

Data File : BF108904.D
Acq On : 10 Sep 2018 20:17
Operator : JU/SJ
Sample : J4836-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-025-AMSD

Quant Time: Sep 11 02:59:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	192209	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	679304	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	273050	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	439046	20.00	ng	0.00
75) Chrysene-d12	13.88	240	398967	20.00	ng	0.01
86) Perylene-d12	15.29	264	324810	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1356025	116.88	ng	0.02
7) Phenol-d6	6.38	99	1712792	114.74	ng	0.02
23) Nitrobenzene-d5	7.31	82	1067637	98.36	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	313716	120.35	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1610310	100.61	ng	0.00
78) Terphenyl-d14	12.83	244	1355275	79.21	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.48	88	182306	32.696	ng	93
3) Pyridine	3.19	79	532895	34.898	ng	90
4) n-Nitrosodimethylamine	3.12	42	234364	39.960	ng	# 92
6) Aniline	6.40	93	564349	28.108	ng	# 83
8) 2-Chlorophenol	6.53	128	467274	36.386	ng	96
9) Benzaldehyde	6.28	77	246069	23.235	ng	98
10) Phenol	6.40	94	584028	34.158	ng	80
11) bis(2-Chloroethyl)ether	6.48	93	481645	35.165	ng	98
12) 1,3-Dichlorobenzene	6.68	146	518841	35.404	ng	99
13) 1,4-Dichlorobenzene	6.76	146	522512	35.653	ng	98
14) 1,2-Dichlorobenzene	6.91	146	484606	35.875	ng	99
15) Benzyl Alcohol	6.88	79	419586	36.625	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	715010	34.922	ng	97
17) 2-Methylphenol	7.00	107	386695	35.631	ng	97
18) Hexachloroethane	7.25	117	153761	29.098	ng	96
19) n-Nitroso-di-n-propylamine	7.16	70	340380	32.803	ng	96
20) 3+4-Methylphenols	7.15	107	453760	35.692	ng	# 66
22) Acetophenone	7.15	105	620431	40.244	ng	# 91
24) Nitrobenzene	7.32	77	494681	42.474	ng	97
25) Isophorone	7.57	82	906109	41.849	ng	98
26) 2-Nitrophenol	7.64	139	185904	40.515	ng	97
27) 2,4-Dimethylphenol	7.68	122	412555	44.276	ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	587734	40.600	ng	99
29) 2,4-Dichlorophenol	7.88	162	372652	38.786	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	388568	37.317	ng	98
31) Naphthalene	8.05	128	1266825	41.451	ng	100
32) Benzoic acid	7.81	122	20297	7.461	ng	95
33) 4-Chloroaniline	8.09	127	371257	26.450	ng	99
34) Hexachlorobutadiene	8.17	225	234462	37.693	ng	99
36) 4-Chloro-3-methylphenol	8.58	107	370107	36.160	ng	99
37) 2-Methylnaphthalene	8.74	142	809438	40.090	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	363298	44.510	ng	98
40) Hexachlorocyclopentadiene	8.90	237	55754	13.578	ng	95
42) 2,4,6-Trichlorophenol	9.01	196	237021	42.633	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	246019	42.691	ng	94
45) 1,1'-Biphenyl	9.20	154	917146	43.630	ng	98
46) 2-Chloronaphthalene	9.22	162	697921	41.052	ng	97
47) 2-Nitroaniline	9.31	65	230637	49.659	ng	98
48) Acenaphthylene	9.64	152	1084327	42.789	ng	100
49) Dimethylphthalate	9.50	163	1201710	62.923	ng	# 99
50) 2,6-Dinitrotoluene	9.55	165	160886	44.210	ng	96
51) Acenaphthene	9.81	154	615113	39.225	ng	98
52) 3-Nitroaniline	9.72	138	194590	44.920	ng	94
53) 2,4-Dinitrophenol	9.82	184	6407	13.535	ng	# 22
54) Dibenzofuran	9.98	168	893517	39.089	ng	99
55) 4-Nitrophenol	9.88	139	243487	75.186	ng	99
56) 2,4-Dinitrotoluene	9.95	165	184801	39.709	ng	# 95
57) Fluorene	10.32	166	630831	43.004	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	177397	38.172	ng	# 87
59) Diethylphthalate	10.20	149	807401	40.967	ng	97
60) 4-Chlorophenyl-phenylether	10.31	204	318238	40.621	ng	94
61) 4-Nitroaniline	10.32	138	170614	43.476	ng	98
62) Azobenzene	10.47	77	740608	36.405	ng	95
64) 4,6-Dinitro-2-methylphenol	10.37	198	6946	10.316	ng	84
65) n-Nitrosodiphenylamine	10.43	169	630479	43.191	ng	95
66) 4-Bromophenyl-phenylether	10.80	248	203526	41.043	ng	# 85
67) Hexachlorobenzene	10.87	284	205089	38.743	ng	# 89
68) Atrazine	10.95	200	200280	42.859	ng	98
69) Pentachlorophenol	11.06	266	213385	65.934	ng	99
70) Phenanthrene	11.28	178	896540	42.761	ng	98
71) Anthracene	11.32	178	925690	46.113	ng	99
72) Carbazole	11.48	167	850498	40.230	ng	99
73) Di-n-butylphthalate	11.82	149	1056161	44.988	ng	100
74) Fluoranthene	12.46	202	1003673	48.349	ng	97
76) Benzidine	12.58	184	936584	49.530	ng	98
77) Pyrene	12.68	202	1023471	33.338	ng	99
79) Butylbenzylphthalate	13.31	149	472041	34.144	ng	96
80) Benzo(a)anthracene	13.87	228	959639	37.526	ng	100
81) 3,3'-Dichlorobenzidine	13.83	252	403422	40.491	ng	97
82) Chrysene	13.91	228	934323	37.741	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	610046	35.113	ng	100
84) Di-n-octyl phthalate	14.48	149	1205813	41.629	ng	99
85) Indeno(1,2,3-cd)pyrene	16.65	276	644302	29.408	ng	95
87) Benzo(b)fluoranthene	14.89	252	795742	45.055	ng	97
88) Benzo(k)fluoranthene	14.91	252	724327	44.534	ng	98
89) Benzo(a)pyrene	15.23	252	666406	41.817	ng	98
90) Dibenzo(a,h)anthracene	16.67	278	539707	38.434	ng	97
91) Benzo(g,h,i)perylene	17.06	276	532721	37.889	ng	94

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

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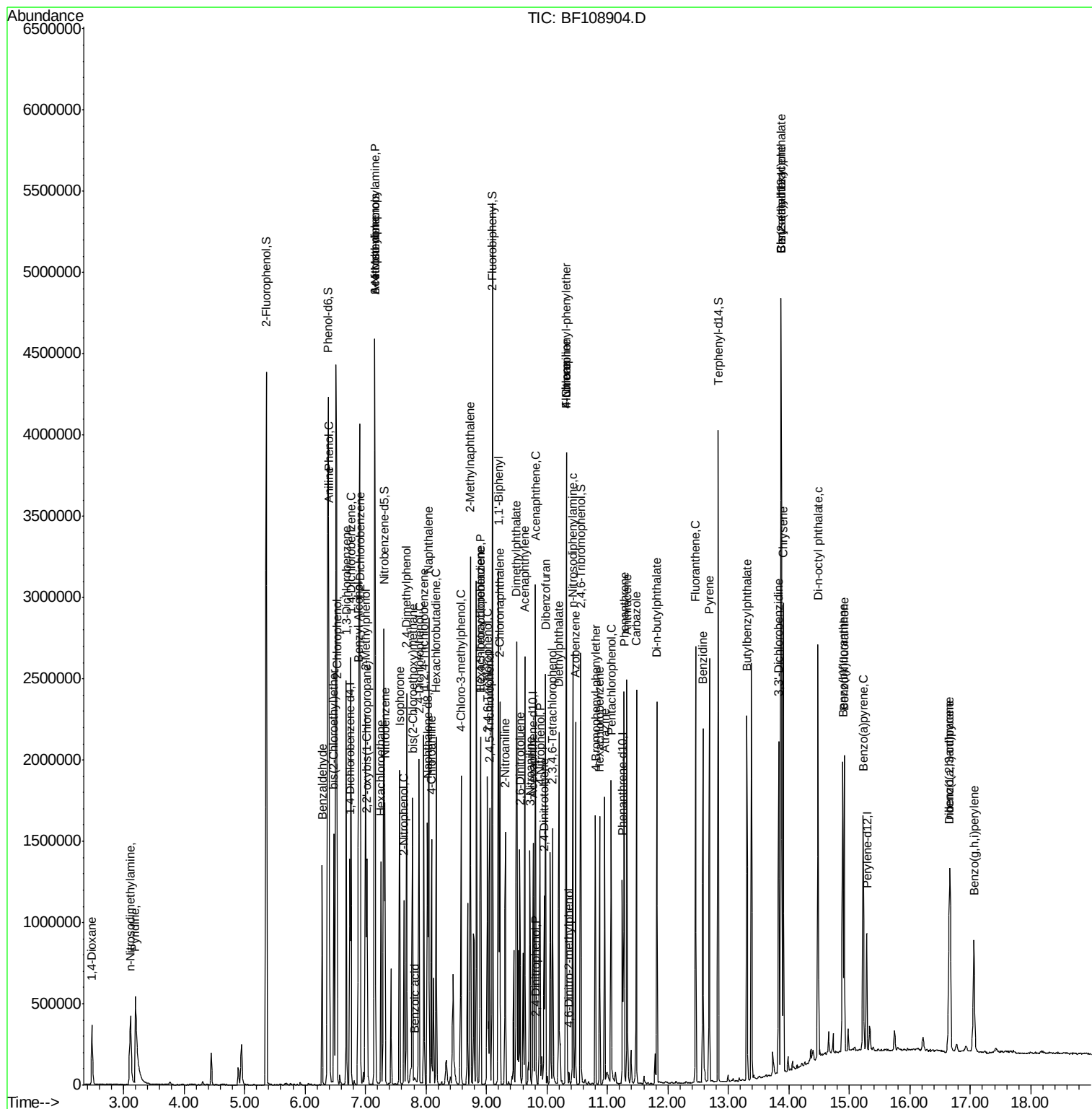
Quant Time: Sep 11 02:59:23 2018

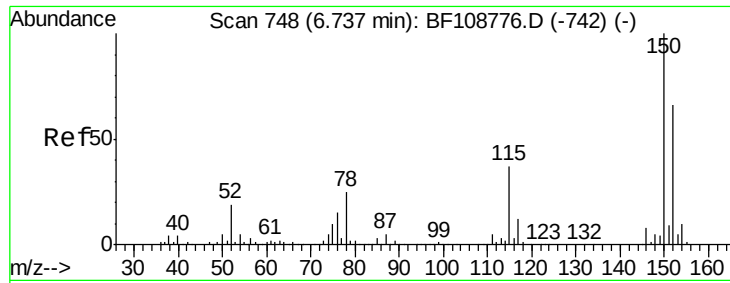
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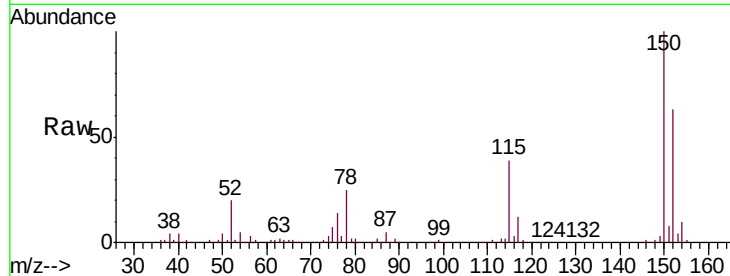




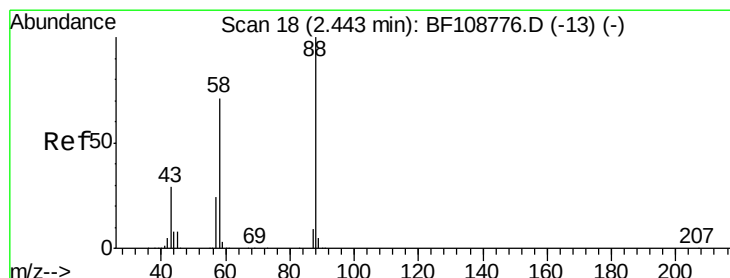
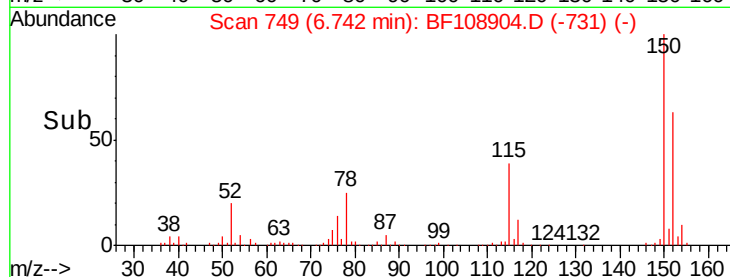
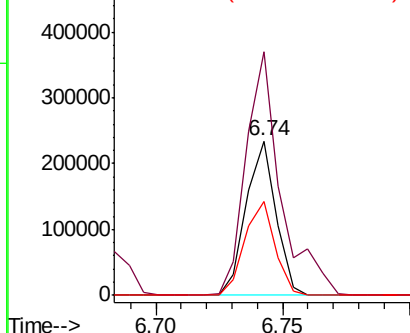
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF108904.D
 Acq: 10 Sep 2018 20:17

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 FK-GF-02-025-AMSD

Tgt Ion:152 Resp: 192209
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.6 186.8
 115 60.9 50.1 75.1

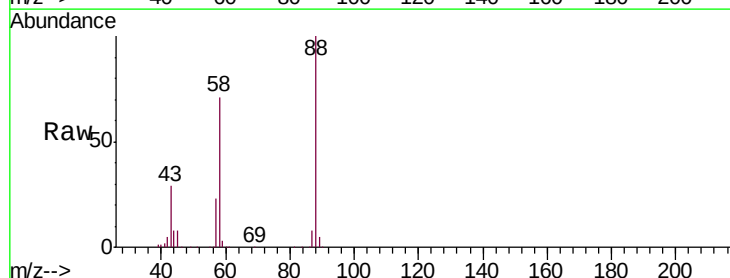


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

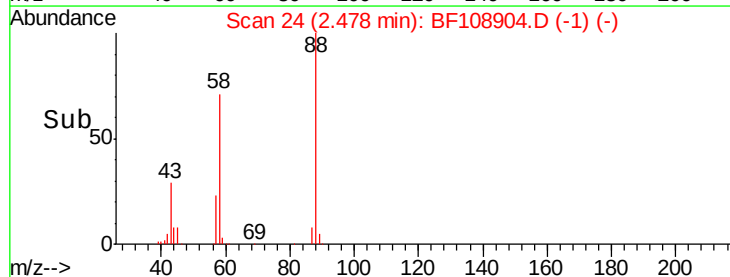
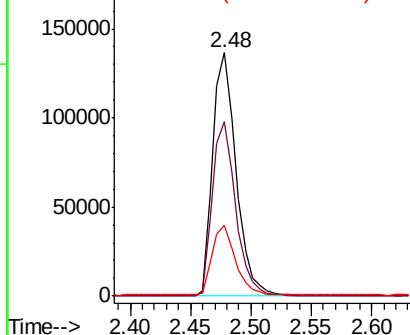


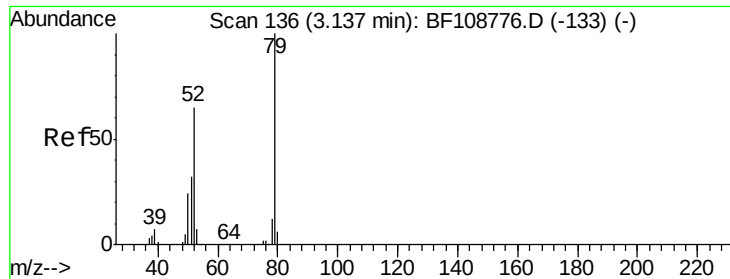
#2
 1,4-Dioxane
 Concen: 32.696 ng
 RT: 2.48 min Scan# 24
 Delta R.T. 0.04 min
 Lab File: BF108904.D
 Acq: 10 Sep 2018 20:17

Tgt Ion: 88 Resp: 182306
 Ion Ratio Lower Upper
 88 100
 58 71.5 62.6 93.8
 43 28.3 24.6 37.0



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

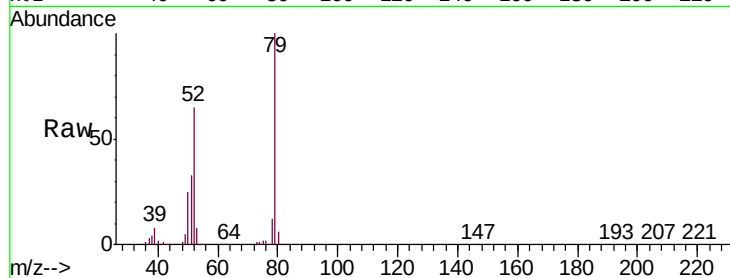




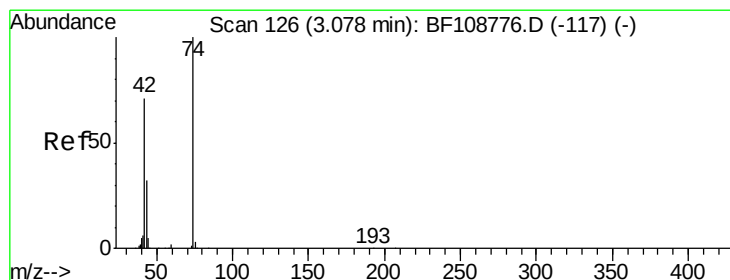
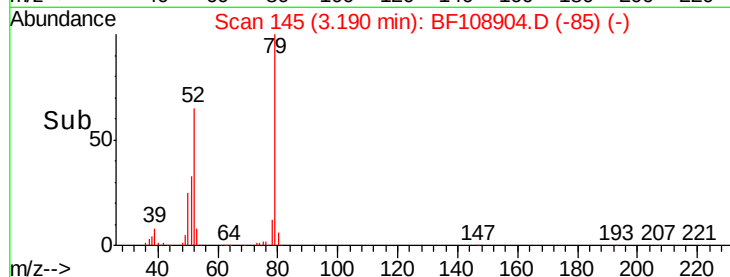
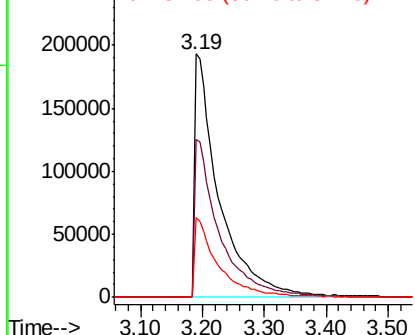
#3
 Pyridine
 Concen: 34.898 ng
 RT: 3.19 min Scan# 145
 Delta R.T. 0.05 min
 Lab File: BF108904.D
 Acq: 10 Sep 2018 20:17

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Tgt Ion: 79 Resp: 532895
 Ion Ratio Lower Upper
 79 100
 52 65.0 59.8 89.6
 51 32.7 29.8 44.8

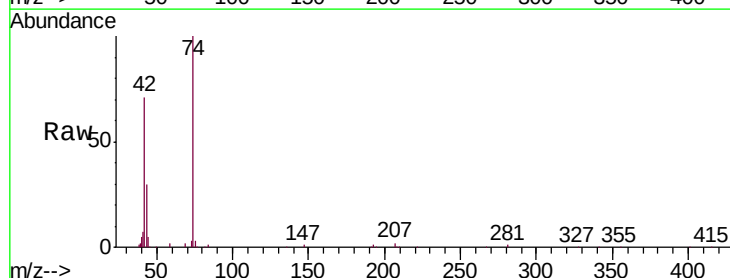


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

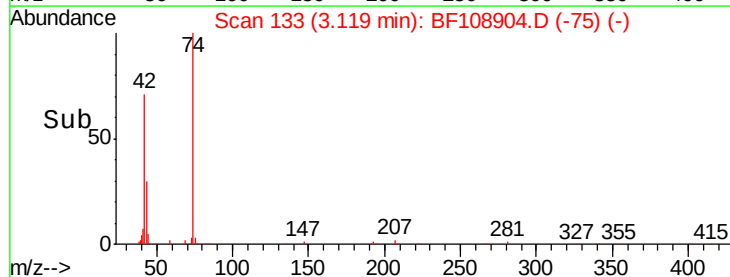
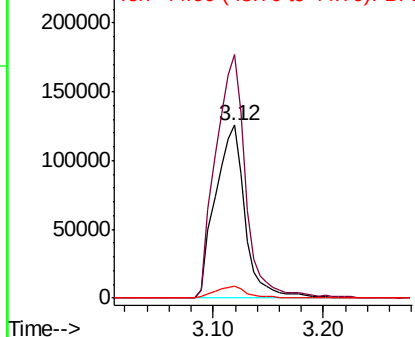


