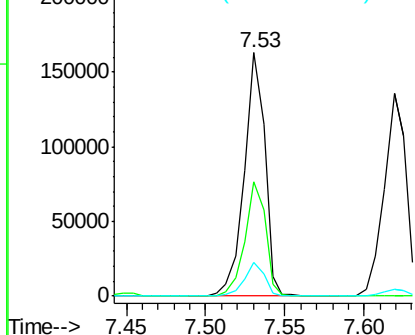


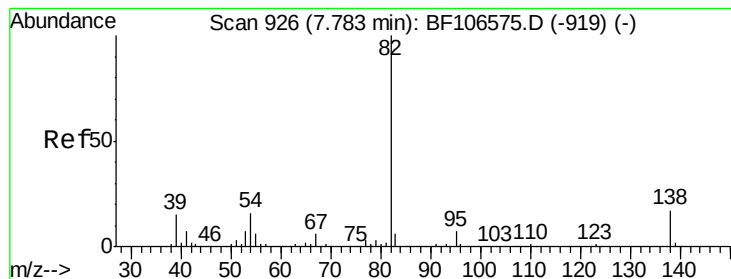
#24
 Nitrobenzene
 Concen: 32.298 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.7	37.9	56.9
65	13.9	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: 33.822 ng

RT: 7.77 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMSD

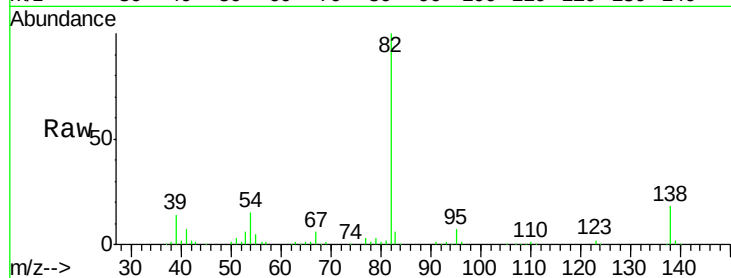
Tgt Ion: 82 Resp: 266228

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

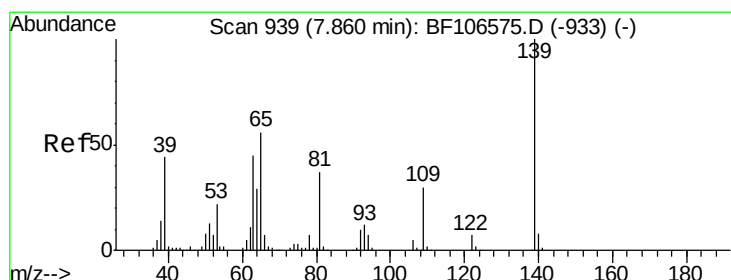
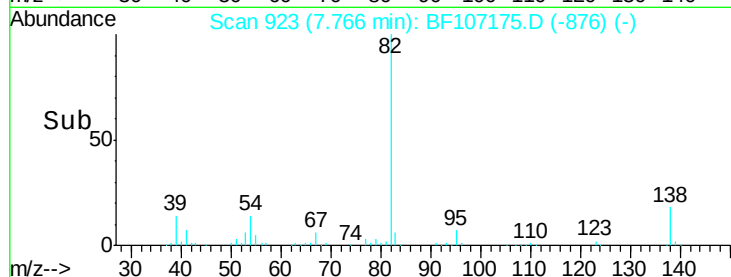
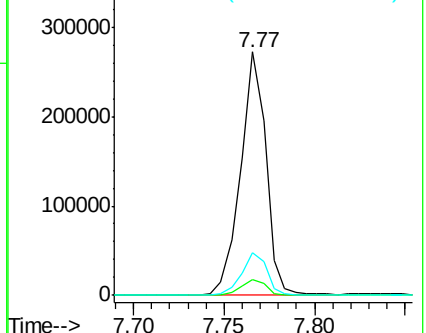
138 17.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 35.131 ng

RT: 7.85 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

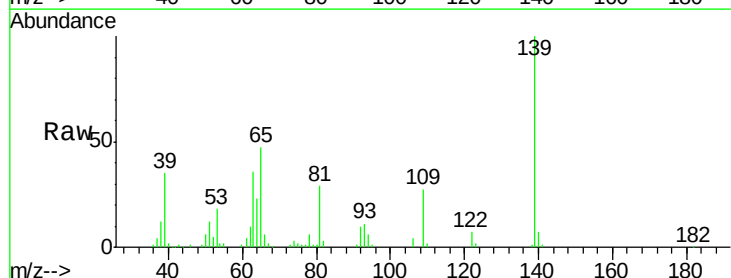
Tgt Ion: 139 Resp: 75635

Ion Ratio Lower Upper

139 100

109 26.6 22.7 34.1

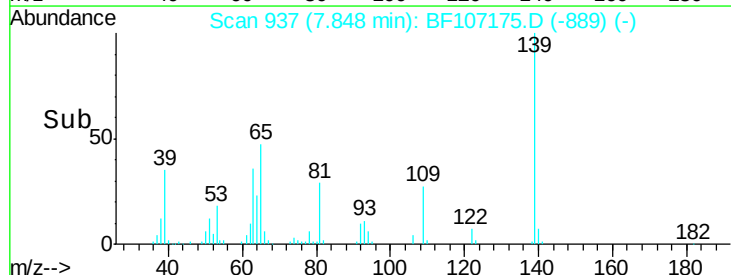
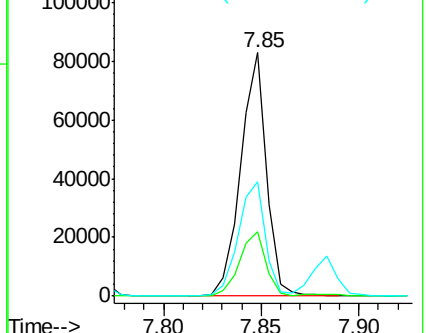
65 47.1 40.5 60.7

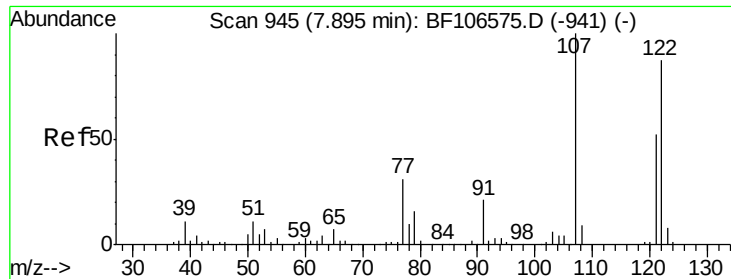


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

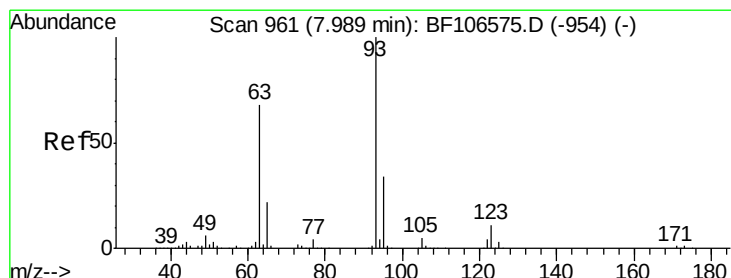
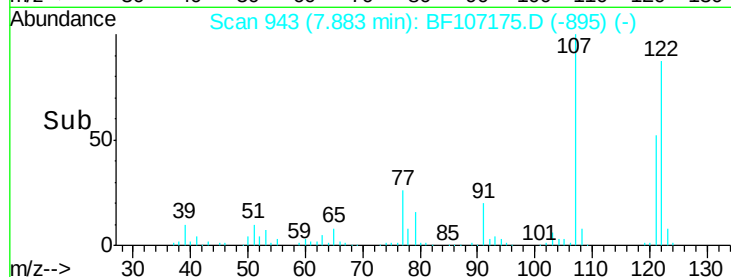
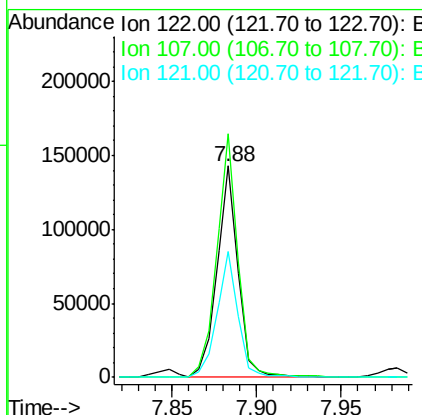
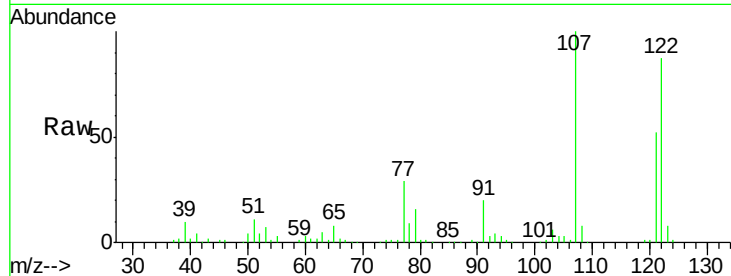




#27
 2,4-Dimethylphenol
 Concen: 37.632 ng
 RT: 7.88 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

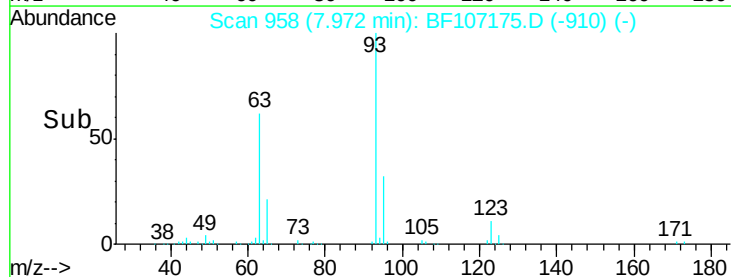
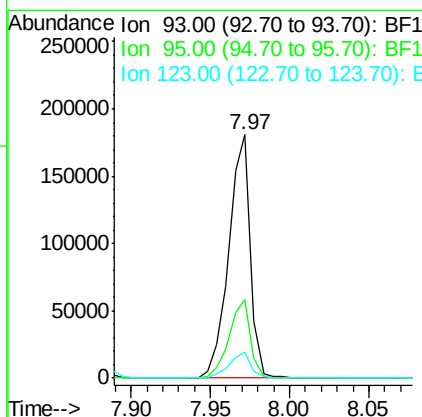
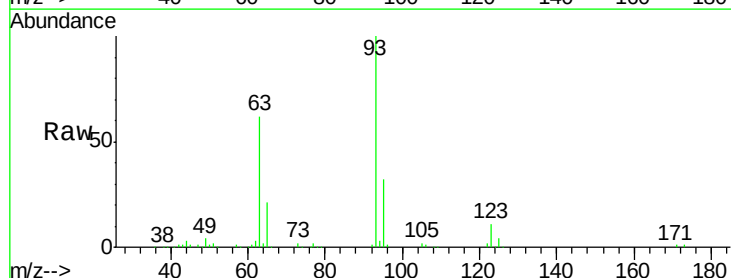
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

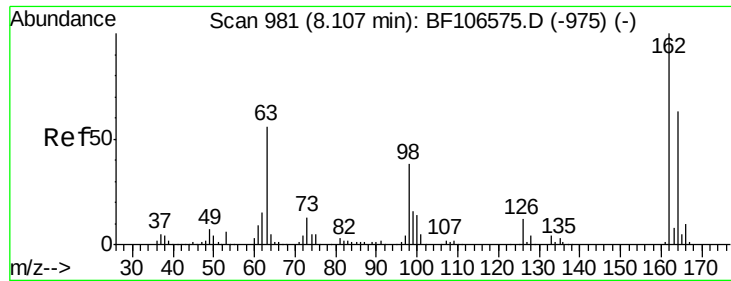
Tgt Ion:122 Resp: 125228
 Ion Ratio Lower Upper
 122 100
 107 115.3 91.2 136.8
 121 59.8 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.320 ng
 RT: 7.97 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Tgt Ion: 93 Resp: 170817
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.3 39.5
 123 10.7 9.8 14.6

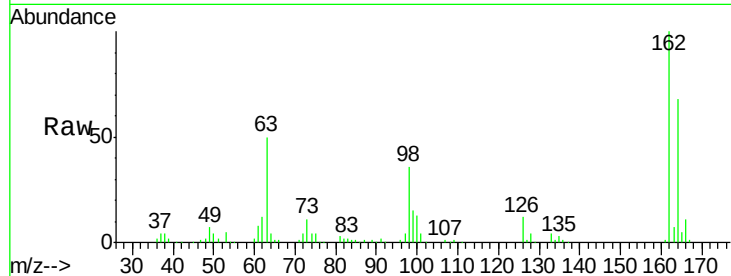




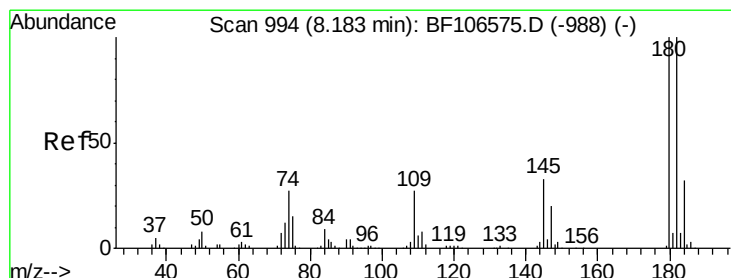
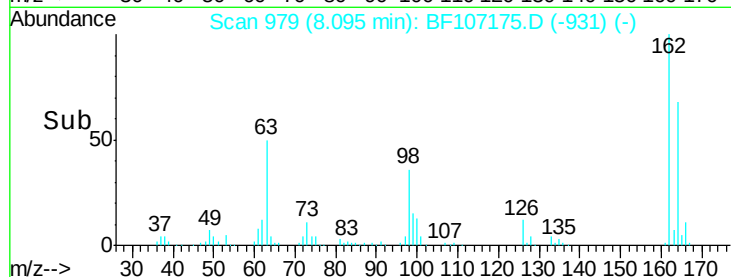
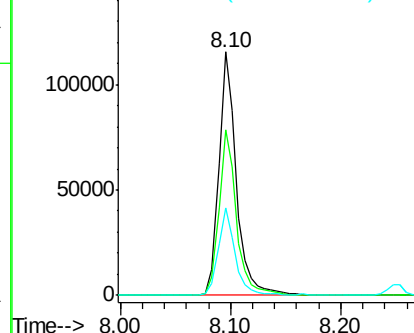
#29
2,4-Dichlorophenol
Concen: 36.203 ng
RT: 8.10 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.9	42.7	82.7
98	35.8	18.1	58.1

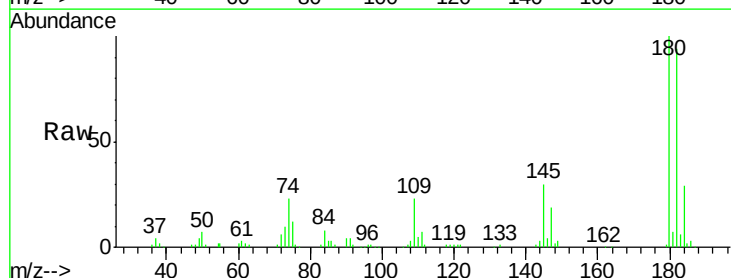


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

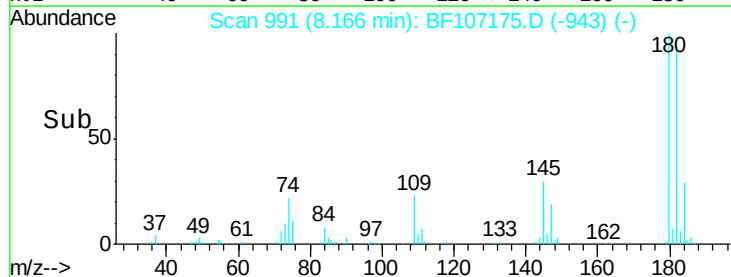
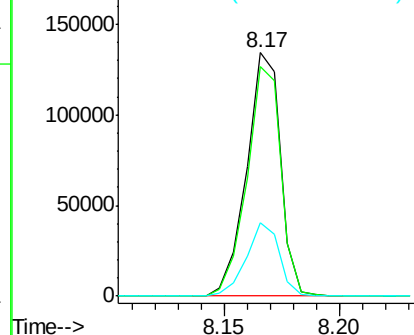


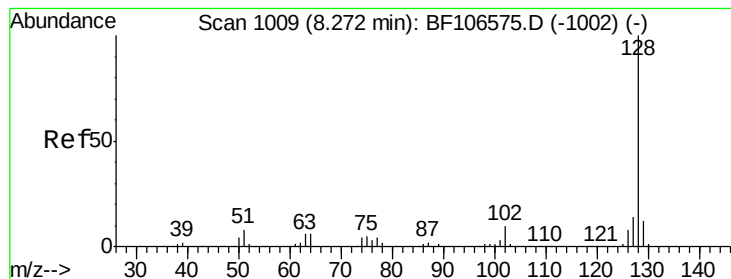
#30
1,2,4-Trichlorobenzene
Concen: 35.807 ng
RT: 8.17 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.8	115.2
145	30.0	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: 34.583 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMSD

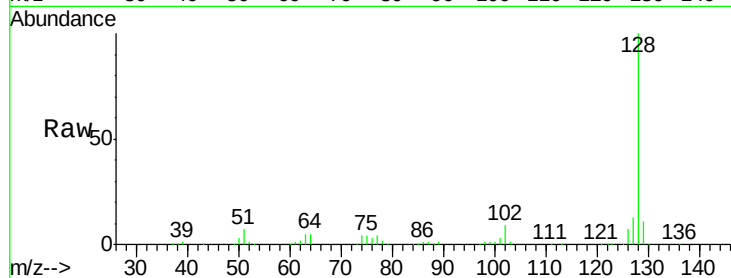
Tgt Ion:128 Resp: 401381

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

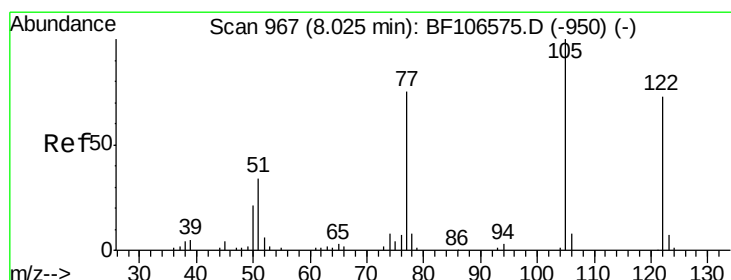
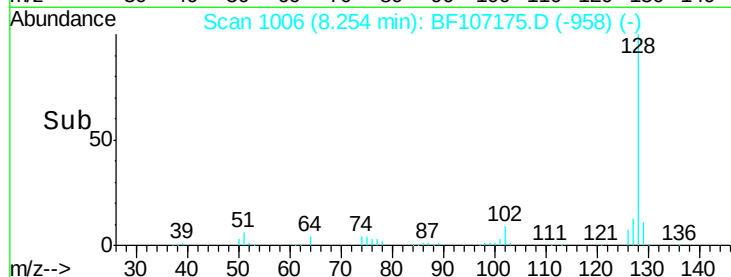
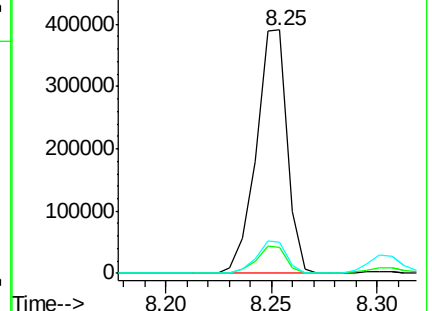
127 13.0 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 9.587 ng

RT: 7.98 min Scan# 960

Delta R.T. -0.06 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

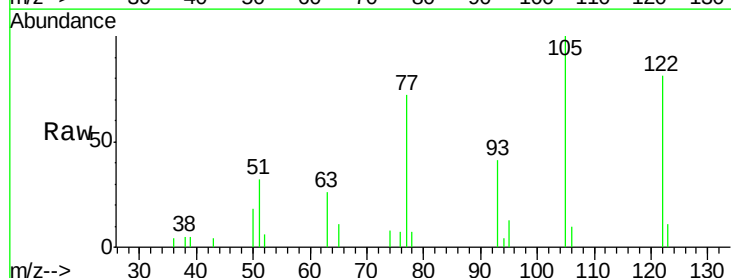
Tgt Ion:122 Resp: 10598

Ion Ratio Lower Upper

122 100

105 122.8 101.1 141.1

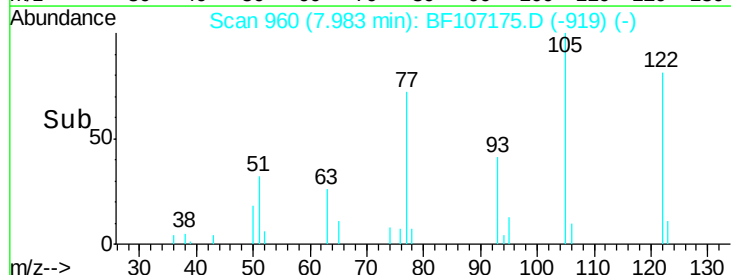
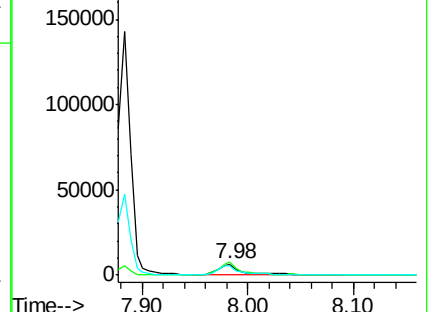
77 88.1 70.7 110.7

