

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073118\
 Data File : BF107866.D
 Acq On : 31 Jul 2018 22:47
 Operator : JU/SJ
 Sample : J4236-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMSD

Quant Time: Aug 01 01:00:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	167659	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	675283	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	268265	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	450883	20.00	ng	0.00
75) Chrysene-d12	14.15	240	387679	20.00	ng	0.00
86) Perylene-d12	15.69	264	407448	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	984764	99.82	ng	0.01
7) Phenol-d6	6.61	99	1220848	93.90	ng	0.00
23) Nitrobenzene-d5	7.53	82	810367	69.13	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	300882	82.54	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1341803	69.70	ng	0.00
78) Terphenyl-d14	13.08	244	1097061	61.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	137518	31.919	ng	87
3) Pyridine	3.65	79	300203	28.800	ng	86
4) n-Nitrosodimethylamine	3.63	42	103321	20.584	ng	99
6) Aniline	6.64	93	398257	29.450	ng	# 69
8) 2-Chlorophenol	6.75	128	420640	33.946	ng	96
9) Benzaldehyde	6.52	77	166659	21.246	ng	94
10) Phenol	6.62	94	470634	30.355	ng	92
11) bis(2-Chloroethyl)ether	6.70	93	351352	25.485	ng	93
12) 1,3-Dichlorobenzene	6.90	146	430629	33.134	ng	98
13) 1,4-Dichlorobenzene	6.98	146	482498	33.351	ng	98
14) 1,2-Dichlorobenzene	7.13	146	430842	32.081	ng	99
15) Benzyl Alcohol	7.11	79	283371	35.066	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	666720	33.636	ng	72
17) 2-Methylphenol	7.22	107	322483	35.254	ng	# 83
18) Hexachloroethane	7.47	117	152255	29.279	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	279768	33.922	ng	98
20) 3+4-Methylphenols	7.38	107	372795	33.194	ng	# 62
22) Acetophenone	7.37	105	587740	36.177	ng	# 91
24) Nitrobenzene	7.55	77	397269	32.322	ng	99
25) Isophorone	7.78	82	765007	39.760	ng	99
26) 2-Nitrophenol	7.87	139	220970	35.823	ng	96
27) 2,4-Dimethylphenol	7.90	122	359193	43.494	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	497354	39.223	ng	98
29) 2,4-Dichlorophenol	8.11	162	336059	35.975	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	364294	34.184	ng	98
31) Naphthalene	8.27	128	1212006	38.611	ng	100
32) Benzoic acid	7.90	122	359193	63.754	ng	# 14
33) 4-Chloroaniline	8.32	127	341838	25.495	ng	97
34) Hexachlorobutadiene	8.37	225	209851	31.866	ng	98
35) Caprolactam	8.68	113	90104	32.041	ng	# 82
36) 4-Chloro-3-methylphenol	8.81	107	353492	34.843	ng	97
37) 2-Methylnaphthalene	8.95	142	769608	39.031	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	358368	39.181	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	83747	26.714	ng	98

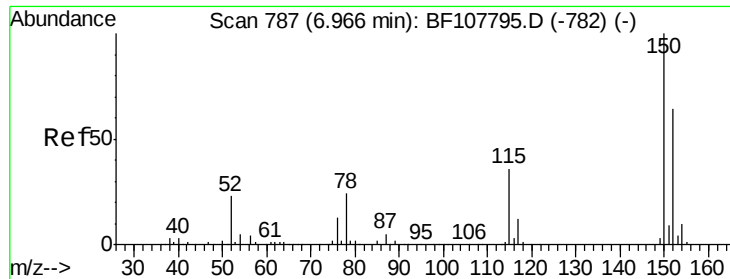
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073118\
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 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	212704	42.066	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	227483	37.370	ng	97
45) 1,1'-Biphenyl	9.42	154	938240	38.431	ng	99
46) 2-Chloronaphthalene	9.45	162	700377	38.043	ng	98
47) 2-Nitroaniline	9.56	65	229405	38.308	ng	94
48) Acenaphthylene	9.87	152	1095899	38.397	ng	99
49) Dimethylphthalate	9.72	163	890100	44.181	ng	99
50) 2,6-Dinitrotoluene	9.79	165	167269	38.204	ng	91
51) Acenaphthene	10.04	154	625744	37.742	ng	99
52) 3-Nitroaniline	9.98	138	166949	30.260	ng	90
53) 2,4-Dinitrophenol	10.12	184	1681	9.092	ng	# 1
54) Dibenzofuran	10.21	168	912997	35.628	ng	99
55) 4-Nitrophenol	10.15	139	112763	47.684	ng	88
56) 2,4-Dinitrotoluene	10.20	165	195719	34.011	ng	# 92
57) Fluorene	10.55	166	705010	35.400	ng	94
58) 2,3,4,6-Tetrachlorophenol	10.33	232	173954	31.112	ng	# 84
59) Diethylphthalate	10.41	149	778723	35.950	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	357964	32.995	ng	91
61) 4-Nitroaniline	10.60	138	150522	30.743	ng	95
62) Azobenzene	10.70	77	674676	33.443	ng	97
64) 4,6-Dinitro-2-methylphenol	10.61	198	21527	8.776	ng	# 79
65) n-Nitrosodiphenylamine	10.67	169	622652	41.940	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	196888	37.465	ng	# 85
67) Hexachlorobenzene	11.10	284	203686	34.952	ng	# 89
68) Atrazine	11.18	200	175820	40.013	ng	96
69) Pentachlorophenol	11.30	266	142805	49.779	ng	98
70) Phenanthrene	11.52	178	851961	39.794	ng	98
71) Anthracene	11.58	178	935865	37.898	ng	99
72) Carbazole	11.74	167	831319	34.066	ng	99
73) Di-n-butylphthalate	12.04	149	1013633	38.074	ng	99
74) Fluoranthene	12.72	202	944623	37.557	ng	96
76) Benzidine	12.85	184	558188	44.532	ng	97
77) Pyrene	12.95	202	929548	33.298	ng	98
79) Butylbenzylphthalate	13.55	149	389882	31.893	ng	90
80) Benzo(a)anthracene	14.14	228	834652	38.007	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	306207	35.970	ng	# 98
82) Chrysene	14.18	228	928732	39.209	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	530600	34.526	ng	99
84) Di-n-octyl phthalate	14.72	149	1033157	41.883	ng	97
85) Indeno(1,2,3-cd)pyrene	17.28	276	702639	38.999	ng	93
87) Benzo(b)fluoranthene	15.23	252	795475	39.585	ng	98
88) Benzo(k)fluoranthene	15.26	252	878761	35.618	ng	98
89) Benzo(a)pyrene	15.62	252	771753	37.201	ng	97
90) Dibenzo(a,h)anthracene	17.28	278	579397	32.018	ng	97
91) Benzo(g,h,i)perylene	17.75	276	540529	30.871	ng	95

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

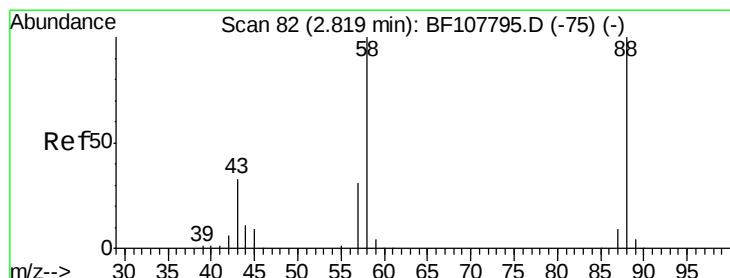
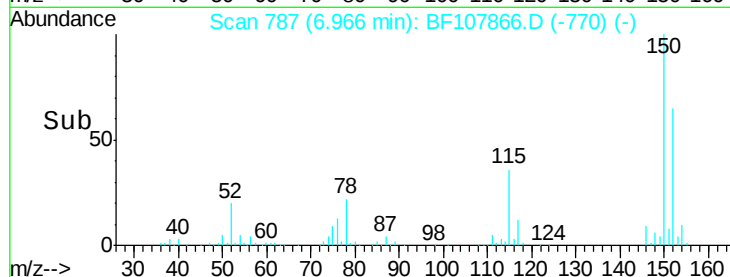
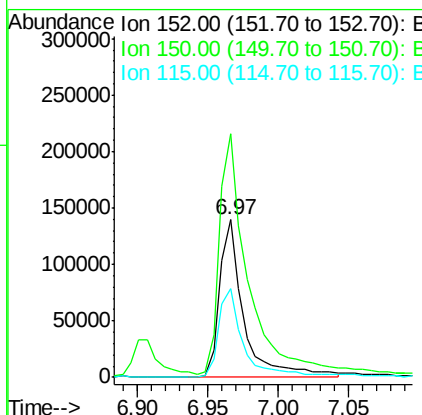
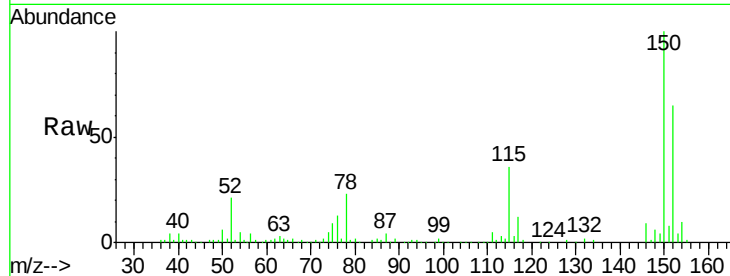


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107866.D
Acq: 31 Jul 2018 22:47

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMSD

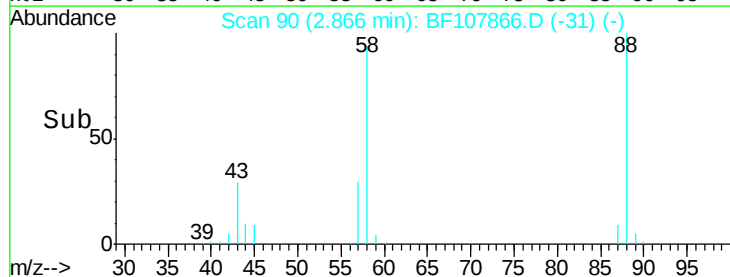
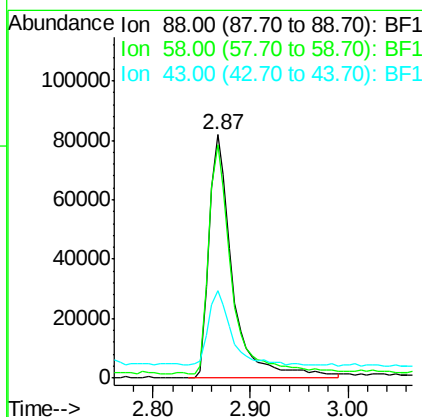
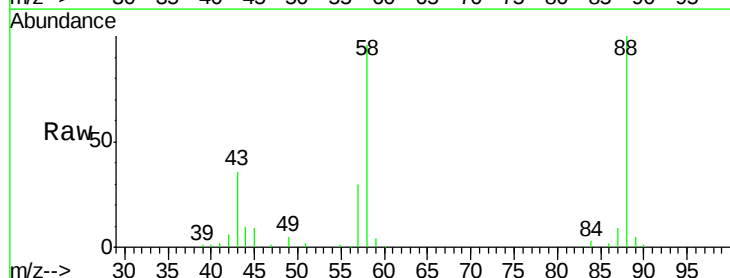
Tgt Ion:152 Resp: 167659
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 56.3 50.1 75.1

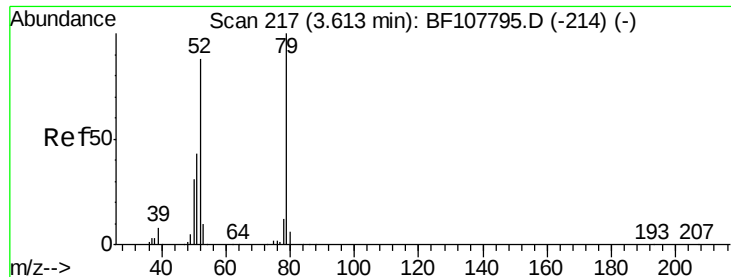


#2

1,4-Dioxane
Concen: 31.919 ng
RT: 2.87 min Scan# 90
Delta R.T. 0.05 min
Lab File: BF107866.D
Acq: 31 Jul 2018 22:47

Tgt Ion: 88 Resp: 137518
Ion Ratio Lower Upper
88 100
58 93.3 62.6 93.8
43 30.2 24.6 37.0





#3

Pyridine

Concen: 28.800 ng

RT: 3.65 min Scan# 224

Delta R.T. 0.04 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMSD

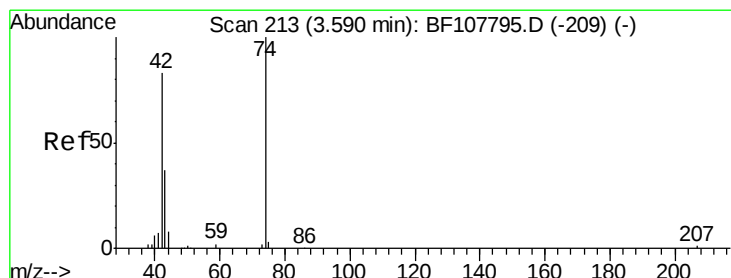
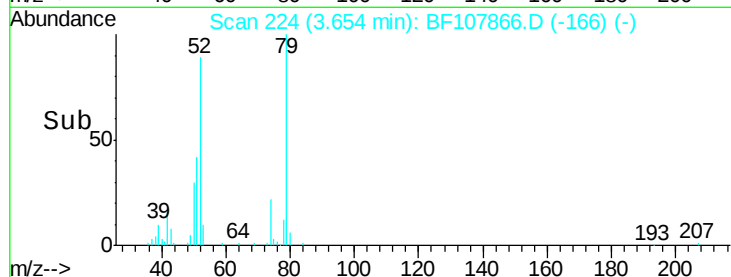
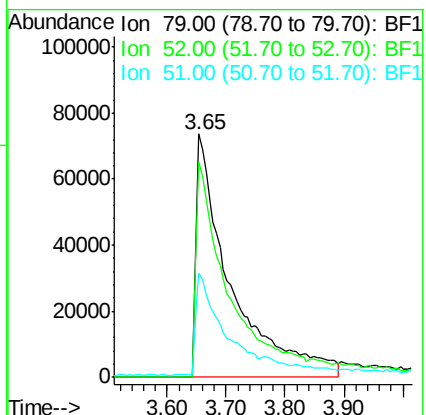
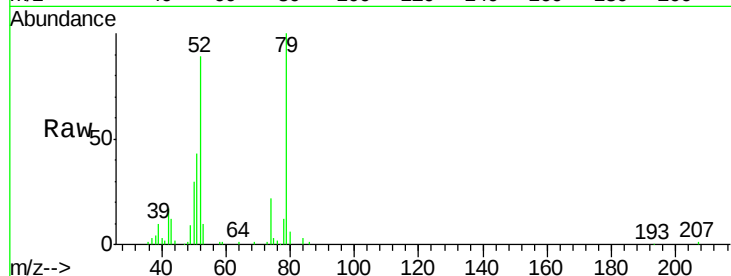
Tgt Ion: 79 Resp: 300203

Ion Ratio Lower Upper

79 100

52 88.5 59.8 89.6

51 42.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 20.584 ng

RT: 3.63 min Scan# 220

Delta R.T. 0.04 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

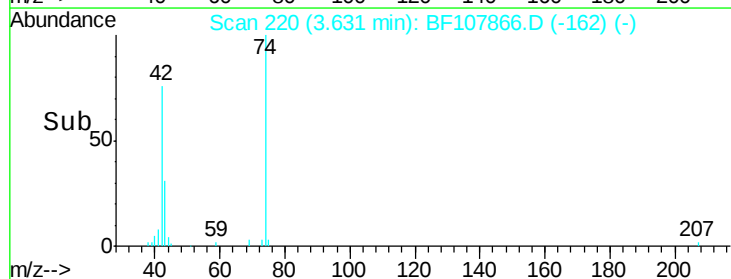
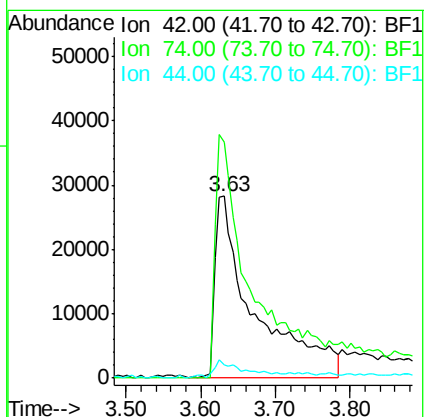
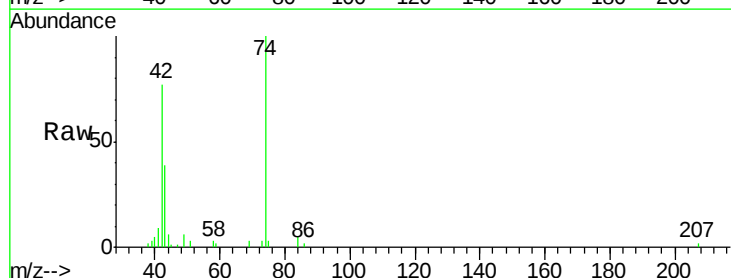
Tgt Ion: 42 Resp: 103321

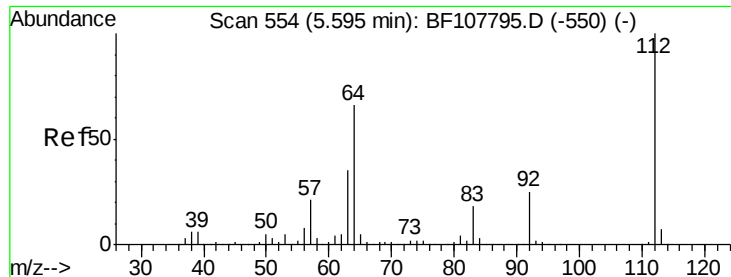
Ion Ratio Lower Upper

42 100

74 129.8 104.9 157.3

44 7.5 6.9 10.3





#5

2-Fluorophenol

Concen: 99.825 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMSD

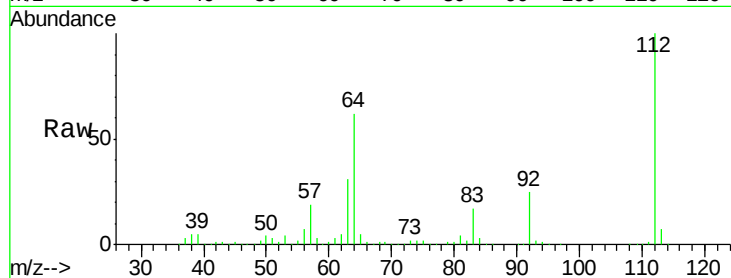
Tgt Ion: 112 Resp: 984764

Ion Ratio Lower Upper

112 100

64 62.5 47.9 71.9

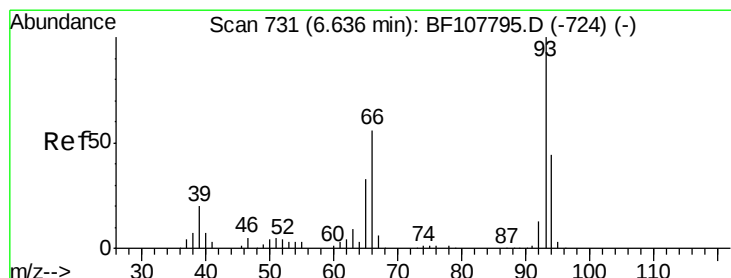
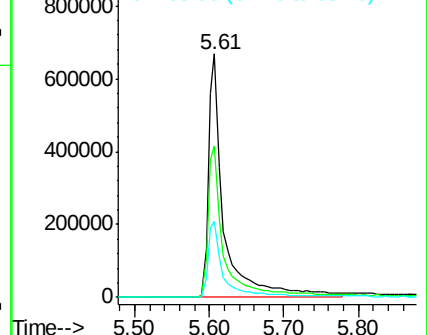
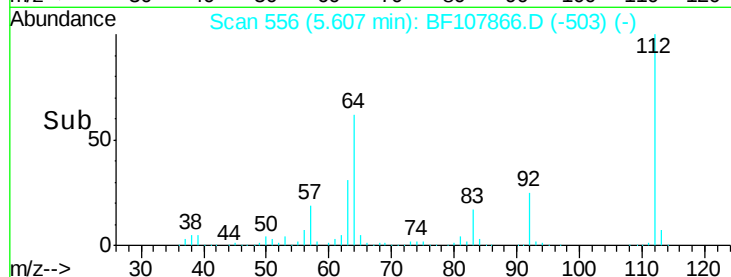
63 31.3 23.7 35.5



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: 29.450 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

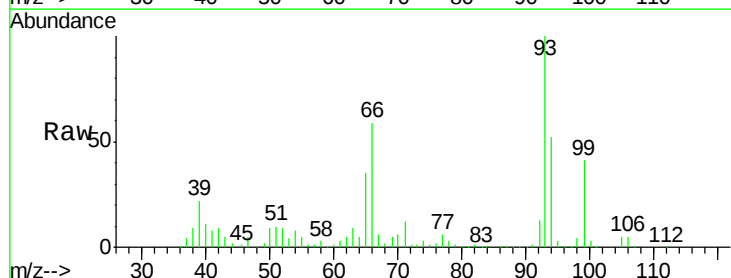
Tgt Ion: 93 Resp: 398257

Ion Ratio Lower Upper

93 100

66 59.4 32.2 48.2#

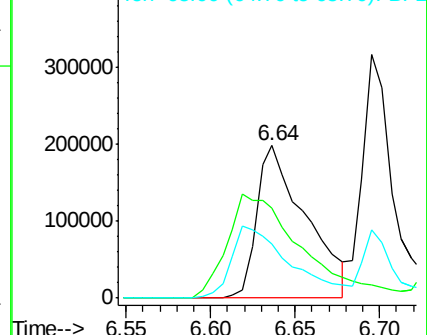
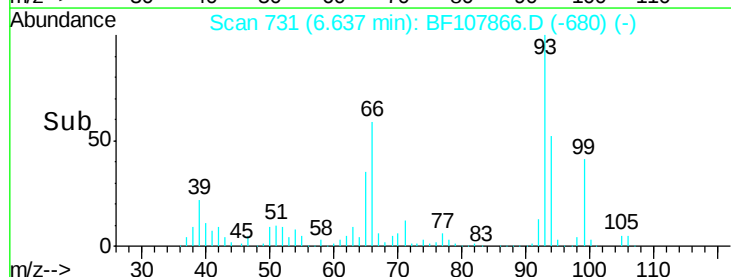
65 35.4 16.4 24.6#

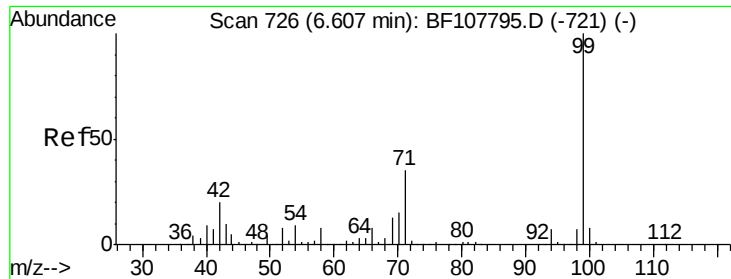


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 93.901 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMSD

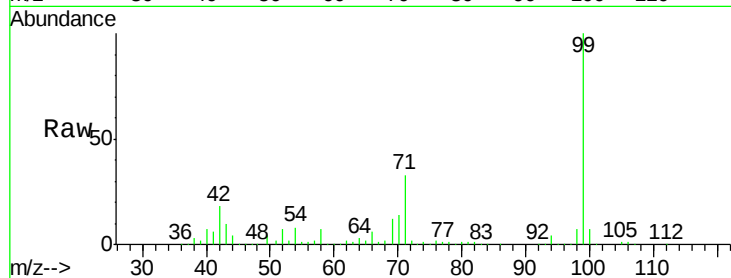
Tgt Ion: 99 Resp: 1220848

Ion Ratio Lower Upper

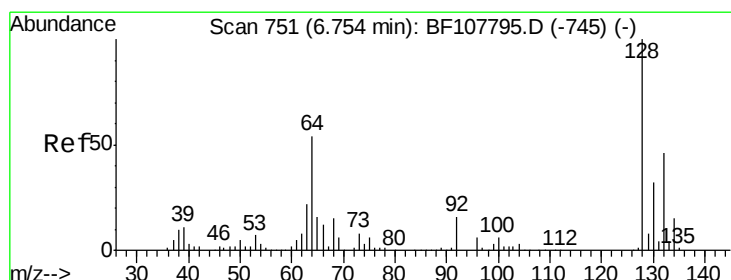
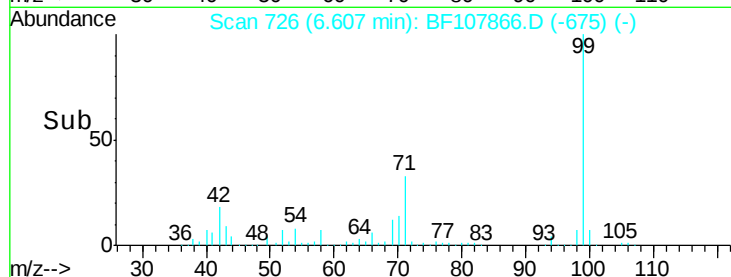
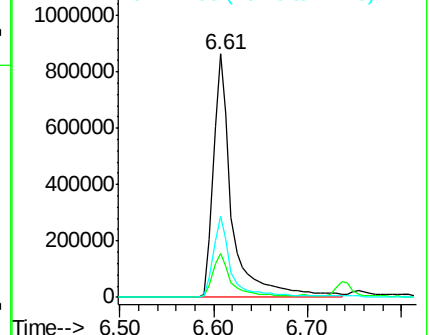
99 100

42 18.1 14.5 21.7

71 33.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 33.946 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

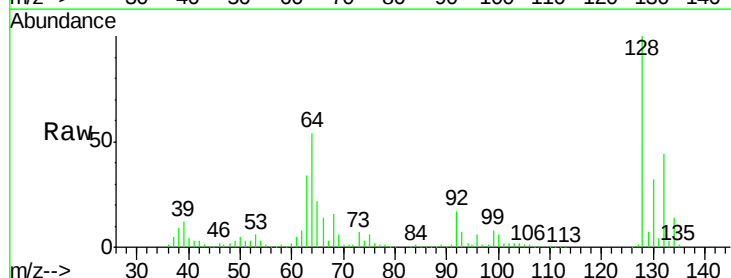
Tgt Ion: 128 Resp: 420640

Ion Ratio Lower Upper

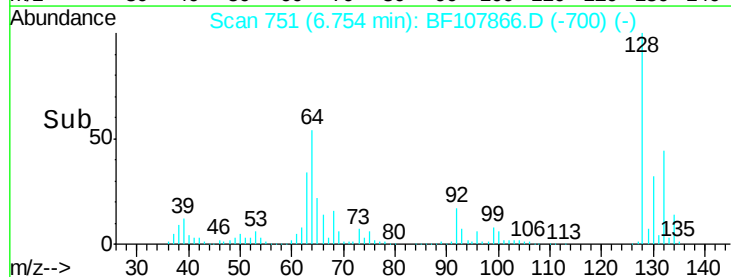
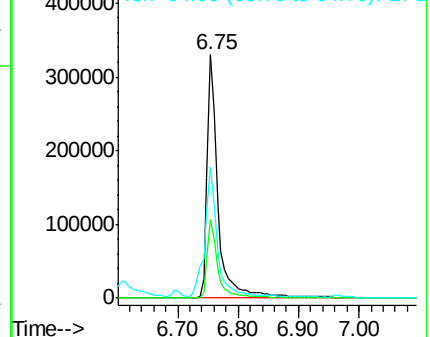
128 100

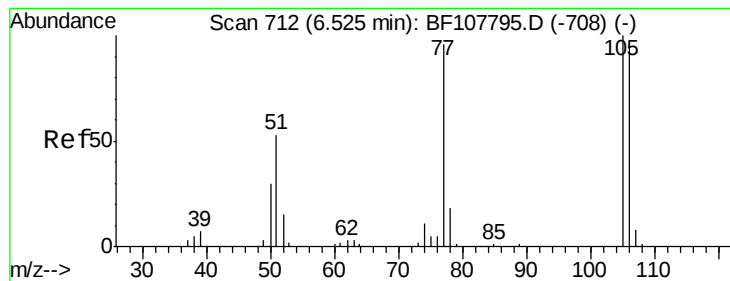
130 32.5 13.0 53.0

64 53.8 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: 21.246 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

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ClientSampleId :

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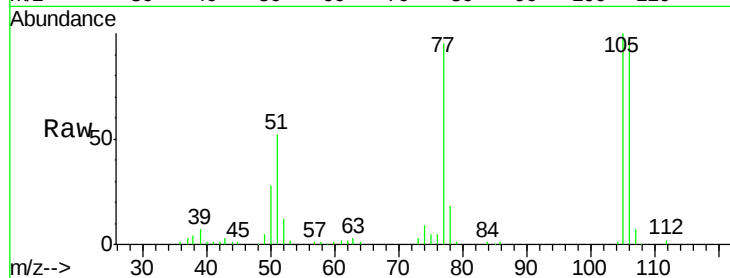
Tgt Ion: 77 Resp: 166659

Ion Ratio Lower Upper

77 100

105 105.0 81.1 121.1

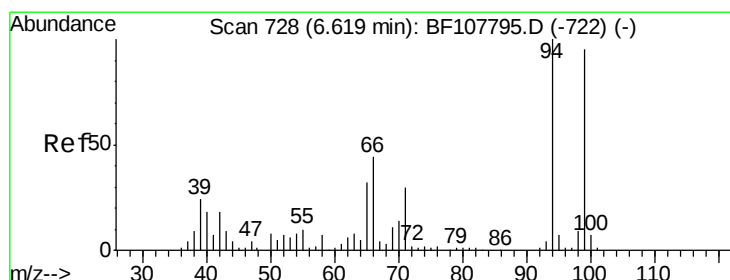
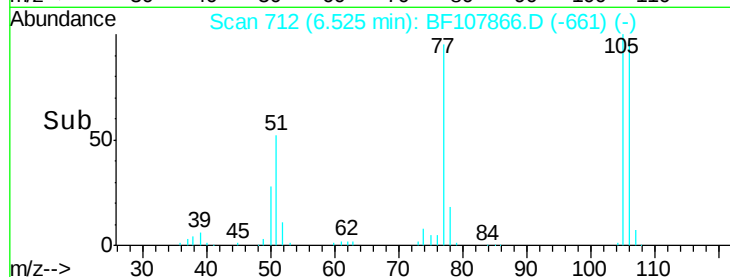
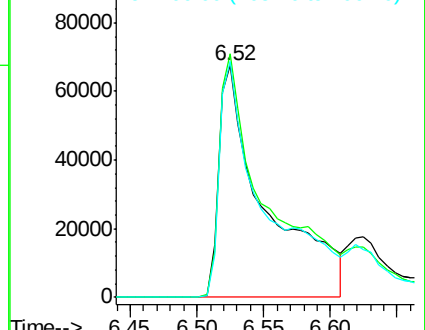
106 101.9 74.5 114.5



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: 30.355 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

