

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA F\Data\BF110317\
 Data File : BF100168.D
 Acq On : 4 Nov 2017 7:34
 Operator : SJ/JU
 Sample : I6143-04MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

Quant Time: Nov 04 11:49:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.769	152	115296	20.00	ng	0.00
21) Naphthalene-d8	8.051	136	456166	20.00	ng	0.00
38) Acenaphthene-d10	9.810	164	194564	20.00	ng	0.00
63) Phenanthrene-d10	11.298	188	307348	20.00	ng	0.00
75) Chrysene-d12	13.951	240	178324	20.00	ng	0.00
86) Perylene-d12	15.415	264	186221	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.398	112	544491	74.14	ng	0.00
7) Phenol-d6	6.422	99	420779	48.32	ng	0.00
23) Nitrobenzene-d5	7.351	82	665507	93.93	ng	0.00
41) 2,4,6-Tribromophenol	10.610	330	214497	120.97	ng	0.00
44) 2-Fluorobiphenyl	9.134	172	1227424	97.33	ng	0.00
78) Terphenyl-d14	12.880	244	782984	95.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.534	88	53512	16.50	ng	# 88
3) Pyridine	3.357	79	84764	10.87	ng	# 82
4) n-Nitrosodimethylamine	3.257	42	47969	17.22	ng	# 64
6) Aniline	6.445	93	224452	19.88	ng	# 91
8) 2-Chlorophenol	6.563	128	290887	37.16	ng	92
9) Benzaldehyde	6.334	77	151378	29.09	ng	88
10) Phenol	6.434	94	164555	17.21	ng	96
11) bis(2-Chloroethyl)ether	6.510	93	305328	41.36	ng	94
12) 1,3-Dichlorobenzene	6.787	146	363267	41.34	ng	97
13) 1,4-Dichlorobenzene	6.787	146	363267	40.73	ng	97
14) 1,2-Dichlorobenzene	6.940	146	325369	40.03	ng	96
15) Benzyl Alcohol	6.928	79	153112	27.65	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.040	45	385682	47.03	ng	62
17) 2-Methylphenol	7.045	107	198841	30.37	ng	# 84
18) Hexachloroethane	7.269	117	113515	38.15	ng	99
19) n-Nitroso-di-n-propyla...	7.198	70	210292	41.21	ng	# 86
20) 3+4-Methylphenols	7.204	107	233423	30.62	ng	95
22) Acetophenone	7.192	105	444429	42.79	ng	# 90
24) Nitrobenzene	7.369	77	309019	43.28	ng	90
25) Isophorone	7.598	82	603286	46.92	ng	97
26) 2-Nitrophenol	7.681	139	188127	46.01	ng	# 83
27) 2,4-Dimethylphenol	7.722	122	248967	41.32	ng	93
28) bis(2-Chloroethoxy)met...	7.804	93	394553	43.82	ng	99
29) 2,4-Dichlorophenol	7.928	162	280558	44.83	ng	96
30) 1,2,4-Trichlorobenzene	7.998	180	286104	42.78	ng	99
31) Naphthalene	8.075	128	929962	42.23	ng	99
32) Benzoic acid	7.863	122	44558	8.40	ng	92
33) 4-Chloroaniline	8.139	127	183142	20.14	ng	# 94
34) Hexachlorobutadiene	8.181	225	143779	41.80	ng	98
35) Caprolactam	8.539	113	16236	8.25	ng	# 75
36) 4-Chloro-3-methylphenol	8.628	107	246767	38.63	ng	93
37) 2-Methylnaphthalene	8.769	142	630200	42.71	ng	98
39) 1,2,4,5-Tetrachloroben...	8.934	216	263301	41.90	ng	# 97
40) Hexachlorocyclopentadiene	8.910	237	15766	23.81	ng	98

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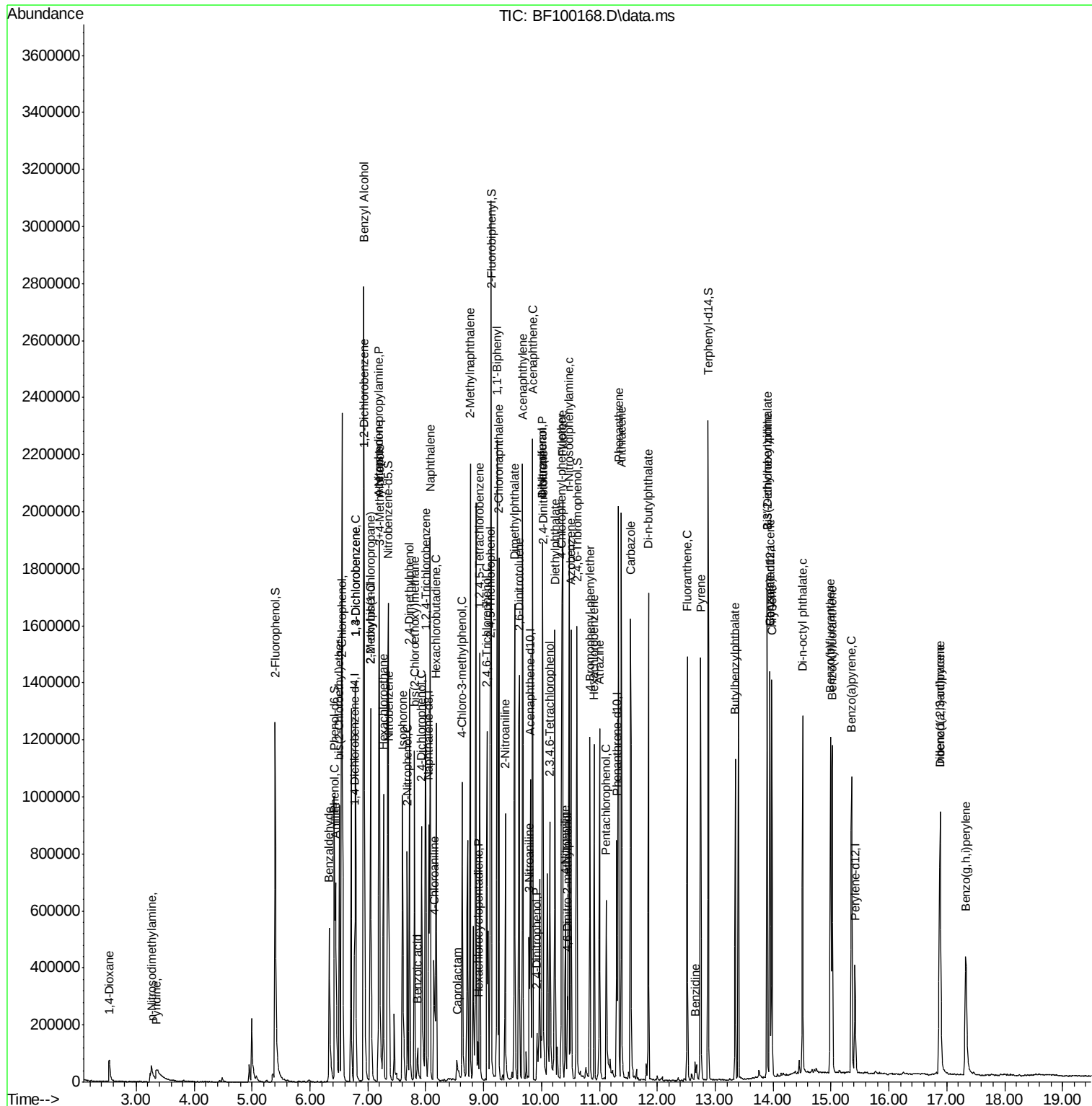
Instrument :
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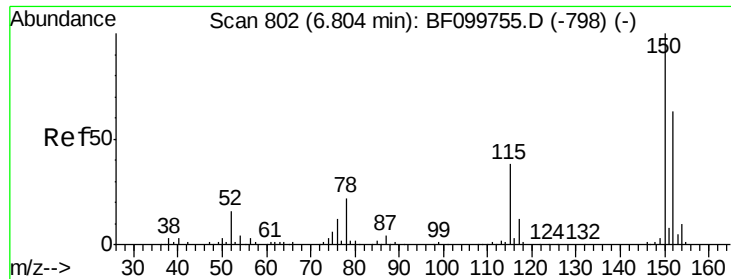
Quant Time: Nov 04 11:49:55 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.057	196	172688	45.43	nq	99
43) 2,4,5-Trichlorophenol	9.110	196	168772	41.84	nq	# 93
45) 1,1'-Biphenyl	9.234	154	732134	41.60	nq	98
46) 2-Chloronaphthalene	9.263	162	576762	45.12	nq	95
47) 2-Nitroaniline	9.375	65	147901	44.09	nq	# 77
48) Acenaphthylene	9.675	152	823776	41.84	nq	100
49) Dimethylphthalate	9.539	163	665976	43.22	nq	100
50) 2,6-Dinitrotoluene	9.616	165	142972	44.14	nq	90
51) Acenaphthene	9.845	154	503933	41.89	nq	99
52) 3-Nitroaniline	9.786	138	102180	26.77	nq	93
53) 2,4-Dinitrophenol	9.922	184	59456	48.90	nq	# 78
54) Dibenzofuran	10.016	168	760383	44.78	nq	99
55) 4-Nitrophenol	10.016	139	332424	166.70	nq	# 12
56) 2,4-Dinitrotoluene	10.028	165	187595	48.09	nq	# 84
57) Fluorene	10.363	166	585395	41.64	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.145	232	128517	45.44	nq	# 88
59) Diethylphthalate	10.233	149	630438	41.90	nq	97
60) 4-Chlorophenyl-phenyle...	10.345	204	279123	42.18	nq	95
61) 4-Nitroaniline	10.410	138	129857	35.66	nq	84
62) Azobenzene	10.510	77	533075	42.26	nq	87
64) 4,6-Dinitro-2-methylph...	10.445	198	47264	24.46	nq	# 76
65) n-Nitrosodiphenylamine	10.475	169	527554	46.50	nq	98
66) 4-Bromophenyl-phenylether	10.839	248	156530	48.38	nq	# 85
67) Hexachlorobenzene	10.910	284	149384	45.13	nq	96
68) Atrazine	11.004	200	161336	47.34	nq	98
69) Pentachlorophenol	11.116	266	105051	74.27	nq	98
70) Phenanthrene	11.327	178	746184	43.02	nq	98
71) Anthracene	11.380	178	762677	43.32	nq	99
72) Carbazole	11.539	167	682257	41.21	nq	99
73) Di-n-butylphthalate	11.851	149	922178	43.67	nq	# 98
74) Fluoranthene	12.516	202	636960	35.34	nq	99
76) Benzidine	12.651	184	38567	4.94	nq	98
77) Pyrene	12.751	202	631368	46.56	nq	98
79) Butylbenzylphthalate	13.351	149	297372	44.54	nq	# 84
80) Benzo(a)anthracene	13.945	228	498986	44.14	nq	99
81) 3,3'-Dichlorobenzidine	13.898	252	107288	26.15	nq	98
82) Chrysene	13.980	228	479498	45.12	nq	98
83) Bis(2-ethylhexyl)phtha...	13.898	149	388729	41.46	nq	98
84) Di-n-octyl phthalate	14.510	149	655774	40.75	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.892	276	449635	46.09	nq	96
87) Benzo(b)fluoranthene	14.992	252	507745	43.18	nq	98
88) Benzo(k)fluoranthene	15.021	252	511235	46.11	nq	99
89) Benzo(a)pyrene	15.357	252	494681	46.83	nq	98
90) Dibenzo(a,h)anthracene	16.880	278	388996	41.45	nq	98
91) Benzo(g,h,i)perylene	17.327	276	366269	39.89	nq	94

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.769 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

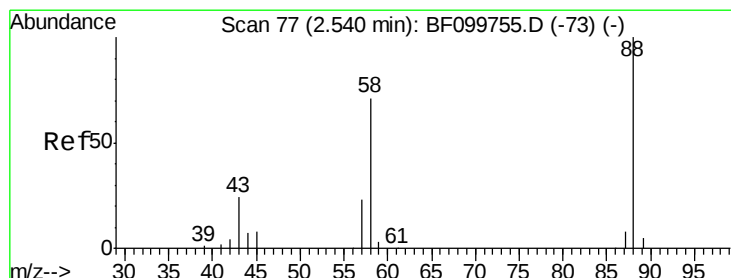
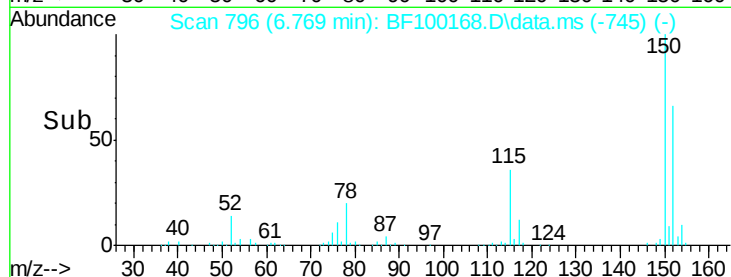
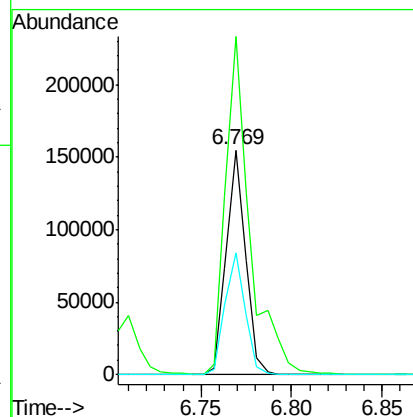
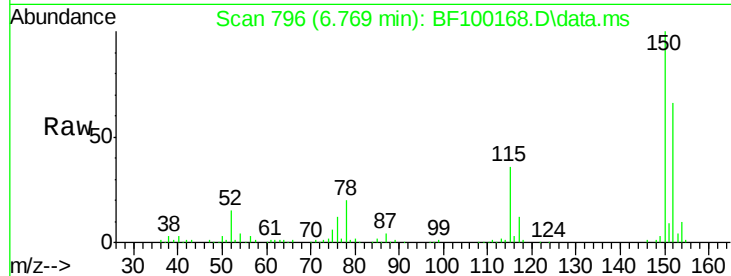
Tot Ion:152 Resp: 115296

Ion Ratio Lower Upper

152 100

150 150.7 124.6 186.8

115 54.4 50.1 75.1



#2

1,4-Dioxane

Concen: 16.50 ng

RT: 2.534 min Scan# 76

Delta R.T. 0.065 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

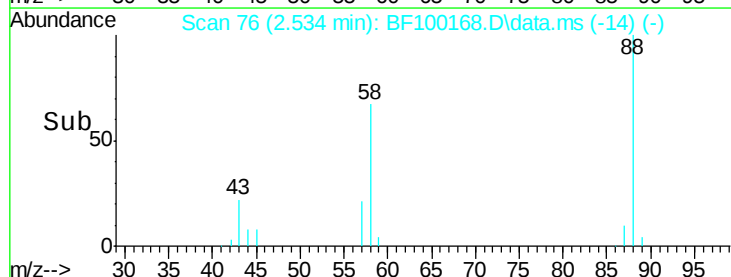
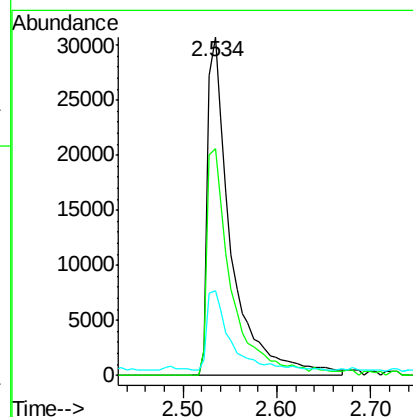
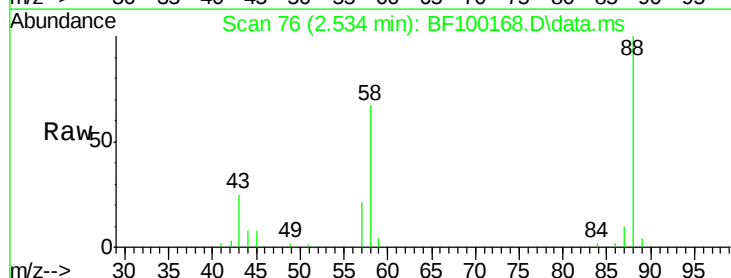
Tgt Ion: 88 Resp: 53512

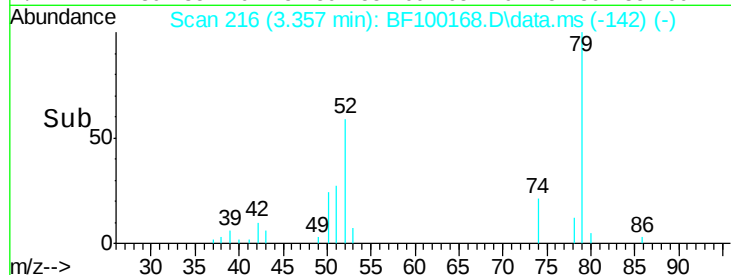
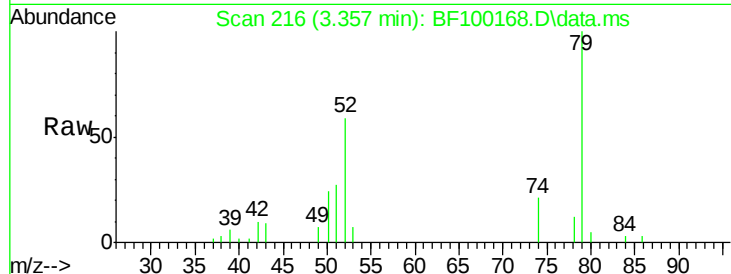
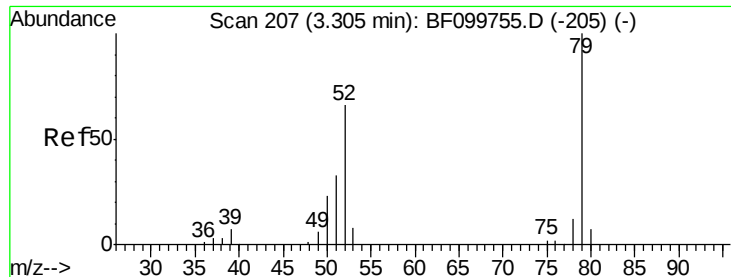
Ion Ratio Lower Upper

88 100

58 68.5 62.6 93.8

43 23.2 24.6 37.0#

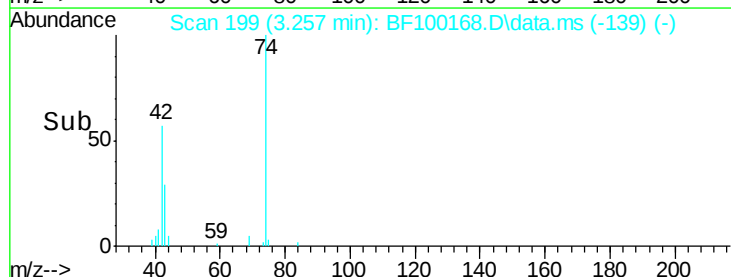
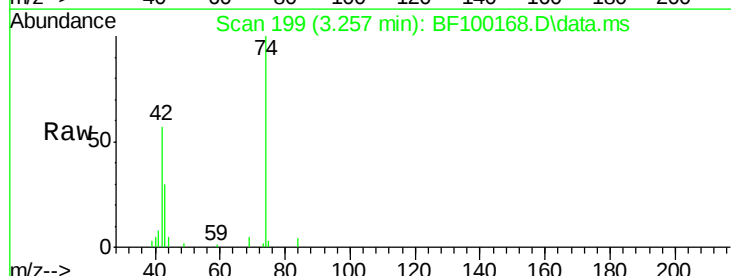
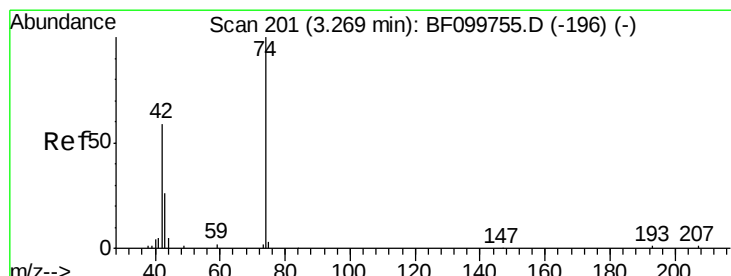
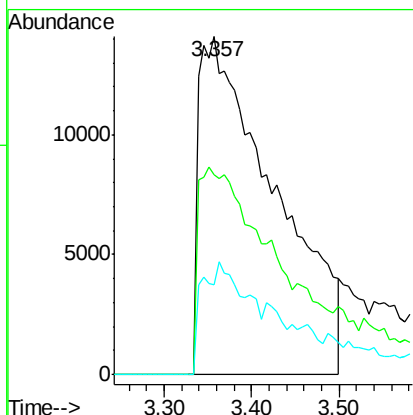




#3
 Pvridine
 Concen: 10.87 ng
 RT: 3.357 min Scan# 21
 Delta R.T. 0.135 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

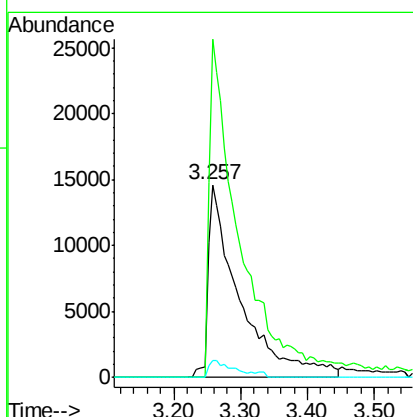
Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

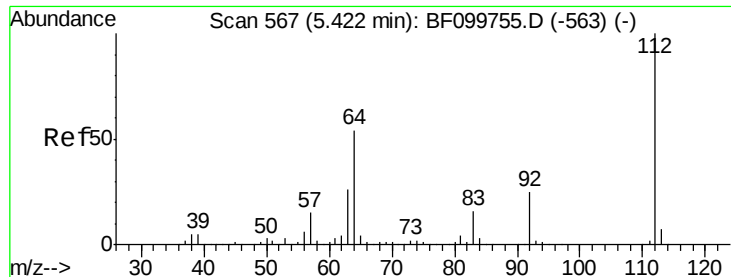
Tot Ion: 79 Resp: 84764
 Ion Ratio Lower Upper
 79 100
 52 59.0 59.8 89.6#
 51 26.6 29.8 44.8#



#4
 n-Nitrosodimethylamine
 Concen: 17.22 ng
 RT: 3.257 min Scan# 199
 Delta R.T. 0.053 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

Tgt Ion: 42 Resp: 47969
 Ion Ratio Lower Upper
 42 100
 74 175.5 104.9 157.3#
 44 8.5 6.9 10.3





#5

2-Fluorophenol

Concen: 74.14 ng

RT: 5.398 min Scan# 56

Delta R.T. 0.006 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

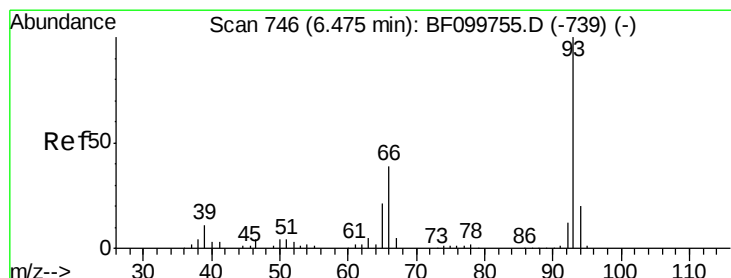
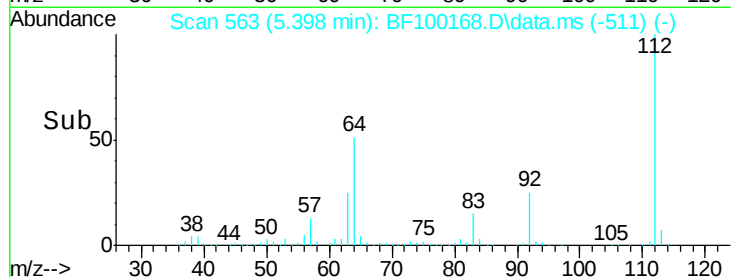
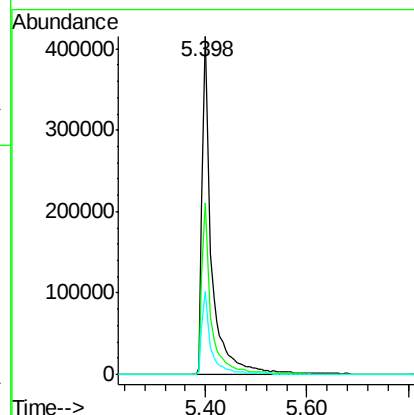
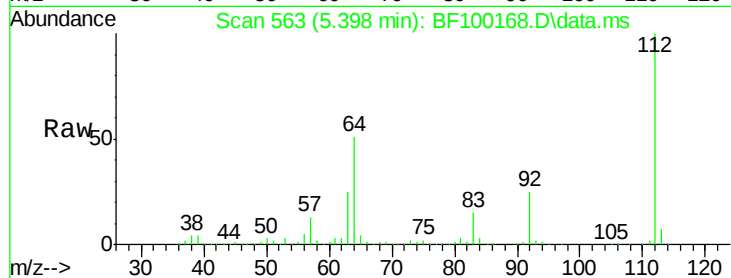
Tot Ion:112 Resp: 544491

Ion Ratio Lower Upper

112 100

64 50.8 47.9 71.9

63 24.7 23.7 35.5



#6

Aniline

Concen: 19.88 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

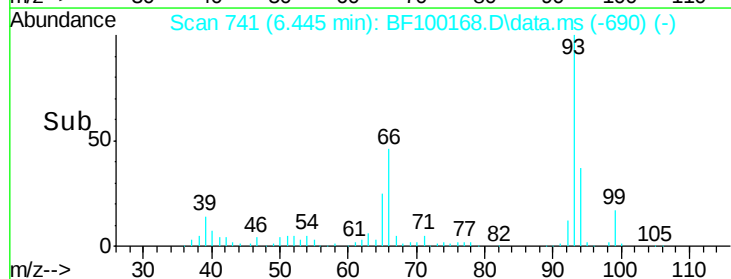
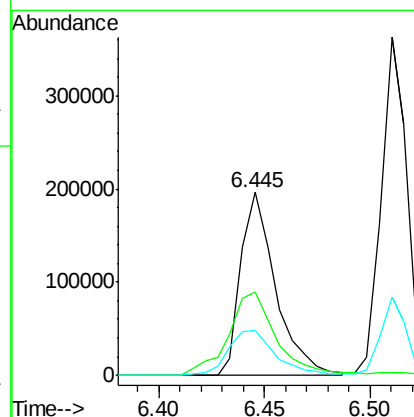
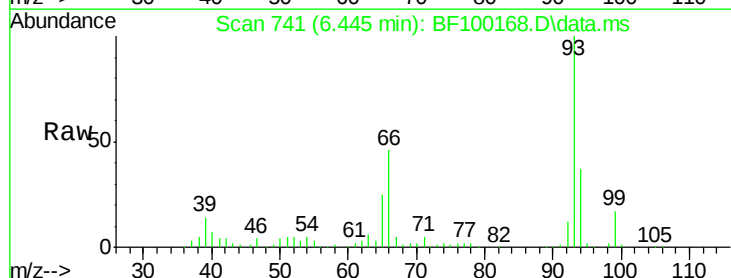
Tgt Ion: 93 Resp: 224452

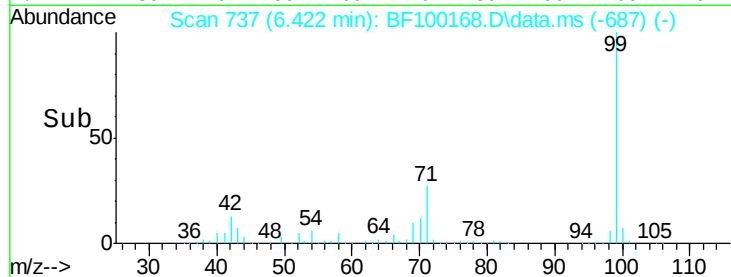
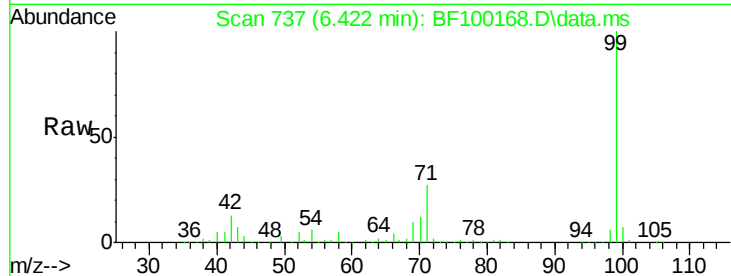
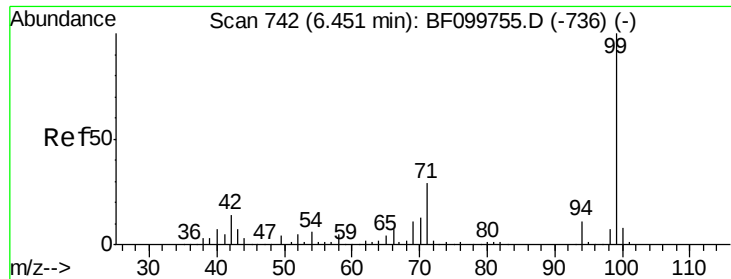
Ion Ratio Lower Upper

93 100

66 45.6 32.2 48.2

65 24.9 16.4 24.6#





#7

Phenol-d6

Concen: 48.32 ng

RT: 6.422 min Scan# 73

Delta R.T. -0.006 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

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BNA_F

ClientSampleId :

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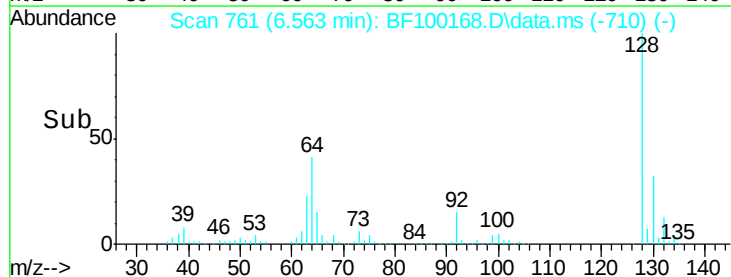
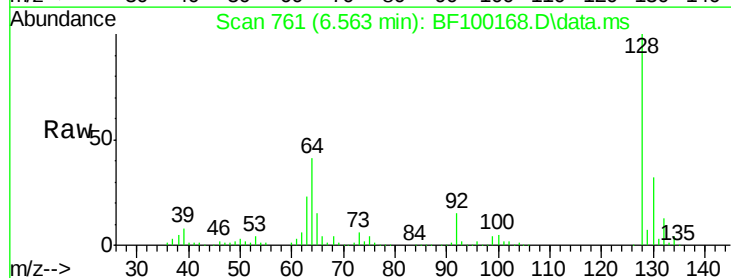
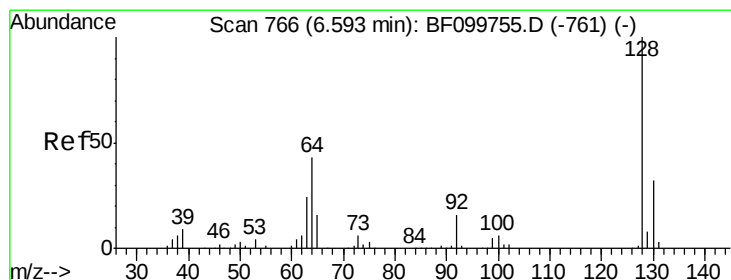
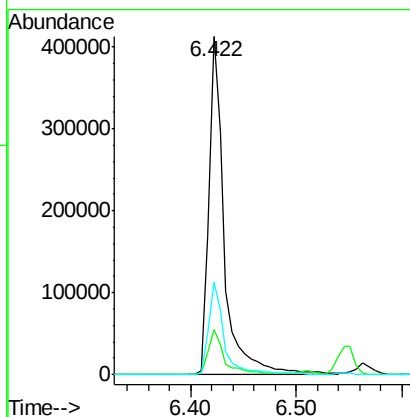
Tot Ion: 99 Resp: 420779