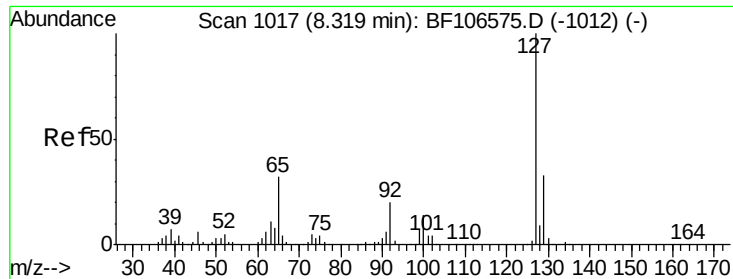


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

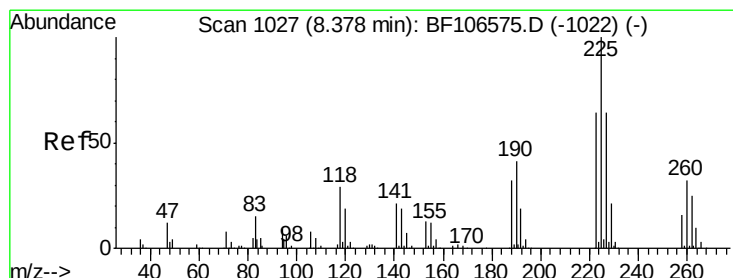
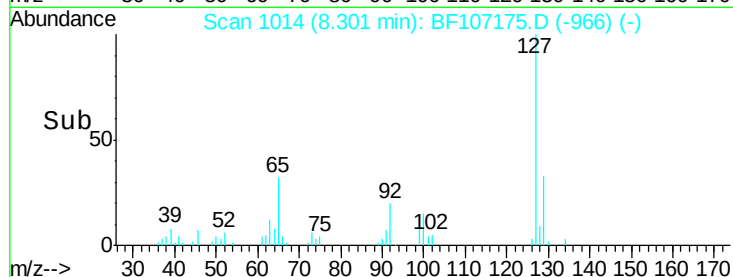
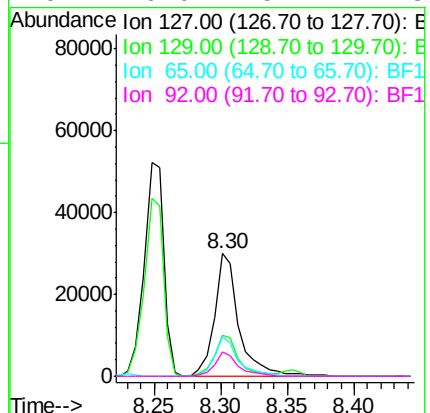
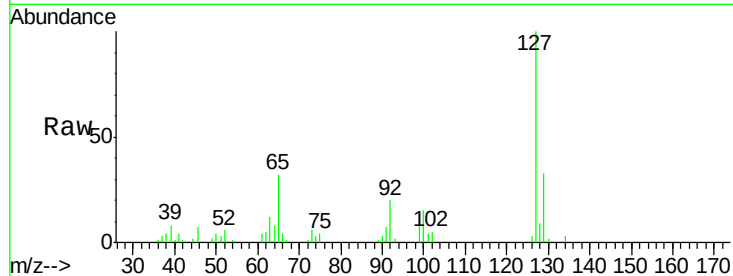




#33
4-Chloroaniline
Concen: 7.908 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

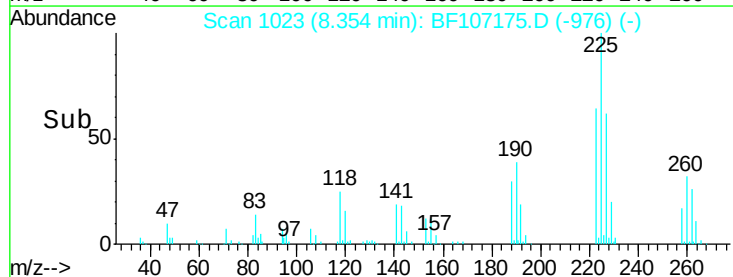
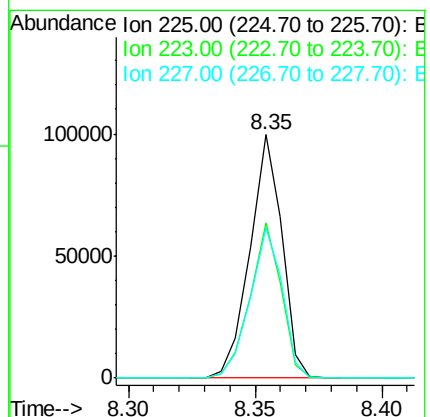
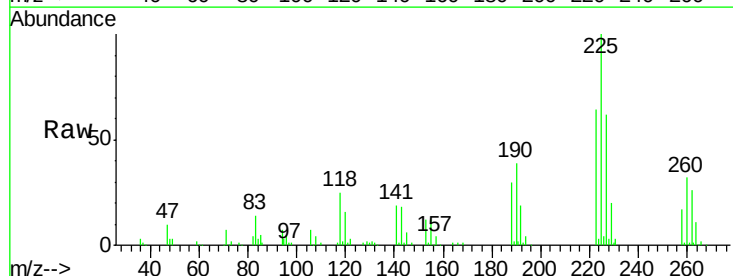
Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMSD

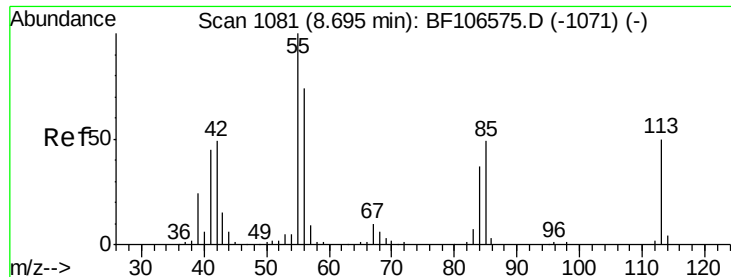
Tgt Ion:	127	Resp:	38514
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	32.4	25.0	37.4
92	20.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 35.168 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Tgt Ion:	225	Resp:	87946
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	61.7	51.9	77.9

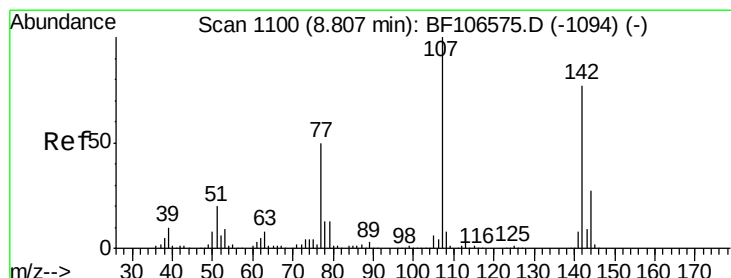
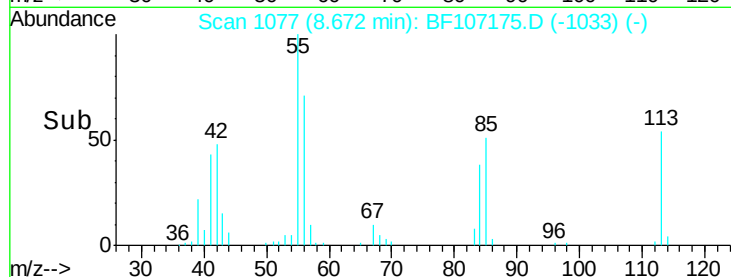
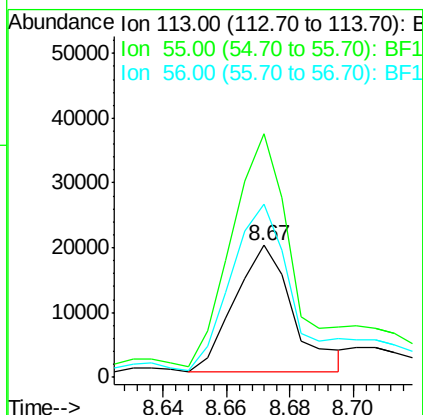
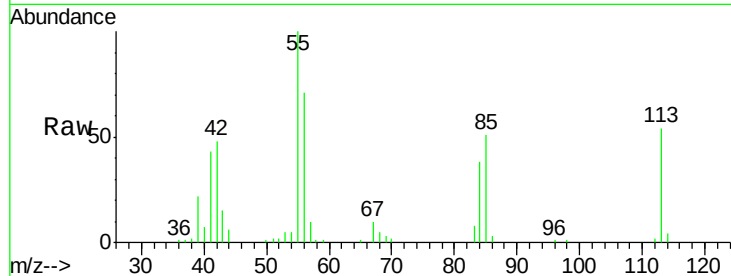




#35
 Caprolactam
 Concen: 22.320 ng
 RT: 8.67 min Scan# 1077
 Delta R.T. -0.04 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

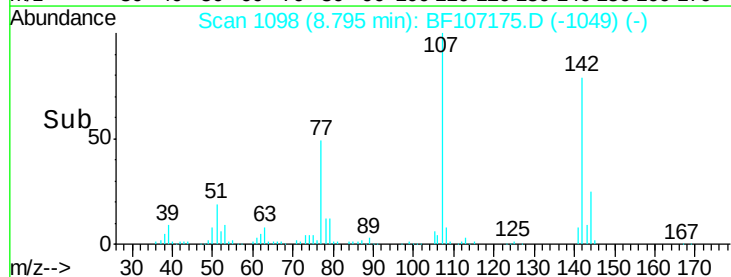
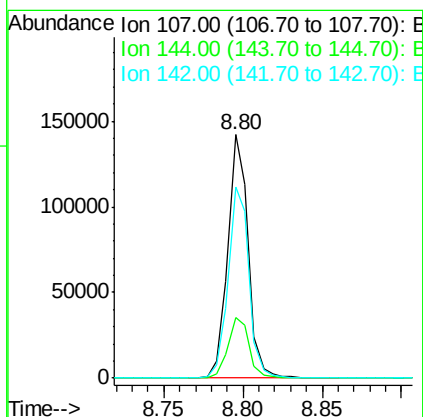
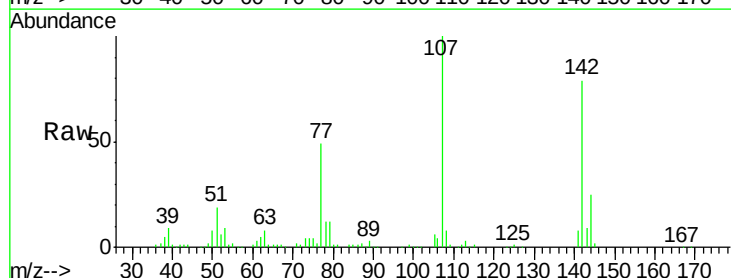
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

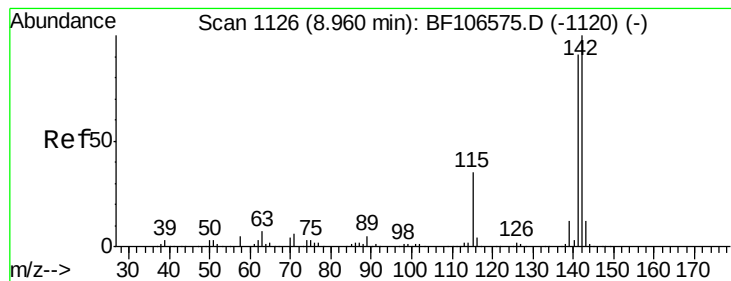
Tgt Ion:113 Resp: 25348
 Ion Ratio Lower Upper
 113 100
 55 184.6 163.3 203.3
 56 131.2 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 34.464 ng
 RT: 8.80 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Tgt Ion:107 Resp: 126380
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.5 30.7
 142 78.7 62.0 93.0





#37

2-Methylnaphthalene

Concen: 37.885 ng

RT: 8.94 min Scan# 1123

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMSD

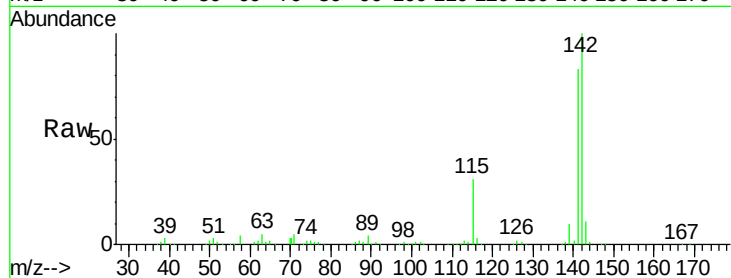
Tgt Ion:142 Resp: 291446

Ion Ratio Lower Upper

142 100

141 83.3 70.8 106.2

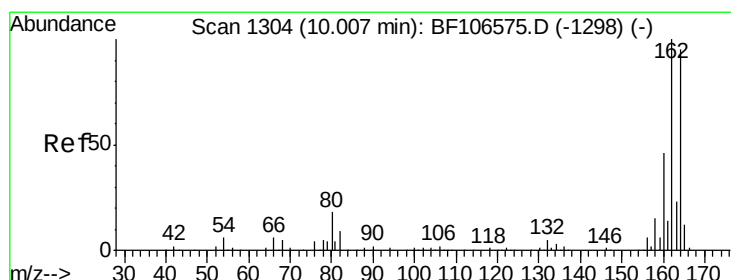
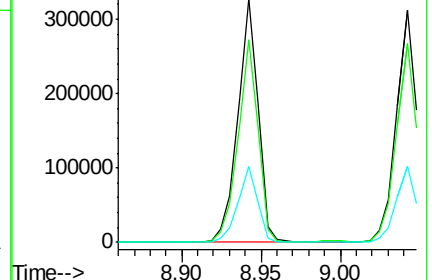
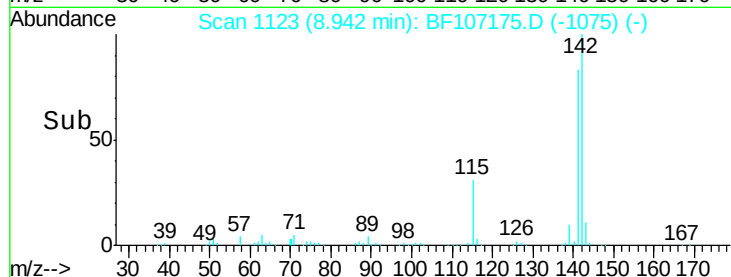
115 31.3 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

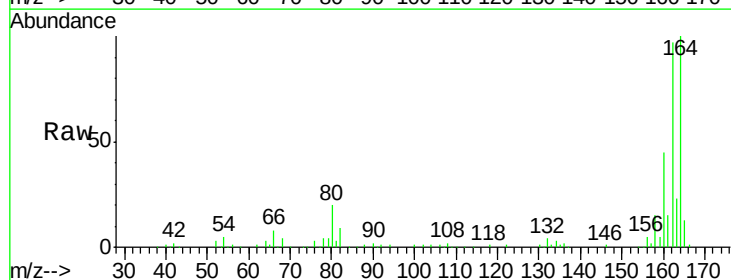
Tgt Ion:164 Resp: 126628

Ion Ratio Lower Upper

164 100

162 96.5 86.1 129.1

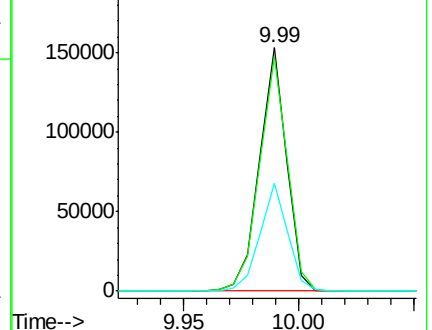
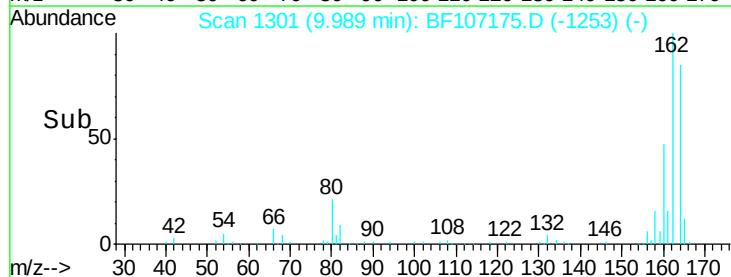
160 44.6 38.3 57.5

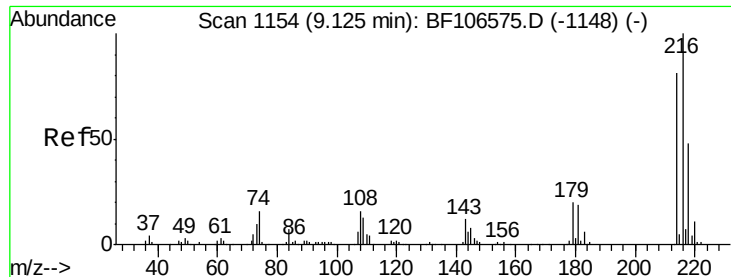


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

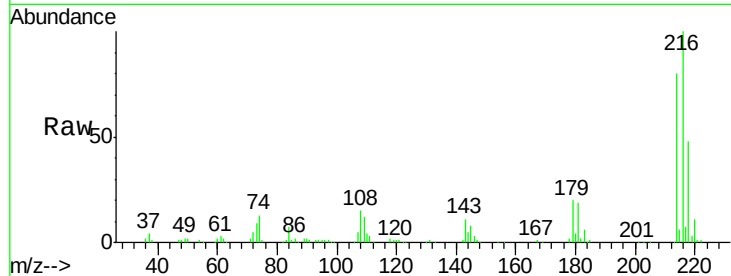




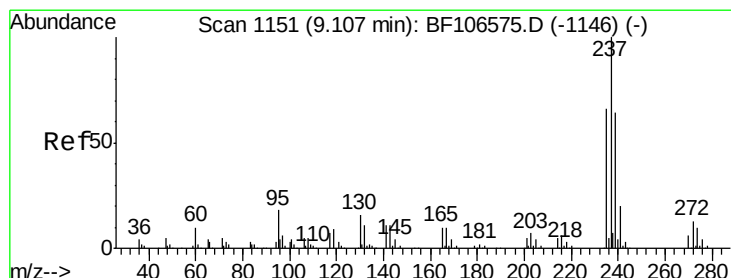
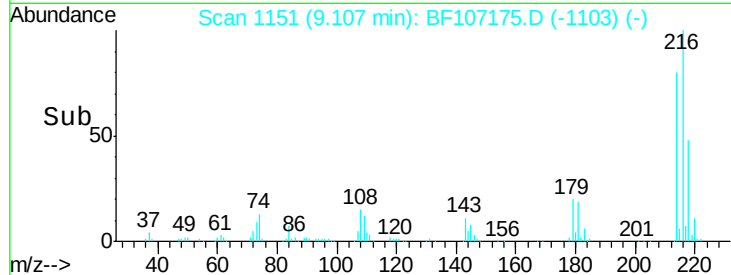
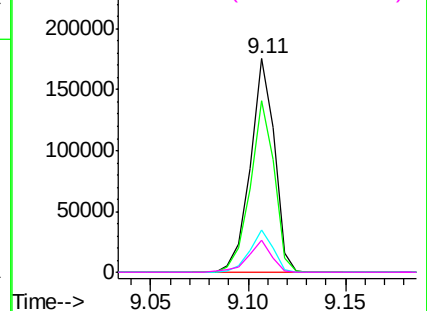
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.394 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

Tgt Ion:	216	Resp:	150937
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	19.0	18.1	27.1
108	14.5	17.2	25.8#

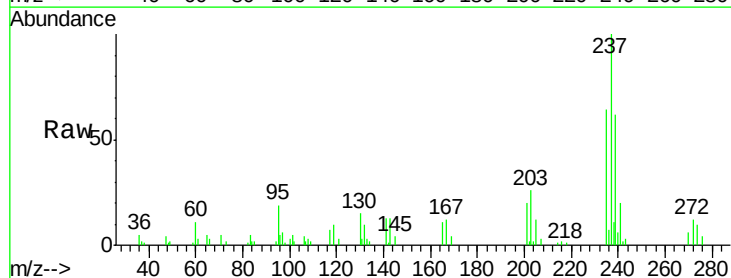


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

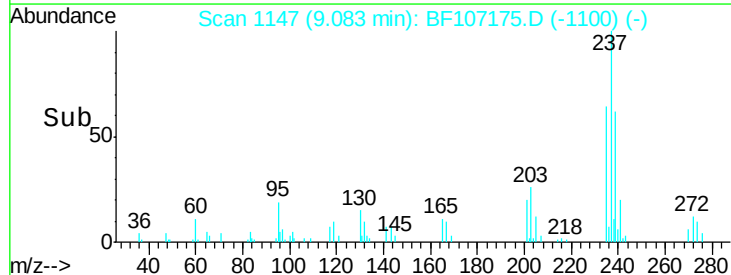
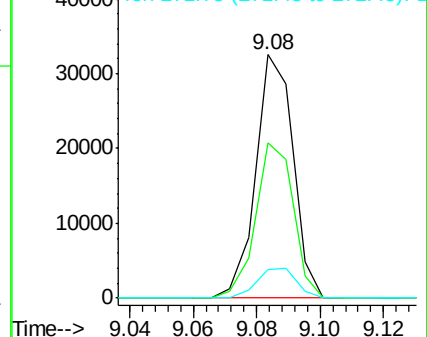


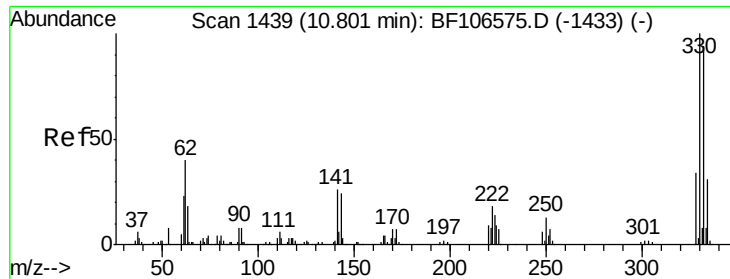
#40
 Hexachlorocyclopentadiene
 Concen: 12.130 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Tgt Ion:	237	Resp:	26613
Ion	Ratio	Lower	Upper
237	100		
235	64.0	44.8	84.8
272	11.9	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

