

Data Path : Z:\HPCHEM1\BNA G\Data\BG092017\
 Data File : BG028840.D
 Acq On : 20 Sep 2017 20:32
 Operator : SJ/JU
 Sample : I5281-03MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2-EWMSD

Quant Time: Sep 21 01:27:39 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	32787	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	141189	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	102639	20.00	ng	-0.03
63) Phenanthrene-d10	17.66	188	263740	20.00	ng	-0.03
75) Chrysene-d12	21.99	240	304392	20.00	ng	-0.05
86) Perylene-d12	25.46	264	305788	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.86	112	150930	75.96	ng	-0.05
7) Phenol-d6	7.44	99	135272	45.22	ng	-0.05
23) Nitrobenzene-d5	9.46	82	280888	95.17	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	257367	151.61	ng	-0.03
44) 2-Fluorobiphenyl	13.53	172	744911	96.77	ng	-0.03
78) Terphenyl-d14	20.25	244	1279507	89.64	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.78	88	14896	18.512	ng	98
3) Pyridine	4.18	79	40683	17.724	ng	# 78
4) n-Nitrosodimethylamine	4.09	42	21614	20.700	ng	# 80
6) Aniline	7.61	93	100302	28.808	ng	96
8) 2-Chlorophenol	7.85	128	93776	42.335	ng	91
9) Benzaldehyde	7.43	77	48096	25.912	ng	98
10) Phenol	7.47	94	49716	15.746	ng	90
11) bis(2-Chloroethyl)ether	7.70	93	106558	47.008	ng	89
12) 1,3-Dichlorobenzene	8.18	146	106393	44.605	ng	93
13) 1,4-Dichlorobenzene	8.32	146	106912	43.590	ng	95
14) 1,2-Dichlorobenzene	8.65	146	108683	44.853	ng	97
15) Benzyl Alcohol	8.52	79	74214	31.777	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	8.81	45	183246	44.479	ng	95
17) 2-Methylphenol	8.72	107	72601	35.189	ng	93
18) Hexachloroethane	9.37	117	37964	42.232	ng	95
19) n-Nitroso-di-n-propylamine	9.09	70	95655	45.103	ng	# 84
20) 3+4-Methylphenols	9.05	107	88486	30.662	ng	95
22) Acetophenone	9.11	105	183185	44.373	ng	# 86
24) Nitrobenzene	9.51	77	147603	45.163	ng	94
25) Isophorone	10.02	82	270188	45.243	ng	98
26) 2-Nitrophenol	10.22	139	63804	45.871	ng	86
27) 2,4-Dimethylphenol	10.26	122	97727	38.437	ng	95
28) bis(2-Chloroethoxy)methane	10.49	93	150626	46.446	ng	98
29) 2,4-Dichlorophenol	10.76	162	114204	45.145	ng	93
30) 1,2,4-Trichlorobenzene	10.97	180	128577	44.554	ng	96
31) Naphthalene	11.16	128	338384	45.888	ng	98
32) Benzoic acid	10.39	122	8254	10.078	ng	92
33) 4-Chloroaniline	11.27	127	95467	30.904	ng	# 88
34) Hexachlorobutadiene	11.43	225	89675	42.188	ng	99
35) Caprolactam	12.06	113	6777	7.471	ng	# 76
36) 4-Chloro-3-methylphenol	12.37	107	130465	39.628	ng	93
37) 2-Methylnaphthalene	12.74	142	273319	49.645	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	180459	42.761	ng	97
40) Hexachlorocyclopentadiene	13.08	237	154182	92.710	ng	92

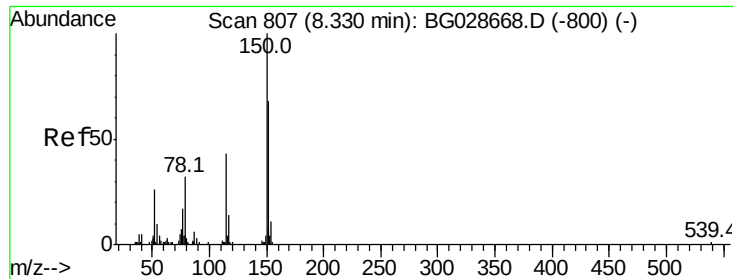
Data Path : Z:\HPCHEM1\BNA G\Data\BG092017\
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Quant Time: Sep 21 01:27:39 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.35	196	116988	43.677	ng	91
43) 2,4,5-Trichlorophenol	13.42	196	123749	45.978	ng	93
45) 1,1'-Biphenyl	13.74	154	376262	44.276	ng	96
46) 2-Chloronaphthalene	13.79	162	291192	46.979	ng	99
47) 2-Nitroaniline	13.99	65	111148	48.249	ng	94
48) Acenaphthylene	14.64	152	466292	47.087	ng	98
49) Dimethylphthalate	14.35	163	406634	47.245	ng	97
50) 2,6-Dinitrotoluene	14.48	165	95926	50.089	ng	# 82
51) Acenaphthene	14.98	154	287868	47.854	ng	96
52) 3-Nitroaniline	14.82	138	63347	37.404	ng	94
53) 2,4-Dinitrophenol	15.03	184	86195	84.874	ng	96
54) Dibenzofuran	15.30	168	493715	51.466	ng	94
55) 4-Nitrophenol	15.13	139	41381	33.350	ng	# 81
56) 2,4-Dinitrotoluene	15.28	165	140202	52.065	ng	# 86
57) Fluorene	15.96	166	417006	48.691	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.53	232	125370	52.852	ng	# 93
59) Diethylphthalate	15.70	149	424415	47.985	ng	97
60) 4-Chlorophenyl-phenylether	15.94	204	240436	49.303	ng	90
61) 4-Nitroaniline	15.99	138	84888	47.312	ng	# 78
62) Azobenzene	16.23	77	384243	51.654	ng	90
64) 4,6-Dinitro-2-methylphenol	16.05	198	79372	46.640	ng	97
65) n-Nitrosodiphenylamine	16.16	169	366590	48.487	ng	98
66) 4-Bromophenyl-phenylether	16.83	248	167677	49.410	ng	97
67) Hexachlorobenzene	16.97	284	181813	47.072	ng	# 86
68) Atrazine	17.10	200	157158	48.412	ng	99
69) Pentachlorophenol	17.31	266	156300	89.564	ng	93
70) Phenanthrene	17.70	178	687604	50.982	ng	95
71) Anthracene	17.80	178	695805	51.071	ng	97
72) Carbazole	18.07	167	607215	49.486	ng	# 93
73) Di-n-butylphthalate	18.59	149	725383	48.213	ng	# 94
74) Fluoranthene	19.71	202	841855	51.121	ng	92
76) Benzidine	19.88	184	258035	32.689	ng	97
77) Pyrene	20.07	202	873165	49.732	ng	96
79) Butylbenzylphthalate	20.93	149	333148	46.983	ng	91
80) Benzo(a)anthracene	21.97	228	908813	49.601	ng	94
81) 3,3'-Dichlorobenzidine	21.87	252	288721	38.866	ng	96
82) Chrysene	22.04	228	856973	49.294	ng	96
83) Bis(2-ethylhexyl)phthalate	21.82	149	463939	46.022	ng	100
84) Di-n-octyl phthalate	23.11	149	811740	46.088	ng	# 87
85) Indeno(1,2,3-cd)pyrene	29.46	276	1081539	48.419	ng	99
87) Benzo(b)fluoranthene	24.35	252	926670	50.581	ng	99
88) Benzo(k)fluoranthene	24.42	252	908748	49.659	ng	96
89) Benzo(a)pyrene	25.29	252	885760	50.936	ng	96
90) Dibenzo(a,h)anthracene	29.50	278	895217	49.378	ng	97
91) Benzo(g,h,i)perylene	30.70	276	875416	49.487	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 800

Delta R.T. -0.04 min

Lab File: BG028840.D

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Instrument :

BNA_G

ClientSampleId :

MW-2-EWMSD

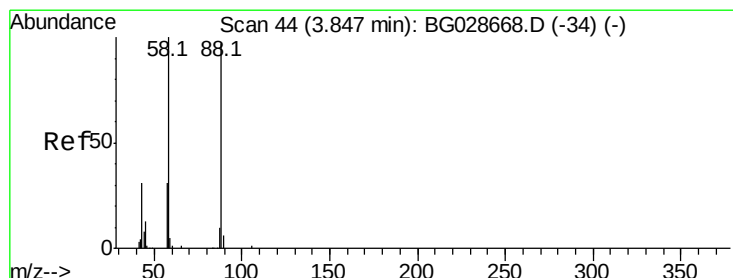
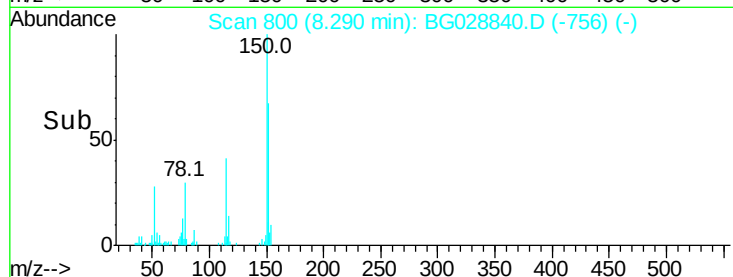
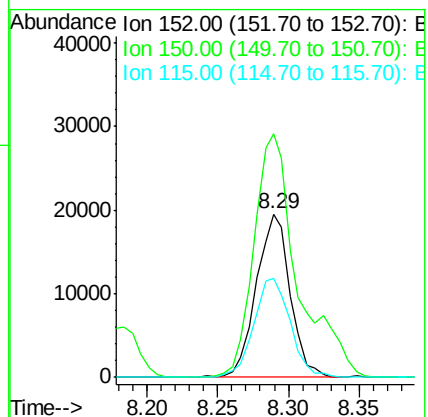
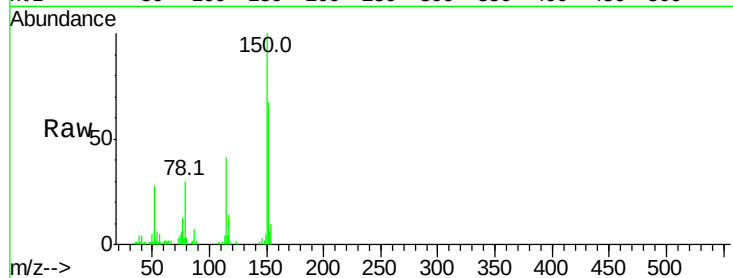
Tot Ion:152 Resp: 32787

Ion Ratio Lower Upper

152 100

150 148.8 114.0 171.0

115 60.8 48.1 72.1



#2

1,4-Dioxane

Concen: 18.512 ng

RT: 3.78 min Scan# 33

Delta R.T. -0.06 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

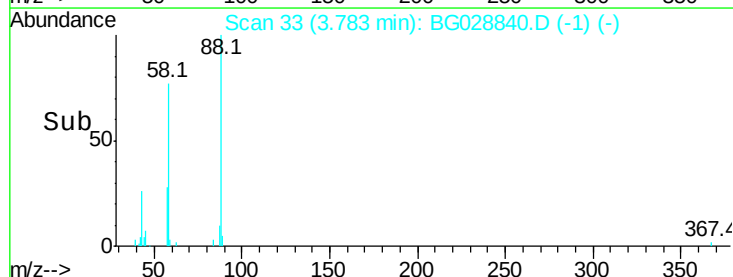
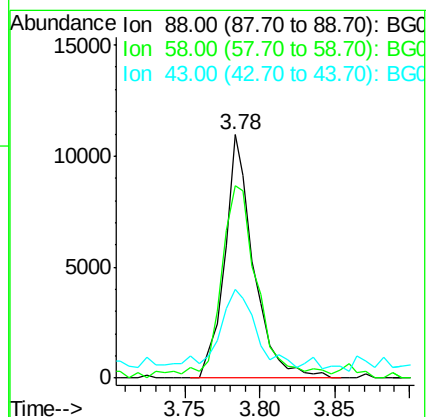
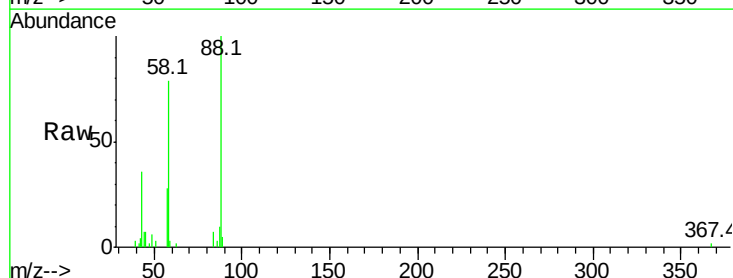
Tgt Ion: 88 Resp: 14896

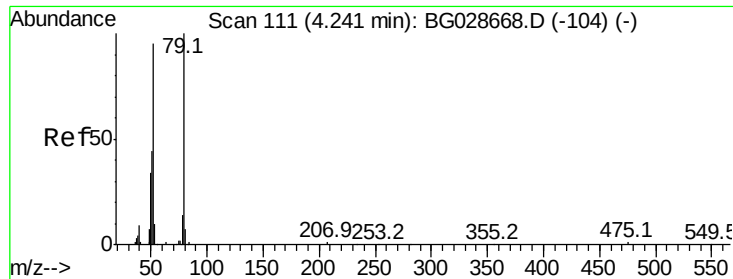
Ion Ratio Lower Upper

88 100

58 101.2 79.4 119.2

43 40.4 33.8 50.6





#3

Pvridine

Concen: 17.724 ng

RT: 4.18 min Scan# 100

Delta R.T. -0.06 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

Instrument :

BNA_G

ClientSampleId :

MW-2-EWMSD

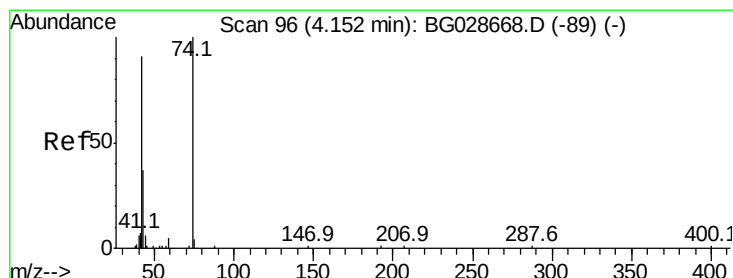
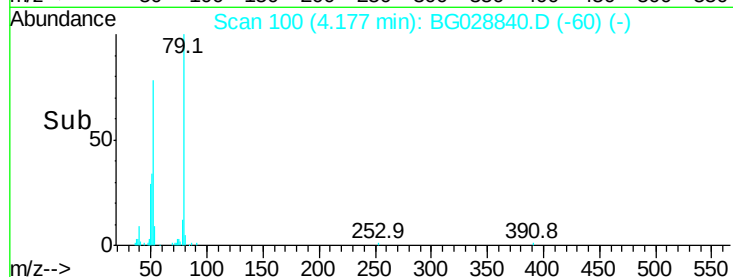
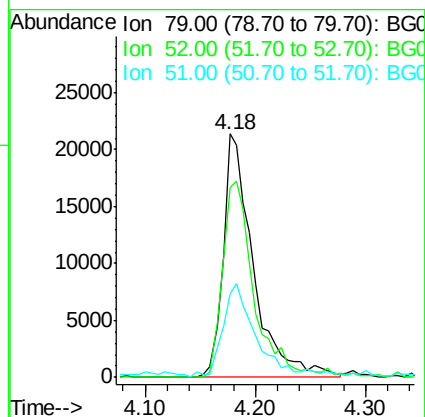
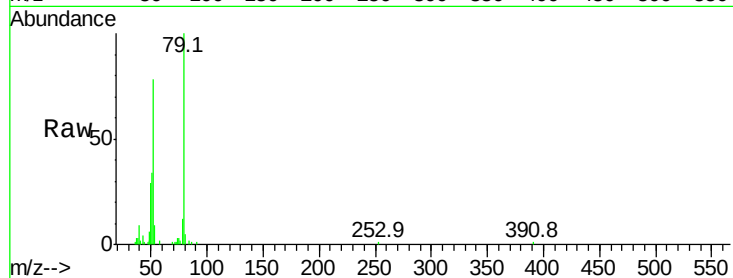
Tot Ion: 79 Resp: 40683

Ion Ratio Lower Upper

79 100

52 77.9 77.8 116.6

51 34.4 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 20.700 ng

RT: 4.09 min Scan# 86

Delta R.T. -0.06 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

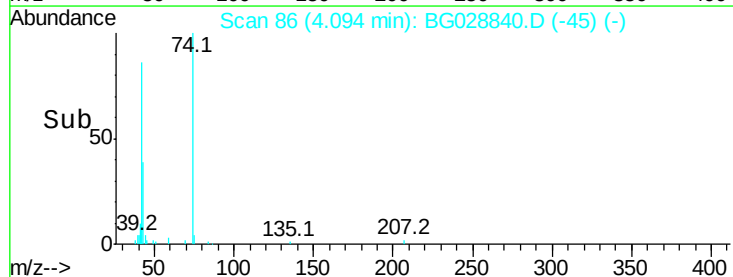
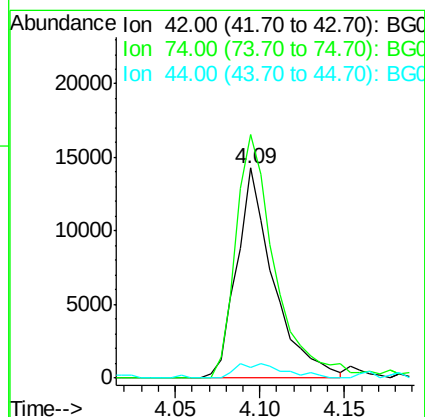
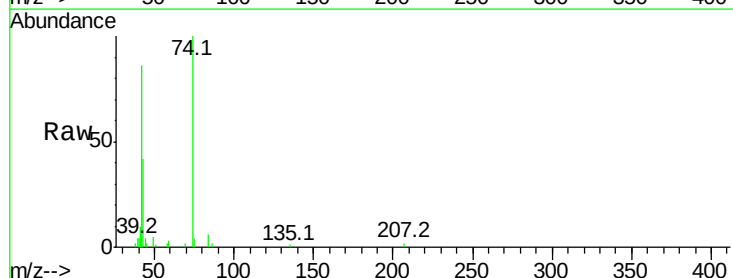
Tgt Ion: 42 Resp: 21614

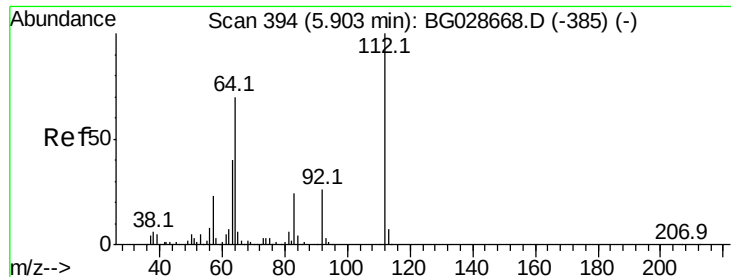
Ion Ratio Lower Upper

42 100

74 116.1 76.7 115.1#

44 4.8 6.1 9.1#





#5

2-Fluorophenol

Concen: 75.958 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.05 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

Instrument :

BNA_G

ClientSampleId :

MW-2-EWMSD

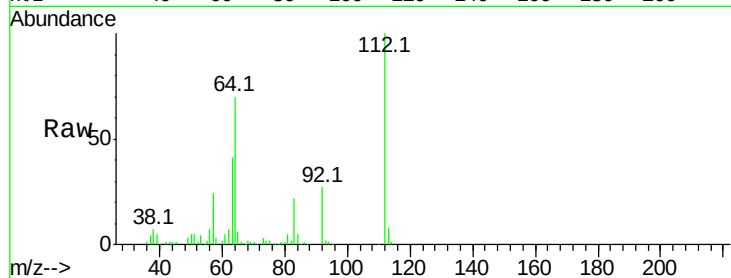
Tot Ion:112 Resp: 150930

Ion Ratio Lower Upper

112 100

64 70.2 61.8 92.6

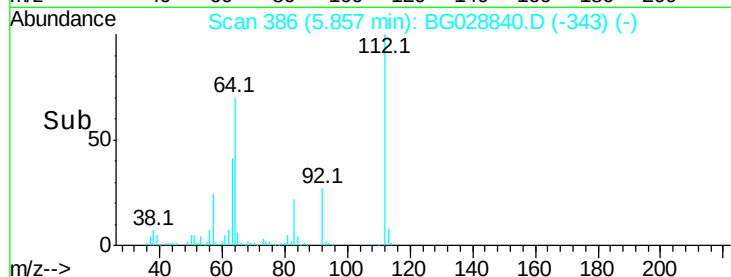
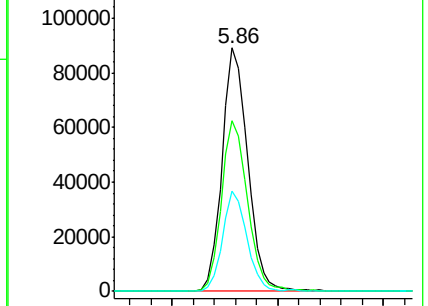
63 41.3 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.808 ng

RT: 7.61 min Scan# 685

Delta R.T. -0.04 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

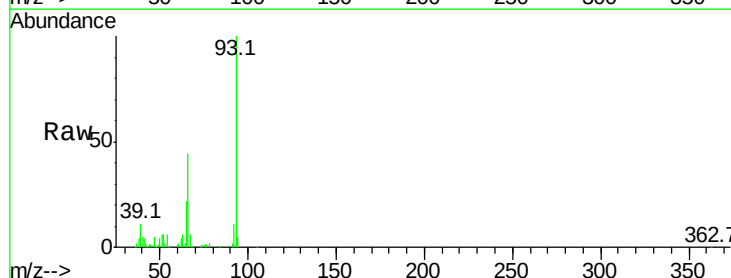
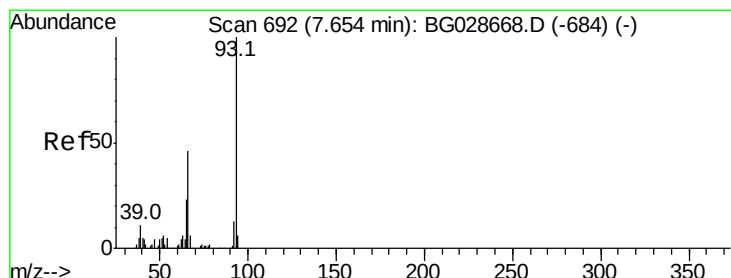
Tgt Ion: 93 Resp: 100302

Ion Ratio Lower Upper

93 100

66 43.8 35.4 53.2

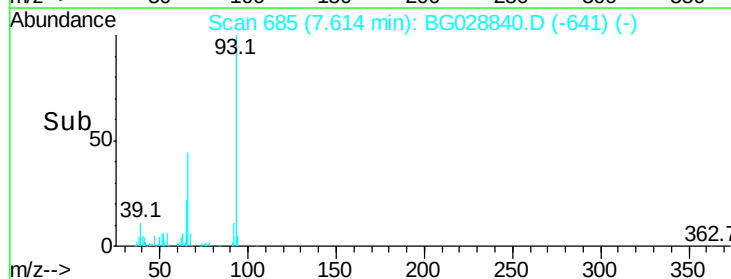
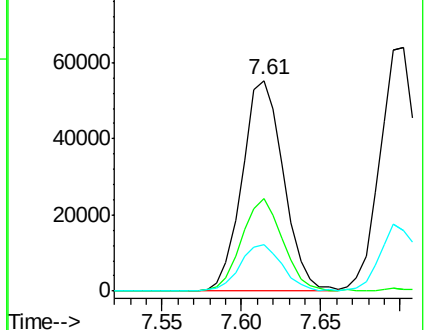
65 22.4 21.2 31.8

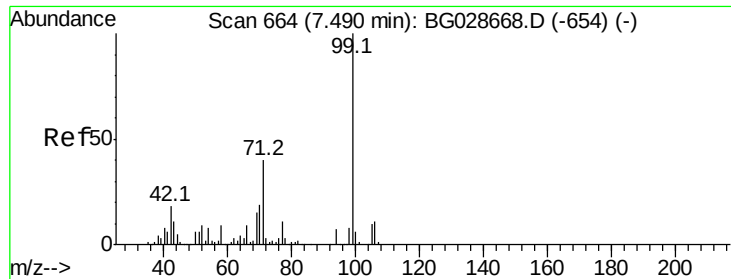


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 45.215 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

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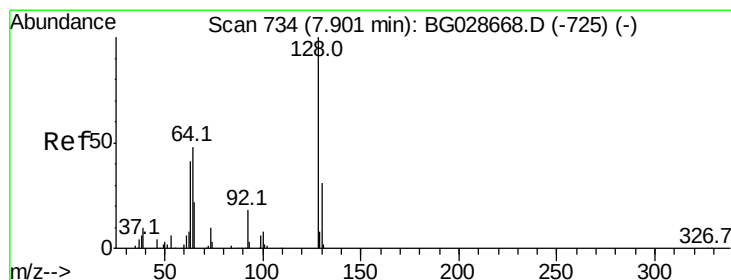
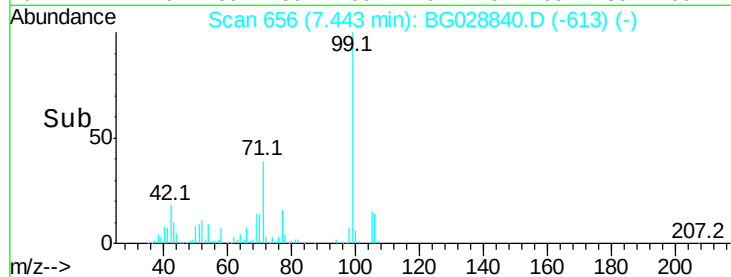
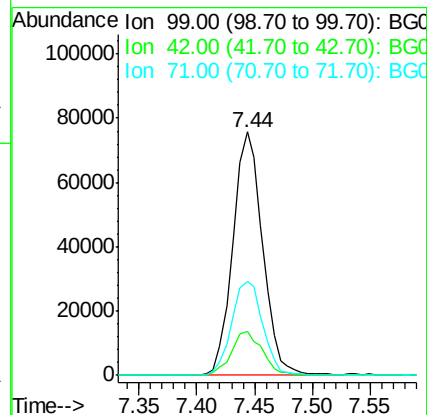
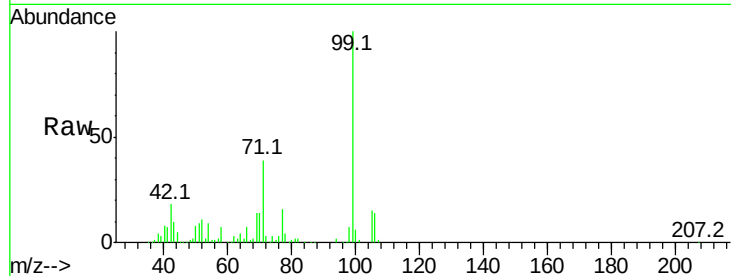
Tot Ion: 99 Resp: 135272

Ion Ratio Lower Upper

99 100

42 17.8 20.5 30.7#

71 38.8 37.6 56.4



#8

2-Chlorophenol

Concen: 42.335 ng

RT: 7.85 min Scan# 726

Delta R.T. -0.05 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

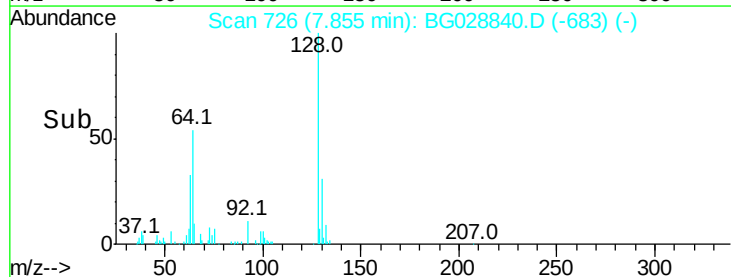
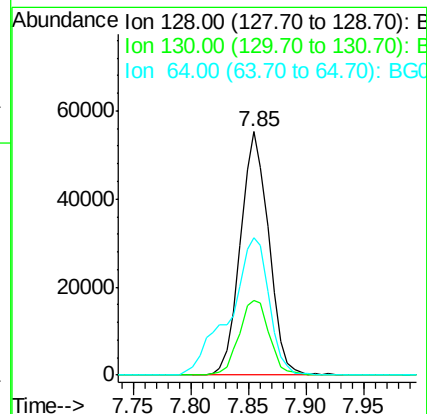
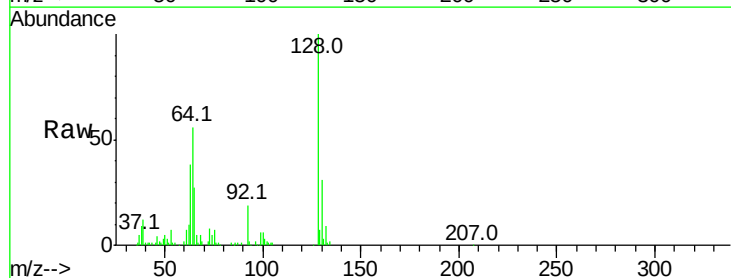
Tgt Ion: 128 Resp: 93776

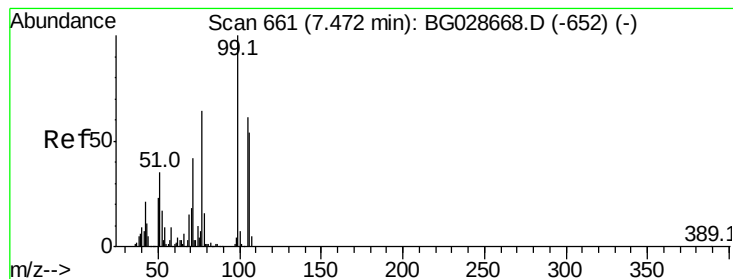
Ion Ratio Lower Upper

128 100

130 30.7 11.4 51.4

64 56.4 46.6 86.6





#9

Benzaldehyde

Concen: 25.912 ng

RT: 7.43 min Scan# 653

Delta R.T. -0.05 min

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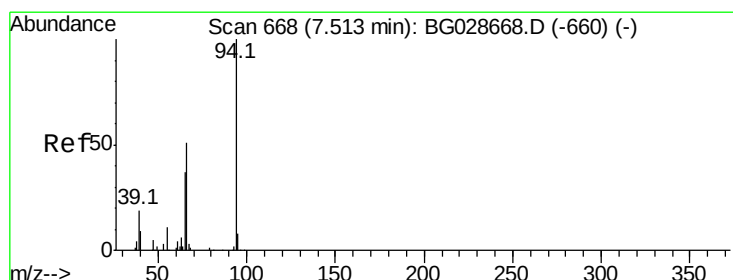
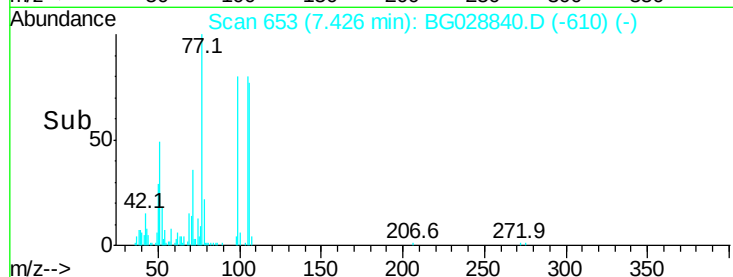
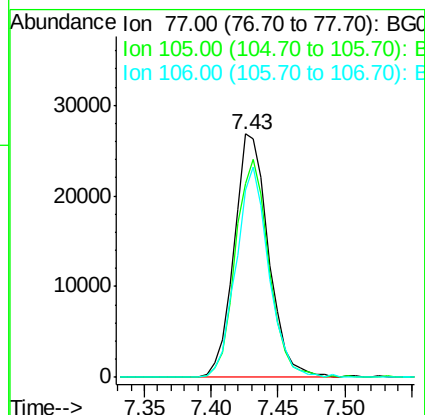
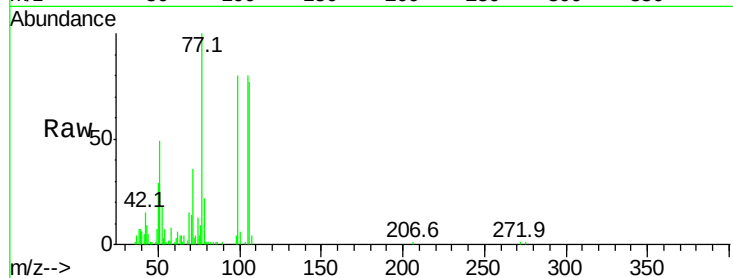
Tot Ion: 77 Resp: 48096

