

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073118\
 Data File : BF107865.D
 Acq On : 31 Jul 2018 22:20
 Operator : JU/SJ
 Sample : J4236-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 01 01:00:01 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	166023	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	705410	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	299549	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	512906	20.00	ng	0.00
75) Chrysene-d12	14.15	240	397148	20.00	ng	0.00
86) Perylene-d12	15.68	264	409807	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	967837	99.08	ng	0.00
7) Phenol-d6	6.61	99	1183809	91.95	ng	0.00
23) Nitrobenzene-d5	7.53	82	778323	63.57	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	340457	83.64	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1397294	65.00	ng	0.00
78) Terphenyl-d14	13.08	244	1121351	61.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	107053	26.332	ng	87
3) Pyridine	3.64	79	251274	25.311	ng	86
4) n-Nitrosodimethylamine	3.61	42	65655	13.209	ng	96
6) Aniline	6.64	93	384948	28.747	ng	# 69
8) 2-Chlorophenol	6.75	128	378415	30.839	ng	95
9) Benzaldehyde	6.52	77	143364	18.456	ng	97
10) Phenol	6.62	94	433521	28.236	ng	91
11) bis(2-Chloroethyl)ether	6.70	93	310352	22.733	ng	95
12) 1,3-Dichlorobenzene	6.90	146	371794	28.889	ng	98
13) 1,4-Dichlorobenzene	6.98	146	419514	29.283	ng	99
14) 1,2-Dichlorobenzene	7.13	146	365064	27.451	ng	100
15) Benzyl Alcohol	7.11	79	255474	31.926	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	606840	30.916	ng	71
17) 2-Methylphenol	7.22	107	303880	33.547	ng	# 84
18) Hexachloroethane	7.47	117	138455	26.887	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	260551	31.903	ng	96
20) 3+4-Methylphenols	7.38	107	367582	33.052	ng	# 64
22) Acetophenone	7.37	105	554070	32.648	ng	# 91
24) Nitrobenzene	7.55	77	364432	28.384	ng	99
25) Isophorone	7.78	82	738715	36.753	ng	99
26) 2-Nitrophenol	7.87	139	207023	32.129	ng	96
27) 2,4-Dimethylphenol	7.90	122	321828	37.305	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	466915	35.250	ng	99
29) 2,4-Dichlorophenol	8.11	162	317697	32.557	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	335517	30.139	ng	98
31) Naphthalene	8.27	128	1135460	34.628	ng	99
32) Benzoic acid	7.90	122	321828	54.898	ng	# 14
33) 4-Chloroaniline	8.32	127	382642	27.320	ng	99
34) Hexachlorobutadiene	8.37	225	191709	27.868	ng	99
35) Caprolactam	8.68	113	95225	32.416	ng	# 80
36) 4-Chloro-3-methylphenol	8.81	107	341501	32.224	ng	97
37) 2-Methylnaphthalene	8.95	142	735737	35.720	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	351124	34.380	ng	# 97
40) Hexachlorocyclopentadiene	9.10	237	73221	22.526	ng	94

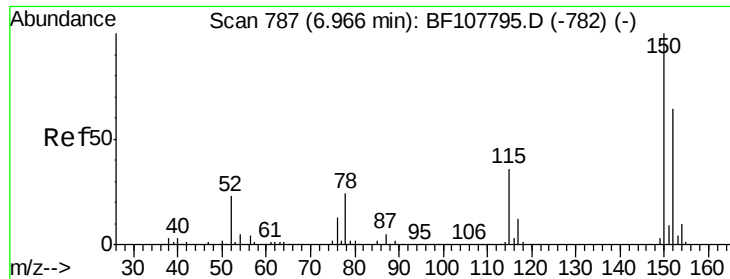
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073118\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	201547	35.696	ng	96
43) 2,4,5-Trichlorophenol	9.29	196	247571	36.422	ng	98
45) 1,1'-Biphenyl	9.42	154	934525	34.281	ng	99
46) 2-Chloronaphthalene	9.45	162	680841	33.119	ng	99
47) 2-Nitroaniline	9.56	65	227984	34.095	ng	92
48) Acenaphthylene	9.87	152	1085049	34.046	ng	99
49) Dimethylphthalate	9.71	163	876462	38.960	ng	99
50) 2,6-Dinitrotoluene	9.79	165	160529	32.835	ng	90
51) Acenaphthene	10.04	154	624434	33.729	ng	100
52) 3-Nitroaniline	9.97	138	169635	27.536	ng	97
53) 2,4-Dinitrophenol	10.12	184	3386	9.616	ng	# 58
54) Dibenzofuran	10.21	168	929263	32.475	ng	99
55) 4-Nitrophenol	10.15	139	117744	45.195	ng	89
56) 2,4-Dinitrotoluene	10.20	165	197947	30.805	ng	# 91
57) Fluorene	10.55	166	722892	32.507	ng	94
58) 2,3,4,6-Tetrachlorophenol	10.33	232	204219	32.711	ng	# 81
59) Diethylphthalate	10.41	149	795048	32.870	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	363493	30.005	ng	89
61) 4-Nitroaniline	10.60	138	156978	28.713	ng	89
62) Azobenzene	10.70	77	699473	31.051	ng	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	24379	8.737	ng	# 82
65) n-Nitrosodiphenylamine	10.67	169	651257	38.562	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	218728	36.588	ng	# 85
67) Hexachlorobenzene	11.10	284	213415	32.193	ng	# 90
68) Atrazine	11.18	200	184697	36.951	ng	96
69) Pentachlorophenol	11.31	266	150540	46.130	ng	96
70) Phenanthrene	11.52	178	948109	38.930	ng	100
71) Anthracene	11.58	178	1002640	35.693	ng	100
72) Carbazole	11.74	167	873092	31.451	ng	99
73) Di-n-butylphthalate	12.04	149	1073895	35.459	ng	99
74) Fluoranthene	12.72	202	972413	33.987	ng	96
76) Benzidine	12.85	184	567437	44.190	ng	98
77) Pyrene	12.95	202	932981	32.624	ng	98
79) Butylbenzylphthalate	13.55	149	376007	30.024	ng	89
80) Benzo(a)anthracene	14.14	228	801644	35.633	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	284184	32.587	ng	# 98
82) Chrysene	14.18	228	869949	35.852	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	508071	32.271	ng	100
84) Di-n-octyl phthalate	14.72	149	955130	37.797	ng	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	632240	34.255	ng	95
87) Benzo(b)fluoranthene	15.22	252	763932	37.797	ng	98
88) Benzo(k)fluoranthene	15.22	252	763932	30.785	ng	98
89) Benzo(a)pyrene	15.62	252	747185	35.810	ng	99
90) Dibenzo(a,h)anthracene	17.28	278	539861	29.662	ng	96
91) Benzo(g,h,i)perylene	17.75	276	506218	28.745	ng	94

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

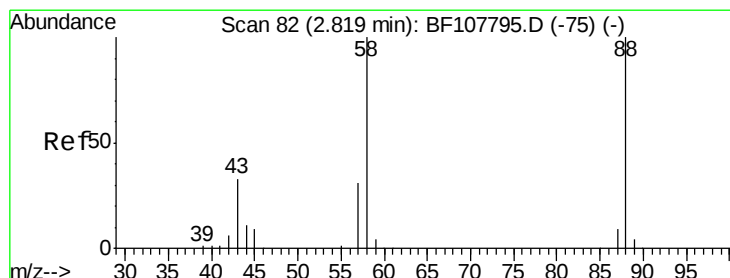
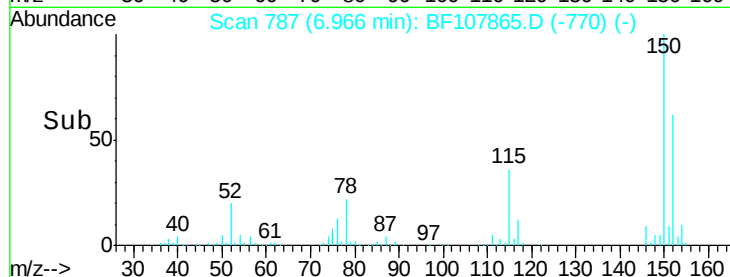
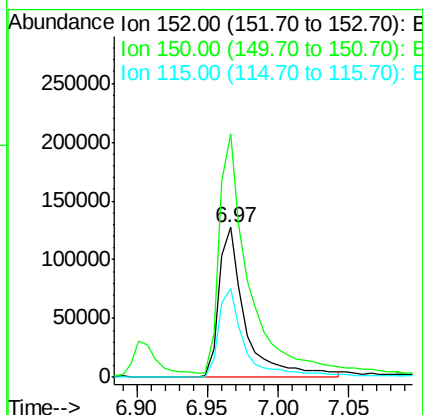
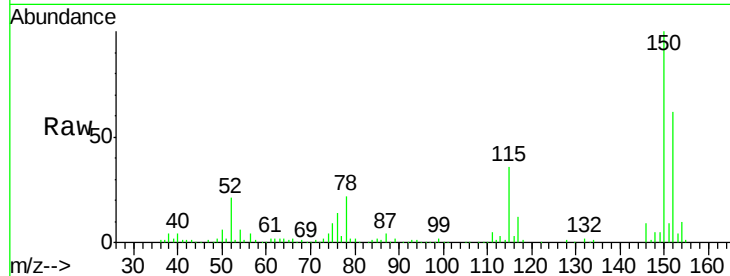


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

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

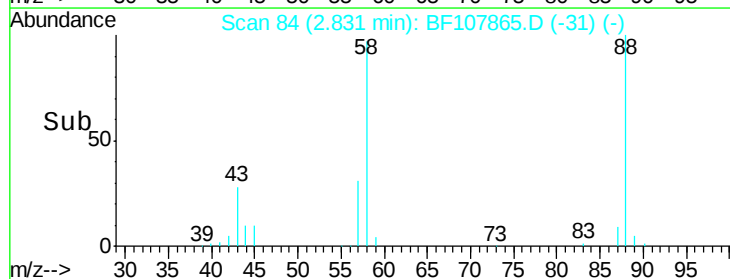
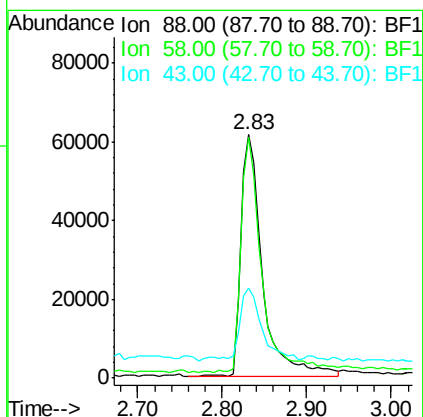
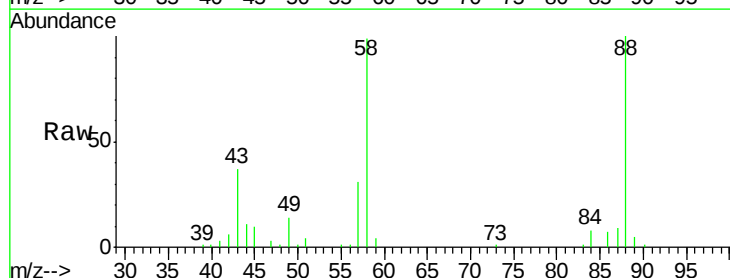
Tgt Ion:152 Resp: 166023
Ion Ratio Lower Upper
152 100
150 162.2 124.6 186.8
115 59.0 50.1 75.1

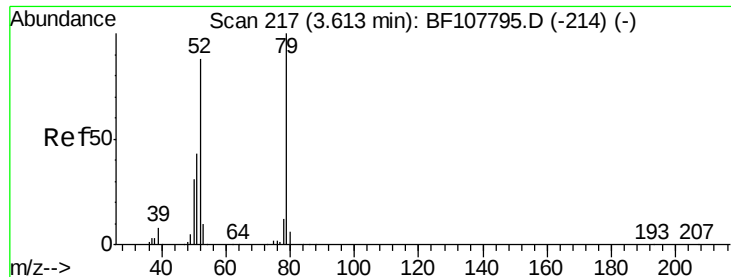


#2

1,4-Dioxane
Concen: 26.332 ng
RT: 2.83 min Scan# 84
Delta R.T. 0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion: 88 Resp: 107053
Ion Ratio Lower Upper
88 100
58 93.6 62.6 93.8
43 29.5 24.6 37.0





#3

Pyridine

Concen: 25.311 ng

RT: 3.64 min Scan# 221

Delta R.T. 0.02 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMS

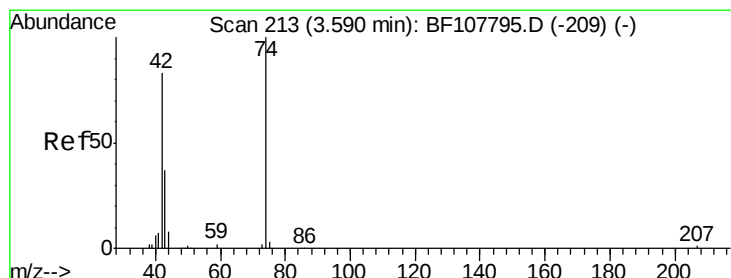
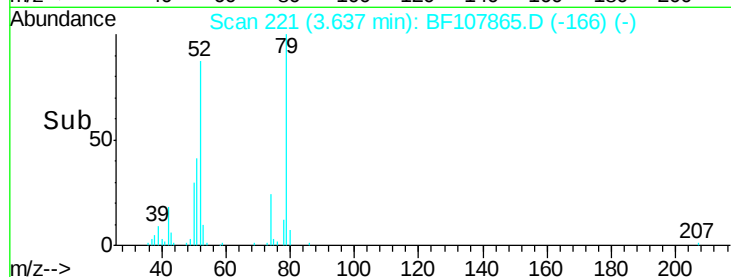
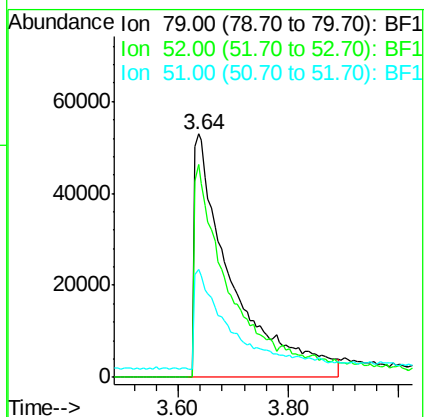
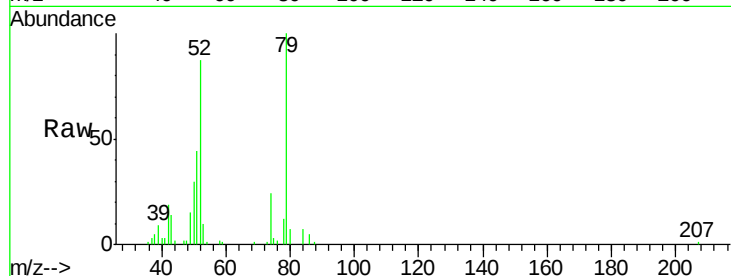
Tgt Ion: 79 Resp: 251274

Ion Ratio Lower Upper

79 100

52 87.4 59.8 89.6

51 44.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 13.209 ng

RT: 3.61 min Scan# 216

Delta R.T. 0.02 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

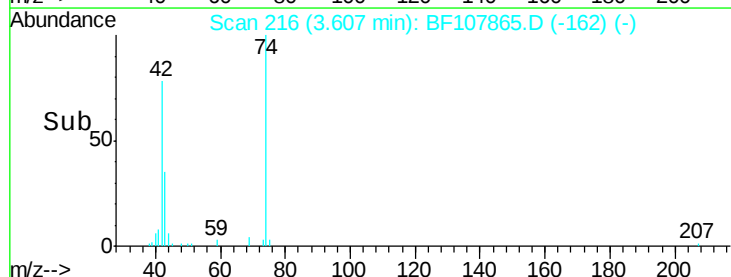
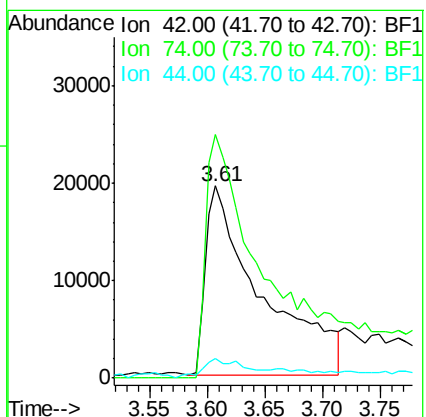
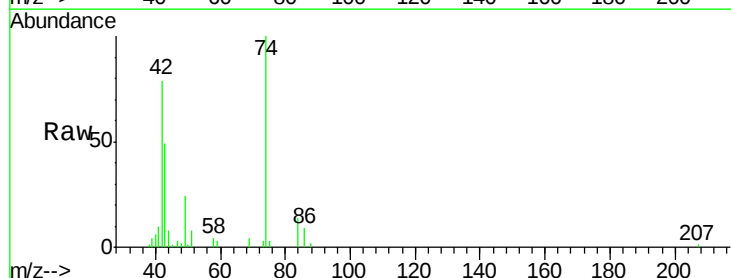
Tgt Ion: 42 Resp: 65655

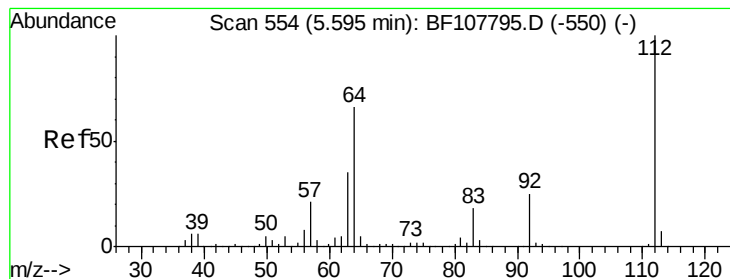
Ion Ratio Lower Upper

42 100

74 126.6 104.9 157.3

44 9.9 6.9 10.3





#5

2-Fluorophenol

Concen: 99.076 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

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FK-GF-01-010-AMS

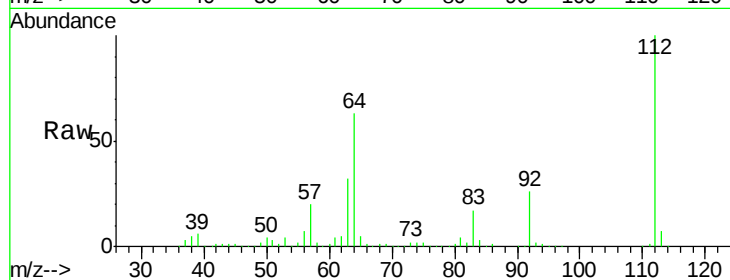
Tgt Ion: 112 Resp: 967837

Ion Ratio Lower Upper

112 100

64 63.1 47.9 71.9

63 32.1 23.7 35.5

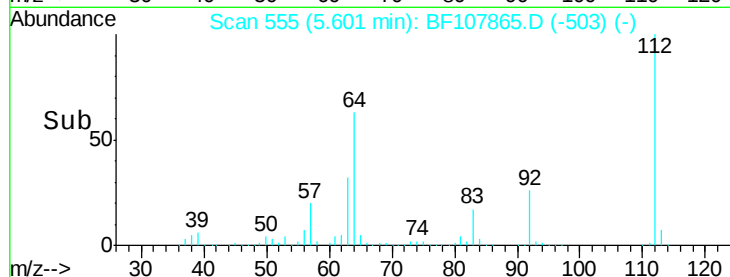


Abundance Ion 112.00 (111.70 to 112.70): E

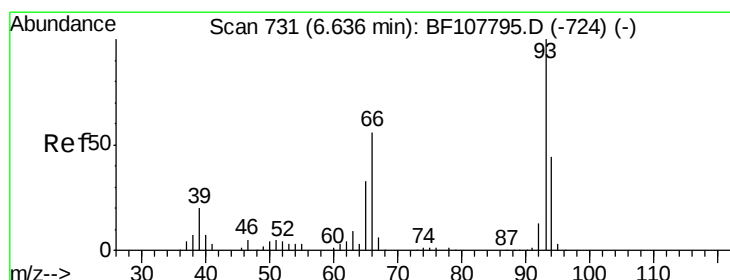
Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->



Time-->



#6

Aniline

Concen: 28.747 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

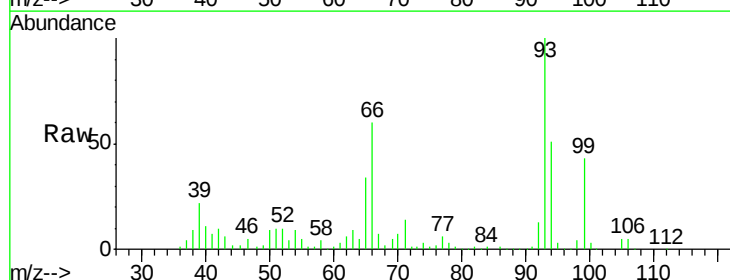
Tgt Ion: 93 Resp: 384948

Ion Ratio Lower Upper

93 100

66 59.9 32.2 48.2#

65 34.4 16.4 24.6#

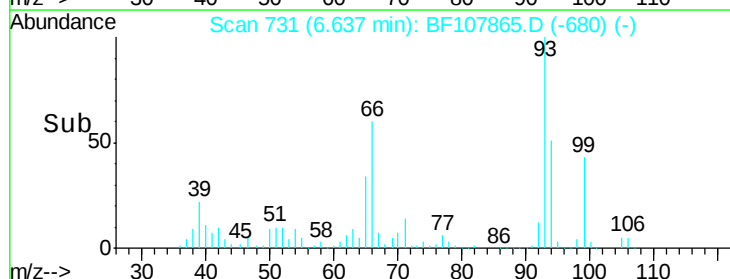


Abundance Ion 93.00 (92.70 to 93.70): BF1

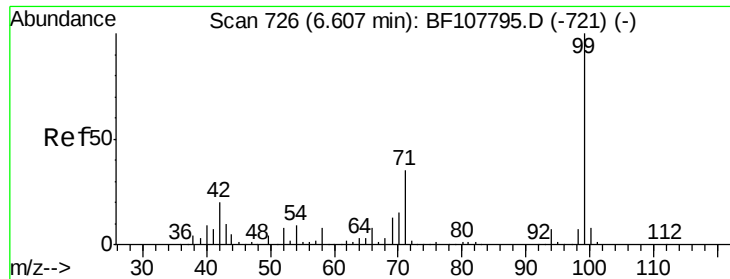
Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Time-->



Time-->



#7

Phenol-d6

Concen: 91.950 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMS

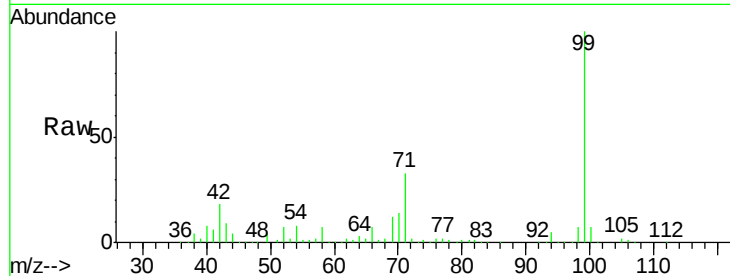
Tgt Ion: 99 Resp: 1183809

Ion Ratio Lower Upper

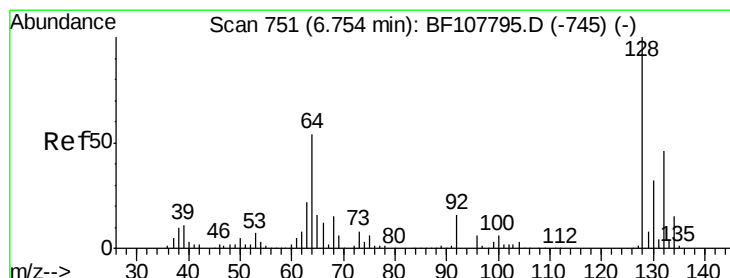
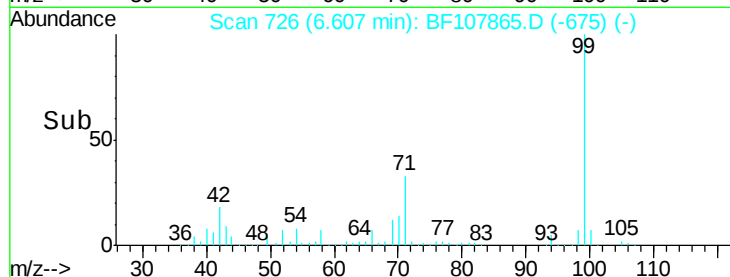
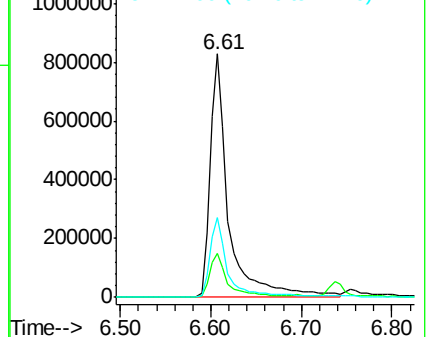
99 100

42 18.0 14.5 21.7

71 32.9 25.4 38.0



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



#8

2-Chlorophenol

Concen: 30.839 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

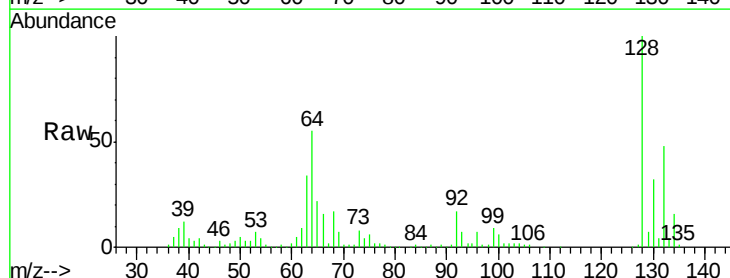
Tgt Ion: 128 Resp: 378415

Ion Ratio Lower Upper

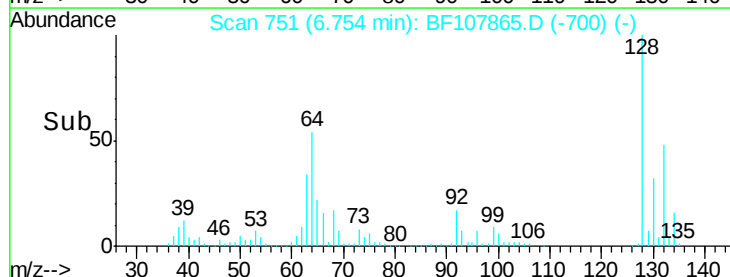
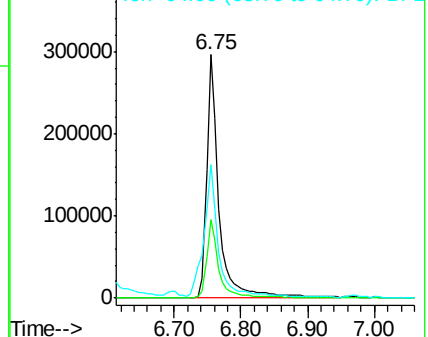
128 100

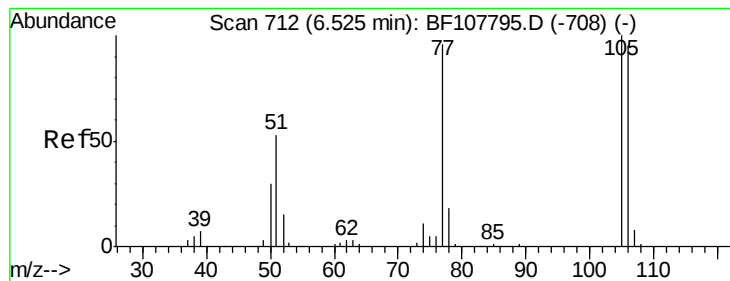
130 32.5 13.0 53.0

64 54.6 29.4 69.4



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





#9

Benzaldehyde

Concen: 18.456 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

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ClientSampleId :

FK-GF-01-010-AMS

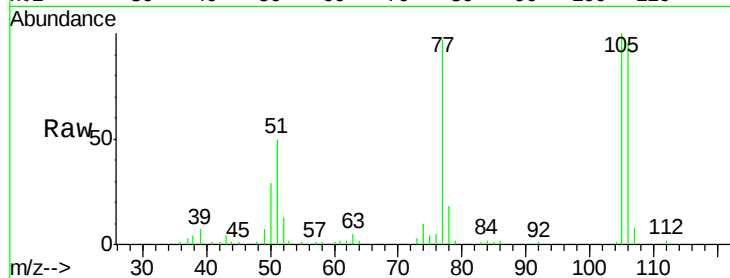
Tgt Ion: 77 Resp: 143364

Ion Ratio Lower Upper

77 100

105 103.5 81.1 121.1

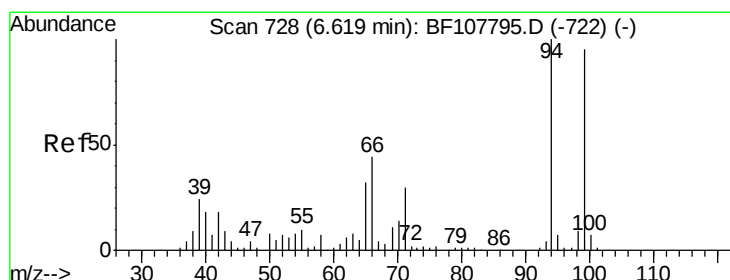
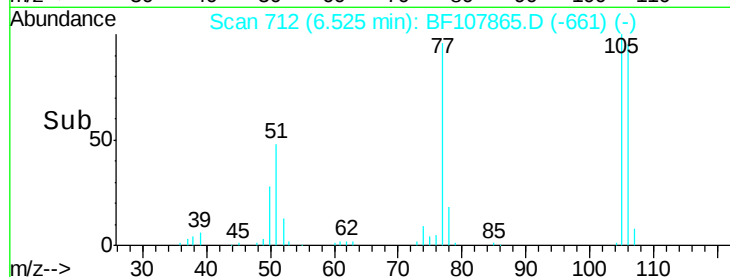
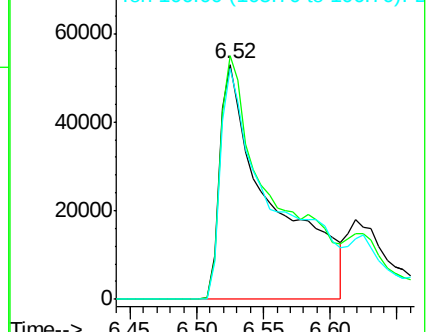
106 98.2 74.5 114.5



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: 28.236 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

