

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028733.D
 Acq On : 14 Sep 2017 15:22
 Operator : SJ/JU
 Sample : I5187-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170600-COMP-AMS

Quant Time: Sep 15 07:48:13 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	8.33	152	24948	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	107852	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	87143	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	258132	20.00	ng	0.00
75) Chrysene-d12	22.02	240	290618	20.00	ng	0.00
86) Perylene-d12	25.52	264	300999	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.90	112	228292	150.99	ng	0.00
7) Phenol-d6	7.48	99	329334	144.67	ng	0.00
23) Nitrobenzene-d5	9.50	82	198860	88.20	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	227541	157.87	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	488367	74.73	ng	0.00
78) Terphenyl-d14	20.28	244	966716	70.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.84	88	23334	38.110	ng	# 94
3) Pyridine	4.23	79	66090	37.840	ng	93
4) n-Nitrosodimethylamine	4.14	42	35029	44.089	ng	# 80
6) Aniline	7.65	93	107057	40.409	ng	93
8) 2-Chlorophenol	7.89	128	79790	47.339	ng	96
9) Benzaldehyde	7.47	77	49067	34.742	ng	90
10) Phenol	7.51	94	124188	51.692	ng	87
11) bis(2-Chloroethyl)ether	7.74	93	74286	43.068	ng	88
12) 1,3-Dichlorobenzene	8.22	146	74535	41.068	ng	93
13) 1,4-Dichlorobenzene	8.36	146	74808	40.085	ng	96
14) 1,2-Dichlorobenzene	8.69	146	75085	40.724	ng	92
15) Benzyl Alcohol	8.57	79	86939	48.923	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.85	45	128765	41.076	ng	97
17) 2-Methylphenol	8.77	107	77950	49.653	ng	93
18) Hexachloroethane	9.42	117	26735	39.086	ng	92
19) n-Nitroso-di-n-propylamine	9.13	70	70324	43.578	ng	# 86
20) 3+4-Methylphenols	9.09	107	112350	51.165	ng	91
22) Acetophenone	9.16	105	127639	40.475	ng	# 86
24) Nitrobenzene	9.54	77	104492	41.855	ng	# 88
25) Isophorone	10.06	82	197279	43.245	ng	97
26) 2-Nitrophenol	10.26	139	47167	44.392	ng	87
27) 2,4-Dimethylphenol	10.30	122	90129	46.406	ng	97
28) bis(2-Chloroethoxy)methane	10.53	93	109994	44.400	ng	96
29) 2,4-Dichlorophenol	10.80	162	96826	50.106	ng	95
30) 1,2,4-Trichlorobenzene	11.01	180	90103	40.873	ng	92
31) Naphthalene	11.20	128	240465	42.689	ng	99
32) Benzoic acid	10.42	122	3174	8.095	ng	# 69
33) 4-Chloroaniline	11.31	127	84459	35.792	ng	# 91
34) Hexachlorobutadiene	11.47	225	62917	38.749	ng	98
35) Caprolactam	12.09	113	28615	41.294	ng	# 78
36) 4-Chloro-3-methylphenol	12.41	107	121835	48.445	ng	97
37) 2-Methylnaphthalene	12.78	142	201689	47.957	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	129387	36.111	ng	# 95
40) Hexachlorocyclopentadiene	13.12	237	104504	75.546	ng	92

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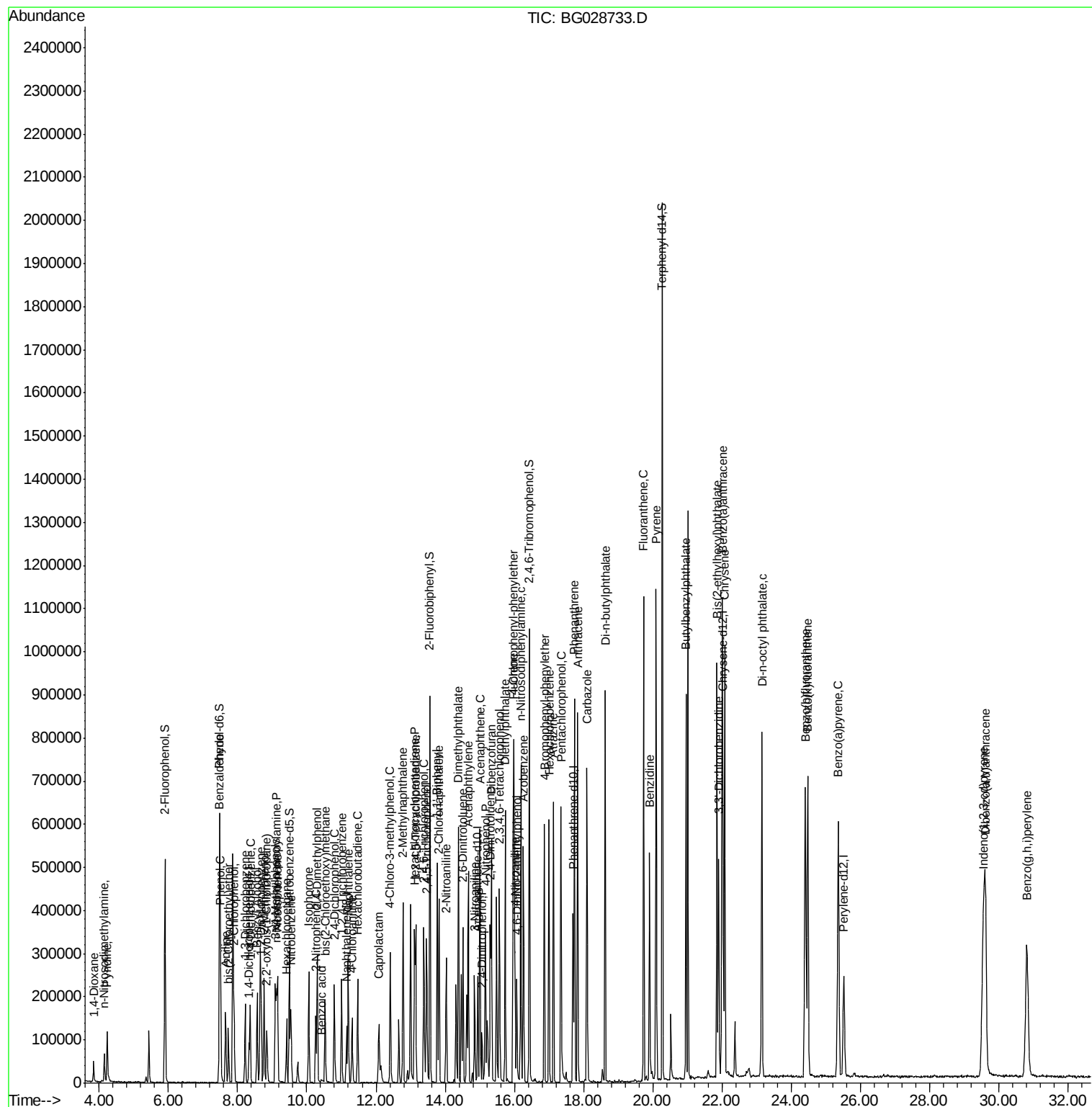
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.38	196	95554	42.018	ng	95
43) 2,4,5-Trichlorophenol	13.46	196	104672	45.806	ng	94
45) 1,1'-Biphenyl	13.77	154	277136	38.410	ng	95
46) 2-Chloronaphthalene	13.82	162	218439	41.508	ng	97
47) 2-Nitroaniline	14.03	65	94485	48.309	ng	92
48) Acenaphthylene	14.67	152	362545	43.121	ng	98
49) Dimethylphthalate	14.38	163	397438	54.388	ng	99
50) 2,6-Dinitrotoluene	14.52	165	77537	47.686	ng	# 76
51) Acenaphthene	15.00	154	218628	42.807	ng	97
52) 3-Nitroaniline	14.85	138	61533	42.794	ng	84
53) 2,4-Dinitrophenol	15.07	184	32733	42.385	ng	97
54) Dibenzofuran	15.34	168	389116	47.775	ng	94
55) 4-Nitrophenol	15.16	139	102254	97.064	ng	# 76
56) 2,4-Dinitrotoluene	15.30	165	115967	50.723	ng	# 85
57) Fluorene	15.98	166	343177	47.196	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.57	232	111355	55.291	ng	# 93
59) Diethylphthalate	15.74	149	355095	47.286	ng	99
60) 4-Chlorophenyl-phenylether	15.97	204	192267	46.436	ng	93
61) 4-Nitroaniline	16.02	138	78876	51.779	ng	# 84
62) Azobenzene	16.26	77	319582	50.601	ng	91
64) 4,6-Dinitro-2-methylphenol	16.07	198	62798	37.702	ng	97
65) n-Nitrosodiphenylamine	16.18	169	303311	40.989	ng	99
66) 4-Bromophenyl-phenylether	16.87	248	138523	41.706	ng	93
67) Hexachlorobenzene	17.00	284	146730	38.814	ng	# 87
68) Atrazine	17.13	200	138927	43.726	ng	98
69) Pentachlorophenol	17.35	266	144490	84.595	ng	94
70) Phenanthrene	17.73	178	577395	43.741	ng	96
71) Anthracene	17.83	178	595633	44.668	ng	97
72) Carbazole	18.10	167	523772	43.613	ng	95
73) Di-n-butylphthalate	18.62	149	621154	42.182	ng	# 94
74) Fluoranthene	19.73	202	735668	45.643	ng	93
76) Benzydine	19.91	184	366449	48.624	ng	94
77) Pyrene	20.10	202	741751	44.249	ng	95
79) Butylbenzylphthalate	20.96	149	288015	42.543	ng	93
80) Benzo(a)anthracene	22.01	228	786684	44.971	ng	95
81) 3,3'-Dichlorobenzidine	21.91	252	237202	33.444	ng	# 98
82) Chrysene	22.08	228	732807	44.150	ng	96
83) Bis(2-ethylhexyl)phthalate	21.85	149	416304	43.254	ng	100
84) Di-n-octyl phthalate	23.15	149	721257	42.891	ng	# 88
85) Indeno(1,2,3-cd)pyrene	29.54	276	951513	44.617	ng	# 95
87) Benzo(b)fluoranthene	24.40	252	816030	45.251	ng	98
88) Benzo(k)fluoranthene	24.48	252	774490	42.996	ng	94
89) Benzo(a)pyrene	25.36	252	774256	45.232	ng	97
90) Dibenzo(a,h)anthracene	29.62	278	806124	45.171	ng	98
91) Benzo(g,h,i)perylene	30.81	276	771385	44.300	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 807

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-AMS

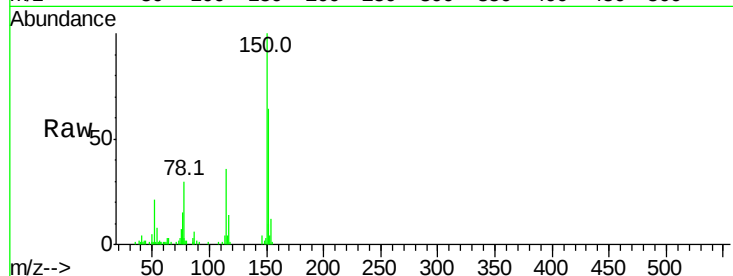
Tot Ion:152 Resp: 24948

Ion Ratio Lower Upper

152 100

150 157.0 114.0 171.0

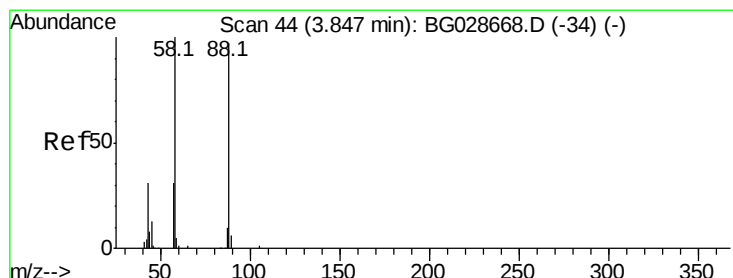
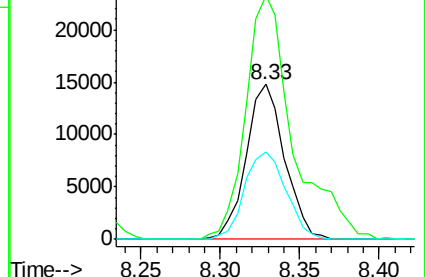
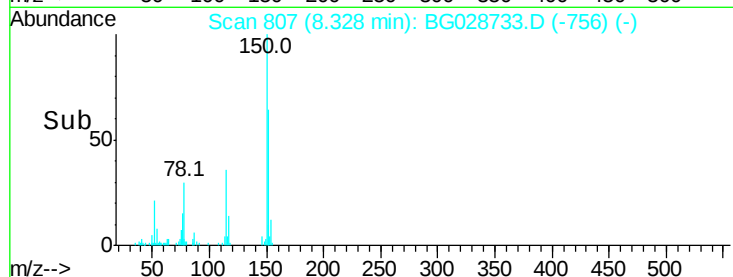
115 56.6 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.110 ng

RT: 3.84 min Scan# 43

Delta R.T. -0.01 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

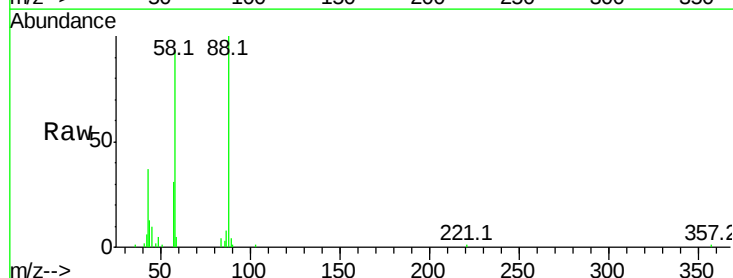
Tgt Ion: 88 Resp: 23334

Ion Ratio Lower Upper

88 100

58 96.1 79.4 119.2

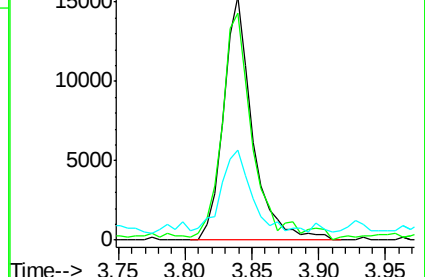
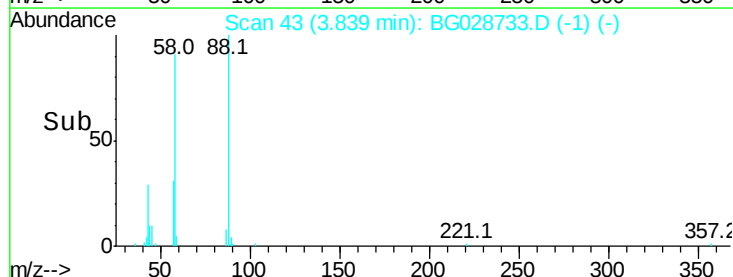
43 33.7 33.8 50.6#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.840 ng

RT: 4.23 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-AMS

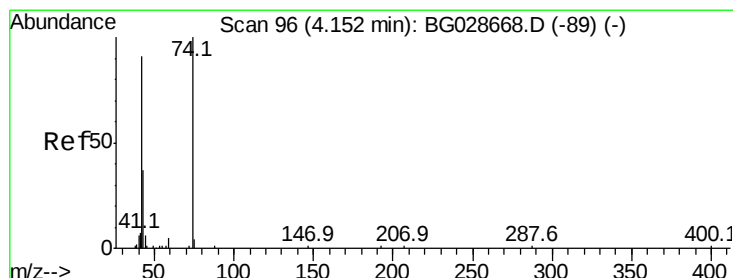
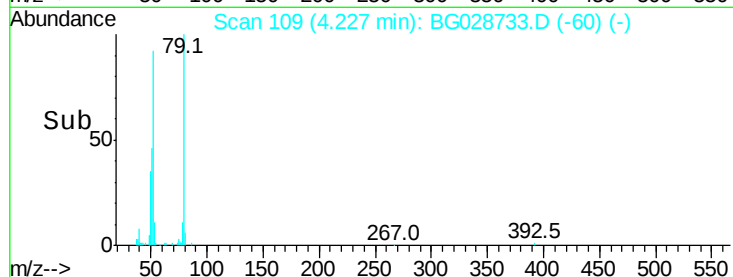
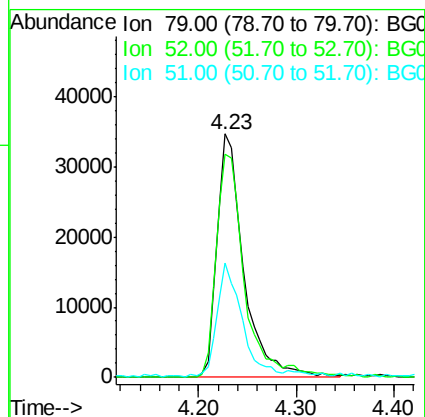
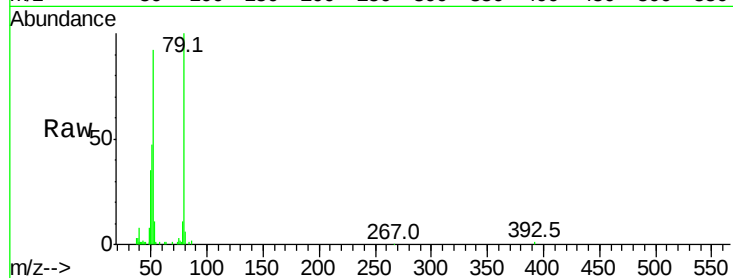
Tot Ion: 79 Resp: 66090

Ion Ratio Lower Upper

79 100

52 91.9 77.8 116.6

51 47.0 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 44.089 ng

RT: 4.14 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

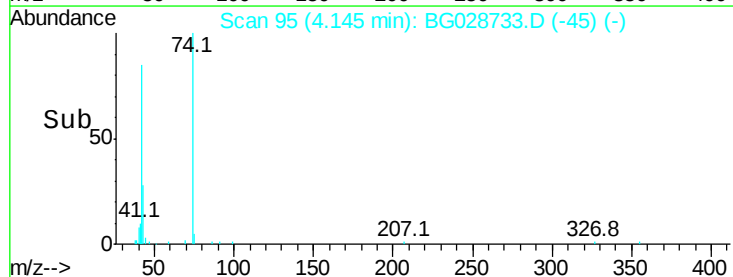
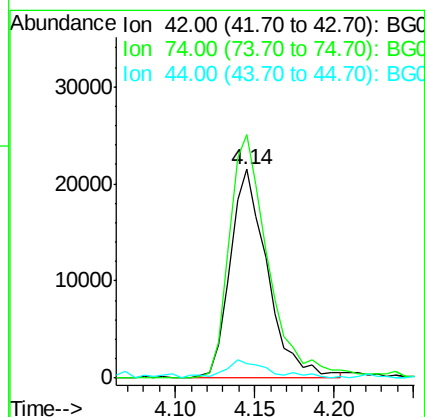
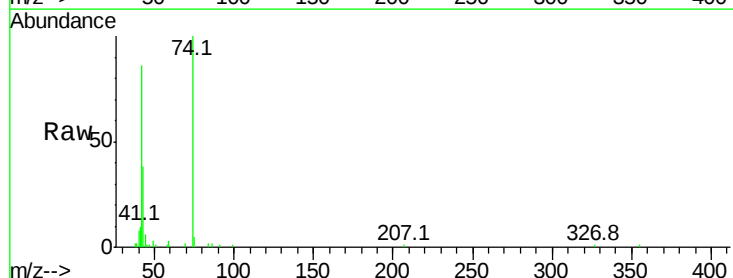
Tgt Ion: 42 Resp: 35029

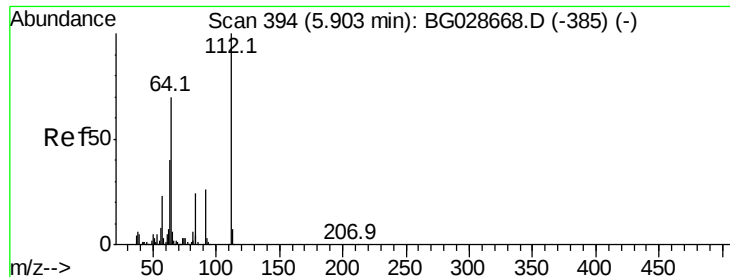
Ion Ratio Lower Upper

42 100

74 116.8 76.7 115.1#

44 6.7 6.1 9.1





#5

2-Fluorophenol

Concen: 150.991 ng

RT: 5.90 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

Instrument :

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ClientSampleId :

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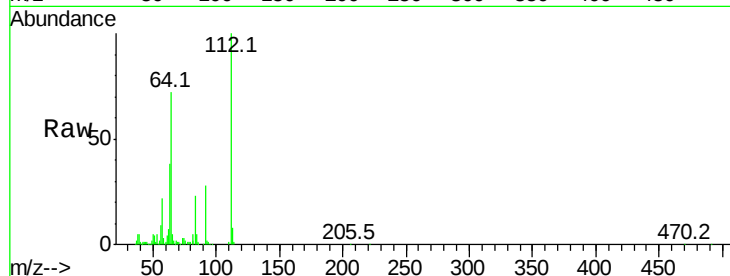
Tot Ion:112 Resp: 228292