Ion Ratio Lower Upper

99 100

42 13.5 14.5 21.7#

71 27.4 25.4 38.0



#8

2-Chlorophenol

Concen: 37.16 ng

RT: 6.563 min Scan# 761

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

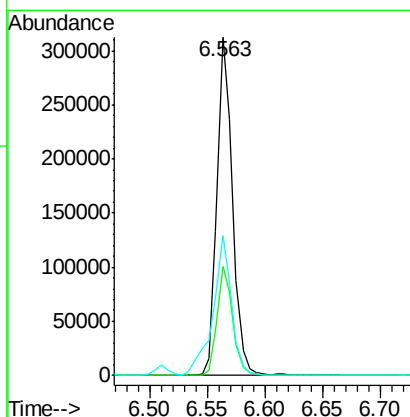
Tgt Ion: 128 Resp: 290887

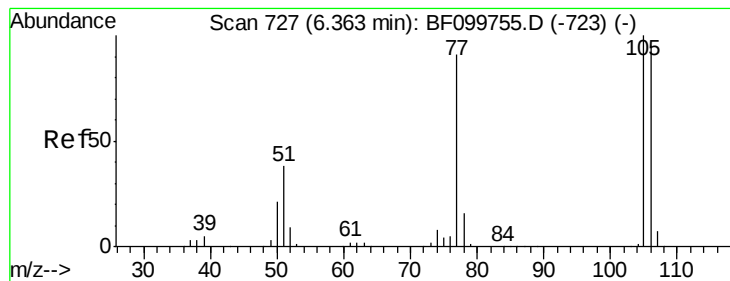
Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

64 41.4 29.4 69.4





#9

Benzaldehyde

Concen: 29.09 ng

RT: 6.334 min Scan# 72

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

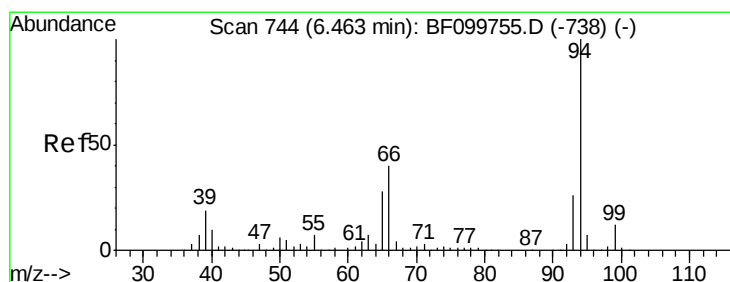
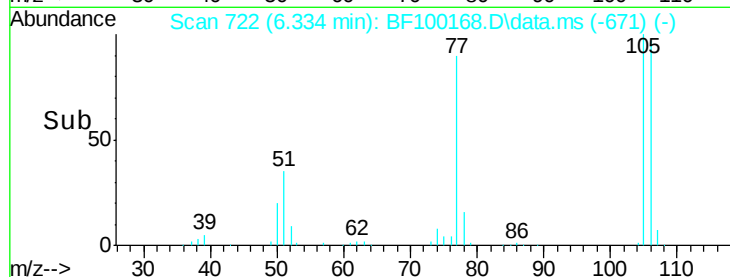
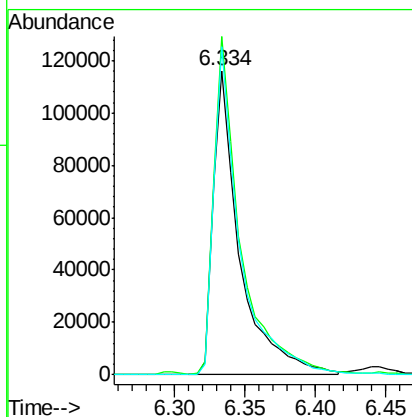
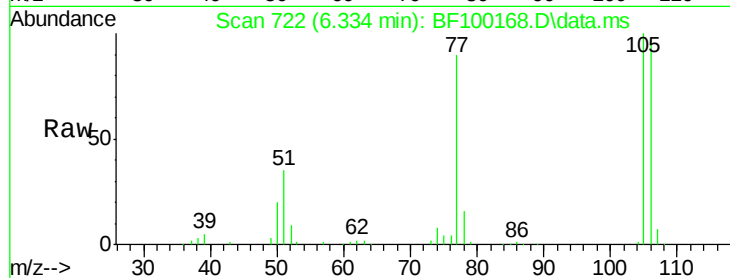
Tot Ion: 77 Resp: 151378

Ion Ratio Lower Upper

77 100

105 111.2 81.1 121.1

106 108.0 74.5 114.5



#10

Phenol

Concen: 17.21 ng

RT: 6.434 min Scan# 739

Delta R.T. -0.006 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

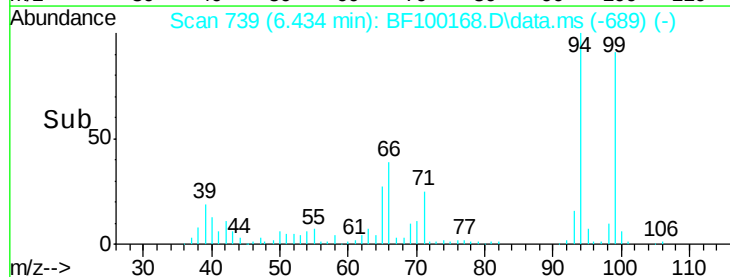
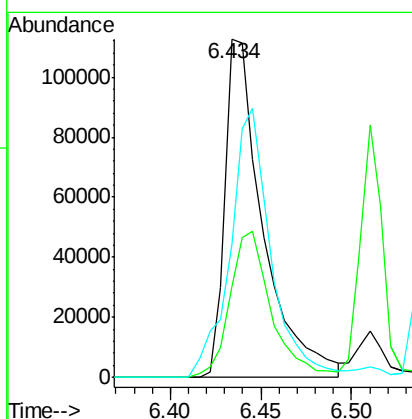
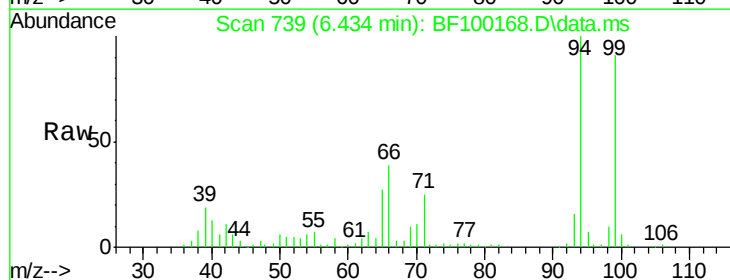
Tgt Ion: 94 Resp: 164555

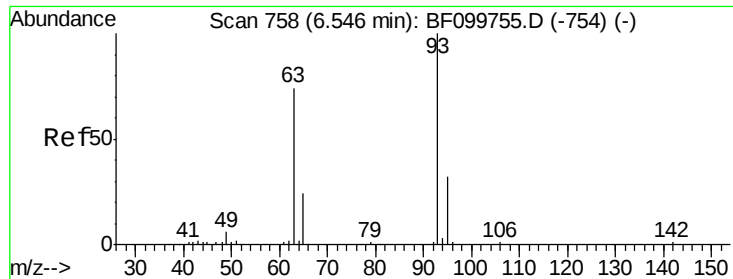
Ion Ratio Lower Upper

94 100

65 27.1 7.9 47.9

66 39.4 16.2 56.2

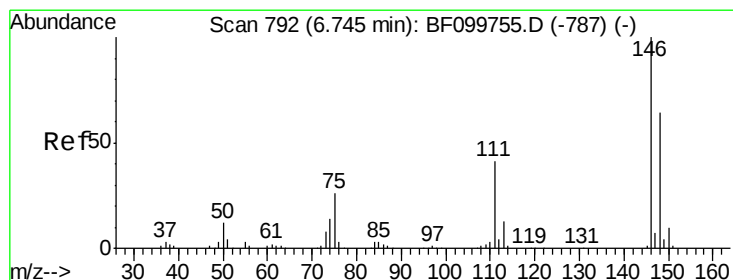
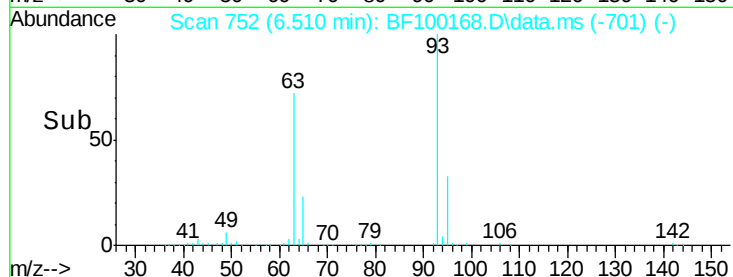
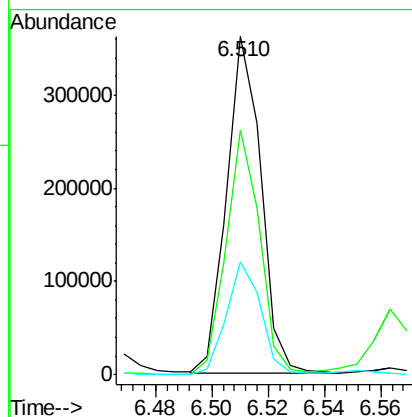
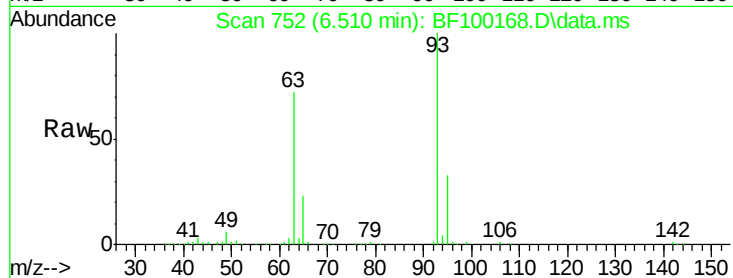




#11
bis(2-Chloroethyl)ether
Concen: 41.36 ng
RT: 6.510 min Scan# 75
Delta R.T. 0.000 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

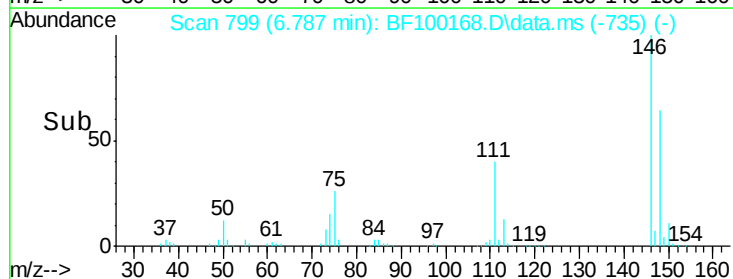
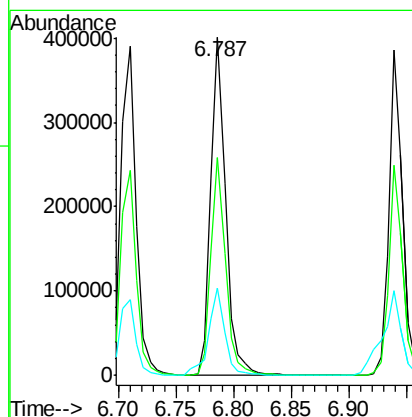
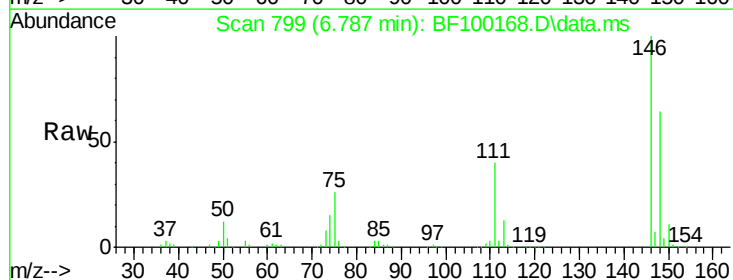
Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

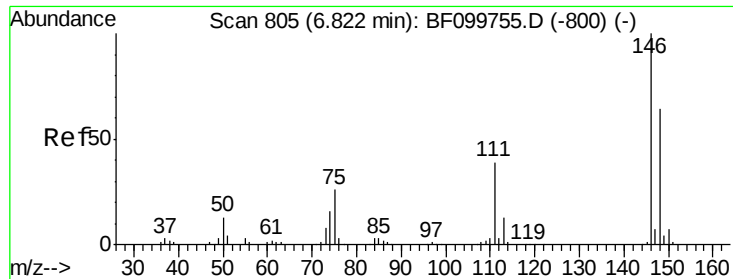
Tot Ion: 93 Resp: 305328
Ion Ratio Lower Upper
93 100
63 72.5 58.6 98.6
95 33.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 41.34 ng
RT: 6.787 min Scan# 799
Delta R.T. 0.077 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion: 146 Resp: 363267
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
75 25.7 24.2 36.4

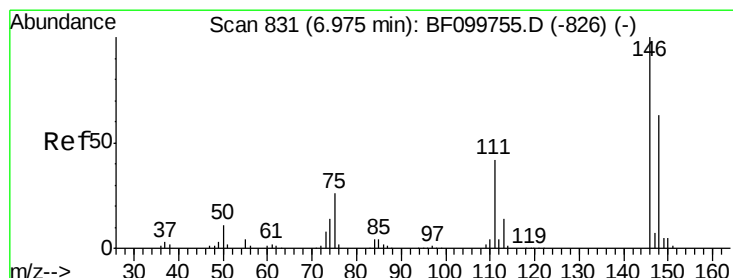
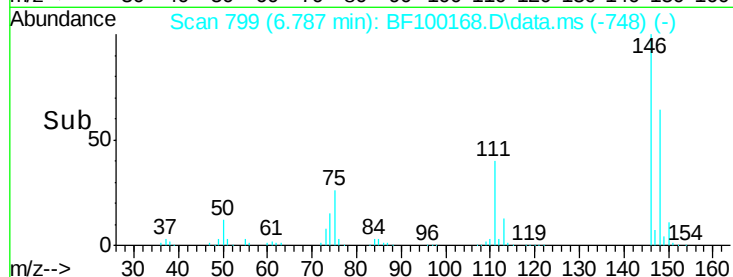
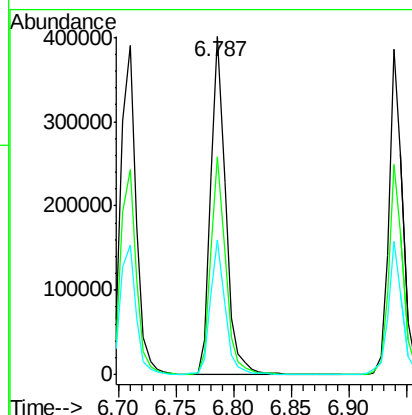
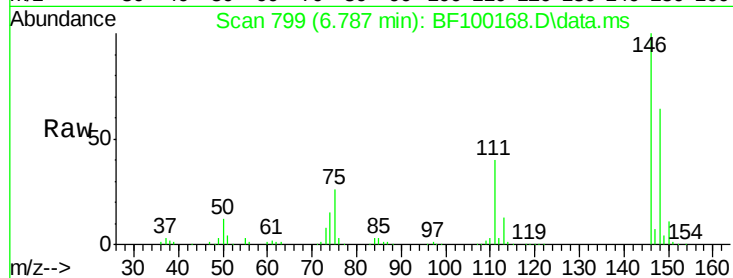




#13
 1,4-Dichlorobenzene
 Concen: 40.73 ng
 RT: 6.787 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

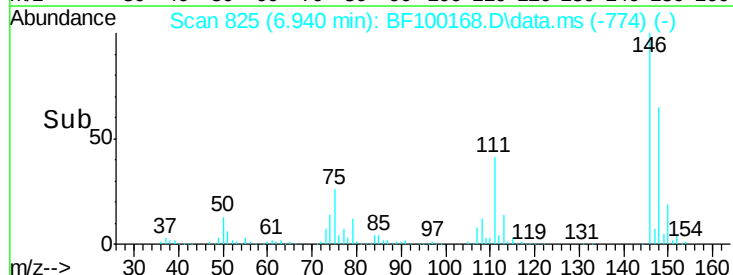
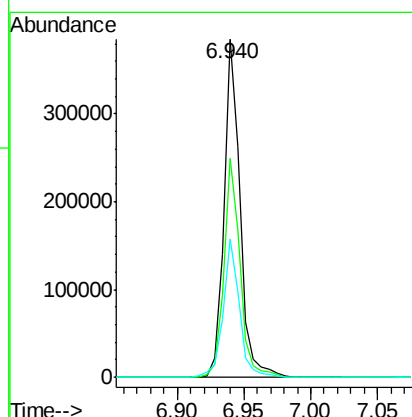
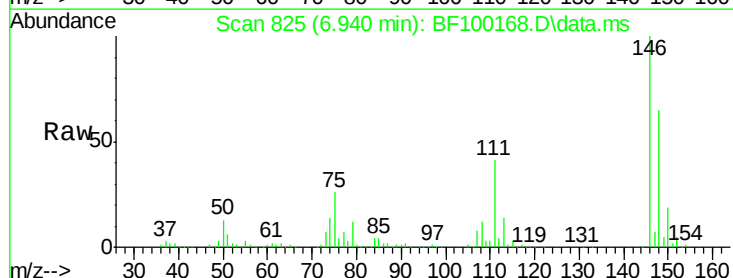
Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

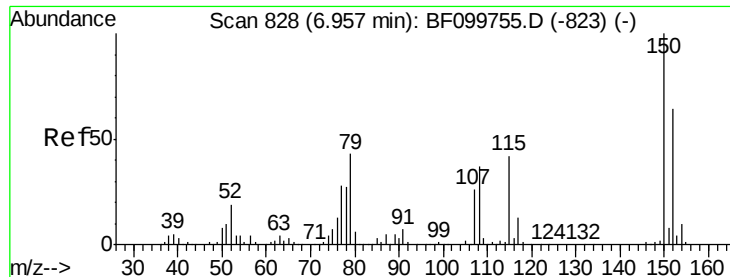
Tot Ion:146 Resp: 363267
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.8 76.2
 111 39.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.03 ng
 RT: 6.940 min Scan# 825
 Delta R.T. 0.000 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

Tgt Ion:146 Resp: 325369
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.6 75.8
 111 41.0 36.0 54.0





#15

Benzyl Alcohol

Concen: 27.65 ng

RT: 6.928 min Scan# 82

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

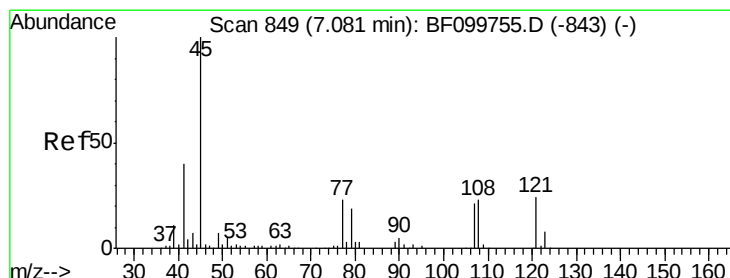
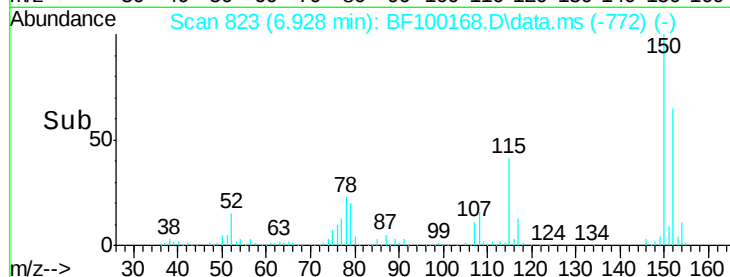
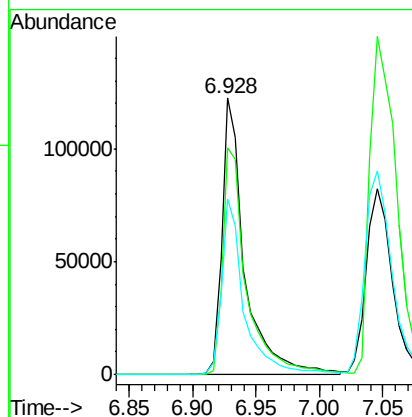
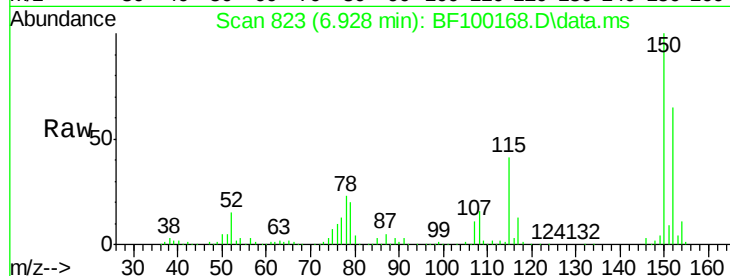
Tot Ion: 79 Resp: 153112

Ion Ratio Lower Upper

79 100

108 81.9 65.1 97.7

77 63.6 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.03 ng

RT: 7.040 min Scan# 842

Delta R.T. -0.006 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

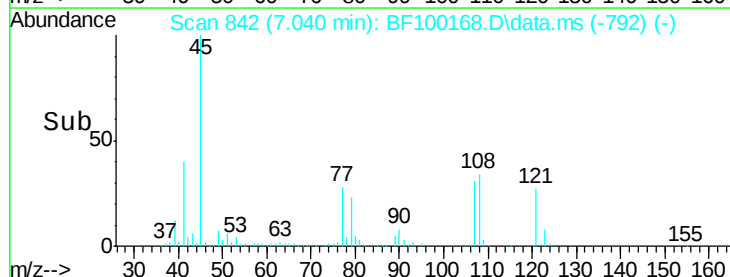
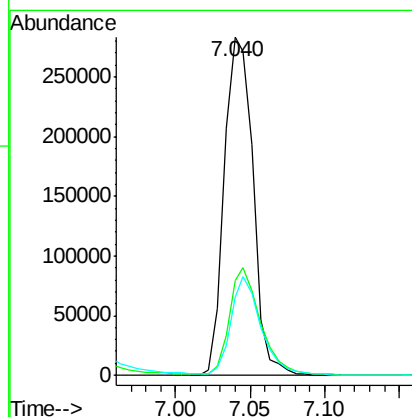
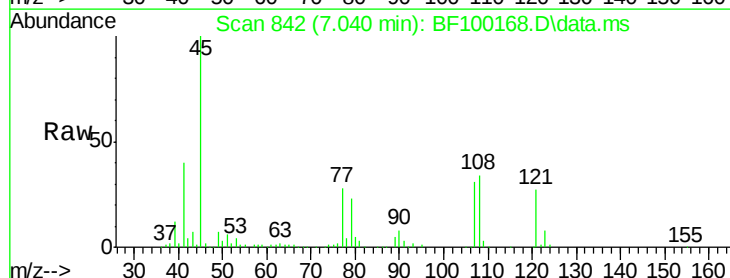
Tgt Ion: 45 Resp: 385682

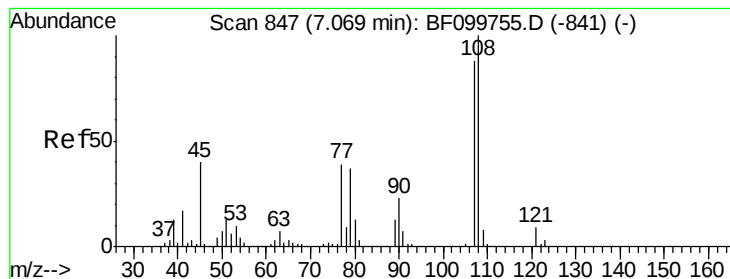
Ion Ratio Lower Upper

45 100

77 28.0 0.0 32.9

79 23.2 0.0 29.6





#17

2-Methylphenol

Concen: 30.37 ng

RT: 7.045 min Scan# 84

Delta R.T. 0.006 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

Tot Ion:107 Resp: 198841

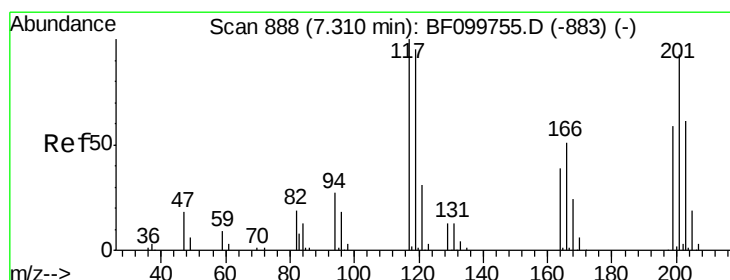
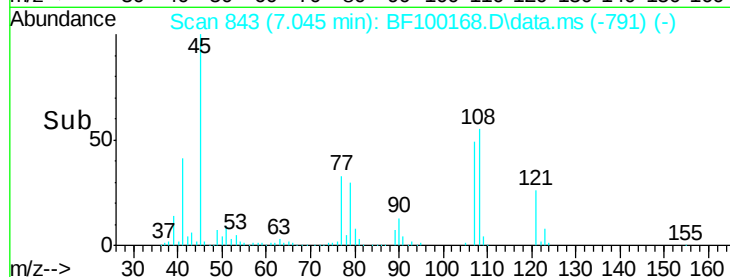
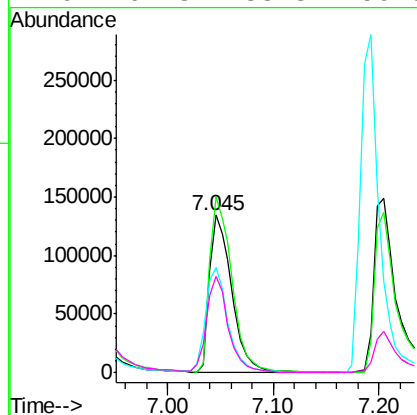
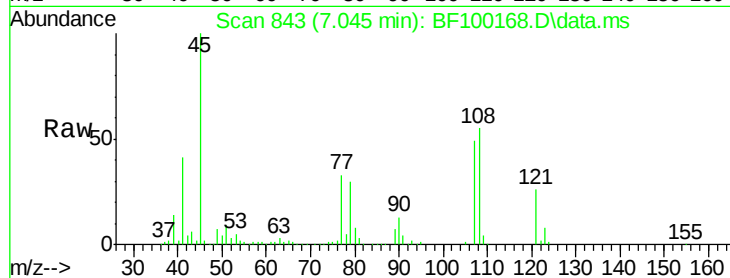
Ion Ratio Lower Upper

107 100

108 111.3 91.7 137.5

77 67.1 33.8 50.8#

79 61.3 33.8 50.8#



#18

Hexachloroethane

Concen: 38.15 ng

RT: 7.269 min Scan# 881

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

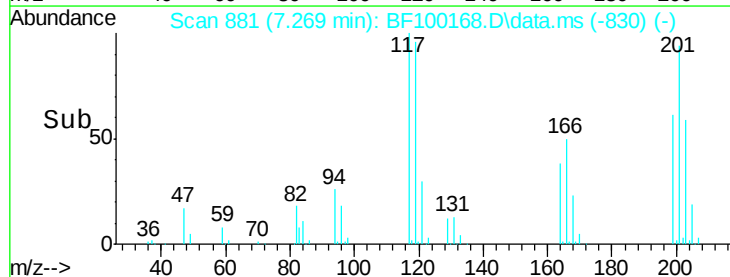
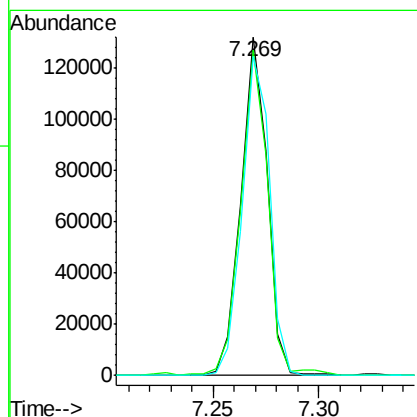
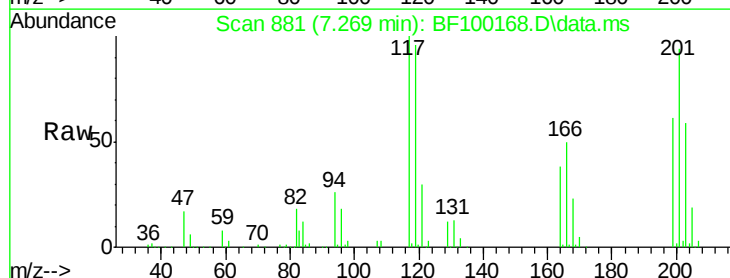
Tgt Ion:117 Resp: 113515

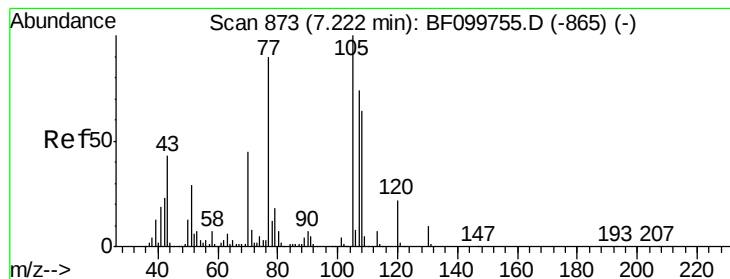
Ion Ratio Lower Upper

117 100

119 96.1 75.8 113.8

201 94.2 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 41.21 ng

RT: 7.198 min Scan# 86

Delta R.T. 0.006 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

Tot Ion: 70 Resp: 210292

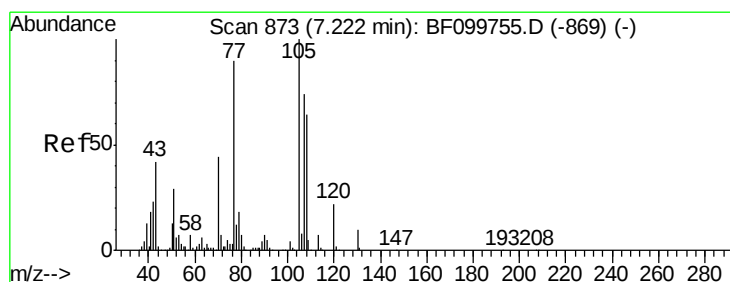
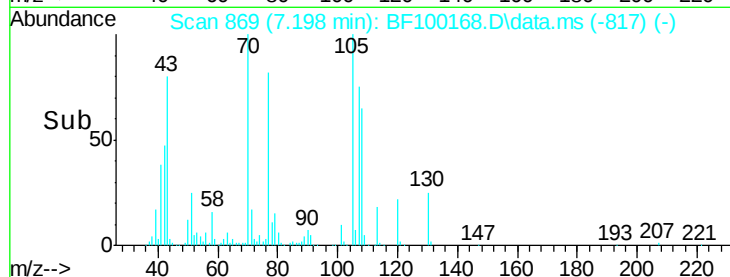
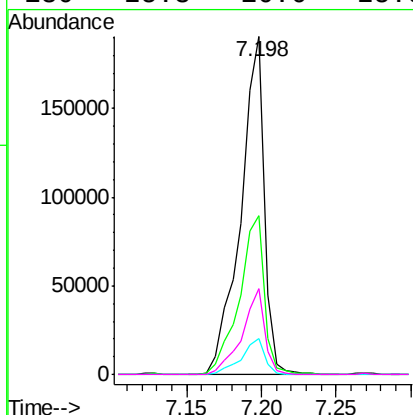
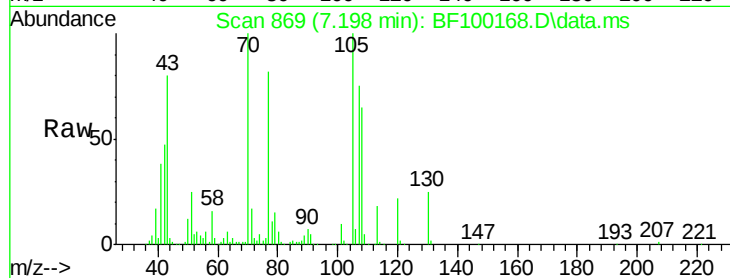
Ion Ratio Lower Upper

70 100

42 47.0 47.5 71.3#

101 10.5 7.4 11.2

130 25.3 16.6 25.0#



#20

3+4-Methylphenols

Concen: 30.62 ng

RT: 7.204 min Scan# 870

Delta R.T. 0.006 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Tgt Ion: 107 Resp: 233423