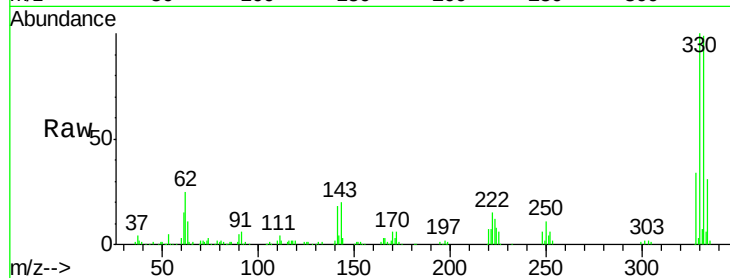




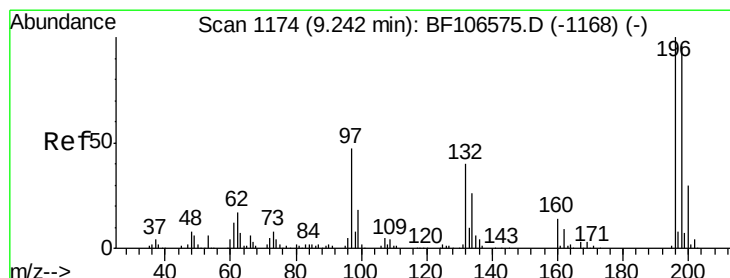
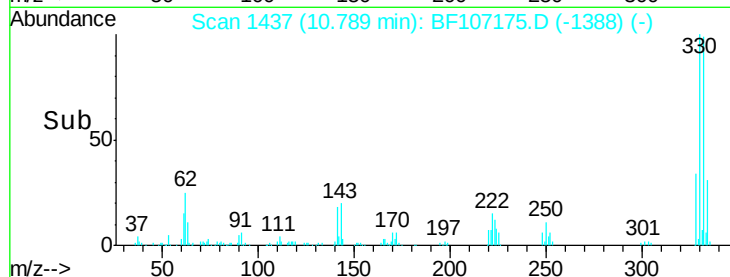
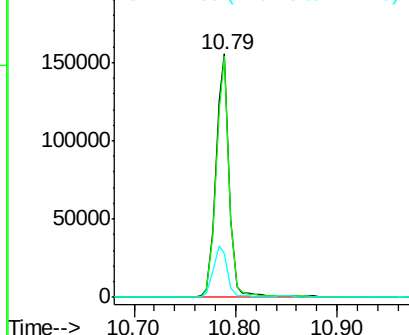
#41
 2,4,6-Tribromophenol
 Concen: 97.298 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

Tgt Ion:330 Resp: 142800
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 22.5 29.9 44.9#

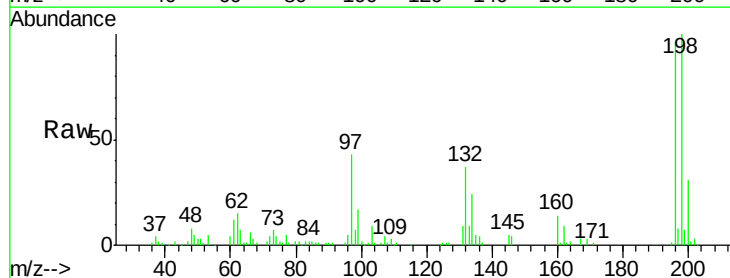


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

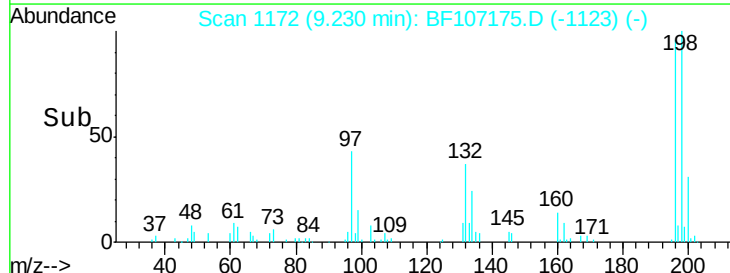
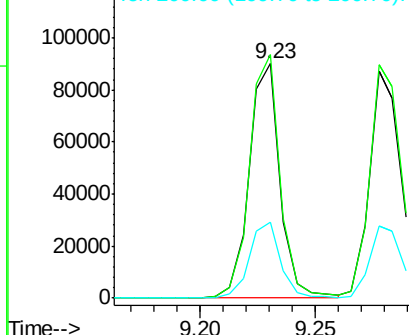


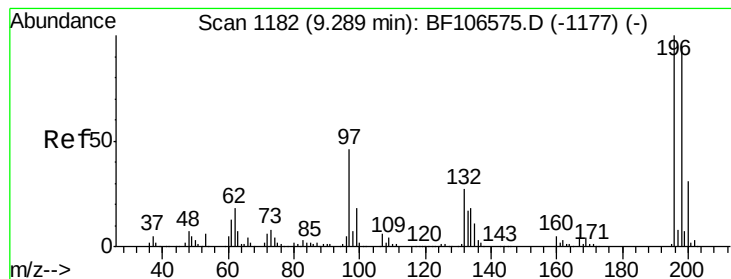
#42
 2,4,6-Trichlorophenol
 Concen: 29.757 ng
 RT: 9.23 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Tgt Ion:196 Resp: 84350
 Ion Ratio Lower Upper
 196 100
 198 103.9 75.7 113.5
 200 32.6 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

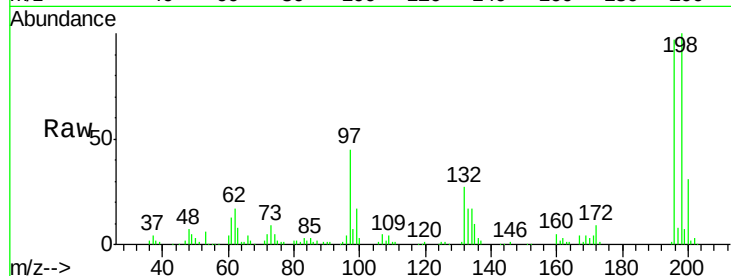




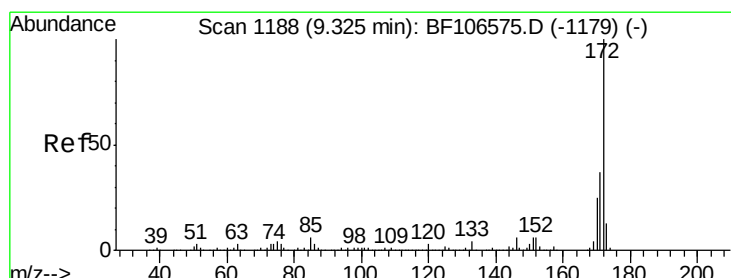
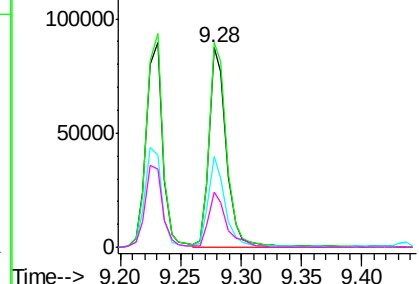
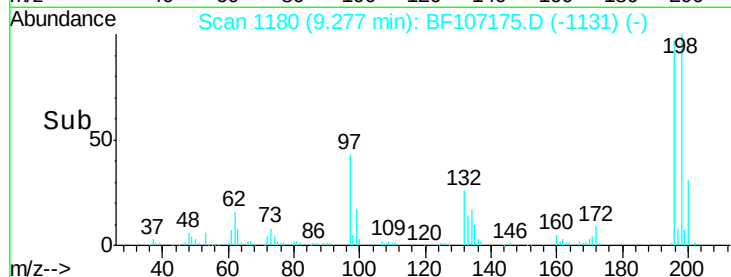
#43
 2,4,5-Trichlorophenol
 Concen: 29.884 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

Tgt Ion:	196	Resp:	88392
Ion	Ratio	Lower	Upper
196	100		
198	102.8	74.6	112.0
97	45.8	42.9	64.3
132	27.6	26.3	39.5

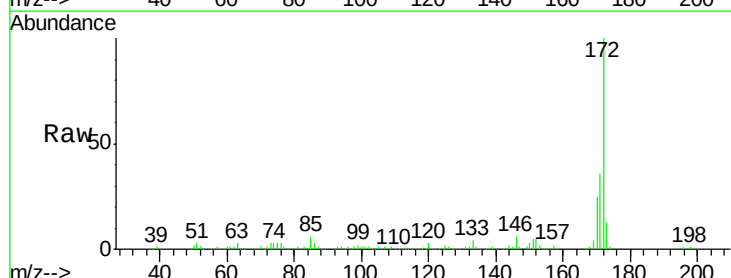


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

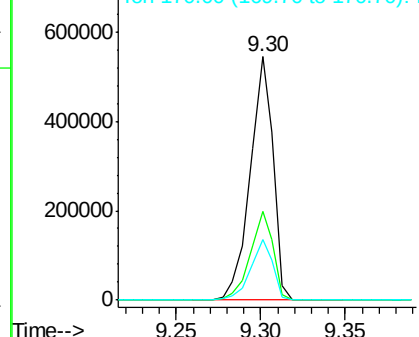
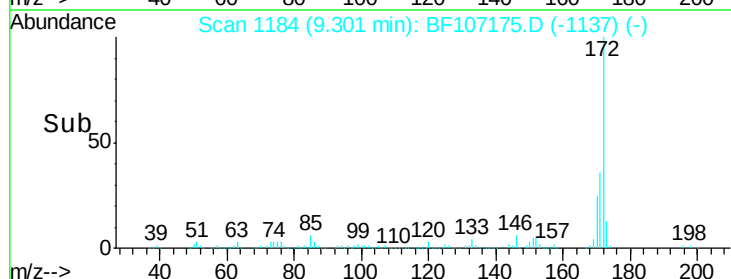


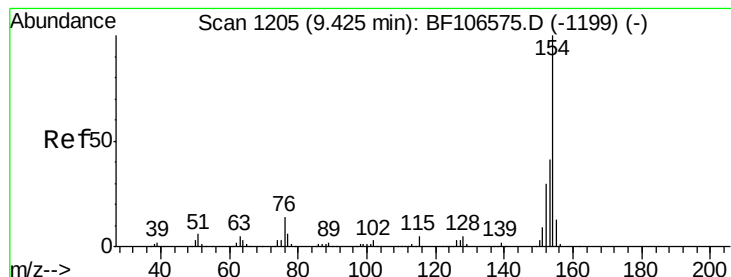
#44
 2-Fluorobiphenyl
 Concen: 65.750 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Tgt Ion:	172	Resp:	516881
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.8	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: 34.168 ng

RT: 9.41 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMSD

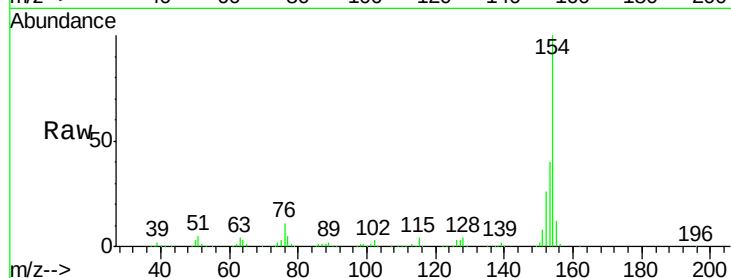
Tgt Ion:154 Resp: 344806

Ion Ratio Lower Upper

154 100

153 39.6 21.3 61.3

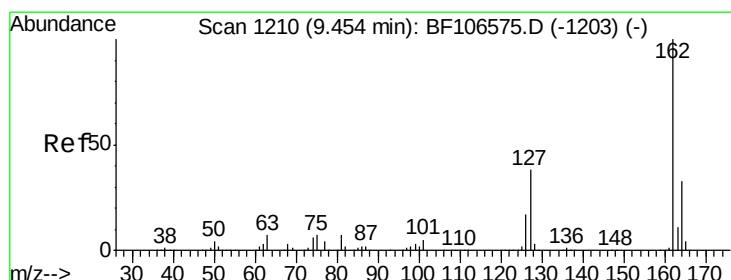
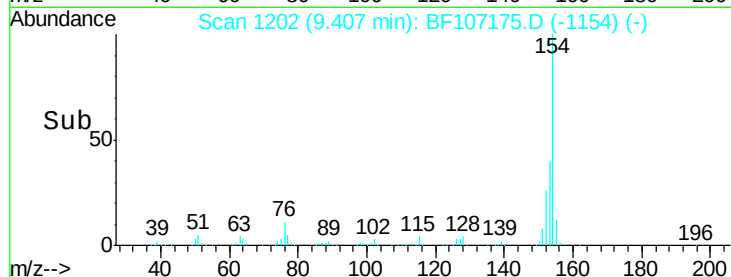
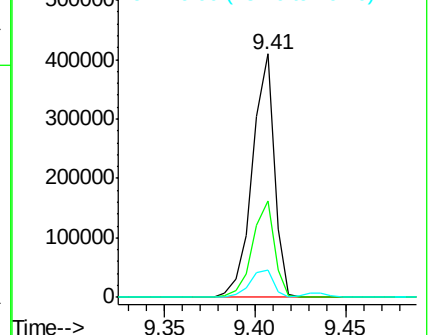
76 11.0 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 31.560 ng

RT: 9.44 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

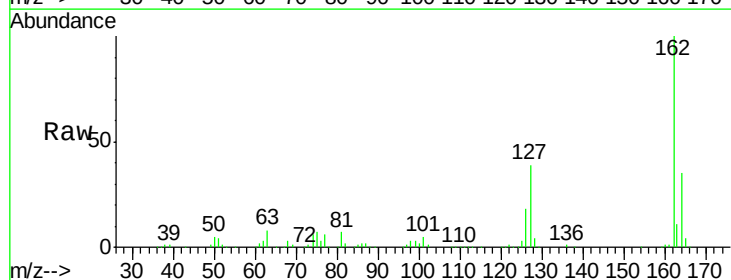
Tgt Ion:162 Resp: 250700

Ion Ratio Lower Upper

162 100

127 38.8 33.9 50.9

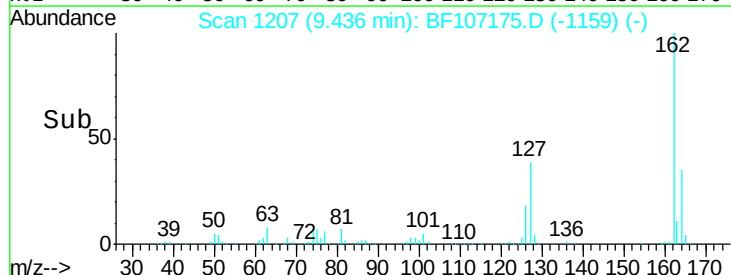
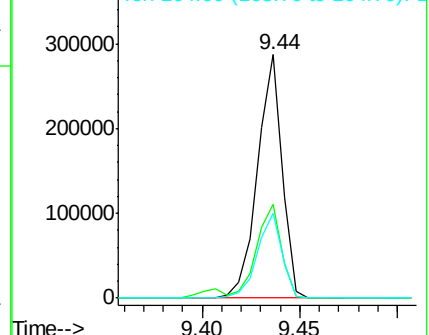
164 34.7 26.5 39.7

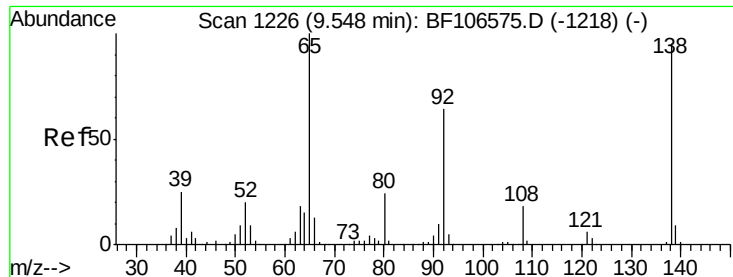


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

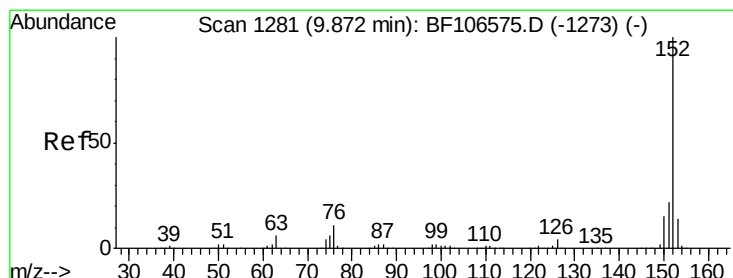
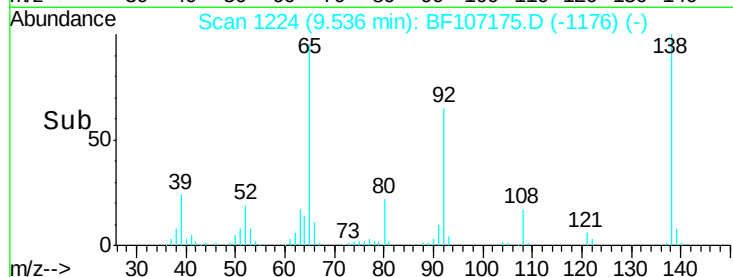
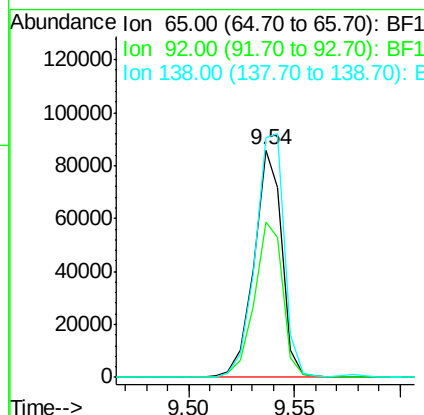
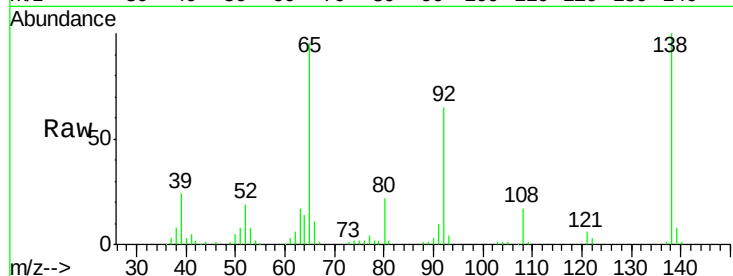




#47
2-Nitroaniline
Concen: 29.525 ng
RT: 9.54 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

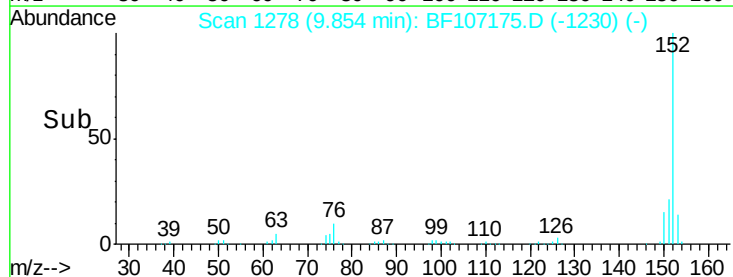
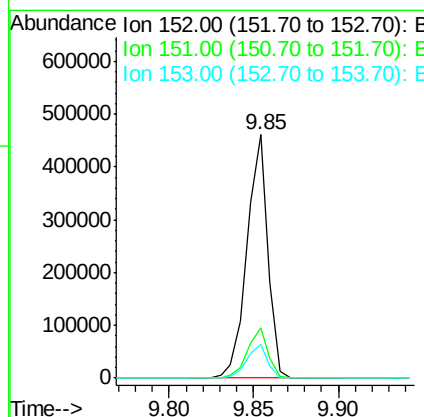
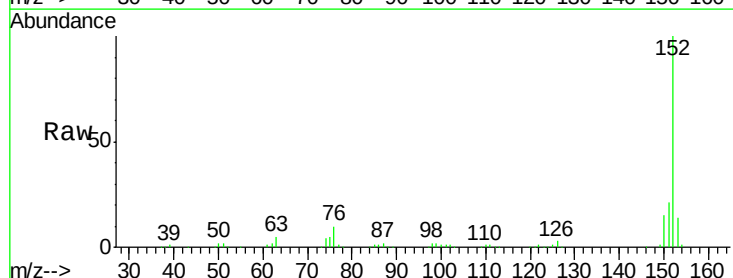
Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMSD

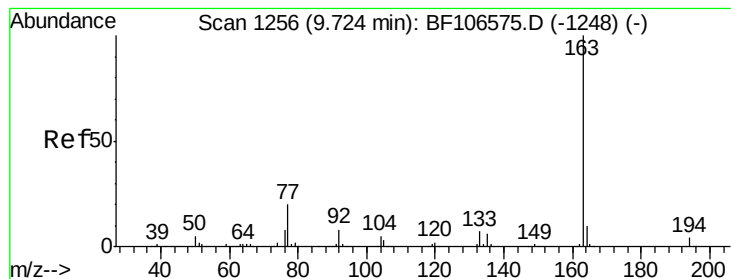
Tgt Ion: 65 Resp: 78867
Ion Ratio Lower Upper
65 100
92 68.4 55.8 83.6
138 105.5 91.2 136.8



#48
Acenaphthylene
Concen: 31.716 ng
RT: 9.85 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Tgt Ion: 152 Resp: 397764
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 14.1 10.7 16.1





#49

Dimethylphthalate

Concen: 41.956 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMSD

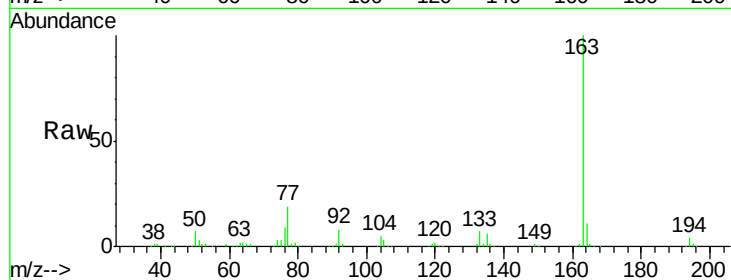
Tgt Ion:163 Resp: 398464

Ion Ratio Lower Upper

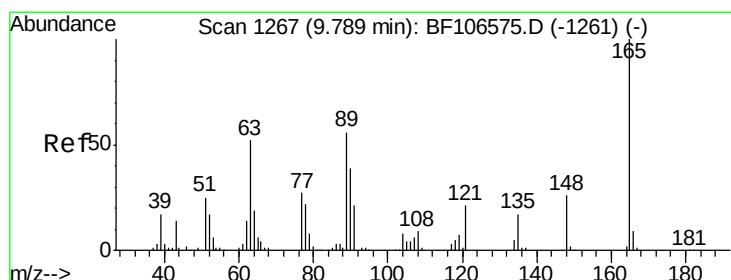
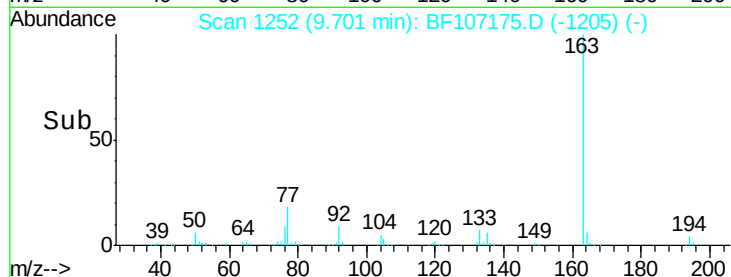
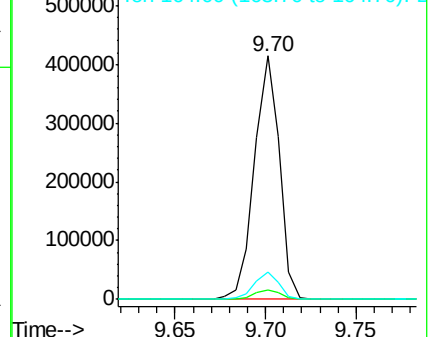
163 100