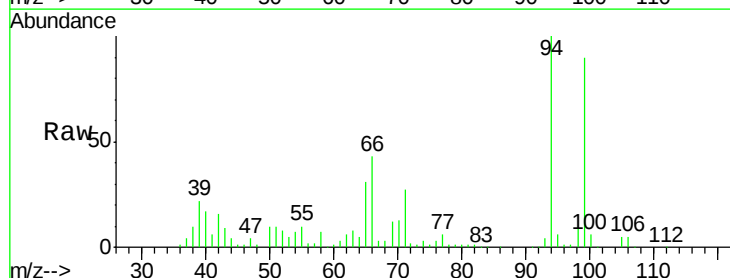
Tgt Ion: 94 Resp: 433521

Ion Ratio Lower Upper

94 100

65 30.6 7.9 47.9

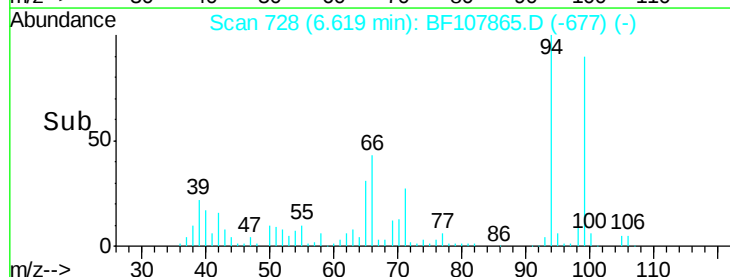
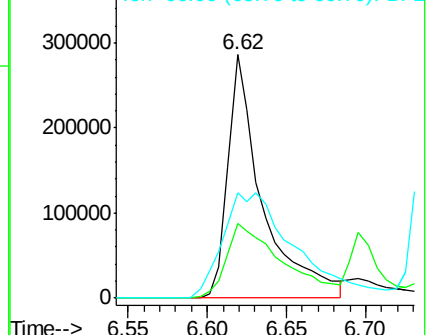
66 43.5 16.2 56.2

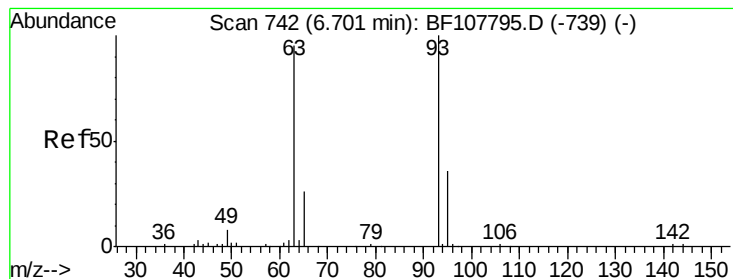


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 22.733 ng

RT: 6.70 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMS

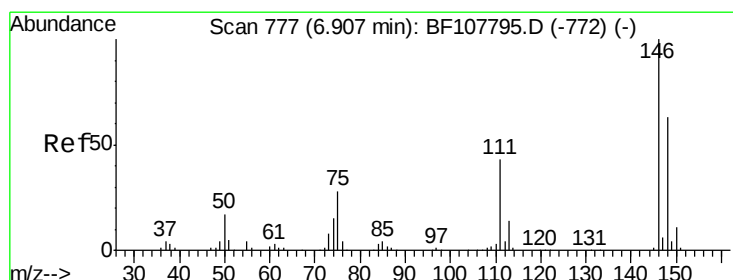
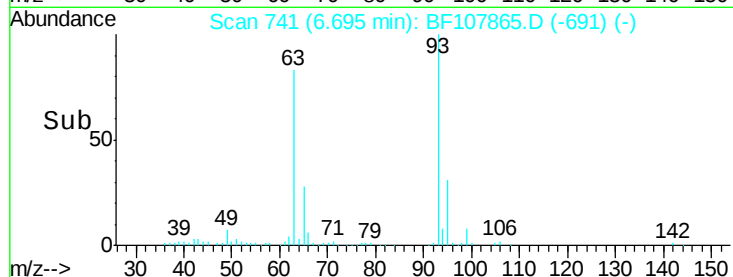
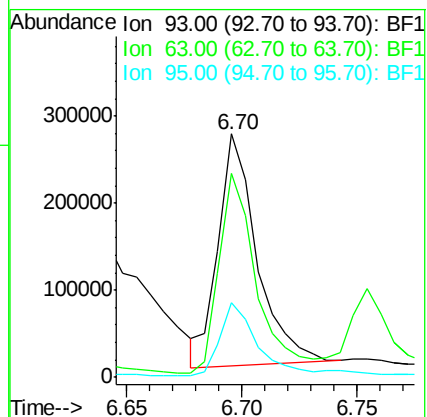
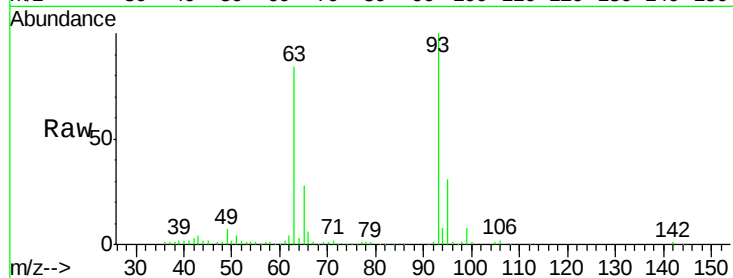
Tgt Ion: 93 Resp: 310352

Ion Ratio Lower Upper

93 100

63 83.5 58.6 98.6

95 30.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 28.889 ng

RT: 6.90 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

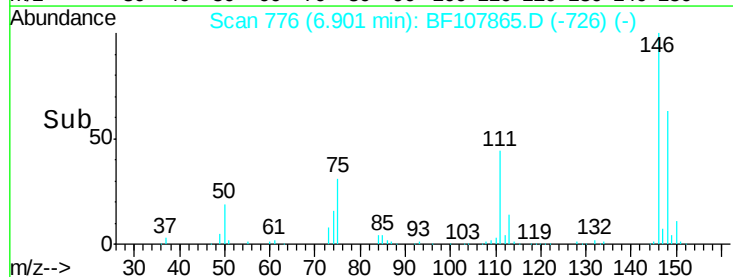
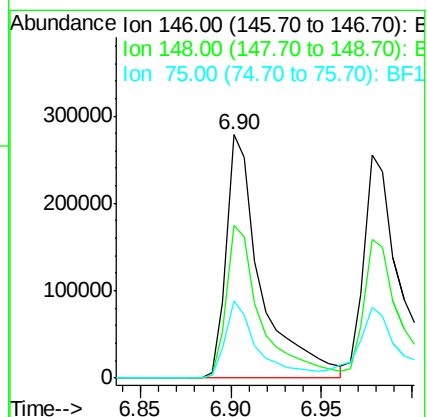
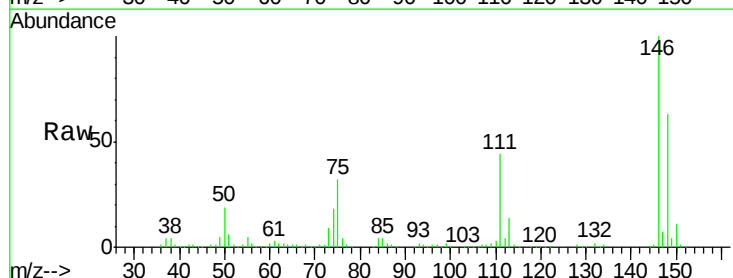
Tgt Ion: 146 Resp: 371794

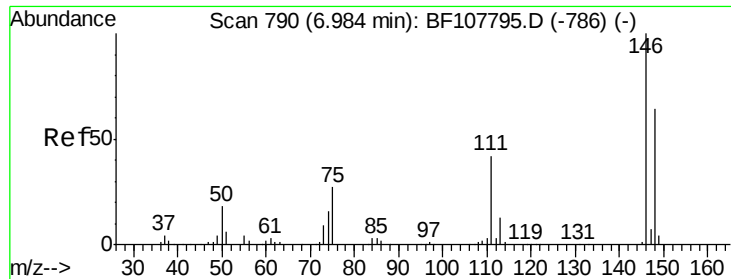
Ion Ratio Lower Upper

146 100

148 62.9 51.8 77.8

75 31.6 24.2 36.4

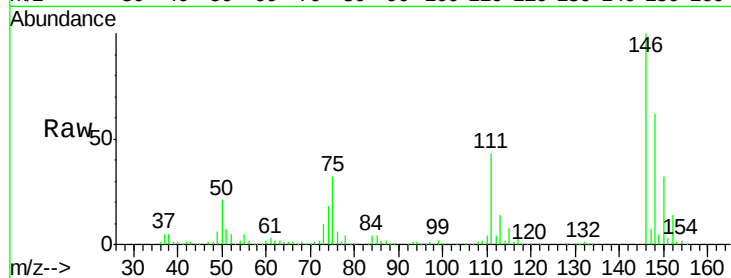




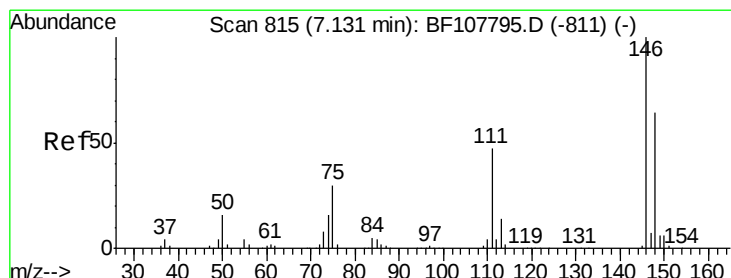
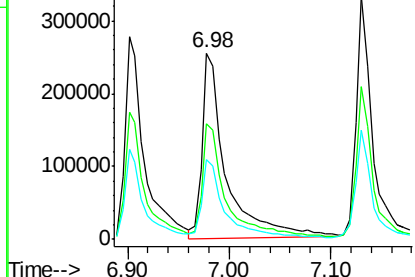
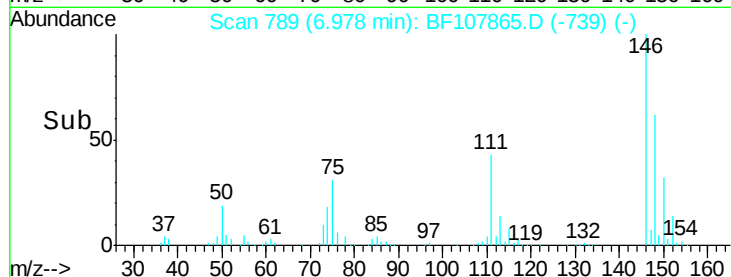
#13
 1,4-Dichlorobenzene
 Concen: 29.283 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

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

Tgt Ion:146 Resp: 419514
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.8 76.2
 111 43.1 34.2 51.2

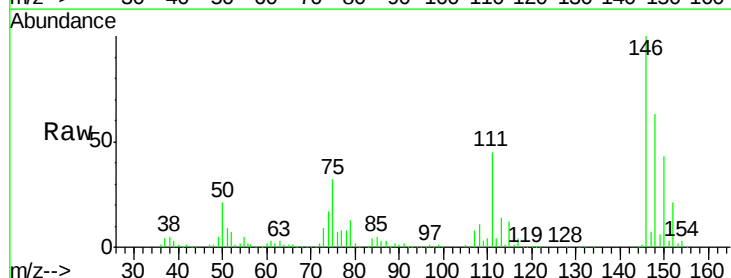


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

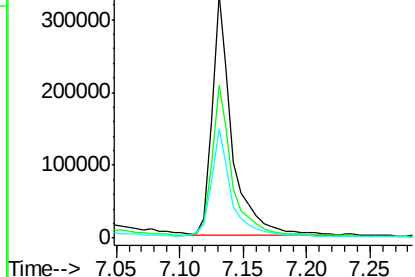
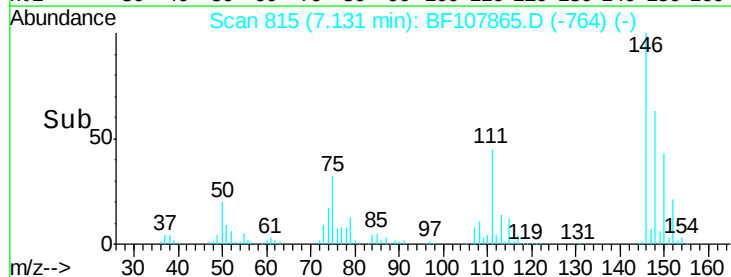


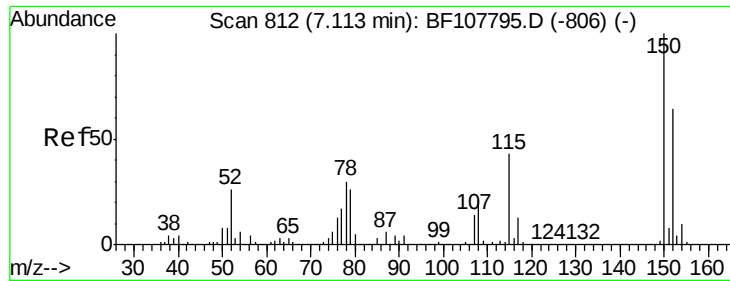
#14
 1,2-Dichlorobenzene
 Concen: 27.451 ng
 RT: 7.13 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Tgt Ion:146 Resp: 365064
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.6 75.8
 111 44.9 36.0 54.0



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

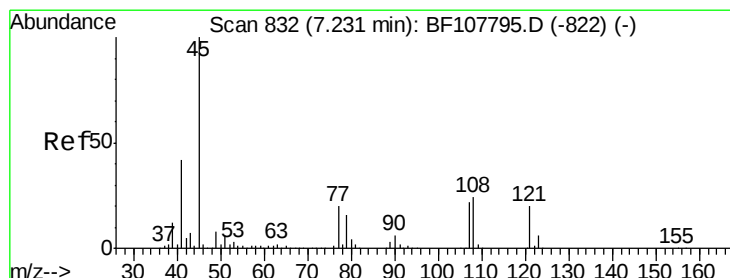
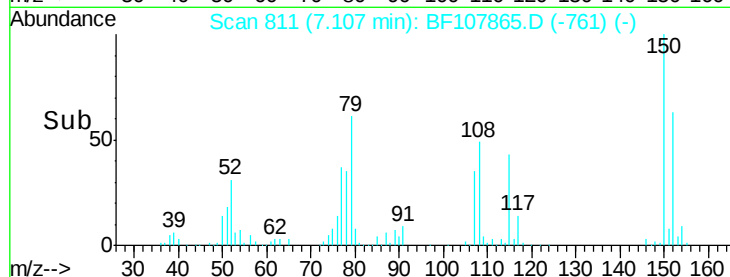
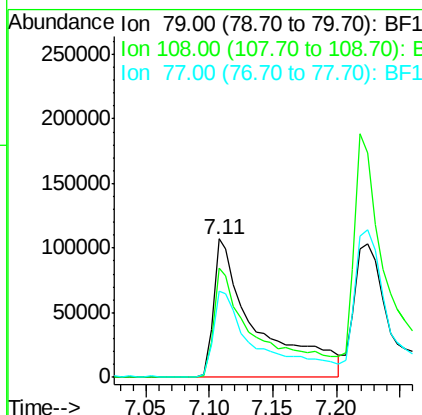
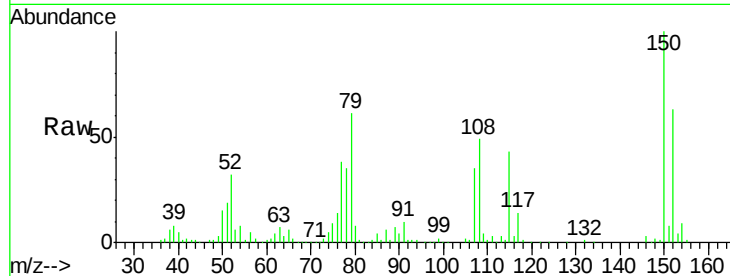




#15
Benzyl Alcohol
Concen: 31.926 ng
RT: 7.11 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

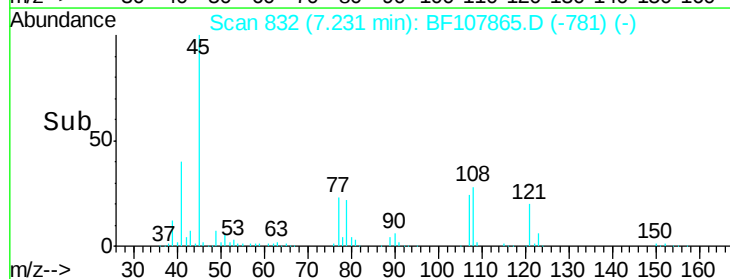
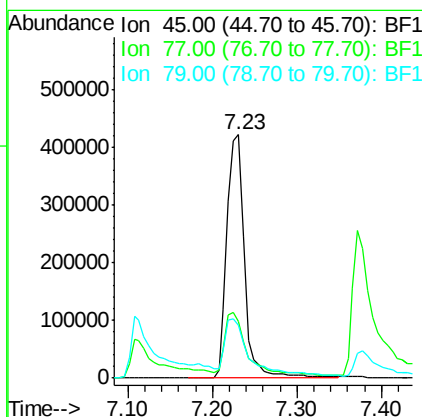
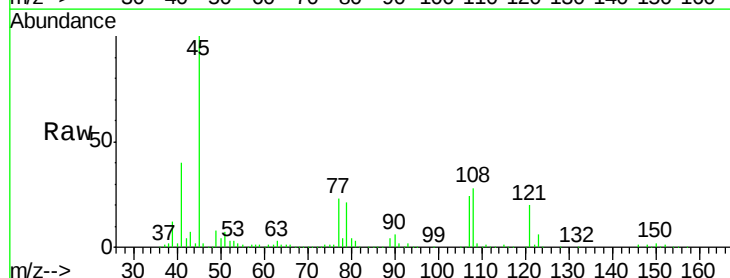
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

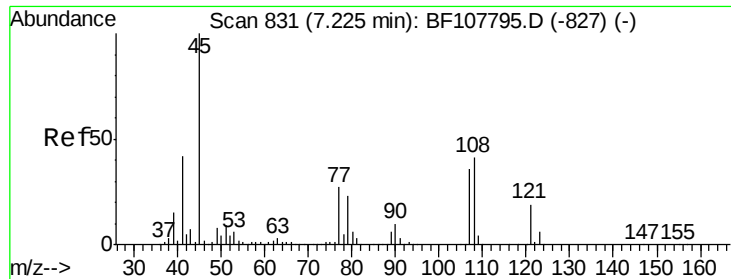
Tgt Ion: 79 Resp: 255474
Ion Ratio Lower Upper
79 100
108 79.4 65.1 97.7
77 62.0 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 30.916 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion: 45 Resp: 606840
Ion Ratio Lower Upper
45 100
77 23.4 0.0 32.9
79 21.5 0.0 29.6

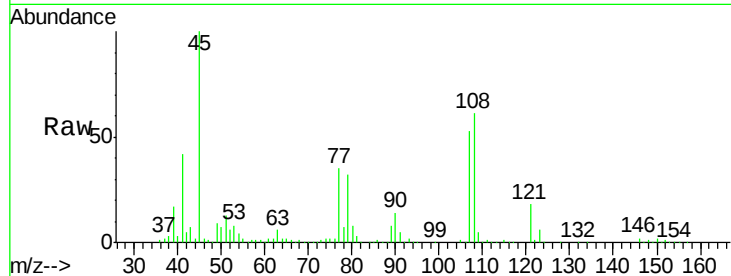




#17
2-Methylphenol
Concen: 33.547 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

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

Tgt Ion	Ratio	Lower	Upper
107	100		
108	116.6	91.7	137.5
77	67.5	33.8	50.8#
79	61.7	33.8	50.8#



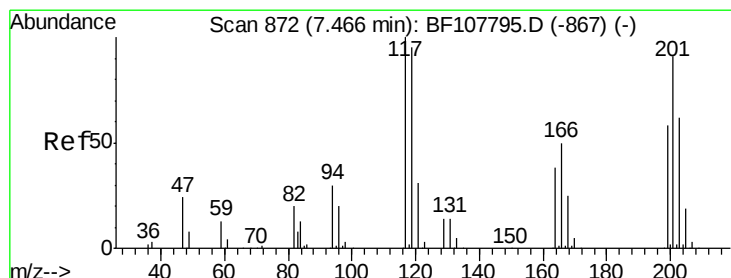
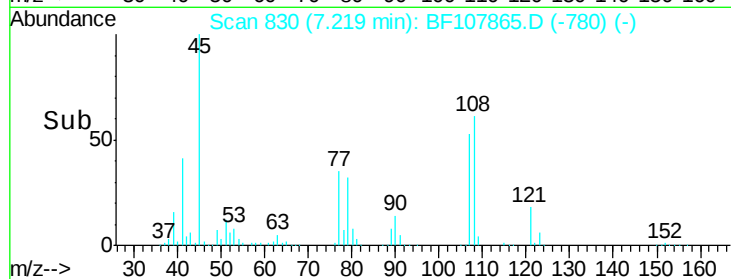
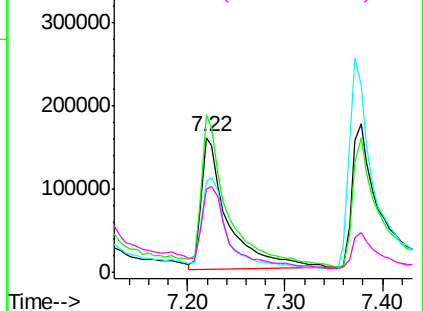
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

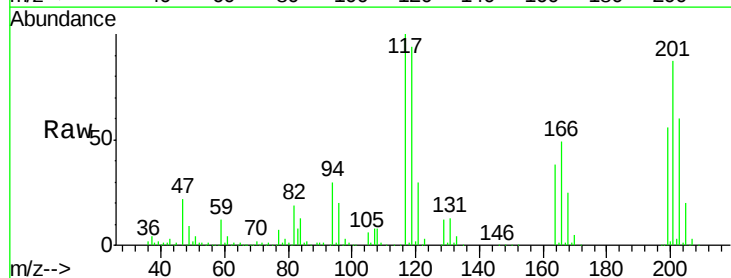
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 26.887 ng
RT: 7.47 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.8	113.8
201	87.1	75.7	113.5

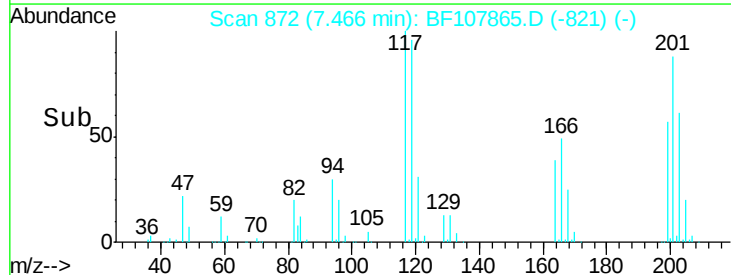
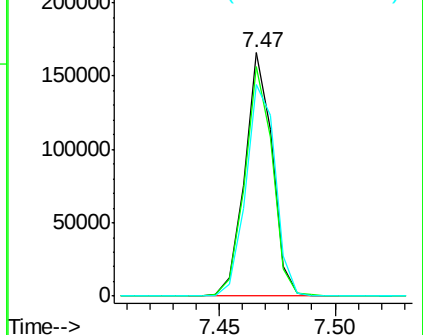


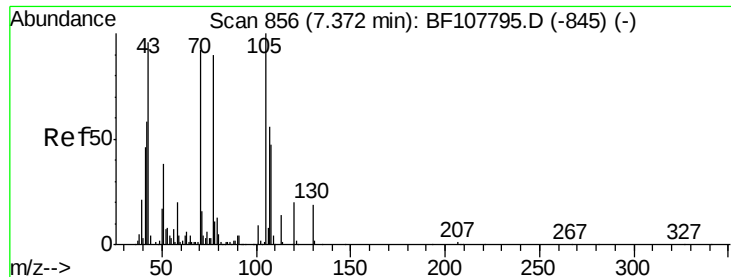
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

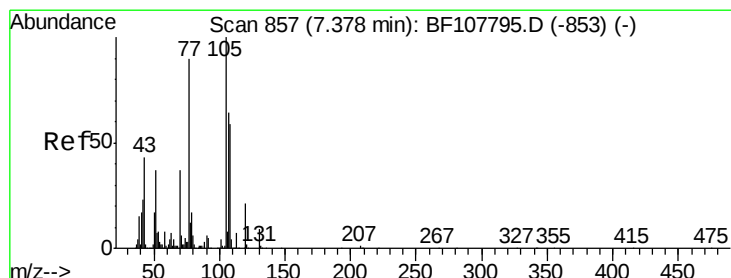
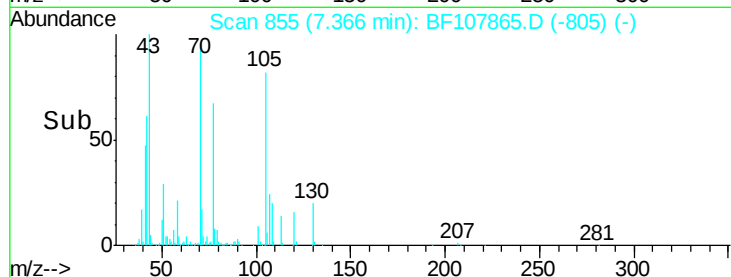
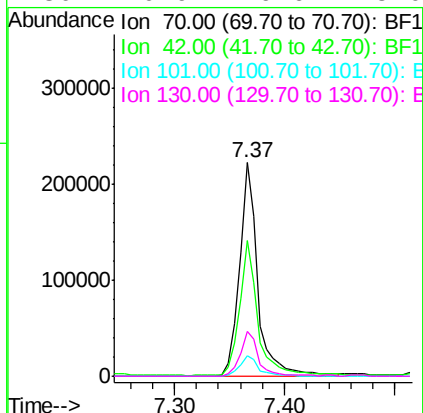
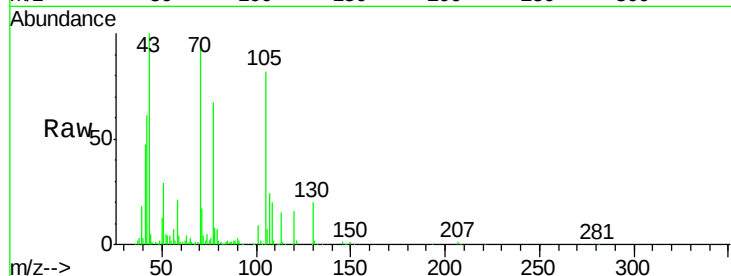




#19
n-Nitroso-di-n-propylamine
Concen: 31.903 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

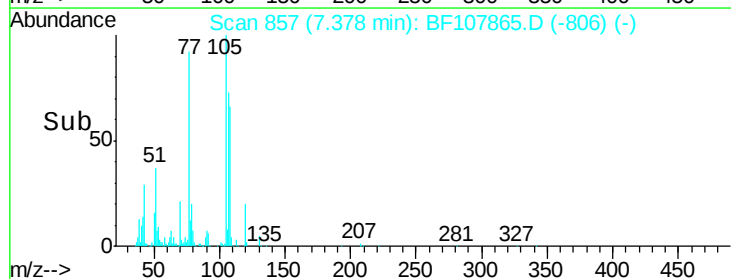
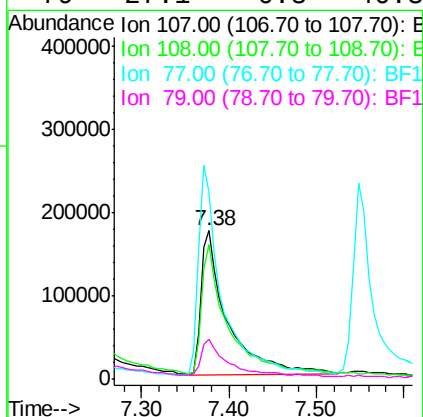
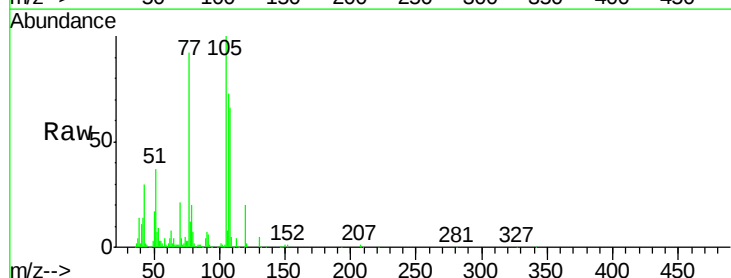
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

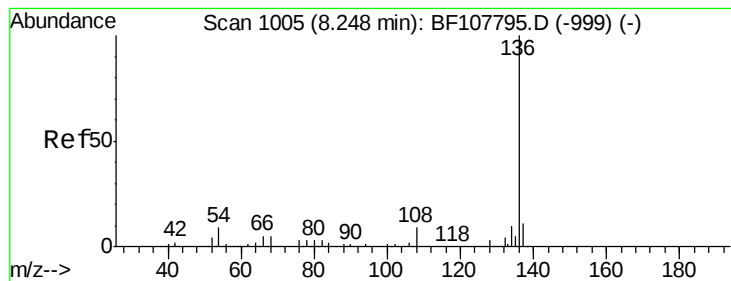
Tgt Ion:	70	Resp:	260551
Ion	Ratio	Lower	Upper
70	100		
42	63.7	47.5	71.3
101	9.6	7.4	11.2
130	20.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 33.052 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion:	107	Resp:	367582
Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.2	108.2
77	126.3	26.7	66.7#
79	27.1	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMS

Tgt Ion:136 Resp: 705410

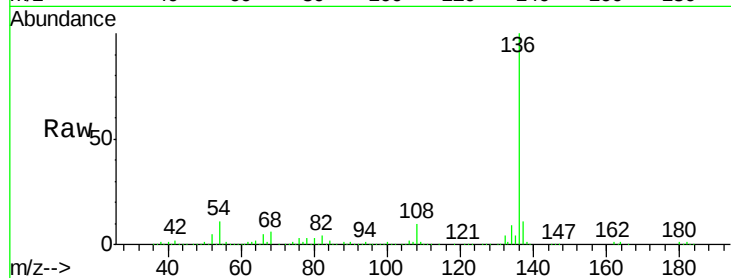
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 10.5 6.6 9.8#

