

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
 Data File : BF107174.D
 Acq On : 6 Jul 2018 15:53
 Operator : JU/SJ
 Sample : J3858-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jul 06 16:25:24 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	61925	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	244070	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	126098	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	226062	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	166001	20.00	ng	-0.03
86) Perylene-d12	15.68	264	183619	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	399800	109.32	ng	0.00
7) Phenol-d6	6.60	99	507284	111.08	ng	-0.02
23) Nitrobenzene-d5	7.51	82	329302	74.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	158616	108.53	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	571608	74.99	ng	-0.02
78) Terphenyl-d14	13.07	244	527925	77.04	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.85	88	54113	28.782	ng	97
3) Pyridine	3.63	79	148989	29.219	ng	99
4) n-Nitrosodimethylamine	3.59	42	63704	29.415	ng	85
6) Aniline	6.61	93	100268	16.185	ng	# 1
8) 2-Chlorophenol	6.74	128	143999	35.900	ng	97
9) Benzaldehyde	6.50	77	66111	18.374	ng	99
10) Phenol	6.61	94	187844	36.041	ng	87
11) bis(2-Chloroethyl)ether	6.68	93	142618	33.146	ng	98
12) 1,3-Dichlorobenzene	6.88	146	166850	35.516	ng	98
13) 1,4-Dichlorobenzene	6.96	146	166766	35.112	ng	98
14) 1,2-Dichlorobenzene	7.12	146	155515	35.728	ng	96
15) Benzyl Alcohol	7.09	79	122518	33.410	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.21	45	202373	35.848	ng	# 28
17) 2-Methylphenol	7.21	107	122739	35.757	ng	# 90
18) Hexachloroethane	7.45	117	55271	33.092	ng	# 82
19) n-Nitroso-di-n-propylamine	7.35	70	101335	33.662	ng	95
20) 3+4-Methylphenols	7.37	107	163698	43.865	ng	98
22) Acetophenone	7.35	105	202841	37.147	ng	# 99
24) Nitrobenzene	7.53	77	158086	35.257	ng	96
25) Isophorone	7.77	82	285016	36.828	ng	98
26) 2-Nitrophenol	7.85	139	80809	38.177	ng	97
27) 2,4-Dimethylphenol	7.88	122	134442	41.093	ng	97
28) bis(2-Chloroethoxy)methane	7.97	93	180796	34.794	ng	99
29) 2,4-Dichlorophenol	8.10	162	134099	39.150	ng	94
30) 1,2,4-Trichlorobenzene	8.17	180	145256	38.496	ng	97
31) Naphthalene	8.25	128	418059	36.637	ng	99
32) Benzoic acid	8.01	122	38666	20.039	ng	96
33) 4-Chloroaniline	8.30	127	44001	9.190	ng	99
34) Hexachlorobutadiene	8.35	225	93153	37.887	ng	98
35) Caprolactam	8.68	113	26246	23.507	ng	99
36) 4-Chloro-3-methylphenol	8.80	107	135577	37.605	ng	92
37) 2-Methylnaphthalene	8.94	142	307993	40.721	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	160723	37.848	ng	# 96
40) Hexachlorocyclopentadiene	9.08	237	30908	14.146	ng	98

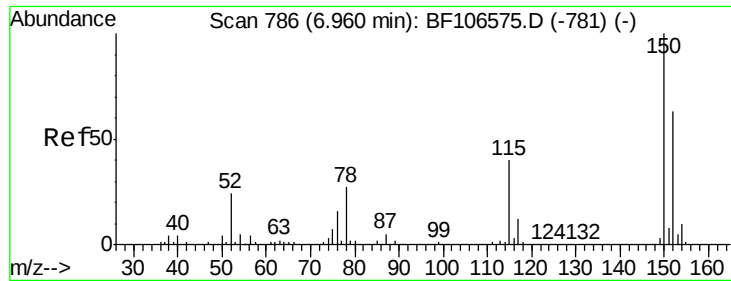
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	92483	32.763	ng	94
43) 2,4,5-Trichlorophenol	9.28	196	95272	32.345	ng	# 87
45) 1,1'-Biphenyl	9.41	154	366073	36.427	ng	99
46) 2-Chloronaphthalene	9.44	162	270469	34.192	ng	95
47) 2-Nitroaniline	9.54	65	85952	32.313	ng	93
48) Acenaphthylene	9.85	152	422241	33.810	ng	99
49) Dimethylphthalate	9.70	163	434314	45.923	ng	98
50) 2,6-Dinitrotoluene	9.78	165	73977	36.939	ng	88
51) Acenaphthene	10.02	154	254730	32.391	ng	98
52) 3-Nitroaniline	9.95	138	38762	16.820	ng	97
53) 2,4-Dinitrophenol	10.07	184	34959	36.681	ng	# 19
54) Dibenzofuran	10.20	168	387757	36.008	ng	97
55) 4-Nitrophenol	10.14	139	54543	33.907	ng	96
56) 2,4-Dinitrotoluene	10.19	165	94003	35.961	ng	# 88
57) Fluorene	10.54	166	303517	35.518	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	79487	33.948	ng	# 76
59) Diethylphthalate	10.40	149	293758	32.182	ng	# 93
60) 4-Chlorophenyl-phenylether	10.52	204	157261	35.172	ng	# 87
61) 4-Nitroaniline	10.57	138	62162	27.179	ng	93
62) Azobenzene	10.69	77	281265	31.290	ng	90
64) 4,6-Dinitro-2-methylphenol	10.60	198	38081	27.252	ng	73
65) n-Nitrosodiphenylamine	10.65	169	262240	34.489	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	105142	38.971	ng	# 77
67) Hexachlorobenzene	11.09	284	106853	37.841	ng	# 84
68) Atrazine	11.17	200	89800	37.150	ng	94
69) Pentachlorophenol	11.30	266	45651	32.401	ng	99
70) Phenanthrene	11.51	178	405837	37.221	ng	99
71) Anthracene	11.56	178	414437	37.239	ng	100
72) Carbazole	11.72	167	345402	33.149	ng	98
73) Di-n-butylphthalate	12.02	149	400505	32.627	ng	99
74) Fluoranthene	12.70	202	373669	31.093	ng	96
76) Benzidine	12.82	184	131306	27.774	ng	97
77) Pyrene	12.94	202	367643	33.585	ng	99
79) Butylbenzylphthalate	13.53	149	130723	29.045	ng	# 97
80) Benzo(a)anthracene	14.13	228	359574	35.541	ng	99
81) 3,3'-Dichlorobenzidine	14.08	252	93232	26.220	ng	# 97
82) Chrysene	14.17	228	335612	36.057	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	166786	28.986	ng	# 98
84) Di-n-octyl phthalate	14.71	149	321321	34.259	ng	96
85) Indeno(1,2,3-cd)pyrene	17.26	276	327553	41.468	ng	# 90
87) Benzo(b)fluoranthene	15.22	252	413955	36.292	ng	# 96
88) Benzo(k)fluoranthene	15.25	252	340138	31.314	ng	# 96
89) Benzo(a)pyrene	15.61	252	366488	36.143	ng	# 96
90) Dibenzo(a,h)anthracene	17.27	278	276573	32.184	ng	# 93
91) Benzo(g,h,i)perylene	17.74	276	259690	30.918	ng	# 90

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

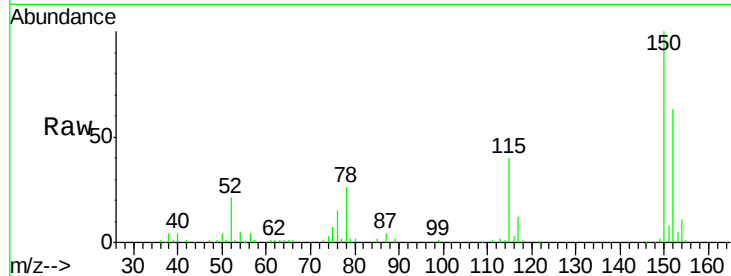


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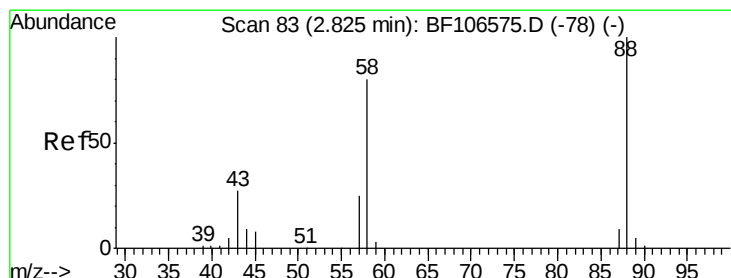
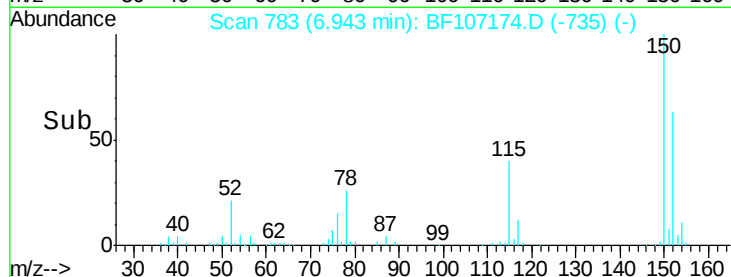
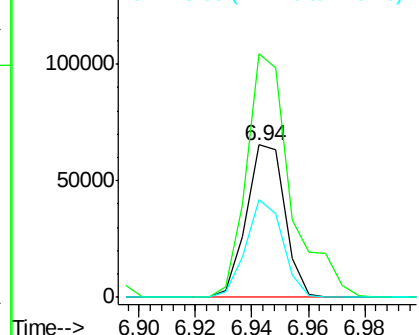
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107174.D
Acq: 6 Jul 2018 15:53

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

Tgt Ion:152 Resp: 61925
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 64.0 50.1 75.1



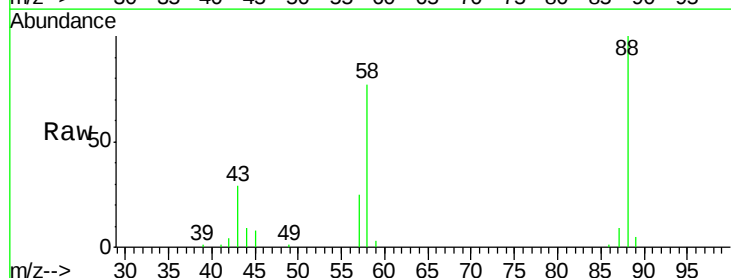
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



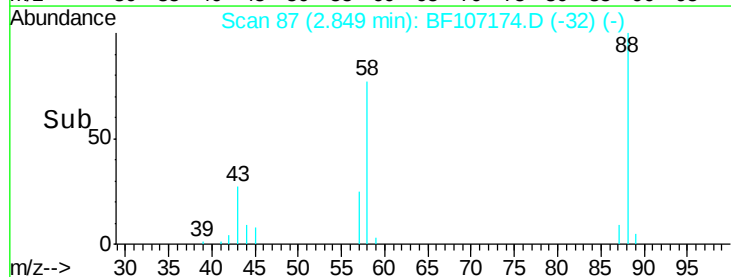
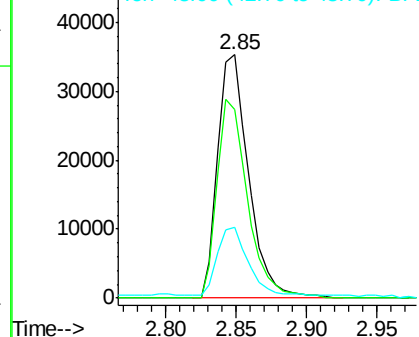
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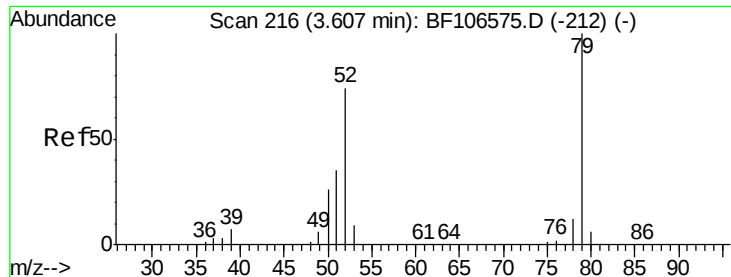
1,4-Dioxane
Concen: 28.782 ng
RT: 2.85 min Scan# 87
Delta R.T. 0.02 min
Lab File: BF107174.D
Acq: 6 Jul 2018 15:53

Tgt Ion: 88 Resp: 54113
Ion Ratio Lower Upper
88 100
58 80.4 62.6 93.8
43 27.7 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: 29.219 ng

RT: 3.63 min Scan# 219

Delta R.T. 0.02 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMS

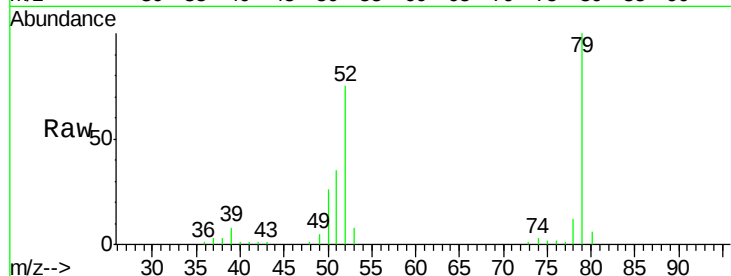
Tgt Ion: 79 Resp: 148989

Ion Ratio Lower Upper

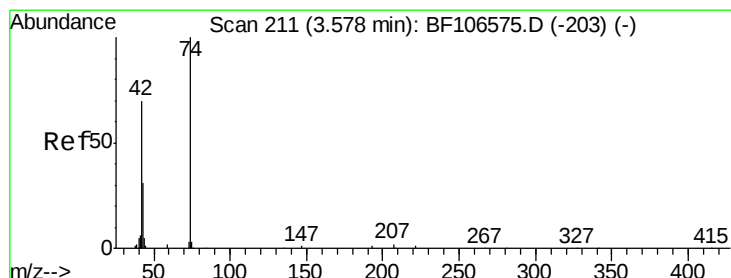
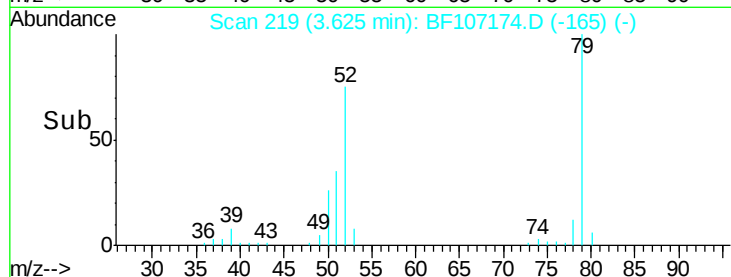
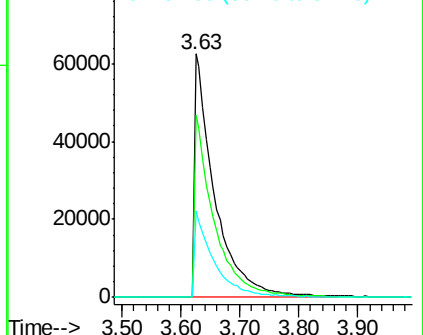
79 100

52 74.9 59.8 89.6

51 35.3 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 29.415 ng

RT: 3.59 min Scan# 213

Delta R.T. 0.00 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

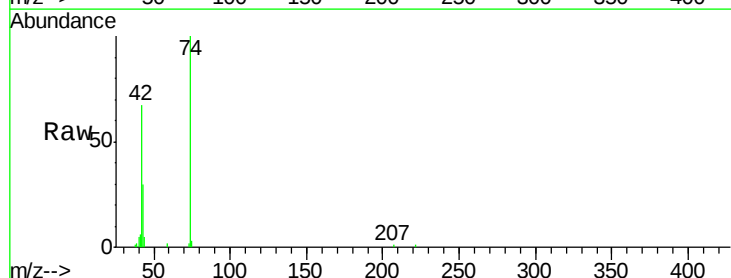
Tgt Ion: 42 Resp: 63704

Ion Ratio Lower Upper

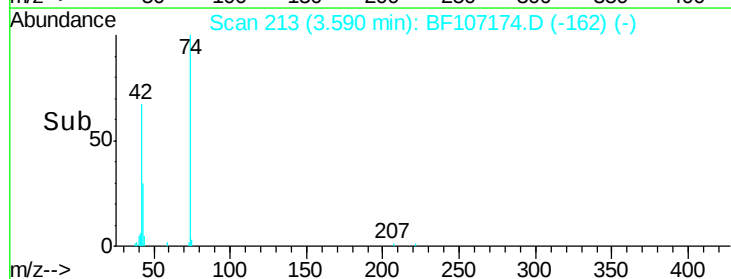
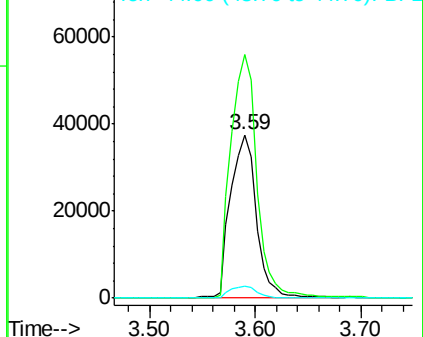
42 100

74 149.0 104.9 157.3

44 7.1 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 109.324 ng

RT: 5.60 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMS

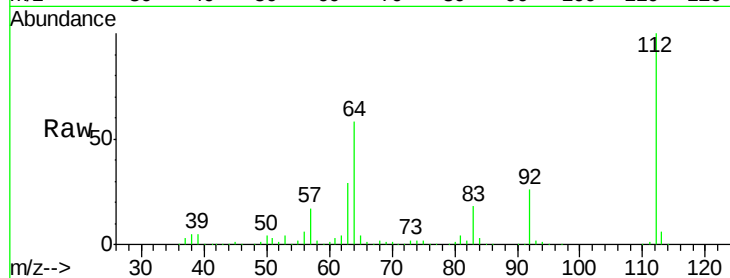
Tgt Ion: 112 Resp: 399800

Ion Ratio Lower Upper

112 100

64 57.8 47.9 71.9

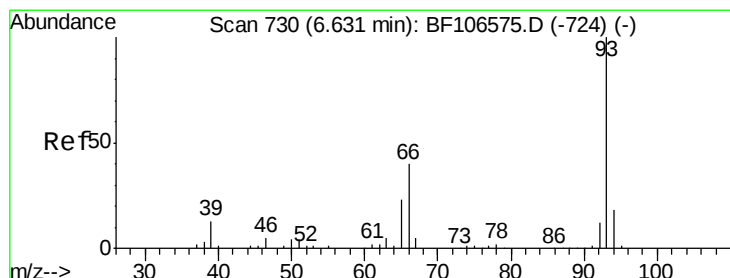
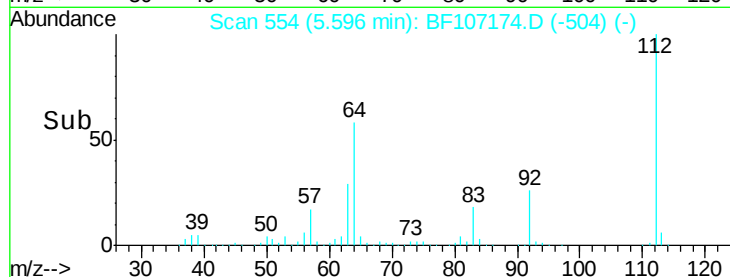
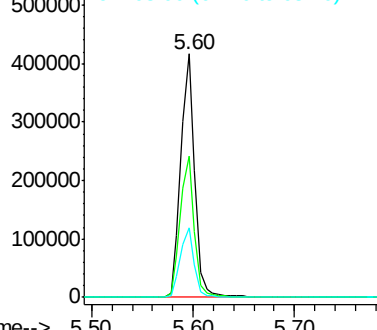
63 28.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.185 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

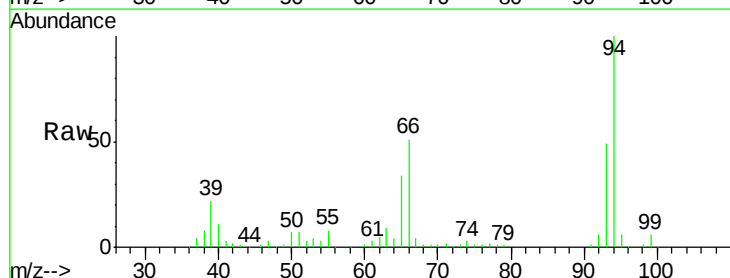
Tgt Ion: 93 Resp: 100268

Ion Ratio Lower Upper

93 100

66 102.8 32.2 48.2#

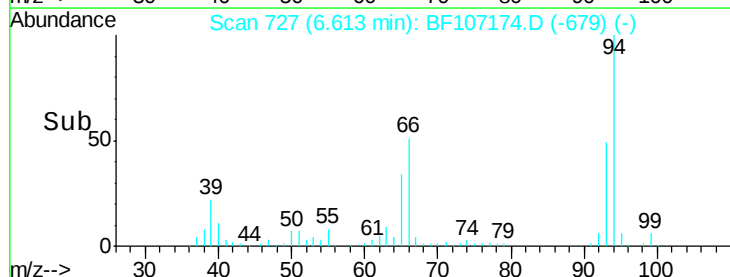
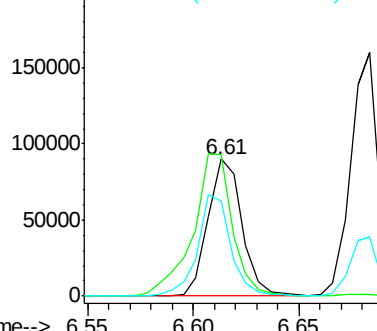
65 69.2 16.4 24.6#

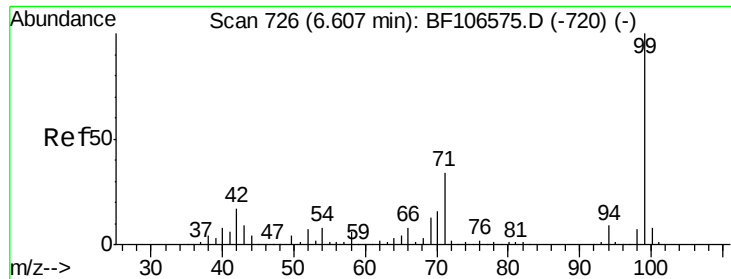


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.078 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

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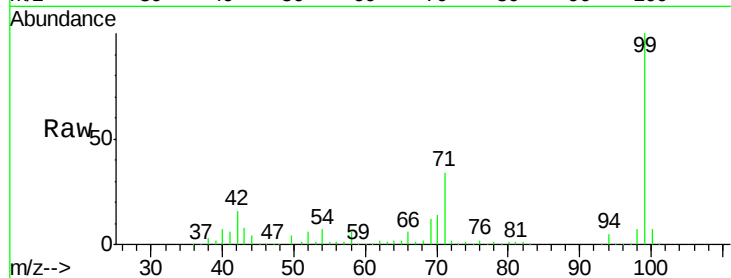
Tgt Ion: 99 Resp: 507284

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

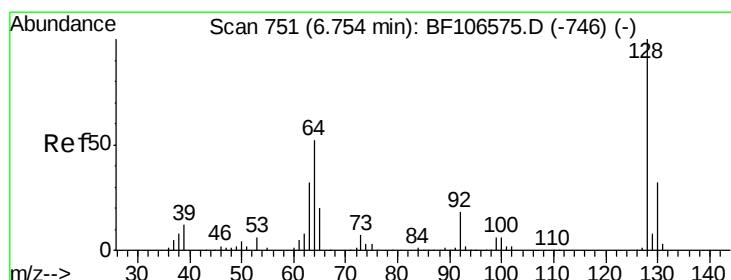
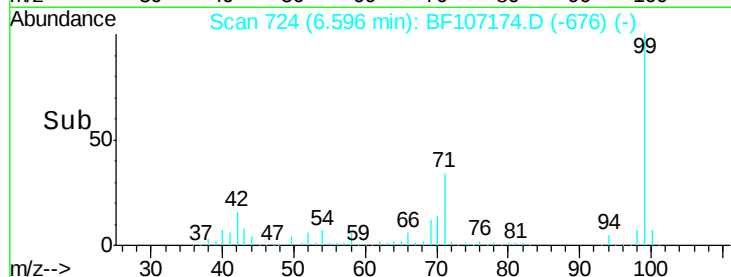
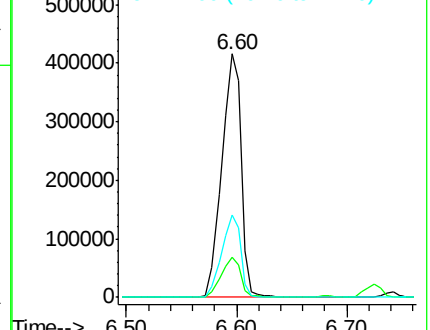
71 33.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.900 ng

RT: 6.74 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

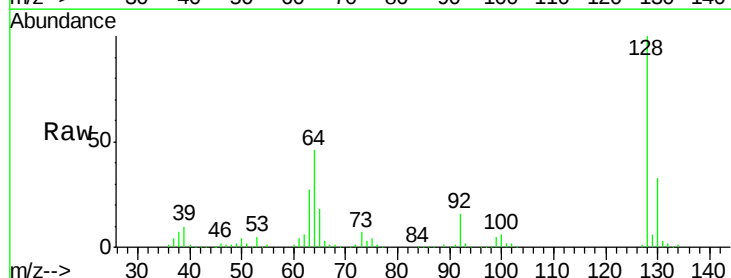
Tgt Ion: 128 Resp: 143999

Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

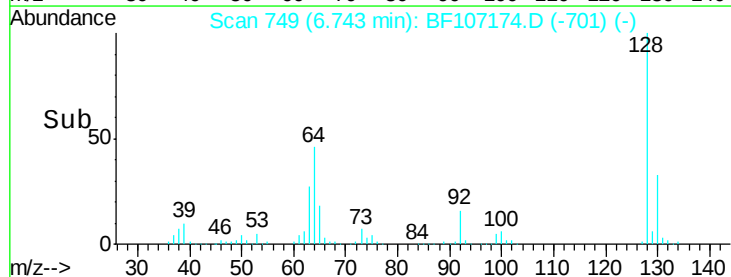
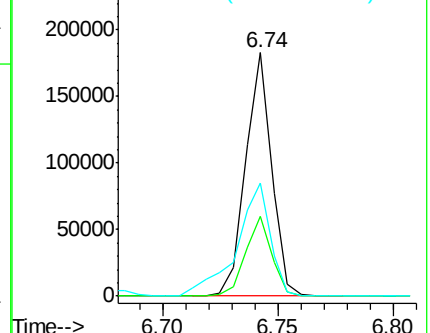
64 46.4 29.4 69.4

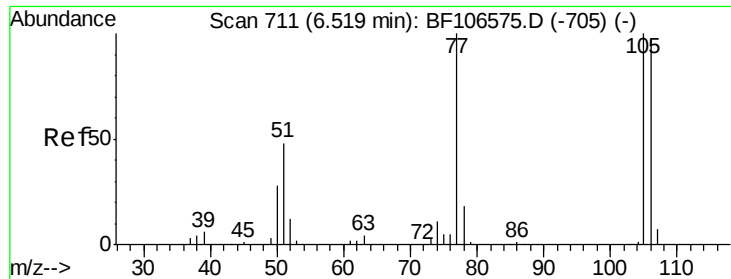


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 18.374 ng

RT: 6.50 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

Instrument :

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FK-GF-03-005-AMS

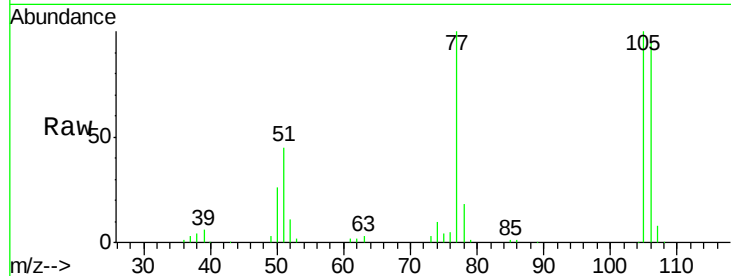
Tgt Ion: 77 Resp: 66111

Ion Ratio Lower Upper

77 100

105 100.0 81.1 121.1

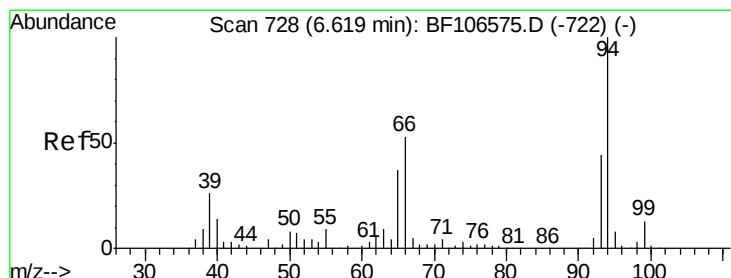
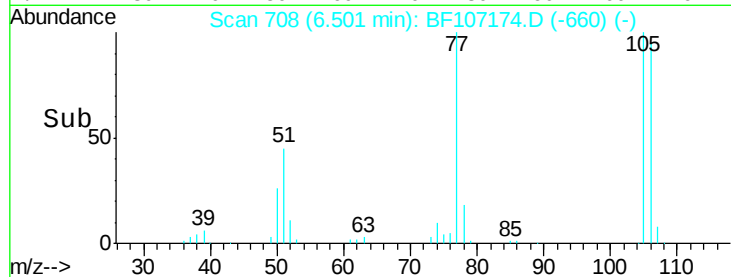
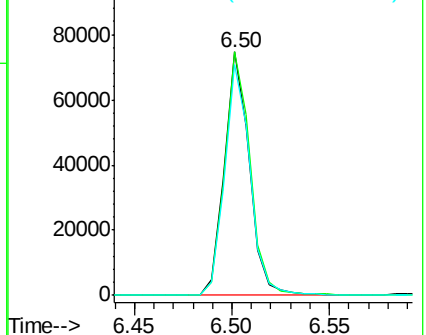
106 95.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.041 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