Ion Ratio Lower Upper

77 100

105 79.8 60.9 100.9

106 77.1 55.1 95.1



#10

Phenol

Concen: 15.746 ng

RT: 7.47 min Scan# 661

Delta R.T. -0.04 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

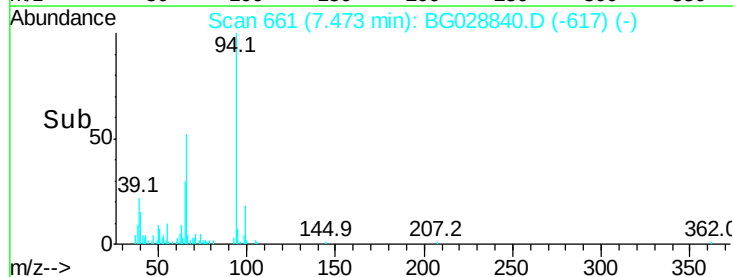
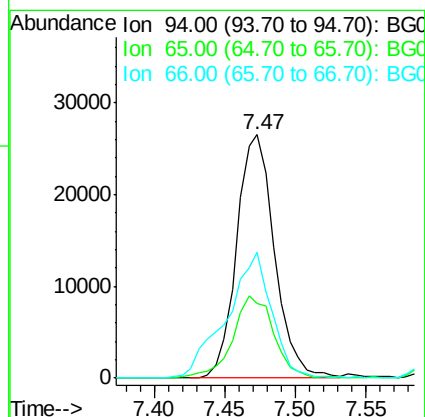
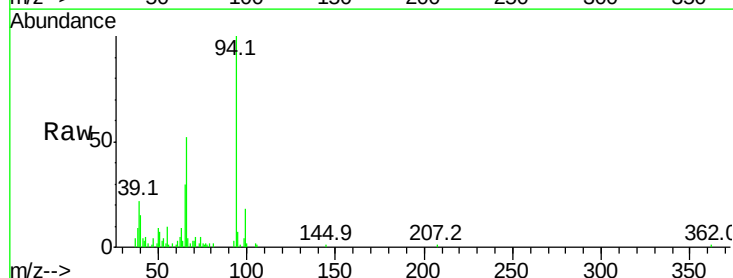
Tgt Ion: 94 Resp: 49716

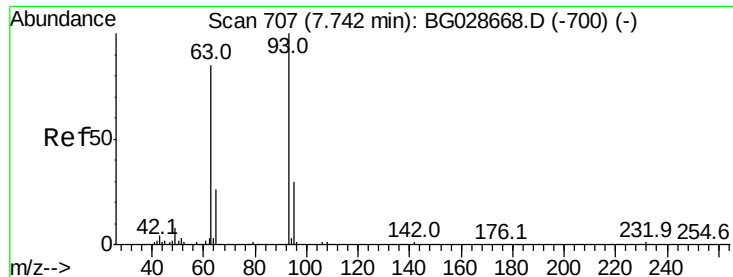
Ion Ratio Lower Upper

94 100

65 30.5 20.6 60.6

66 51.6 35.5 75.5

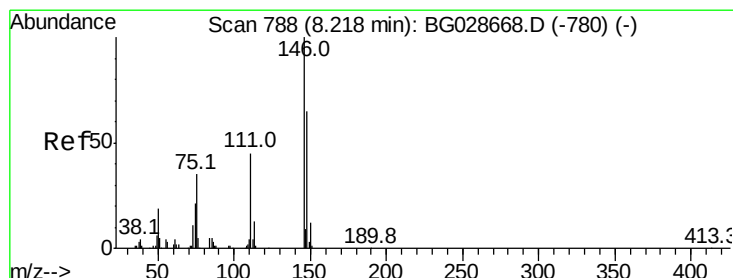
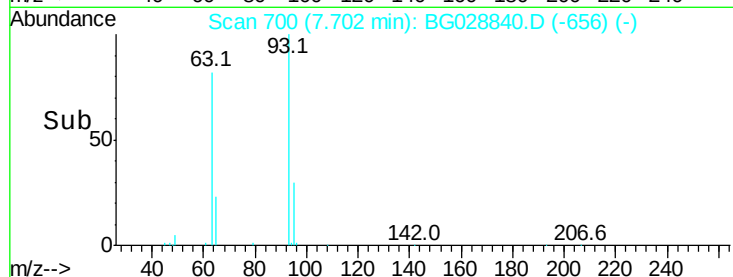
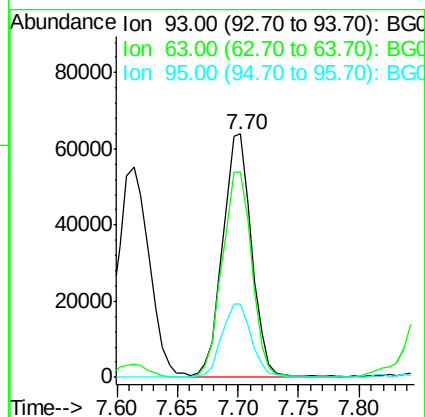
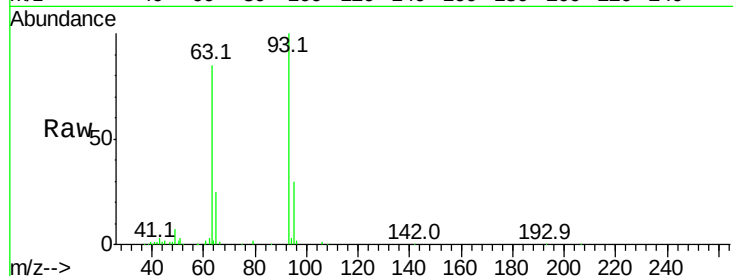




#11
 bis(2-Chloroethyl)ether
 Concen: 47.008 ng
 RT: 7.70 min Scan# 700
 Delta R.T. -0.04 min
 Lab File: BG028840.D
 Acq: 20 Sep 2017 20:32

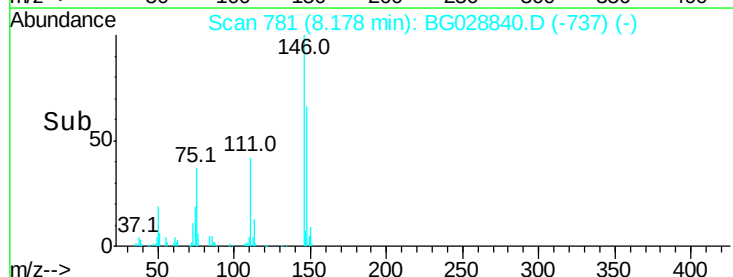
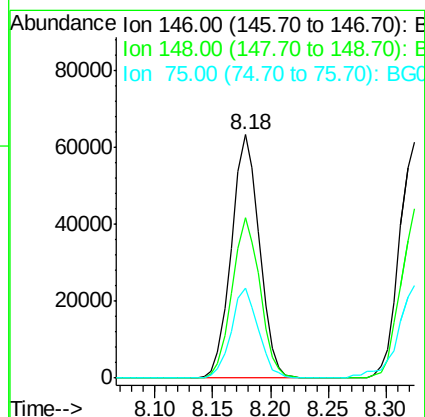
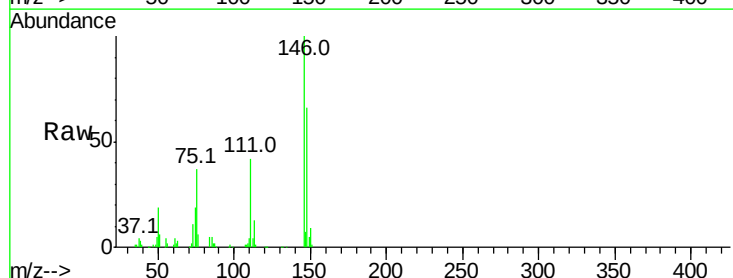
Instrument :
 BNA_G
 ClientSampleId :
 MW-2-EWMSD

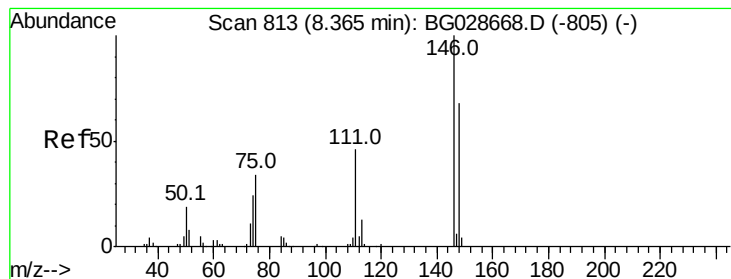
Tot Ion: 93 Resp: 106558
 Ion Ratio Lower Upper
 93 100
 63 84.5 78.5 118.5
 95 30.0 9.8 49.8



#12
 1,3-Dichlorobenzene
 Concen: 44.605 ng
 RT: 8.18 min Scan# 781
 Delta R.T. -0.04 min
 Lab File: BG028840.D
 Acq: 20 Sep 2017 20:32

Tgt Ion: 146 Resp: 106393
 Ion Ratio Lower Upper
 146 100
 148 66.1 49.2 73.8
 75 37.0 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 43.590 ng

RT: 8.32 min Scan# 806

Delta R.T. -0.04 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

Instrument :

BNA_G

ClientSampleId :

MW-2-EWMSD

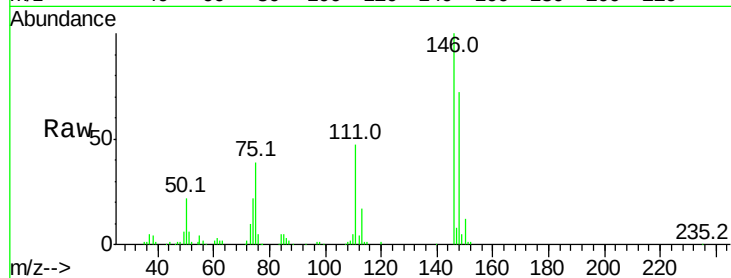
Tot Ion:146 Resp: 106912

Ion Ratio Lower Upper

146 100

148 71.9 52.2 78.2

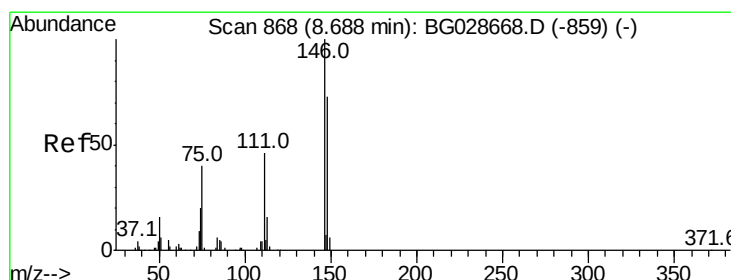
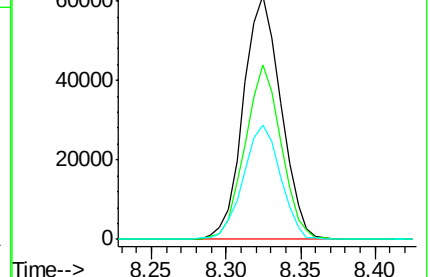
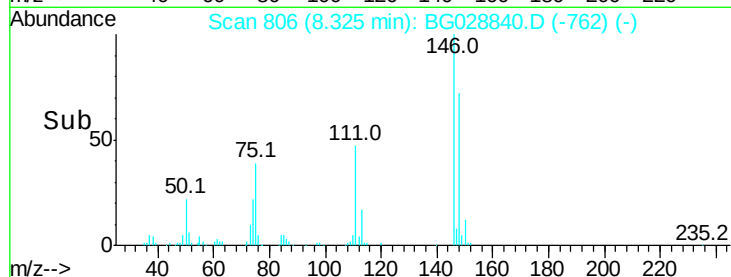
111 47.1 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.853 ng

RT: 8.65 min Scan# 861

Delta R.T. -0.04 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

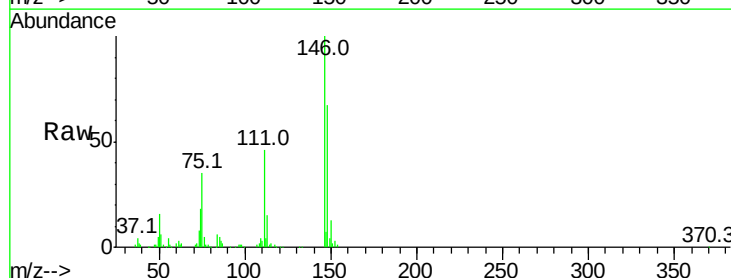
Tgt Ion:146 Resp: 108683

Ion Ratio Lower Upper

146 100

148 67.3 54.6 81.8

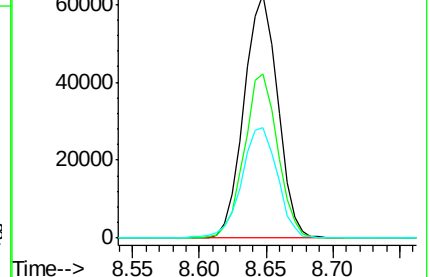
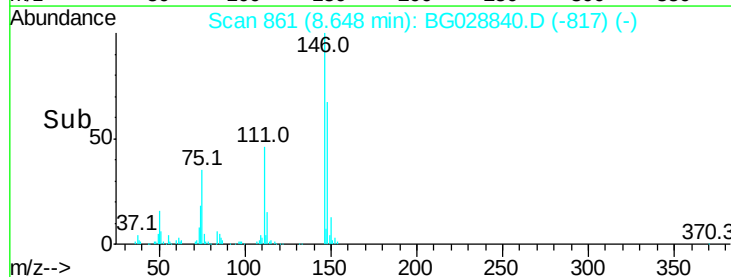
111 45.6 39.7 59.5

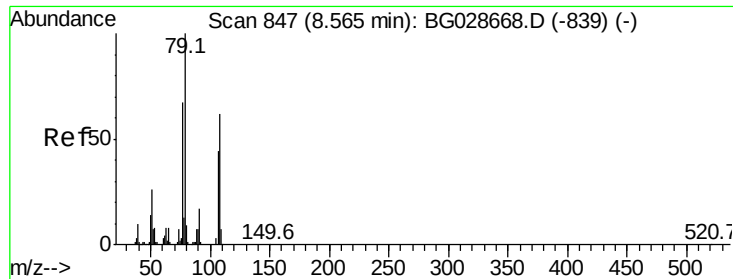


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 31.777 ng

RT: 8.52 min Scan# 840

Delta R.T. -0.04 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

Instrument :

BNA_G

ClientSampleId :

MW-2-EWMSD

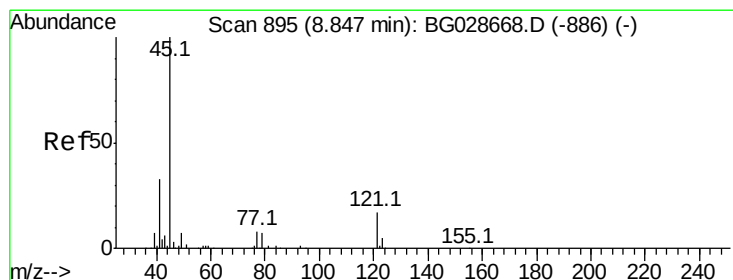
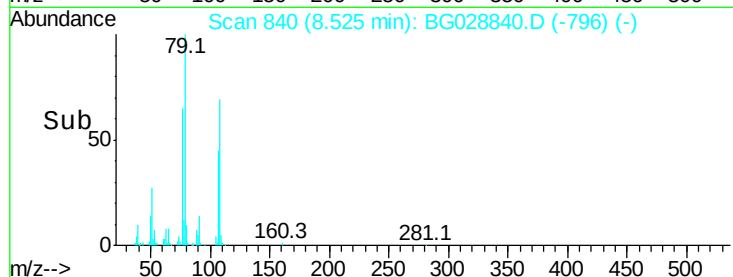
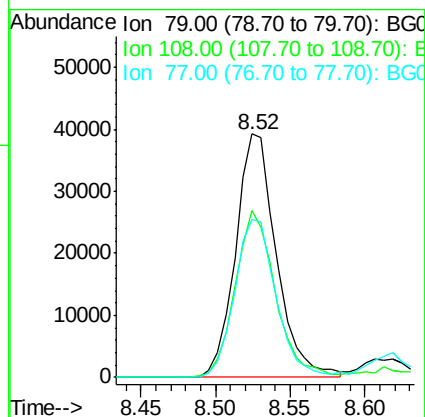
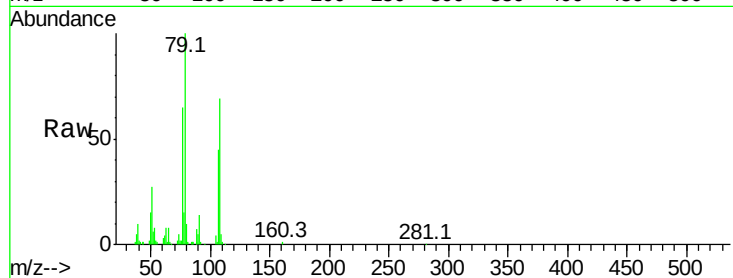
Tot Ion: 79 Resp: 74214

Ion Ratio Lower Upper

79 100

108 68.5 45.5 68.3#

77 64.7 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.479 ng

RT: 8.81 min Scan# 888

Delta R.T. -0.04 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

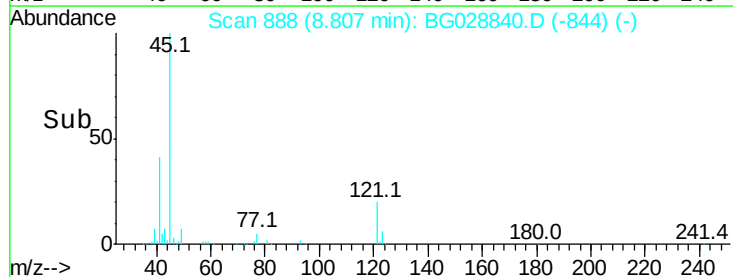
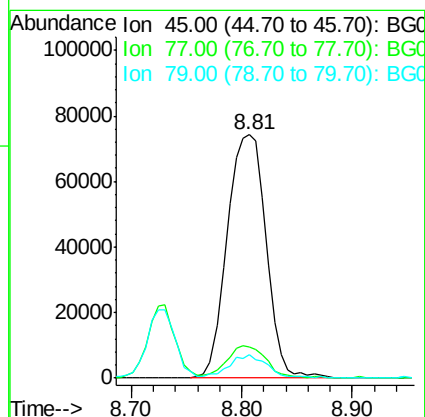
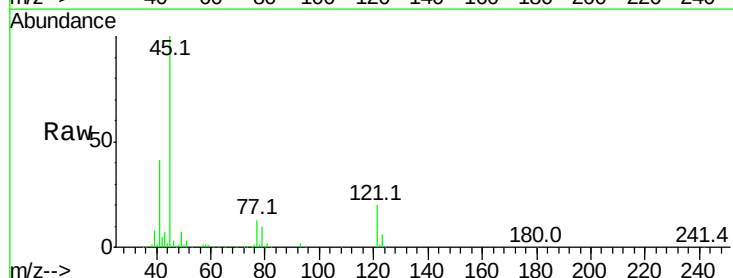
Tgt Ion: 45 Resp: 183246

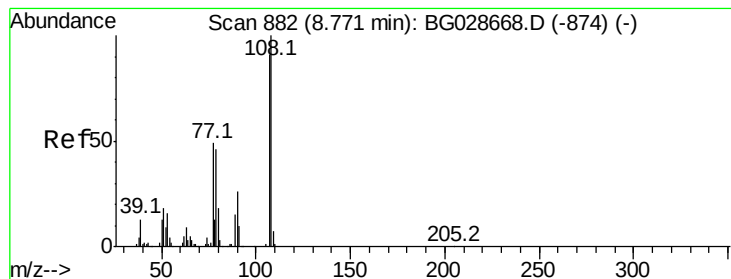
Ion Ratio Lower Upper

45 100

77 12.9 0.0 30.6

79 9.5 0.0 28.5





#17

2-Methylphenol

Concen: 35.189 ng

RT: 8.72 min Scan# 874

Delta R.T. -0.05 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

Instrument :

BNA_G

ClientSampleId :

MW-2-EWMSD

Tot Ion:107 Resp: 72601

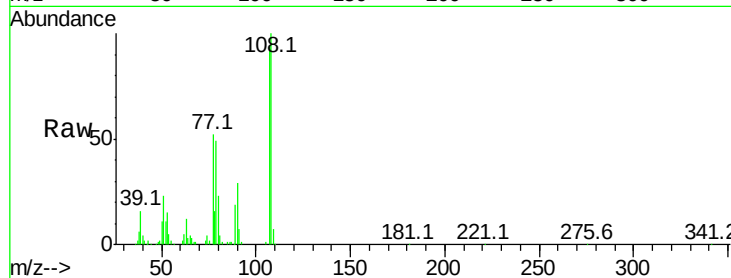
Ion Ratio Lower Upper

107 100

108 105.9 85.6 128.4

77 54.6 51.4 77.2

79 51.7 49.2 73.8

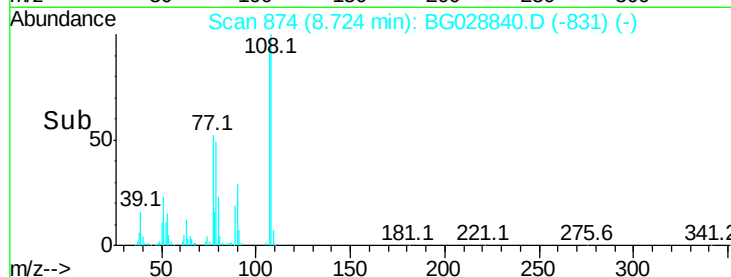


Abundance Ion 107.00 (106.70 to 107.70): E

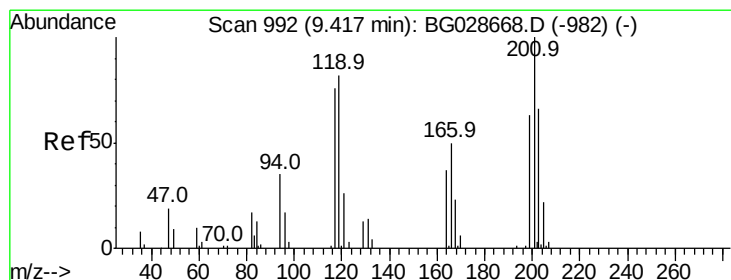
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 42.232 ng

RT: 9.37 min Scan# 984

Delta R.T. -0.05 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

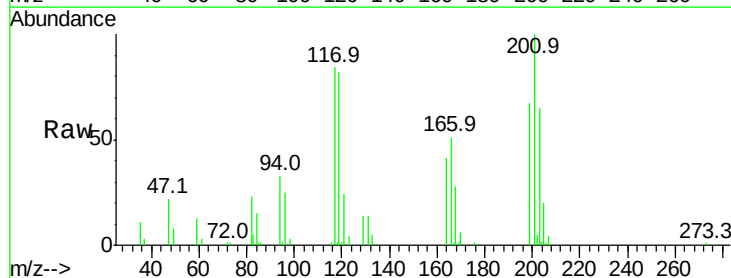
Tgt Ion:117 Resp: 37964

Ion Ratio Lower Upper

117 100

119 97.8 69.8 104.6

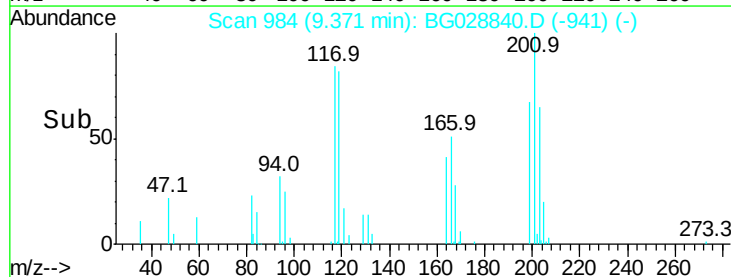
201 119.5 95.4 143.0



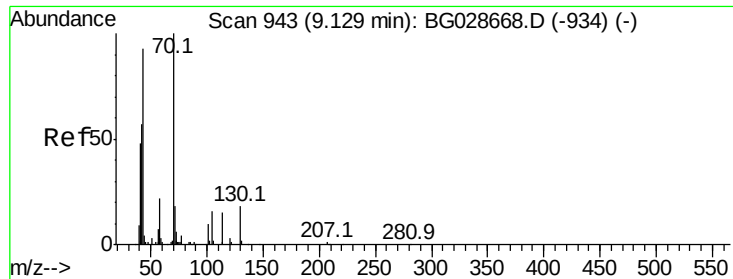
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 45.103 ng

RT: 9.09 min Scan# 936

Delta R.T. -0.04 min

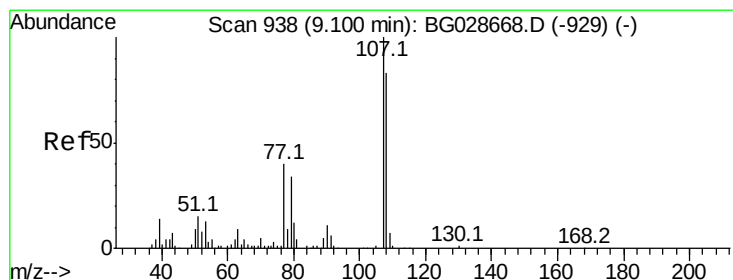
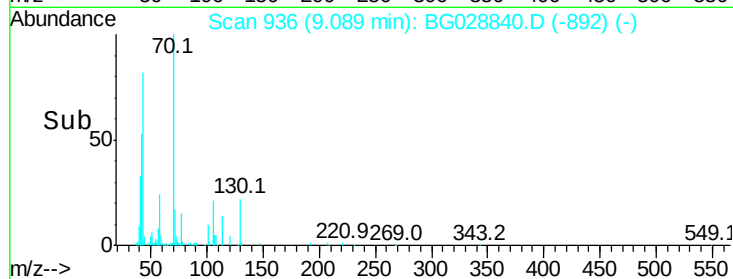
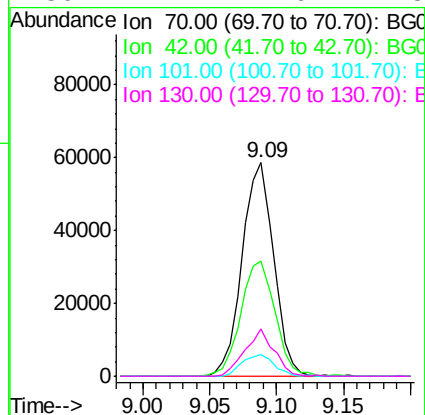
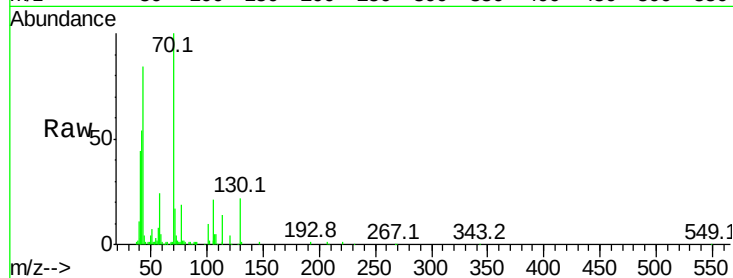
Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

Instrument :
BNA_G
ClientSampleId :
MW-2-EWMSD

Tot Ion: 70 Resp: 95655

Ion	Ratio	Lower	Upper
70	100		
42	54.2	56.1	84.1#
101	10.4	7.5	11.3
130	22.2	14.6	21.8#



#20

3+4-Methylphenols

Concen: 30.662 ng

RT: 9.05 min Scan# 930

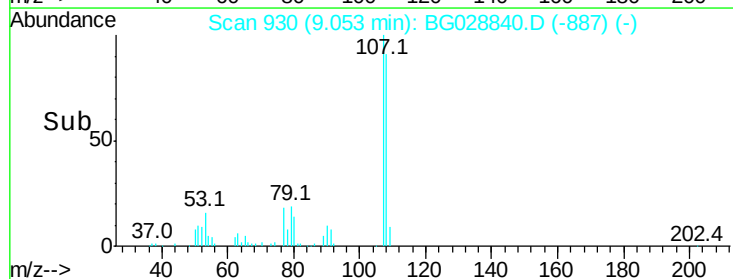
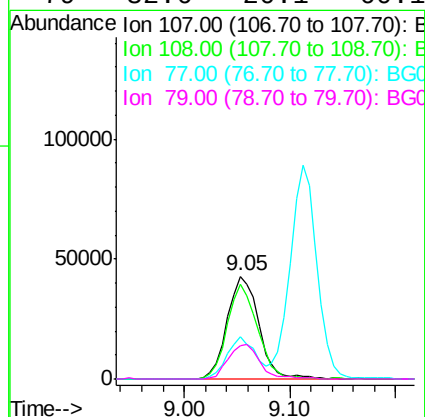
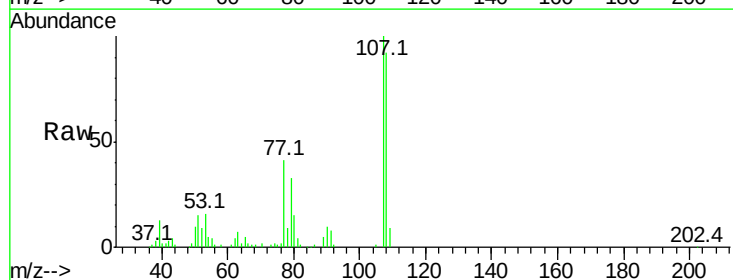
Delta R.T. -0.05 min

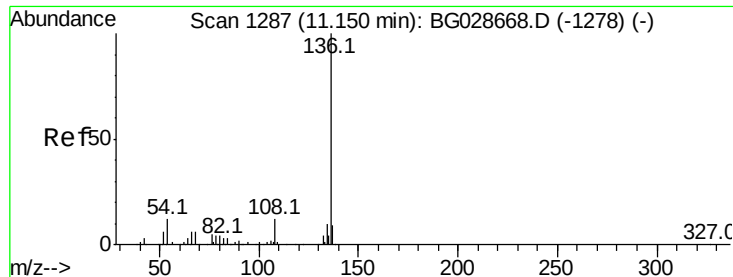
Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

Tgt Ion: 107 Resp: 88486

Ion	Ratio	Lower	Upper
107	100		
108	91.6	70.8	110.8
77	40.5	25.8	65.8
79	32.6	20.1	60.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

Instrument :

BNA_G

ClientSampleId :

MW-2-EWMSD

Tot Ion:136 Resp: 141189

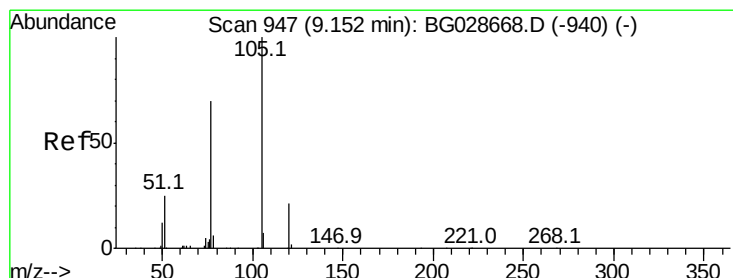
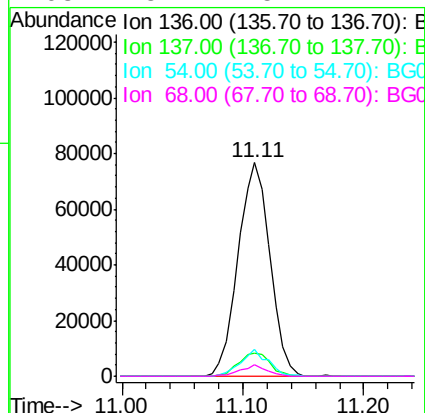
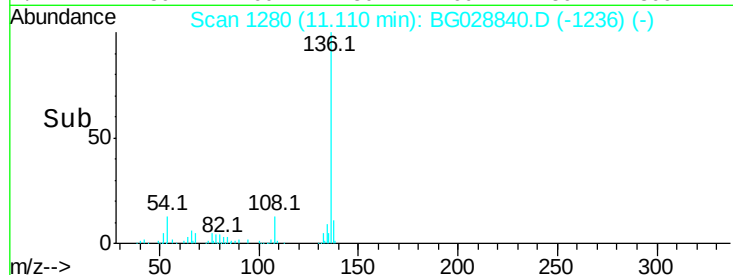
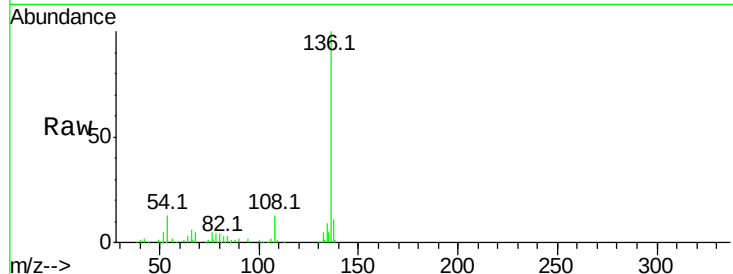
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 12.6 9.3 13.9