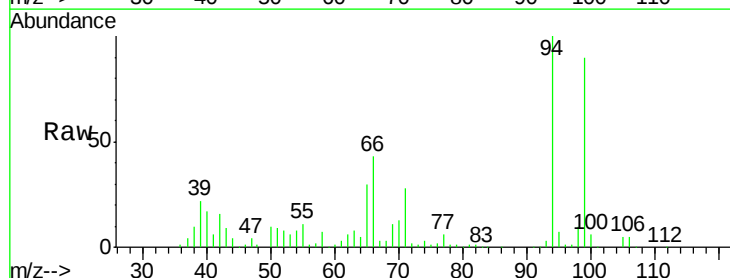
Tgt Ion: 94 Resp: 470634

Ion Ratio Lower Upper

94 100

65 29.9 7.9 47.9

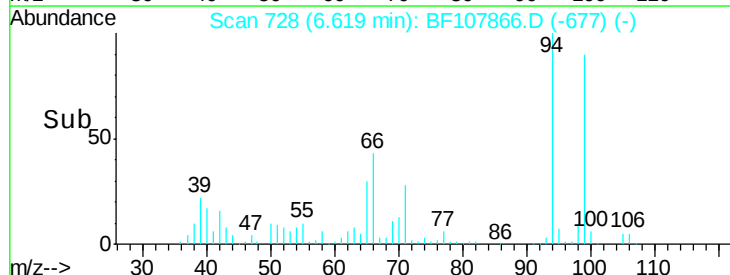
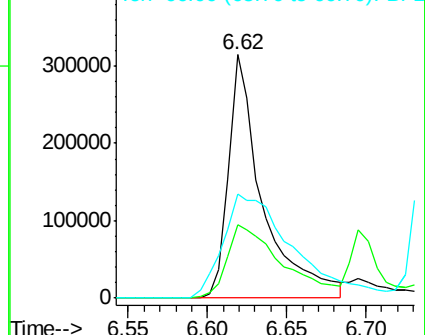
66 43.0 16.2 56.2

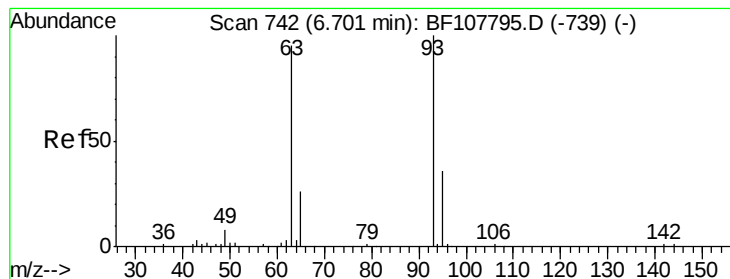


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 25.485 ng

RT: 6.70 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMSD

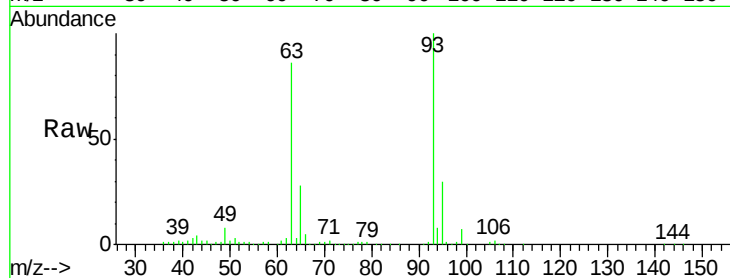
Tgt Ion: 93 Resp: 351352

Ion Ratio Lower Upper

93 100

63 85.8 58.6 98.6

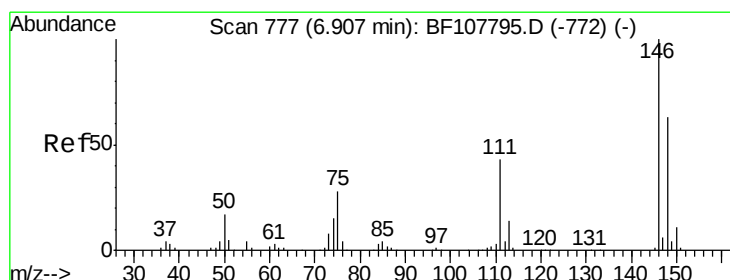
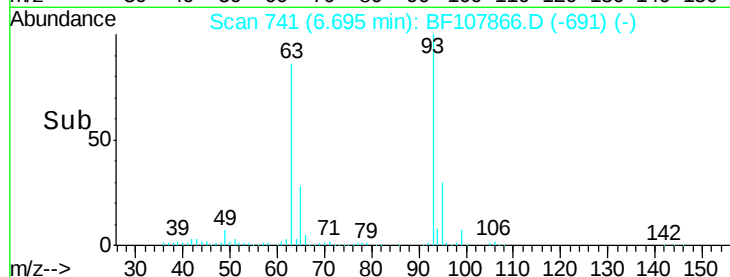
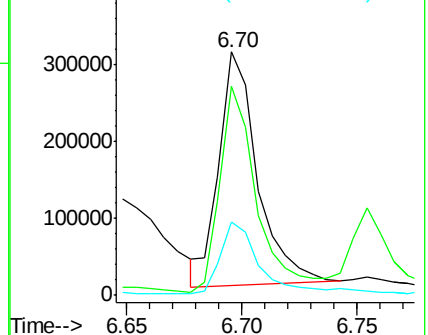
95 30.3 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 33.134 ng

RT: 6.90 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

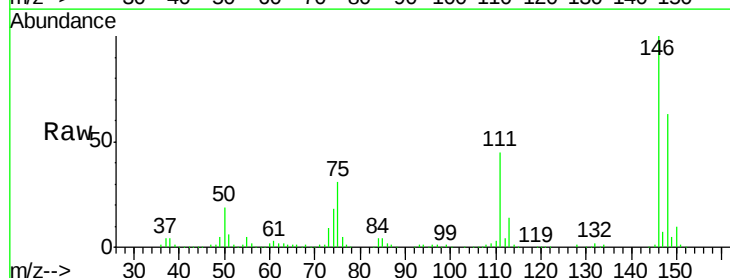
Tgt Ion: 146 Resp: 430629

Ion Ratio Lower Upper

146 100

148 62.8 51.8 77.8

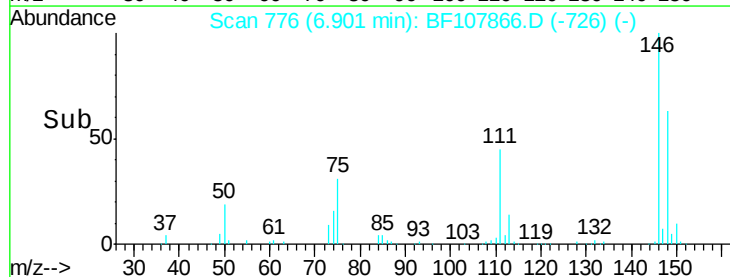
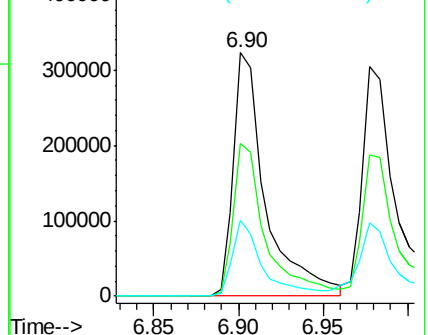
75 31.1 24.2 36.4

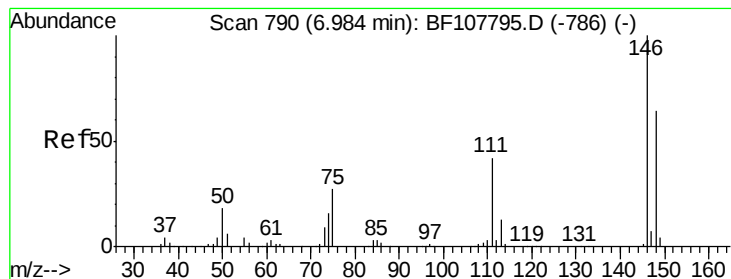


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 33.351 ng

RT: 6.98 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMSD

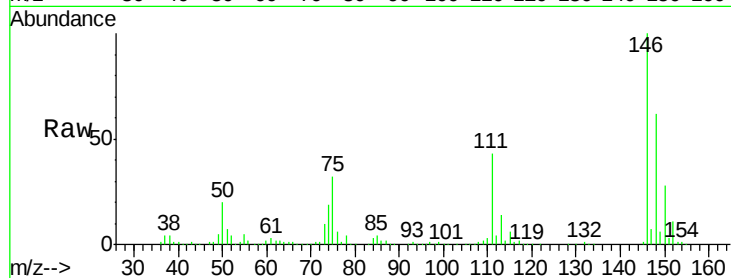
Tgt Ion:146 Resp: 482498

Ion Ratio Lower Upper

146 100

148 61.8 50.8 76.2

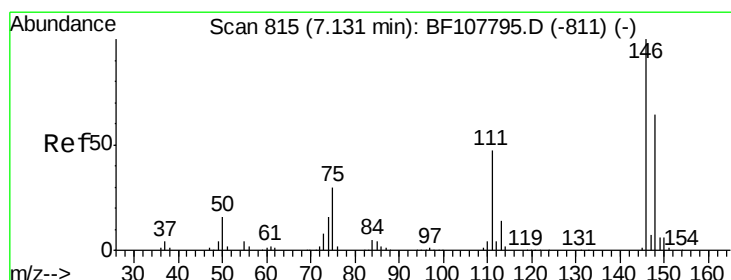
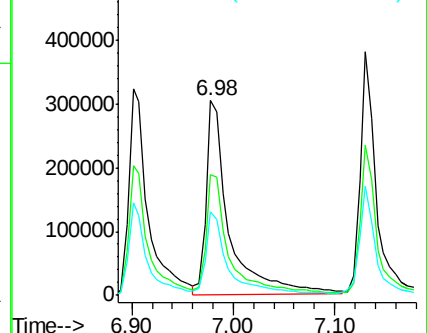
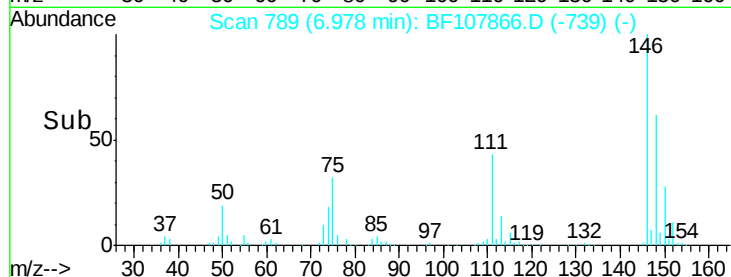
111 43.3 34.2 51.2



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: 32.081 ng

RT: 7.13 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

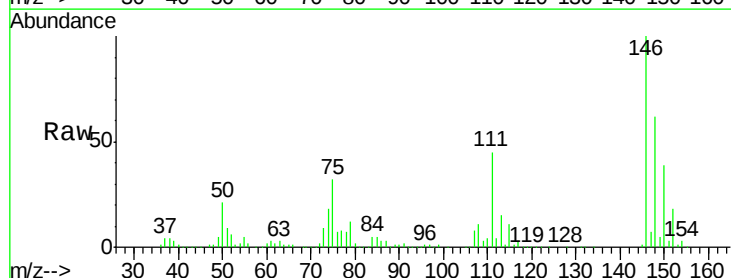
Tgt Ion:146 Resp: 430842

Ion Ratio Lower Upper

146 100

148 61.8 50.6 75.8

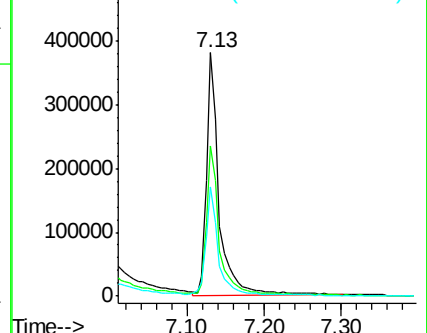
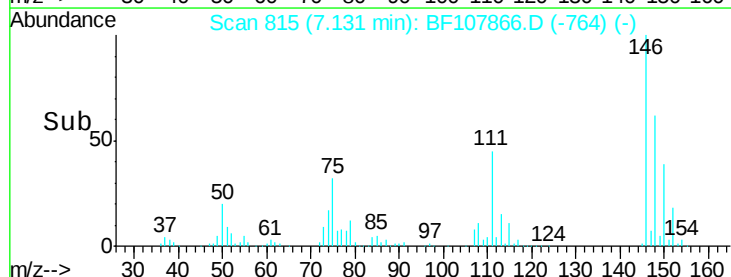
111 44.8 36.0 54.0

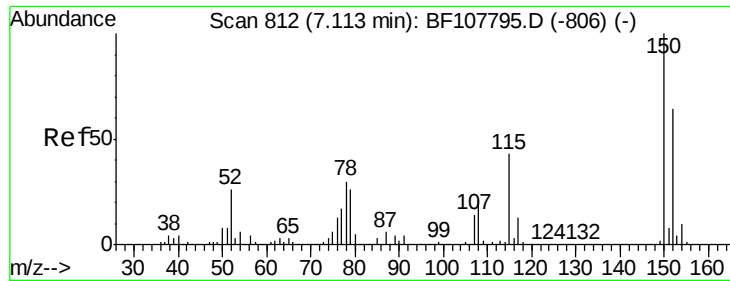


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.066 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMSD

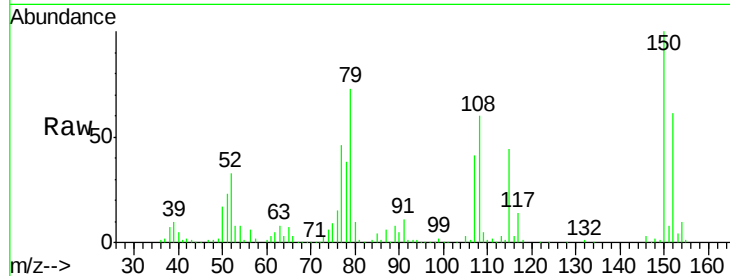
Tgt Ion: 79 Resp: 283371

Ion Ratio Lower Upper

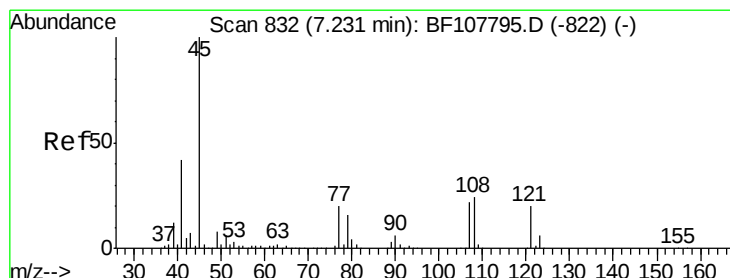
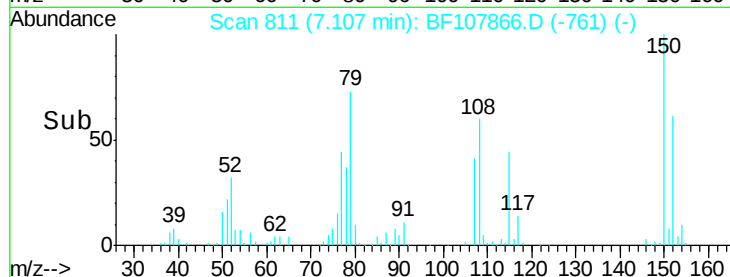
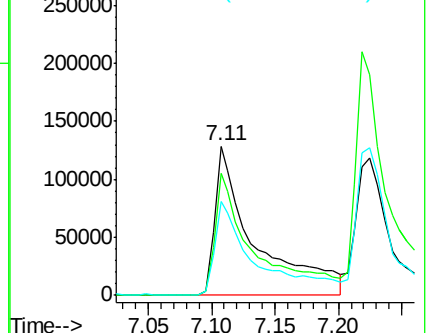
79 100

108 81.8 65.1 97.7

77 62.7 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: 33.636 ng

RT: 7.23 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

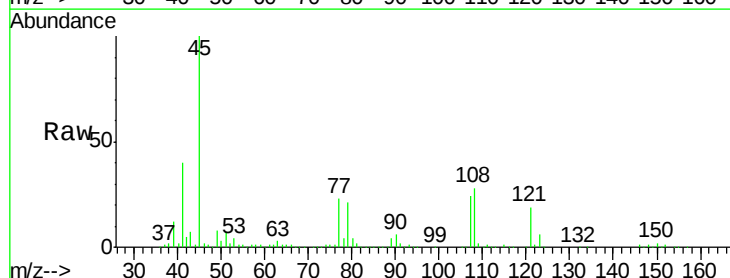
Tgt Ion: 45 Resp: 666720

Ion Ratio Lower Upper

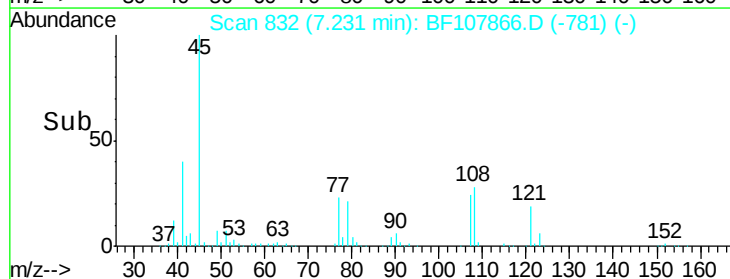
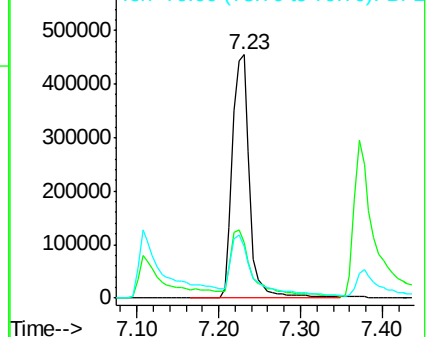
45 100

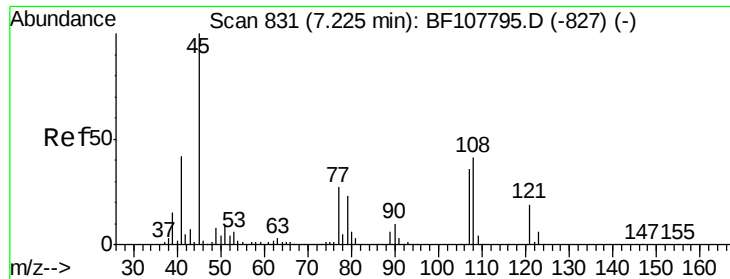
77 22.9 0.0 32.9

79 21.0 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: 35.254 ng

RT: 7.22 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMSD

Tgt Ion:107 Resp: 322483

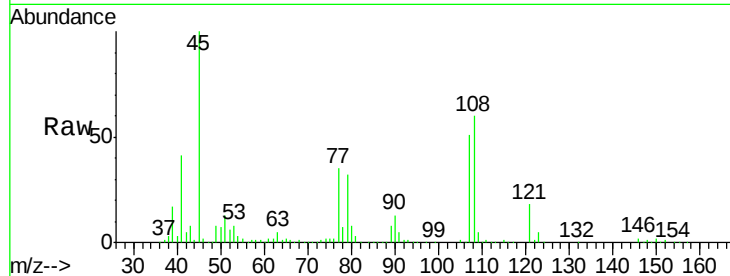
Ion Ratio Lower Upper

107 100

108 117.0 91.7 137.5

77 68.5 33.8 50.8#

79 61.6 33.8 50.8#

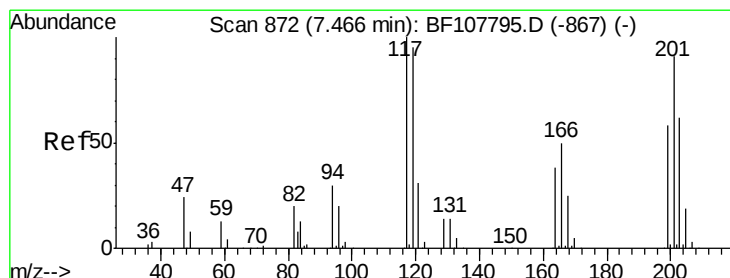
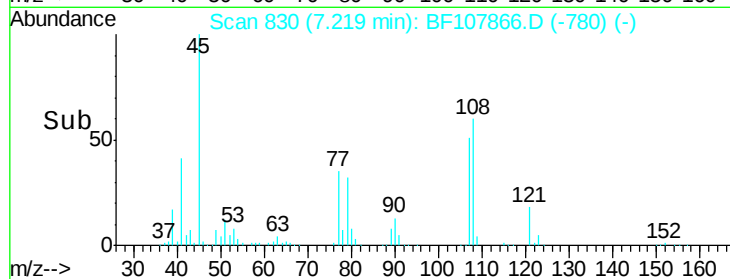
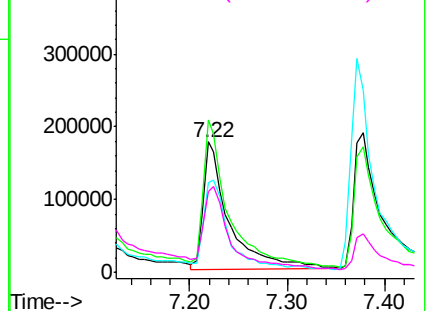


Abundance Ion 107.00 (106.70 to 107.70): E

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: 29.279 ng

RT: 7.47 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

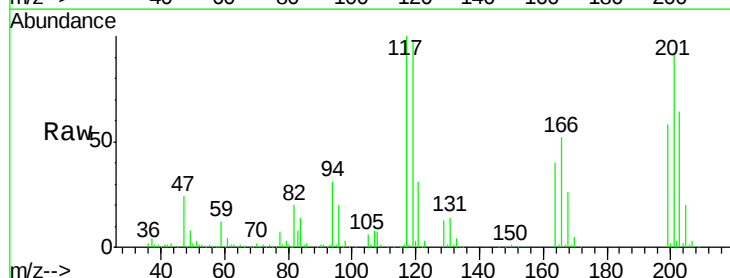
Tgt Ion:117 Resp: 152255

Ion Ratio Lower Upper

117 100

119 97.8 75.8 113.8

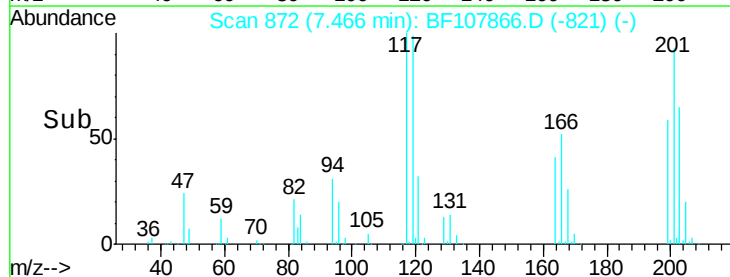
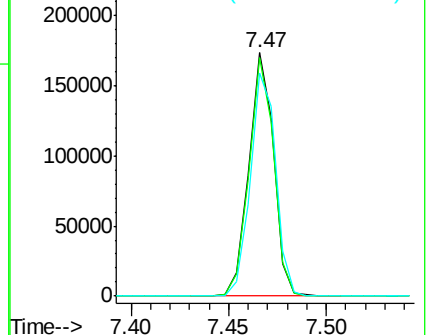
201 91.7 75.7 113.5

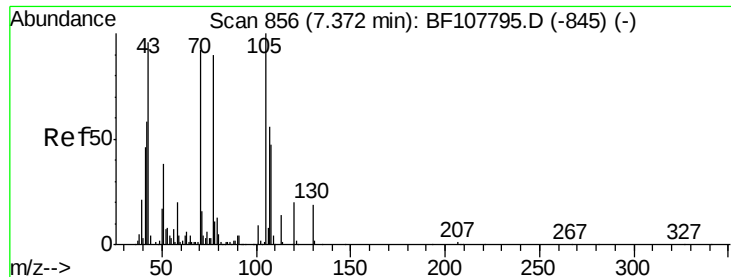


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

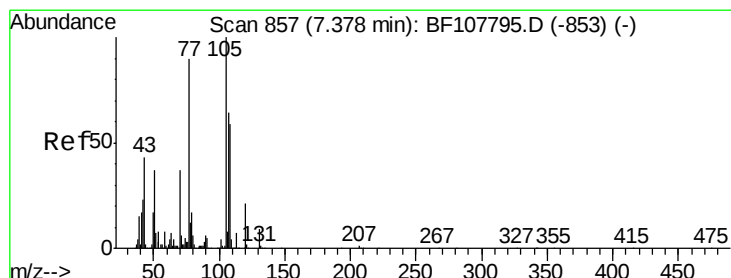
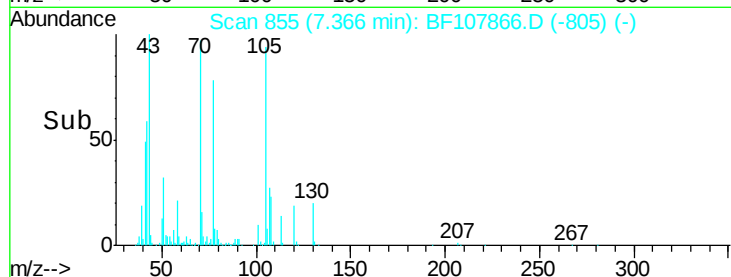
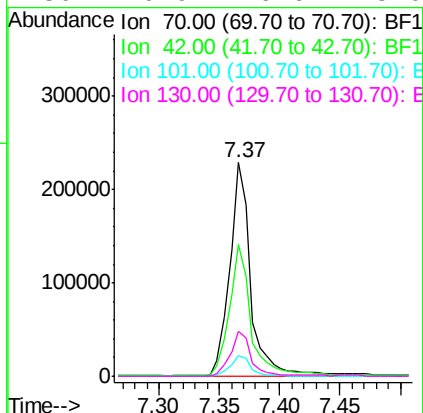
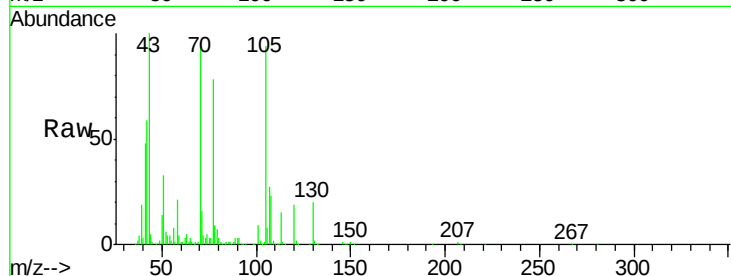




#19
n-Nitroso-di-n-propylamine
Concen: 33.922 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107866.D
Acq: 31 Jul 2018 22:47

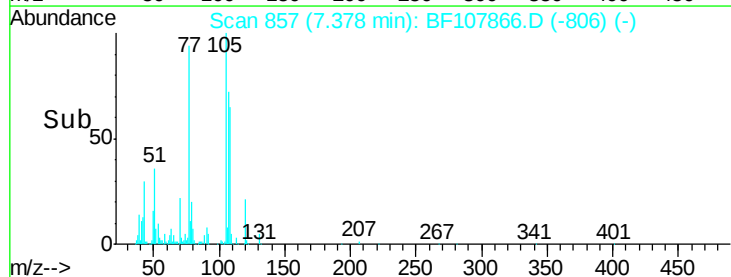
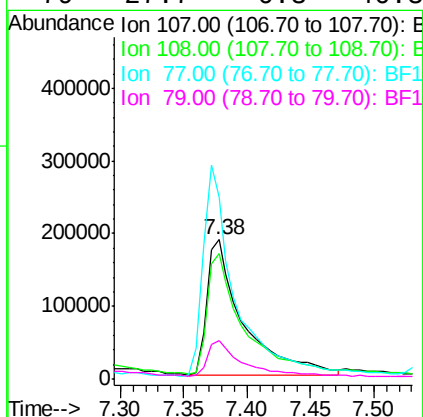
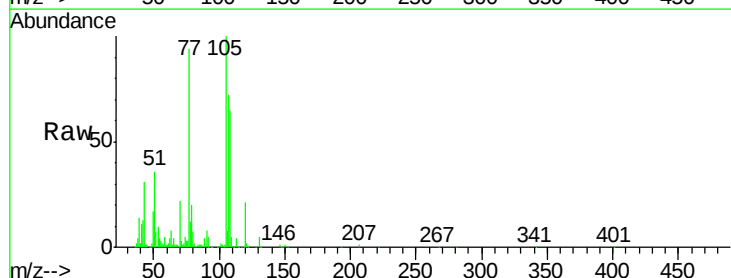
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMSD

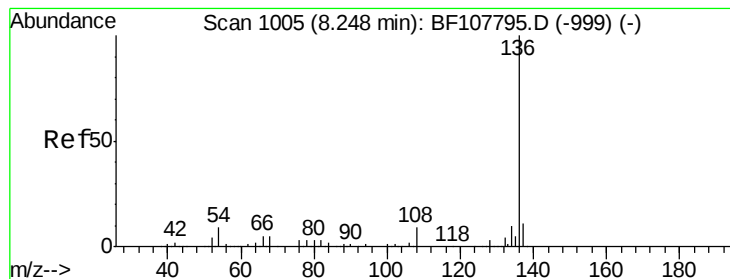
Tgt Ion:	70	Resp:	279768
Ion	Ratio	Lower	Upper
70	100		
42	61.7	47.5	71.3
101	9.8	7.4	11.2
130	20.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 33.194 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF107866.D
Acq: 31 Jul 2018 22:47

Tgt Ion:	107	Resp:	372795
Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.2	108.2
77	130.2	26.7	66.7#
79	27.7	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMSD

Tgt Ion:136 Resp: 675283

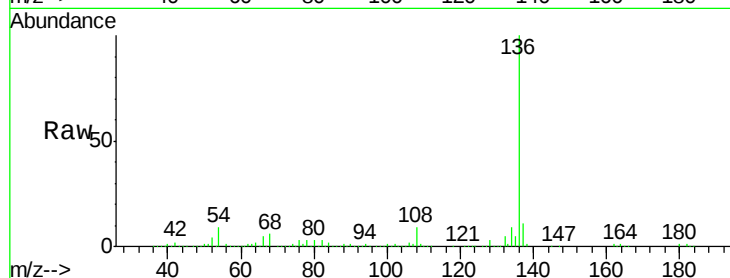
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.0 6.6 9.8

68 5.6 5.0 7.4

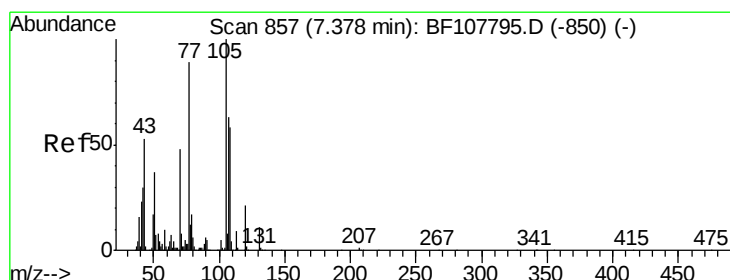
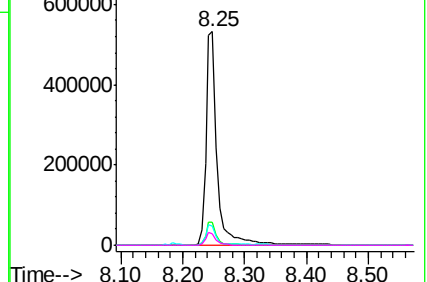
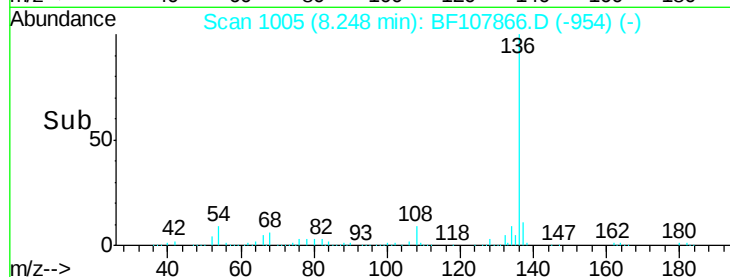