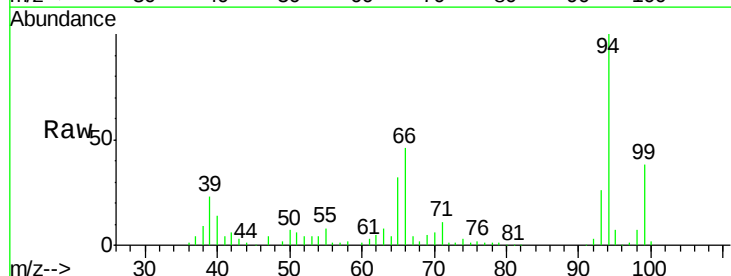
Tgt Ion: 94 Resp: 187844

Ion Ratio Lower Upper

94 100

65 32.4 7.9 47.9

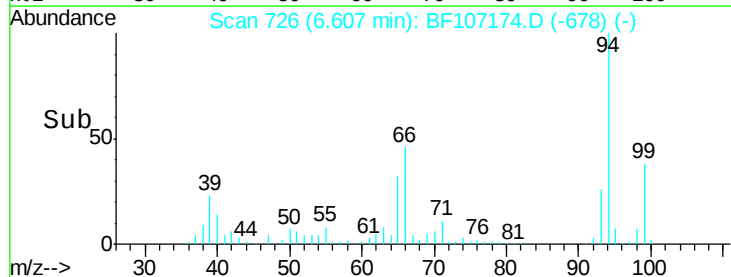
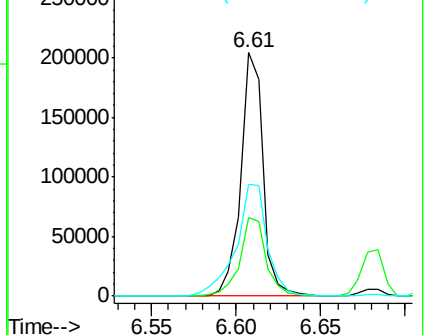
66 46.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 33.146 ng

RT: 6.68 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMS

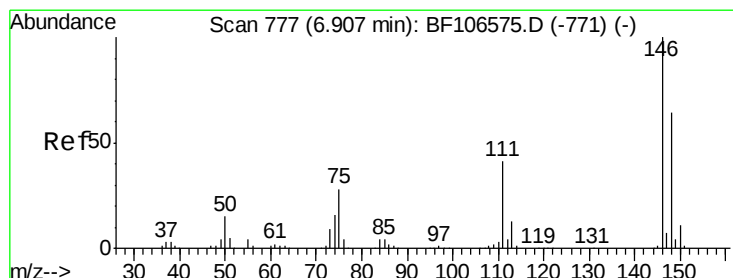
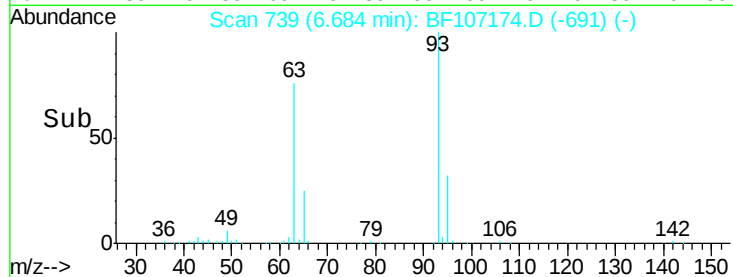
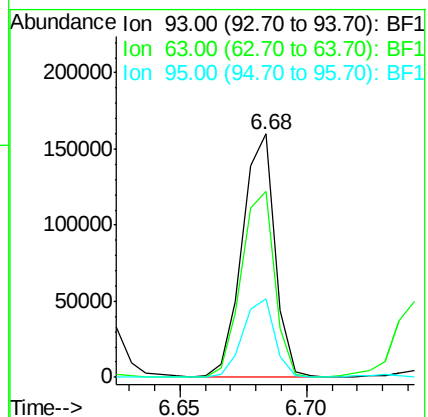
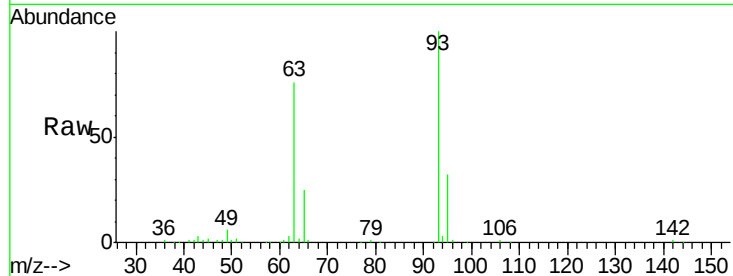
Tgt Ion: 93 Resp: 142618

Ion Ratio Lower Upper

93 100

63 76.3 58.6 98.6

95 32.5 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 35.516 ng

RT: 6.88 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

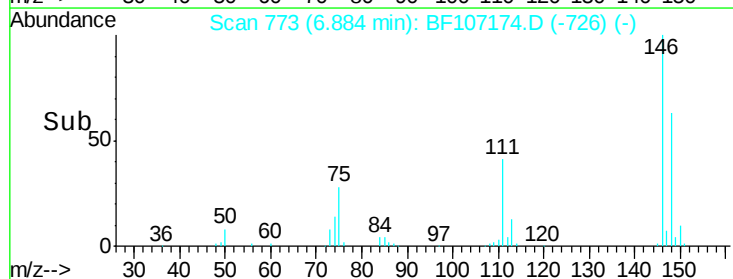
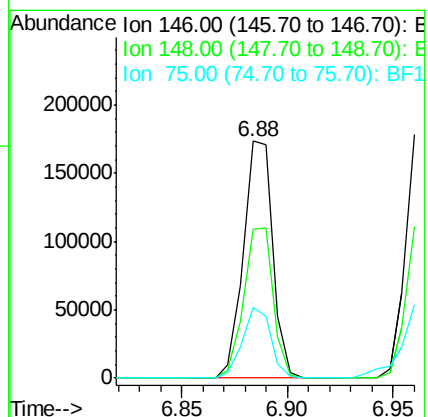
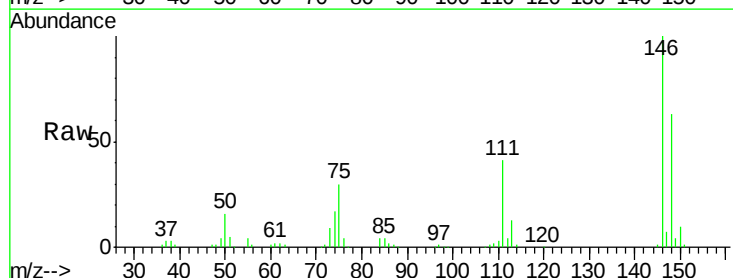
Tgt Ion: 146 Resp: 166850

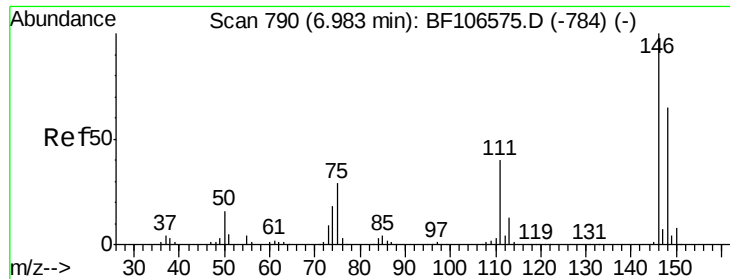
Ion Ratio Lower Upper

146 100

148 62.9 51.8 77.8

75 29.8 24.2 36.4

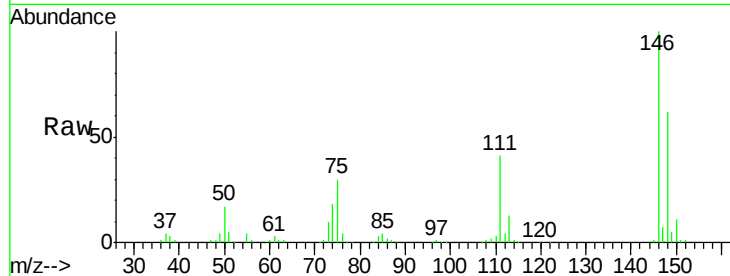




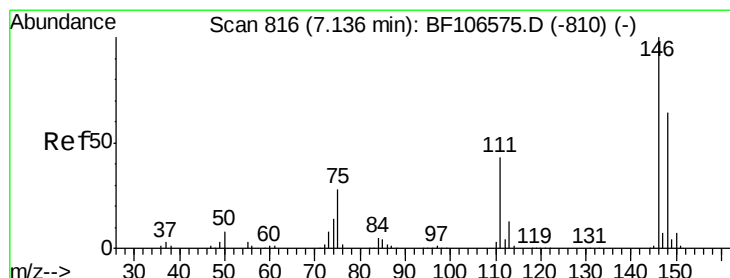
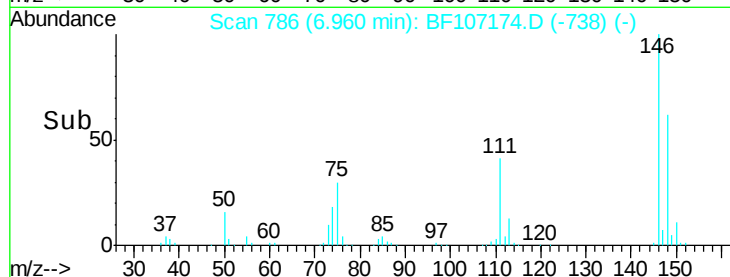
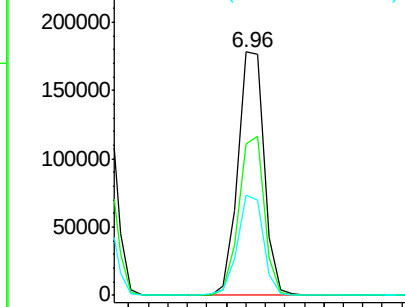
#13
 1,4-Dichlorobenzene
 Concen: 35.112 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

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

Tgt Ion:146 Resp: 166766
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.8 76.2
 111 41.3 34.2 51.2

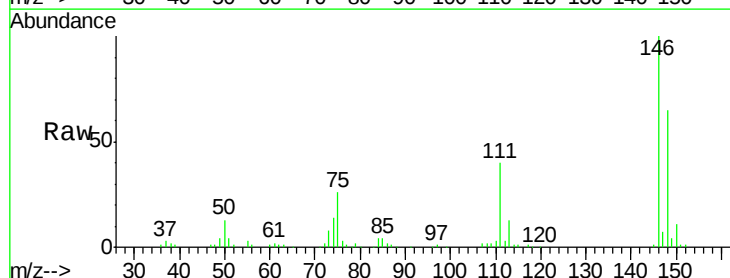


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

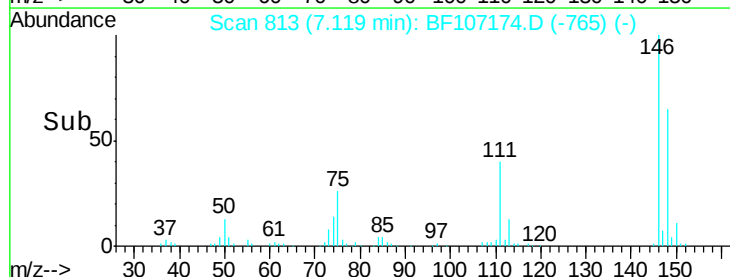
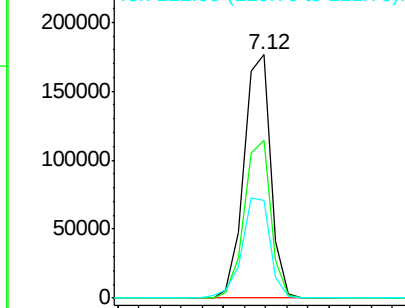


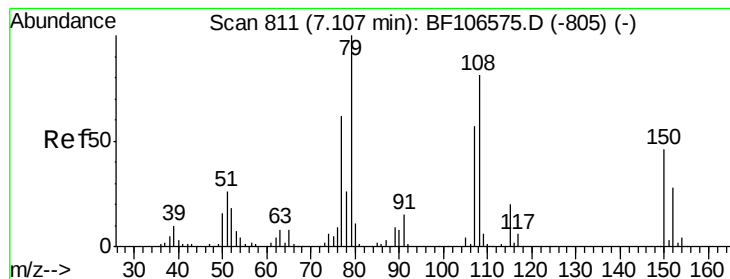
#14
 1,2-Dichlorobenzene
 Concen: 35.728 ng
 RT: 7.12 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

Tgt Ion:146 Resp: 155515
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.6 75.8
 111 40.0 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: 33.410 ng

RT: 7.09 min Scan# 808

Delta R.T. -0.02 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMS

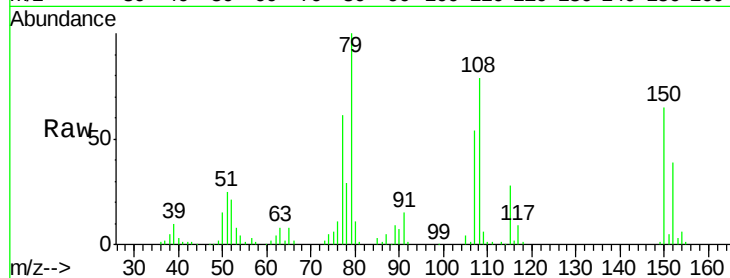
Tgt Ion: 79 Resp: 122518

Ion Ratio Lower Upper

79 100

108 79.0 65.1 97.7

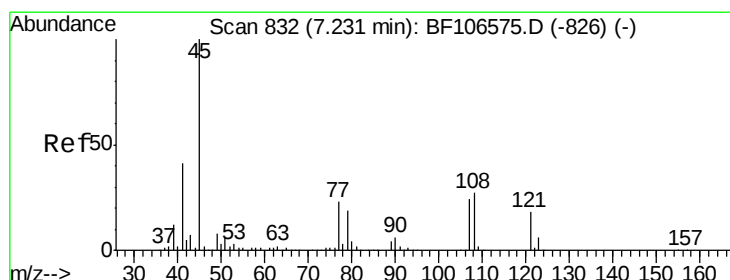
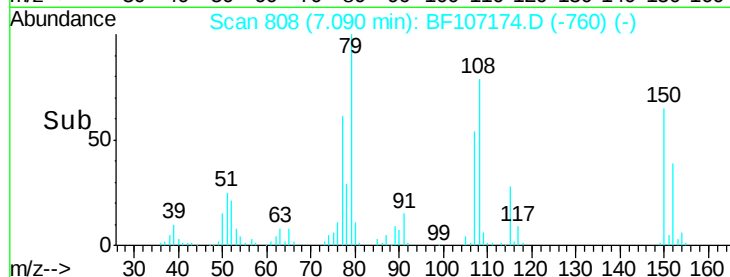
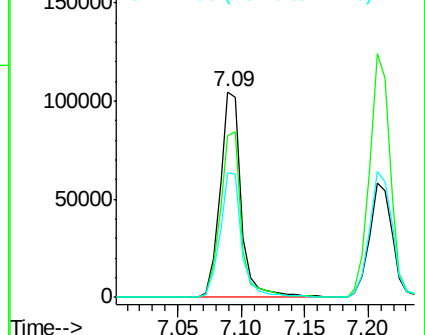
77 60.7 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.848 ng

RT: 7.21 min Scan# 829

Delta R.T. -0.02 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

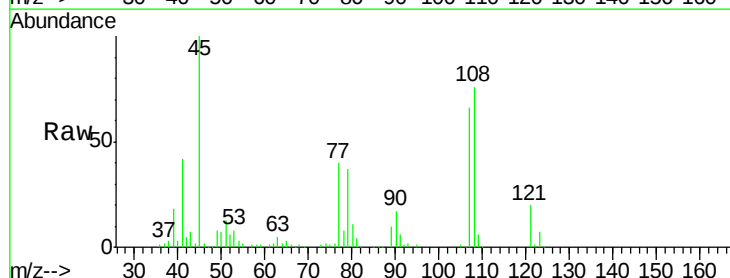
Tgt Ion: 45 Resp: 202373

Ion Ratio Lower Upper

45 100

77 40.3 0.0 32.9#

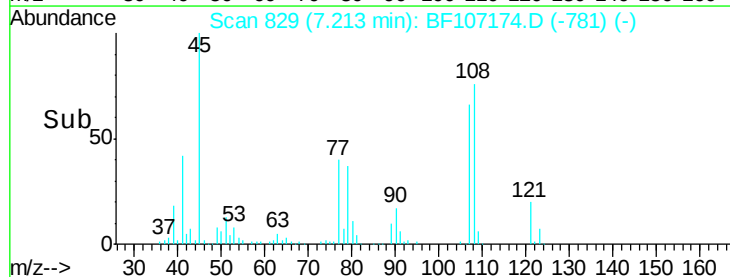
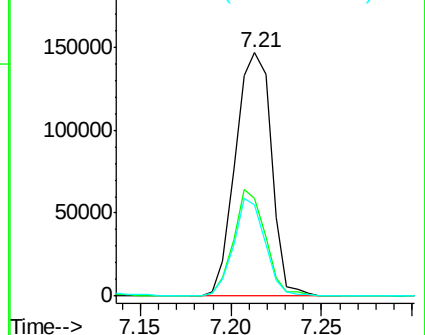
79 37.2 0.0 29.6#

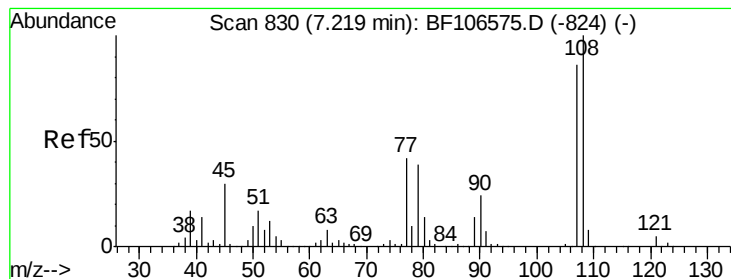


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 35.757 ng

RT: 7.21 min Scan# 828

Delta R.T. -0.02 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMS

Tgt Ion:107 Resp: 122739

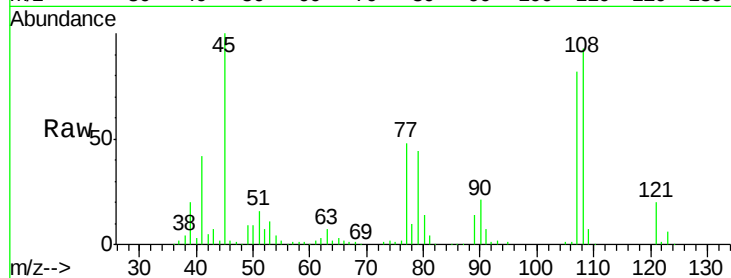
Ion Ratio Lower Upper

107 100

108 113.7 91.7 137.5

77 58.9 33.8 50.8#

79 53.6 33.8 50.8#

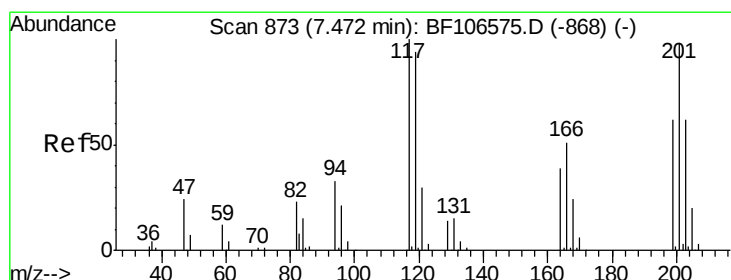
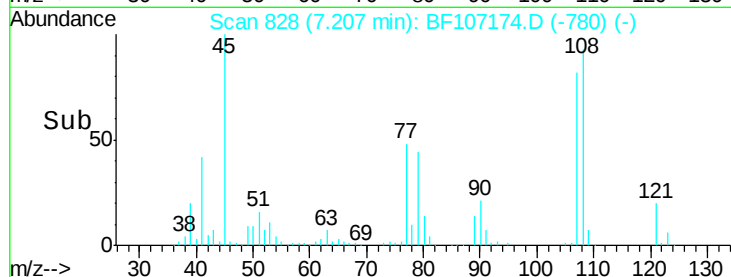
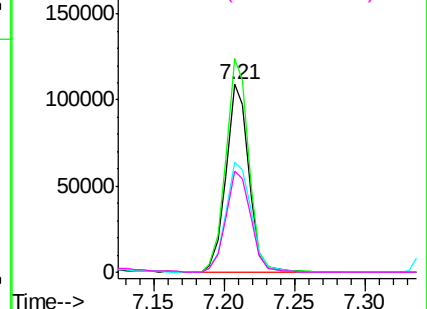


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.092 ng

RT: 7.45 min Scan# 870

Delta R.T. -0.02 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

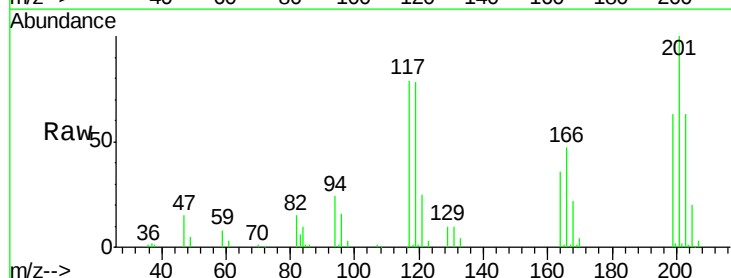
Tgt Ion:117 Resp: 55271

Ion Ratio Lower Upper

117 100

119 98.3 75.8 113.8

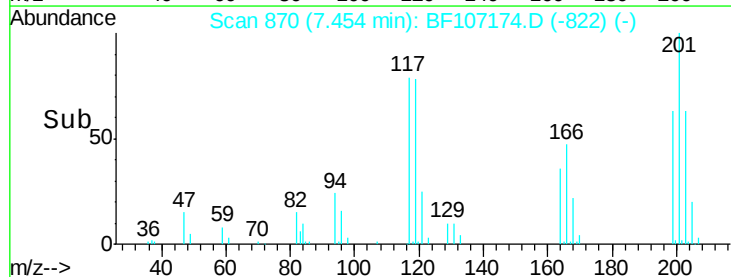
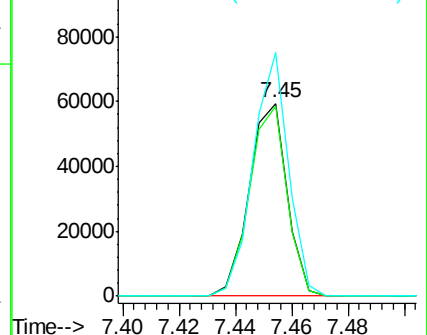
201 126.1 75.7 113.5#

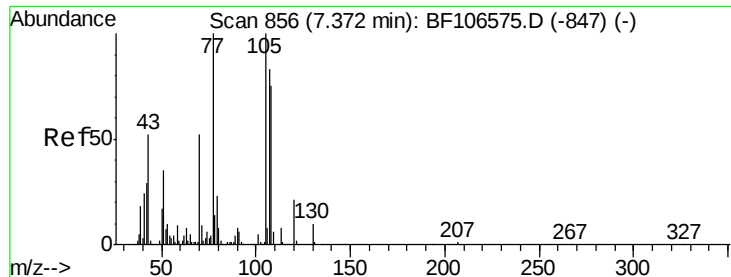


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

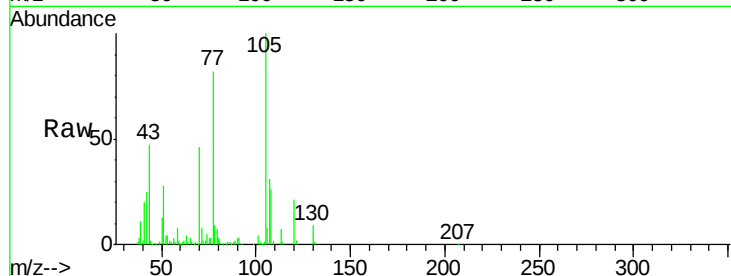




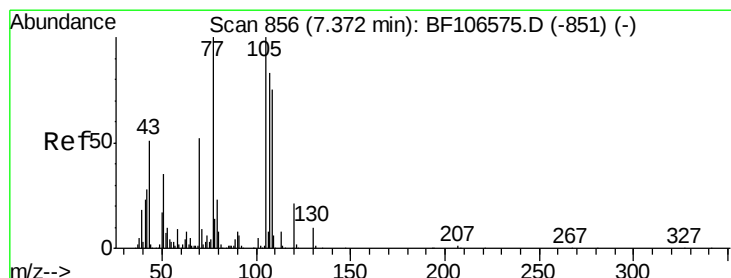
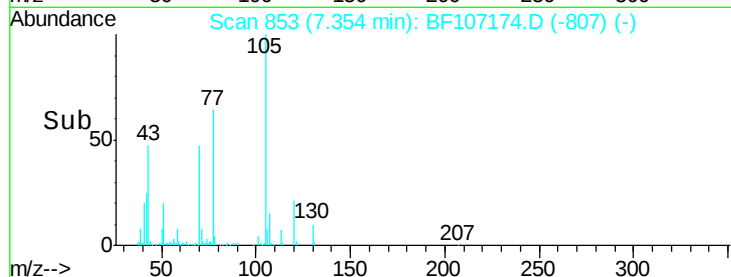
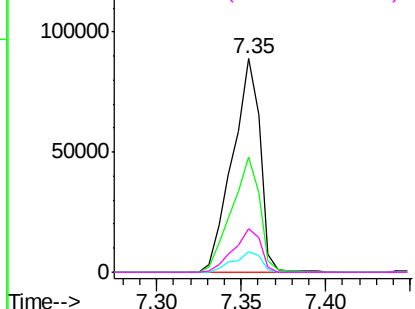
#19
n-Nitroso-di-n-propylamine
Concen: 33.662 ng
RT: 7.35 min Scan# 853
Delta R.T. -0.03 min
Lab File: BF107174.D
Acq: 6 Jul 2018 15:53

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

Tgt Ion:	70	Resp:	101335
Ion	Ratio	Lower	Upper
70	100		
42	53.7	47.5	71.3
101	9.6	7.4	11.2
130	20.4	16.6	25.0

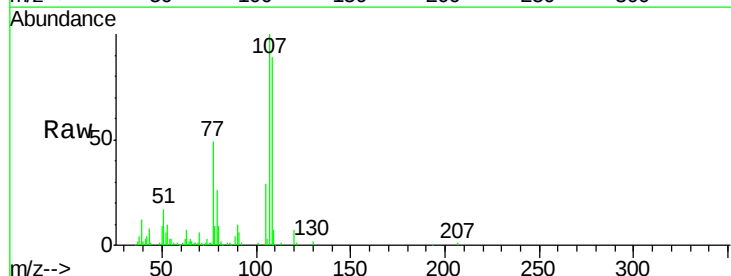


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

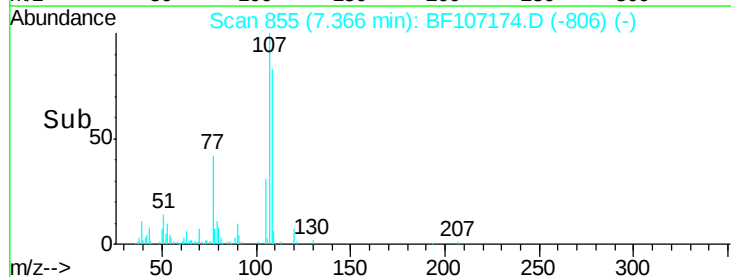
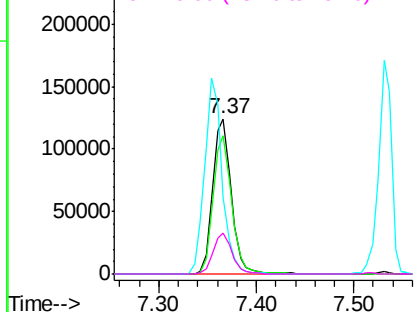


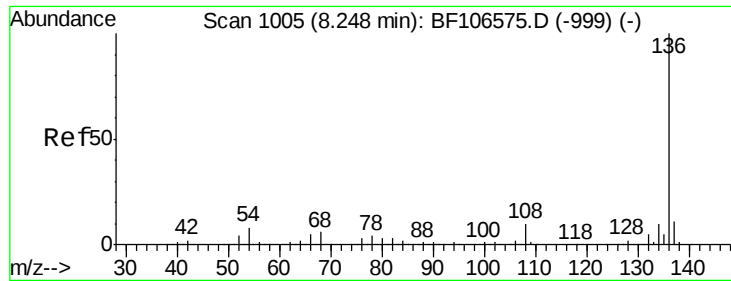
#20
3+4-Methylphenols
Concen: 43.865 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107174.D
Acq: 6 Jul 2018 15:53

Tgt Ion:	107	Resp:	163698
Ion	Ratio	Lower	Upper
107	100		
108	89.2	68.2	108.2
77	49.3	26.7	66.7
79	26.3	6.3	46.3



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

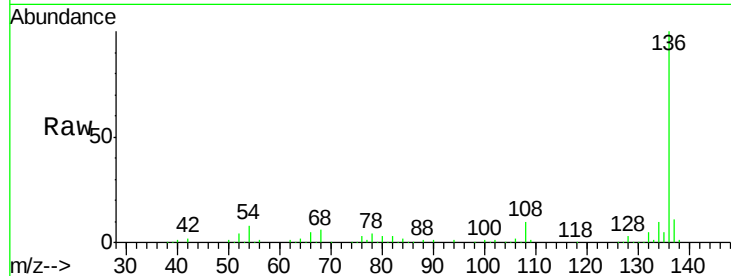




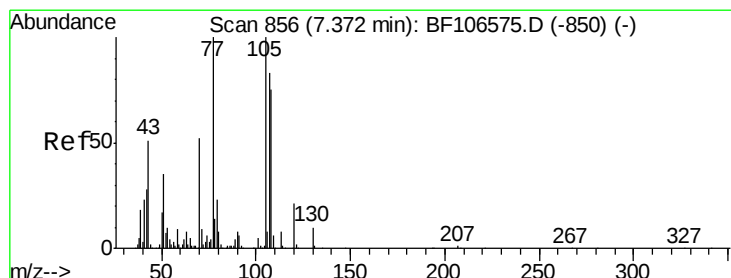
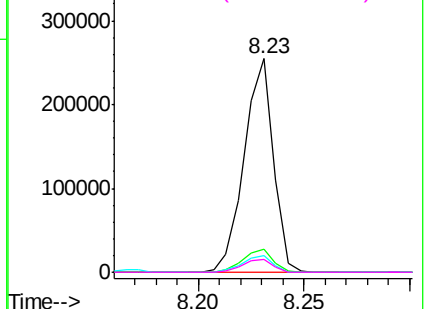
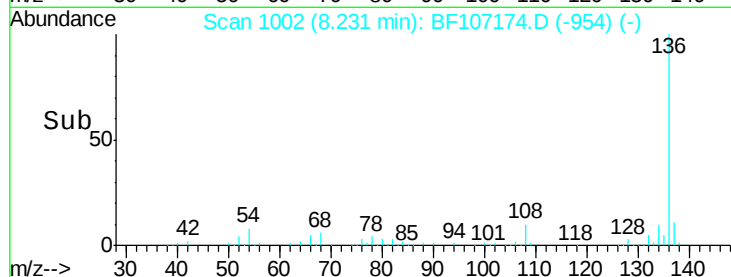
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107174.D
Acq: 6 Jul 2018 15:53