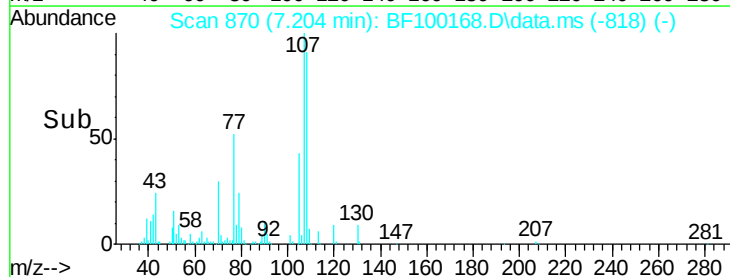
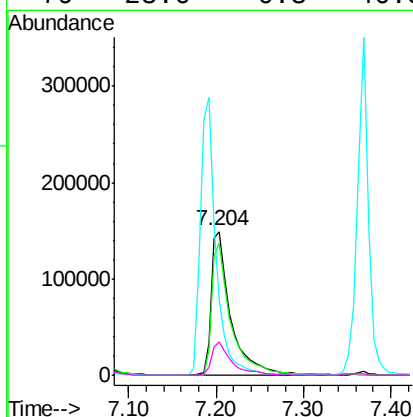
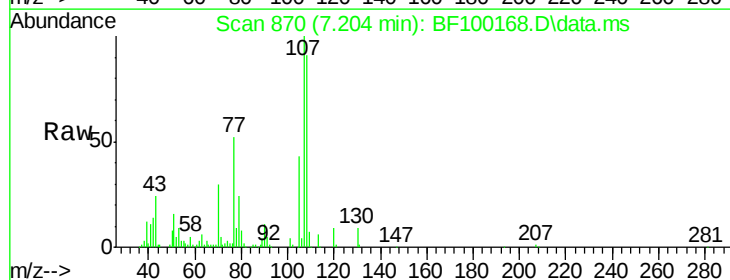
Ion Ratio Lower Upper

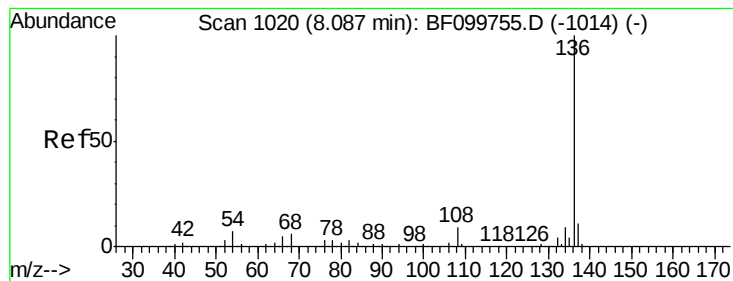
107 100

108 91.4 68.2 108.2

77 52.4 26.7 66.7

79 23.6 6.3 46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.051 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

Tot Ion:136 Resp: 456166

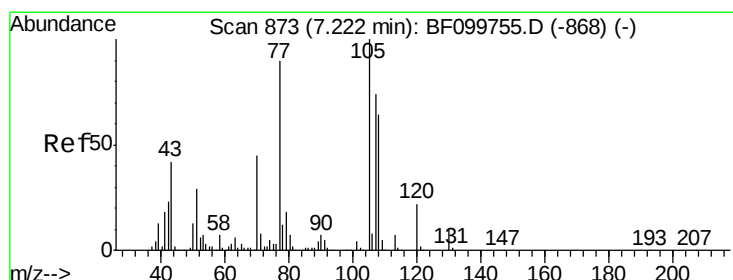
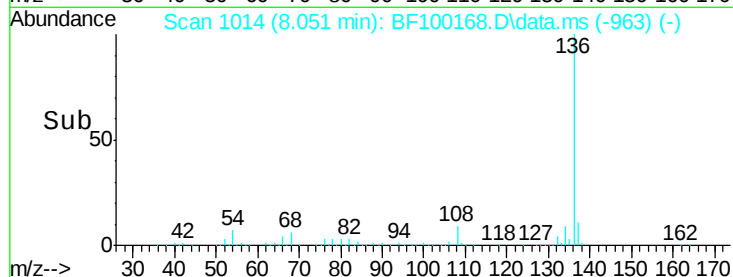
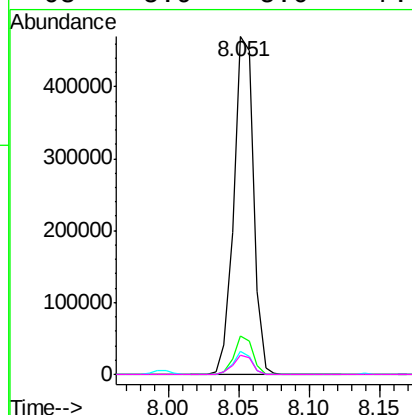
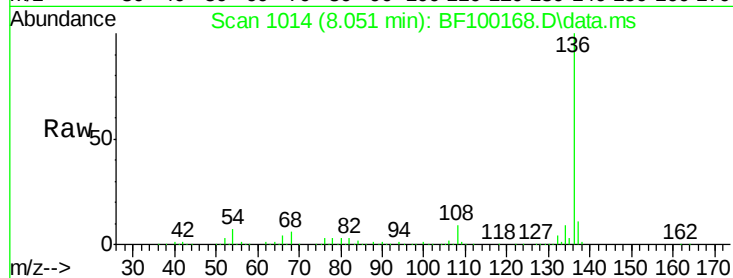
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.0 6.6 9.8

68 5.9 5.0 7.4



#22

Acetophenone

Concen: 42.79 ng

RT: 7.192 min Scan# 868

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Tgt Ion:105 Resp: 444429

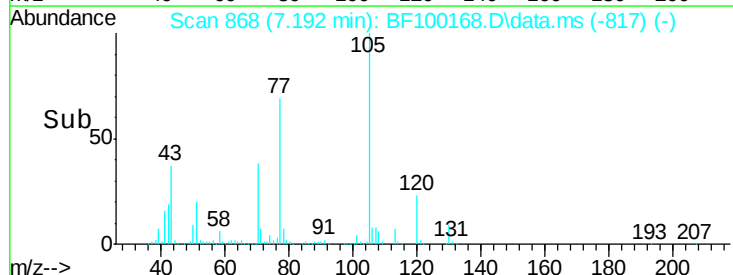
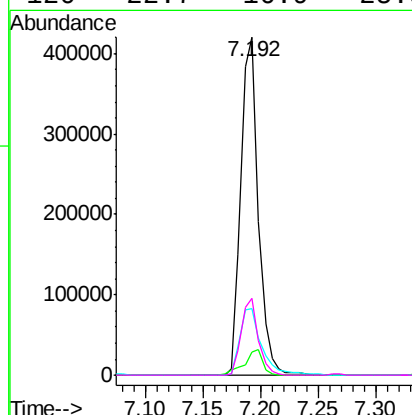
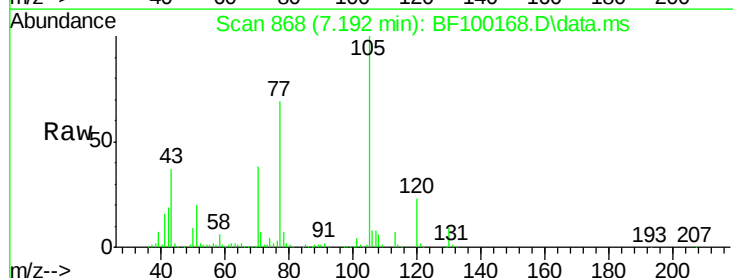
Ion Ratio Lower Upper

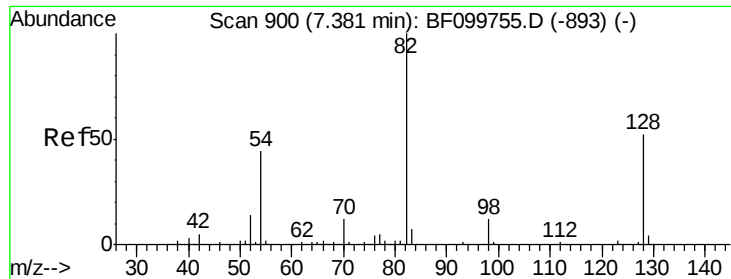
105 100

71 6.8 4.4 6.6#

51 19.7 22.3 33.5#

120 22.7 16.9 25.3

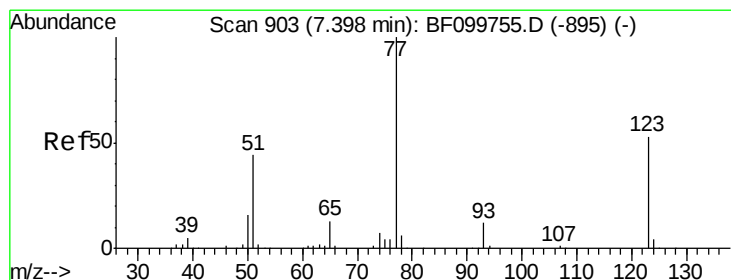
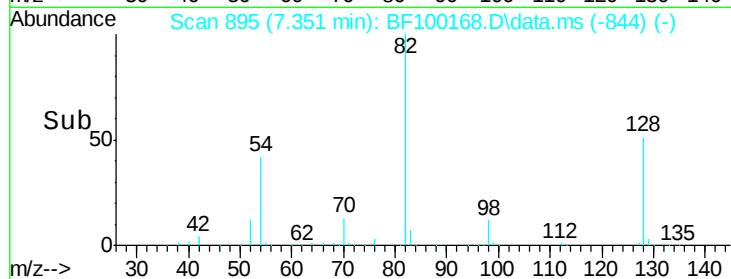
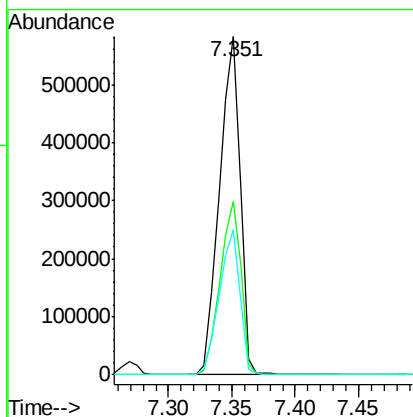
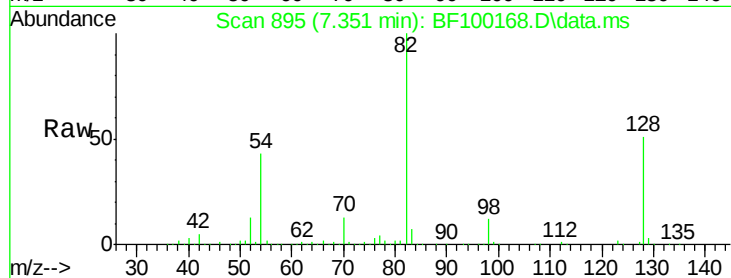




#23
 Nitrobenzene-d5
 Concen: 93.93 ng
 RT: 7.351 min Scan# 89
 Delta R.T. 0.000 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

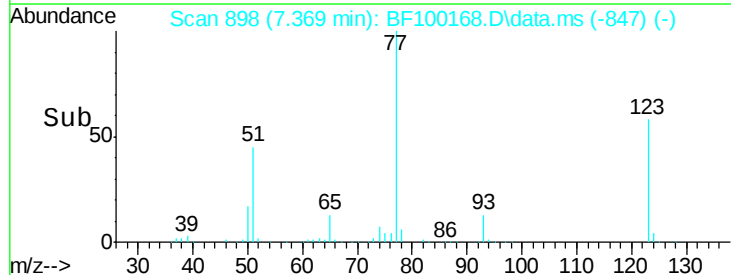
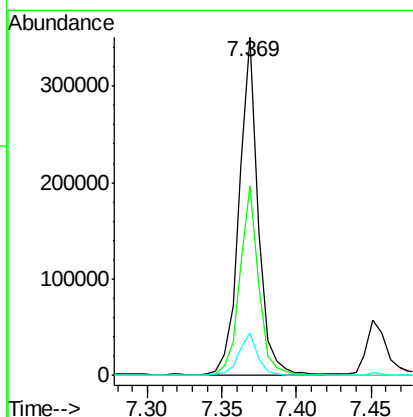
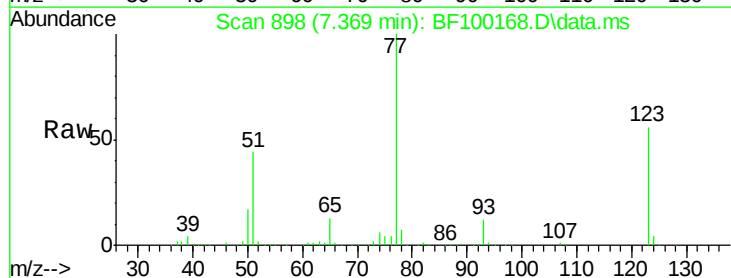
Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

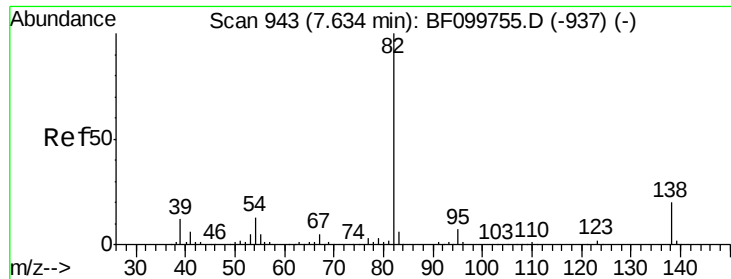
Tot Ion	82	Resp	665507
Ion Ratio	100	Lower	Upper
128	51.3	36.1	54.1
54	42.7	41.4	62.2



#24
 Nitrobenzene
 Concen: 43.28 ng
 RT: 7.369 min Scan# 898
 Delta R.T. 0.000 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

Tgt Ion	77	Resp	309019
Ion Ratio	100	Lower	Upper
123	55.9	37.9	56.9
65	12.7	11.0	16.4





#25

Isophorone

Concen: 46.92 ng

RT: 7.598 min Scan# 93

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

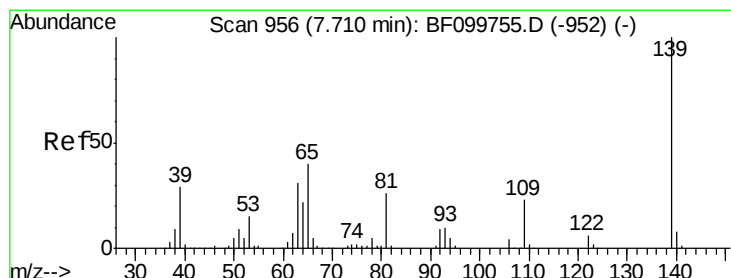
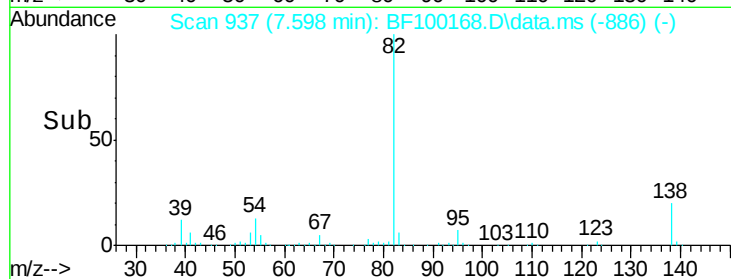
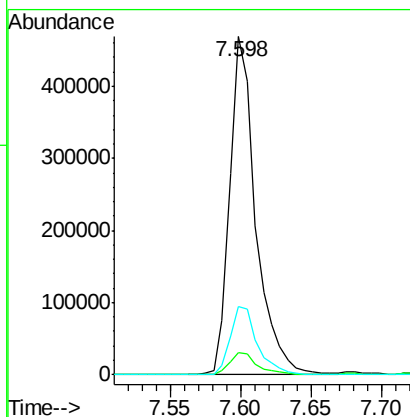
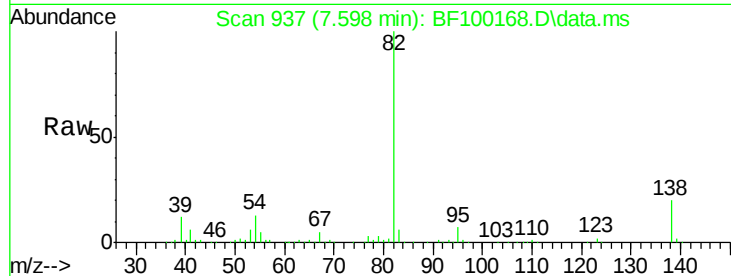
Tot Ion: 82 Resp: 603286

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 20.2 14.9 22.3



#26

2-Nitrophenol

Concen: 46.01 ng

RT: 7.681 min Scan# 951

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

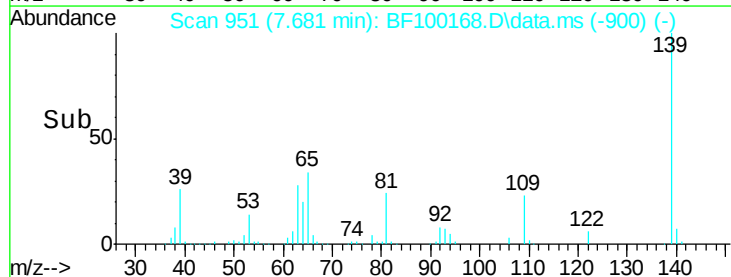
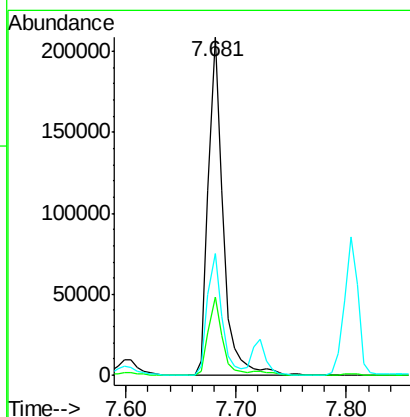
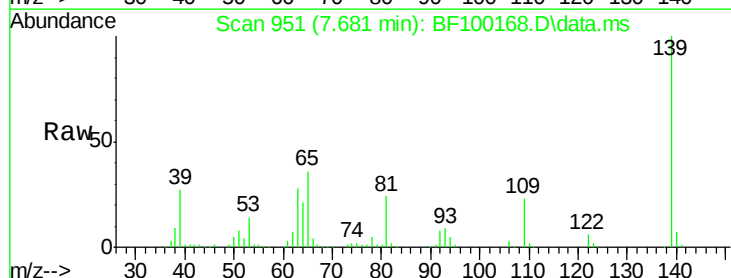
Tgt Ion: 139 Resp: 188127

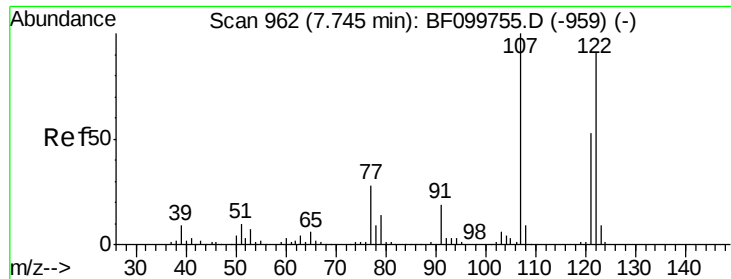
Ion Ratio Lower Upper

139 100

109 23.2 22.7 34.1

65 36.0 40.5 60.7#

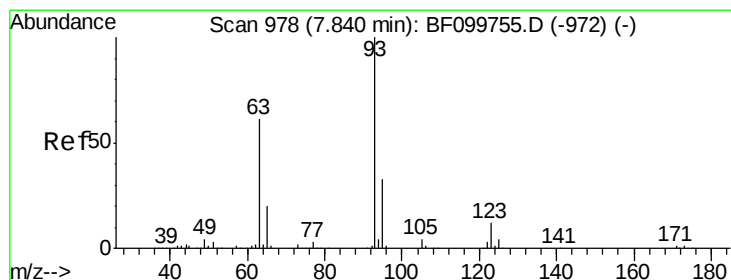
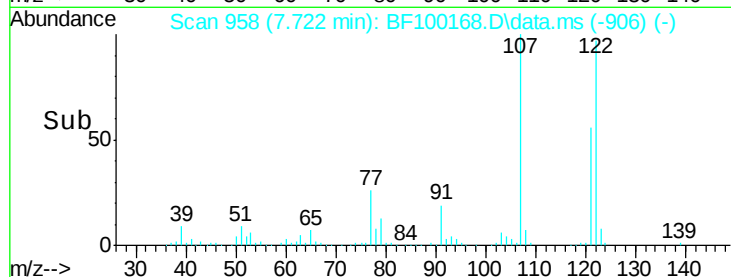
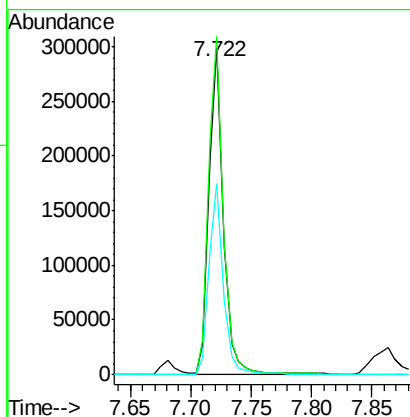
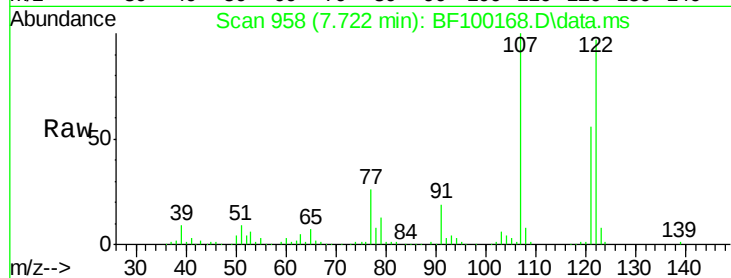




#27
2,4-Dimethylphenol
Concen: 41.32 ng
RT: 7.722 min Scan# 95
Delta R.T. 0.006 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

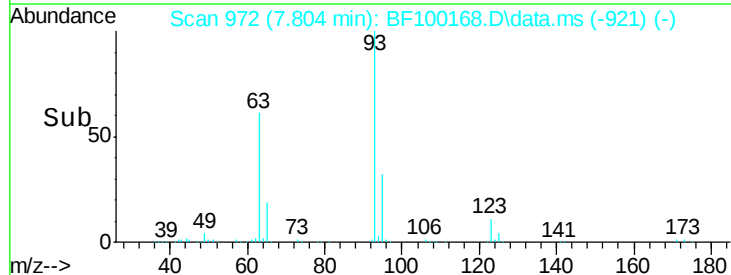
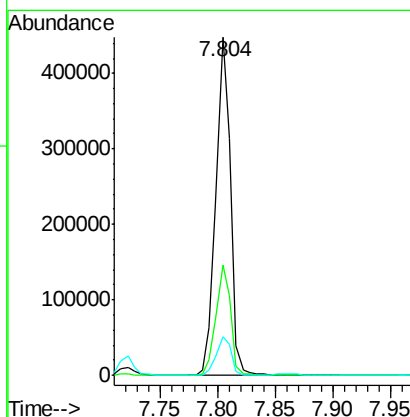
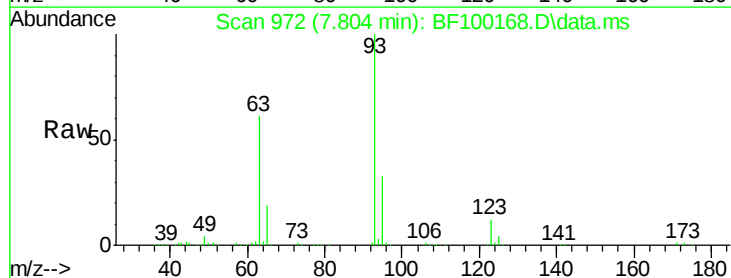
Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

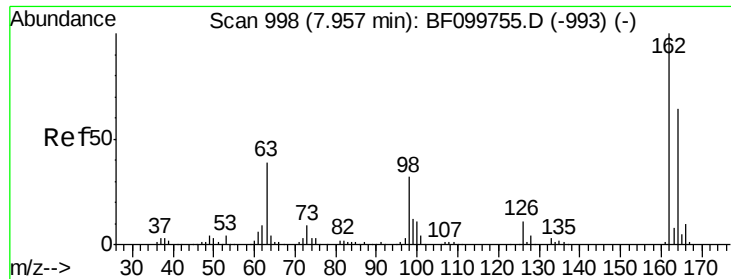
Tot Ion:122 Resp: 248967
Ion Ratio Lower Upper
122 100
107 103.6 91.2 136.8
121 58.4 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.82 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion: 93 Resp: 394553
Ion Ratio Lower Upper
93 100
95 32.5 26.3 39.5
123 11.5 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 44.83 ng

RT: 7.928 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

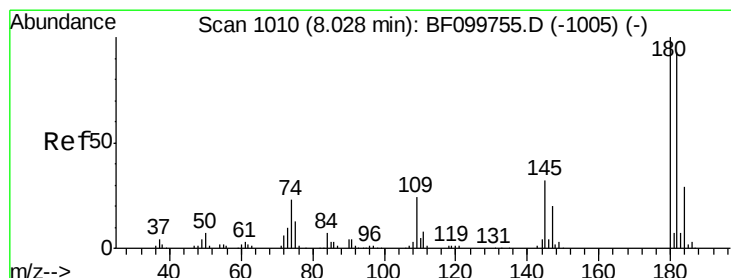
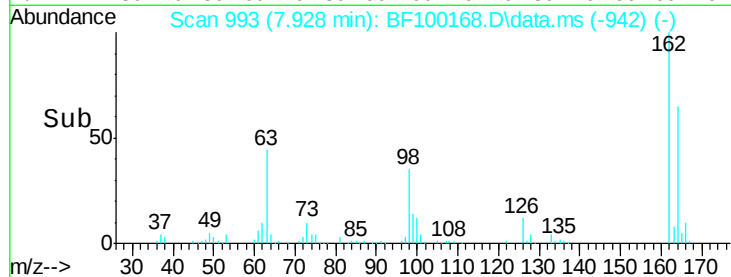
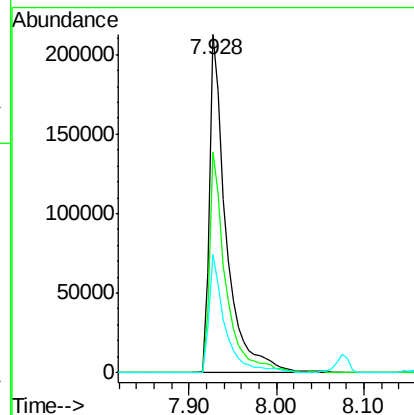
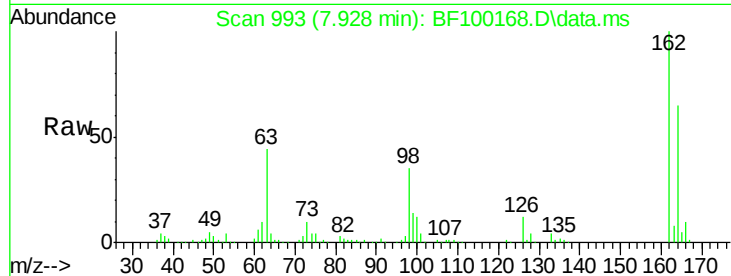
Tot Ion:162 Resp: 280558

Ion Ratio Lower Upper

162 100

164 65.3 42.7 82.7

98 35.0 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 42.78 ng

RT: 7.998 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

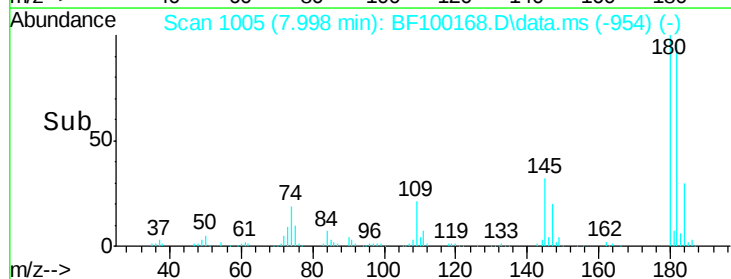
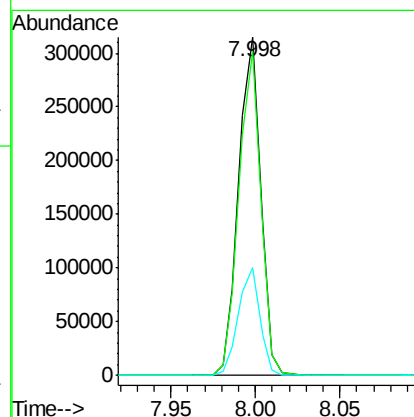
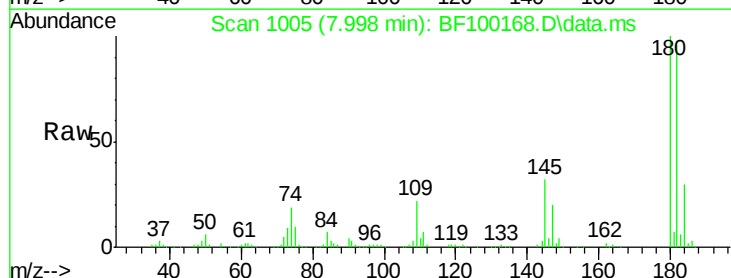
Tgt Ion:180 Resp: 286104

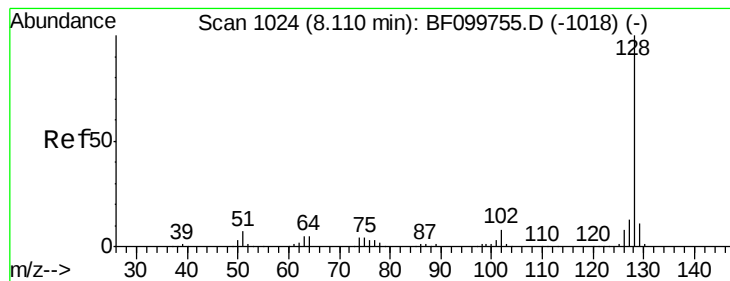
Ion Ratio Lower Upper

180 100

182 95.8 76.8 115.2

145 31.7 26.5 39.7





#31

Naphthalene

Concen: 42.23 ng

RT: 8.075 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

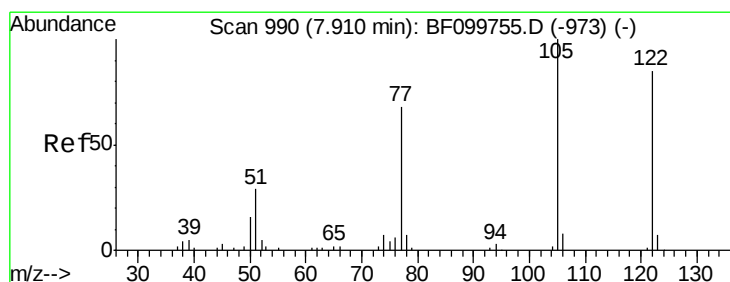
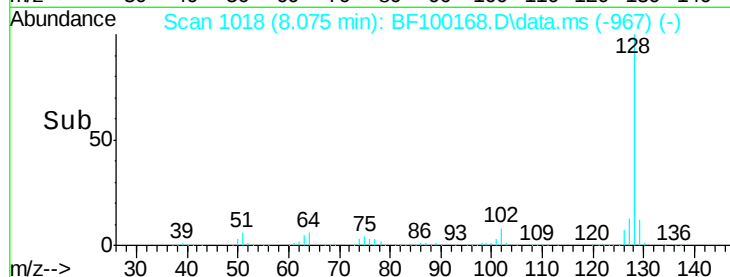
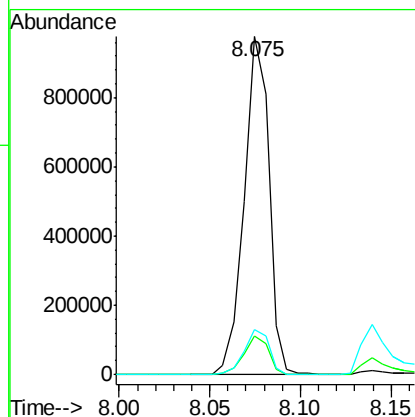
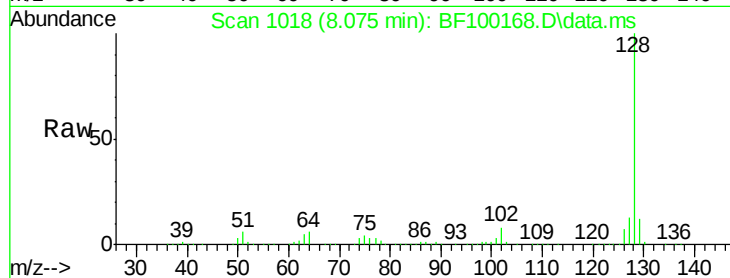
Tot Ion:128 Resp: 929962