194 3.9 2.7 4.1

164 11.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 34.169 ng

RT: 9.78 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

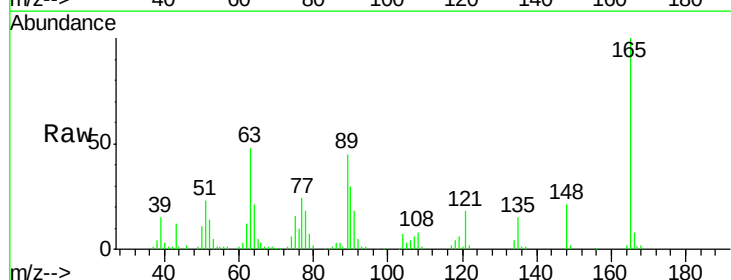
Tgt Ion:165 Resp: 68716

Ion Ratio Lower Upper

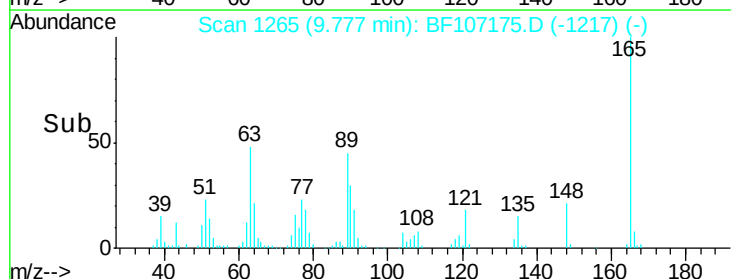
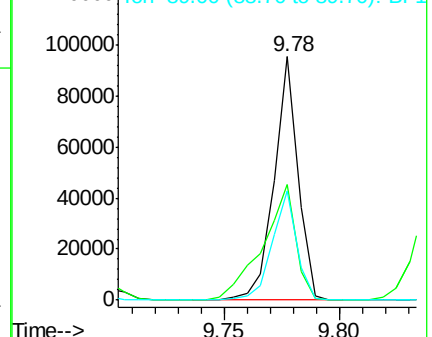
165 100

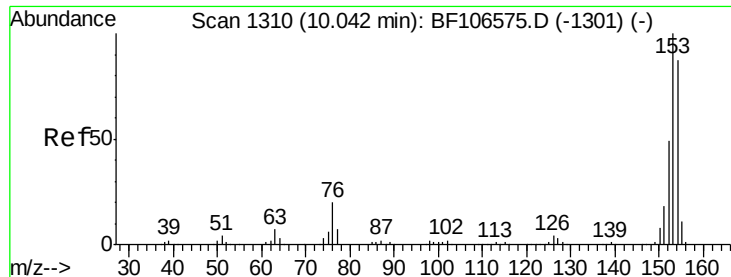
63 47.5 44.7 67.1

89 44.8 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: 30.628 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMSD

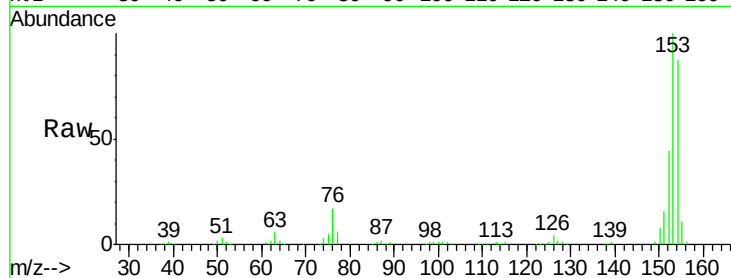
Tgt Ion:154 Resp: 241879

Ion Ratio Lower Upper

154 100

153 115.5 91.2 136.8

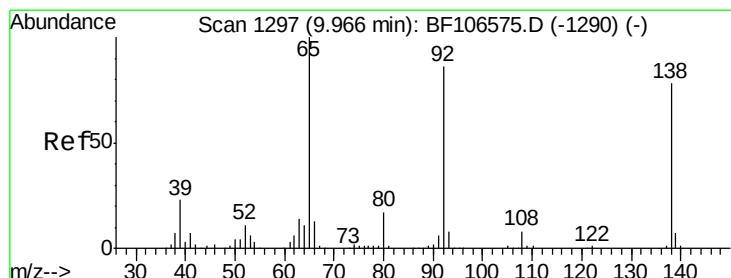
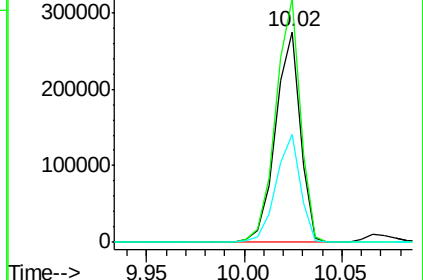
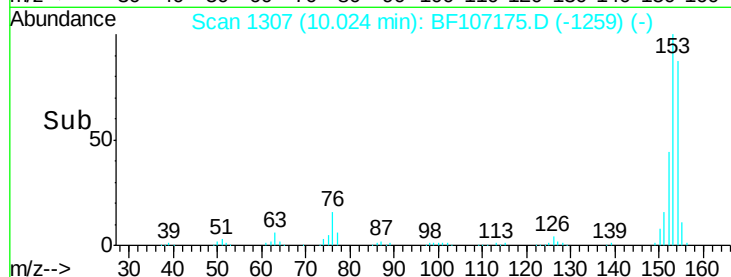
152 51.3 43.8 65.8



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: 18.024 ng

RT: 9.95 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

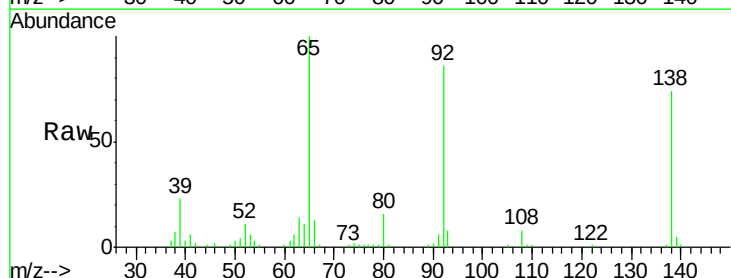
Tgt Ion:138 Resp: 41712

Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.0

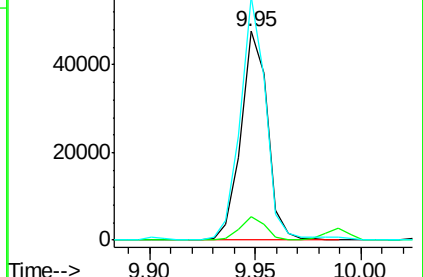
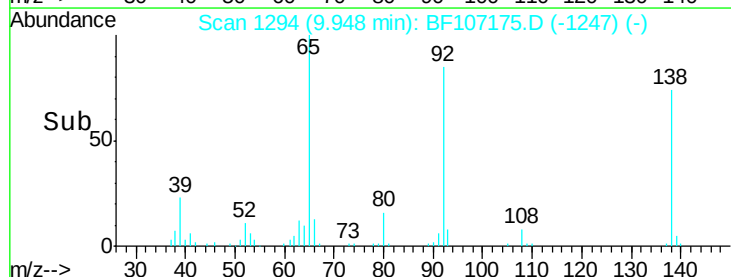
92 116.7 89.4 134.2

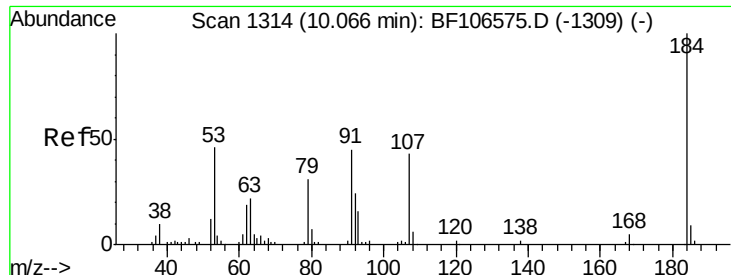


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

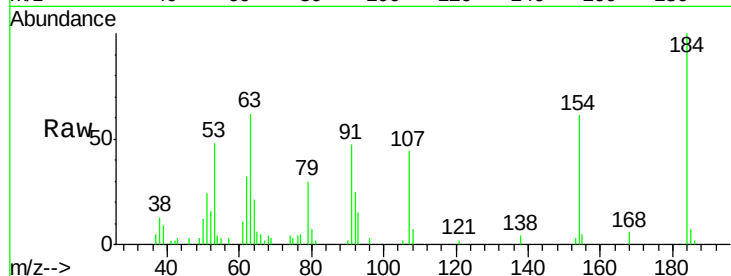




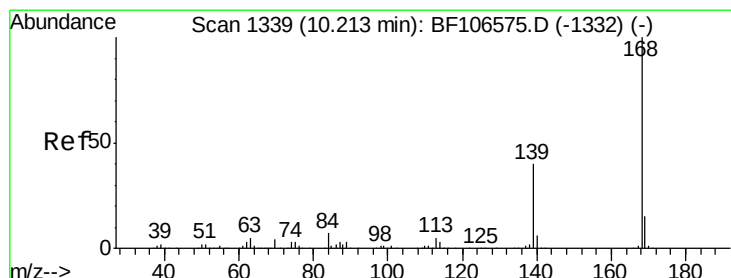
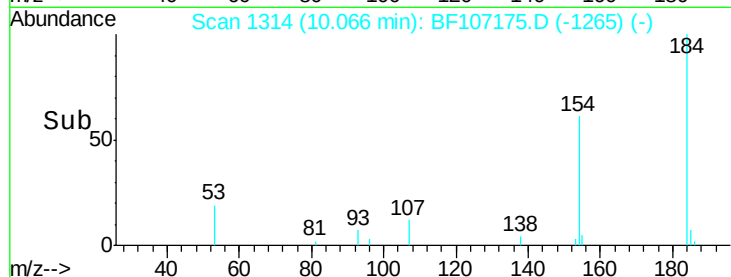
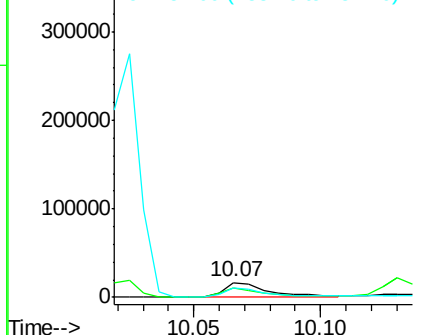
#53
 2,4-Dinitrophenol
 Concen: 24.561 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

Tgt Ion:184 Resp: 21524
 Ion Ratio Lower Upper
 184 100
 63 61.9 54.2 81.2
 154 60.9 184.0 276.0#

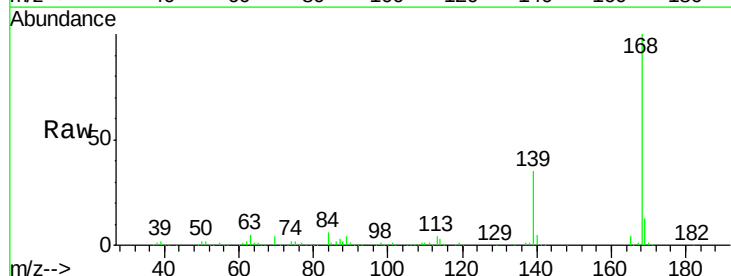


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

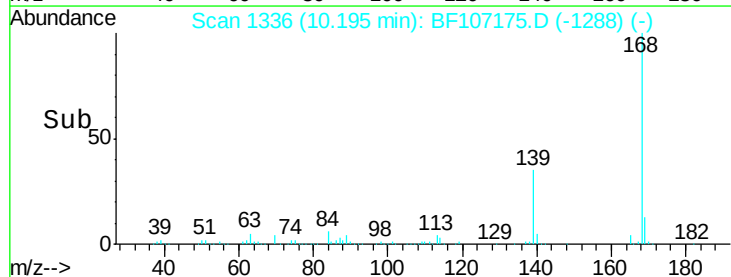
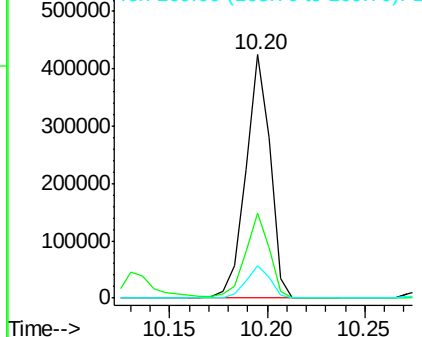


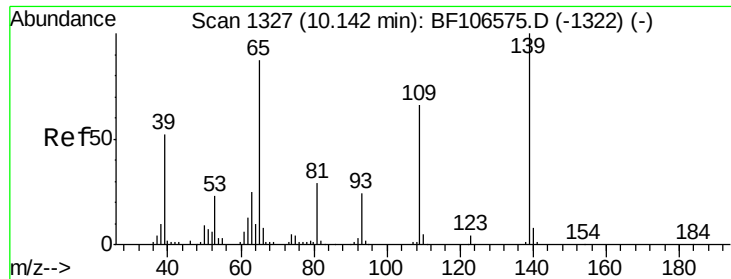
#54
 Dibenzofuran
 Concen: 33.833 ng
 RT: 10.20 min Scan# 1336
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Tgt Ion:168 Resp: 365873
 Ion Ratio Lower Upper
 168 100
 139 35.0 30.1 45.1
 169 13.1 10.9 16.3



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

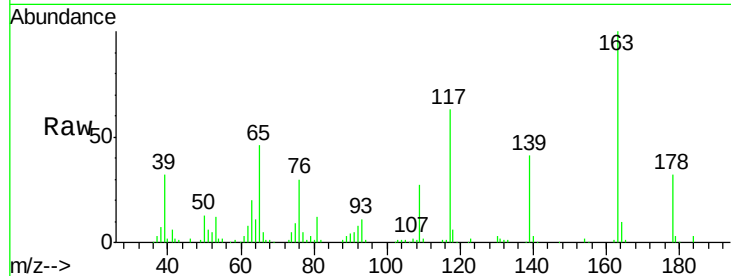




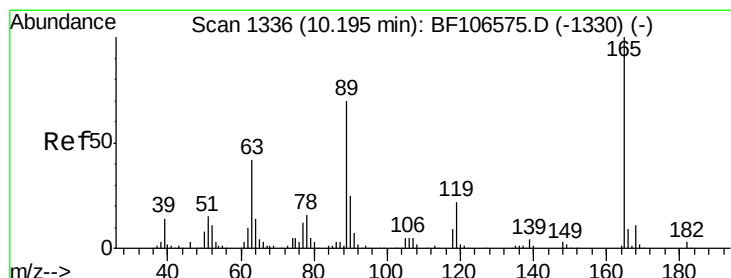
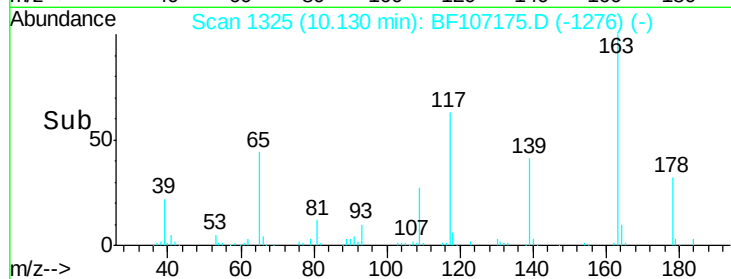
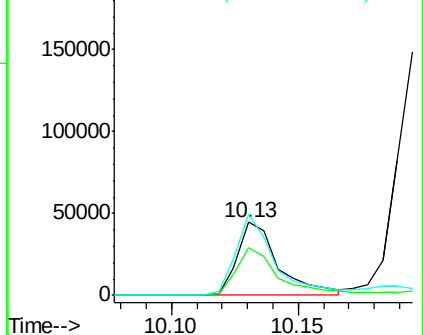
#55
4-Nitrophenol
Concen: 31.375 ng
RT: 10.13 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMSD

Tgt Ion:139 Resp: 50682
Ion Ratio Lower Upper
139 100
109 65.8 48.4 88.4
65 111.4 72.6 112.6



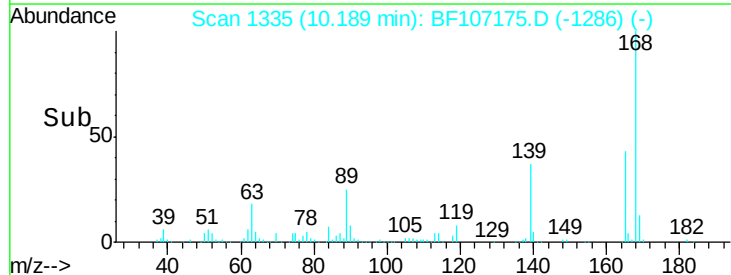
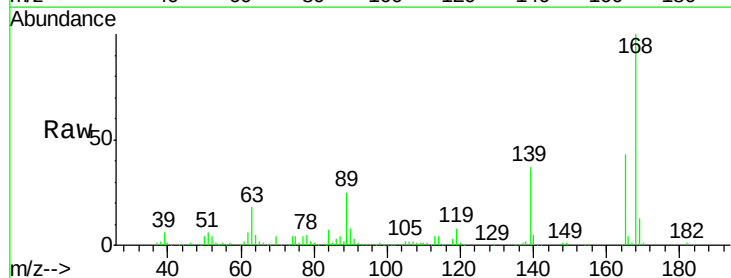
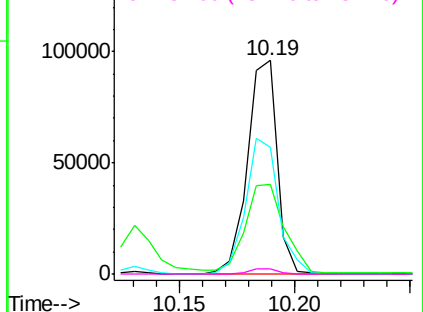
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

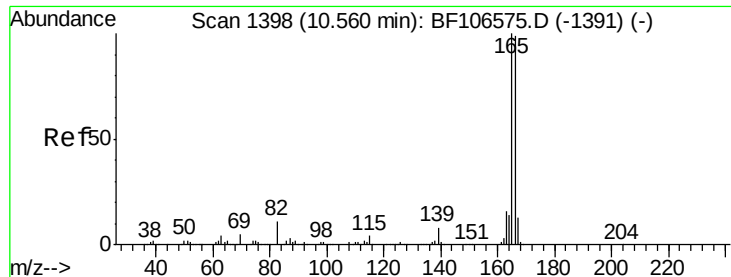


#56
2,4-Dinitrotoluene
Concen: 33.000 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Tgt Ion:165 Resp: 86626
Ion Ratio Lower Upper
165 100
63 41.8 36.4 54.6
89 59.4 57.8 86.6
182 2.4 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: 33.713 ng

RT: 10.54 min Scan# 1395

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMSD

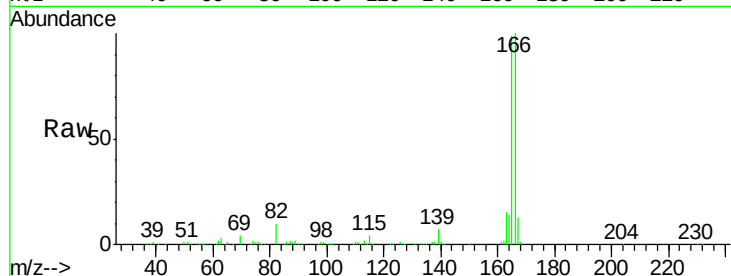
Tgt Ion:166 Resp: 289298

Ion Ratio Lower Upper

166 100

165 99.3 79.8 119.8

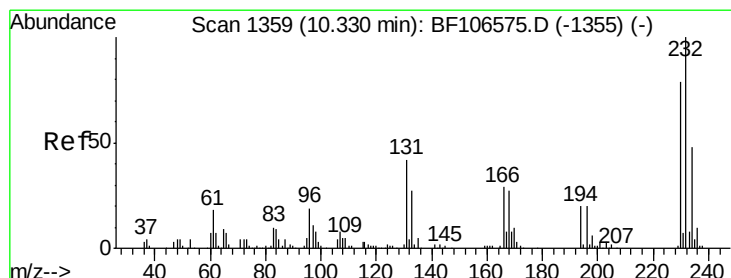
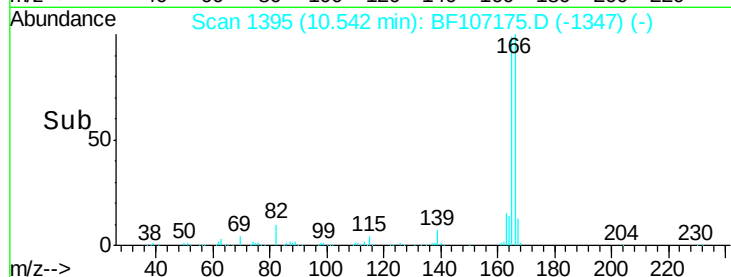
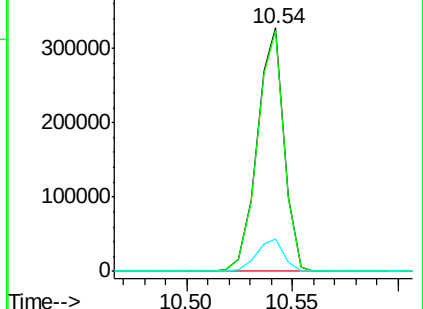
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.065 ng