Ion Ratio Lower Upper

112 100

64 71.6 61.8 92.6

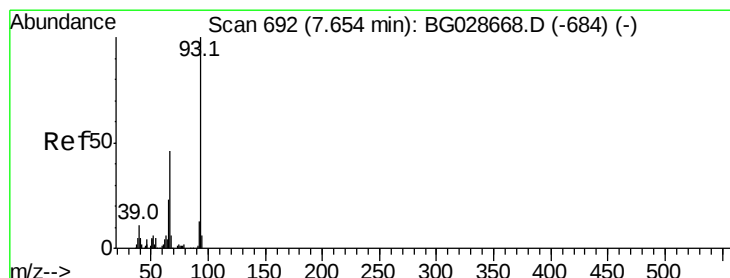
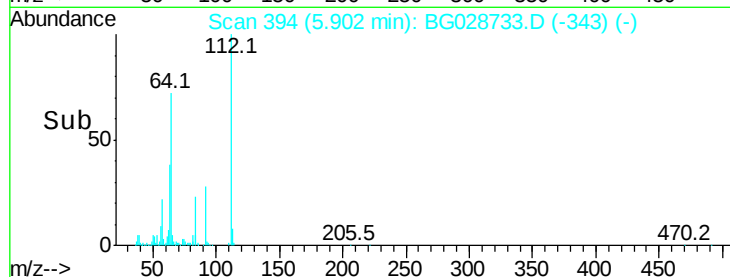
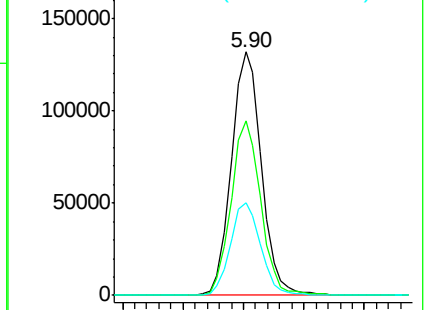
63 38.1 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.409 ng

RT: 7.65 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

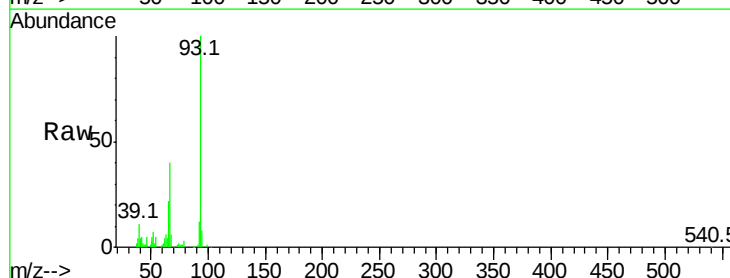
Tgt Ion: 93 Resp: 107057

Ion Ratio Lower Upper

93 100

66 40.2 35.4 53.2

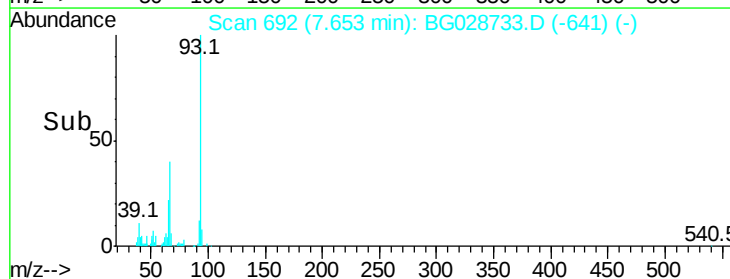
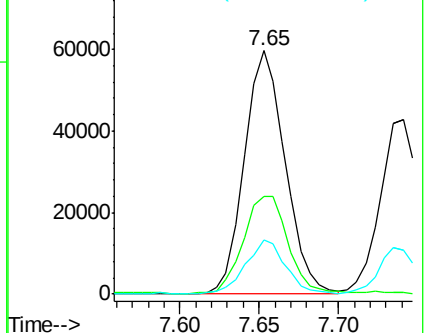
65 22.2 21.2 31.8

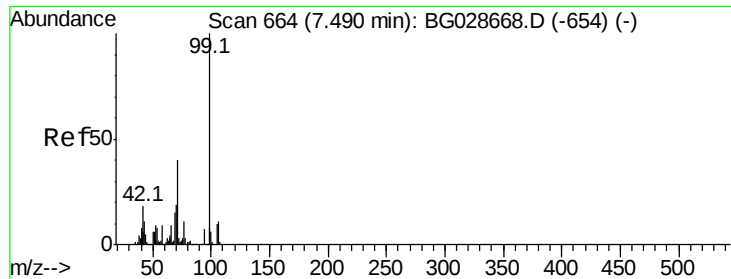


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 144.671 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

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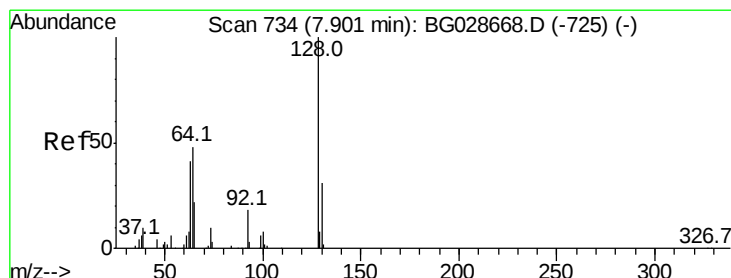
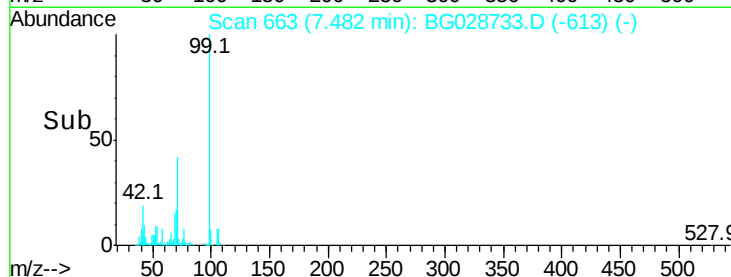
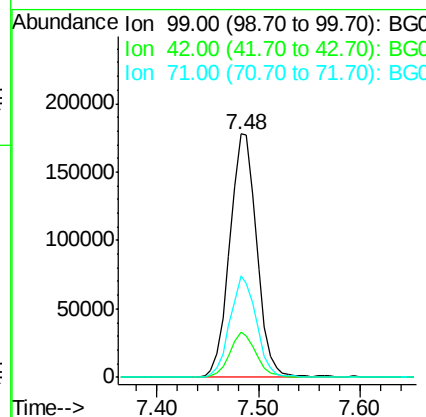
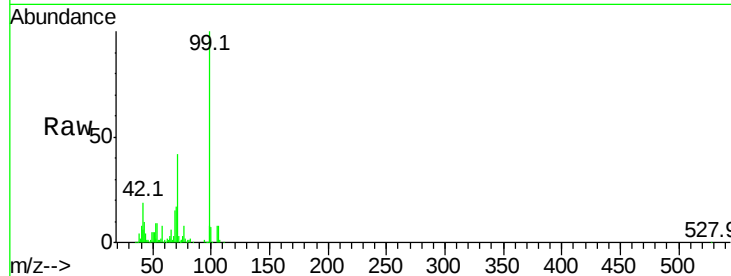
Tot Ion: 99 Resp: 329334

Ion Ratio Lower Upper

99 100

42 18.6 20.5 30.7#

71 41.6 37.6 56.4



#8

2-Chlorophenol

Concen: 47.339 ng

RT: 7.89 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

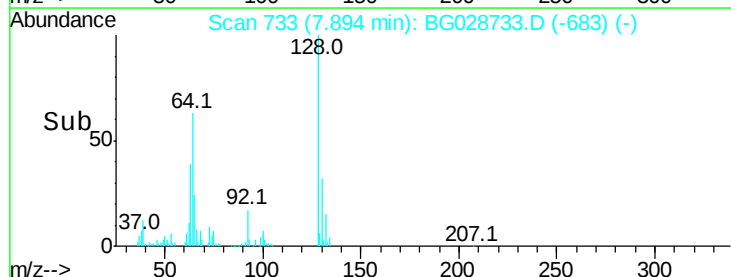
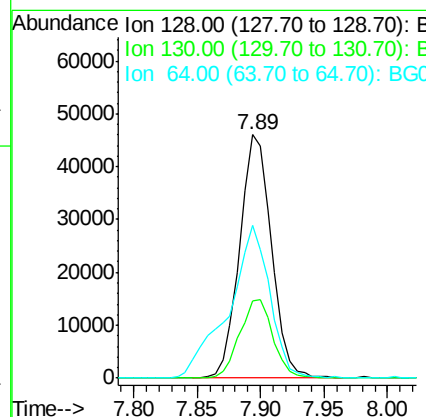
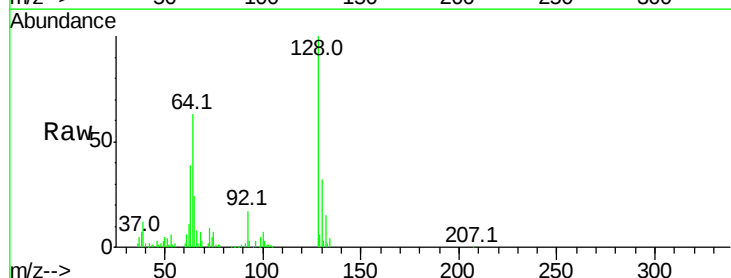
Tgt Ion: 128 Resp: 79790

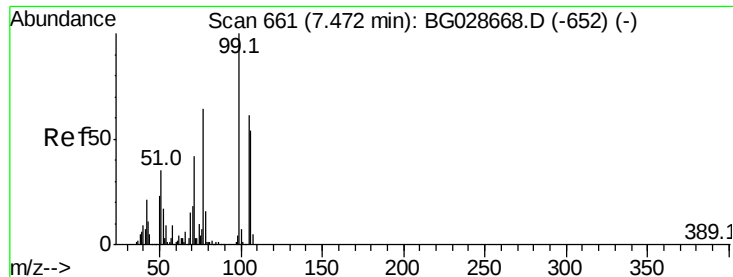
Ion Ratio Lower Upper

128 100

130 31.8 11.4 51.4

64 62.5 46.6 86.6





#9

Benzaldehyde

Concen: 34.742 ng

RT: 7.47 min Scan# 661

Delta R.T. -0.00 min

Lab File: BG028733.D

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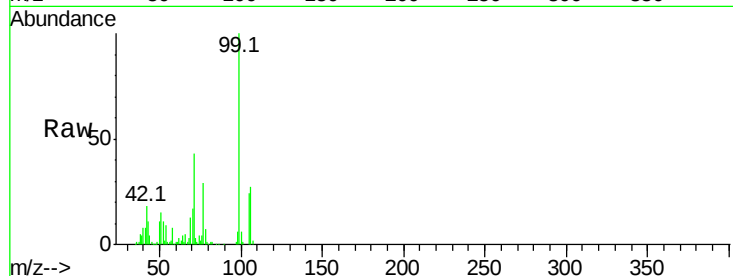
Tot Ion: 77 Resp: 49067

Ion Ratio Lower Upper

77 100

105 80.6 60.9 100.9

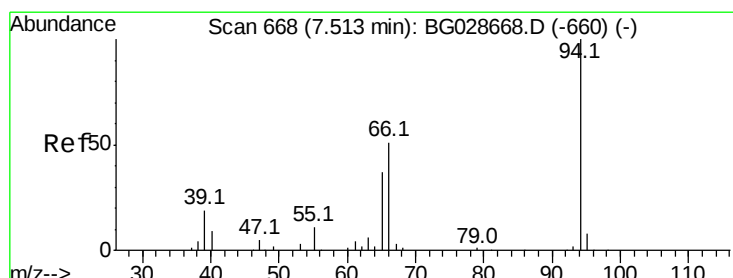
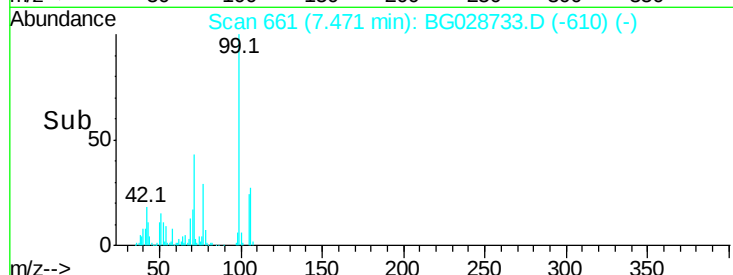
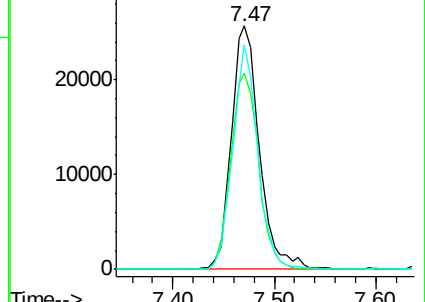
106 92.2 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 51.692 ng

RT: 7.51 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

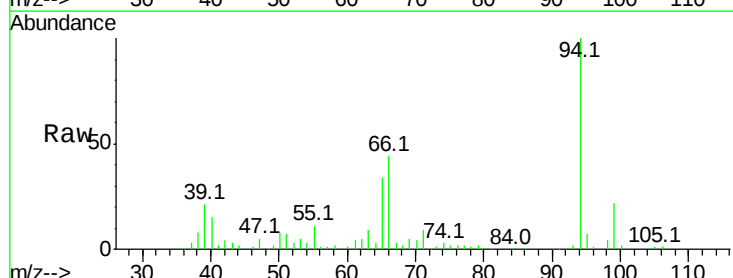
Tgt Ion: 94 Resp: 124188

Ion Ratio Lower Upper

94 100

65 33.8 20.6 60.6

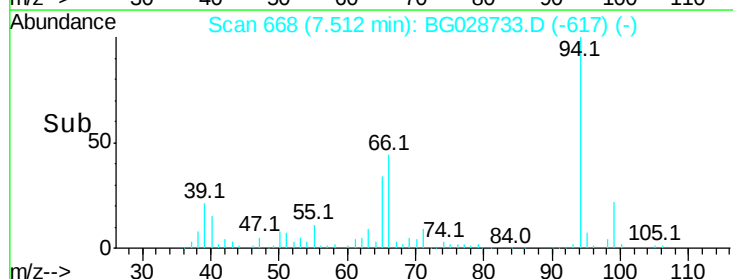
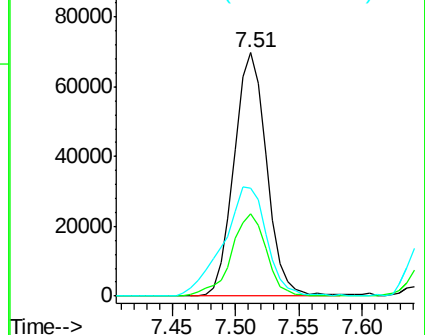
66 44.5 35.5 75.5

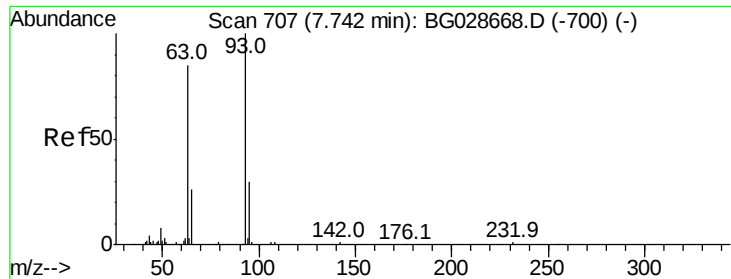


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

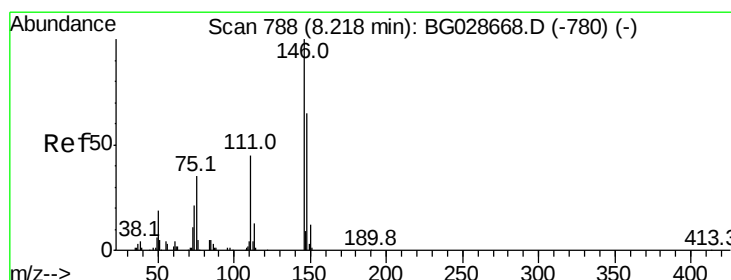
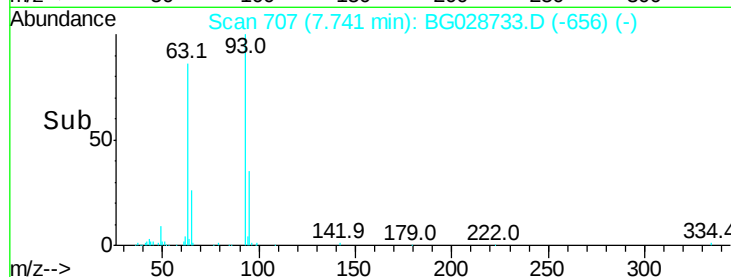
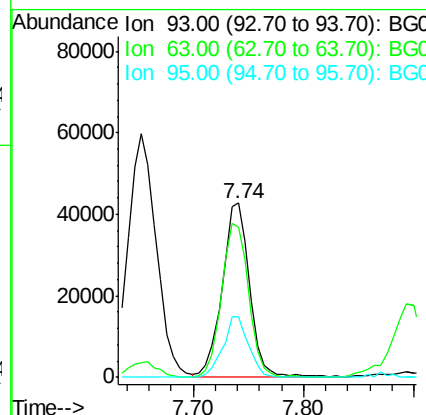
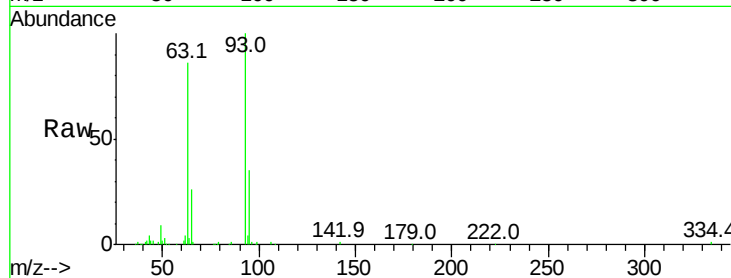




#11
bis(2-Chloroethyl)ether
Concen: 43.068 ng
RT: 7.74 min Scan# 707
Delta R.T. -0.00 min
Lab File: BG028733.D
Acq: 14 Sep 2017 15:22

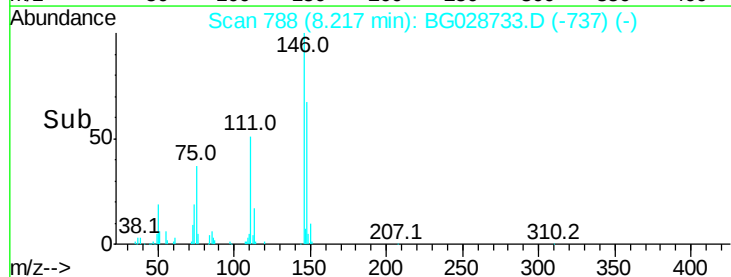
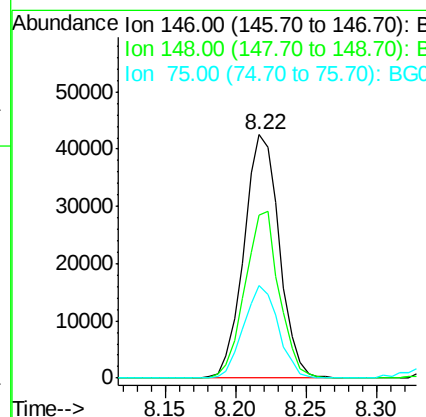
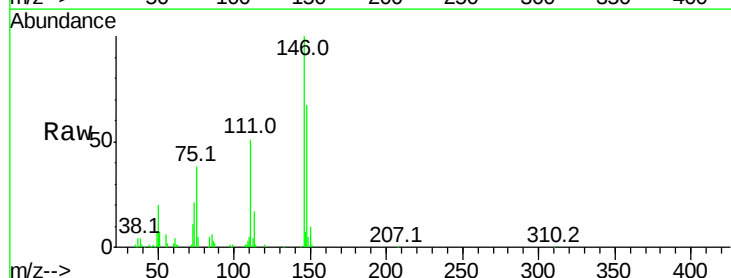
Instrument :
BNA_G
ClientSampleId :
20170600-COMP-AMS

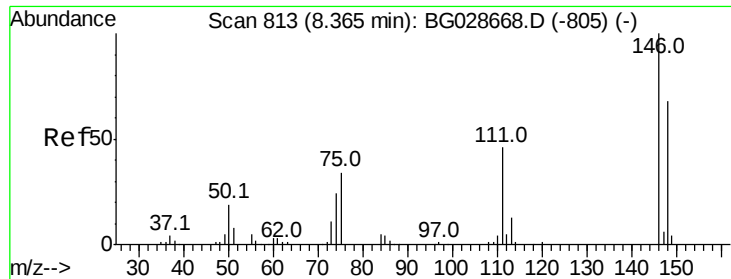
Tot Ion: 93 Resp: 74286
Ion Ratio Lower Upper
93 100
63 86.1 78.5 118.5
95 34.5 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 41.068 ng
RT: 8.22 min Scan# 788
Delta R.T. -0.00 min
Lab File: BG028733.D
Acq: 14 Sep 2017 15:22