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

127 13.4 10.9 16.3



#32

Benzoic acid

Concen: 8.40 ng

RT: 7.863 min Scan# 982

Delta R.T. -0.041 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

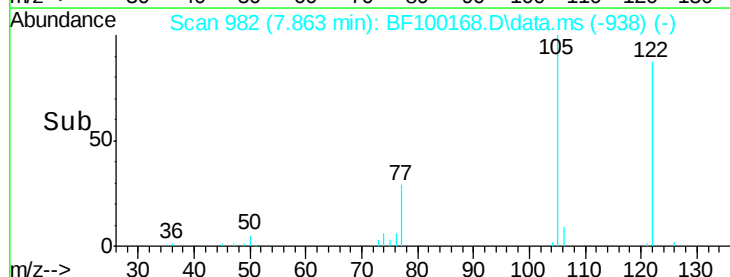
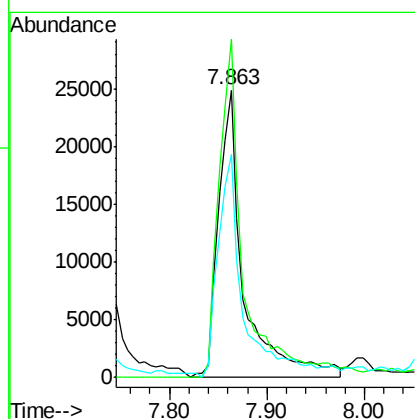
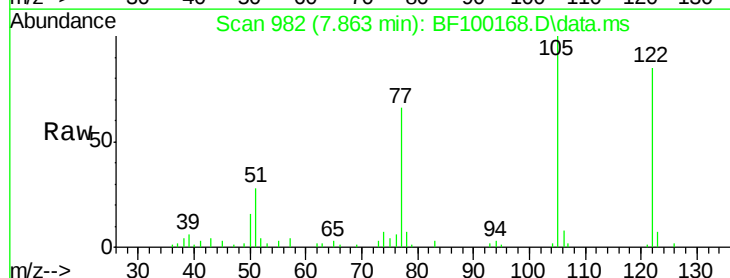
Tgt Ion:122 Resp: 44558

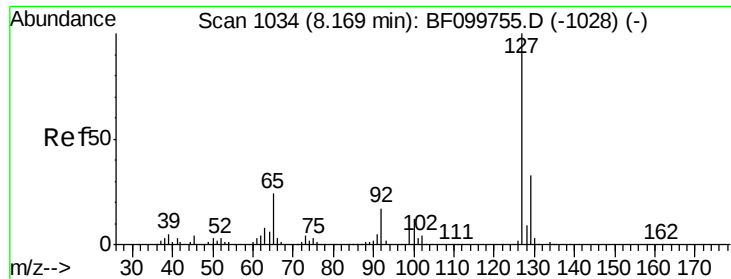
Ion Ratio Lower Upper

122 100

105 117.8 101.1 141.1

77 77.8 70.7 110.7

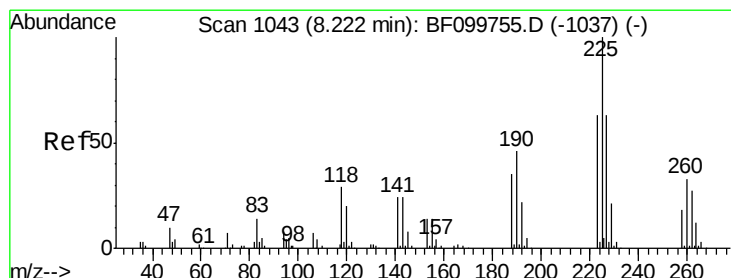
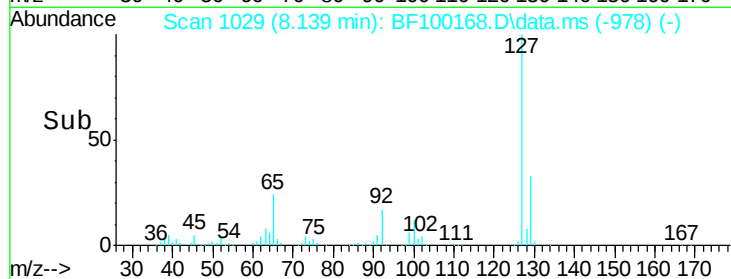
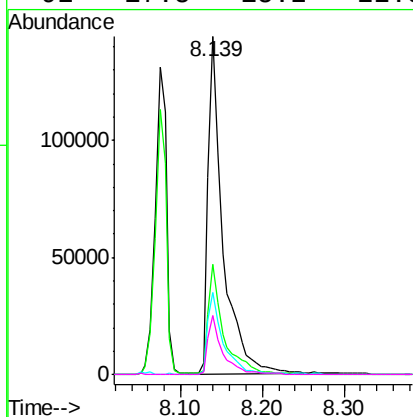
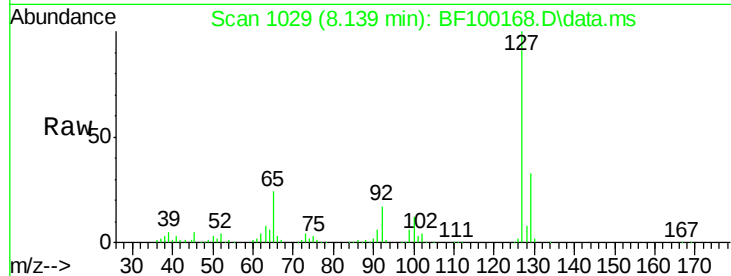




#33
4-Chloroaniline
Concen: 20.14 ng
RT: 8.139 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

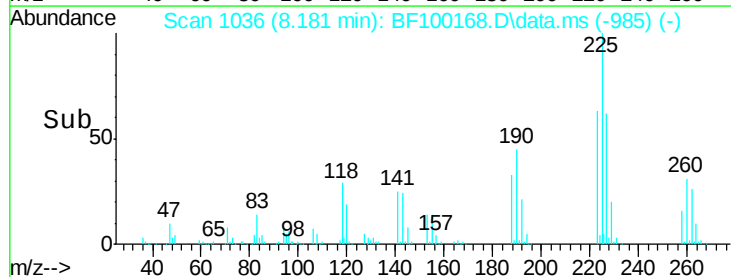
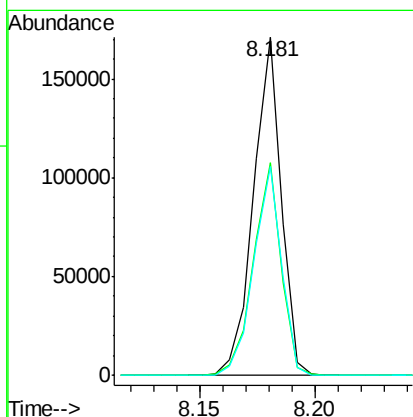
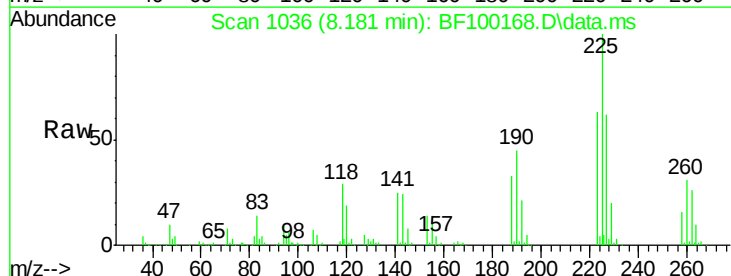
Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

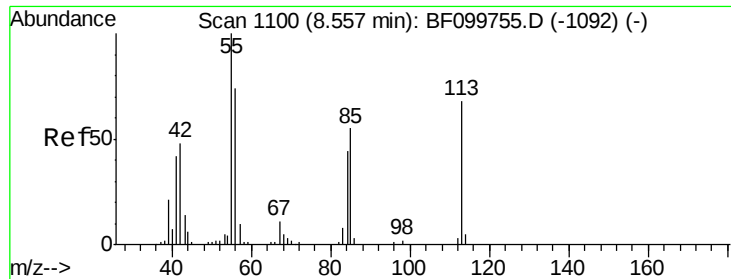
Tot Ion:	127	Resp:	183142
Ion Ratio	Lower	Upper	
127	100		
129	32.6	25.9	38.9
65	24.2	25.0	37.4
92	17.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.80 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion:	225	Resp:	143779
Ion Ratio	Lower	Upper	
225	100		
223	62.8	50.6	76.0
227	61.7	51.9	77.9





#35

Caprolactam

Concen: 8.25 ng

RT: 8.539 min Scan# 10

Delta R.T. 0.006 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

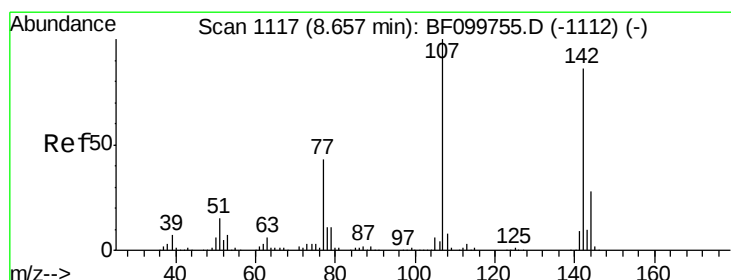
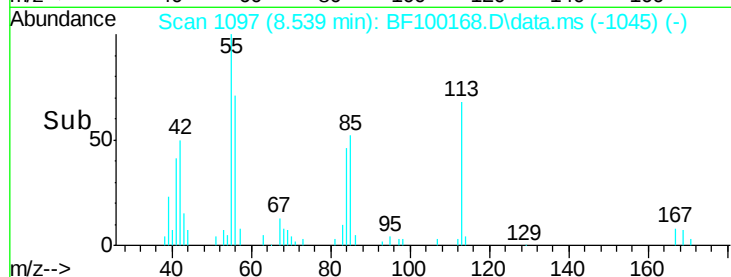
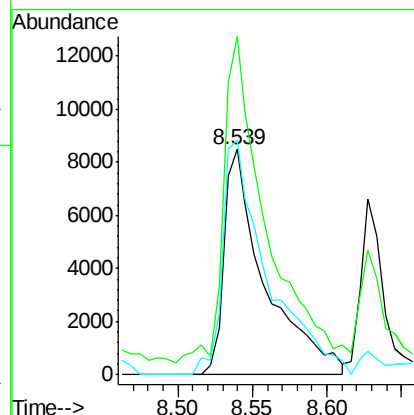
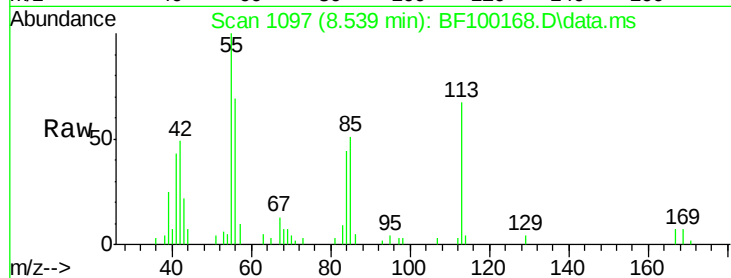
Tot Ion:113 Resp: 16236

Ion Ratio Lower Upper

113 100

55 150.1 163.3 203.3#

56 104.0 115.7 155.7#



#36

4-Chloro-3-methylphenol

Concen: 38.63 ng

RT: 8.628 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

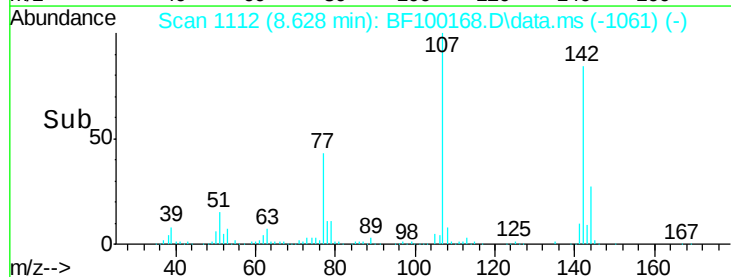
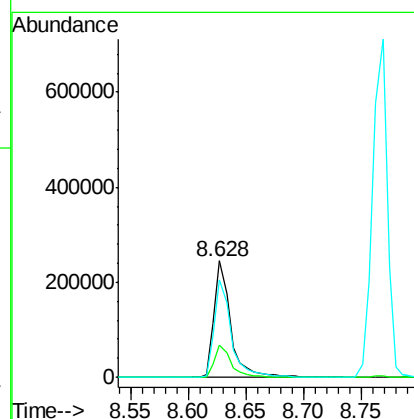
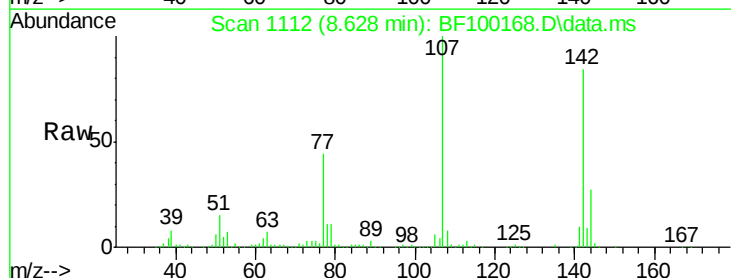
Tgt Ion:107 Resp: 246767

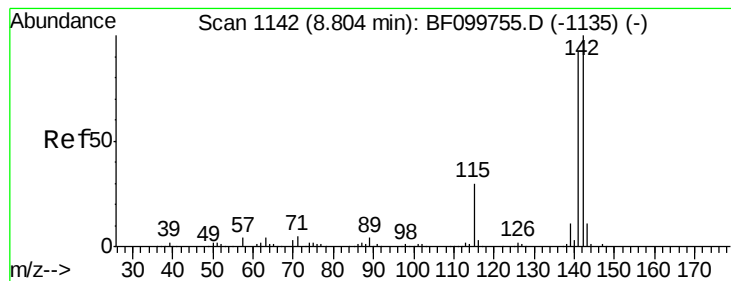
Ion Ratio Lower Upper

107 100

144 27.2 20.5 30.7

142 84.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 42.71 ng

RT: 8.769 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

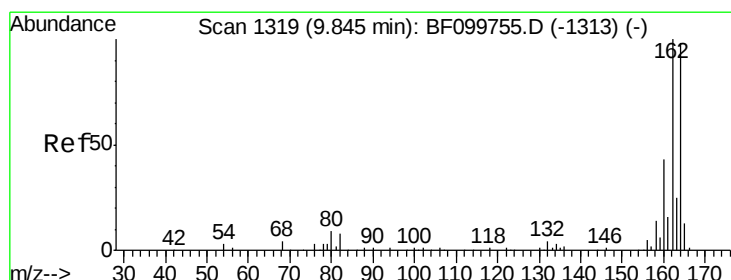
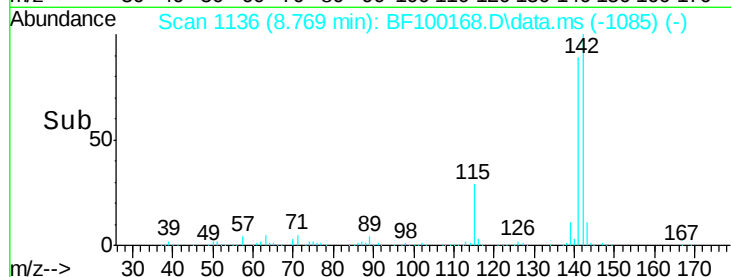
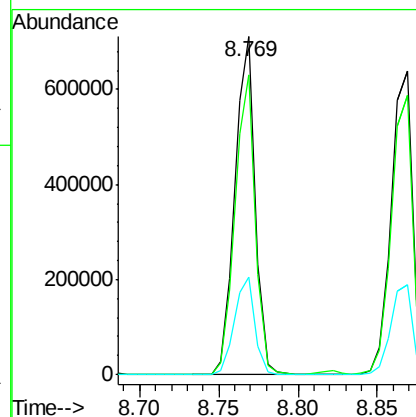
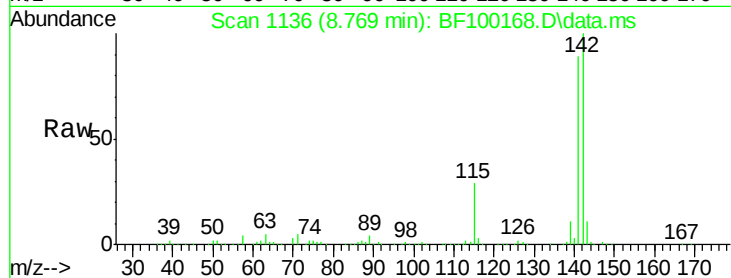
Tot Ion:142 Resp: 630200

Ion Ratio Lower Upper

142 100

141 88.8 70.8 106.2

115 28.9 26.1 39.1



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.810 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

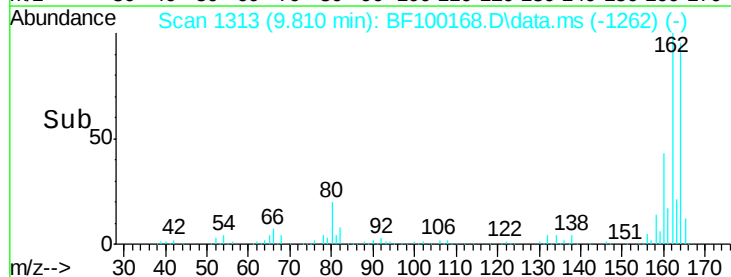
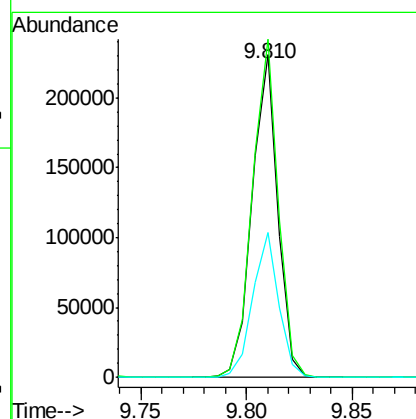
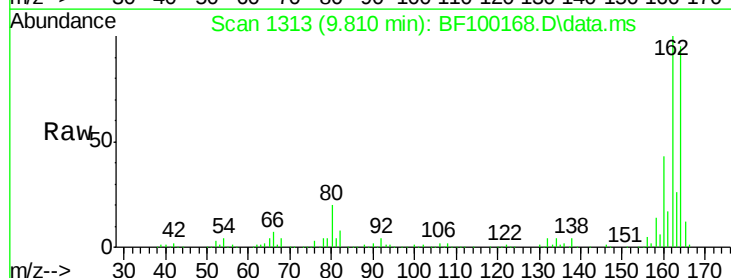
Tgt Ion:164 Resp: 194564

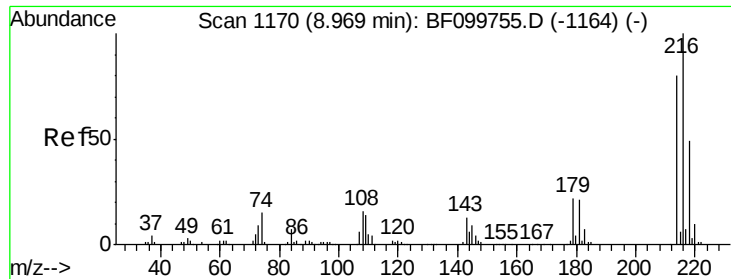
Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

160 45.0 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.90 ng

RT: 8.934 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

Tot Ion:216 Resp: 263301

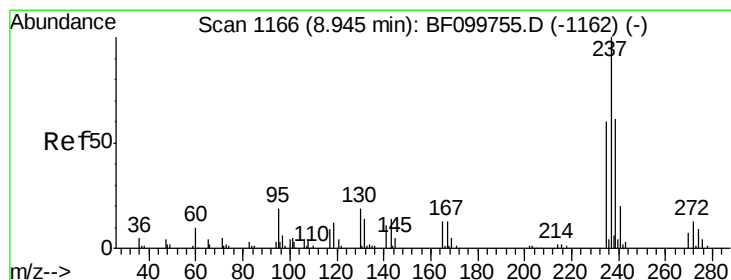
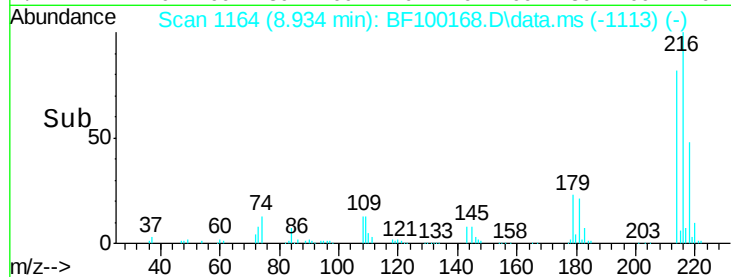
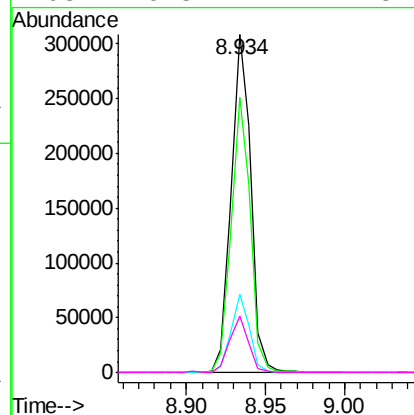
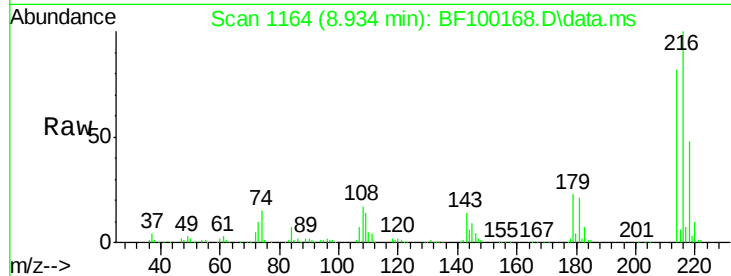
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 21.8 18.1 27.1

108 16.5 17.2 25.8#



#40

Hexachlorocyclopentadiene

Concen: 23.81 ng

RT: 8.910 min Scan# 1160

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

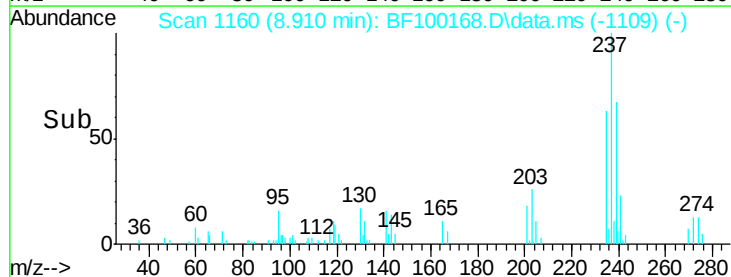
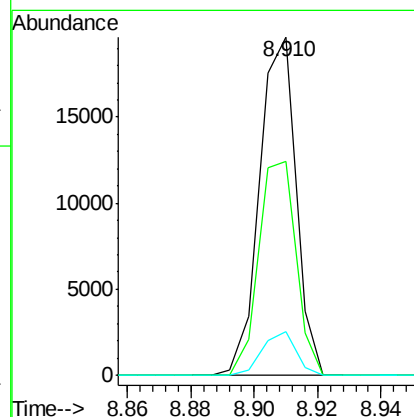
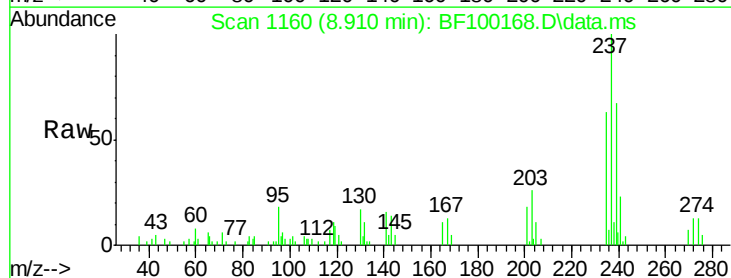
Tgt Ion:237 Resp: 15766

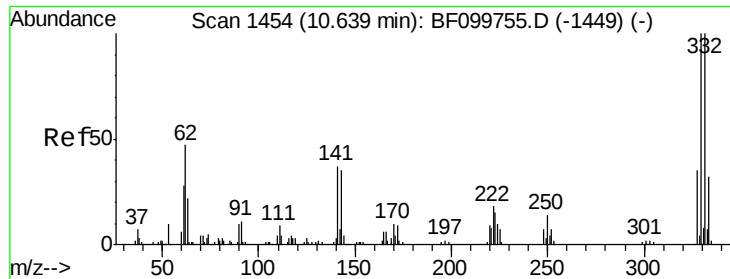
Ion Ratio Lower Upper

237 100

235 63.2 44.8 84.8

272 12.9 0.0 33.3





#41

2,4,6-Tribromophenol

Concen: 120.97 ng

RT: 10.610 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

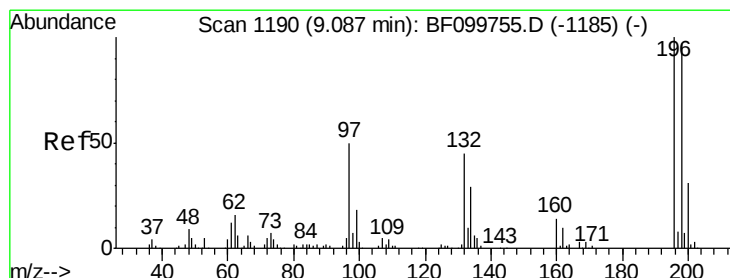
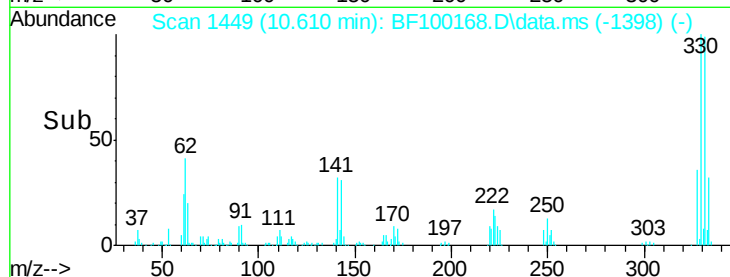
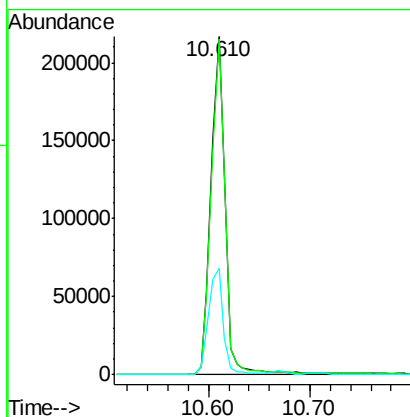
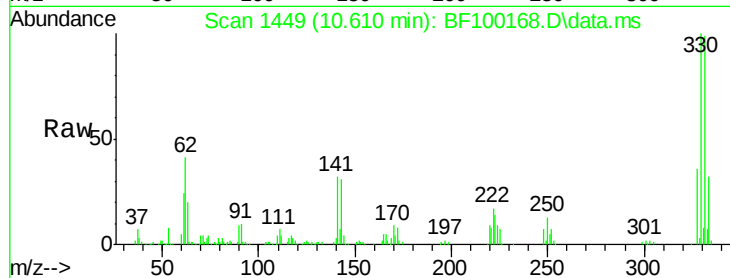
Tot Ion:330 Resp: 214497

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

141 32.7 29.9 44.9



#42

2,4,6-Trichlorophenol

Concen: 45.43 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

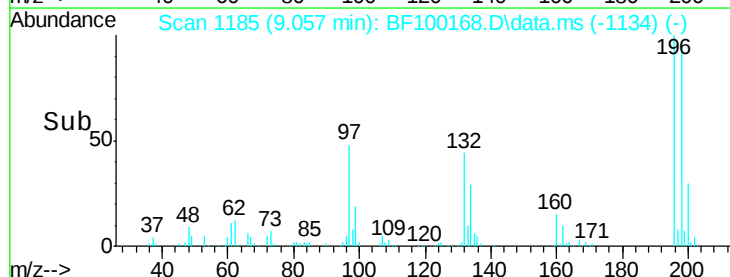
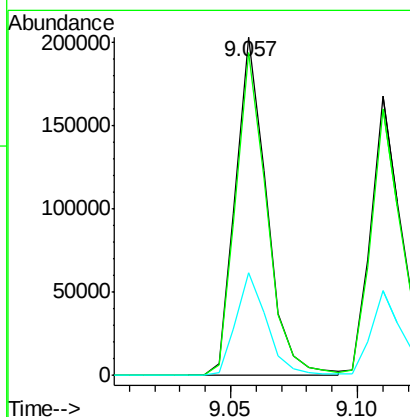
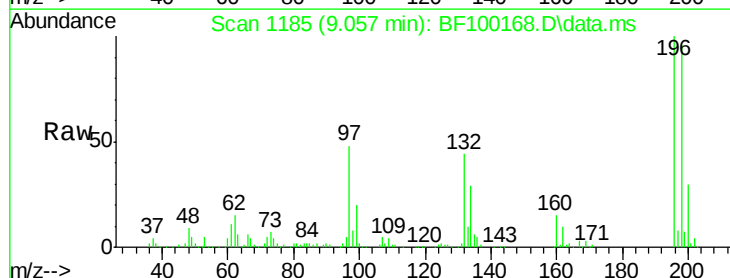
Tgt Ion:196 Resp: 172688

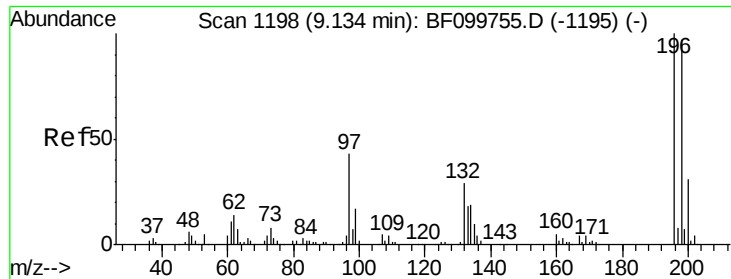
Ion Ratio Lower Upper

196 100

198 95.6 75.7 113.5

200 30.5 24.5 36.7

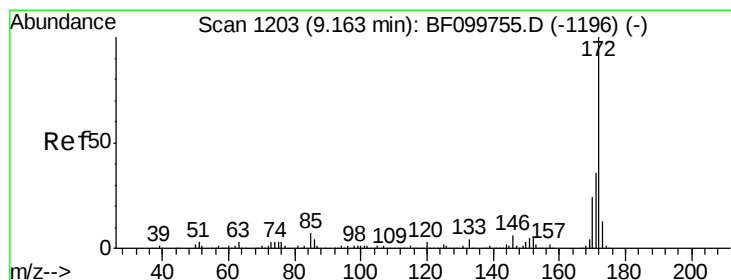
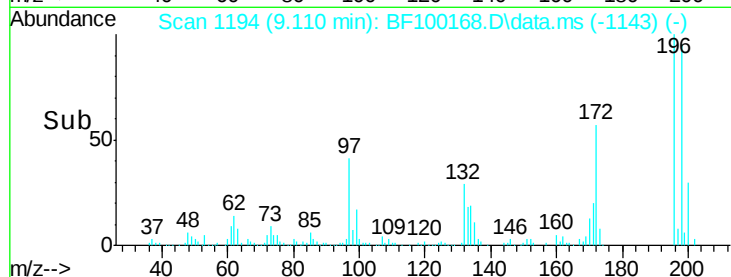
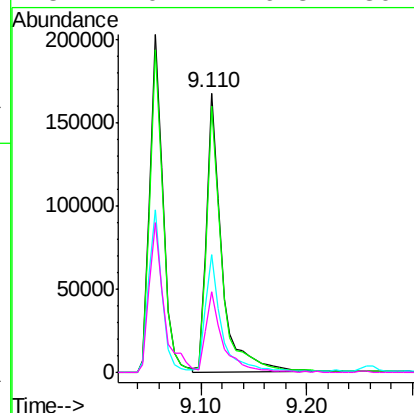
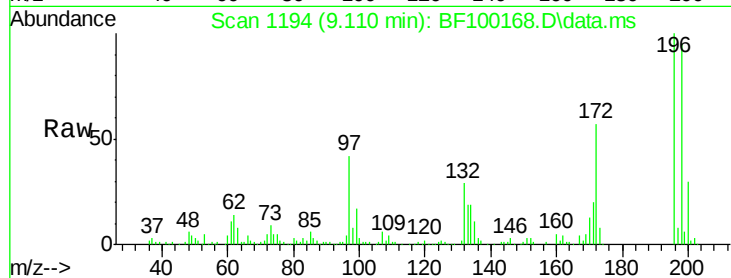