68 5.1 5.1 7.7#



#22

Acetophenone

Concen: 44.373 ng

RT: 9.11 min Scan# 940

Delta R.T. -0.04 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

Tgt Ion:105 Resp: 183185

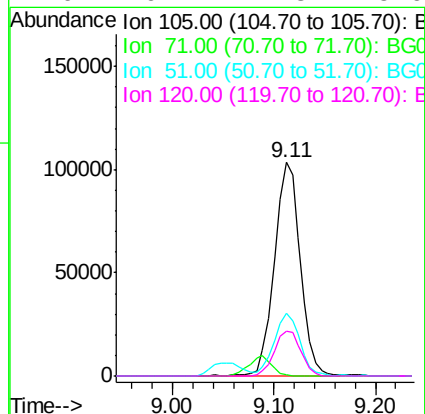
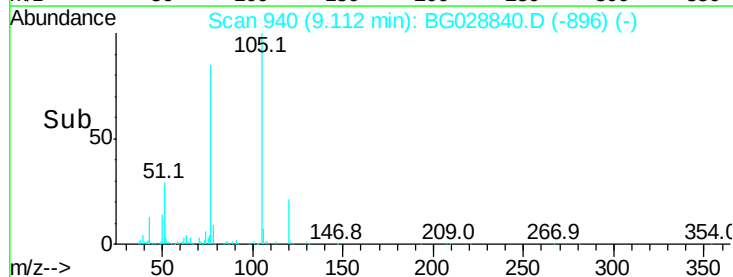
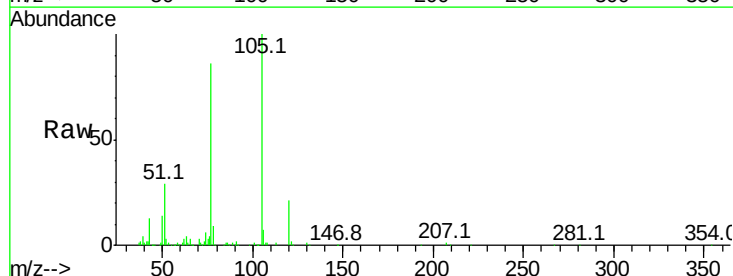
Ion Ratio Lower Upper

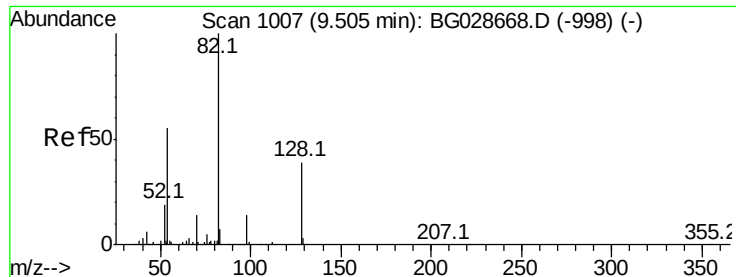
105 100

71 0.5 0.9 1.3#

51 29.5 34.0 51.0#

120 20.7 17.3 25.9

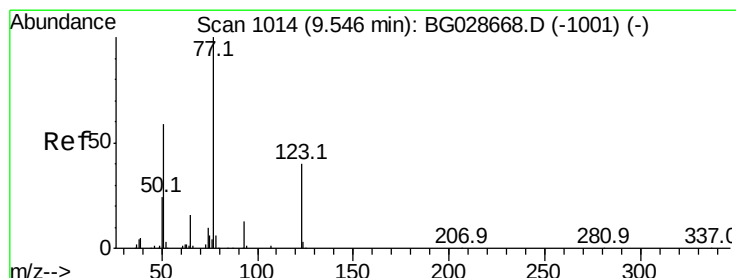
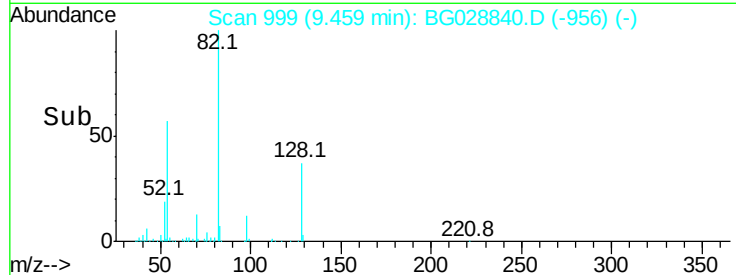
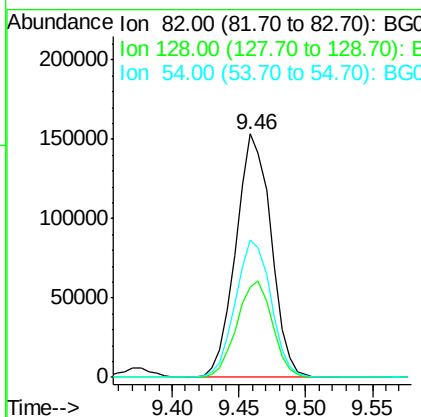
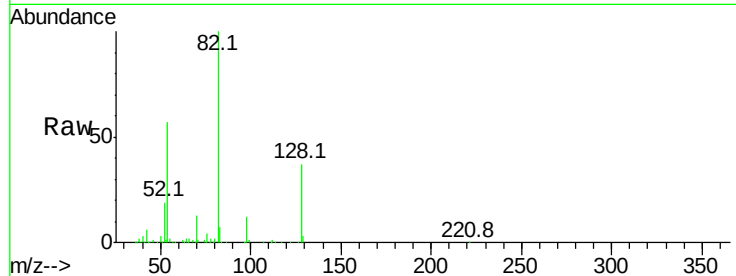




#23
 Nitrobenzene-d5
 Concen: 95.170 ng
 RT: 9.46 min Scan# 999
 Delta R.T. -0.05 min
 Lab File: BG028840.D
 Acq: 20 Sep 2017 20:32

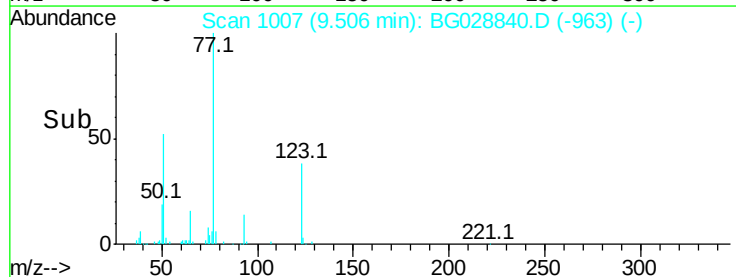
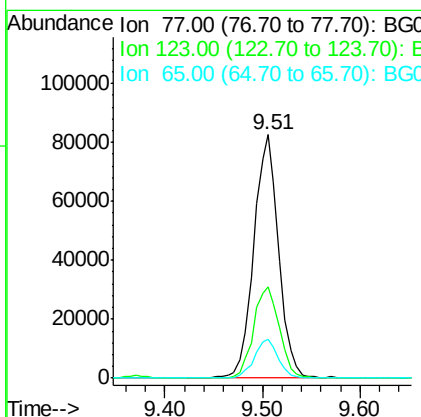
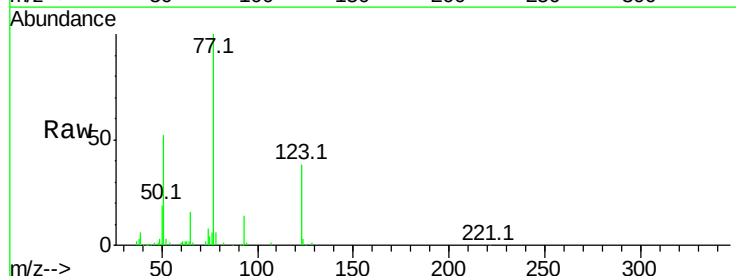
Instrument :
 BNA_G
 ClientSampleId :
 MW-2-EWMSD

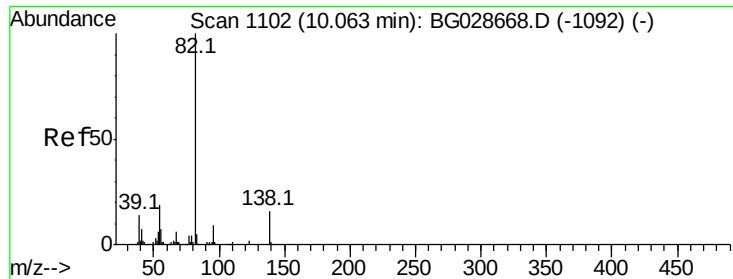
Tot Ion	82	Resp	280888
Ion Ratio	Lower	Upper	
82	100		
128	37.0	26.4	39.6
54	56.7	49.4	74.2



#24
 Nitrobenzene
 Concen: 45.163 ng
 RT: 9.51 min Scan# 1007
 Delta R.T. -0.04 min
 Lab File: BG028840.D
 Acq: 20 Sep 2017 20:32

Tgt Ion	77	Resp	147603
Ion Ratio	Lower	Upper	
77	100		
123	37.5	26.1	39.1
65	16.0	12.4	18.6





#25

Isophorone

Concen: 45.243 ng

RT: 10.02 min Scan# 1094

Delta R.T. -0.05 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

Instrument :

BNA_G

ClientSampleId :

MW-2-EWMSD

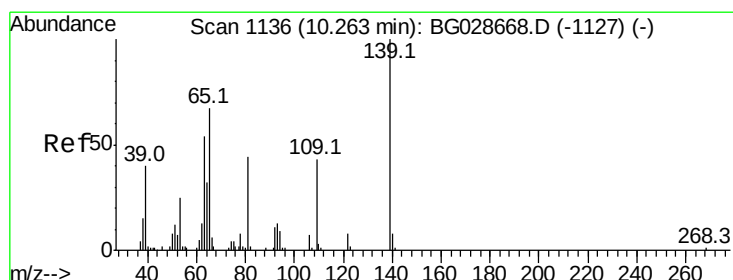
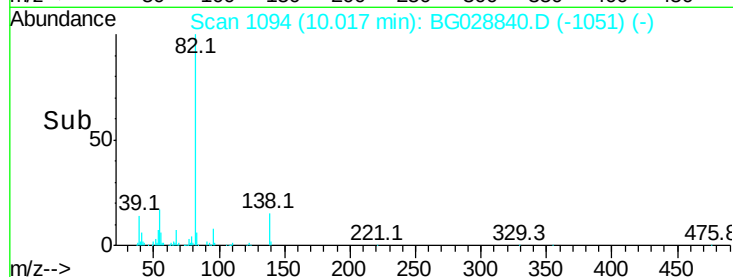
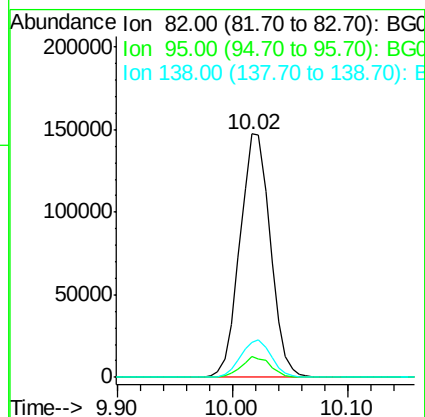
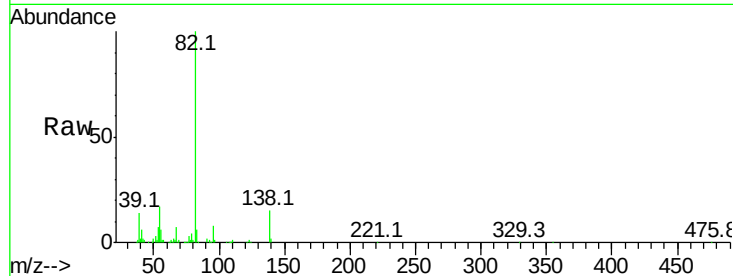
Tot Ion: 82 Resp: 270188

Ion Ratio Lower Upper

82 100

95 8.5 7.5 11.3

138 14.5 12.3 18.5



#26

2-Nitrophenol

Concen: 45.871 ng

RT: 10.22 min Scan# 1128

Delta R.T. -0.05 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

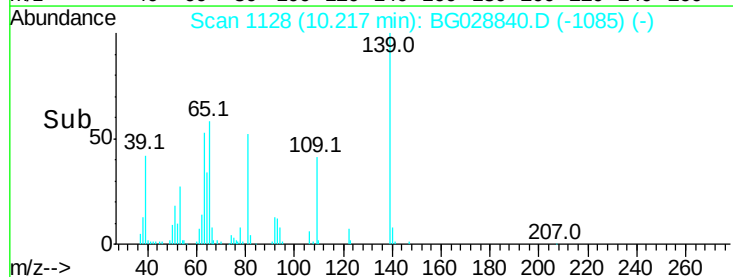
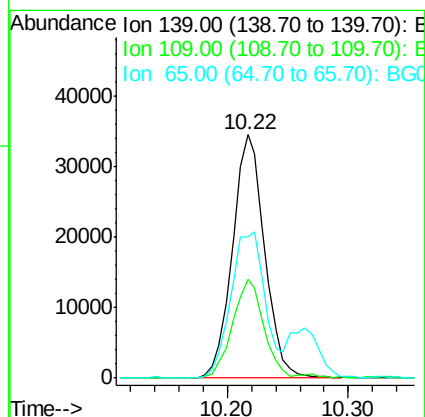
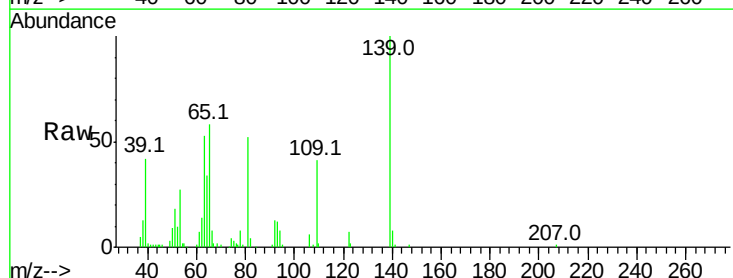
Tgt Ion: 139 Resp: 63804

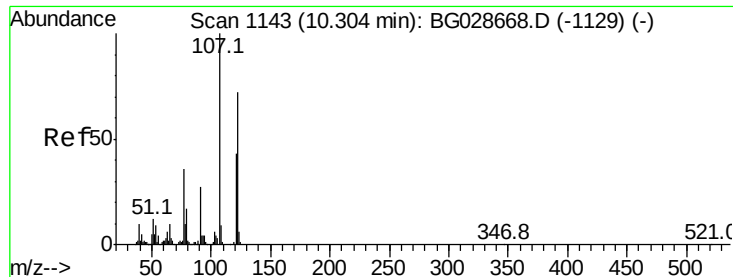
Ion Ratio Lower Upper

139 100

109 40.9 38.6 58.0

65 58.2 57.1 85.7

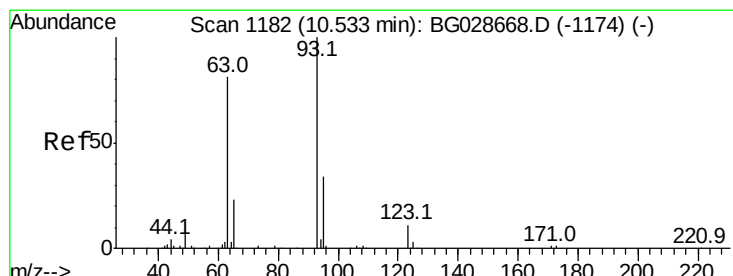
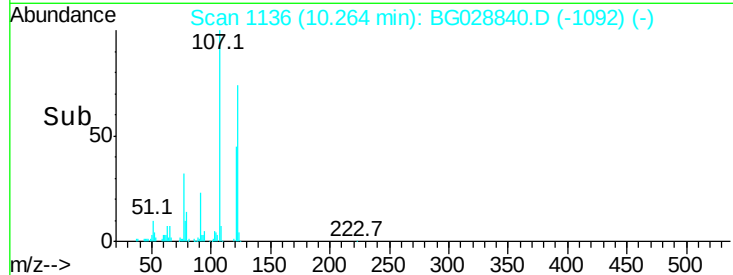
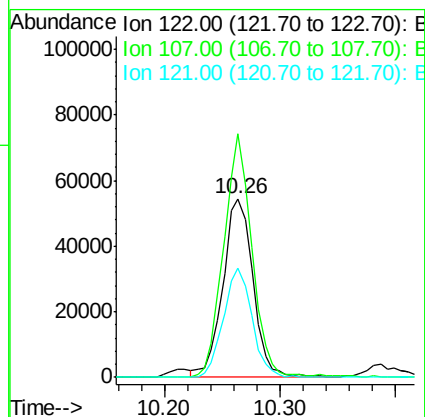
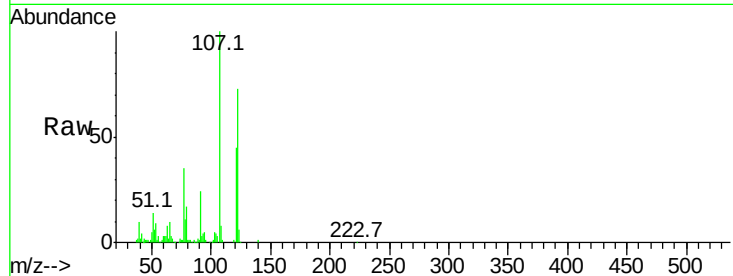




#27
2,4-Dimethylphenol
Concen: 38.437 ng
RT: 10.26 min Scan# 1136
Delta R.T. -0.04 min
Lab File: BG028840.D
Acq: 20 Sep 2017 20:32

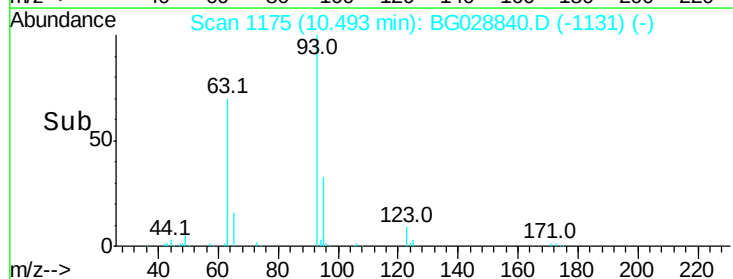
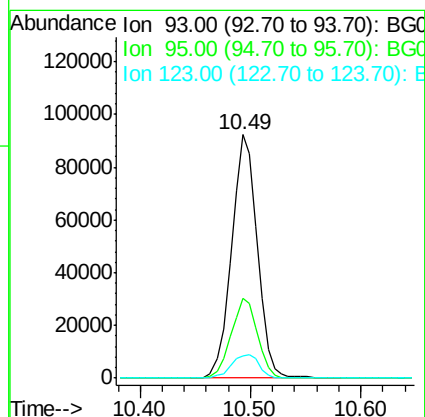
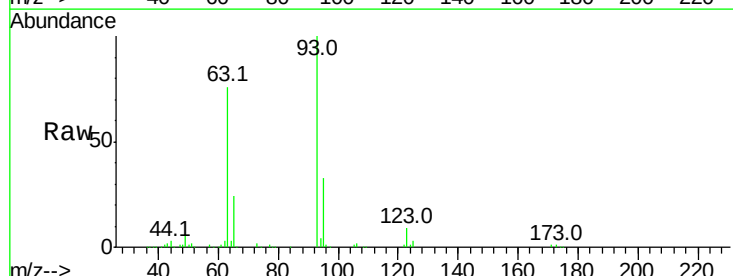
Instrument :
BNA_G
ClientSampleId :
MW-2-EWMSD

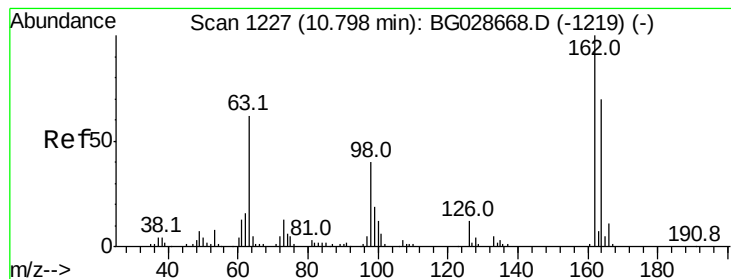
Tot Ion:122 Resp: 97727
Ion Ratio Lower Upper
122 100
107 136.2 104.2 156.4
121 61.0 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 46.446 ng
RT: 10.49 min Scan# 1175
Delta R.T. -0.04 min
Lab File: BG028840.D
Acq: 20 Sep 2017 20:32

Tgt Ion: 93 Resp: 150626
Ion Ratio Lower Upper
93 100
95 33.0 25.7 38.5
123 9.3 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 45.145 ng

RT: 10.76 min Scan# 1220

Delta R.T. -0.04 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

Instrument :

BNA_G

ClientSampleId :

MW-2-EWMSD

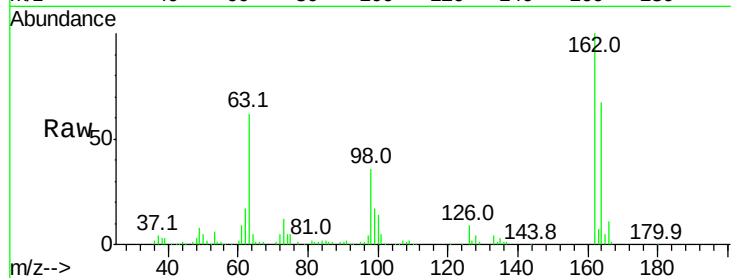
Tot Ion:162 Resp: 114204

Ion Ratio Lower Upper

162 100

164 67.4 42.4 82.4

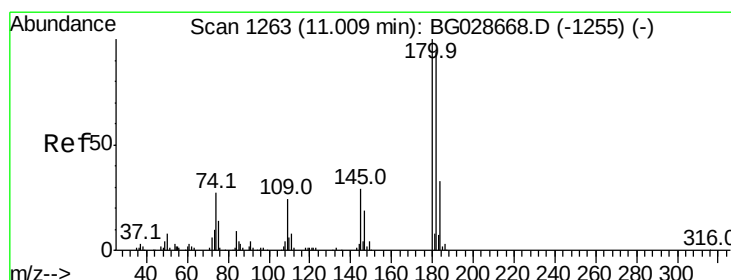
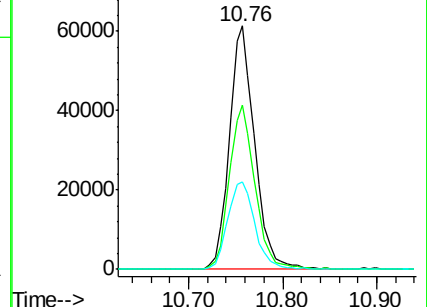
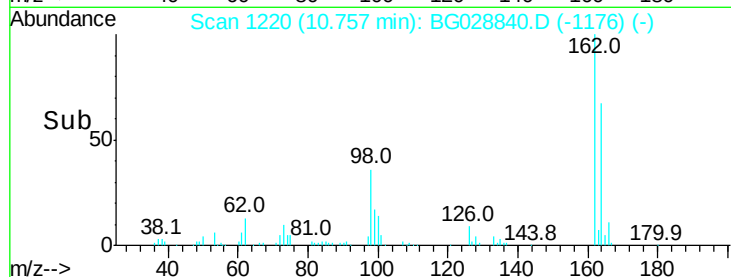
98 35.8 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 44.554 ng

RT: 10.97 min Scan# 1256

Delta R.T. -0.04 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

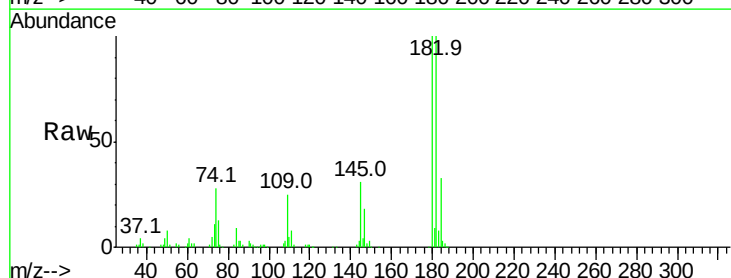
Tgt Ion:180 Resp: 128577

Ion Ratio Lower Upper

180 100

182 100.3 77.0 115.4

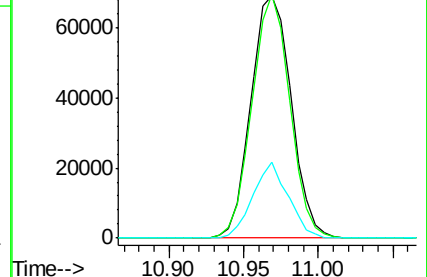
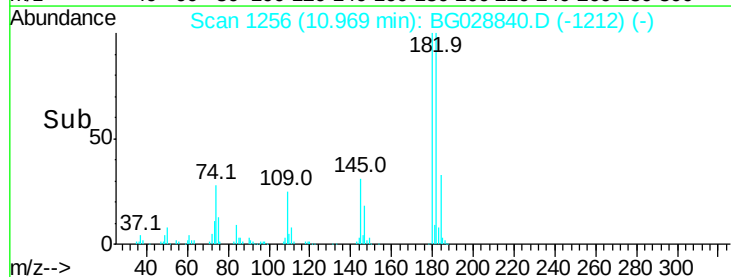
145 31.3 23.4 35.0

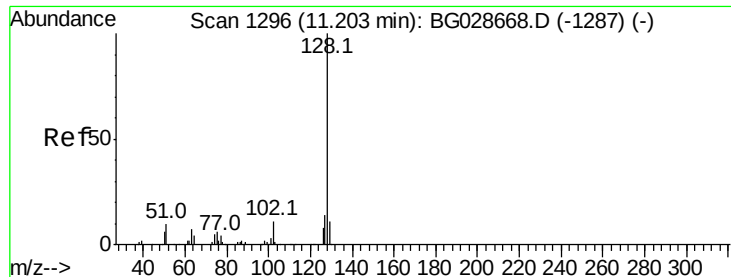


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.888 ng

RT: 11.16 min Scan# 1289

Delta R.T. -0.04 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

Instrument :

BNA_G

ClientSampleId :

MW-2-EWMSD

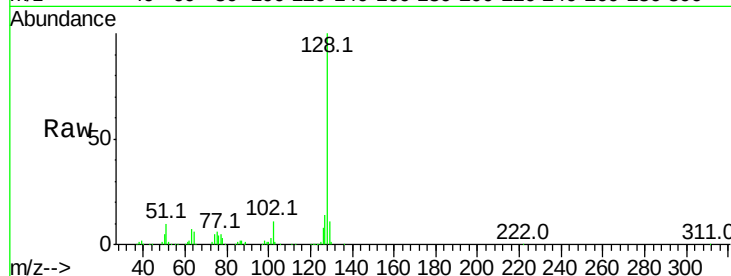
Tot Ion:128 Resp: 338384

Ion Ratio Lower Upper

128 100

129 10.6 9.3 13.9

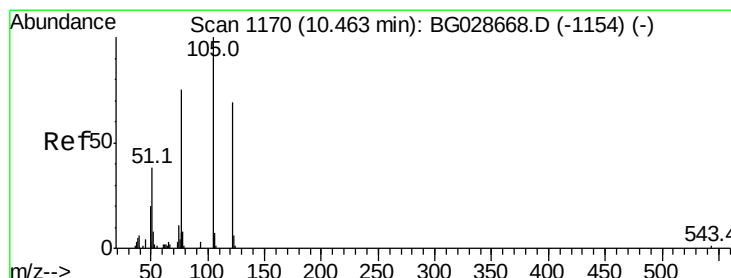
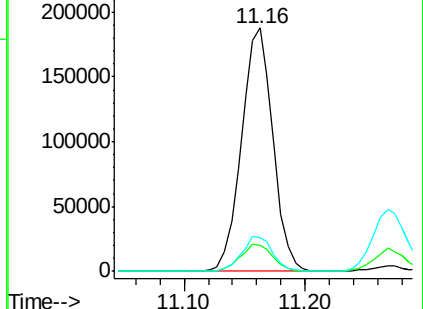
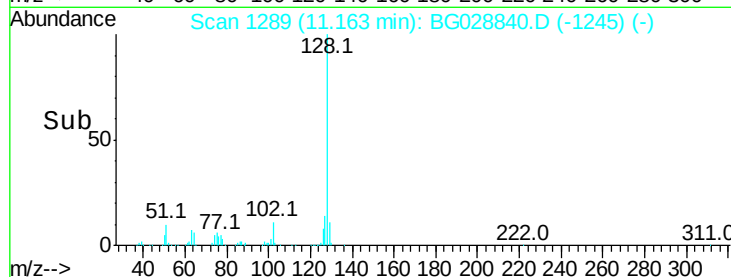
127 13.7 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.078 ng

RT: 10.39 min Scan# 1157

Delta R.T. -0.07 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

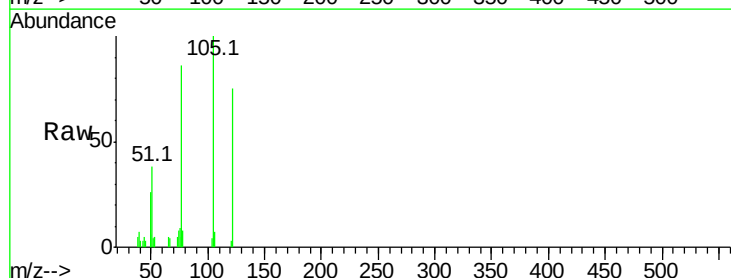
Tgt Ion:122 Resp: 8254

Ion Ratio Lower Upper

122 100

105 132.5 120.1 160.1

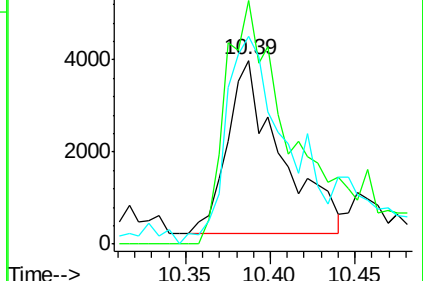
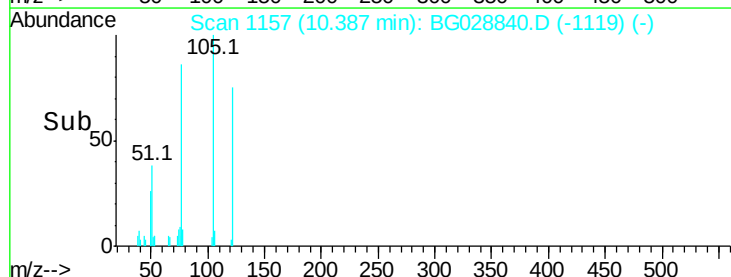
77 113.4 104.6 144.6

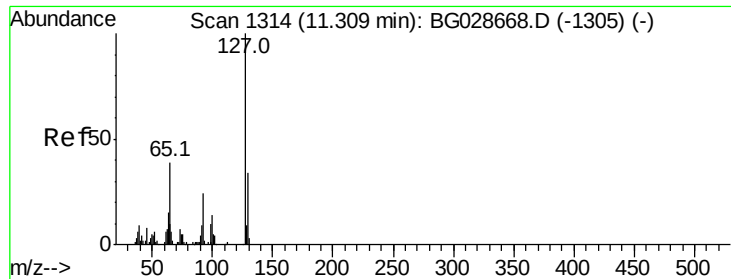


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

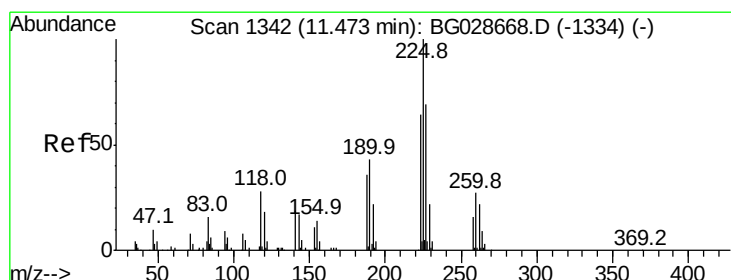
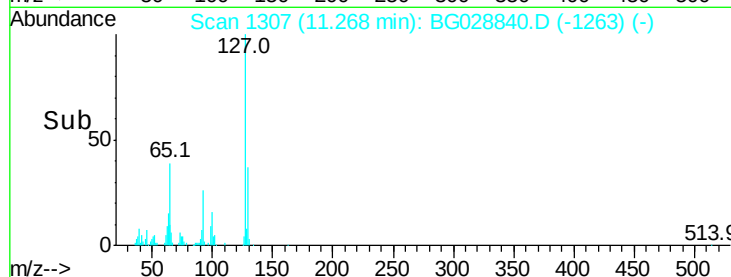
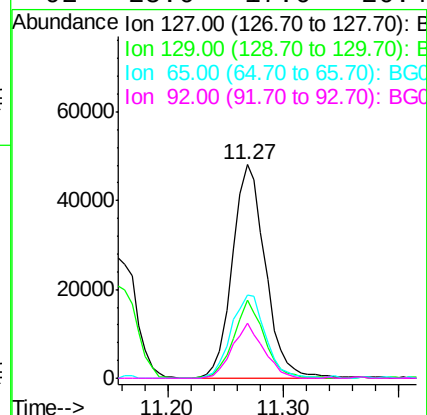
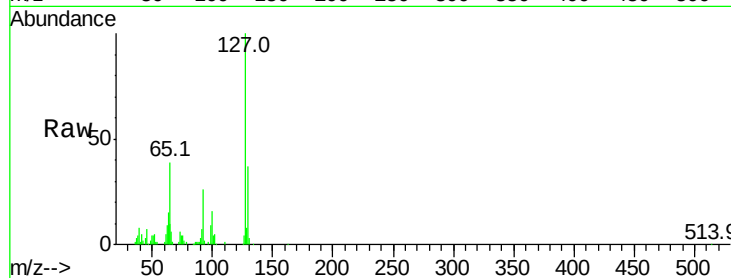