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.177 ng

RT: 7.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Tgt Ion:105 Resp: 587740

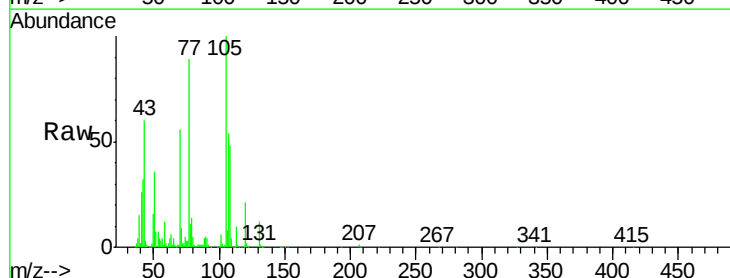
Ion Ratio Lower Upper

105 100

71 8.9 4.4 6.6#

51 36.3 22.3 33.5#

120 20.9 16.9 25.3

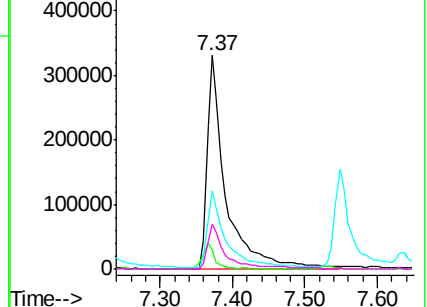
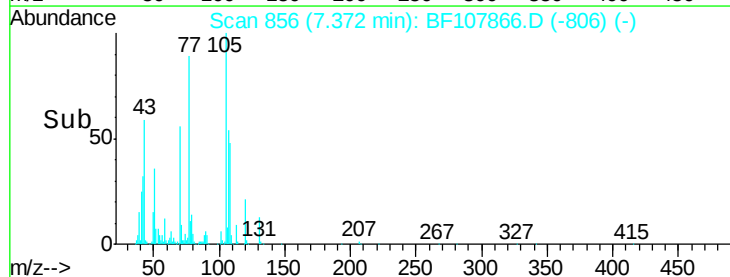


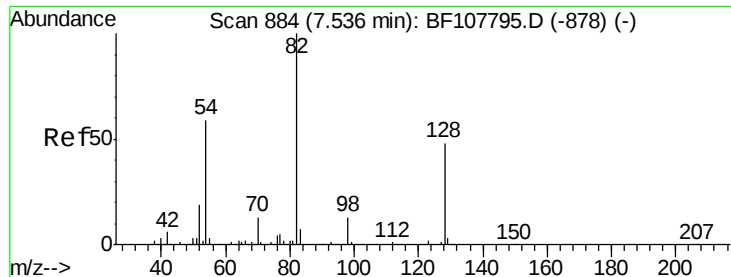
Abundance Ion 105.00 (104.70 to 105.70): E

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

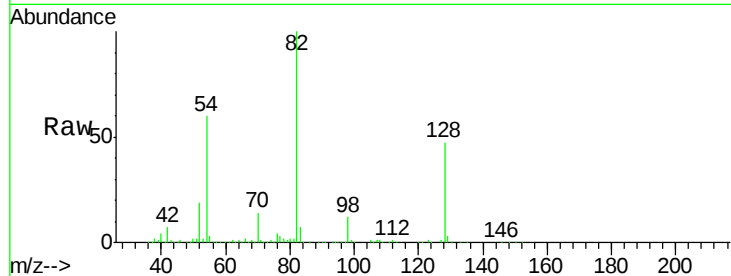




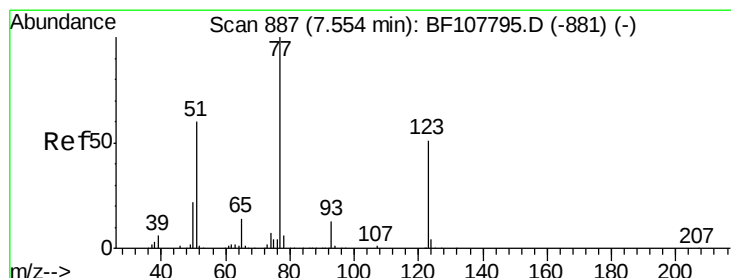
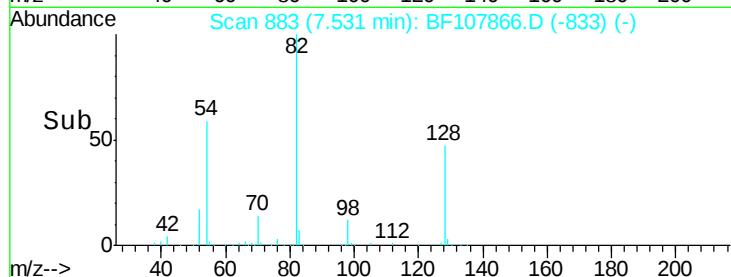
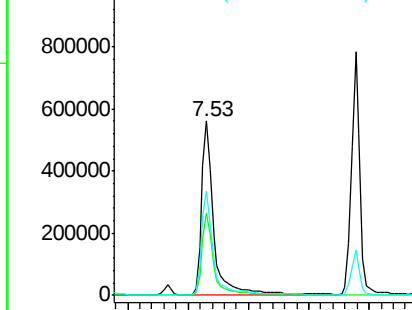
#23
 Nitrobenzene-d5
 Concen: 69.135 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF107866.D
 Acq: 31 Jul 2018 22:47

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMSD

Tgt Ion: 82 Resp: 810367
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.1 54.1
 54 59.6 41.4 62.2

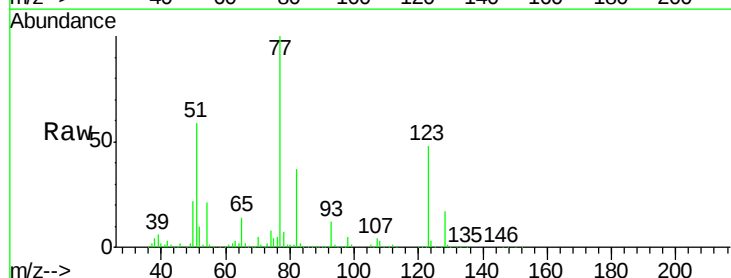


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

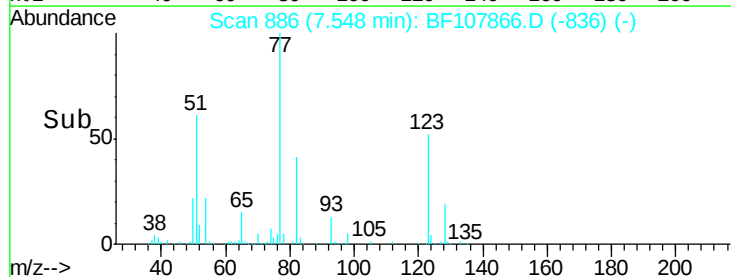
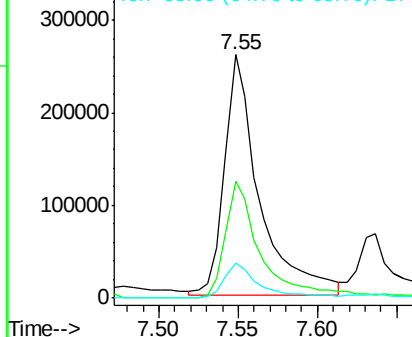


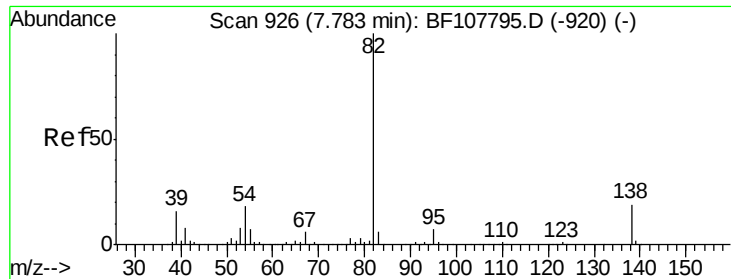
#24
 Nitrobenzene
 Concen: 32.322 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF107866.D
 Acq: 31 Jul 2018 22:47

Tgt Ion: 77 Resp: 397269
 Ion Ratio Lower Upper
 77 100
 123 48.0 37.9 56.9
 65 14.3 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: 39.760 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMSD

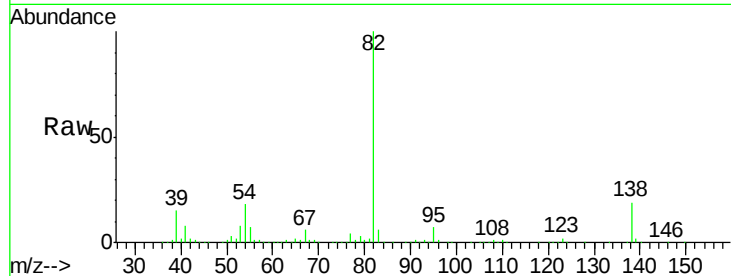
Tgt Ion: 82 Resp: 765007

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

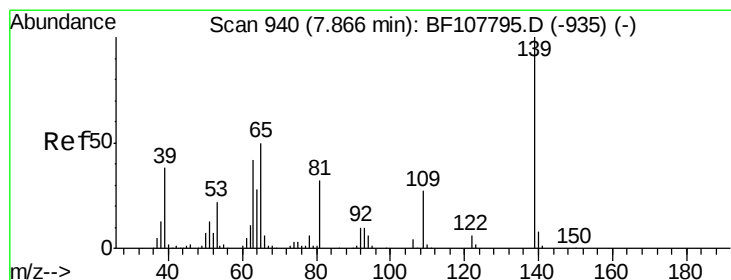
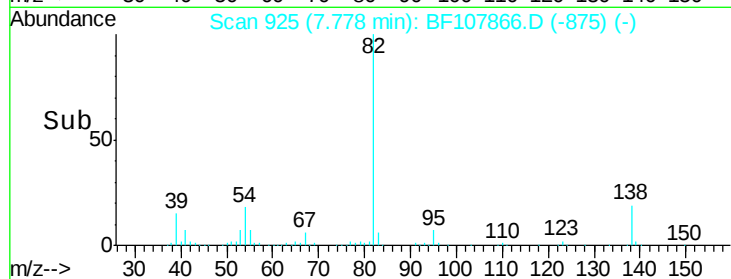
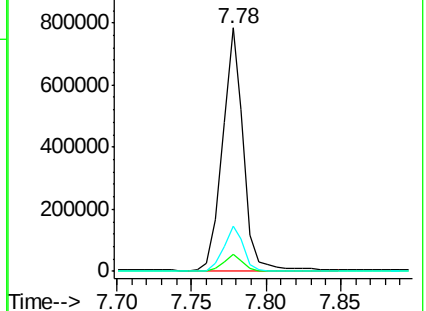
138 18.8 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 35.823 ng

RT: 7.87 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

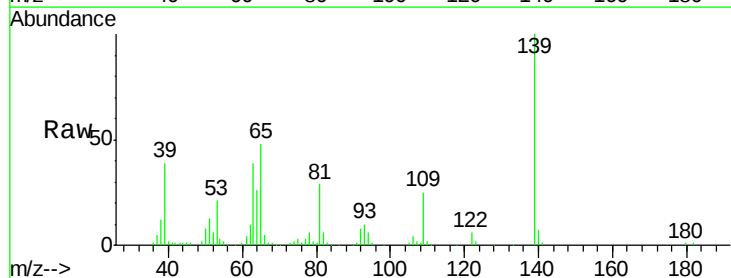
Tgt Ion: 139 Resp: 220970

Ion Ratio Lower Upper

139 100

109 25.4 22.7 34.1

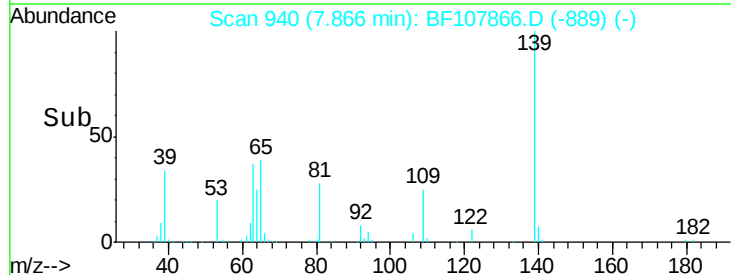
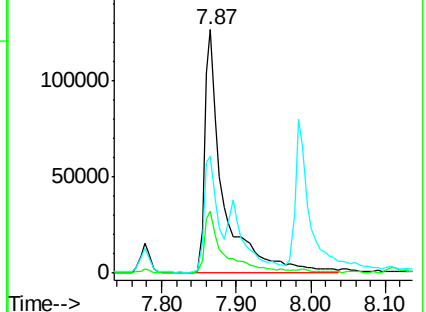
65 48.1 40.5 60.7

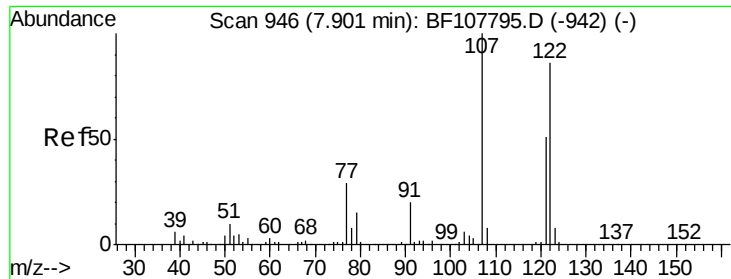


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

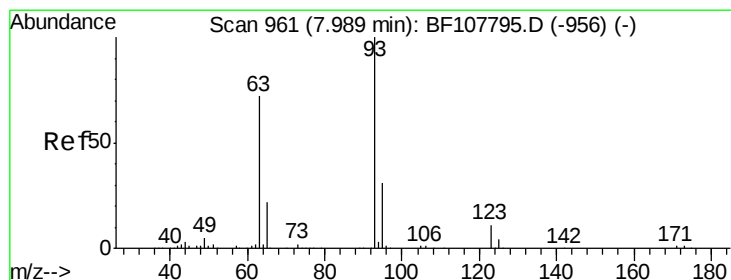
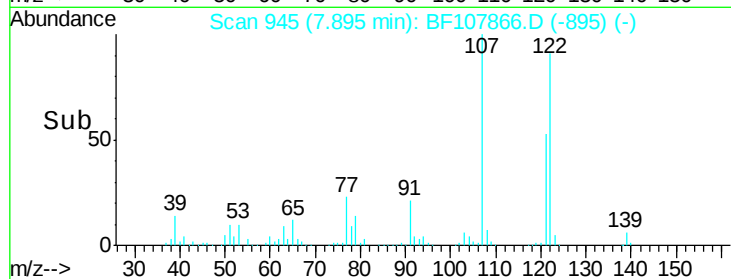
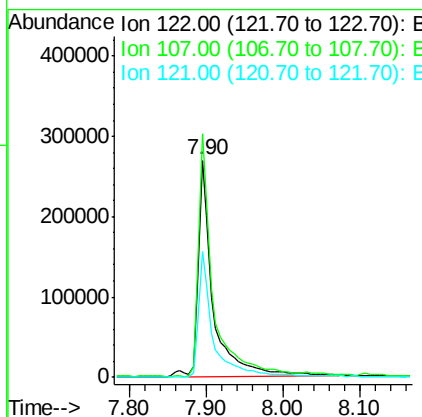
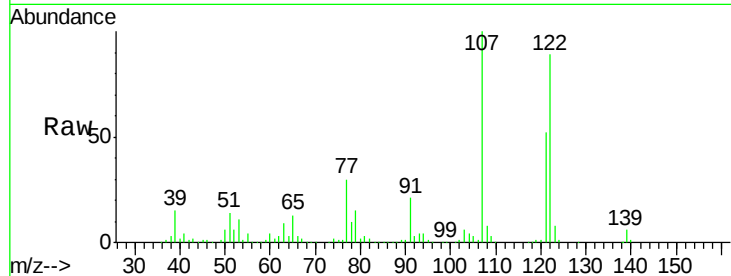




#27
 2,4-Dimethylphenol
 Concen: 43.494 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF107866.D
 Acq: 31 Jul 2018 22:47

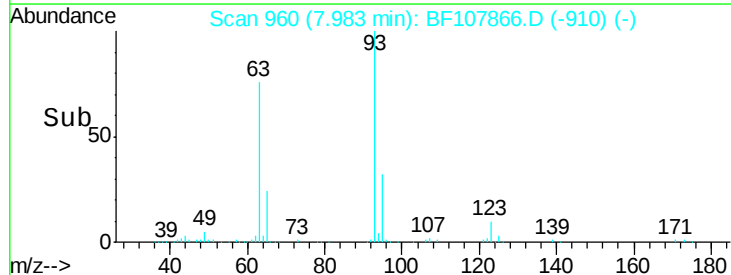
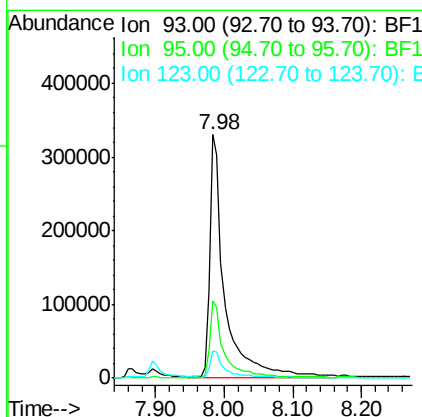
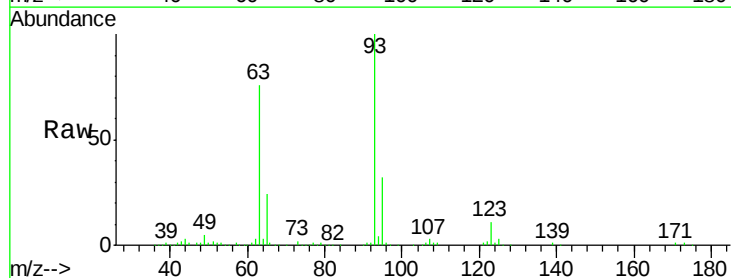
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMSD

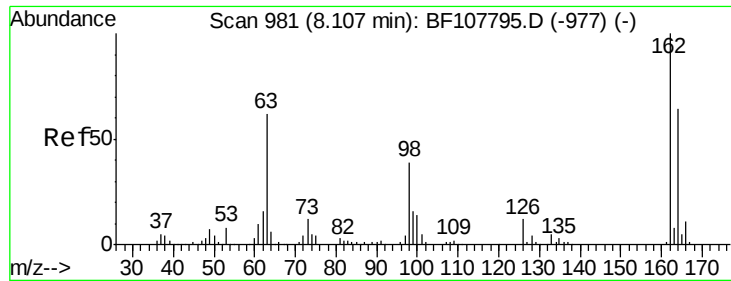
Tgt Ion:122 Resp: 359193
 Ion Ratio Lower Upper
 122 100
 107 112.1 91.2 136.8
 121 57.8 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.223 ng
 RT: 7.98 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF107866.D
 Acq: 31 Jul 2018 22:47

Tgt Ion: 93 Resp: 497354
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.3 39.5
 123 11.1 9.8 14.6

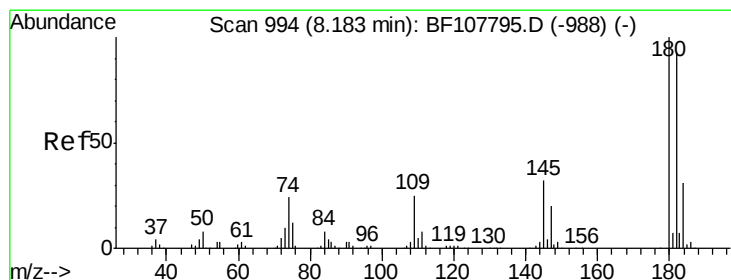
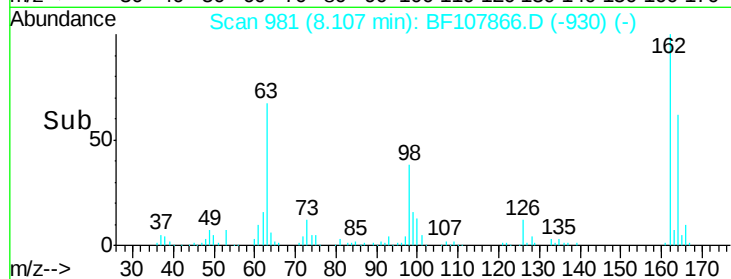
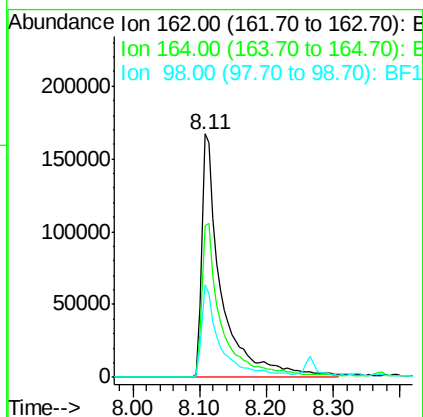
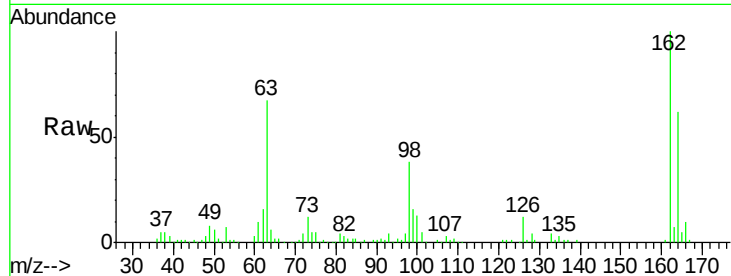




#29
 2,4-Dichlorophenol
 Concen: 35.975 ng
 RT: 8.11 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF107866.D
 Acq: 31 Jul 2018 22:47

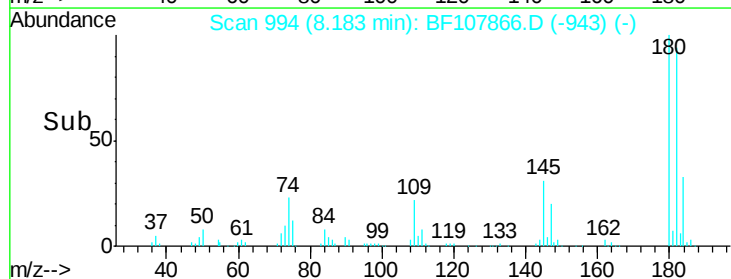
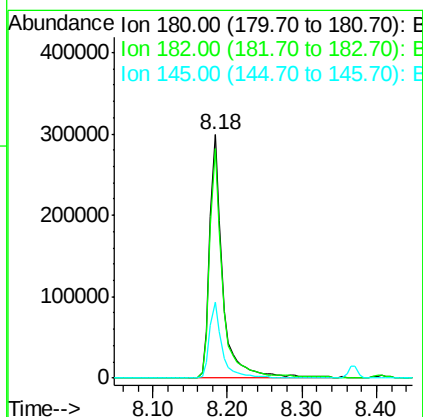
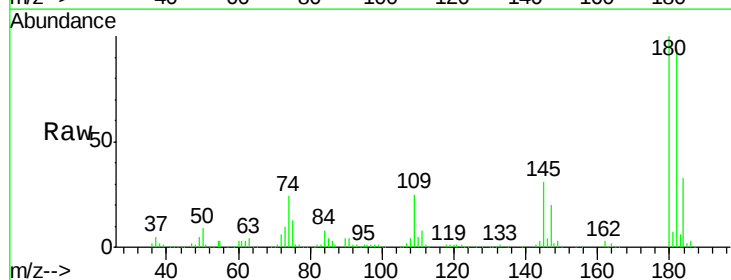
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMSD

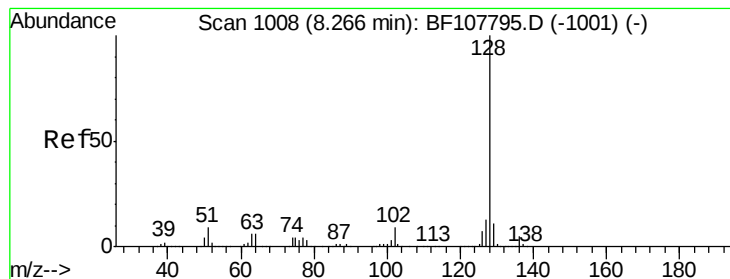
Tgt Ion:162 Resp: 336059
 Ion Ratio Lower Upper
 162 100
 164 62.3 42.7 82.7
 98 37.8 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 34.184 ng
 RT: 8.18 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF107866.D
 Acq: 31 Jul 2018 22:47

Tgt Ion:180 Resp: 364294
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.8 115.2
 145 31.1 26.5 39.7





#31

Naphthalene

Concen: 38.611 ng

RT: 8.27 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMSD

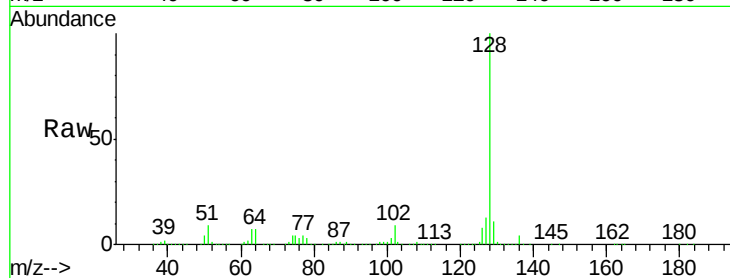
Tgt Ion:128 Resp: 1212006

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

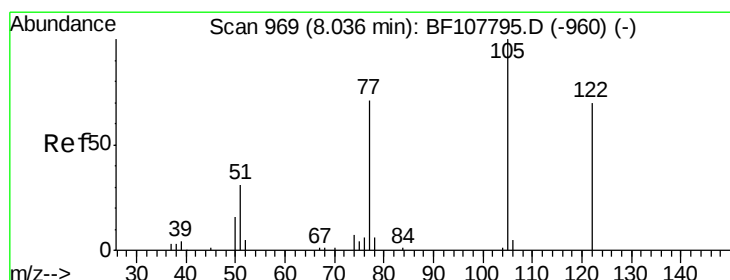
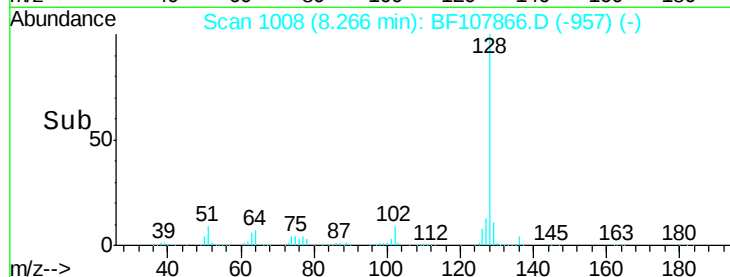
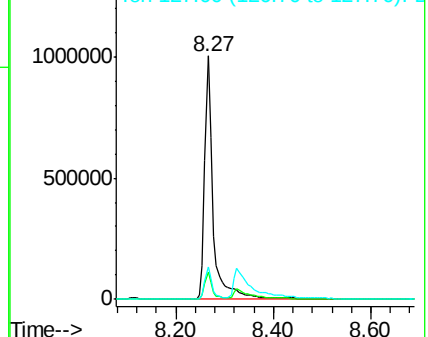
127 13.4 10.9 16.3



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: 63.754 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.14 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

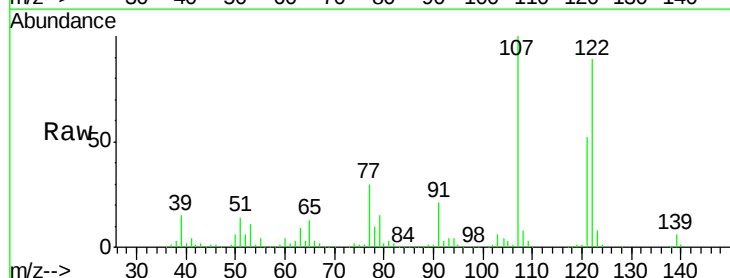
Tgt Ion:122 Resp: 359193

Ion Ratio Lower Upper

122 100

105 3.6 101.1 141.1#

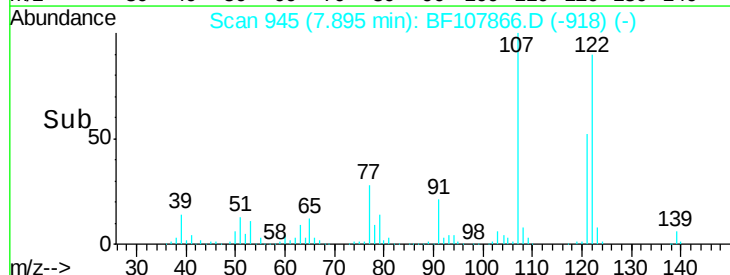
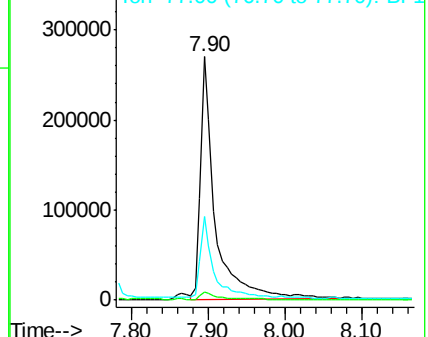
77 34.1 70.7 110.7#