RT: 10.32 min Scan# 1357

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Tgt Ion:232 Resp: 75393

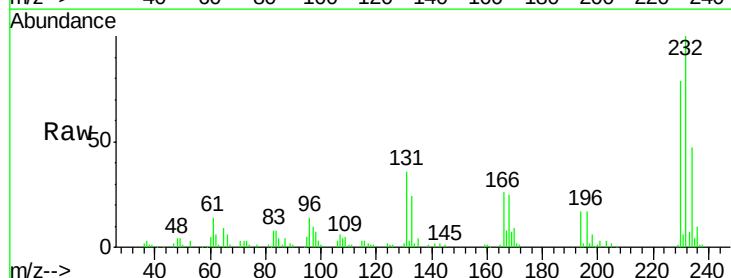
Ion Ratio Lower Upper

232 100

131 32.3 43.8 65.8#

130 1.2 2.1 3.1#

166 24.1 27.8 41.6#

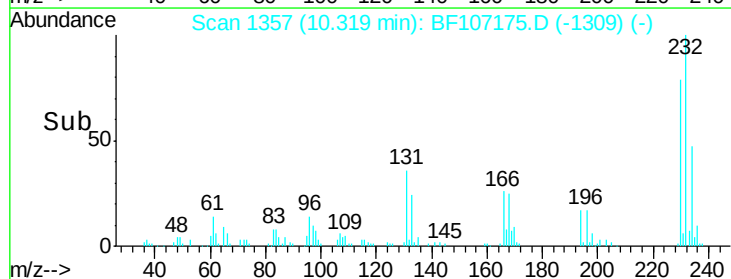
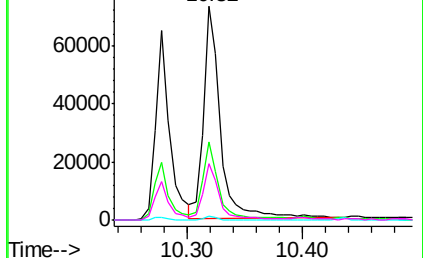


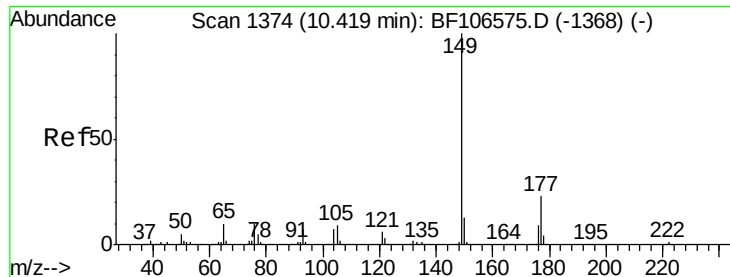
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

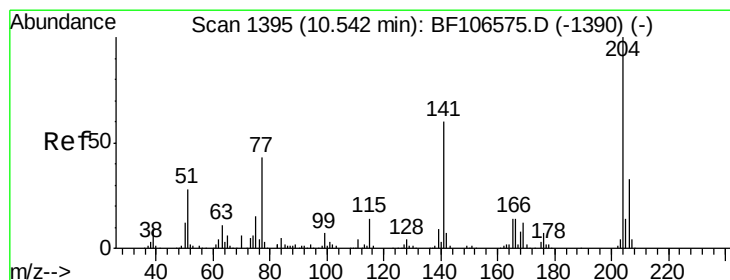
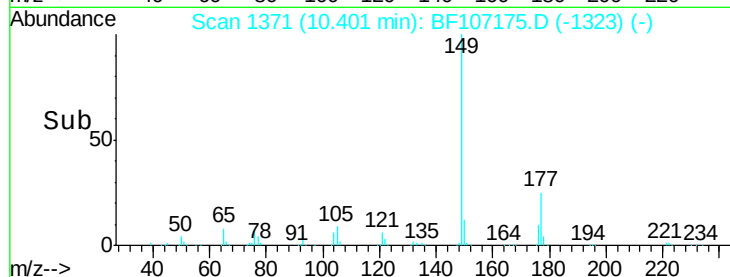
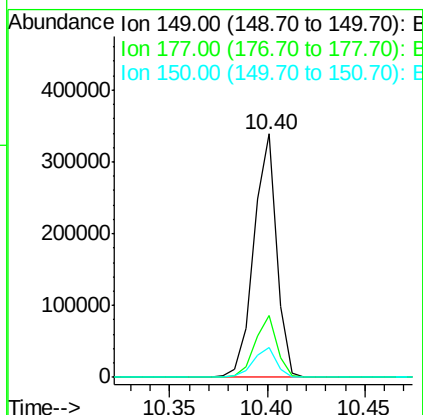
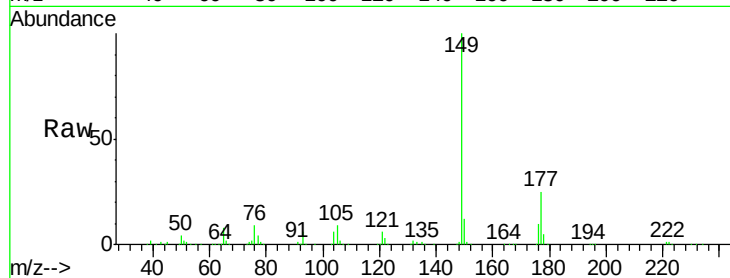




#59
Diethylphthalate
Concen: 29.865 ng
RT: 10.40 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

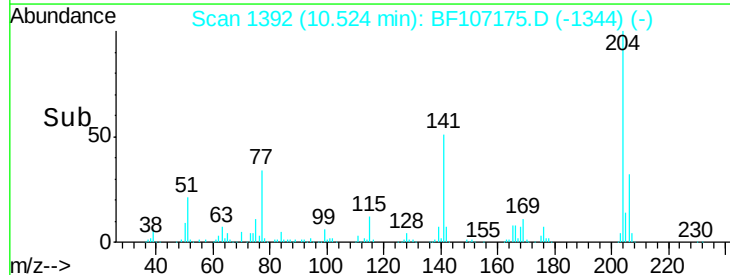
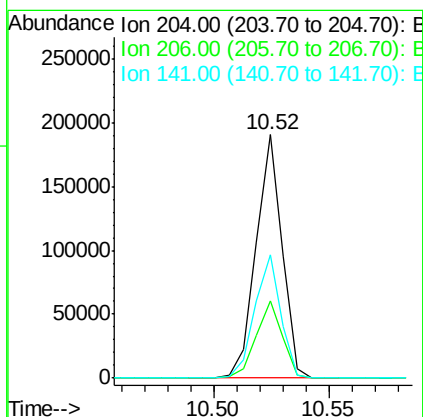
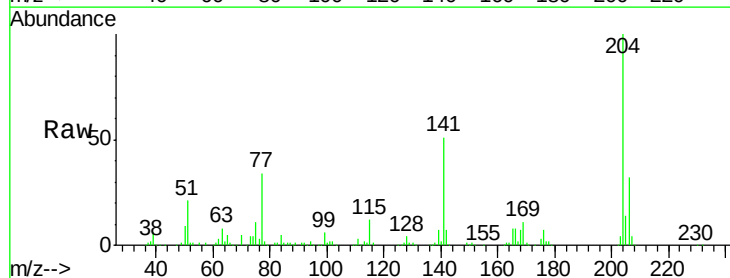
Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMSD

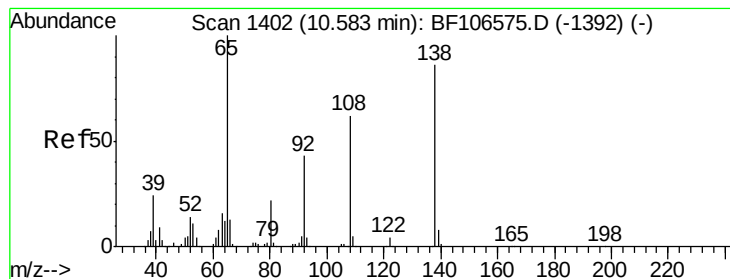
Tgt Ion:149 Resp: 273757
Ion Ratio Lower Upper
149 100
177 25.1 16.1 24.1#
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 33.372 ng
RT: 10.52 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Tgt Ion:204 Resp: 149840
Ion Ratio Lower Upper
204 100
206 31.7 26.5 39.7
141 50.8 54.6 81.8#





#61

4-Nitroaniline

Concen: 25.792 ng

RT: 10.57 min Scan# 1400

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMSD

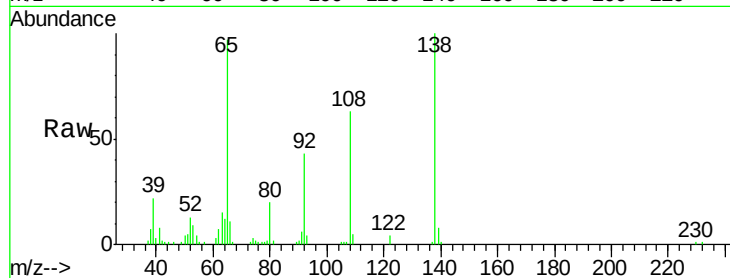
Tgt Ion:138 Resp: 59238

Ion Ratio Lower Upper

138 100

92 43.1 30.2 70.2

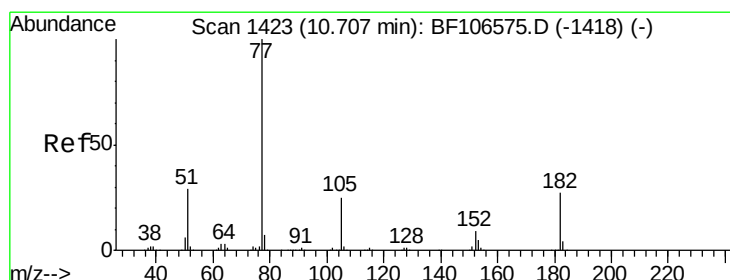
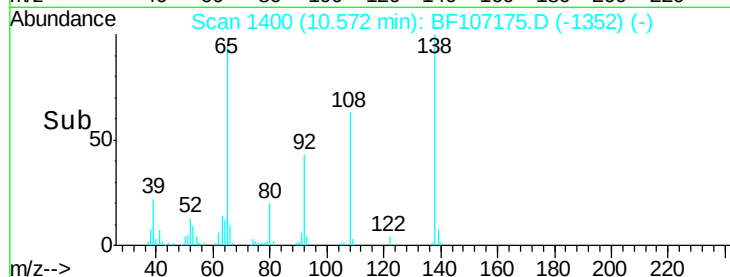
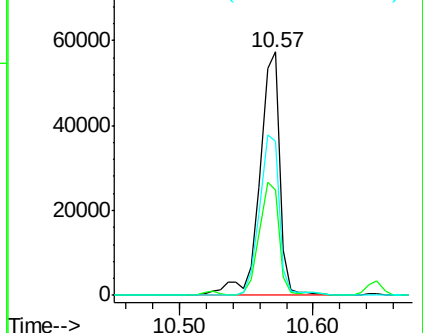
108 63.4 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 29.066 ng

RT: 10.69 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Tgt Ion: 77 Resp: 262371

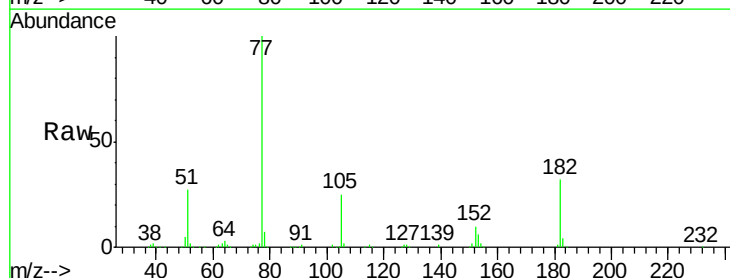
Ion Ratio Lower Upper

77 100

182 32.1 1.7 41.7

105 25.5 3.0 43.0

51 27.3 9.9 49.9

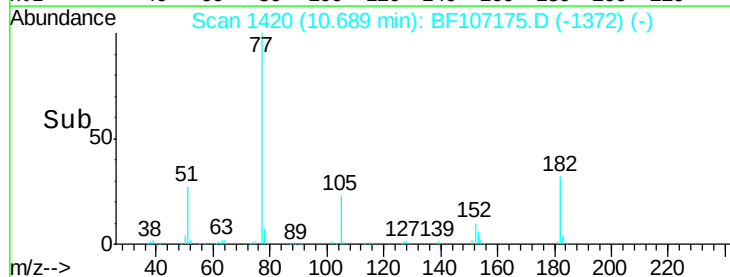
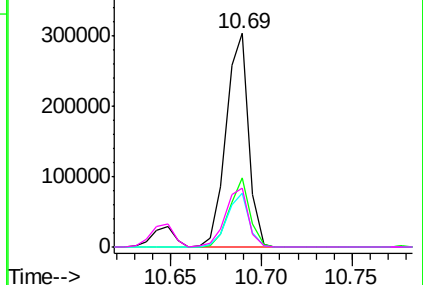


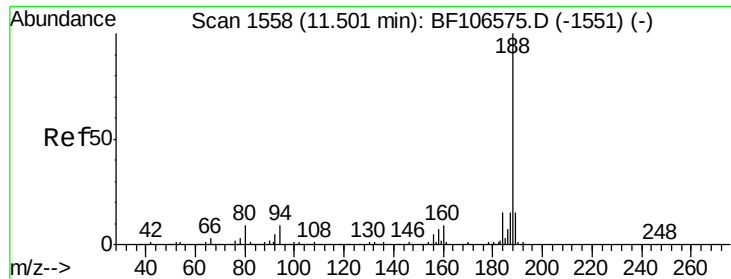
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): 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: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMSD

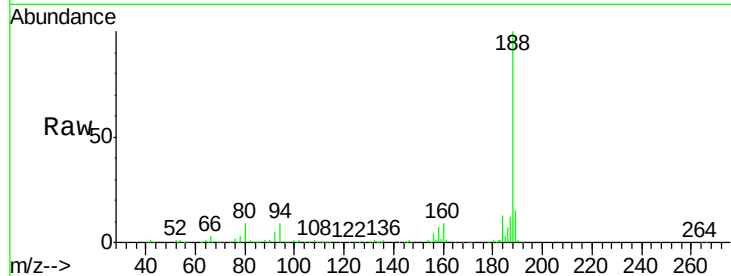
Tgt Ion:188 Resp: 229936

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

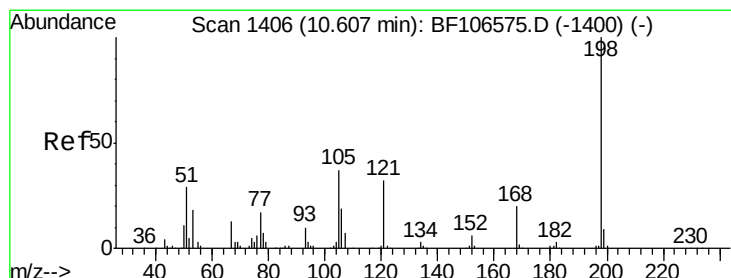
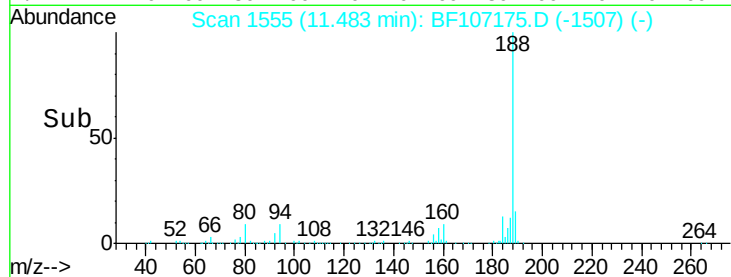
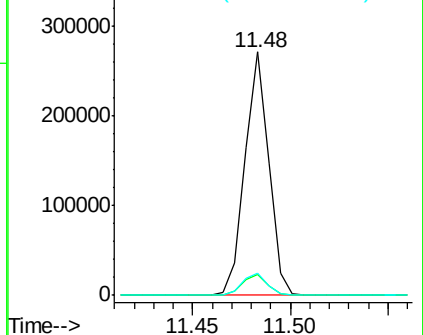
80 9.2 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 23.562 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

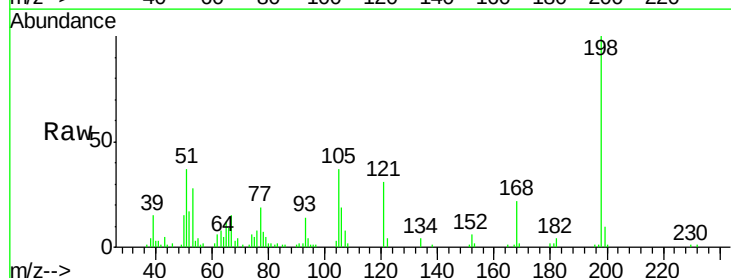
Tgt Ion:198 Resp: 33490

Ion Ratio Lower Upper

198 100

51 37.4 37.7 77.7#

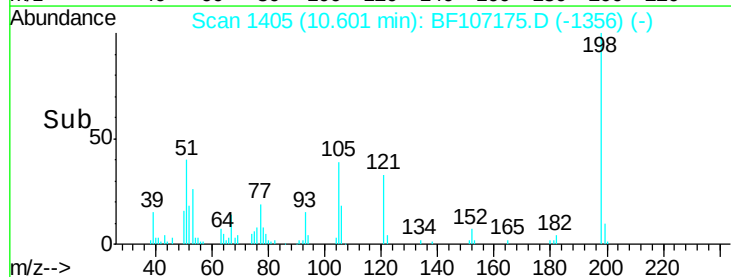
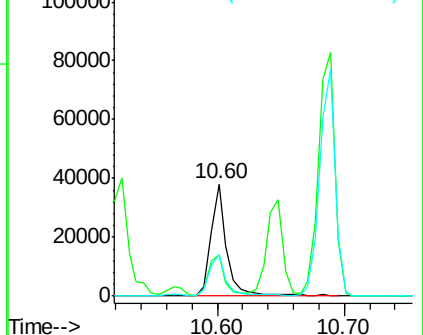
105 36.7 36.3 76.3

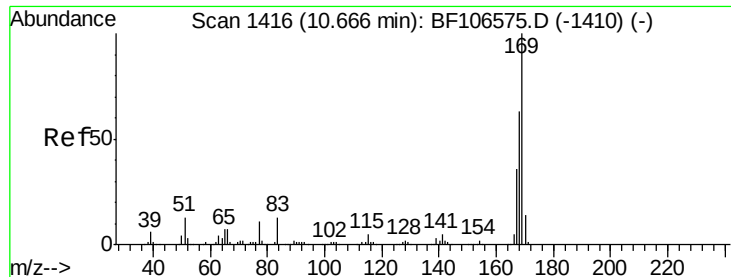


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 31.793 ng

RT: 10.65 min Scan# 1413

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMSD

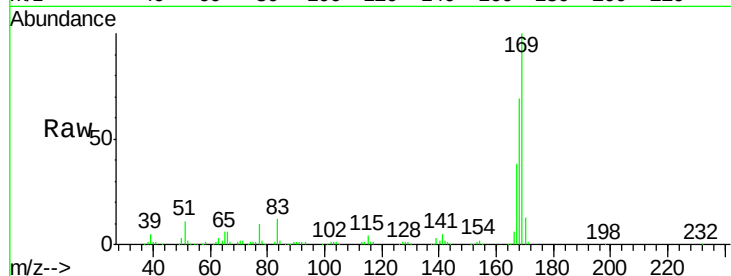
Tgt Ion:169 Resp: 245886

Ion Ratio Lower Upper

169 100

168 69.0 54.4 81.6

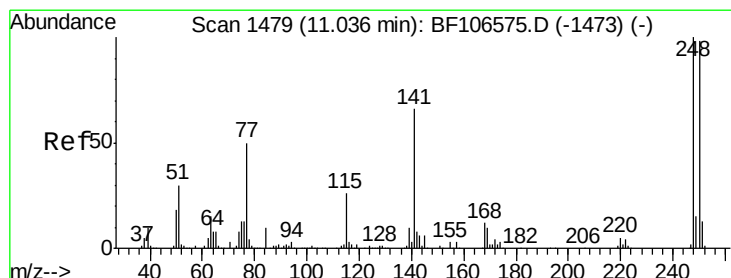
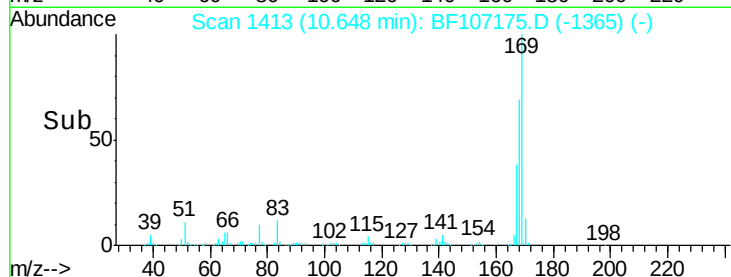
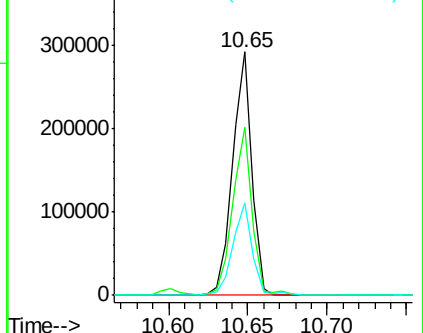
167 37.9 29.8 44.6



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: 36.104 ng

RT: 11.02 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

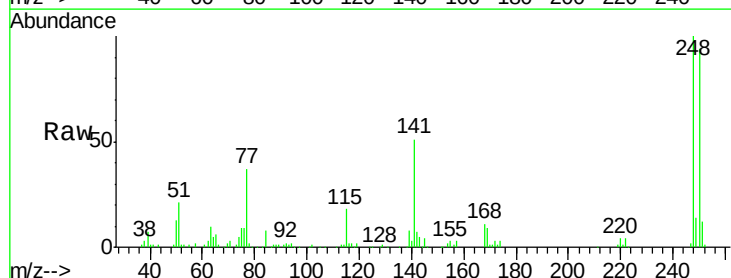
Tgt Ion:248 Resp: 99076

Ion Ratio Lower Upper

248 100

250 93.8 76.9 115.3

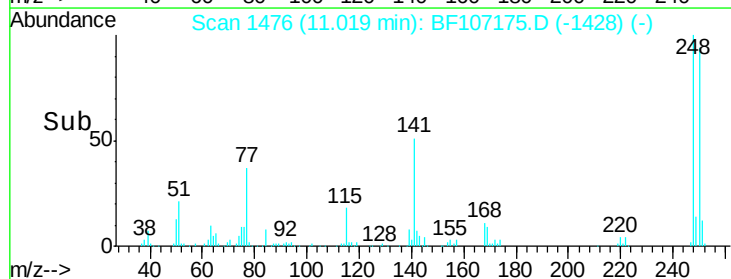
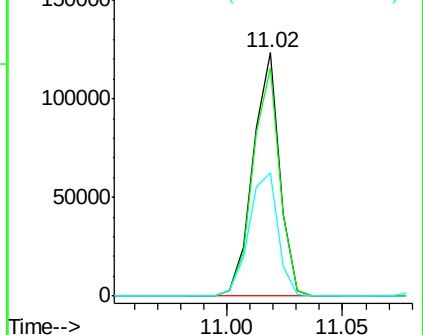
141 50.8 74.4 111.6#