#33
4-Chloroaniline
Concen: 30.904 ng
RT: 11.27 min Scan# 1307
Delta R.T. -0.04 min
Lab File: BG028840.D
Acq: 20 Sep 2017 20:32

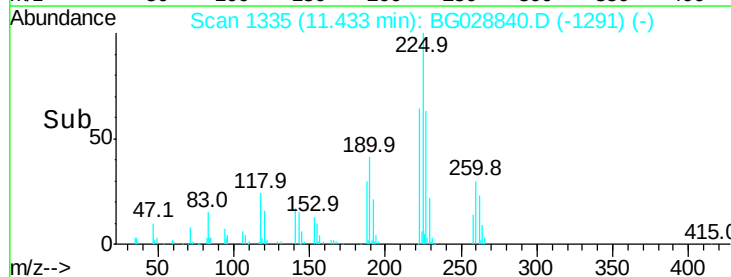
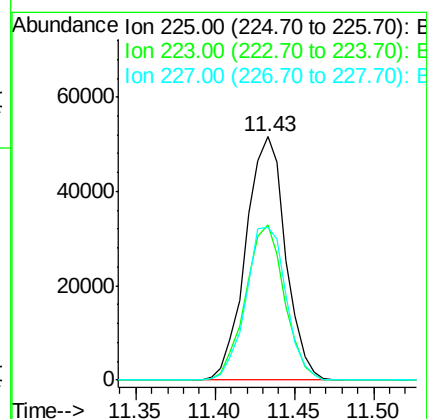
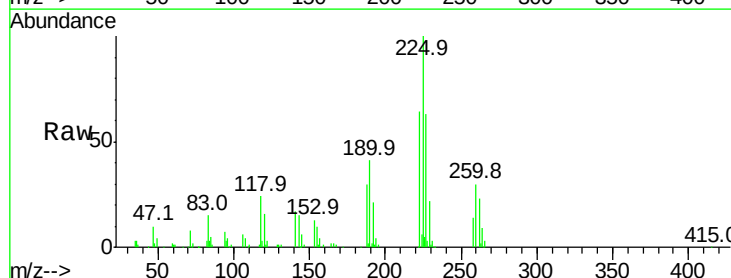
Instrument :
BNA_G
ClientSampleId :
MW-2-EWMSD

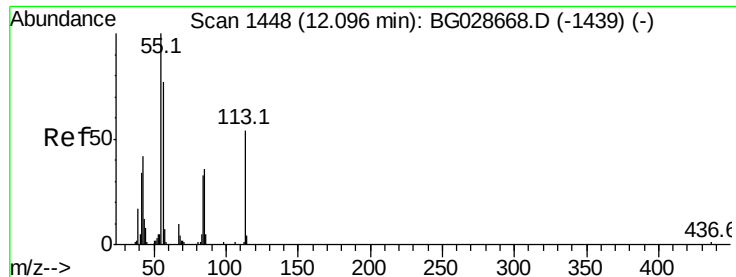
Tot Ion:127	Resp:	95467
Ion Ratio	Lower	Upper
127	100	
129	36.7	23.6 35.4#
65	39.0	37.7 56.5
92	25.6	17.6 26.4



#34
Hexachlorobutadiene
Concen: 42.188 ng
RT: 11.43 min Scan# 1335
Delta R.T. -0.04 min
Lab File: BG028840.D
Acq: 20 Sep 2017 20:32

Tgt Ion:225	Resp:	89675
Ion Ratio	Lower	Upper
225	100	
223	63.5	50.7 76.1
227	62.9	49.0 73.6





#35

Caprolactam

Concen: 7.471 ng

RT: 12.06 min Scan# 1442

Delta R.T. -0.03 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

Instrument :

BNA_G

ClientSampleId :

MW-2-EWMSD

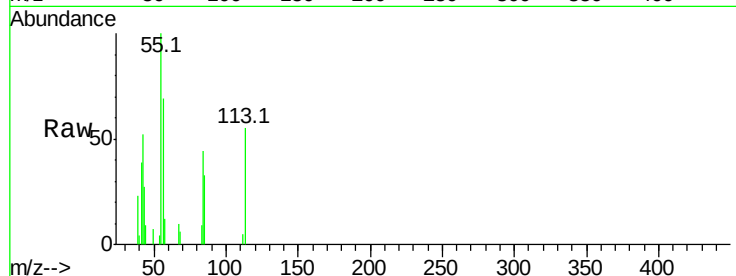
Tot Ion:113 Resp: 6777

Ion Ratio Lower Upper

113 100

55 182.2 198.6 238.6#

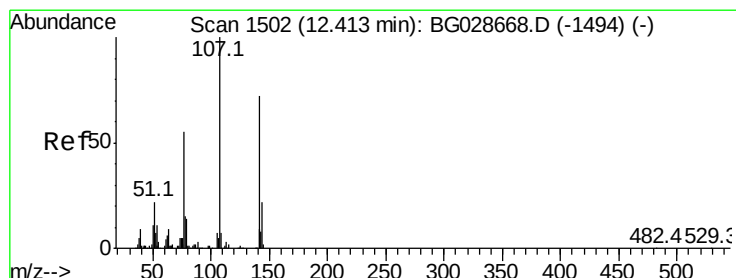
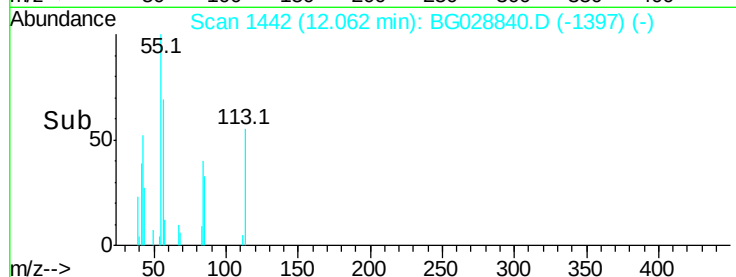
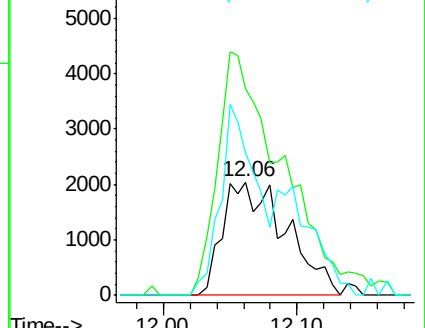
56 125.5 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 39.628 ng

RT: 12.37 min Scan# 1495

Delta R.T. -0.04 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

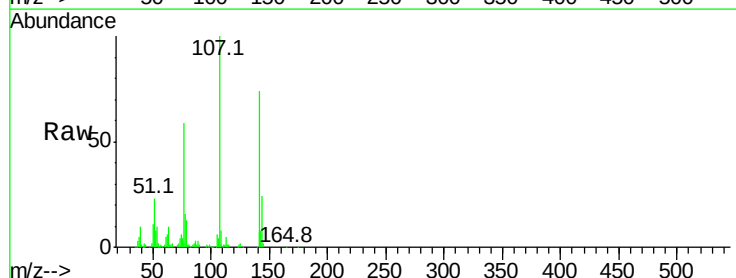
Tgt Ion:107 Resp: 130465

Ion Ratio Lower Upper

107 100

144 24.1 17.4 26.0

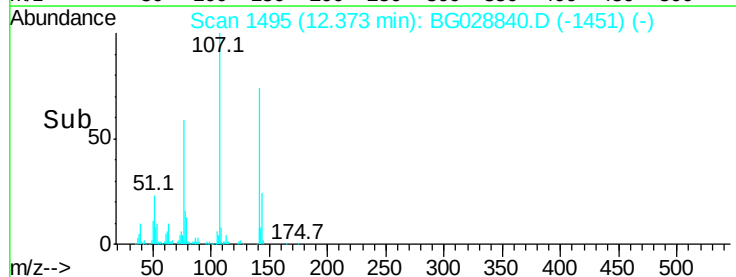
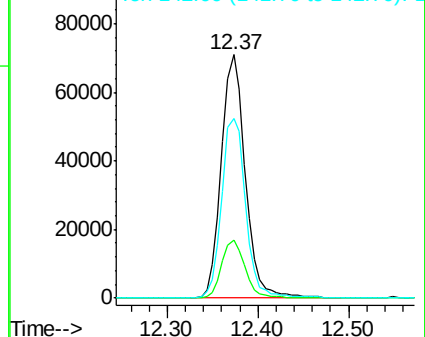
142 73.7 54.1 81.1

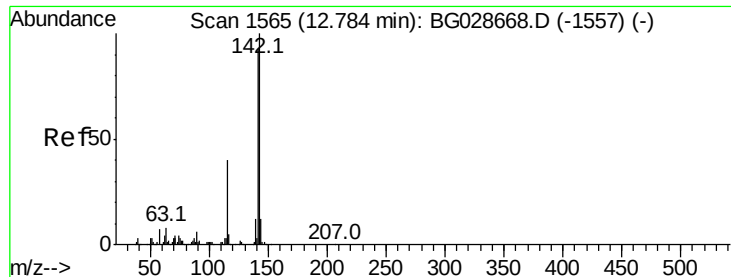


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.645 ng

RT: 12.74 min Scan# 1558

Delta R.T. -0.04 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

Instrument :

BNA_G

ClientSampleId :

MW-2-EWMSD

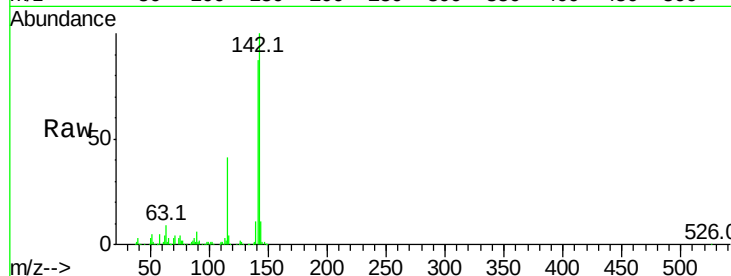
Tot Ion:142 Resp: 273319

Ion Ratio Lower Upper

142 100

141 86.9 70.4 105.6

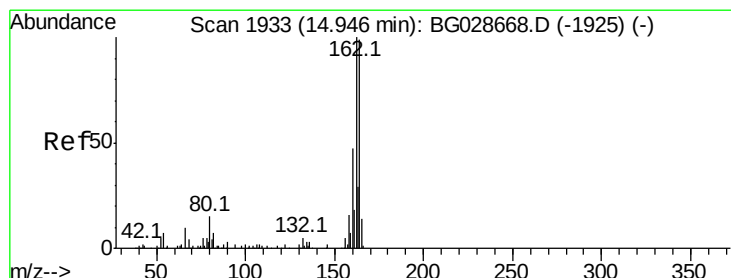
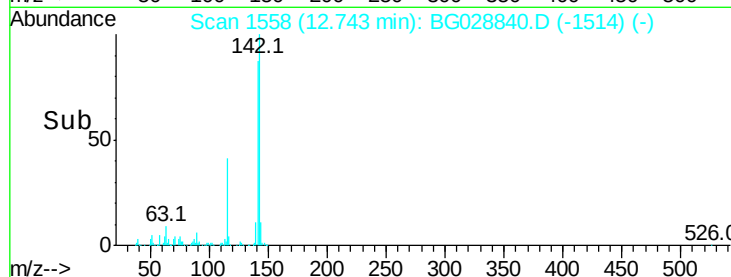
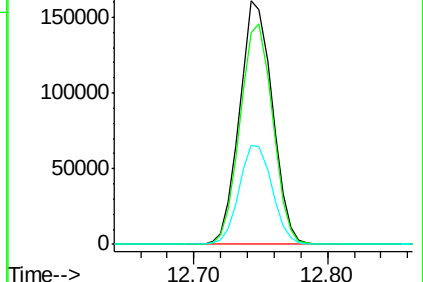
115 40.6 35.5 53.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.91 min Scan# 1927

Delta R.T. -0.03 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

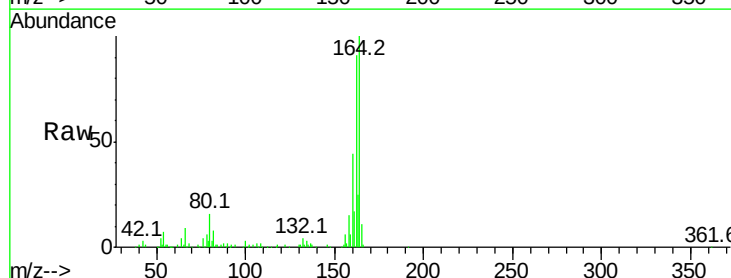
Tgt Ion:164 Resp: 102639

Ion Ratio Lower Upper

164 100

162 91.5 85.1 127.7

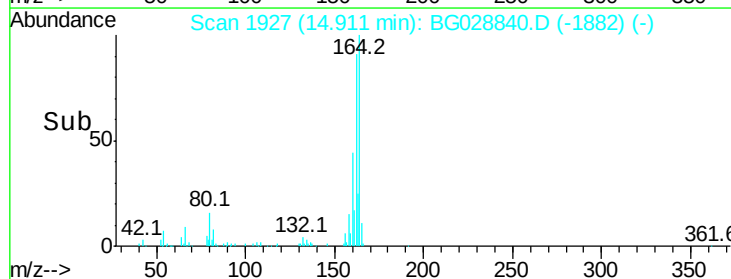
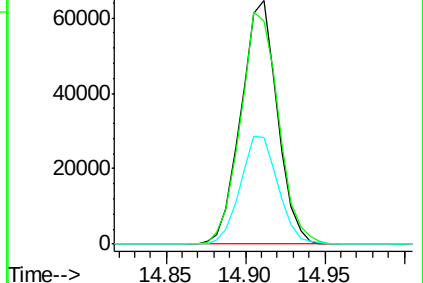
160 43.8 34.7 52.1

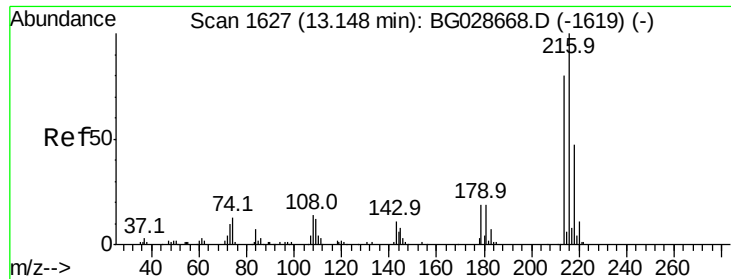


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

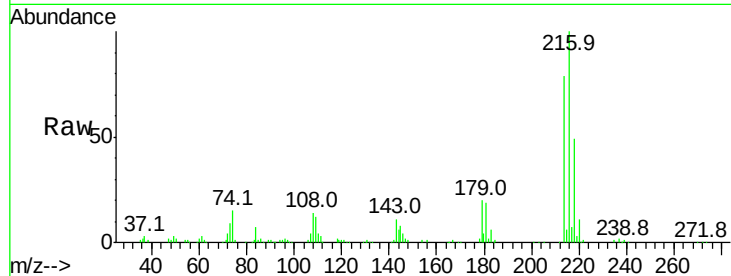




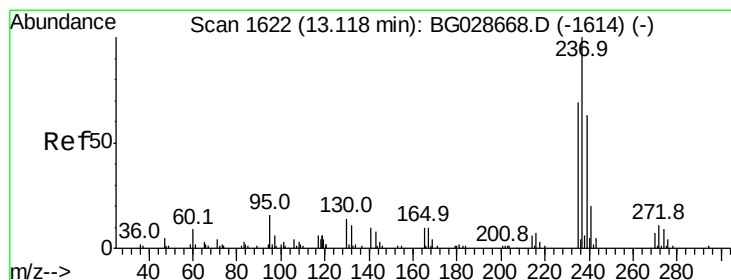
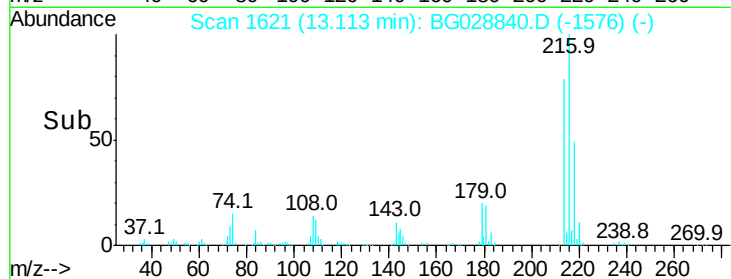
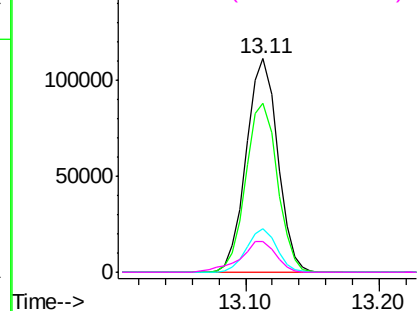
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.761 ng
 RT: 13.11 min Scan# 1621
 Delta R.T. -0.03 min
 Lab File: BG028840.D
 Acq: 20 Sep 2017 20:32

Instrument :
 BNA_G
 ClientSampleId :
 MW-2-EWMSD

Tot Ion:	216	Resp:	180459
Ion	Ratio	Lower	Upper
216	100		
214	79.6	64.4	96.6
179	19.5	17.4	26.0
108	16.4	15.6	23.4

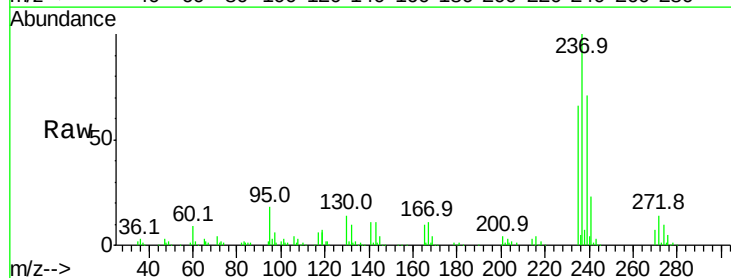


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

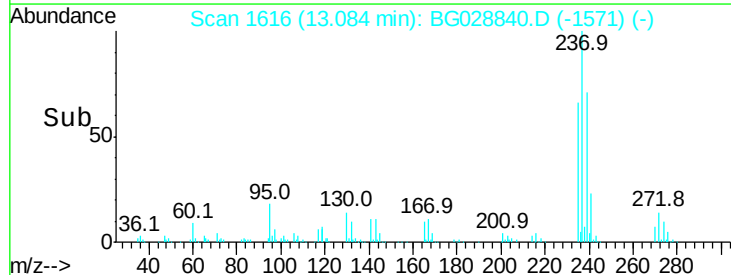
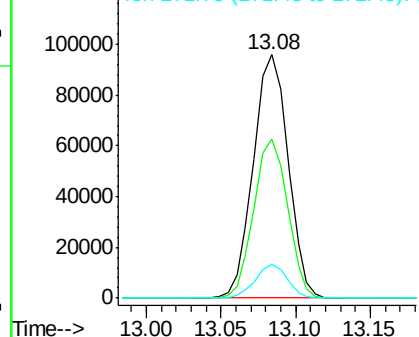


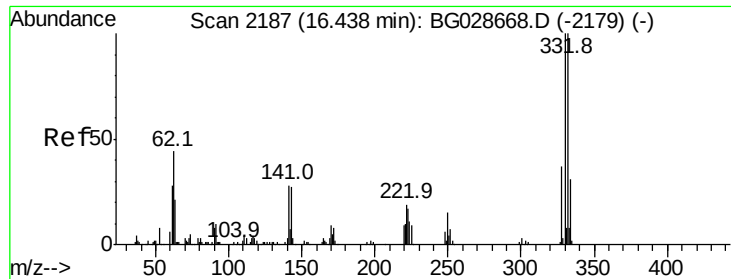
#40
 Hexachlorocyclopentadiene
 Concen: 92.710 ng
 RT: 13.08 min Scan# 1616
 Delta R.T. -0.03 min
 Lab File: BG028840.D
 Acq: 20 Sep 2017 20:32

Tgt Ion:	237	Resp:	154182
Ion	Ratio	Lower	Upper
237	100		
235	65.5	39.4	79.4
272	14.0	0.0	32.0



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

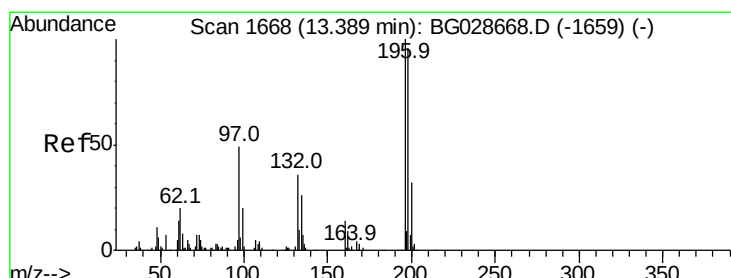
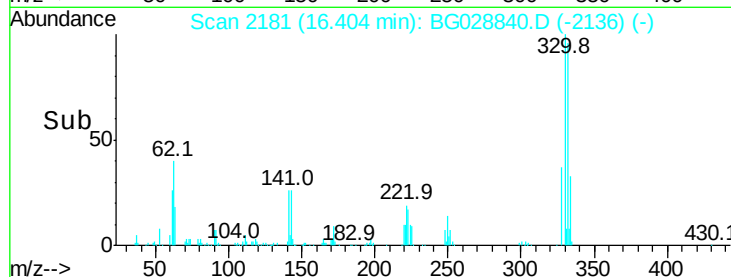
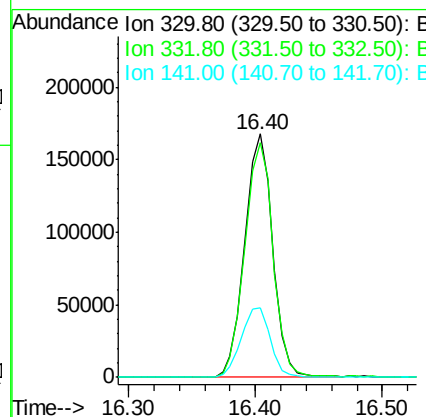
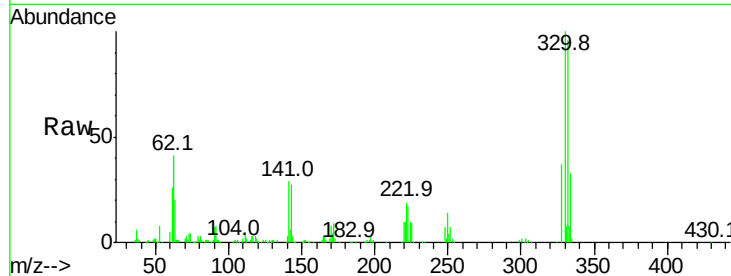




#41
 2,4,6-Tribromophenol
 Concen: 151.608 ng
 RT: 16.40 min Scan# 2181
 Delta R.T. -0.03 min
 Lab File: BG028840.D
 Acq: 20 Sep 2017 20:32

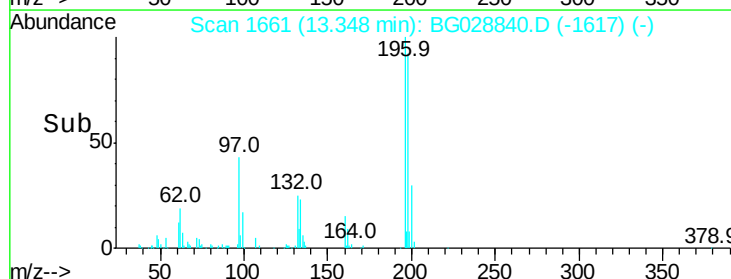
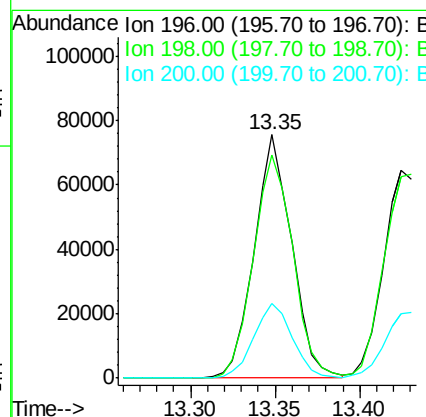
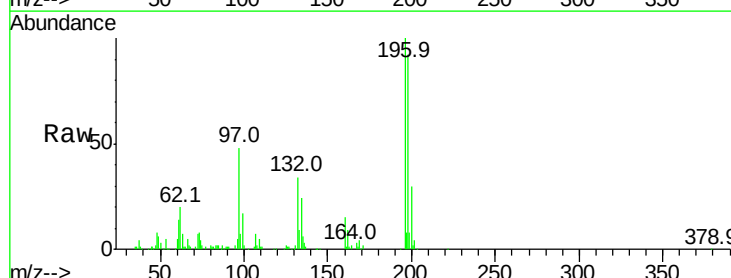
Instrument :
 BNA_G
 ClientSampleId :
 MW-2-EWMSD

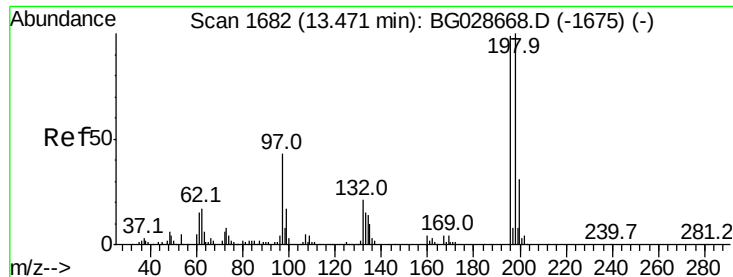
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.3	115.9
141	29.8	32.1	48.1#



#42
 2,4,6-Trichlorophenol
 Concen: 43.677 ng
 RT: 13.35 min Scan# 1661
 Delta R.T. -0.04 min
 Lab File: BG028840.D
 Acq: 20 Sep 2017 20:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.5	81.4	122.2
200	30.4	27.0	40.6

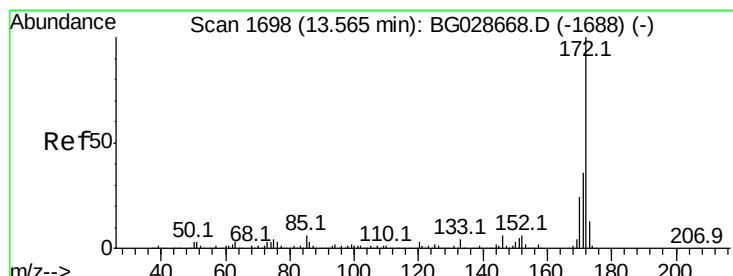
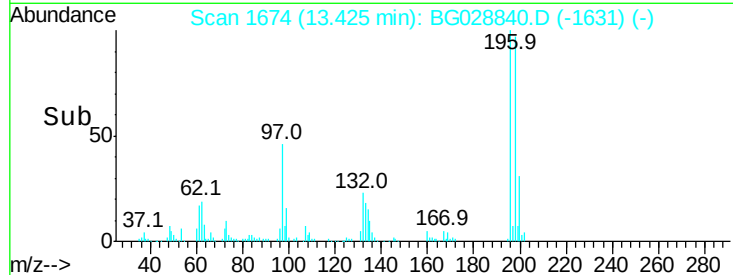
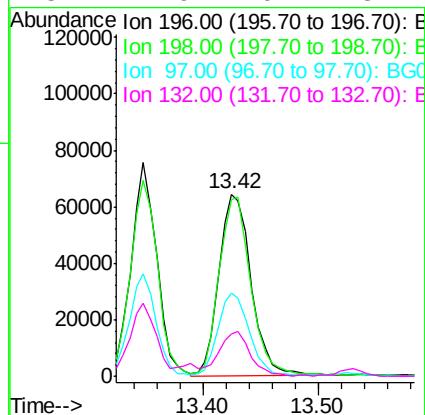
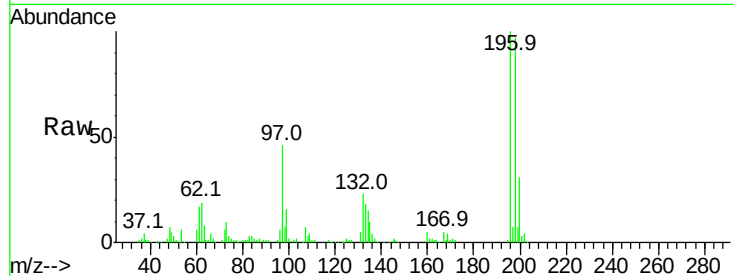




#43
 2,4,5-Trichlorophenol
 Concen: 45.978 ng
 RT: 13.42 min Scan# 1674
 Delta R.T. -0.05 min
 Lab File: BG028840.D
 Acq: 20 Sep 2017 20:32

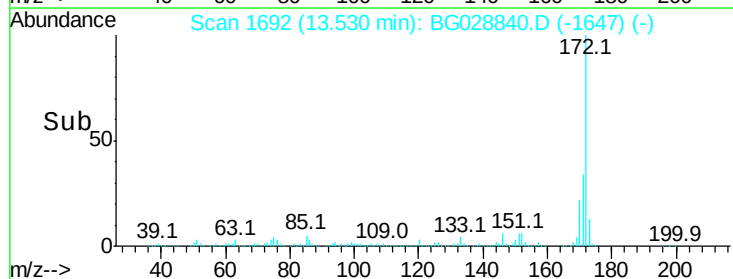
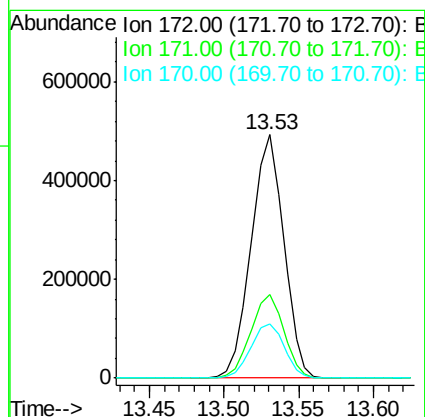
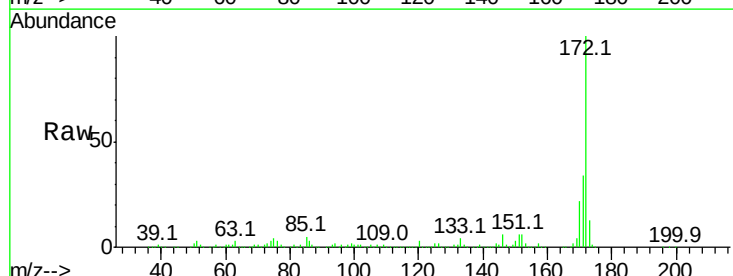
Instrument :
 BNA_G
 ClientSampleId :
 MW-2-EWMSD

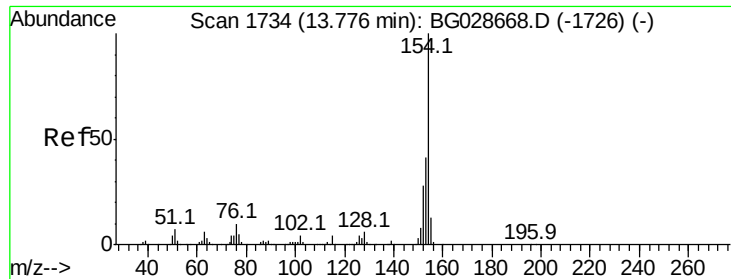
Tot Ion:	196	Resp:	123749
Ion	Ratio	Lower	Upper
196	100		
198	96.9	79.9	119.9
97	45.8	45.4	68.0
132	22.9	20.7	31.1