#43
 2,4,5-Trichlorophenol
 Concen: 41.84 ng
 RT: 9.110 min Scan# 1198
 Delta R.T. 0.000 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

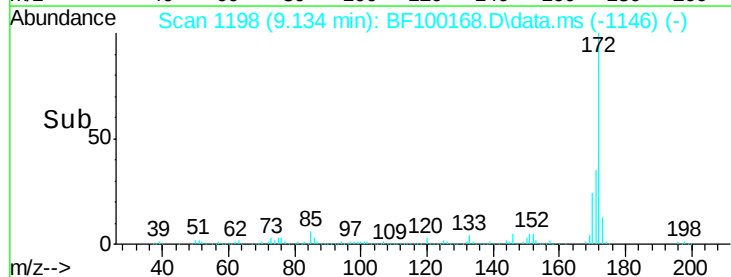
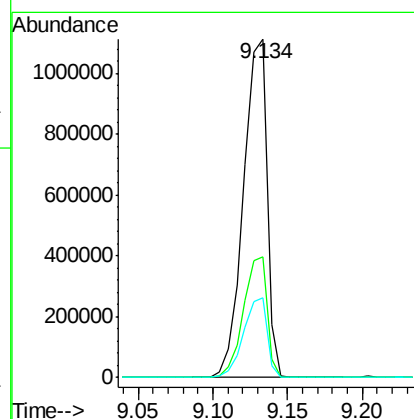
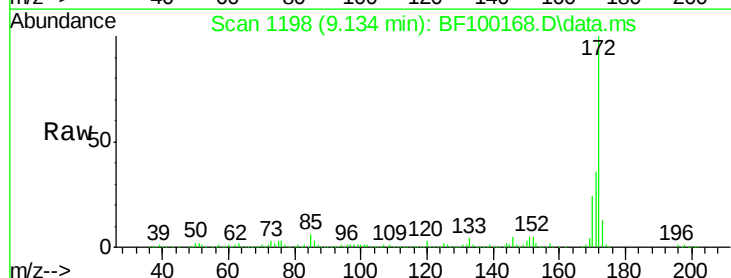
Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

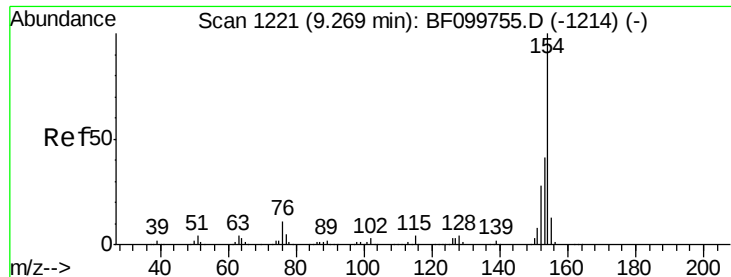
Tot Ion:	196	Resp:	168772
Ion Ratio	Lower	Upper	
196	100		
198	95.3	74.6	112.0
97	42.0	42.9	64.3#
132	29.1	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 97.33 ng
 RT: 9.134 min Scan# 1198
 Delta R.T. 0.006 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

Tgt Ion:	172	Resp:	1227424
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.7	44.5
170	23.5	19.6	29.4





#45

1,1'-Biphenyl

Concen: 41.60 ng

RT: 9.234 min Scan# 12

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

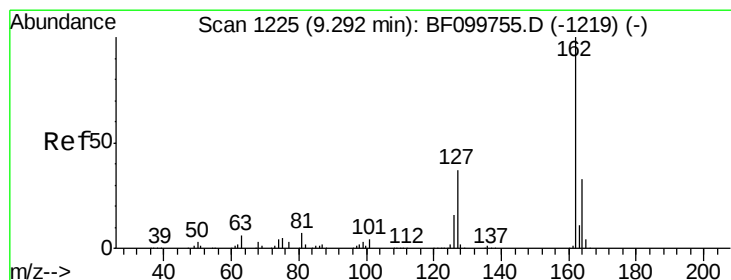
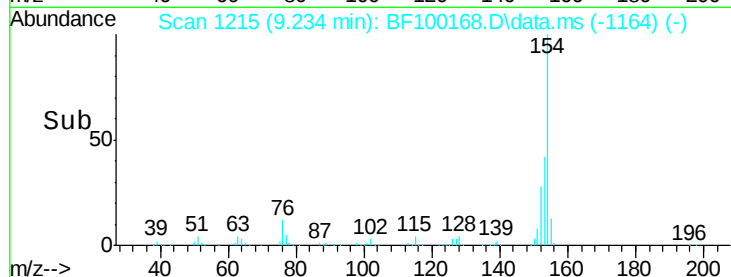
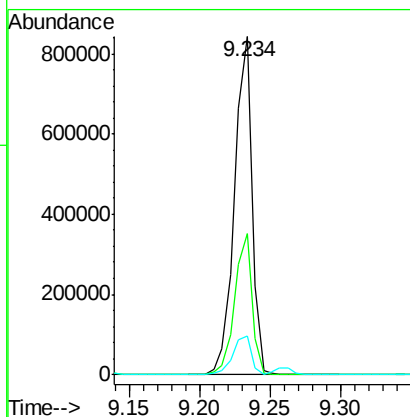
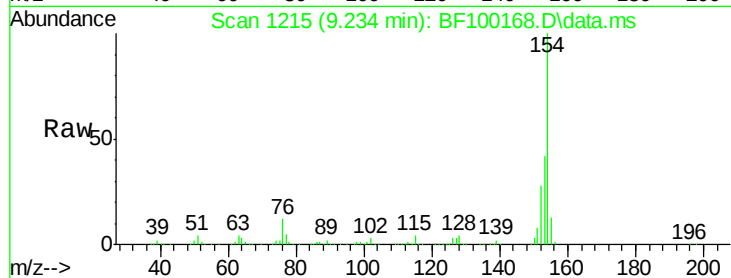
Tot Ion:154 Resp: 732134

Ion Ratio Lower Upper

154 100

153 41.6 21.3 61.3

76 11.6 0.0 34.0



#46

2-Chloronaphthalene

Concen: 45.12 ng

RT: 9.263 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

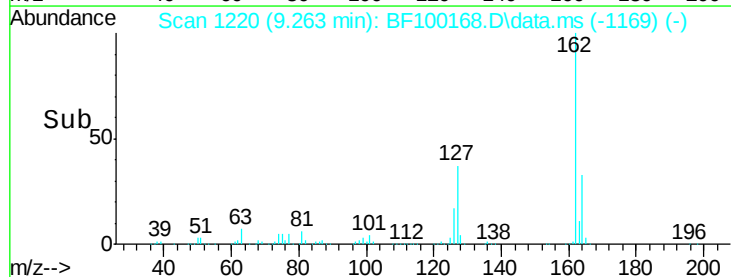
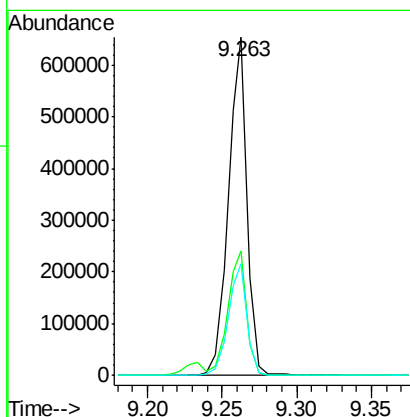
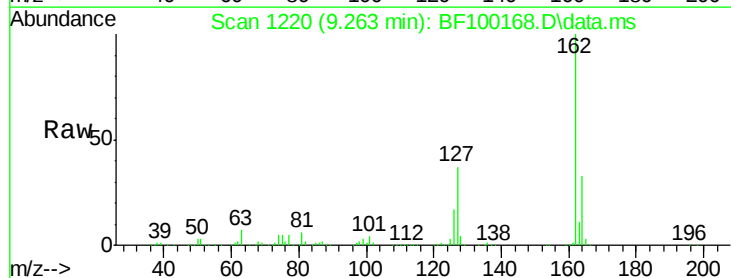
Tgt Ion:162 Resp: 576762

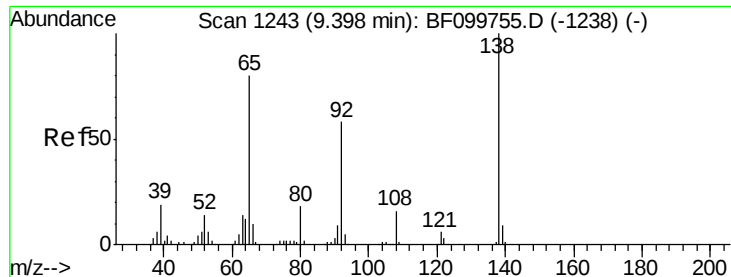
Ion Ratio Lower Upper

162 100

127 36.6 33.9 50.9

164 32.9 26.5 39.7





#47

2-Nitroaniline

Concen: 44.09 ng

RT: 9.375 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

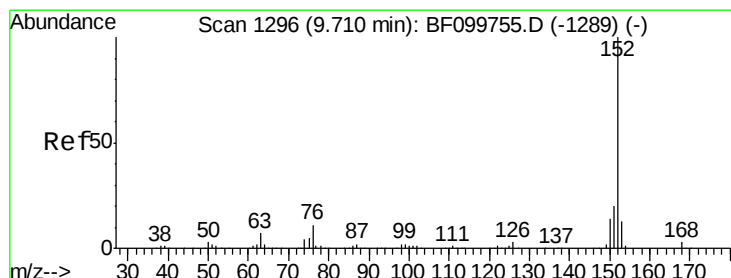
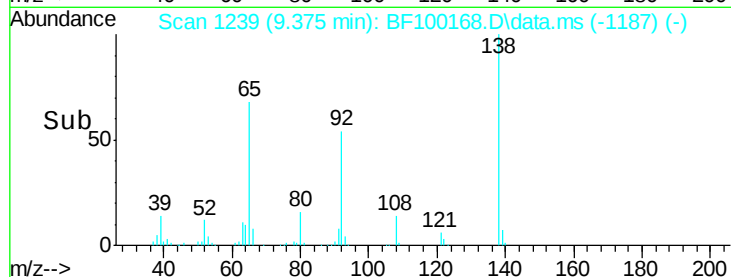
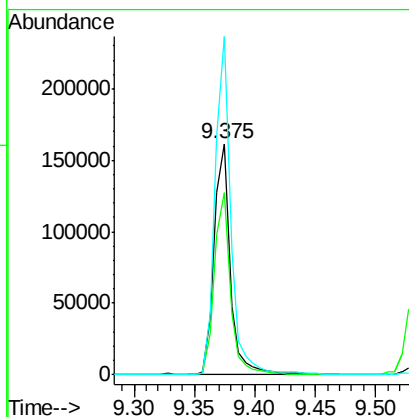
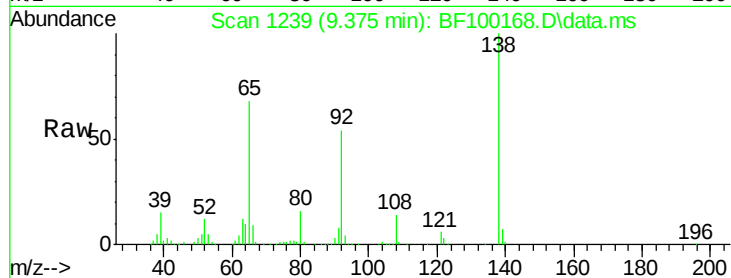
Tot Ion: 65 Resp: 147901

Ion Ratio Lower Upper

65 100

92 79.1 55.8 83.6

138 146.5 91.2 136.8#



#48

Acenaphthylene

Concen: 41.84 ng

RT: 9.675 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

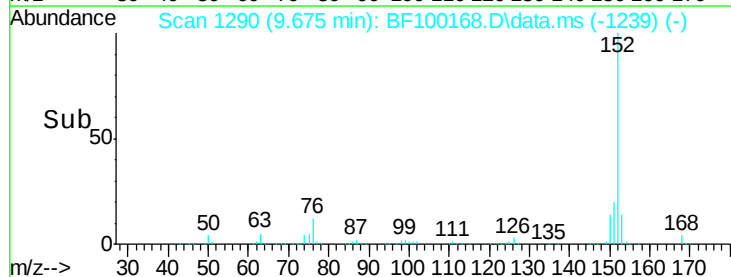
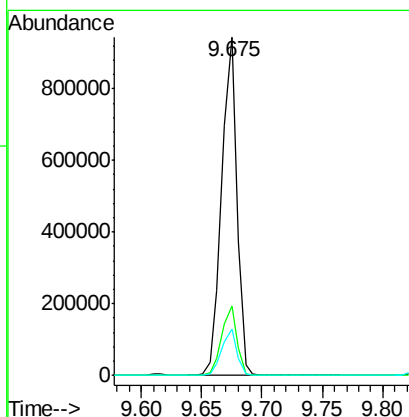
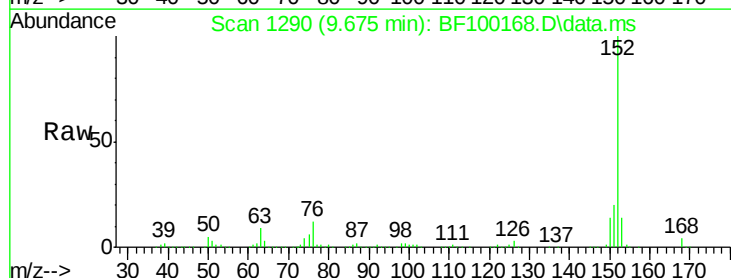
Tgt Ion: 152 Resp: 823776

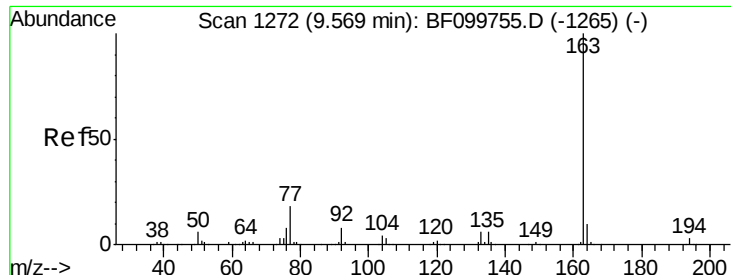
Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 13.6 10.7 16.1

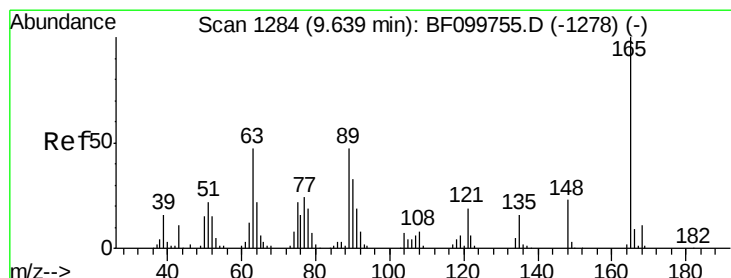
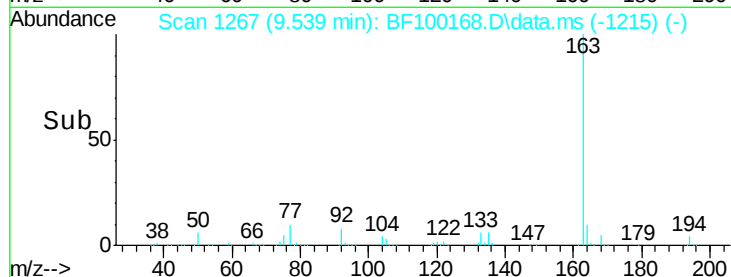
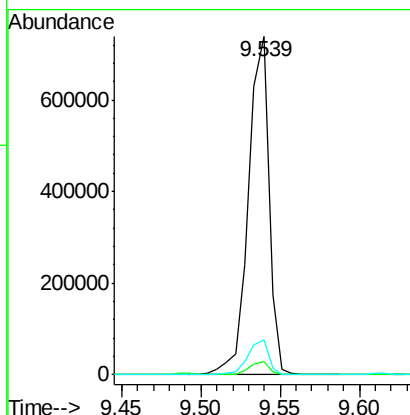
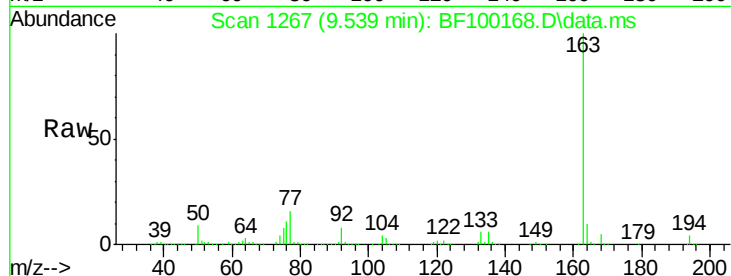




#49
Dimethylphthalate
Concen: 43.22 ng
RT: 9.539 min Scan# 1272
Delta R.T. 0.006 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

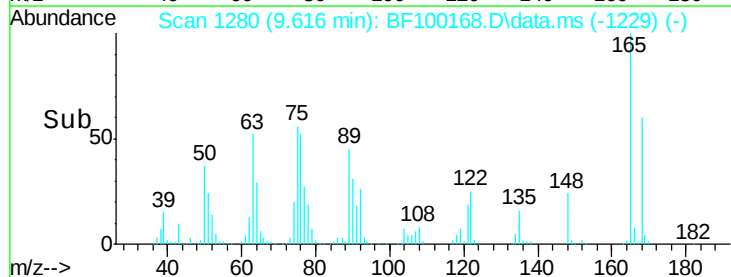
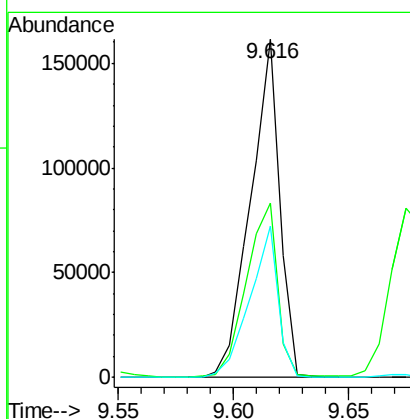
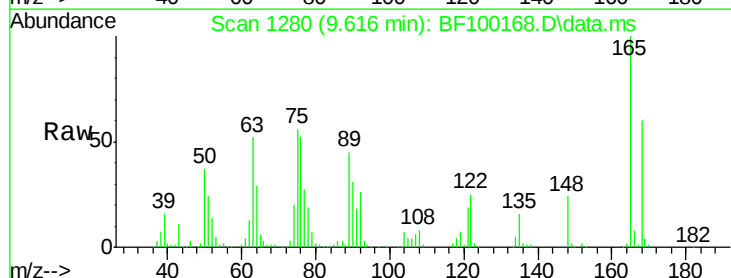
Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

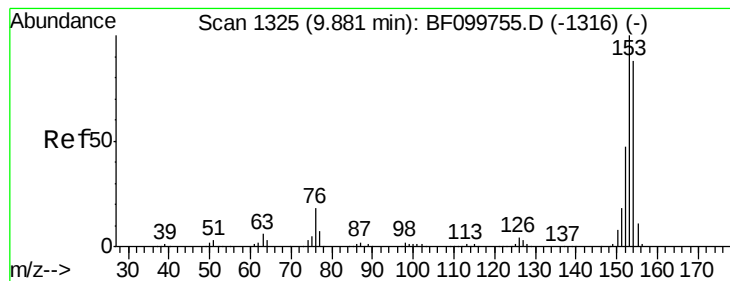
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.1	8.2	12.2



#50
2,6-Dinitrotoluene
Concen: 44.14 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.7	44.7	67.1
89	44.9	44.0	66.0





#51

Acenaphthene

Concen: 41.89 ng

RT: 9.845 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

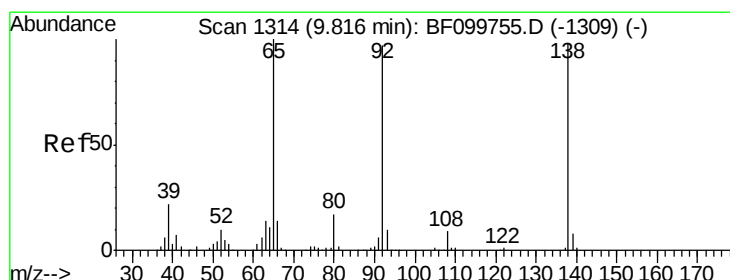
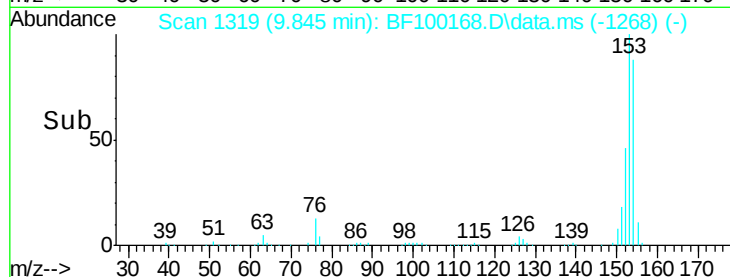
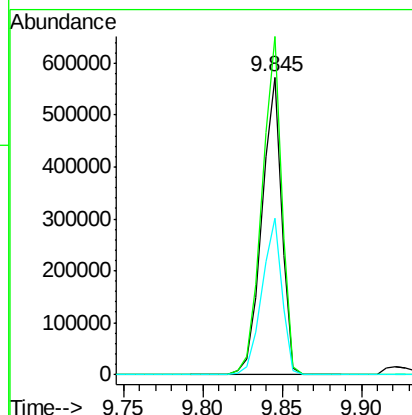
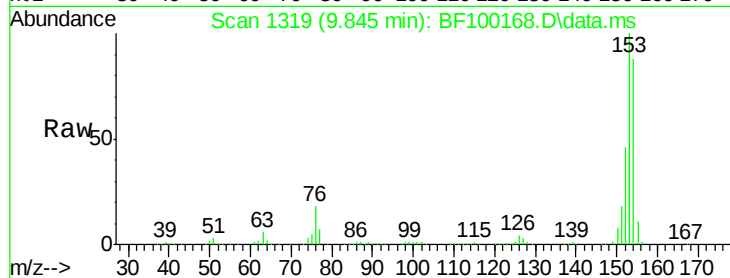
Tot Ion:154 Resp: 503933

Ion Ratio Lower Upper

154 100

153 113.6 91.2 136.8

152 52.5 43.8 65.8



#52

3-Nitroaniline

Concen: 26.77 ng

RT: 9.786 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

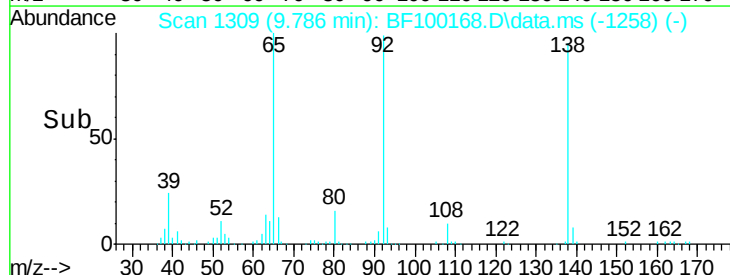
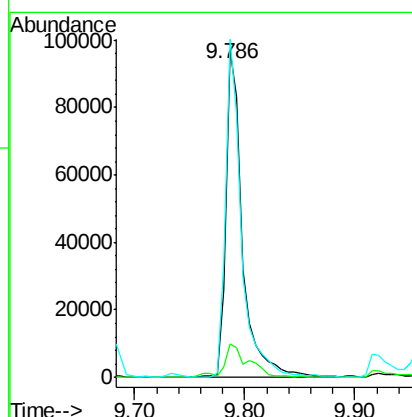
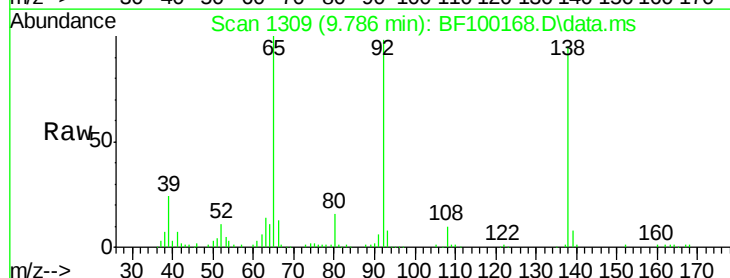
Tgt Ion:138 Resp: 102180

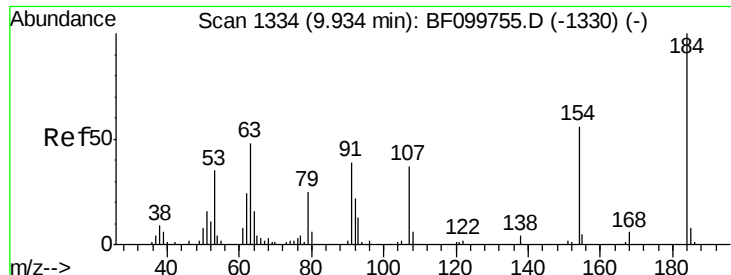
Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

92 103.5 89.4 134.2

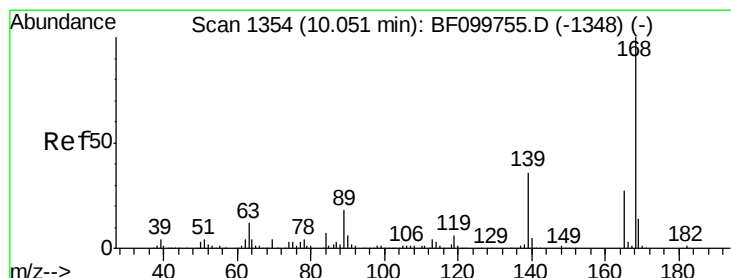
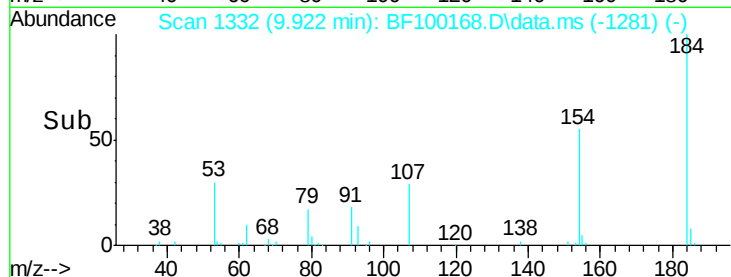
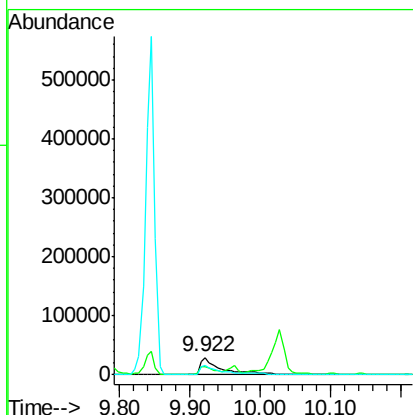
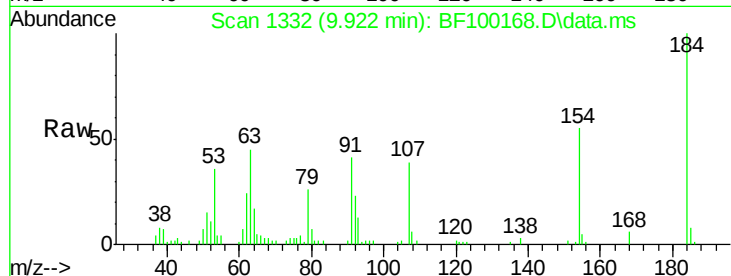




#53
 2,4-Dinitrophenol
 Concen: 48.90 ng
 RT: 9.922 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

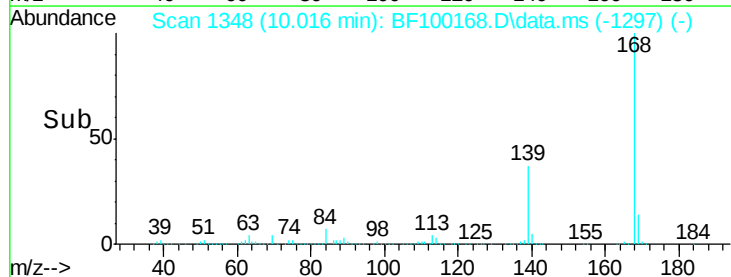
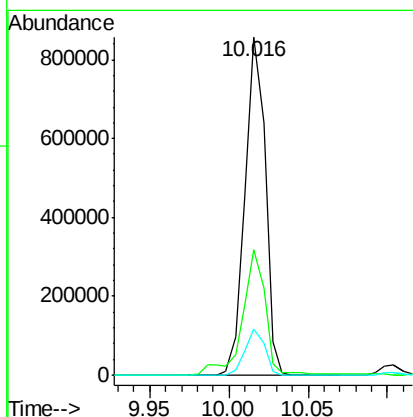
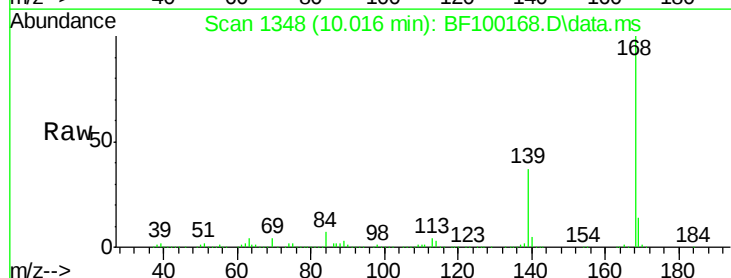
Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

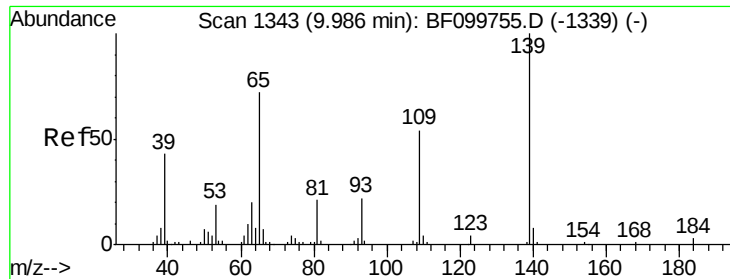
Tot Ion:184 Resp: 59456
 Ion Ratio Lower Upper
 184 100
 63 45.0 54.2 81.2#
 154 54.9 53.5 80.3



#54
 Dibenzofuran
 Concen: 44.78 ng
 RT: 10.016 min Scan# 1348
 Delta R.T. 0.000 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

Tgt Ion:168 Resp: 760383
 Ion Ratio Lower Upper
 168 100
 139 37.0 30.1 45.1
 169 13.7 10.9 16.3