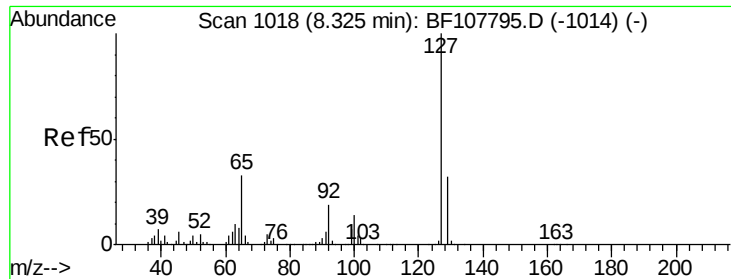


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

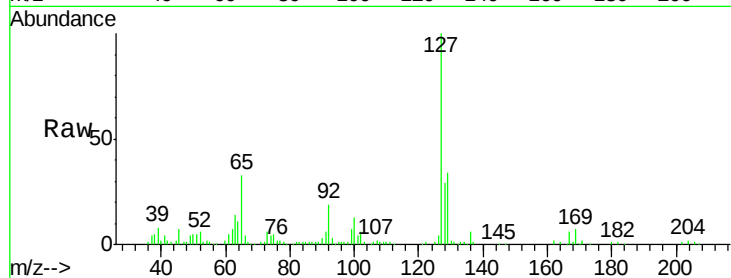




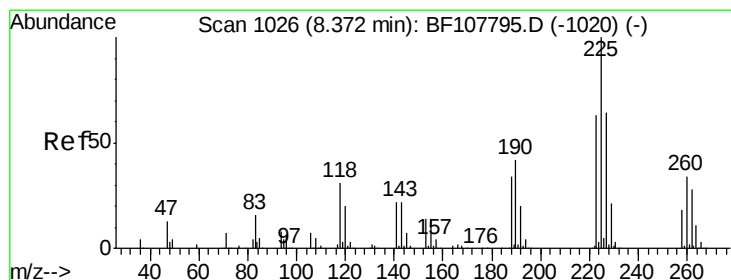
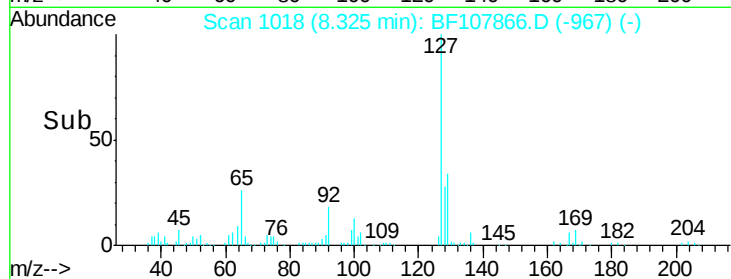
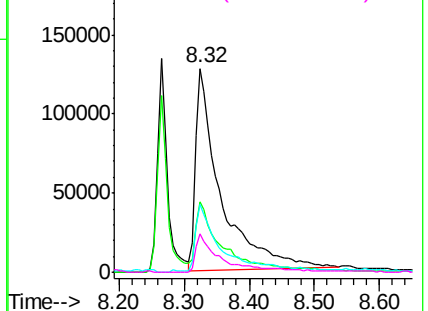
#33
4-Chloroaniline
Concen: 25.495 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF107866.D
Acq: 31 Jul 2018 22:47

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMSD

Tgt Ion:	127	Resp:	341838
Ion	Ratio	Lower	Upper
127	100		
129	34.2	25.9	38.9
65	33.0	25.0	37.4
92	18.6	15.2	22.8

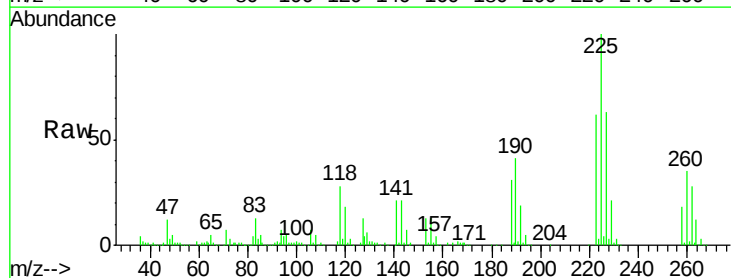


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

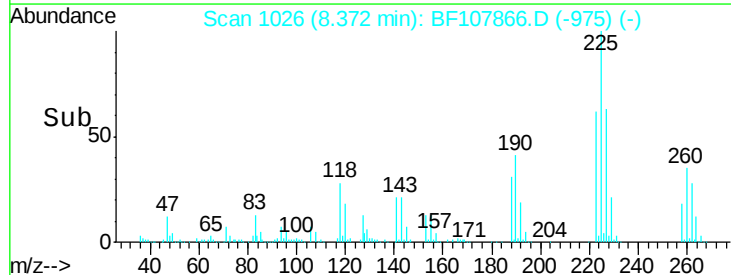
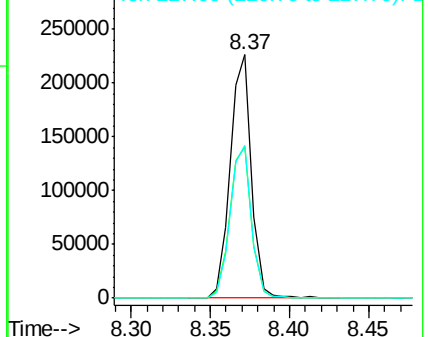


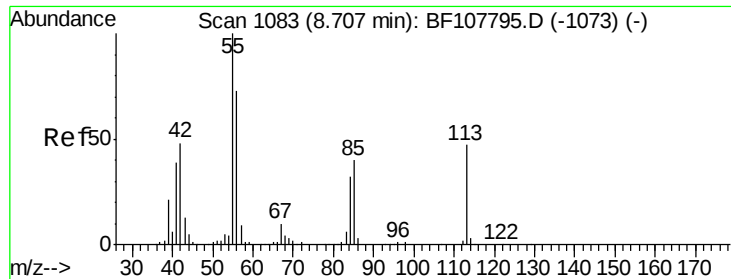
#34
Hexachlorobutadiene
Concen: 31.866 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF107866.D
Acq: 31 Jul 2018 22:47

Tgt Ion:	225	Resp:	209851
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	63.0	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: 32.041 ng

RT: 8.68 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMSD

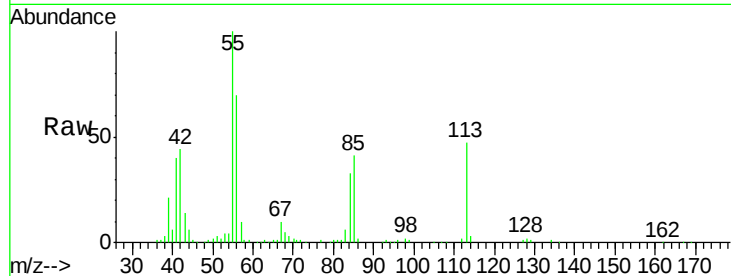
Tgt Ion:113 Resp: 90104

Ion Ratio Lower Upper

113 100

55 214.0 163.3 203.3#

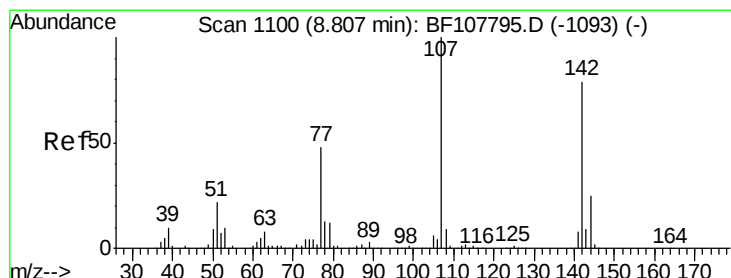
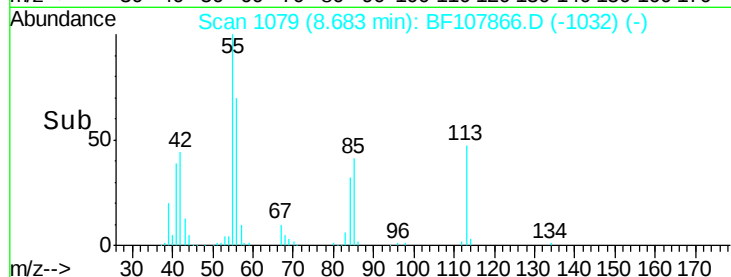
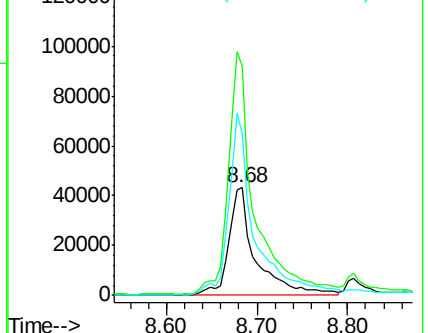
56 150.5 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 34.843 ng

RT: 8.81 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

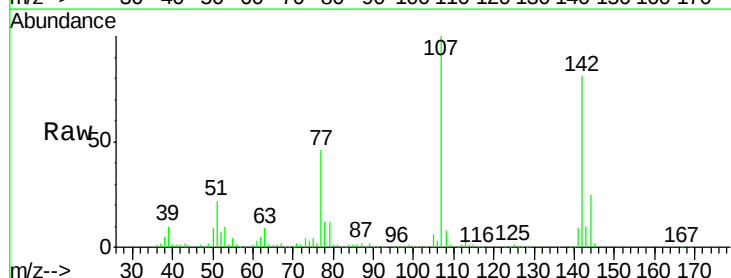
Tgt Ion:107 Resp: 353492

Ion Ratio Lower Upper

107 100

144 25.0 20.5 30.7

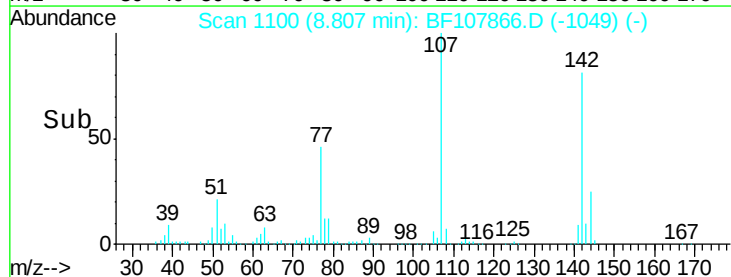
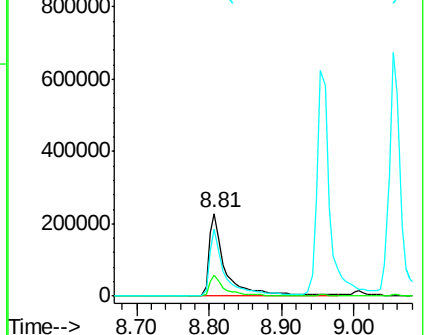
142 80.5 62.0 93.0

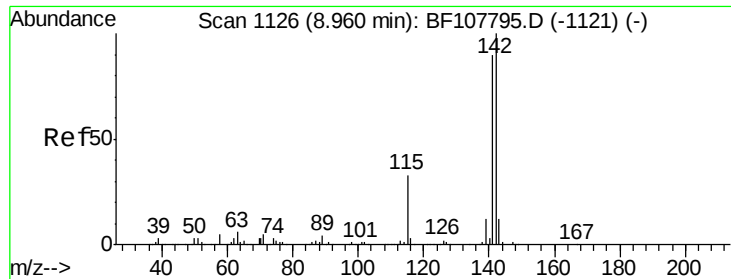


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

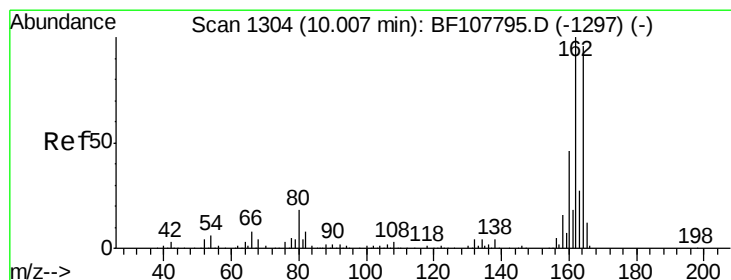
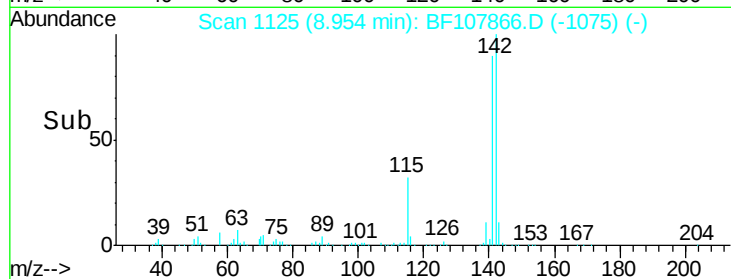
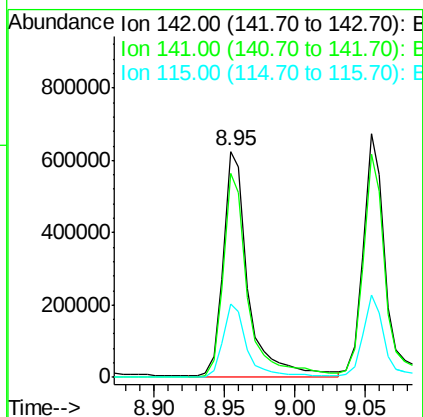
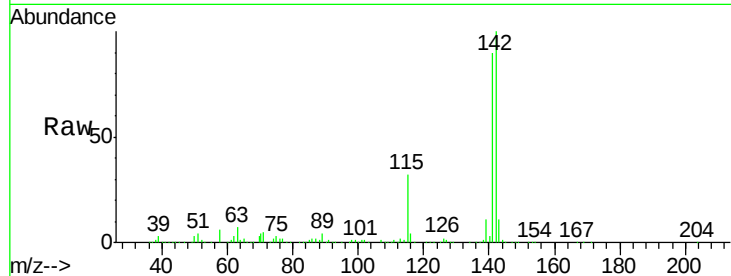




#37
2-Methylnaphthalene
Concen: 39.031 ng
RT: 8.95 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF107866.D
Acq: 31 Jul 2018 22:47

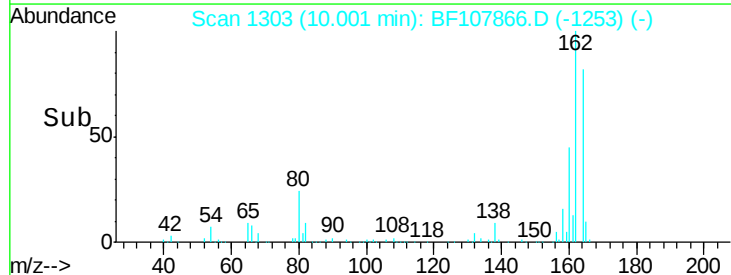
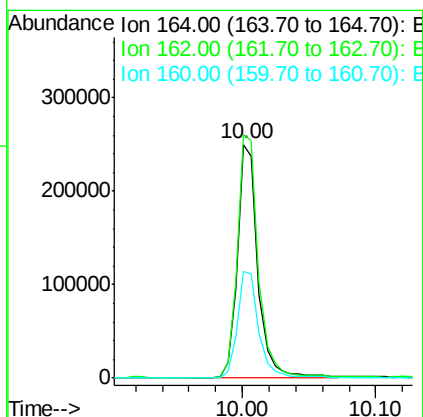
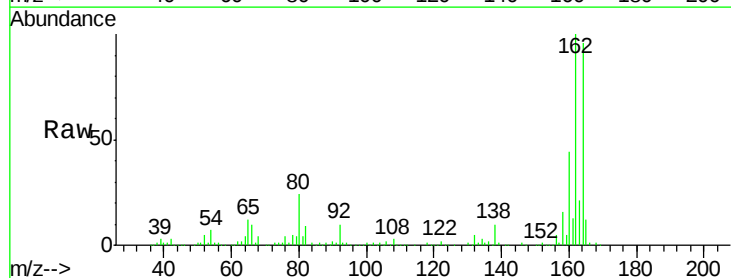
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMSD

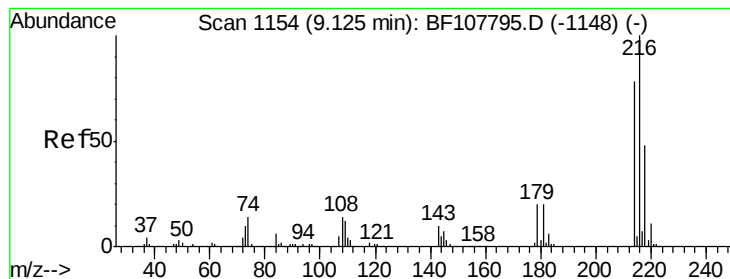
Tgt Ion:142 Resp: 769608
Ion Ratio Lower Upper
142 100
141 90.4 70.8 106.2
115 32.5 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107866.D
Acq: 31 Jul 2018 22:47

Tgt Ion:164 Resp: 268265
Ion Ratio Lower Upper
164 100
162 104.3 86.1 129.1
160 45.8 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.181 ng

RT: 9.12 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMSD

Tgt Ion:216 Resp: 358368

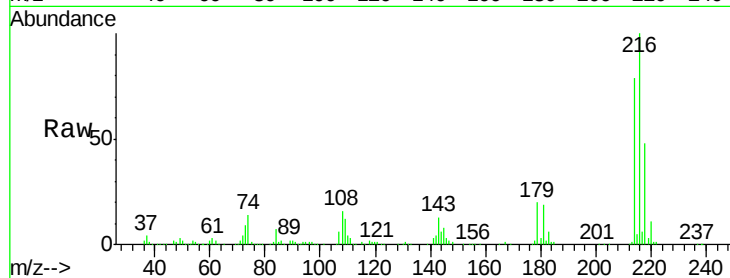
Ion Ratio Lower Upper

216 100

214 80.0 63.0 94.4

179 20.6 18.1 27.1

108 16.2 17.2 25.8#

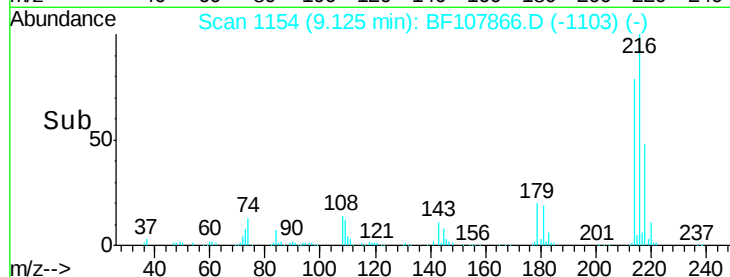


Abundance Ion 216.00 (215.70 to 216.70): E

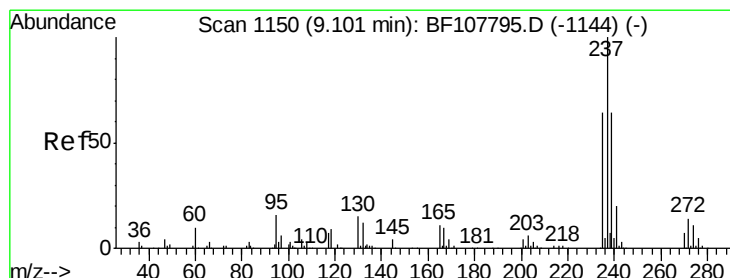
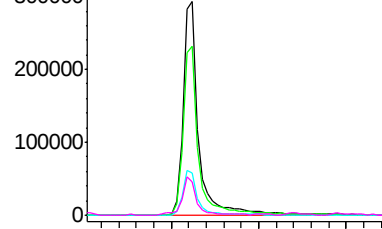
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 26.714 ng

RT: 9.10 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

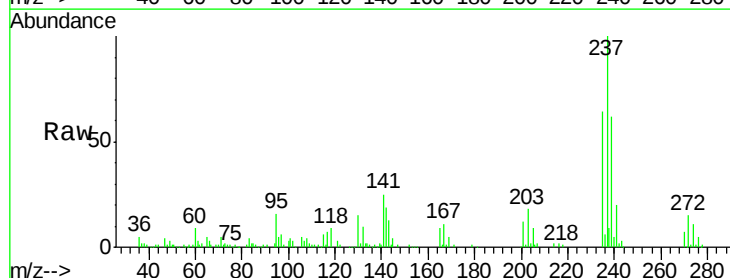
Tgt Ion:237 Resp: 83747

Ion Ratio Lower Upper

237 100

235 63.5 44.8 84.8

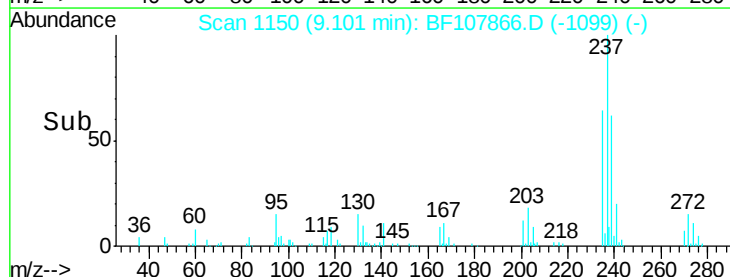
272 14.8 0.0 33.3



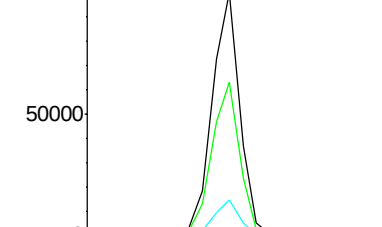
Abundance Ion 236.80 (236.50 to 237.50): E

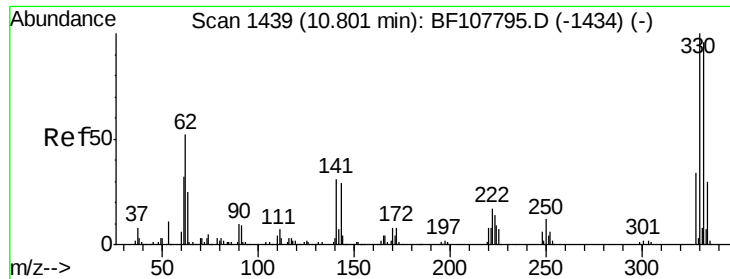
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

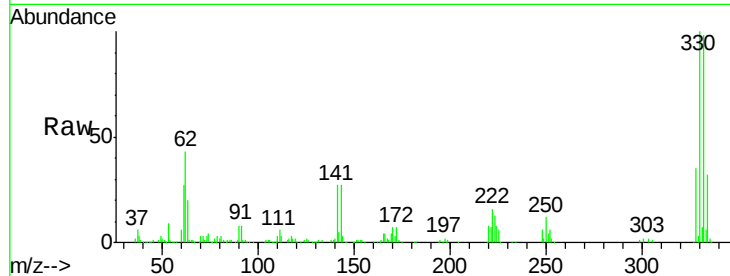




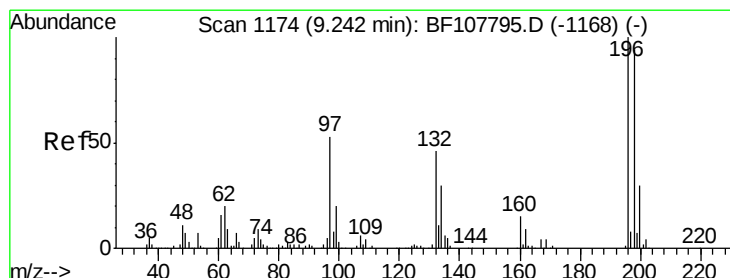
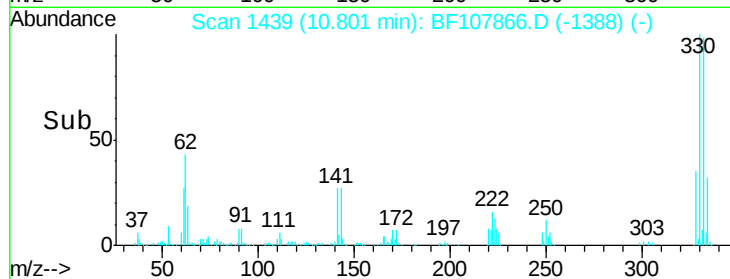
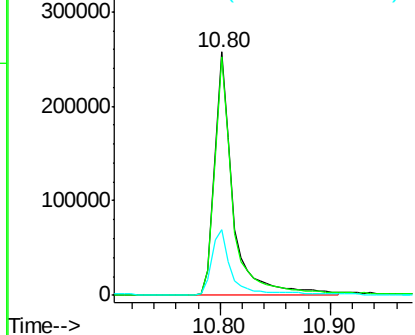
#41
 2,4,6-Tribromophenol
 Concen: 82.542 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107866.D
 Acq: 31 Jul 2018 22:47

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMSD

Tgt Ion:330 Resp: 300882
 Ion Ratio Lower Upper
 330 100
 332 98.8 77.0 115.6
 141 26.6 29.9 44.9#

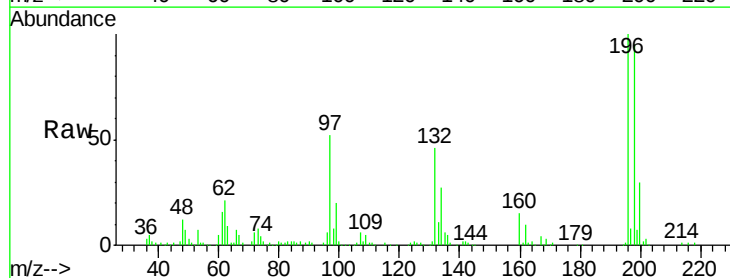


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

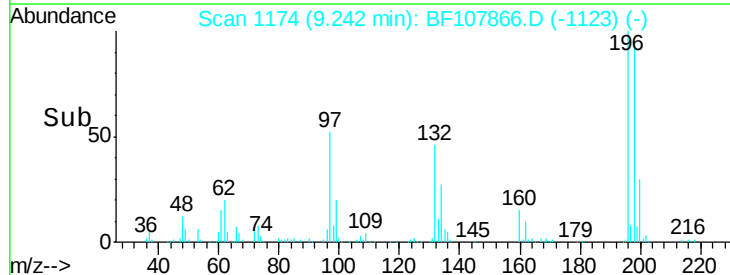
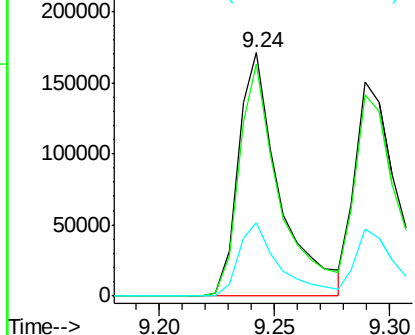


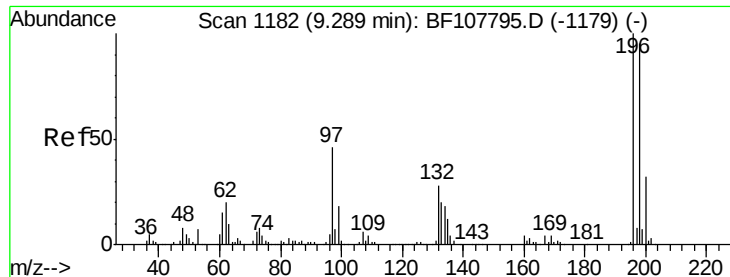
#42
 2,4,6-Trichlorophenol
 Concen: 42.066 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF107866.D
 Acq: 31 Jul 2018 22:47

Tgt Ion:196 Resp: 212704
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 200 30.0 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

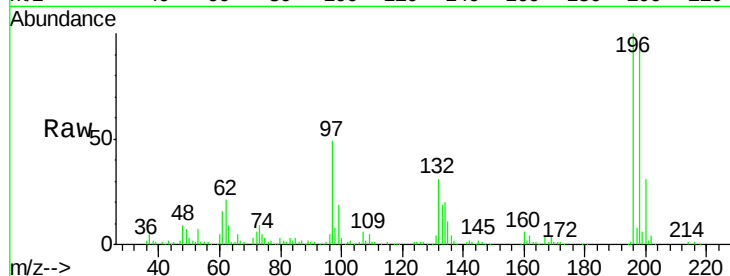




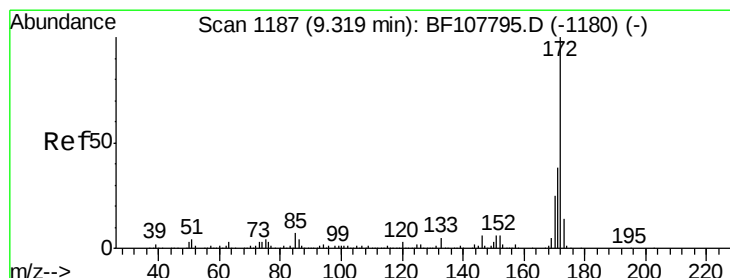
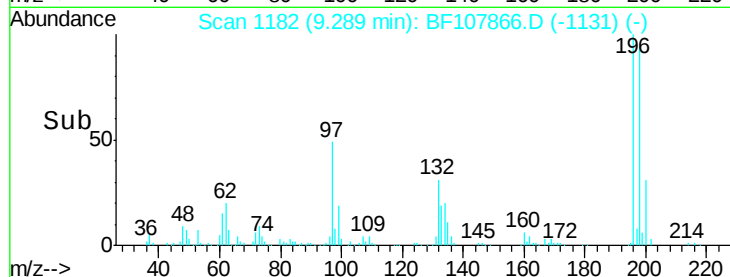
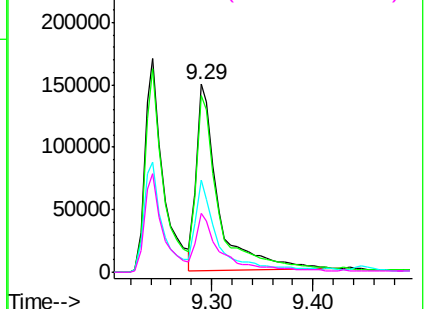
#43
 2,4,5-Trichlorophenol
 Concen: 37.370 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF107866.D
 Acq: 31 Jul 2018 22:47

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMSD

Tgt Ion:196 Resp: 227483
 Ion Ratio Lower Upper
 196 100
 198 94.0 74.6 112.0
 97 49.0 42.9 64.3
 132 31.4 26.3 39.5

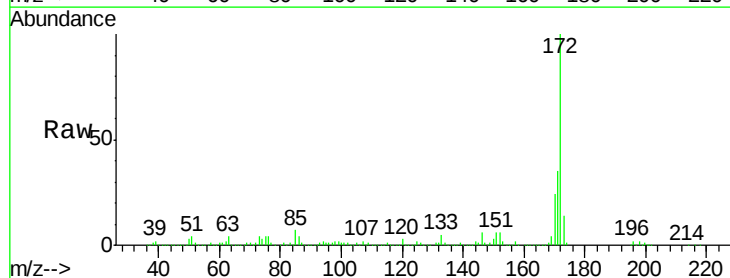


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

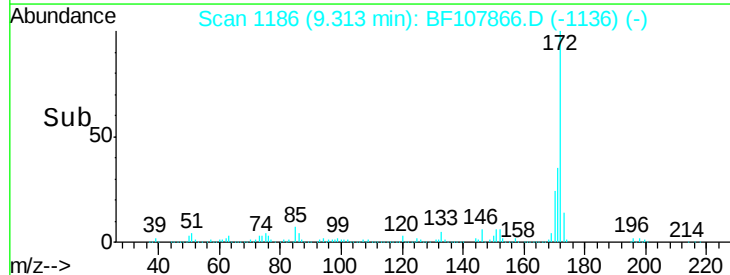
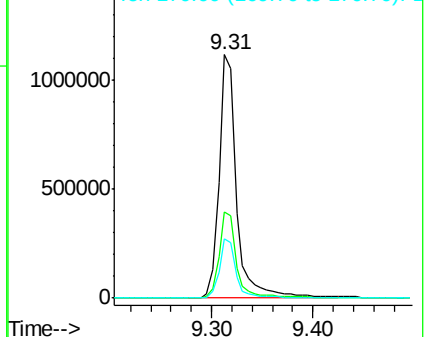


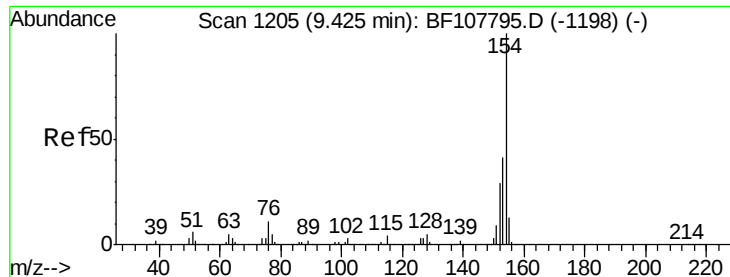
#44
 2-Fluorobiphenyl
 Concen: 69.699 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107866.D
 Acq: 31 Jul 2018 22:47

Tgt Ion:172 Resp: 1341803
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 24.2 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