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

Tgt Ion:	136	Resp:	244070
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.6	6.6	9.8
68	6.3	5.0	7.4

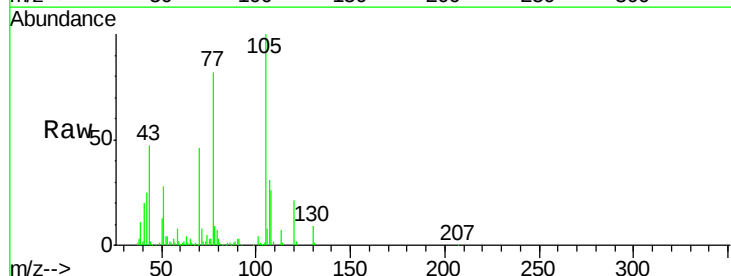


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

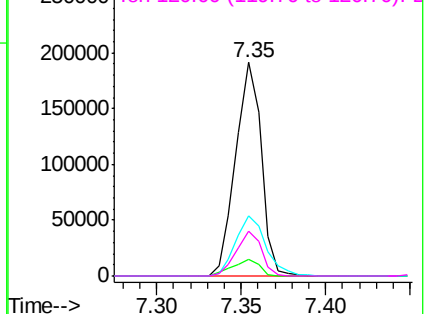
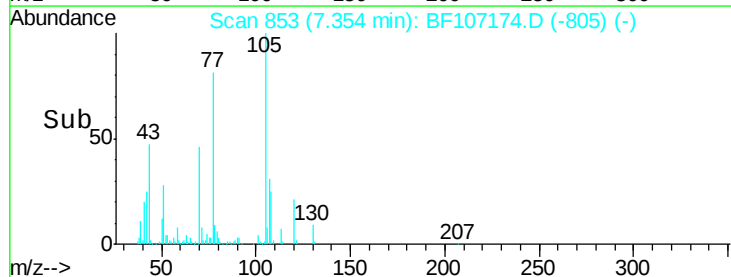


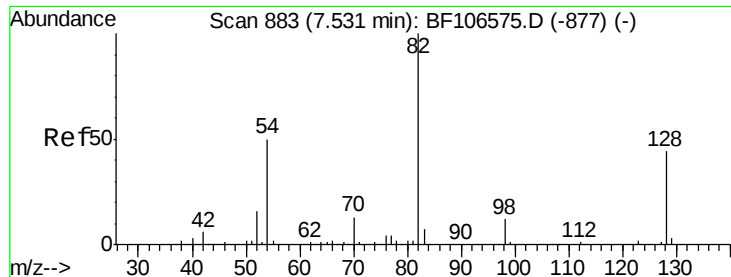
#22
Acetophenone
Concen: 37.147 ng
RT: 7.35 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF107174.D
Acq: 6 Jul 2018 15:53

Tgt Ion:	105	Resp:	202841
Ion	Ratio	Lower	Upper
105	100		
71	7.8	4.4	6.6#
51	28.0	22.3	33.5
120	21.0	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

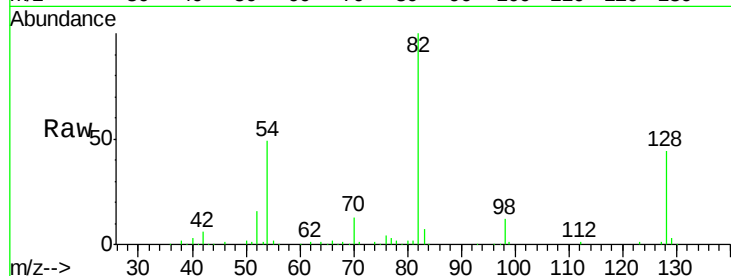




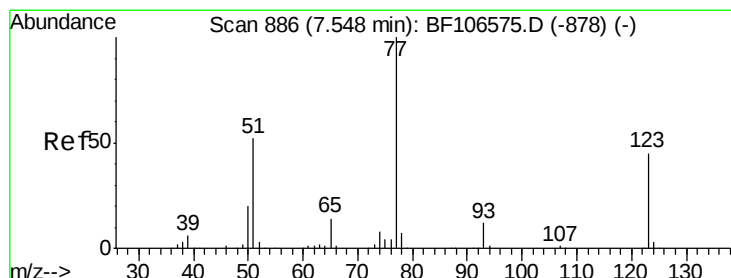
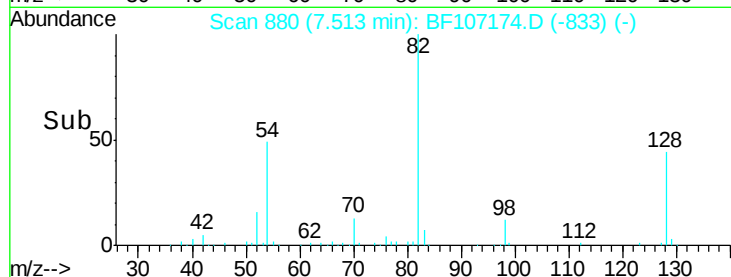
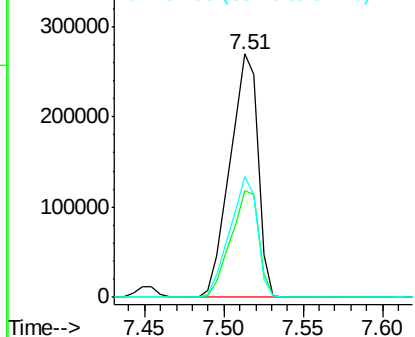
#23
 Nitrobenzene-d5
 Concen: 74.980 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

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

Tgt Ion: 82 Resp: 329302
 Ion Ratio Lower Upper
 82 100
 128 43.9 36.1 54.1
 54 49.3 41.4 62.2

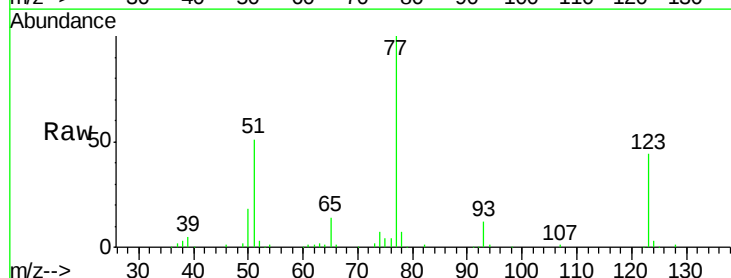


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

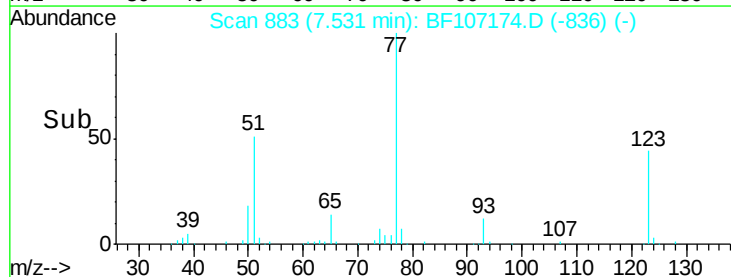
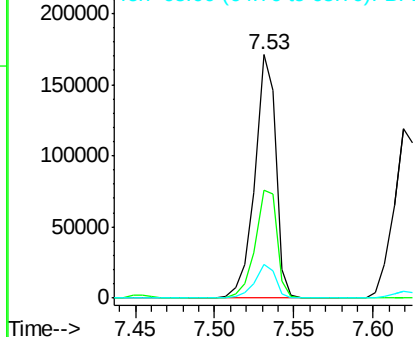


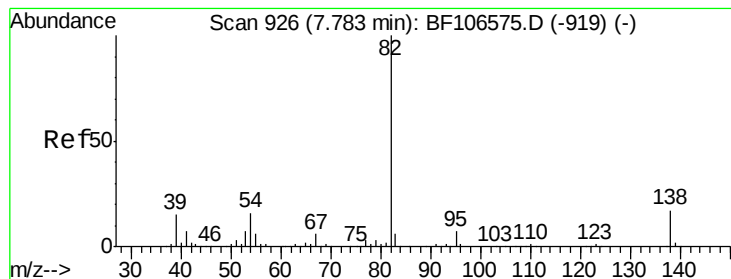
#24
 Nitrobenzene
 Concen: 35.257 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

Tgt Ion: 77 Resp: 158086
 Ion Ratio Lower Upper
 77 100
 123 44.3 37.9 56.9
 65 13.8 11.0 16.4



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





#25

Isophorone

Concen: 36.828 ng

RT: 7.77 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMS

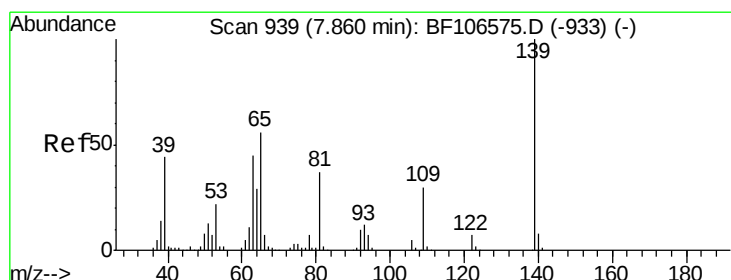
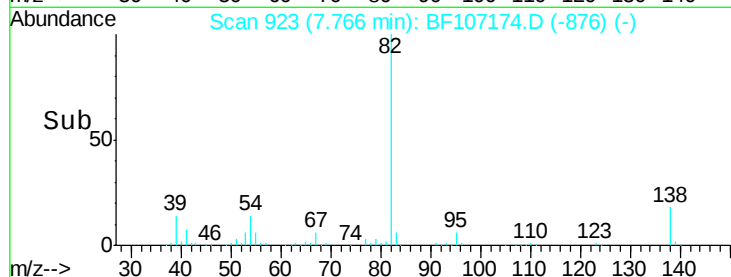
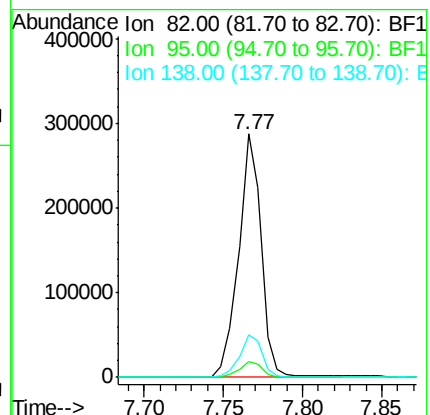
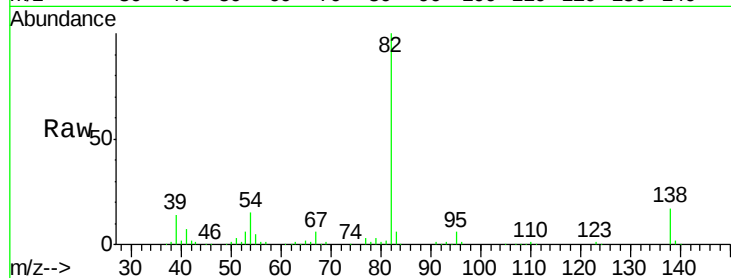
Tgt Ion: 82 Resp: 285016

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 17.3 14.9 22.3



#26

2-Nitrophenol

Concen: 38.177 ng

RT: 7.85 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

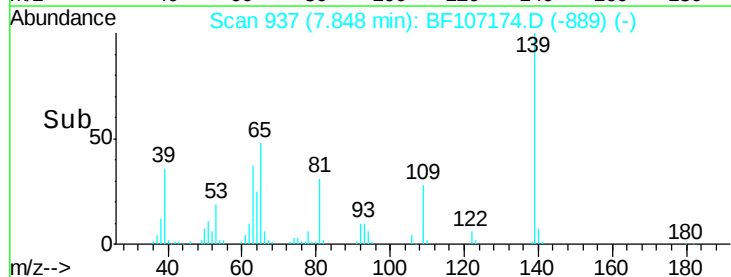
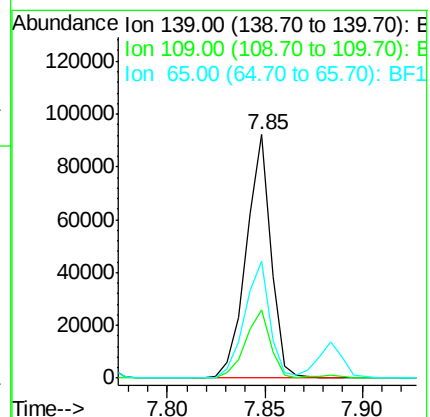
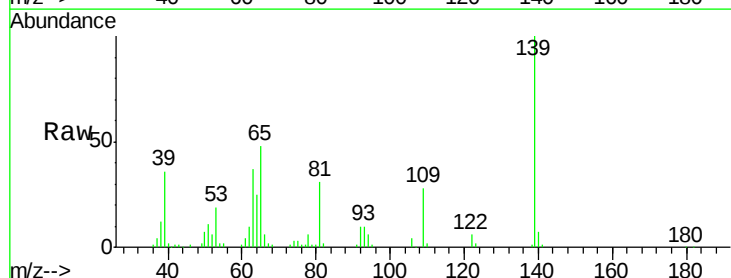
Tgt Ion: 139 Resp: 80809

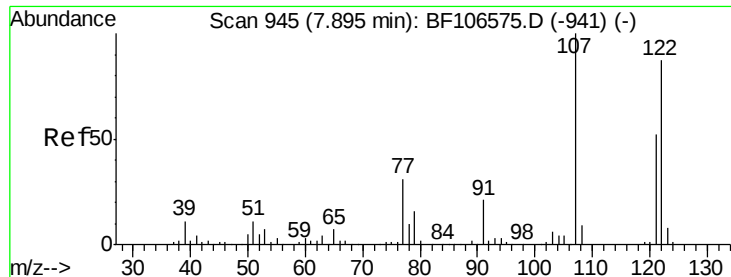
Ion Ratio Lower Upper

139 100

109 27.9 22.7 34.1

65 47.8 40.5 60.7

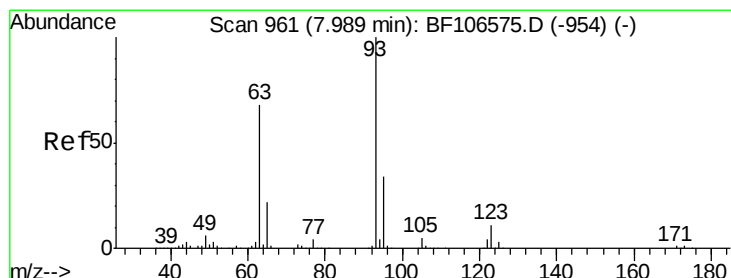
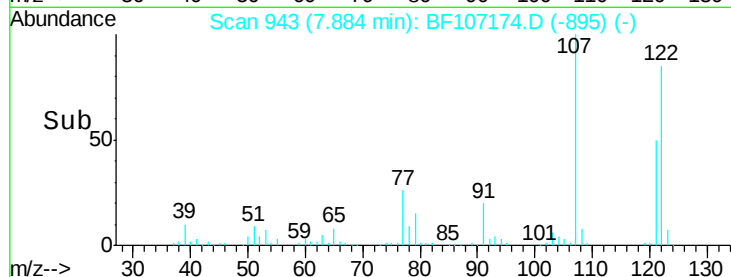
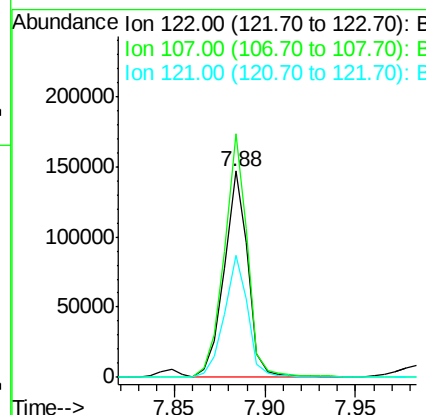
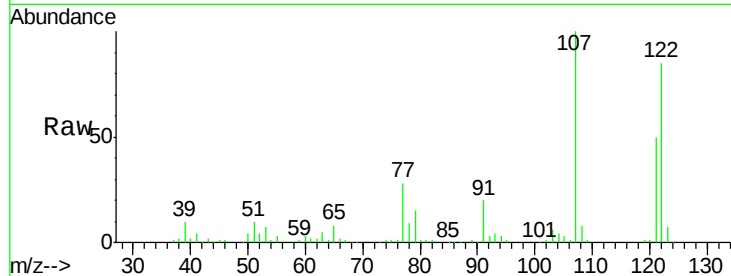




#27
 2,4-Dimethylphenol
 Concen: 41.093 ng
 RT: 7.88 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

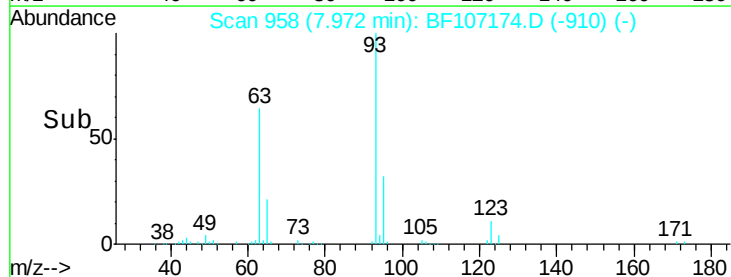
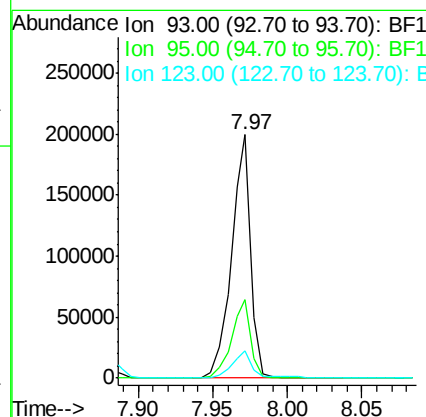
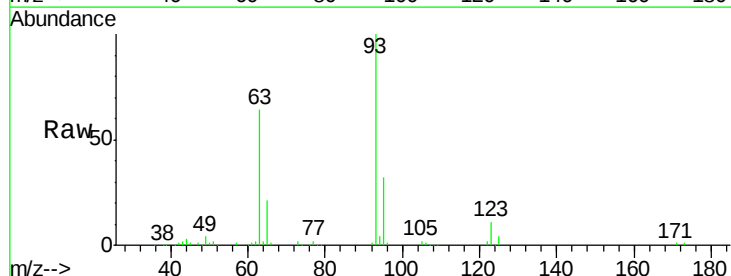
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMS

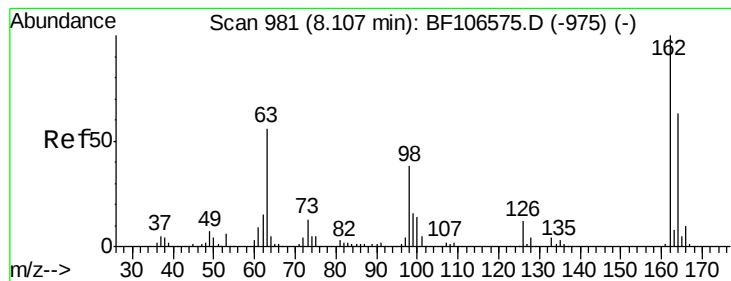
Tgt Ion: 122 Resp: 134442
 Ion Ratio Lower Upper
 122 100
 107 118.0 91.2 136.8
 121 58.9 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.794 ng
 RT: 7.97 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

Tgt Ion: 93 Resp: 180796
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.3 39.5
 123 11.1 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 39.150 ng

RT: 8.10 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMS

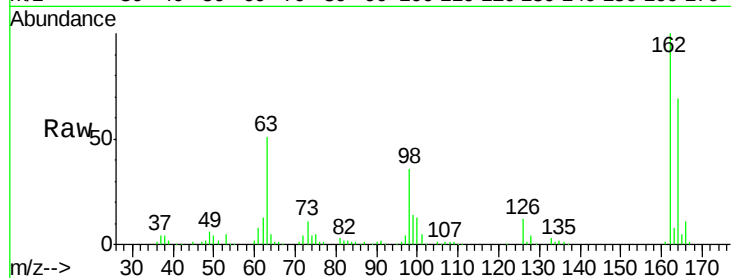
Tgt Ion:162 Resp: 134099

Ion Ratio Lower Upper

162 100

164 68.7 42.7 82.7

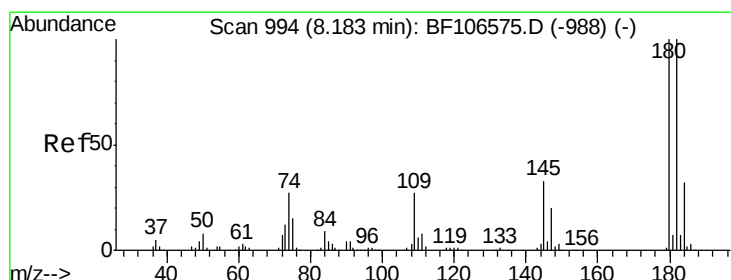
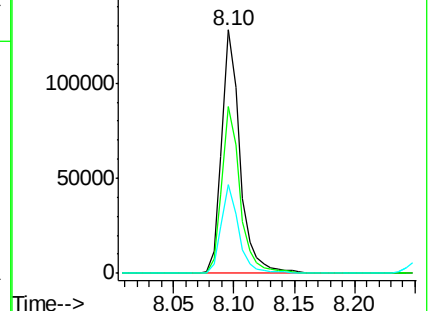
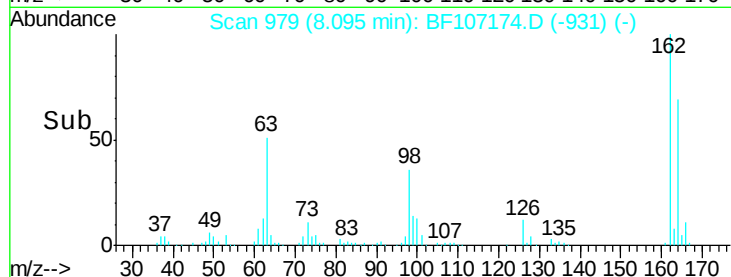
98 36.4 18.1 58.1



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: 38.496 ng

RT: 8.17 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

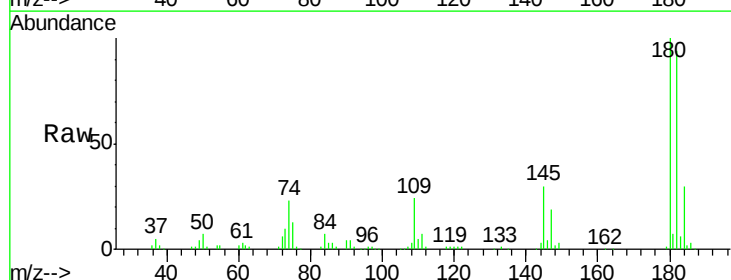
Tgt Ion:180 Resp: 145256

Ion Ratio Lower Upper

180 100

182 94.1 76.8 115.2

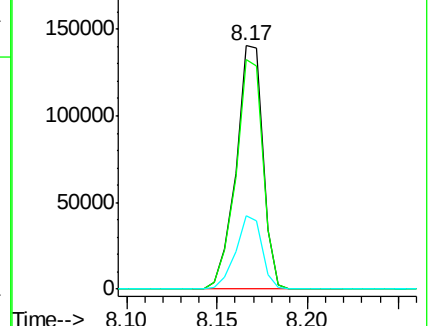
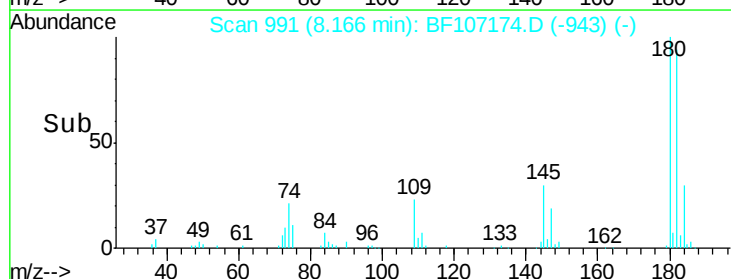
145 29.9 26.5 39.7

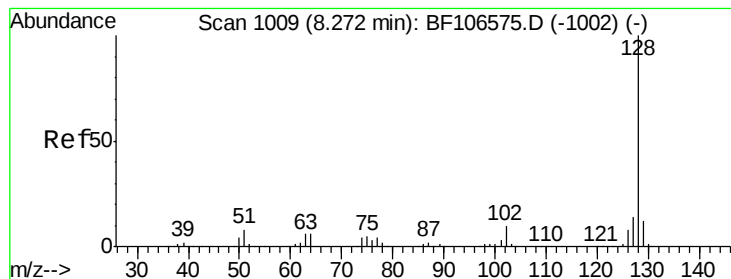


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.637 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMS

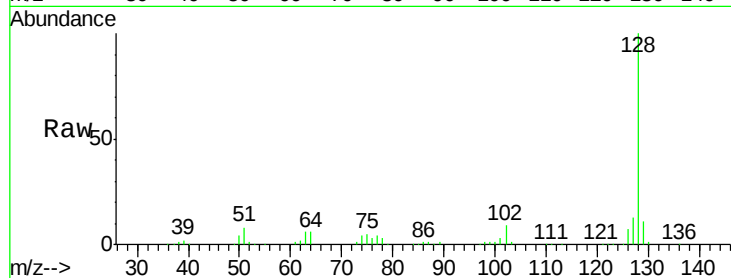
Tgt Ion:128 Resp: 418059

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

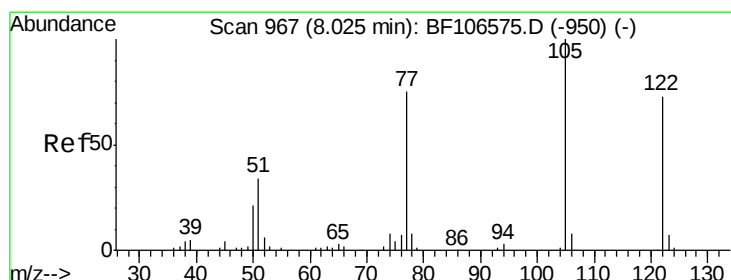
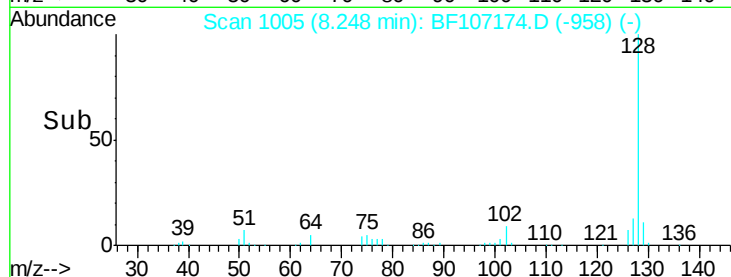
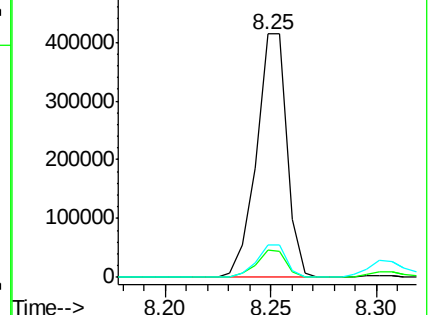
127 13.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 20.039 ng

RT: 8.01 min Scan# 964

Delta R.T. -0.04 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

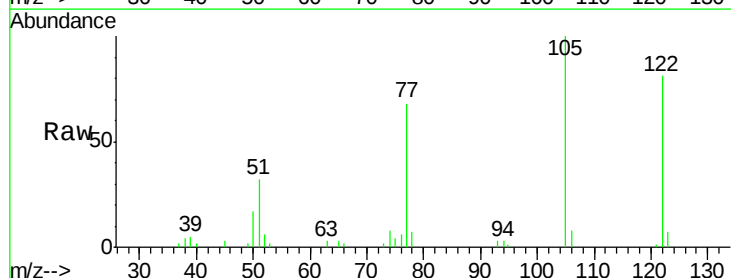
Tgt Ion:122 Resp: 38666

Ion Ratio Lower Upper

122 100

105 123.9 101.1 141.1

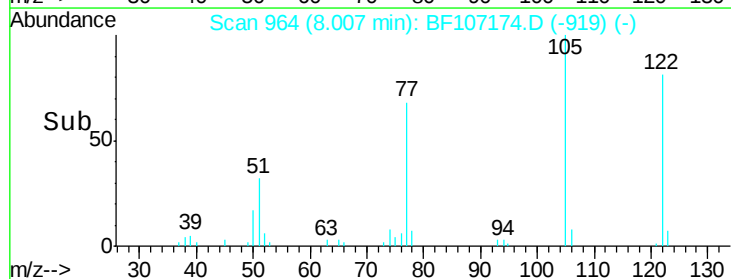
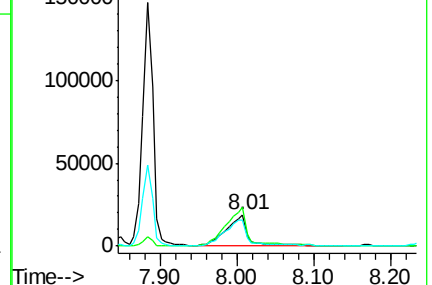
77 84.5 70.7 110.7

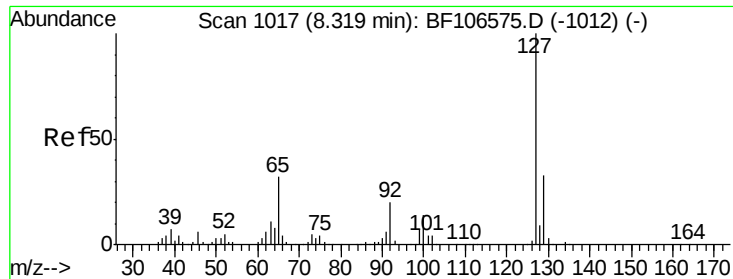


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

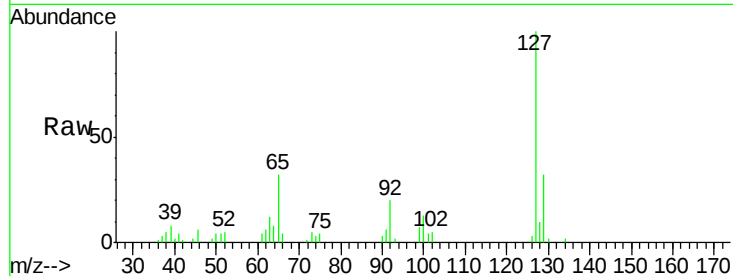




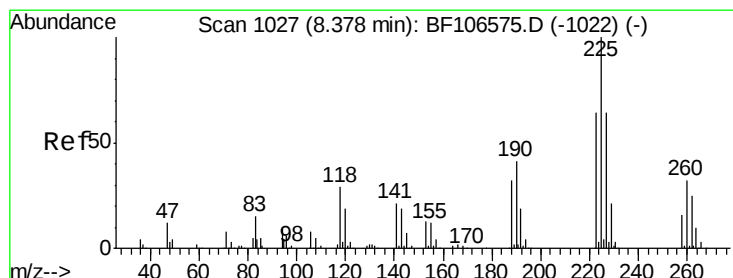
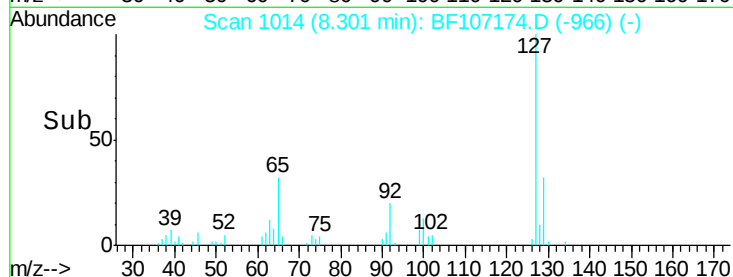
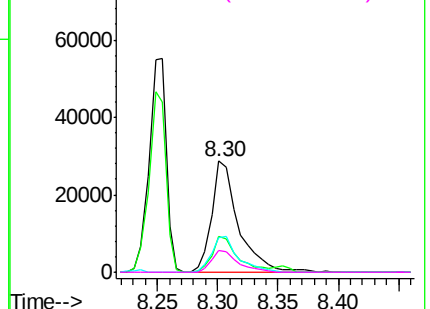
#33
4-Chloroaniline
Concen: 9.190 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF107174.D
Acq: 6 Jul 2018 15:53