#55

4-Nitrophenol

Concen: 166.70 ng

RT: 10.016 min Scan# 1348

Delta R.T. 0.041 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

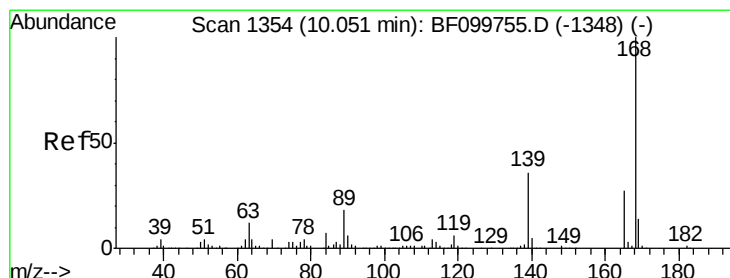
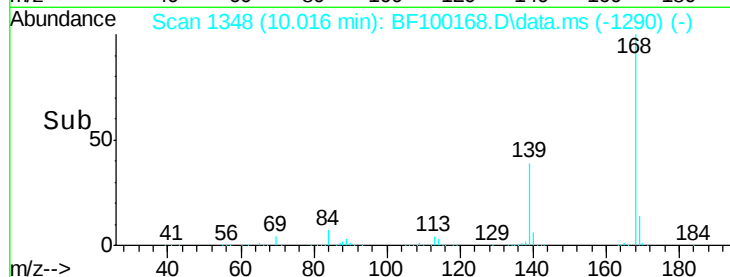
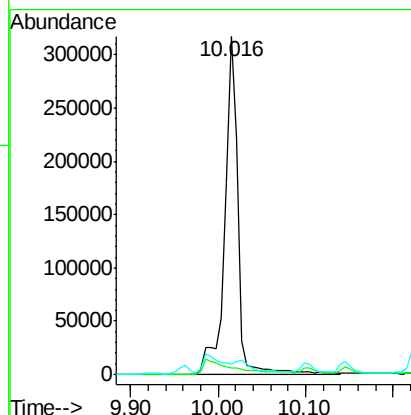
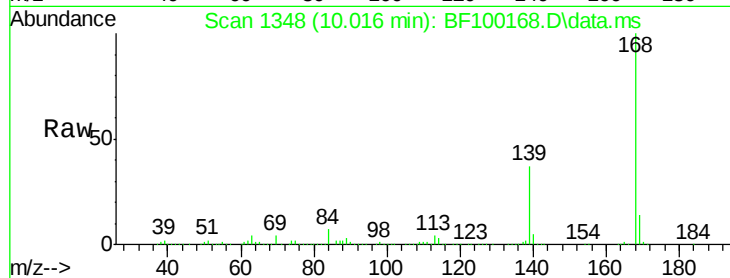
Tot Ion:139 Resp: 332424

Ion Ratio Lower Upper

139 100

109 2.1 48.4 88.4#

65 3.2 72.6 112.6#



#56

2,4-Dinitrotoluene

Concen: 48.09 ng

RT: 10.028 min Scan# 1350

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Tgt Ion:165 Resp: 187595

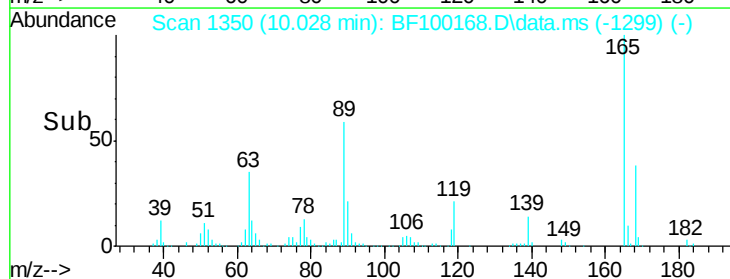
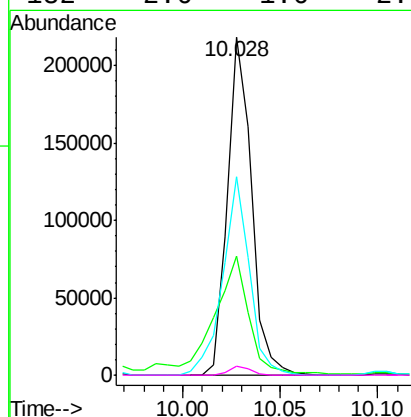
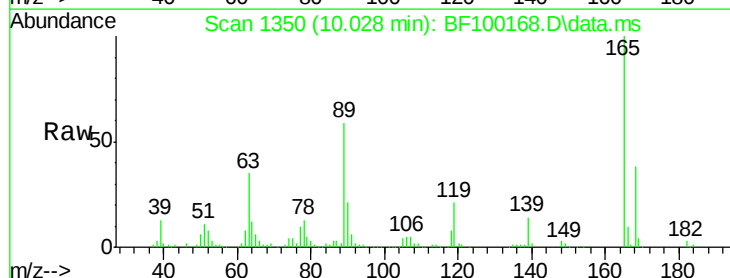
Ion Ratio Lower Upper

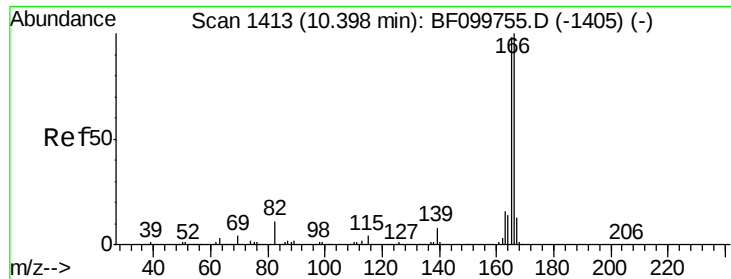
165 100

63 35.3 36.4 54.6#

89 58.8 57.8 86.6

182 2.6 1.6 2.4#





#57

Fluorene

Concen: 41.64 ng

RT: 10.363 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

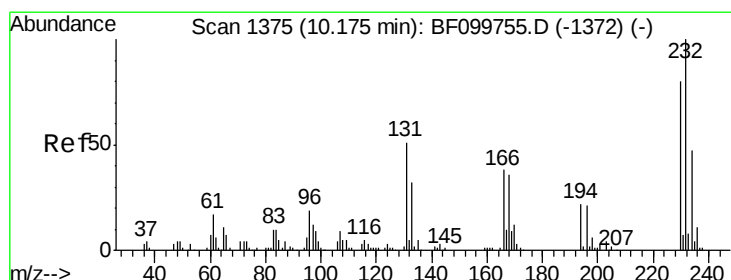
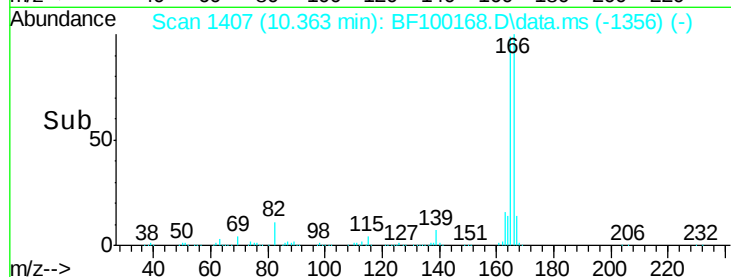
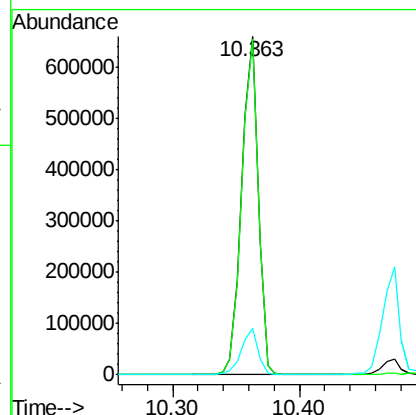
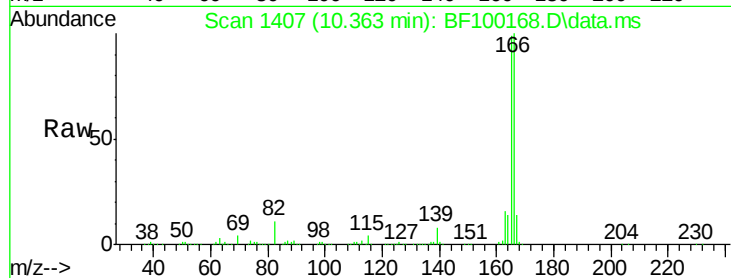
Tot Ion:166 Resp: 585395

Ion Ratio Lower Upper

166 100

165 99.3 79.8 119.8

167 13.5 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.44 ng

RT: 10.145 min Scan# 1370

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Tgt Ion:232 Resp: 128517

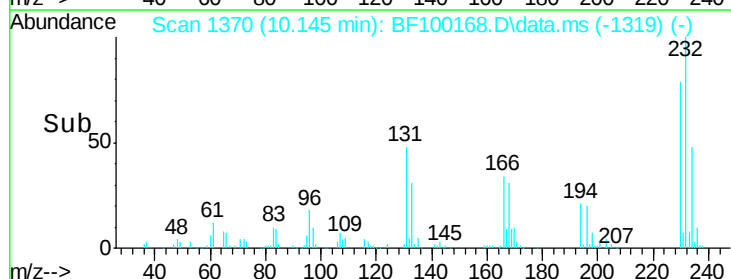
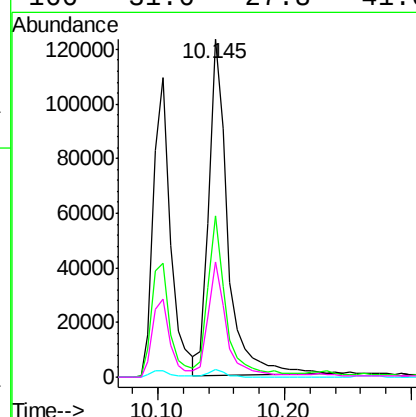
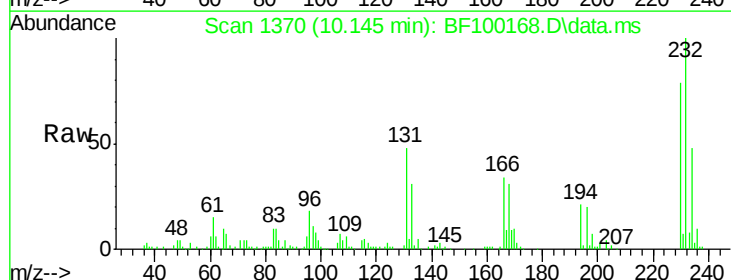
Ion Ratio Lower Upper

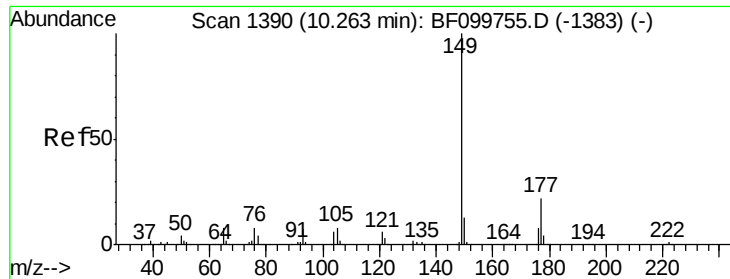
232 100

131 43.0 43.8 65.8#

130 2.1 2.1 3.1

166 31.6 27.8 41.6

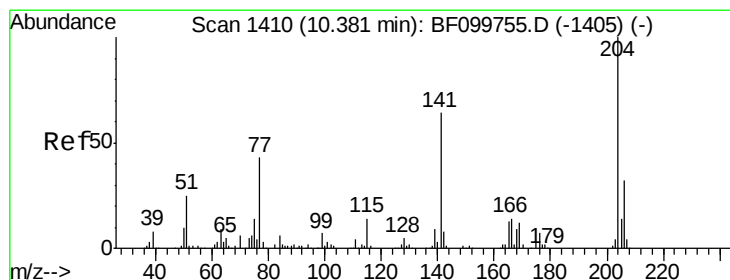
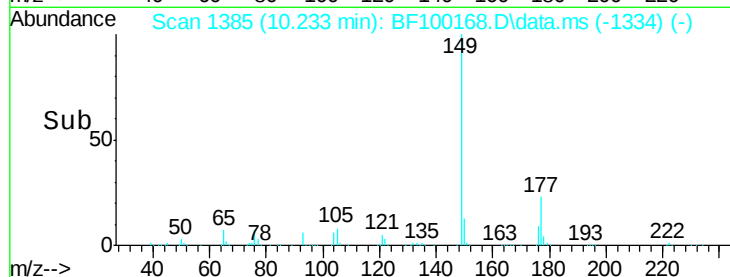
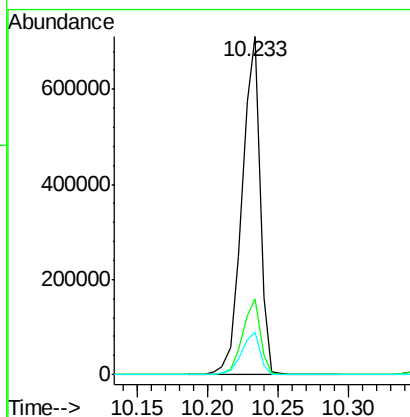
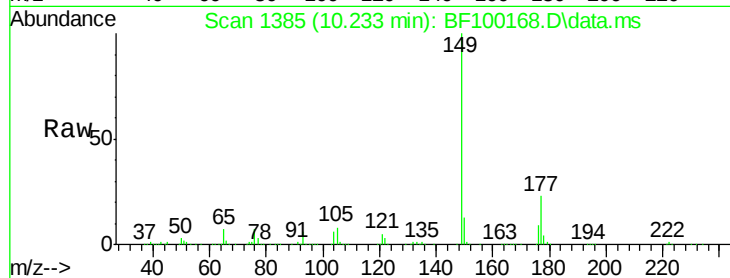




#59
Diethylphthalate
Concen: 41.90 ng
RT: 10.233 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

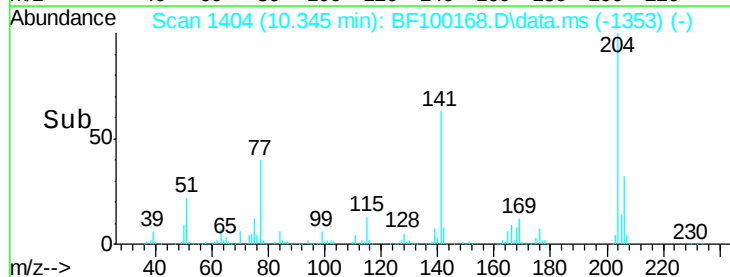
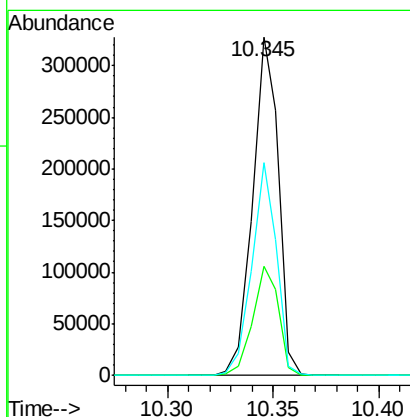
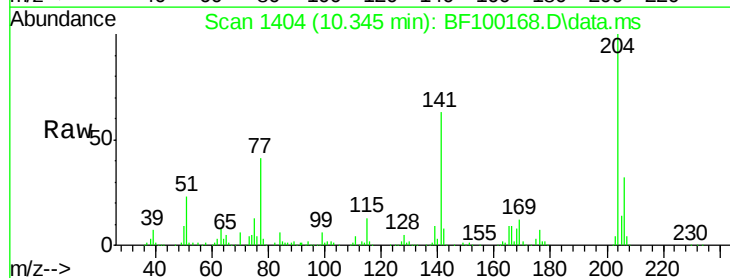
Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

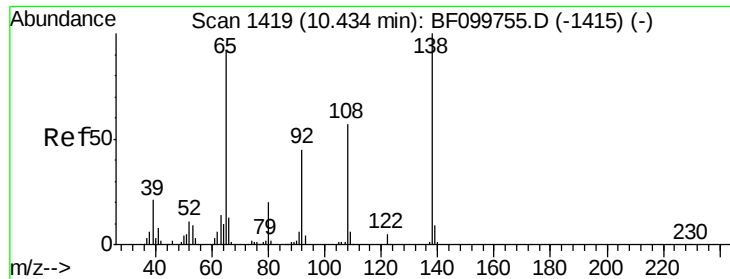
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.5	16.1	24.1
150	12.5	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.18 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	63.0	54.6	81.8

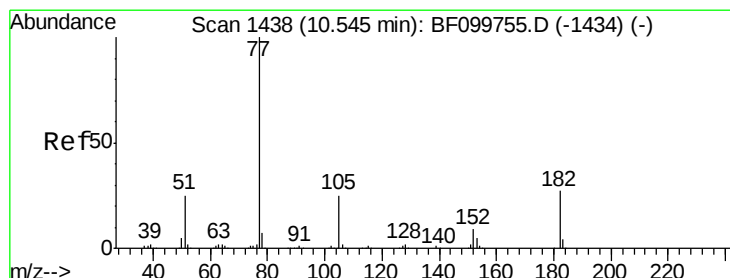
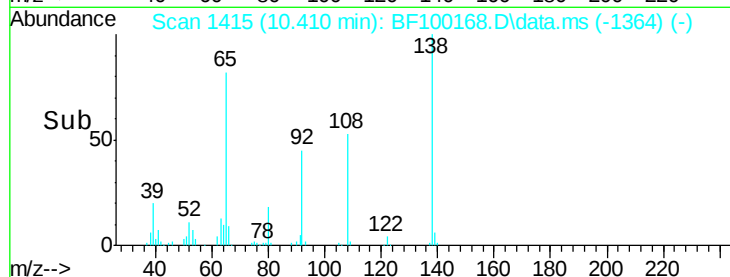
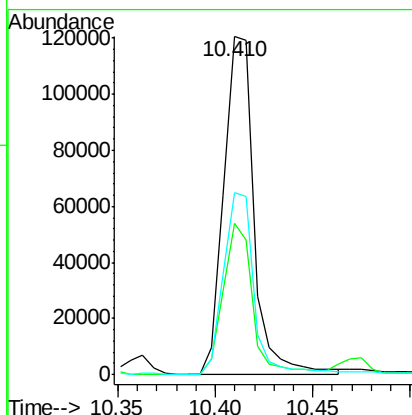
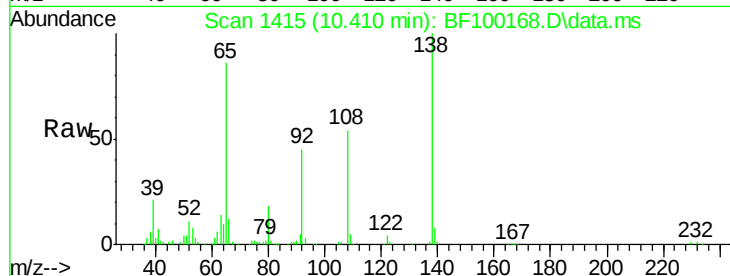




#61
4-Nitroaniline
Concen: 35.66 ng
RT: 10.410 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

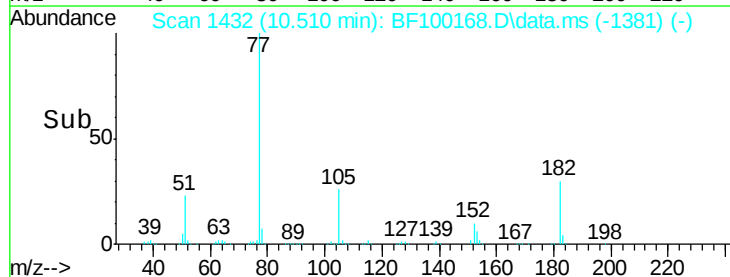
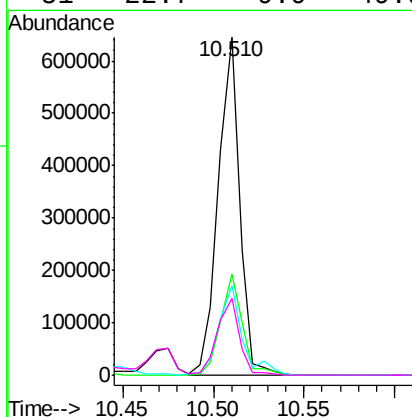
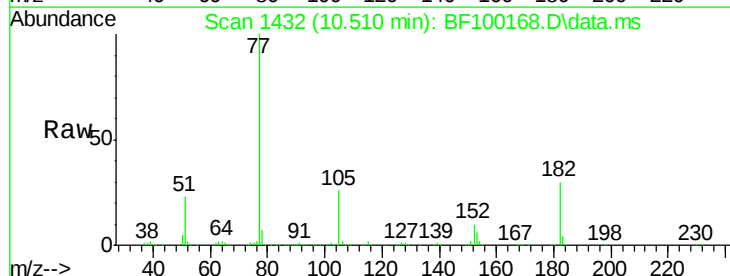
Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

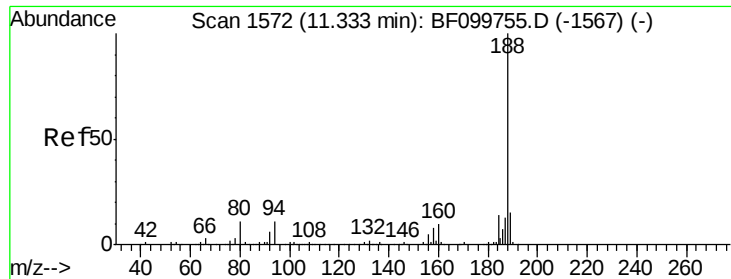
Tot Ion:138 Resp: 129857
Ion Ratio Lower Upper
138 100
92 44.8 30.2 70.2
108 53.8 52.5 92.5



#62
Azobenzene
Concen: 42.26 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion: 77 Resp: 533075
Ion Ratio Lower Upper
77 100
182 29.8 1.7 41.7
105 26.4 3.0 43.0
51 22.7 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.298 min Scan# 15

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

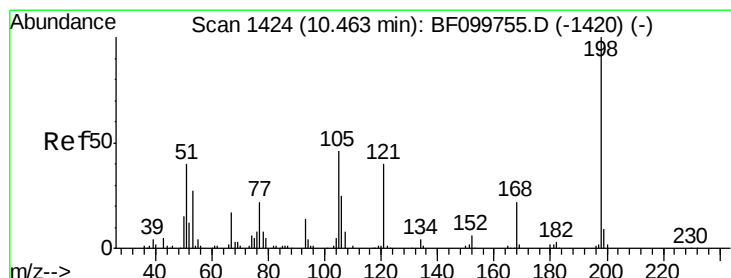
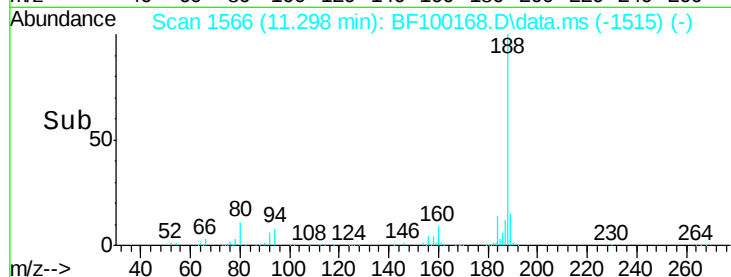
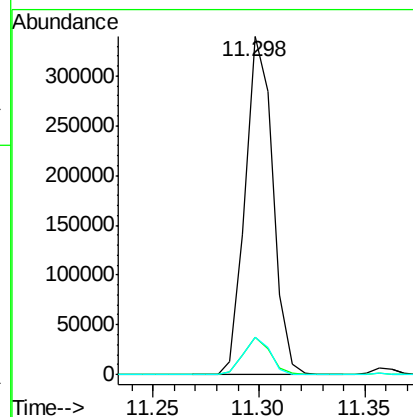
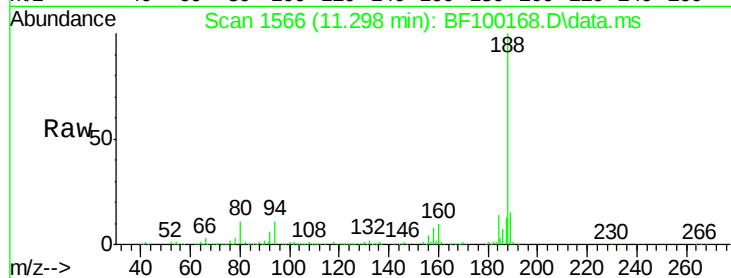
Tot Ion:188 Resp: 307348

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

80 11.2 9.2 13.8



#64

4,6-Dinitro-2-methylphenol

Concen: 24.46 ng

RT: 10.445 min Scan# 1421

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

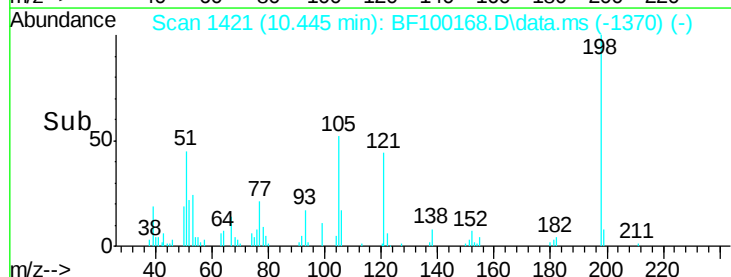
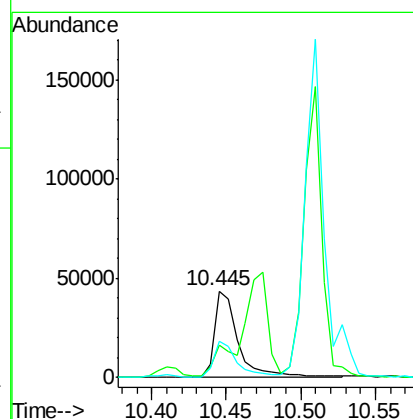
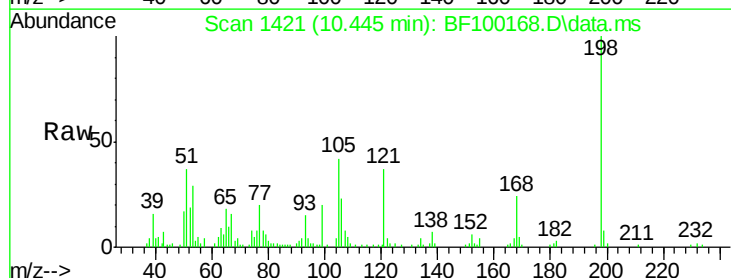
Tgt Ion:198 Resp: 47264

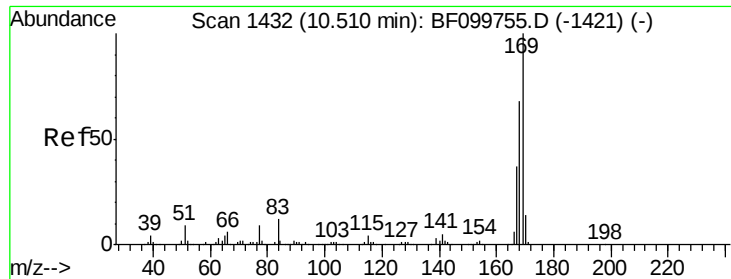
Ion Ratio Lower Upper

198 100

51 36.8 37.7 77.7#

105 41.9 36.3 76.3

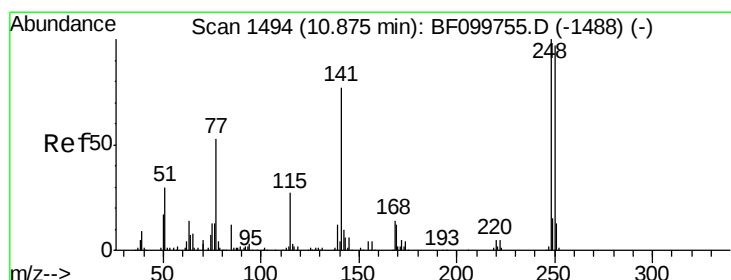
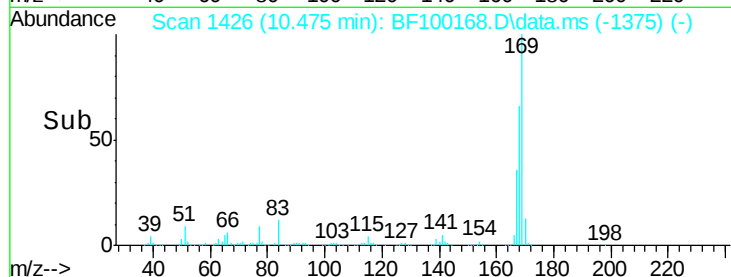
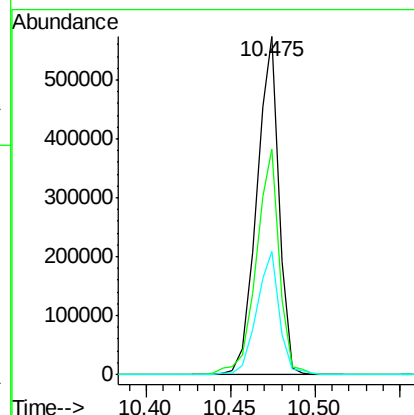
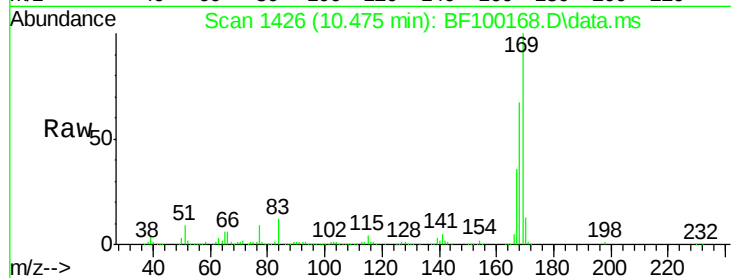




#65
n-Nitrosodiphenylamine
Concen: 46.50 ng
RT: 10.475 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

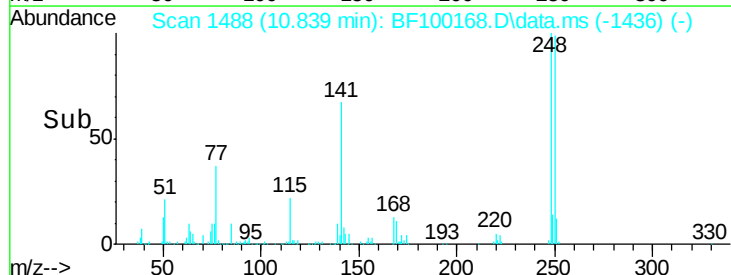
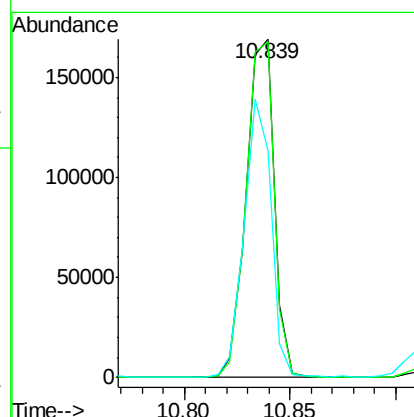
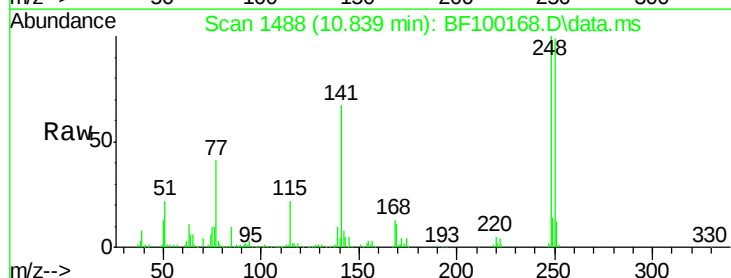
Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

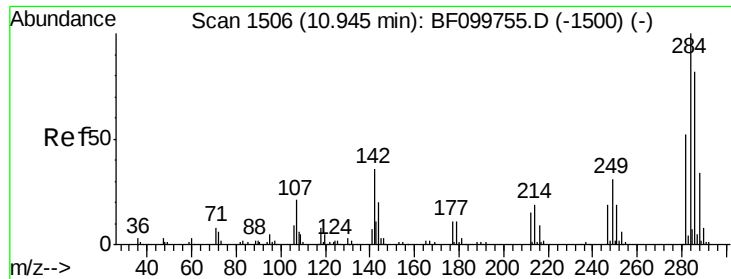
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.6	54.4	81.6
167	36.5	29.8	44.6



#66
4-Bromophenyl-phenylether
Concen: 48.38 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.006 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.4	76.9	115.3
141	67.1	74.4	111.6#