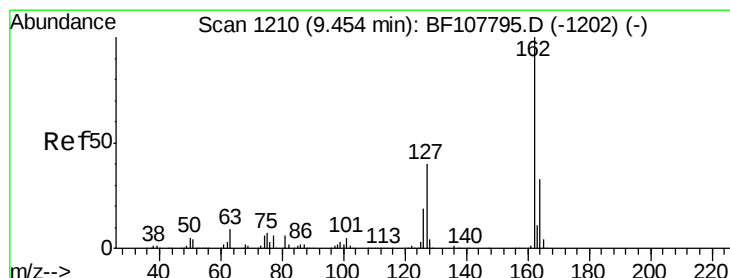
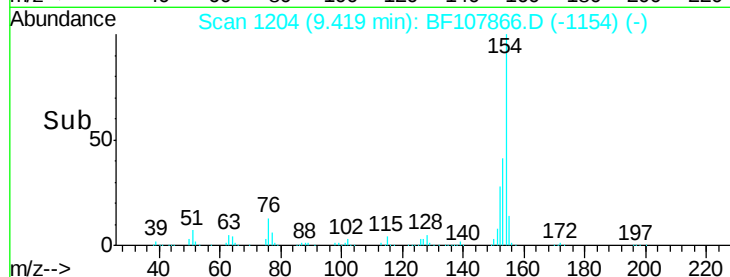
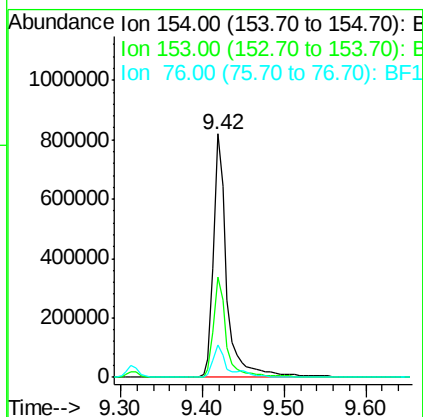
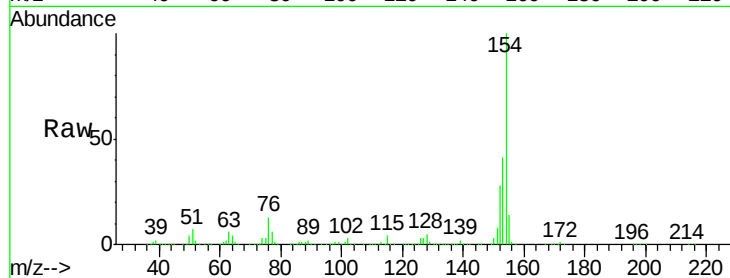




#45
 1,1'-Biphenyl
 Concen: 38.431 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF107866.D
 Acq: 31 Jul 2018 22:47

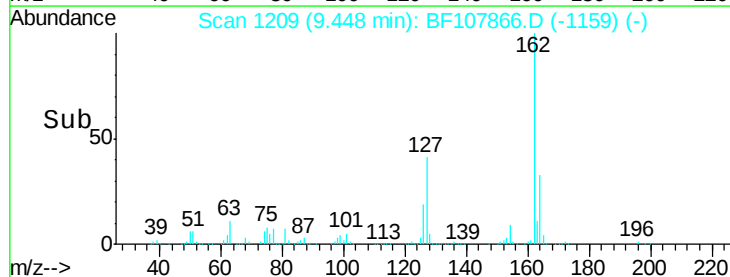
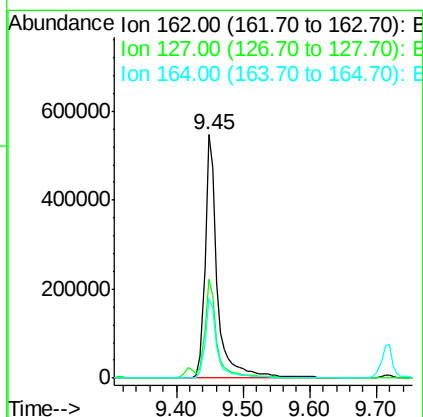
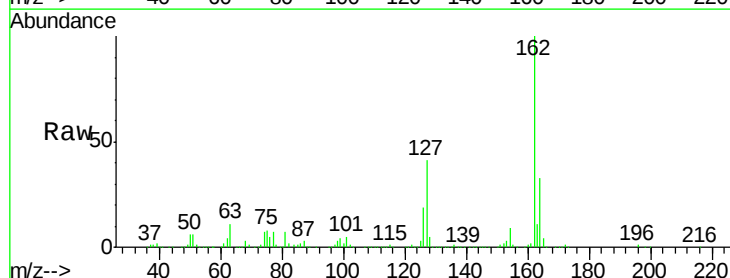
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMSD

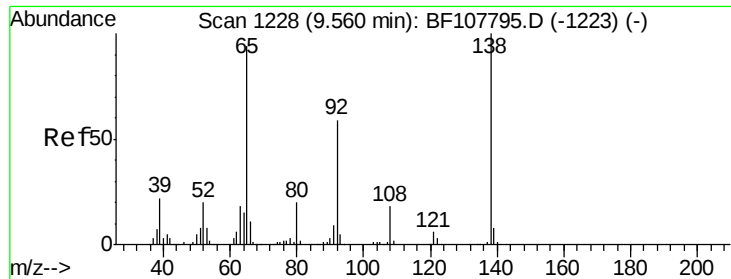
Tgt Ion:154 Resp: 938240
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.3 61.3
 76 13.2 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 38.043 ng
 RT: 9.45 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF107866.D
 Acq: 31 Jul 2018 22:47

Tgt Ion:162 Resp: 700377
 Ion Ratio Lower Upper
 162 100
 127 40.8 33.9 50.9
 164 32.8 26.5 39.7

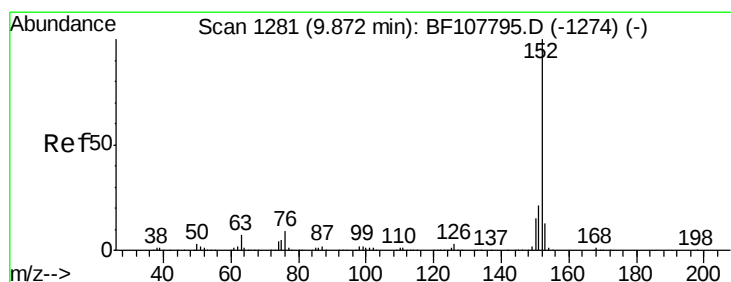
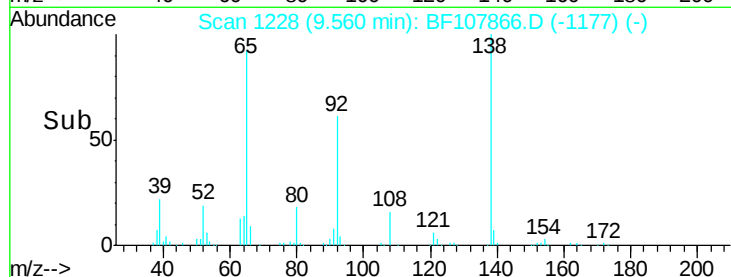
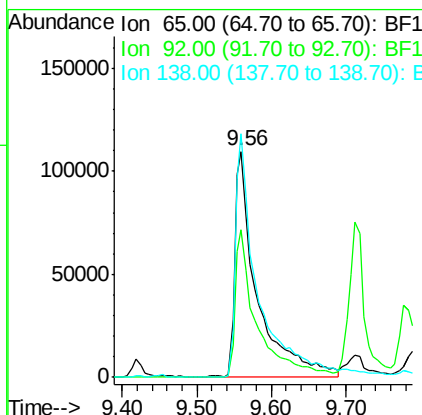
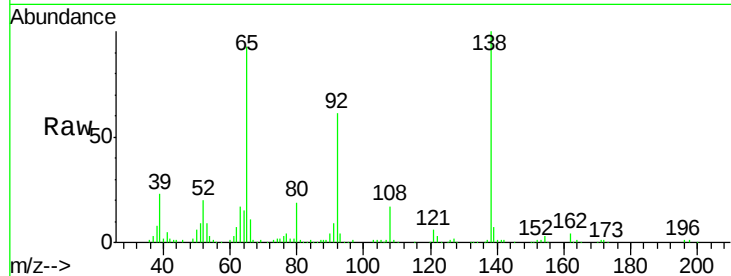




#47
2-Nitroaniline
Concen: 38.308 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF107866.D
Acq: 31 Jul 2018 22:47

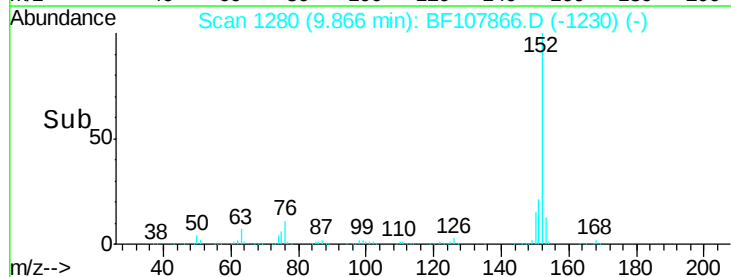
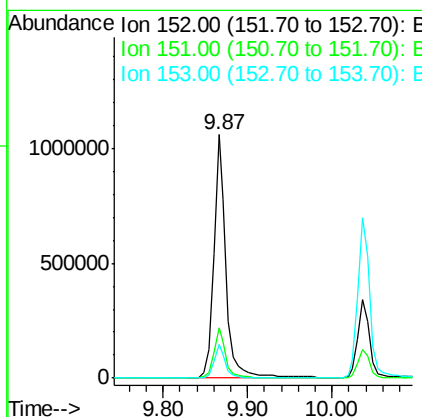
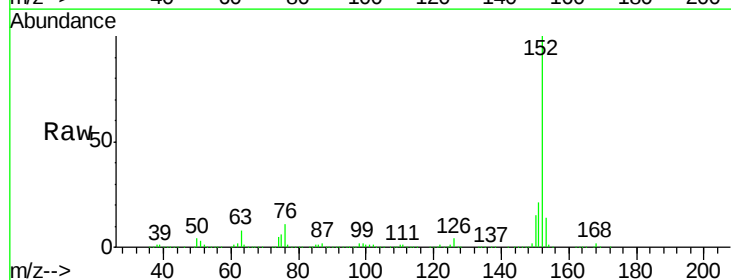
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMSD

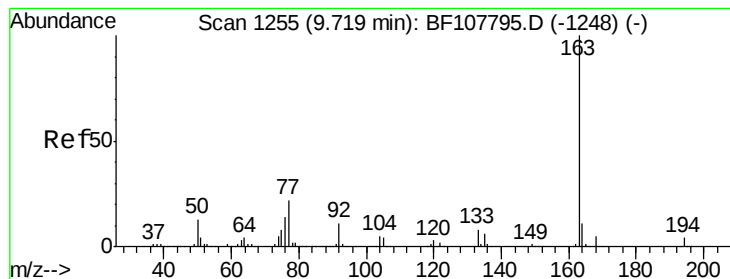
Tgt Ion: 65 Resp: 229405
Ion Ratio Lower Upper
65 100
92 65.2 55.8 83.6
138 107.6 91.2 136.8



#48
Acenaphthylene
Concen: 38.397 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF107866.D
Acq: 31 Jul 2018 22:47

Tgt Ion: 152 Resp: 1095899
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.6 10.7 16.1





#49

Dimethylphthalate

Concen: 44.181 ng

RT: 9.72 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMSD

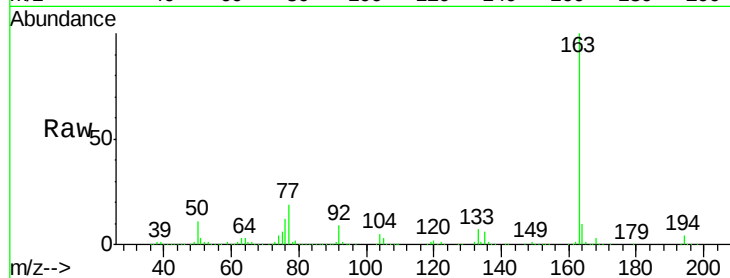
Tgt Ion:163 Resp: 890100

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

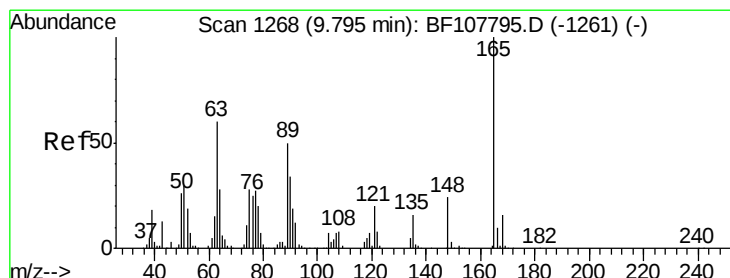
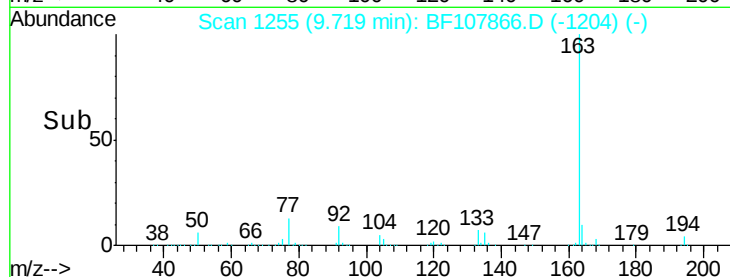
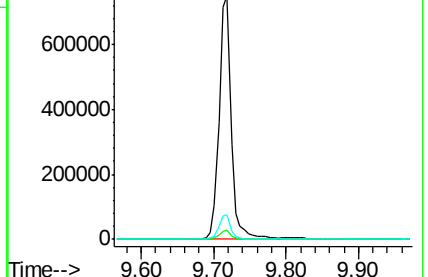
164 10.1 8.2 12.2



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: 38.204 ng

RT: 9.79 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

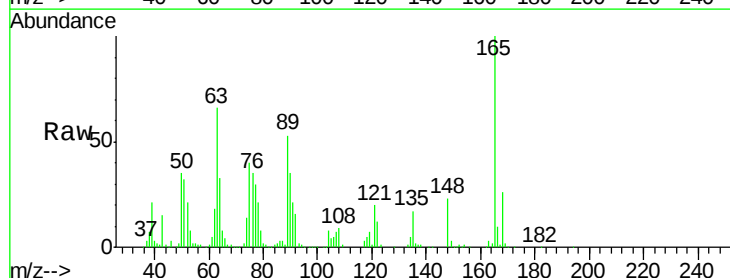
Tgt Ion:165 Resp: 167269

Ion Ratio Lower Upper

165 100

63 66.3 44.7 67.1

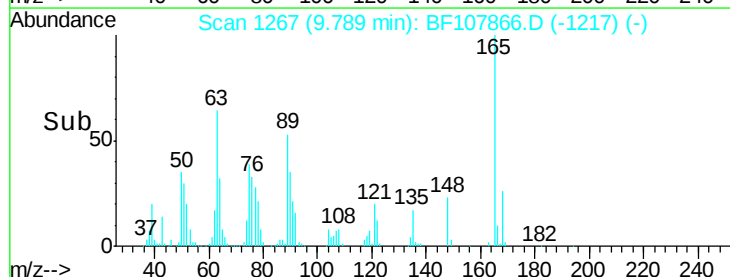
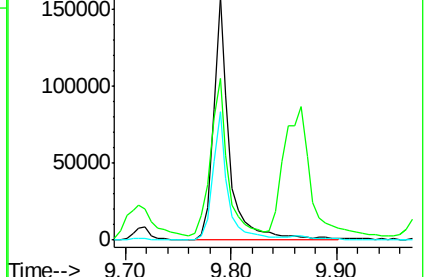
89 52.7 44.0 66.0

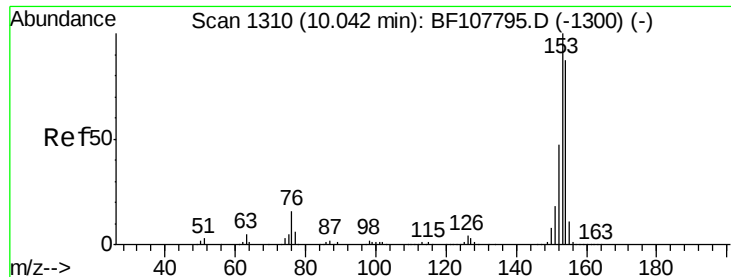


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 37.742 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMSD

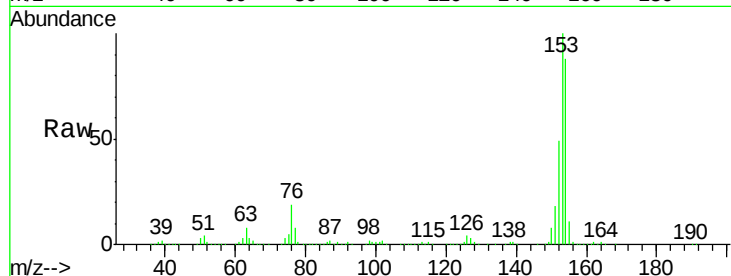
Tgt Ion:154 Resp: 625744

Ion Ratio Lower Upper

154 100

153 113.3 91.2 136.8

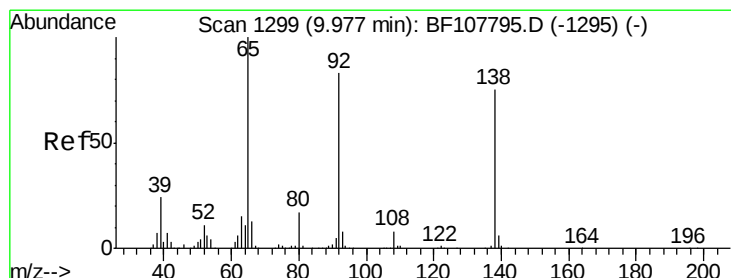
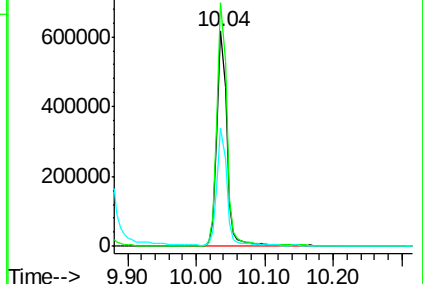
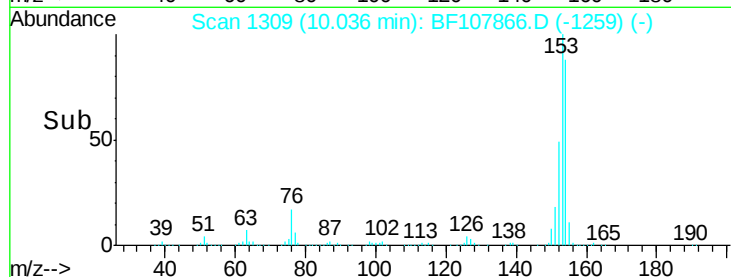
152 55.2 43.8 65.8



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: 30.260 ng

RT: 9.98 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

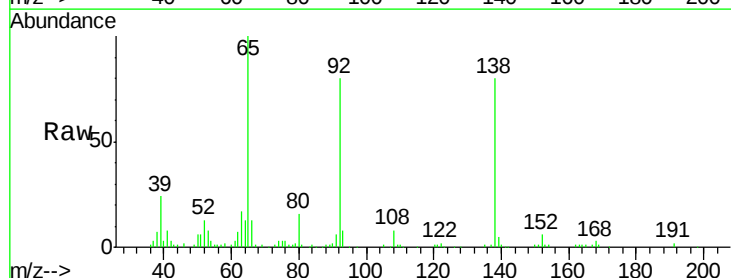
Tgt Ion:138 Resp: 166949

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

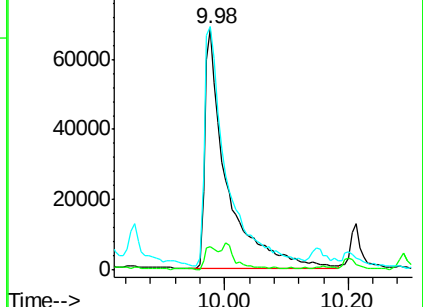
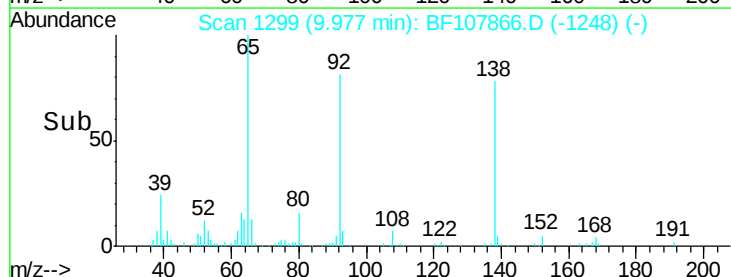
92 100.9 89.4 134.2

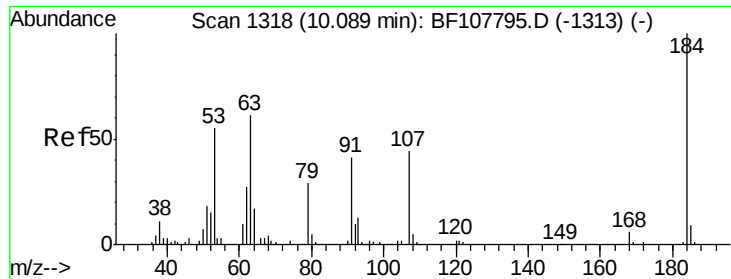


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

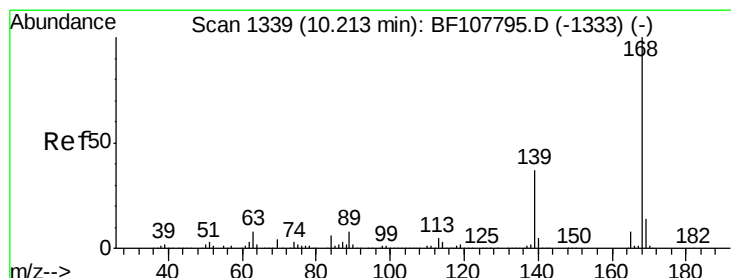
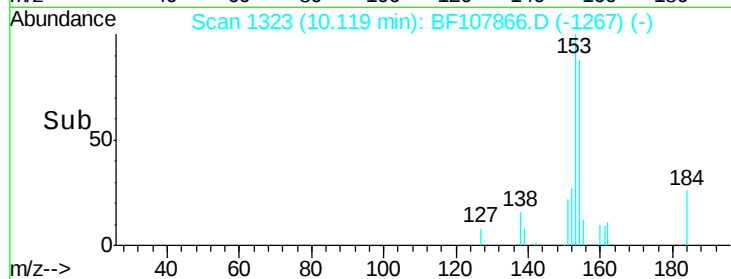
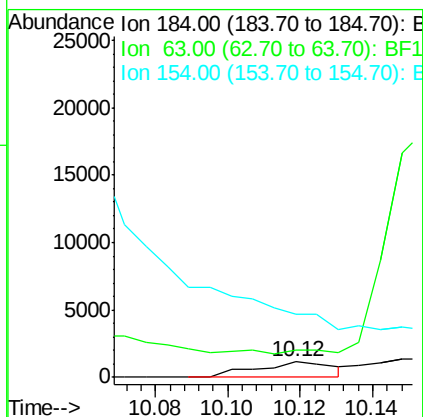
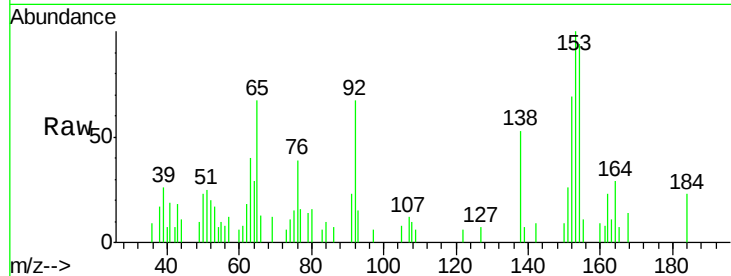




#53
2,4-Dinitrophenol
Concen: 9.092 ng
RT: 10.12 min Scan# 1323
Delta R.T. 0.03 min
Lab File: BF107866.D
Acq: 31 Jul 2018 22:47

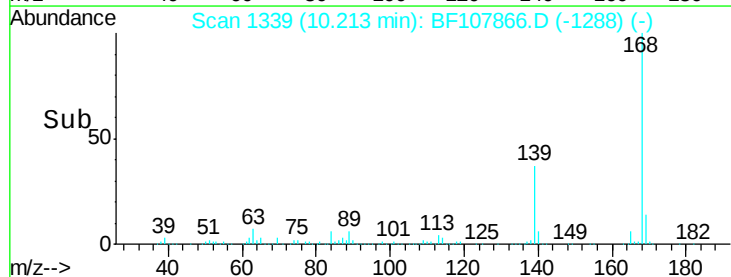
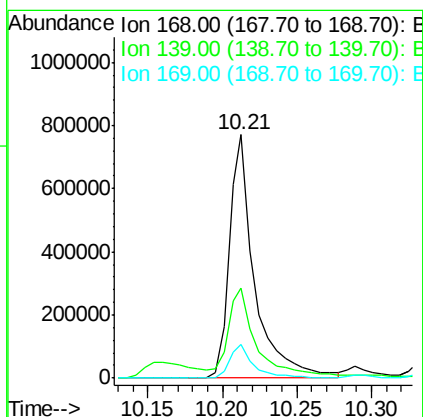
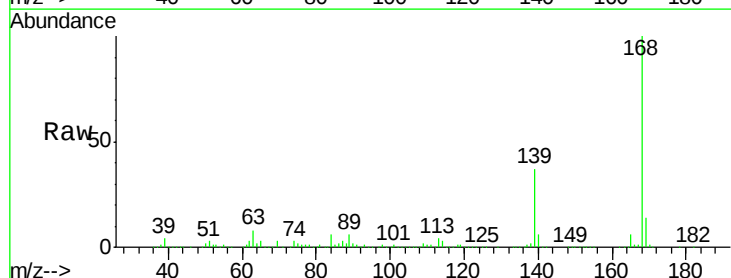
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMSD

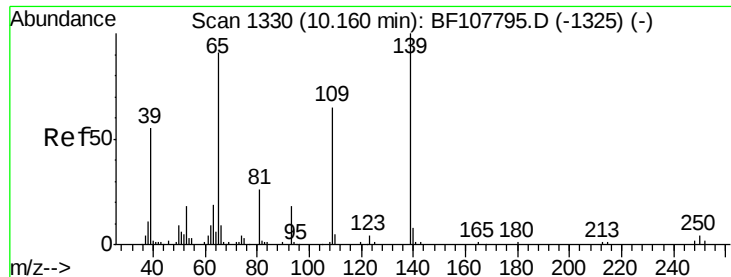
Tgt Ion:184 Resp: 1681
Ion Ratio Lower Upper
184 100
63 171.5 54.2 81.2#
154 408.6 184.0 276.0#



#54
Dibenzofuran
Concen: 35.628 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF107866.D
Acq: 31 Jul 2018 22:47

Tgt Ion:168 Resp: 912997
Ion Ratio Lower Upper
168 100
139 37.0 30.1 45.1
169 13.8 10.9 16.3

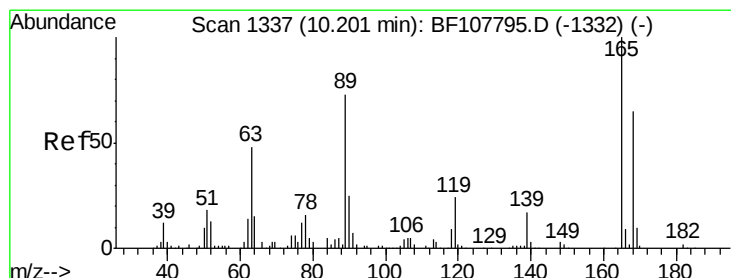
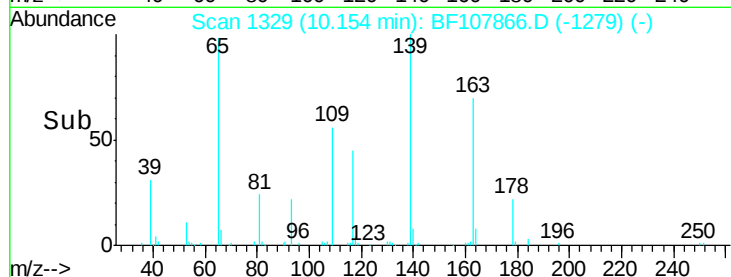
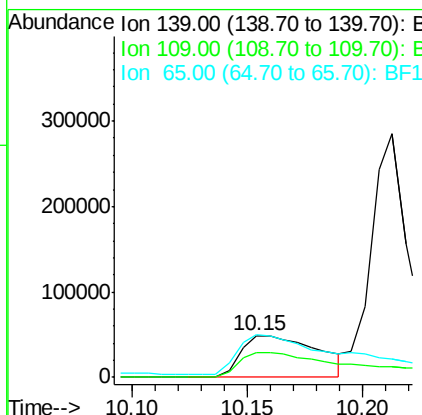
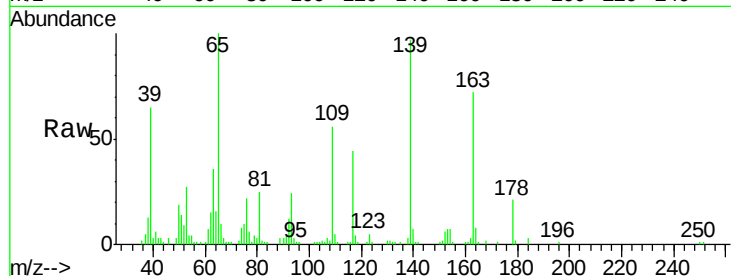




#55
4-Nitrophenol
Concen: 47.684 ng
RT: 10.15 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF107866.D
Acq: 31 Jul 2018 22:47

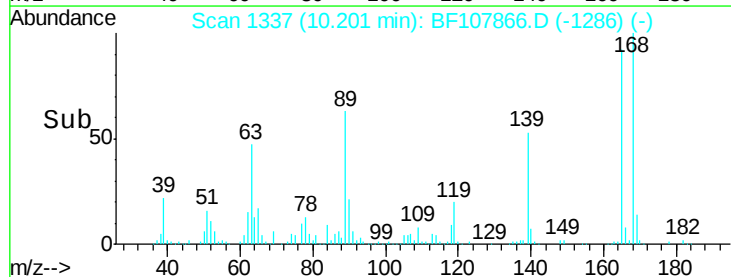
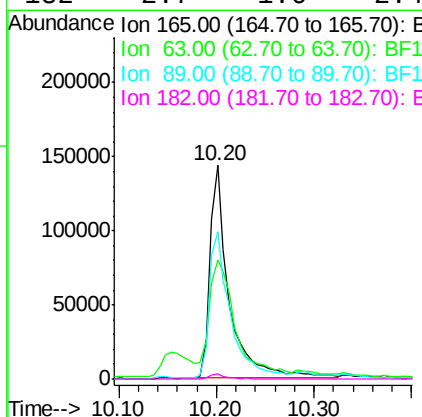
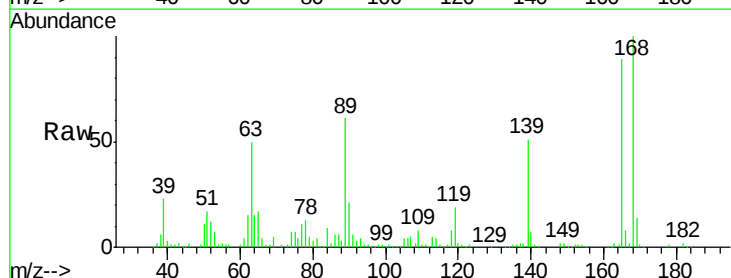
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMSD

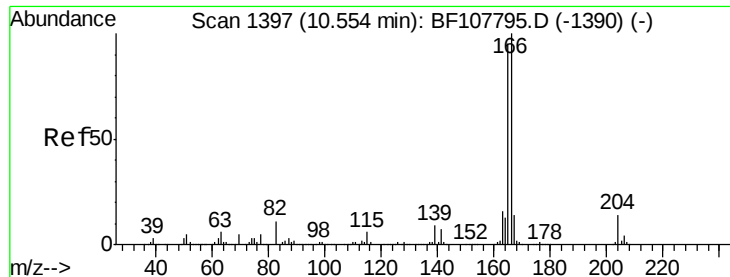
Tgt Ion:139 Resp: 112763
Ion Ratio Lower Upper
139 100
109 57.9 48.4 88.4
65 103.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 34.011 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF107866.D
Acq: 31 Jul 2018 22:47

Tgt Ion:165 Resp: 195719
Ion Ratio Lower Upper
165 100
63 56.0 36.4 54.6#
89 69.1 57.8 86.6
182 2.7 1.6 2.4#





#57

Fluorene

Concen: 35.400 ng

RT: 10.55 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMSD

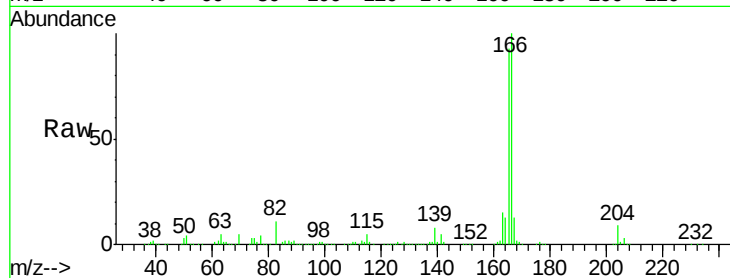
Tgt Ion:166 Resp: 705010

Ion Ratio Lower Upper

166 100

165 92.8 79.8 119.8

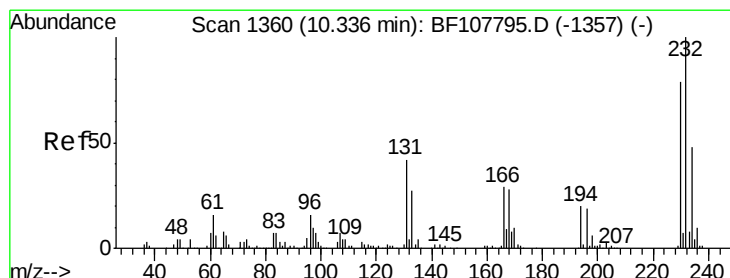
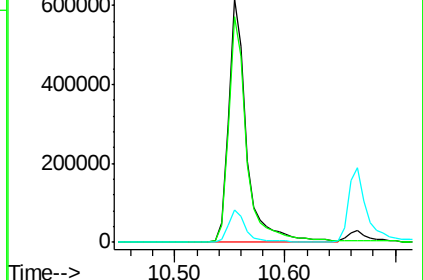
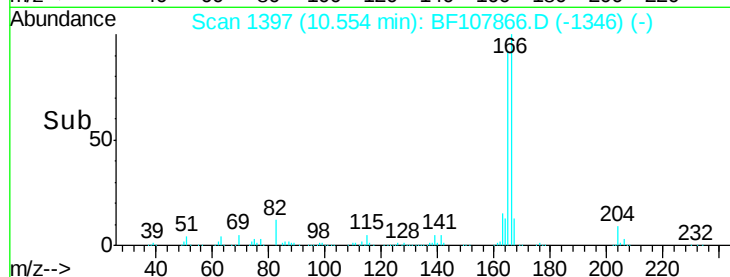
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.112 ng

RT: 10.33 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Tgt Ion:232 Resp: 173954

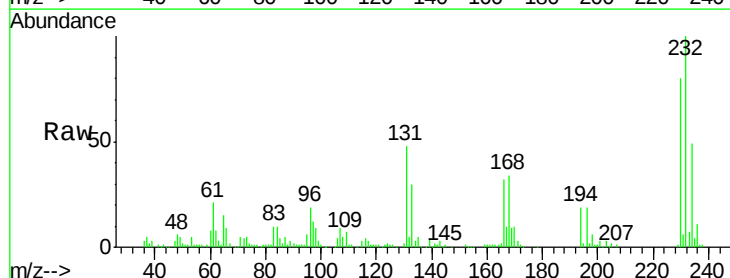
Ion Ratio Lower Upper

232 100

131 40.9 43.8 65.8#

130 2.3 2.1 3.1

166 27.3 27.8 41.6#

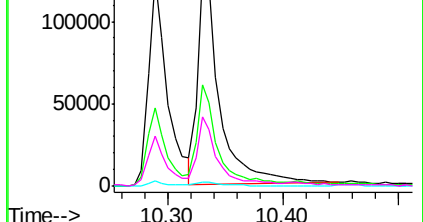
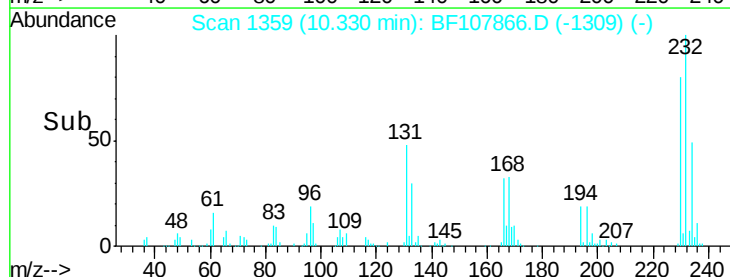


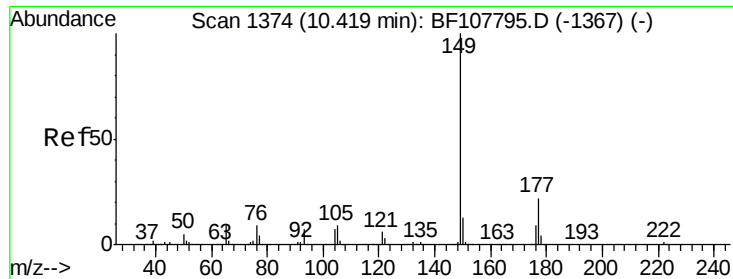
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

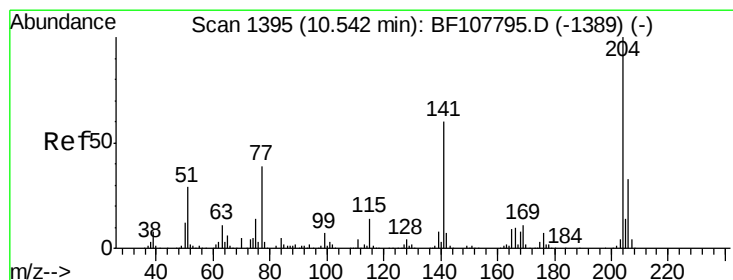
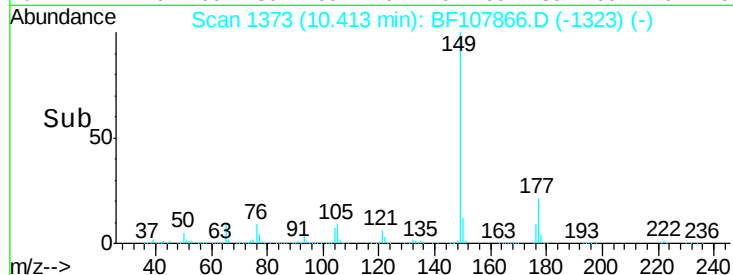
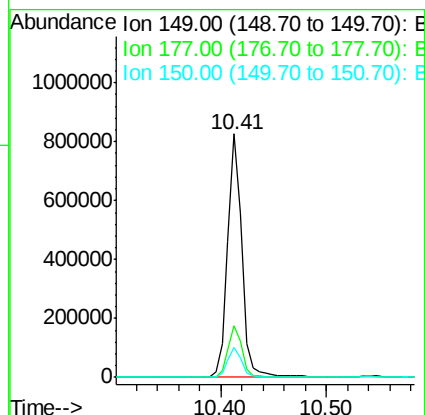
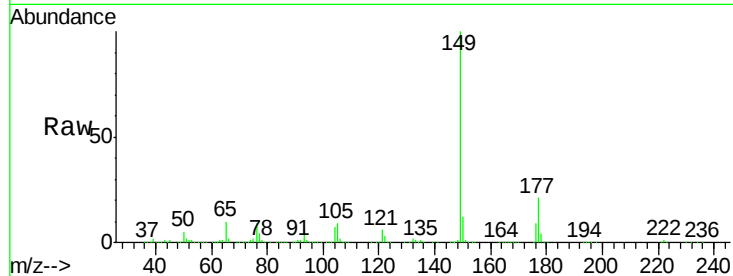




#59
Diethylphthalate
Concen: 35.950 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF107866.D
Acq: 31 Jul 2018 22:47

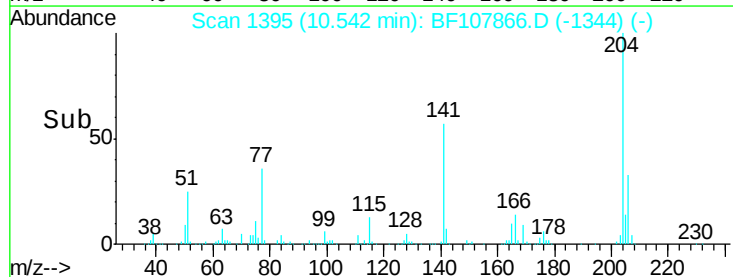
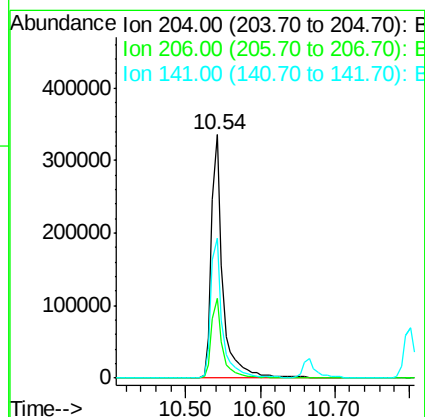
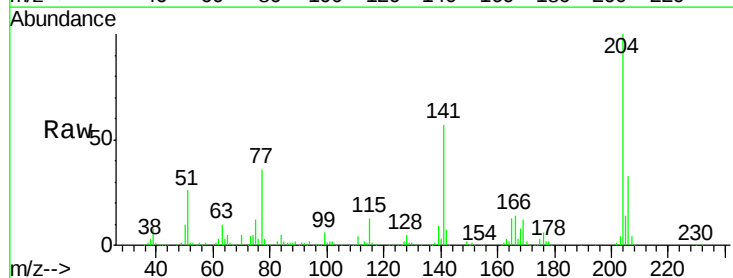
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMSD

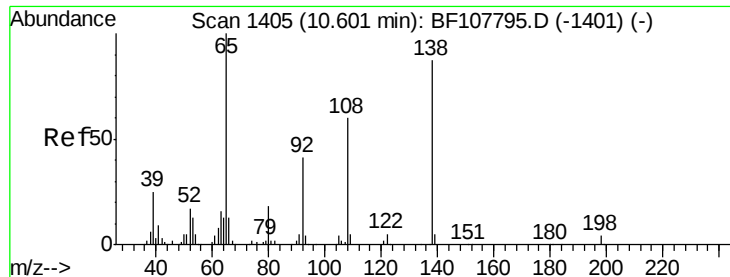
Tgt Ion:149 Resp: 778723
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 32.995 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF107866.D
Acq: 31 Jul 2018 22:47

Tgt Ion:204 Resp: 357964
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 57.5 54.6 81.8

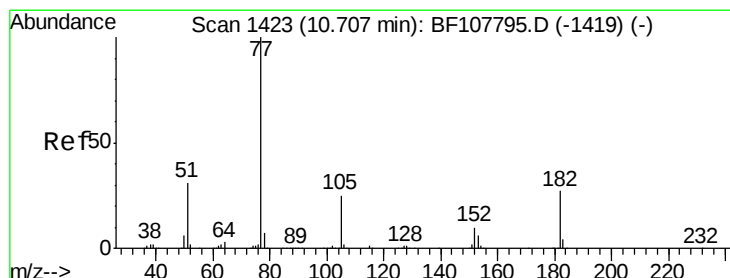
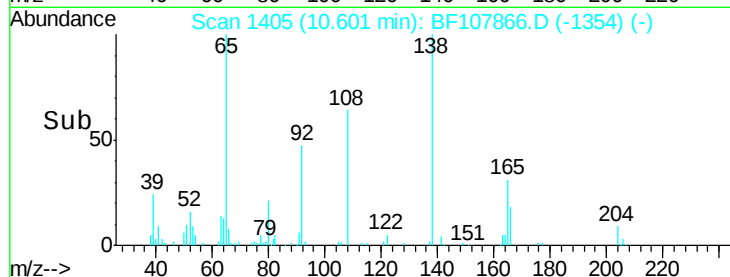
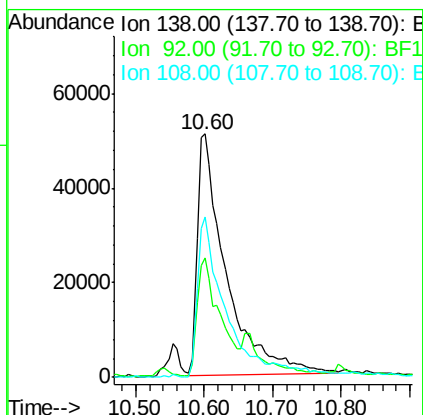
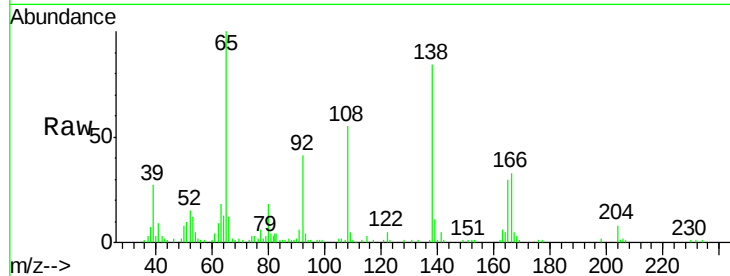




#61
4-Nitroaniline
Concen: 30.743 ng
RT: 10.60 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF107866.D
Acq: 31 Jul 2018 22:47

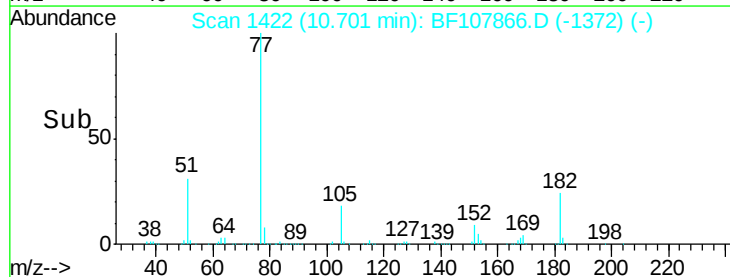
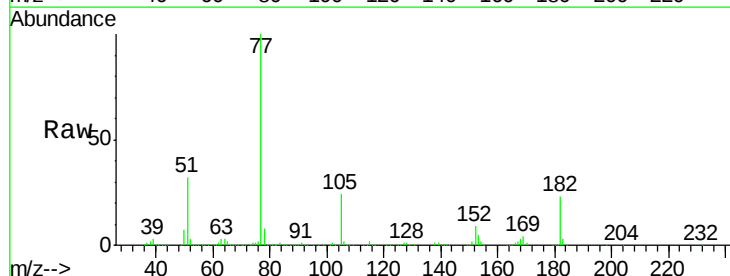
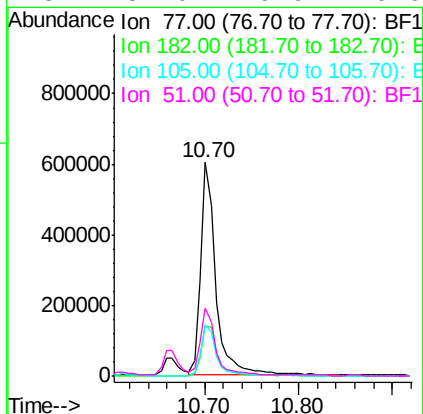
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMSD

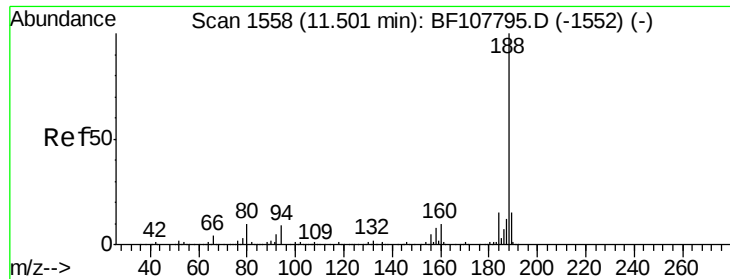
Tgt Ion:138 Resp: 150522
Ion Ratio Lower Upper
138 100
92 48.9 30.2 70.2
108 65.9 52.5 92.5



#62
Azobenzene
Concen: 33.443 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF107866.D
Acq: 31 Jul 2018 22:47

Tgt Ion: 77 Resp: 674676
Ion Ratio Lower Upper
77 100
182 23.5 1.7 41.7
105 24.3 3.0 43.0
51 32.0 9.9 49.9

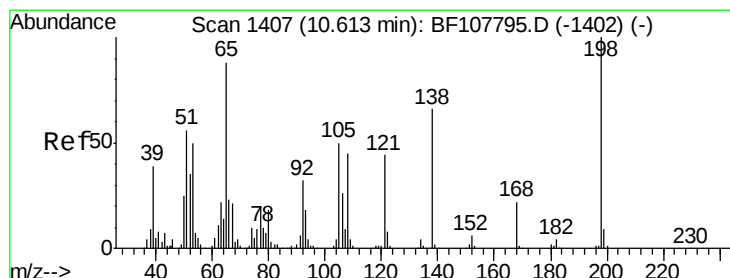
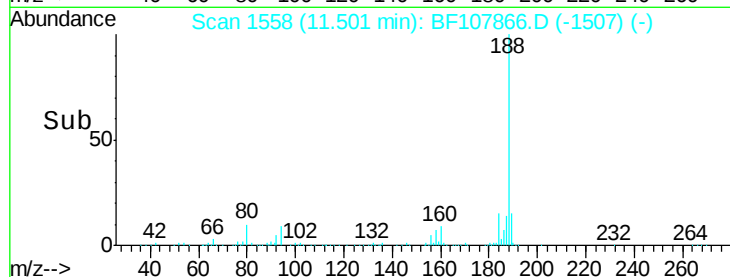
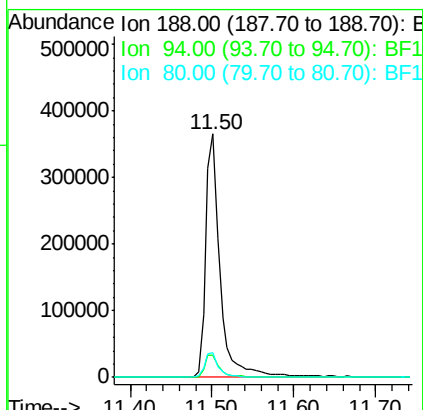
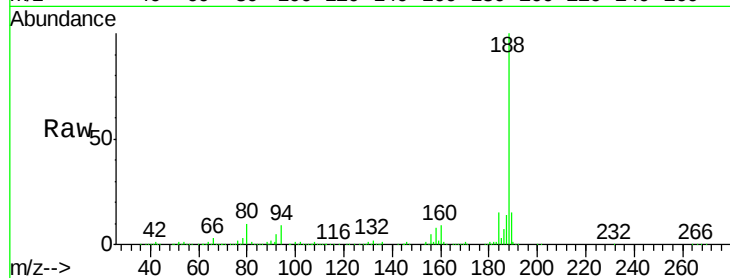




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107866.D
Acq: 31 Jul 2018 22:47

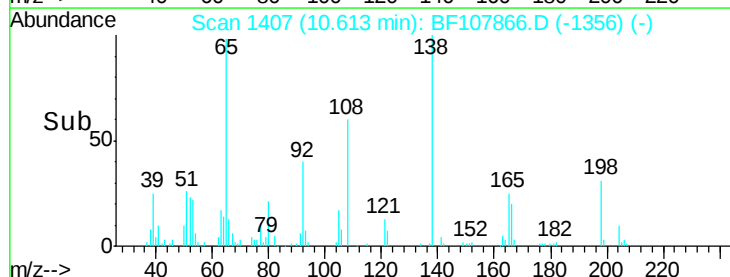
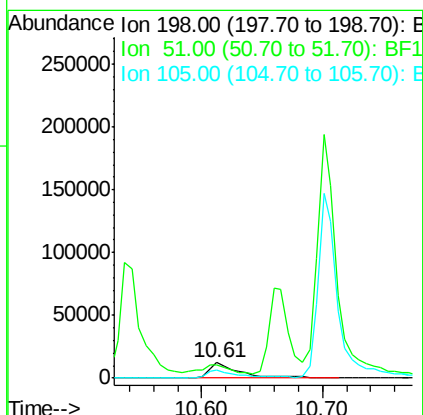
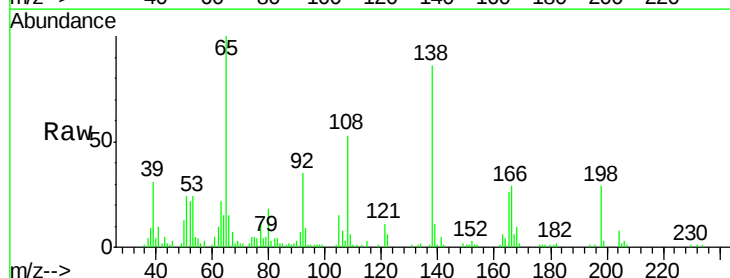
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMSD

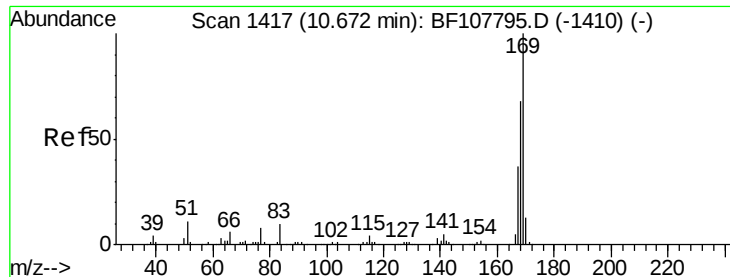
Tgt Ion:188 Resp: 450883
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 10.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.776 ng
RT: 10.61 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF107866.D
Acq: 31 Jul 2018 22:47

Tgt Ion:198 Resp: 21527
Ion Ratio Lower Upper
198 100
51 84.0 37.7 77.7#
105 51.3 36.3 76.3

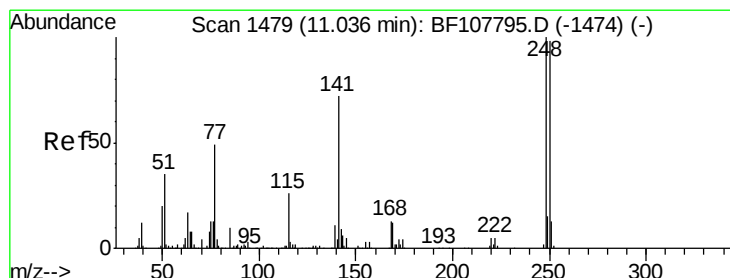
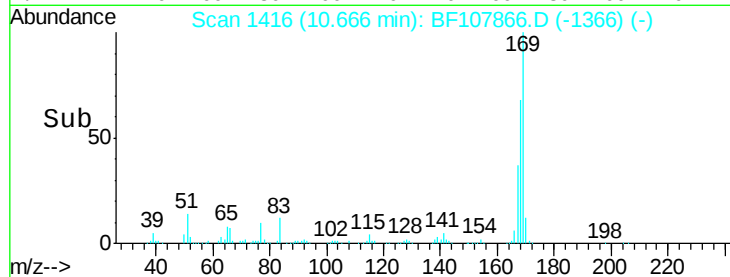
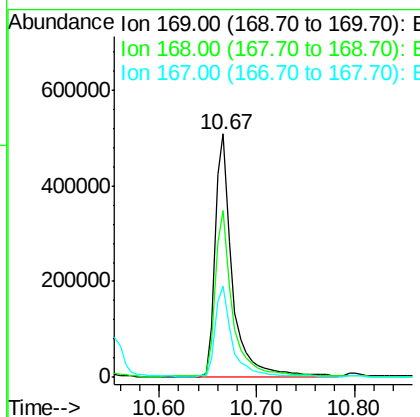
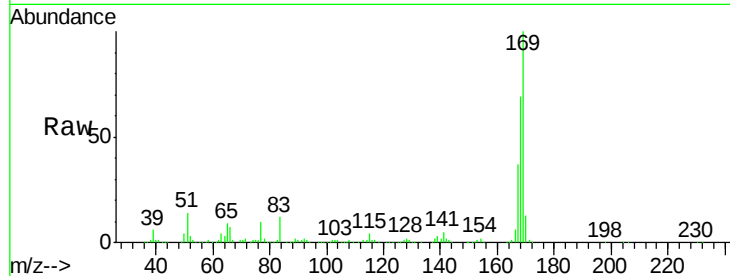




#65
 n-Nitrosodiphenylamine
 Concen: 41.940 ng
 RT: 10.67 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF107866.D
 Acq: 31 Jul 2018 22:47

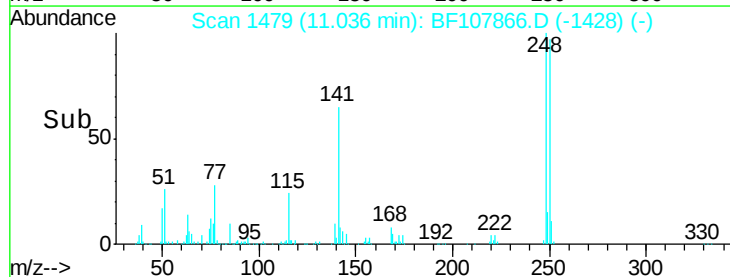
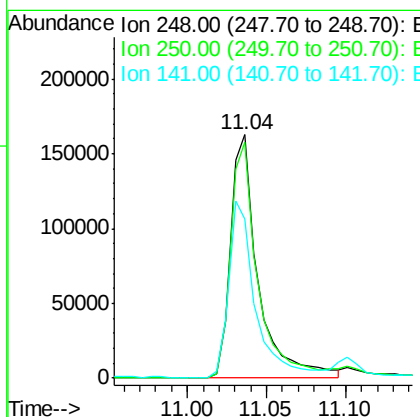
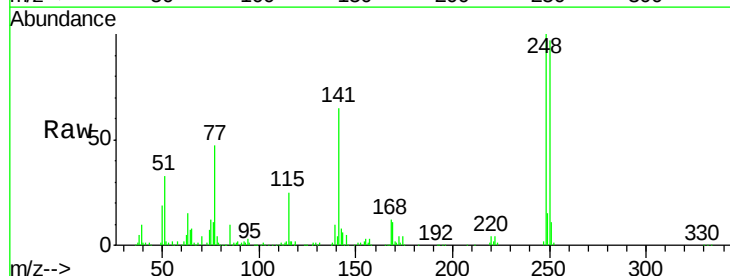
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMSD

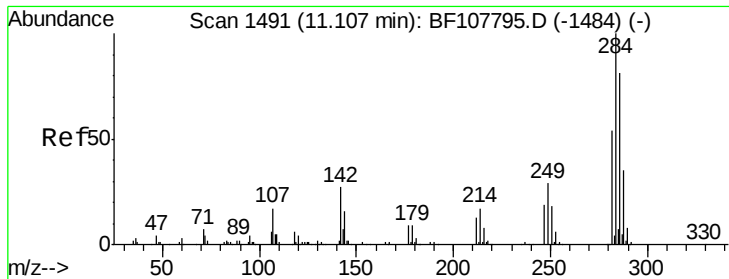
Tgt Ion:169 Resp: 622652
 Ion Ratio Lower Upper
 169 100
 168 68.5 54.4 81.6
 167 37.3 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 37.465 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF107866.D
 Acq: 31 Jul 2018 22:47

Tgt Ion:248 Resp: 196888
 Ion Ratio Lower Upper
 248 100
 250 96.8 76.9 115.3
 141 65.2 74.4 111.6#





#67

Hexachlorobenzene

Concen: 34.952 ng

RT: 11.10 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMSD

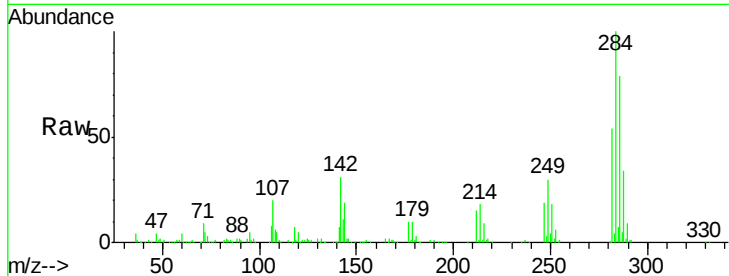
Tgt Ion: 284 Resp: 203686

Ion Ratio Lower Upper

284 100

142 31.4 34.6 52.0#

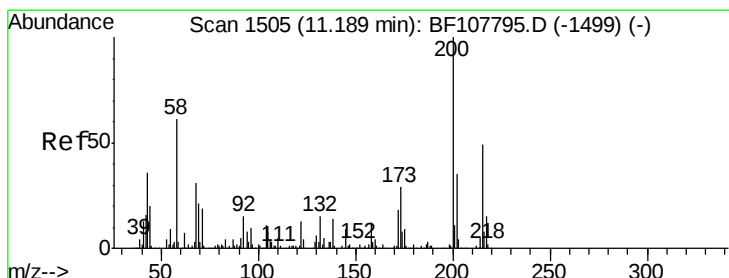
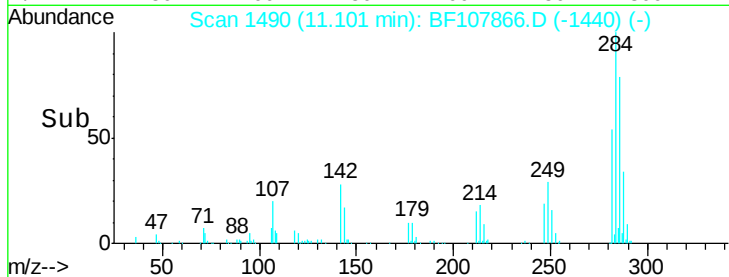
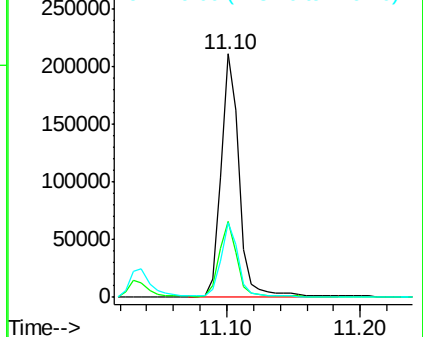
249 30.4 24.8 37.2