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

Tgt Ion:	127	Resp:	44001
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	31.6	25.0	37.4
92	20.2	15.2	22.8

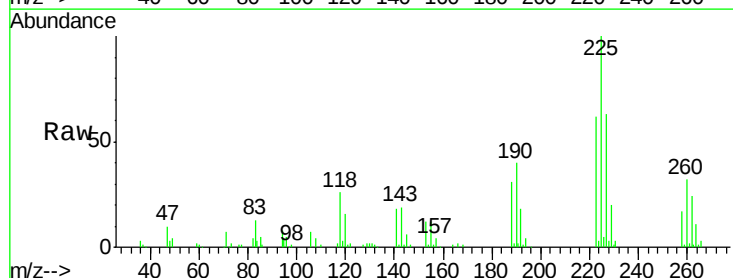


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

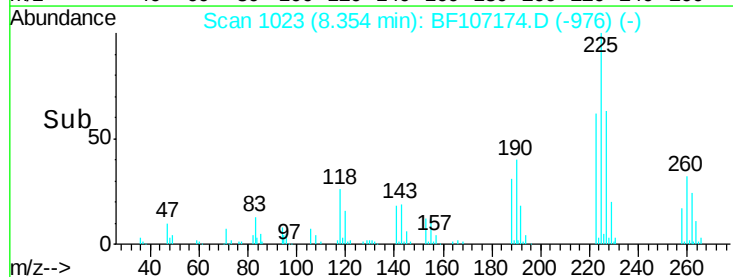
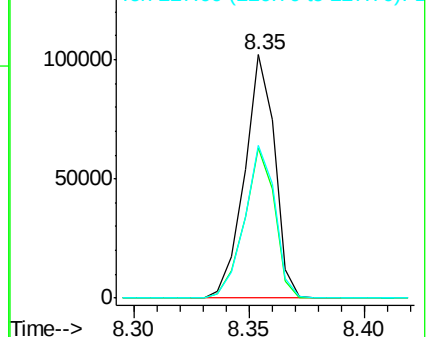


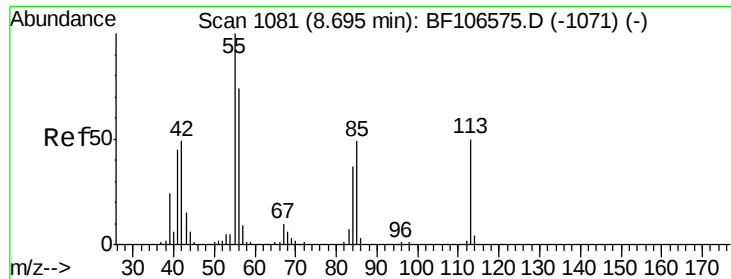
#34
Hexachlorobutadiene
Concen: 37.887 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF107174.D
Acq: 6 Jul 2018 15:53

Tgt Ion:	225	Resp:	93153
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.6	76.0
227	62.7	51.9	77.9



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

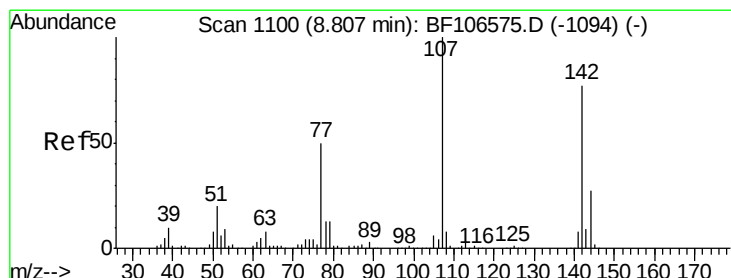
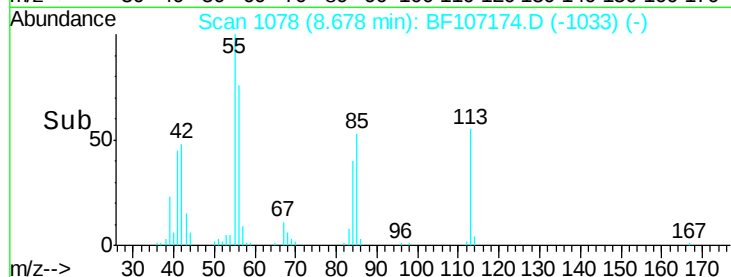
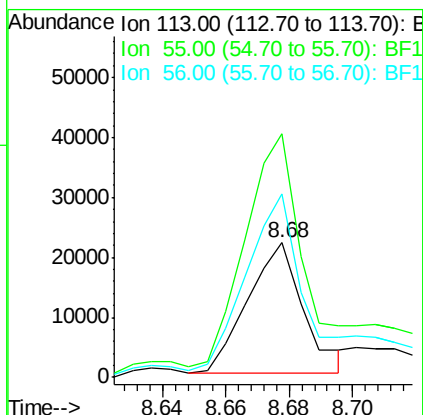
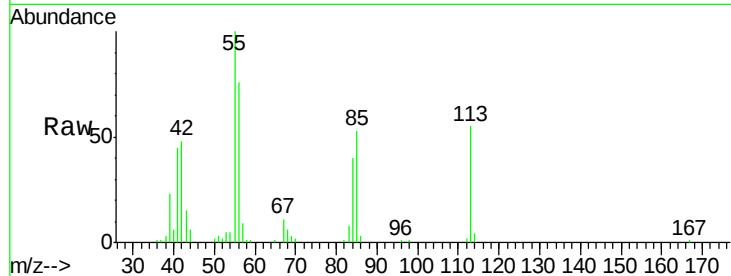




#35
 Caprolactam
 Concen: 23.507 ng
 RT: 8.68 min Scan# 1078
 Delta R.T. -0.04 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

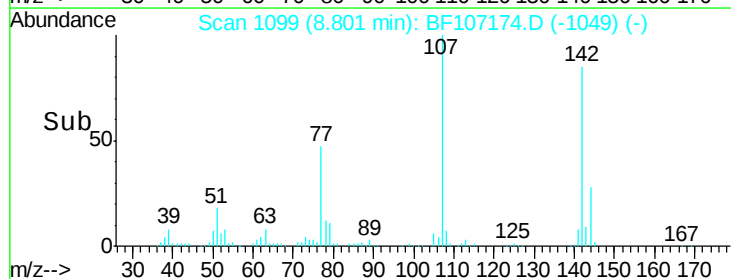
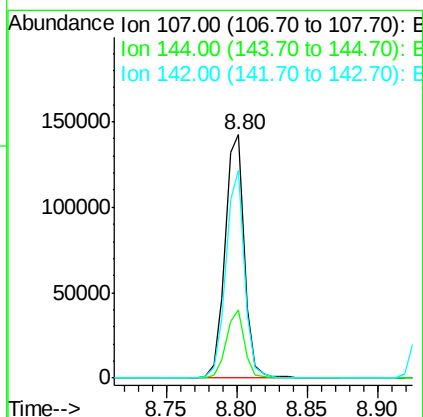
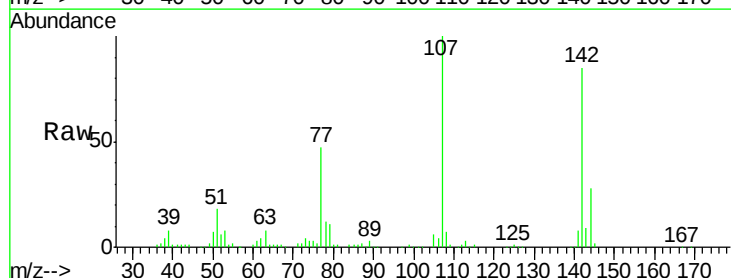
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMS

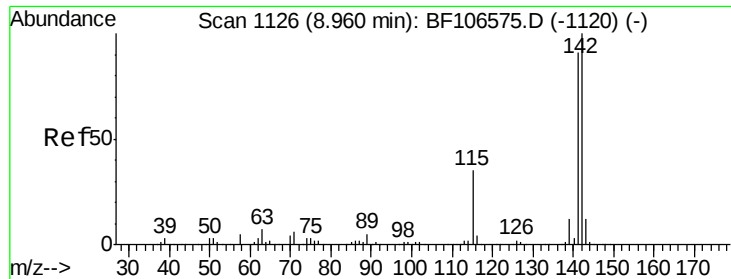
Tgt Ion:113 Resp: 26246
 Ion Ratio Lower Upper
 113 100
 55 180.8 163.3 203.3
 56 136.7 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 37.605 ng
 RT: 8.80 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

Tgt Ion:107 Resp: 135577
 Ion Ratio Lower Upper
 107 100
 144 27.8 20.5 30.7
 142 85.3 62.0 93.0

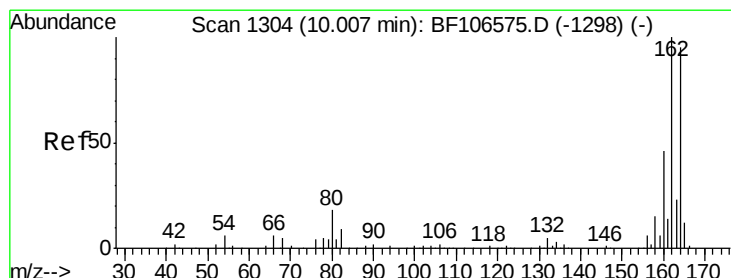
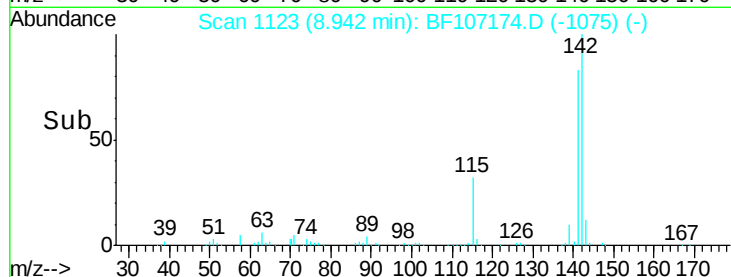
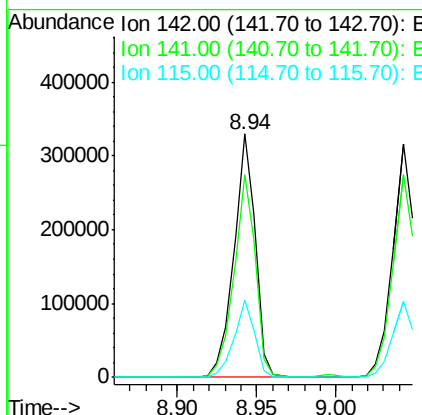
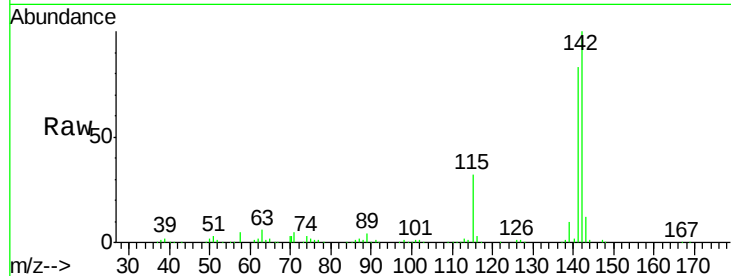




#37
 2-Methylnaphthalene
 Concen: 40.721 ng
 RT: 8.94 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

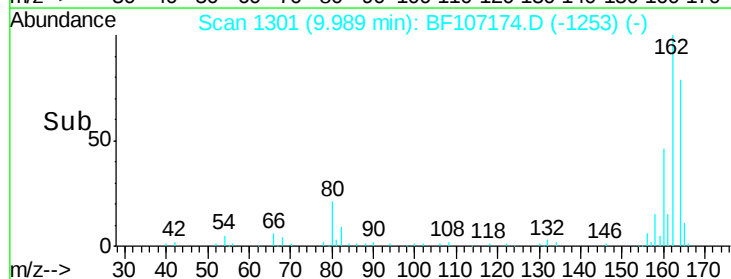
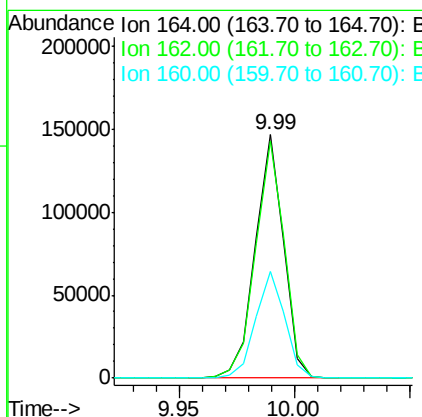
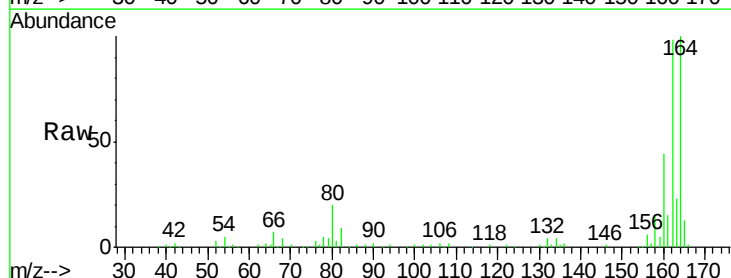
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMS

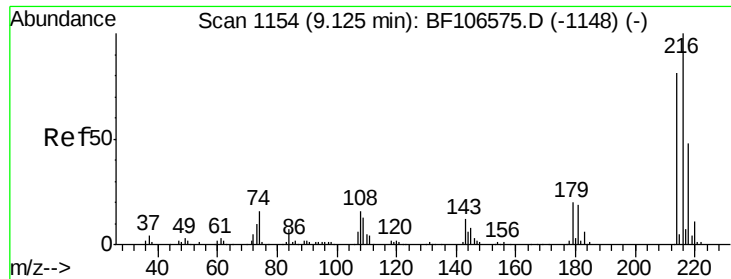
Tgt Ion:142 Resp: 307993
 Ion Ratio Lower Upper
 142 100
 141 83.3 70.8 106.2
 115 31.9 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

Tgt Ion:164 Resp: 126098
 Ion Ratio Lower Upper
 164 100
 162 97.6 86.1 129.1
 160 43.8 38.3 57.5

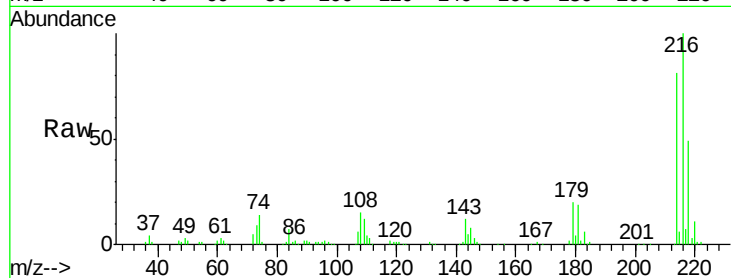




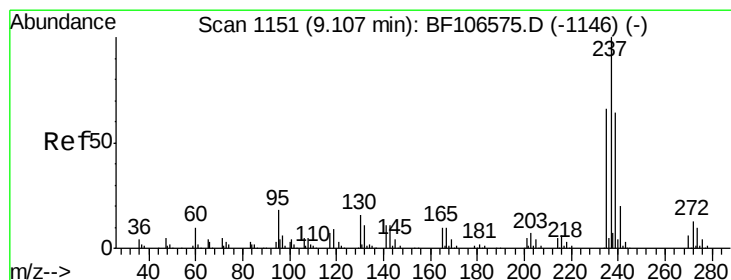
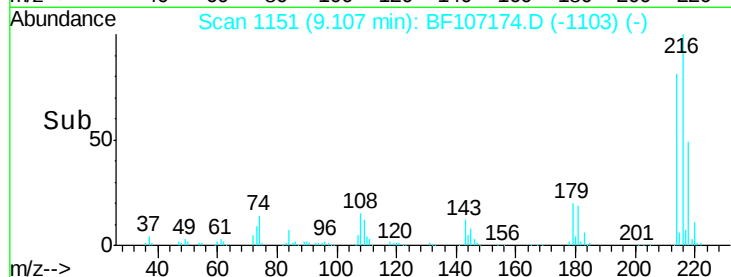
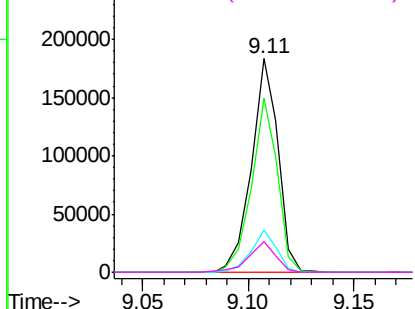
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.848 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

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

Tgt Ion:216 Resp: 160723
 Ion Ratio Lower Upper
 216 100
 214 79.3 63.0 94.4
 179 18.9 18.1 27.1
 108 14.6 17.2 25.8#

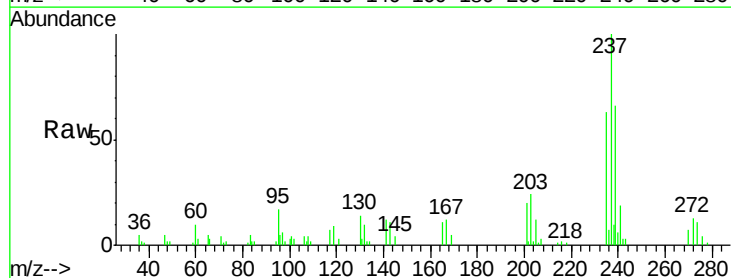


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

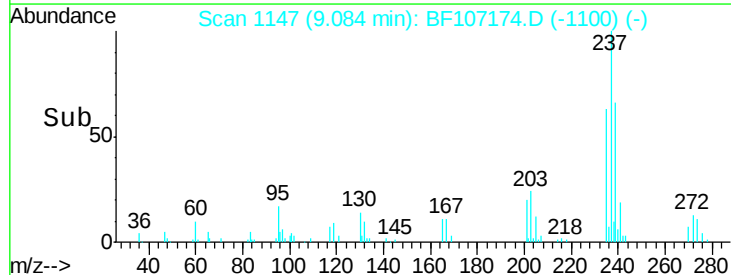
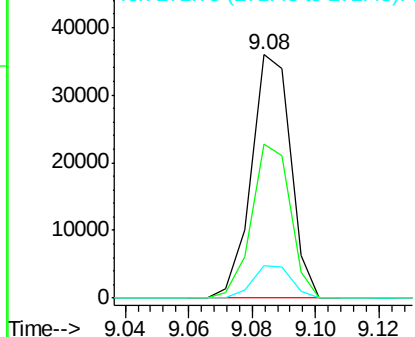


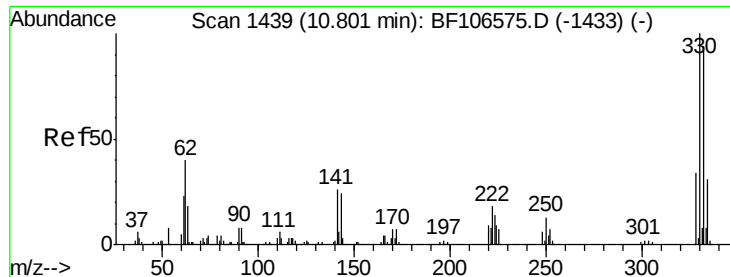
#40
 Hexachlorocyclopentadiene
 Concen: 14.146 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

Tgt Ion:237 Resp: 30908
 Ion Ratio Lower Upper
 237 100
 235 63.3 44.8 84.8
 272 13.5 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

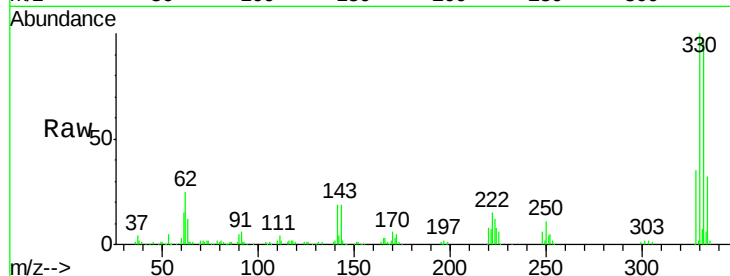




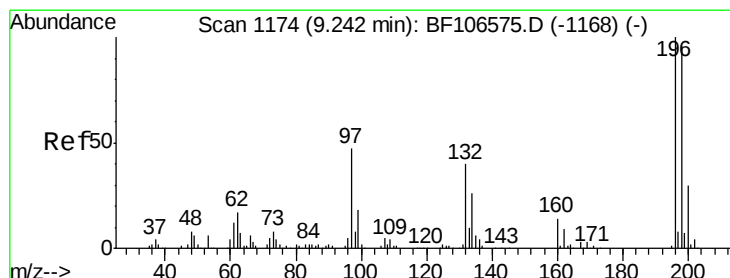
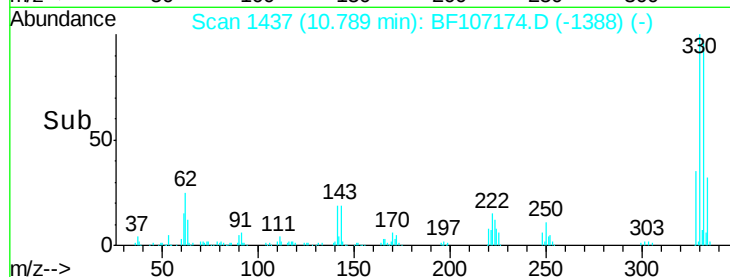
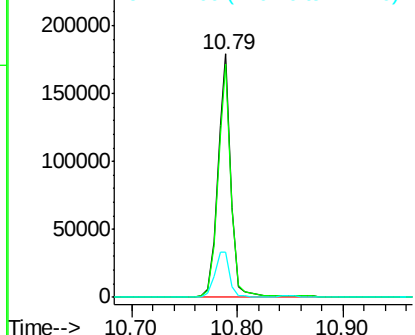
#41
 2,4,6-Tribromophenol
 Concen: 108.529 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

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

Tgt Ion:330 Resp: 158616
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 22.0 29.9 44.9#

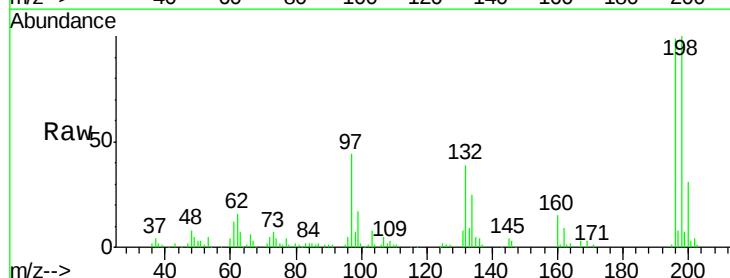


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

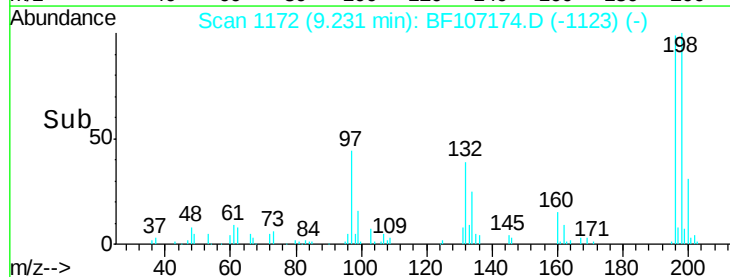
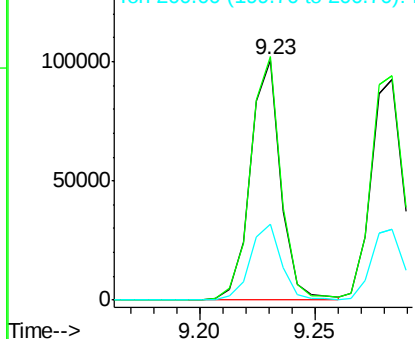


#42
 2,4,6-Trichlorophenol
 Concen: 32.763 ng
 RT: 9.23 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

Tgt Ion:196 Resp: 92483
 Ion Ratio Lower Upper
 196 100
 198 101.5 75.7 113.5
 200 31.8 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

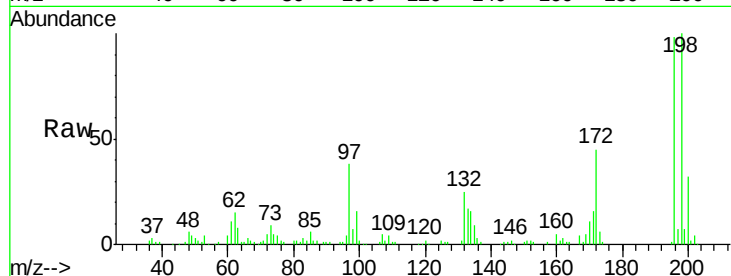




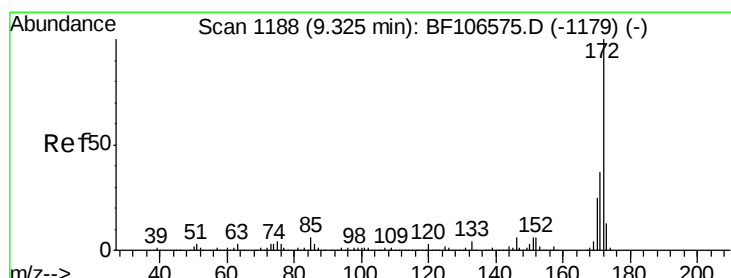
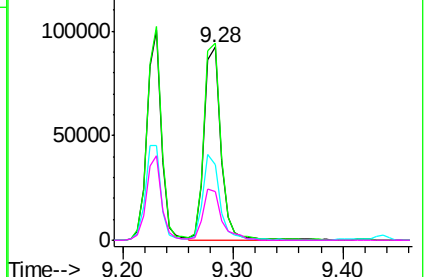
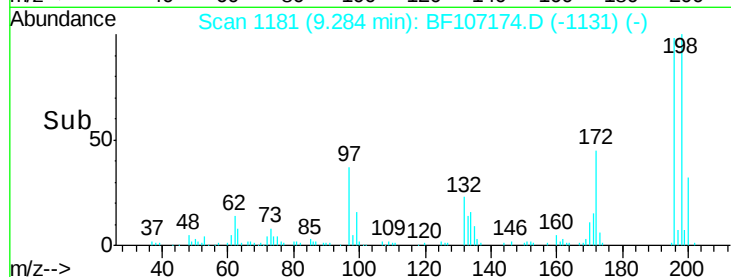
#43
2,4,5-Trichlorophenol
Concen: 32.345 ng
RT: 9.28 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF107174.D
Acq: 6 Jul 2018 15:53

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

Tgt Ion:196 Resp: 95272
Ion Ratio Lower Upper
196 100
198 102.1 74.6 112.0
97 39.0 42.9 64.3#
132 25.0 26.3 39.5#

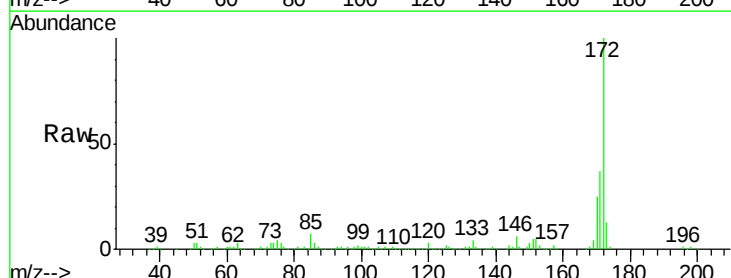


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

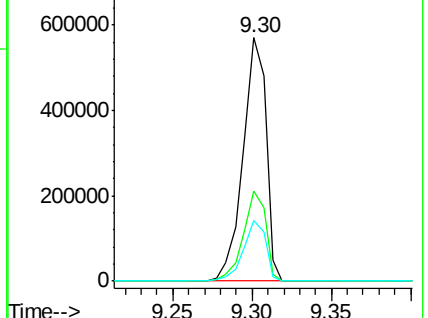
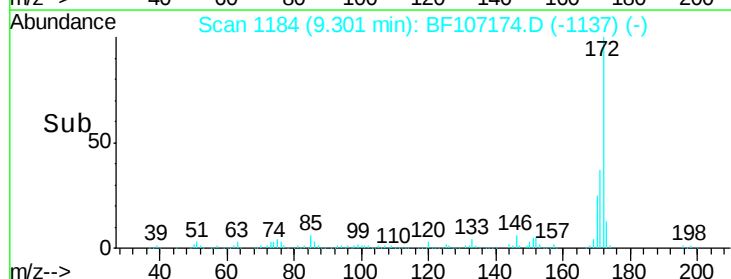


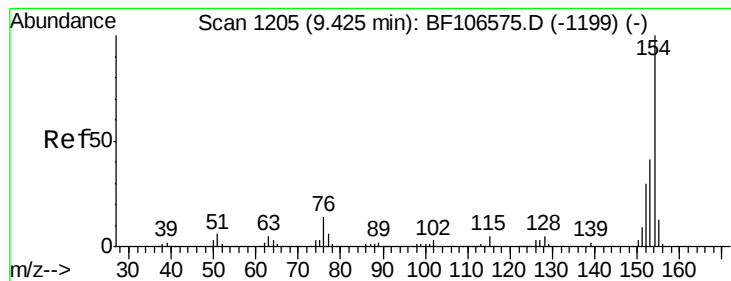
#44
2-Fluorobiphenyl
Concen: 74.990 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107174.D
Acq: 6 Jul 2018 15:53