68 6.2 5.0 7.4

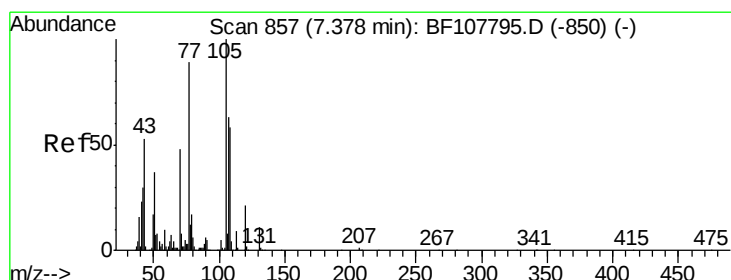
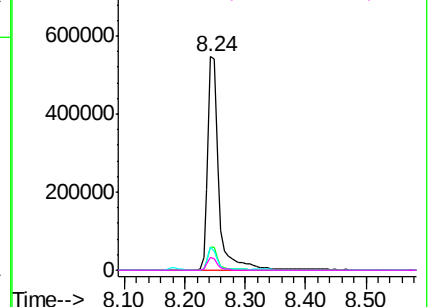
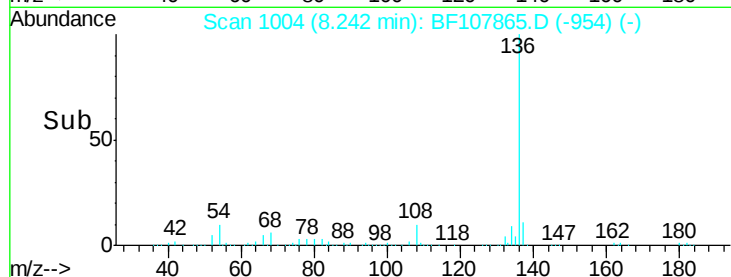


Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.648 ng

RT: 7.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Tgt Ion:105 Resp: 554070

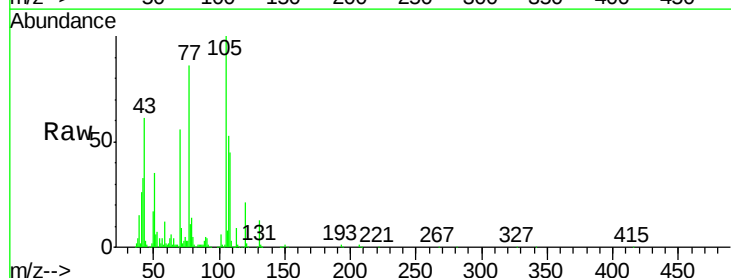
Ion Ratio Lower Upper

105 100

71 9.5 4.4 6.6#

51 35.3 22.3 33.5#

120 20.5 16.9 25.3

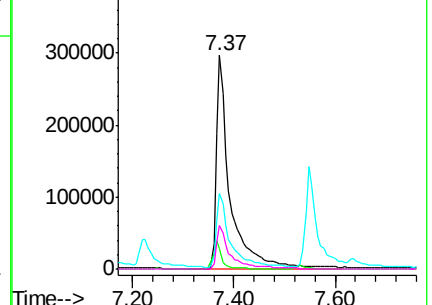
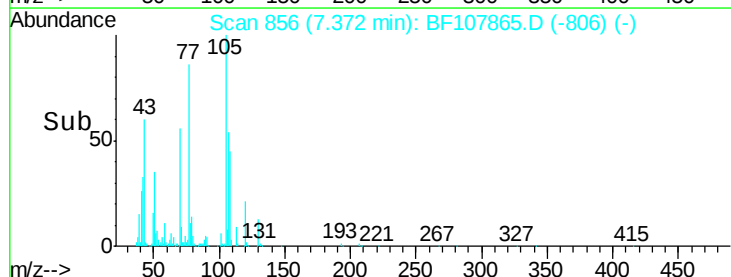


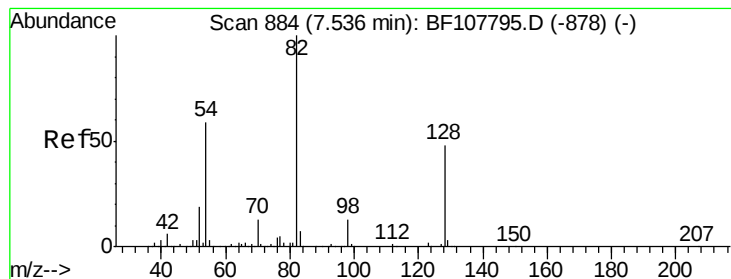
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 63.565 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMS

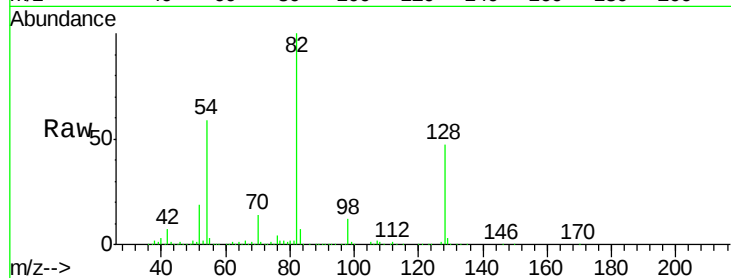
Tgt Ion: 82 Resp: 778323

Ion Ratio Lower Upper

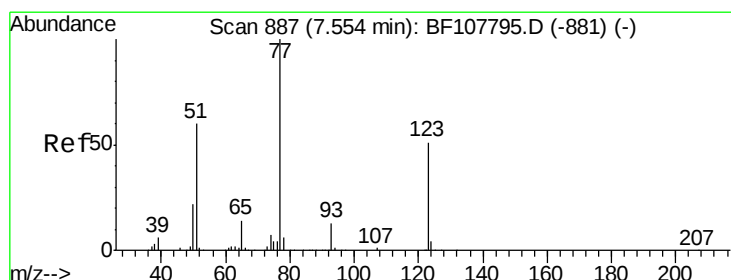
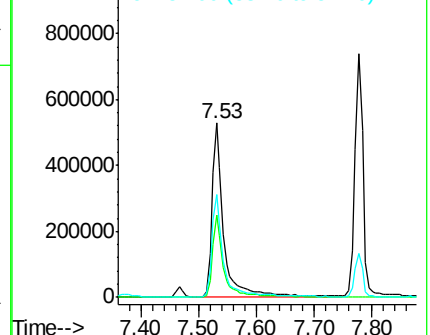
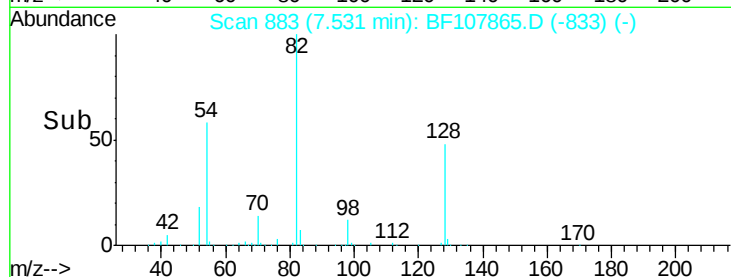
82 100

128 47.5 36.1 54.1

54 59.2 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: 28.384 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

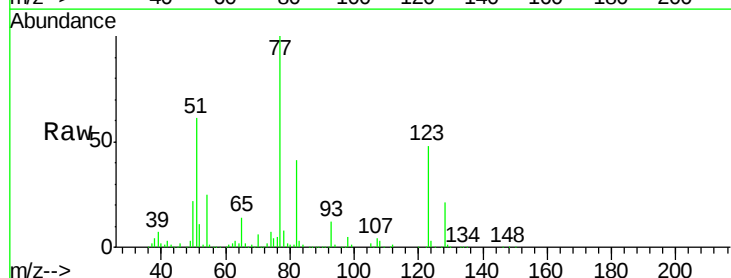
Tgt Ion: 77 Resp: 364432

Ion Ratio Lower Upper

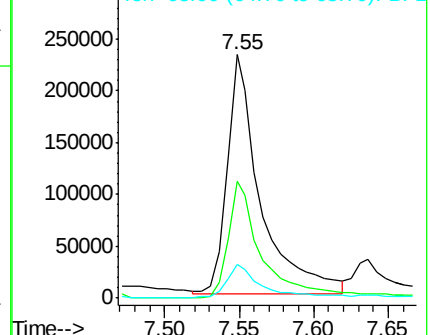
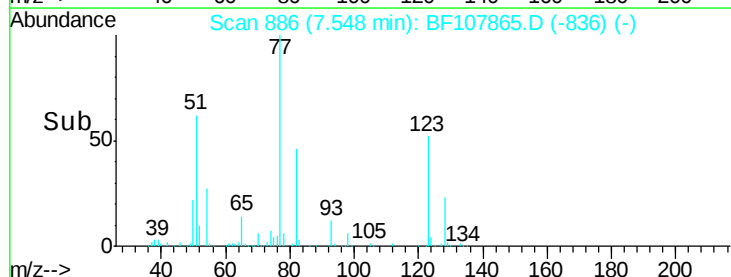
77 100

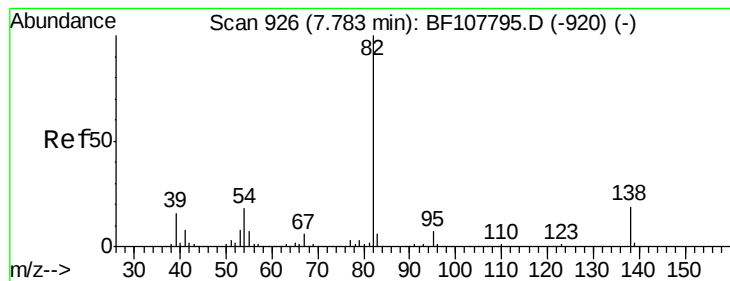
123 47.8 37.9 56.9

65 14.1 11.0 16.4



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





#25

Isophorone

Concen: 36.753 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMS

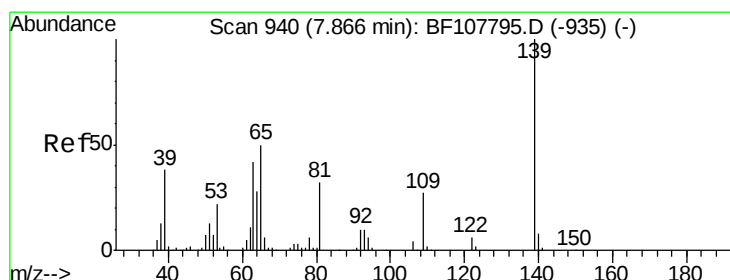
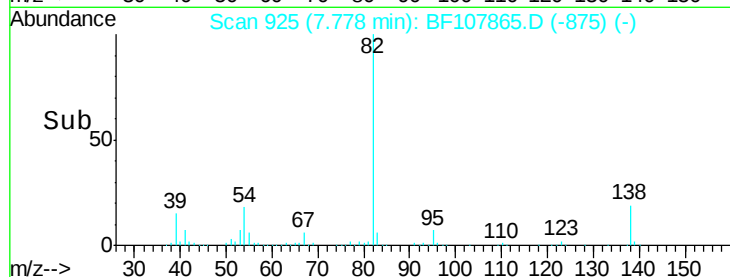
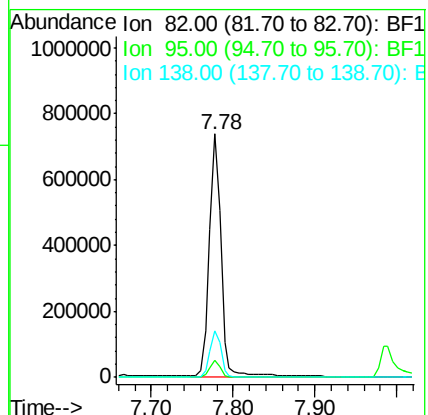
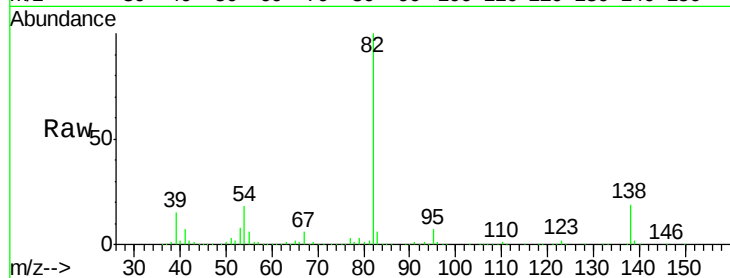
Tgt Ion: 82 Resp: 738715

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.8 14.9 22.3



#26

2-Nitrophenol

Concen: 32.129 ng

RT: 7.87 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

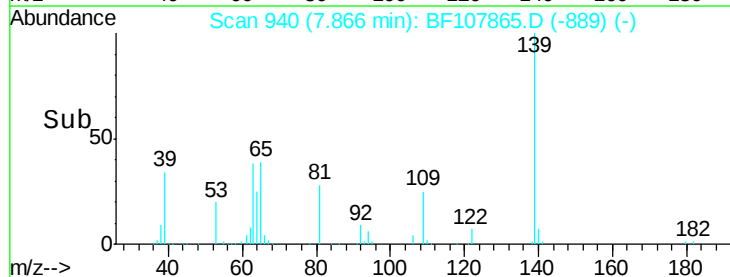
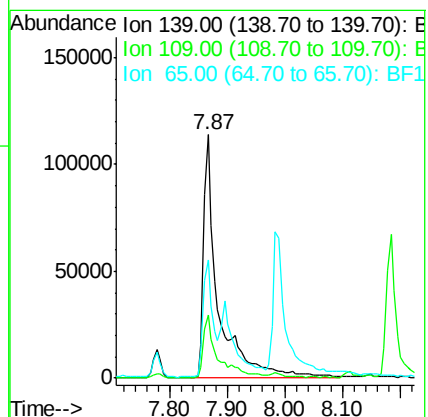
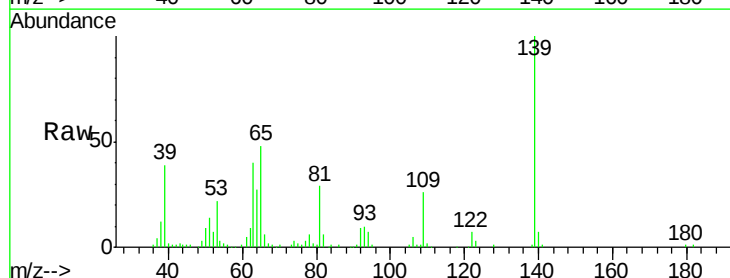
Tgt Ion: 139 Resp: 207023

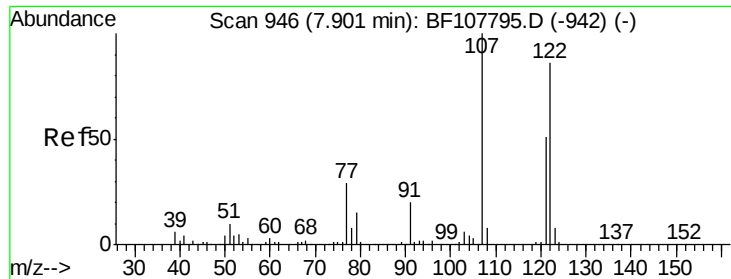
Ion Ratio Lower Upper

139 100

109 25.8 22.7 34.1

65 48.5 40.5 60.7

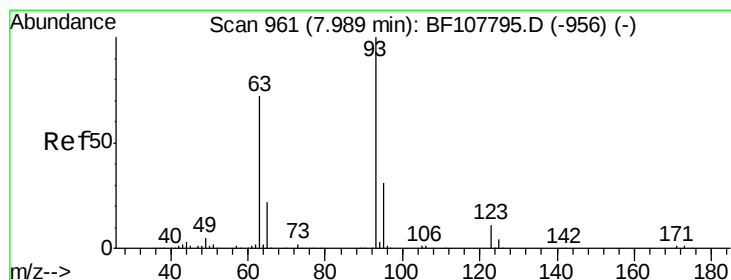
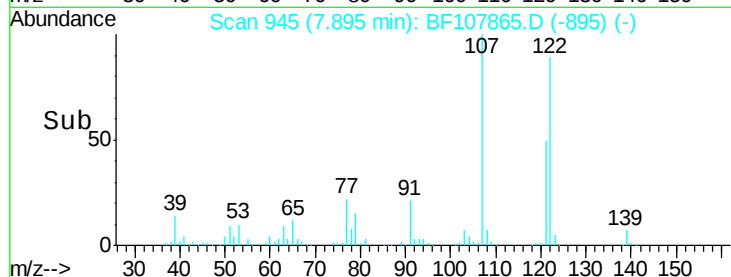
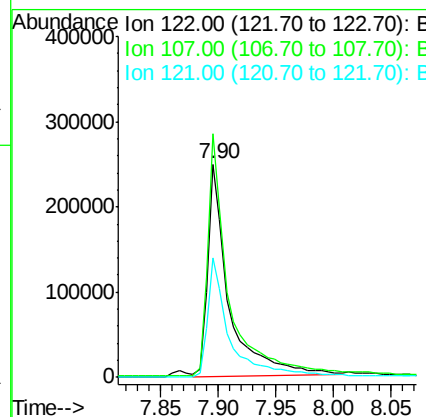
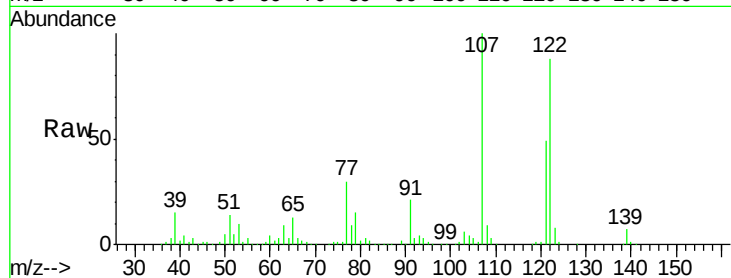




#27
2,4-Dimethylphenol
Concen: 37.305 ng
RT: 7.90 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

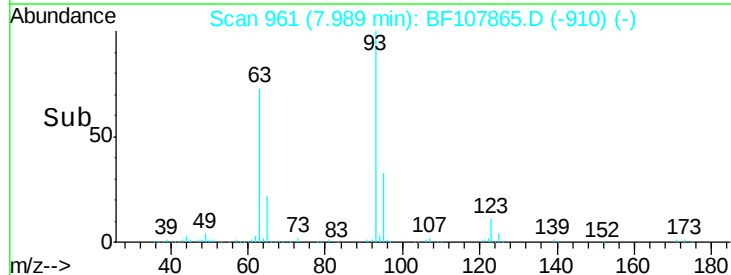
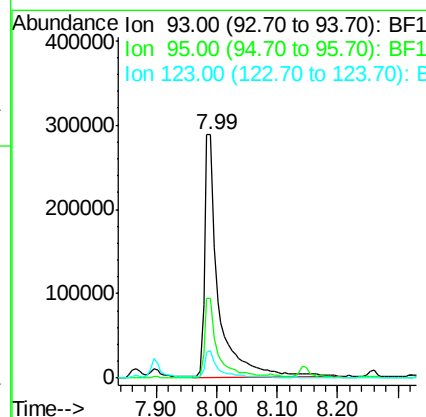
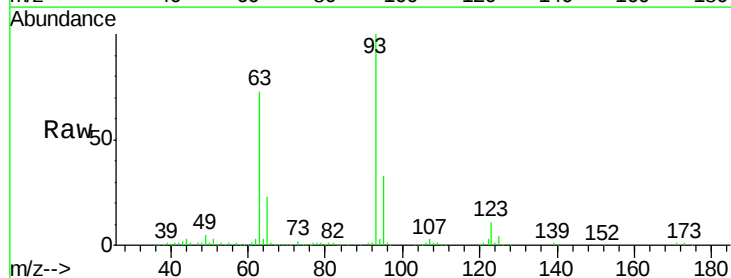
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

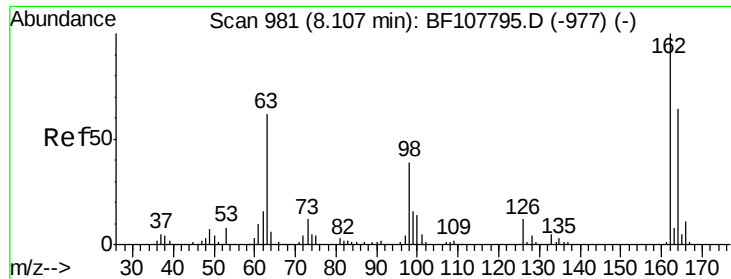
Tgt Ion:122 Resp: 321828
Ion Ratio Lower Upper
122 100
107 114.1 91.2 136.8
121 56.2 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 35.250 ng
RT: 7.99 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion: 93 Resp: 466915
Ion Ratio Lower Upper
93 100
95 32.8 26.3 39.5
123 11.3 9.8 14.6

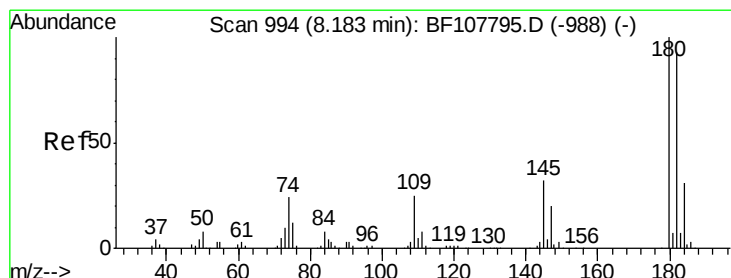
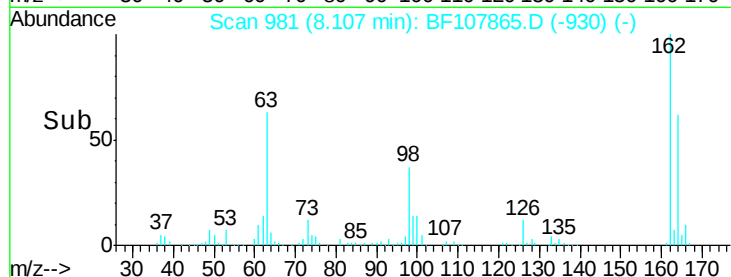
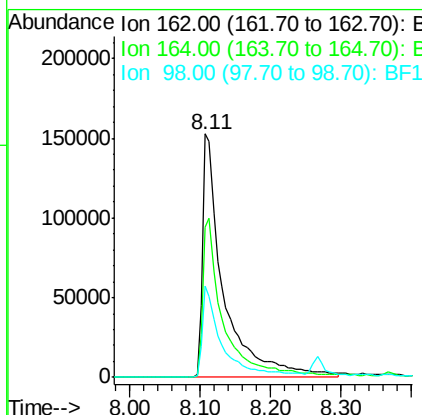
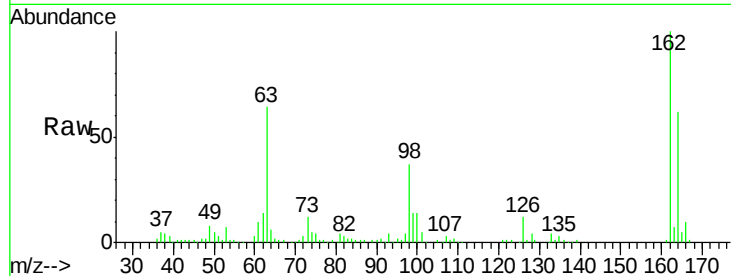




#29
2,4-Dichlorophenol
Concen: 32.557 ng
RT: 8.11 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

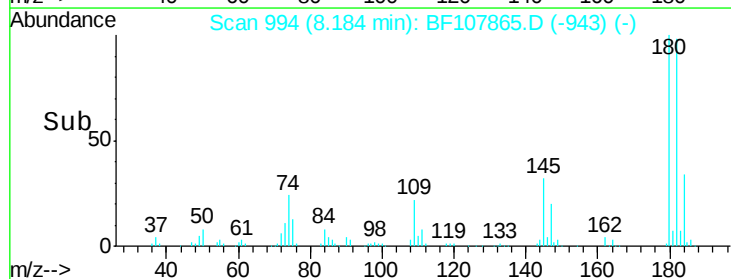
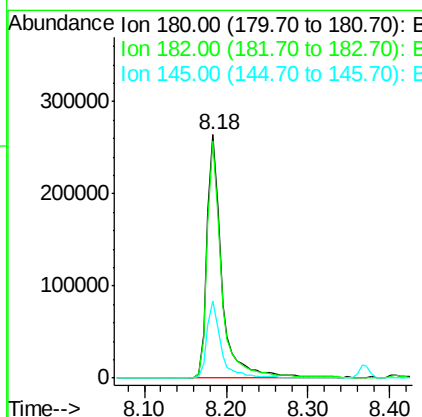
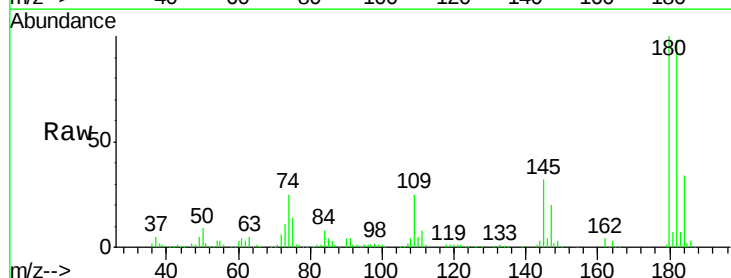
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

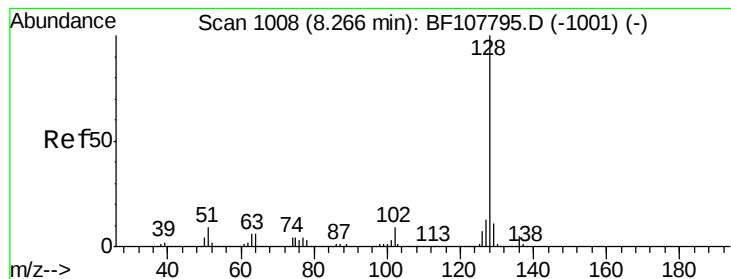
Tgt Ion:162 Resp: 317697
Ion Ratio Lower Upper
162 100
164 61.8 42.7 82.7
98 37.3 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 30.139 ng
RT: 8.18 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion:180 Resp: 335517
Ion Ratio Lower Upper
180 100
182 97.6 76.8 115.2
145 31.7 26.5 39.7





#31

Naphthalene

Concen: 34.628 ng

RT: 8.27 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMS

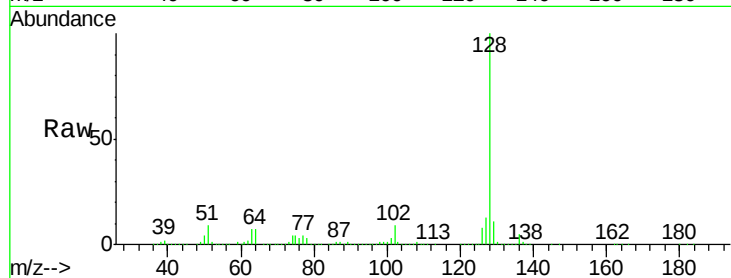
Tgt Ion:128 Resp: 1135460

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

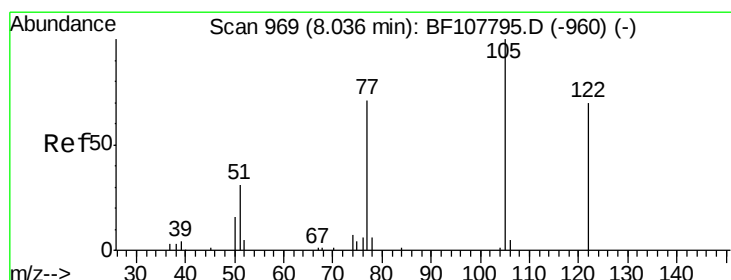
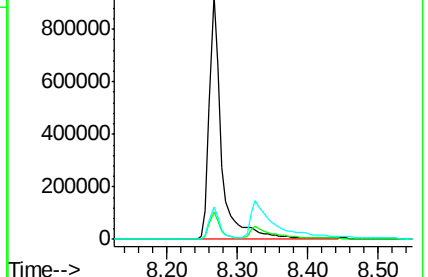
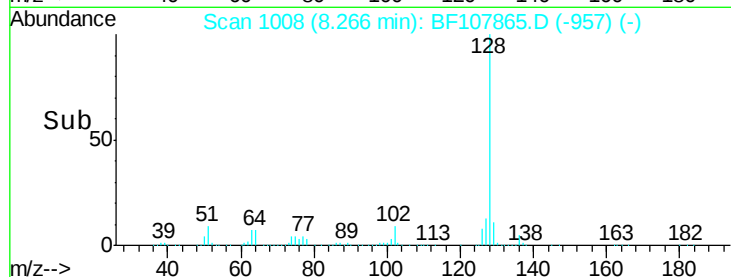
127 13.3 10.9 16.3



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: 54.898 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.14 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

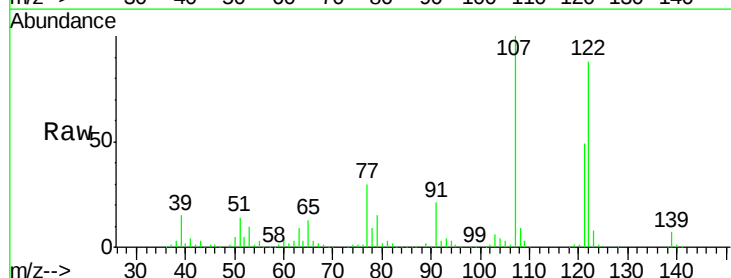
Tgt Ion:122 Resp: 321828

Ion Ratio Lower Upper

122 100

105 4.0 101.1 141.1#

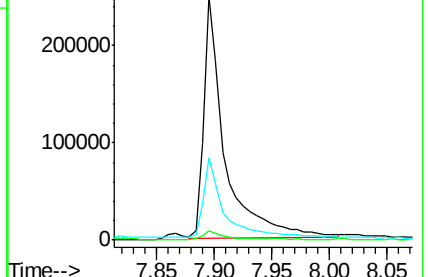
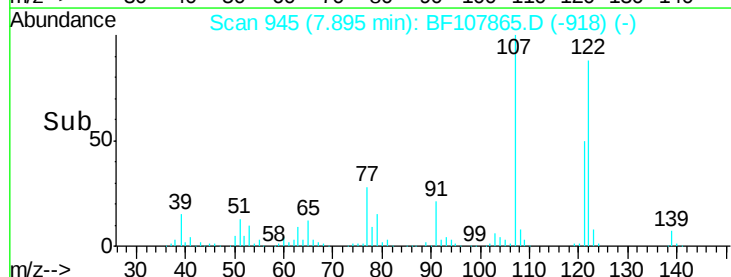
77 33.9 70.7 110.7#