#44
 2-Fluorobiphenyl
 Concen: 96.774 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.03 min
 Lab File: BG028840.D
 Acq: 20 Sep 2017 20:32

Tgt Ion:	172	Resp:	744911
Ion	Ratio	Lower	Upper
172	100		
171	34.5	32.2	48.2
170	22.4	21.8	32.6

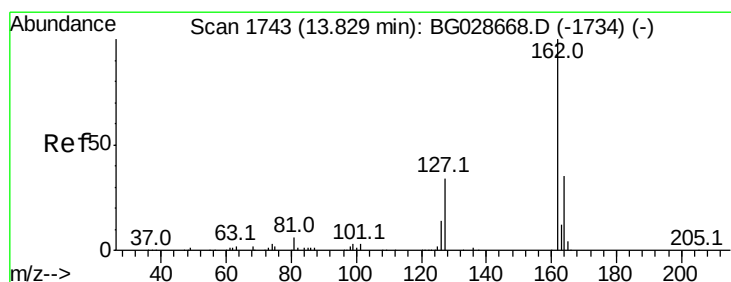
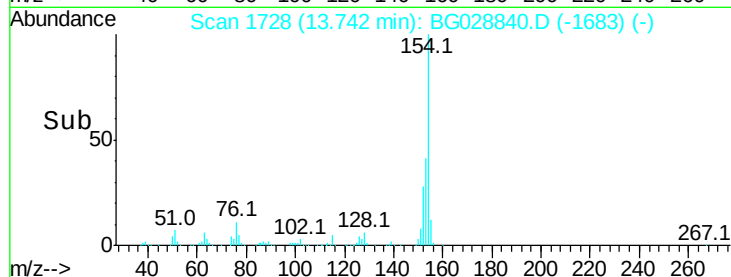
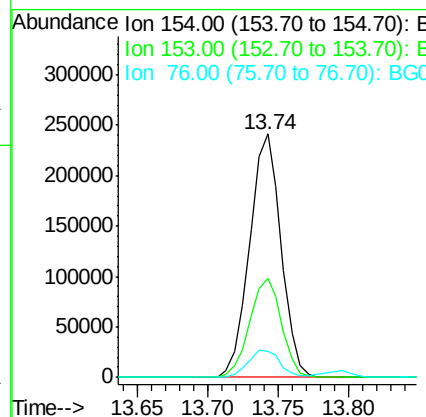
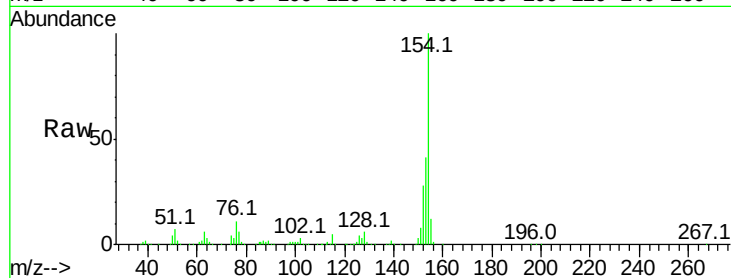




#45
 1,1'-Biphenyl
 Concen: 44.276 ng
 RT: 13.74 min Scan# 1728
 Delta R.T. -0.03 min
 Lab File: BG028840.D
 Acq: 20 Sep 2017 20:32

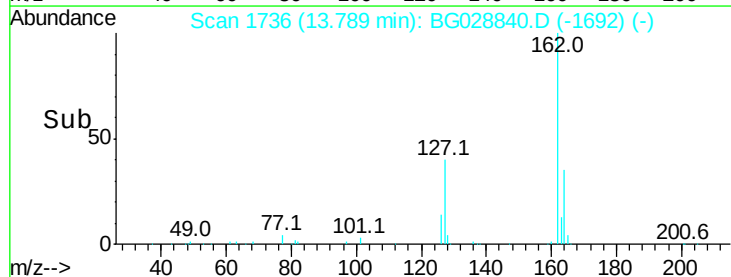
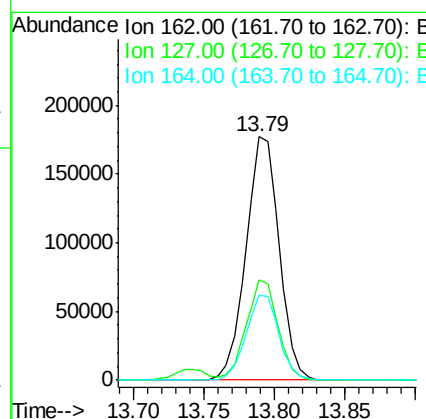
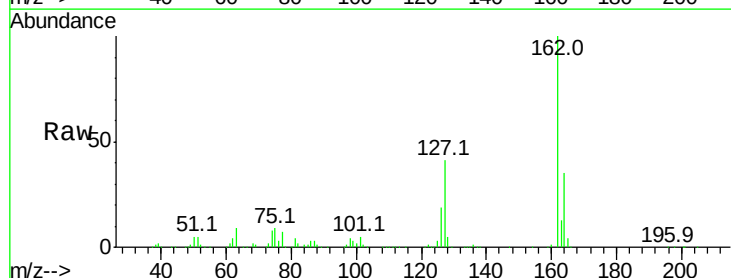
Instrument :
 BNA_G
 ClientSampleId :
 MW-2-EWMSD

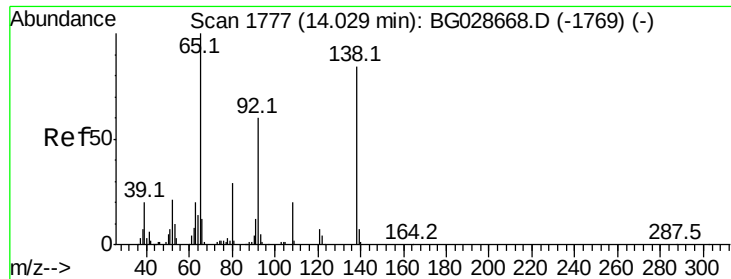
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	23.0	63.0
76	10.9	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 46.979 ng
 RT: 13.79 min Scan# 1736
 Delta R.T. -0.04 min
 Lab File: BG028840.D
 Acq: 20 Sep 2017 20:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.2	48.4
164	35.1	27.3	40.9

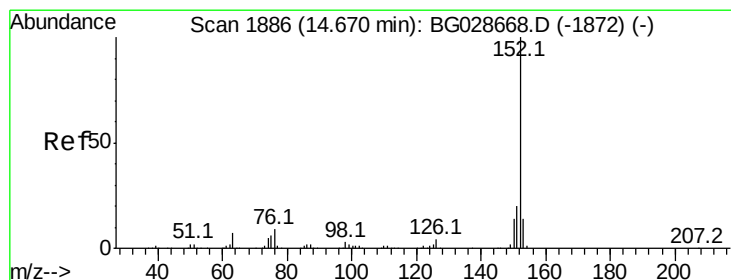
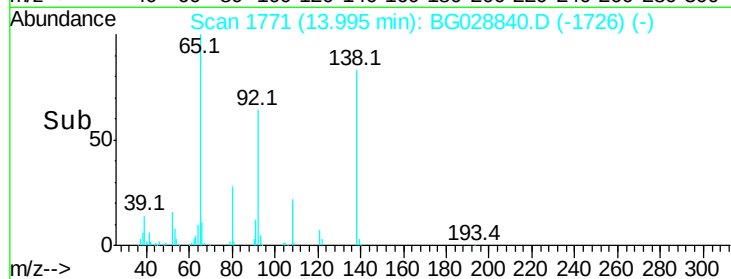
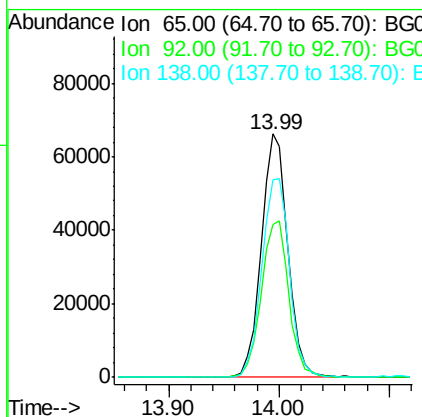
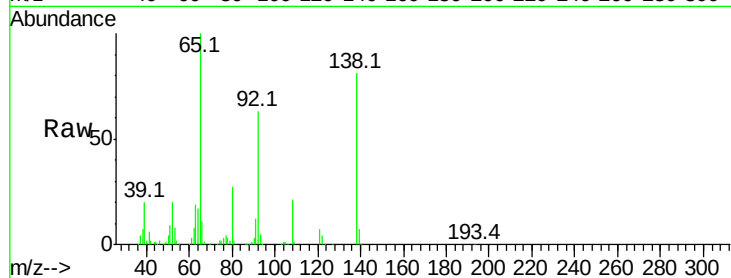




#47
2-Nitroaniline
Concen: 48.249 ng
RT: 13.99 min Scan# 1771
Delta R.T. -0.03 min
Lab File: BG028840.D
Acq: 20 Sep 2017 20:32

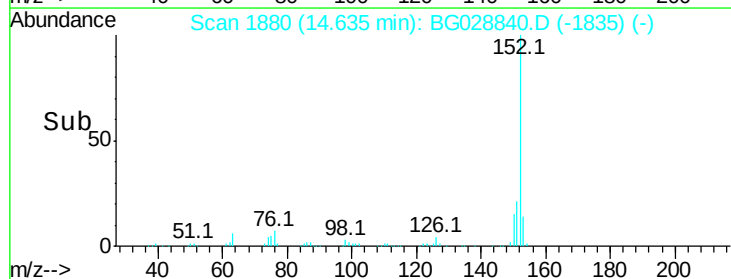
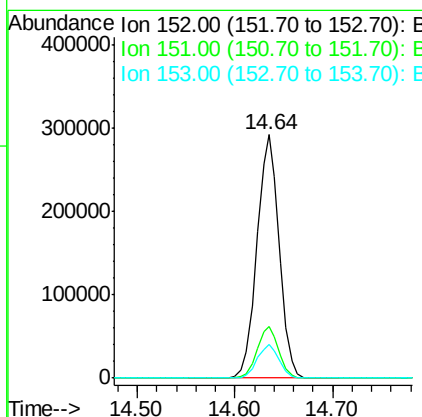
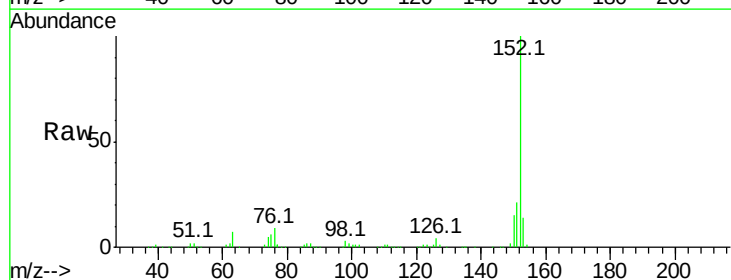
Instrument :
BNA_G
ClientSampleId :
MW-2-EWMSD

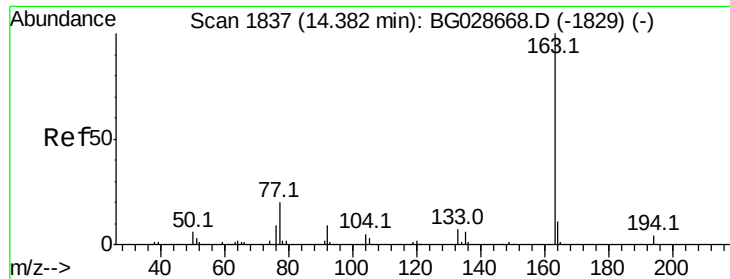
Tot Ion: 65 Resp: 111148
Ion Ratio Lower Upper
65 100
92 62.8 49.0 73.4
138 81.1 58.6 87.8



#48
Acenaphthylene
Concen: 47.087 ng
RT: 14.64 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BG028840.D
Acq: 20 Sep 2017 20:32

Tgt Ion: 152 Resp: 466292
Ion Ratio Lower Upper
152 100
151 21.0 18.2 27.2
153 13.8 11.3 16.9





#49

Dimethylphthalate

Concen: 47.245 ng

RT: 14.35 min Scan# 1832

Delta R.T. -0.03 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

Instrument :

BNA_G

ClientSampleId :

MW-2-EWMSD

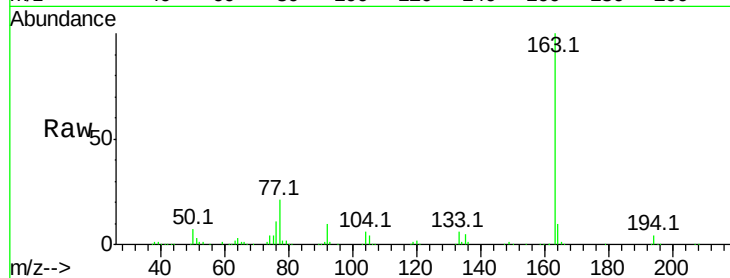
Tot Ion:163 Resp: 406634

Ion Ratio Lower Upper

163 100

194 4.1 3.8 5.6

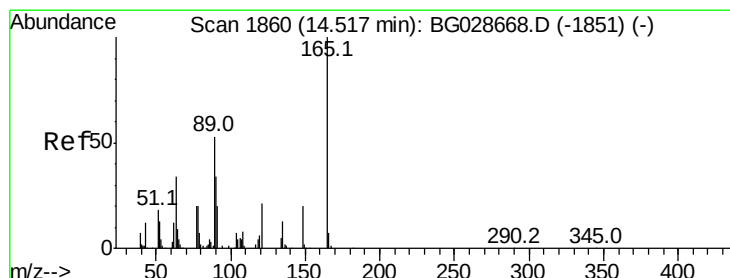
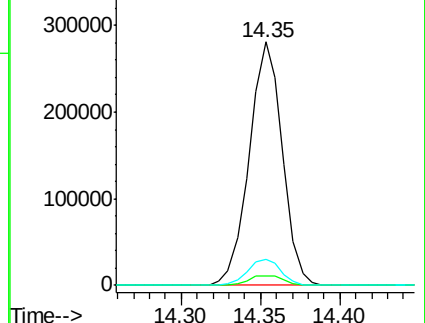
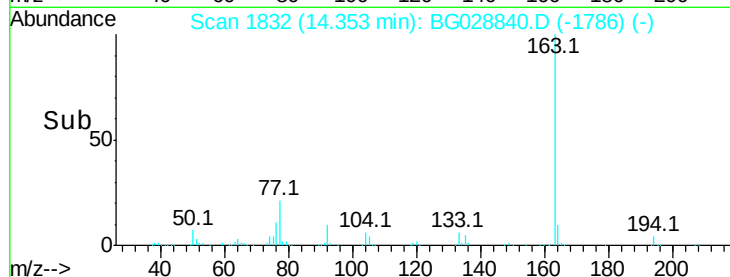
164 10.5 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 50.089 ng

RT: 14.48 min Scan# 1854

Delta R.T. -0.03 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

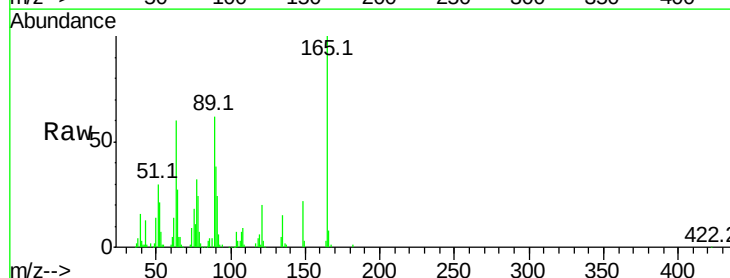
Tgt Ion:165 Resp: 95926

Ion Ratio Lower Upper

165 100

63 59.8 63.9 95.9#

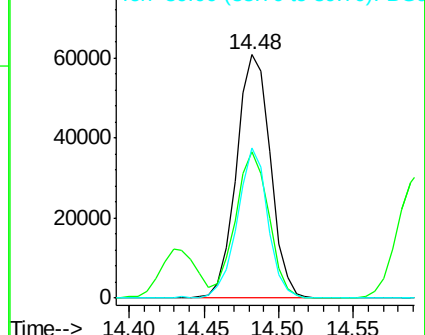
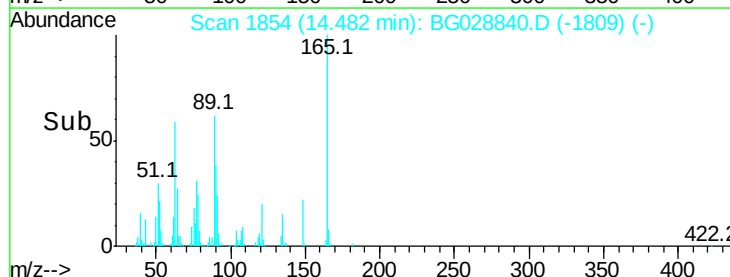
89 61.8 58.6 88.0

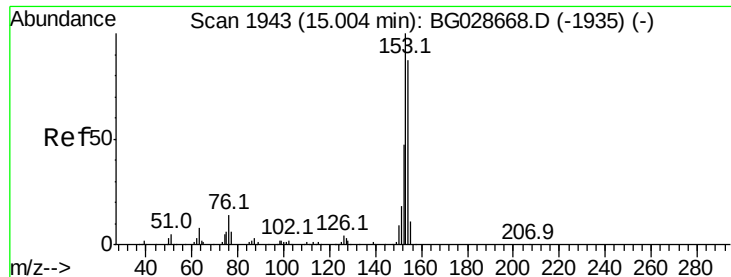


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 47.854 ng

RT: 14.98 min Scan# 1938

Delta R.T. -0.03 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

Instrument :

BNA_G

ClientSampleId :

MW-2-EWMSD

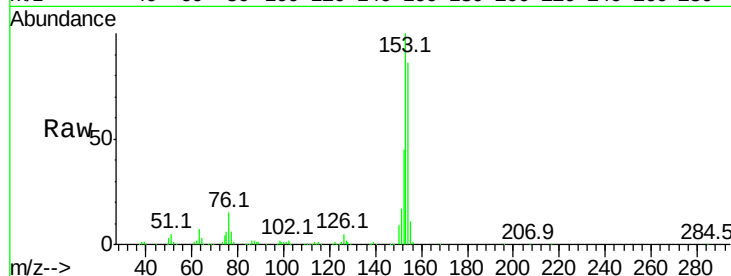
Tot Ion:154 Resp: 287868

Ion Ratio Lower Upper

154 100

153 115.6 87.8 131.6

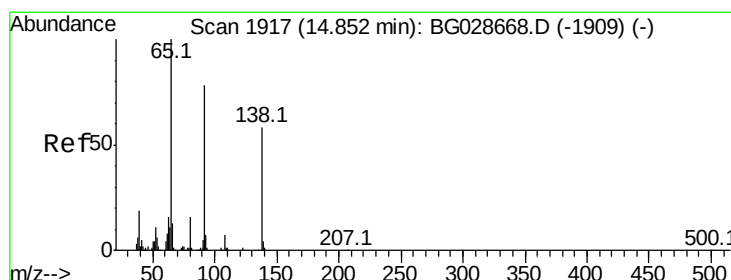
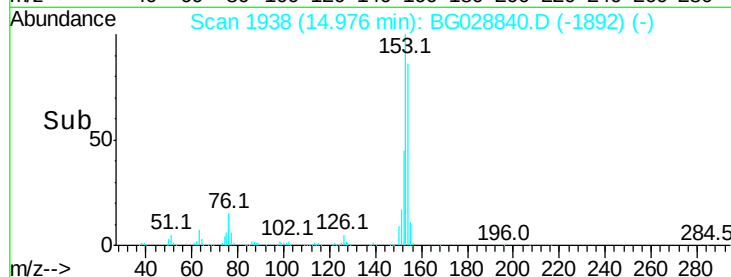
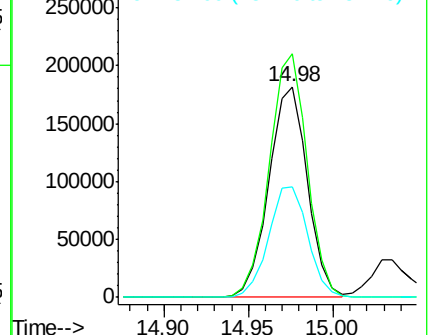
152 52.4 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.404 ng

RT: 14.82 min Scan# 1911

Delta R.T. -0.03 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

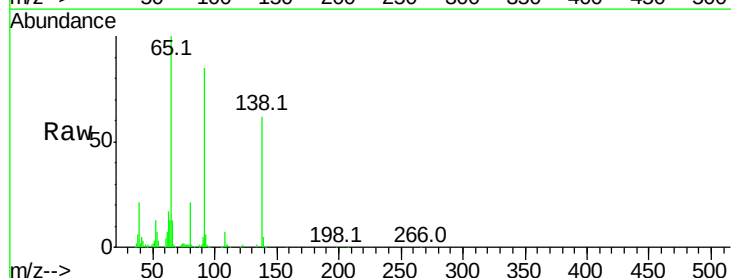
Tgt Ion:138 Resp: 63347

Ion Ratio Lower Upper

138 100

108 11.6 10.9 16.3

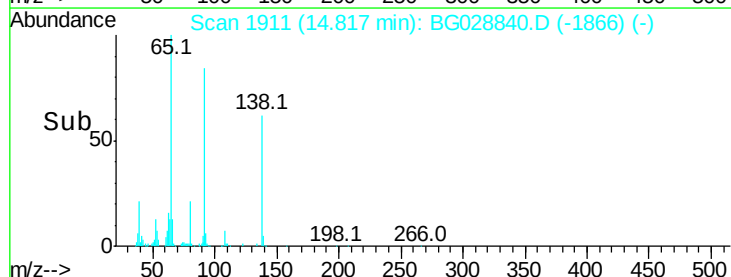
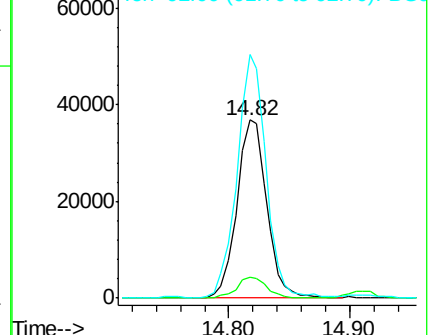
92 136.7 115.3 172.9

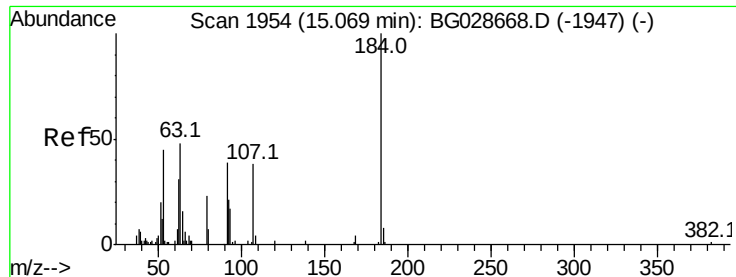


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

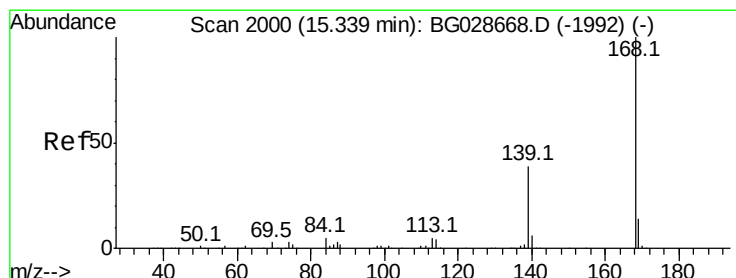
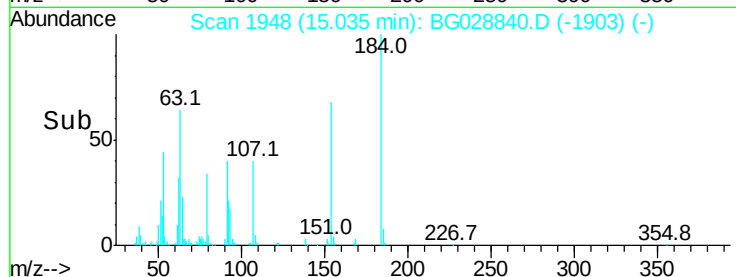
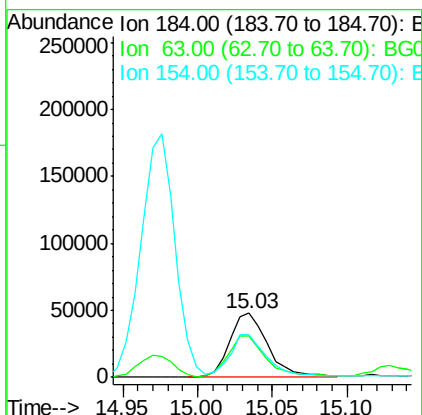
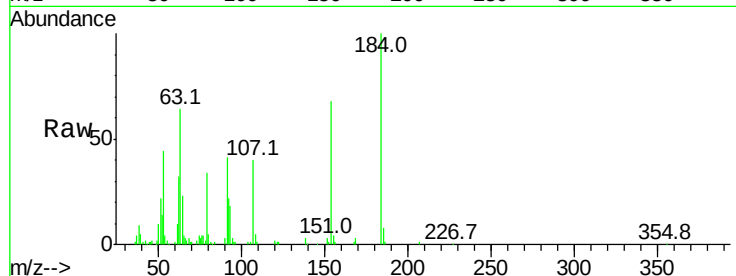




#53
 2,4-Dinitrophenol
 Concen: 84.874 ng
 RT: 15.03 min Scan# 1948
 Delta R.T. -0.03 min
 Lab File: BG028840.D
 Acq: 20 Sep 2017 20:32

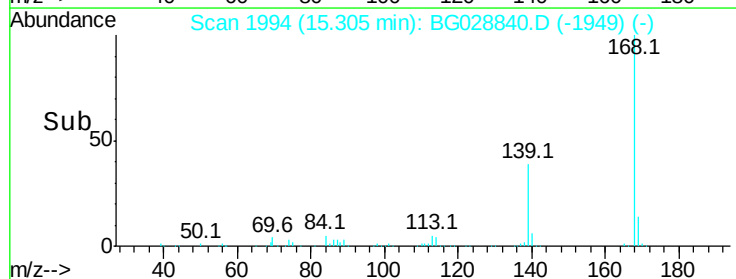
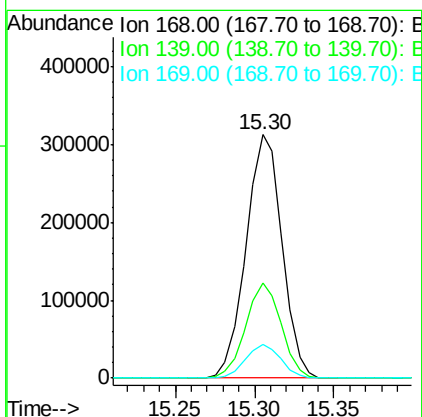
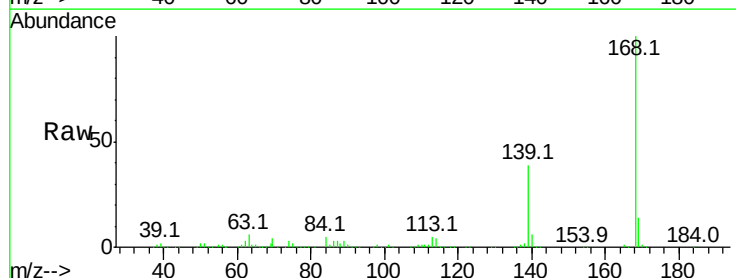
Instrument :
 BNA_G
 ClientSampleId :
 MW-2-EWMSD

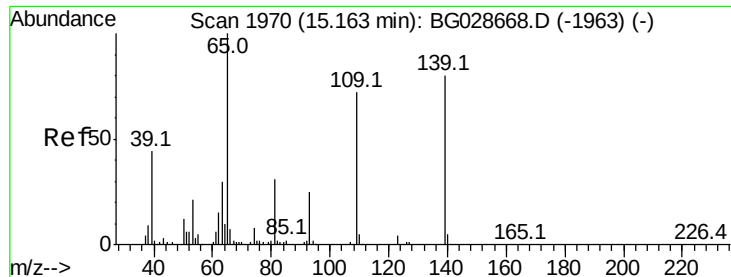
Tot Ion	Ratio	Lower	Upper
184	100		
63	63.9	52.7	79.1
154	67.6	57.3	85.9



#54
 Dibenzofuran
 Concen: 51.466 ng
 RT: 15.30 min Scan# 1994
 Delta R.T. -0.03 min
 Lab File: BG028840.D
 Acq: 20 Sep 2017 20:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.1	35.3	52.9
169	13.8	11.5	17.3

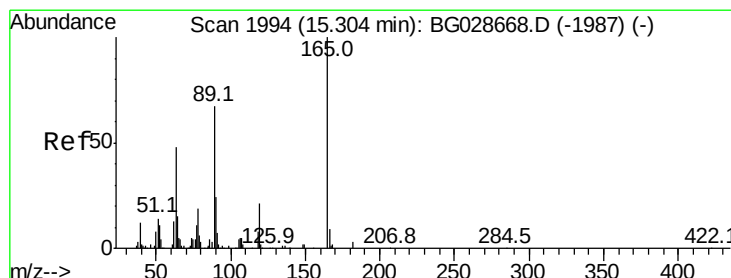
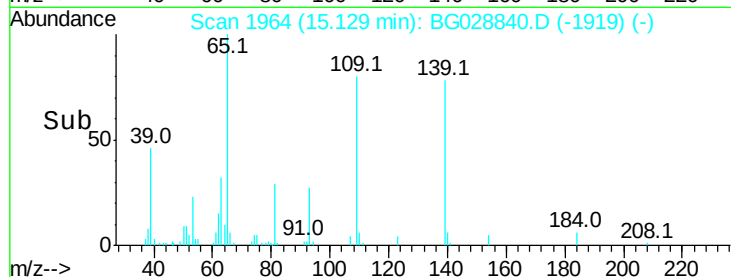
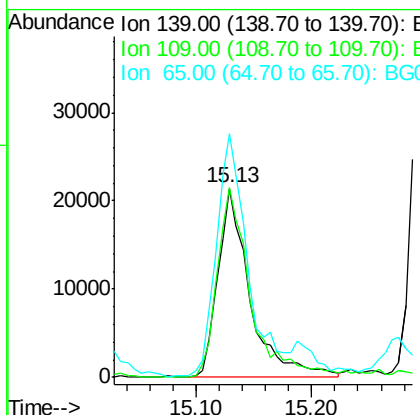
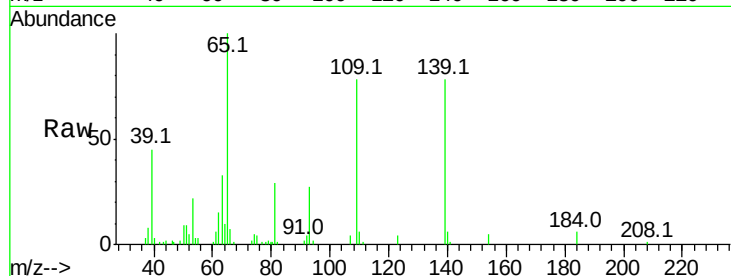




#55
4-Nitrophenol
Concen: 33.350 ng
RT: 15.13 min Scan# 1964
Delta R.T. -0.03 min
Lab File: BG028840.D
Acq: 20 Sep 2017 20:32

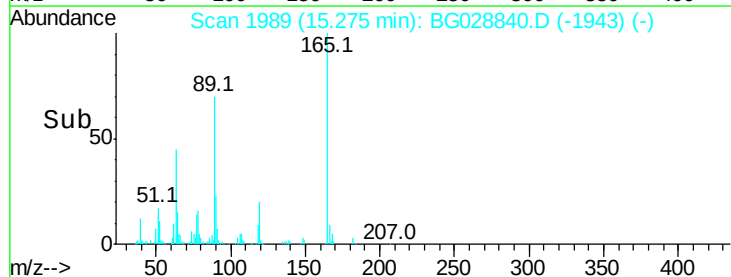
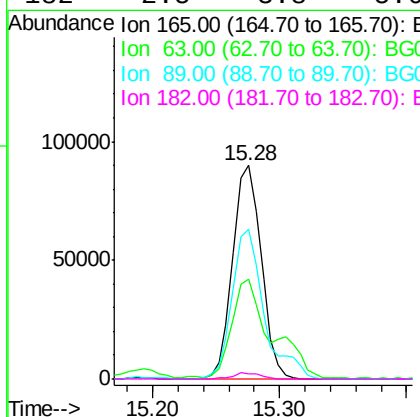
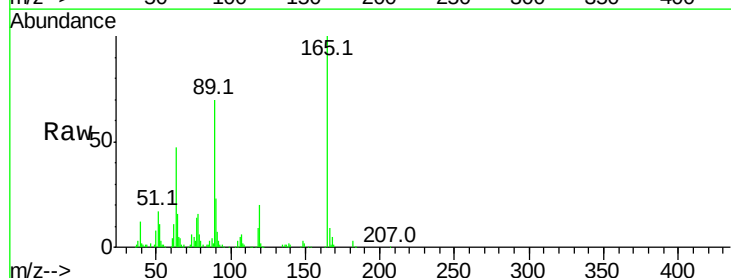
Instrument :
BNA_G
ClientSampleId :
MW-2-EWMSD