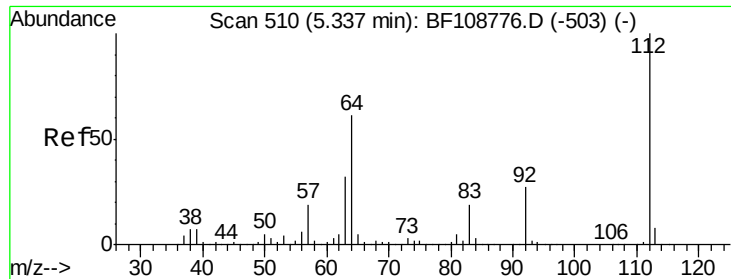
#4
 n-Nitrosodimethylamine
 Concen: 39.960 ng
 RT: 3.12 min Scan# 133
 Delta R.T. 0.04 min
 Lab File: BF108904.D
 Acq: 10 Sep 2018 20:17

Tgt Ion: 42 Resp: 234364
 Ion Ratio Lower Upper
 42 100
 74 140.8 104.9 157.3
 44 6.8 6.9 10.3#



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





#5

2-Fluorophenol

Concen: 116.877 ng

RT: 5.36 min Scan# 514

Delta R.T. 0.02 min

Lab File: BF108904.D

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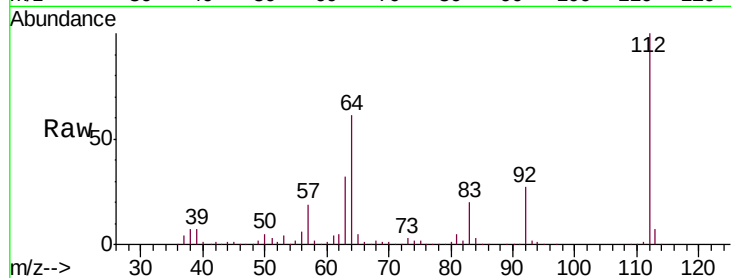
Tgt Ion: 112 Resp: 1356025

Ion Ratio Lower Upper

112 100

64 60.6 47.9 71.9

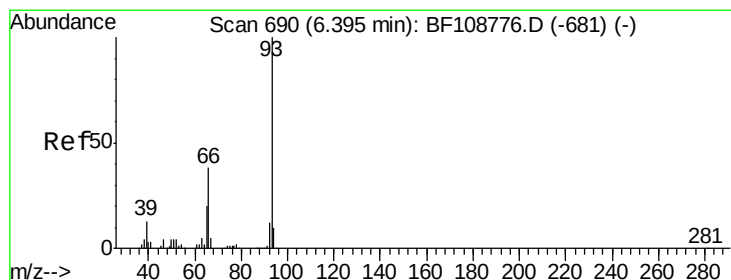
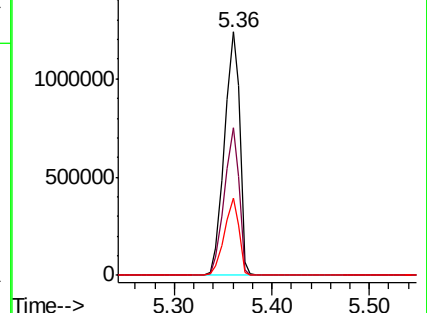
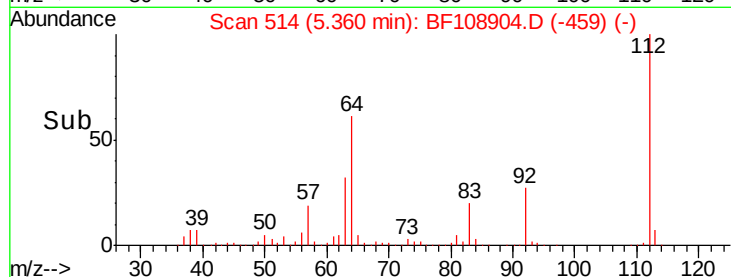
63 31.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.108 ng

RT: 6.40 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF108904.D

Acq: 10 Sep 2018 20:17

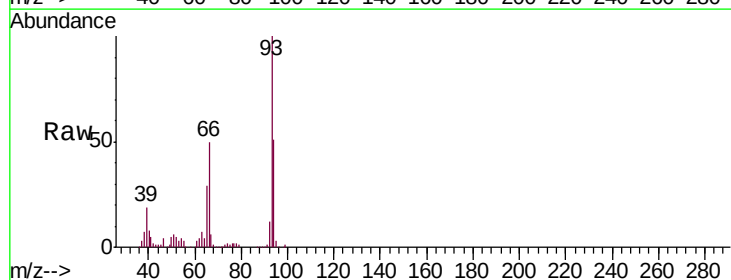
Tgt Ion: 93 Resp: 564349

Ion Ratio Lower Upper

93 100

66 50.1 32.2 48.2#

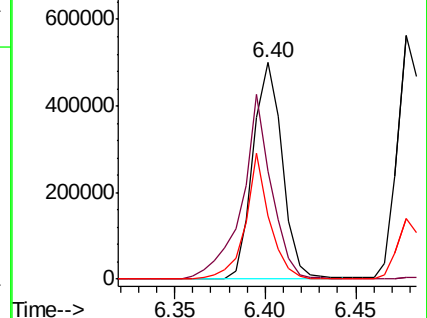
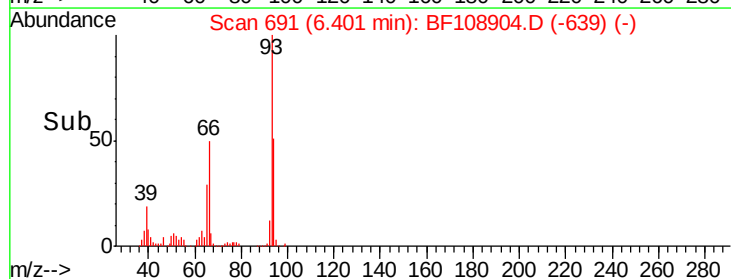
65 29.3 16.4 24.6#

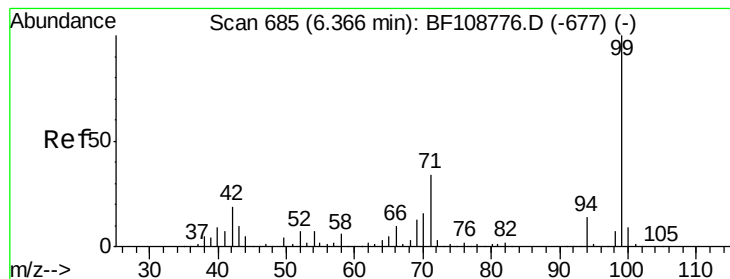


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.737 ng

RT: 6.38 min Scan# 688

Delta R.T. 0.02 min

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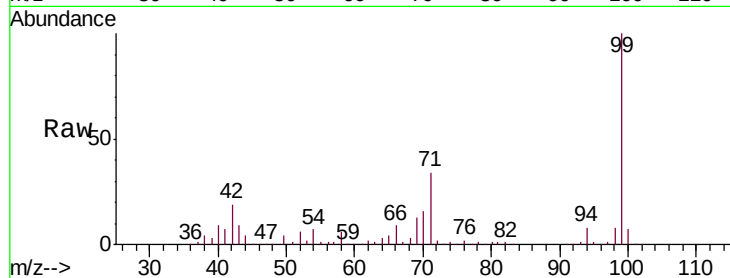
Tgt Ion: 99 Resp: 1712792

Ion Ratio Lower Upper

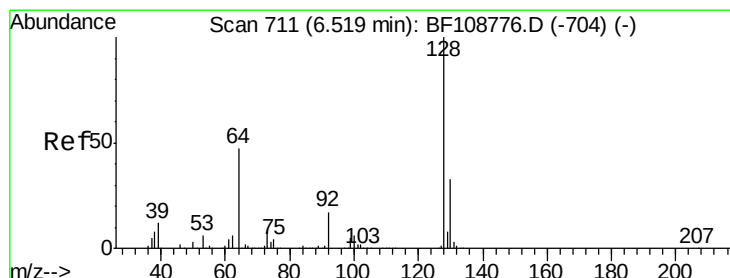
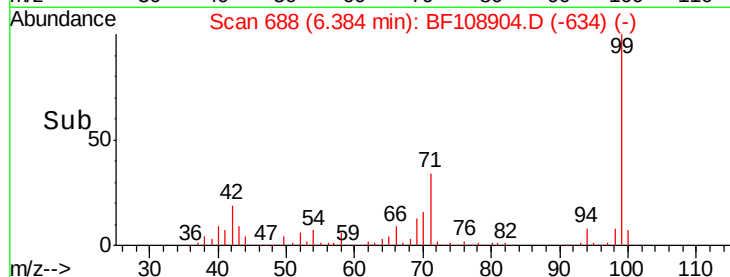
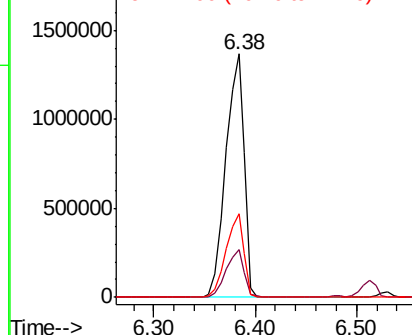
99 100

42 19.4 14.5 21.7

71 34.4 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: 36.386 ng

RT: 6.53 min Scan# 713

Delta R.T. 0.01 min

Lab File: BF108904.D

Acq: 10 Sep 2018 20:17

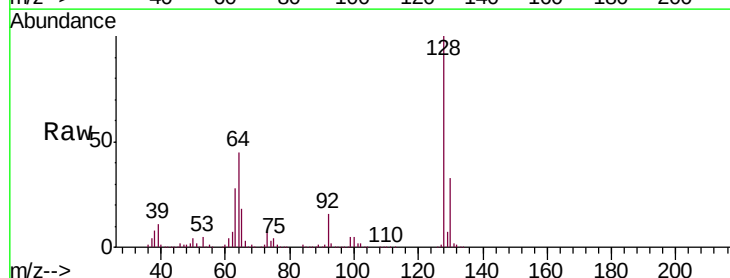
Tgt Ion: 128 Resp: 467274

Ion Ratio Lower Upper

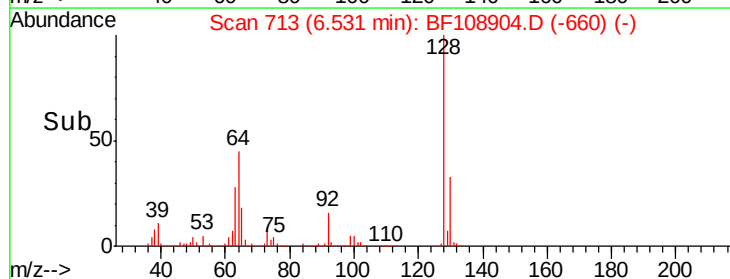
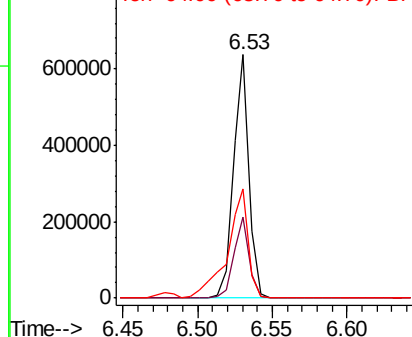
128 100

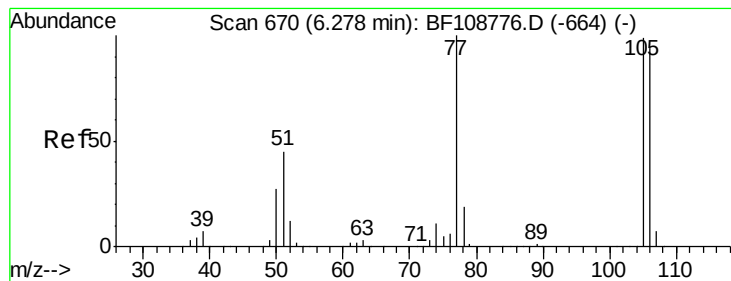
130 33.3 13.0 53.0

64 44.8 29.4 69.4



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





#9

Benzaldehyde

Concen: 23.235 ng

RT: 6.28 min Scan# 671

Delta R.T. 0.01 min

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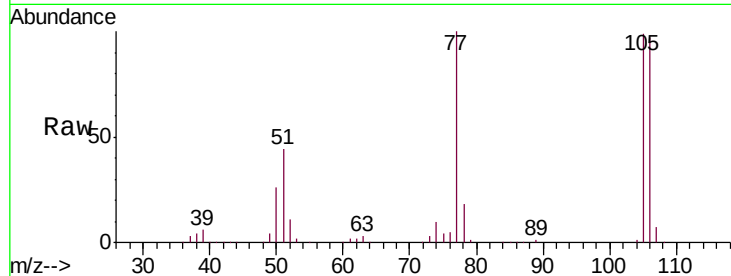
Tgt Ion: 77 Resp: 246069

Ion Ratio Lower Upper

77 100

105 99.3 81.1 121.1

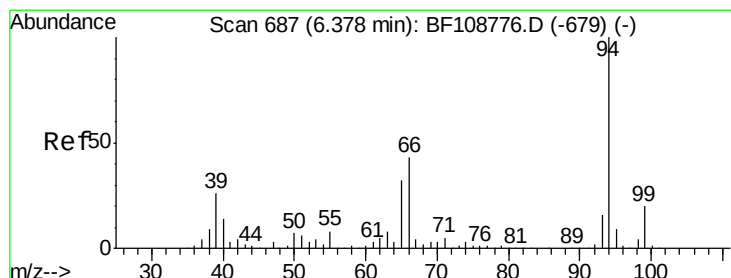
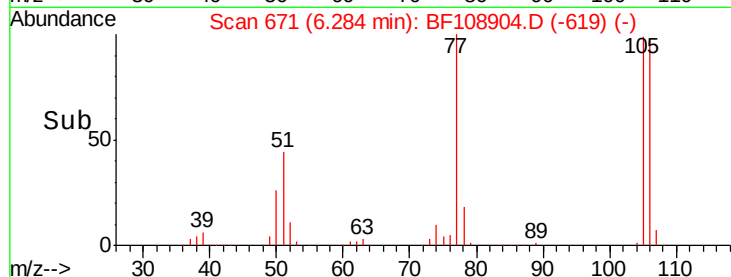
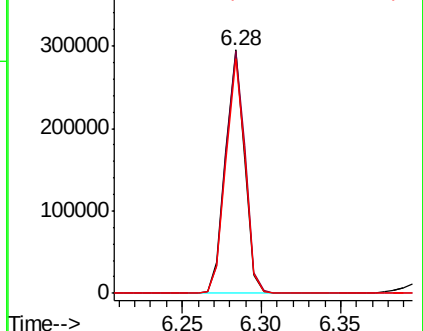
106 96.5 74.5 114.5



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: 34.158 ng

RT: 6.40 min Scan# 690

Delta R.T. 0.02 min

Lab File: BF108904.D

Acq: 10 Sep 2018 20:17

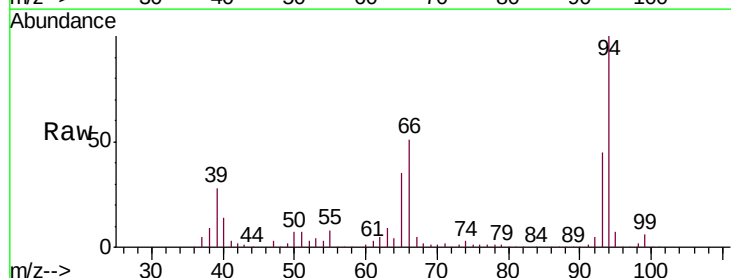
Tgt Ion: 94 Resp: 584028

Ion Ratio Lower Upper

94 100

65 34.9 7.9 47.9

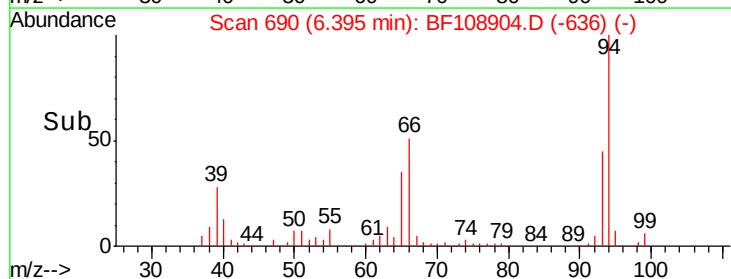
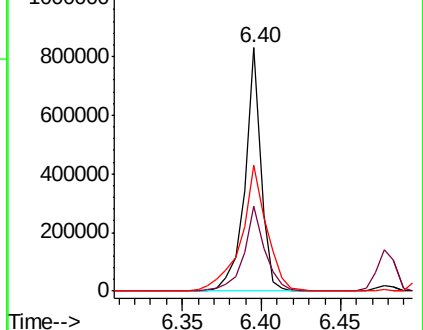
66 51.5 16.2 56.2

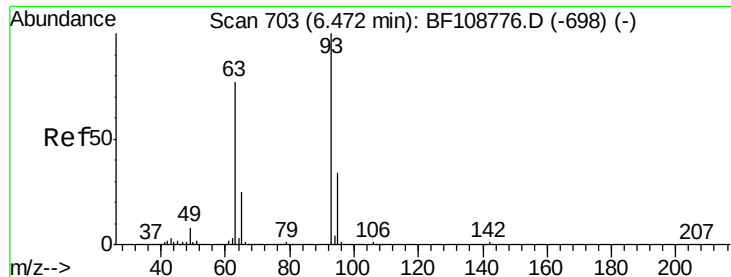


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

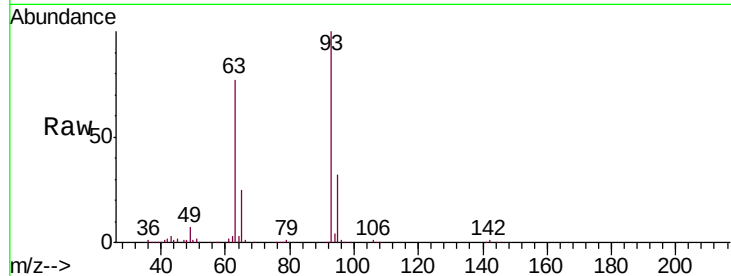




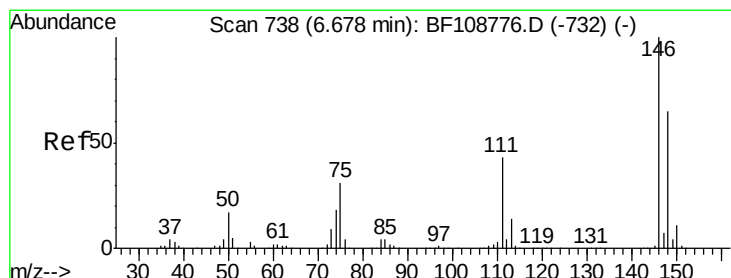
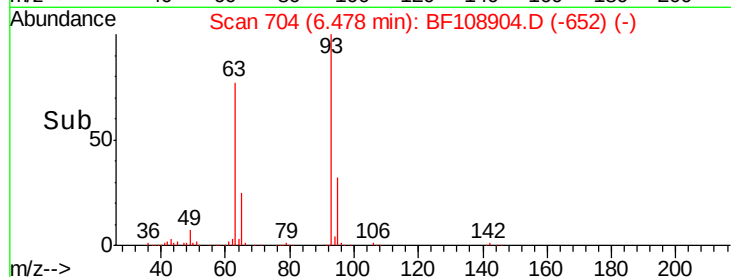
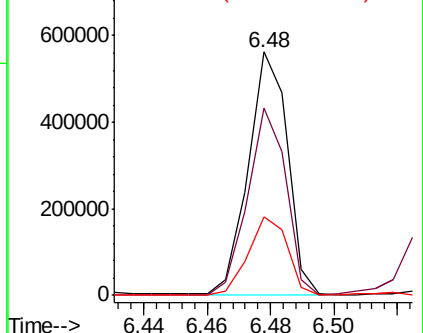
#11
bis(2-Chloroethyl)ether
Concen: 35.165 ng
RT: 6.48 min Scan# 704
Delta R.T. 0.01 min
Lab File: BF108904.D
Acq: 10 Sep 2018 20:17