Tgt Ion: 146 Resp: 74535
Ion Ratio Lower Upper
146 100
148 66.9 49.2 73.8
75 38.1 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 40.085 ng

RT: 8.36 min Scan# 813

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-AMS

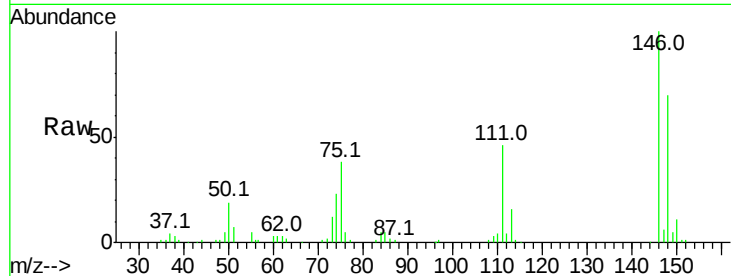
Tot Ion:146 Resp: 74808

Ion Ratio Lower Upper

146 100

148 69.9 52.2 78.2

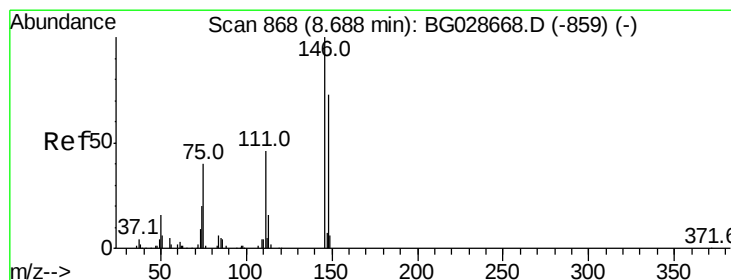
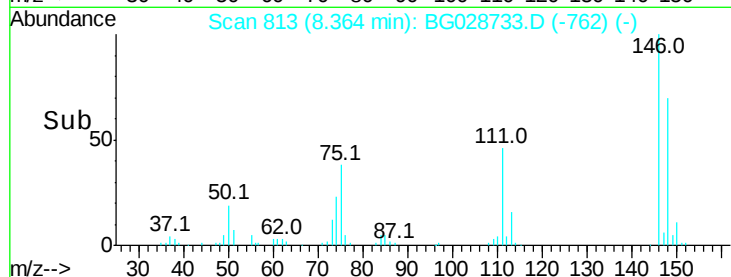
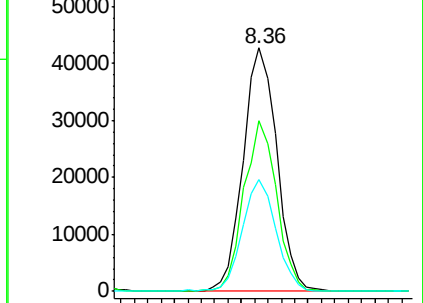
111 46.1 37.0 55.6



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: 40.724 ng

RT: 8.69 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

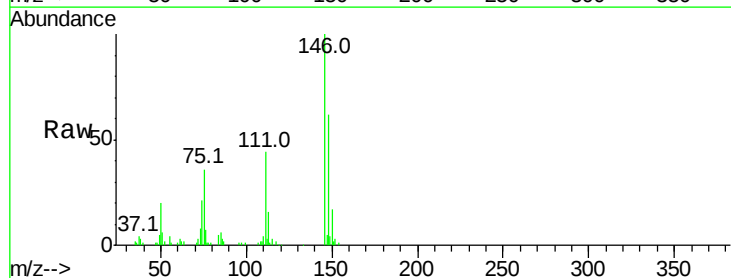
Tgt Ion:146 Resp: 75085

Ion Ratio Lower Upper

146 100

148 62.0 54.6 81.8

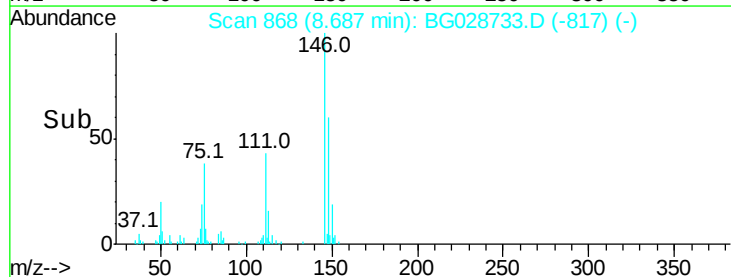
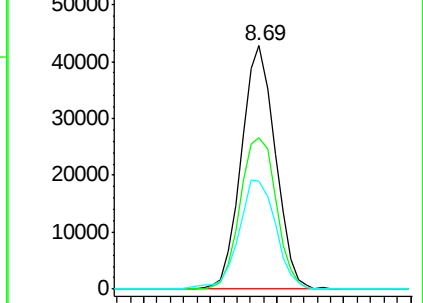
111 44.2 39.7 59.5

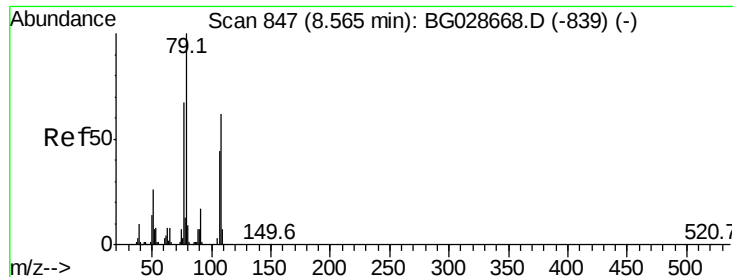


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.923 ng

RT: 8.57 min Scan# 848

Delta R.T. 0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-AMS

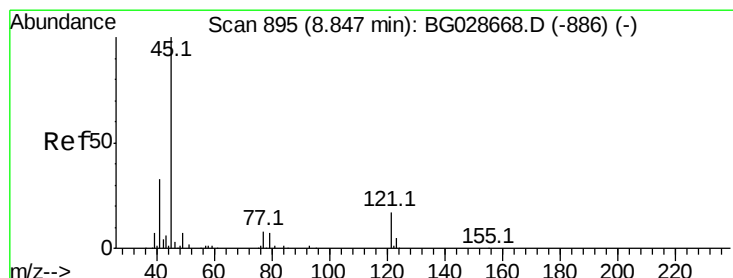
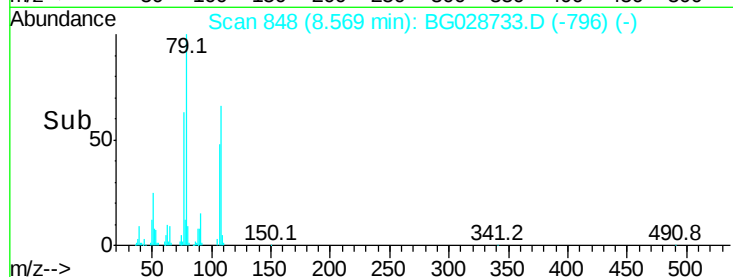
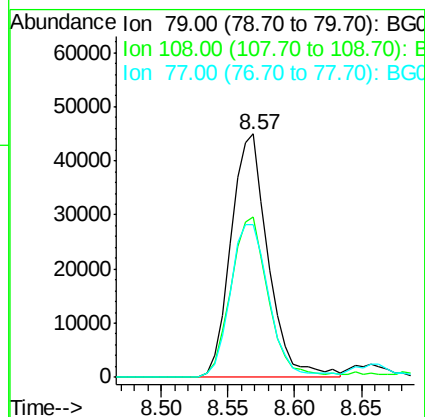
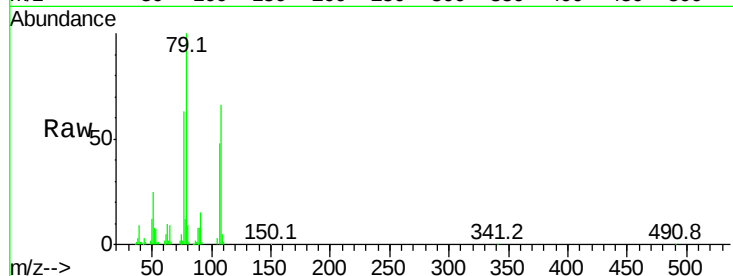
Tot Ion: 79 Resp: 86939

Ion Ratio Lower Upper

79 100

108 65.6 45.5 68.3

77 62.7 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.076 ng

RT: 8.85 min Scan# 895

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

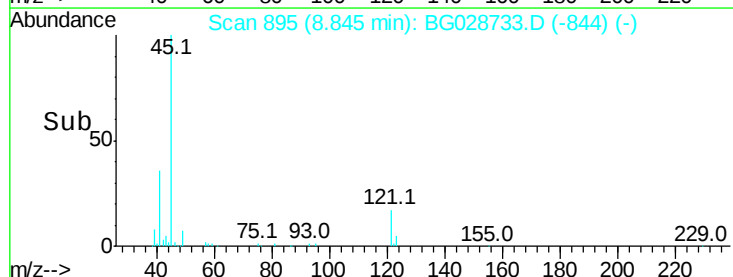
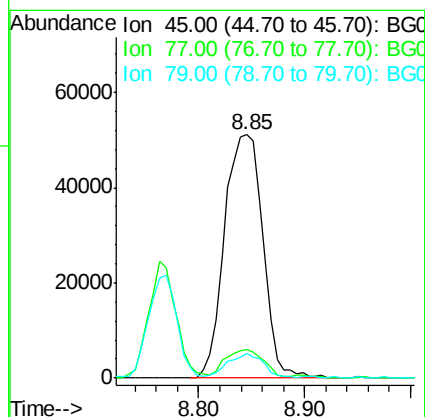
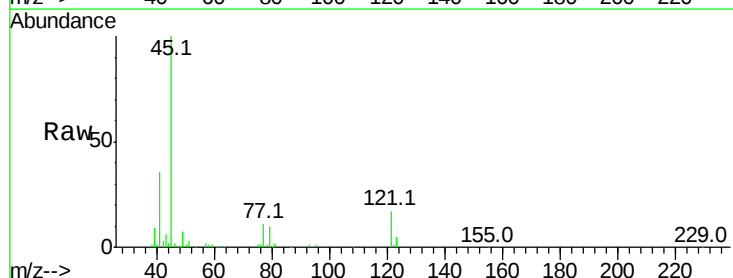
Tgt Ion: 45 Resp: 128765

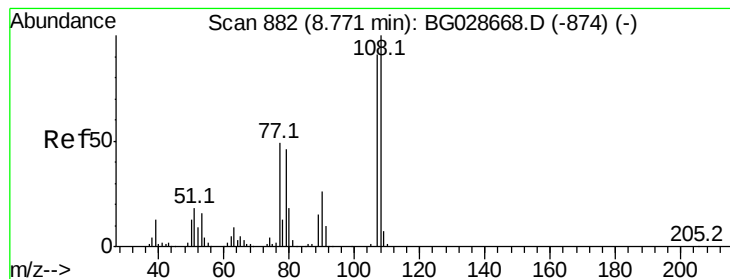
Ion Ratio Lower Upper

45 100

77 11.5 0.0 30.6

79 10.0 0.0 28.5





#17

2-Methylphenol

Concen: 49.653 ng

RT: 8.77 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-AMS

Tot Ion:107 Resp: 77950

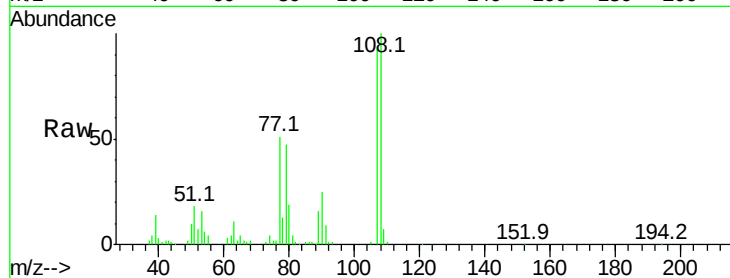
Ion Ratio Lower Upper

107 100

108 107.6 85.6 128.4

77 55.1 51.4 77.2

79 51.1 49.2 73.8

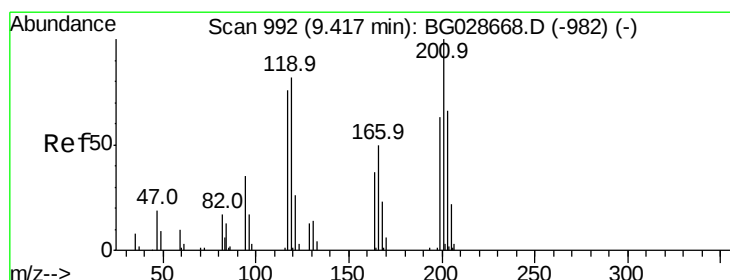
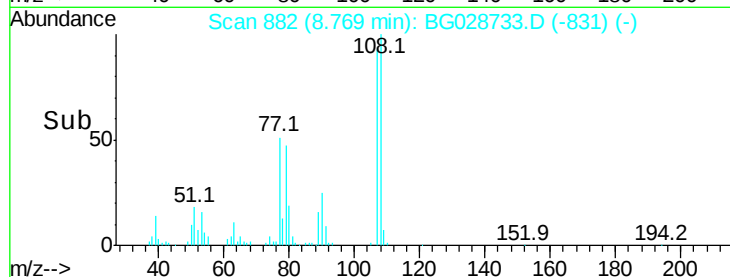
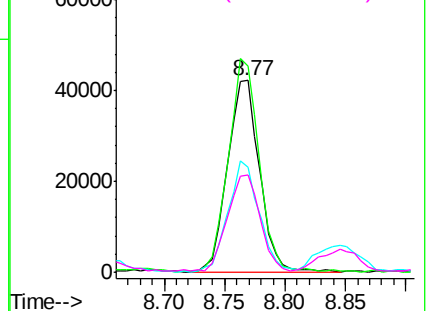


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 39.086 ng

RT: 9.42 min Scan# 992

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

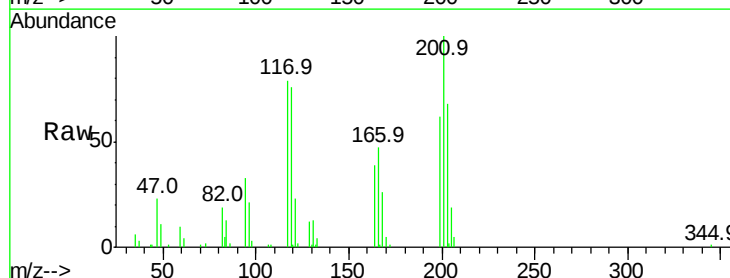
Tgt Ion:117 Resp: 26735

Ion Ratio Lower Upper

117 100

119 96.0 69.8 104.6

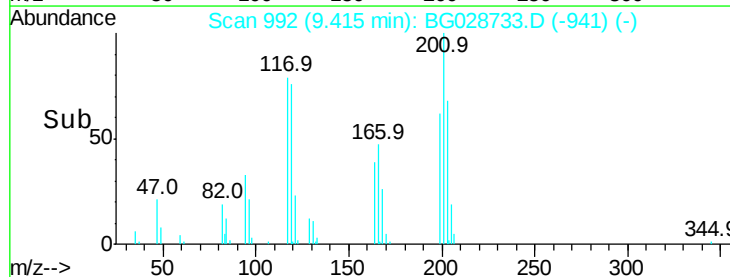
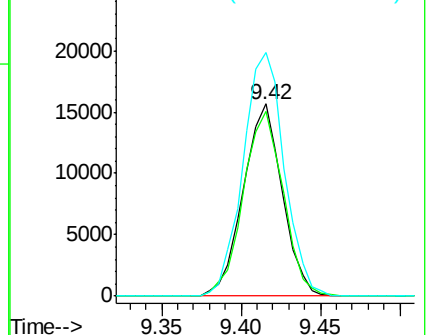
201 126.8 95.4 143.0

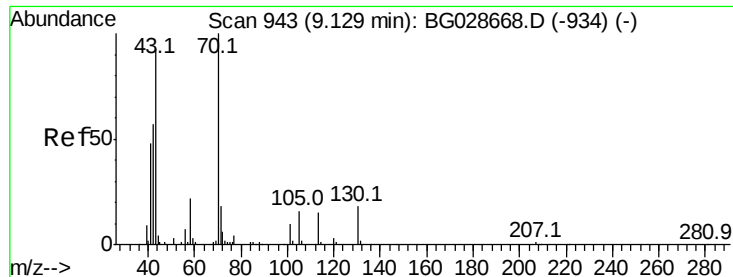


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

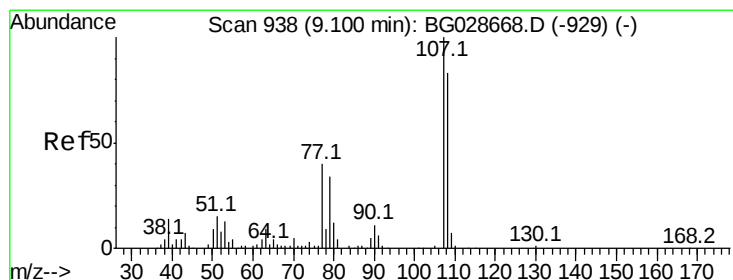
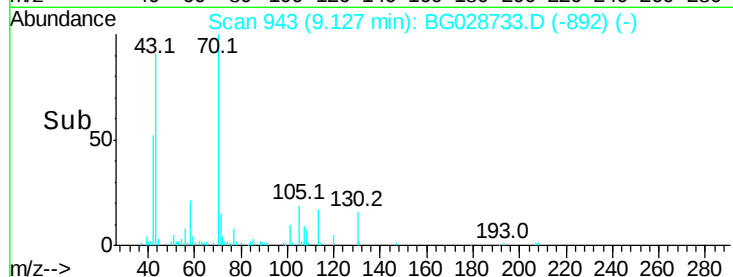
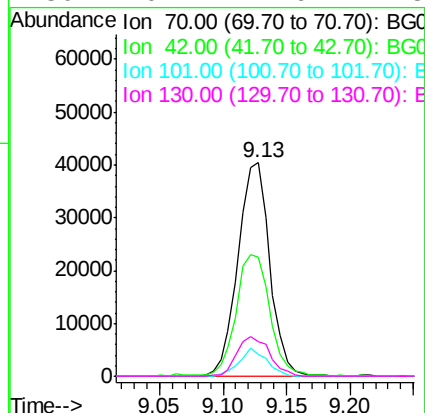
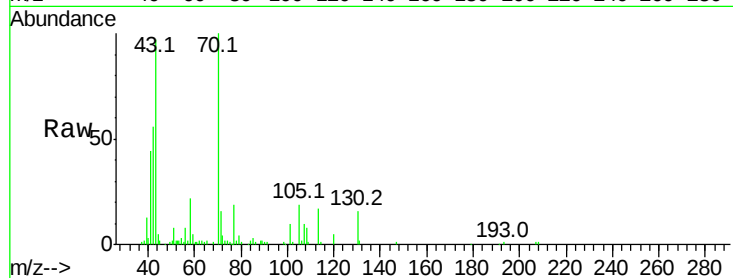




#19
n-Nitroso-di-n-propylamine
Concen: 43.578 ng
RT: 9.13 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG028733.D
Acq: 14 Sep 2017 15:22

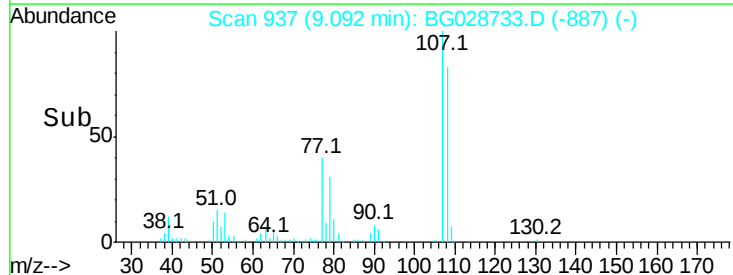
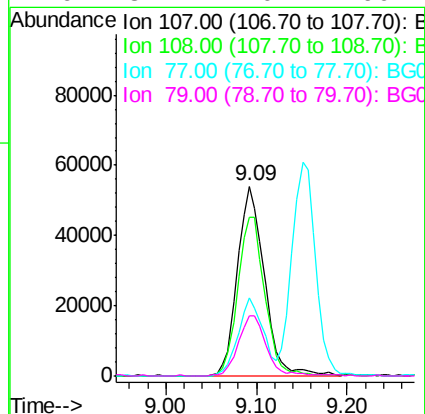
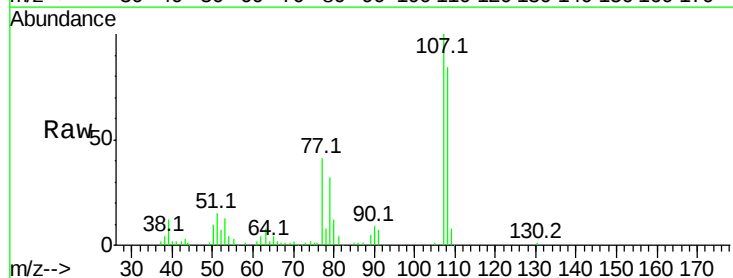
Instrument :
BNA_G
ClientSampleId :
20170600-COMP-AMS