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: 40.013 ng

RT: 11.18 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

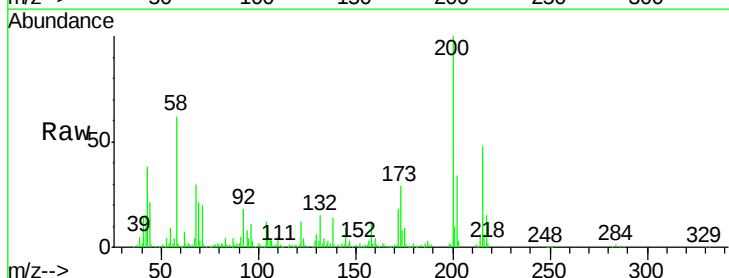
Tgt Ion: 200 Resp: 175820

Ion Ratio Lower Upper

200 100

173 29.4 8.6 48.6

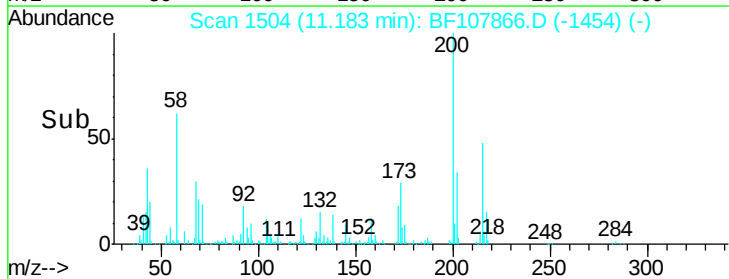
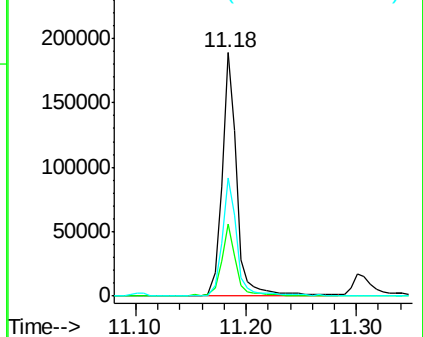
215 48.4 25.1 65.1

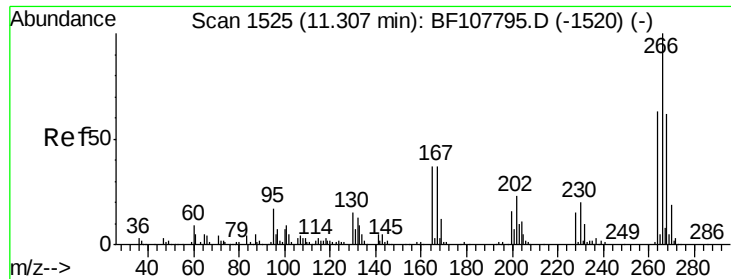


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

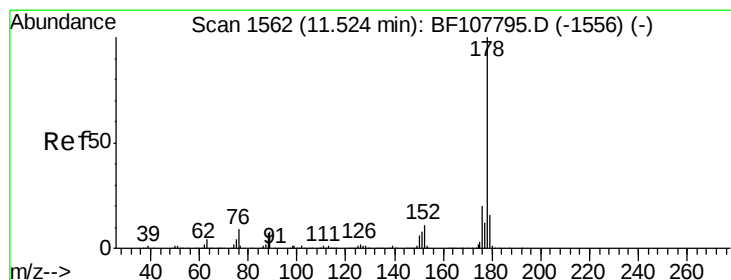
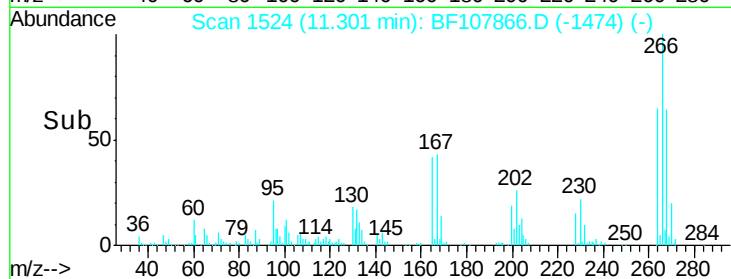
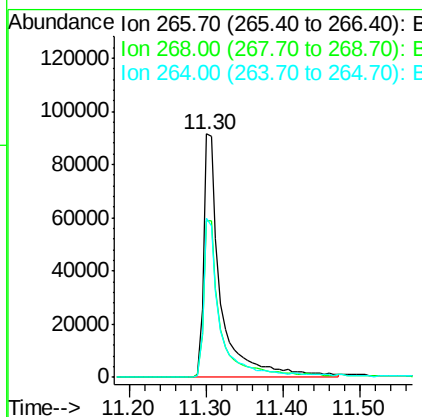
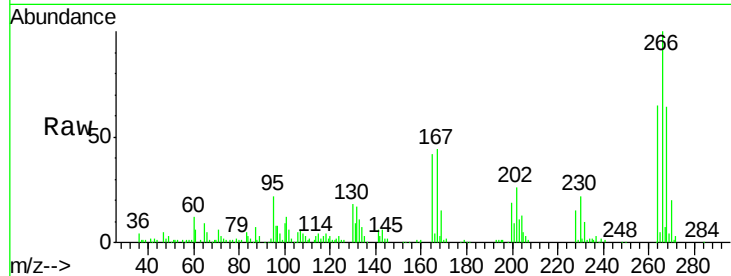




#69
 Pentachlorophenol
 Concen: 49.779 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF107866.D
 Acq: 31 Jul 2018 22:47

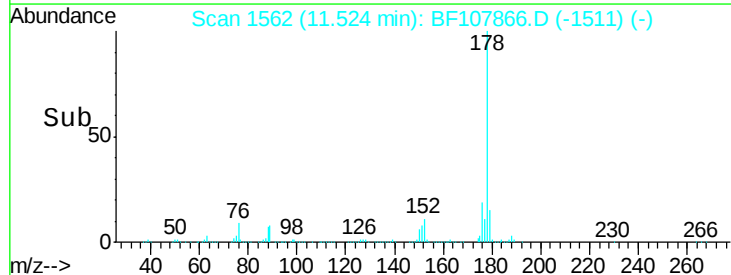
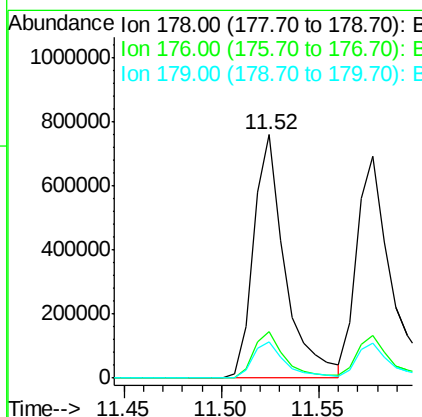
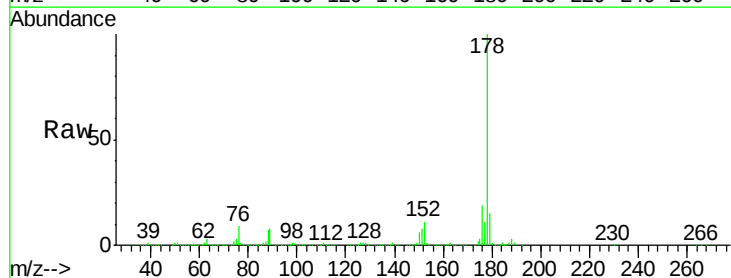
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMSD

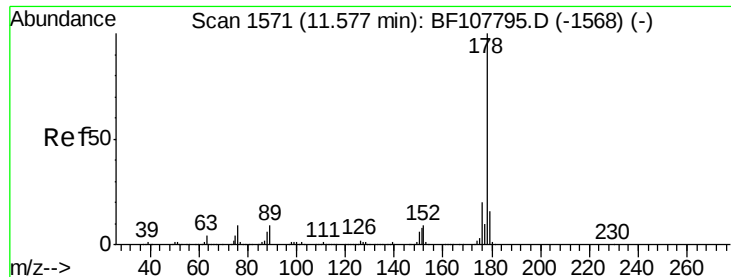
Tgt Ion: 266 Resp: 142805
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.1 76.7
 264 65.5 49.5 74.3



#70
 Phenanthrene
 Concen: 39.794 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF107866.D
 Acq: 31 Jul 2018 22:47

Tgt Ion: 178 Resp: 851961
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 14.9 13.0 19.6

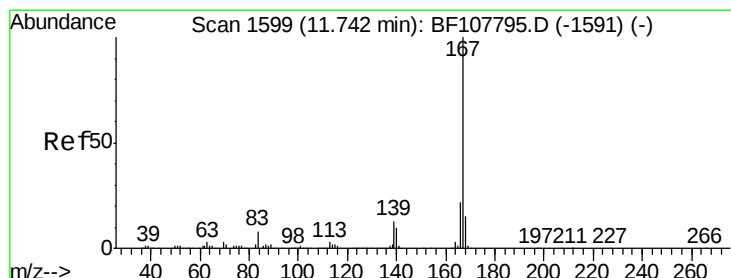
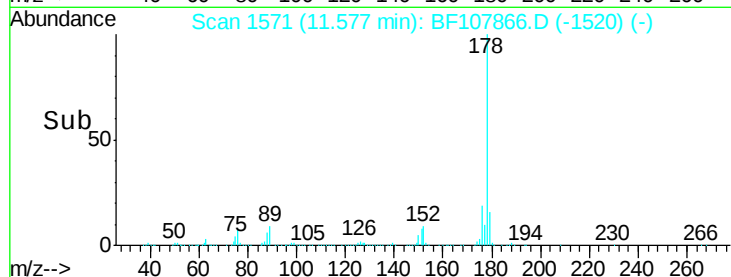
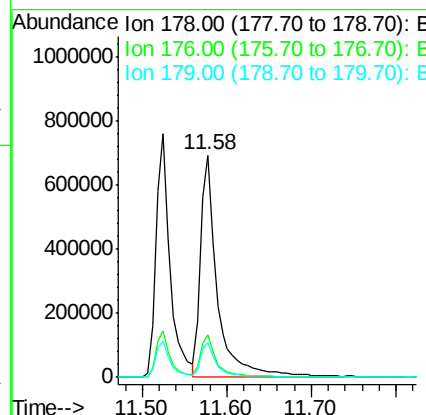
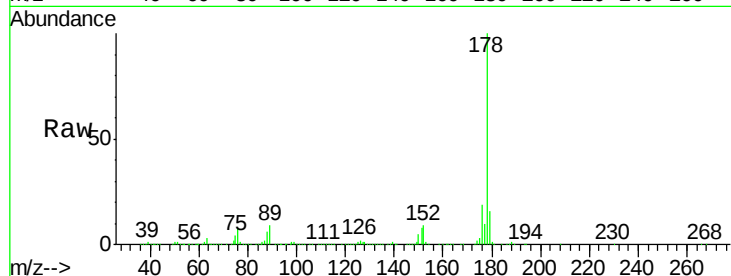




#71
 Anthracene
 Concen: 37.898 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF107866.D
 Acq: 31 Jul 2018 22:47

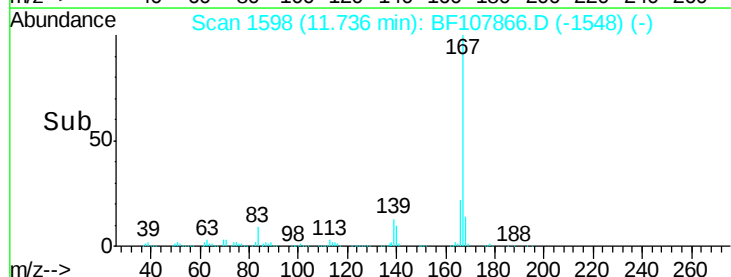
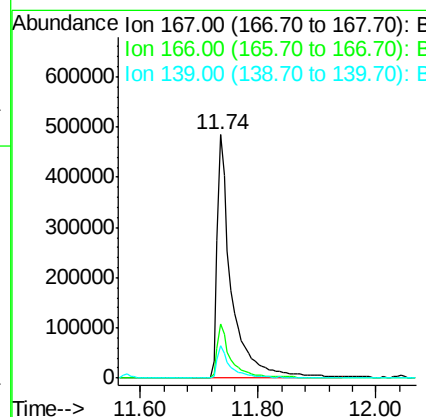
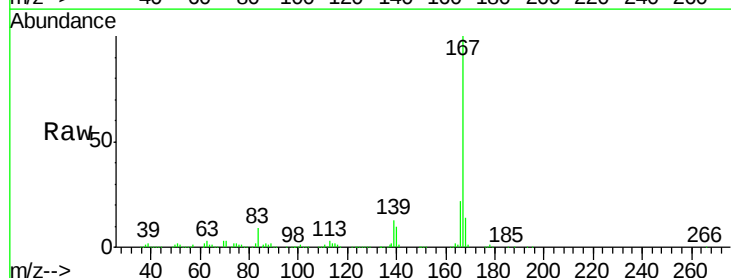
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMSD

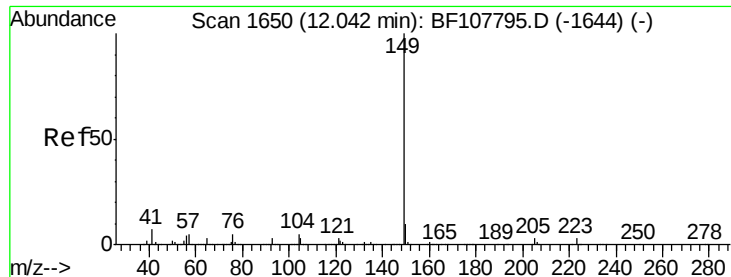
Tgt Ion:178 Resp: 935865
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 34.066 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107866.D
 Acq: 31 Jul 2018 22:47

Tgt Ion:167 Resp: 831319
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.2 10.9 16.3

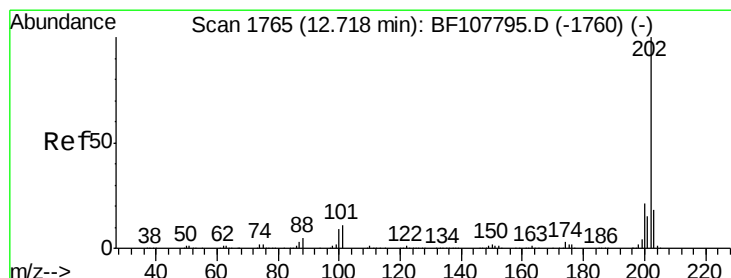
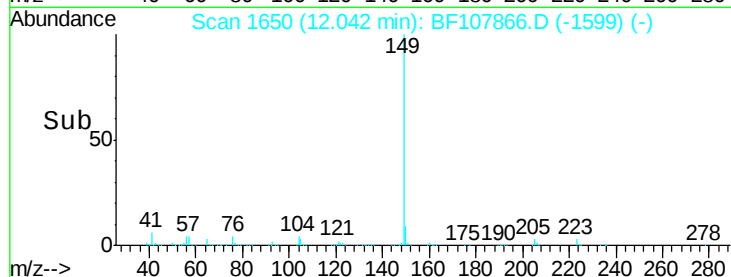
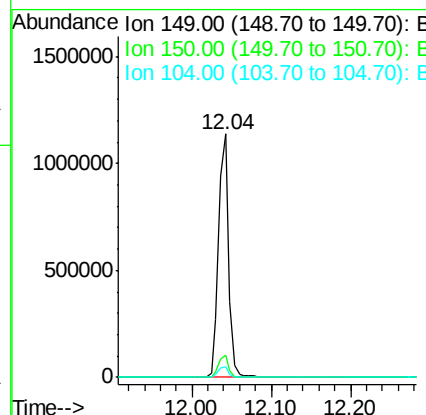
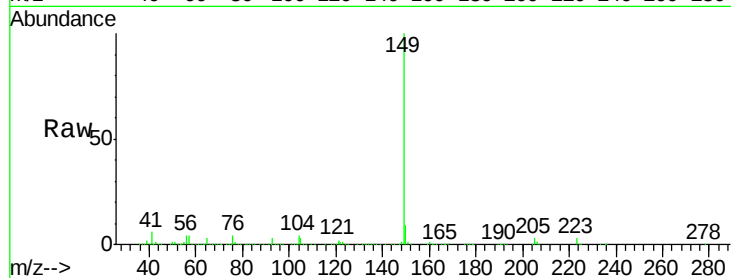




#73
Di-n-butylphthalate
Concen: 38.074 ng
RT: 12.04 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BF107866.D
Acq: 31 Jul 2018 22:47

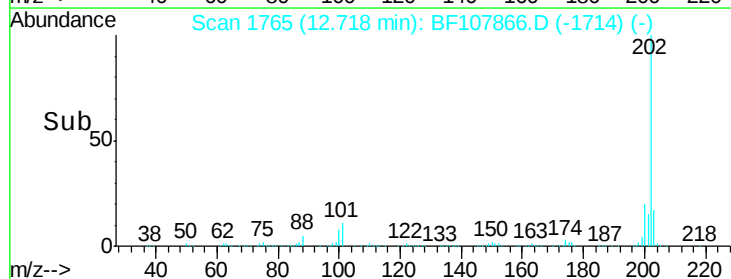
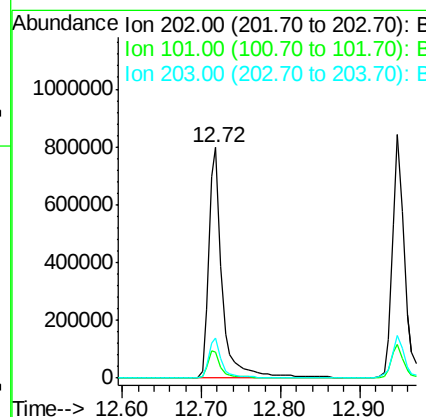
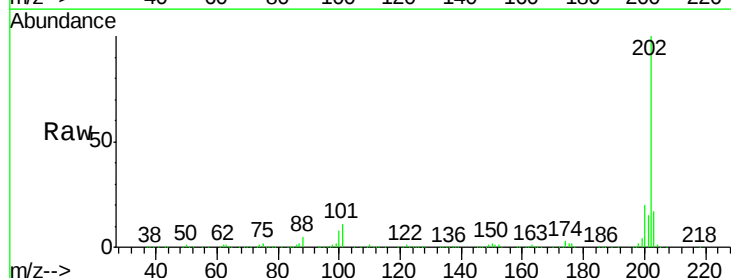
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMSD

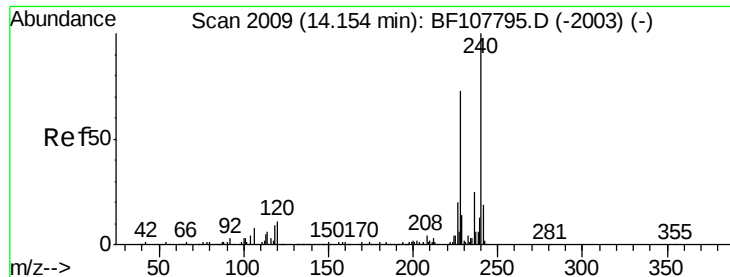
Tgt Ion:149 Resp: 1013633
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.4 3.8 5.8



#74
Fluoranthene
Concen: 37.557 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF107866.D
Acq: 31 Jul 2018 22:47

Tgt Ion:202 Resp: 944623
Ion Ratio Lower Upper
202 100
101 11.1 0.0 34.1
203 17.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMSD

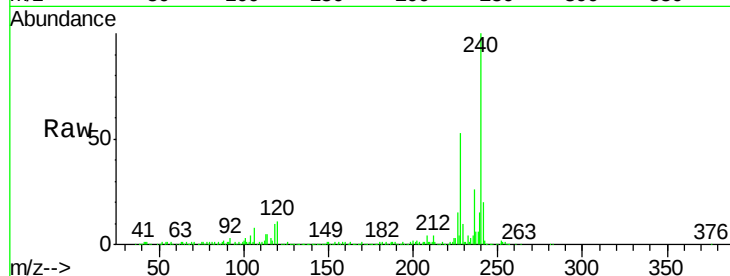
Tgt Ion:240 Resp: 387679

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

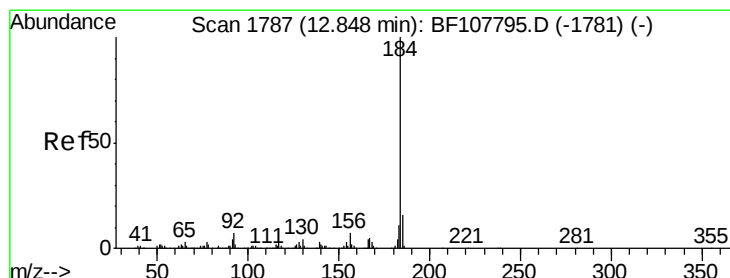
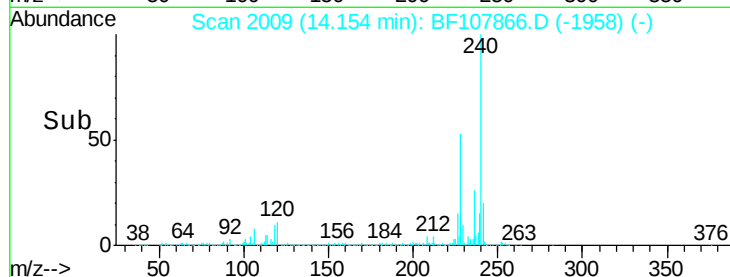
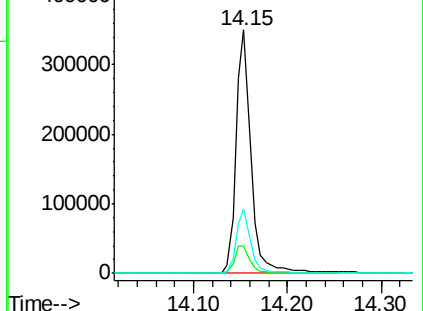
236 26.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.532 ng

RT: 12.85 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

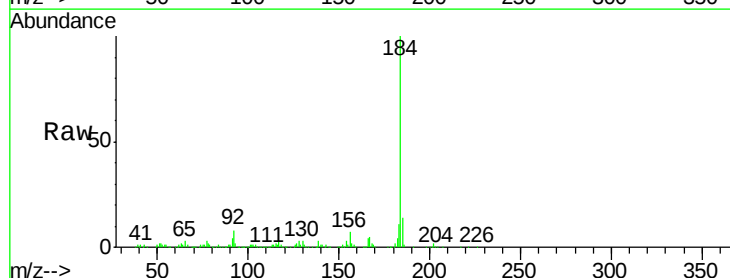
Tgt Ion:184 Resp: 558188

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

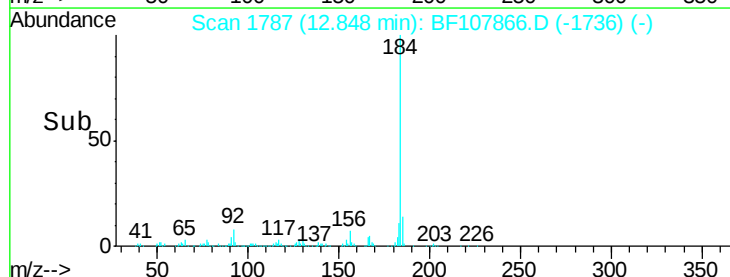
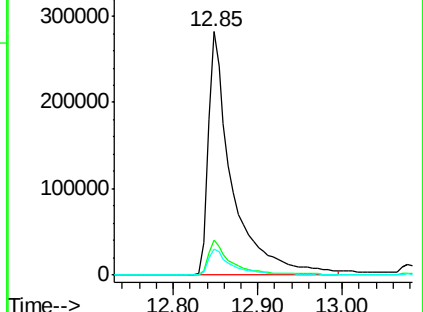
183 10.8 9.3 13.9

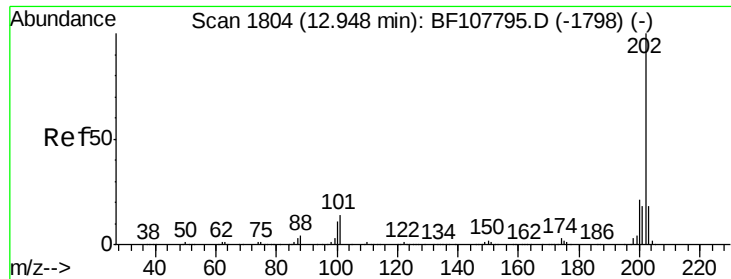


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

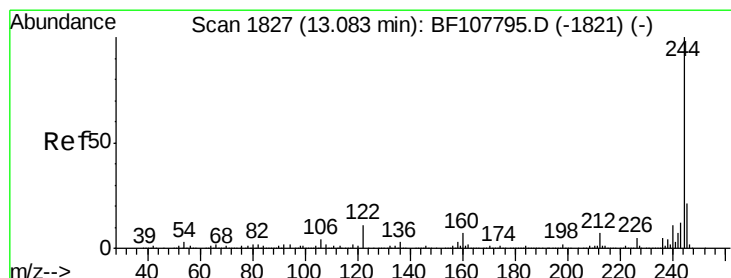
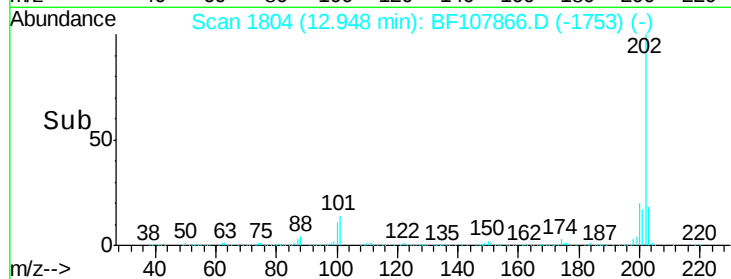
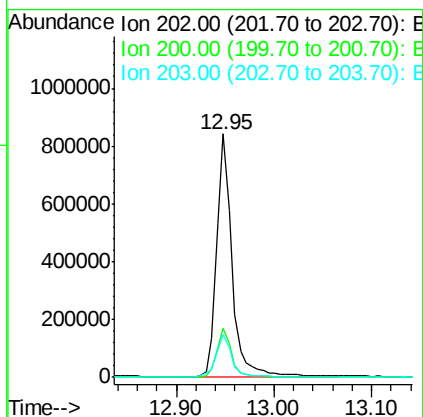
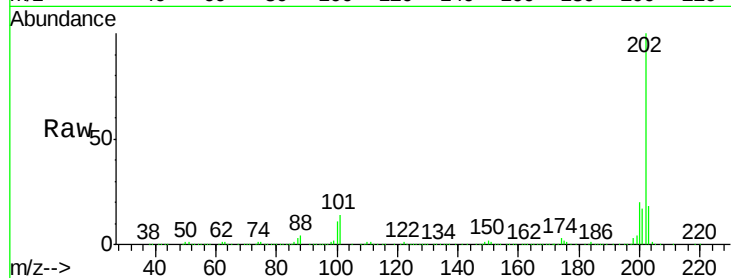




#77
 Pyrene
 Concen: 33.298 ng
 RT: 12.95 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: BF107866.D
 Acq: 31 Jul 2018 22:47

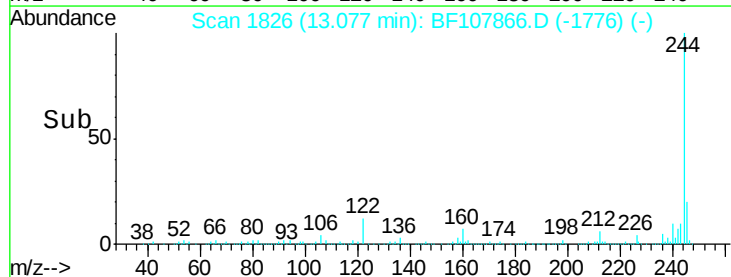
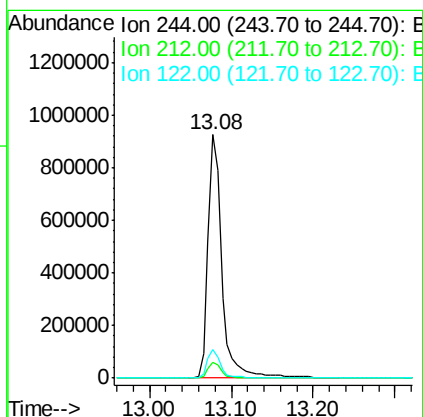
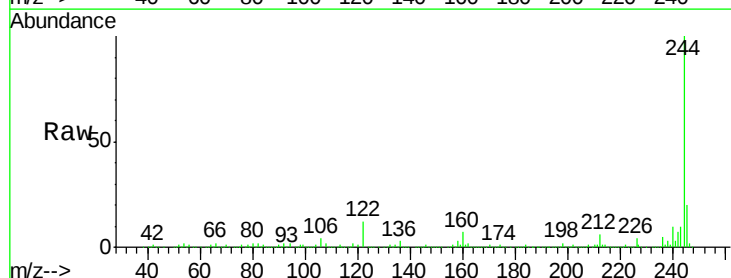
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMSD

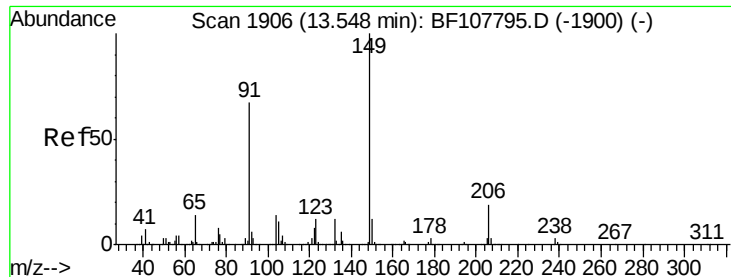
Tgt Ion: 202 Resp: 929548
 Ion Ratio Lower Upper
 202 100
 200 20.3 17.4 26.2
 203 17.6 14.3 21.5



#78
 Terphenyl-d14
 Concen: 61.363 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107866.D
 Acq: 31 Jul 2018 22:47

Tgt Ion: 244 Resp: 1097061
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 11.7 11.0 16.4