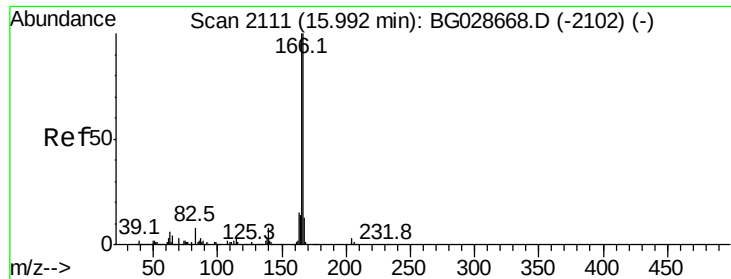
Tot Ion:139 Resp: 41381
Ion Ratio Lower Upper
139 100
109 100.9 101.2 141.2#
65 129.0 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 52.065 ng
RT: 15.28 min Scan# 1989
Delta R.T. -0.03 min
Lab File: BG028840.D
Acq: 20 Sep 2017 20:32

Tgt Ion:165 Resp: 140202
Ion Ratio Lower Upper
165 100
63 46.6 44.0 66.0
89 70.1 67.3 100.9
182 2.5 3.8 5.6#





#57

Fluorene

Concen: 48.691 ng

RT: 15.96 min Scan# 2105

Delta R.T. -0.03 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

Instrument :

BNA_G

ClientSampleId :

MW-2-EWMSD

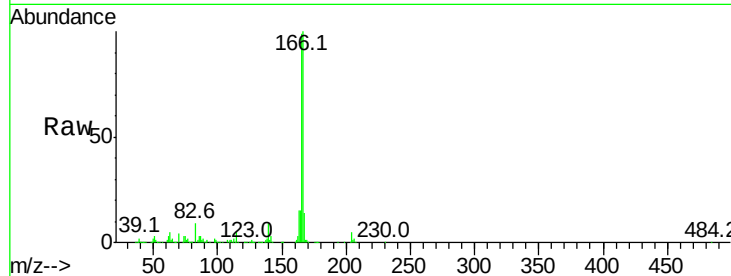
Tot Ion:166 Resp: 417006

Ion Ratio Lower Upper

166 100

165 99.3 78.6 117.8

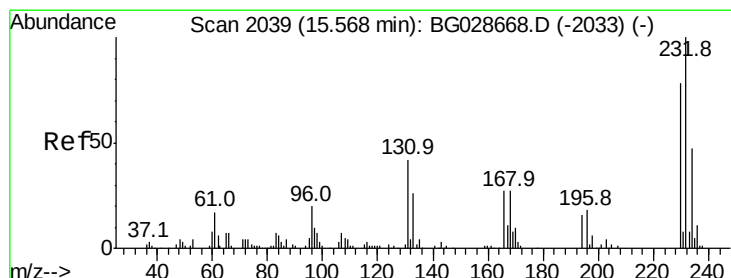
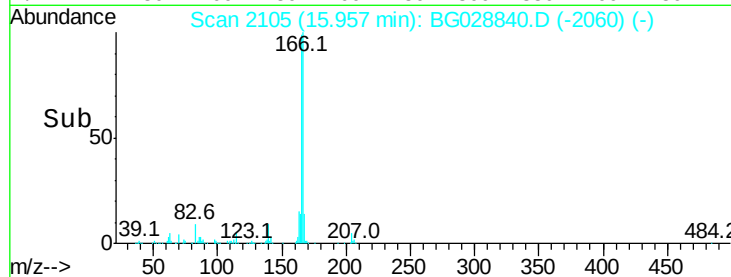
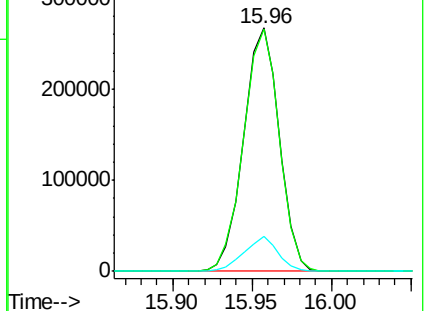
167 14.1 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.852 ng

RT: 15.53 min Scan# 2033

Delta R.T. -0.03 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

Tgt Ion:232 Resp: 125370

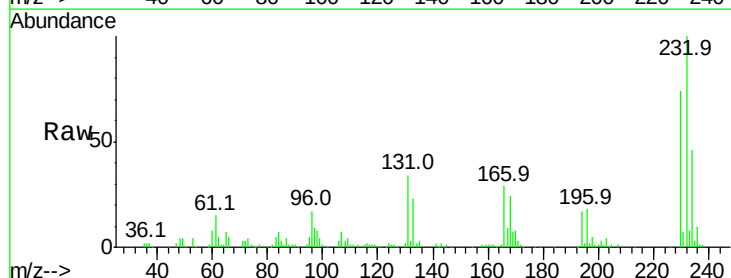
Ion Ratio Lower Upper

232 100

131 37.2 34.9 52.3

130 2.3 2.3 3.5#

166 28.4 24.2 36.4

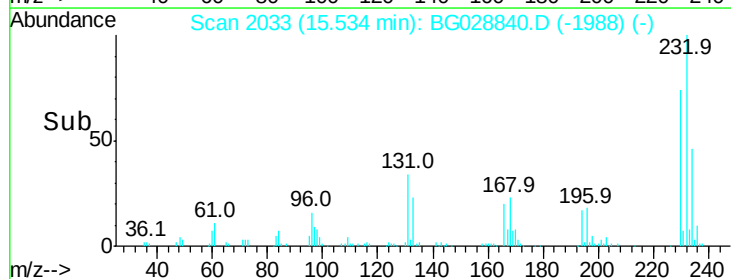
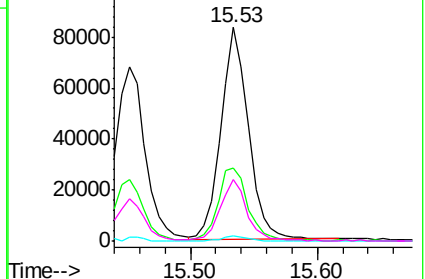


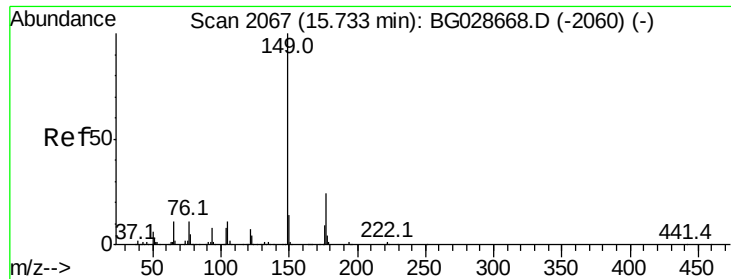
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

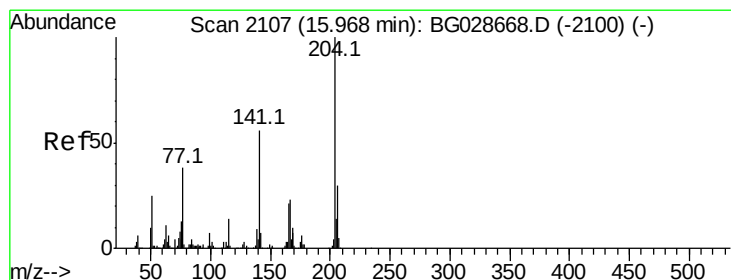
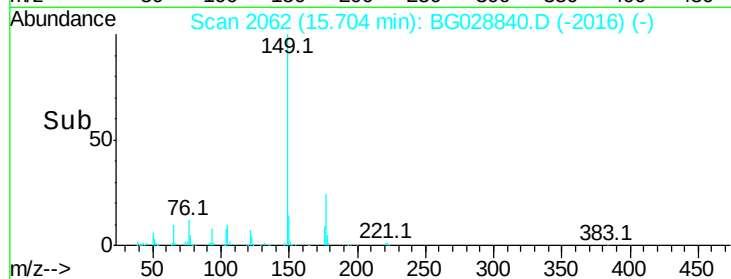
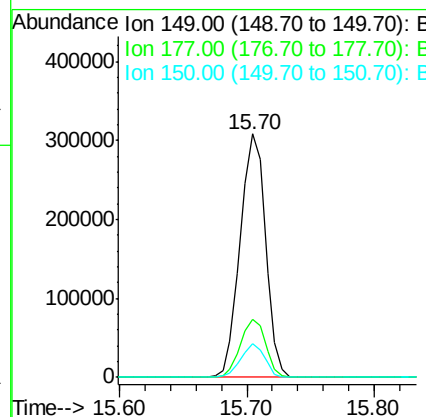
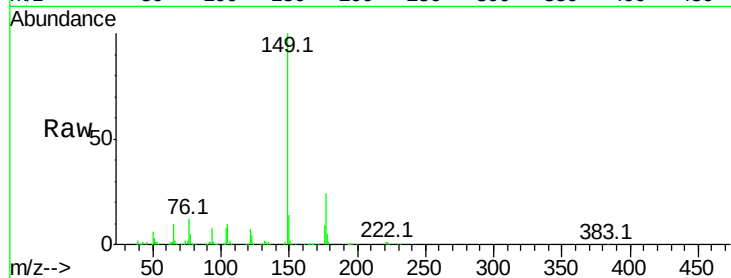




#59
Diethylphthalate
Concen: 47.985 ng
RT: 15.70 min Scan# 2062
Delta R.T. -0.03 min
Lab File: BG028840.D
Acq: 20 Sep 2017 20:32

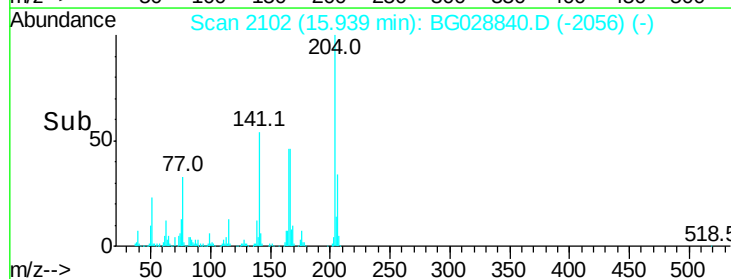
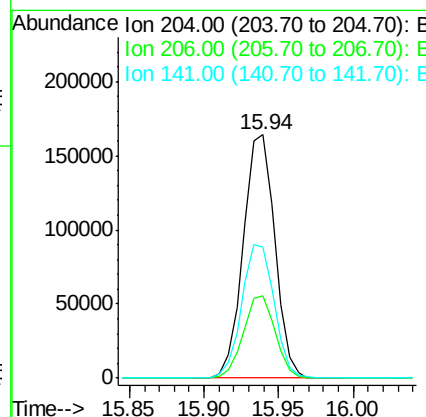
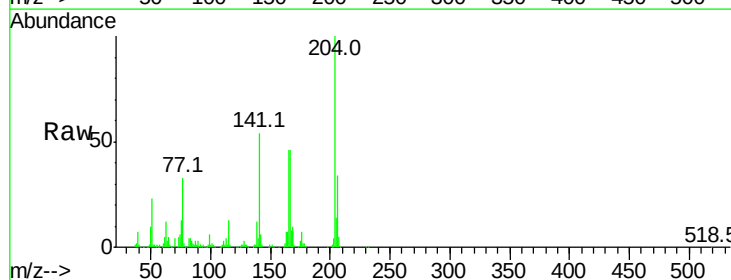
Instrument :
BNA_G
ClientSampleId :
MW-2-EWMSD

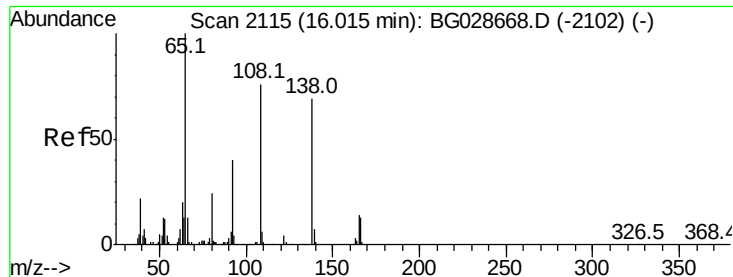
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.8	20.1	30.1
150	13.9	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 49.303 ng
RT: 15.94 min Scan# 2102
Delta R.T. -0.03 min
Lab File: BG028840.D
Acq: 20 Sep 2017 20:32

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.9	30.1	45.1
141	53.8	50.6	76.0

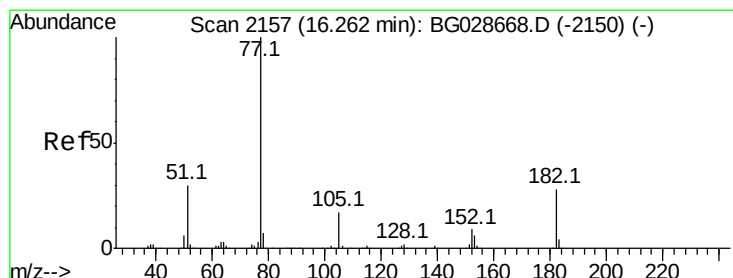
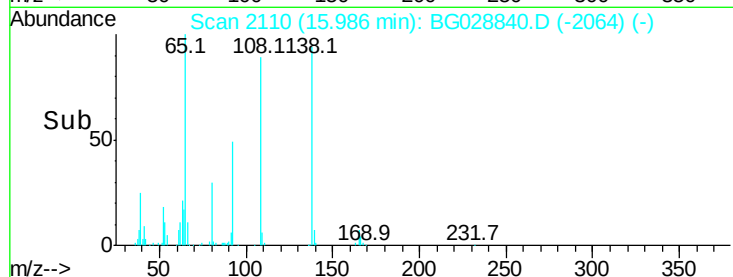
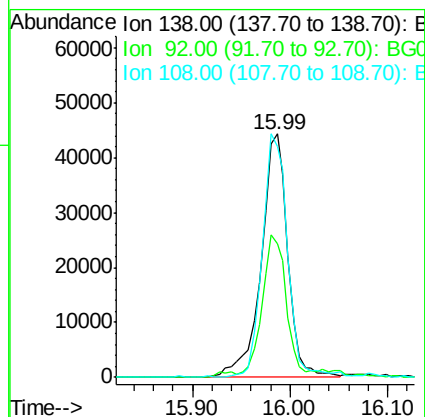
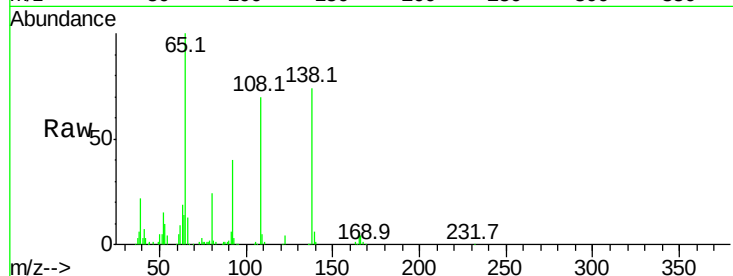




#61
4-Nitroaniline
Concen: 47.312 ng
RT: 15.99 min Scan# 2110
Delta R.T. -0.03 min
Lab File: BG028840.D
Acq: 20 Sep 2017 20:32

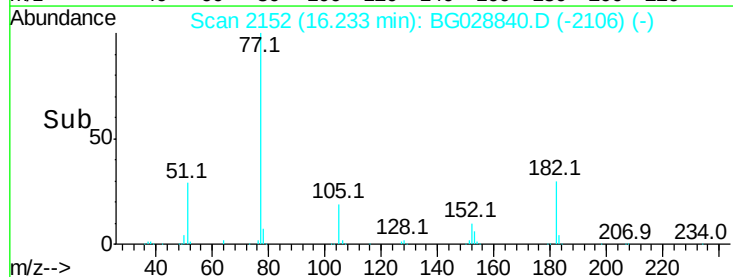
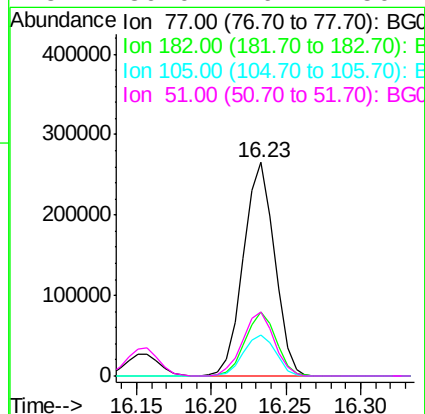
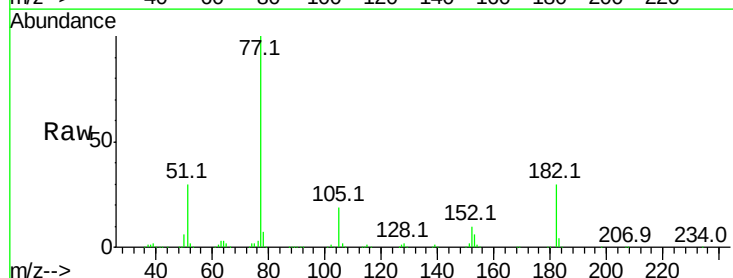
Instrument :
BNA_G
ClientSampleId :
MW-2-EWMSD

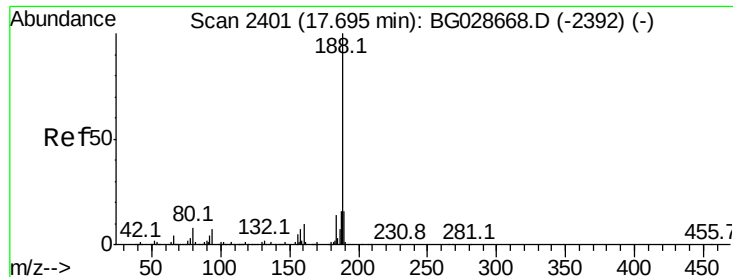
Tot Ion:138 Resp: 84888
Ion Ratio Lower Upper
138 100
92 54.8 44.2 84.2
108 94.6 104.8 144.8#



#62
Azobenzene
Concen: 51.654 ng
RT: 16.23 min Scan# 2152
Delta R.T. -0.03 min
Lab File: BG028840.D
Acq: 20 Sep 2017 20:32

Tgt Ion: 77 Resp: 384243
Ion Ratio Lower Upper
77 100
182 29.8 4.7 44.7
105 19.1 0.0 36.3
51 30.0 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.66 min Scan# 2395

Delta R.T. -0.03 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

Instrument :

BNA_G

ClientSampleId :

MW-2-EWMSD

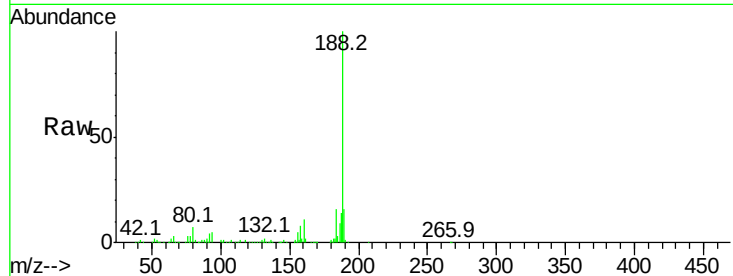
Tot Ion:188 Resp: 263740

Ion Ratio Lower Upper

188 100

94 5.2 5.8 8.8#

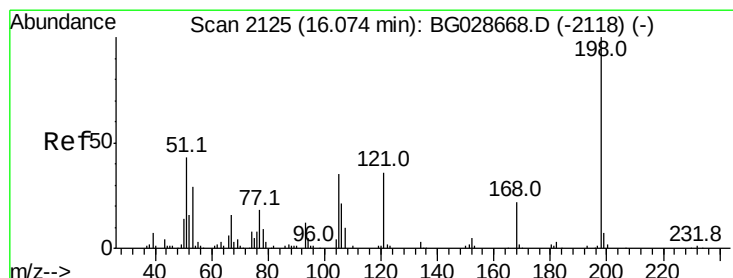
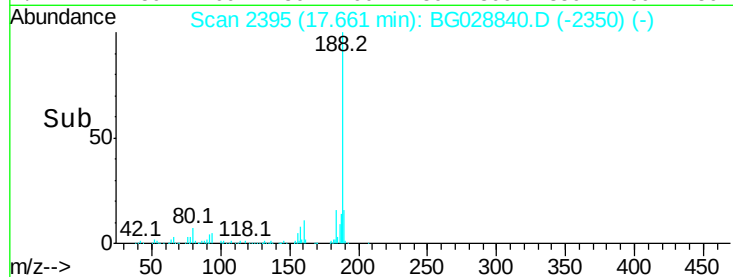
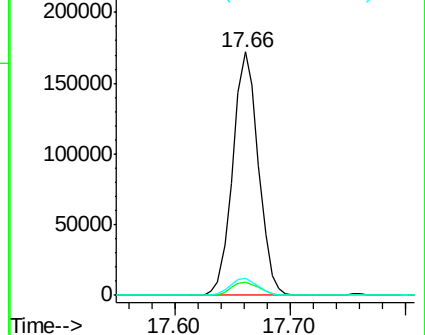
80 7.1 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 46.640 ng

RT: 16.05 min Scan# 2120

Delta R.T. -0.03 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

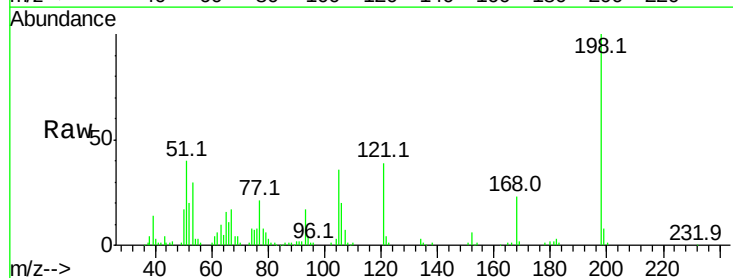
Tgt Ion:198 Resp: 79372

Ion Ratio Lower Upper

198 100

51 40.2 22.6 62.6

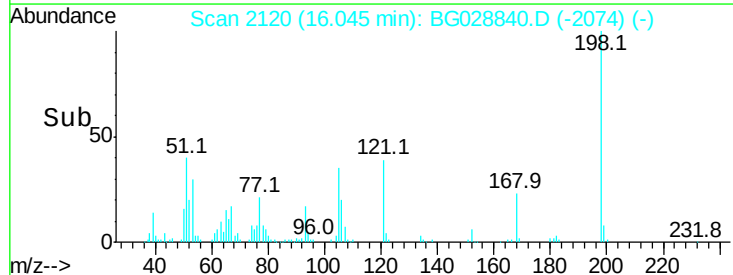
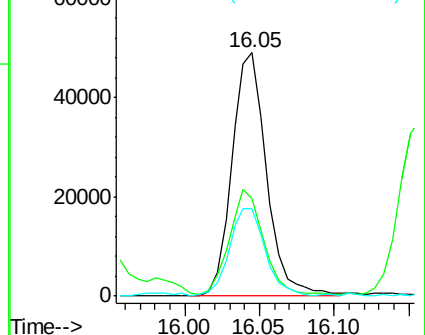
105 35.9 14.4 54.4

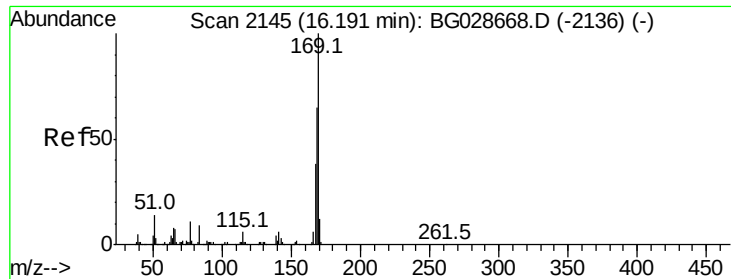


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

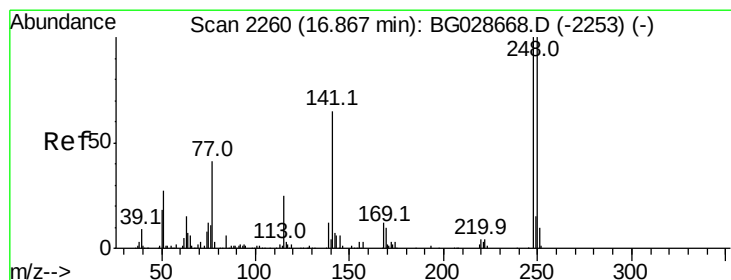
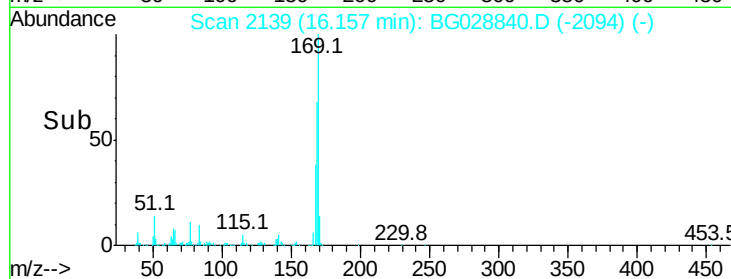
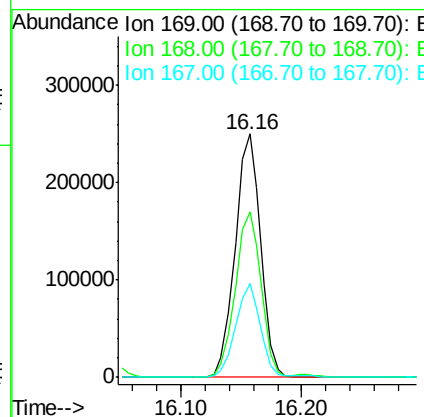
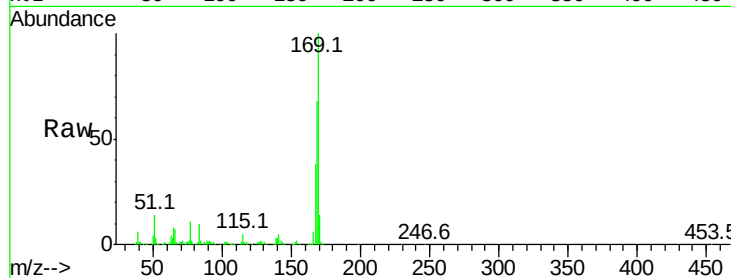




#65
 n-Nitrosodiphenylamine
 Concen: 48.487 ng
 RT: 16.16 min Scan# 2139
 Delta R.T. -0.03 min
 Lab File: BG028840.D
 Acq: 20 Sep 2017 20:32

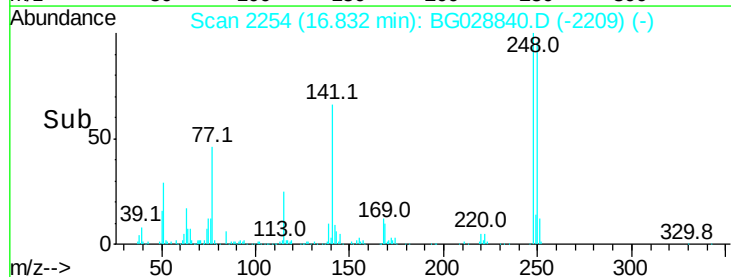
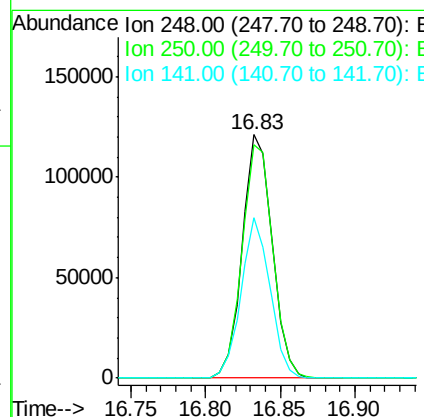
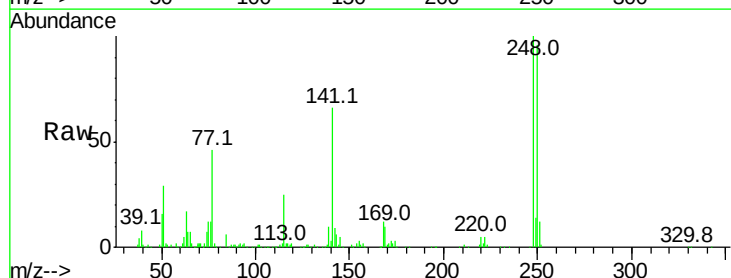
Instrument :
 BNA_G
 ClientSampleId :
 MW-2-EWMSD

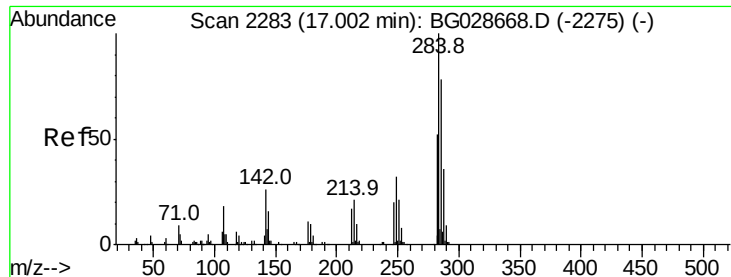
Tot Ion:169 Resp: 366590
 Ion Ratio Lower Upper
 169 100
 168 67.8 55.7 83.5
 167 38.5 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 49.410 ng
 RT: 16.83 min Scan# 2254
 Delta R.T. -0.03 min
 Lab File: BG028840.D
 Acq: 20 Sep 2017 20:32

Tgt Ion:248 Resp: 167677
 Ion Ratio Lower Upper
 248 100
 250 96.1 75.0 112.6
 141 65.7 55.2 82.8

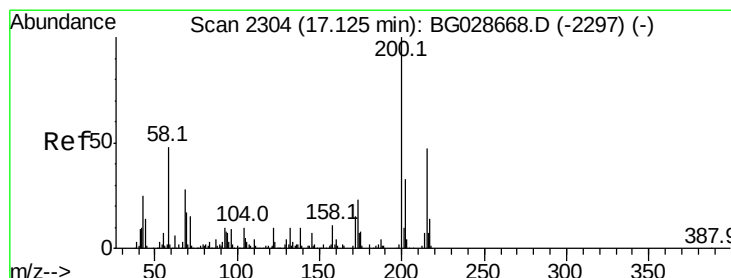
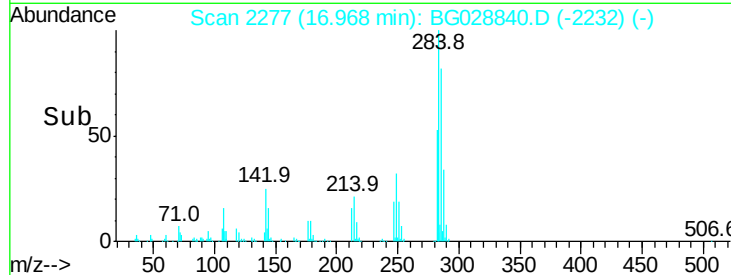
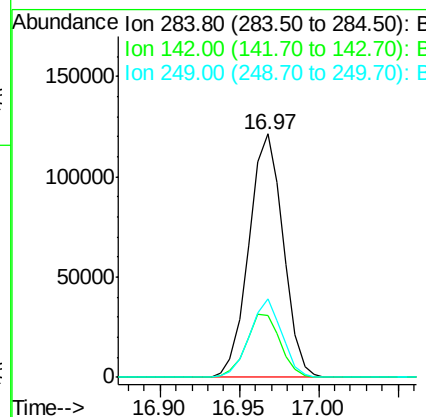
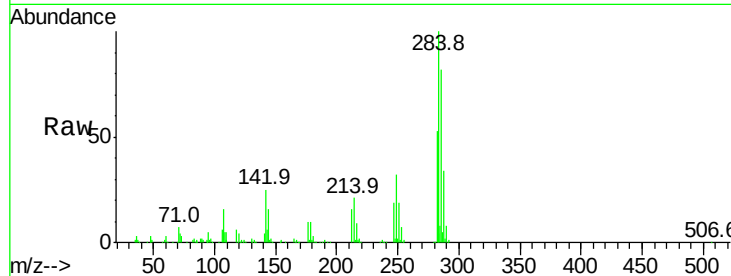