Tgt Ion:172 Resp: 571608
Ion Ratio Lower Upper
172 100
171 36.8 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: 36.427 ng

RT: 9.41 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMS

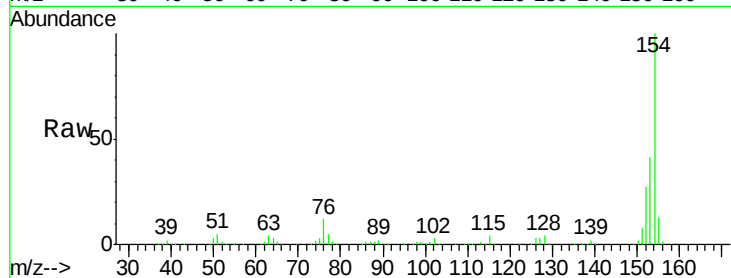
Tgt Ion:154 Resp: 366073

Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

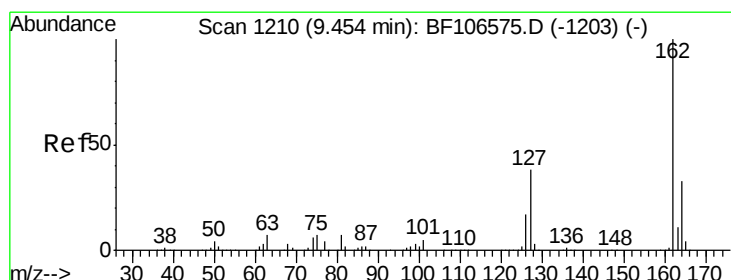
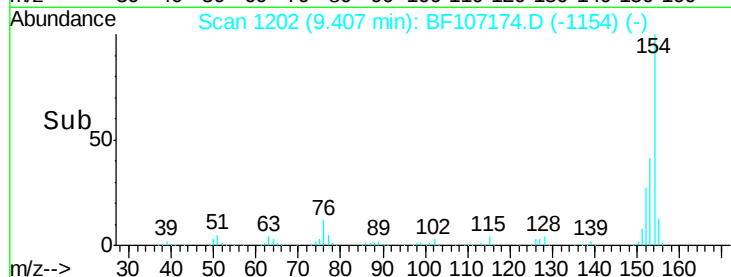
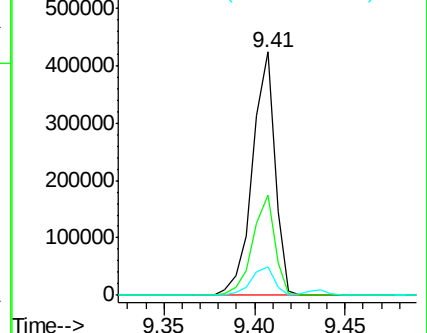
76 11.7 0.0 34.0



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: 34.192 ng

RT: 9.44 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

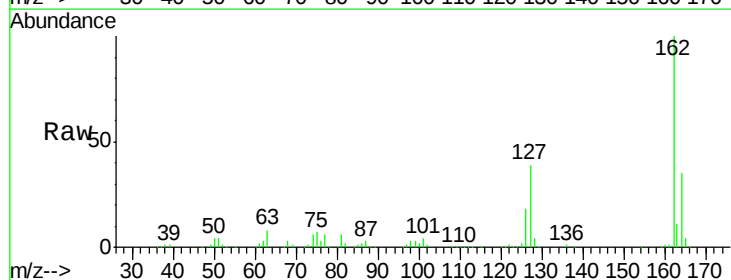
Tgt Ion:162 Resp: 270469

Ion Ratio Lower Upper

162 100

127 38.7 33.9 50.9

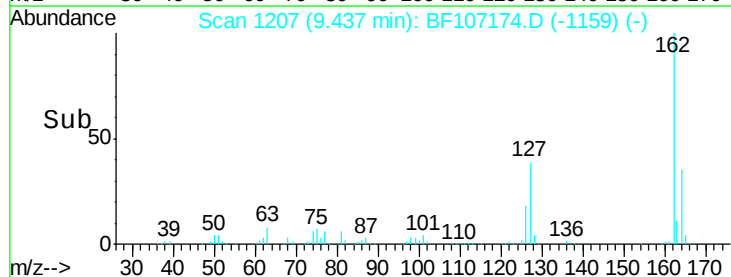
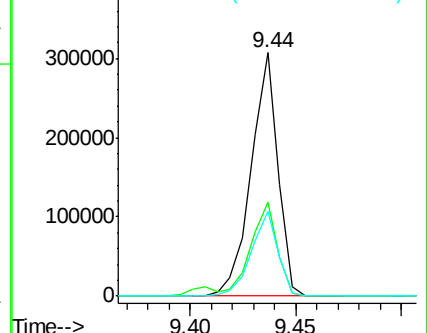
164 34.8 26.5 39.7

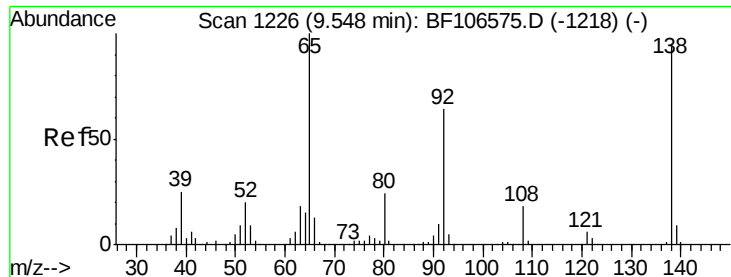


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

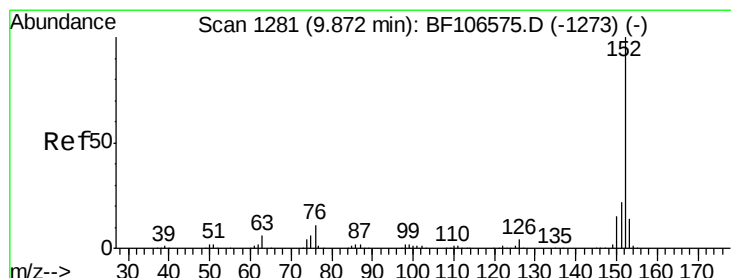
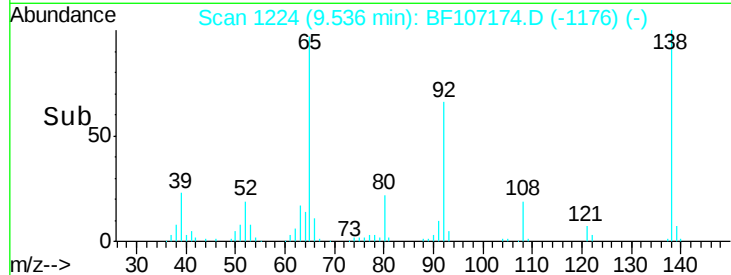
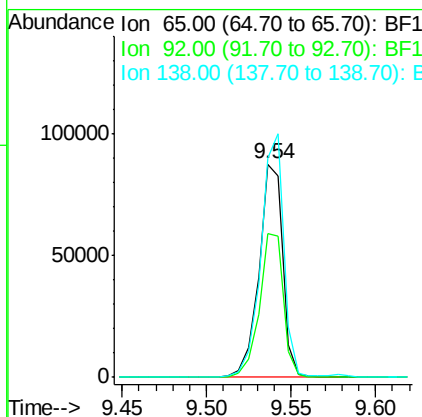
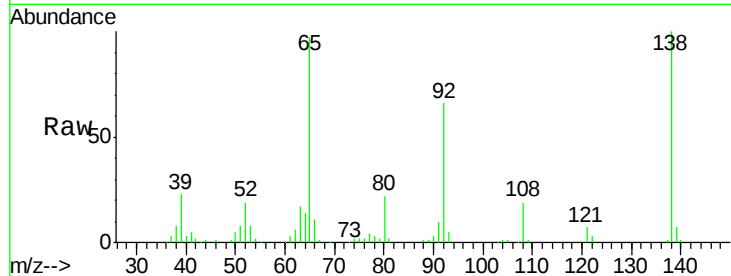




#47
 2-Nitroaniline
 Concen: 32.313 ng
 RT: 9.54 min Scan# 1224
 Delta R.T. -0.02 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

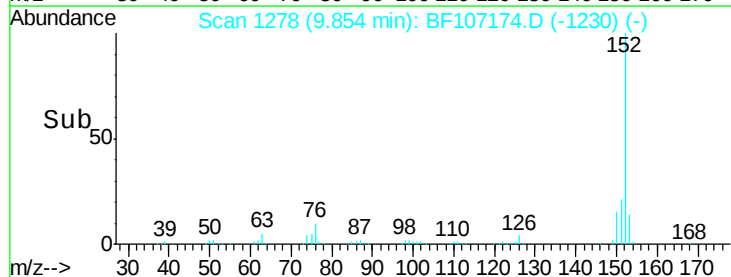
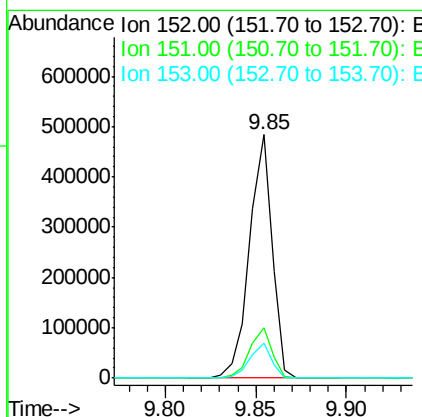
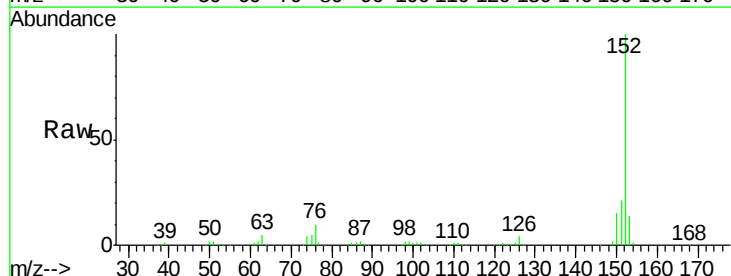
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMS

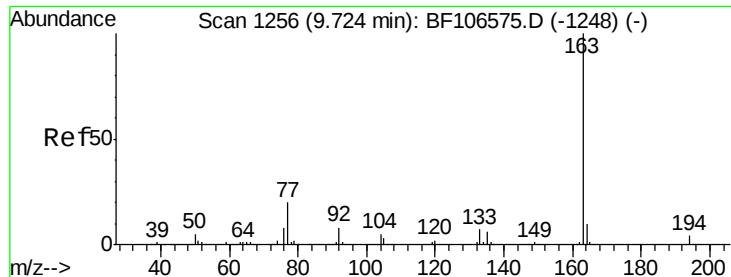
Tgt Ion: 65 Resp: 85952
 Ion Ratio Lower Upper
 65 100
 92 67.6 55.8 83.6
 138 103.0 91.2 136.8



#48
 Acenaphthylene
 Concen: 33.810 ng
 RT: 9.85 min Scan# 1278
 Delta R.T. -0.02 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

Tgt Ion: 152 Resp: 422241
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.3 24.5
 153 14.2 10.7 16.1

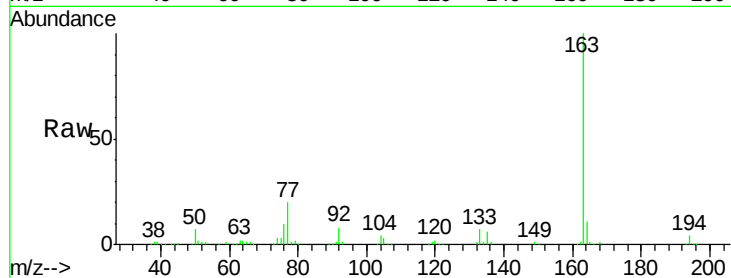




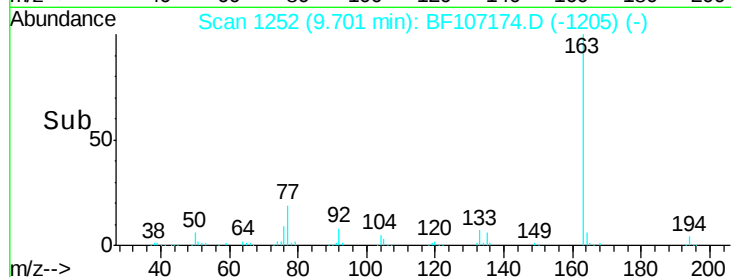
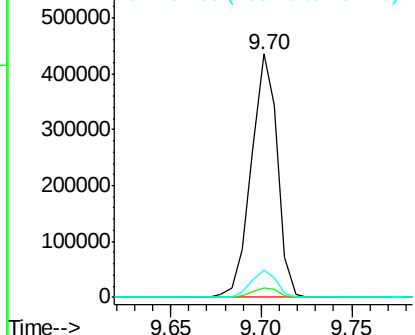
#49
Dimethylphthalate
Concen: 45.923 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107174.D
Acq: 6 Jul 2018 15:53

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

Tgt Ion:163 Resp: 434314
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 11.3 8.2 12.2

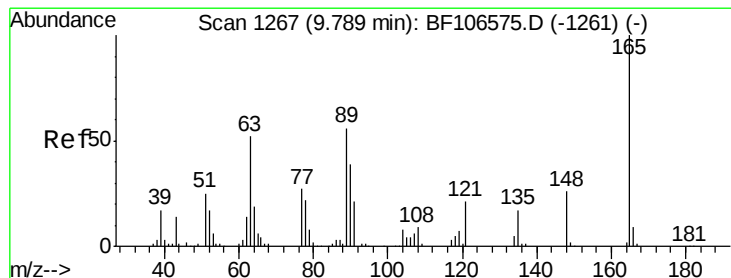


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

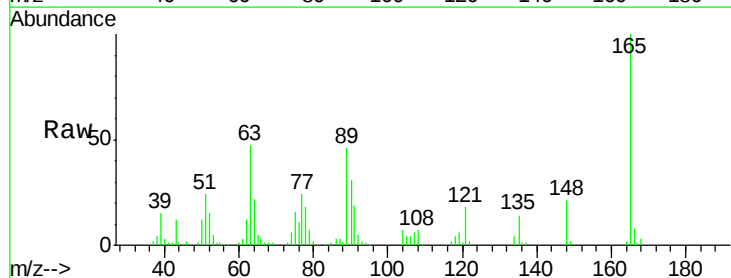
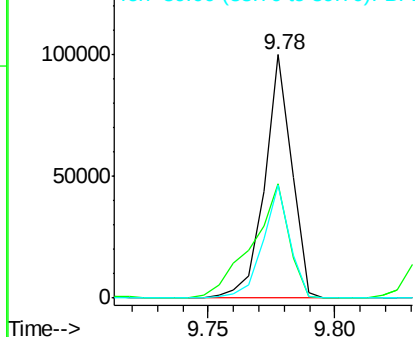


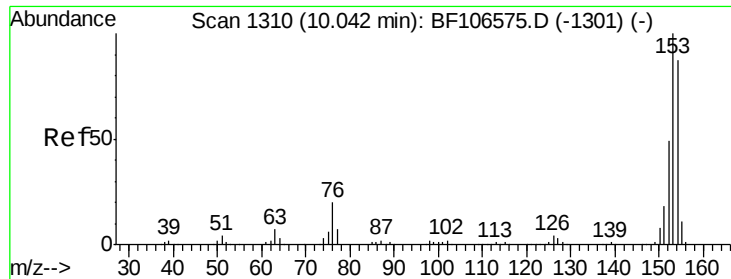
#50
2,6-Dinitrotoluene
Concen: 36.939 ng
RT: 9.78 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF107174.D
Acq: 6 Jul 2018 15:53

Tgt Ion:165 Resp: 73977
Ion Ratio Lower Upper
165 100
63 46.9 44.7 67.1
89 46.3 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: 32.391 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMS

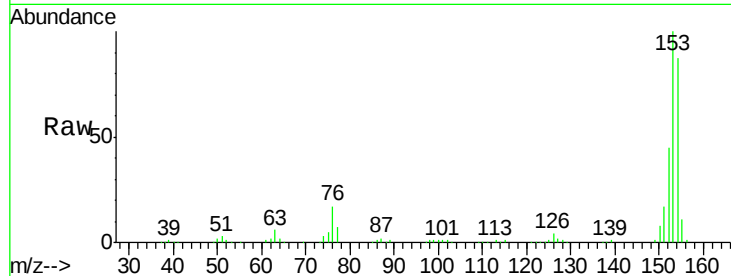
Tgt Ion:154 Resp: 254730

Ion Ratio Lower Upper

154 100

153 114.5 91.2 136.8

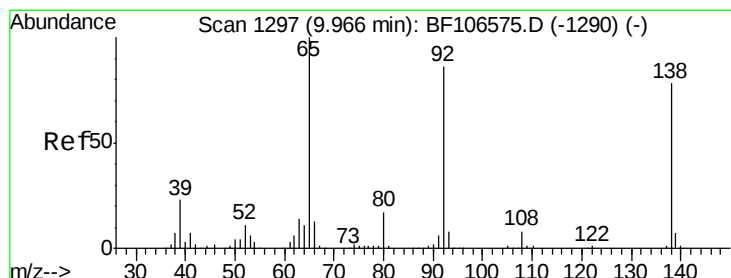
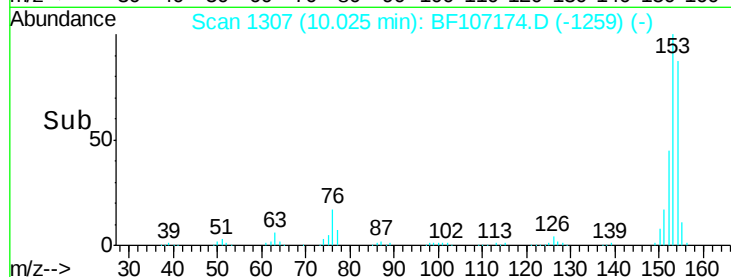
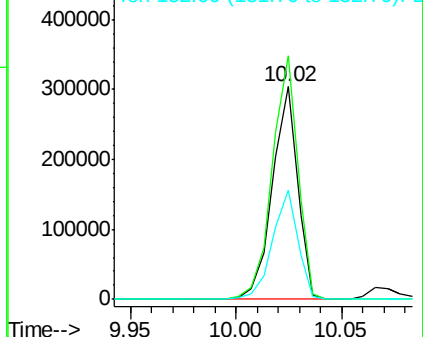
152 51.3 43.8 65.8



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: 16.820 ng

RT: 9.95 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

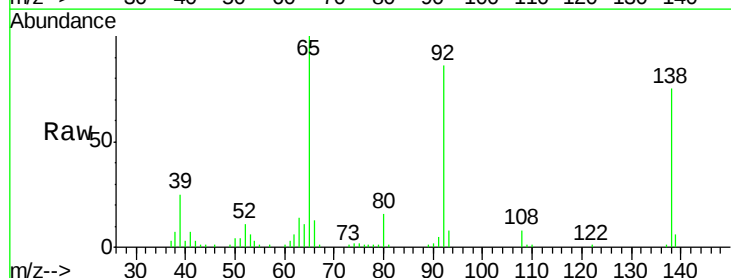
Tgt Ion:138 Resp: 38762

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

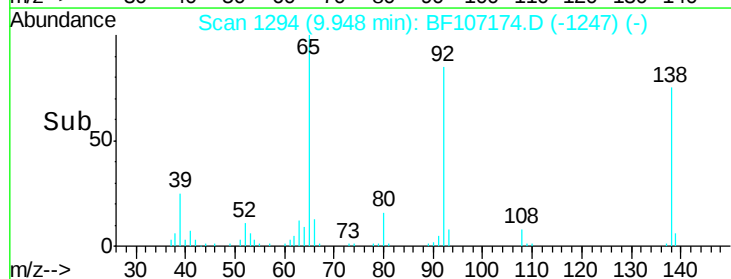
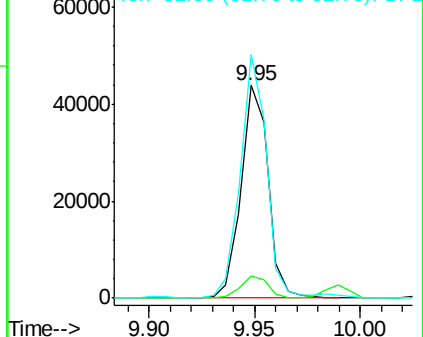
92 114.7 89.4 134.2



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

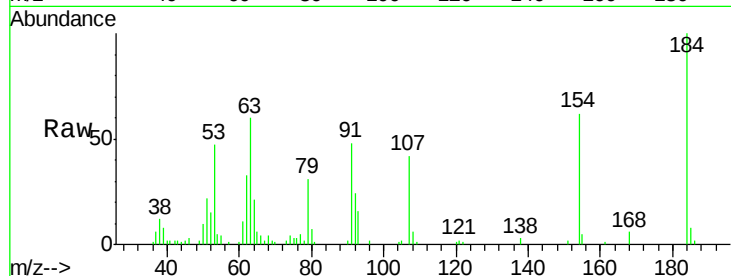




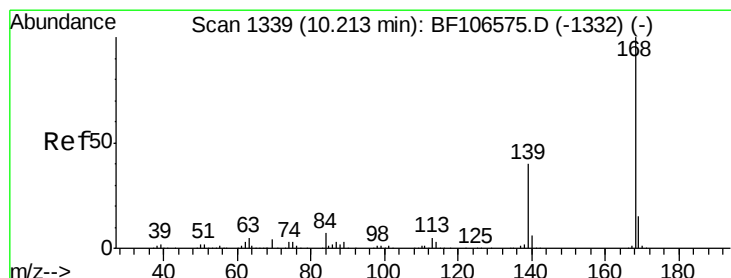
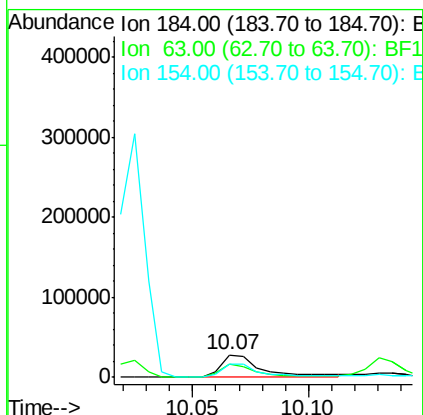
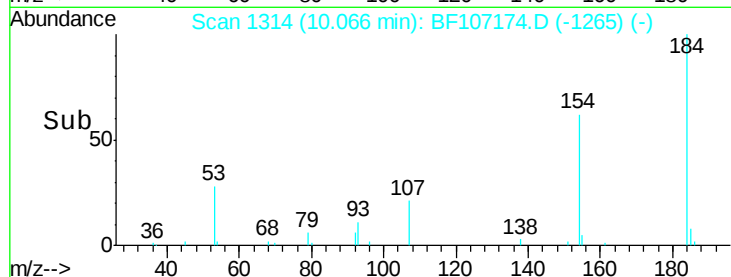
#53
2,4-Dinitrophenol
Concen: 36.681 ng
RT: 10.07 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF107174.D
Acq: 6 Jul 2018 15:53

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

Tgt Ion:184 Resp: 34959
Ion Ratio Lower Upper
184 100
63 60.0 54.2 81.2
154 61.7 184.0 276.0#

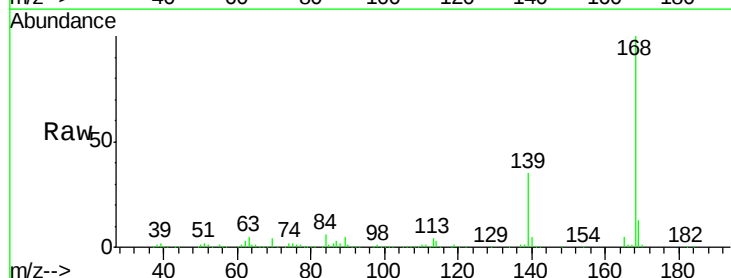


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

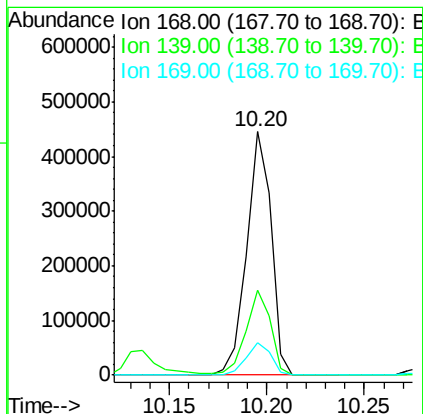
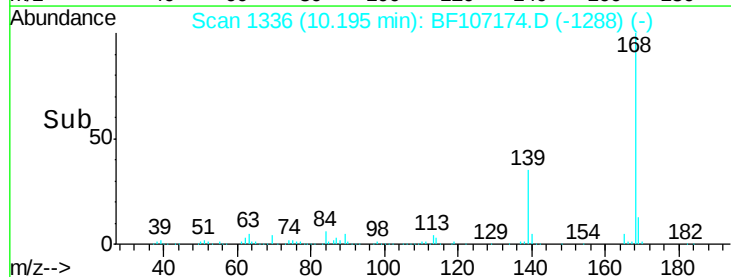


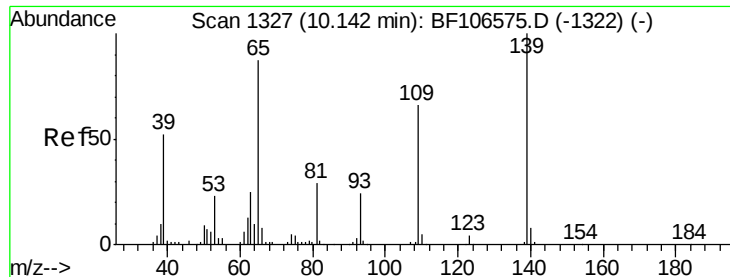
#54
Dibenzofuran
Concen: 36.008 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF107174.D
Acq: 6 Jul 2018 15:53

Tgt Ion:168 Resp: 387757
Ion Ratio Lower Upper
168 100
139 34.9 30.1 45.1
169 13.5 10.9 16.3



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

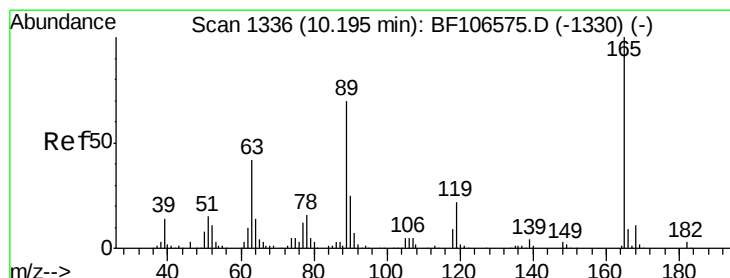
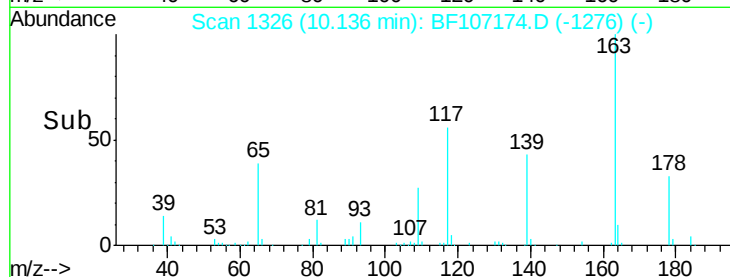
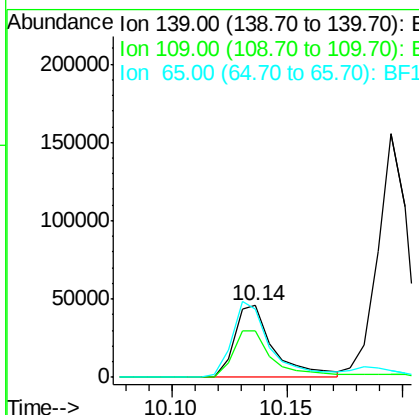
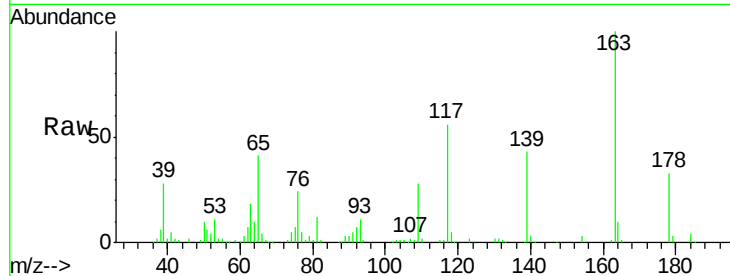




#55
4-Nitrophenol
Concen: 33.907 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF107174.D
Acq: 6 Jul 2018 15:53

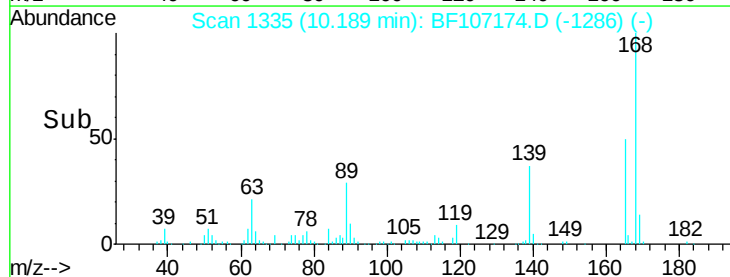
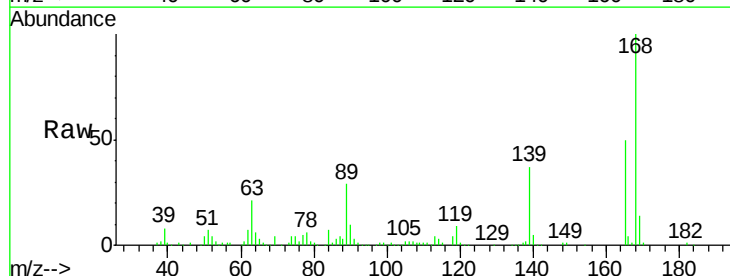
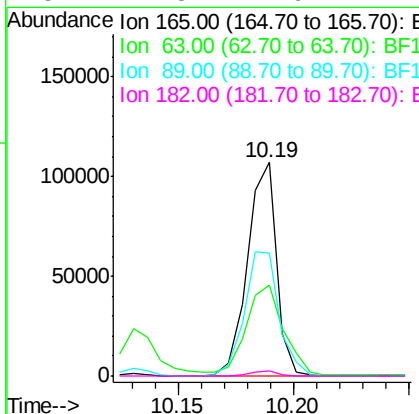
Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMS

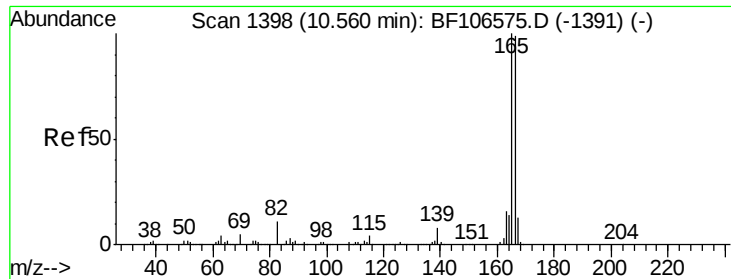
Tgt Ion:139 Resp: 54543
Ion Ratio Lower Upper
139 100
109 64.2 48.4 88.4
65 95.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 35.961 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF107174.D
Acq: 6 Jul 2018 15:53

Tgt Ion:165 Resp: 94003
Ion Ratio Lower Upper
165 100
63 42.4 36.4 54.6
89 57.7 57.8 86.6#
182 2.3 1.6 2.4

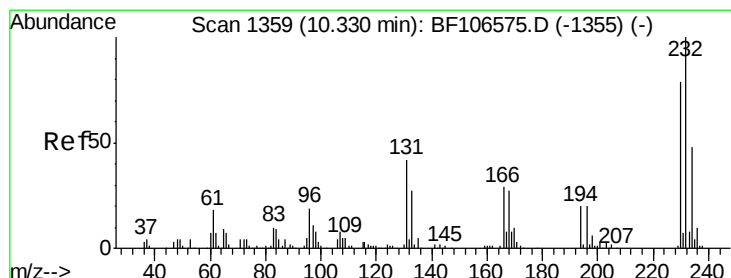
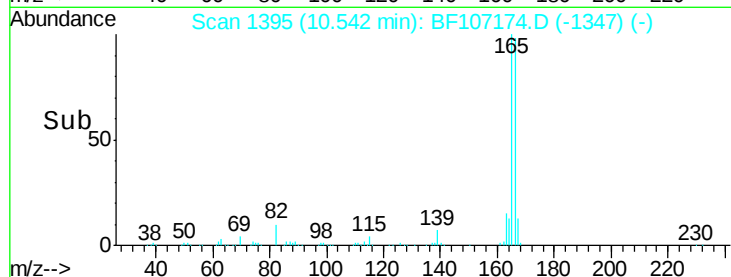
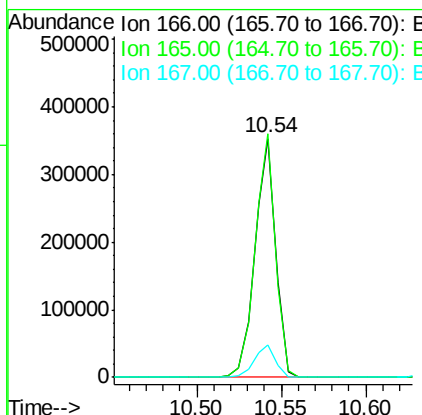
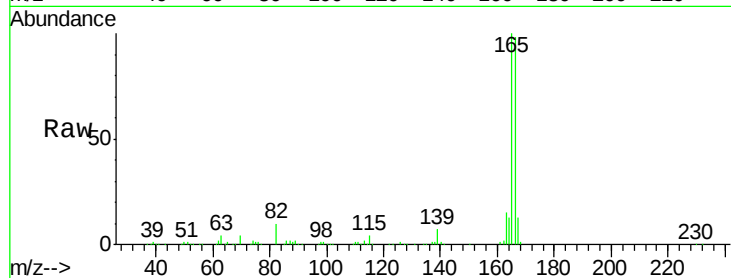




#57
Fluorene
 Concen: 35.518 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.02 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

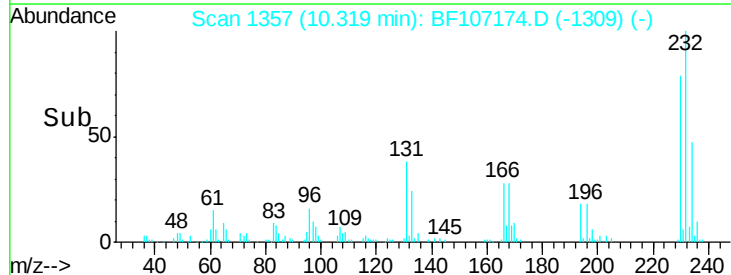
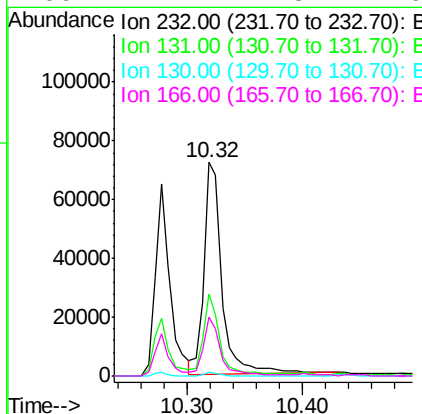
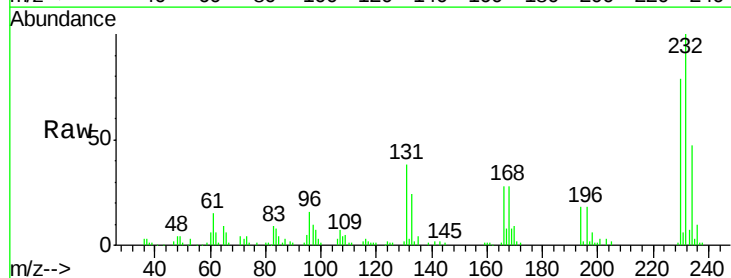
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMS

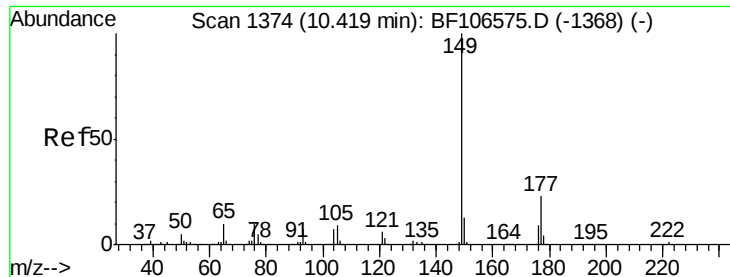
Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.1	79.8	119.8
167	13.5	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 33.948 ng
 RT: 10.32 min Scan# 1357
 Delta R.T. -0.02 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

Tgt Ion	Ratio	Lower	Upper
232	100		
131	33.3	43.8	65.8#
130	1.4	2.1	3.1#
166	24.7	27.8	41.6#

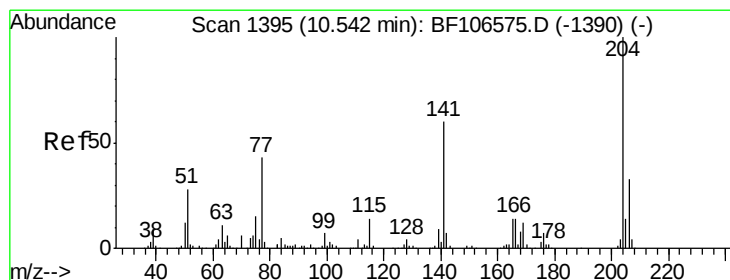
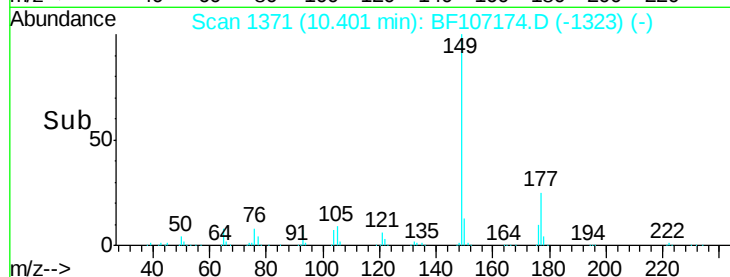
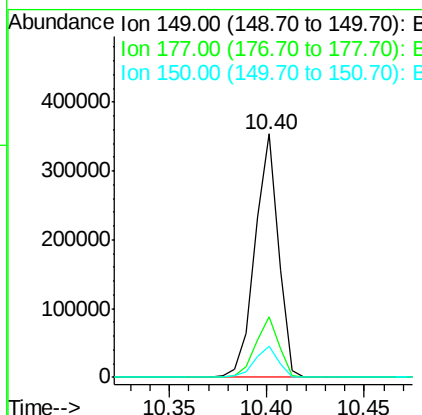
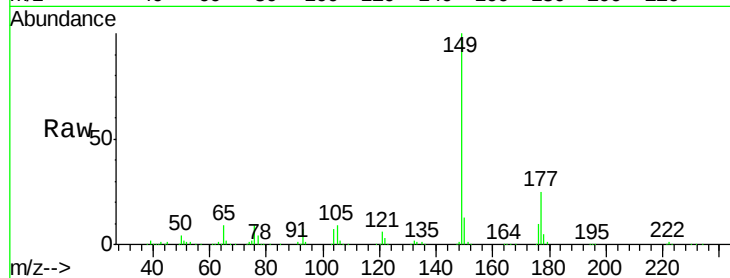




#59
Diethylphthalate
Concen: 32.182 ng
RT: 10.40 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF107174.D
Acq: 6 Jul 2018 15:53

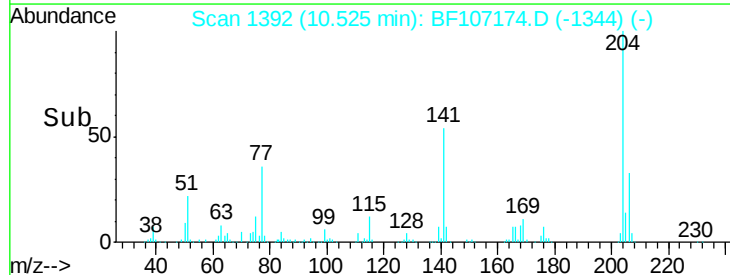
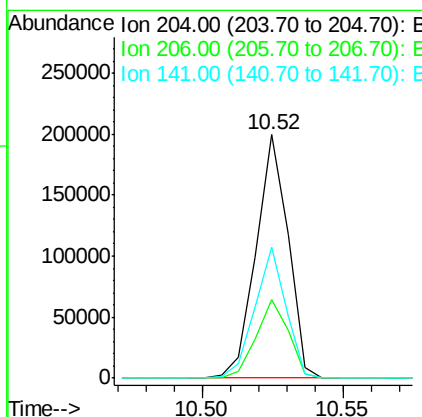
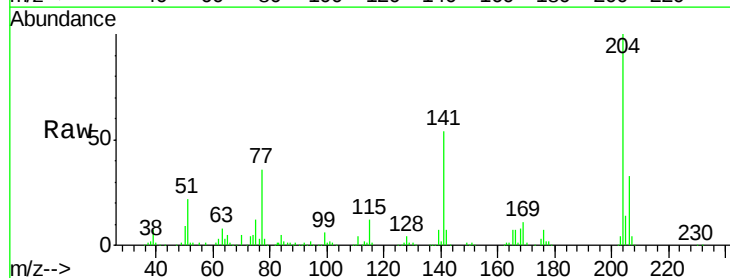
Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMS

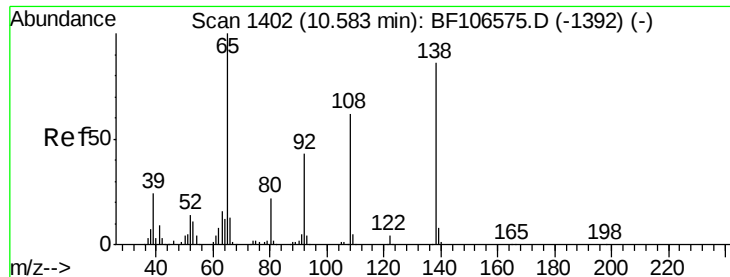
Tgt Ion:149 Resp: 293758
Ion Ratio Lower Upper
149 100
177 25.1 16.1 24.1#
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 35.172 ng
RT: 10.52 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF107174.D
Acq: 6 Jul 2018 15:53

Tgt Ion:204 Resp: 157261
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 53.6 54.6 81.8#

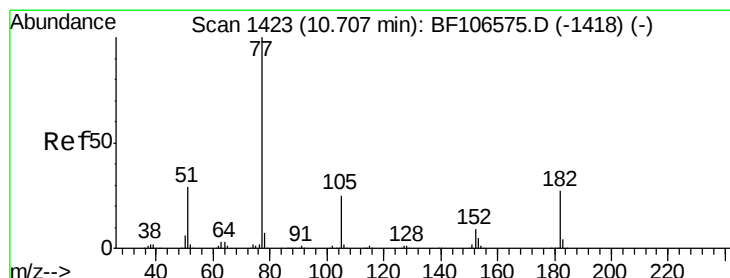
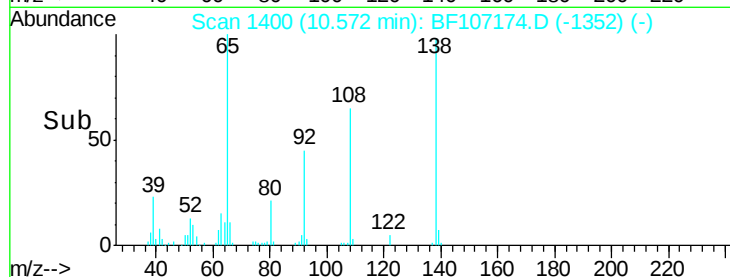
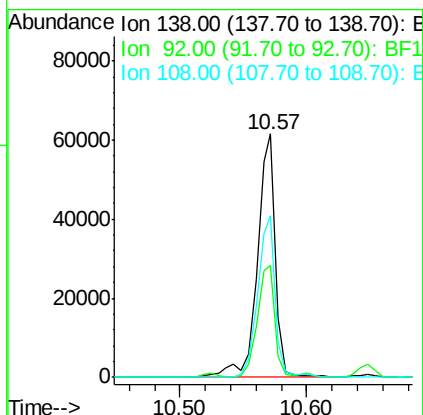
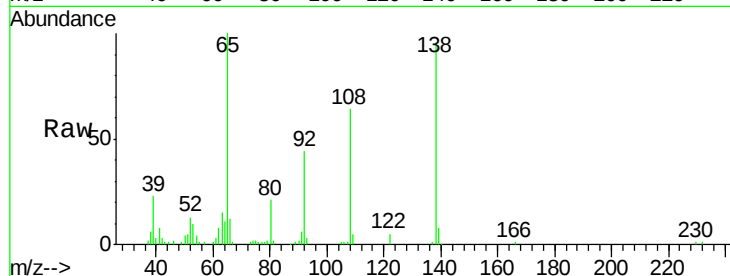




#61
4-Nitroaniline
Concen: 27.179 ng
RT: 10.57 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF107174.D
Acq: 6 Jul 2018 15:53

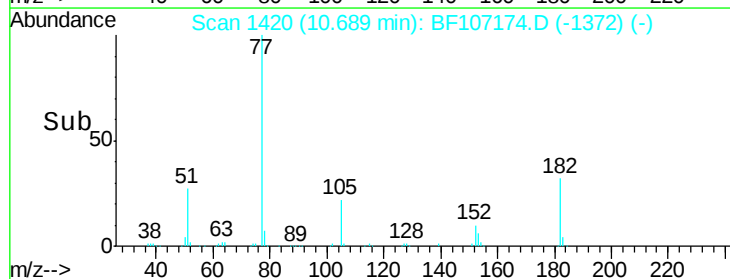
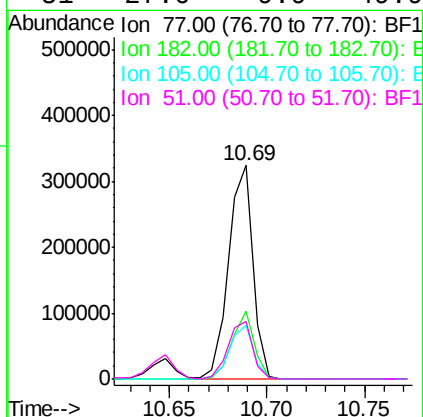
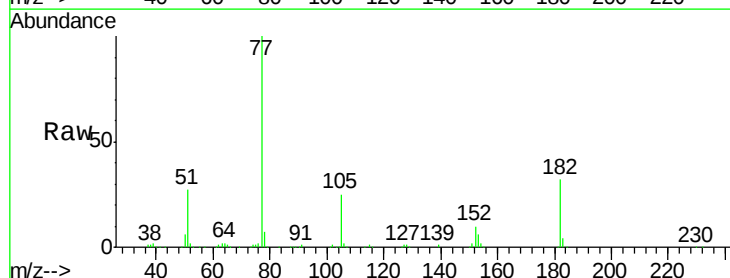
Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMS

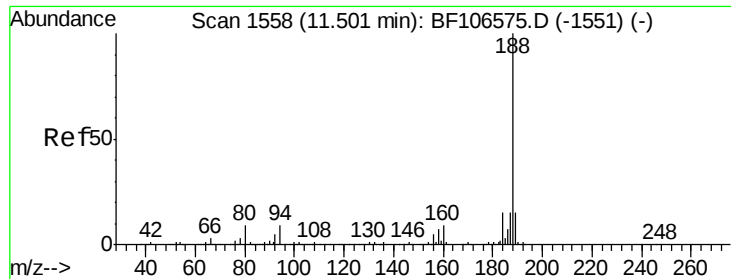
Tgt Ion: 138 Resp: 62162
Ion Ratio Lower Upper
138 100
92 45.8 30.2 70.2
108 66.2 52.5 92.5



#62
Azobenzene
Concen: 31.290 ng
RT: 10.69 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF107174.D
Acq: 6 Jul 2018 15:53

Tgt Ion: 77 Resp: 281265
Ion Ratio Lower Upper
77 100
182 31.5 1.7 41.7
105 25.3 3.0 43.0
51 27.0 9.9 49.9

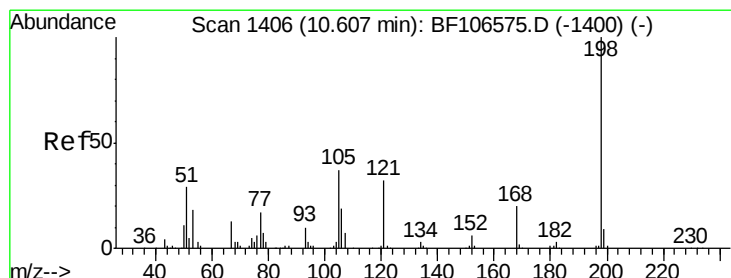
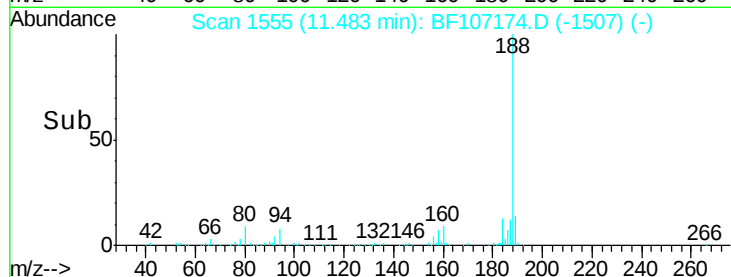
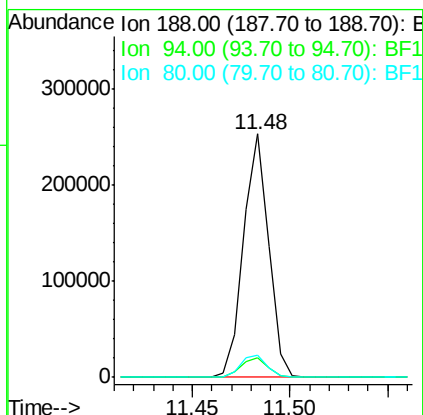
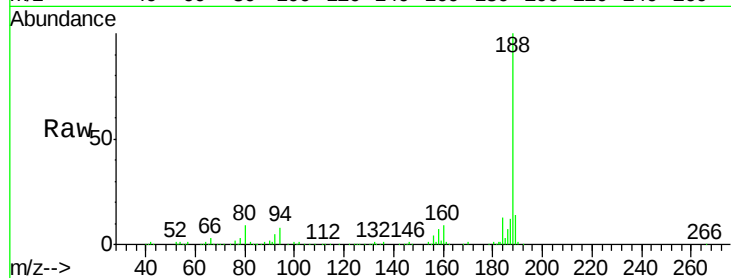




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107174.D
Acq: 6 Jul 2018 15:53

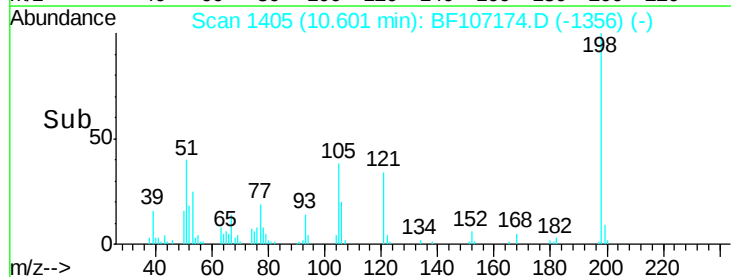
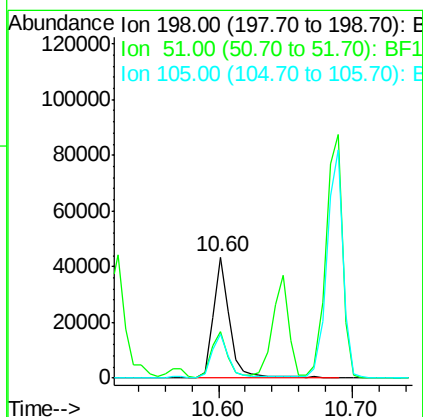
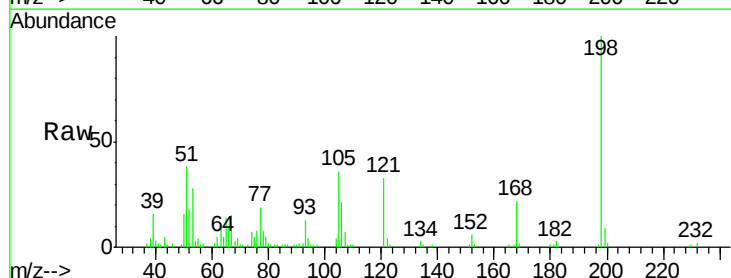
Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMS

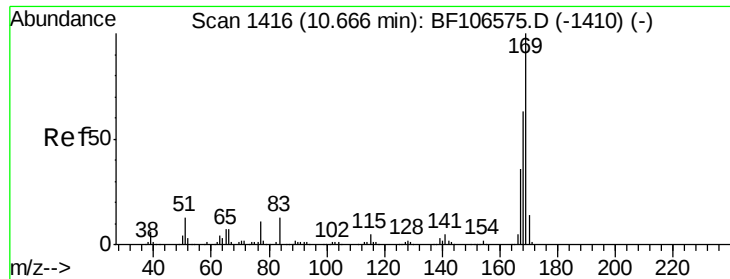
Tgt Ion:188 Resp: 226062
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 9.0 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 27.252 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF107174.D
Acq: 6 Jul 2018 15:53

Tgt Ion:198 Resp: 38081
Ion Ratio Lower Upper
198 100
51 38.2 37.7 77.7
105 36.5 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 34.489 ng

RT: 10.65 min Scan# 1413

Delta R.T. -0.02 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMS

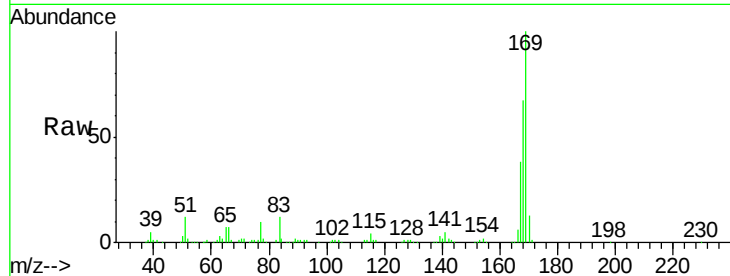
Tgt Ion:169 Resp: 262240

Ion Ratio Lower Upper

169 100

168 67.4 54.4 81.6

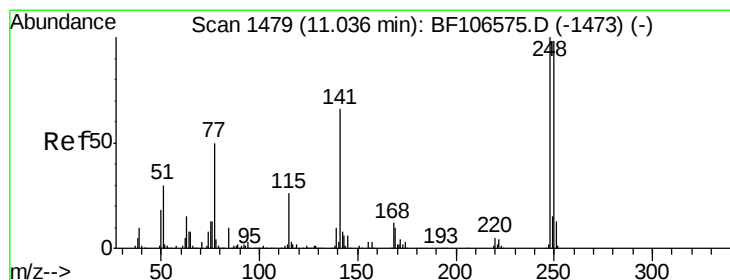
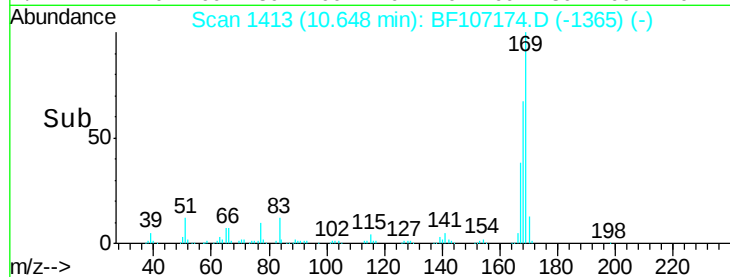
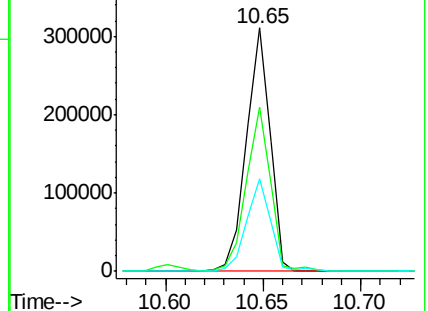
167 38.0 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.971 ng

RT: 11.02 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

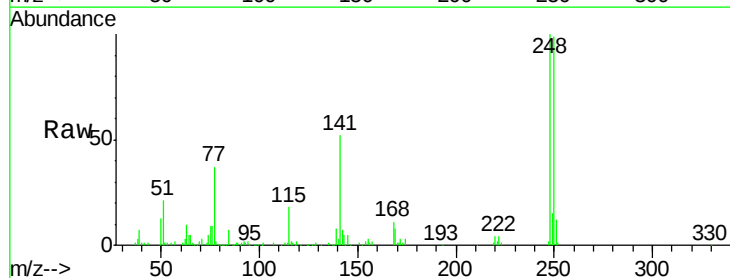
Tgt Ion:248 Resp: 105142

Ion Ratio Lower Upper

248 100

250 99.3 76.9 115.3

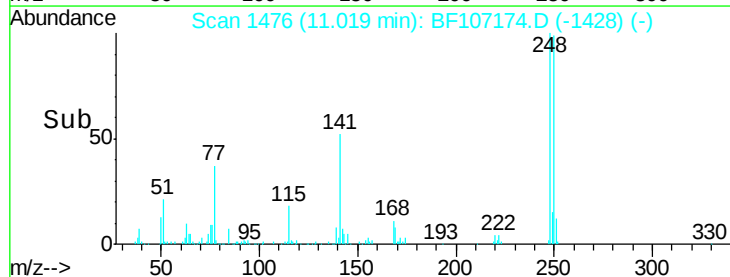
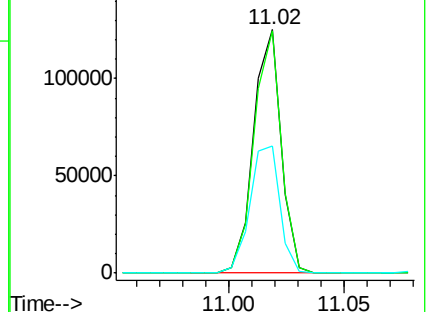
141 52.4 74.4 111.6#

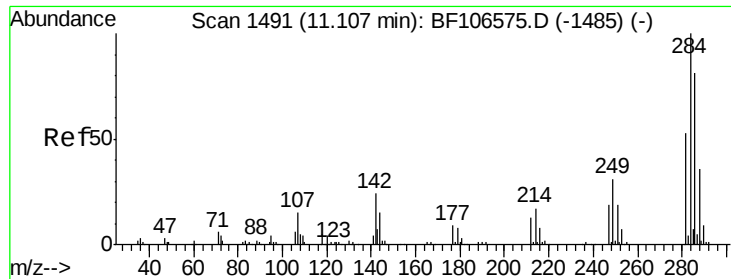


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.841 ng

RT: 11.09 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMS

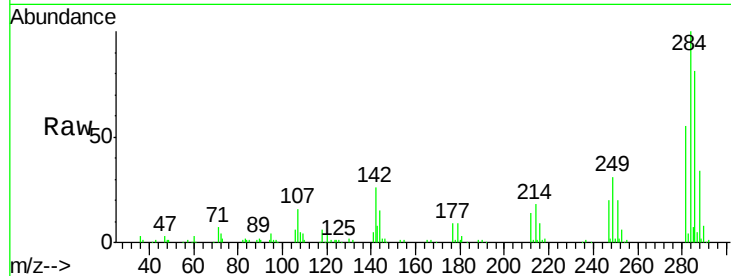
Tgt Ion:284 Resp: 106853

Ion Ratio Lower Upper

284 100

142 25.8 34.6 52.0#

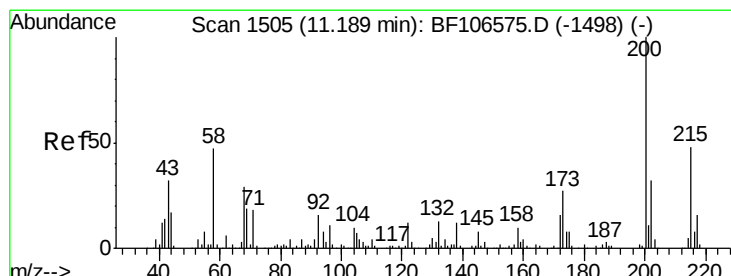
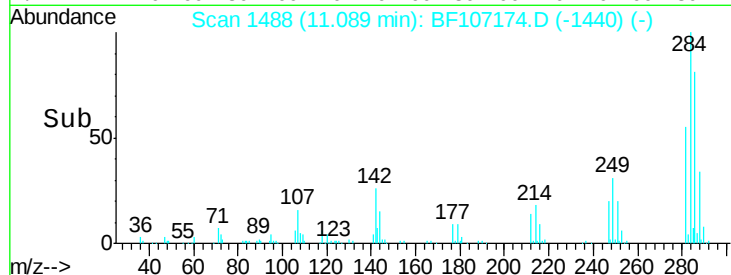
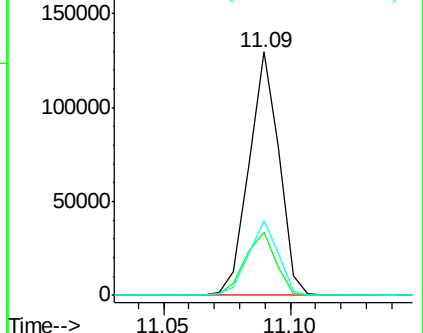
249 30.7 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.150 ng