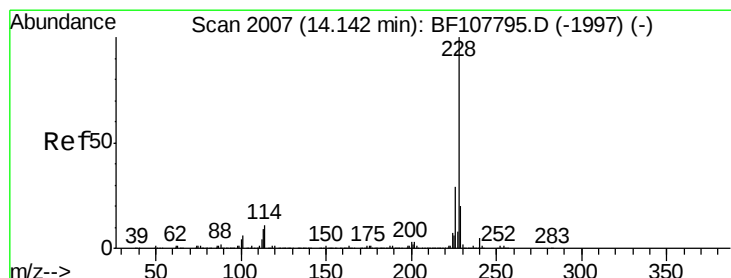
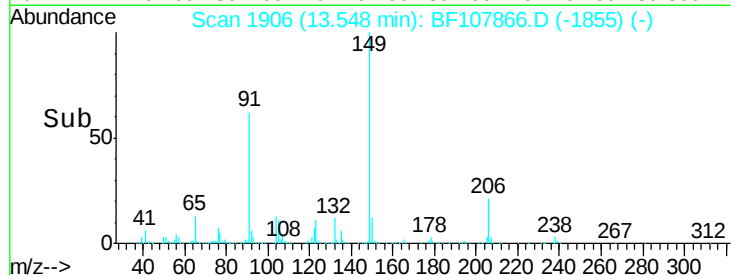
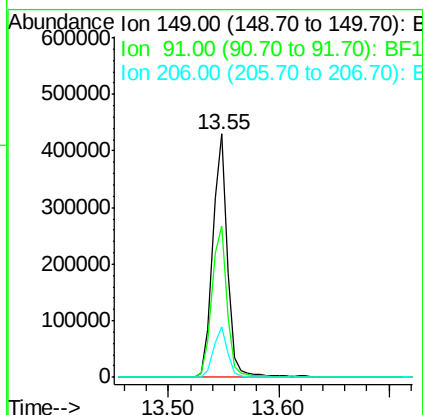
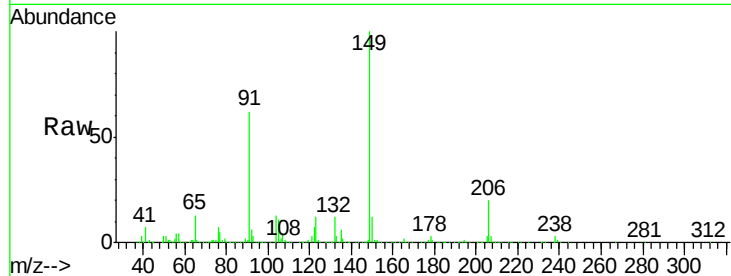




#79
Butylbenzylphthalate
Concen: 31.893 ng
RT: 13.55 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF107866.D
Acq: 31 Jul 2018 22:47

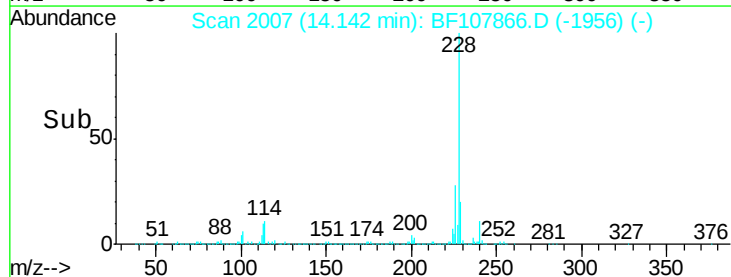
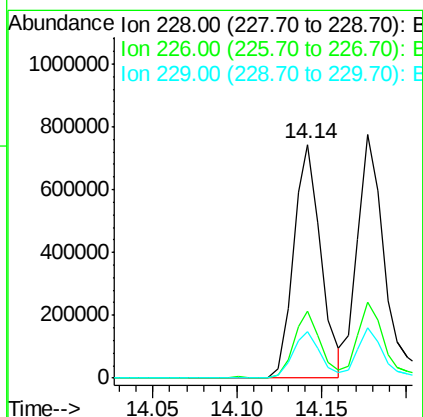
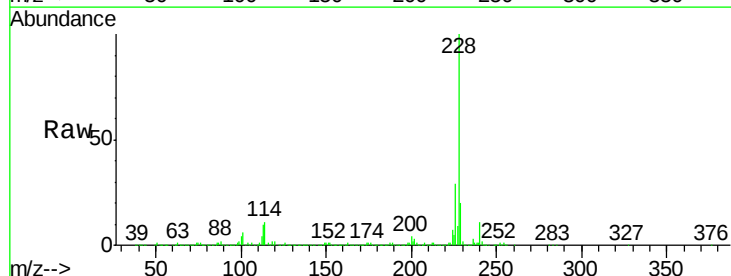
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMSD

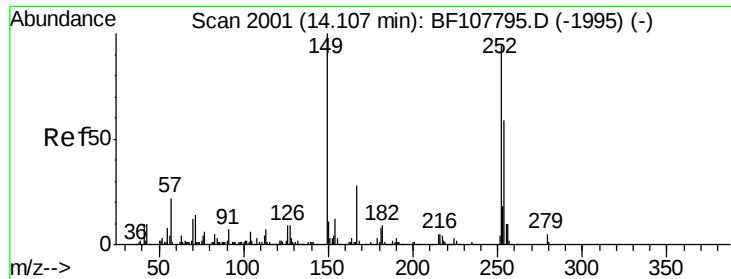
Tgt Ion:149 Resp: 389882
Ion Ratio Lower Upper
149 100
91 62.1 56.8 85.2
206 20.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.007 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF107866.D
Acq: 31 Jul 2018 22:47

Tgt Ion:228 Resp: 834652
Ion Ratio Lower Upper
228 100
226 28.5 22.6 33.8
229 19.9 15.8 23.6

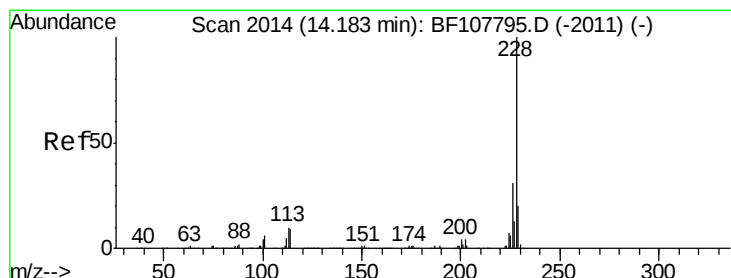
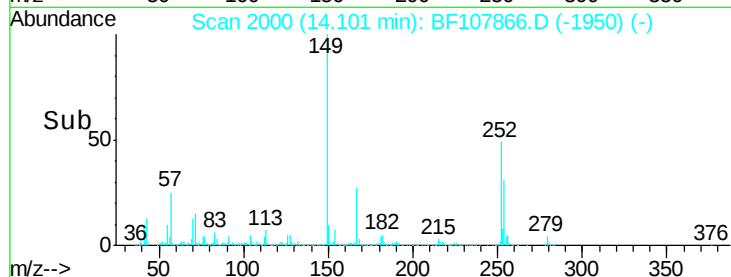
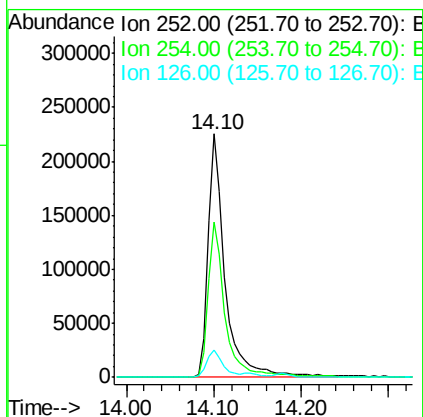
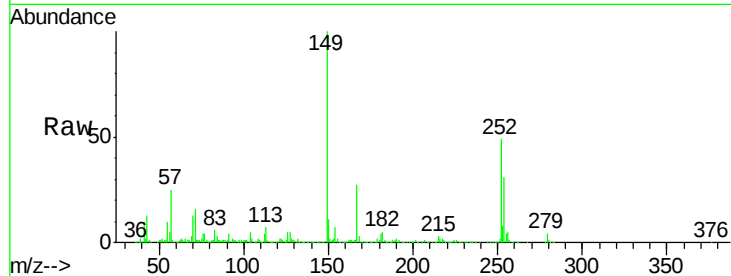




#81
 3,3'-Dichlorobenzidine
 Concen: 35.970 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107866.D
 Acq: 31 Jul 2018 22:47

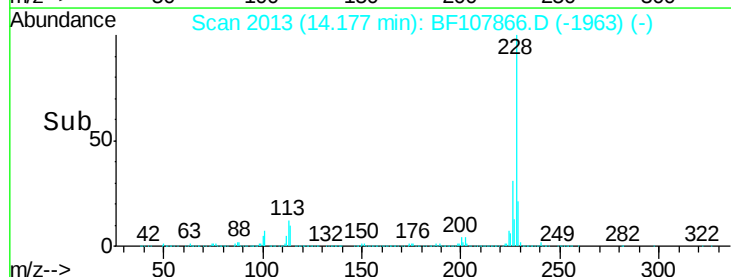
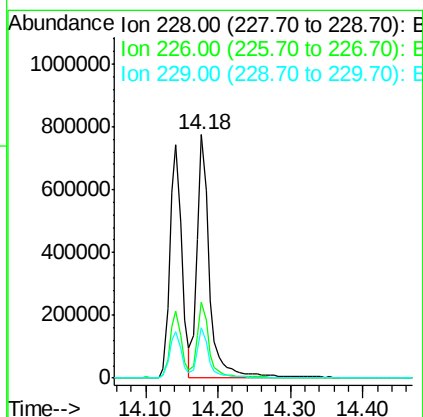
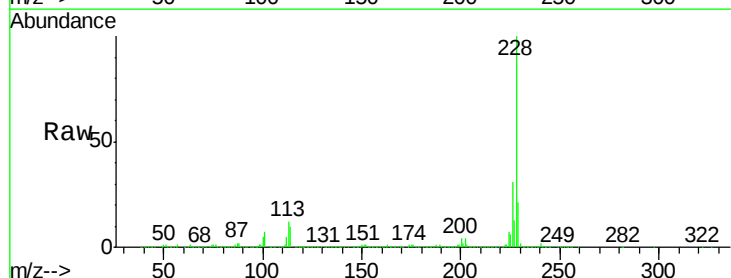
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMSD

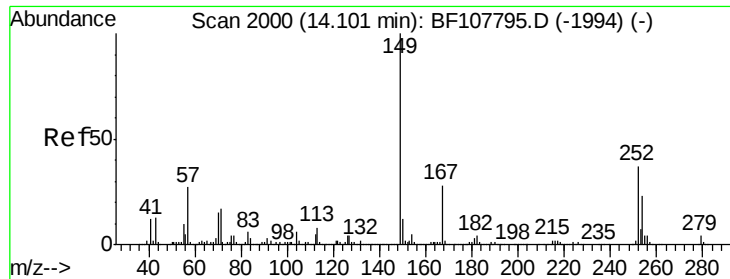
Tgt Ion:252 Resp: 306207
 Ion Ratio Lower Upper
 252 100
 254 63.8 50.4 75.6
 126 11.2 11.3 16.9#



#82
 Chrysene
 Concen: 39.209 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF107866.D
 Acq: 31 Jul 2018 22:47

Tgt Ion:228 Resp: 928732
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 20.8 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.526 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMSD

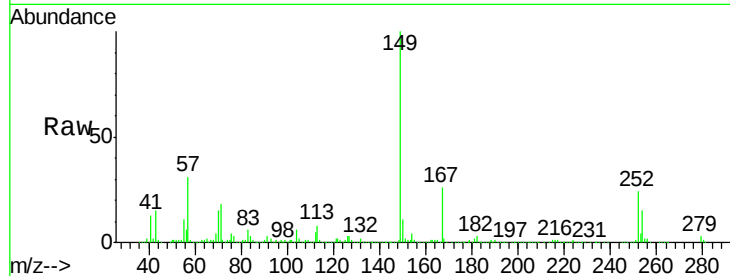
Tgt Ion:149 Resp: 530600

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

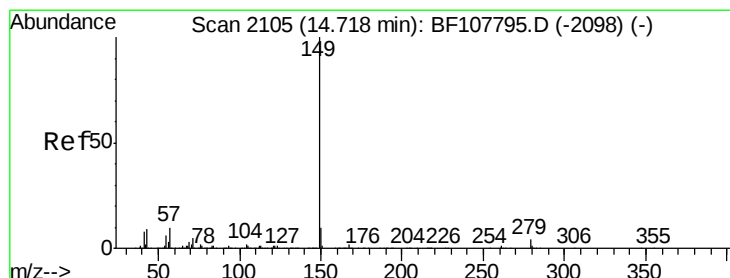
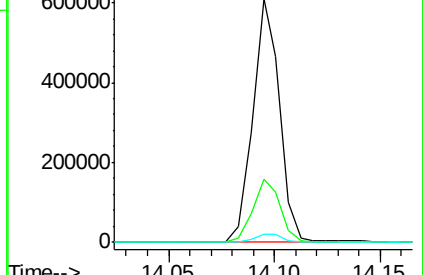
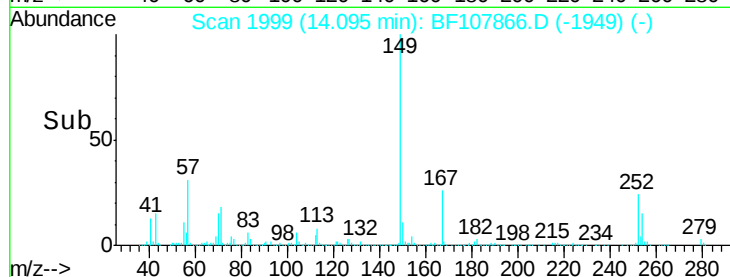
279 3.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.883 ng

RT: 14.72 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

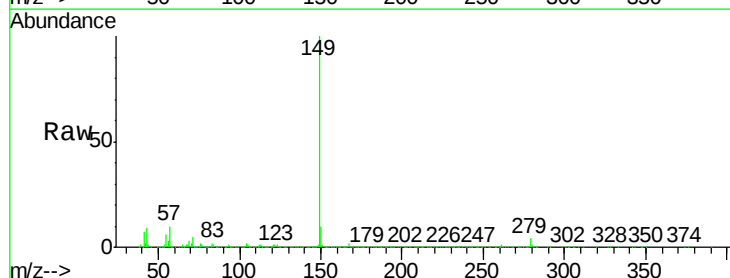
Tgt Ion:149 Resp: 1033157

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

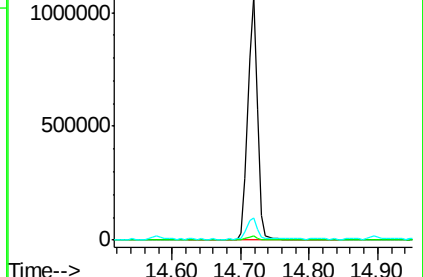
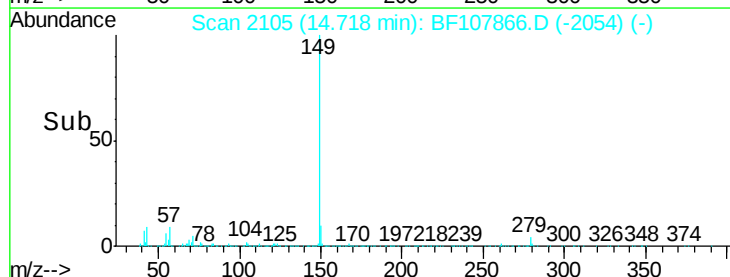
43 9.2 8.4 12.6

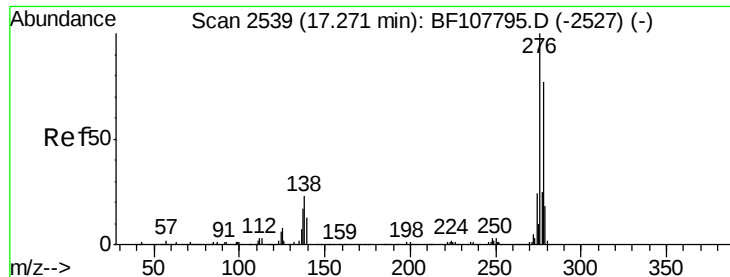


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

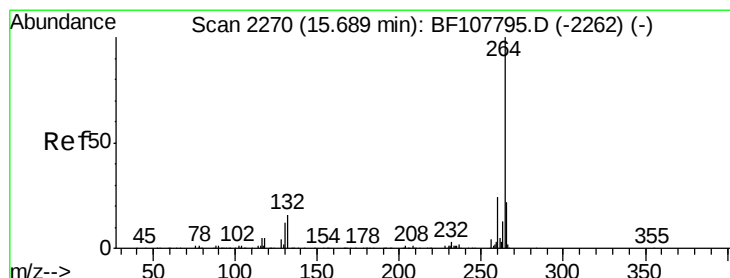
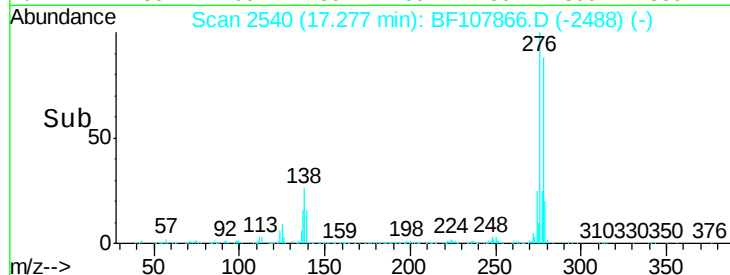
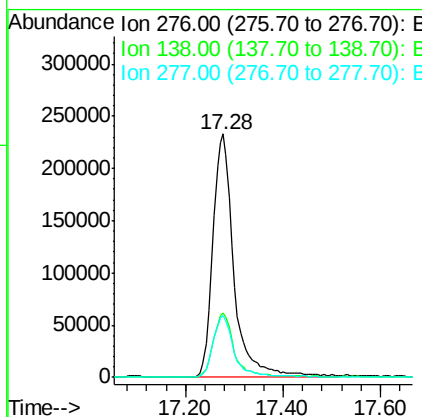
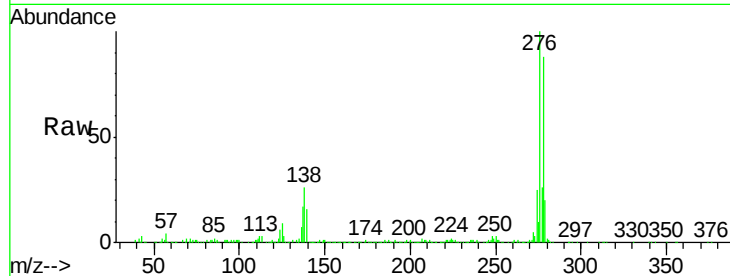




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.999 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. 0.01 min
 Lab File: BF107866.D
 Acq: 31 Jul 2018 22:47

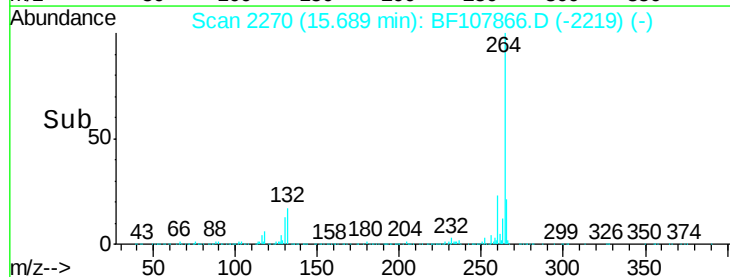
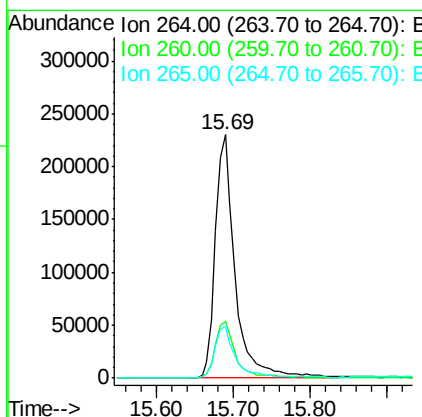
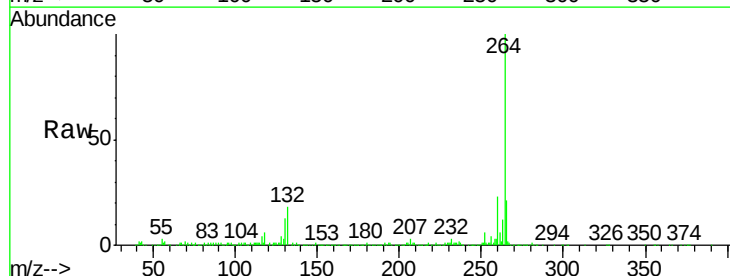
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMSD

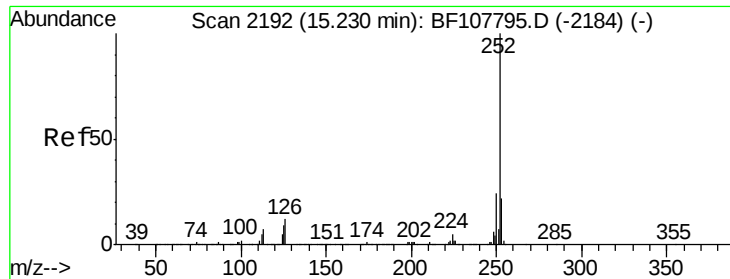
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	25.0	37.6
277	23.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: BF107866.D
 Acq: 31 Jul 2018 22:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	17.5	26.3

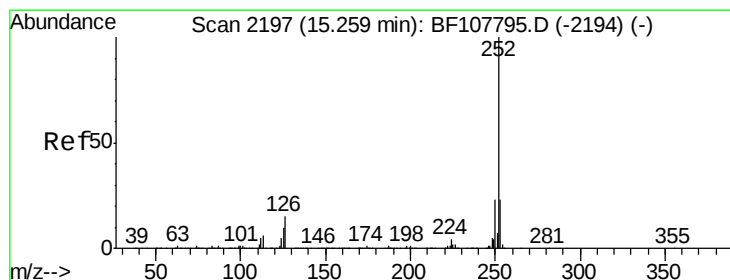
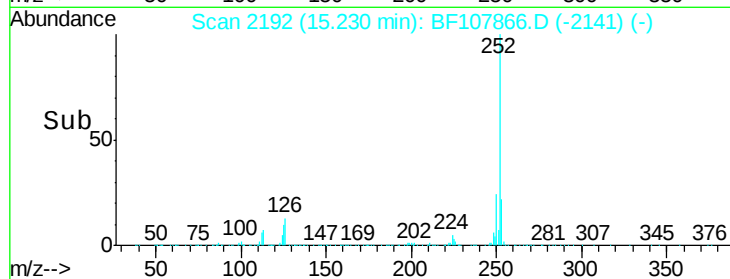
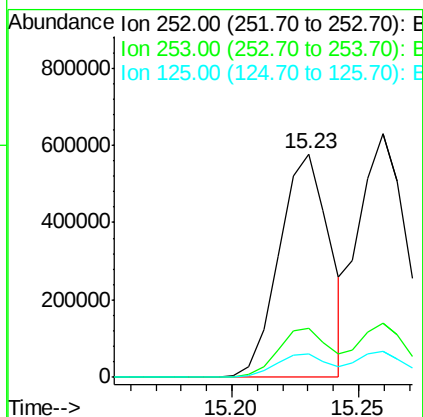
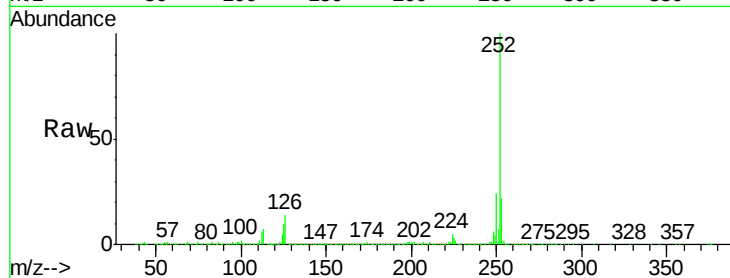




#87
Benzo(b)fluoranthene
Concen: 39.585 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF107866.D
Acq: 31 Jul 2018 22:47

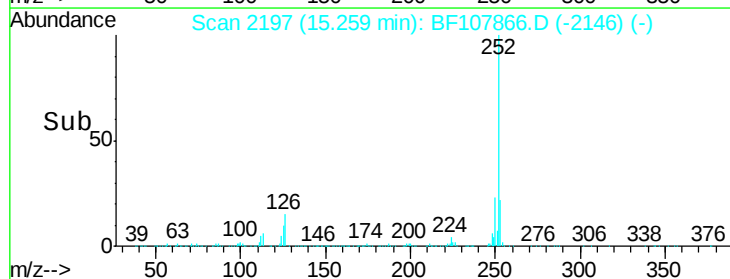
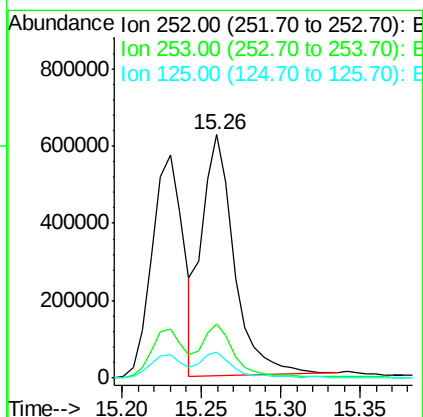
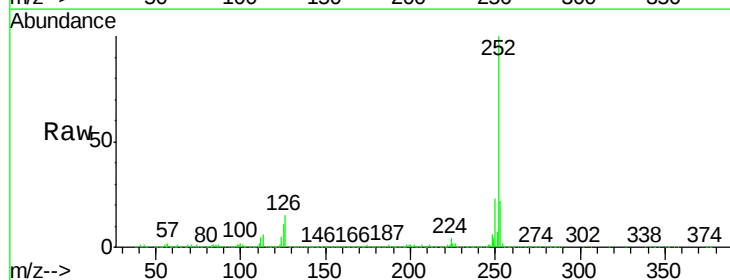
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMSD

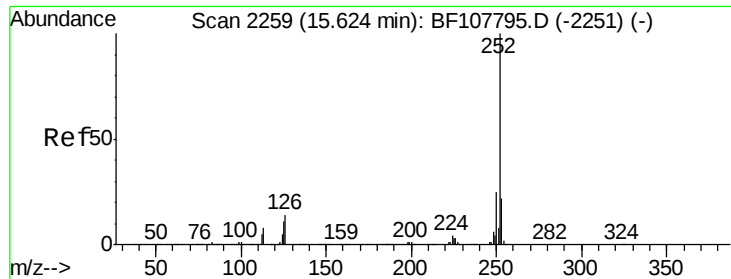
Tgt Ion:252 Resp: 795475
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 10.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 35.618 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF107866.D
Acq: 31 Jul 2018 22:47

Tgt Ion:252 Resp: 878761
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 10.6 10.2 15.2





#89

Benzo(a)pyrene

Concen: 37.201 ng

RT: 15.62 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMSD

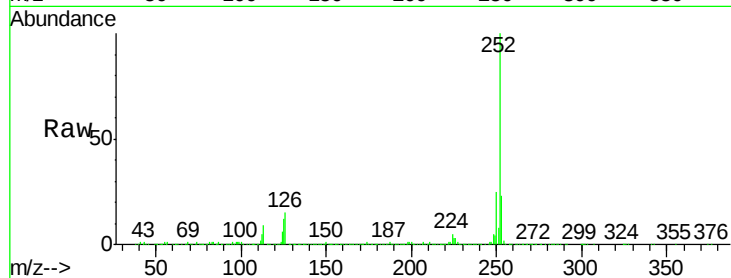
Tgt Ion:252 Resp: 771753

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

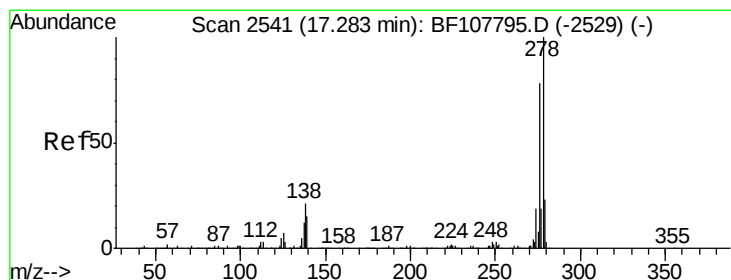
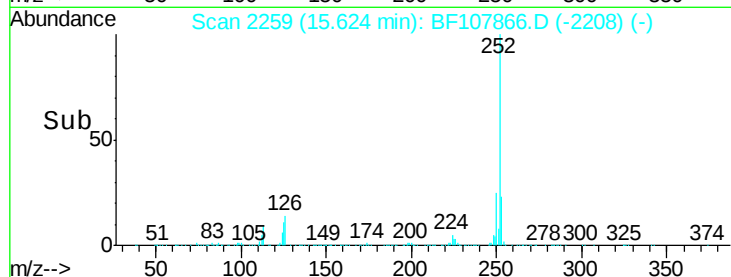
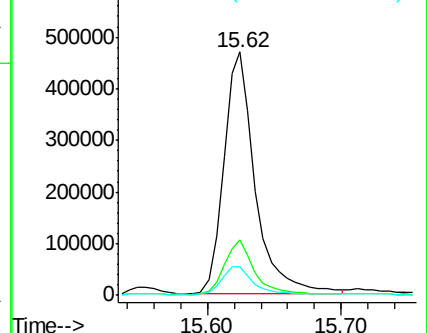
125 11.7 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 32.018 ng

RT: 17.28 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

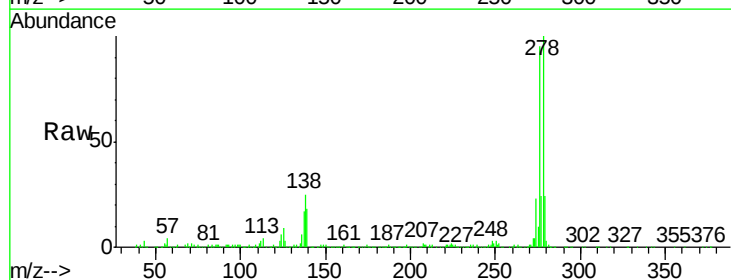
Tgt Ion:278 Resp: 579397

Ion Ratio Lower Upper

278 100

139 17.9 15.9 23.9

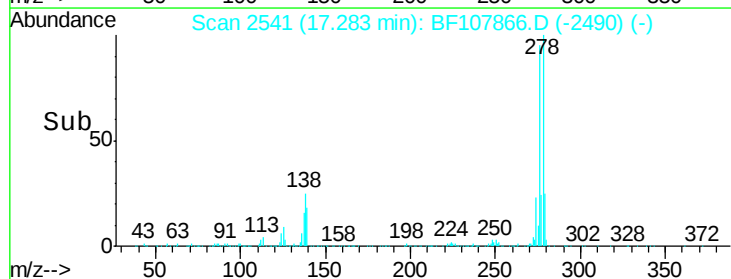
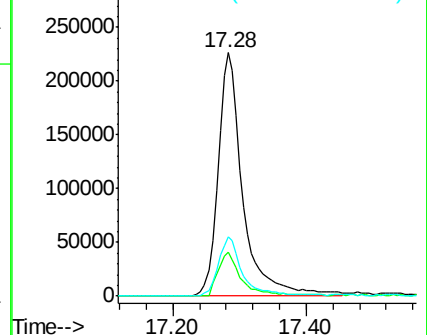
279 24.5 19.0 28.4

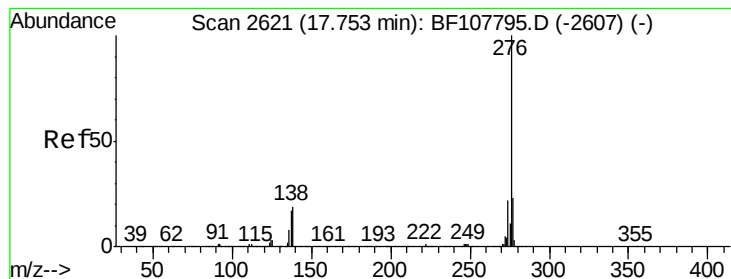


Abundance Ion 278.00 (277.70 to 278.70): E

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: 30.871 ng

RT: 17.75 min Scan# 2620

Delta R.T. -0.01 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMSD

Tgt Ion: 276 Resp: 540529

Ion Ratio Lower Upper

276 100

277 22.5 17.9 26.9

138 22.3 21.8 32.8