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-025-AMSD

Tgt Ion: 93 Resp: 481645
Ion Ratio Lower Upper
93 100
63 76.7 58.6 98.6
95 32.2 11.8 51.8

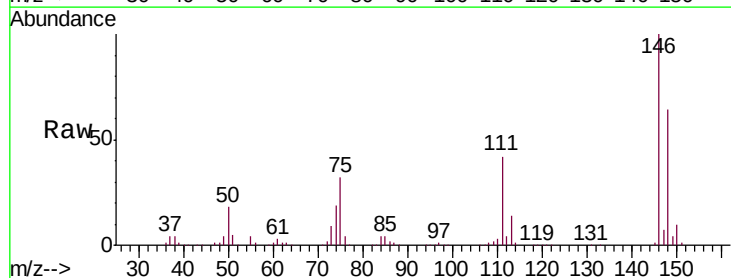


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

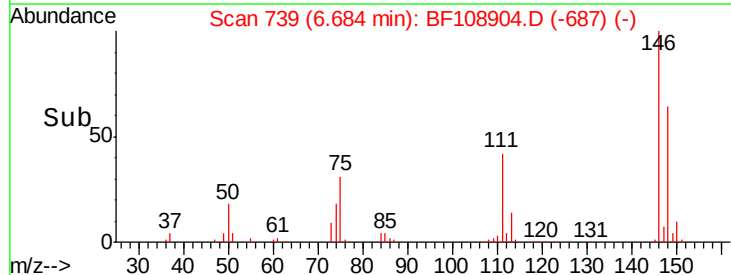
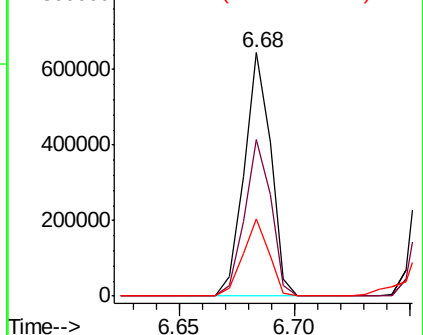


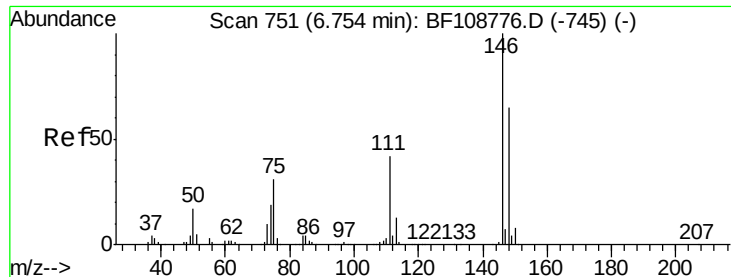
#12
1,3-Dichlorobenzene
Concen: 35.404 ng
RT: 6.68 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF108904.D
Acq: 10 Sep 2018 20:17

Tgt Ion: 146 Resp: 518841
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
75 31.5 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

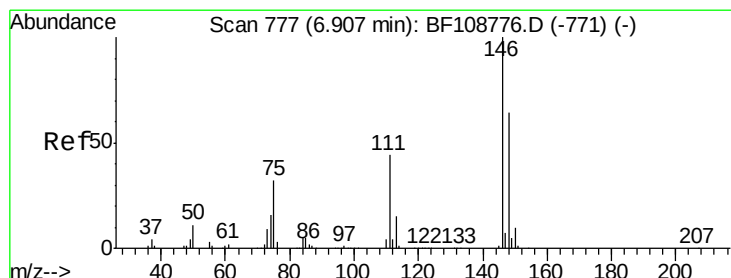
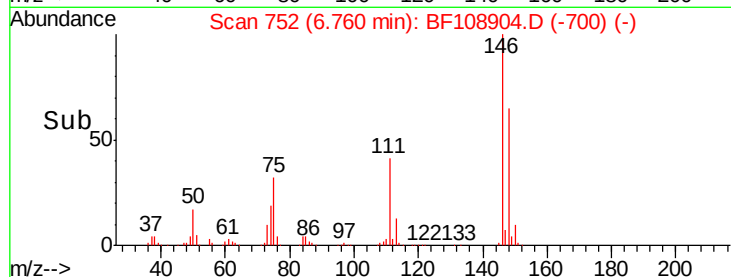
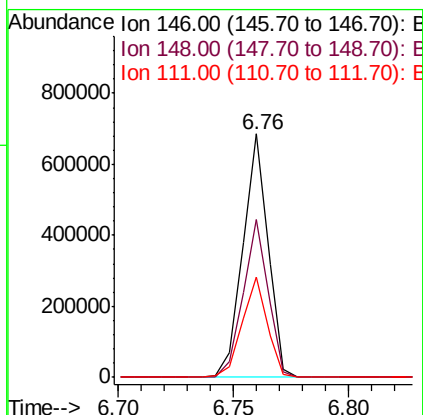
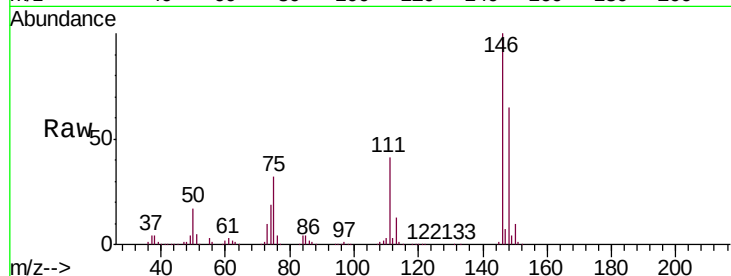




#13
 1,4-Dichlorobenzene
 Concen: 35.653 ng
 RT: 6.76 min Scan# 752
 Delta R.T. 0.01 min
 Lab File: BF108904.D
 Acq: 10 Sep 2018 20:17

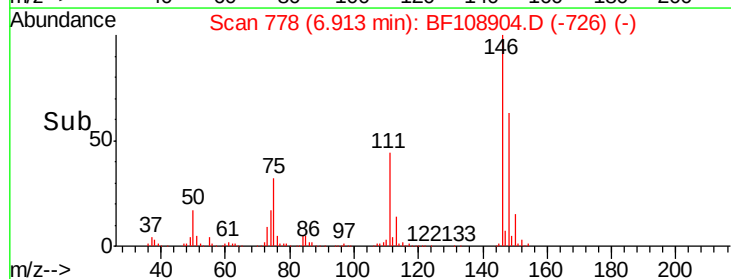
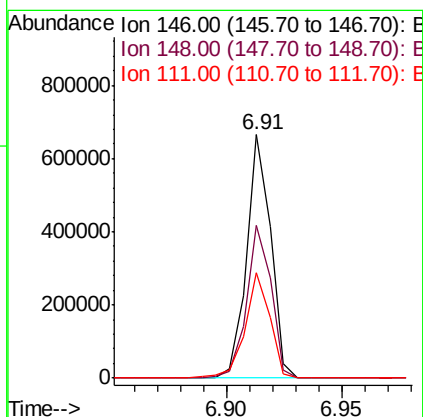
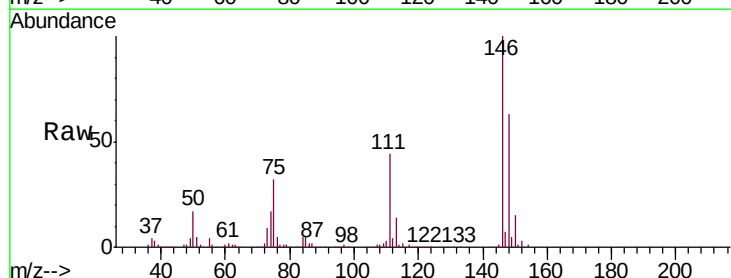
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-025-AMSD

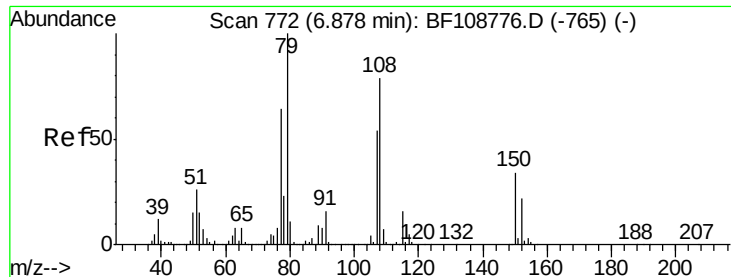
Tgt Ion:146 Resp: 522512
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.8 76.2
 111 41.0 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 35.875 ng
 RT: 6.91 min Scan# 778
 Delta R.T. 0.01 min
 Lab File: BF108904.D
 Acq: 10 Sep 2018 20:17

Tgt Ion:146 Resp: 484606
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.6 75.8
 111 43.5 36.0 54.0





#15

Benzyl Alcohol

Concen: 36.625 ng

RT: 6.88 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF108904.D

Acq: 10 Sep 2018 20:17

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-025-AMSD

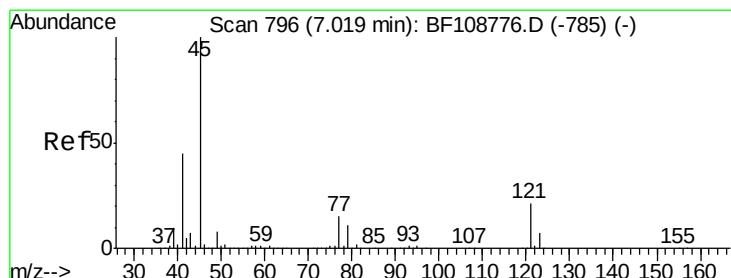
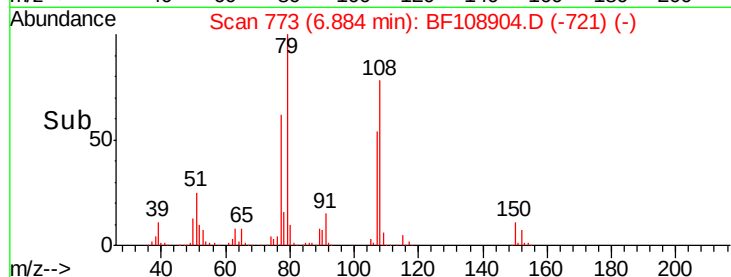
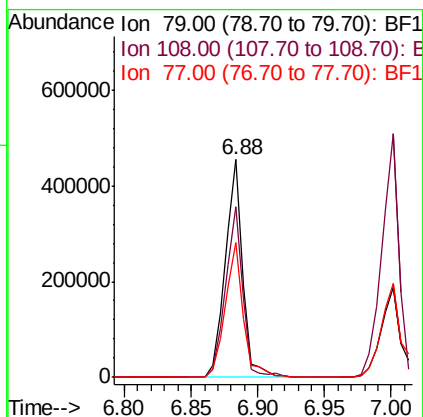
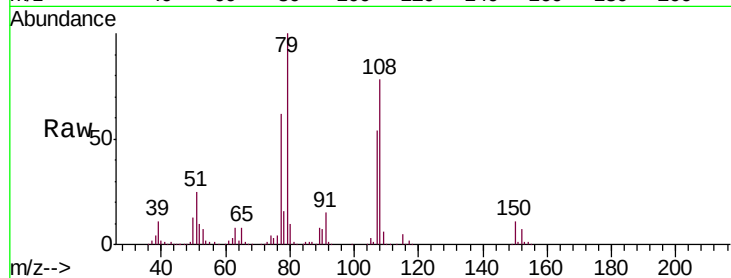
Tgt Ion: 79 Resp: 419586

Ion Ratio Lower Upper

79 100

108 78.4 65.1 97.7

77 62.1 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.922 ng

RT: 7.02 min Scan# 797

Delta R.T. 0.01 min

Lab File: BF108904.D

Acq: 10 Sep 2018 20:17

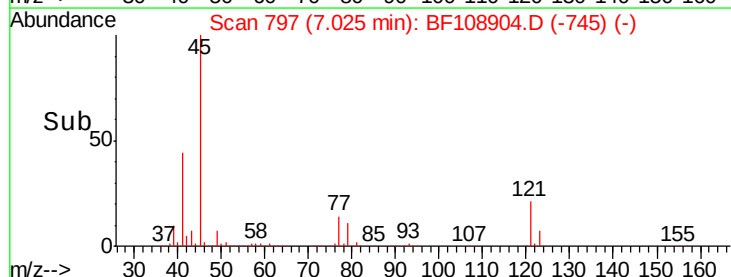
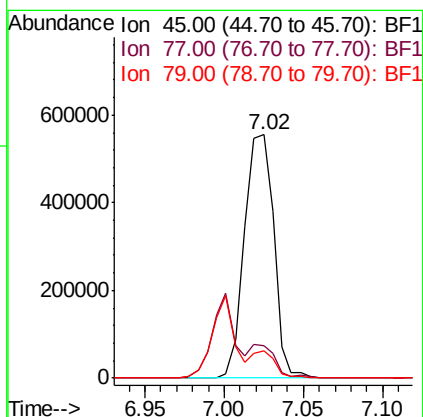
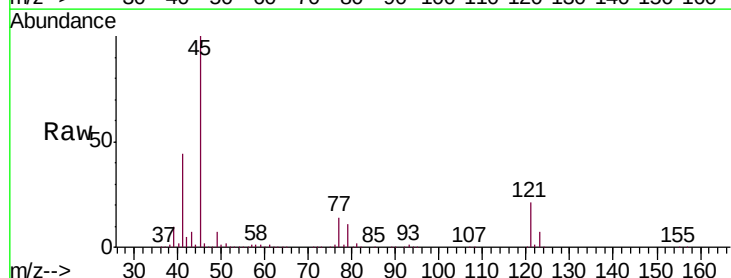
Tgt Ion: 45 Resp: 715010

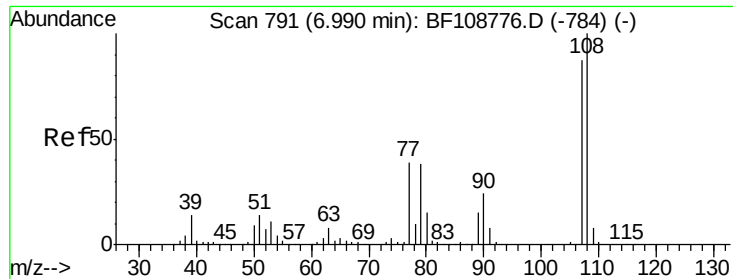
Ion Ratio Lower Upper

45 100

77 13.6 0.0 32.9

79 11.1 0.0 29.6

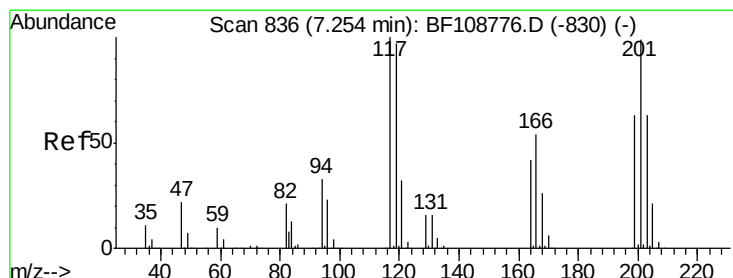
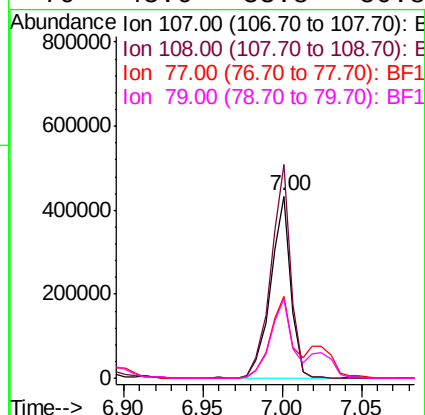
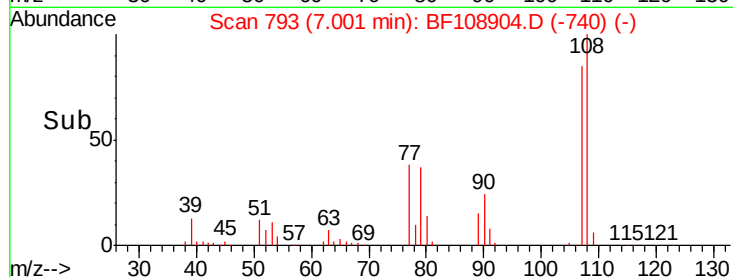
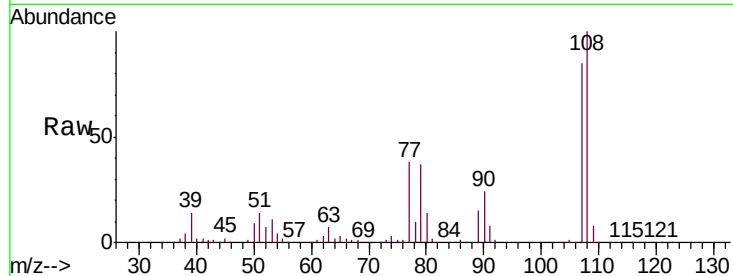




#17
2-Methylphenol
Concen: 35.631 ng
RT: 7.00 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF108904.D
Acq: 10 Sep 2018 20:17

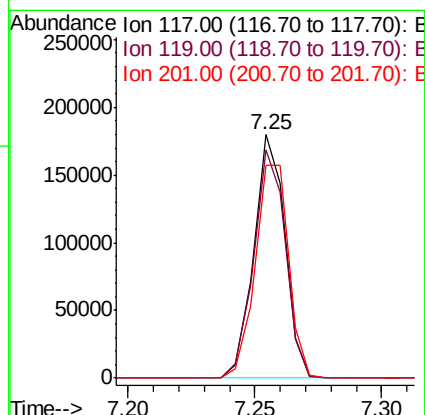
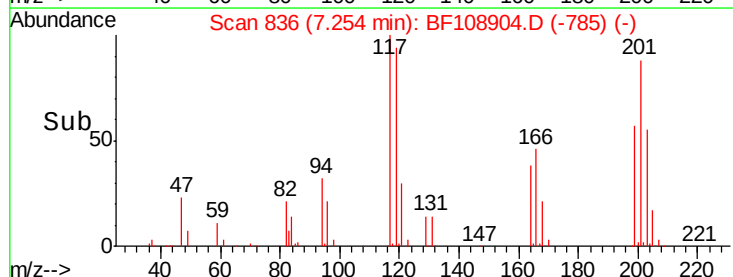
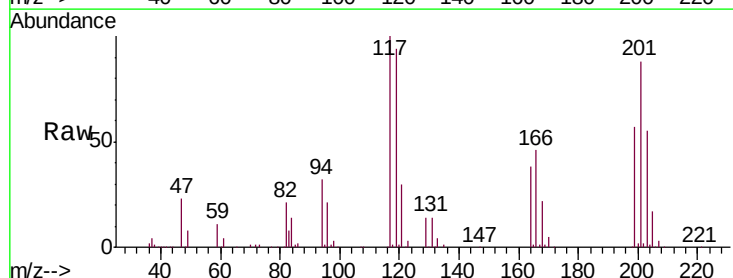
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-025-AMSD

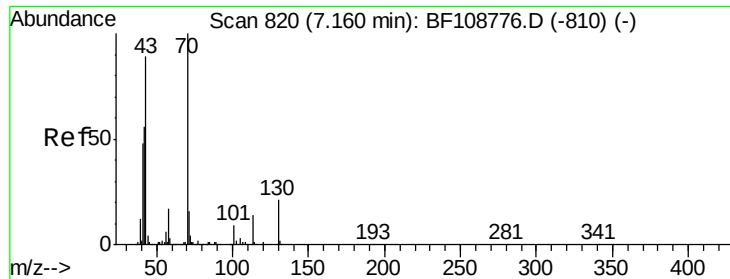
Tgt Ion:	107	Resp:	386695
Ion	Ratio	Lower	Upper
107	100		
108	117.4	91.7	137.5
77	45.0	33.8	50.8
79	43.6	33.8	50.8



#18
Hexachloroethane
Concen: 29.098 ng
RT: 7.25 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF108904.D
Acq: 10 Sep 2018 20:17

Tgt Ion:	117	Resp:	153761
Ion	Ratio	Lower	Upper
117	100		
119	93.5	75.8	113.8
201	87.5	75.7	113.5