RT: 11.17 min Scan# 1502

Delta R.T. -0.02 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

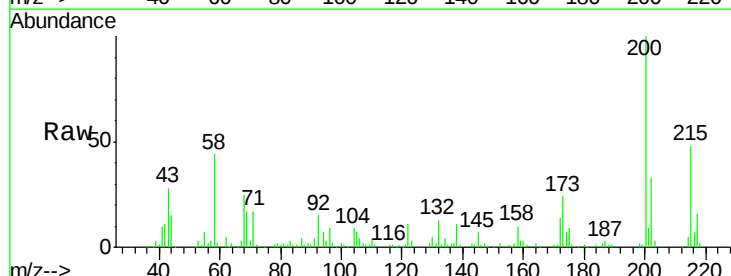
Tgt Ion:200 Resp: 89800

Ion Ratio Lower Upper

200 100

173 24.2 8.6 48.6

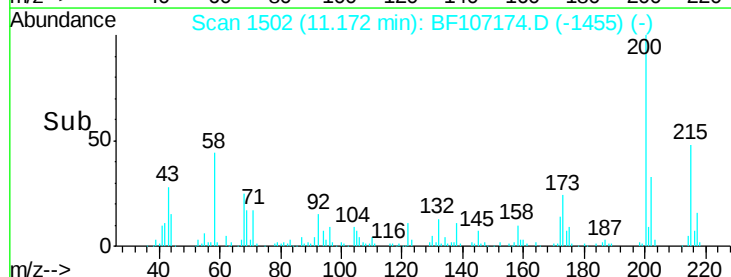
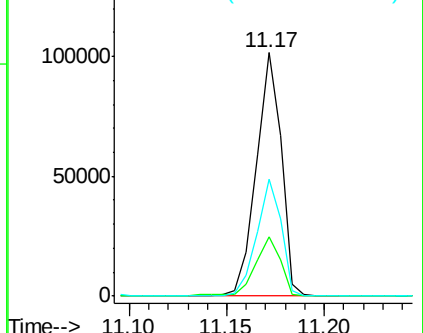
215 48.2 25.1 65.1

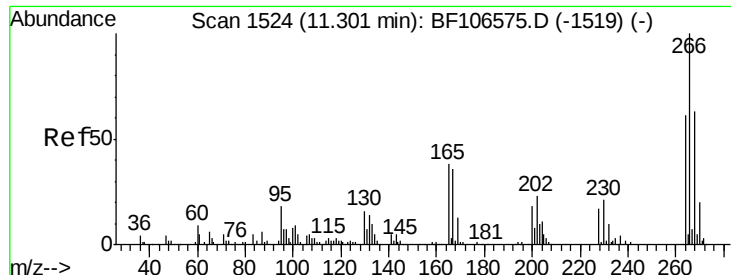


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

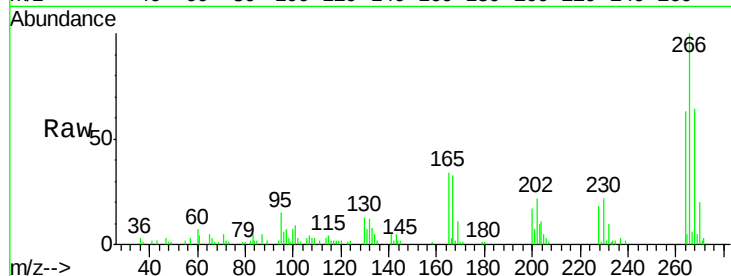




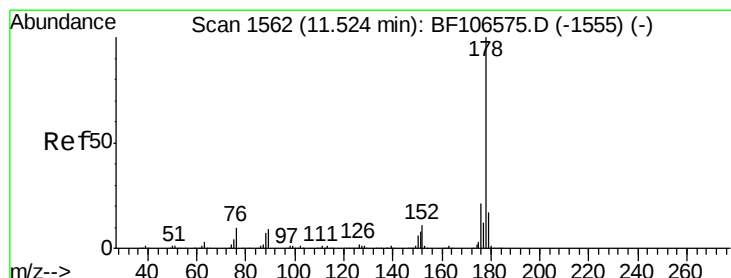
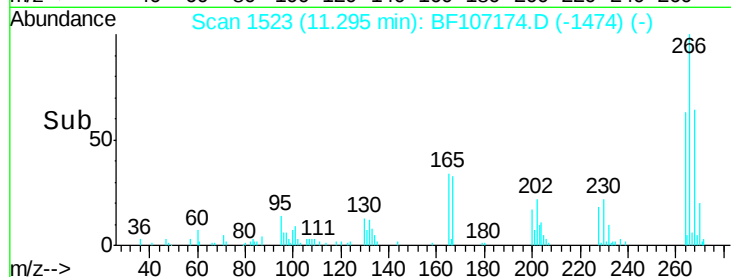
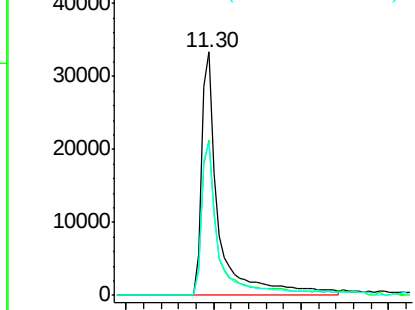
#69
 Pentachlorophenol
 Concen: 32.401 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

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

Tgt Ion:266 Resp: 45651
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.1 76.7
 264 62.7 49.5 74.3

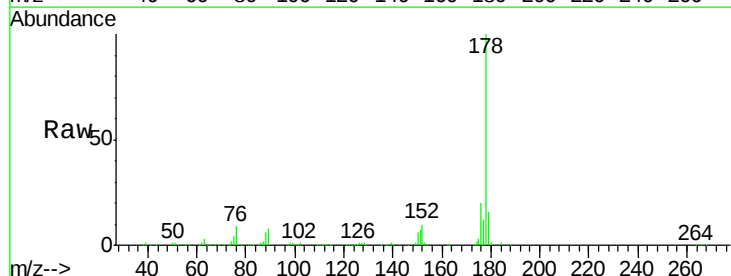


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

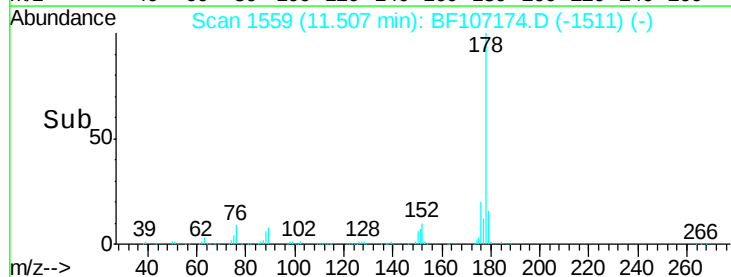
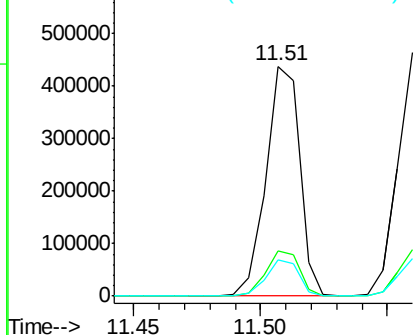


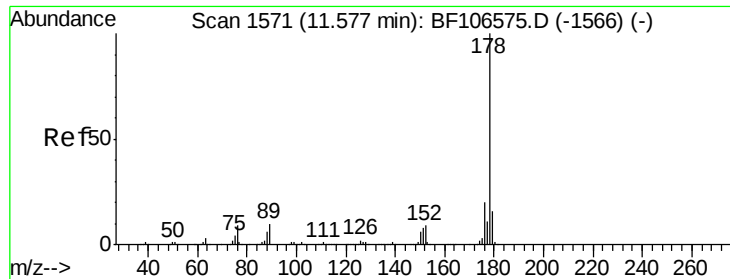
#70
 Phenanthrene
 Concen: 37.221 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. -0.02 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

Tgt Ion:178 Resp: 405837
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.8 13.0 19.6



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

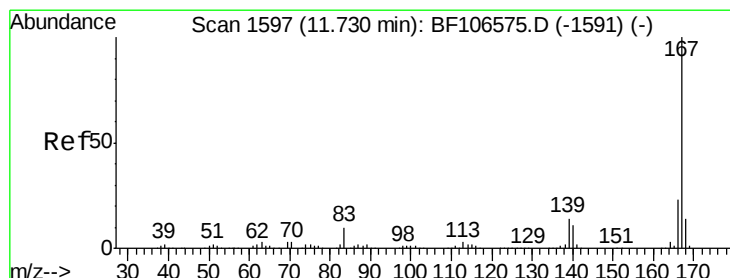
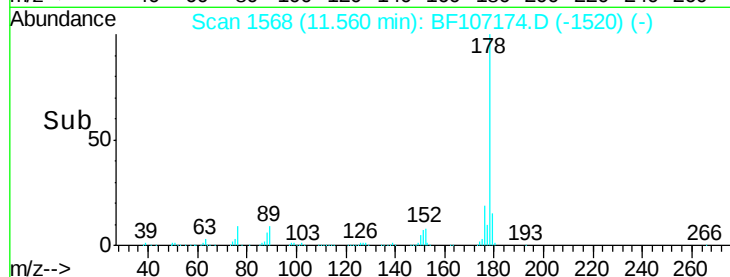
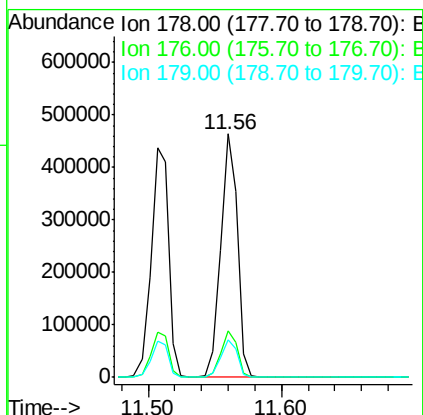
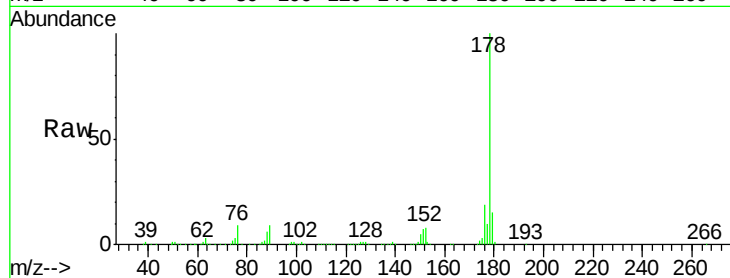




#71
 Anthracene
 Concen: 37.239 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

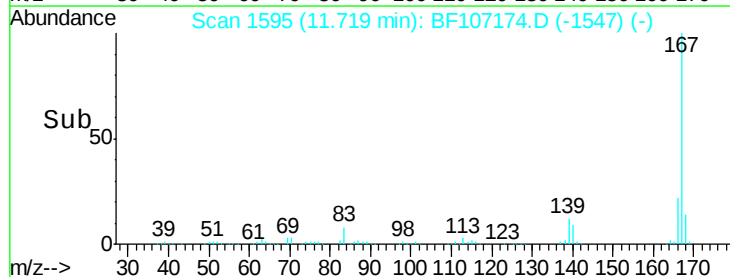
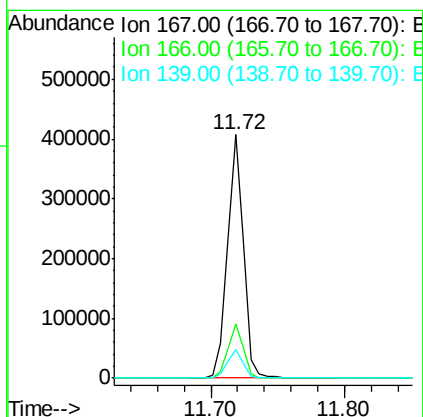
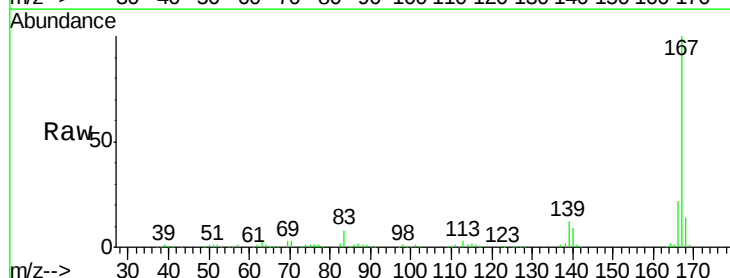
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMS

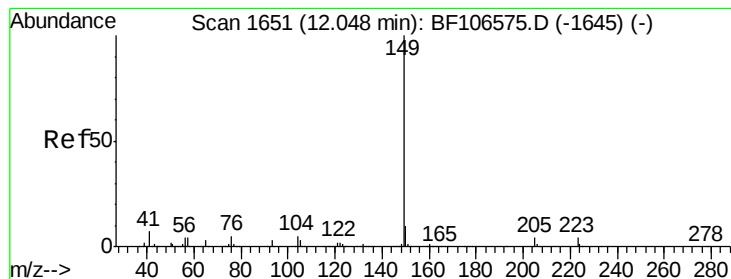
Tgt Ion:178 Resp: 414437
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 33.149 ng
 RT: 11.72 min Scan# 1595
 Delta R.T. -0.02 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

Tgt Ion:167 Resp: 345402
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 11.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 32.627 ng

RT: 12.02 min Scan# 1647

Delta R.T. -0.02 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMS

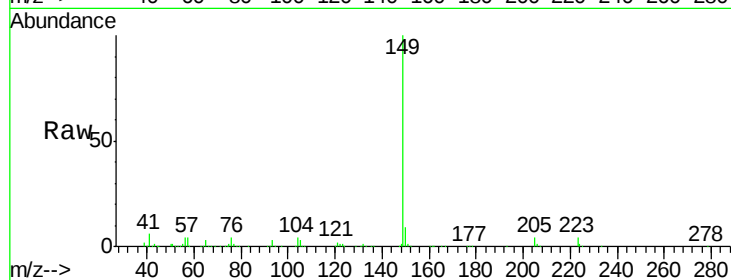
Tgt Ion:149 Resp: 400505

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

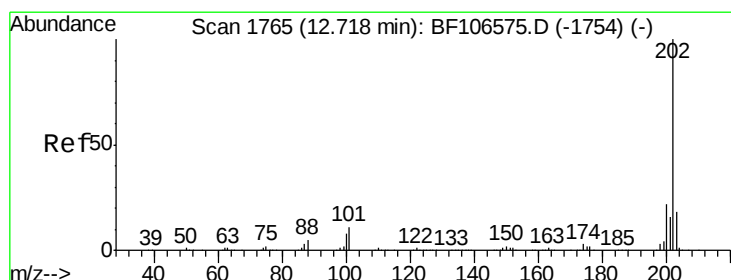
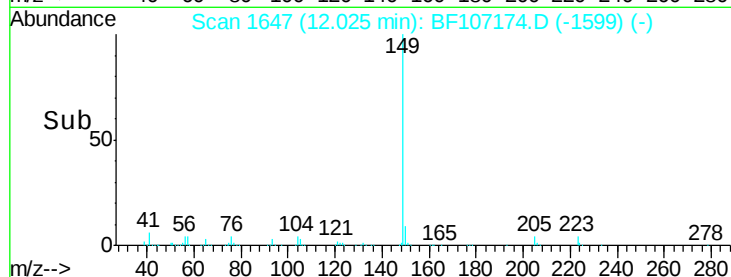
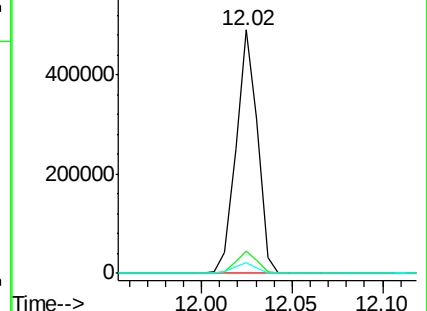
104 4.5 3.8 5.8



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: 31.093 ng

RT: 12.70 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

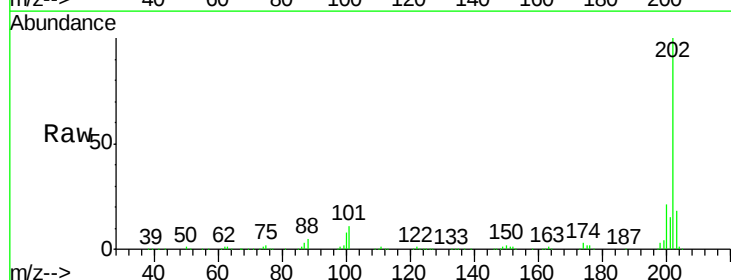
Tgt Ion:202 Resp: 373669

Ion Ratio Lower Upper

202 100

101 10.8 0.0 34.1

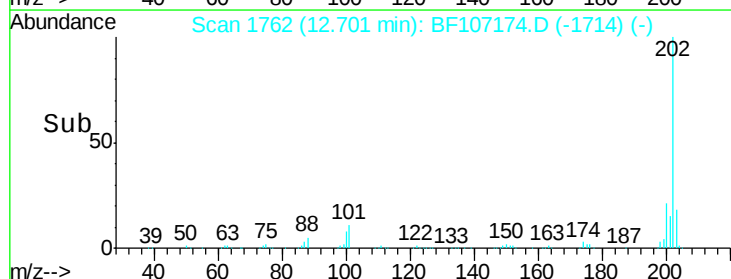
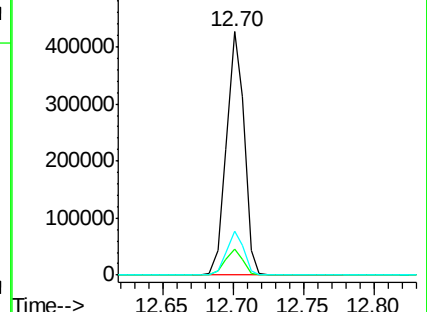
203 17.8 0.0 38.1

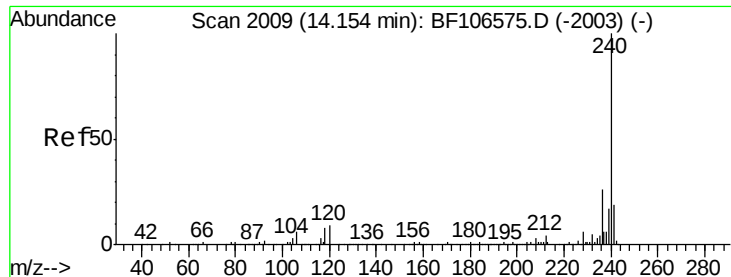


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF107174.D

Acq: 6 Jul 2018 15:53

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMS

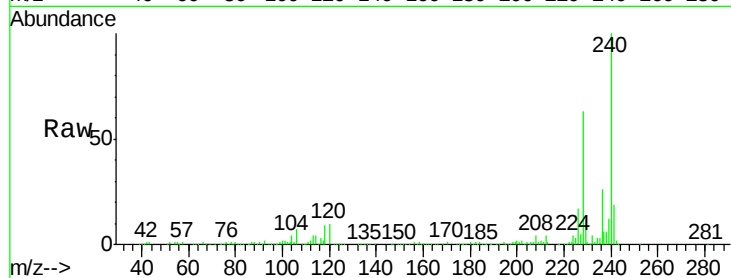
Tgt Ion:240 Resp: 166001

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

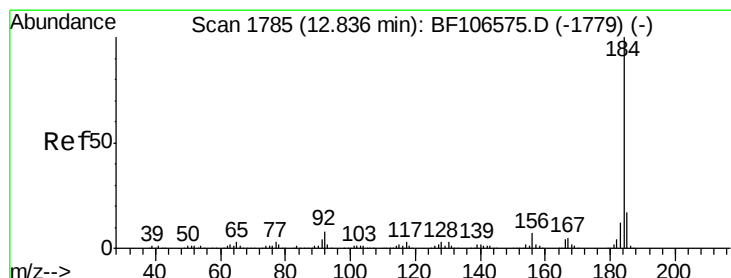
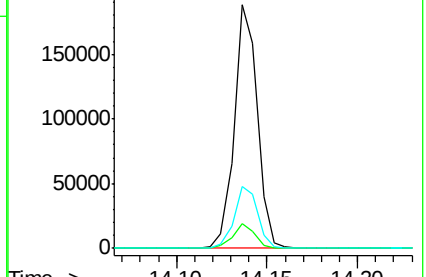
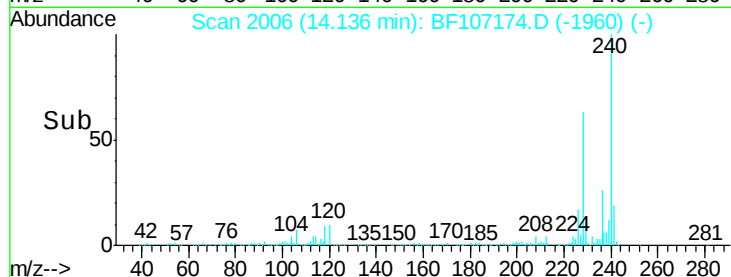
236 25.6 20.7 31.1



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



#76

Benzidine

Concen: 27.774 ng

RT: 12.82 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

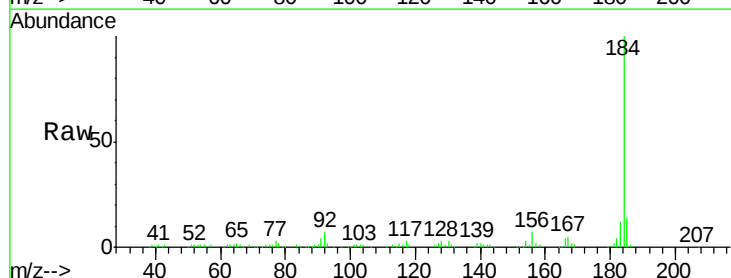
Tgt Ion:184 Resp: 131306

Ion Ratio Lower Upper

184 100

185 13.6 12.6 18.8

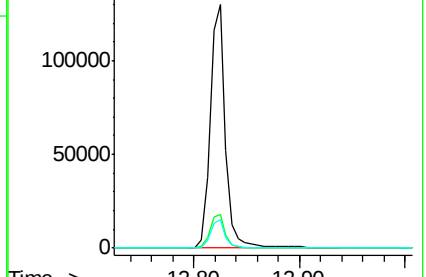
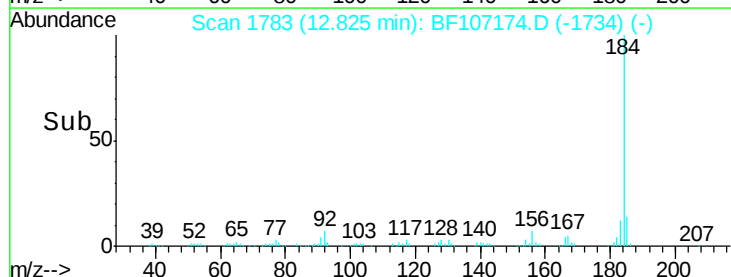
183 11.8 9.3 13.9

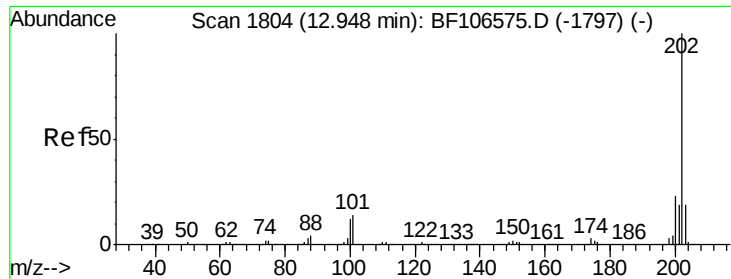


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

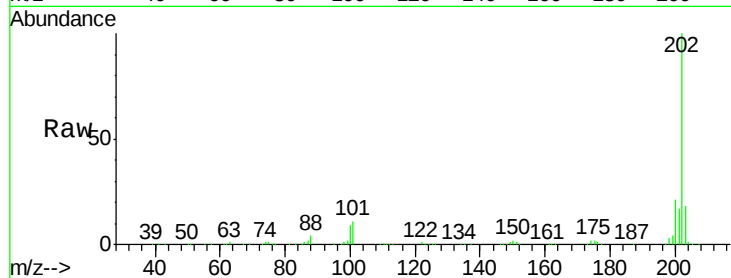




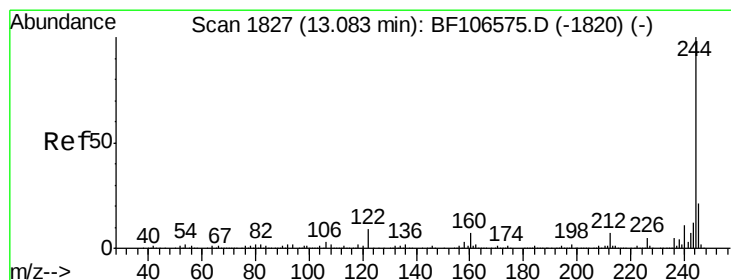
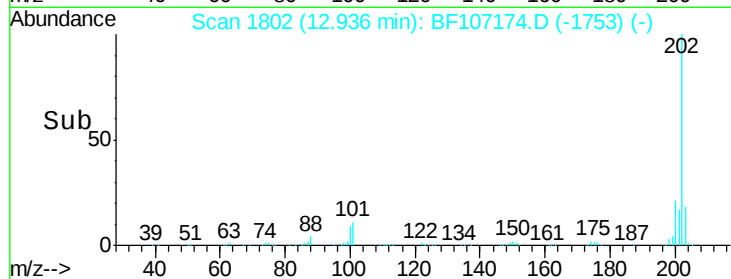
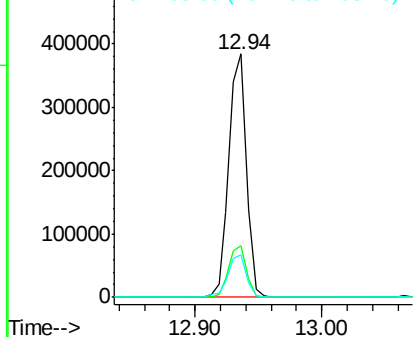
#77
 Pyrene
 Concen: 33.585 ng
 RT: 12.94 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

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

Tgt Ion: 202 Resp: 367643
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.4 26.2
 203 17.6 14.3 21.5

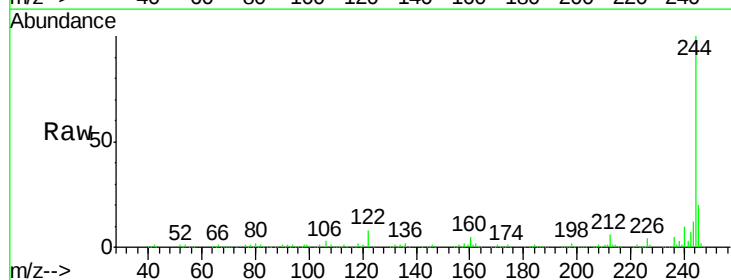


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

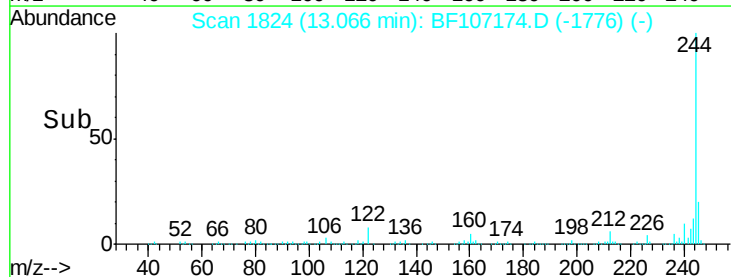
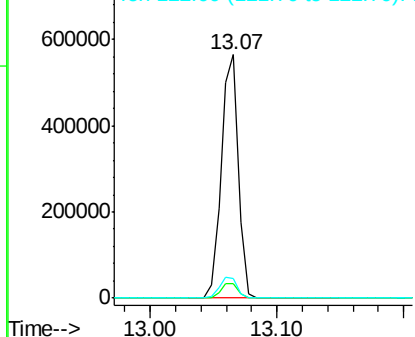


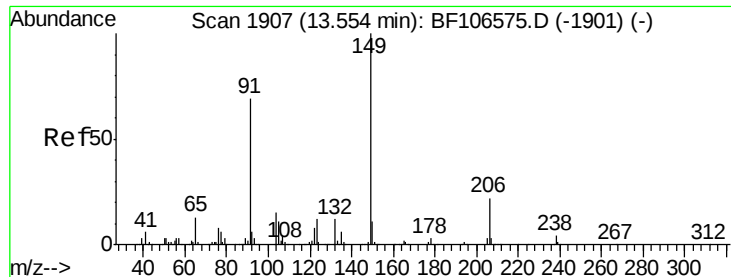
#78
 Terphenyl-d14
 Concen: 77.035 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

Tgt Ion: 244 Resp: 527925
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 7.9 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

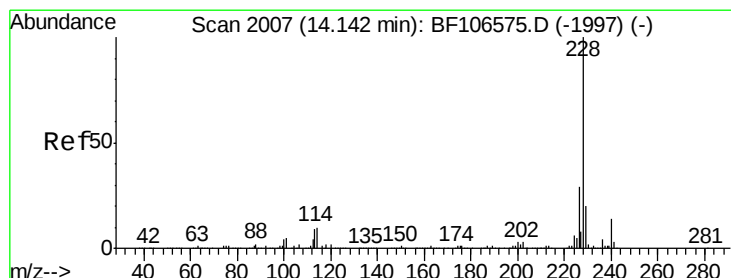
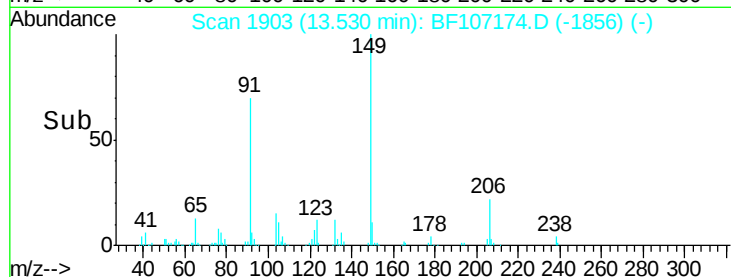
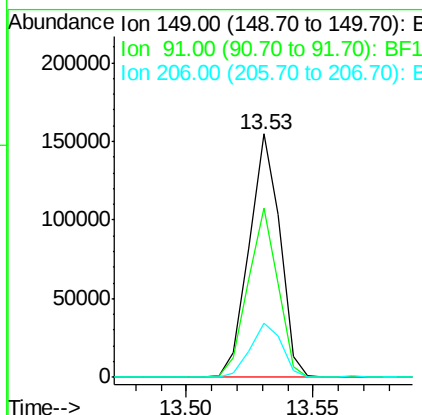
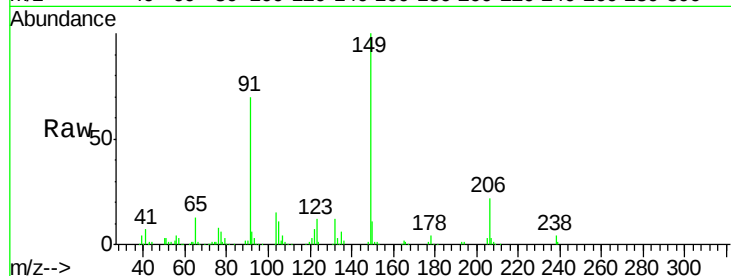