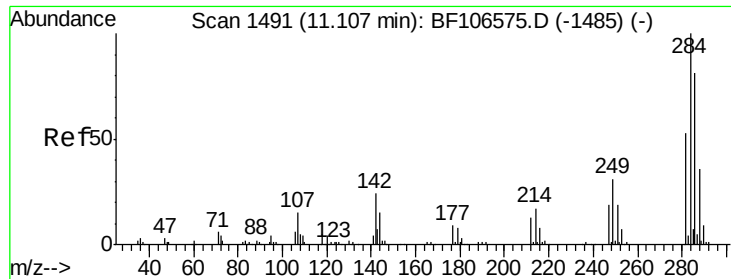


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

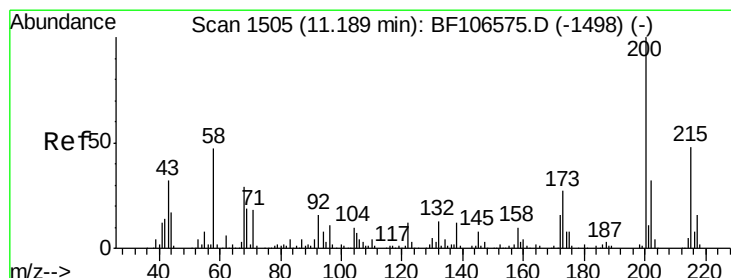
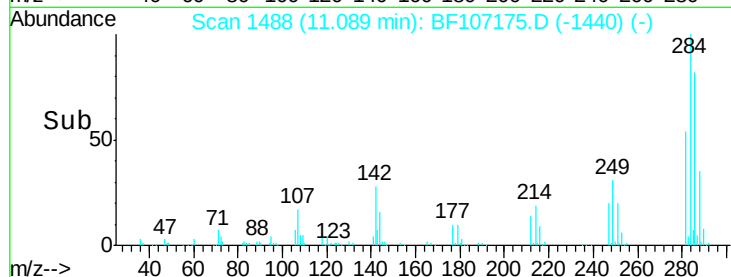
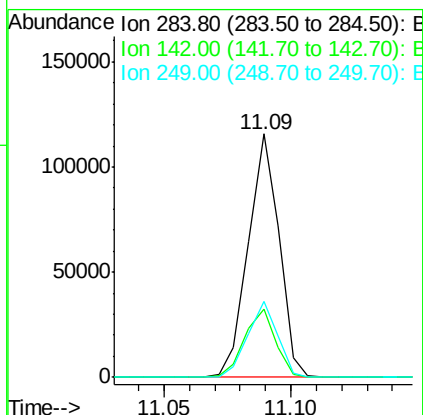
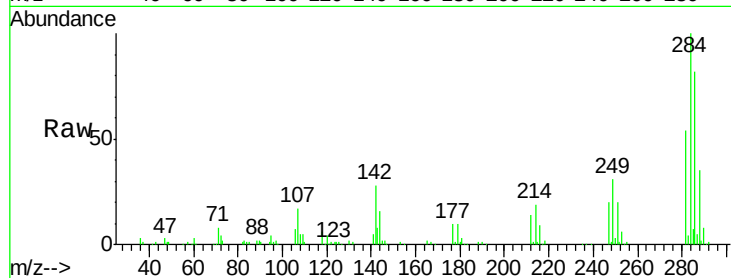




#67
Hexachlorobenzene
Concen: 34.242 ng
RT: 11.09 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

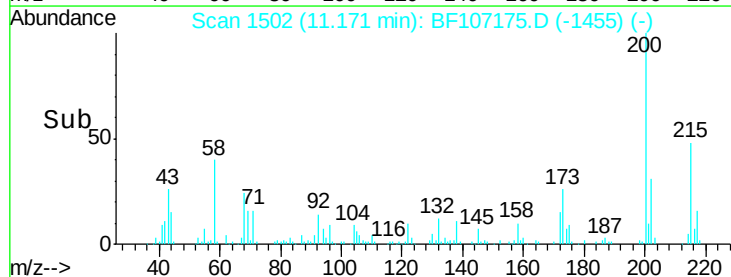
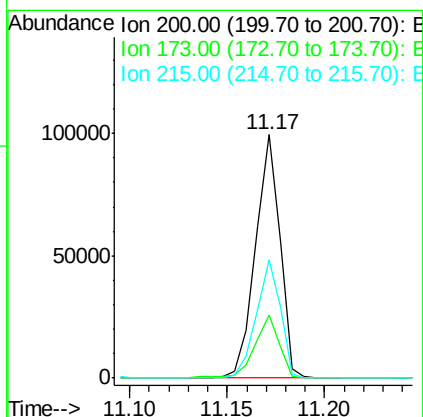
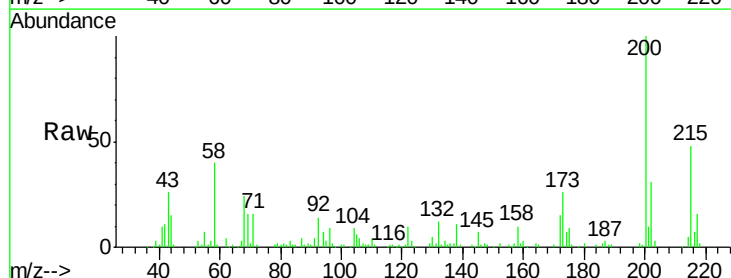
Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMSD

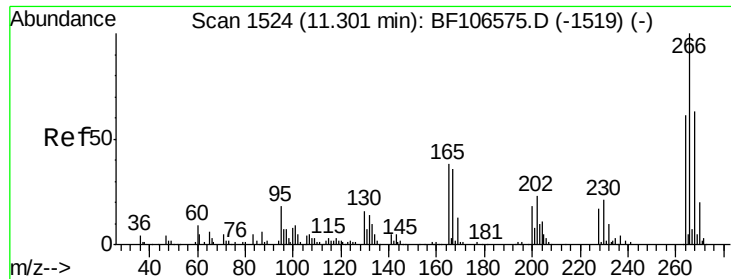
Tgt Ion: 284 Resp: 98349
Ion Ratio Lower Upper
284 100
142 27.8 34.6 52.0#
249 31.4 24.8 37.2



#68
Atrazine
Concen: 35.178 ng
RT: 11.17 min Scan# 1502
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Tgt Ion: 200 Resp: 86491
Ion Ratio Lower Upper
200 100
173 26.0 8.6 48.6
215 48.4 25.1 65.1

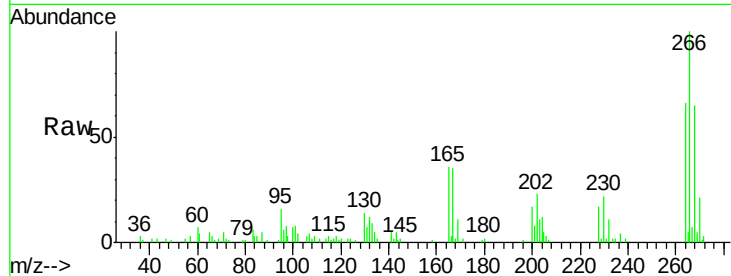




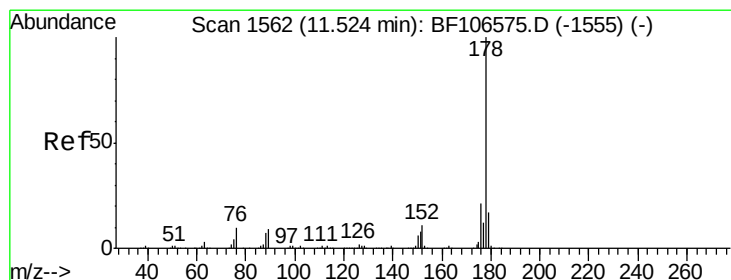
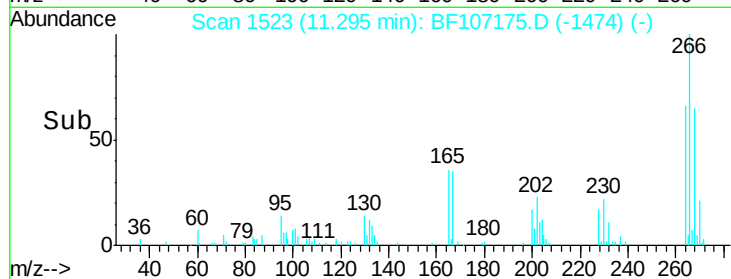
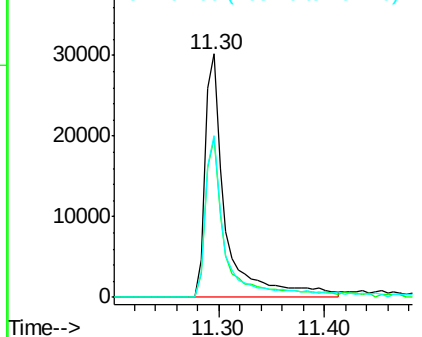
#69
 Pentachlorophenol
 Concen: 28.426 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

Tgt Ion: 266 Resp: 40737
 Ion Ratio Lower Upper
 266 100
 268 65.5 51.1 76.7
 264 66.5 49.5 74.3

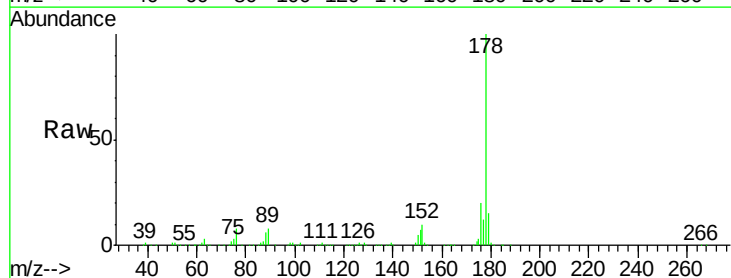


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

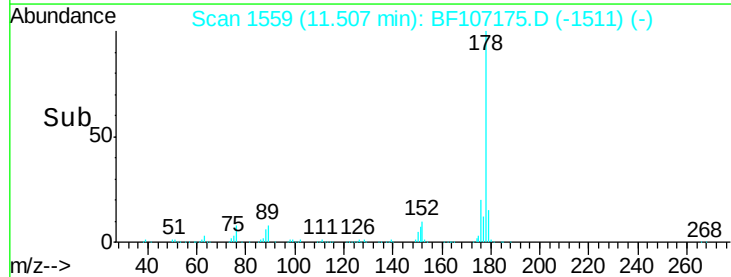
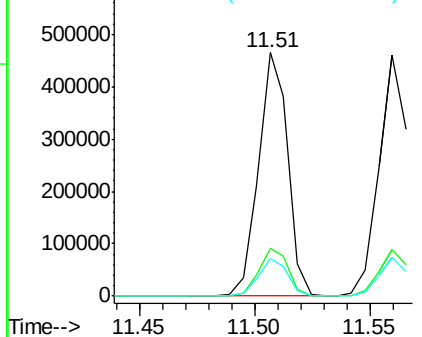


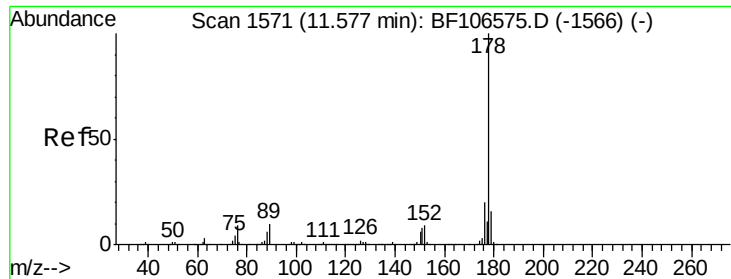
#70
 Phenanthrene
 Concen: 36.998 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Tgt Ion: 178 Resp: 410316
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.5 13.0 19.6



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

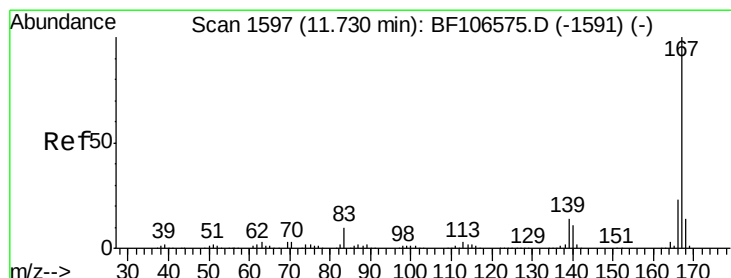
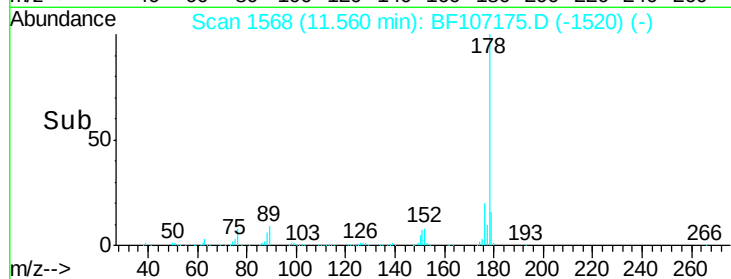
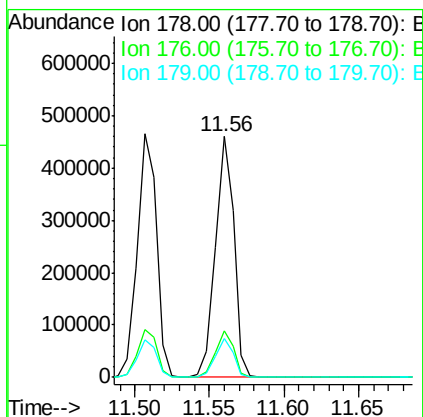
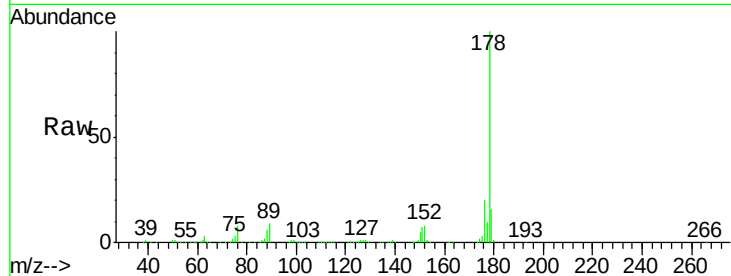




#71
 Anthracene
 Concen: 35.330 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

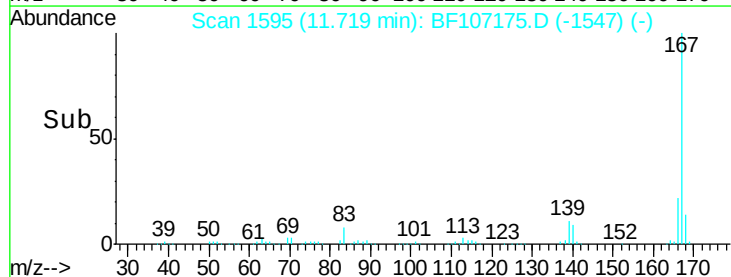
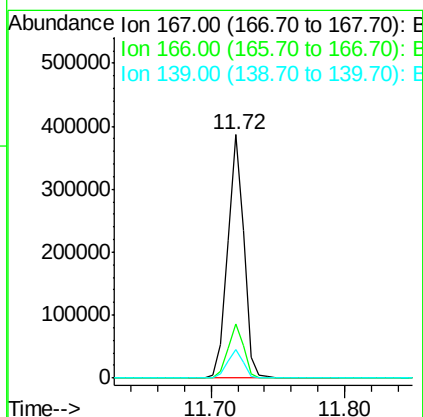
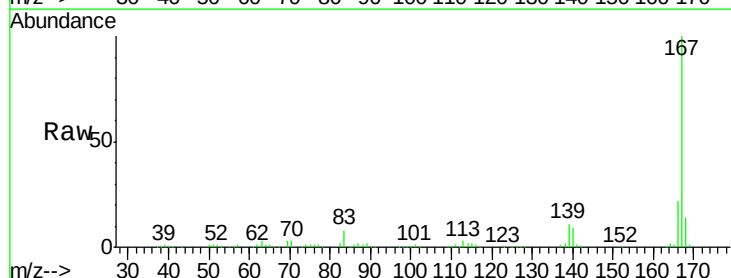
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

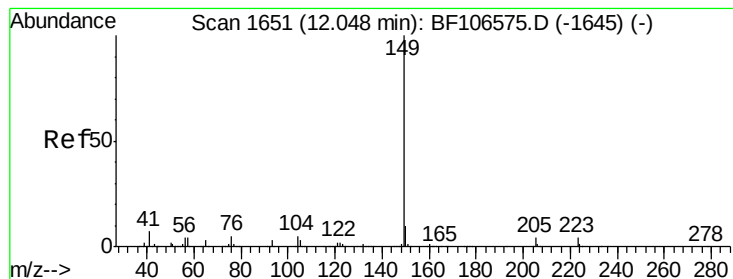
Tgt Ion:178 Resp: 399927
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 31.513 ng
 RT: 11.72 min Scan# 1595
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Tgt Ion:167 Resp: 333982
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 11.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 30.900 ng

RT: 12.02 min Scan# 1647

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMSD

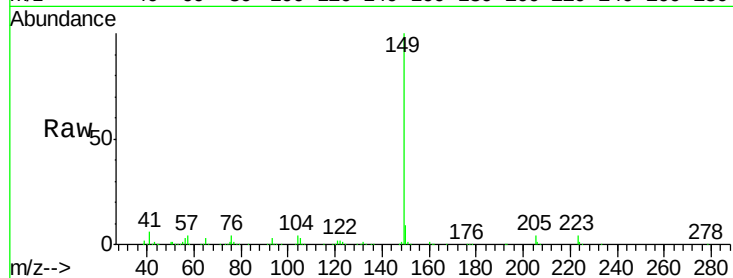
Tgt Ion:149 Resp: 385801

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

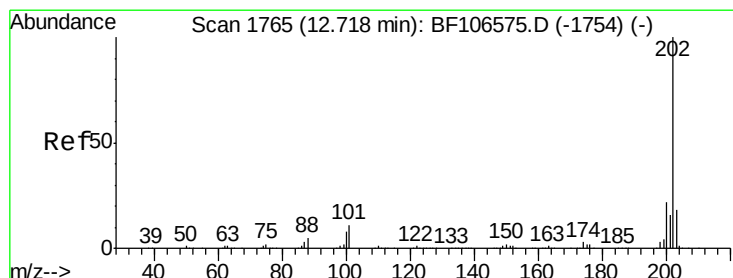
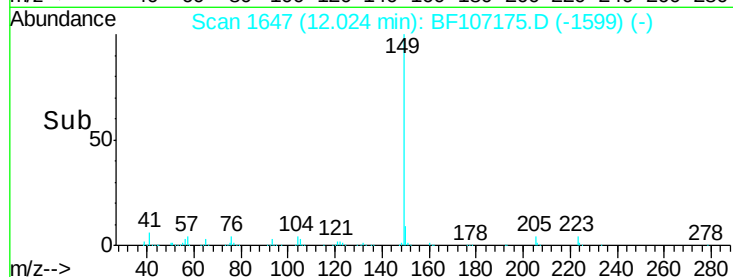
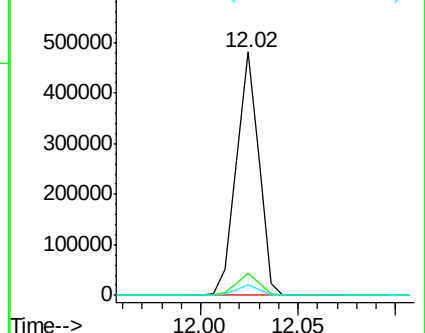
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.005 ng

RT: 12.70 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

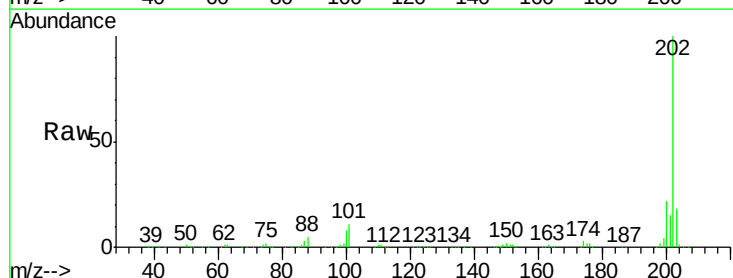
Tgt Ion:202 Resp: 391217

Ion Ratio Lower Upper

202 100

101 10.7 0.0 34.1

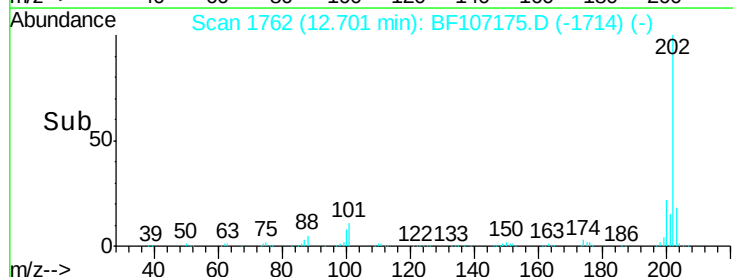
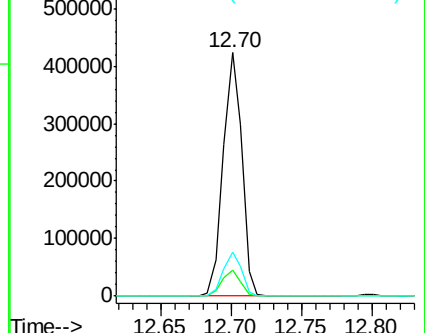
203 17.9 0.0 38.1