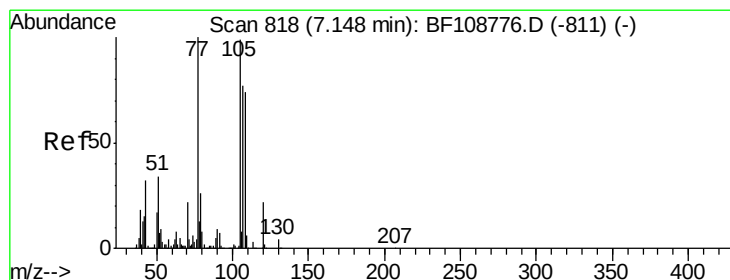
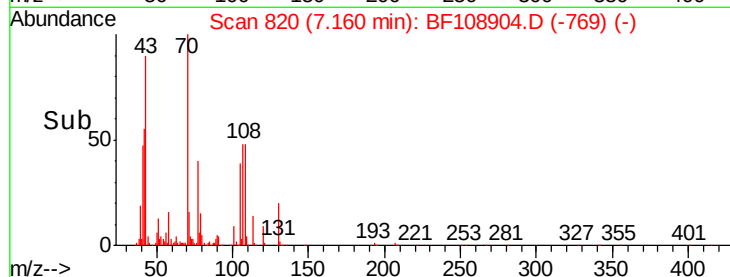
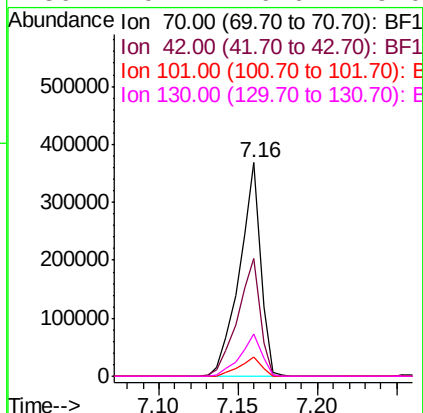
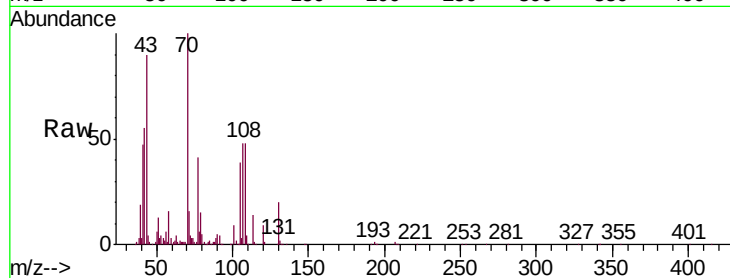




#19
n-Nitroso-di-n-propylamine
Concen: 32.803 ng
RT: 7.16 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF108904.D
Acq: 10 Sep 2018 20:17

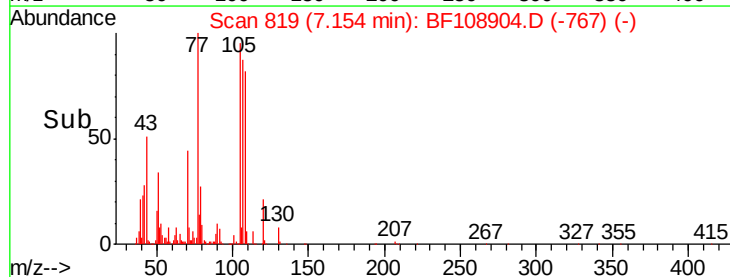
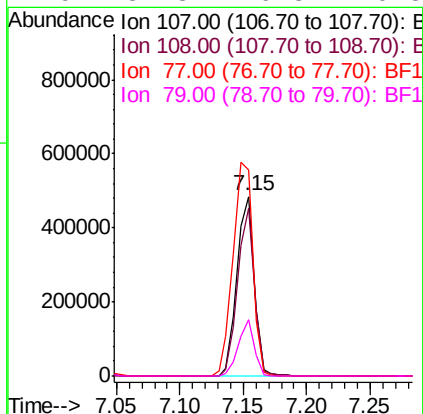
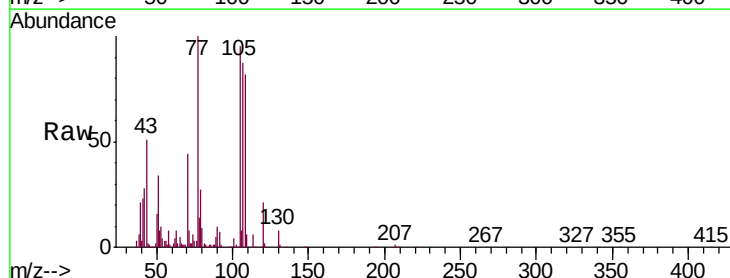
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-025-AMSD

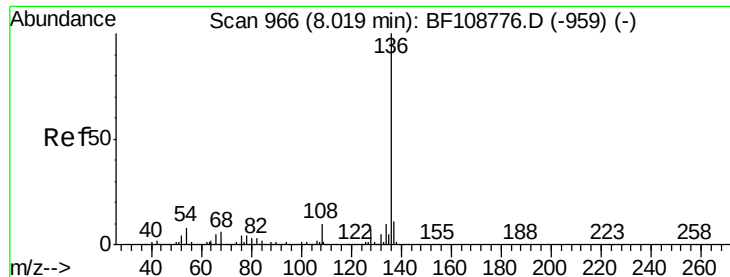
Tgt Ion: 70 Resp: 340380
Ion Ratio Lower Upper
70 100
42 55.1 47.5 71.3
101 9.0 7.4 11.2
130 19.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 35.692 ng
RT: 7.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF108904.D
Acq: 10 Sep 2018 20:17

Tgt Ion: 107 Resp: 453760
Ion Ratio Lower Upper
107 100
108 93.3 68.2 108.2
77 114.3 26.7 66.7#
79 31.3 6.3 46.3

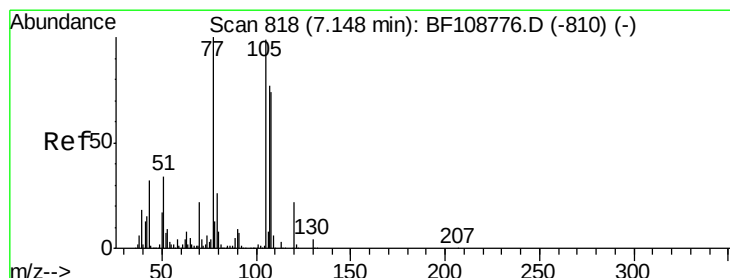
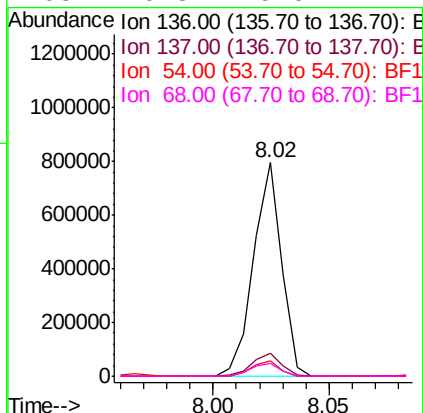
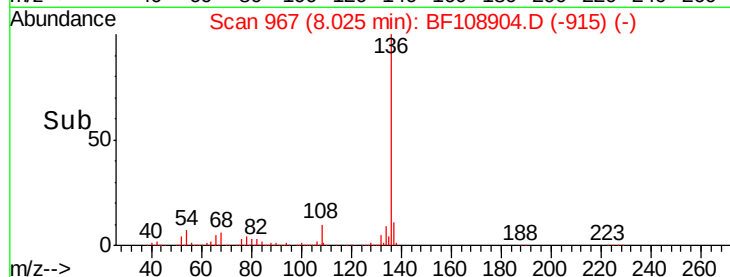
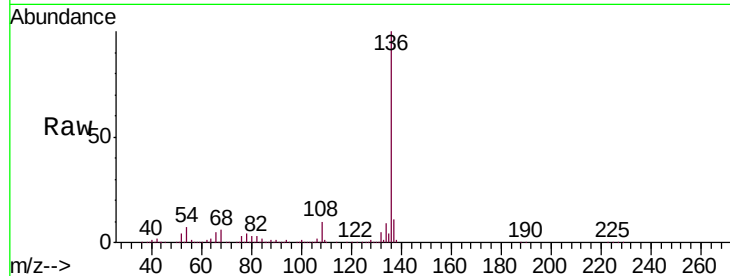




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 967
Delta R.T. 0.01 min
Lab File: BF108904.D
Acq: 10 Sep 2018 20:17

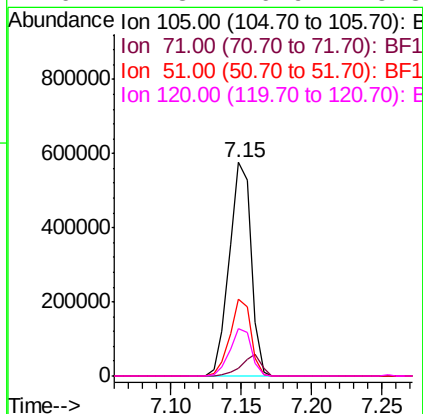
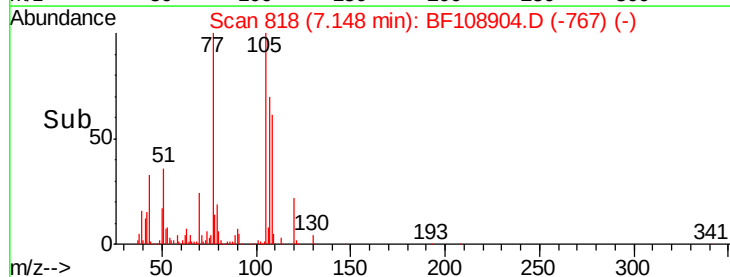
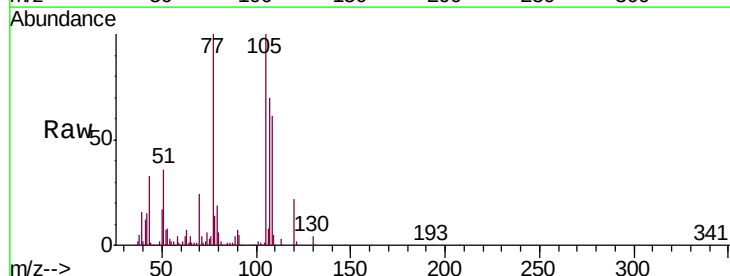
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-025-AMSD

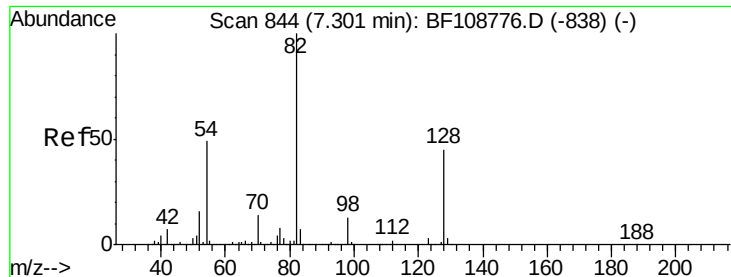
Tgt Ion:	136	Resp:	679304
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.5	6.6	9.8
68	6.3	5.0	7.4



#22
Acetophenone
Concen: 40.244 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF108904.D
Acq: 10 Sep 2018 20:17

Tgt Ion:	105	Resp:	620431
Ion	Ratio	Lower	Upper
105	100		
71	3.8	4.4	6.6#
51	35.9	22.3	33.5#
120	22.3	16.9	25.3

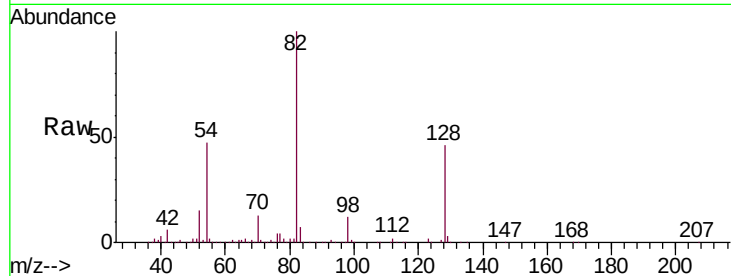




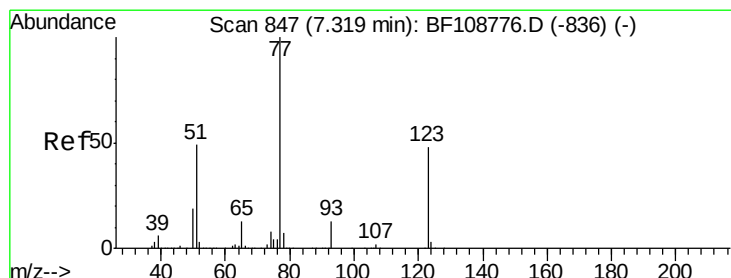
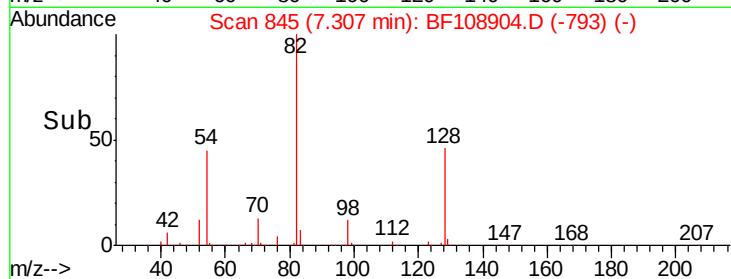
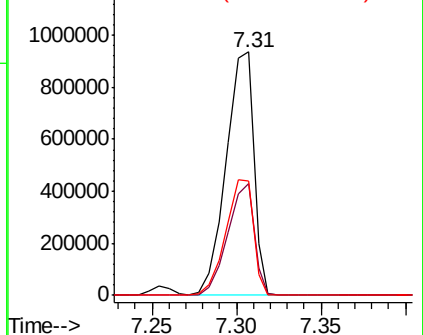
#23
 Nitrobenzene-d5
 Concen: 98.356 ng
 RT: 7.31 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: BF108904.D
 Acq: 10 Sep 2018 20:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-025-AMSD

Tgt Ion: 82 Resp: 1067637
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.1 54.1
 54 46.9 41.4 62.2

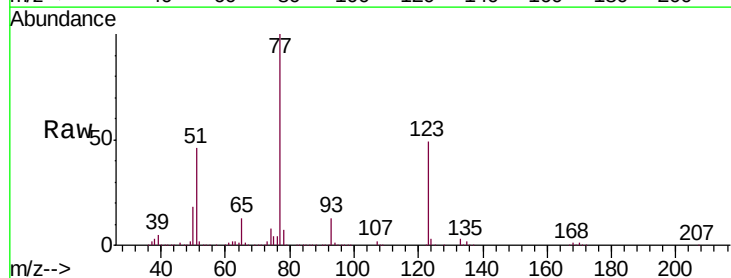


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

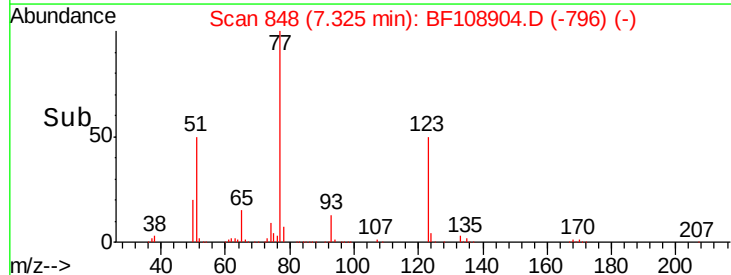
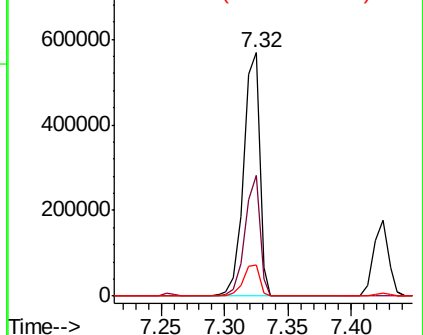


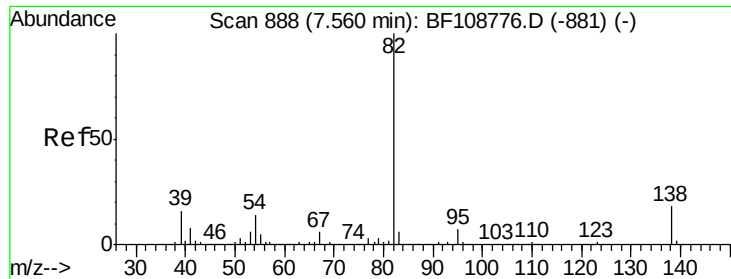
#24
 Nitrobenzene
 Concen: 42.474 ng
 RT: 7.32 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF108904.D
 Acq: 10 Sep 2018 20:17

Tgt Ion: 77 Resp: 494681
 Ion Ratio Lower Upper
 77 100
 123 49.4 37.9 56.9
 65 12.9 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: 41.849 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.01 min

Lab File: BF108904.D

Acq: 10 Sep 2018 20:17

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-025-AMSD

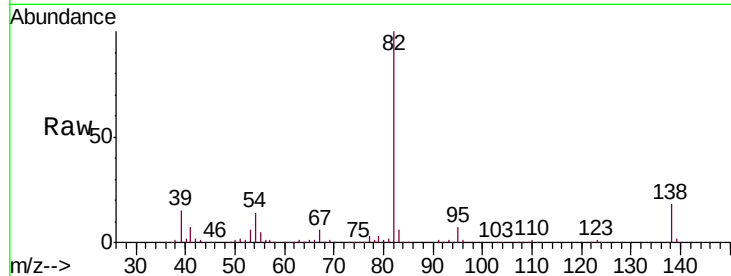
Tgt Ion: 82 Resp: 906109

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

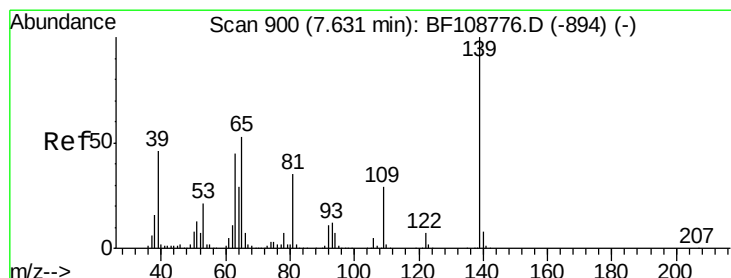
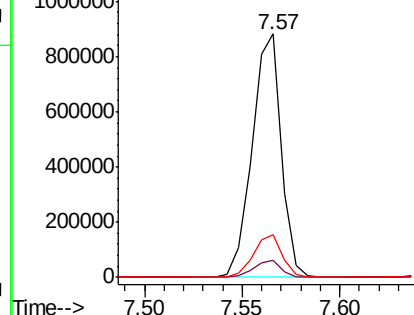
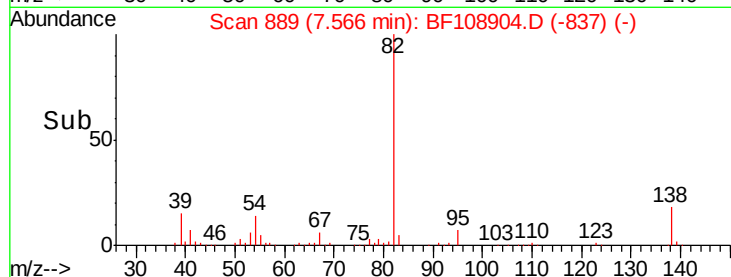
138 17.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.515 ng

RT: 7.64 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF108904.D

Acq: 10 Sep 2018 20:17

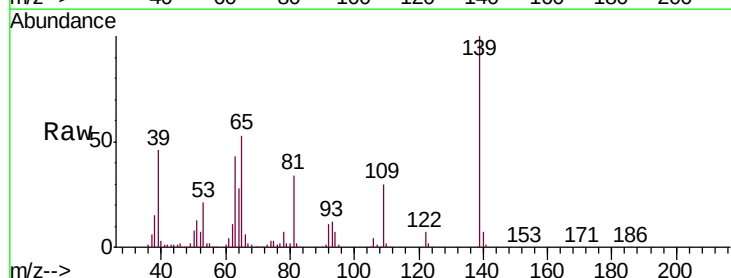
Tgt Ion: 139 Resp: 185904

Ion Ratio Lower Upper

139 100

109 29.6 22.7 34.1

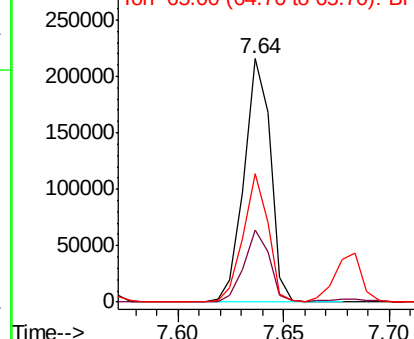
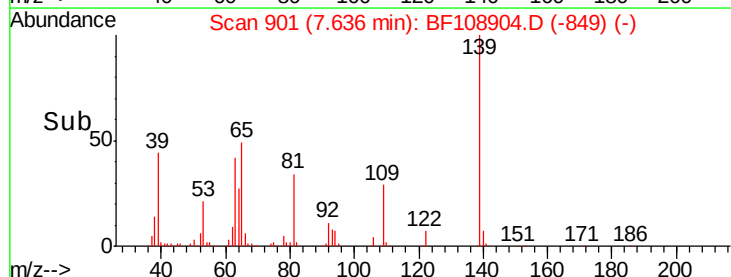
65 52.9 40.5 60.7