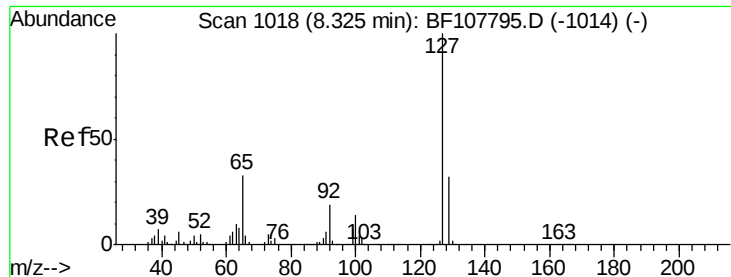


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

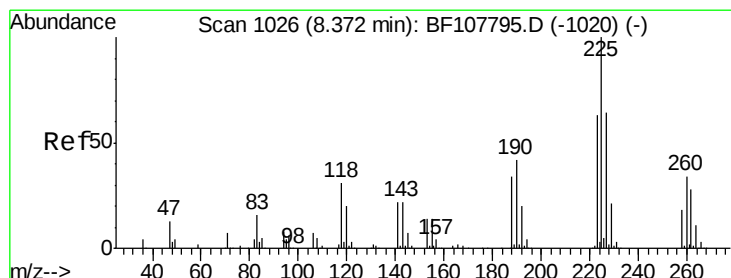
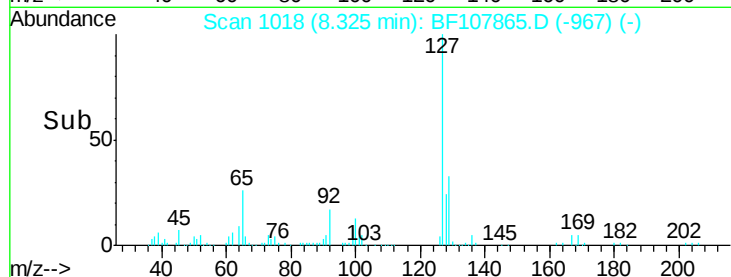
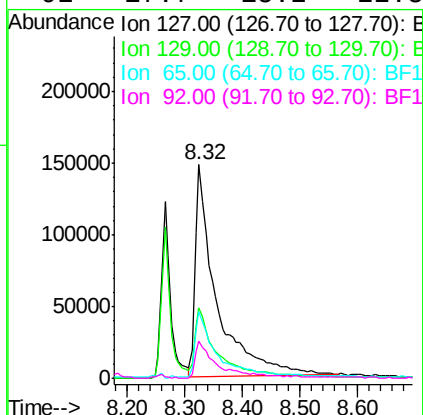
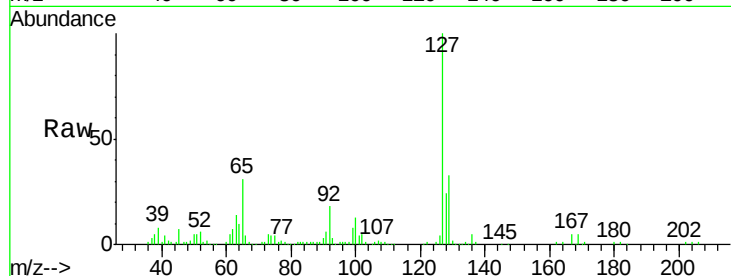




#33
4-Chloroaniline
Concen: 27.320 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

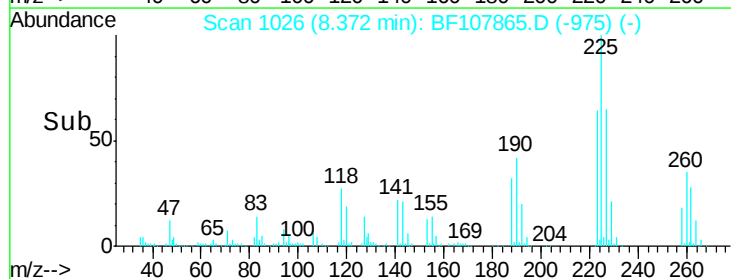
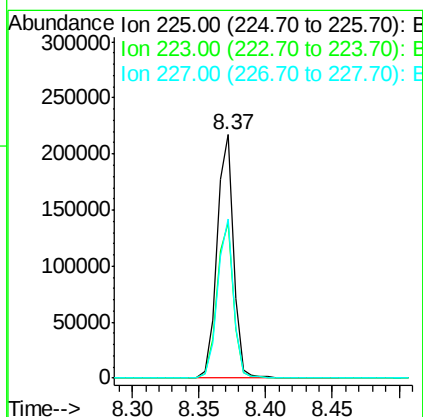
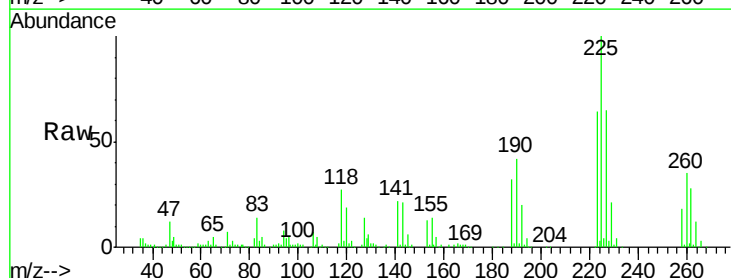
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

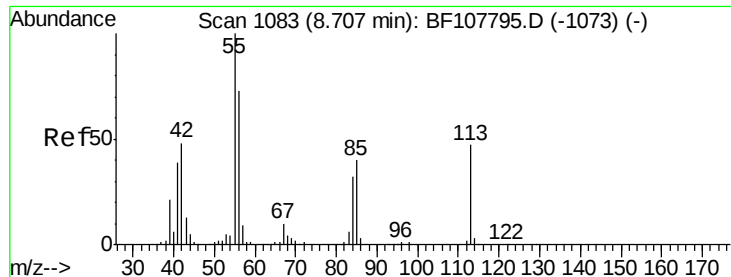
Tgt Ion:	127	Resp:	382642
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	31.3	25.0	37.4
92	17.7	15.2	22.8



#34
Hexachlorobutadiene
Concen: 27.868 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion:	225	Resp:	191709
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	76.0
227	65.3	51.9	77.9





#35

Caprolactam

Concen: 32.416 ng

RT: 8.68 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMS

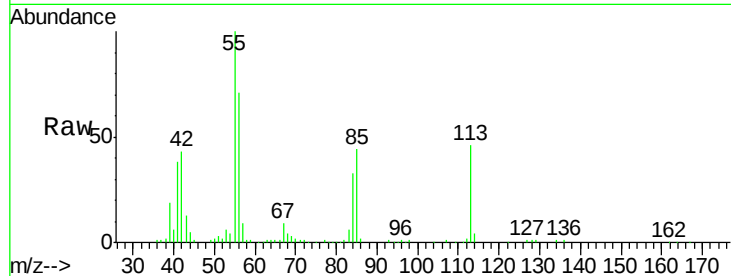
Tgt Ion:113 Resp: 95225

Ion Ratio Lower Upper

113 100

55 215.7 163.3 203.3#

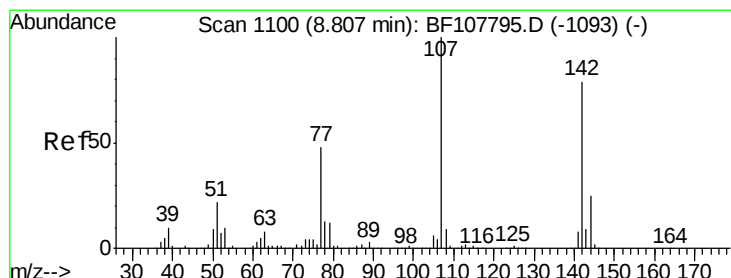
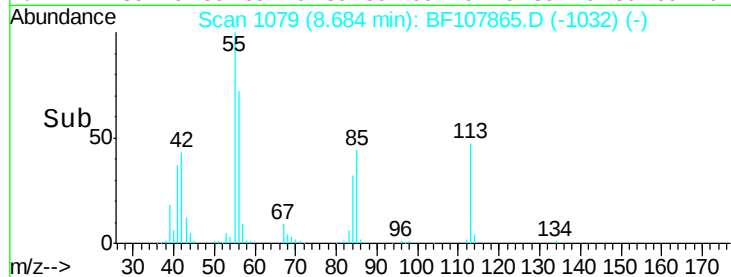
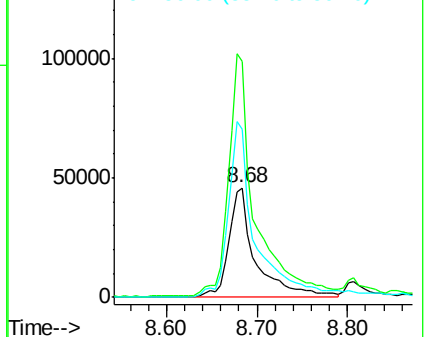
56 154.2 115.7 155.7



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: 32.224 ng

RT: 8.81 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

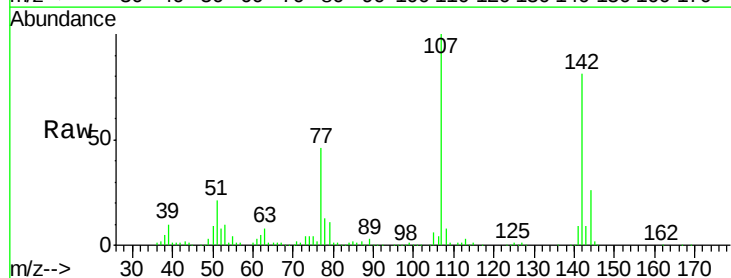
Tgt Ion:107 Resp: 341501

Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

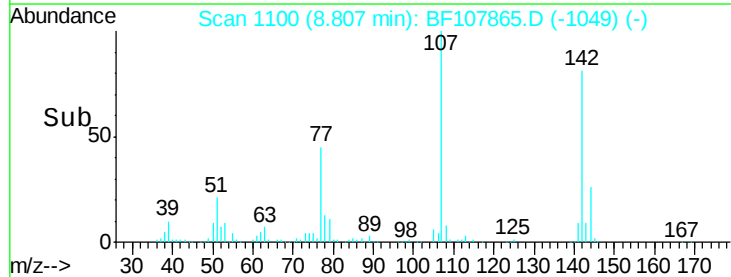
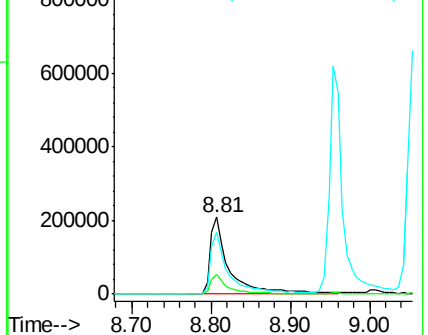
142 81.0 62.0 93.0

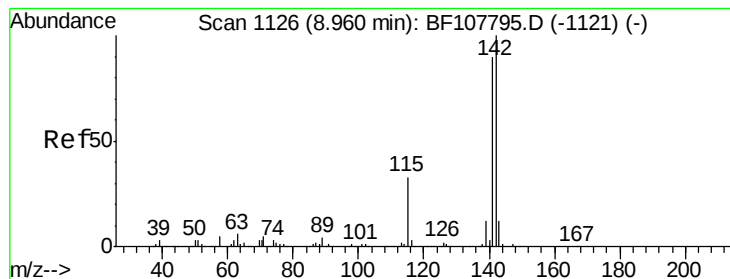


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.720 ng

RT: 8.95 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMS

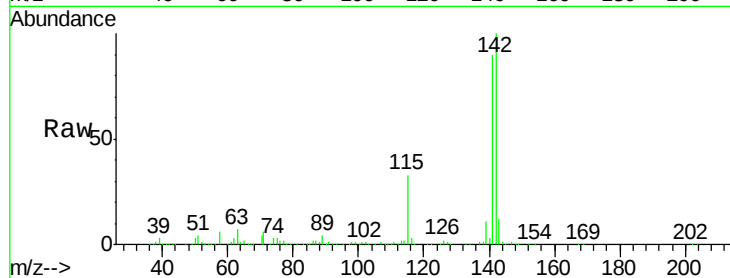
Tgt Ion:142 Resp: 735737

Ion Ratio Lower Upper

142 100

141 90.2 70.8 106.2

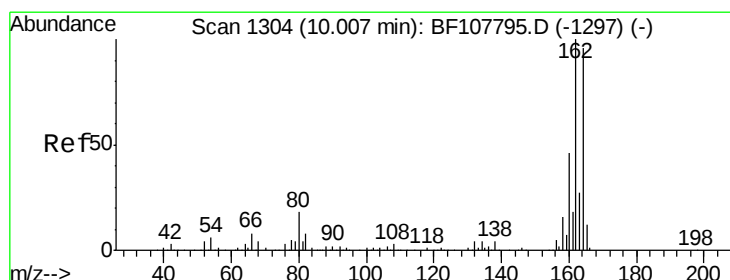
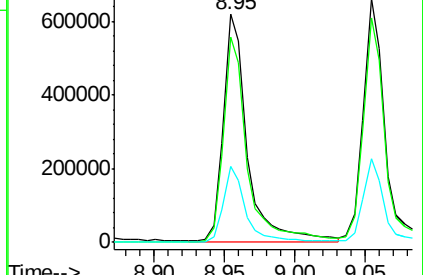
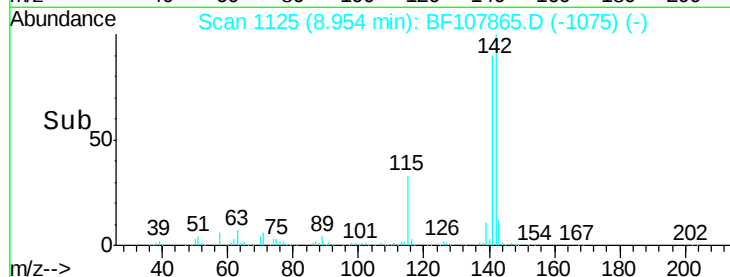
115 33.1 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

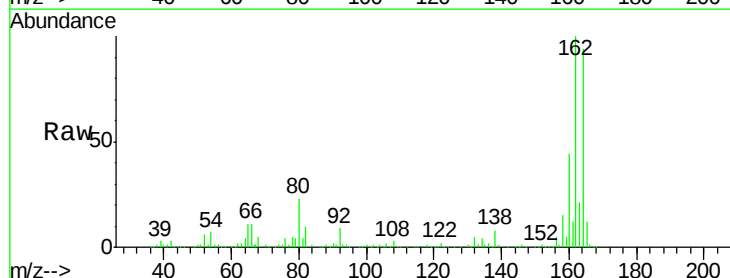
Tgt Ion:164 Resp: 299549

Ion Ratio Lower Upper

164 100

162 106.4 86.1 129.1

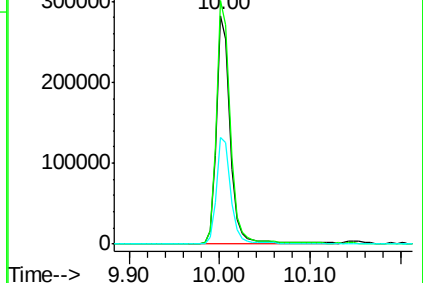
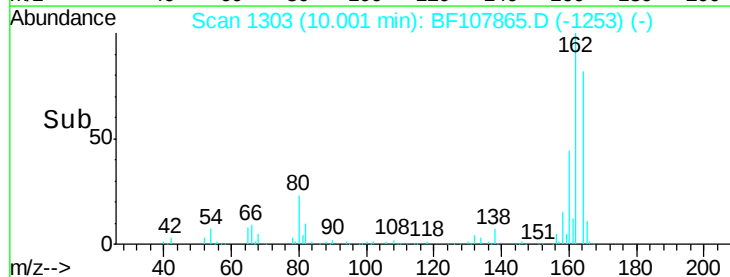
160 46.4 38.3 57.5

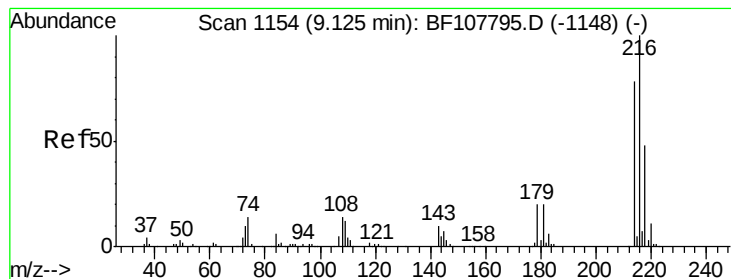


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.380 ng

RT: 9.12 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMS

Tgt Ion:216 Resp: 351124

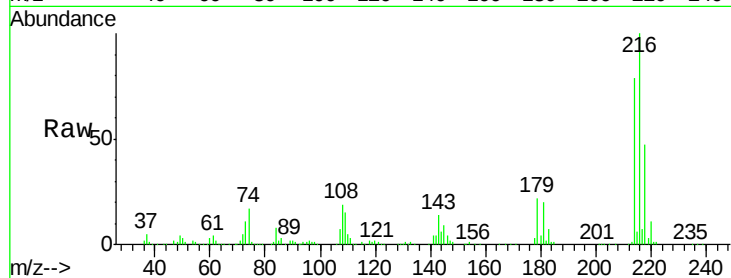
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 20.5 18.1 27.1

108 16.0 17.2 25.8#

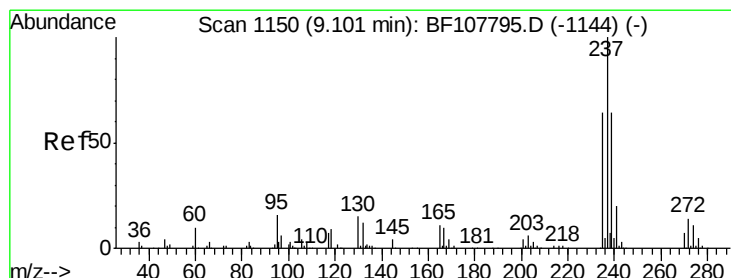
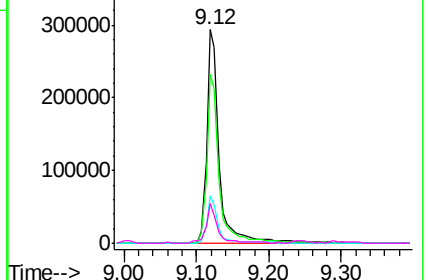
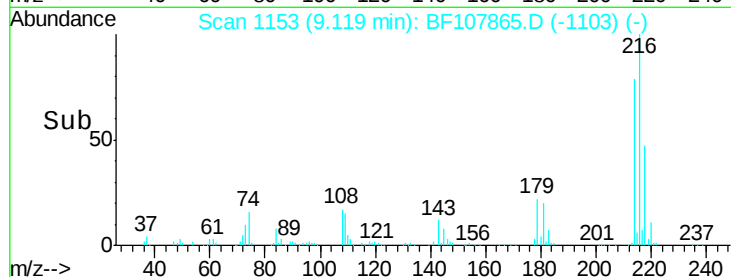


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 22.526 ng

RT: 9.10 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

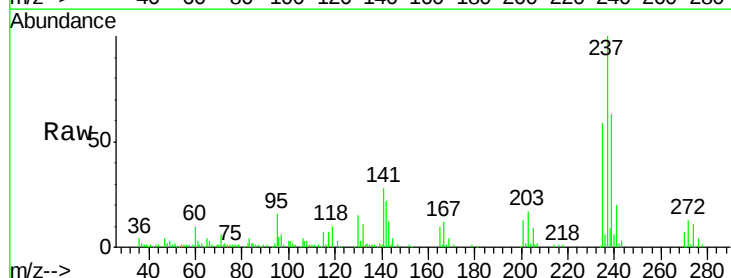
Tgt Ion:237 Resp: 73221

Ion Ratio Lower Upper

237 100

235 59.4 44.8 84.8

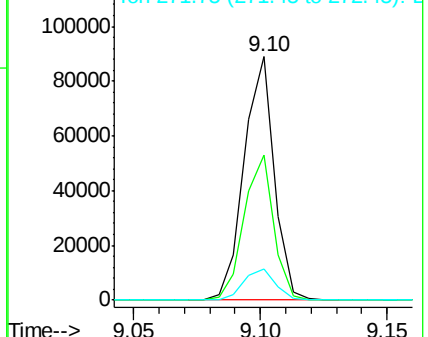
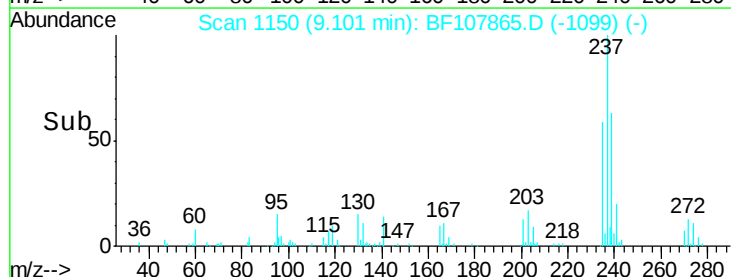
272 12.7 0.0 33.3

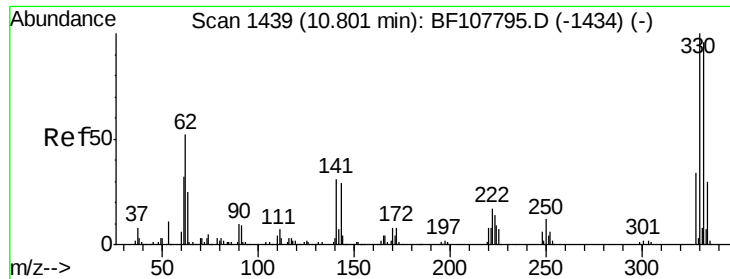


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

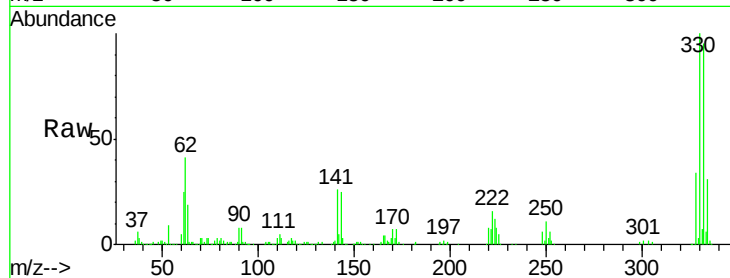




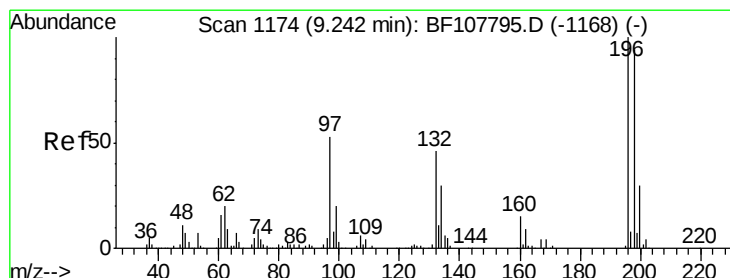
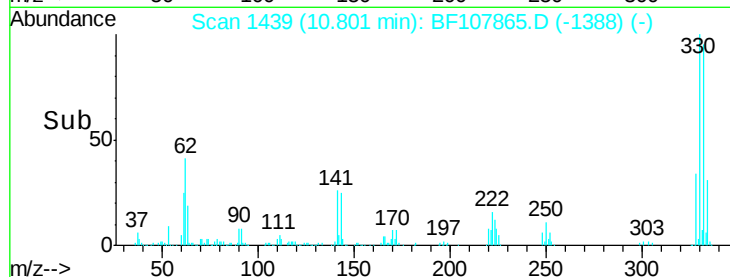
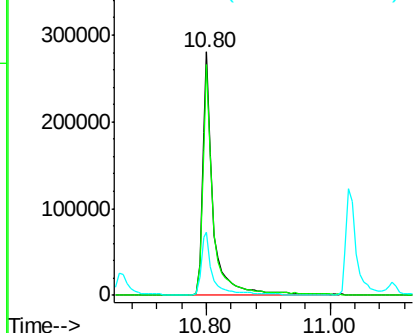
#41
 2,4,6-Tribromophenol
 Concen: 83.645 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

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

Tgt Ion: 330 Resp: 340457
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.0 115.6
 141 25.8 29.9 44.9#

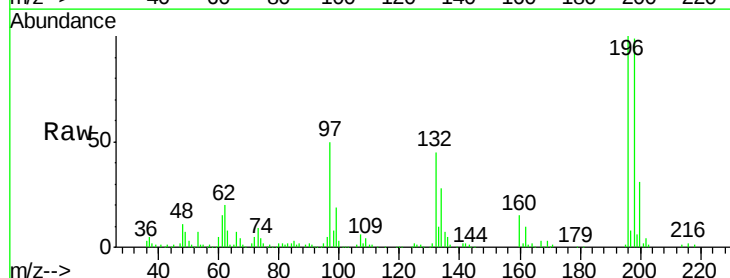


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

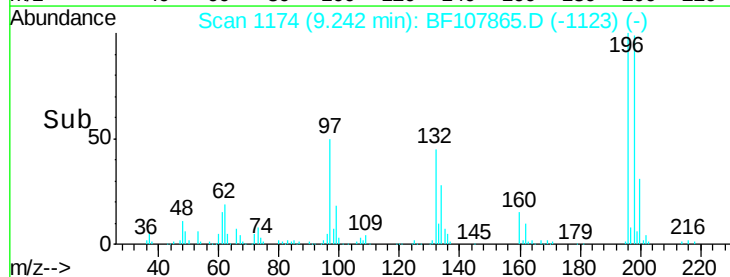
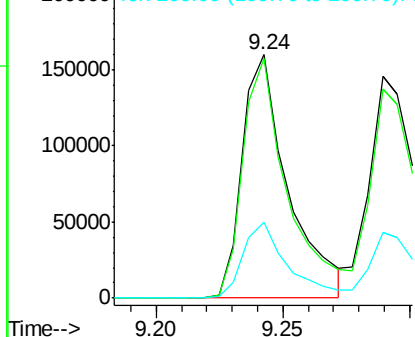


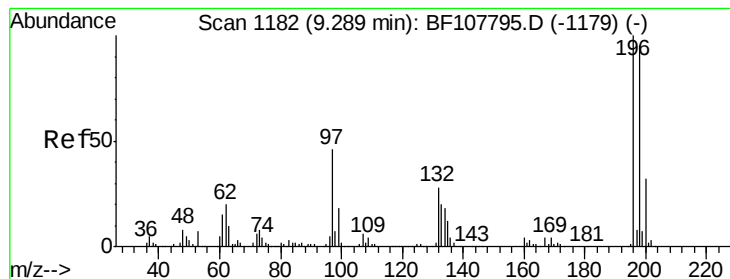
#42
 2,4,6-Trichlorophenol
 Concen: 35.696 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Tgt Ion: 196 Resp: 201547
 Ion Ratio Lower Upper
 196 100
 198 98.7 75.7 113.5
 200 31.3 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: 36.422 ng

RT: 9.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMS

Tgt Ion:196 Resp: 247571

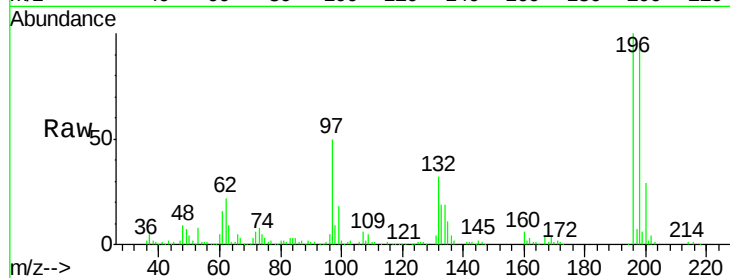
Ion Ratio Lower Upper

196 100

198 93.8 74.6 112.0

97 50.0 42.9 64.3

132 31.7 26.3 39.5

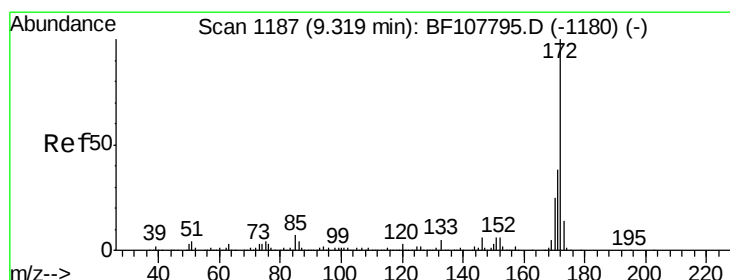
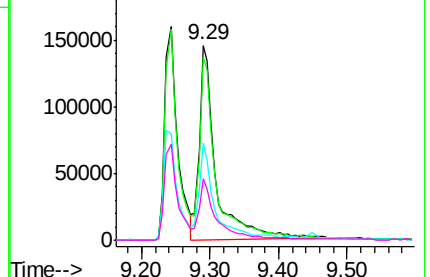
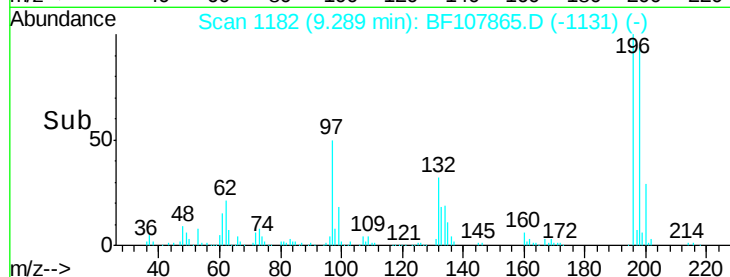


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 65.002 ng

RT: 9.32 min Scan# 1187

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

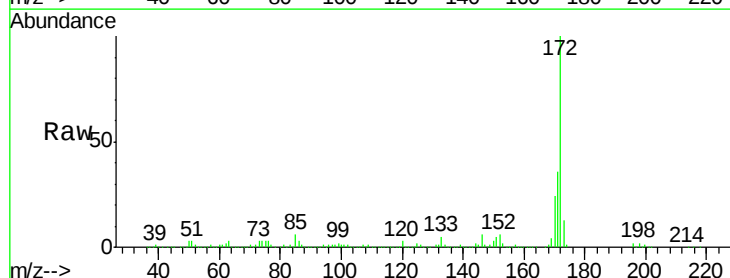
Tgt Ion:172 Resp: 1397294

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

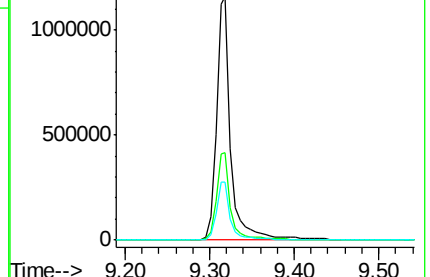
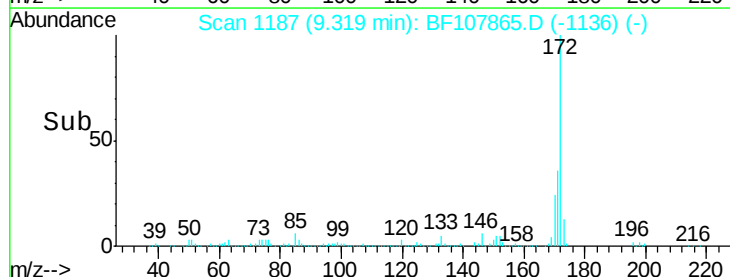
170 23.9 19.6 29.4