#79
Butylbenzylphthalate
Concen: 29.045 ng
RT: 13.53 min Scan# 1903
Delta R.T. -0.02 min
Lab File: BF107174.D
Acq: 6 Jul 2018 15:53

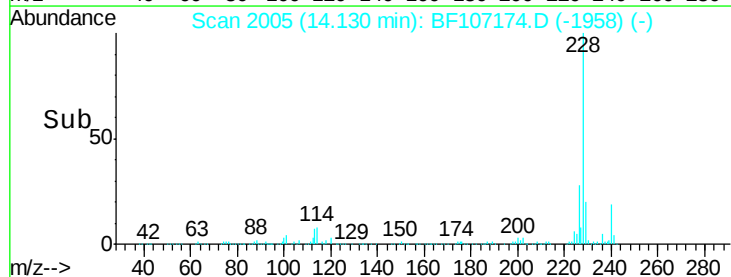
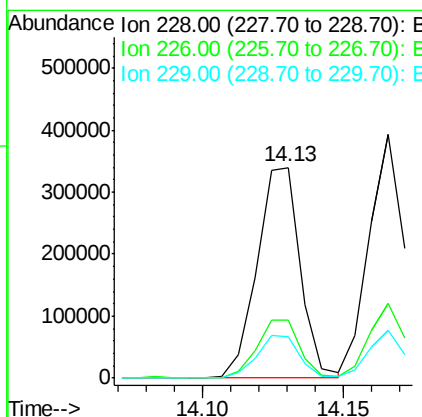
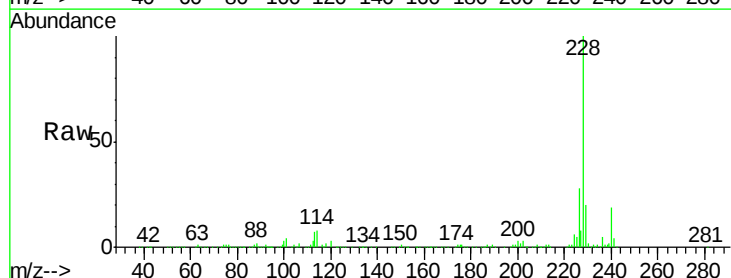
Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMS

Tgt Ion:149 Resp: 130723
Ion Ratio Lower Upper
149 100
91 69.7 56.8 85.2
206 22.2 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 35.541 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF107174.D
Acq: 6 Jul 2018 15:53

Tgt Ion:228 Resp: 359574
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 19.7 15.8 23.6

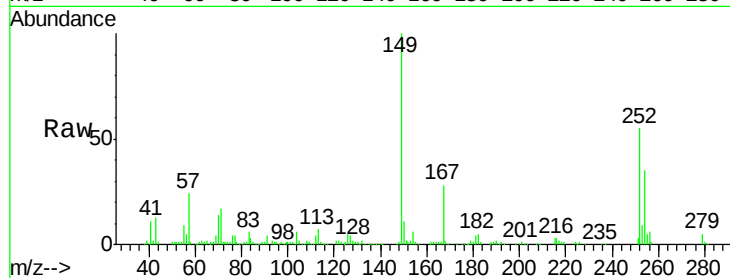




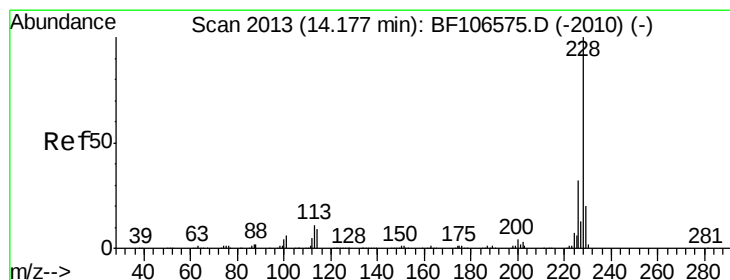
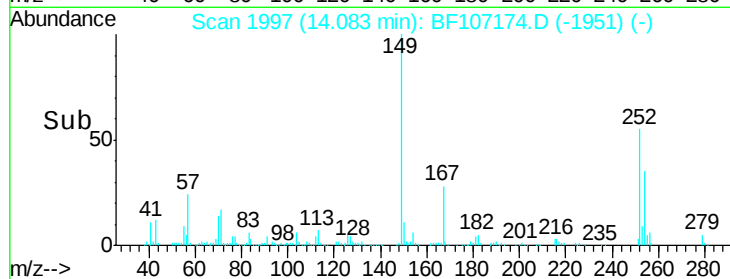
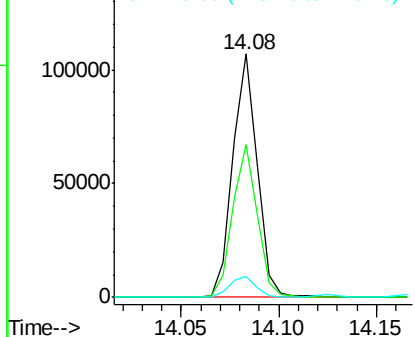
#81
 3,3'-Dichlorobenzidine
 Concen: 26.220 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

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

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	50.4	75.6
126	8.4	11.3	16.9#

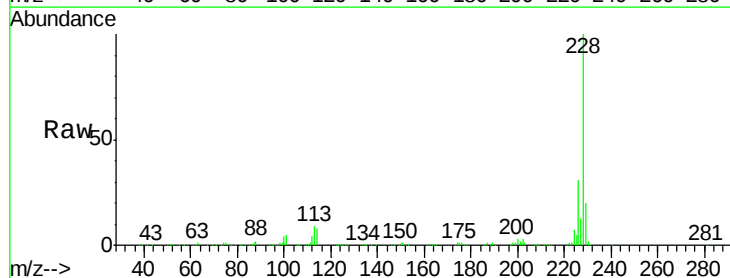


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

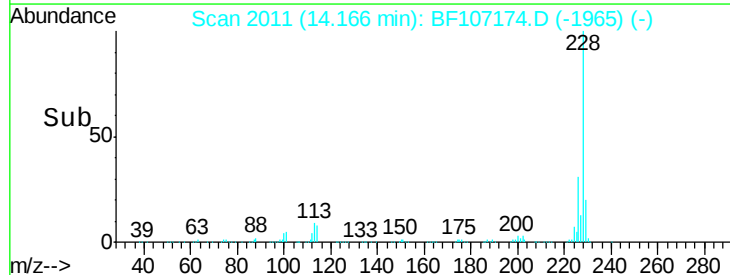
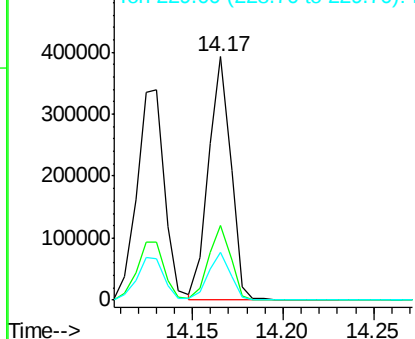


#82
 Chrysene
 Concen: 36.057 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.03 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.8	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

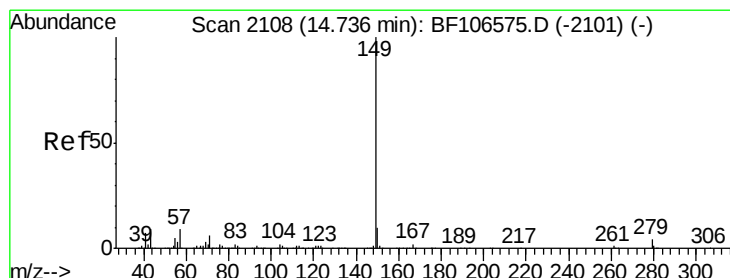
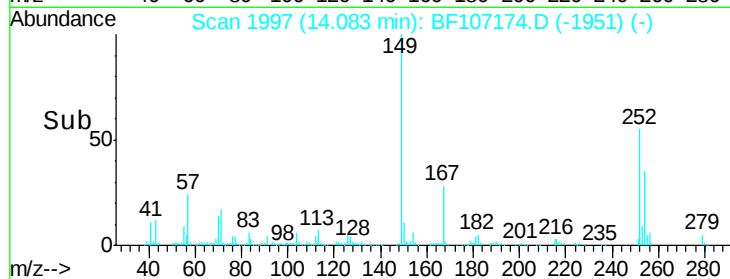
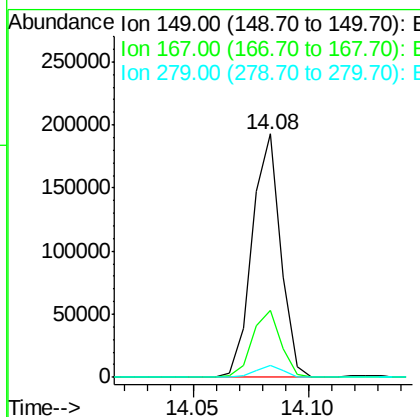
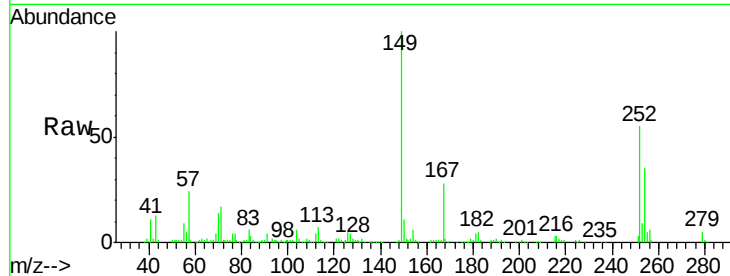




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.986 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

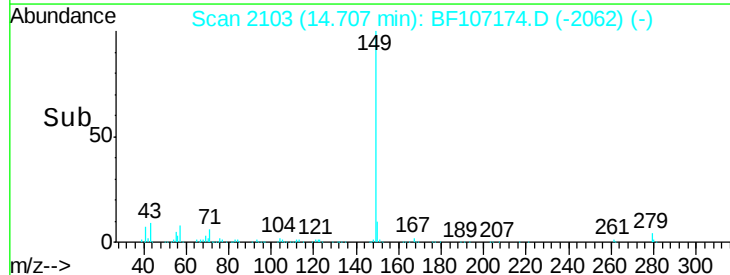
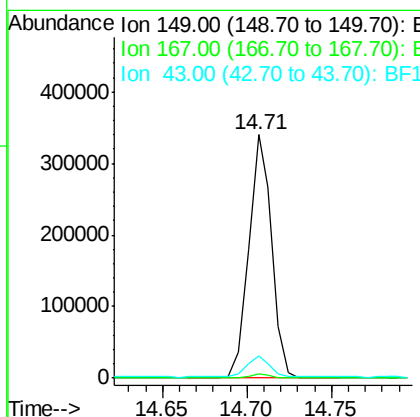
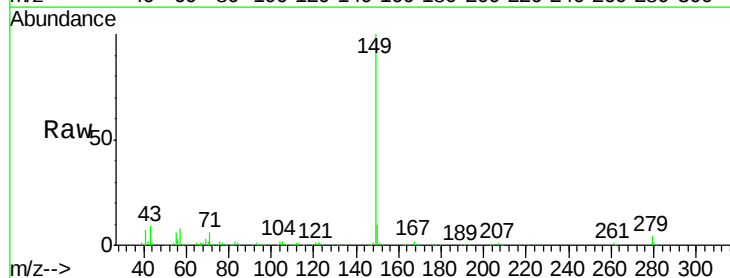
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMS

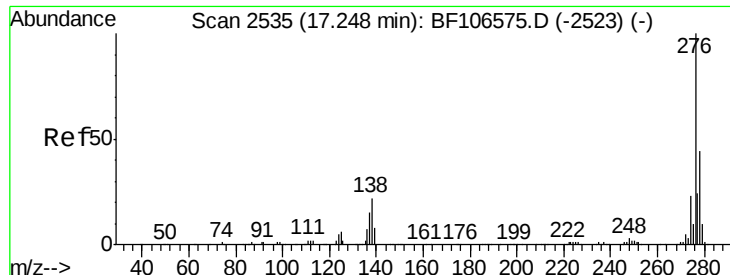
Tgt Ion:149 Resp: 166786
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.3 31.9
 279 4.8 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 34.259 ng
 RT: 14.71 min Scan# 2103
 Delta R.T. -0.06 min
 Lab File: BF107174.D
 Acq: 6 Jul 2018 15:53

Tgt Ion:149 Resp: 321321
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8
 43 8.7 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.468 ng

RT: 17.26 min Scan# 2537

Delta R.T. -0.05 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMS

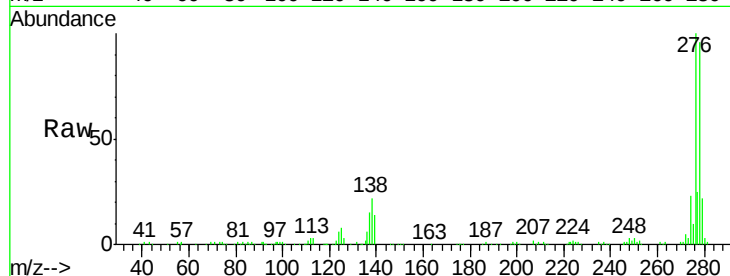
Tgt Ion:276 Resp: 327553

Ion Ratio Lower Upper

276 100

138 21.4 25.0 37.6#

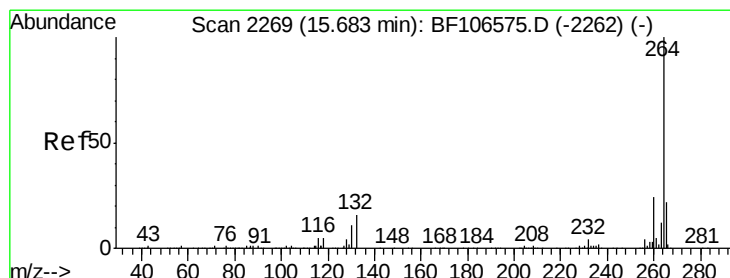
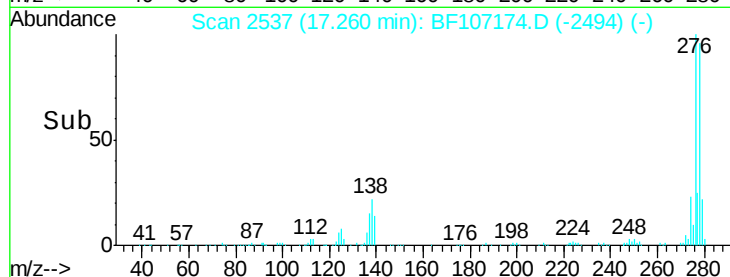
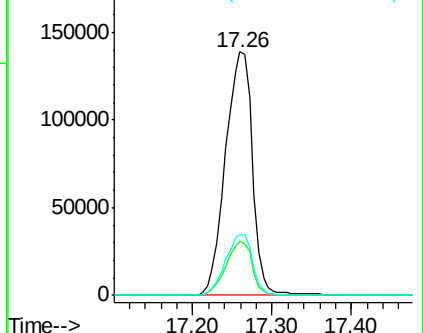
277 25.0 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.04 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

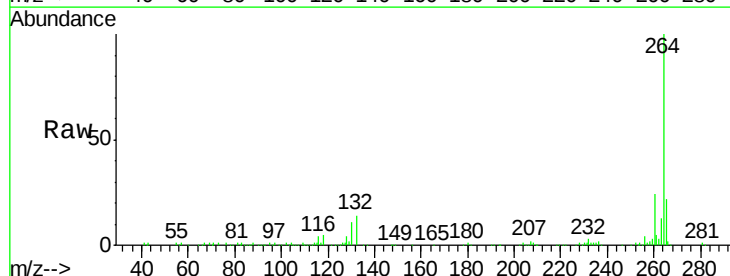
Tgt Ion:264 Resp: 183619

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

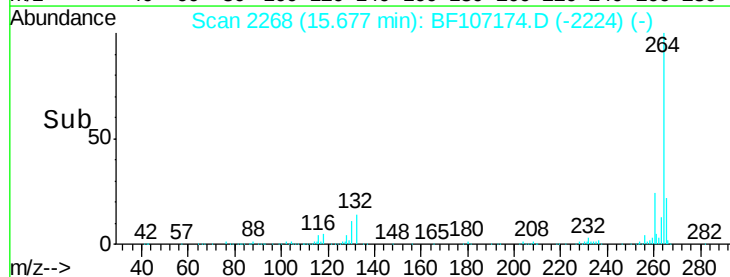
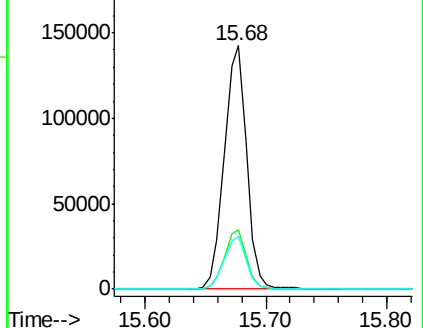
265 21.8 17.5 26.3

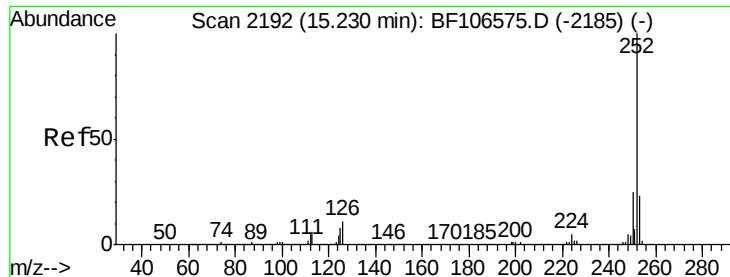


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

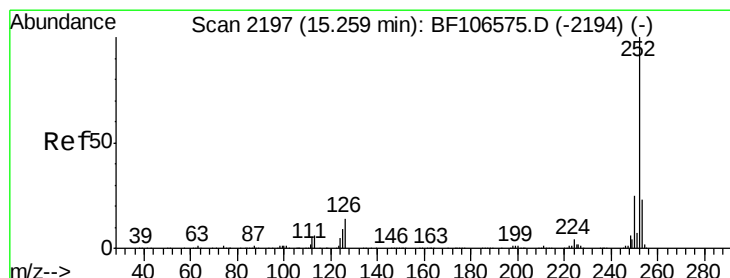
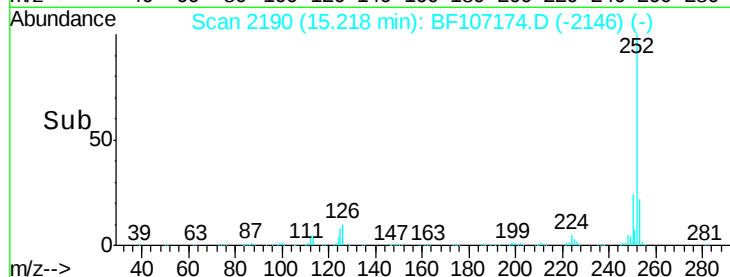
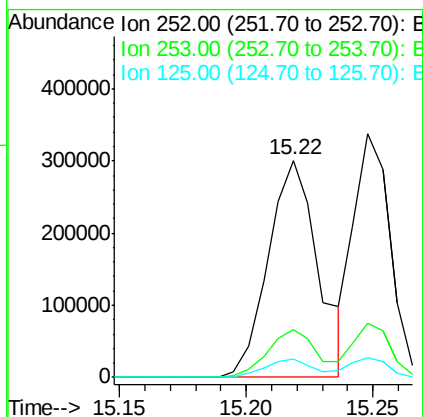
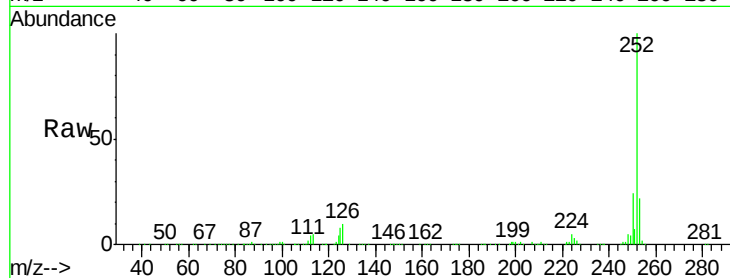




#87
Benzo(b)fluoranthene
Concen: 36.292 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF107174.D
Acq: 6 Jul 2018 15:53

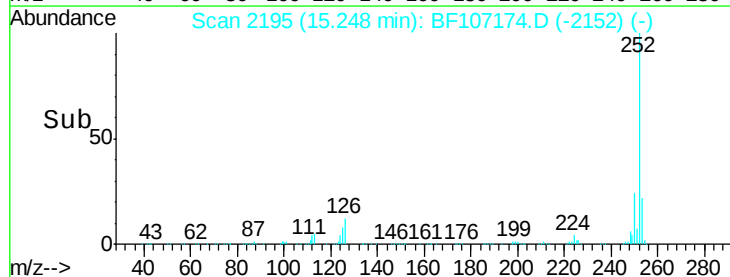
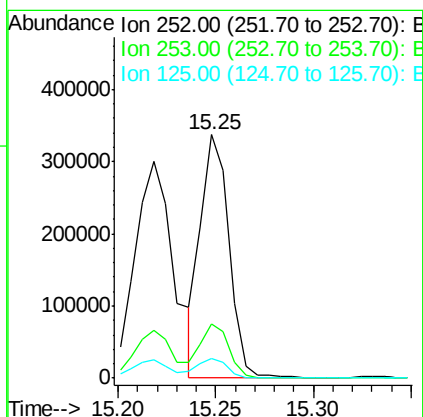
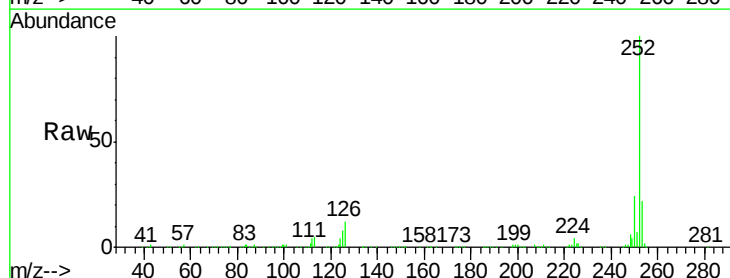
Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMS

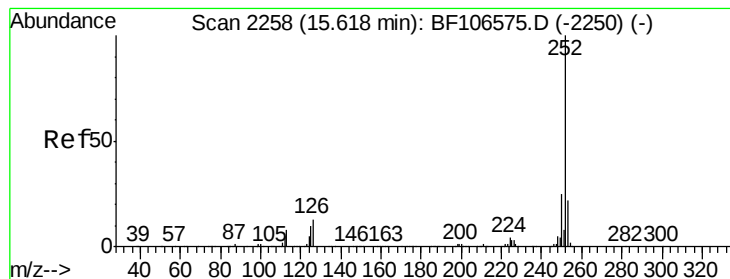
Tgt Ion:252 Resp: 413955
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 8.2 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 31.314 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.05 min
Lab File: BF107174.D
Acq: 6 Jul 2018 15:53

Tgt Ion:252 Resp: 340138
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 8.3 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 36.143 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.04 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMS

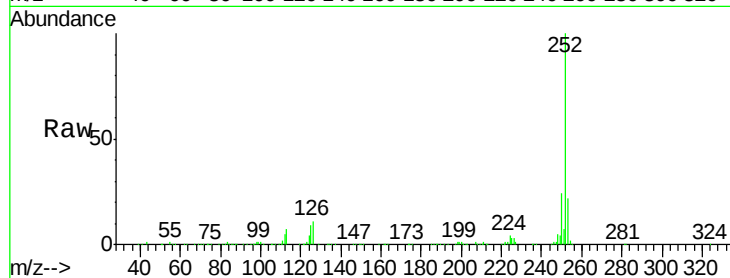
Tgt Ion:252 Resp: 366488

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

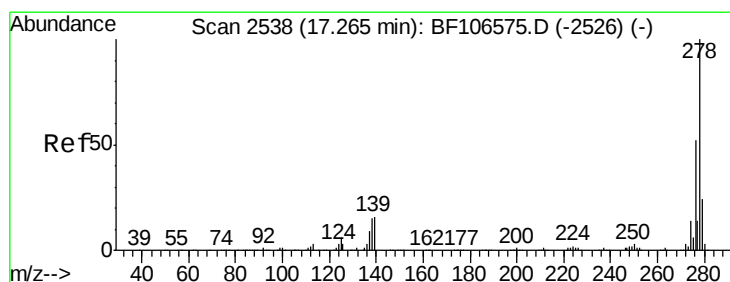
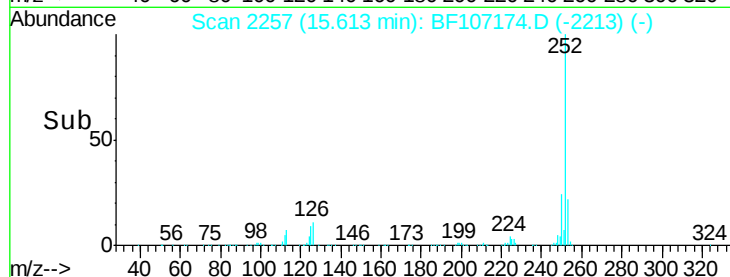
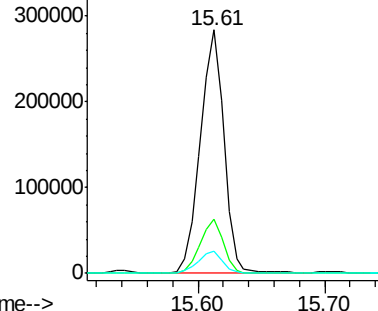
125 9.0 9.8 14.6#



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: 32.184 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.06 min

Lab File: BF107174.D

Acq: 6 Jul 2018 15:53

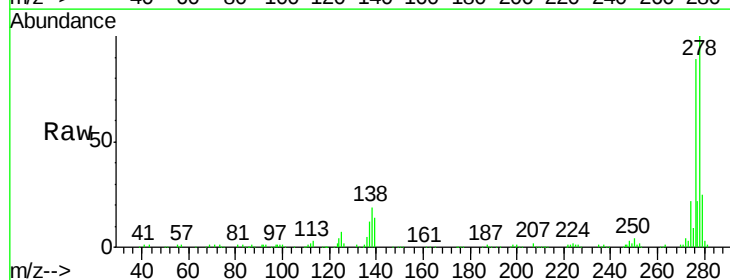
Tgt Ion:278 Resp: 276573

Ion Ratio Lower Upper

278 100

139 13.7 15.9 23.9#

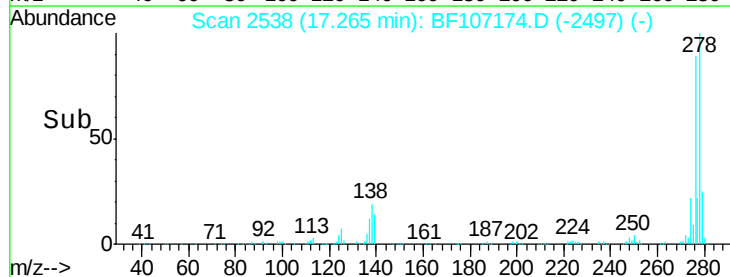
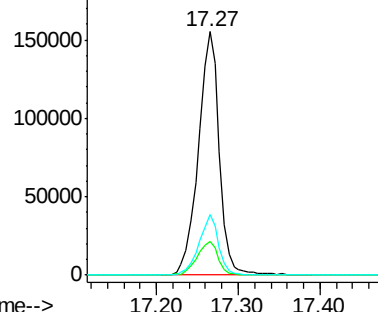
279 24.6 19.0 28.4

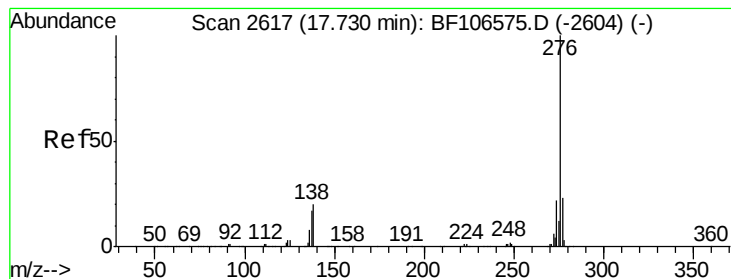


Abundance Ion 278.00 (277.70 to 278.70): E

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: 30.918 ng

RT: 17.74 min Scan# 2619

Delta R.T. -0.05 min

Lab File: BF107174.D

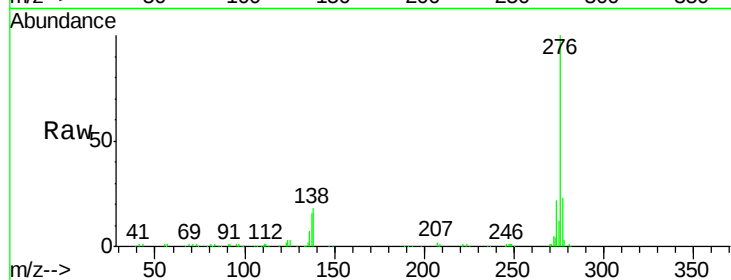
Acq: 6 Jul 2018 15:53

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMS



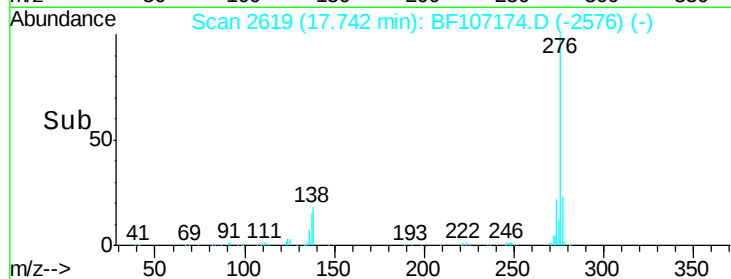
Tgt Ion: 276 Resp: 259690

Ion Ratio Lower Upper

276 100

277 22.8 17.9 26.9

138 17.9 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