Tot Ion:	70	Resp:	70324
Ion	Ratio	Lower	Upper
70	100		
42	55.6	56.1	84.1#
101	10.2	7.5	11.3
130	16.4	14.6	21.8



#20
3+4-Methylphenols
Concen: 51.165 ng
RT: 9.09 min Scan# 937
Delta R.T. -0.01 min
Lab File: BG028733.D
Acq: 14 Sep 2017 15:22

Tgt Ion:	107	Resp:	112350
Ion	Ratio	Lower	Upper
107	100		
108	83.6	70.8	110.8
77	41.2	25.8	65.8
79	31.7	20.1	60.1

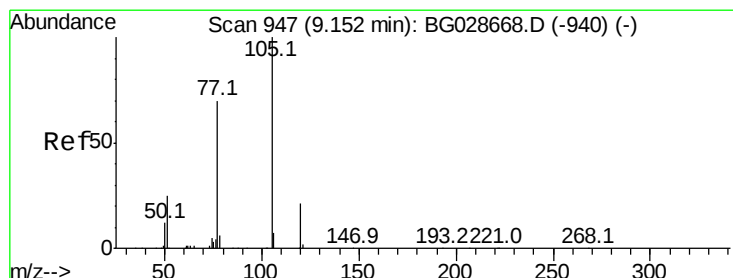
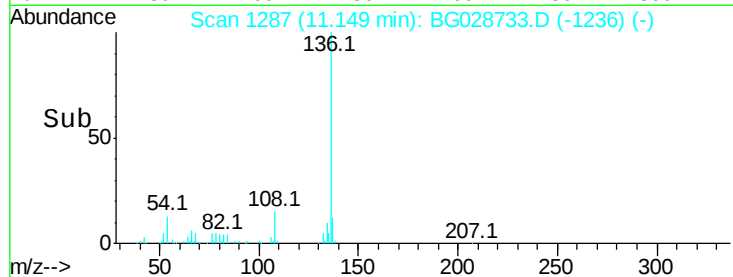
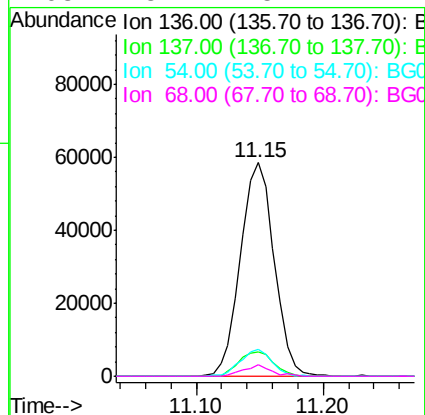
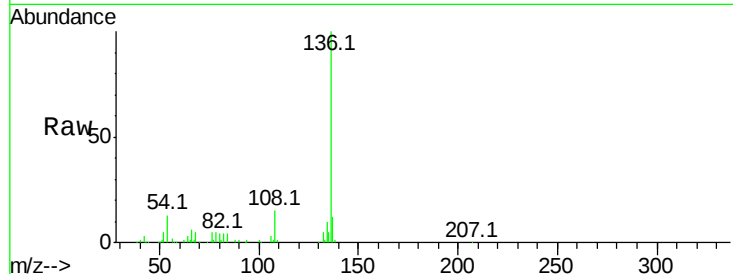




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG028733.D
Acq: 14 Sep 2017 15:22

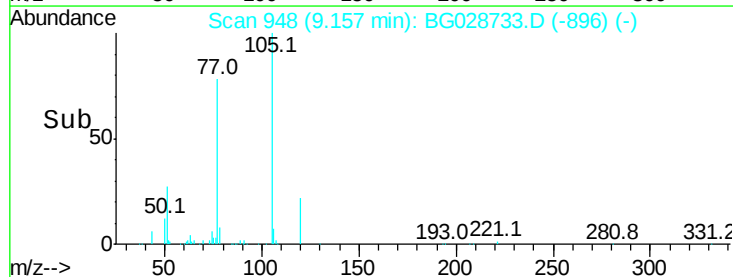
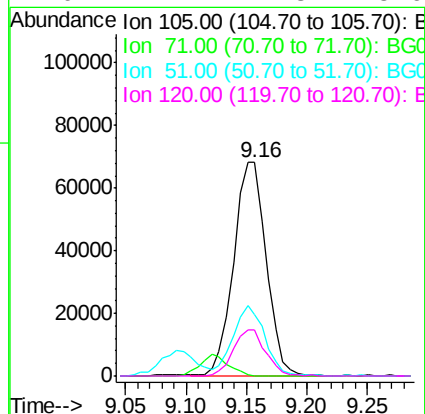
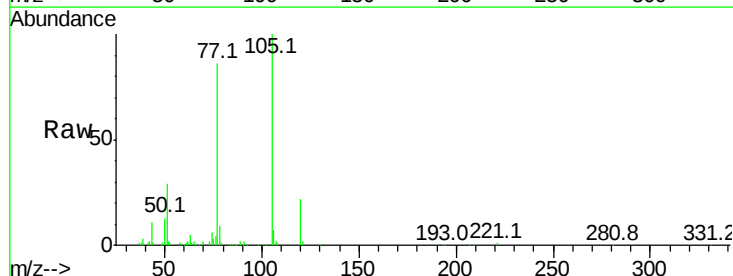
Instrument :
BNA_G
ClientSampleId :
20170600-COMP-AMS

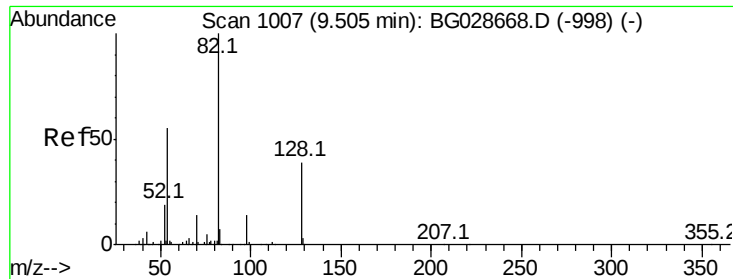
Tot Ion:136	Resp:	107852
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.9 13.3
54	12.6	9.3 13.9
68	5.2	5.1 7.7



#22
Acetophenone
Concen: 40.475 ng
RT: 9.16 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG028733.D
Acq: 14 Sep 2017 15:22

Tgt Ion:105	Resp:	127639
Ion	Ratio	Lower Upper
105	100	
71	0.0	0.9 1.3#
51	29.0	34.0 51.0#
120	21.7	17.3 25.9

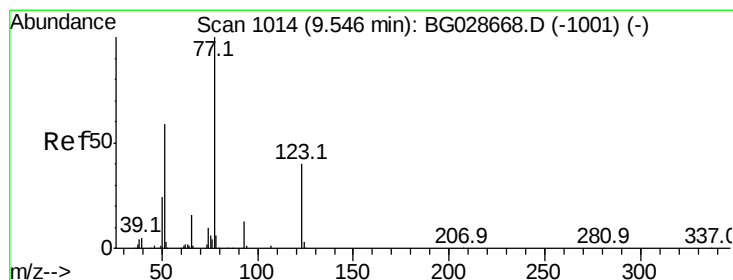
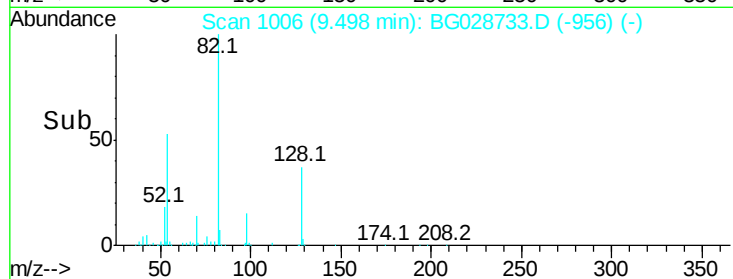
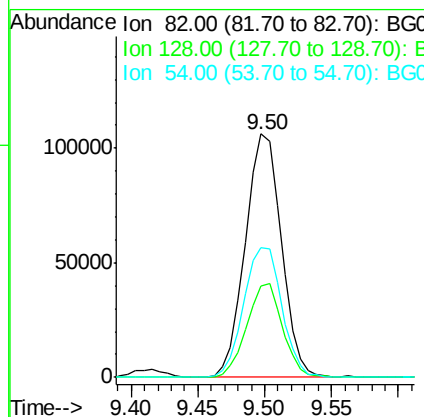
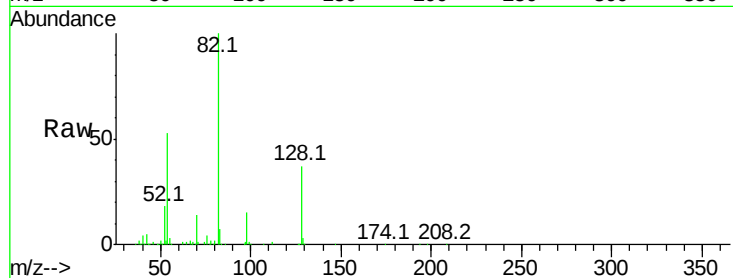




#23
Nitrobenzene-d5
Concen: 88.204 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028733.D
Acq: 14 Sep 2017 15:22

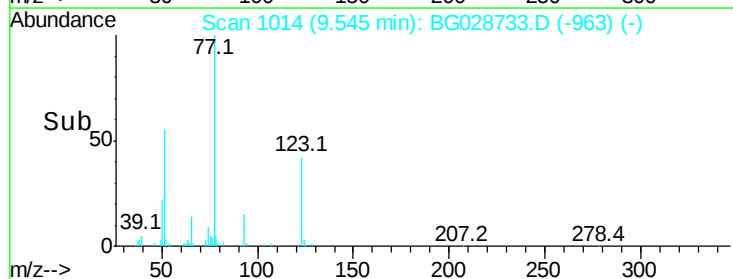
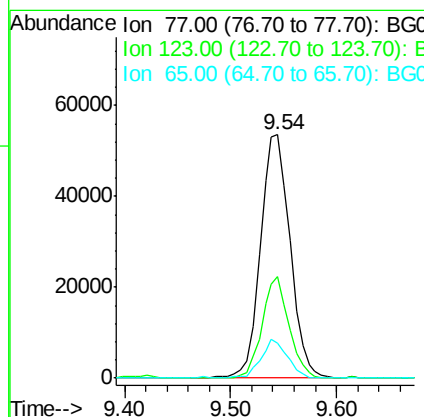
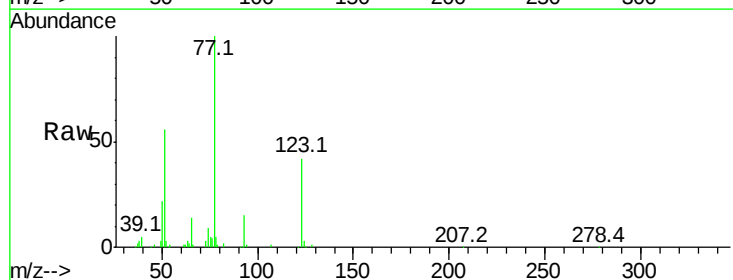
Instrument :
BNA_G
ClientSampleId :
20170600-COMP-AMS

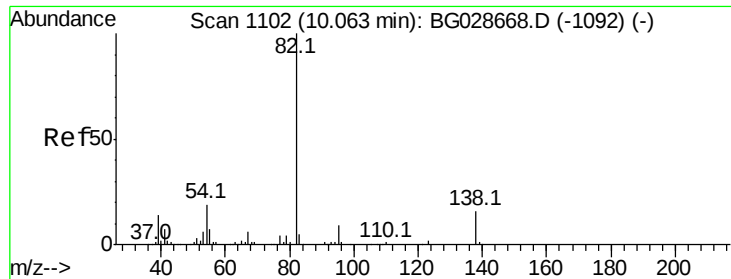
Tot Ion	82	Resp	198860
Ion	Ratio	Lower	Upper
82	100		
128	37.4	26.4	39.6
54	53.4	49.4	74.2



#24
Nitrobenzene
Concen: 41.855 ng
RT: 9.54 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG028733.D
Acq: 14 Sep 2017 15:22

Tgt Ion	77	Resp	104492
Ion	Ratio	Lower	Upper
77	100		
123	42.0	26.1	39.1#
65	14.3	12.4	18.6





#25

Isophorone

Concen: 43.245 ng

RT: 10.06 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-AMS

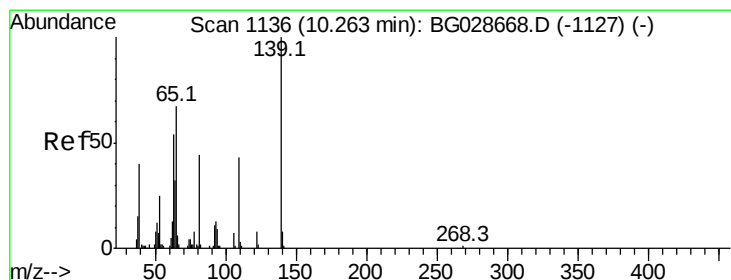
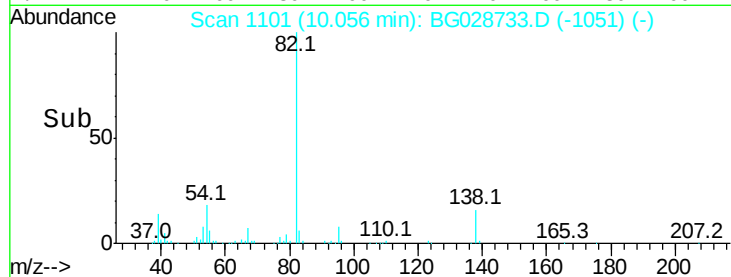
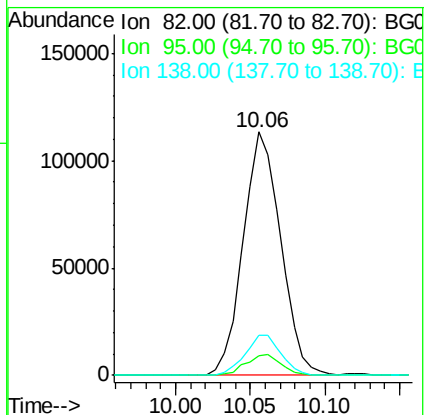
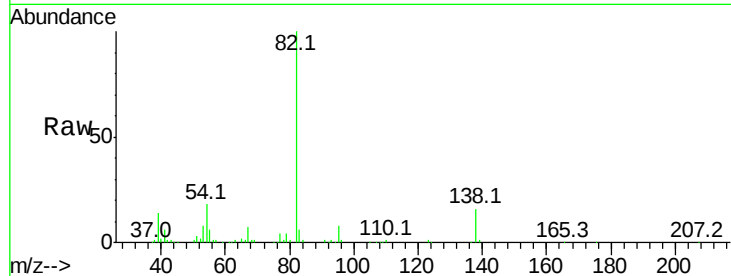
Tot Ion: 82 Resp: 197279

Ion Ratio Lower Upper

82 100

95 8.2 7.5 11.3

138 16.4 12.3 18.5



#26

2-Nitrophenol

Concen: 44.392 ng

RT: 10.26 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

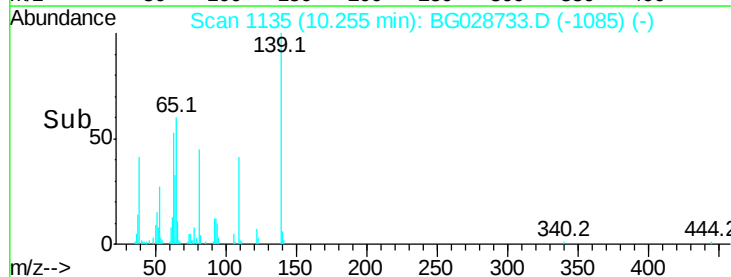
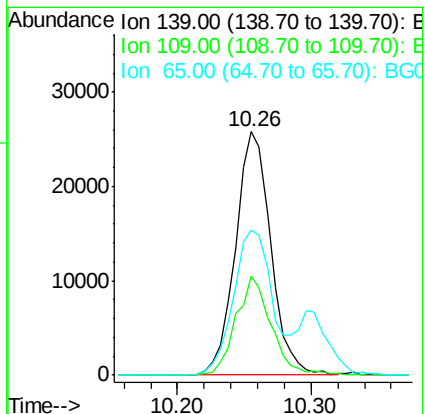
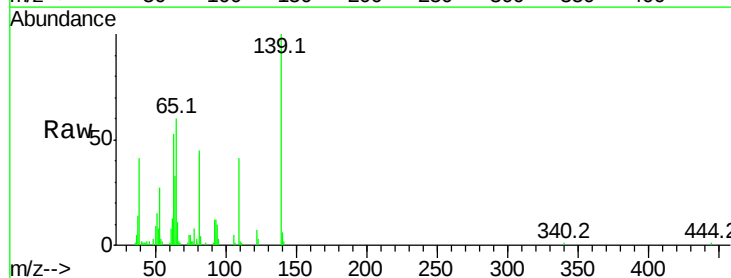
Tgt Ion: 139 Resp: 47167

Ion Ratio Lower Upper

139 100

109 40.7 38.6 58.0

65 59.7 57.1 85.7

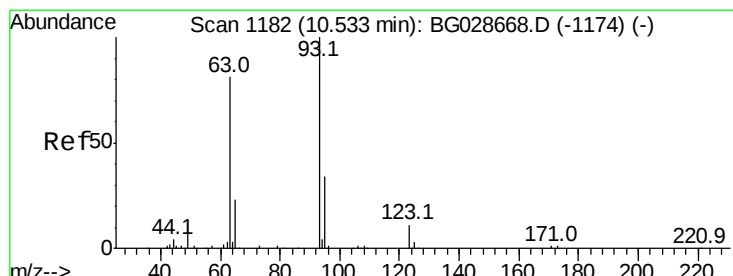
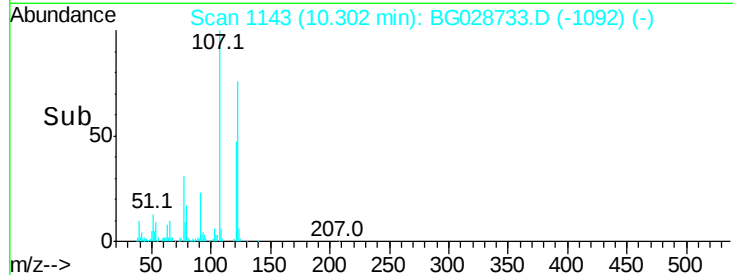
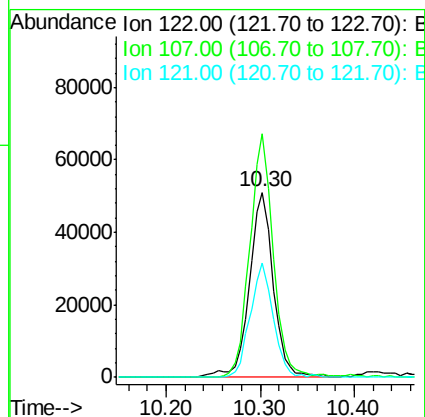
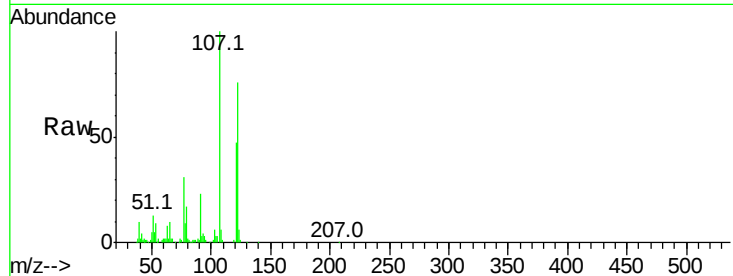




#27
 2,4-Dimethylphenol
 Concen: 46.406 ng
 RT: 10.30 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: BG028733.D
 Acq: 14 Sep 2017 15:22

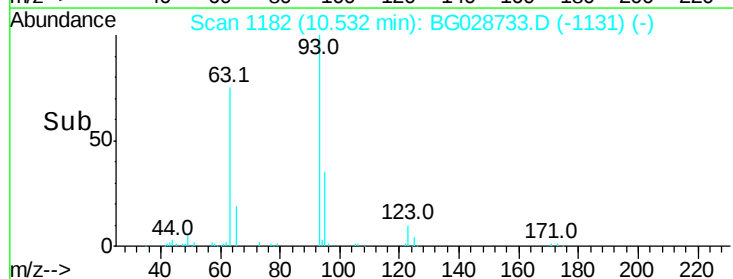
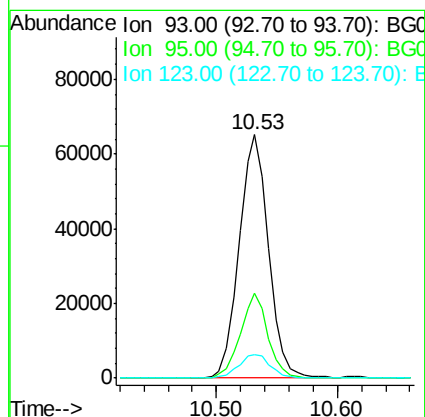
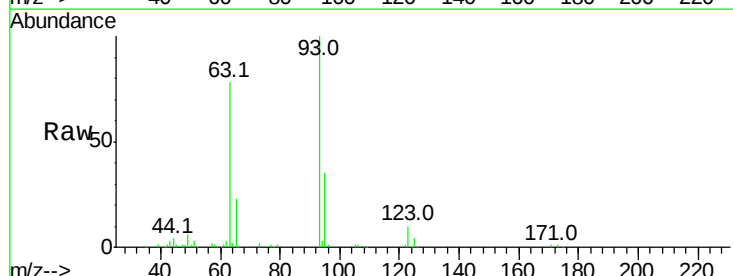
Instrument :
 BNA_G
 ClientSampleId :
 20170600-COMP-AMS