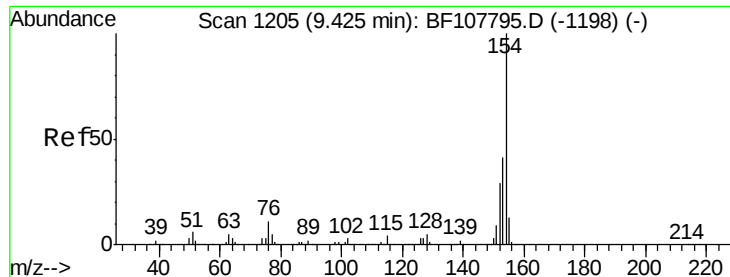


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

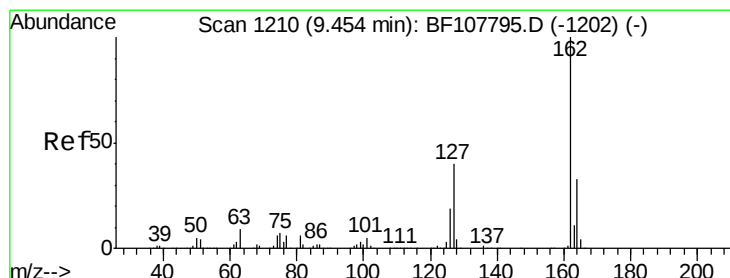
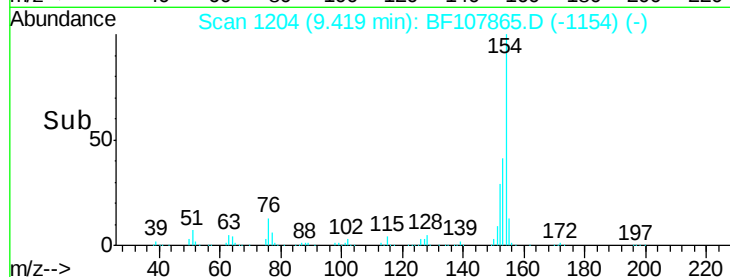
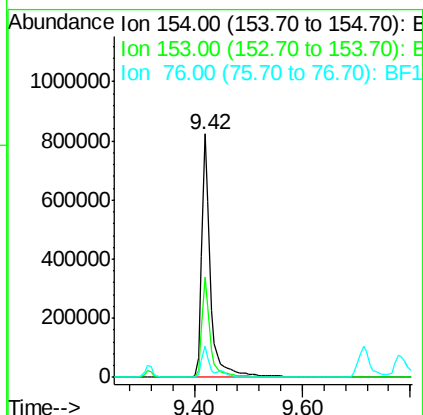
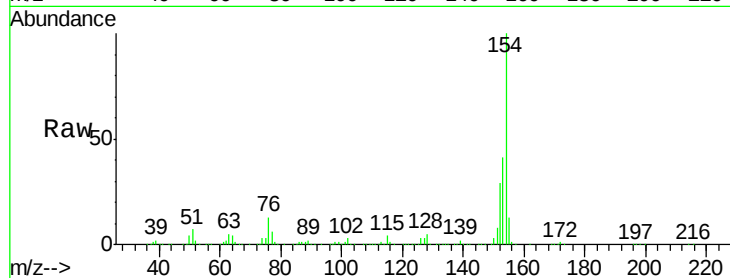




#45
 1,1'-Biphenyl
 Concen: 34.281 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

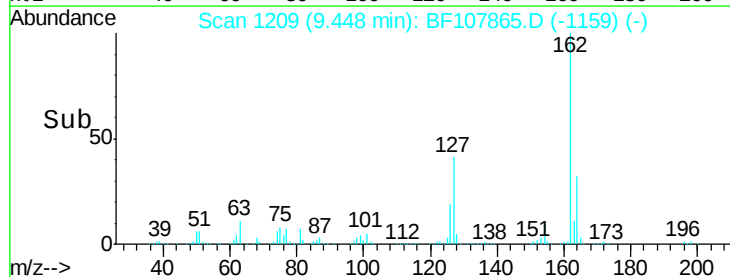
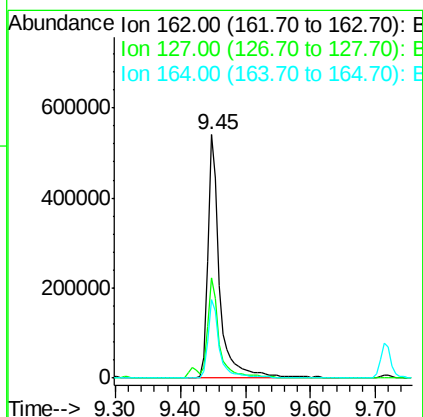
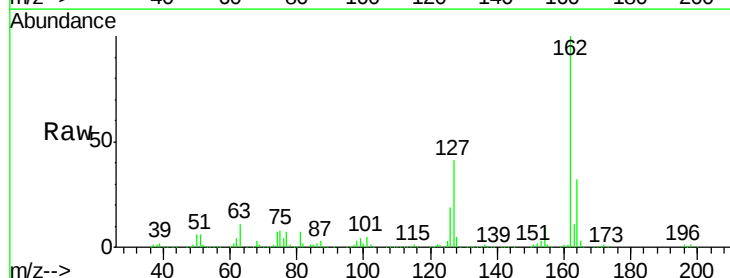
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMS

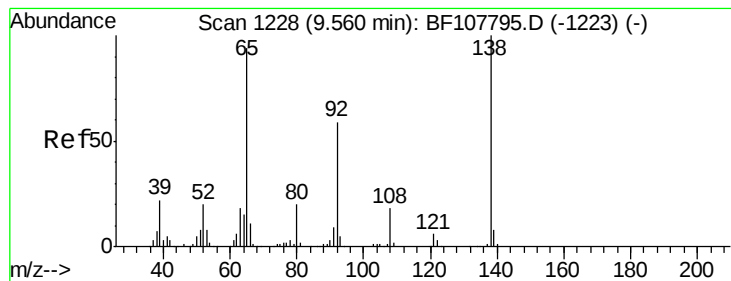
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	12.6	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 33.119 ng
 RT: 9.45 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.9	50.9
164	32.5	26.5	39.7





#47

2-Nitroaniline

Concen: 34.095 ng

RT: 9.56 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMS

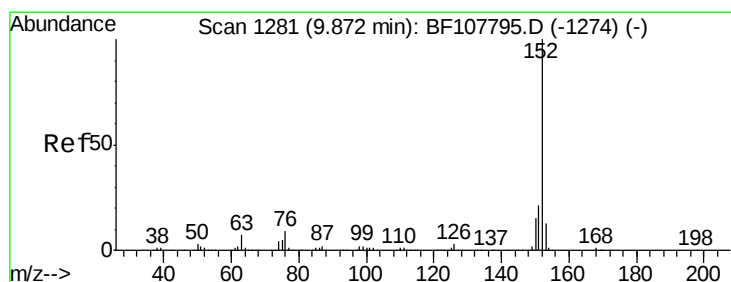
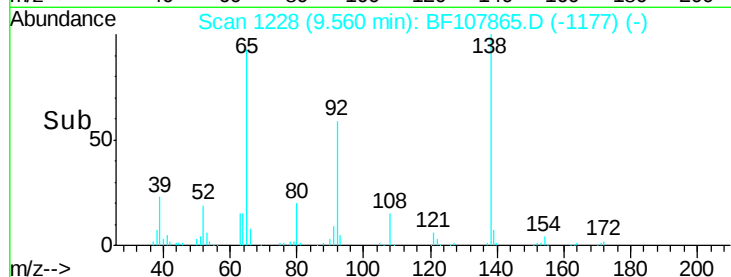
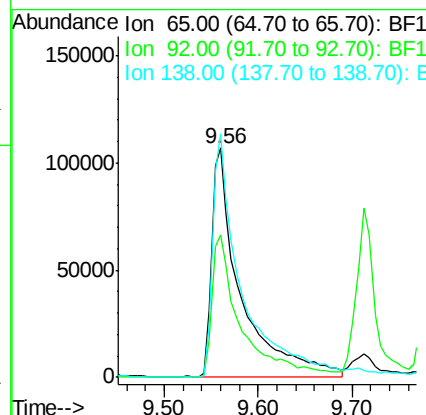
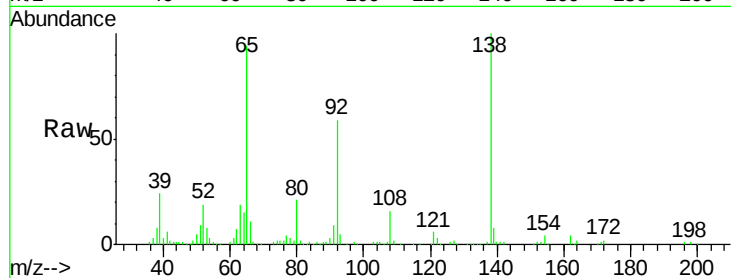
Tgt Ion: 65 Resp: 227984

Ion Ratio Lower Upper

65 100

92 62.3 55.8 83.6

138 106.3 91.2 136.8



#48

Acenaphthylene

Concen: 34.046 ng

RT: 9.87 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

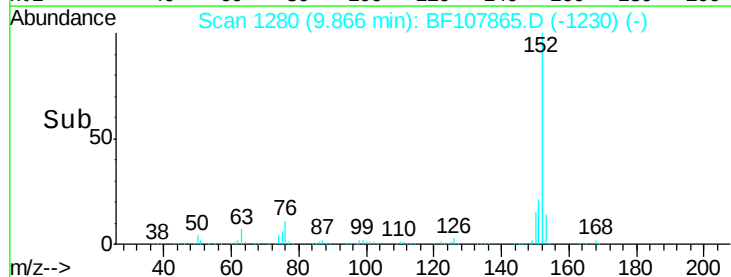
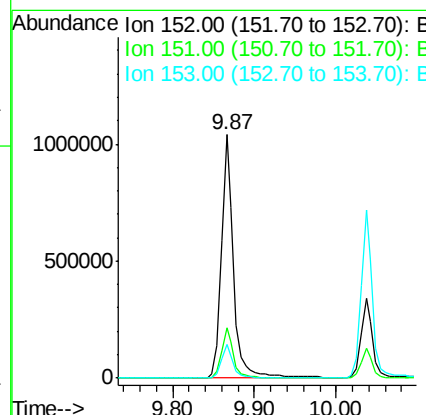
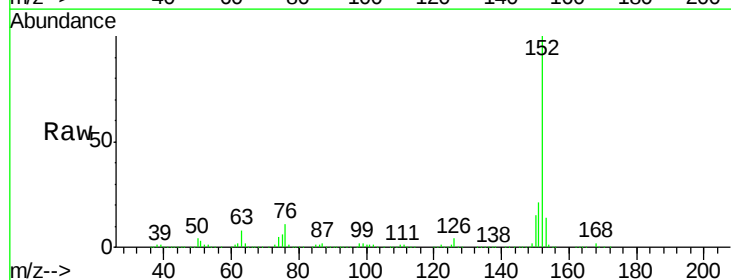
Tgt Ion: 152 Resp: 1085049

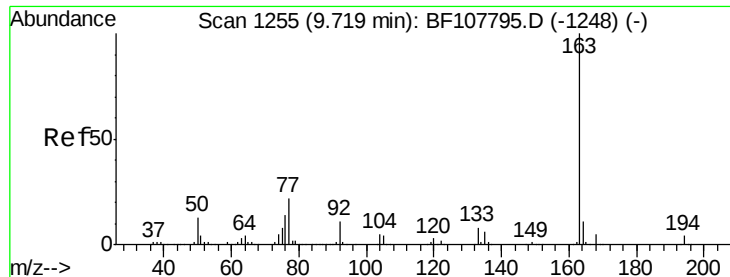
Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

153 13.6 10.7 16.1





#49

Dimethylphthalate

Concen: 38.960 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMS

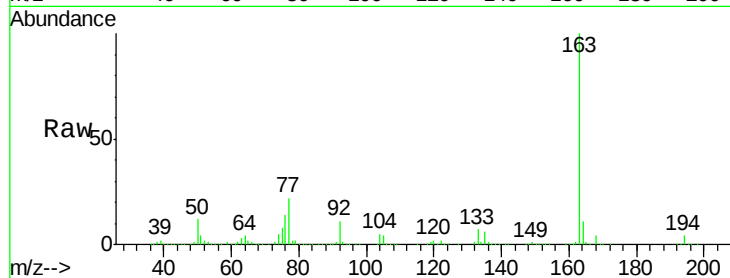
Tgt Ion:163 Resp: 876462

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

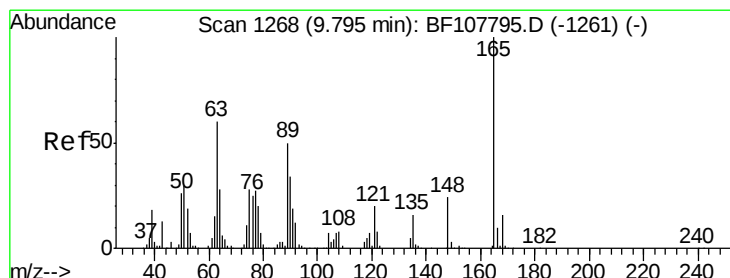
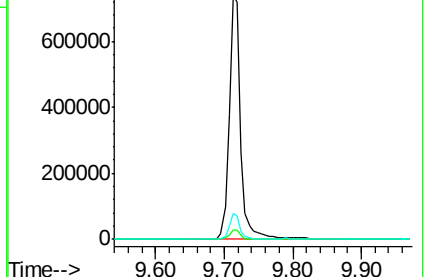
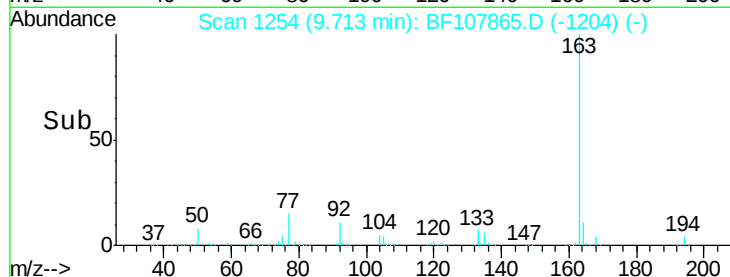
164 10.5 8.2 12.2



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: 32.835 ng

RT: 9.79 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

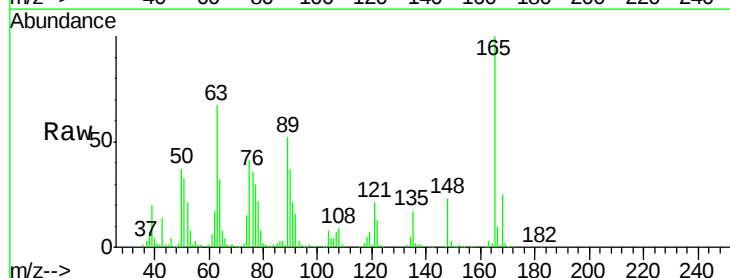
Tgt Ion:165 Resp: 160529

Ion Ratio Lower Upper

165 100

63 66.5 44.7 67.1

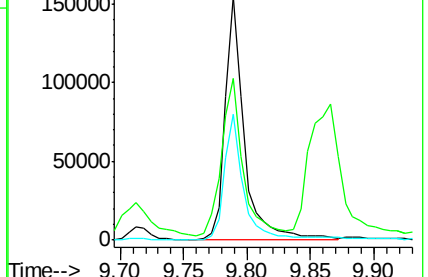
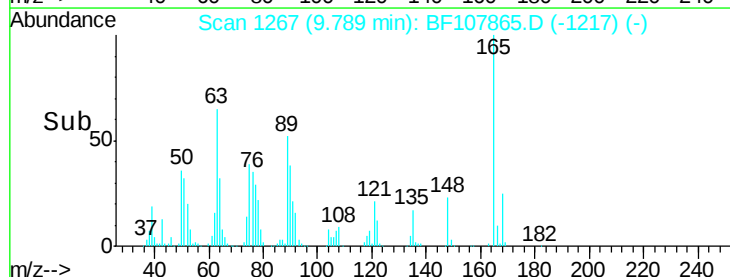
89 51.7 44.0 66.0

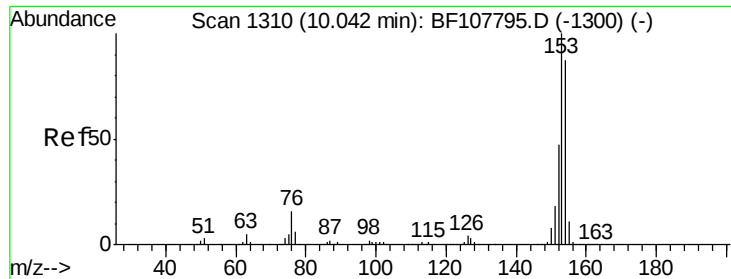


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 33.729 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMS

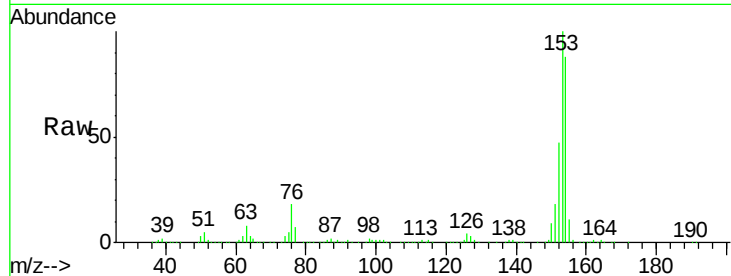
Tgt Ion:154 Resp: 624434

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

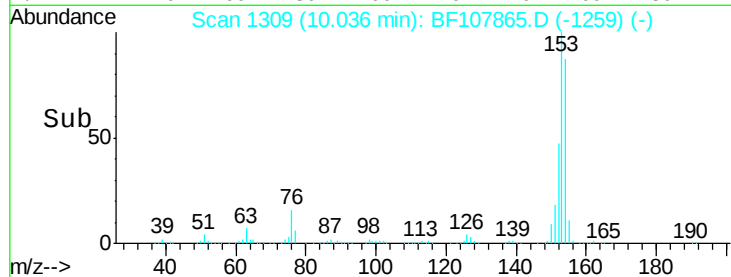
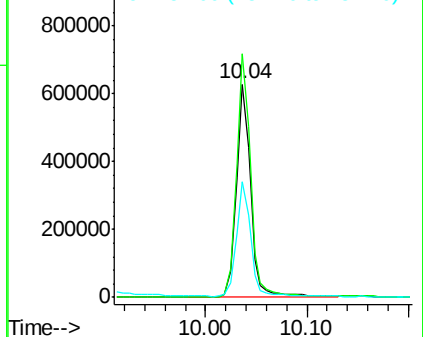
152 54.2 43.8 65.8



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: 27.536 ng

RT: 9.97 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

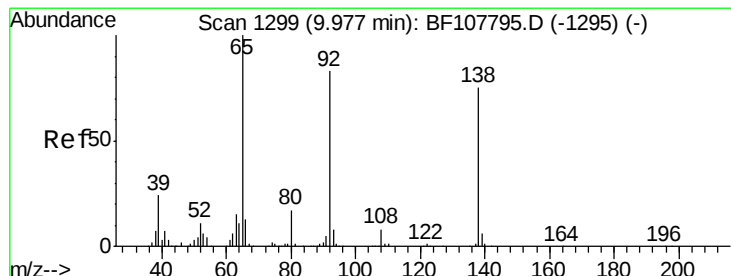
Tgt Ion:138 Resp: 169635

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

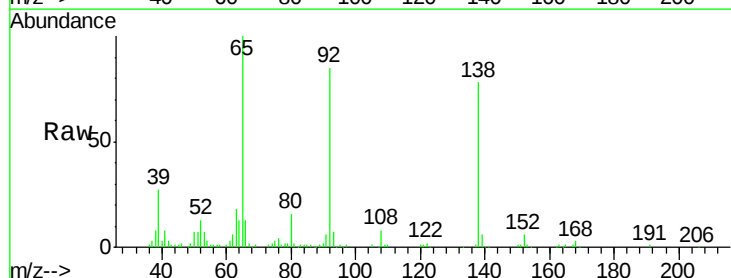
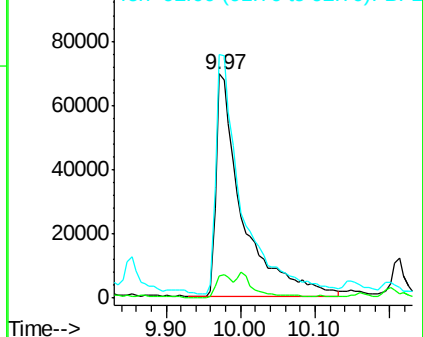
92 108.6 89.4 134.2

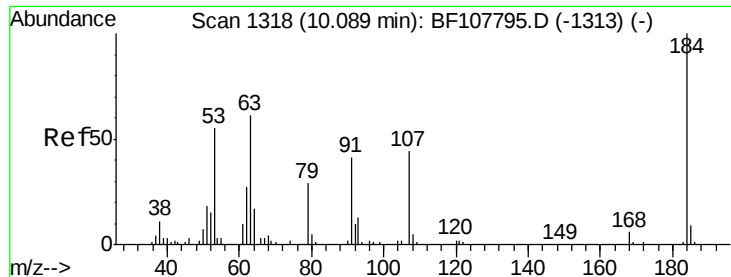


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

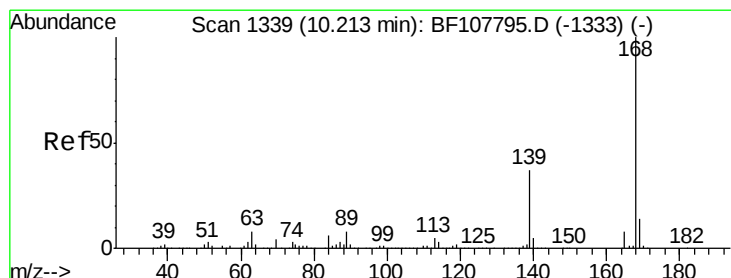
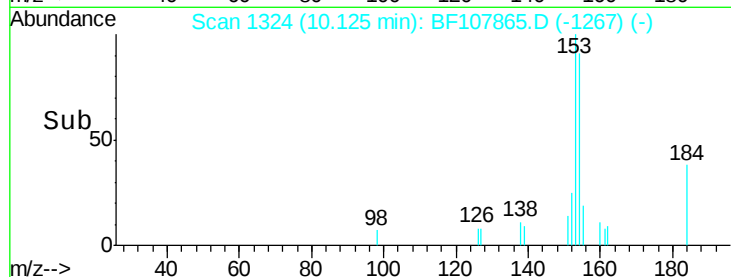
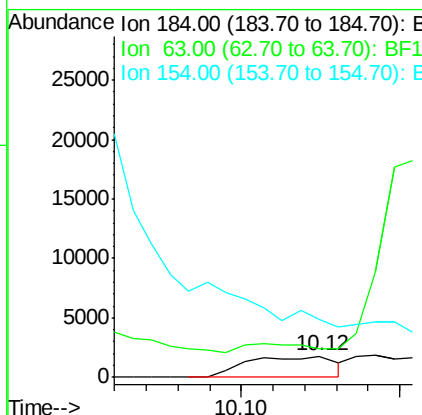
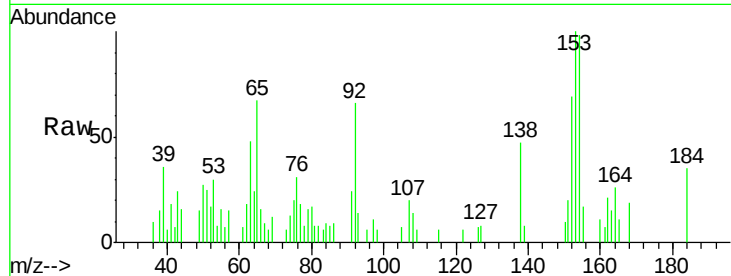




#53
2,4-Dinitrophenol
Concen: 9.616 ng
RT: 10.12 min Scan# 1324
Delta R.T. 0.04 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

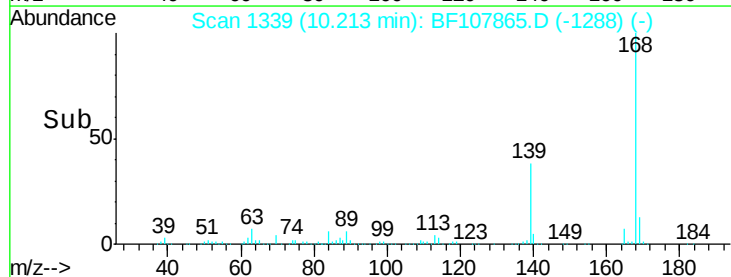
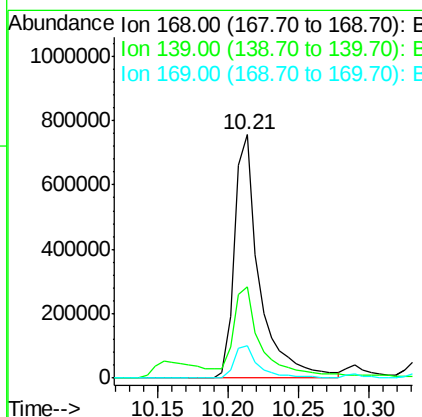
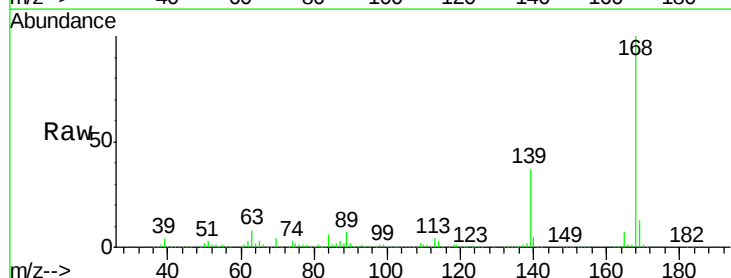
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

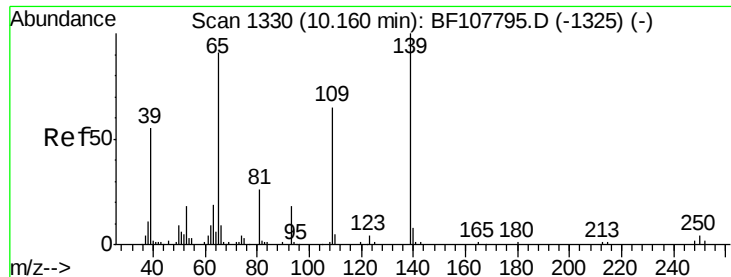
Tgt Ion:184 Resp: 3386
Ion Ratio Lower Upper
184 100
63 137.6 54.2 81.2#
154 278.8 184.0 276.0#



#54
Dibenzofuran
Concen: 32.475 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion:168 Resp: 929263
Ion Ratio Lower Upper
168 100
139 37.4 30.1 45.1
169 13.2 10.9 16.3

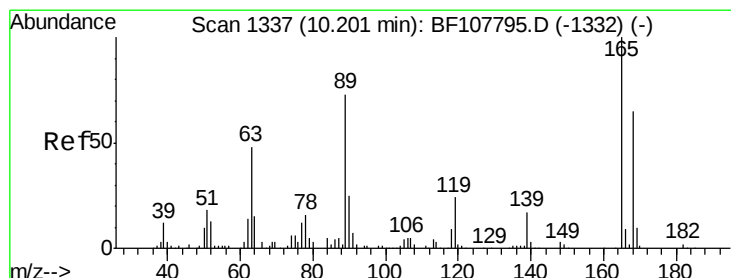
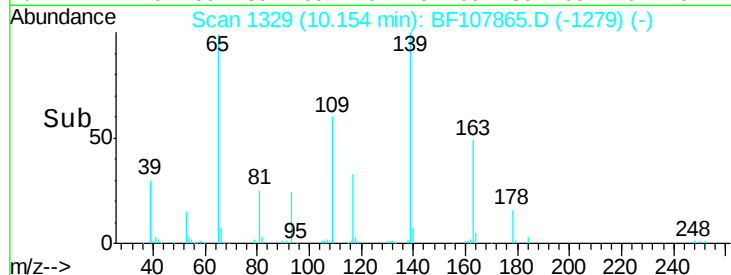
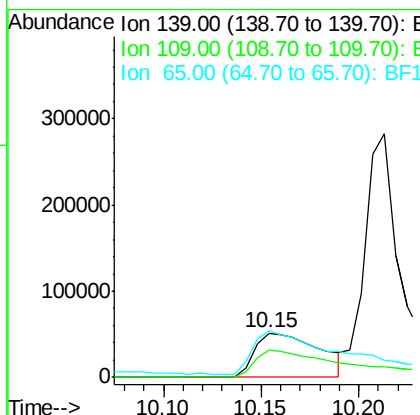
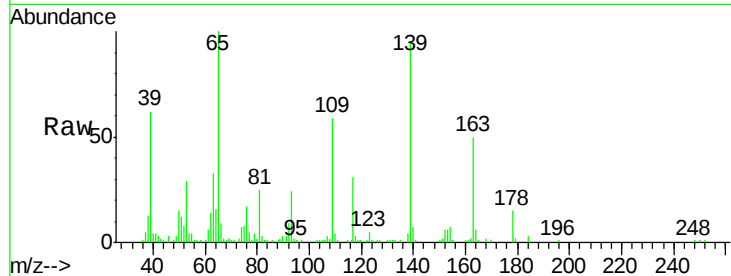




#55
4-Nitrophenol
Concen: 45.195 ng
RT: 10.15 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

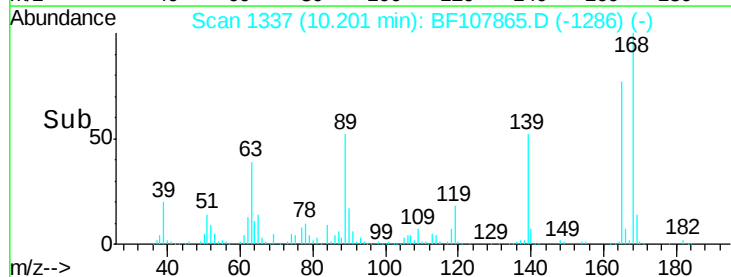
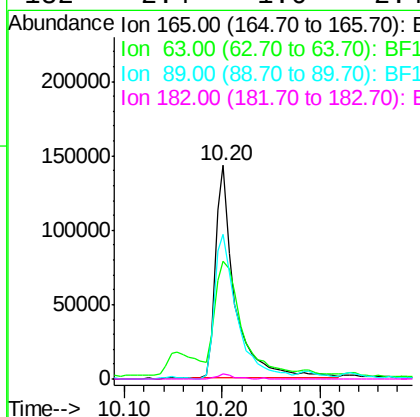
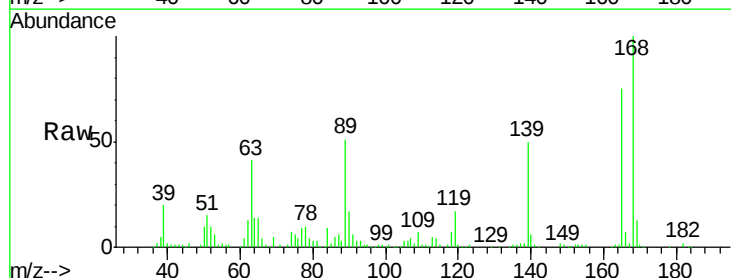
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