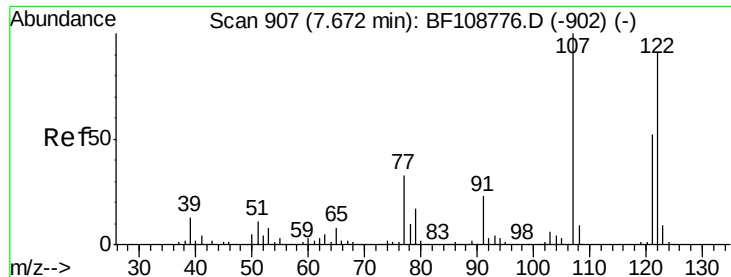


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

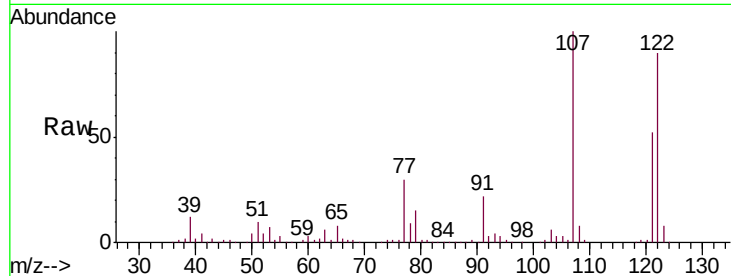




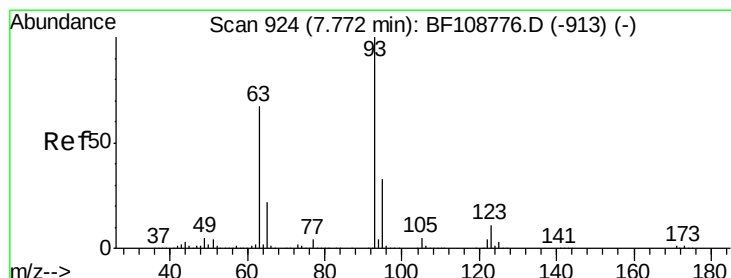
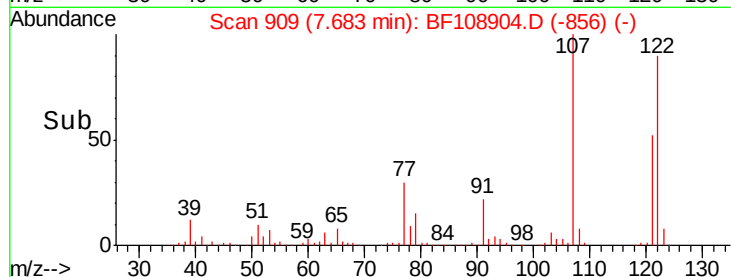
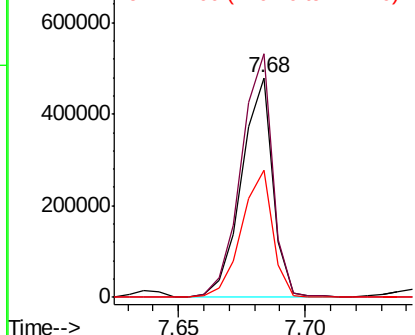
#27
 2,4-Dimethylphenol
 Concen: 44.276 ng
 RT: 7.68 min Scan# 909
 Delta R.T. 0.01 min
 Lab File: BF108904.D
 Acq: 10 Sep 2018 20:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-025-AMSD

Tgt Ion:122 Resp: 412555
 Ion Ratio Lower Upper
 122 100
 107 111.0 91.2 136.8
 121 57.9 47.2 70.8

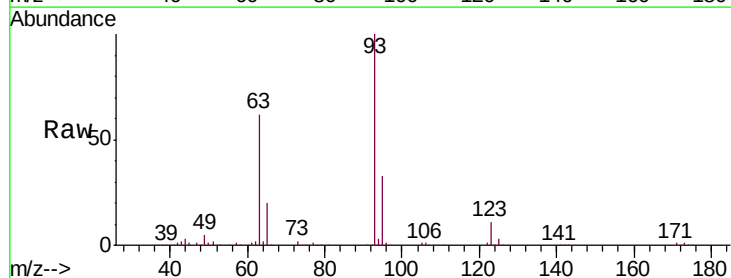


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

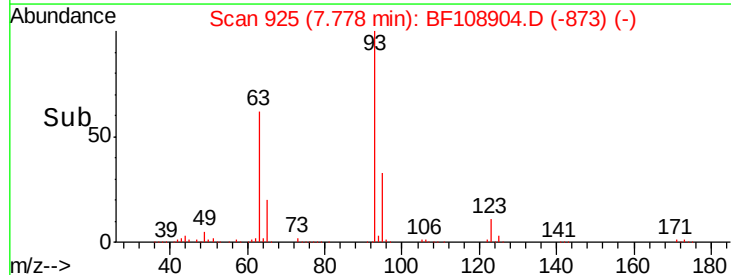
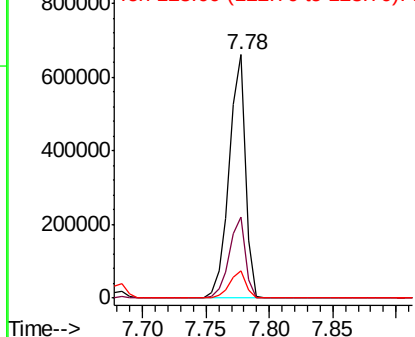


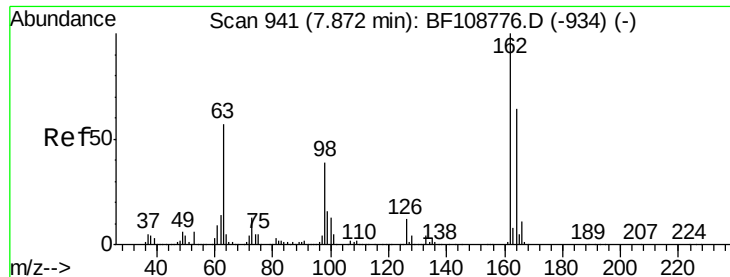
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.600 ng
 RT: 7.78 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: BF108904.D
 Acq: 10 Sep 2018 20:17

Tgt Ion: 93 Resp: 587734
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.3 39.5
 123 11.2 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

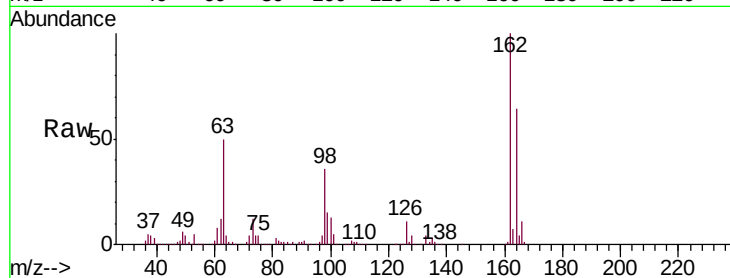




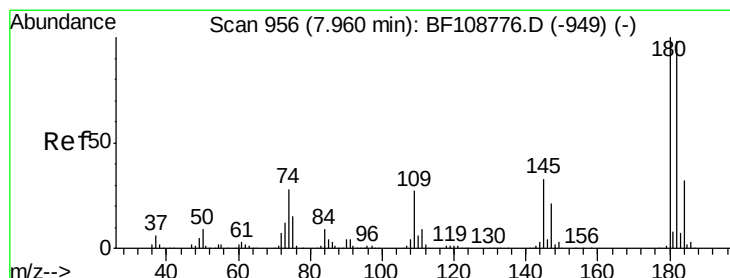
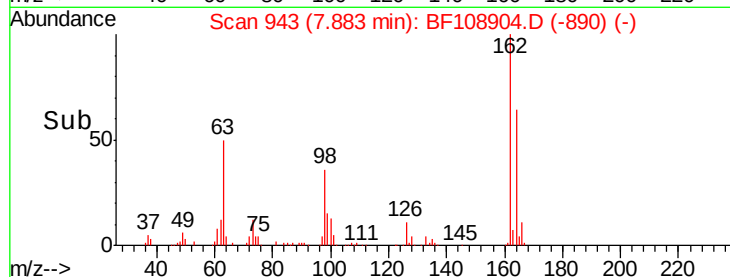
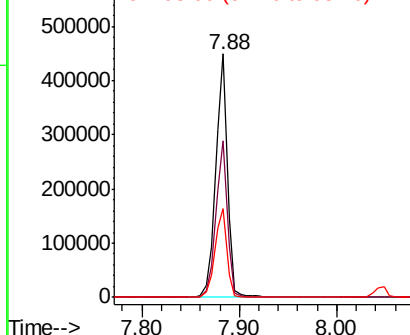
#29
2,4-Dichlorophenol
Concen: 38.786 ng
RT: 7.88 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF108904.D
Acq: 10 Sep 2018 20:17

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-025-AMSD

Tgt Ion:162 Resp: 372652
Ion Ratio Lower Upper
162 100
164 64.4 42.7 82.7
98 36.5 18.1 58.1

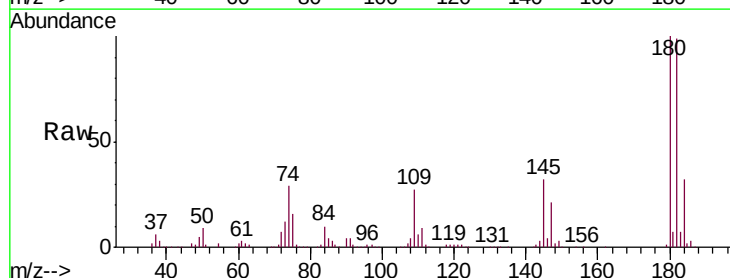


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

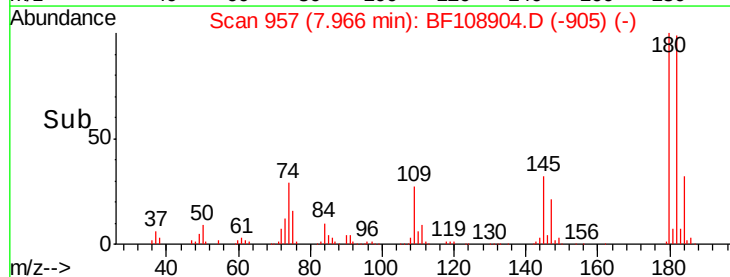
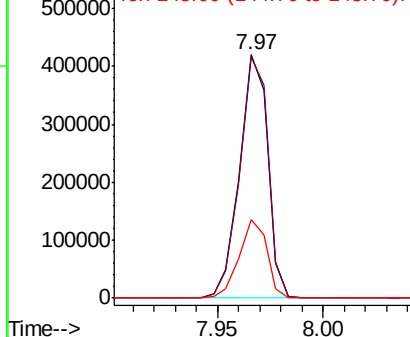


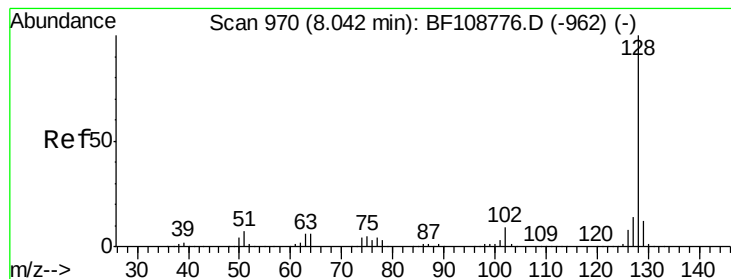
#30
1,2,4-Trichlorobenzene
Concen: 37.317 ng
RT: 7.97 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF108904.D
Acq: 10 Sep 2018 20:17

Tgt Ion:180 Resp: 388568
Ion Ratio Lower Upper
180 100
182 98.8 76.8 115.2
145 32.4 26.5 39.7



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





#31

Naphthalene

Concen: 41.451 ng

RT: 8.05 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF108904.D

Acq: 10 Sep 2018 20:17

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-025-AMSD

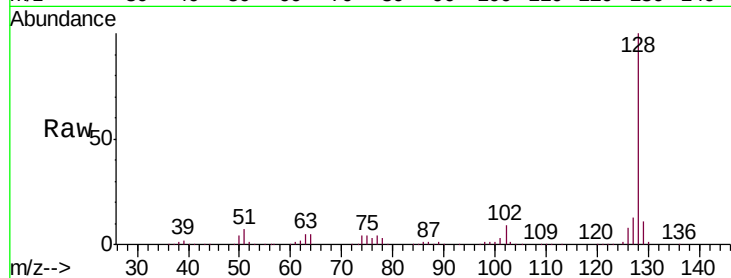
Tgt Ion:128 Resp: 1266825

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

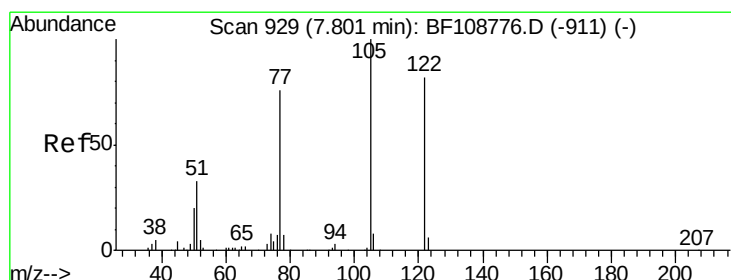
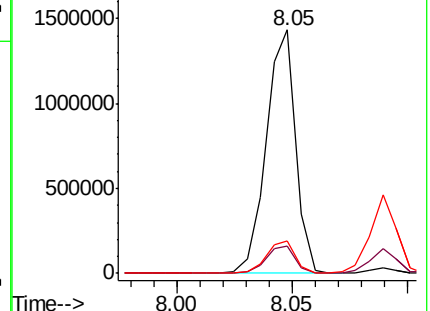
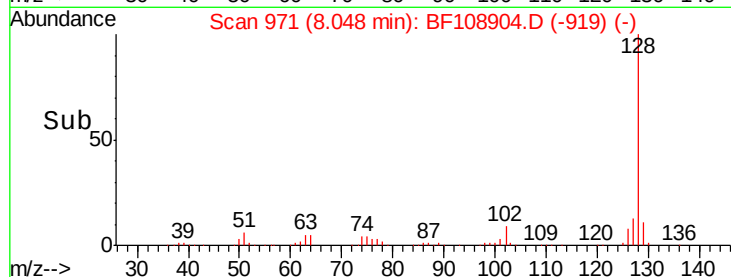
127 13.5 10.9 16.3



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: 7.461 ng

RT: 7.81 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF108904.D

Acq: 10 Sep 2018 20:17

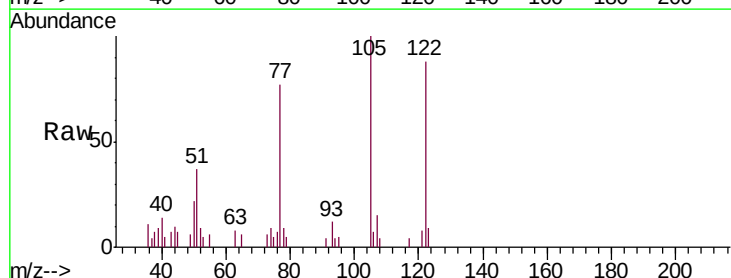
Tgt Ion:122 Resp: 20297

Ion Ratio Lower Upper

122 100

105 113.7 101.1 141.1

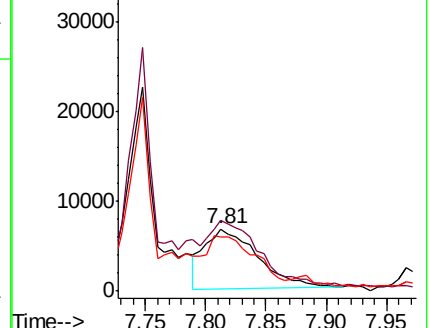
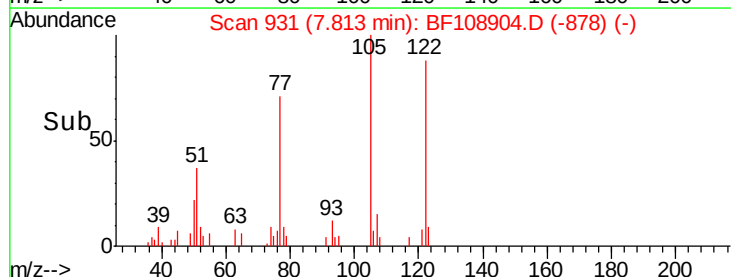
77 87.6 70.7 110.7

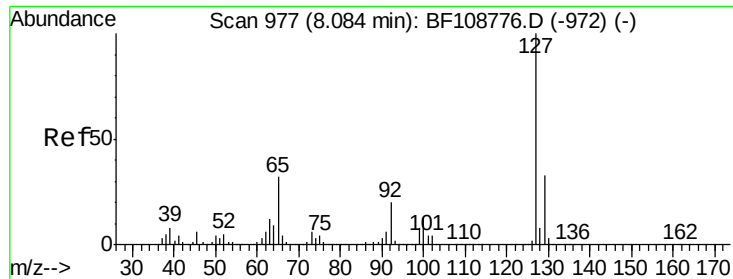


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

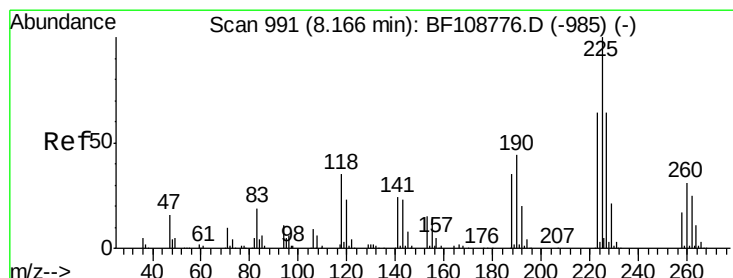
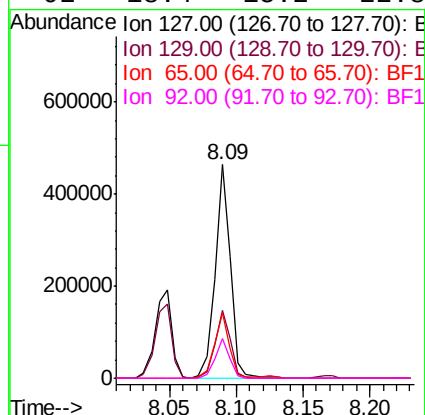
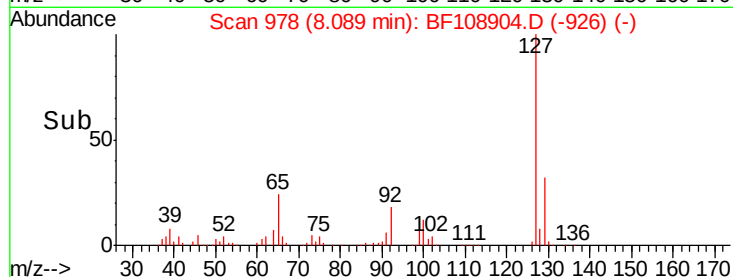
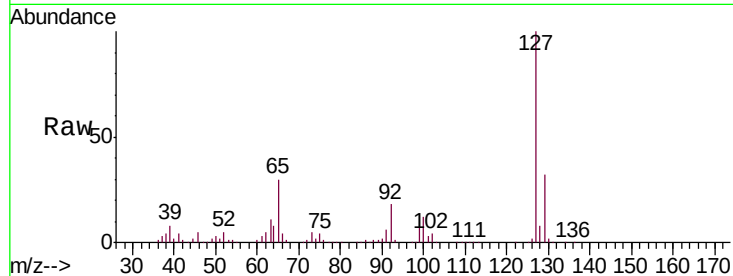




#33
4-Chloroaniline
Concen: 26.450 ng
RT: 8.09 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF108904.D
Acq: 10 Sep 2018 20:17