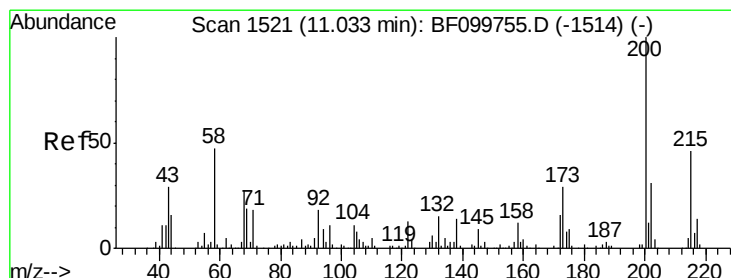
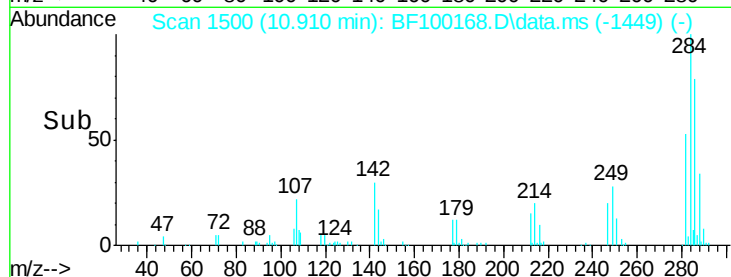
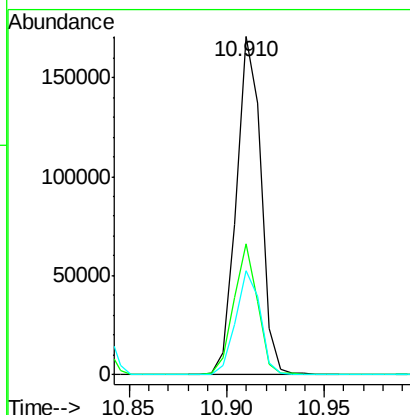
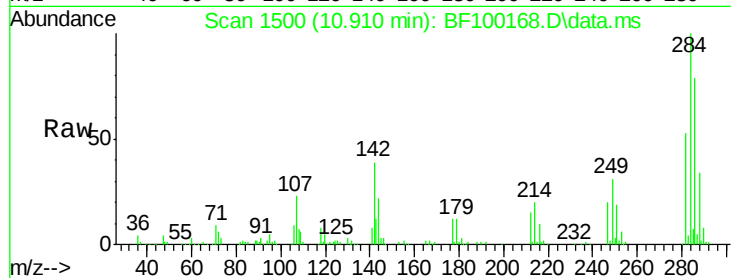




#67
Hexachlorobenzene
Concen: 45.13 ng
RT: 10.910 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

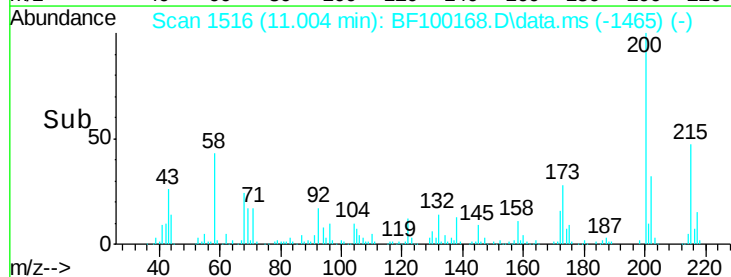
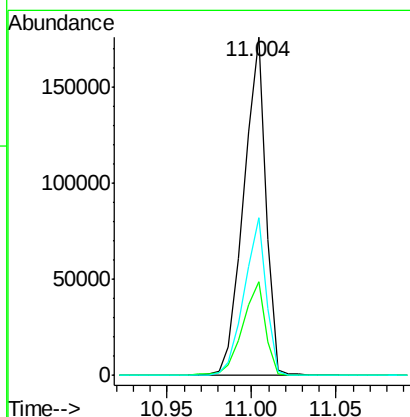
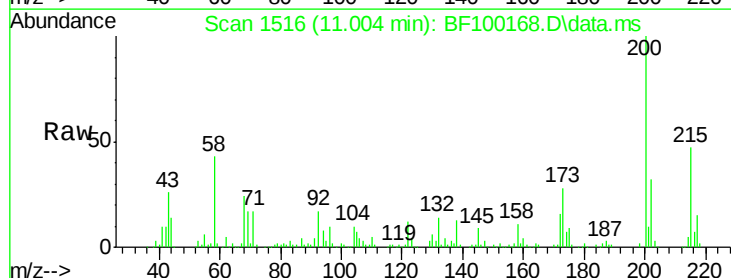
Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

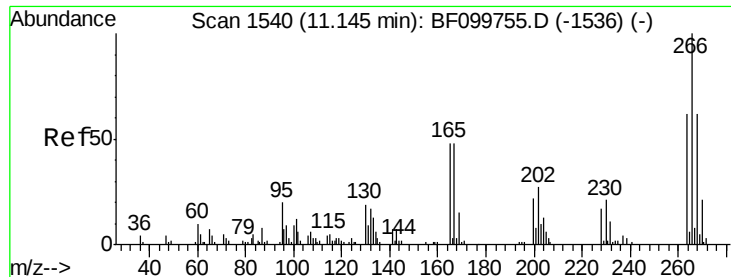
Tot Ion:284 Resp: 149384
Ion Ratio Lower Upper
284 100
142 38.5 34.6 52.0
249 30.8 24.8 37.2



#68
Atrazine
Concen: 47.34 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion:200 Resp: 161336
Ion Ratio Lower Upper
200 100
173 27.8 8.6 48.6
215 46.6 25.1 65.1





#69

Pentachlorophenol

Concen: 74.27 ng

RT: 11.116 min Scan# 15

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

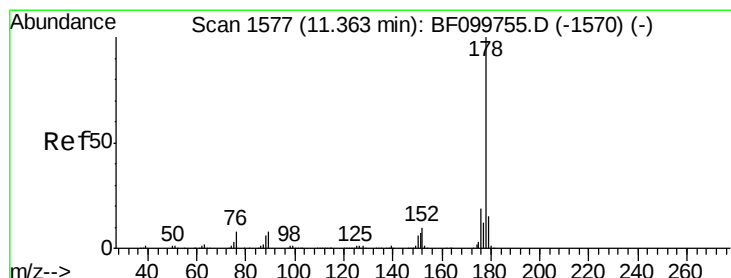
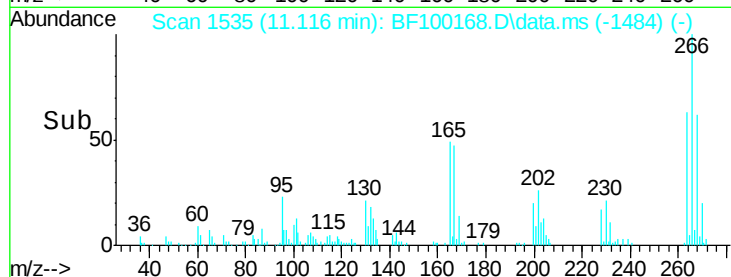
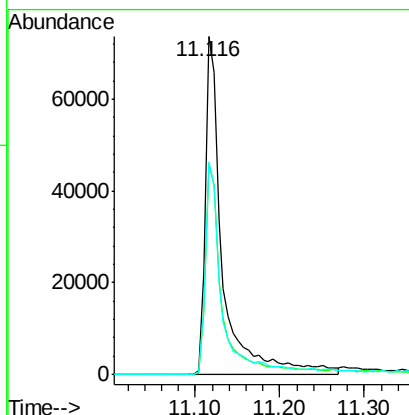
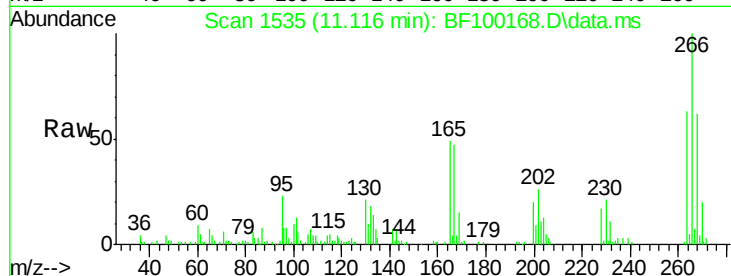
Tot Ion:266 Resp: 105051

Ion Ratio Lower Upper

266 100

268 62.3 51.1 76.7

264 62.8 49.5 74.3



#70

Phenanthrene

Concen: 43.02 ng

RT: 11.327 min Scan# 1571

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

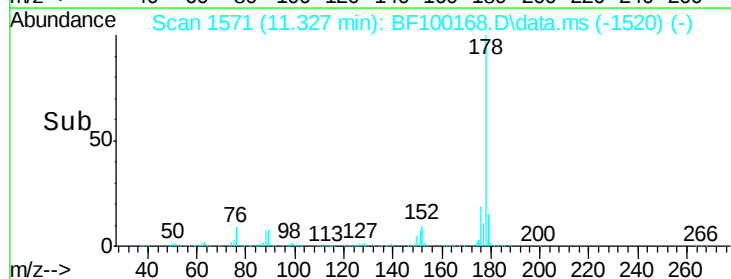
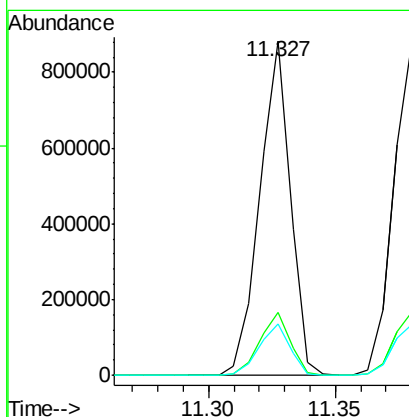
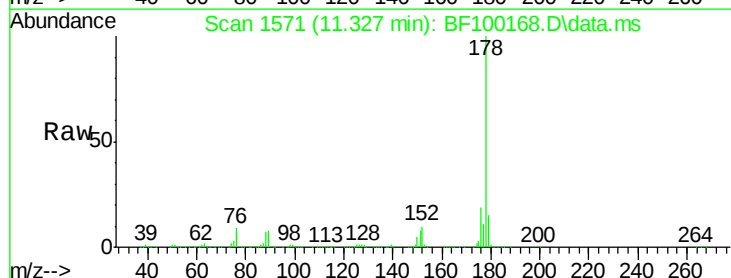
Tgt Ion:178 Resp: 746184

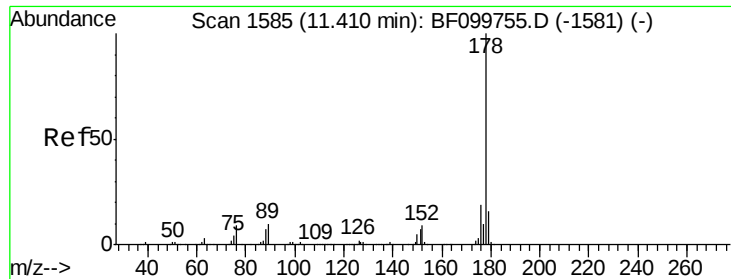
Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

179 15.4 13.0 19.6

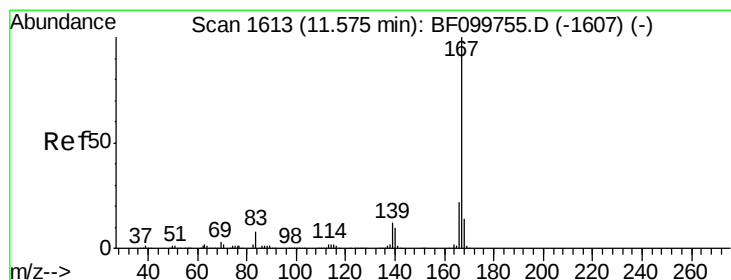
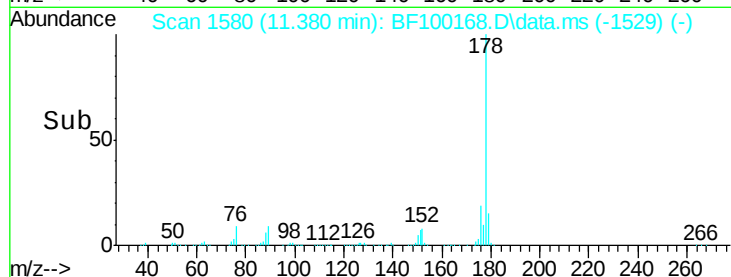
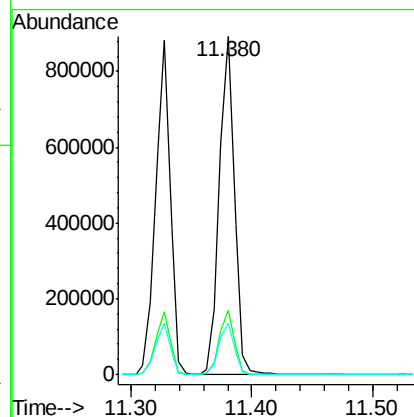
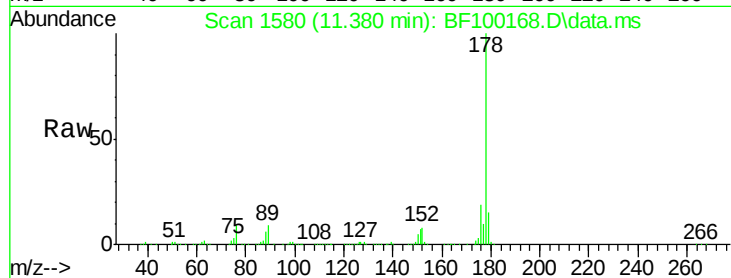




#71
 Anthracene
 Concen: 43.32 ng
 RT: 11.380 min Scan# 15
 Delta R.T. 0.000 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

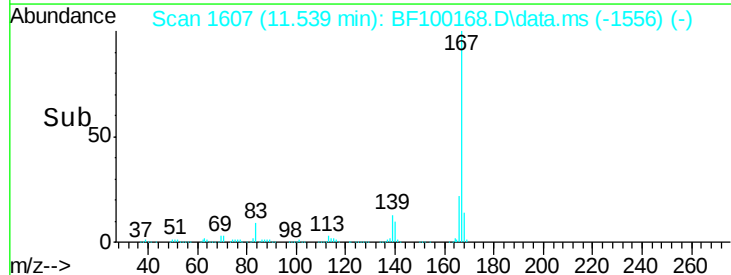
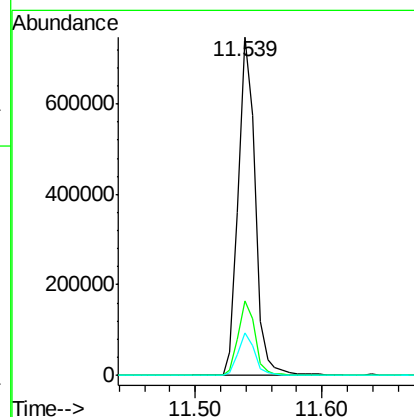
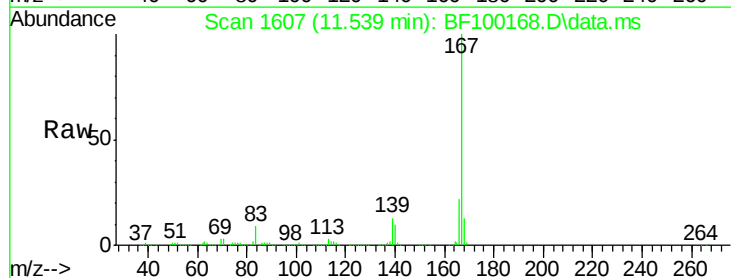
Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

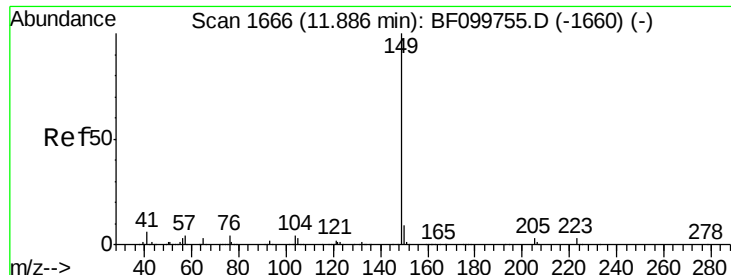
Tot Ion:178 Resp: 762677
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 41.21 ng
 RT: 11.539 min Scan# 1607
 Delta R.T. 0.000 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

Tgt Ion:167 Resp: 682257
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 12.6 10.9 16.3

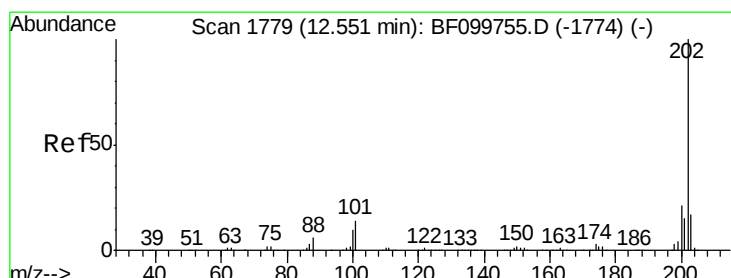
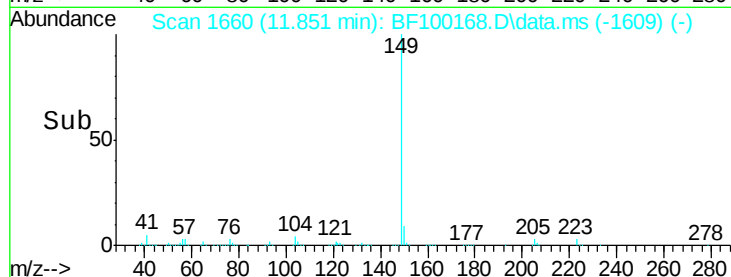
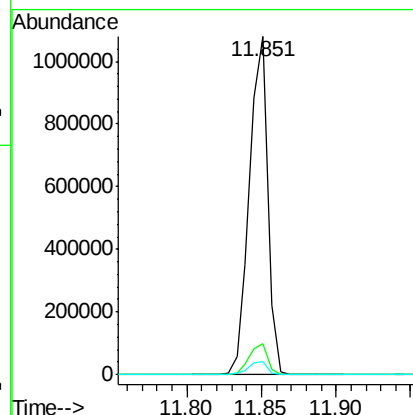
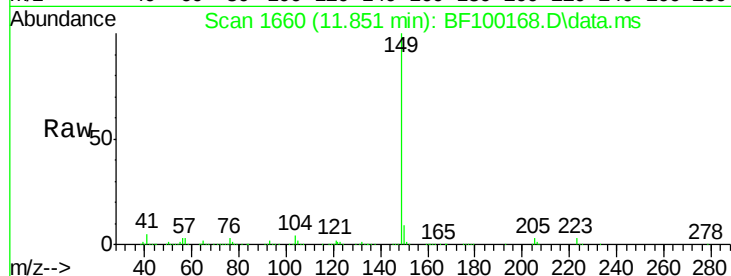




#73
Di-n-butylphthalate
Concen: 43.67 ng
RT: 11.851 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

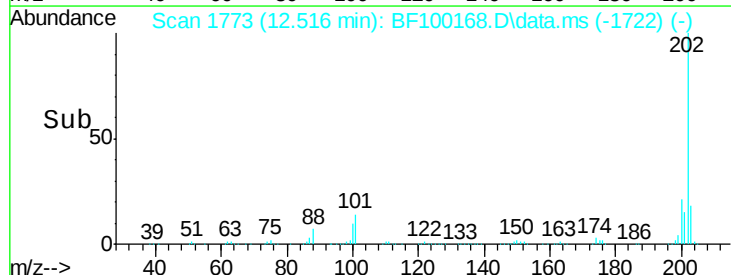
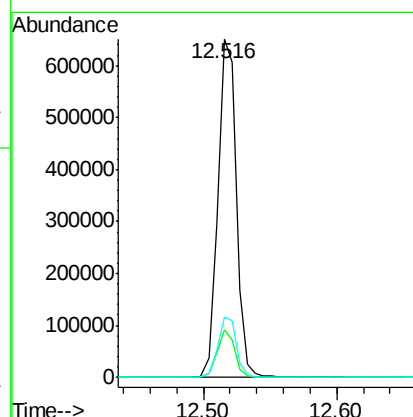
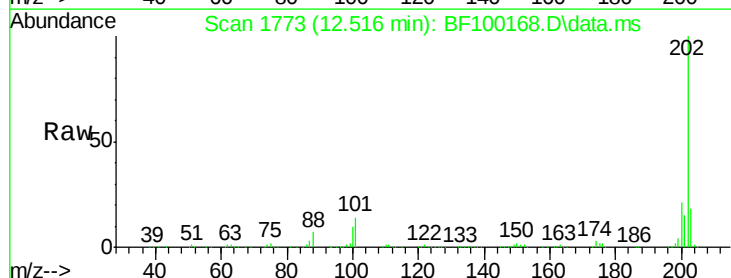
Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

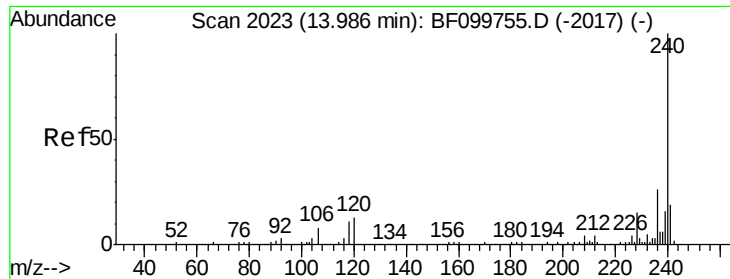
Tot Ion:149 Resp: 922178
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 3.7 3.8 5.8#



#74
Fluoranthene
Concen: 35.34 ng
RT: 12.516 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion:202 Resp: 636960
Ion Ratio Lower Upper
202 100
101 14.0 0.0 34.1
203 17.7 0.0 38.1

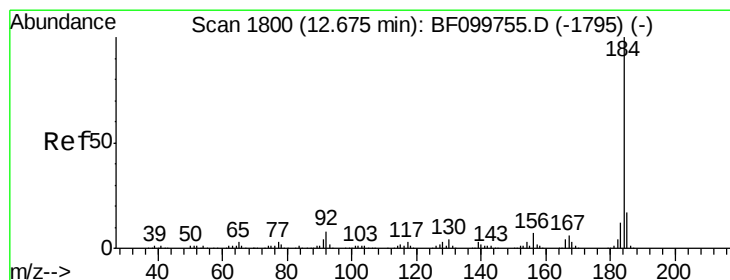
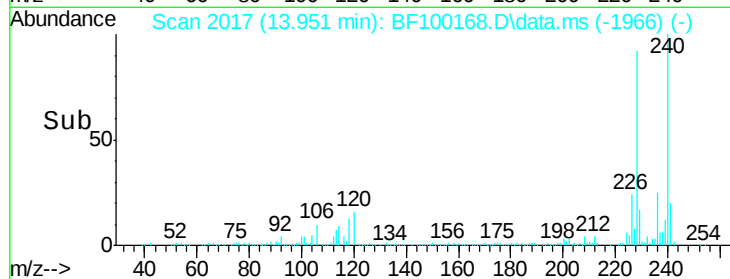
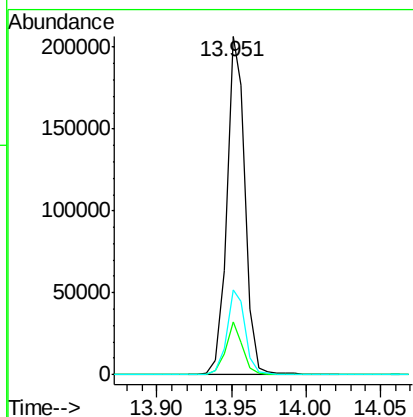
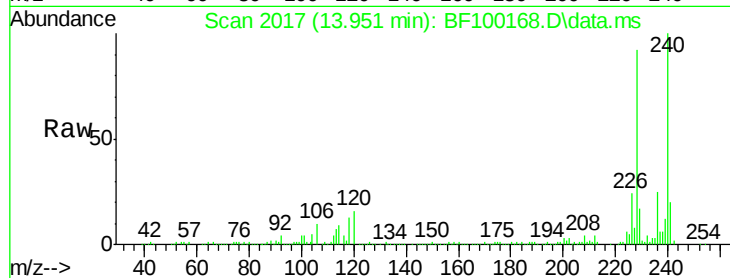




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

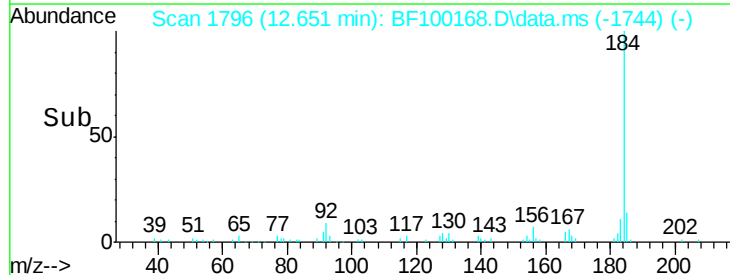
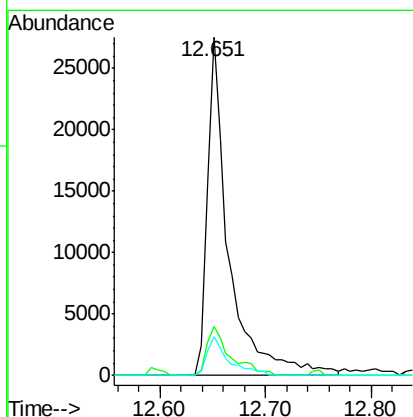
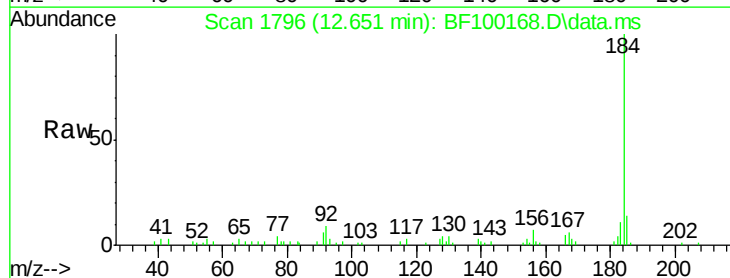
Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

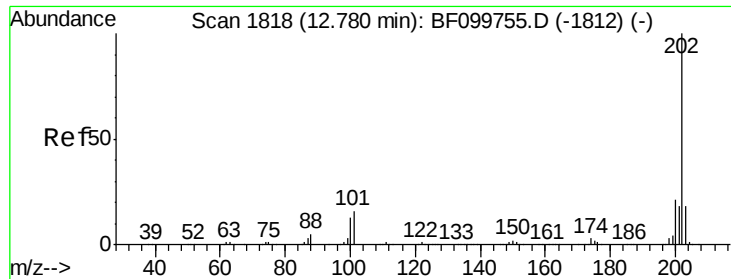
Tot Ion:240 Resp: 178324
Ion Ratio Lower Upper
240 100
120 15.5 9.5 14.3#
236 25.1 20.7 31.1



#76
Benzidine
Concen: 4.94 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.006 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion:184 Resp: 38567
Ion Ratio Lower Upper
184 100
185 14.4 12.6 18.8
183 11.3 9.3 13.9

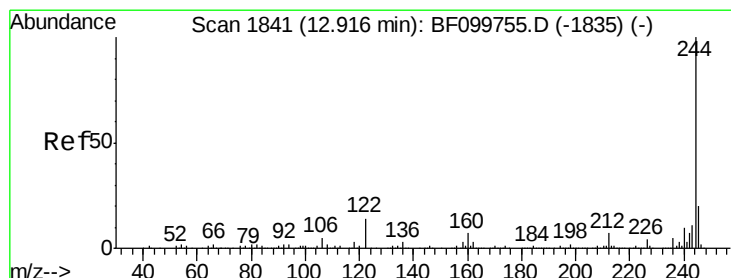
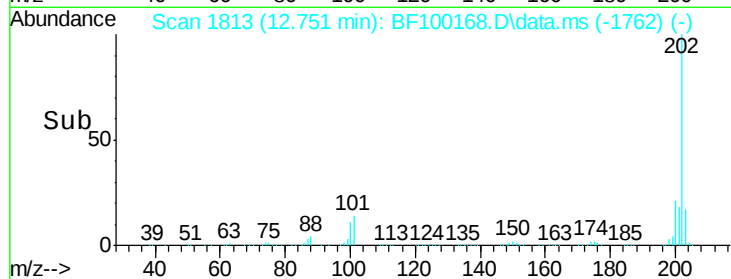
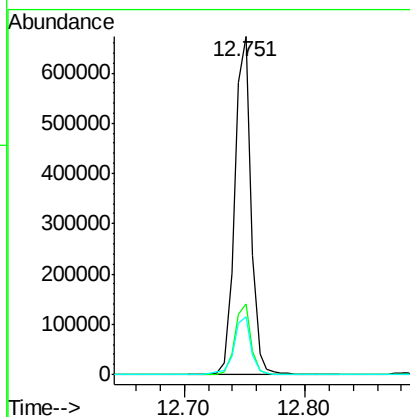
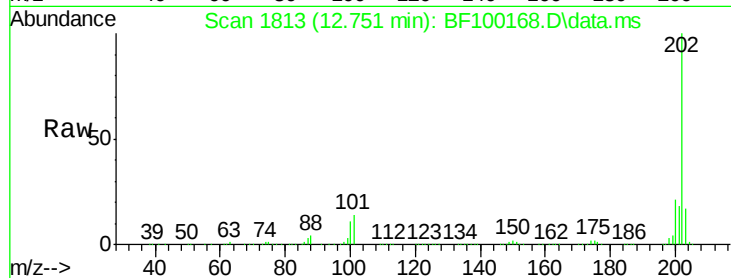




#77
Pvrene
Concen: 46.56 ng
RT: 12.751 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

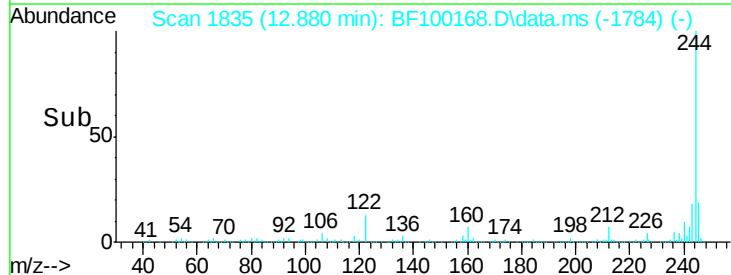
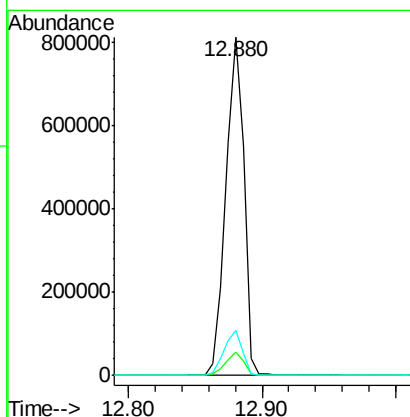
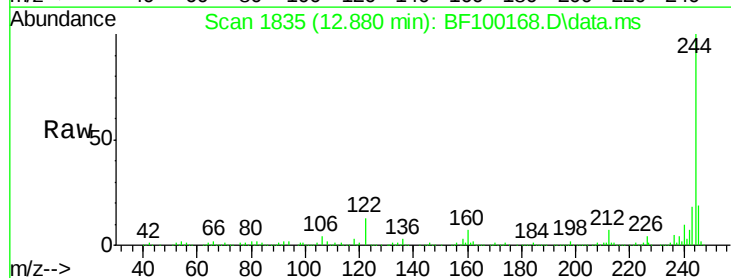
Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

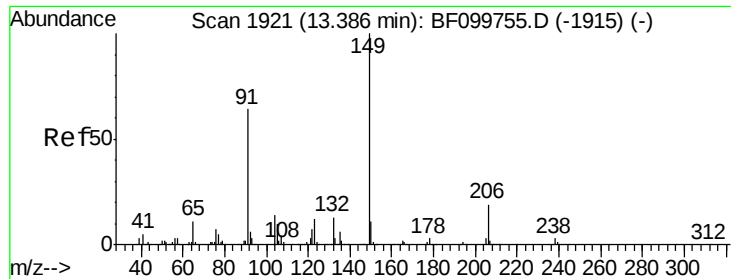
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.2	14.3	21.5



#78
Terphenyl-d14
Concen: 95.96 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.4	11.0	16.4