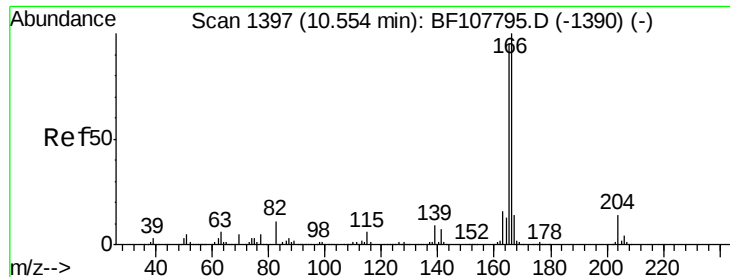
Tgt Ion:139 Resp: 117744
Ion Ratio Lower Upper
139 100
109 62.2 48.4 88.4
65 105.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 30.805 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion:165 Resp: 197947
Ion Ratio Lower Upper
165 100
63 55.2 36.4 54.6#
89 67.7 57.8 86.6
182 2.4 1.6 2.4#





#57

Fluorene

Concen: 32.507 ng

RT: 10.55 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMS

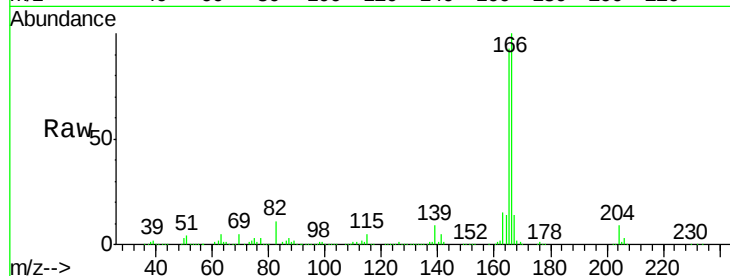
Tgt Ion:166 Resp: 722892

Ion Ratio Lower Upper

166 100

165 93.4 79.8 119.8

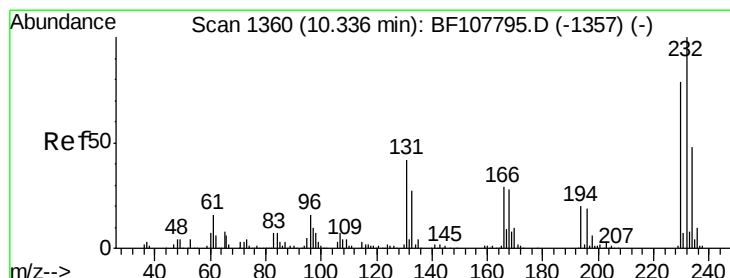
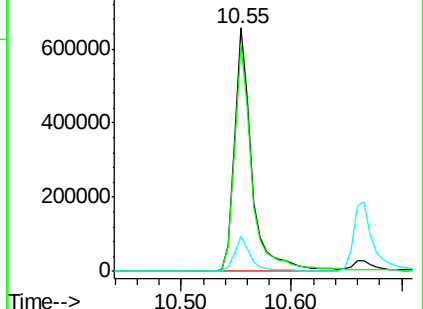
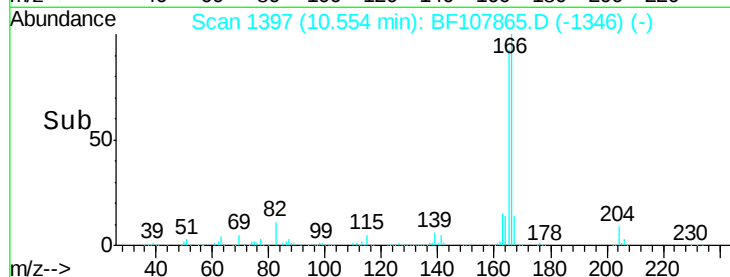
167 14.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.711 ng

RT: 10.33 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Tgt Ion:232 Resp: 204219

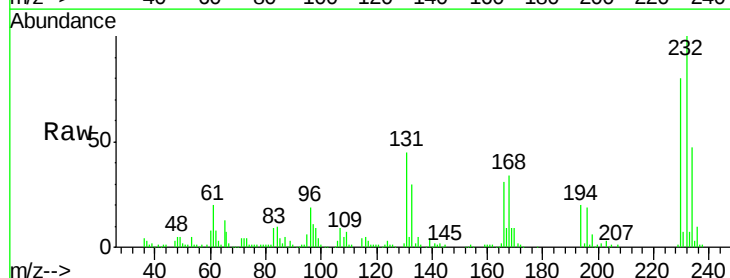
Ion Ratio Lower Upper

232 100

131 40.8 43.8 65.8#

130 1.8 2.1 3.1#

166 23.7 27.8 41.6#

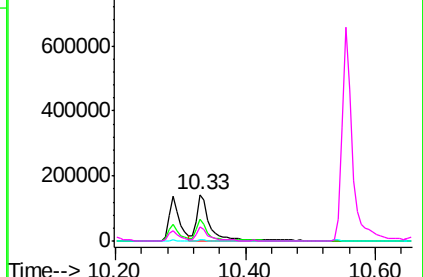
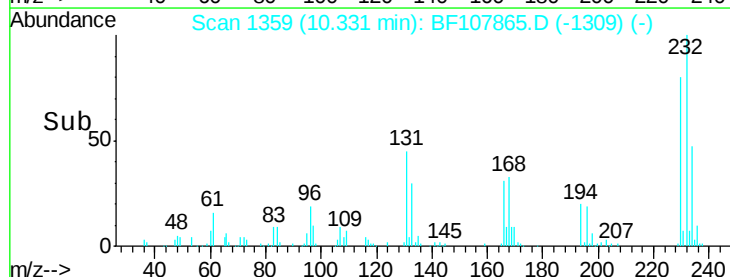


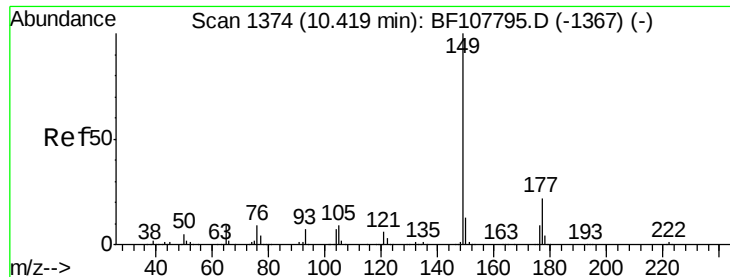
Abundance Ion 232.00 (231.70 to 232.70): E

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

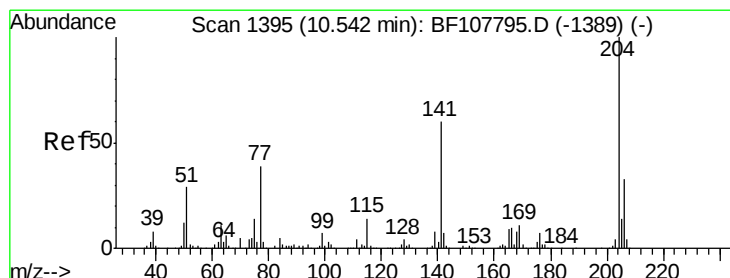
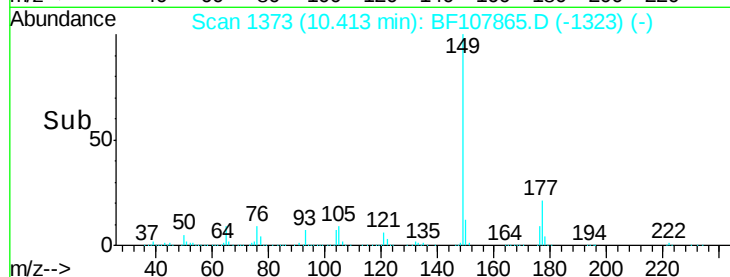
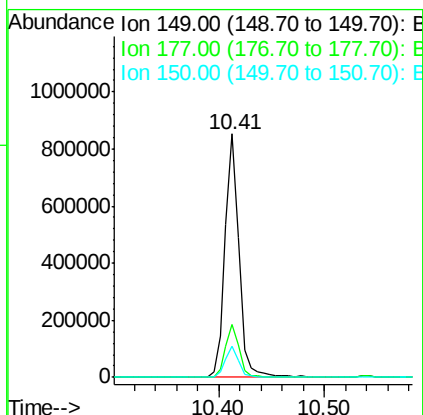
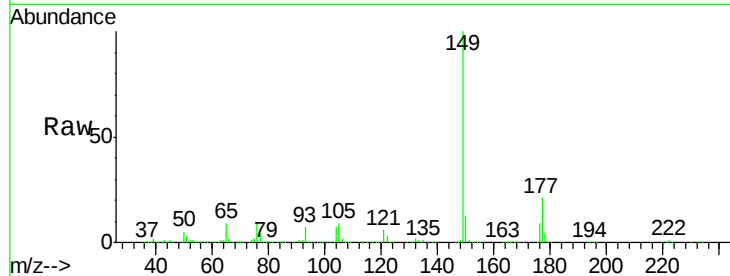




#59
Diethylphthalate
Concen: 32.870 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

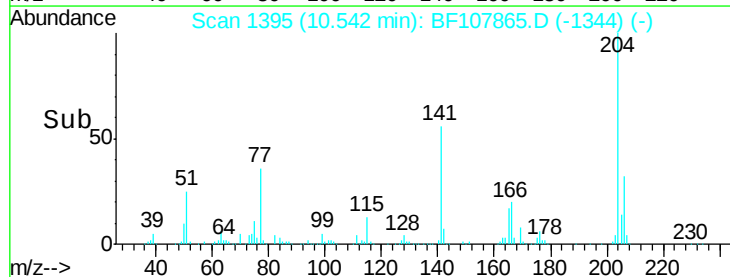
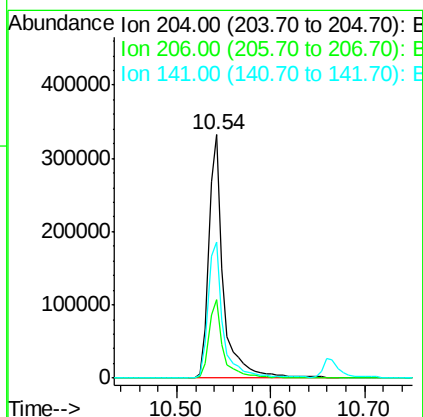
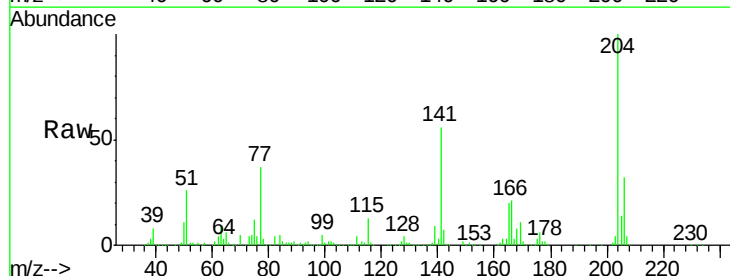
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

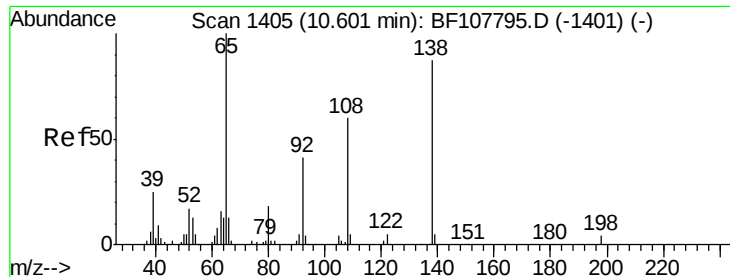
Tgt Ion:149 Resp: 795048
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 30.005 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion:204 Resp: 363493
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 55.9 54.6 81.8





#61

4-Nitroaniline

Concen: 28.713 ng

RT: 10.60 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMS

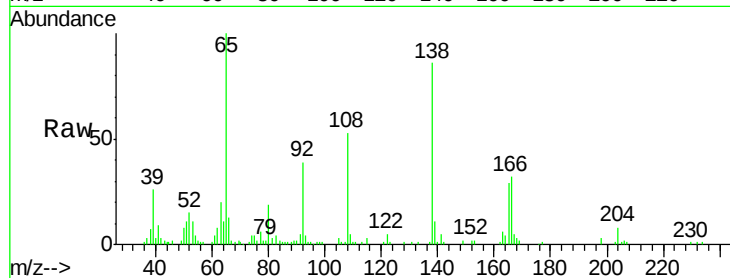
Tgt Ion:138 Resp: 156978

Ion Ratio Lower Upper

138 100

92 45.0 30.2 70.2

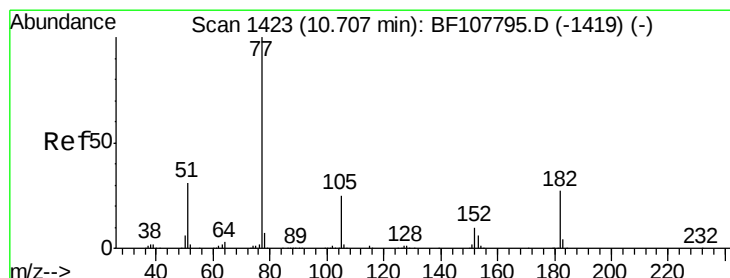
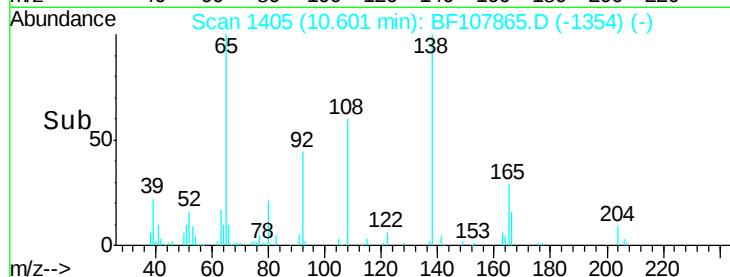
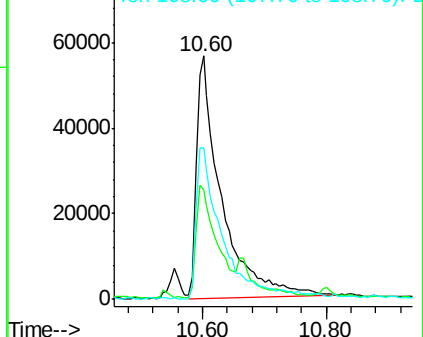
108 62.0 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 31.051 ng

RT: 10.70 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Tgt Ion: 77 Resp: 699473

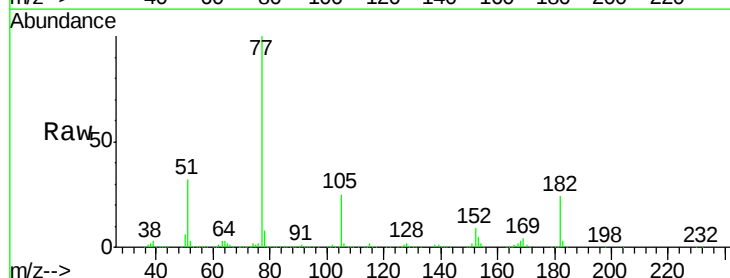
Ion Ratio Lower Upper

77 100

182 24.4 1.7 41.7

105 24.9 3.0 43.0

51 32.3 9.9 49.9

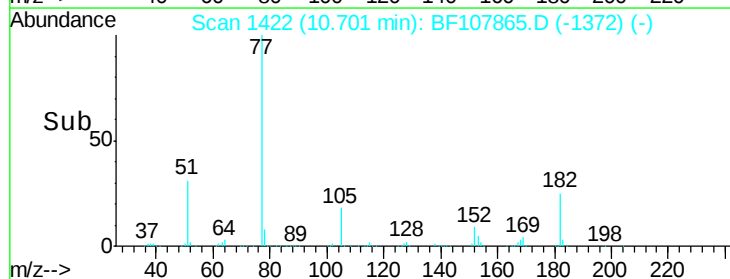
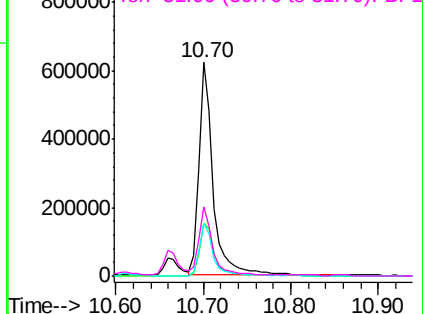


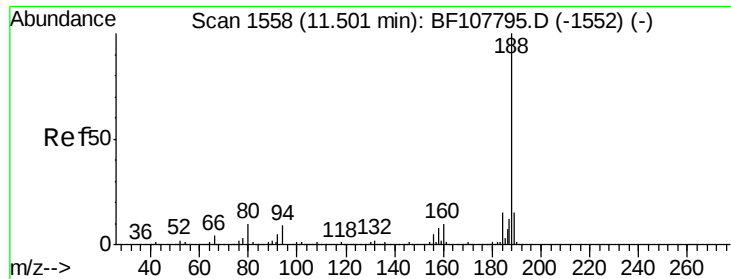
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

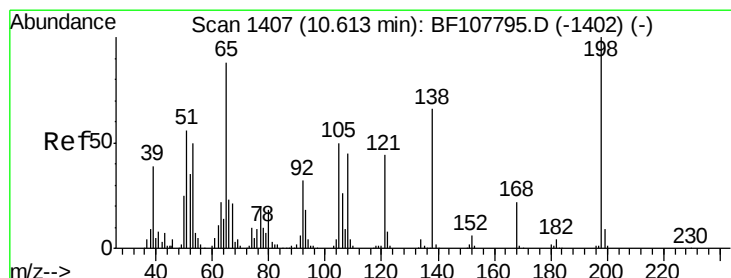
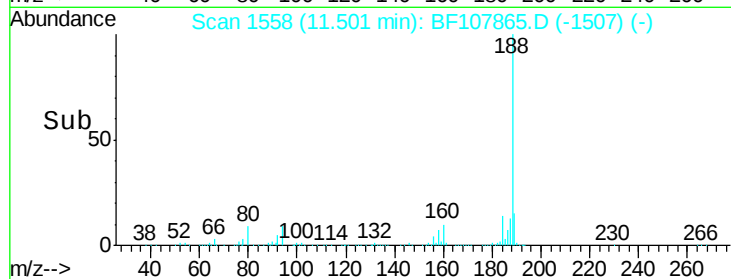
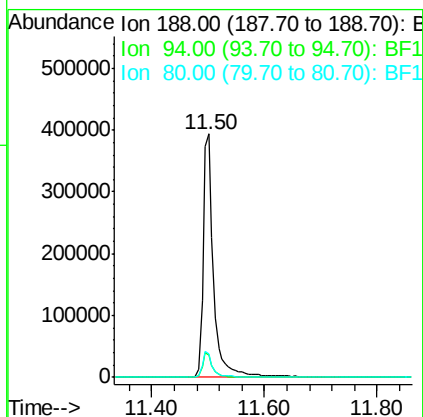
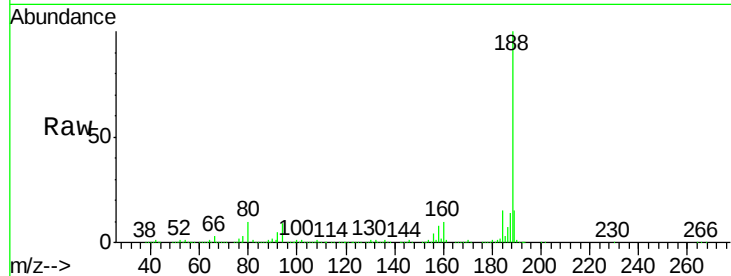




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

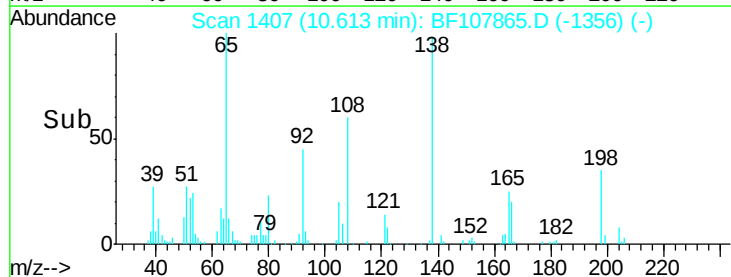
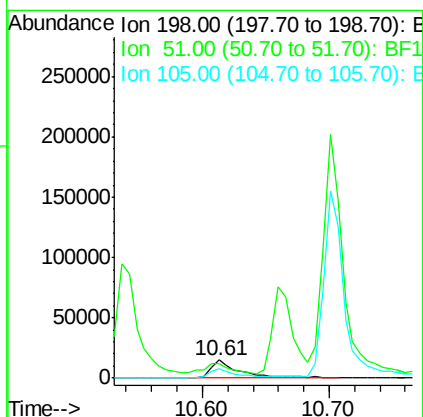
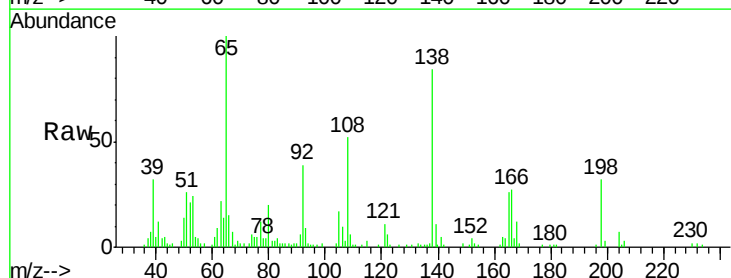
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

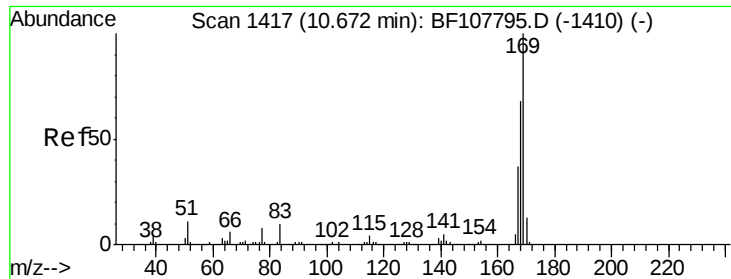
Tgt Ion:188 Resp: 512906
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 9.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.737 ng
RT: 10.61 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion:198 Resp: 24379
Ion Ratio Lower Upper
198 100
51 81.5 37.7 77.7#
105 53.4 36.3 76.3

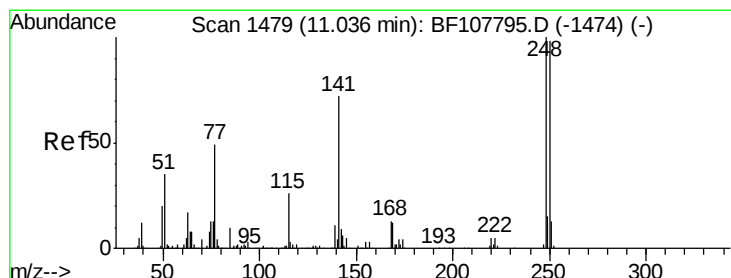
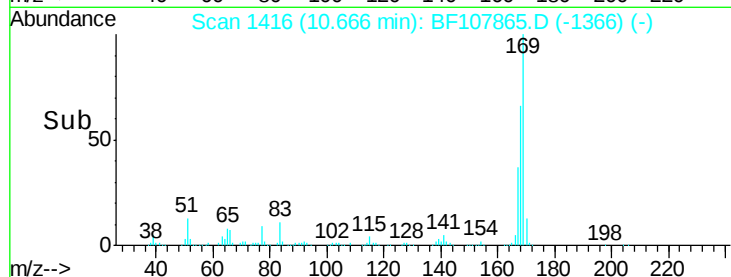
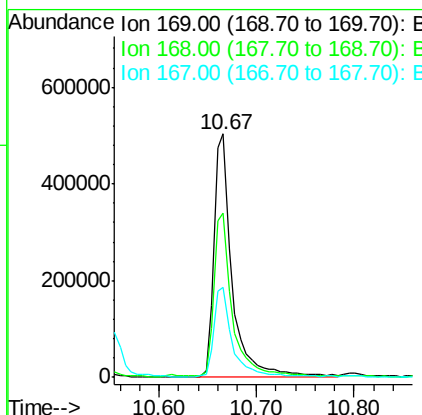
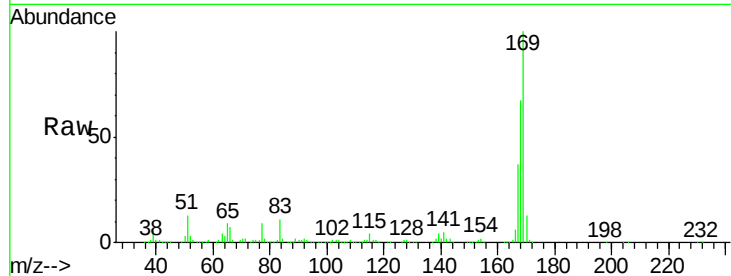




#65
 n-Nitrosodiphenylamine
 Concen: 38.562 ng
 RT: 10.67 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

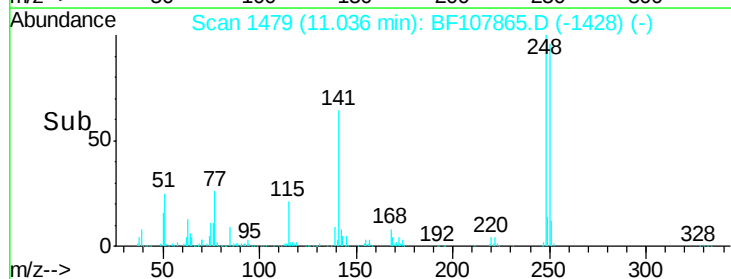
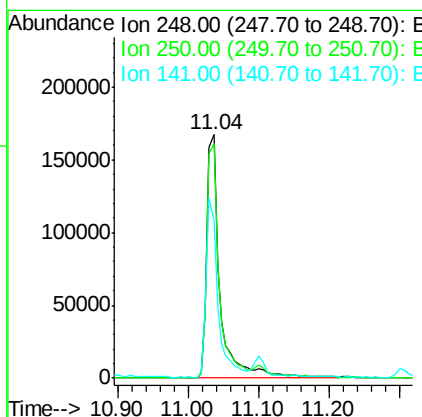
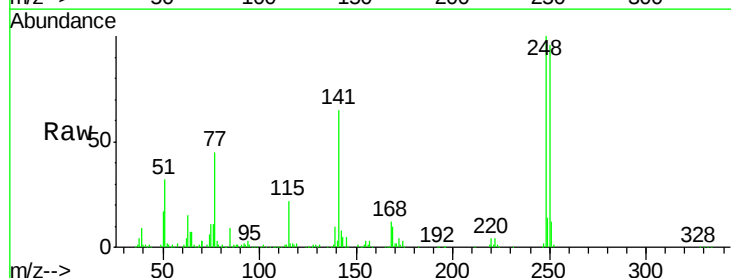
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMS

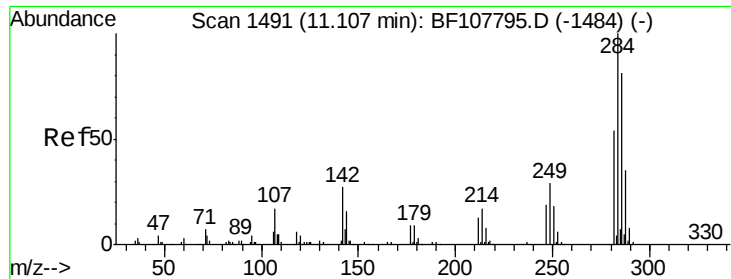
Tgt Ion:169 Resp: 651257
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.4 81.6
 167 37.2 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 36.588 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Tgt Ion:248 Resp: 218728
 Ion Ratio Lower Upper
 248 100
 250 96.4 76.9 115.3
 141 64.8 74.4 111.6#

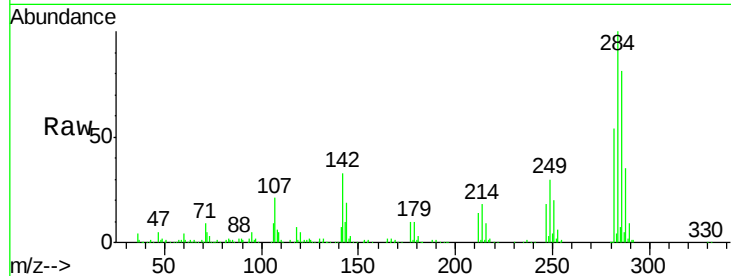




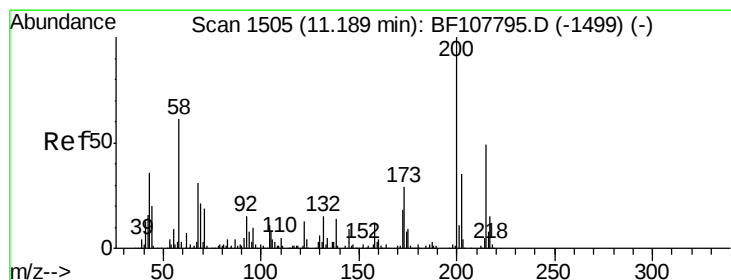
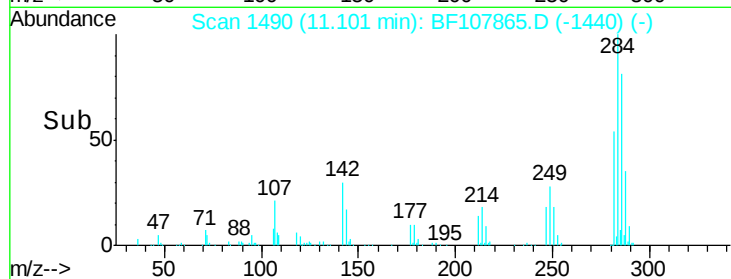
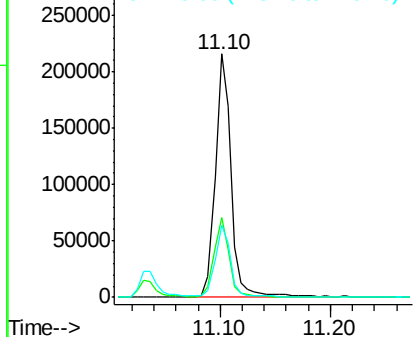
#67
Hexachlorobenzene
Concen: 32.193 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

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

Tgt Ion:284 Resp: 213415
Ion Ratio Lower Upper
284 100
142 33.0 34.6 52.0#
249 29.7 24.8 37.2