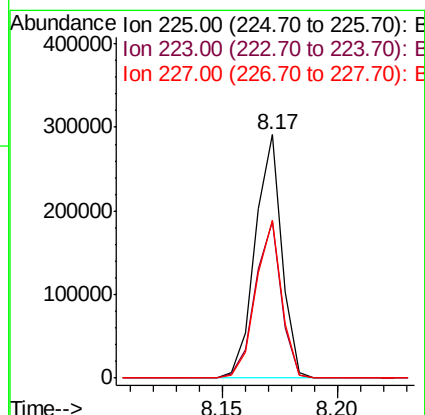
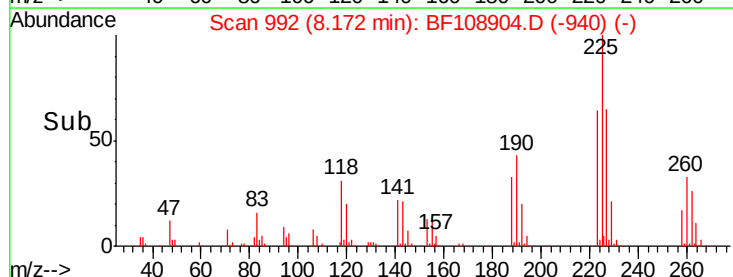
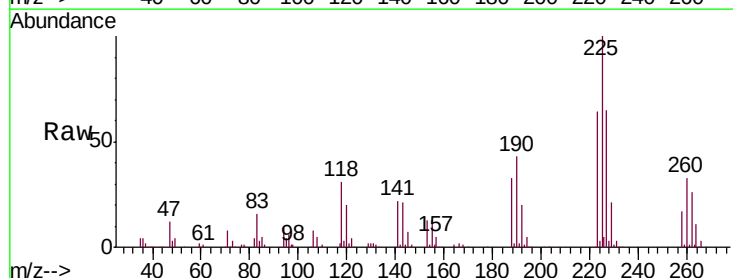
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-025-AMSD

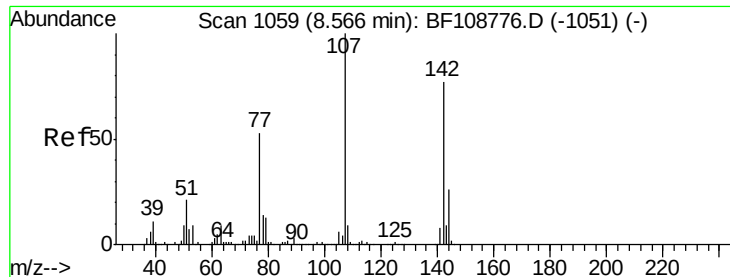
Tgt Ion:	127	Resp:	371257
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	30.3	25.0	37.4
92	18.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 37.693 ng
RT: 8.17 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF108904.D
Acq: 10 Sep 2018 20:17

Tgt Ion:	225	Resp:	234462
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	76.0
227	65.0	51.9	77.9

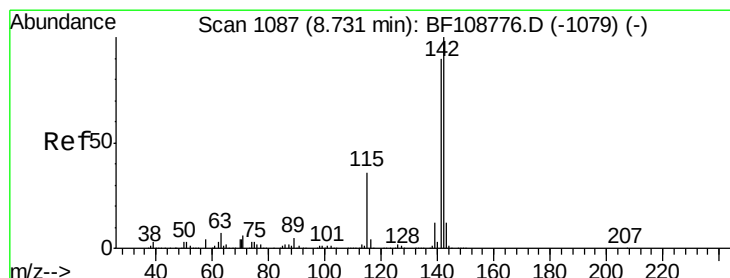
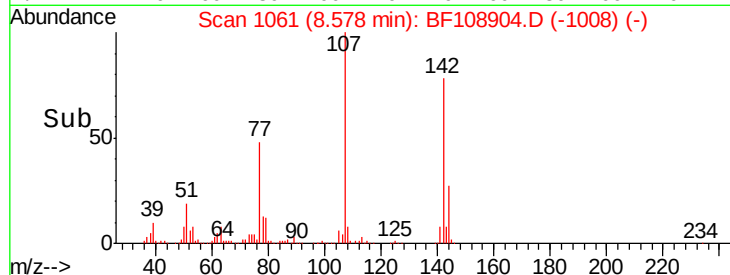
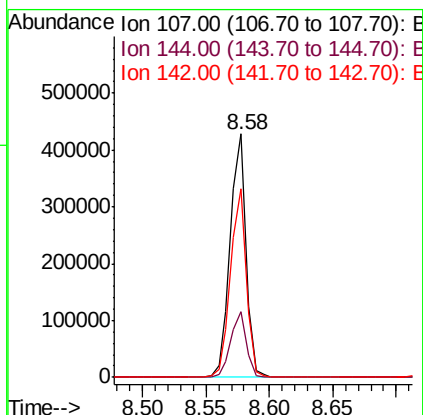
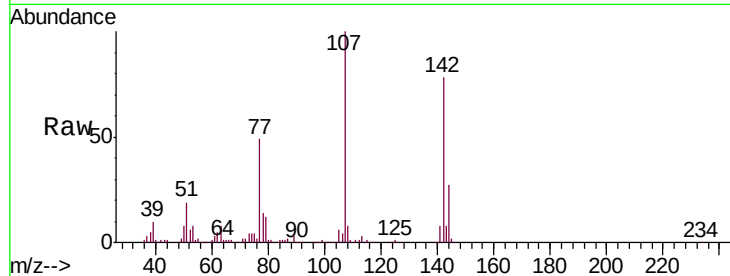




#36
 4-Chloro-3-methylphenol
 Concen: 36.160 ng
 RT: 8.58 min Scan# 1061
 Delta R.T. 0.01 min
 Lab File: BF108904.D
 Acq: 10 Sep 2018 20:17

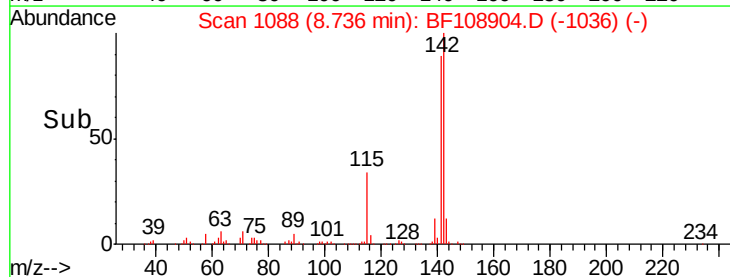
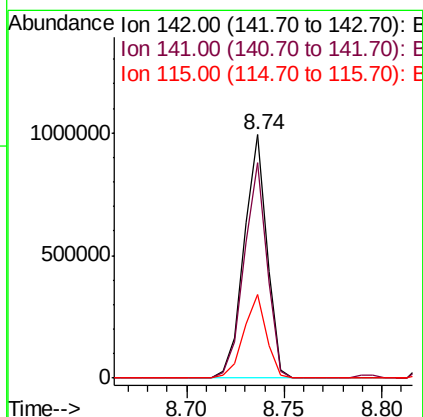
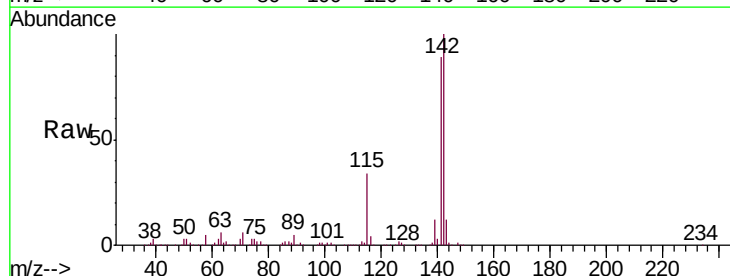
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-025-AMSD

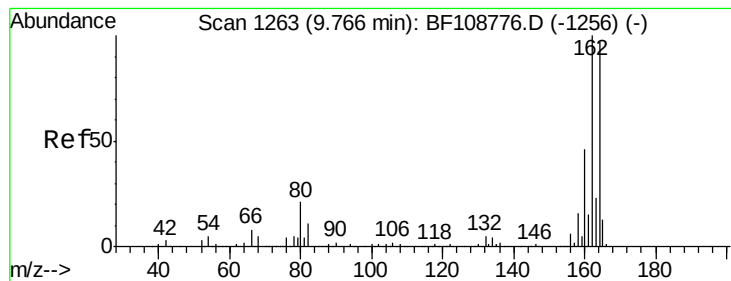
Tgt Ion:107 Resp: 370107
 Ion Ratio Lower Upper
 107 100
 144 27.2 20.5 30.7
 142 77.6 62.0 93.0



#37
 2-Methylnaphthalene
 Concen: 40.090 ng
 RT: 8.74 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: BF108904.D
 Acq: 10 Sep 2018 20:17

Tgt Ion:142 Resp: 809438
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.8 106.2
 115 34.4 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BF108904.D

Acq: 10 Sep 2018 20:17

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-025-AMSD

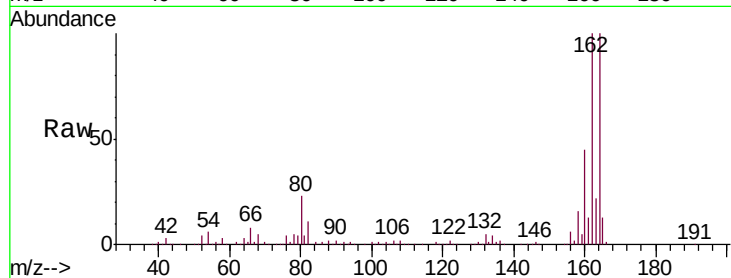
Tgt Ion:164 Resp: 273050

Ion Ratio Lower Upper

164 100

162 100.3 86.1 129.1

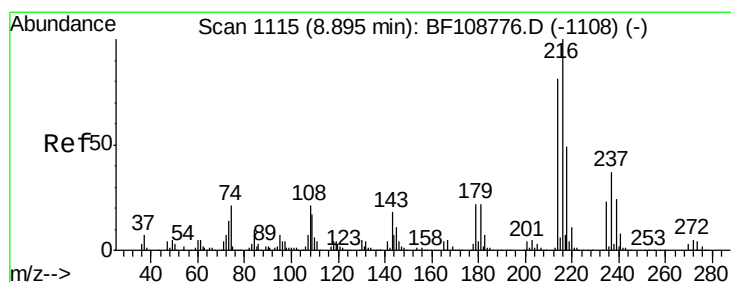
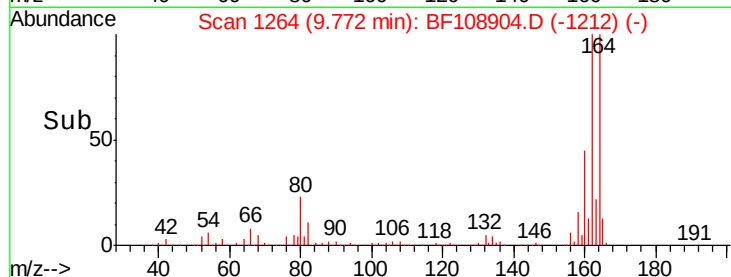
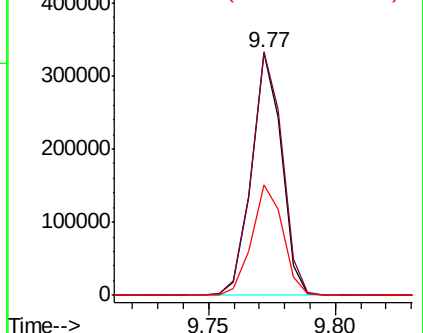
160 45.2 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.510 ng

RT: 8.91 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF108904.D

Acq: 10 Sep 2018 20:17

Tgt Ion:216 Resp: 363298

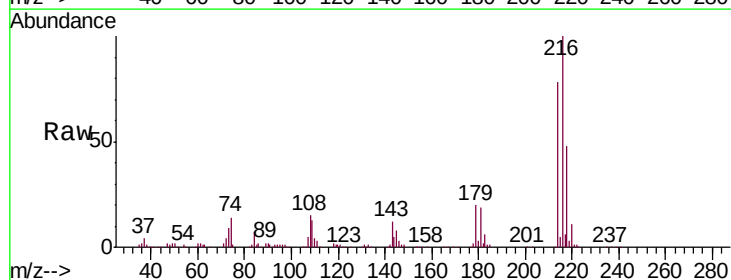
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 20.8 18.1 27.1

108 17.9 17.2 25.8

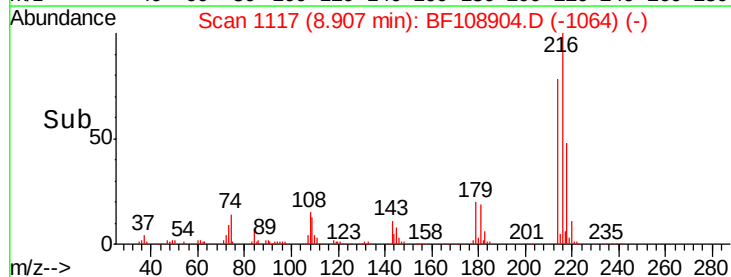
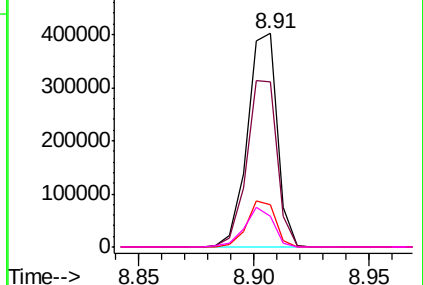


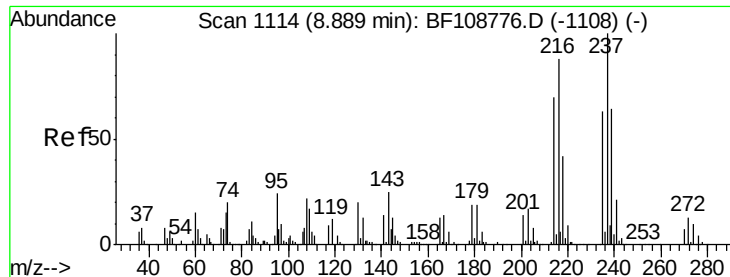
Abundance Ion 216.00 (215.70 to 216.70): E

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

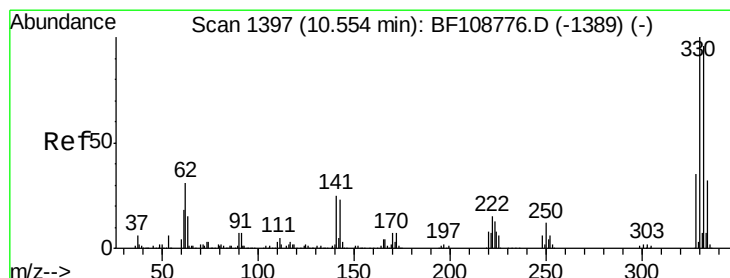
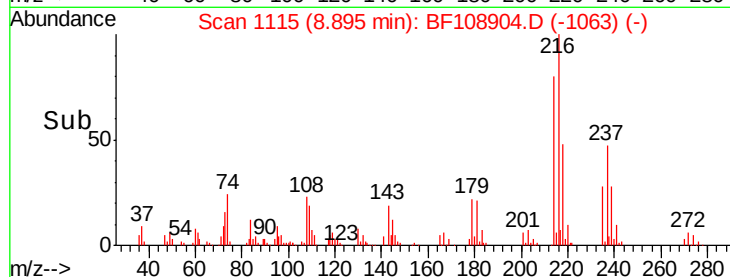
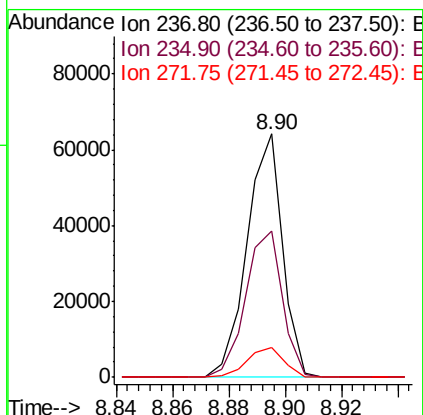
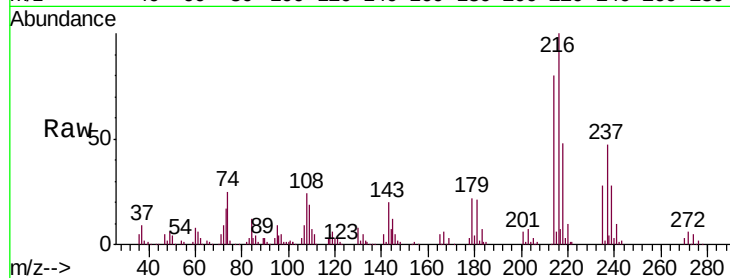




#40
Hexachlorocyclopentadiene
Concen: 13.578 ng
RT: 8.90 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF108904.D
Acq: 10 Sep 2018 20:17

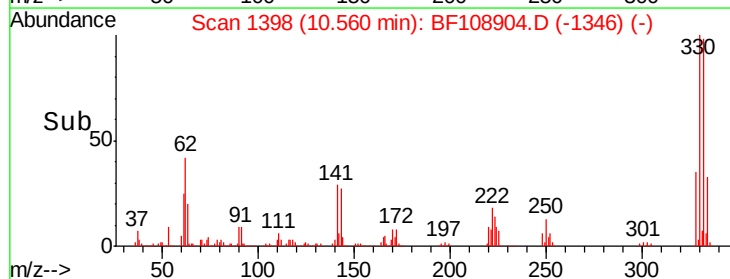
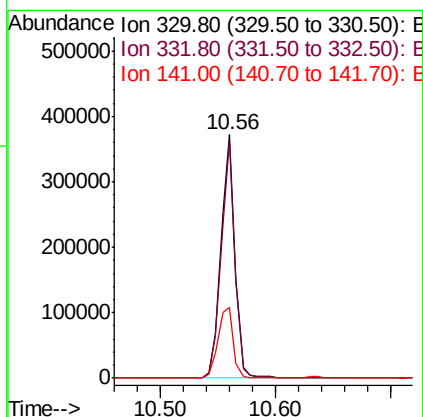
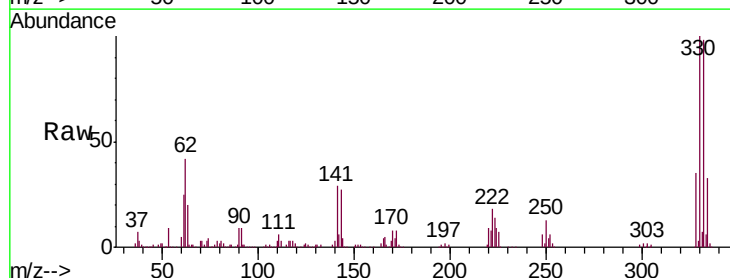
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-025-AMSD

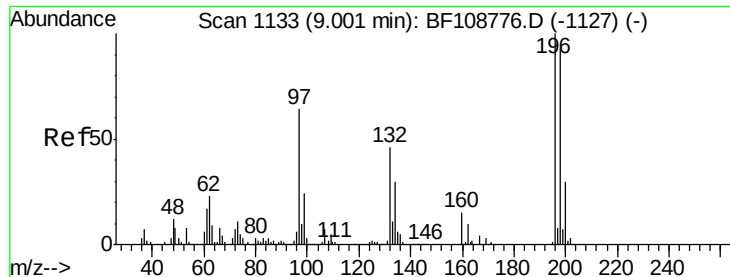
Tgt Ion: 237 Resp: 55754
Ion Ratio Lower Upper
237 100
235 60.3 44.8 84.8
272 12.3 0.0 33.3



#41
2,4,6-Tribromophenol
Concen: 120.351 ng
RT: 10.56 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF108904.D
Acq: 10 Sep 2018 20:17

Tgt Ion: 330 Resp: 313716
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 31.8 29.9 44.9