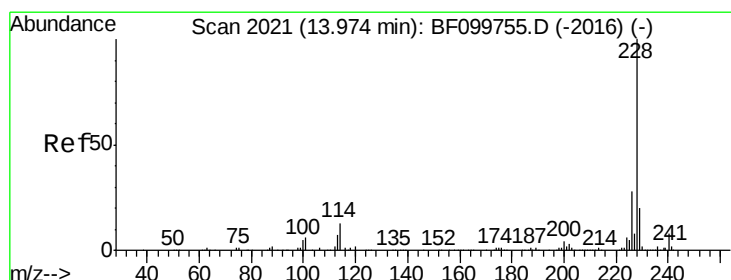
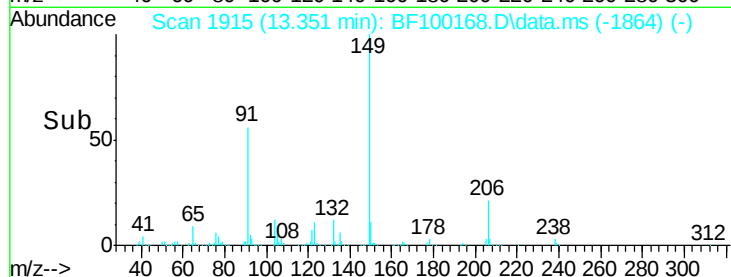
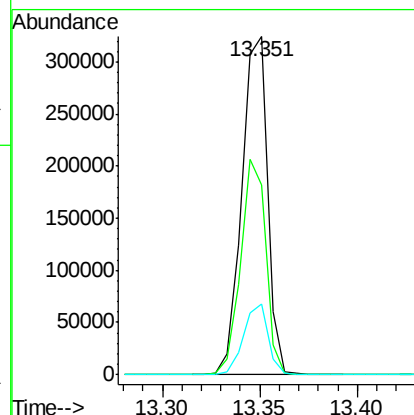
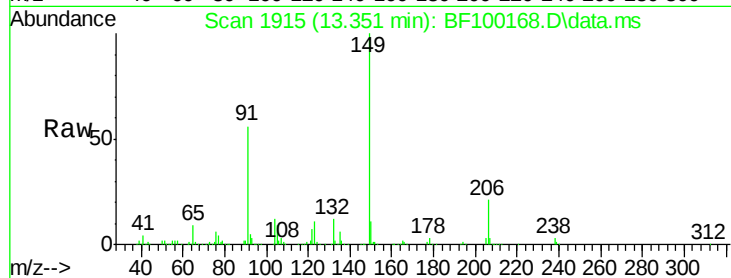




#79
Butylbenzylphthalate
Concen: 44.54 ng
RT: 13.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

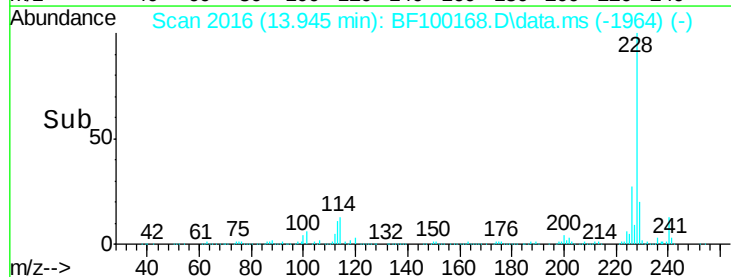
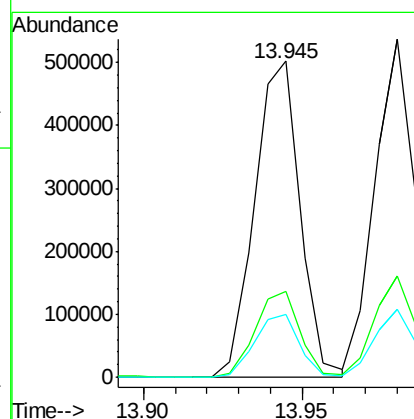
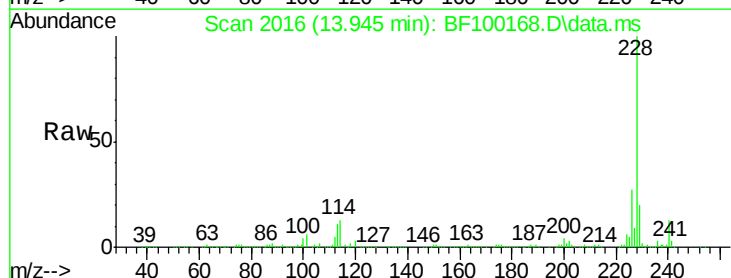
Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

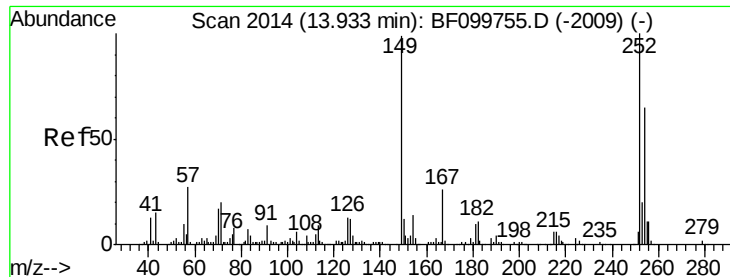
Tot Ion	Ratio	Lower	Upper
149	100		
91	56.2	56.8	85.2#
206	21.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 44.14 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.8	15.8	23.6

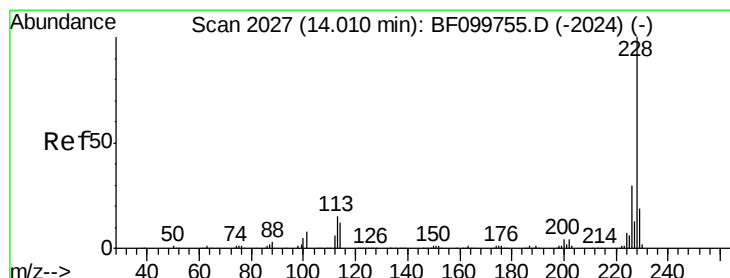
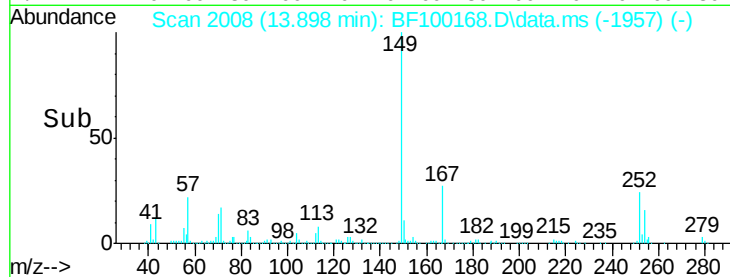
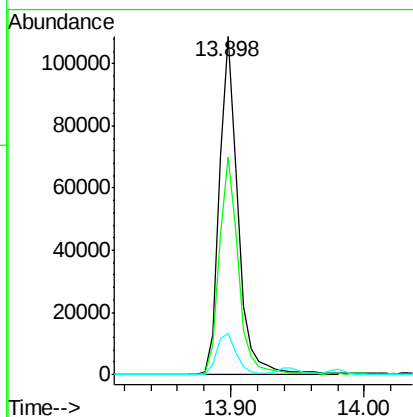
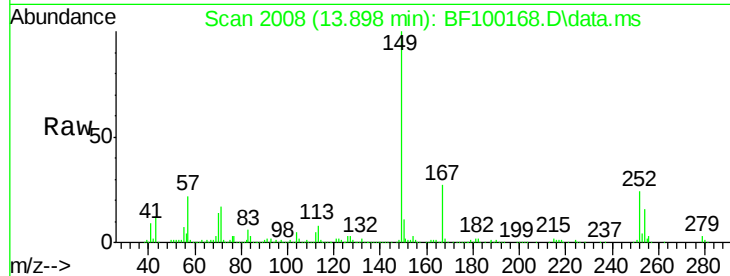




#81
 3,3'-Dichlorobenzidine
 Concen: 26.15 ng
 RT: 13.898 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

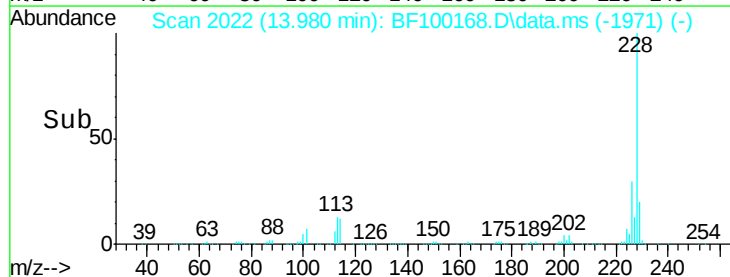
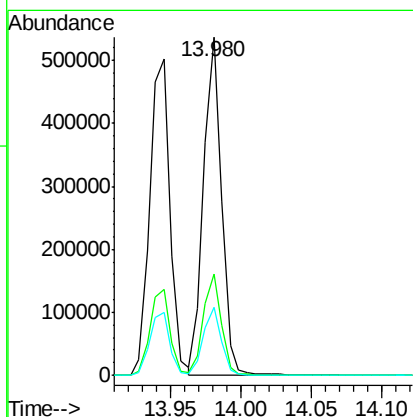
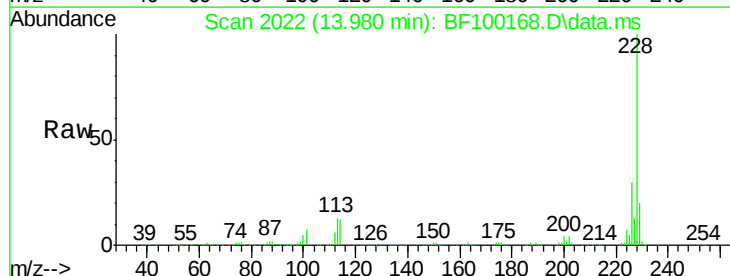
Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

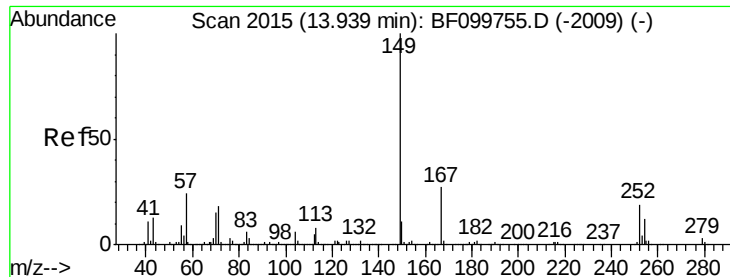
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.4	75.6
126	12.3	11.3	16.9



#82
 Chrysene
 Concen: 45.12 ng
 RT: 13.980 min Scan# 2022
 Delta R.T. 0.000 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	20.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.46 ng

RT: 13.898 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

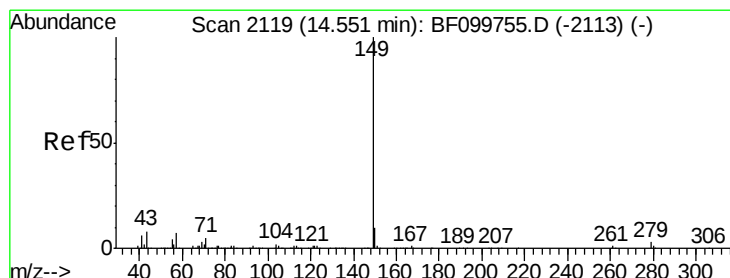
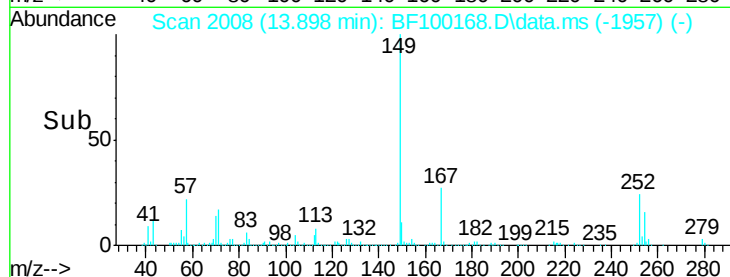
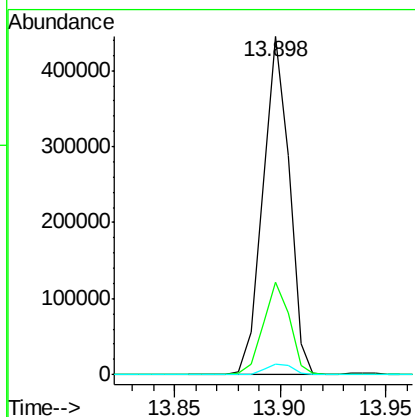
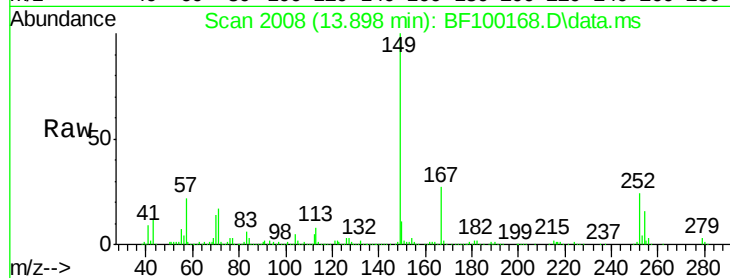
Tot Ion:149 Resp: 388729

Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

279 3.1 3.0 4.4



#84

Di-n-octyl phthalate

Concen: 40.75 ng

RT: 14.510 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

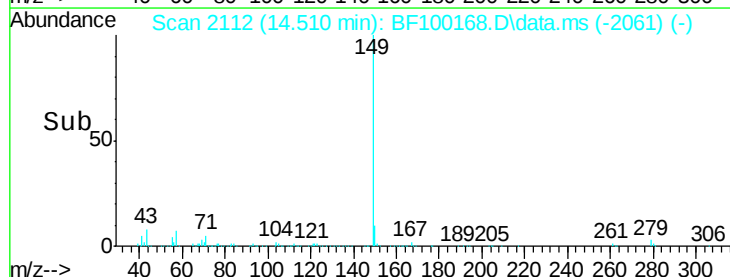
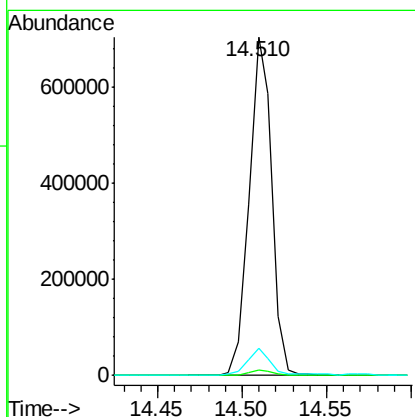
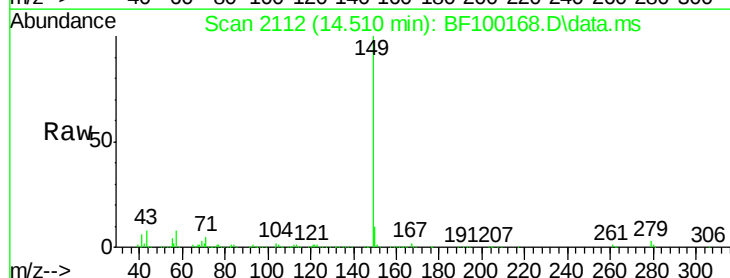
Tgt Ion:149 Resp: 655774

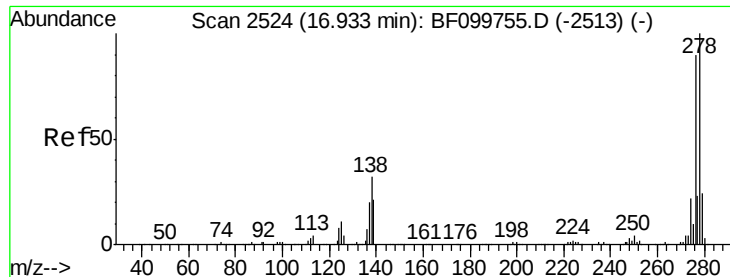
Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

43 7.5 8.4 12.6#

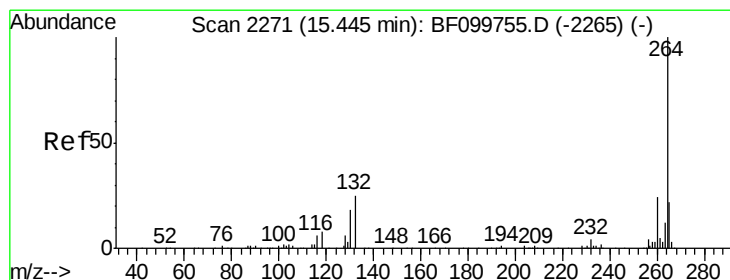
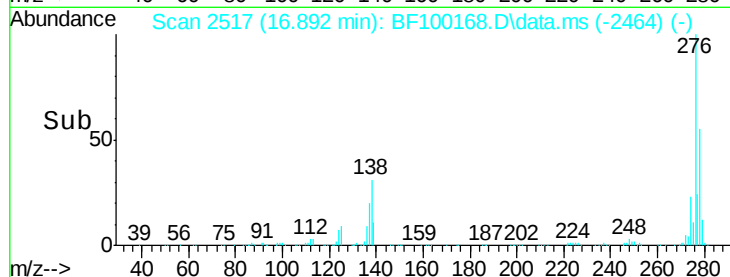
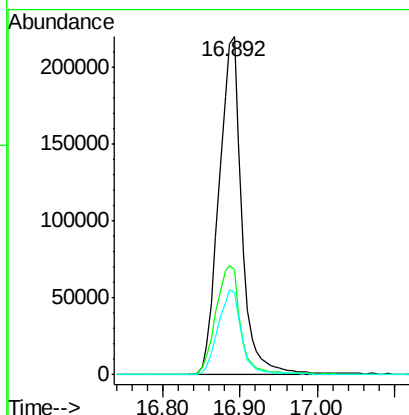
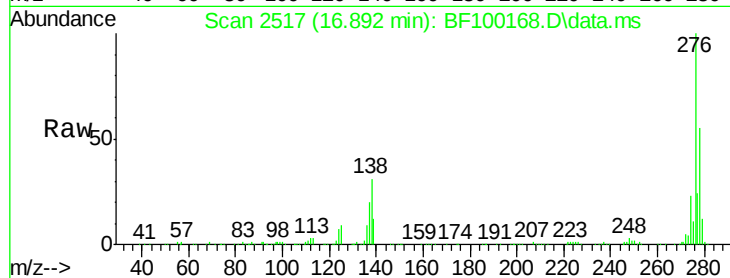




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.09 ng
 RT: 16.892 min Scan# 2517
 Delta R.T. 0.012 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

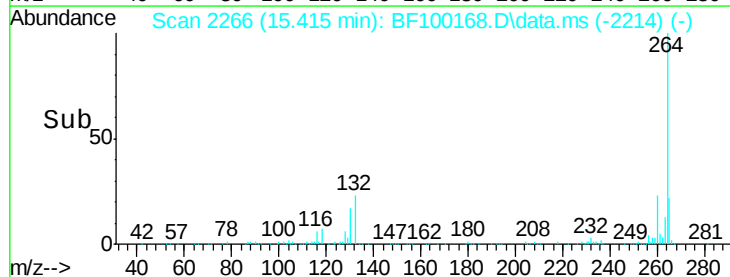
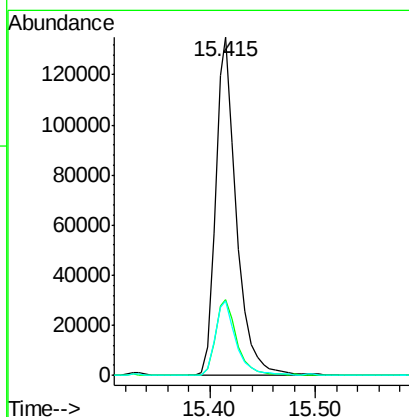
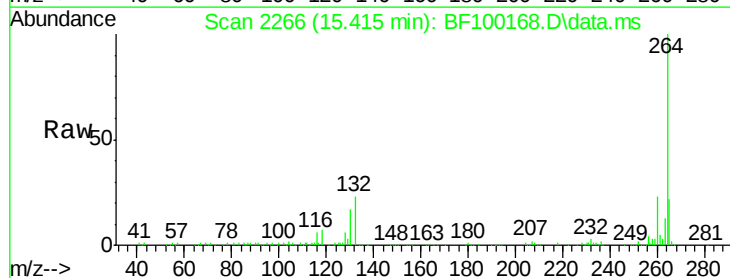
Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

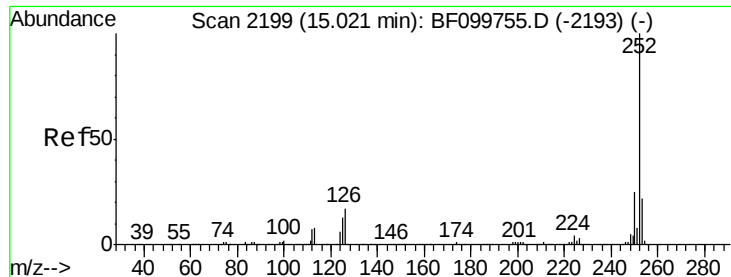
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.6	25.0	37.6
277	25.6	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. 0.006 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	22.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 43.18 ng

RT: 14.992 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

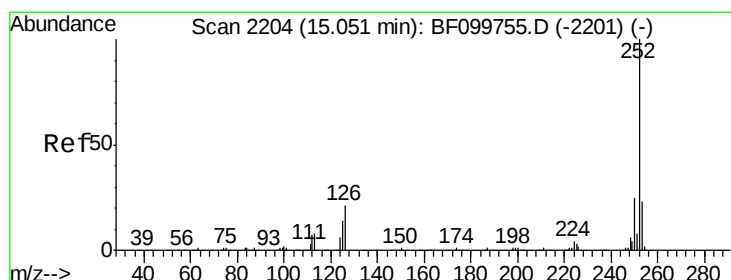
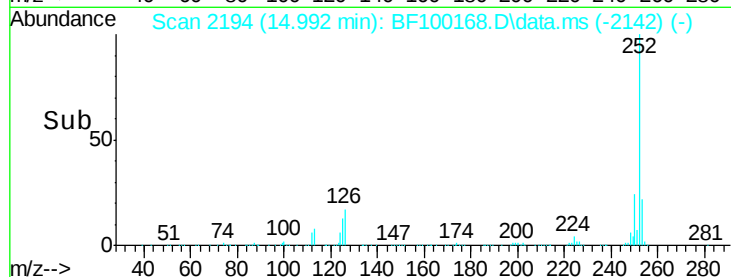
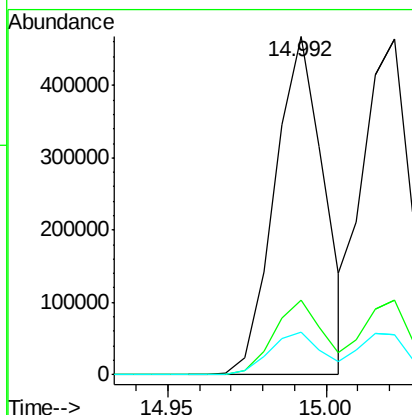
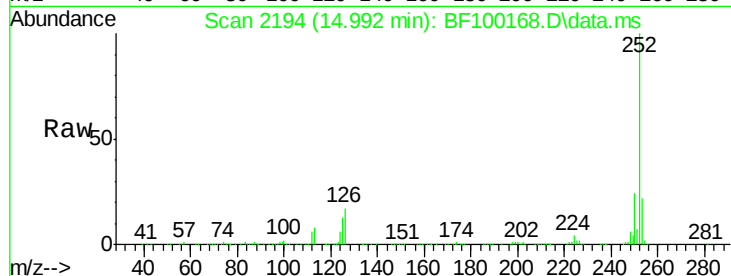
Tot Ion:252 Resp: 507745

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 12.7 9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 46.11 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

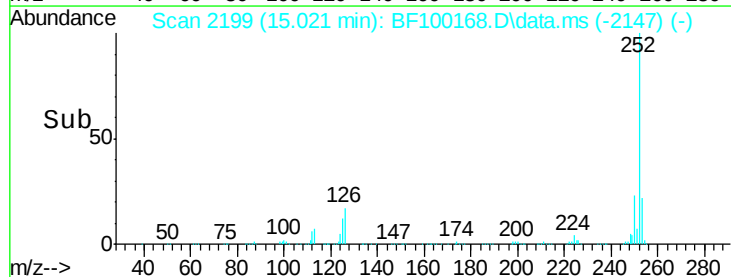
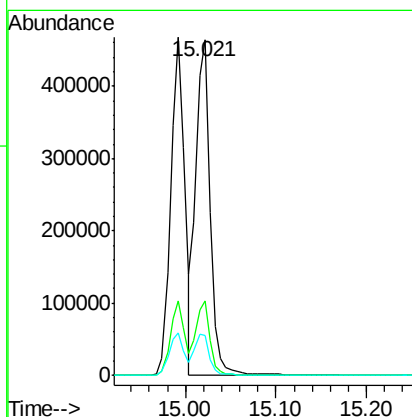
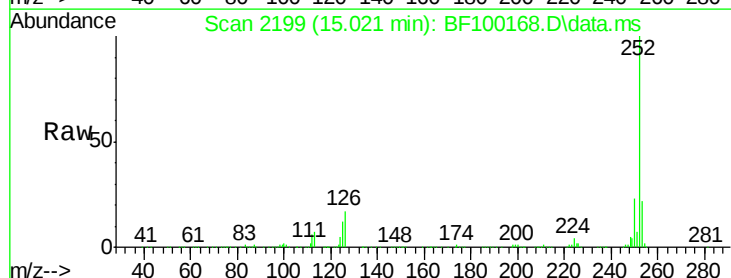
Tgt Ion:252 Resp: 511235

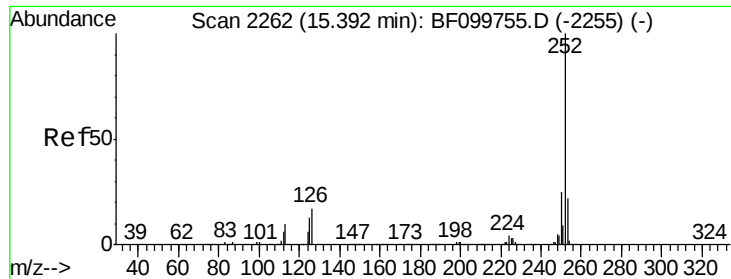
Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 11.9 10.2 15.2

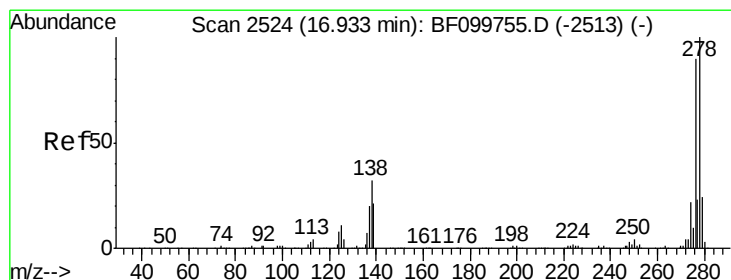
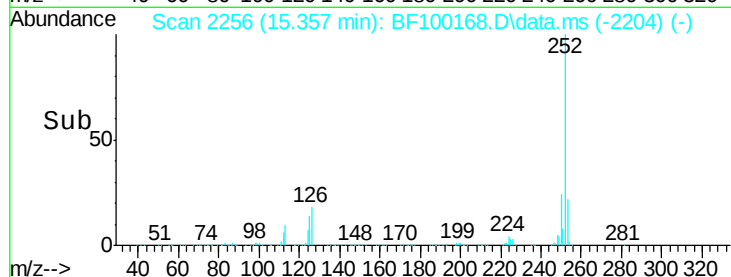
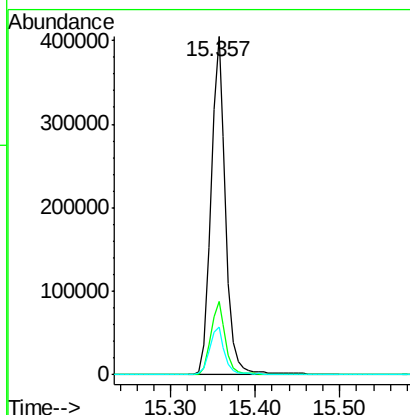
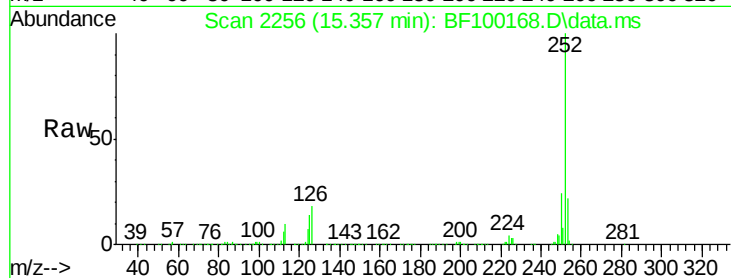




#89
Benzo(a)pyrene
Concen: 46.83 ng
RT: 15.357 min Scan# 2256
Delta R.T. 0.006 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

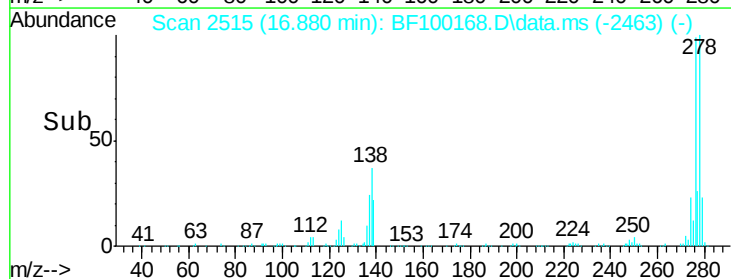
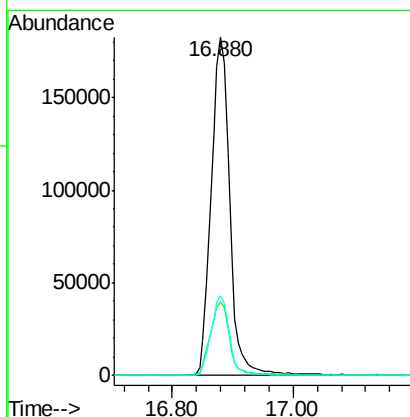
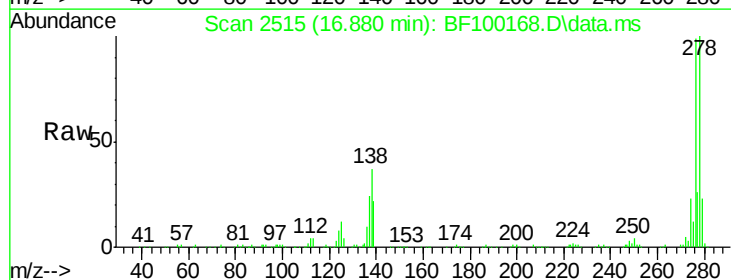
Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

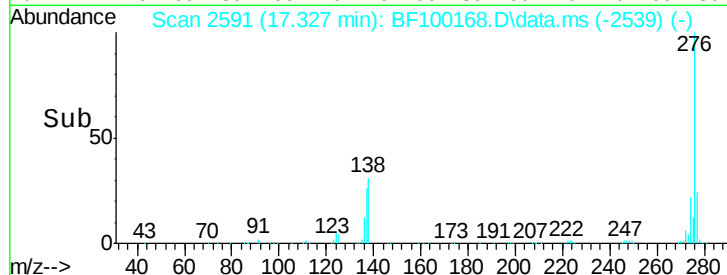
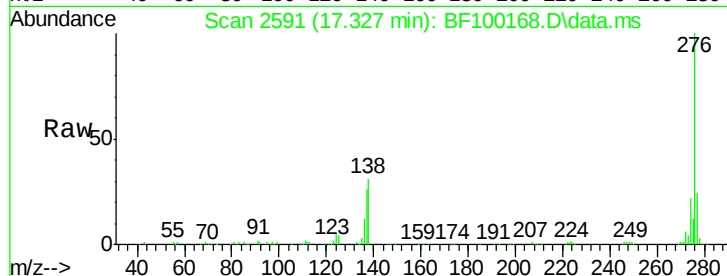
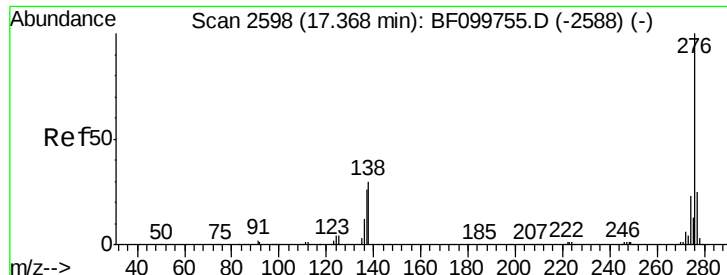
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	13.9	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 41.45 ng
RT: 16.880 min Scan# 2515
Delta R.T. 0.006 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	15.9	23.9
279	23.4	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 39.89 ng

RT: 17.327 min Scan# 25

Delta R.T. 0.006 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

Tot Ion:276 Resp: 366269

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 31.1 21.8 32.8