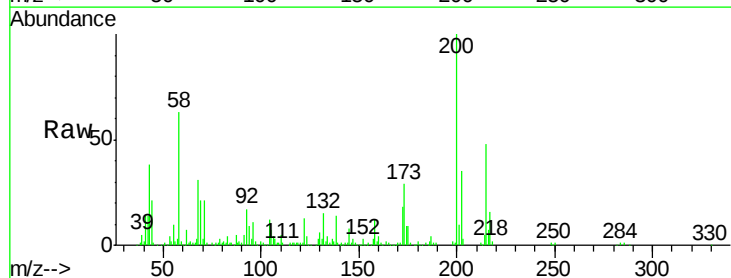


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

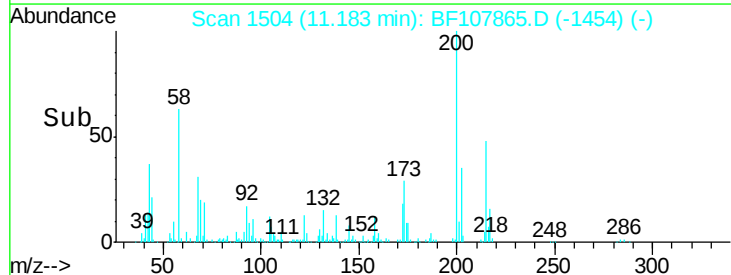
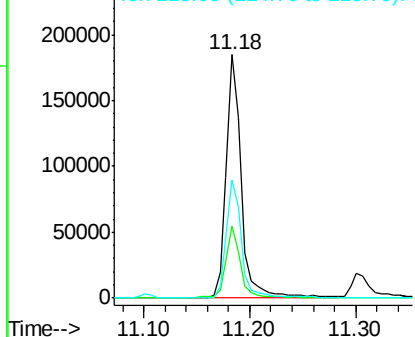


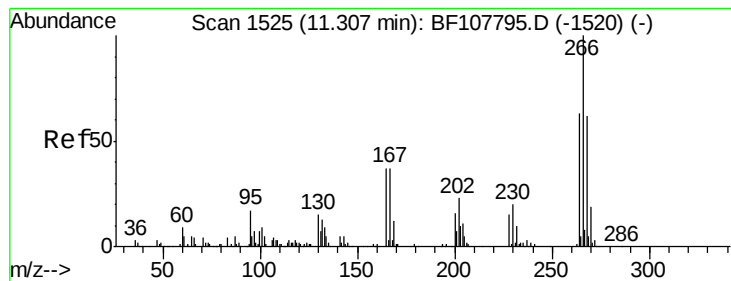
#68
Atrazine
Concen: 36.951 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion:200 Resp: 184697
Ion Ratio Lower Upper
200 100
173 29.4 8.6 48.6
215 48.3 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: 46.130 ng

RT: 11.31 min Scan# 1525

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMS

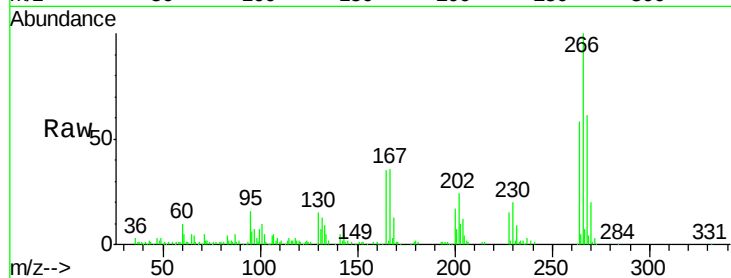
Tgt Ion:266 Resp: 150540

Ion Ratio Lower Upper

266 100

268 61.1 51.1 76.7

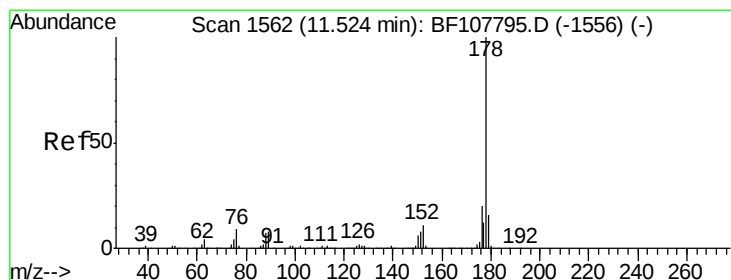
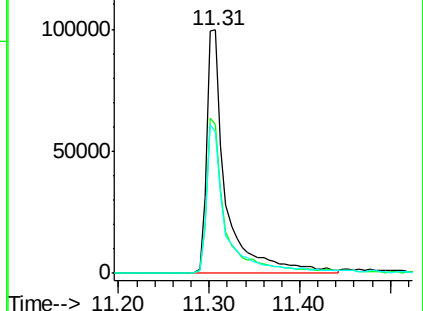
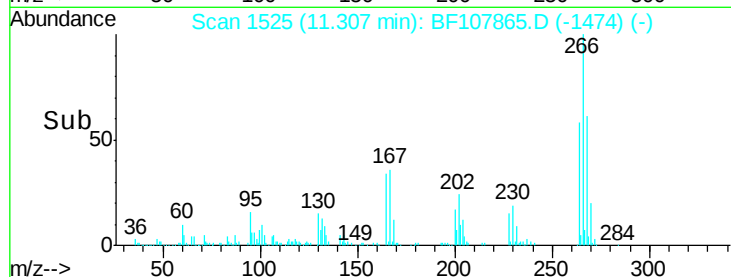
264 58.2 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 38.930 ng

RT: 11.52 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

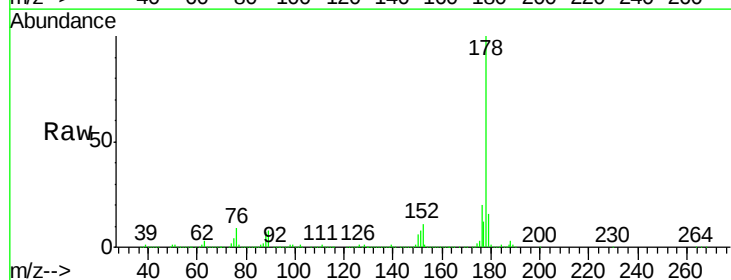
Tgt Ion:178 Resp: 948109

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

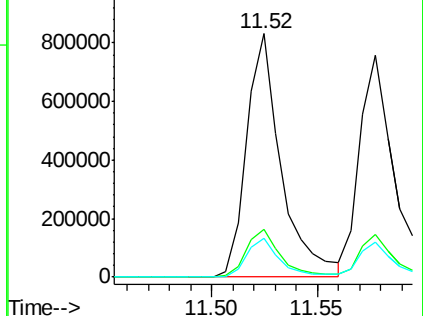
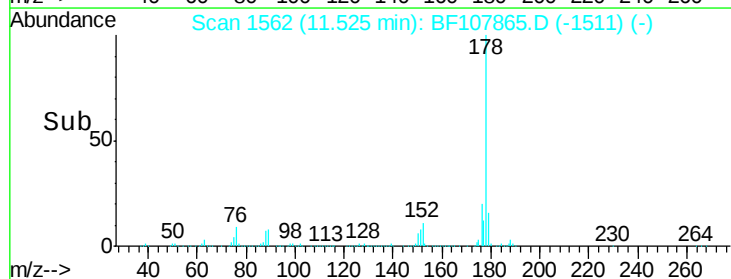
179 15.9 13.0 19.6

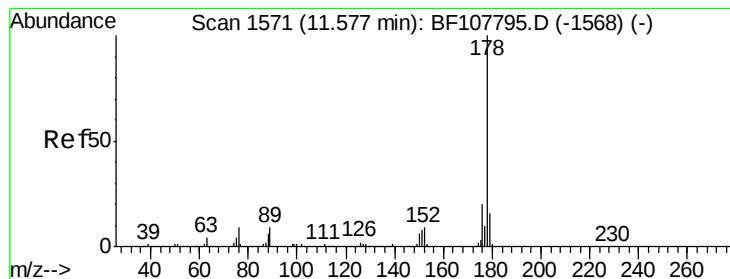


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 35.693 ng

RT: 11.58 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMS

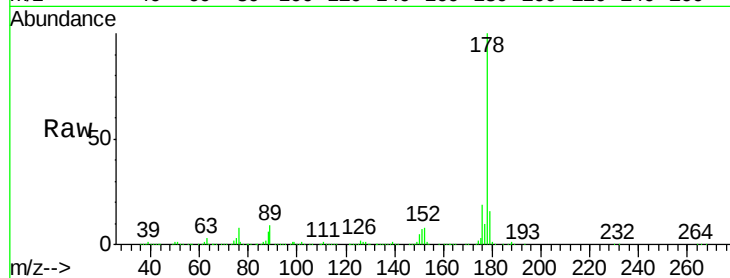
Tgt Ion:178 Resp: 1002640

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

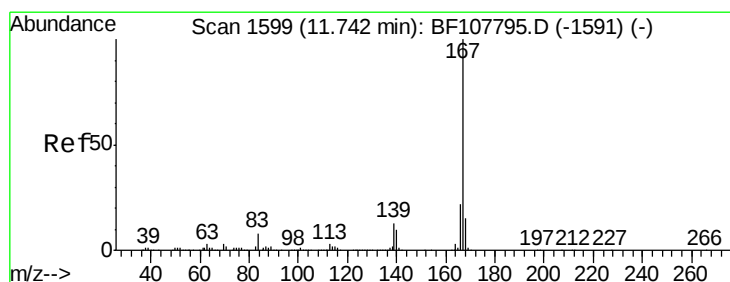
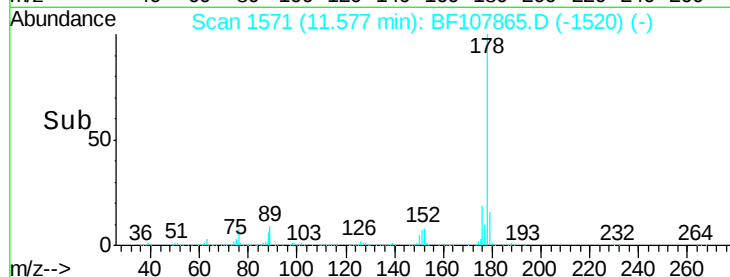
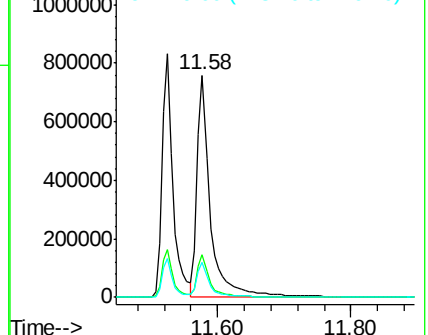
179 15.8 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 31.451 ng

RT: 11.74 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

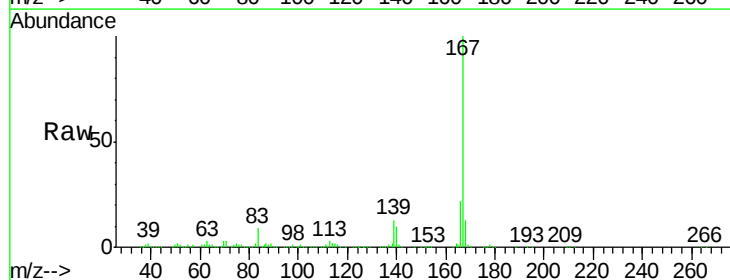
Tgt Ion:167 Resp: 873092

Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

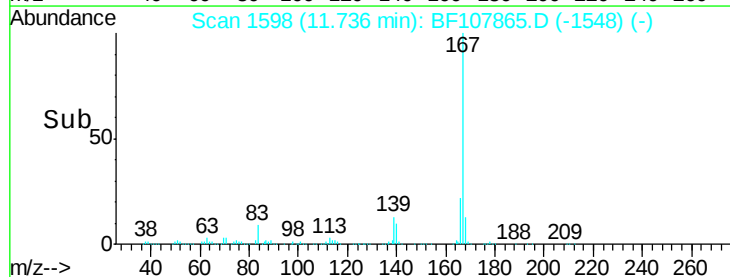
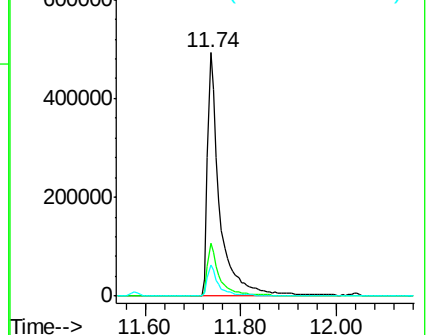
139 12.7 10.9 16.3

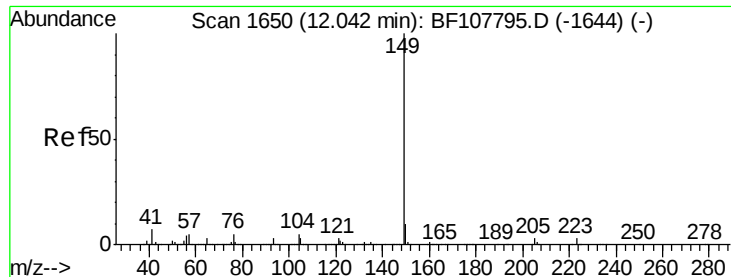


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.459 ng

RT: 12.04 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMS

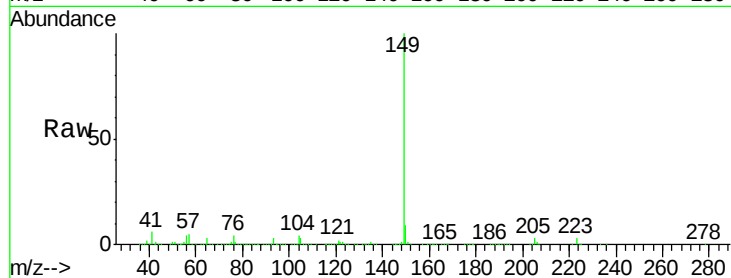
Tgt Ion:149 Resp: 1073895

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

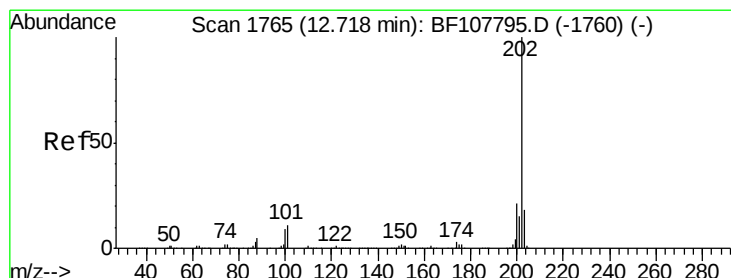
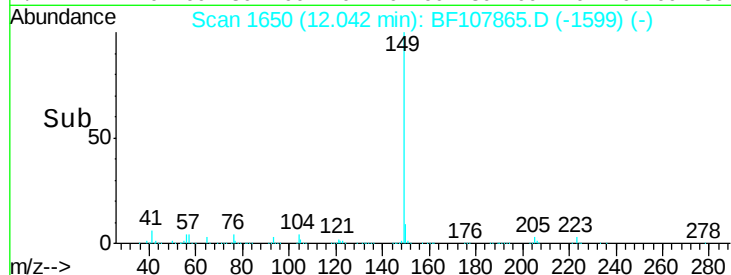
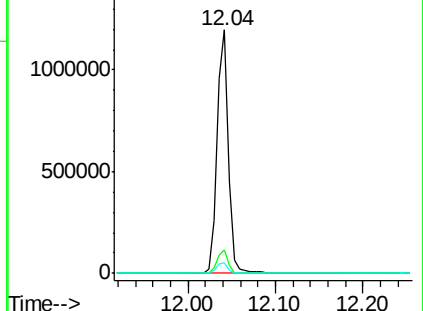
104 4.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.987 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

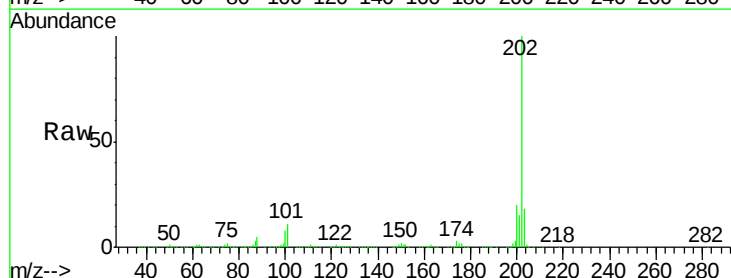
Tgt Ion:202 Resp: 972413

Ion Ratio Lower Upper

202 100

101 11.4 0.0 34.1

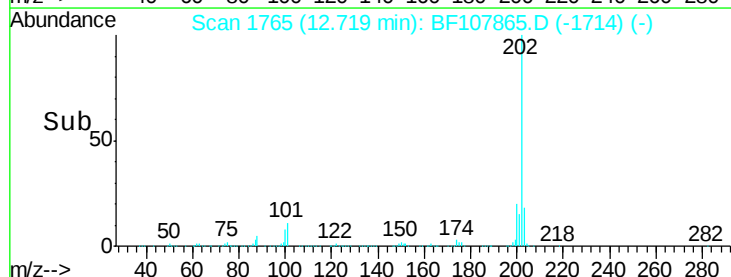
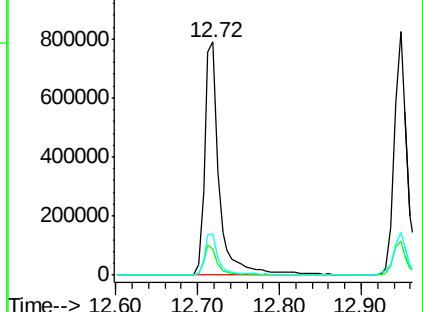
203 17.6 0.0 38.1

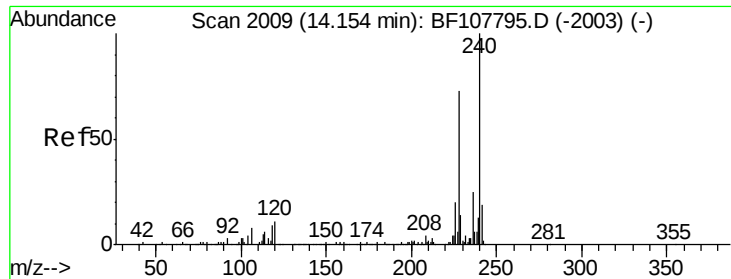


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMS

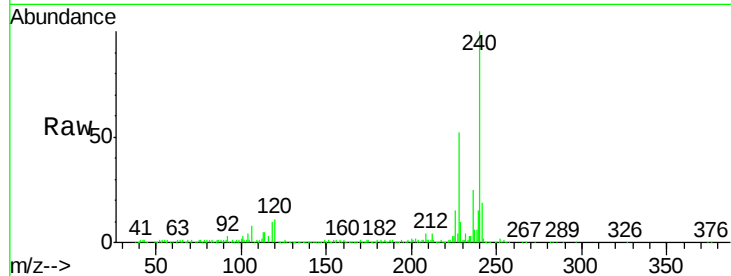
Tgt Ion:240 Resp: 397148

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

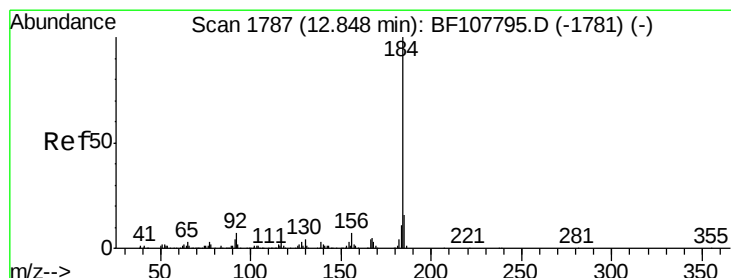
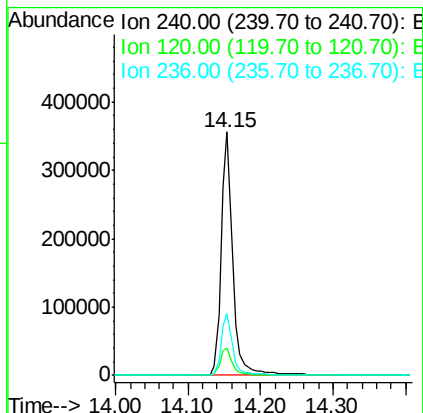
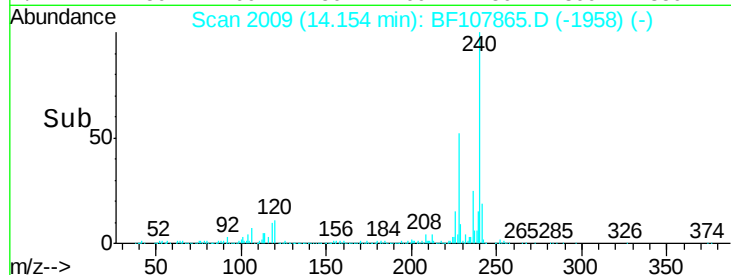
236 25.2 20.7 31.1



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: 44.190 ng

RT: 12.85 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

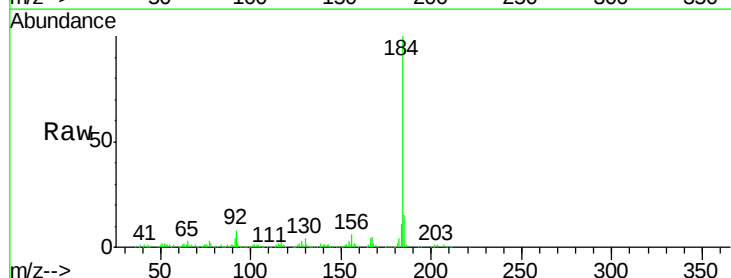
Tgt Ion:184 Resp: 567437

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

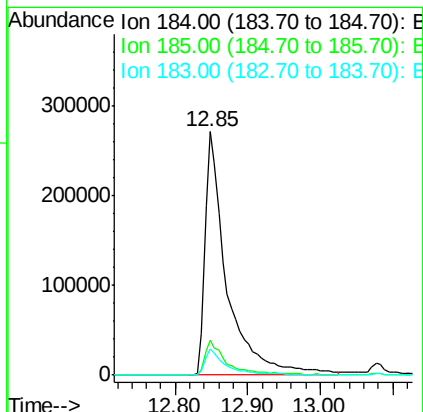
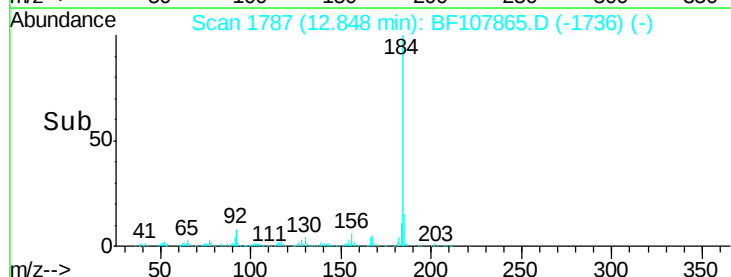
183 10.9 9.3 13.9

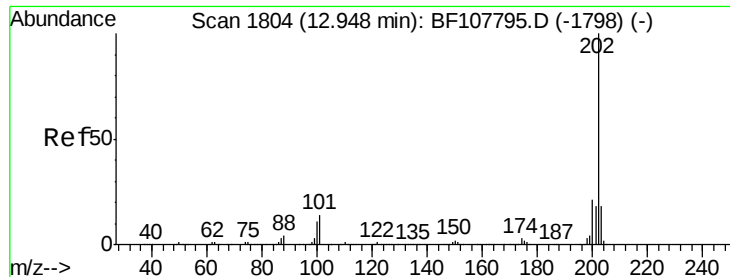


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

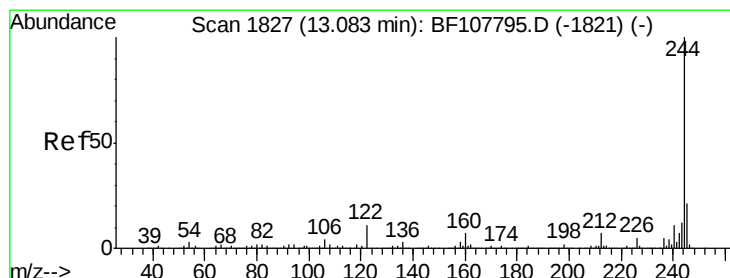
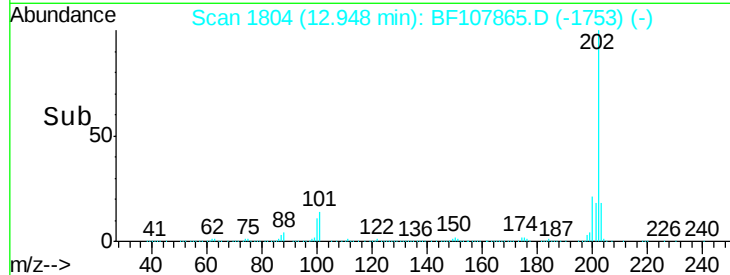
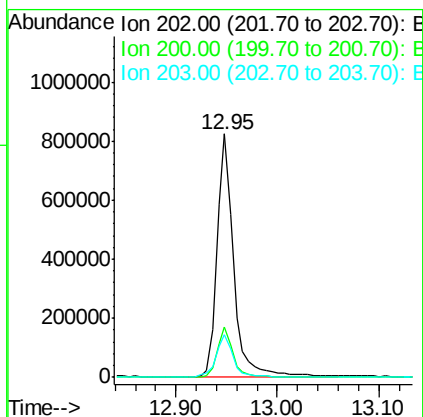
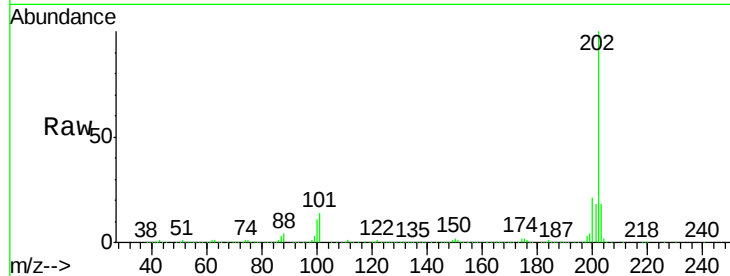




#77
 Pyrene
 Concen: 32.624 ng
 RT: 12.95 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

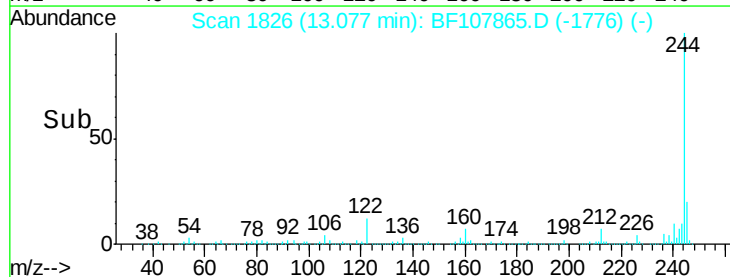
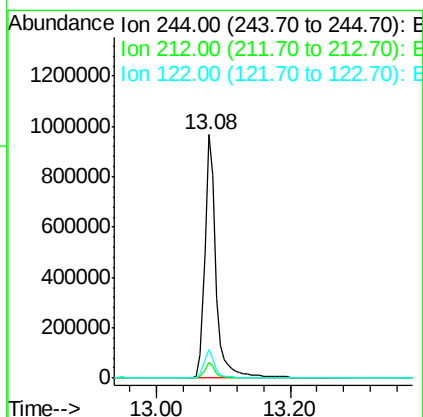
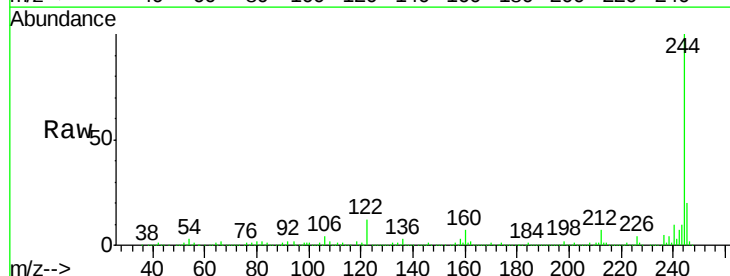
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMS

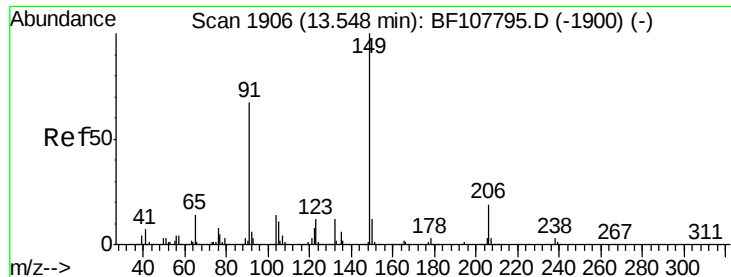
Tgt Ion: 202 Resp: 932981
 Ion Ratio Lower Upper
 202 100
 200 20.5 17.4 26.2
 203 17.7 14.3 21.5



#78
 Terphenyl-d14
 Concen: 61.226 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Tgt Ion: 244 Resp: 1121351
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 11.6 11.0 16.4

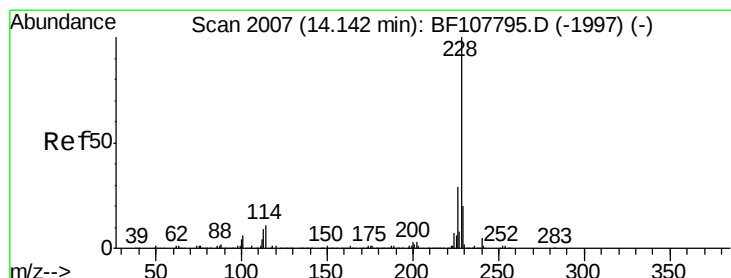
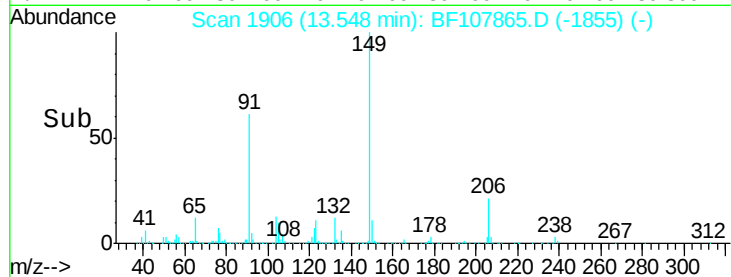
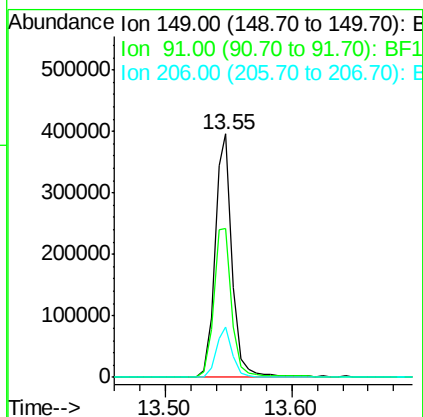
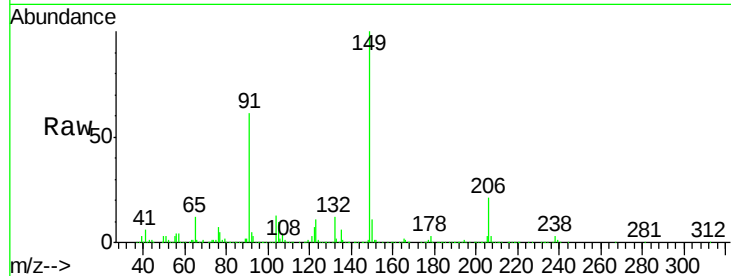