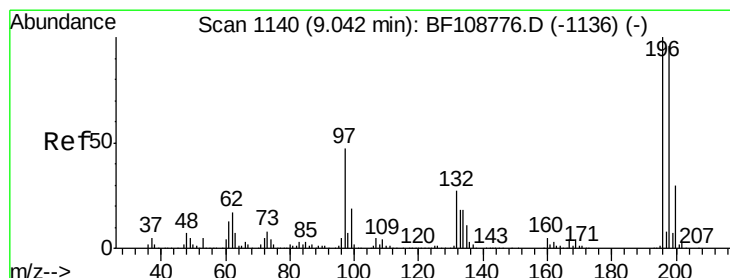
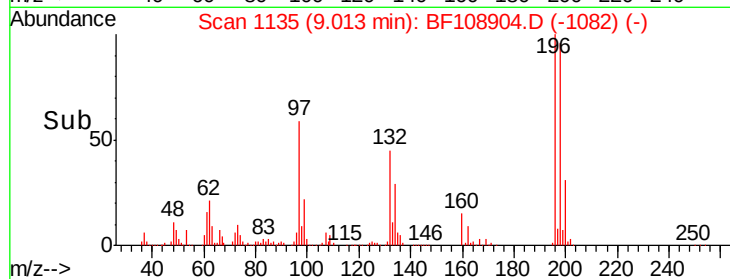
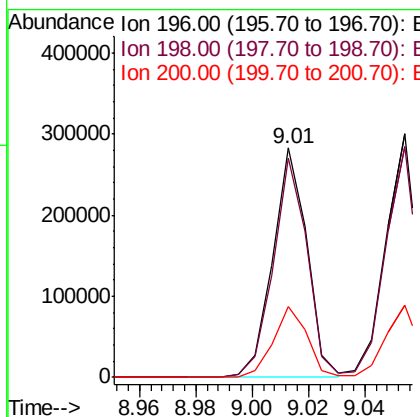
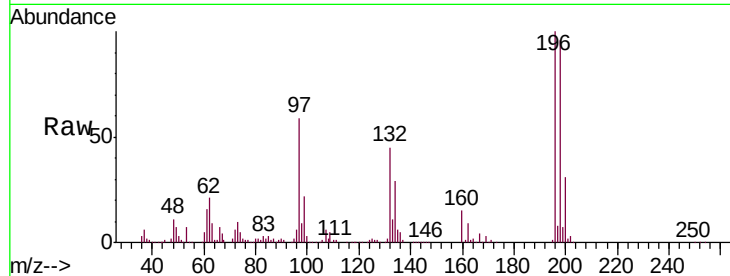




#42
 2,4,6-Trichlorophenol
 Concen: 42.633 ng
 RT: 9.01 min Scan# 1135
 Delta R.T. 0.01 min
 Lab File: BF108904.D
 Acq: 10 Sep 2018 20:17

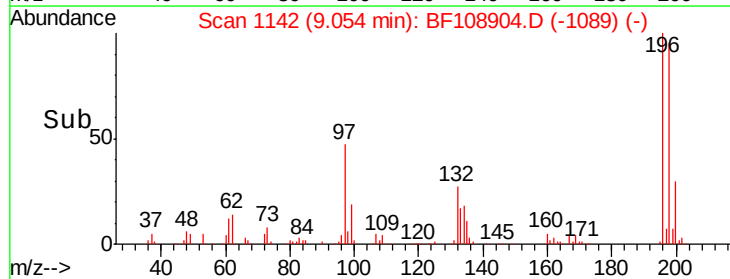
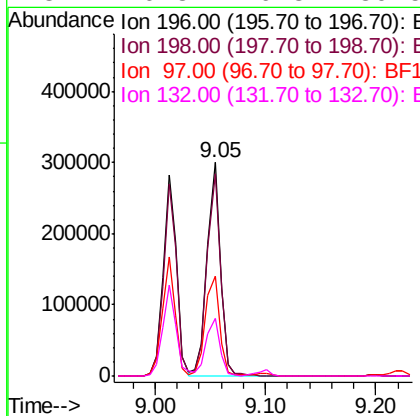
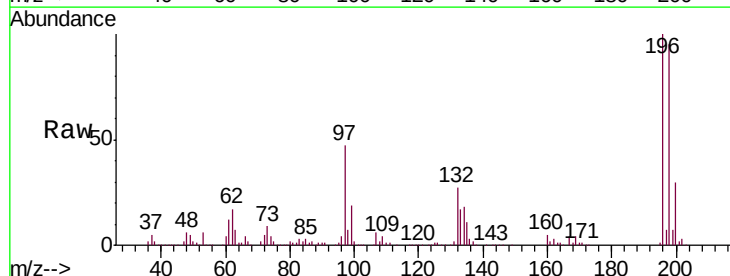
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-025-AMSD

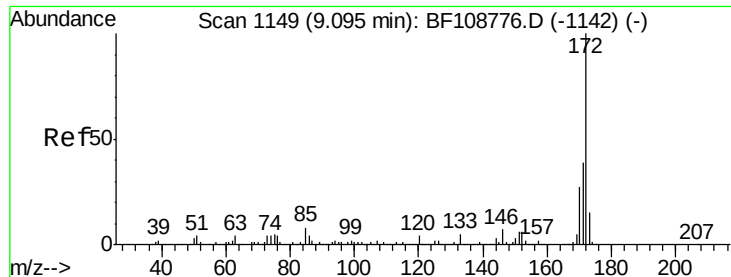
Tgt Ion:	196	Resp:	237021
Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.7	113.5
200	31.0	24.5	36.7



#43
 2,4,5-Trichlorophenol
 Concen: 42.691 ng
 RT: 9.05 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF108904.D
 Acq: 10 Sep 2018 20:17

Tgt Ion:	196	Resp:	246019
Ion	Ratio	Lower	Upper
196	100		
198	94.9	74.6	112.0
97	46.7	42.9	64.3
132	26.8	26.3	39.5

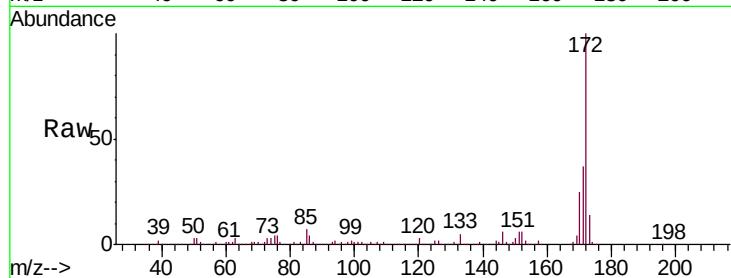




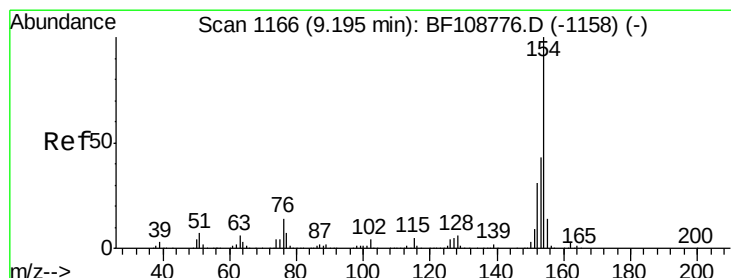
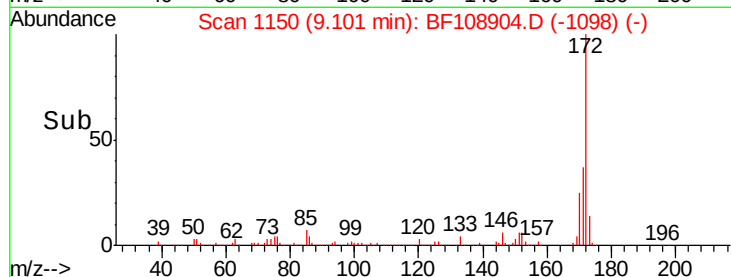
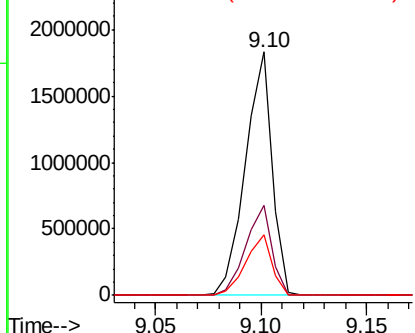
#44
2-Fluorobiphenyl
Concen: 100.610 ng
RT: 9.10 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF108904.D
Acq: 10 Sep 2018 20:17

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-025-AMSD

Tgt Ion:172 Resp: 1610310
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 25.1 19.6 29.4

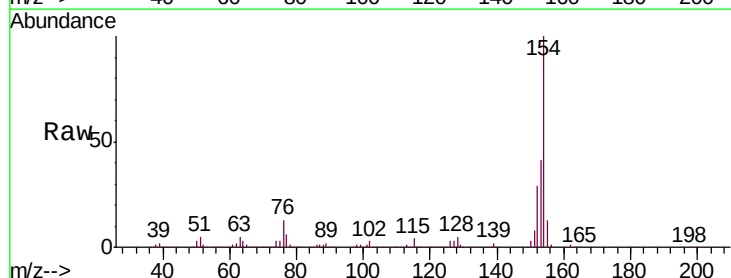


Abundance Ion 172.00 (171.70 to 172.70): E
2500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

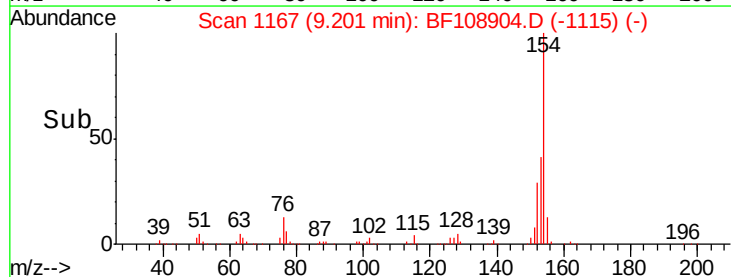
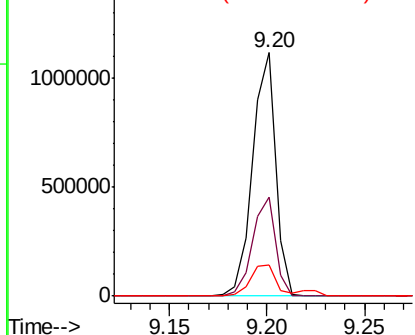


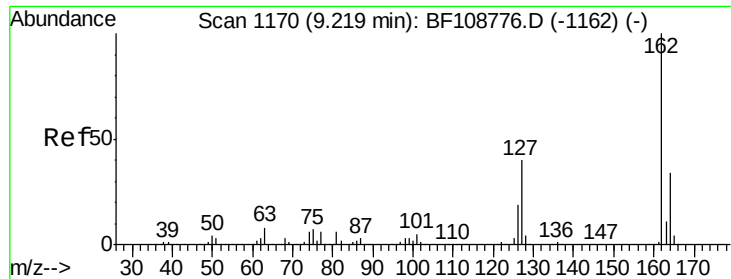
#45
1,1'-Biphenyl
Concen: 43.630 ng
RT: 9.20 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF108904.D
Acq: 10 Sep 2018 20:17

Tgt Ion:154 Resp: 917146
Ion Ratio Lower Upper
154 100
153 40.6 21.3 61.3
76 12.7 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E
1500000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

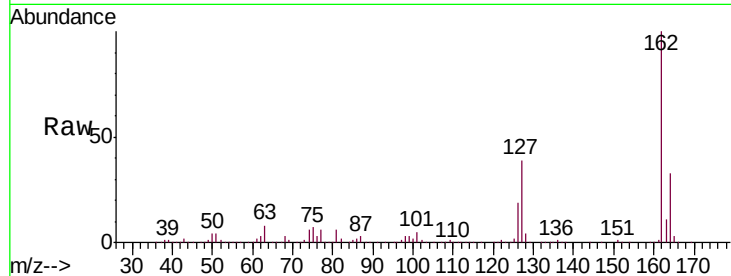




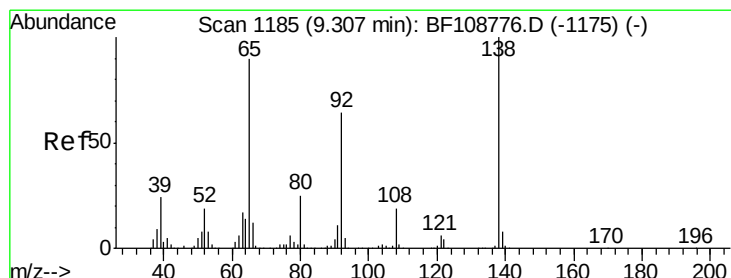
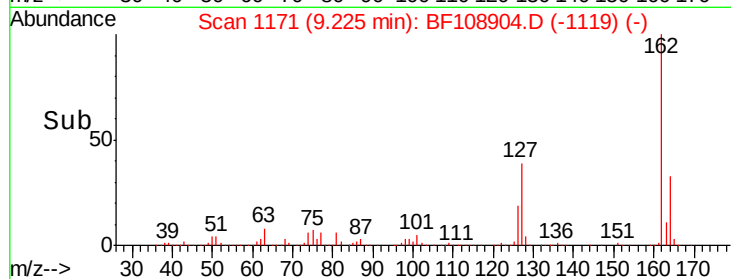
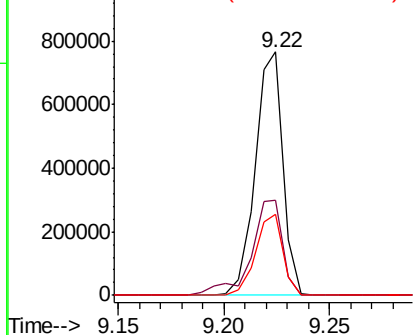
#46
 2-Chloronaphthalene
 Concen: 41.052 ng
 RT: 9.22 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF108904.D
 Acq: 10 Sep 2018 20:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-025-AMSD

Tgt Ion: 162 Resp: 697921
 Ion Ratio Lower Upper
 162 100
 127 39.0 33.9 50.9
 164 33.4 26.5 39.7

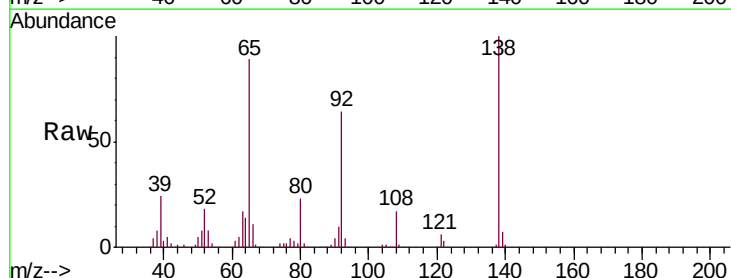


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

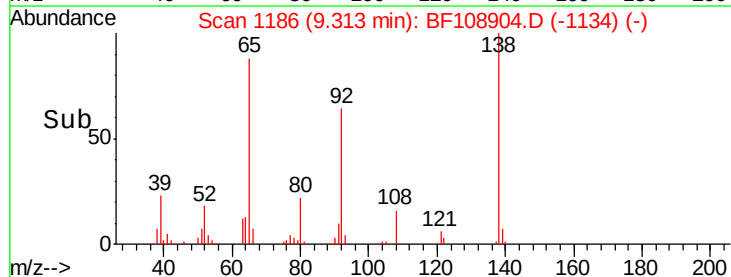
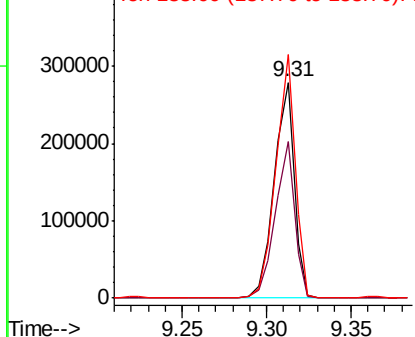


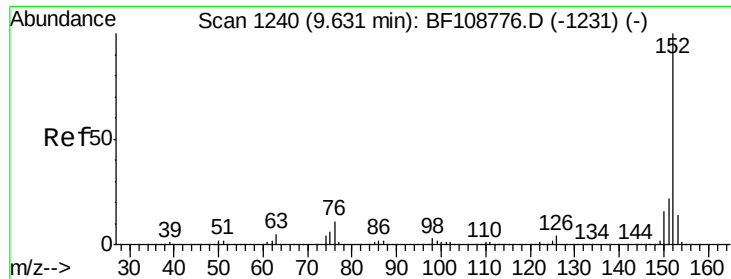
#47
 2-Nitroaniline
 Concen: 49.659 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BF108904.D
 Acq: 10 Sep 2018 20:17

Tgt Ion: 65 Resp: 230637
 Ion Ratio Lower Upper
 65 100
 92 72.4 55.8 83.6
 138 112.7 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 42.789 ng

RT: 9.64 min Scan# 1241

Delta R.T. 0.01 min

Lab File: BF108904.D

Acq: 10 Sep 2018 20:17

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-025-AMSD

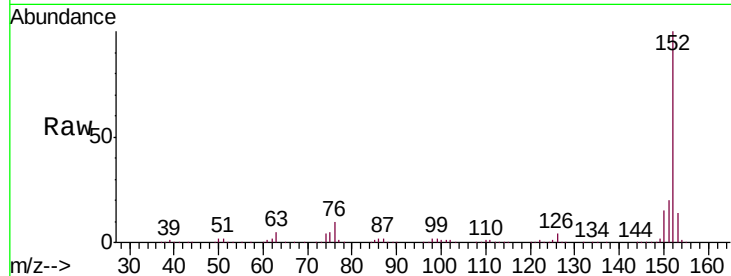
Tgt Ion:152 Resp: 1084327

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

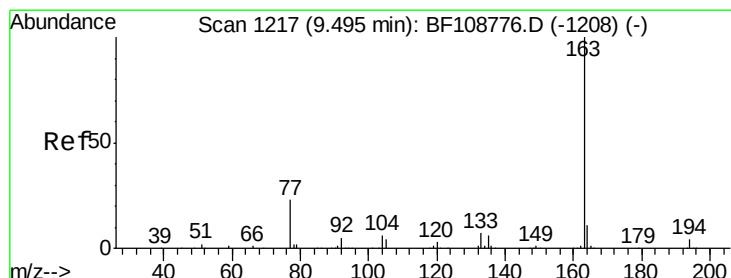
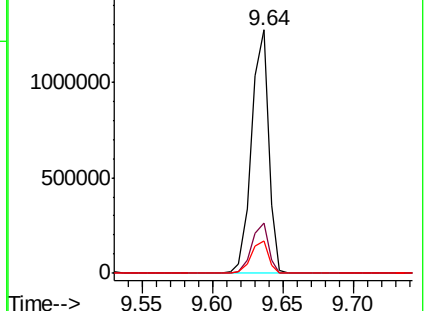
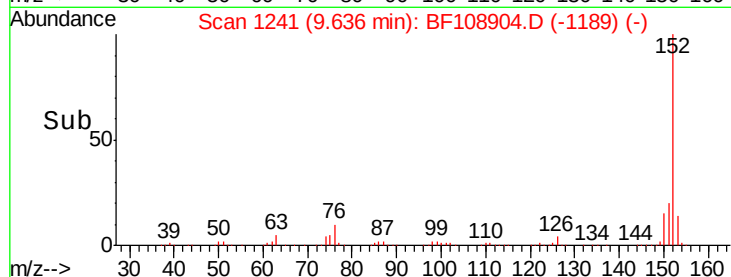
153 13.5 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 62.923 ng

RT: 9.50 min Scan# 1218

Delta R.T. 0.01 min

Lab File: BF108904.D

Acq: 10 Sep 2018 20:17

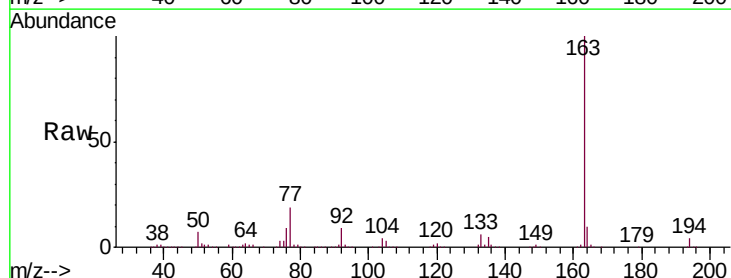
Tgt Ion:163 Resp: 1201710

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

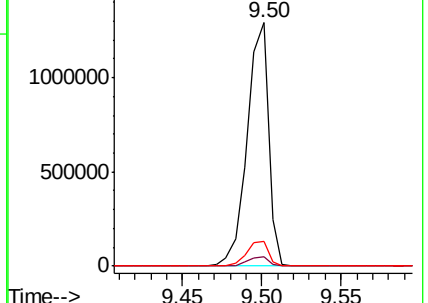
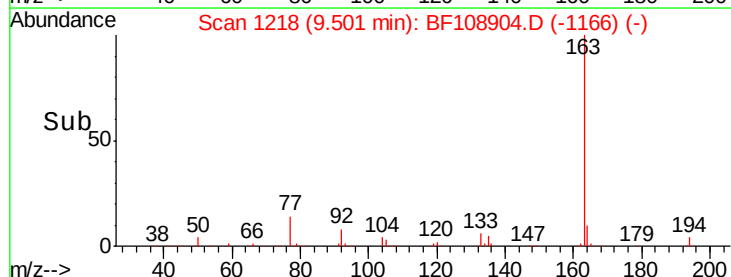
164 10.3 8.2 12.2