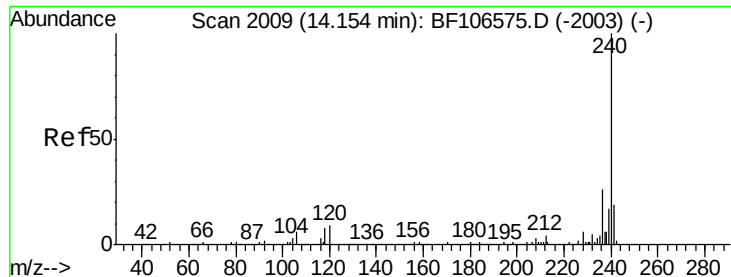


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMSD

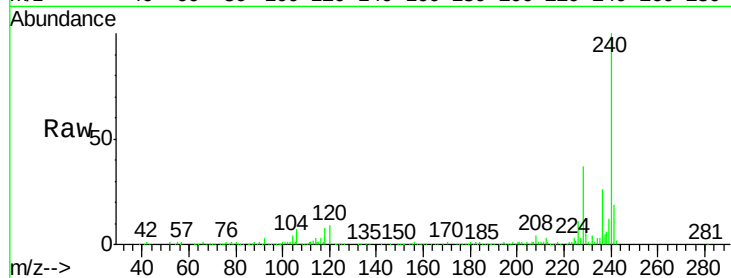
Tgt Ion:240 Resp: 163712

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

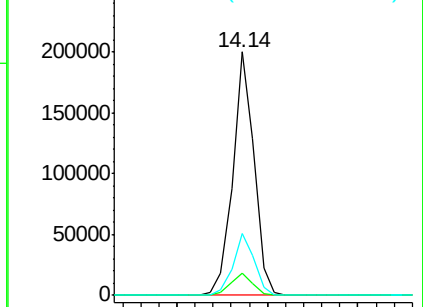
236 25.6 20.7 31.1



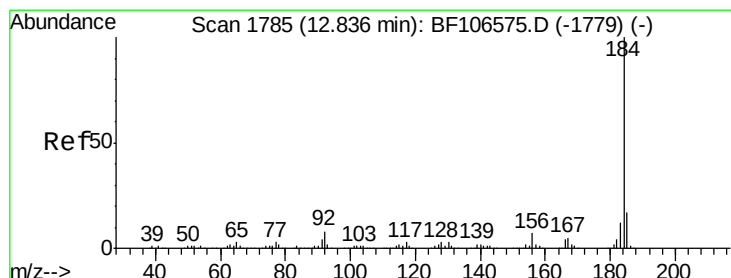
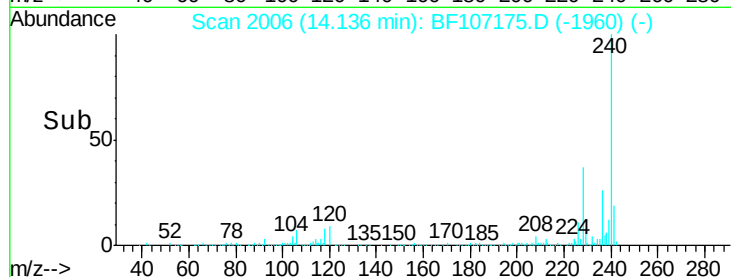
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 28.454 ng

RT: 12.82 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

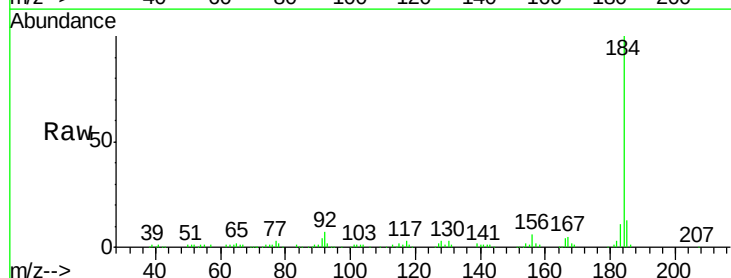
Tgt Ion:184 Resp: 132668

Ion Ratio Lower Upper

184 100

185 13.0 12.6 18.8

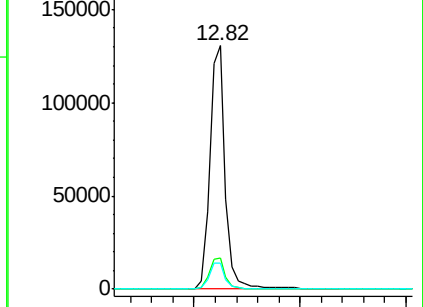
183 10.8 9.3 13.9



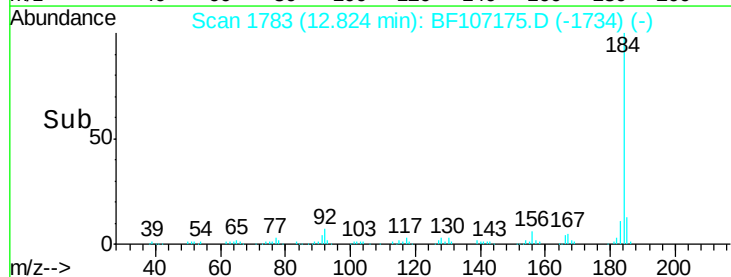
Abundance Ion 184.00 (183.70 to 184.70): E

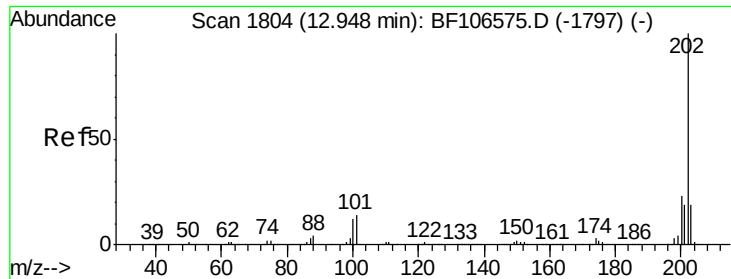
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->

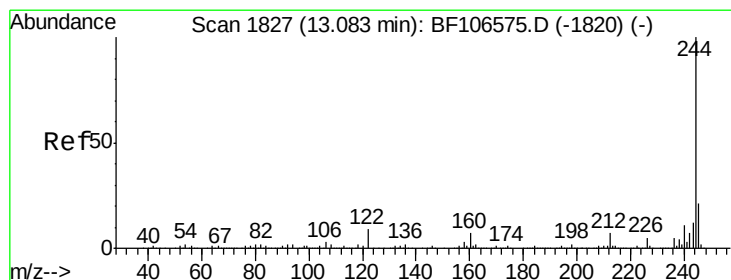
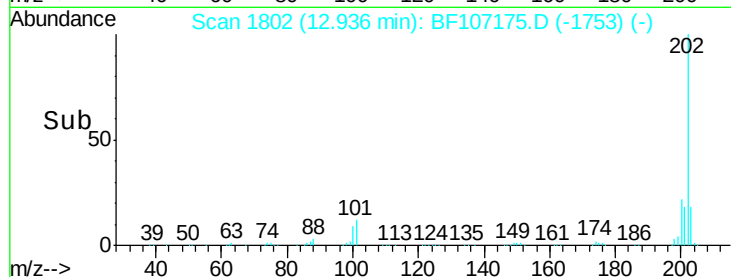
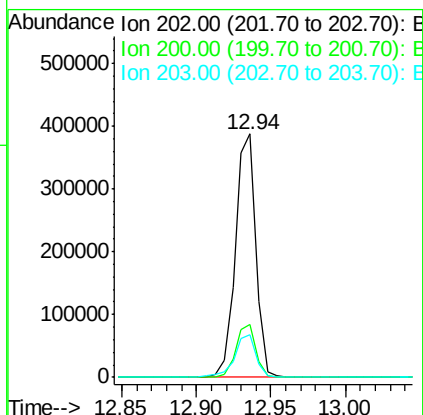
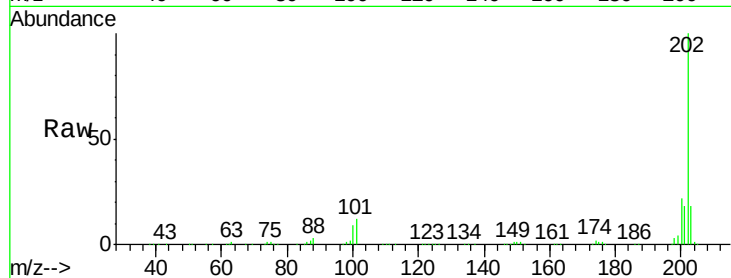




#77
 Pyrene
 Concen: 34.577 ng
 RT: 12.94 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

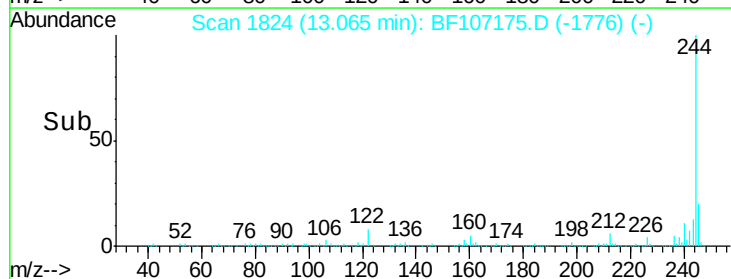
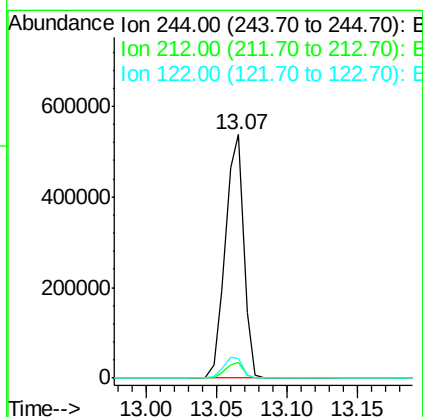
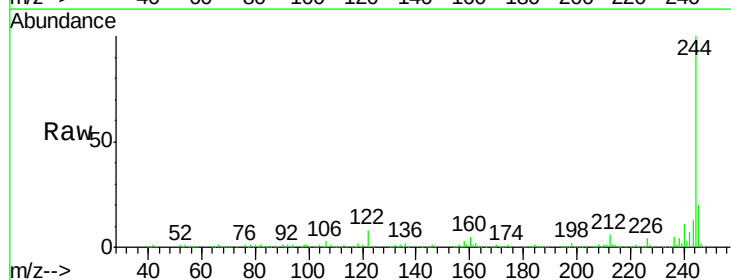
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

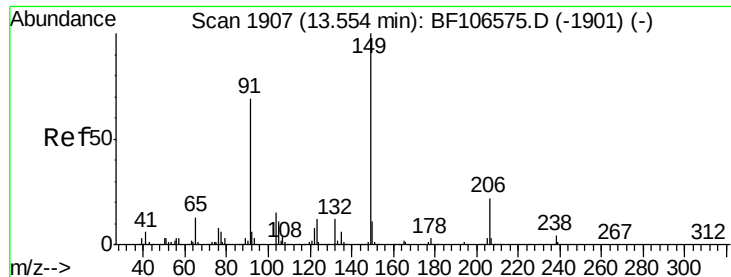
Tgt Ion: 202 Resp: 373278
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.4 26.2
 203 17.6 14.3 21.5



#78
 Terphenyl-d14
 Concen: 72.101 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Tgt Ion: 244 Resp: 487297
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 8.0 11.0 16.4#

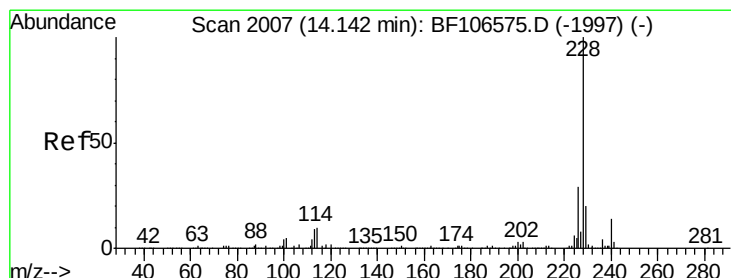
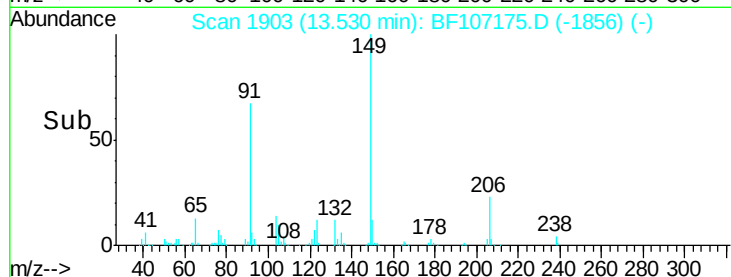
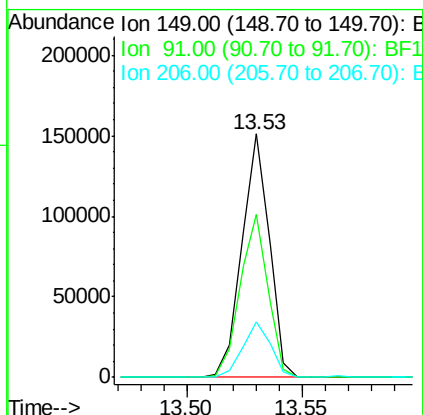
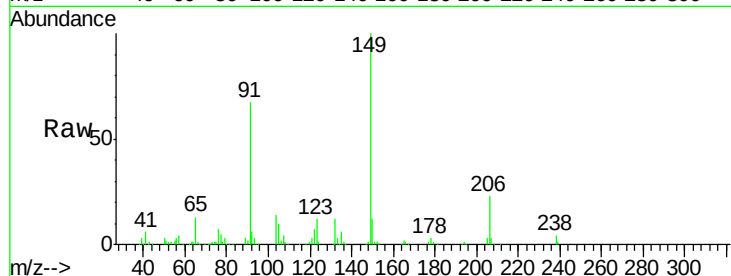




#79
Butylbenzylphthalate
Concen: 28.337 ng
RT: 13.53 min Scan# 1903
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

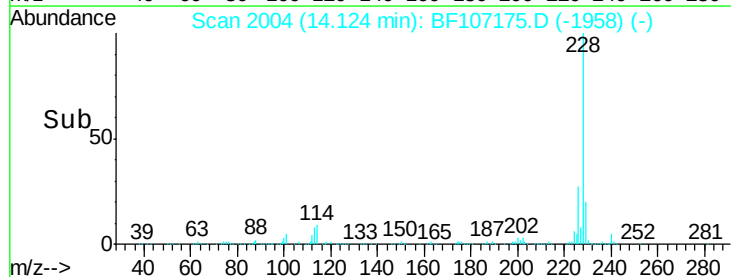
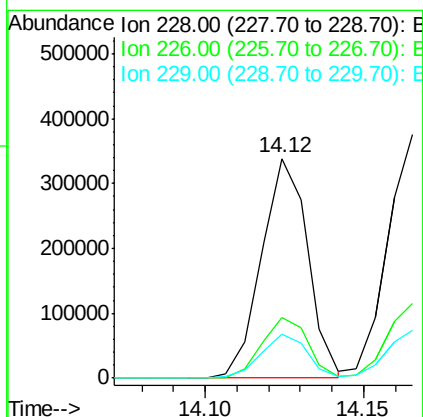
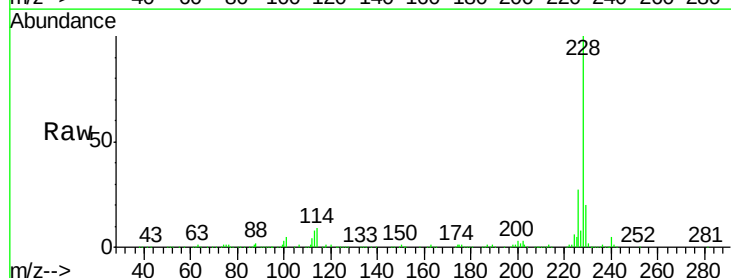
Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMSD

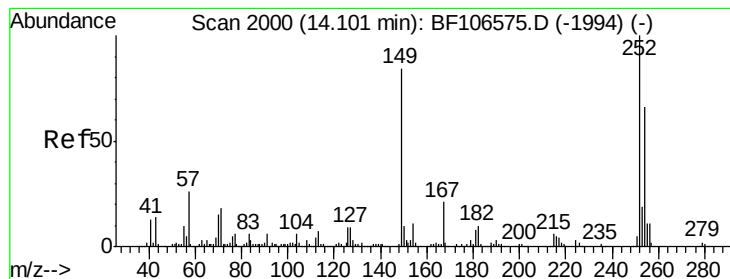
Tgt Ion:149 Resp: 125778
Ion Ratio Lower Upper
149 100
91 67.2 56.8 85.2
206 22.6 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 34.397 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Tgt Ion:228 Resp: 343209
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 20.1 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 24.150 ng

RT: 14.08 min Scan# 1997

Delta R.T. -0.03 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMSD

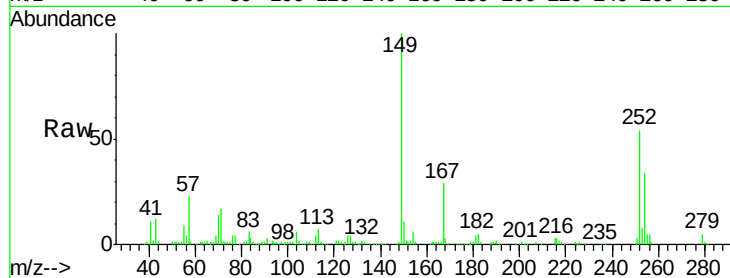
Tgt Ion:252 Resp: 84689

Ion Ratio Lower Upper

252 100

254 62.8 50.4 75.6

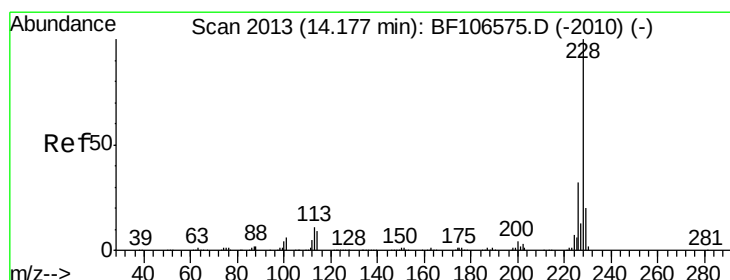
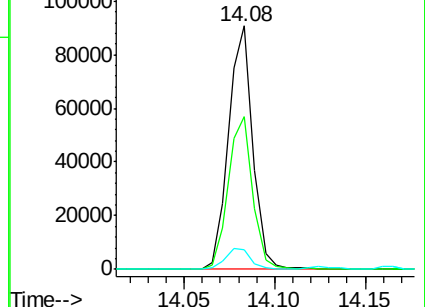
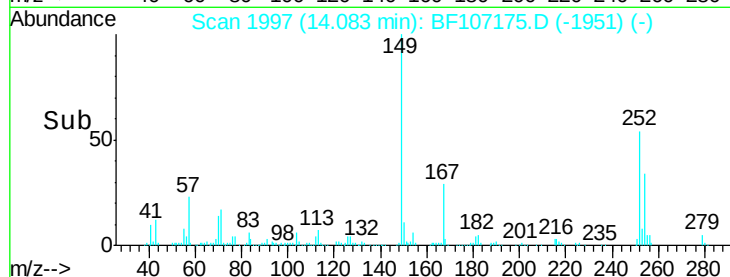
126 8.0 11.3 16.9#



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: 35.076 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.03 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

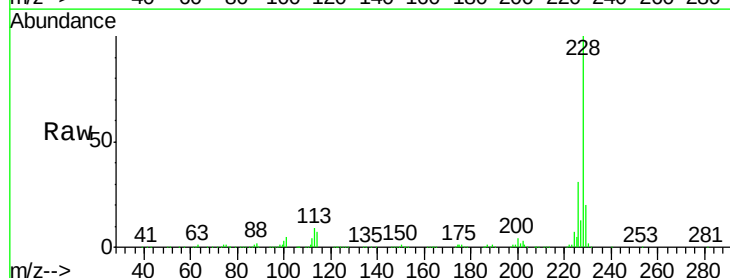
Tgt Ion:228 Resp: 321983

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

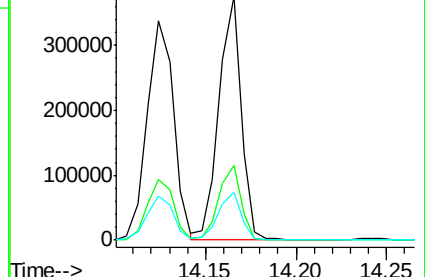
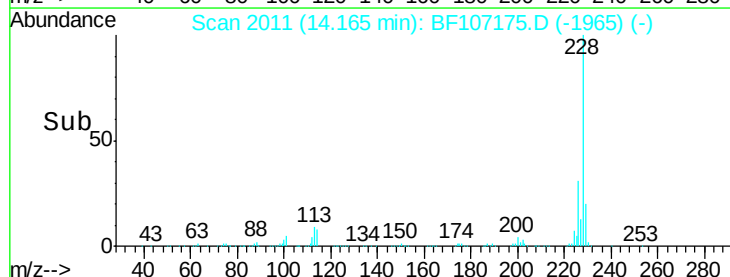
229 19.5 16.2 24.4