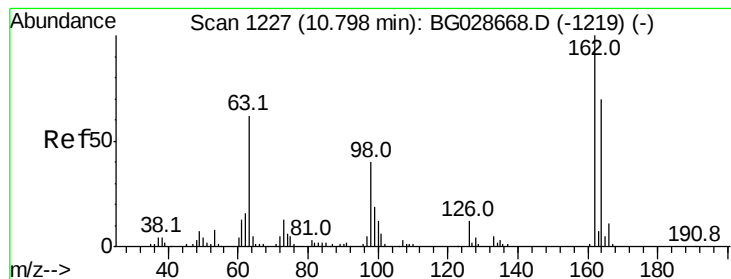
Tot Ion	Ratio	Lower	Upper
122	100		
107	131.8	104.2	156.4
121	62.0	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.400 ng
 RT: 10.53 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG028733.D
 Acq: 14 Sep 2017 15:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.8	25.7	38.5
123	9.8	8.3	12.5





#29

2,4-Dichlorophenol

Concen: 50.106 ng

RT: 10.80 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-AMS

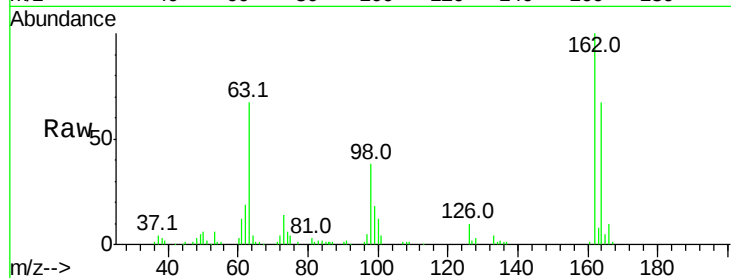
Tot Ion:162 Resp: 96826

Ion Ratio Lower Upper

162 100

164 67.2 42.4 82.4

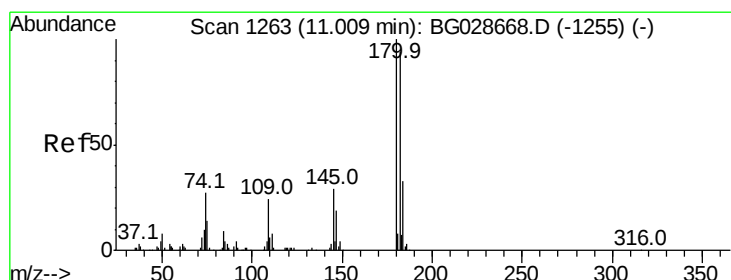
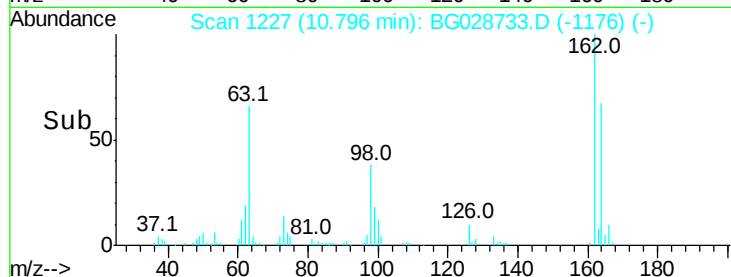
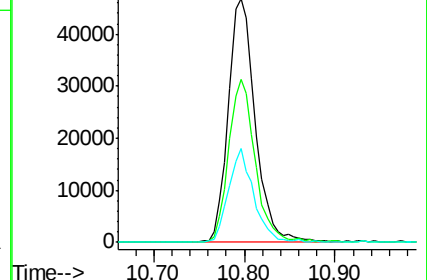
98 38.4 20.3 60.3



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: 40.873 ng

RT: 11.01 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

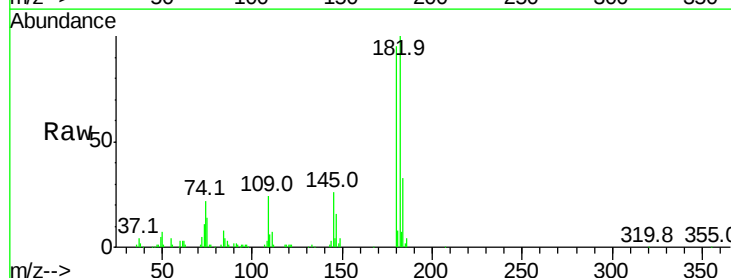
Tgt Ion:180 Resp: 90103

Ion Ratio Lower Upper

180 100

182 105.7 77.0 115.4

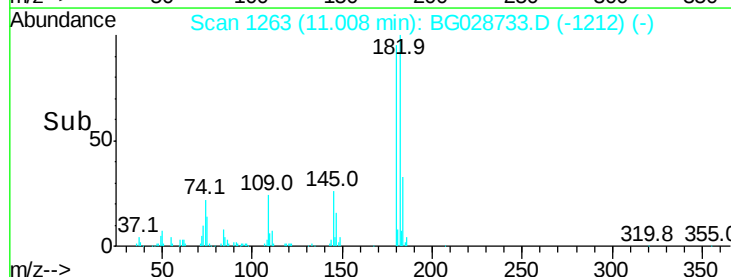
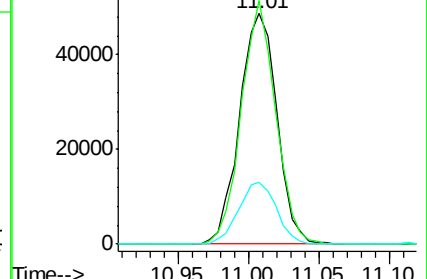
145 27.1 23.4 35.0

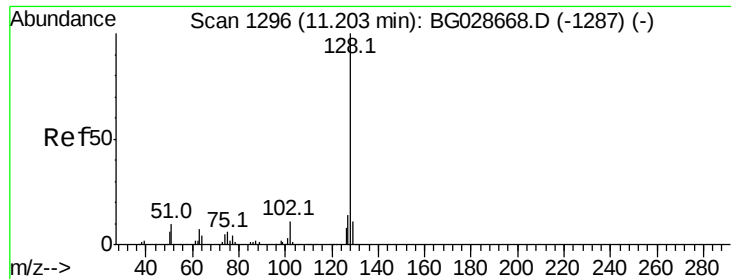


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

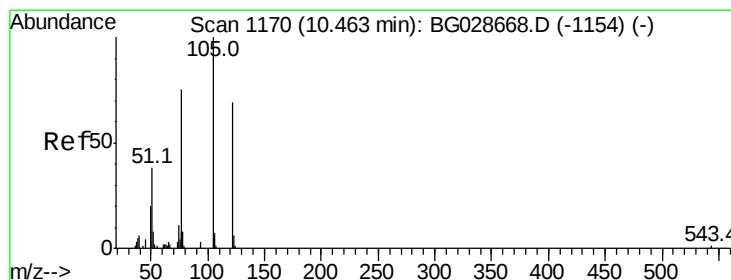
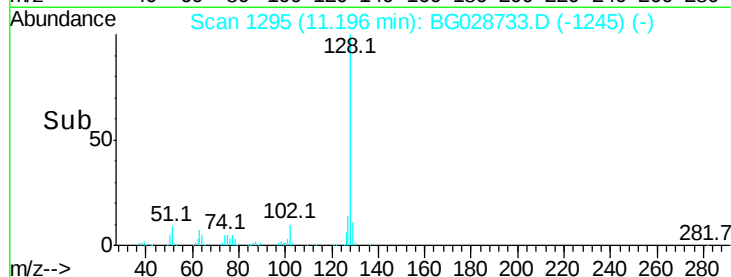
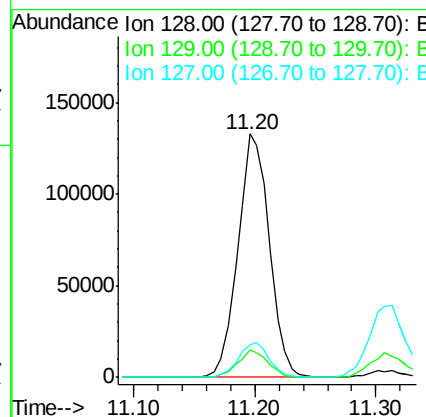
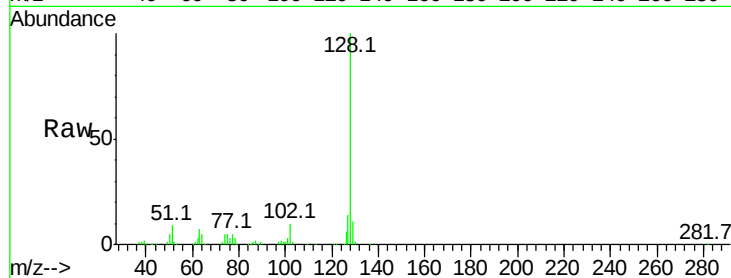




#31
Naphthalene
Concen: 42.689 ng
RT: 11.20 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG028733.D
Acq: 14 Sep 2017 15:22

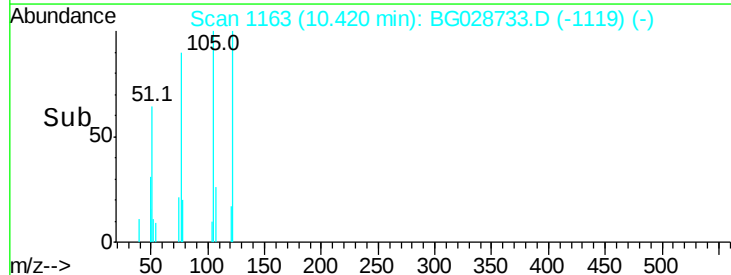
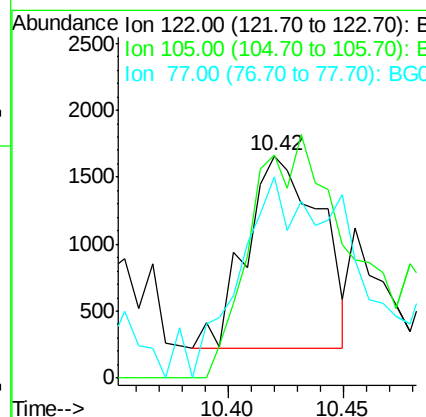
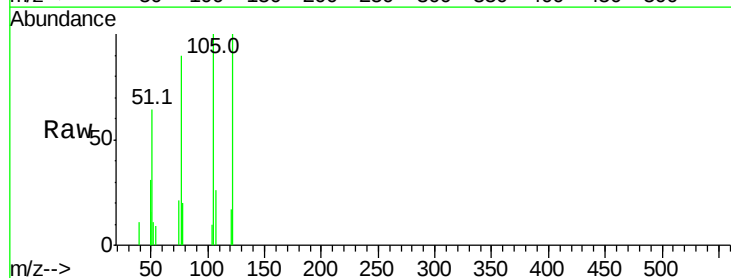
Instrument :
BNA_G
ClientSampleId :
20170600-COMP-AMS

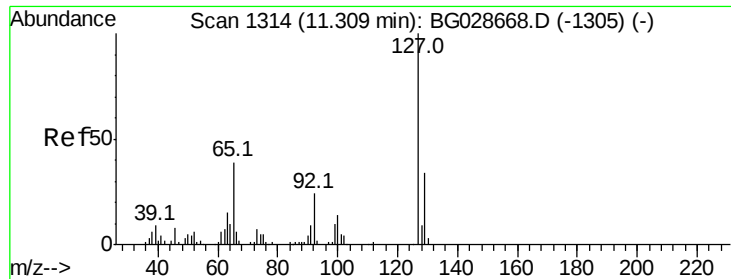
Tot Ion:128 Resp: 240465
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 13.5 11.4 17.0



#32
Benzoic acid
Concen: 8.095 ng
RT: 10.42 min Scan# 1163
Delta R.T. -0.04 min
Lab File: BG028733.D
Acq: 14 Sep 2017 15:22

Tgt Ion:122 Resp: 3174
Ion Ratio Lower Upper
122 100
105 100.4 120.1 160.1#
77 90.7 104.6 144.6#





#33

4-Chloroaniline

Concen: 35.792 ng

RT: 11.31 min Scan# 1315

Delta R.T. 0.00 min

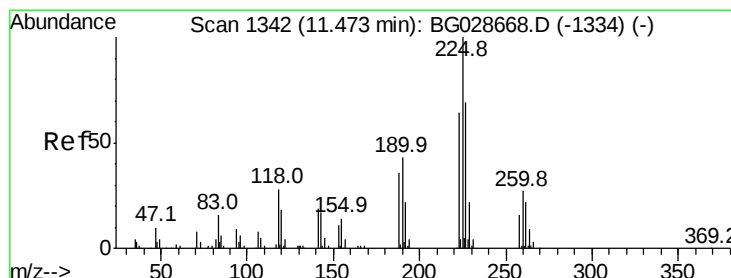
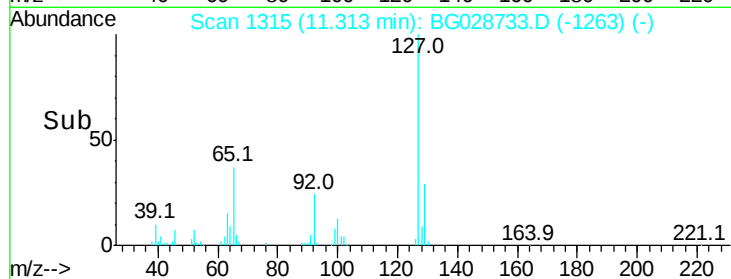
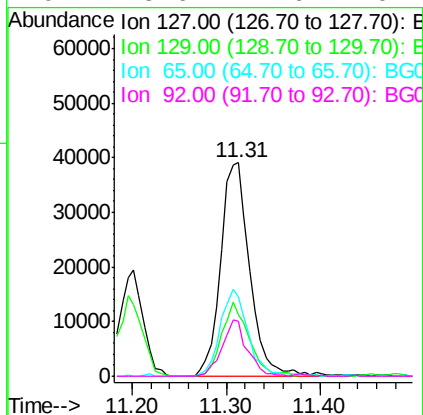
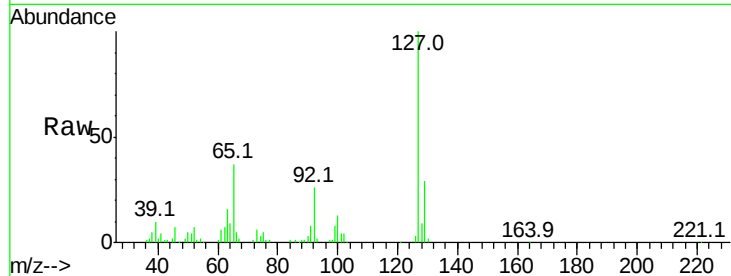
Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

Instrument :
BNA_G
ClientSampleId :
20170600-COMP-AMS

Tot Ion:127 Resp: 84459

Ion	Ratio	Lower	Upper
127	100		
129	28.8	23.6	35.4
65	37.4	37.7	56.5#
92	25.6	17.6	26.4



#34

Hexachlorobutadiene

Concen: 38.749 ng

RT: 11.47 min Scan# 1341

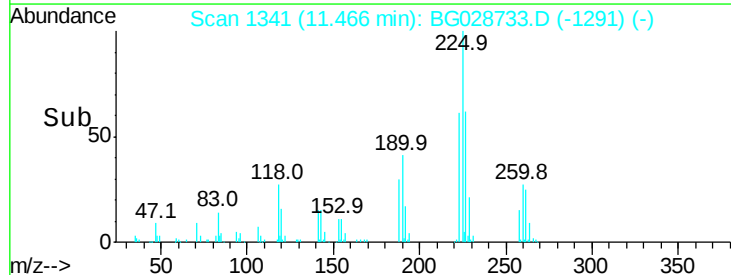
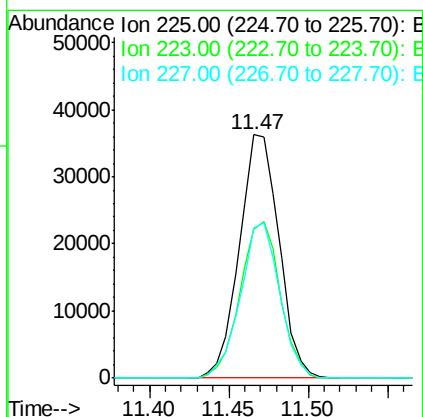
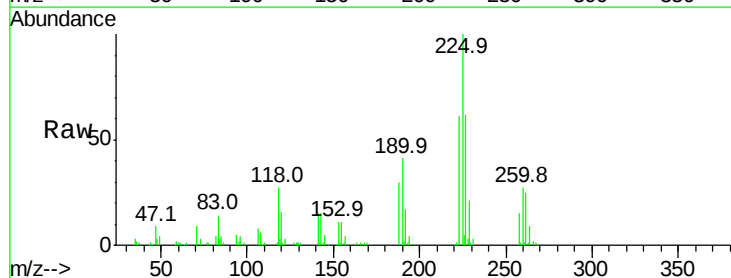
Delta R.T. -0.01 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

Tgt Ion:225 Resp: 62917

Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.7	76.1
227	61.9	49.0	73.6

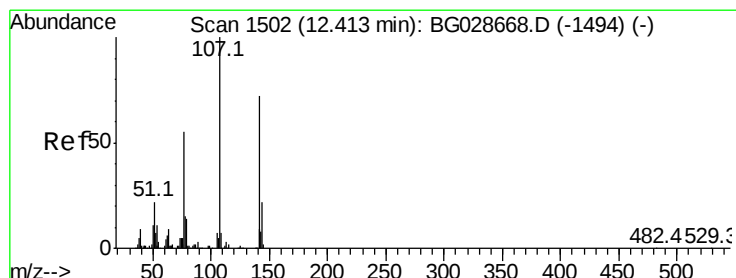
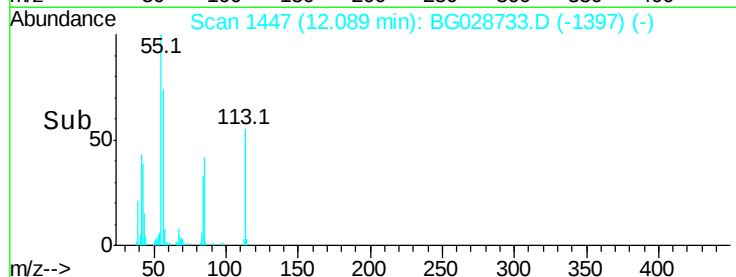
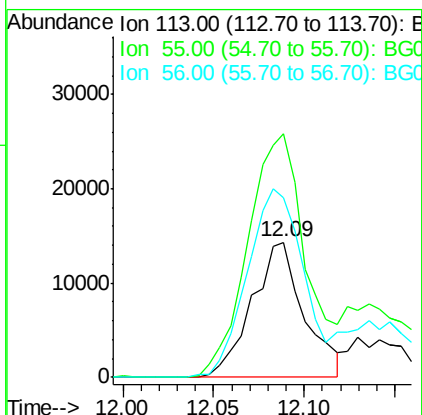
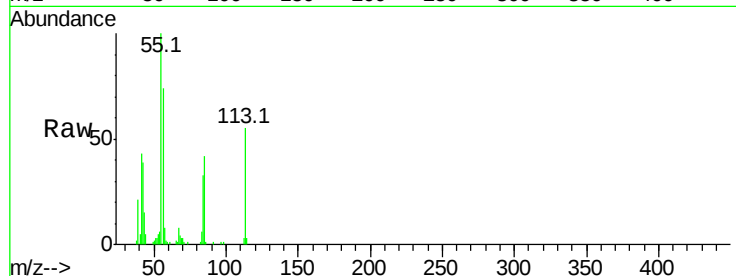




#35
 Caprolactam
 Concen: 41.294 ng
 RT: 12.09 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BG028733.D
 Acq: 14 Sep 2017 15:22