#67
Hexachlorobenzene
Concen: 47.072 ng
RT: 16.97 min Scan# 2277
Delta R.T. -0.03 min
Lab File: BG028840.D
Acq: 20 Sep 2017 20:32

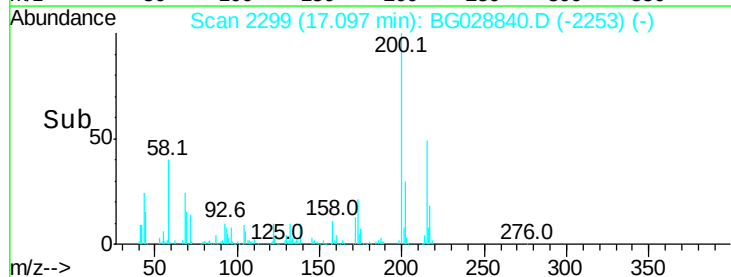
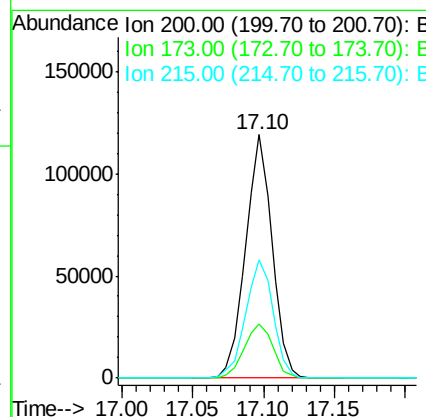
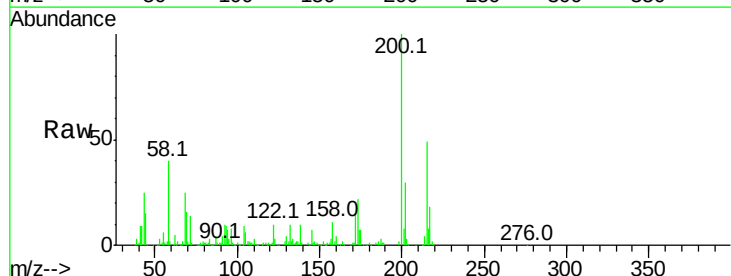
Instrument :
BNA_G
ClientSampleId :
MW-2-EWMSD

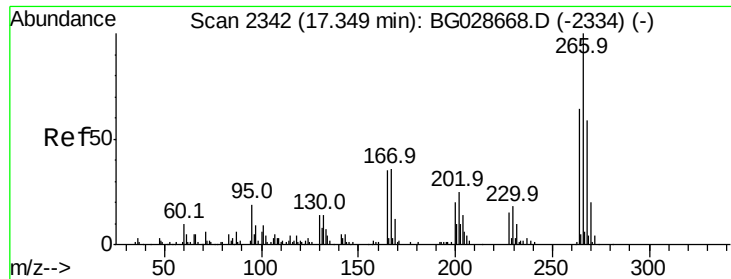
Tot Ion	Ratio	Lower	Upper
284	100		
142	25.4	29.9	44.9#
249	32.0	29.2	43.8



#68
Atrazine
Concen: 48.412 ng
RT: 17.10 min Scan# 2299
Delta R.T. -0.03 min
Lab File: BG028840.D
Acq: 20 Sep 2017 20:32

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.3	3.0	43.0
215	48.7	28.4	68.4

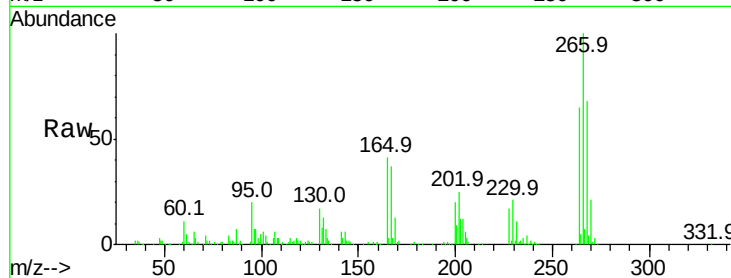




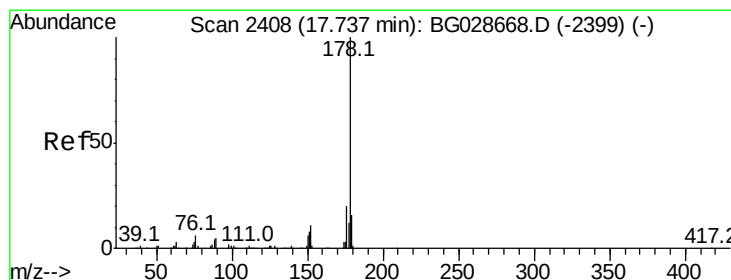
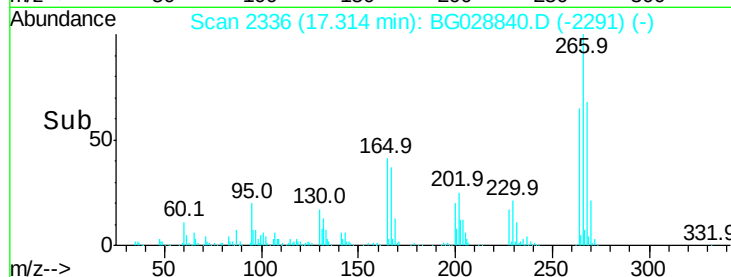
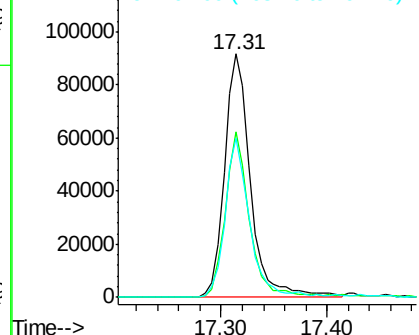
#69
 Pentachlorophenol
 Concen: 89.564 ng
 RT: 17.31 min Scan# 2336
 Delta R.T. -0.03 min
 Lab File: BG028840.D
 Acq: 20 Sep 2017 20:32

Instrument :
 BNA_G
 ClientSampleId :
 MW-2-EWMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.2	48.6	72.8
264	65.2	50.1	75.1

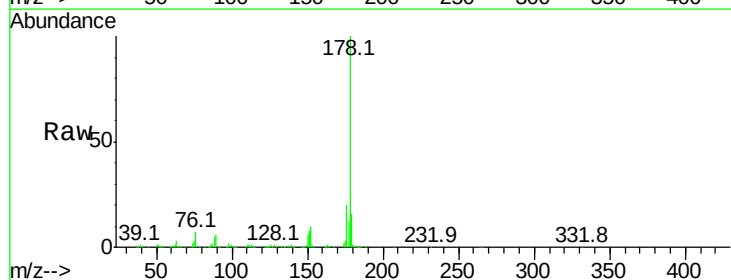


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

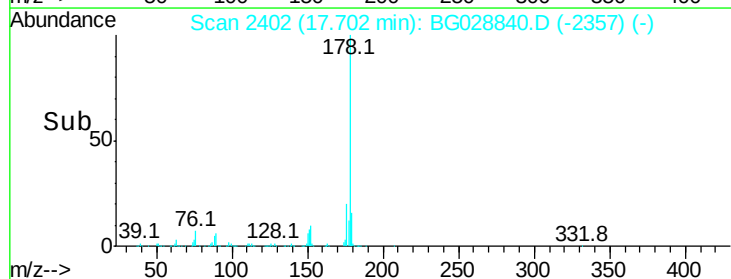
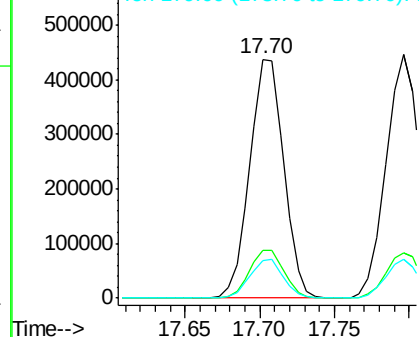


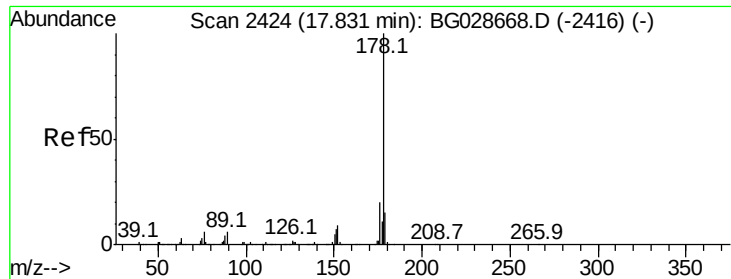
#70
 Phenanthrene
 Concen: 50.982 ng
 RT: 17.70 min Scan# 2402
 Delta R.T. -0.03 min
 Lab File: BG028840.D
 Acq: 20 Sep 2017 20:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	17.7	26.5
179	16.0	15.0	22.6



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





#71

Anthracene

Concen: 51.071 ng

RT: 17.80 min Scan# 2418

Delta R.T. -0.03 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

Instrument :

BNA_G

ClientSampleId :

MW-2-EWMSD

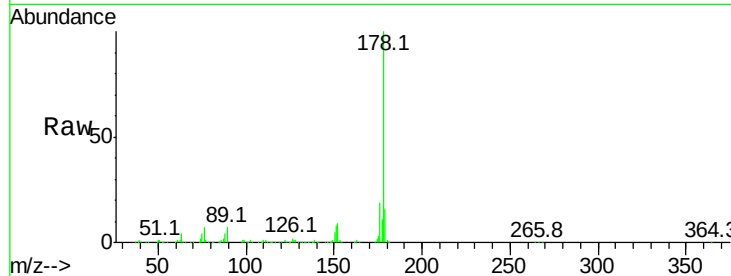
Tot Ion:178 Resp: 695805

Ion Ratio Lower Upper

178 100

176 18.8 16.4 24.6

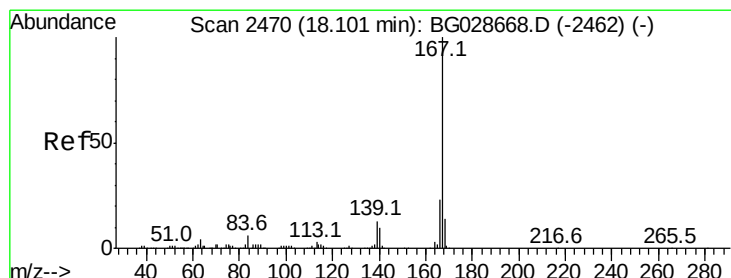
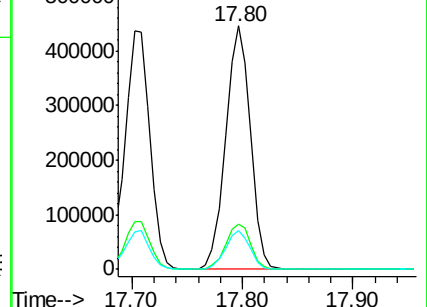
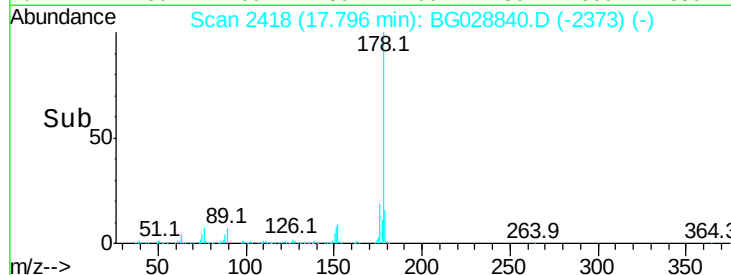
179 15.9 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 49.486 ng

RT: 18.07 min Scan# 2464

Delta R.T. -0.03 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

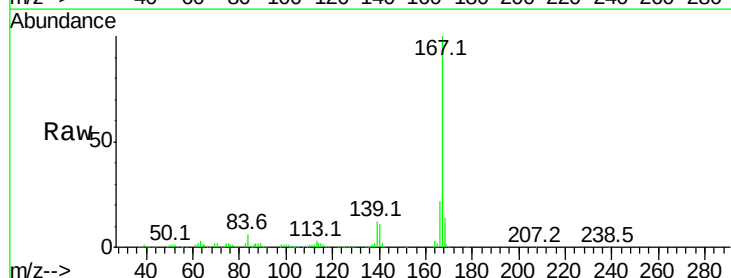
Tgt Ion:167 Resp: 607215

Ion Ratio Lower Upper

167 100

166 22.3 20.2 30.2

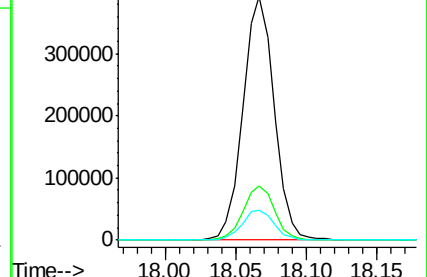
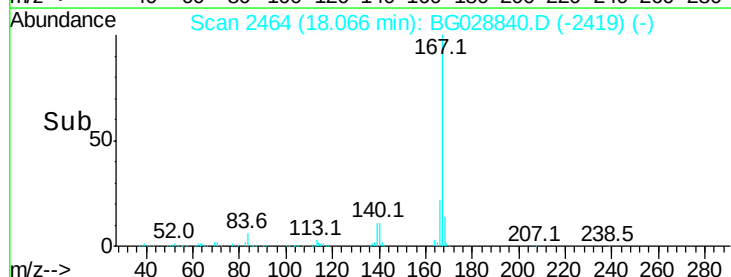
139 12.4 12.8 19.2#

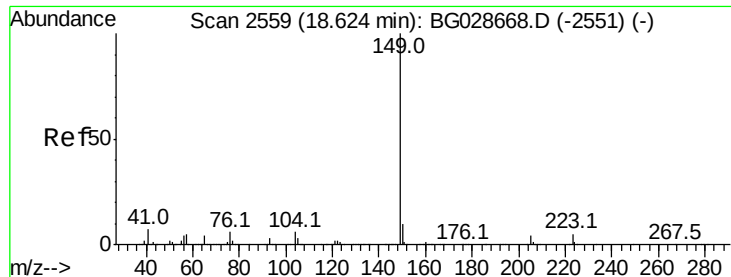


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

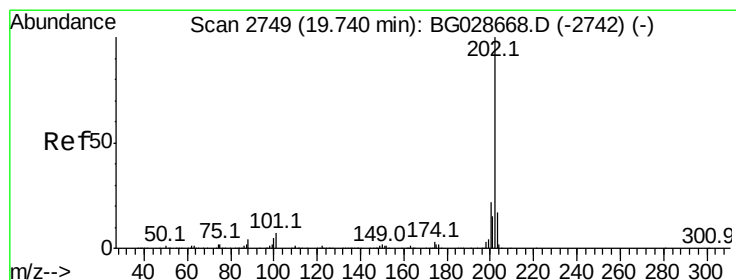
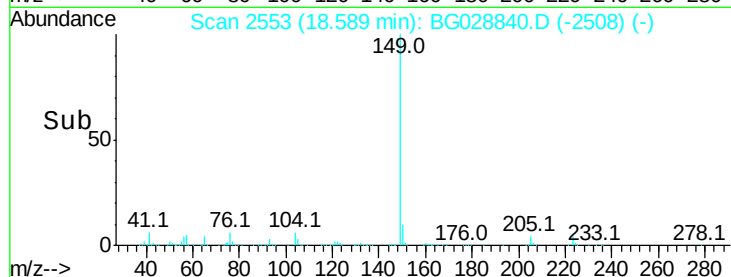
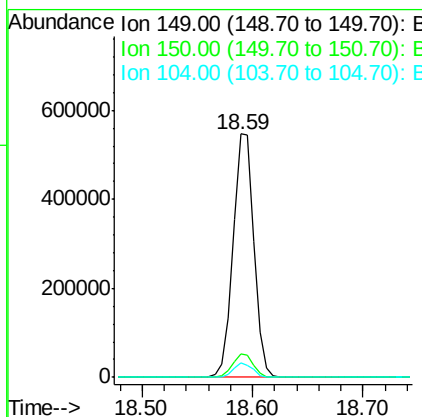
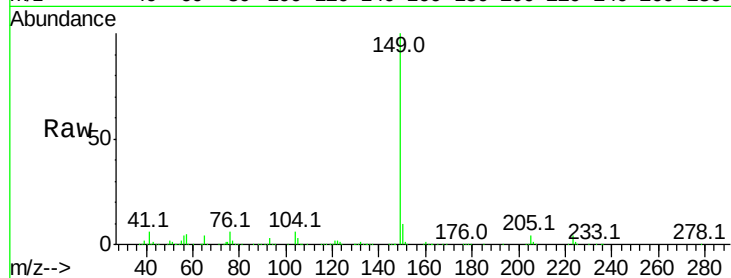




#73
Di-n-butylphthalate
Concen: 48.213 ng
RT: 18.59 min Scan# 2553
Delta R.T. -0.03 min
Lab File: BG028840.D
Acq: 20 Sep 2017 20:32

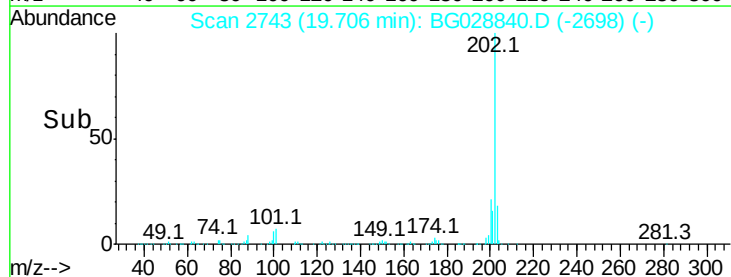
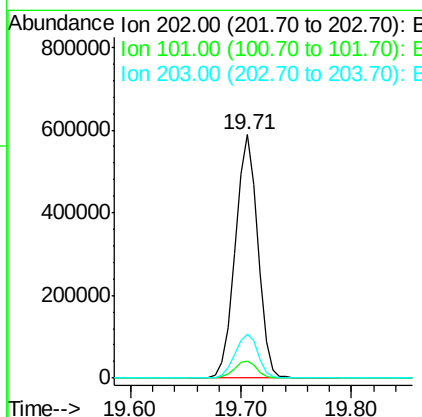
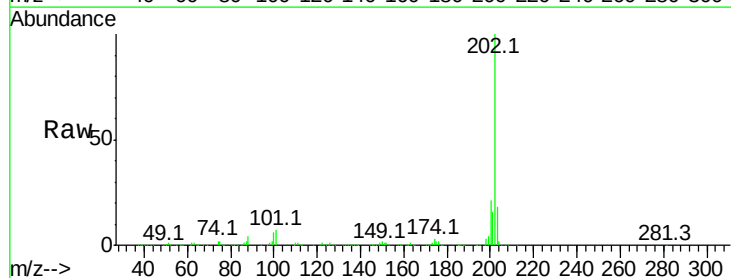
Instrument :
BNA_G
ClientSampleId :
MW-2-EWMSD

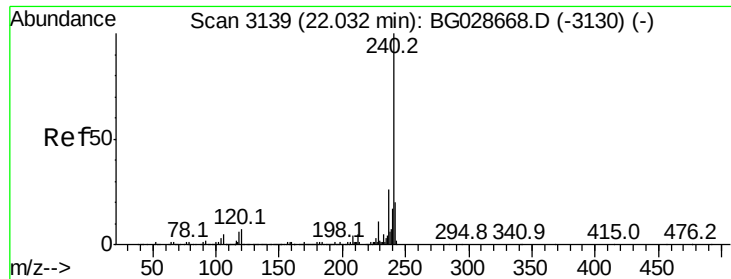
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.7	9.1	13.7
104	5.7	6.7	10.1



#74
Fluoranthene
Concen: 51.121 ng
RT: 19.71 min Scan# 2743
Delta R.T. -0.03 min
Lab File: BG028840.D
Acq: 20 Sep 2017 20:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	30.1
203	17.8	1.3	41.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.99 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

Instrument :

BNA_G

ClientSampleId :

MW-2-EWMSD

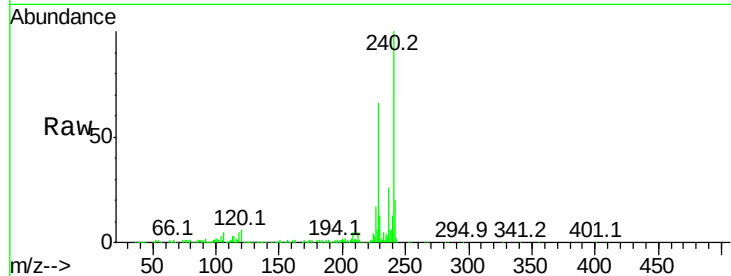
Tot Ion:240 Resp: 304392

Ion Ratio Lower Upper

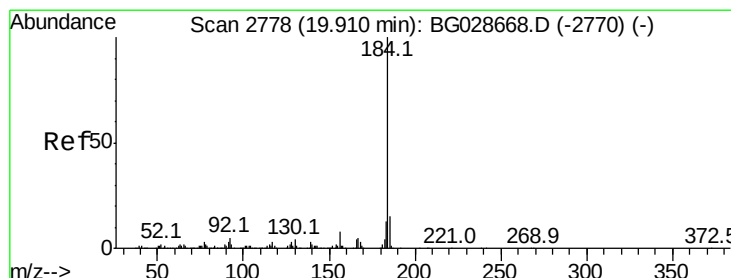
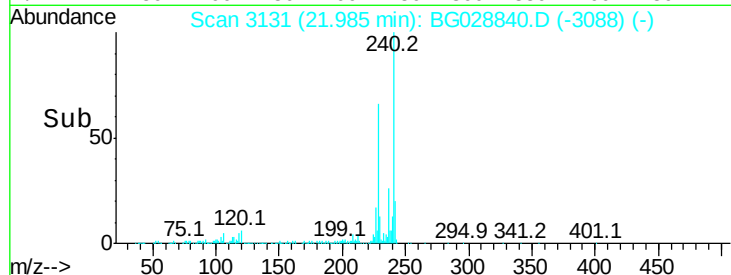
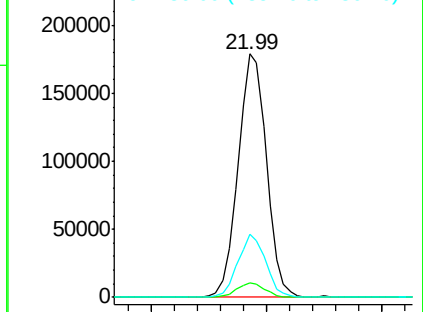
240 100

120 6.1 5.7 8.5

236 25.9 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.689 ng

RT: 19.88 min Scan# 2772

Delta R.T. -0.03 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

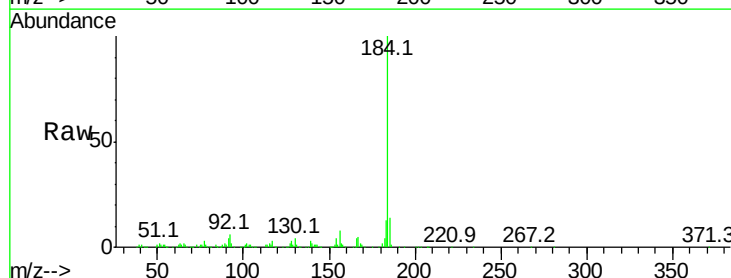
Tgt Ion:184 Resp: 258035

Ion Ratio Lower Upper

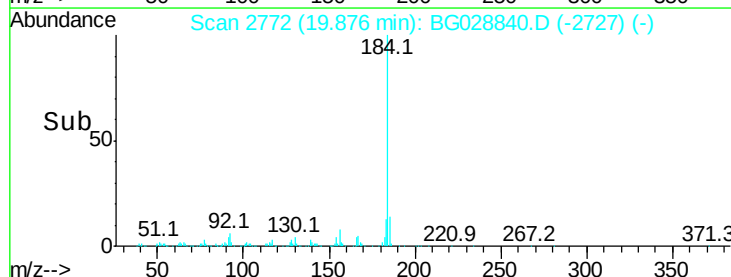
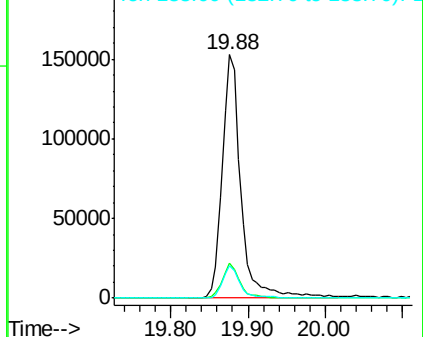
184 100

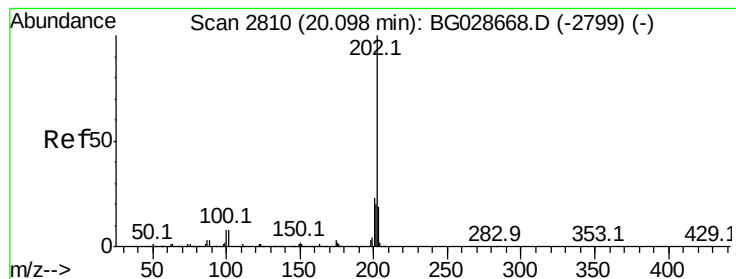
185 14.4 13.0 19.6

183 13.2 11.0 16.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 49.732 ng

RT: 20.07 min Scan# 2805

Delta R.T. -0.03 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

Instrument :

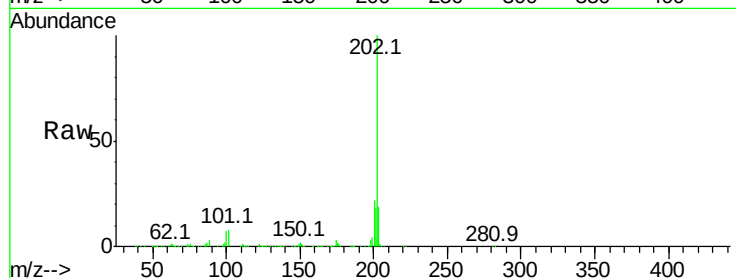
BNA_G

ClientSampleId :

MW-2-EWMSD

Tot Ion:202 Resp: 873165

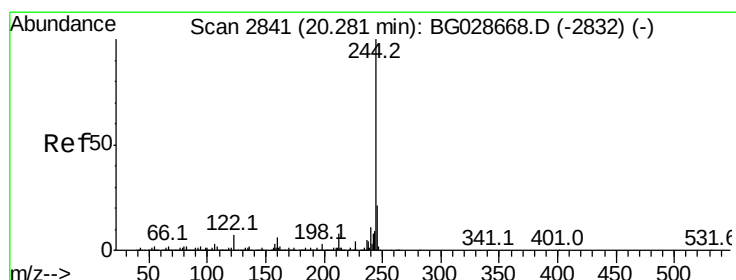
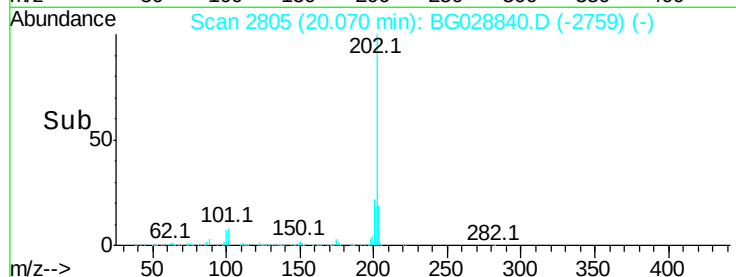
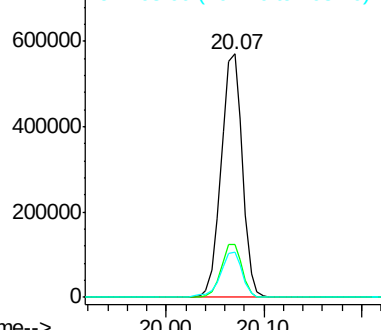
Ion	Ratio	Lower	Upper
202	100		
200	21.6	19.6	29.4
203	18.7	15.8	23.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.642 ng

RT: 20.25 min Scan# 2835

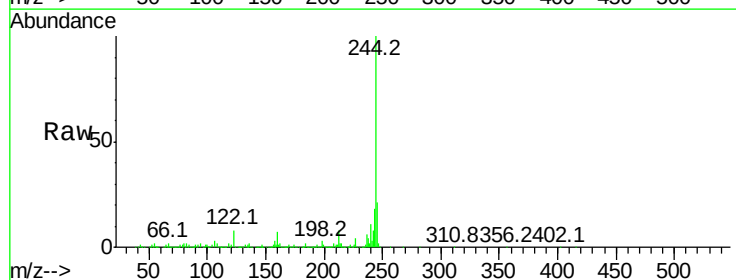
Delta R.T. -0.03 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

Tgt Ion:244 Resp: 1279507

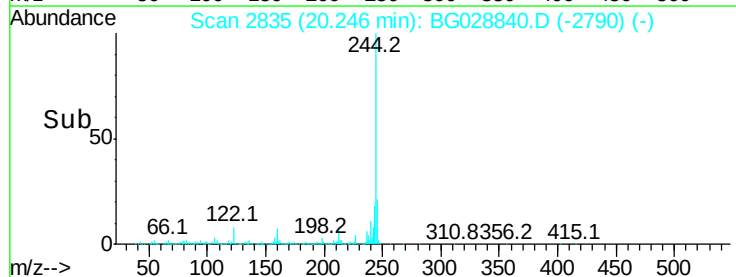
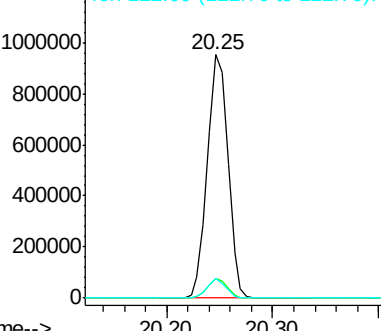
Ion	Ratio	Lower	Upper
244	100		
212	7.9	10.0	15.0#
122	8.0	8.6	12.8#

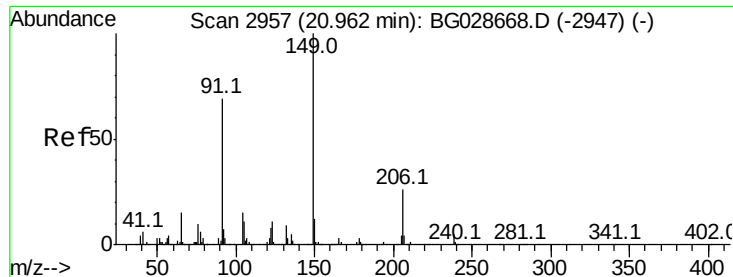


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

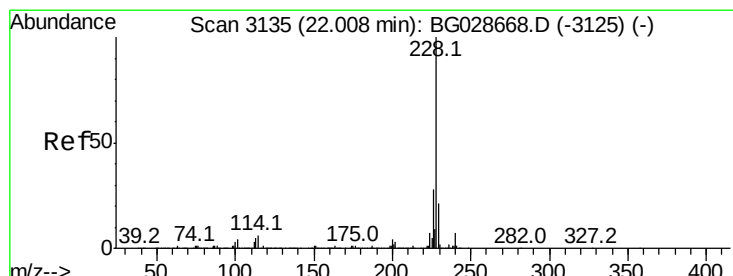
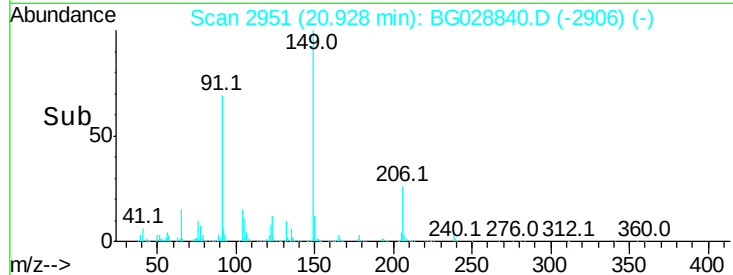
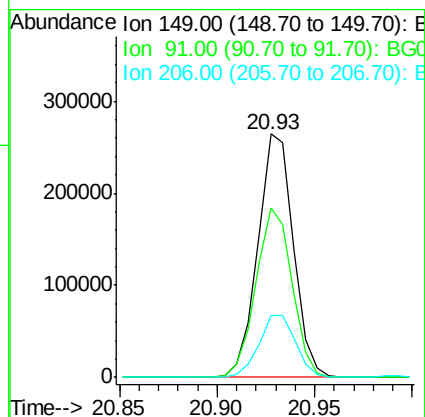
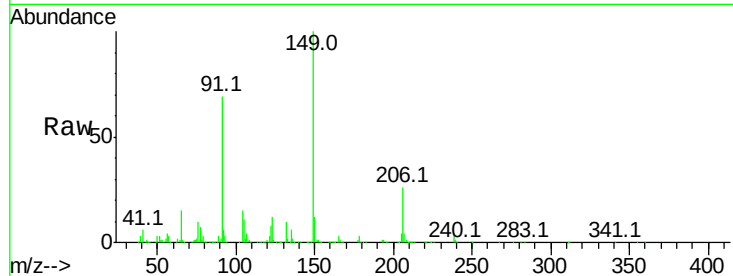