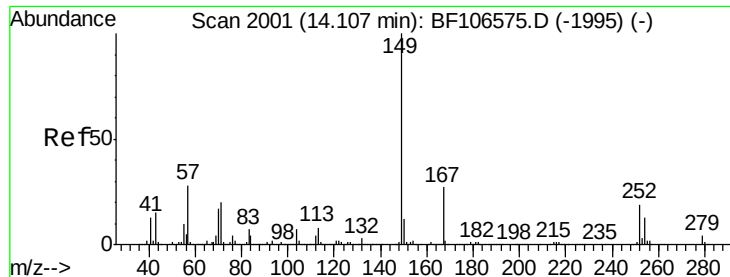


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 28.313 ng

RT: 14.08 min Scan# 1996

Delta R.T. -0.04 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMSD

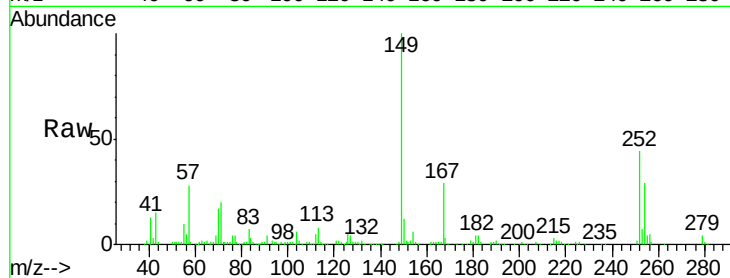
Tgt Ion:149 Resp: 160667

Ion Ratio Lower Upper

149 100

167 28.6 21.3 31.9

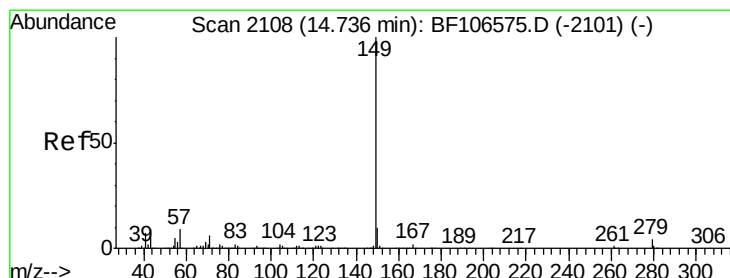
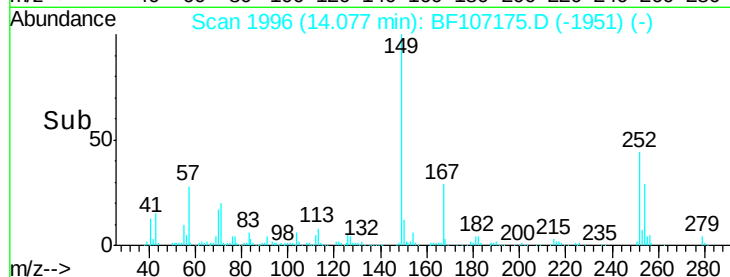
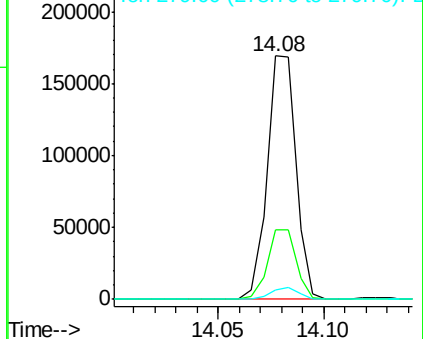
279 3.9 3.0 4.4



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: 31.499 ng

RT: 14.71 min Scan# 2103

Delta R.T. -0.06 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

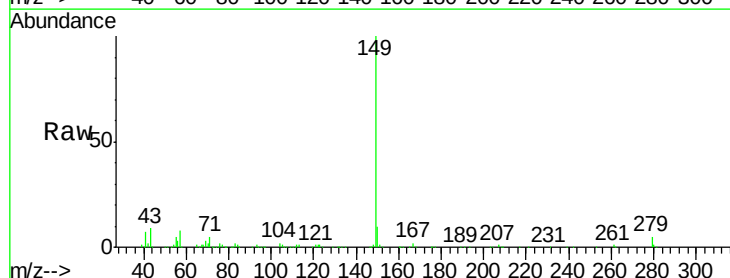
Tgt Ion:149 Resp: 291367

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

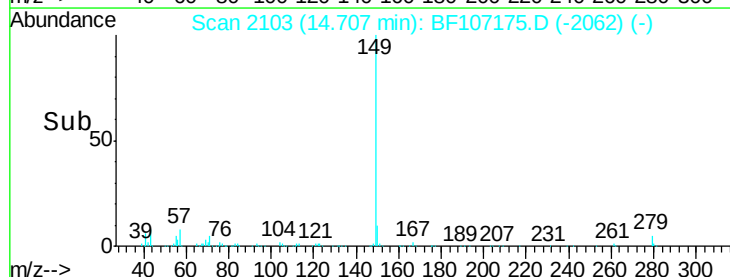
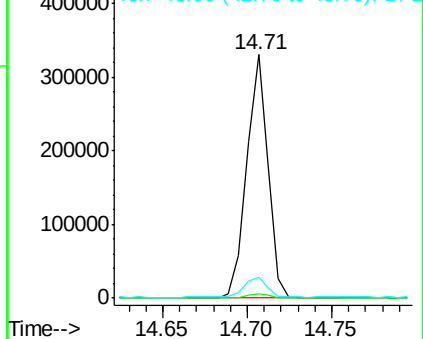
43 8.7 8.4 12.6

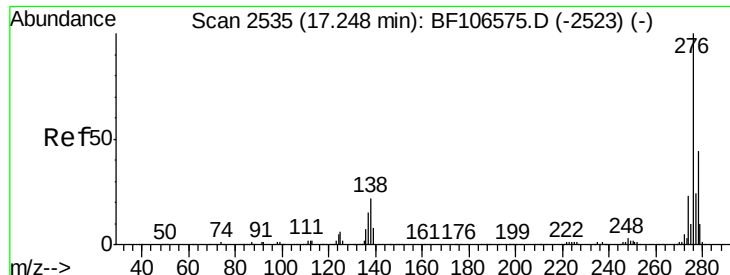


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

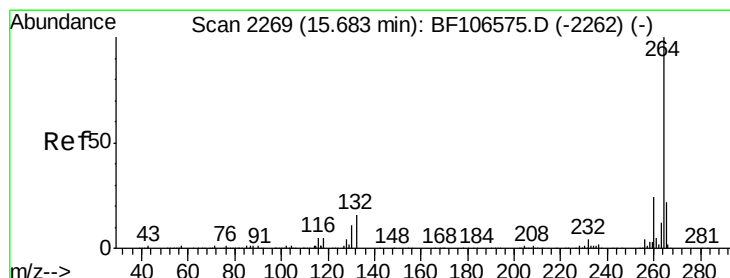
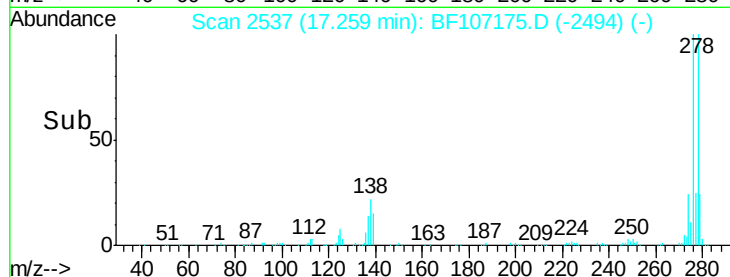
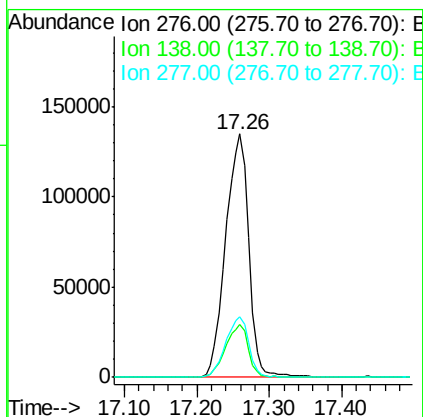
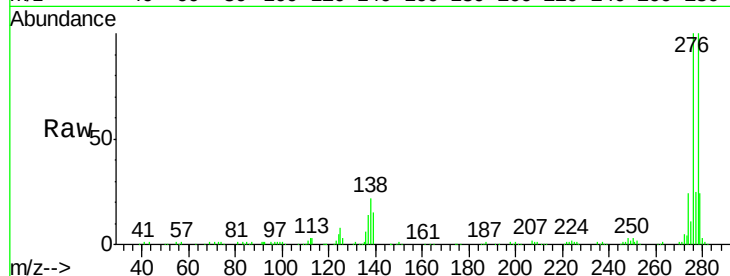




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.471 ng
 RT: 17.26 min Scan# 2537
 Delta R.T. -0.05 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

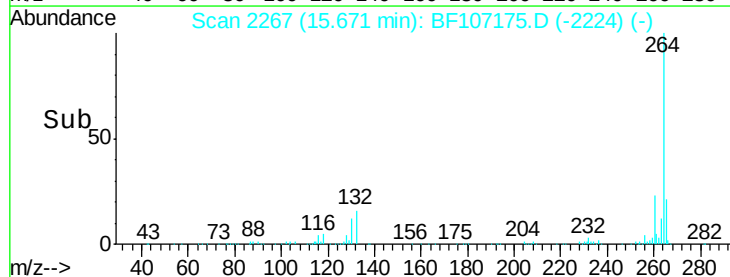
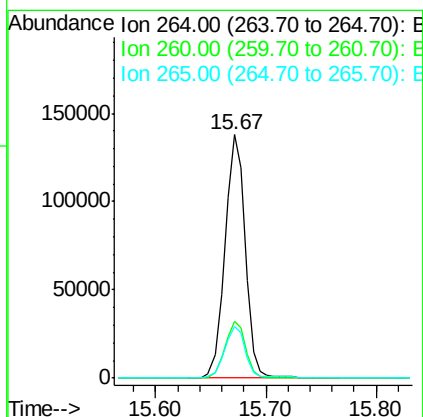
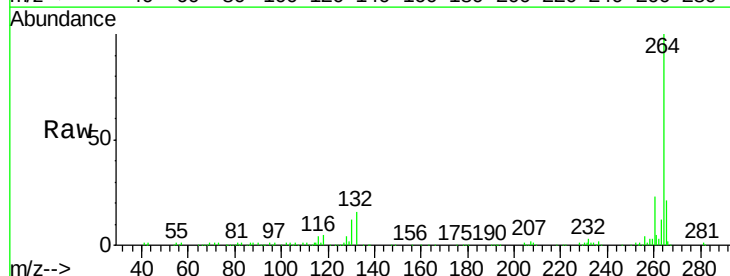
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

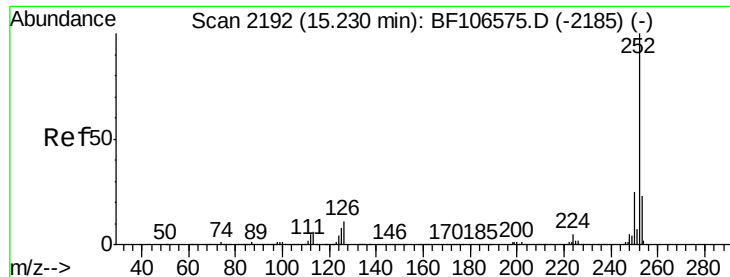
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.3	25.0	37.6#
277	25.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.05 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.4	17.5	26.3

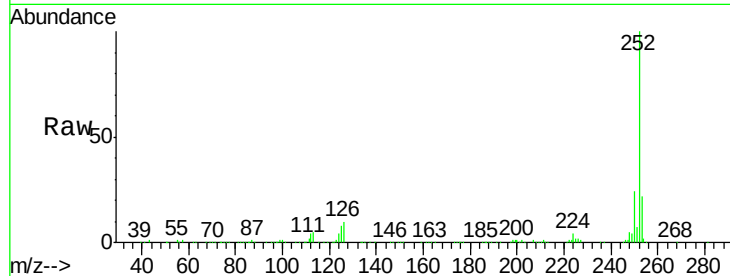




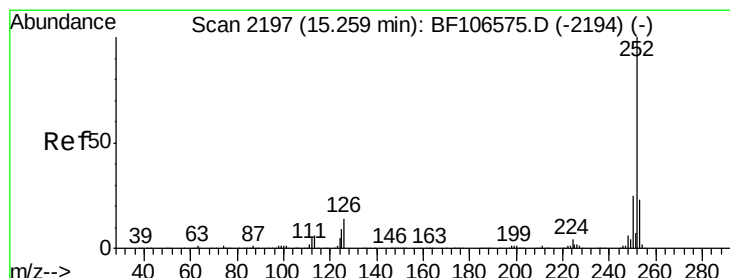
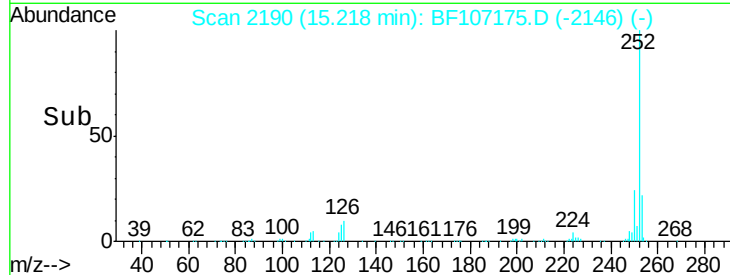
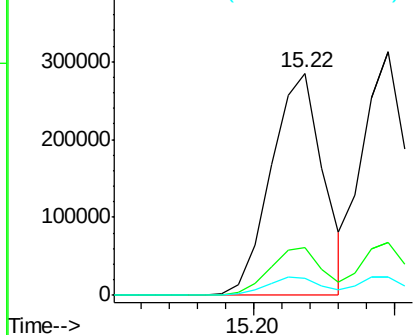
#87
Benzo(b)fluoranthene
Concen: 32.934 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMSD

Tgt Ion:252 Resp: 364447
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 7.9 9.0 13.6#

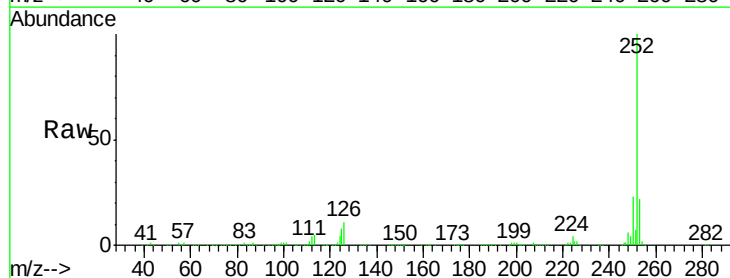


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

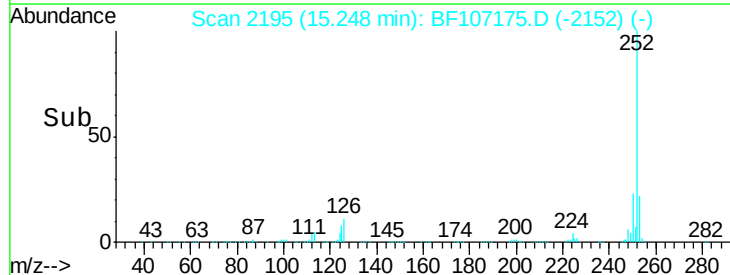
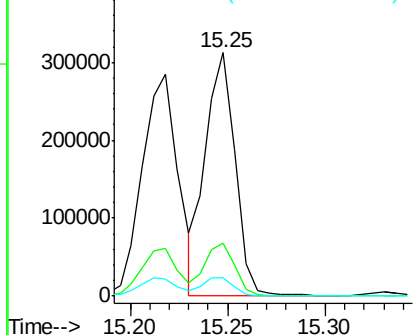


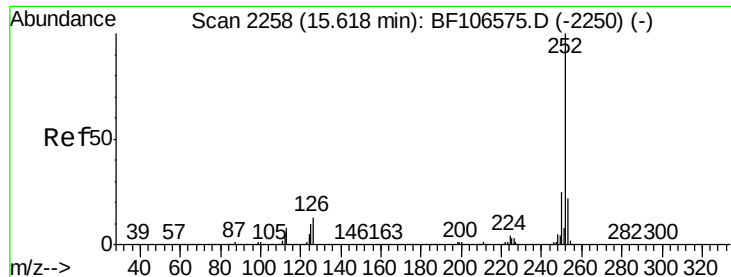
#88
Benzo(k)fluoranthene
Concen: 31.376 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.05 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Tgt Ion:252 Resp: 330636
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 7.7 10.2 15.2#



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





#89

Benzo(a)pyrene

Concen: 34.533 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.04 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMSD

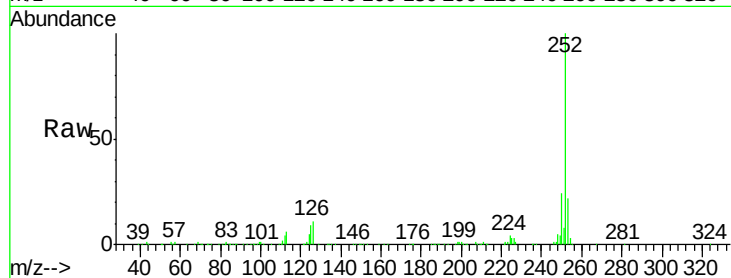
Tgt Ion:252 Resp: 339712

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

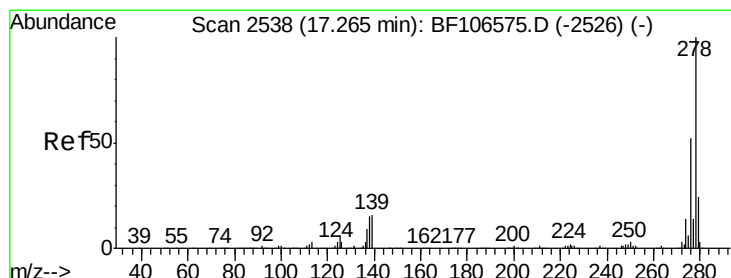
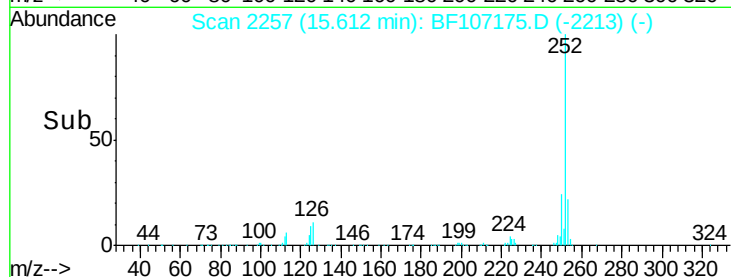
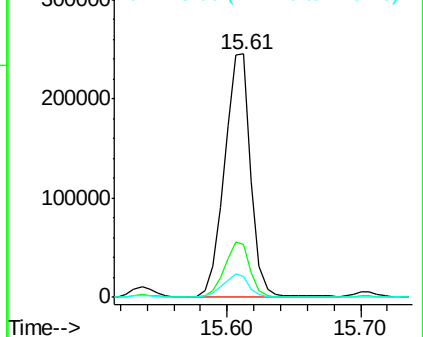
125 8.7 9.8 14.6#



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: 29.877 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.06 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

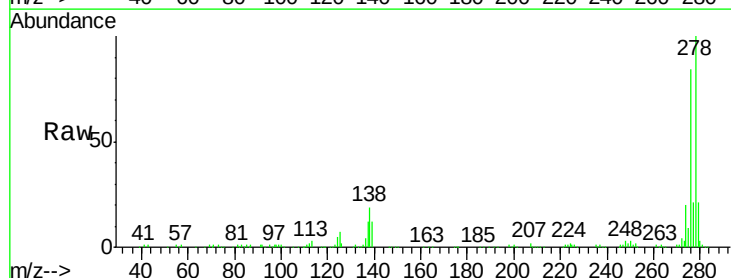
Tgt Ion:278 Resp: 249088

Ion Ratio Lower Upper

278 100

139 12.3 15.9 23.9#

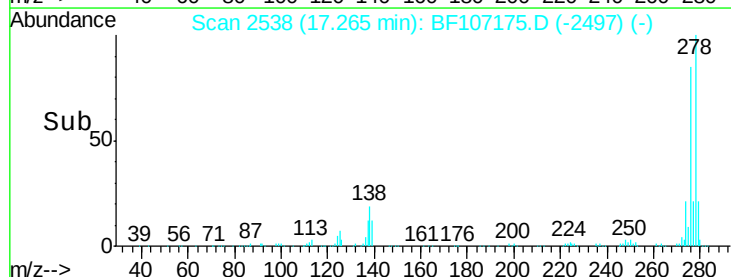
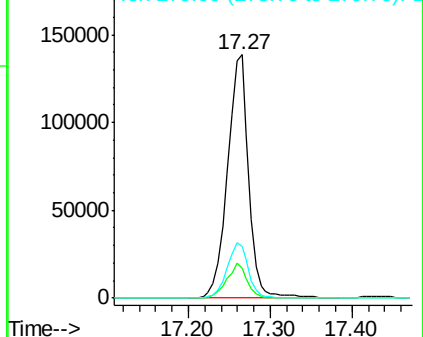
279 21.4 19.0 28.4

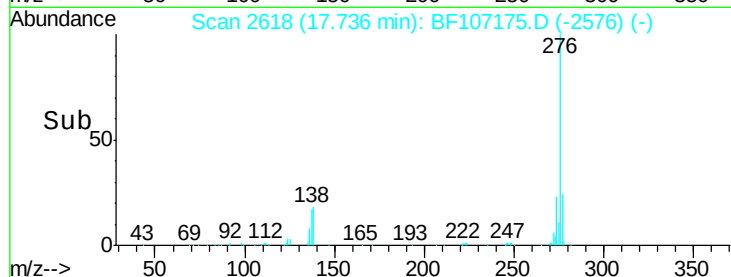
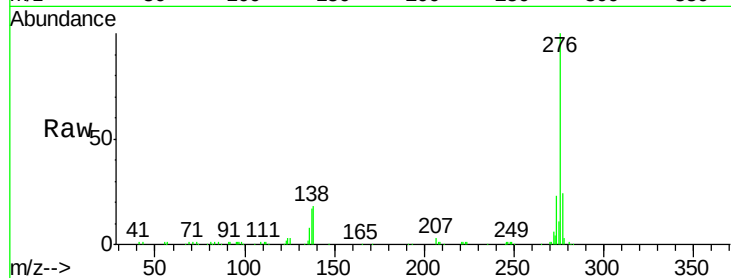
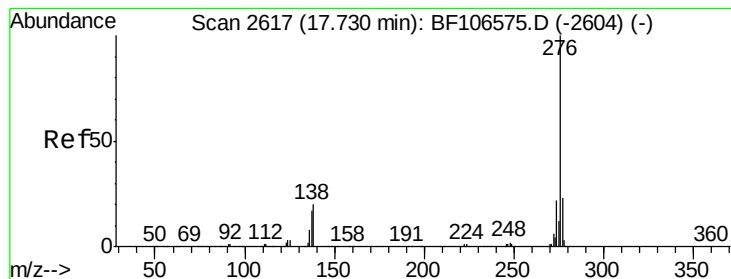


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 29.082 ng

RT: 17.74 min Scan# 2618

Delta R.T. -0.05 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMSD

Tgt Ion:276 Resp: 236985

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 18.4 21.8 32.8#