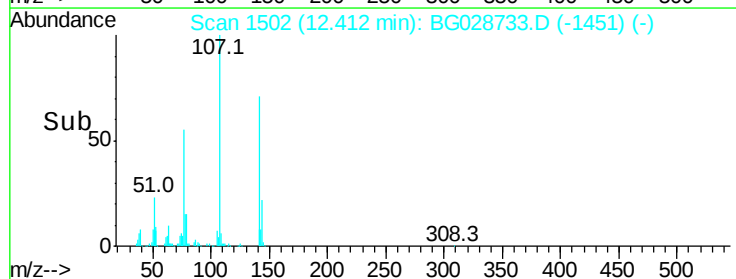
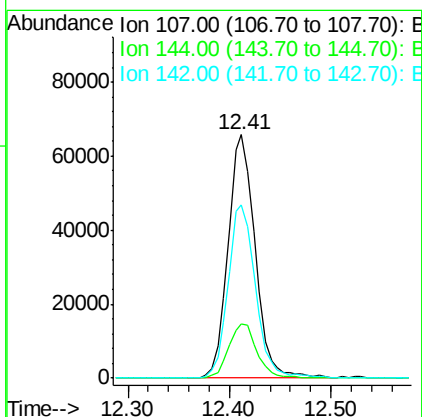
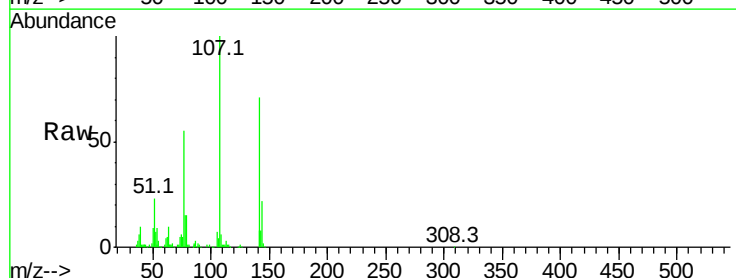
Instrument :
 BNA_G
 ClientSampleId :
 20170600-COMP-AMS

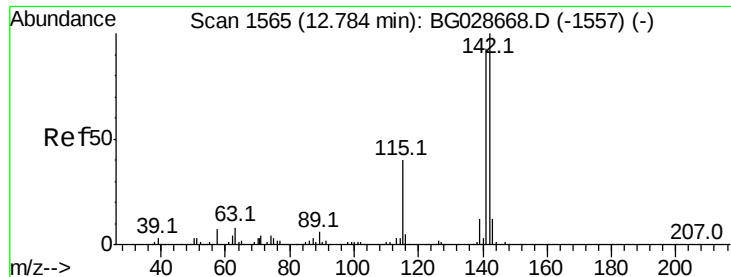
Tot Ion:113 Resp: 28615
 Ion Ratio Lower Upper
 113 100
 55 180.4 198.6 238.6#
 56 133.2 140.4 180.4#



#36
 4-Chloro-3-methylphenol
 Concen: 48.445 ng
 RT: 12.41 min Scan# 1502
 Delta R.T. -0.00 min
 Lab File: BG028733.D
 Acq: 14 Sep 2017 15:22

Tgt Ion:107 Resp: 121835
 Ion Ratio Lower Upper
 107 100
 144 22.1 17.4 26.0
 142 70.9 54.1 81.1

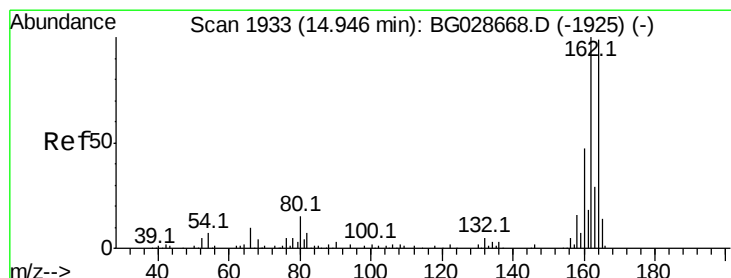
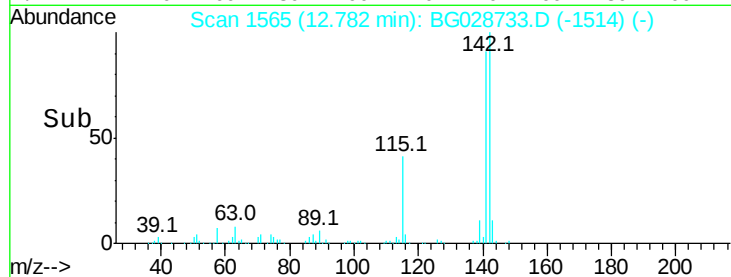
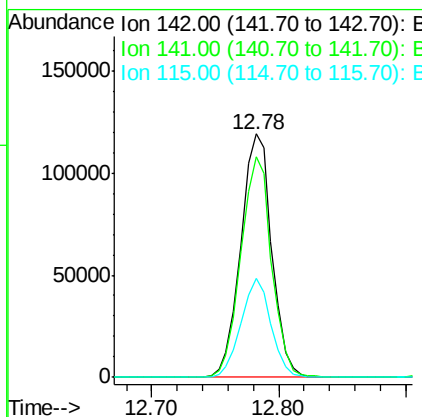
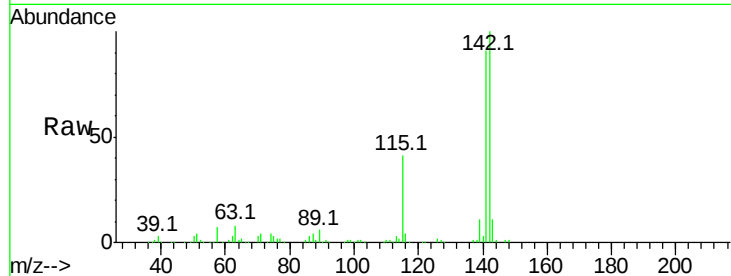




#37
2-Methylnaphthalene
Concen: 47.957 ng
RT: 12.78 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BG028733.D
Acq: 14 Sep 2017 15:22

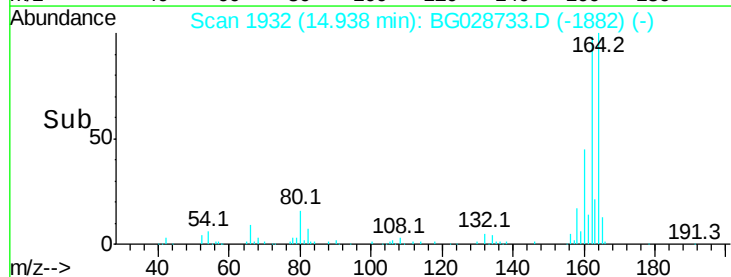
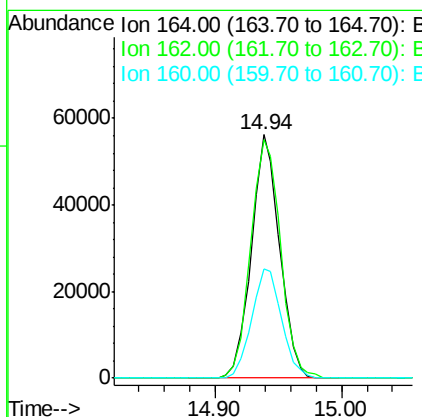
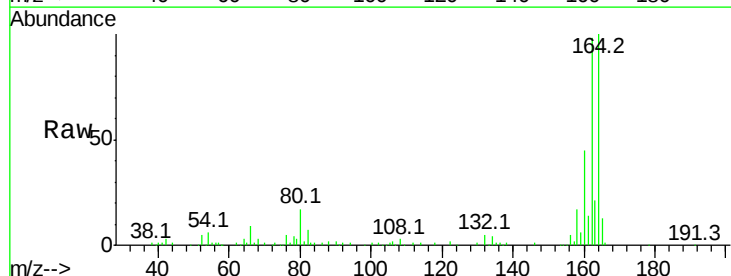
Instrument :
BNA_G
ClientSampleId :
20170600-COMP-AMS

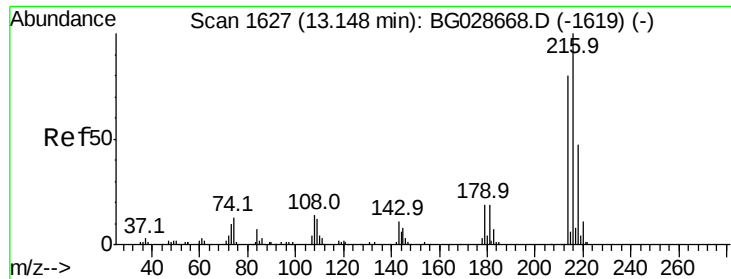
Tot Ion:142 Resp: 201689
Ion Ratio Lower Upper
142 100
141 90.7 70.4 105.6
115 40.6 35.5 53.3



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG028733.D
Acq: 14 Sep 2017 15:22

Tgt Ion:164 Resp: 87143
Ion Ratio Lower Upper
164 100
162 98.2 85.1 127.7
160 44.9 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.111 ng

RT: 13.15 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-AMS

Tot Ion:216 Resp: 129387

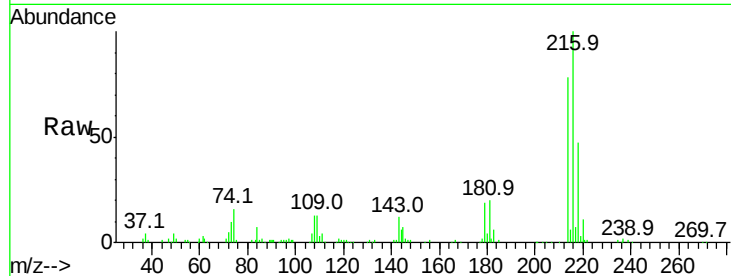
Ion Ratio Lower Upper

216 100

214 77.3 64.4 96.6

179 18.8 17.4 26.0

108 15.1 15.6 23.4#

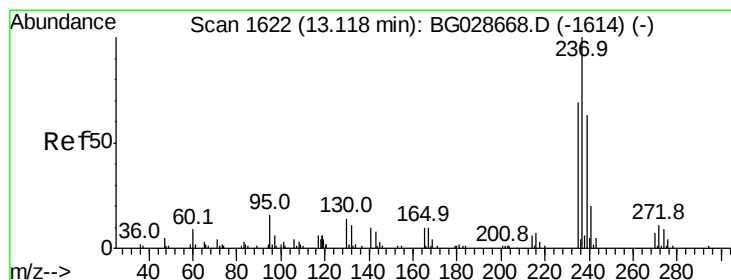
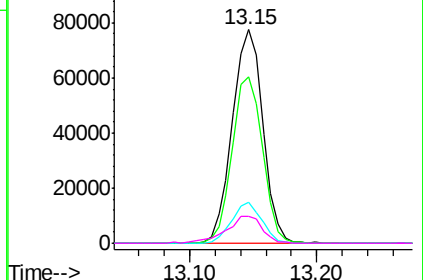
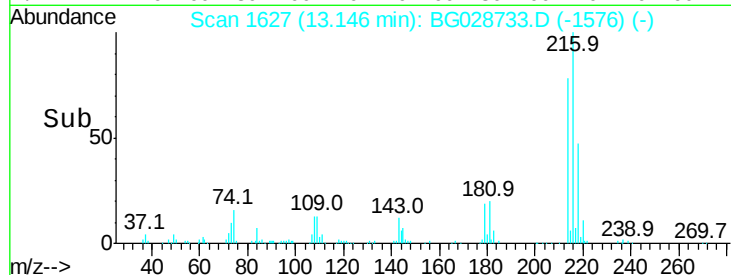


Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.546 ng

RT: 13.12 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

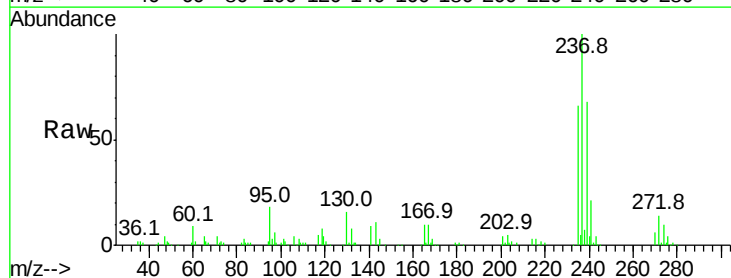
Tgt Ion:237 Resp: 104504

Ion Ratio Lower Upper

237 100

235 65.5 39.4 79.4

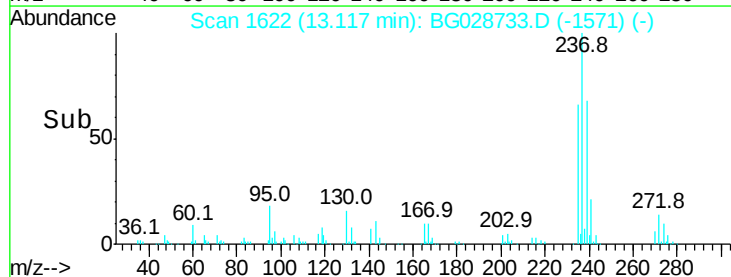
272 13.9 0.0 32.0



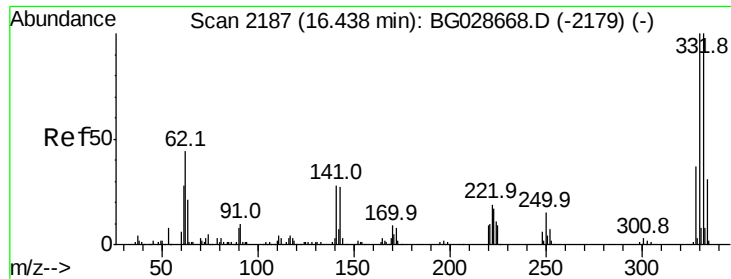
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



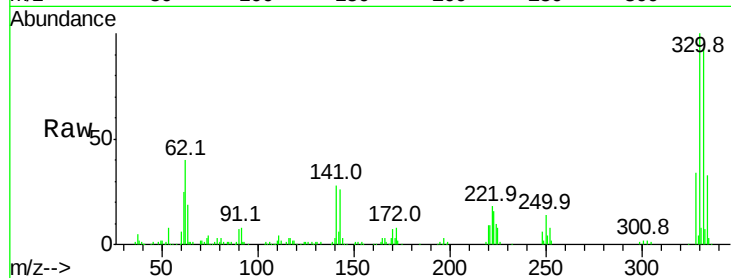
Time-->



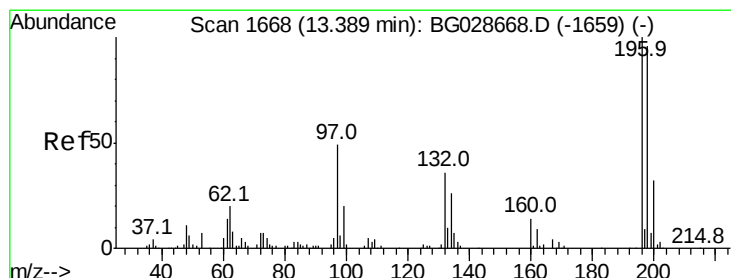
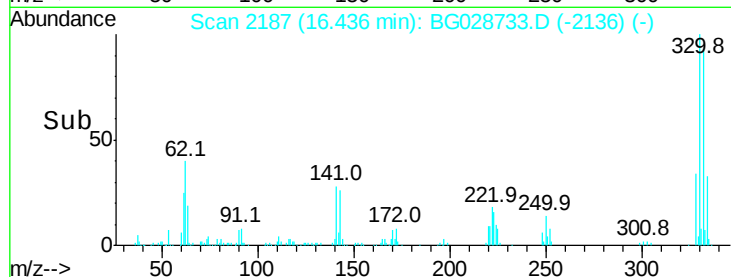
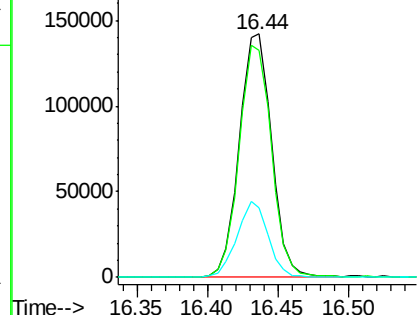
#41
 2,4,6-Tribromophenol
 Concen: 157.873 ng
 RT: 16.44 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG028733.D
 Acq: 14 Sep 2017 15:22

Instrument :
 BNA_G
 ClientSampleId :
 20170600-COMP-AMS

Tot Ion:330 Resp: 227541
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.3 115.9
 141 29.9 32.1 48.1#

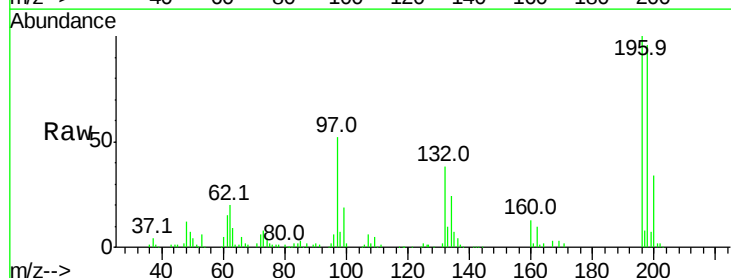


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

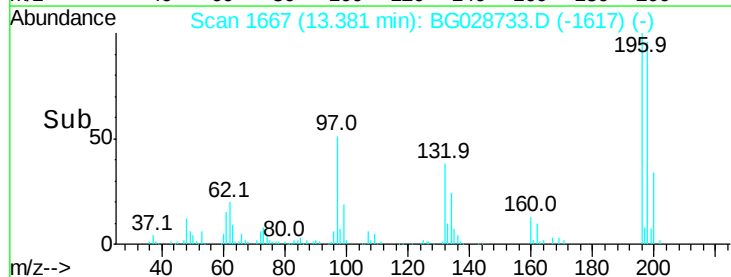
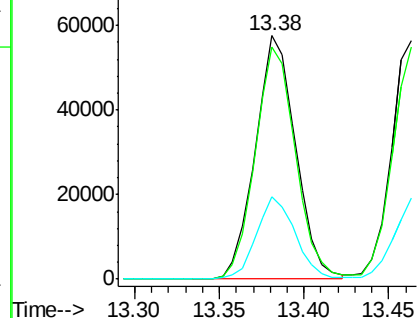


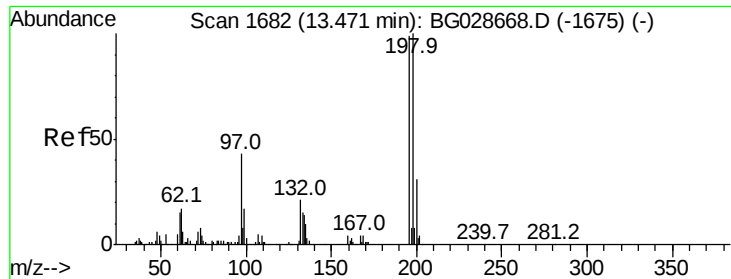
#42
 2,4,6-Trichlorophenol
 Concen: 42.018 ng
 RT: 13.38 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BG028733.D
 Acq: 14 Sep 2017 15:22

Tgt Ion:196 Resp: 95554
 Ion Ratio Lower Upper
 196 100
 198 95.6 81.4 122.2
 200 33.6 27.0 40.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

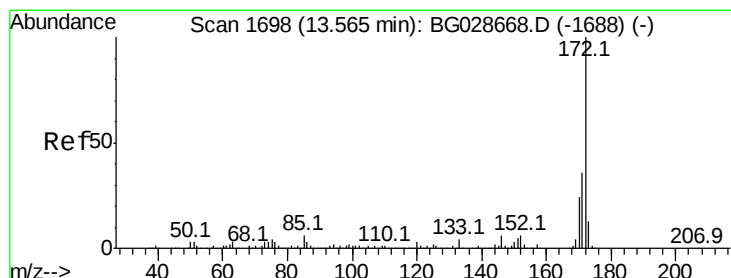
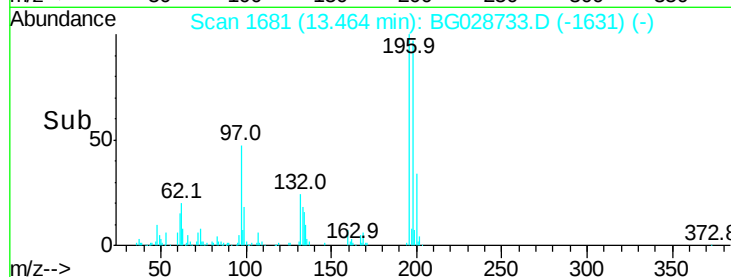
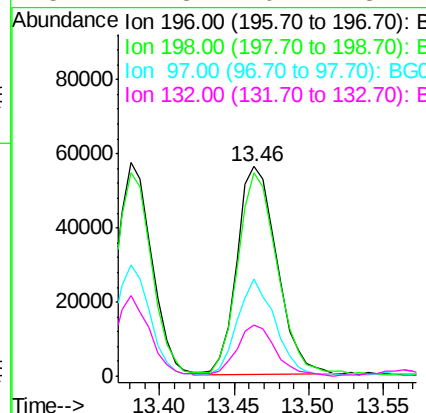
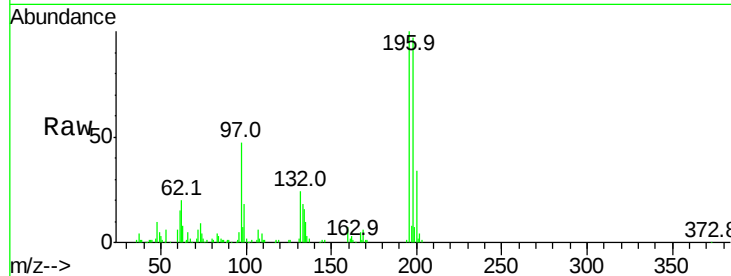