#79
Butylbenzylphthalate
Concen: 46.983 ng
RT: 20.93 min Scan# 2951
Delta R.T. -0.03 min
Lab File: BG028840.D
Acq: 20 Sep 2017 20:32

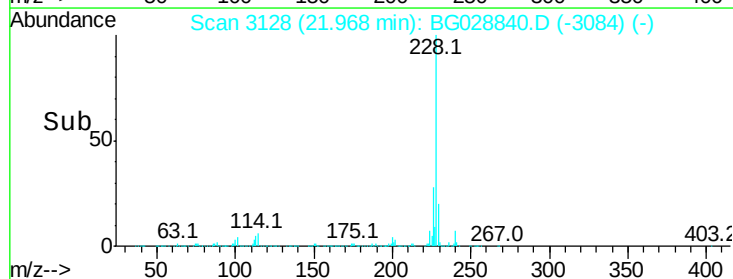
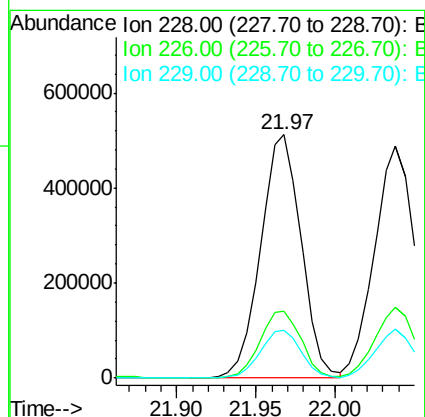
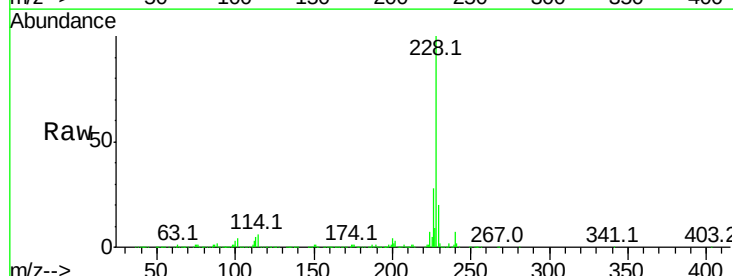
Instrument :
BNA_G
ClientSampleId :
MW-2-EWMSD

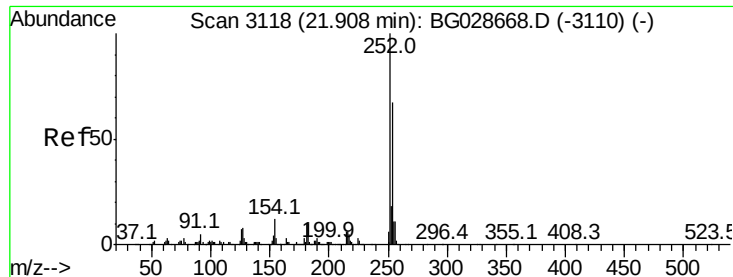
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.4	63.5	95.3
206	25.7	21.0	31.6



#80
Benzo(a)anthracene
Concen: 49.601 ng
RT: 21.97 min Scan# 3128
Delta R.T. -0.04 min
Lab File: BG028840.D
Acq: 20 Sep 2017 20:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	24.9	37.3
229	19.8	18.2	27.2

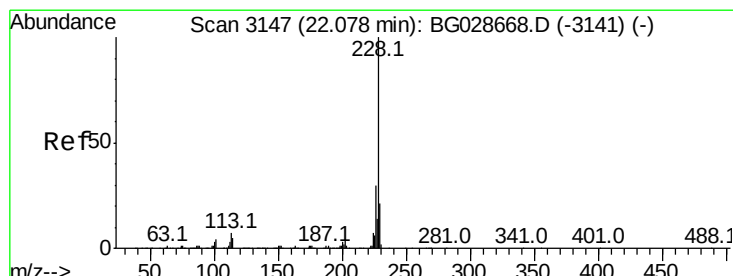
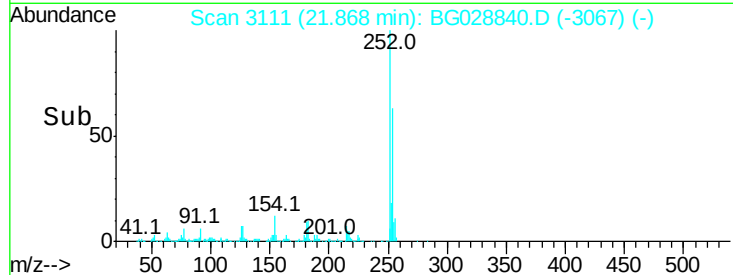
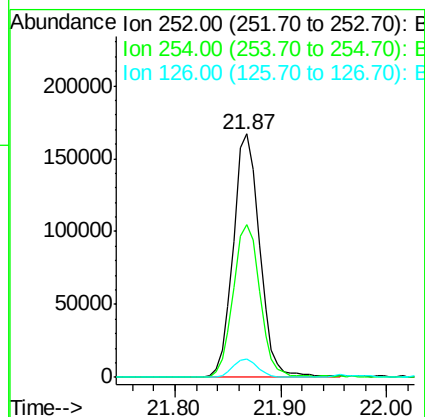
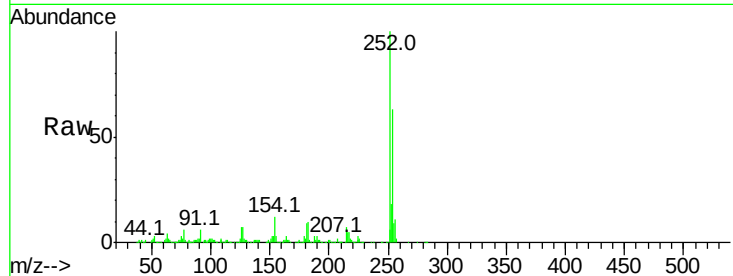




#81
 3,3'-Dichlorobenzidine
 Concen: 38.866 ng
 RT: 21.87 min Scan# 3111
 Delta R.T. -0.04 min
 Lab File: BG028840.D
 Acq: 20 Sep 2017 20:32

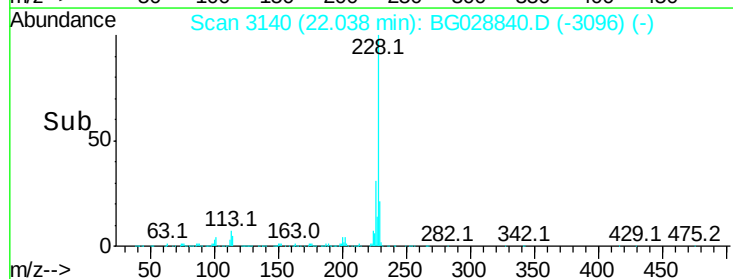
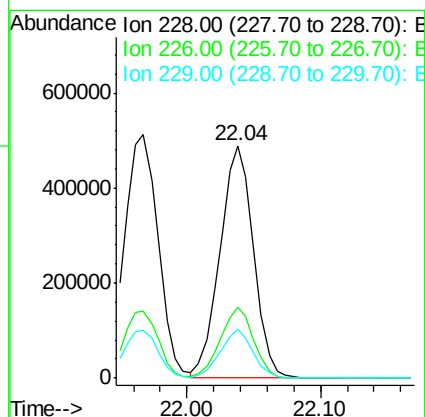
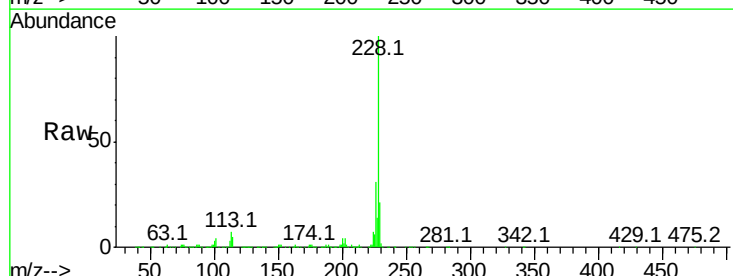
Instrument :
 BNA_G
 ClientSampleId :
 MW-2-EWMSD

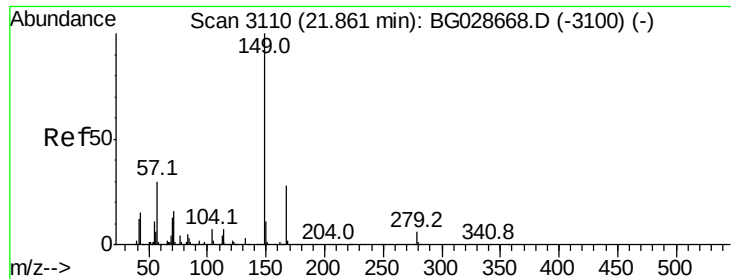
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.8	53.1	79.7
126	7.4	7.0	10.4



#82
 Chrysene
 Concen: 49.294 ng
 RT: 22.04 min Scan# 3140
 Delta R.T. -0.04 min
 Lab File: BG028840.D
 Acq: 20 Sep 2017 20:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	27.0	40.4
229	20.9	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.022 ng

RT: 21.82 min Scan# 3103

Delta R.T. -0.04 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

Instrument :

BNA_G

ClientSampleId :

MW-2-EWMSD

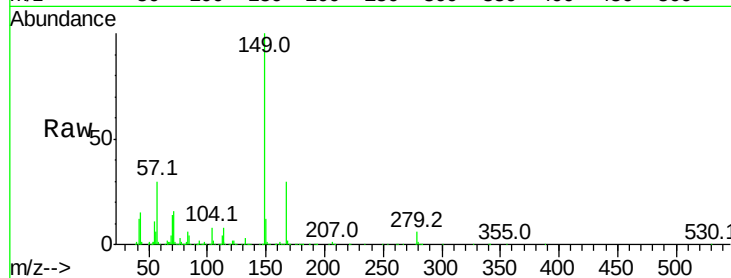
Tot Ion:149 Resp: 463939

Ion Ratio Lower Upper

149 100

167 29.6 23.7 35.5

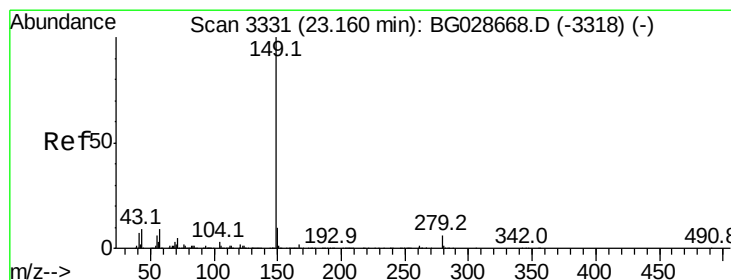
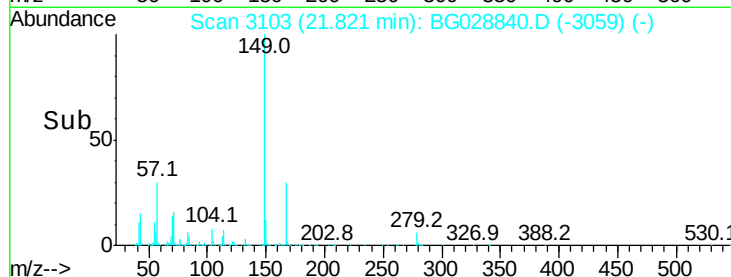
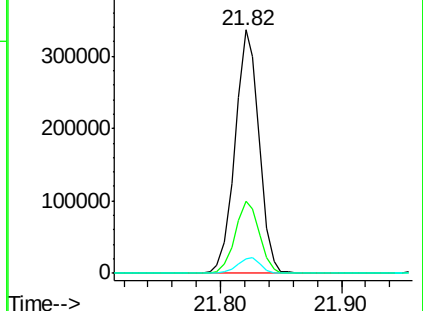
279 5.7 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.088 ng

RT: 23.11 min Scan# 3322

Delta R.T. -0.05 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

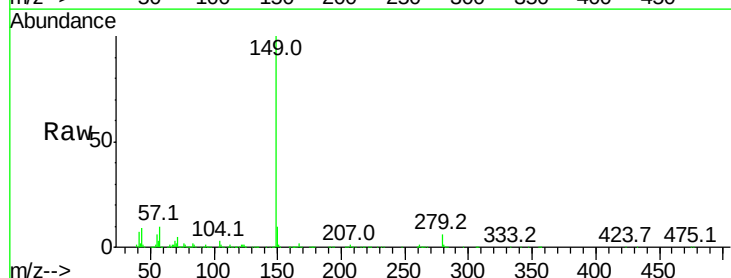
Tgt Ion:149 Resp: 811740

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

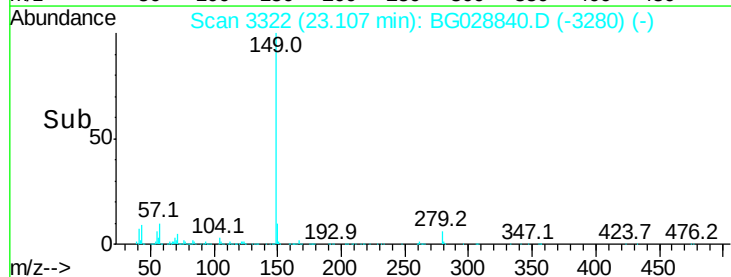
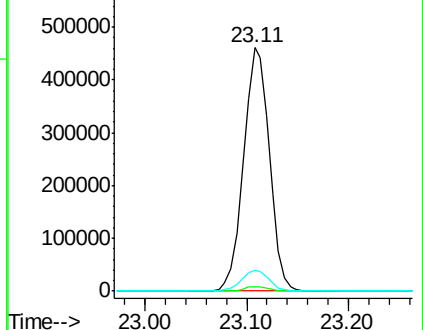
43 8.8 11.8 17.6#

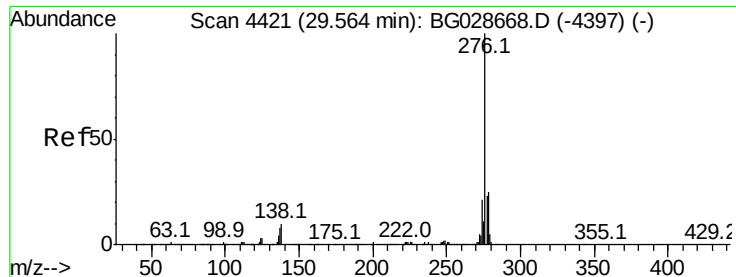


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

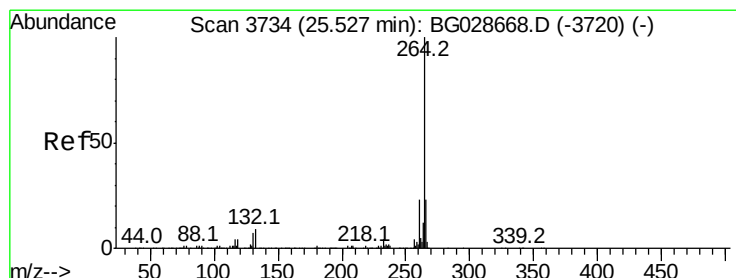
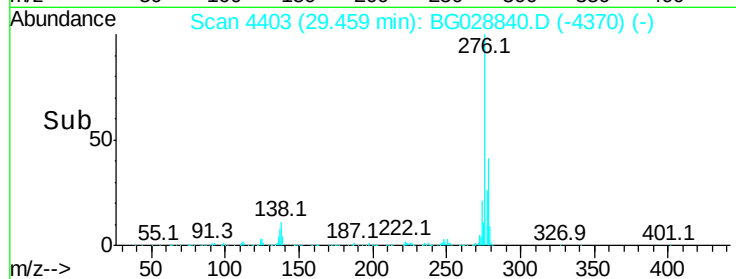
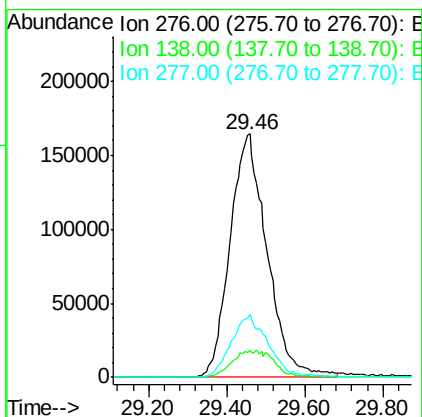
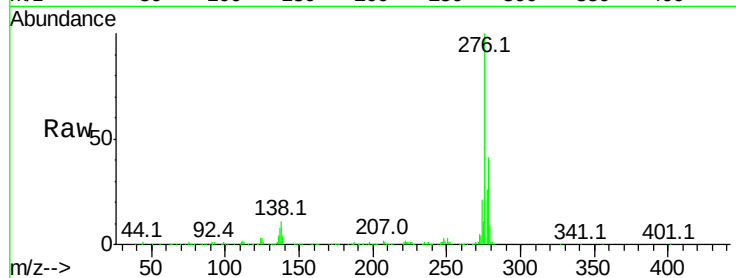




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.419 ng
 RT: 29.46 min Scan# 4403
 Delta R.T. -0.10 min
 Lab File: BG028840.D
 Acq: 20 Sep 2017 20:32

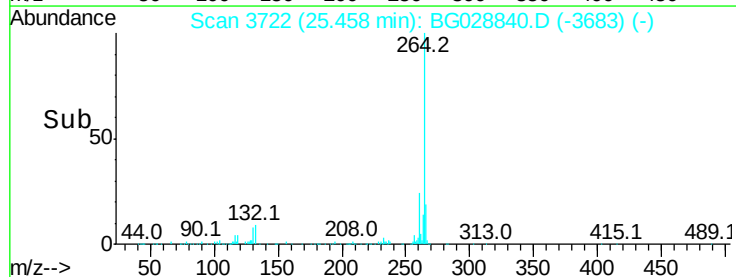
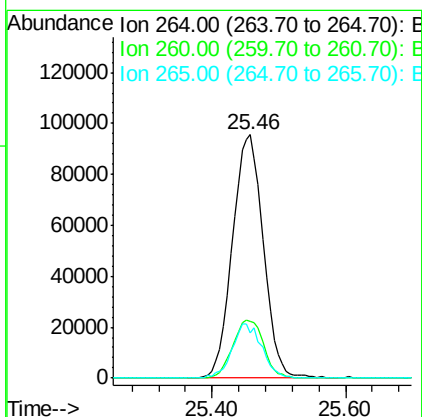
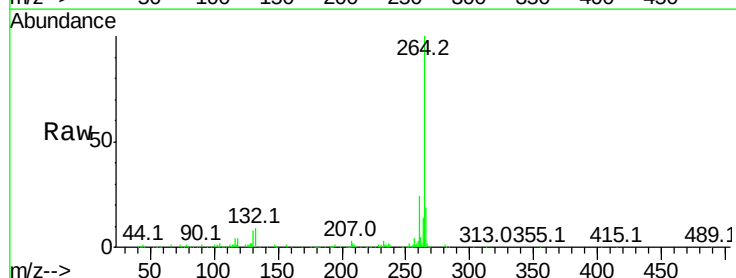
Instrument :
 BNA_G
 ClientSampleId :
 MW-2-EWMSD

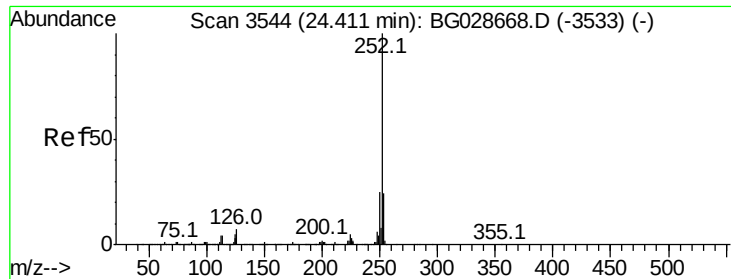
Tot Ion:276 Resp: 1081539
 Ion Ratio Lower Upper
 276 100
 138 6.8 4.7 7.1
 277 25.5 20.6 31.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.46 min Scan# 3722
 Delta R.T. -0.07 min
 Lab File: BG028840.D
 Acq: 20 Sep 2017 20:32

Tgt Ion:264 Resp: 305788
 Ion Ratio Lower Upper
 264 100
 260 23.6 21.8 32.8
 265 18.8 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 50.581 ng

RT: 24.35 min Scan# 3533

Delta R.T. -0.06 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

Instrument :

BNA_G

ClientSampleId :

MW-2-EWMSD

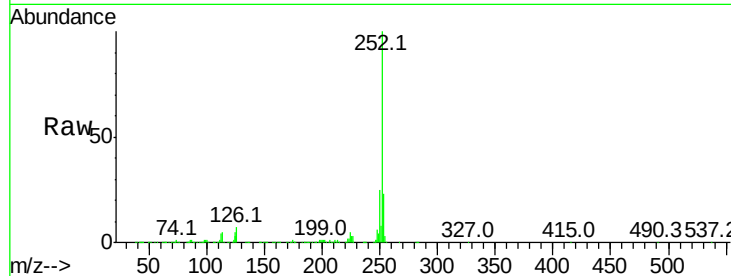
Tot Ion:252 Resp: 926670

Ion Ratio Lower Upper

252 100

253 23.0 18.7 28.1

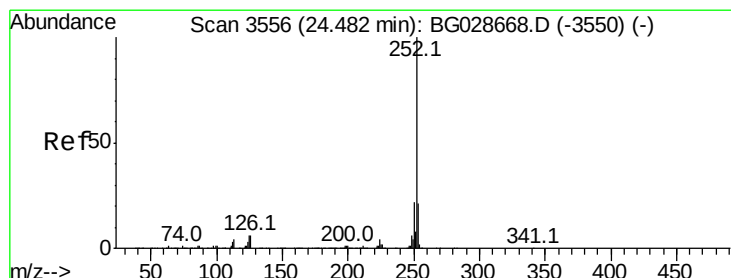
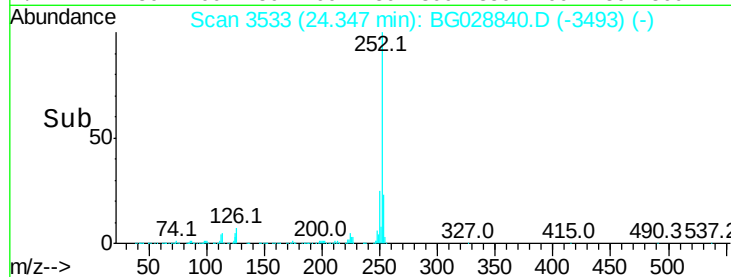
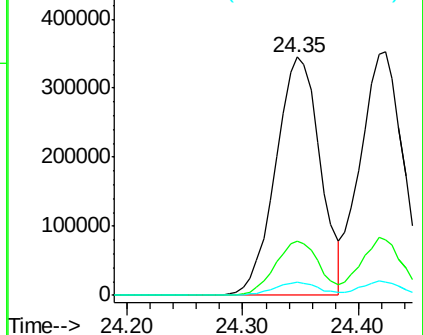
125 5.3 5.3 7.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 49.659 ng

RT: 24.42 min Scan# 3546

Delta R.T. -0.06 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

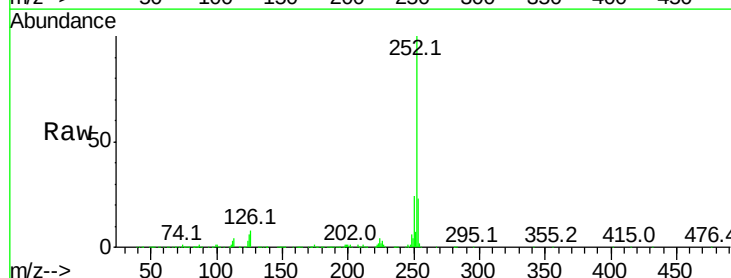
Tgt Ion:252 Resp: 908748

Ion Ratio Lower Upper

252 100

253 22.7 20.2 30.2

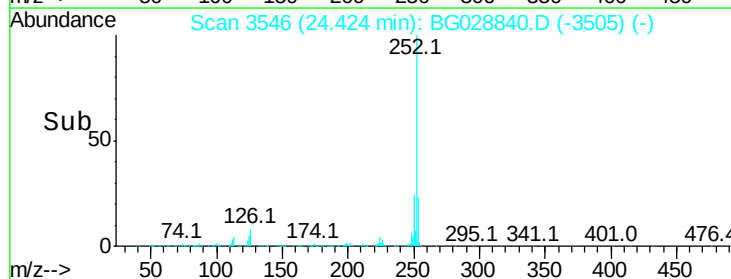
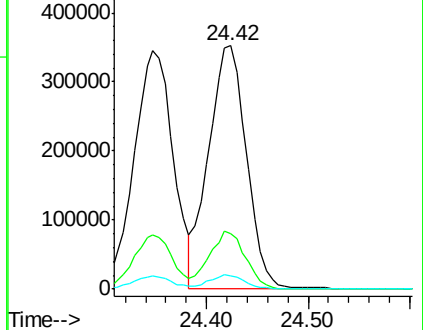
125 5.5 5.1 7.7

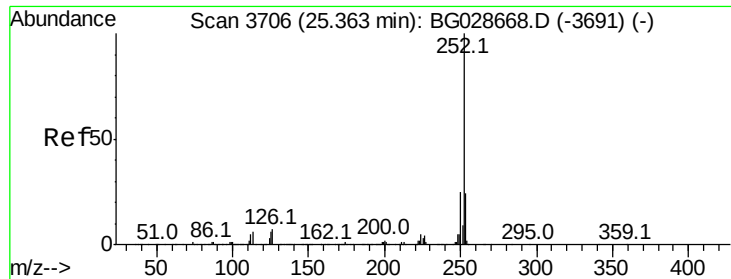


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 50.936 ng

RT: 25.29 min Scan# 3694

Delta R.T. -0.07 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

Instrument :

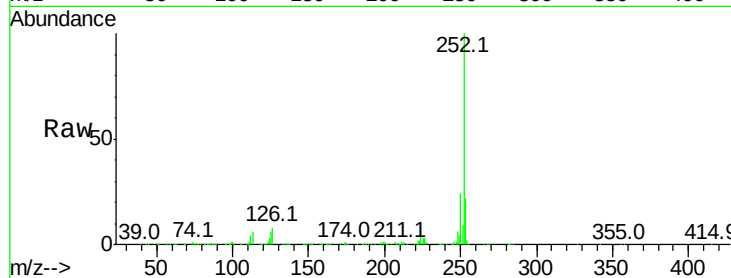
BNA_G

ClientSampleId :

MW-2-EWMSD

Tot Ion:252 Resp: 885760

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.2	28.8
125	6.0	5.4	8.0

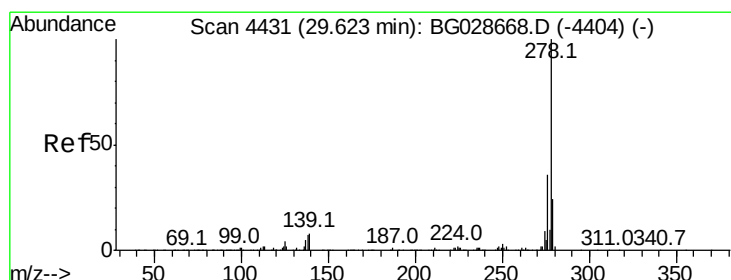
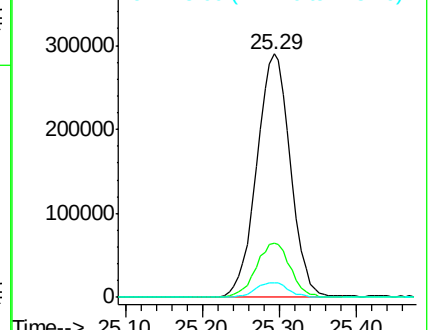
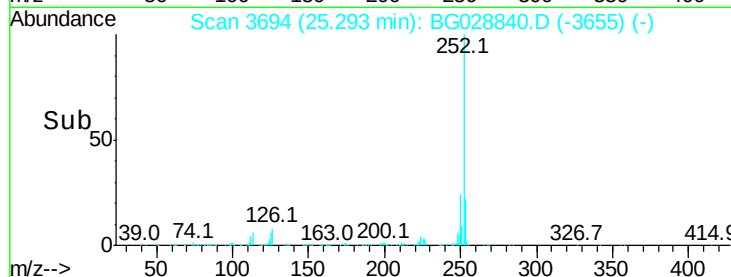


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 49.378 ng

RT: 29.50 min Scan# 4410

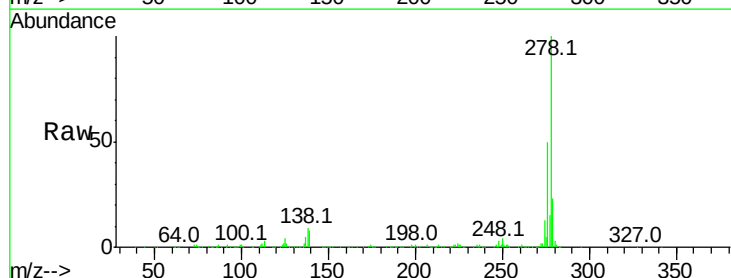
Delta R.T. -0.12 min

Lab File: BG028840.D

Acq: 20 Sep 2017 20:32

Tgt Ion:278 Resp: 895217

Ion	Ratio	Lower	Upper
278	100		
139	7.8	7.7	11.5
279	23.1	19.1	28.7

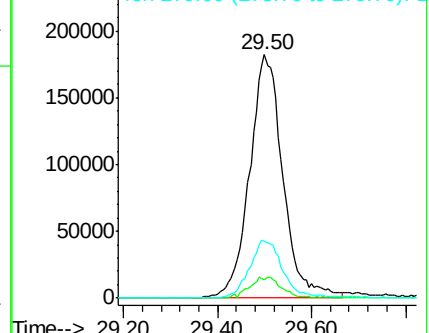
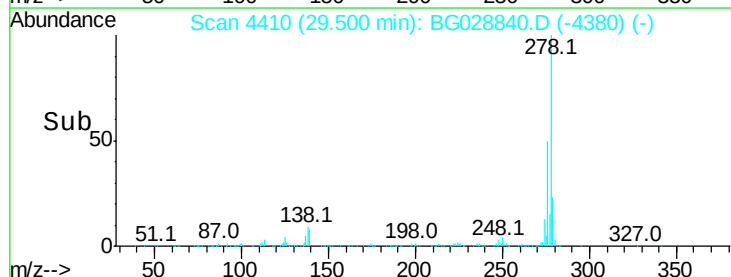


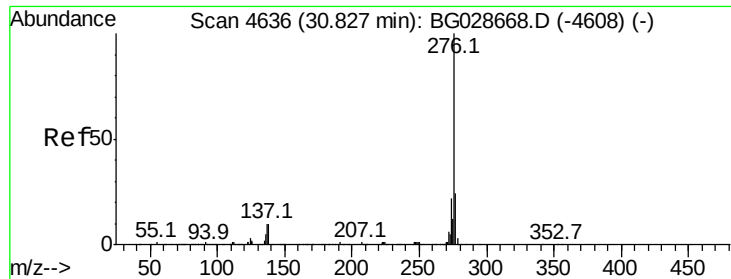
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

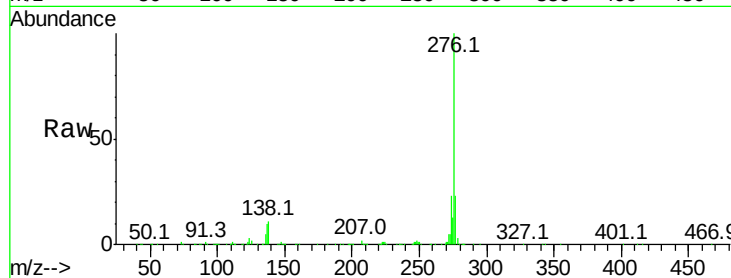




#91
 Benzo(a,h,i)perylene
 Concen: 49.487 ng
 RT: 30.70 min Scan# 4614
 Delta R.T. -0.13 min
 Lab File: BG028840.D
 Acq: 20 Sep 2017 20:32

Instrument :
 BNA_G
 ClientSampleId :
 MW-2-EWMSD

Tot Ion:276	Resp:	875416
Ion	Ratio	Lower Upper
276	100	
277	22.6	18.6 27.8
138	10.7	8.1 12.1



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