#79
Butylbenzylphthalate
Concen: 30.024 ng
RT: 13.55 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

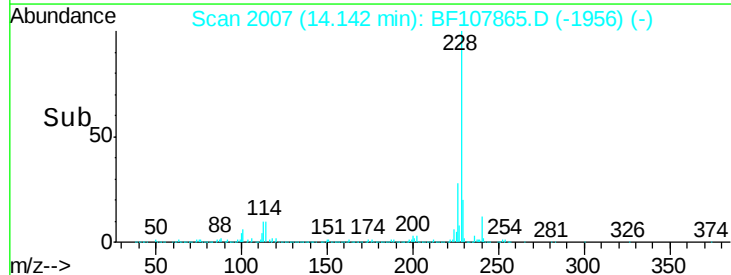
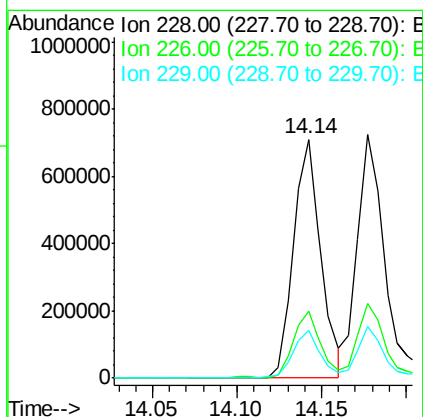
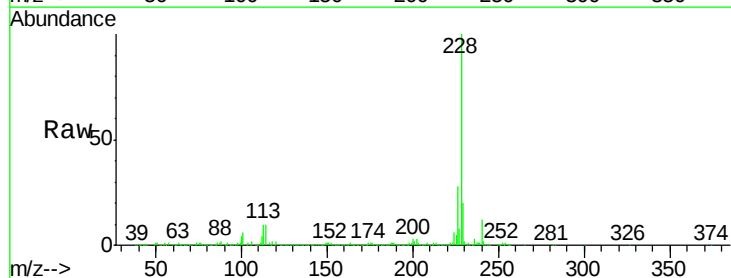
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

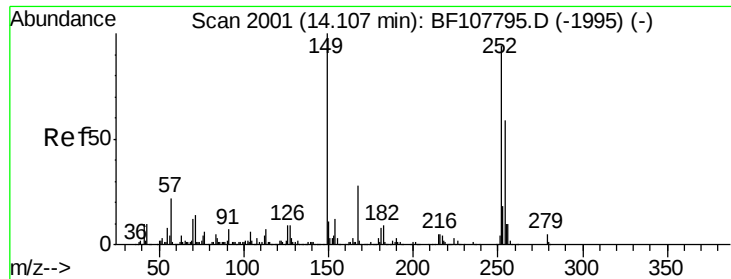
Tgt Ion:149 Resp: 376007
Ion Ratio Lower Upper
149 100
91 61.2 56.8 85.2
206 20.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 35.633 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion:228 Resp: 801644
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.2 15.8 23.6

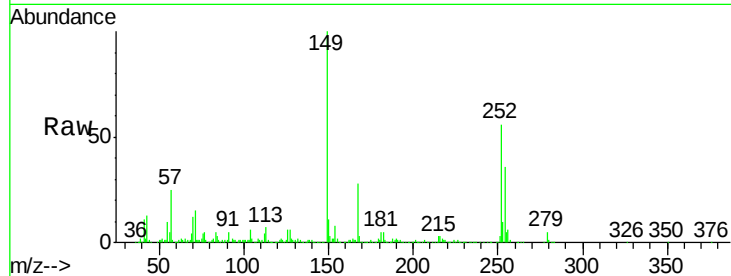




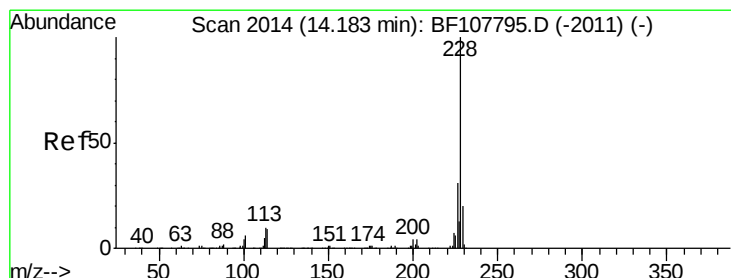
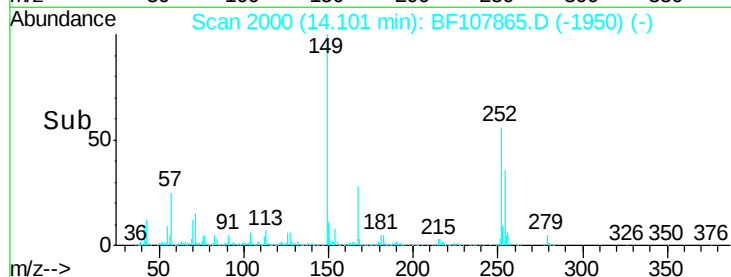
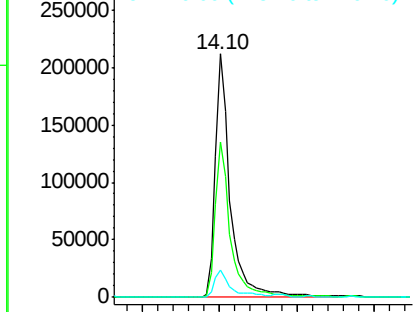
#81
 3,3'-Dichlorobenzidine
 Concen: 32.587 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

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

Tgt Ion: 252 Resp: 284184
 Ion Ratio Lower Upper
 252 100
 254 63.8 50.4 75.6
 126 11.0 11.3 16.9#

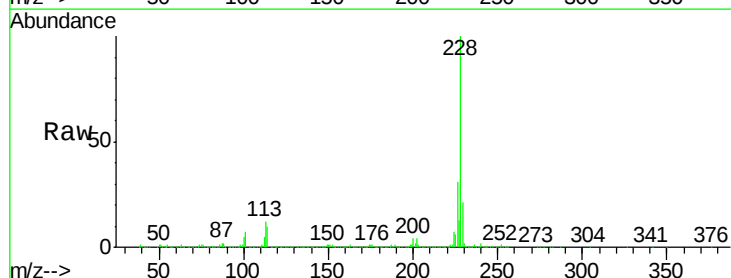


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

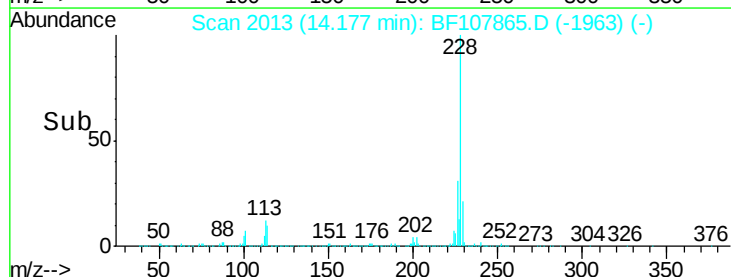
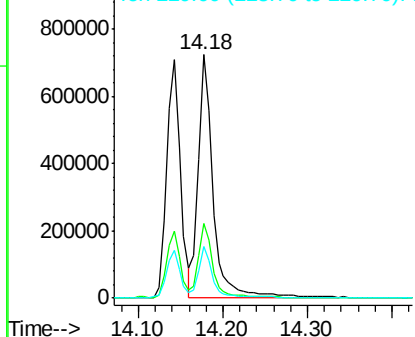


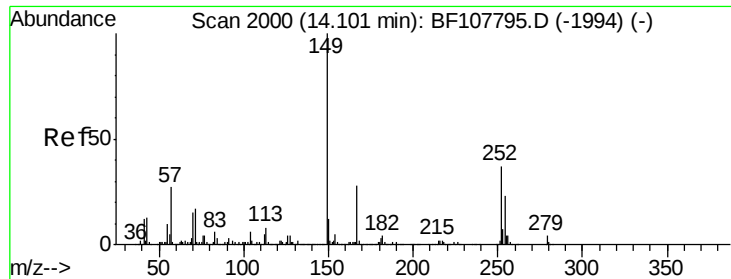
#82
 Chrysene
 Concen: 35.852 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Tgt Ion: 228 Resp: 869949
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 21.1 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

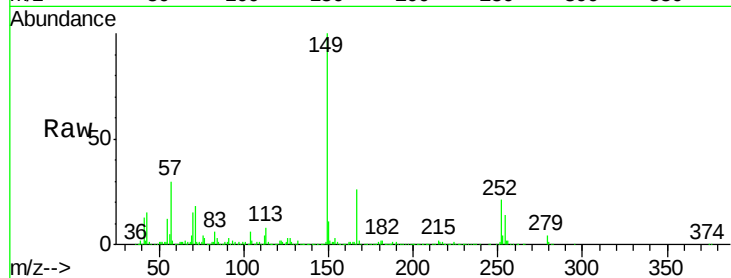




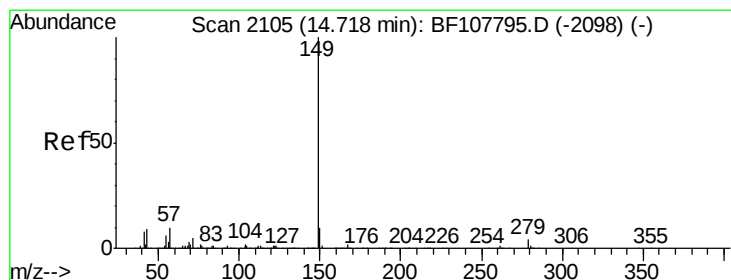
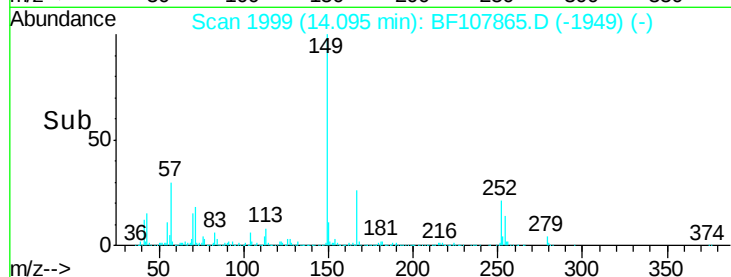
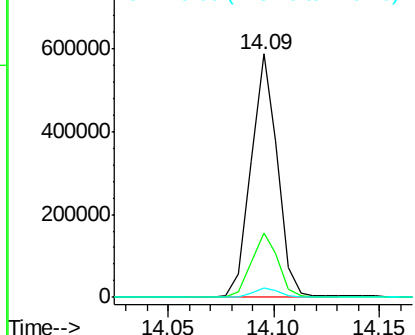
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.271 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

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

Tgt Ion:149 Resp: 508071
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.3 31.9
 279 3.6 3.0 4.4

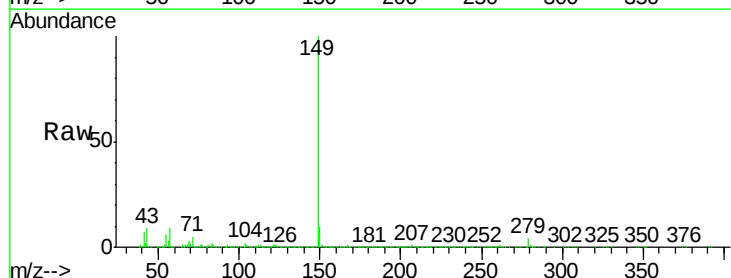


Abundance Ion 149.00 (148.70 to 149.70): E
 800000 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

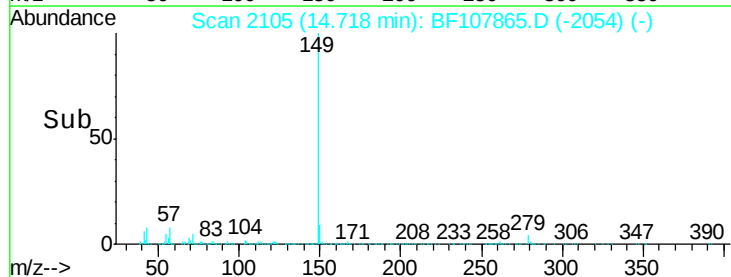
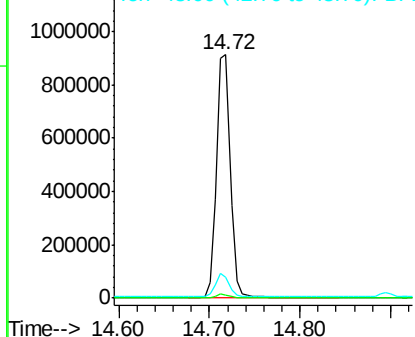


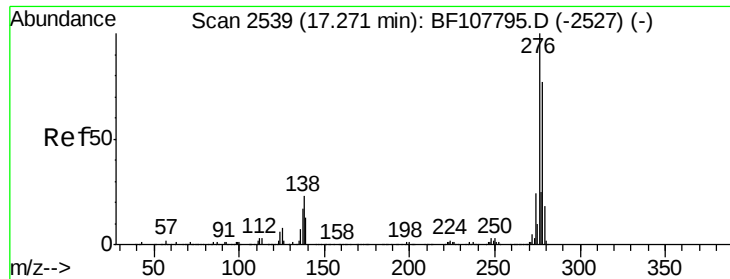
#84
 Di-n-octyl phthalate
 Concen: 37.797 ng
 RT: 14.72 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Tgt Ion:149 Resp: 955130
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.3 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 1200000 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: 34.255 ng

RT: 17.27 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMS

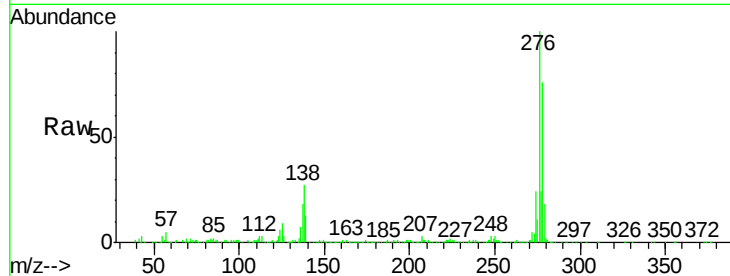
Tgt Ion:276 Resp: 632240

Ion Ratio Lower Upper

276 100

138 26.2 25.0 37.6

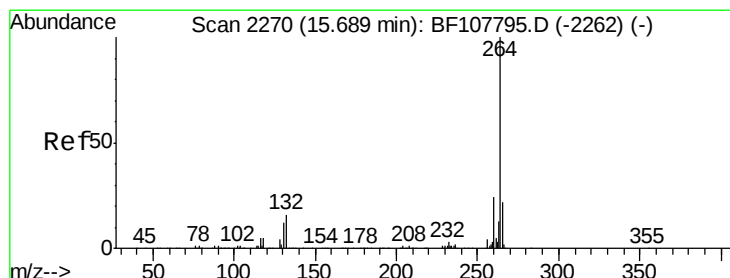
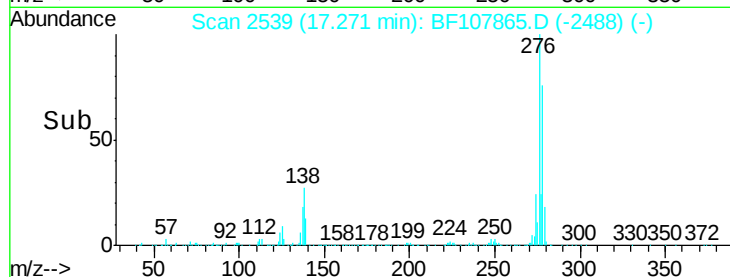
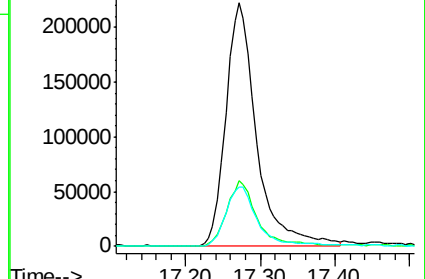
277 24.9 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

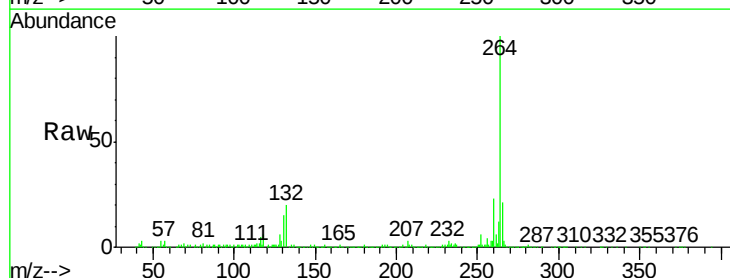
Tgt Ion:264 Resp: 409807

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

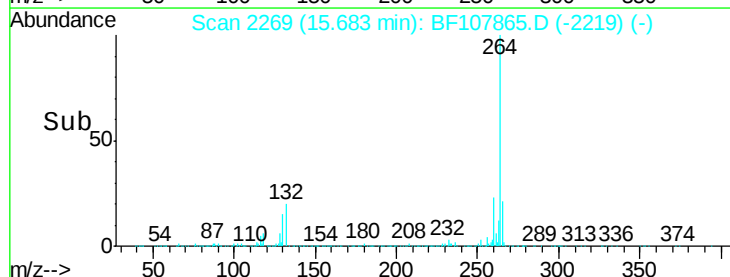
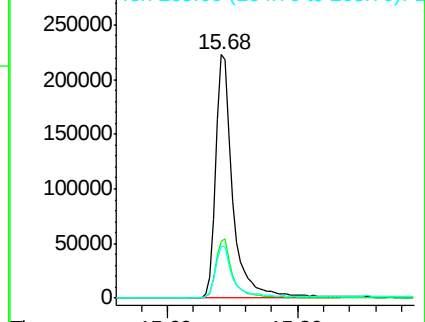
265 21.1 17.5 26.3

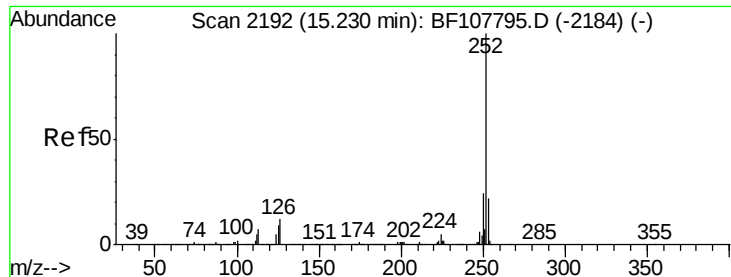


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.797 ng

RT: 15.22 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMS

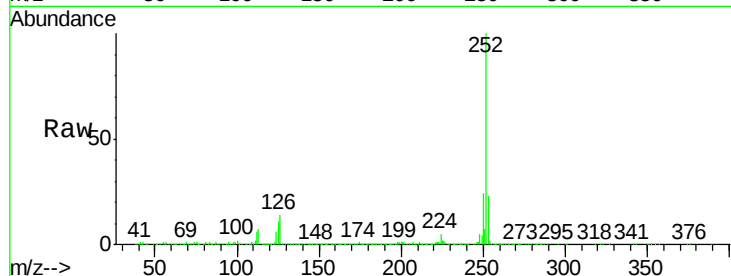
Tgt Ion:252 Resp: 763932

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

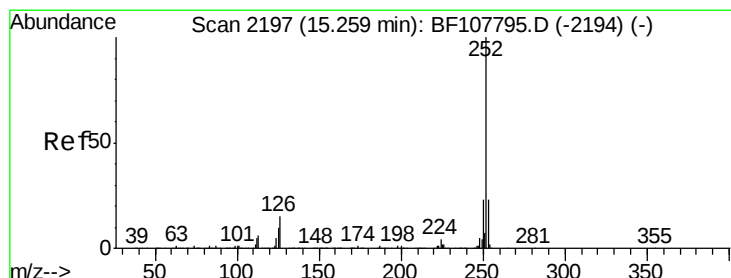
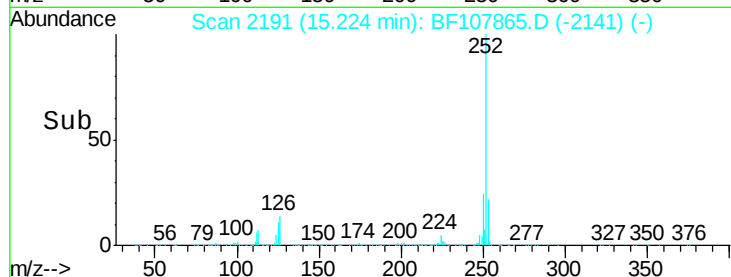
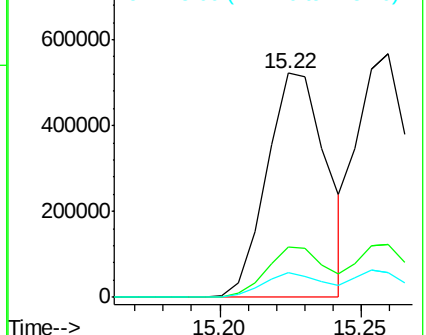
125 11.2 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 30.785 ng

RT: 15.22 min Scan# 2191

Delta R.T. -0.04 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

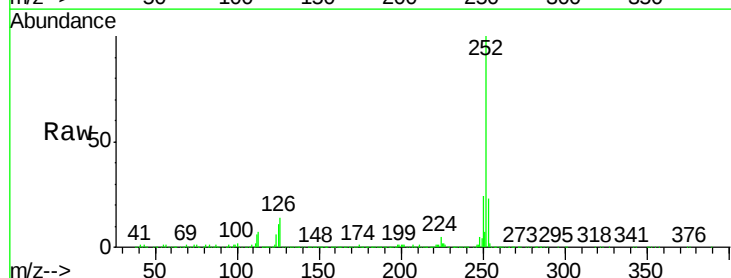
Tgt Ion:252 Resp: 763932

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

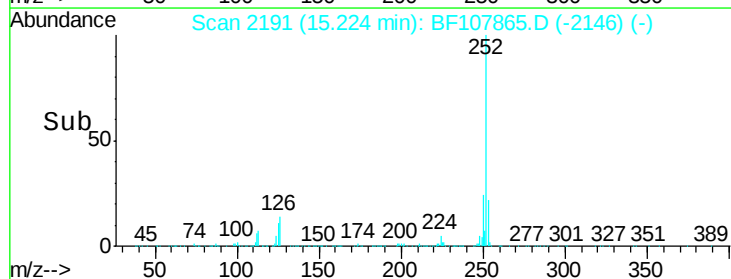
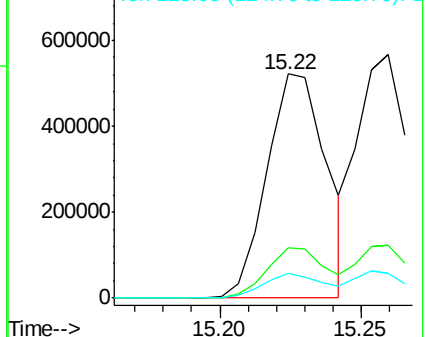
125 11.2 10.2 15.2

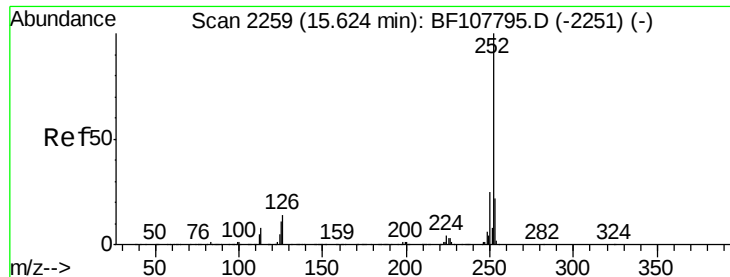


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 35.810 ng

RT: 15.62 min Scan# 2258

Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMS

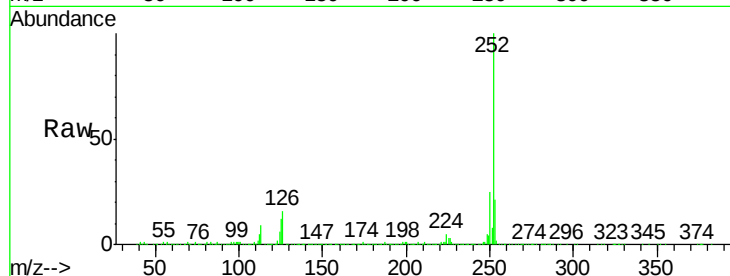
Tgt Ion: 252 Resp: 747185

Ion Ratio Lower Upper

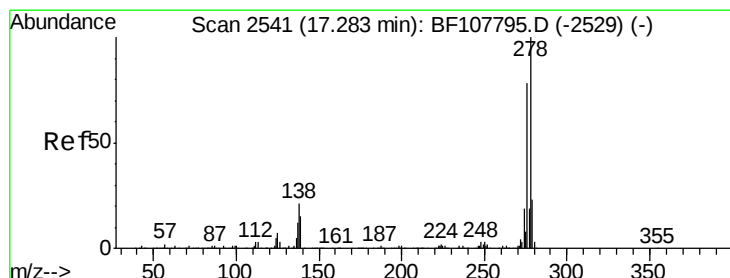
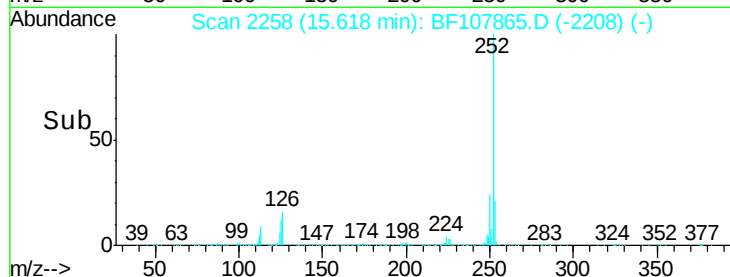
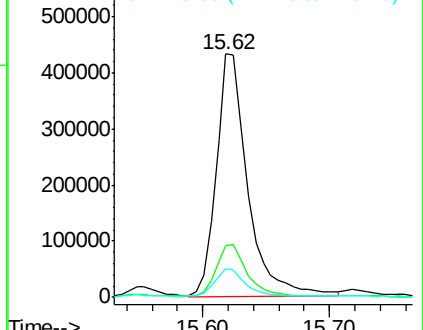
252 100

253 21.1 17.1 25.7

125 11.8 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 29.662 ng

RT: 17.28 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

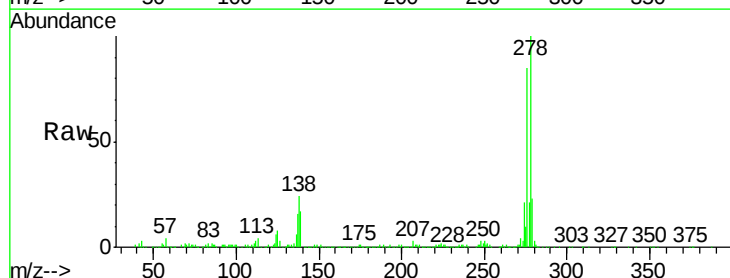
Tgt Ion: 278 Resp: 539861

Ion Ratio Lower Upper

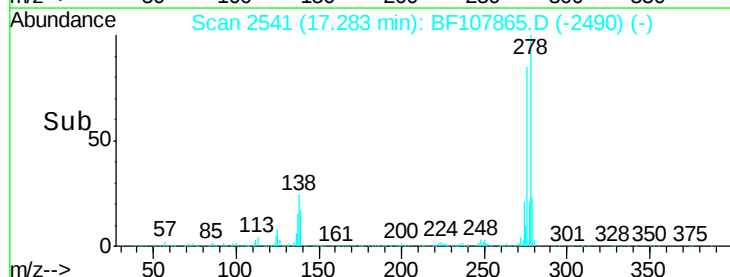
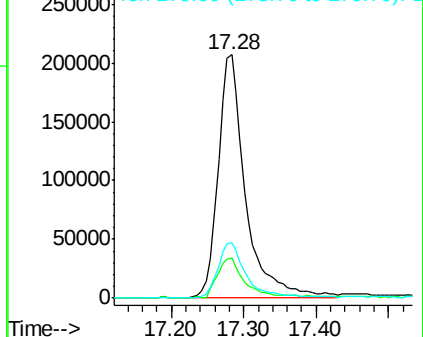
278 100

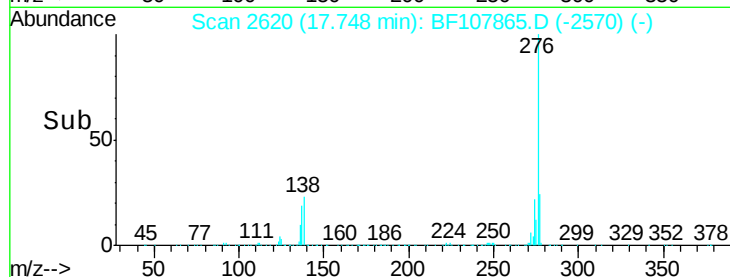
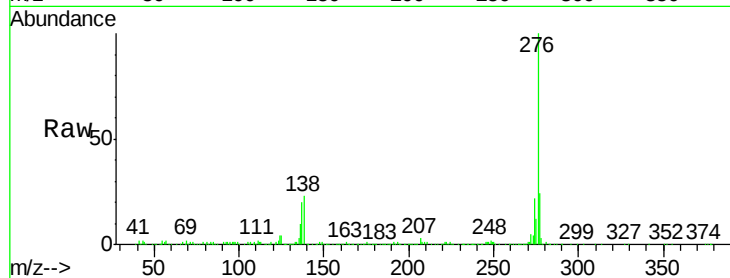
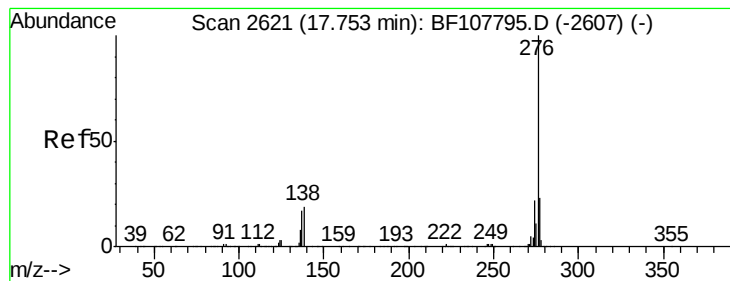
139 16.6 15.9 23.9

279 23.0 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: 28.745 ng

RT: 17.75 min Scan# 2620

Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMS

Tgt Ion:276 Resp: 506218

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 23.1 21.8 32.8