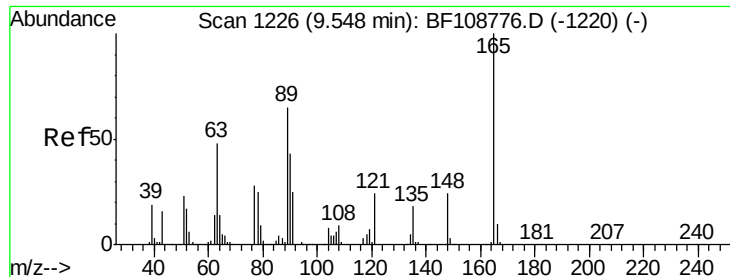


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

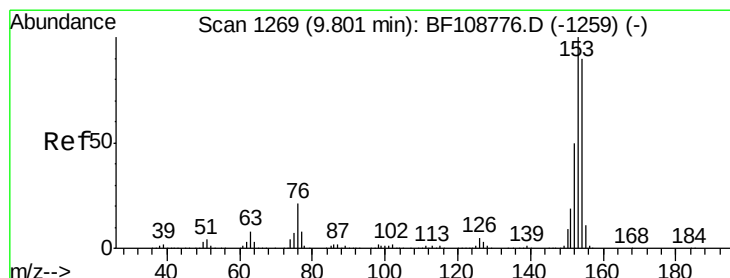
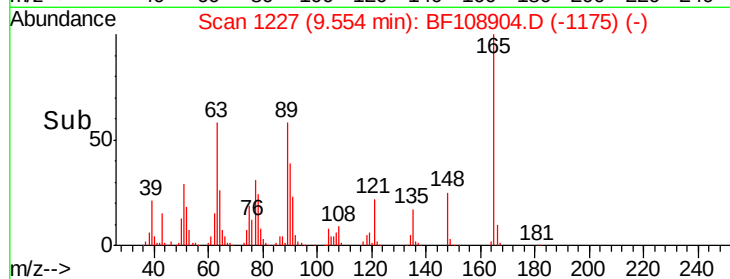
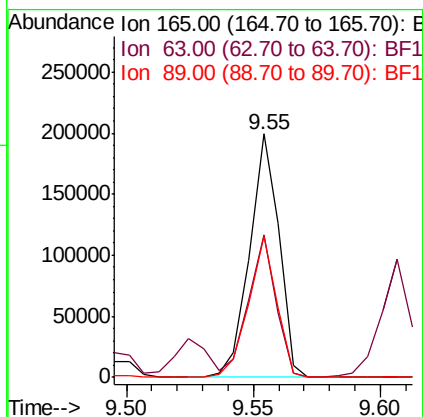
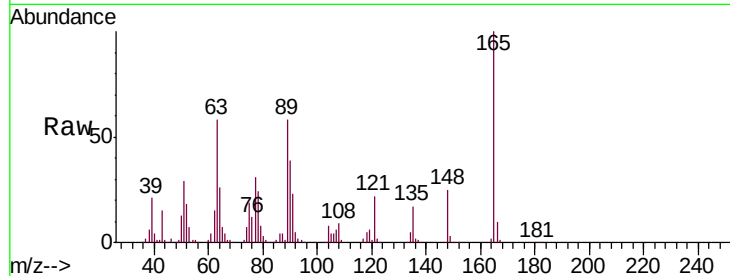




#50
 2,6-Dinitrotoluene
 Concen: 44.210 ng
 RT: 9.55 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF108904.D
 Acq: 10 Sep 2018 20:17

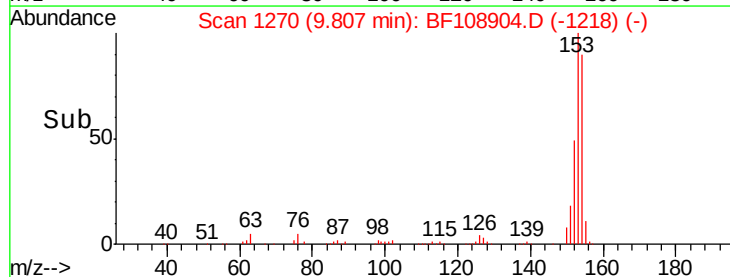
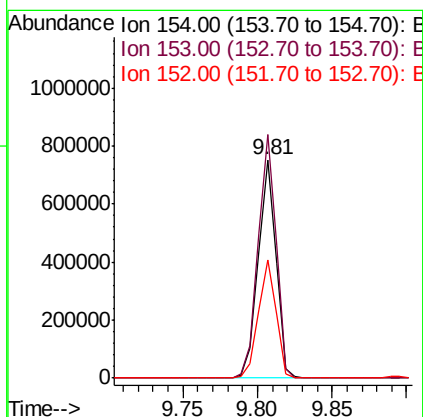
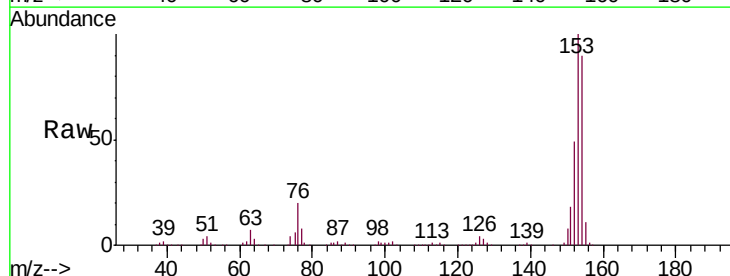
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-025-AMSD

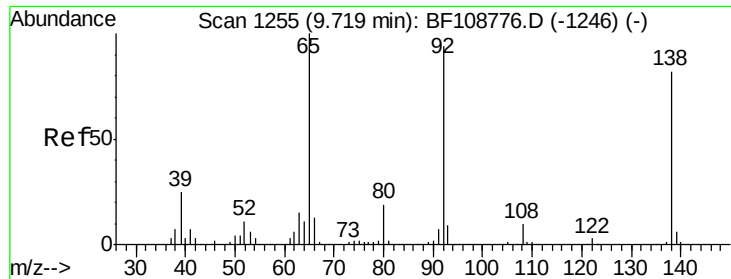
Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.5	44.7	67.1
89	57.8	44.0	66.0



#51
 Acenaphthene
 Concen: 39.225 ng
 RT: 9.81 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: BF108904.D
 Acq: 10 Sep 2018 20:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.5	91.2	136.8
152	54.2	43.8	65.8

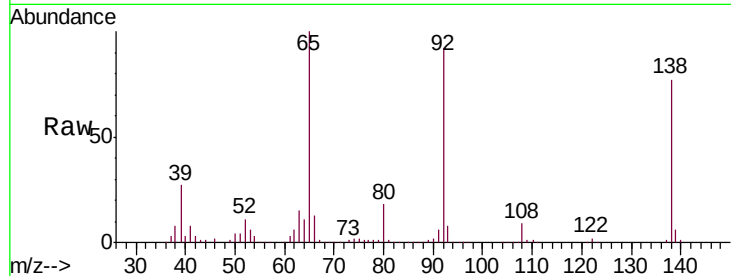




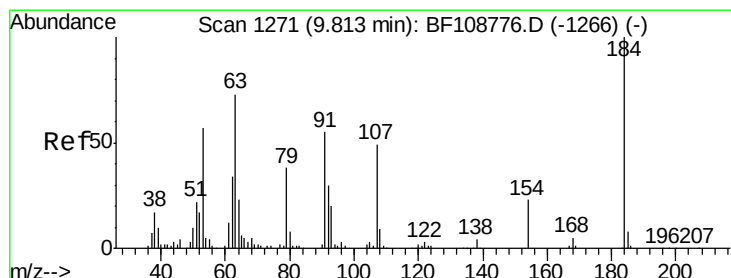
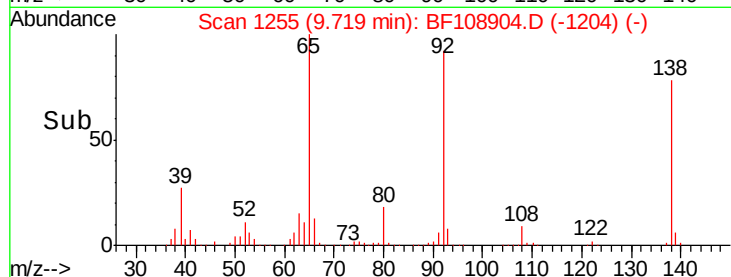
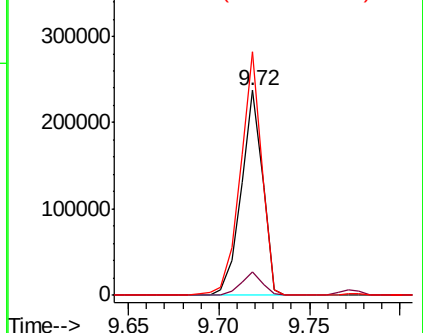
#52
 3-Nitroaniline
 Concen: 44.920 ng
 RT: 9.72 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF108904.D
 Acq: 10 Sep 2018 20:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-025-AMSD

Tgt Ion:138 Resp: 194590
 Ion Ratio Lower Upper
 138 100
 108 11.2 9.4 14.0
 92 118.9 89.4 134.2

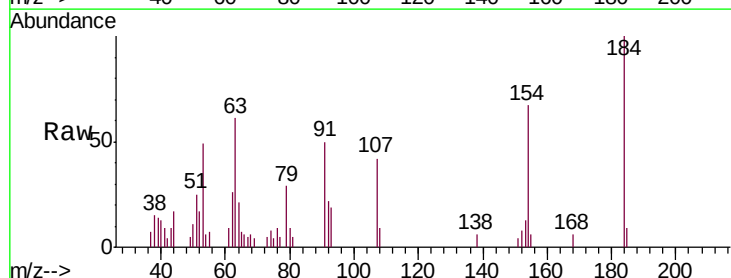


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

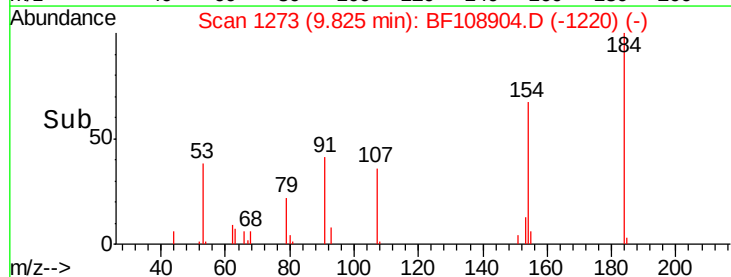
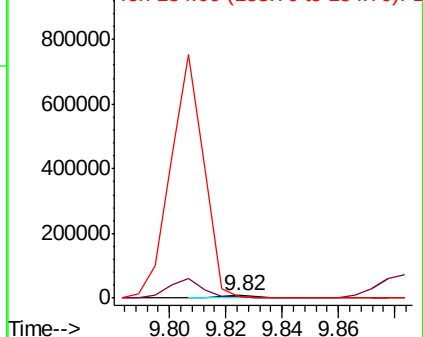


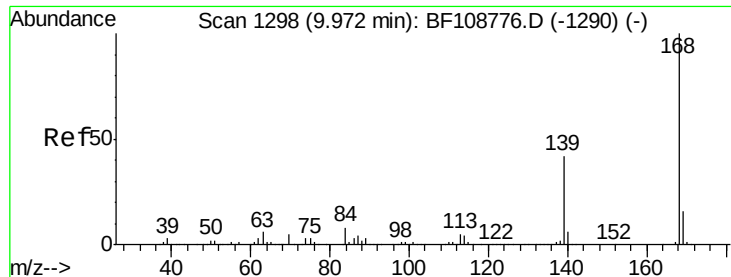
#53
 2,4-Dinitrophenol
 Concen: 13.535 ng
 RT: 9.82 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: BF108904.D
 Acq: 10 Sep 2018 20:17

Tgt Ion:184 Resp: 6407
 Ion Ratio Lower Upper
 184 100
 63 61.0 54.2 81.2
 154 67.0 184.0 276.0#



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

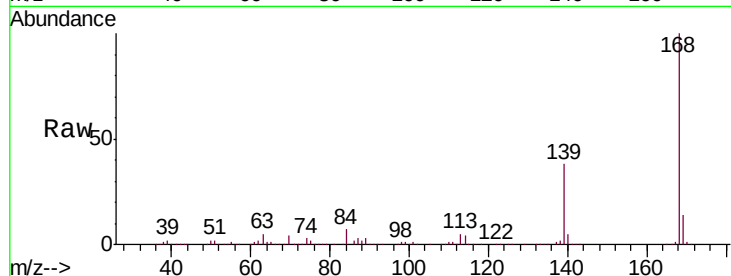




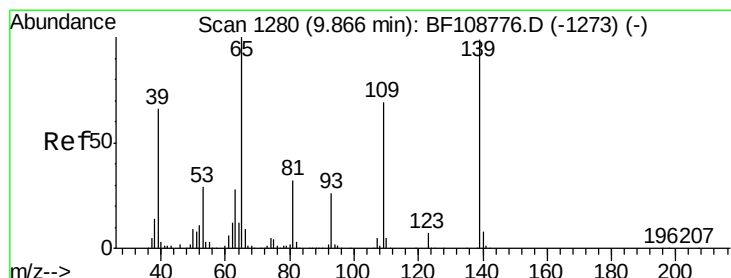
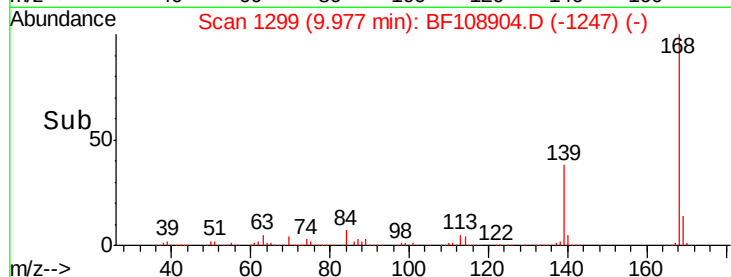
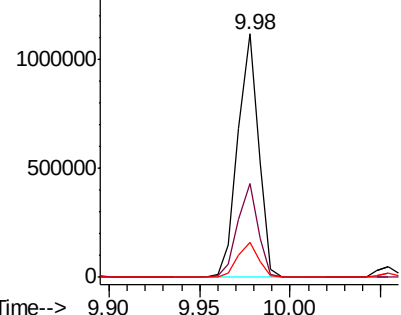
#54
Dibenzenofuran
Concen: 39.089 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF108904.D
Acq: 10 Sep 2018 20:17

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-025-AMSD

Tgt Ion:168 Resp: 893517
Ion Ratio Lower Upper
168 100
139 38.4 30.1 45.1
169 14.2 10.9 16.3

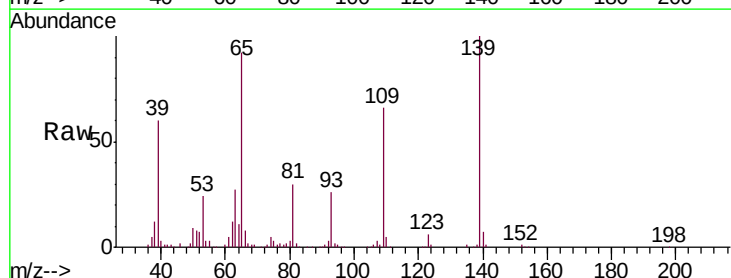


Abundance Ion 168.00 (167.70 to 168.70): E
1500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

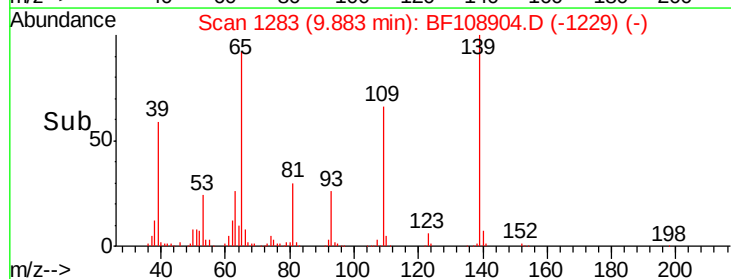
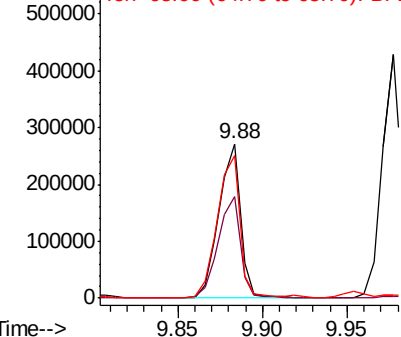


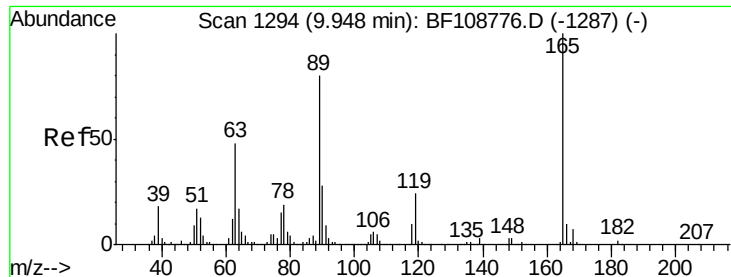
#55
4-Nitrophenol
Concen: 75.186 ng
RT: 9.88 min Scan# 1283
Delta R.T. 0.02 min
Lab File: BF108904.D
Acq: 10 Sep 2018 20:17

Tgt Ion:139 Resp: 243487
Ion Ratio Lower Upper
139 100
109 66.2 48.4 88.4
65 92.2 72.6 112.6



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

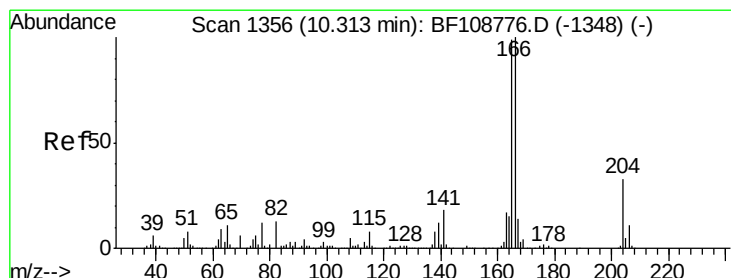
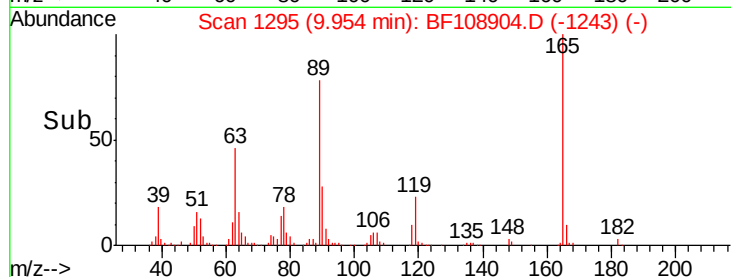
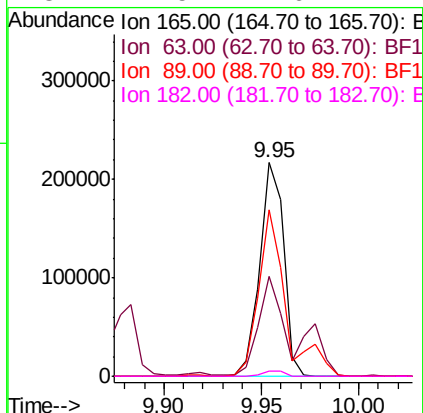
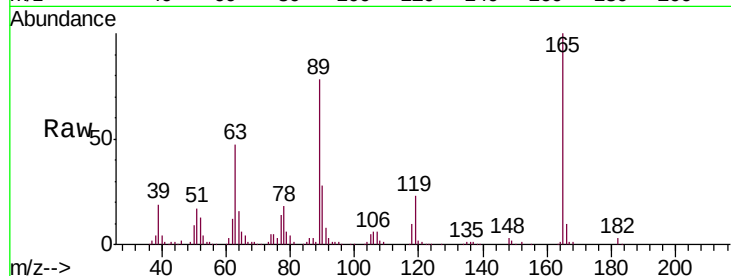




#56
 2,4-Dinitrotoluene
 Concen: 39.709 ng
 RT: 9.95 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: BF108904.D
 Acq: 10 Sep 2018 20:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-025-AMSD

Tgt Ion:	165	Resp:	184801
Ion	Ratio	Lower	Upper
165	100		
63	46.9	36.4	54.6
89	78.0	57.8	86.6
182	2.5	1.6	2.4#



#57
 Fluorene
 Concen: 43.004 ng
 RT: 10.32 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF108904.D
 Acq: 10 Sep 2018 20:17

Tgt Ion:	166	Resp:	630831
Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.8	119.8
167	13.6	10.6	16.0