#43
 2,4,5-Trichlorophenol
 Concen: 45.806 ng
 RT: 13.46 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG028733.D
 Acq: 14 Sep 2017 15:22

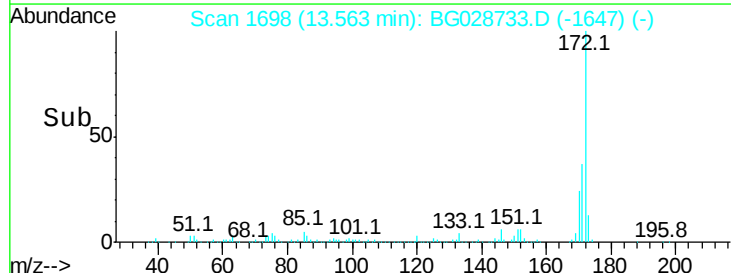
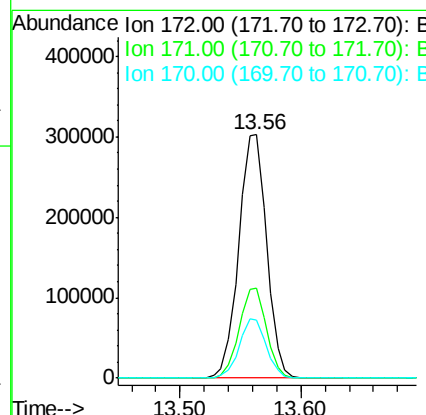
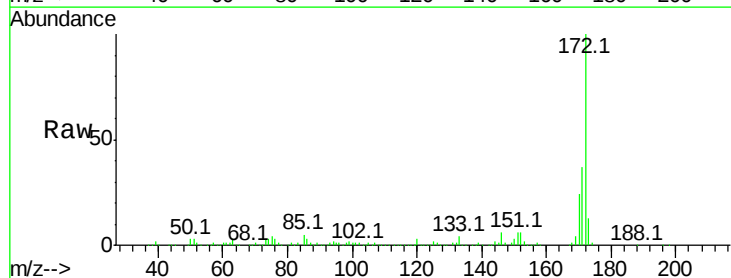
Instrument :
 BNA_G
 ClientSampleId :
 20170600-COMP-AMS

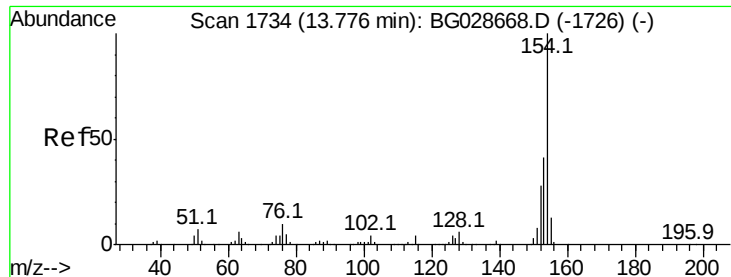
Tot Ion:196 Resp: 104672
 Ion Ratio Lower Upper
 196 100
 198 97.0 79.9 119.9
 97 46.8 45.4 68.0
 132 24.3 20.7 31.1



#44
 2-Fluorobiphenyl
 Concen: 74.728 ng
 RT: 13.56 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG028733.D
 Acq: 14 Sep 2017 15:22

Tgt Ion:172 Resp: 488367
 Ion Ratio Lower Upper
 172 100
 171 37.1 32.2 48.2
 170 23.8 21.8 32.6

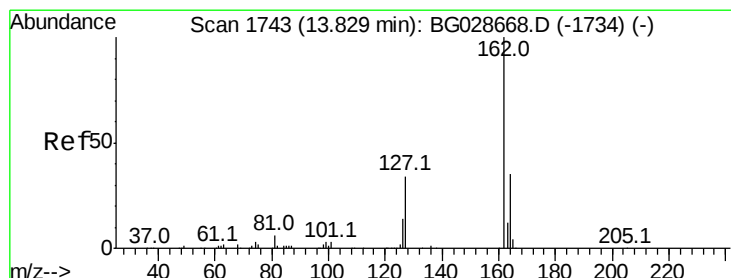
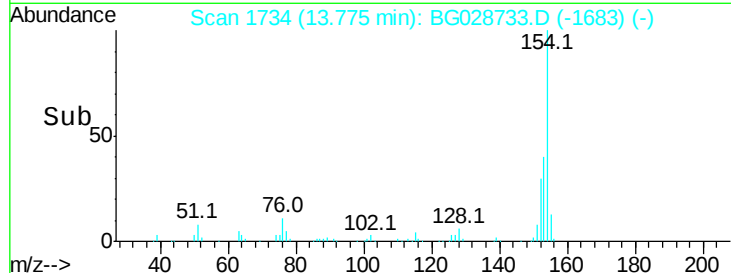
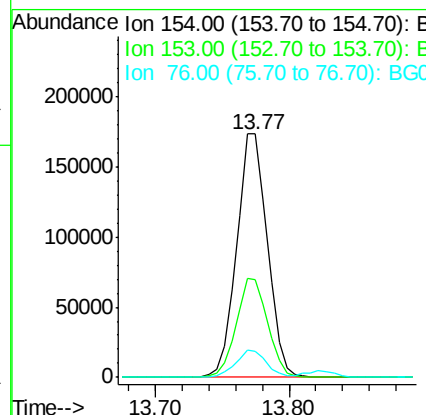
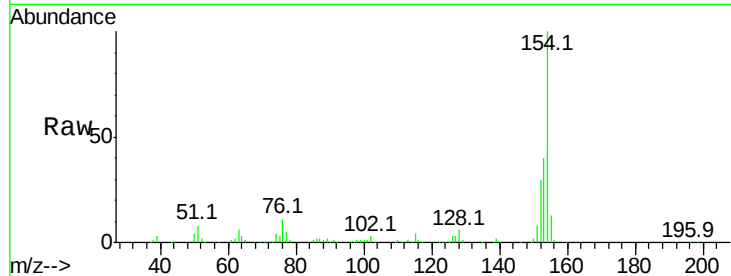




#45
 1,1'-Biphenyl
 Concen: 38.410 ng
 RT: 13.77 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG028733.D
 Acq: 14 Sep 2017 15:22

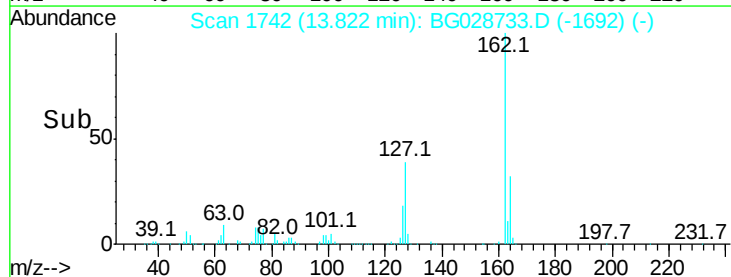
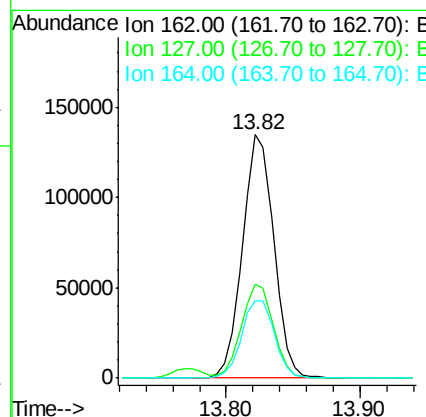
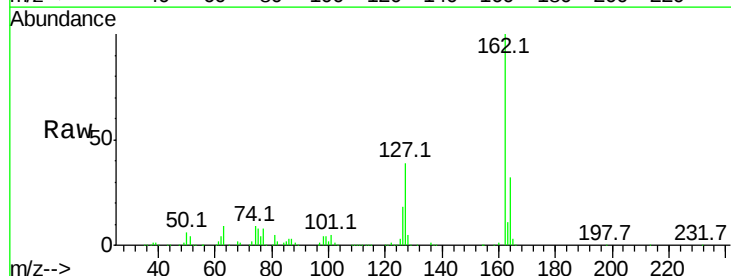
Instrument :
 BNA_G
 ClientSampleId :
 20170600-COMP-AMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	23.0	63.0
76	10.8	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 41.508 ng
 RT: 13.82 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG028733.D
 Acq: 14 Sep 2017 15:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.7	32.2	48.4
164	31.7	27.3	40.9

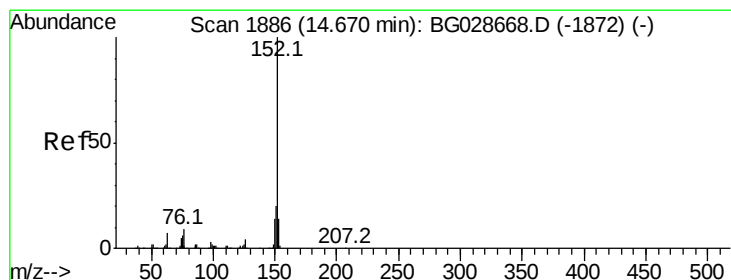
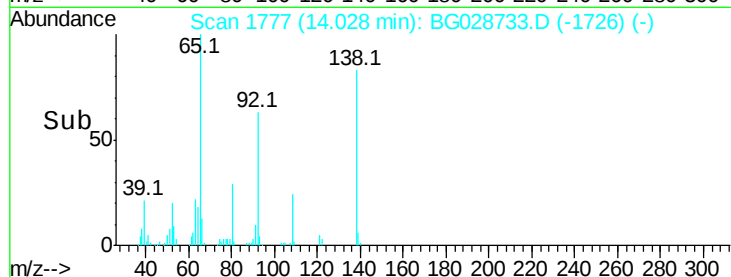
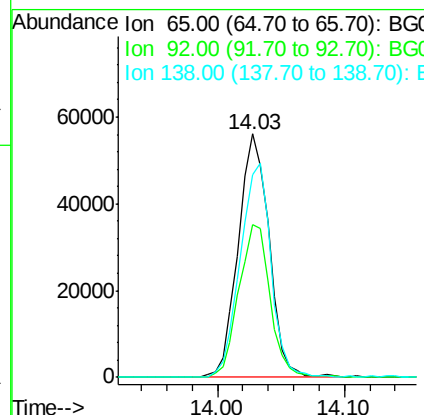
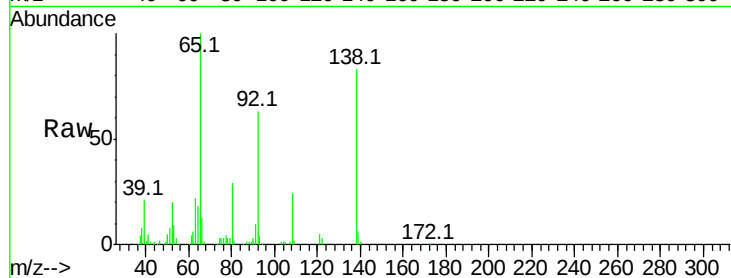




#47
2-Nitroaniline
Concen: 48.309 ng
RT: 14.03 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG028733.D
Acq: 14 Sep 2017 15:22

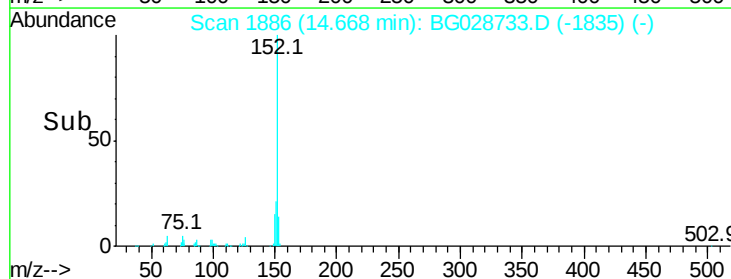
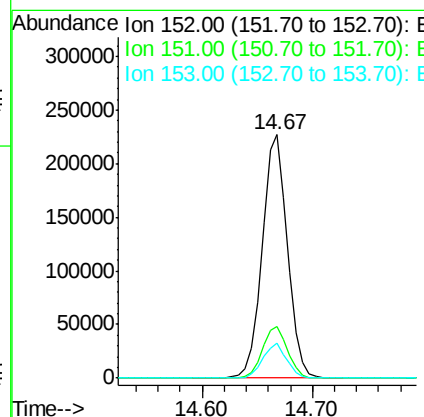
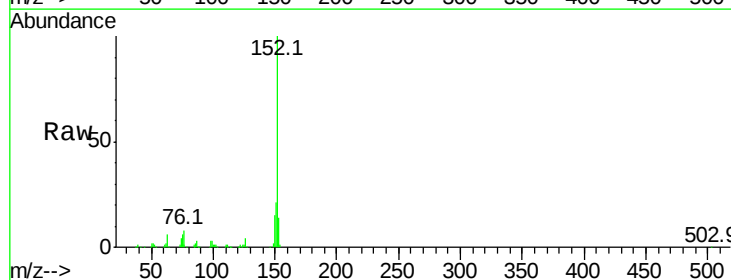
Instrument :
BNA_G
ClientSampleId :
20170600-COMP-AMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.9	49.0	73.4
138	83.4	58.6	87.8



#48
Acenaphthylene
Concen: 43.121 ng
RT: 14.67 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BG028733.D
Acq: 14 Sep 2017 15:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	18.2	27.2
153	14.1	11.3	16.9





#49

Dimethylphthalate

Concen: 54.388 ng

RT: 14.38 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-AMS

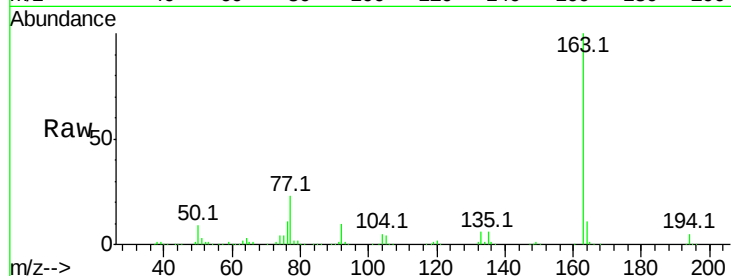
Tot Ion:163 Resp: 397438

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.6

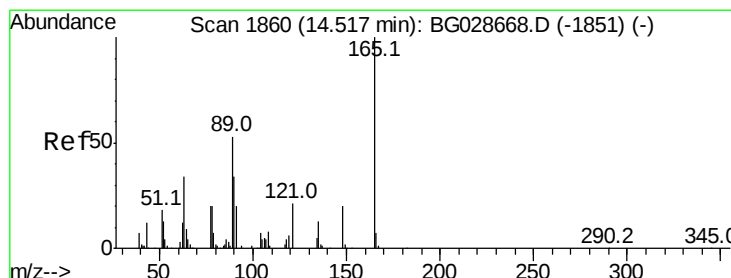
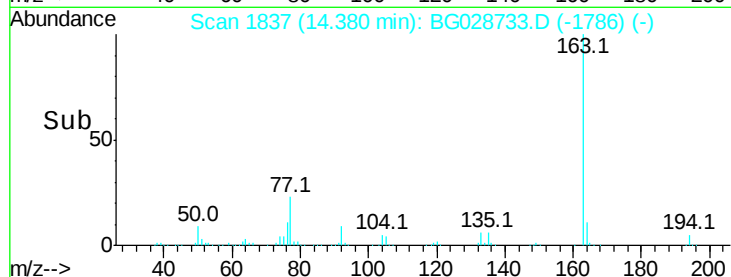
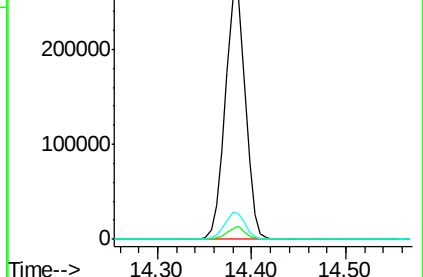
164 11.4 9.3 13.9



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: 47.686 ng

RT: 14.52 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

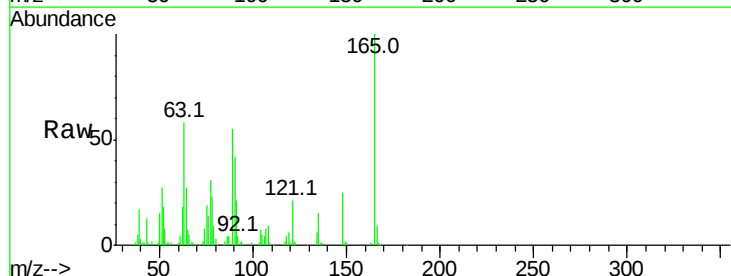
Tgt Ion:165 Resp: 77537

Ion Ratio Lower Upper

165 100

63 58.0 63.9 95.9#

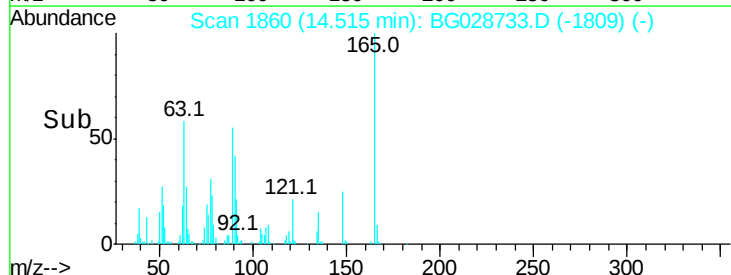
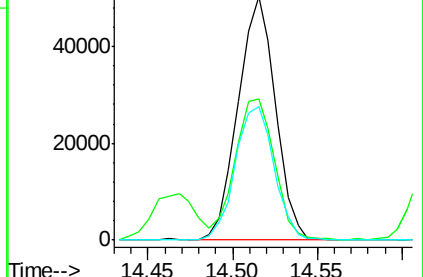
89 54.7 58.6 88.0#

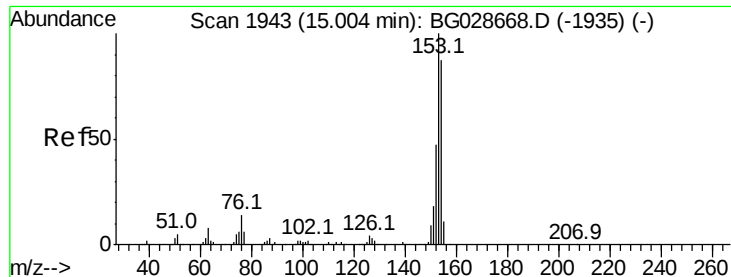


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 42.807 ng

RT: 15.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-AMS

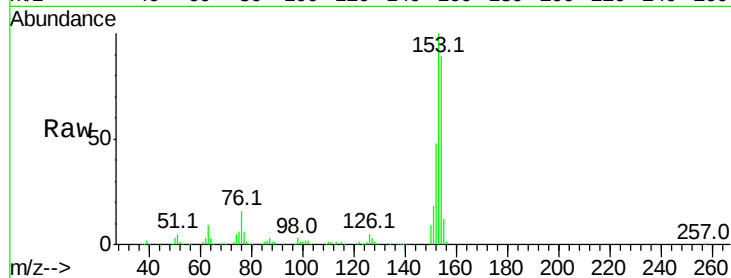
Tot Ion:154 Resp: 218628

Ion Ratio Lower Upper

154 100

153 112.8 87.8 131.6

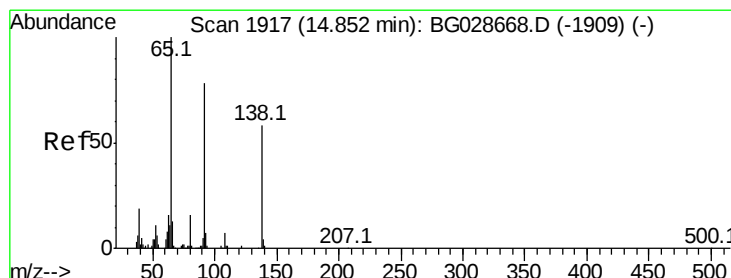
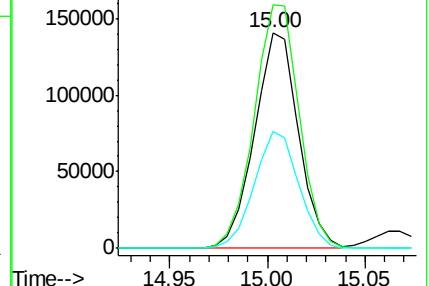
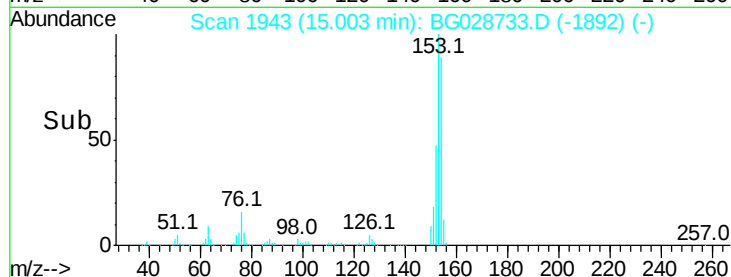
152 54.2 42.2 63.4



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: 42.794 ng

RT: 14.85 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

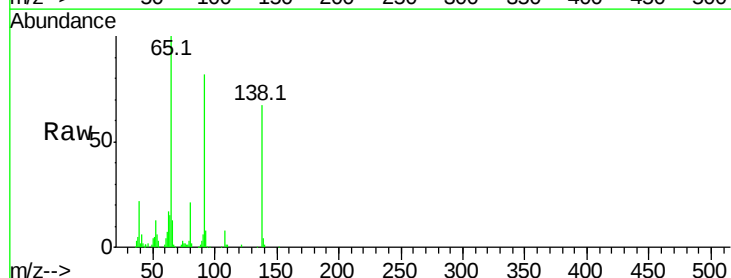
Tgt Ion:138 Resp: 61533

Ion Ratio Lower Upper

138 100

108 12.1 10.9 16.3

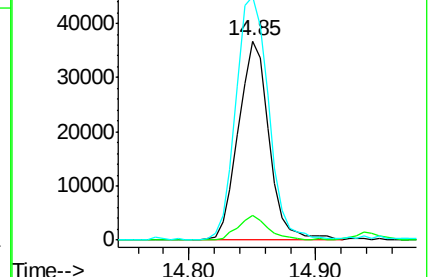
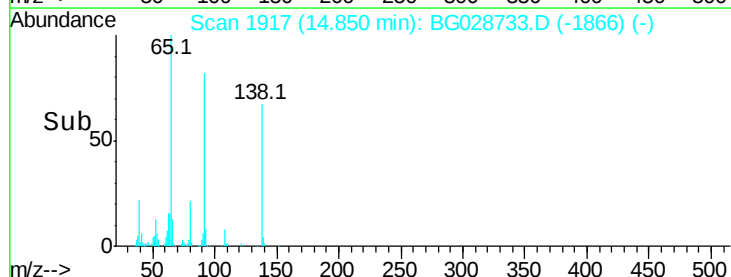
92 122.3 115.3 172.9

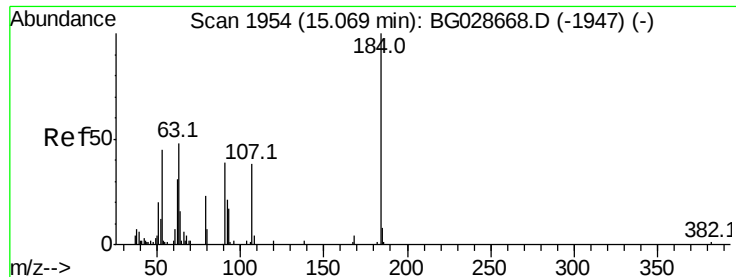


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

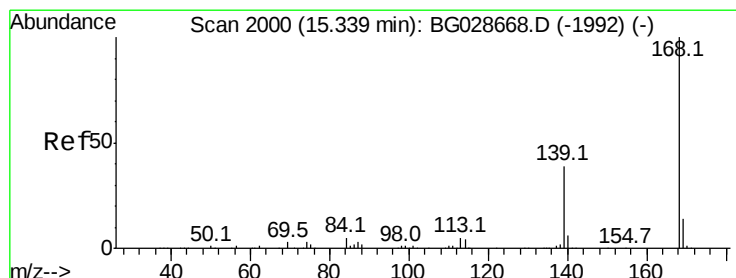
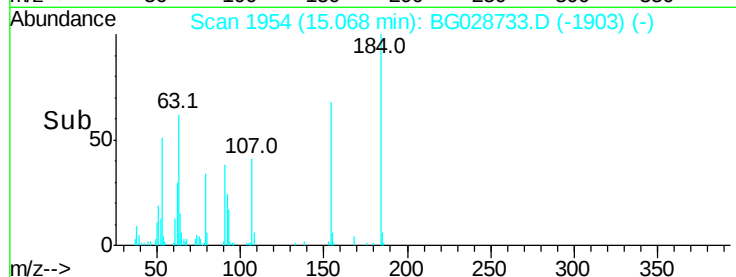
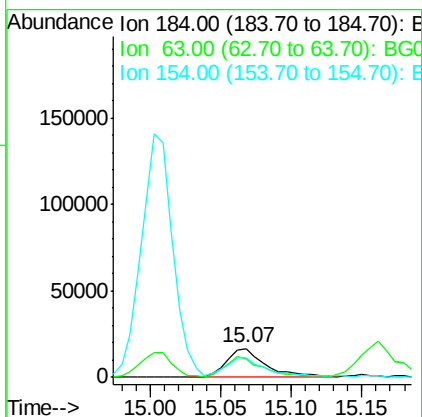
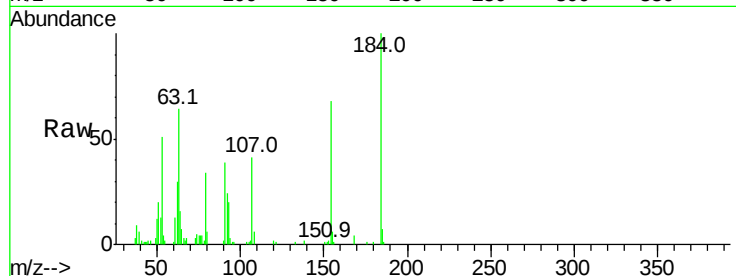




#53
2,4-Dinitrophenol
Concen: 42.385 ng
RT: 15.07 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG028733.D
Acq: 14 Sep 2017 15:22

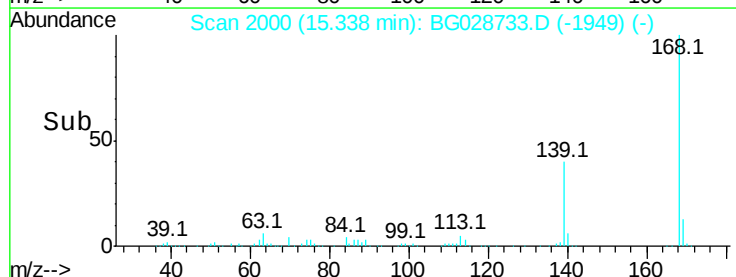
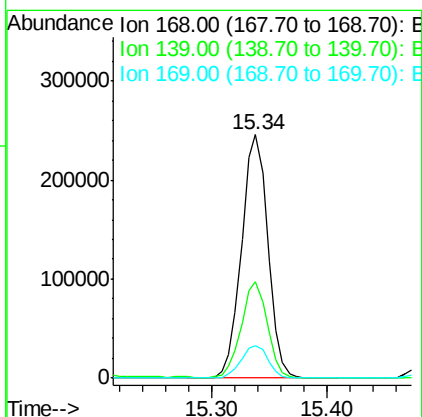
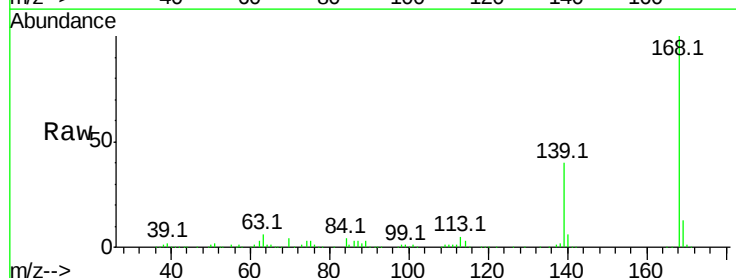
Instrument :
BNA_G
ClientSampleId :
20170600-COMP-AMS

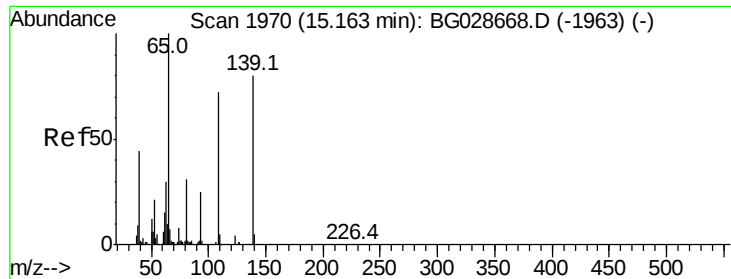
Tot Ion:184 Resp: 32733
Ion Ratio Lower Upper
184 100
63 63.8 52.7 79.1
154 68.1 57.3 85.9



#54
Dibenzofuran
Concen: 47.775 ng
RT: 15.34 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BG028733.D
Acq: 14 Sep 2017 15:22

Tgt Ion:168 Resp: 389116
Ion Ratio Lower Upper
168 100
139 39.7 35.3 52.9
169 13.4 11.5 17.3

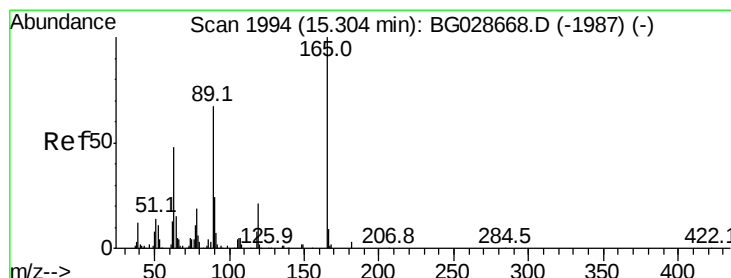
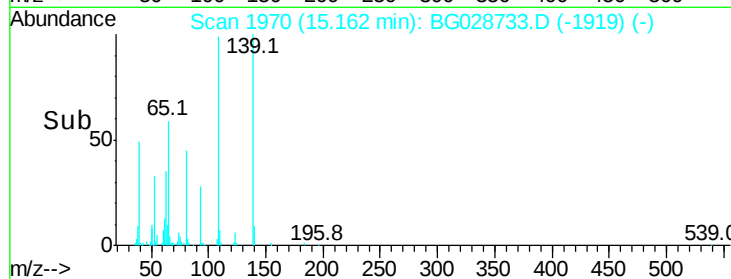
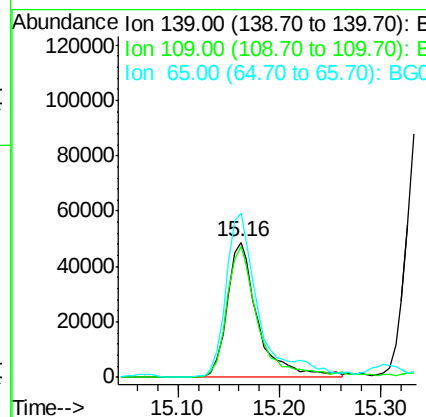
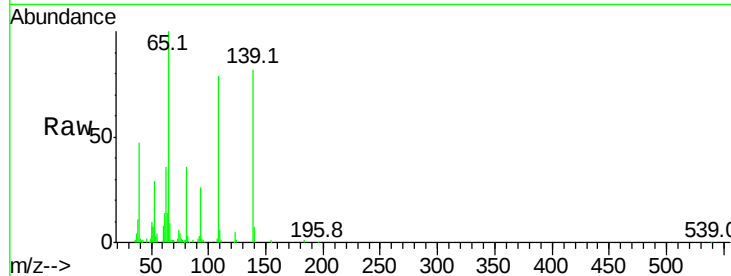




#55
4-Nitrophenol
Concen: 97.064 ng
RT: 15.16 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG028733.D
Acq: 14 Sep 2017 15:22

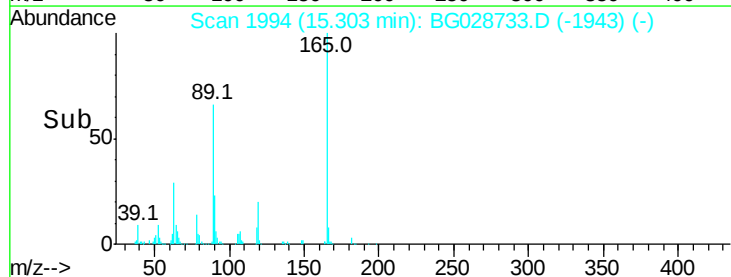
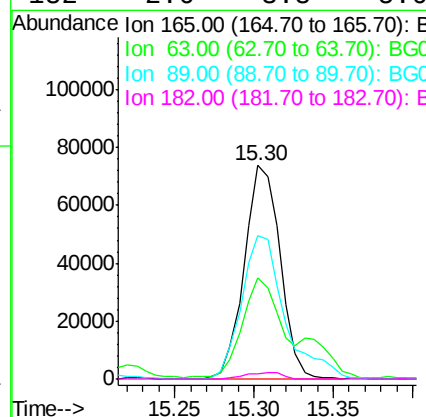
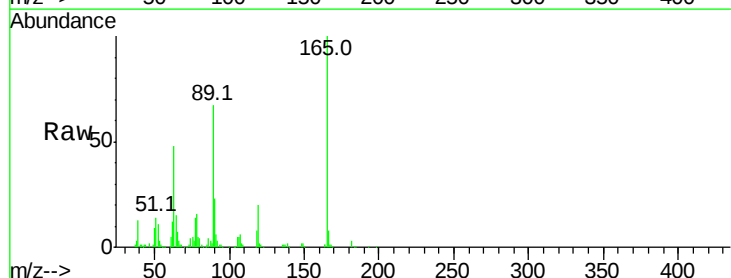
Instrument :
BNA_G
ClientSampleId :
20170600-COMP-AMS

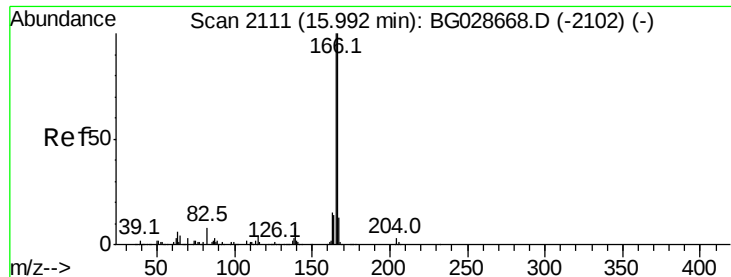
Tot Ion:139 Resp: 102254
Ion Ratio Lower Upper
139 100
109 96.9 101.2 141.2#
65 122.3 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 50.723 ng
RT: 15.30 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BG028733.D
Acq: 14 Sep 2017 15:22

Tgt Ion:165 Resp: 115967
Ion Ratio Lower Upper
165 100
63 47.7 44.0 66.0
89 67.2 67.3 100.9#
182 2.6 3.8 5.6#





#57

Fluorene

Concen: 47.196 ng

RT: 15.98 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-AMS

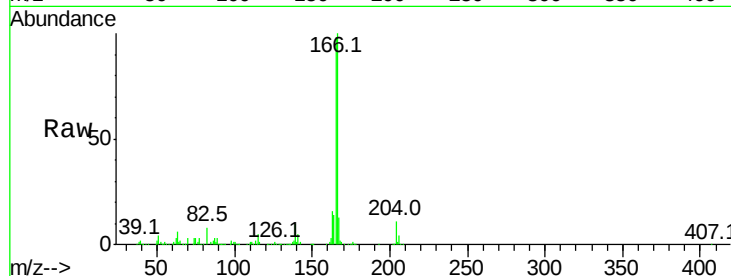
Tot Ion:166 Resp: 343177

Ion Ratio Lower Upper

166 100

165 97.8 78.6 117.8

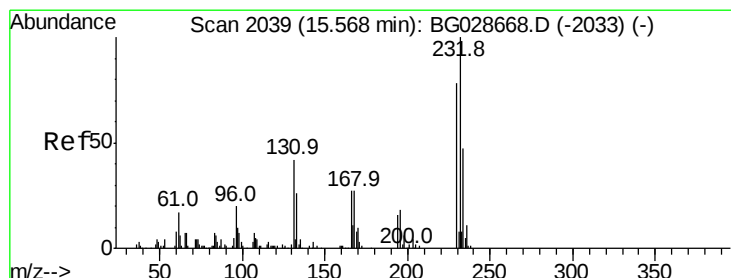
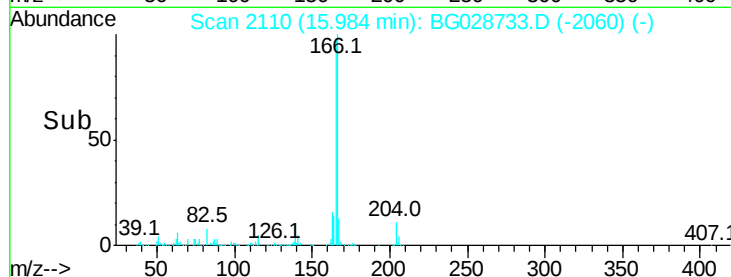
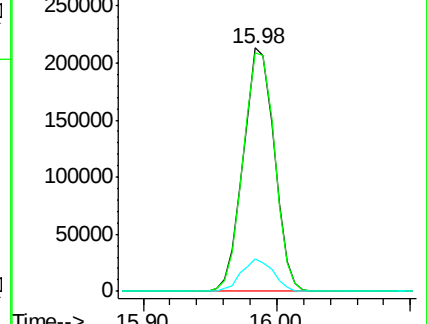
167 13.3 11.6 17.4



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: 55.291 ng

RT: 15.57 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

Tgt Ion:232 Resp: 111355

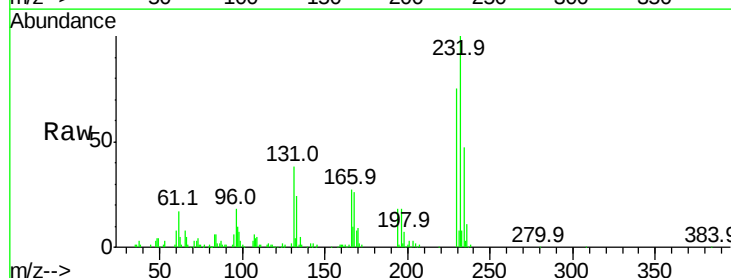
Ion Ratio Lower Upper

232 100

131 37.5 34.9 52.3

130 2.2 2.3 3.5#

166 27.6 24.2 36.4

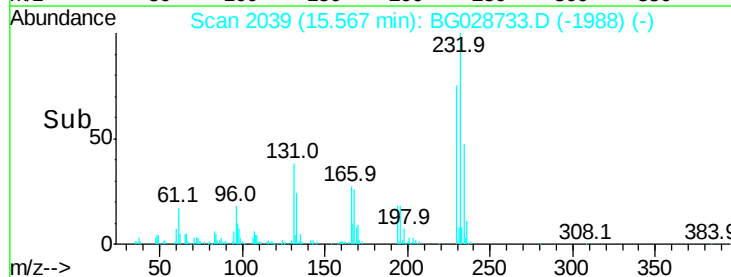
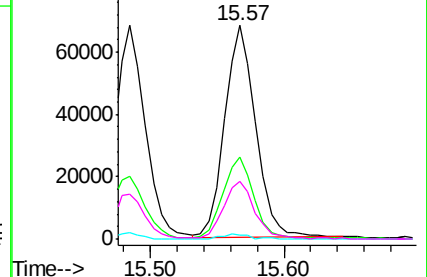


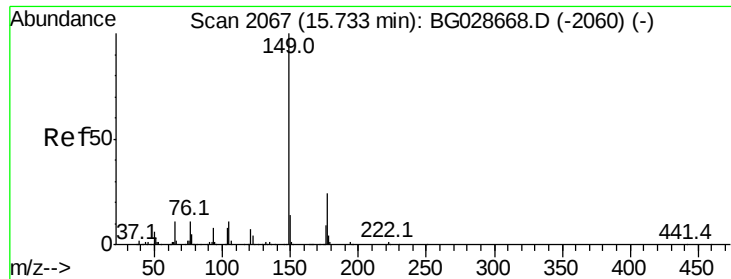
Abundance Ion 232.00 (231.70 to 232.70): E

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

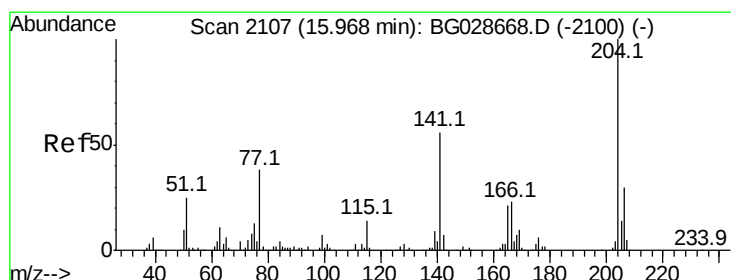
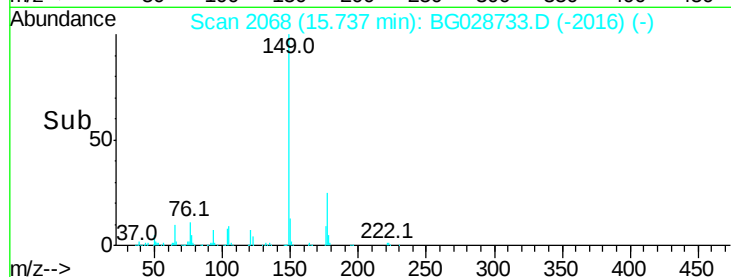
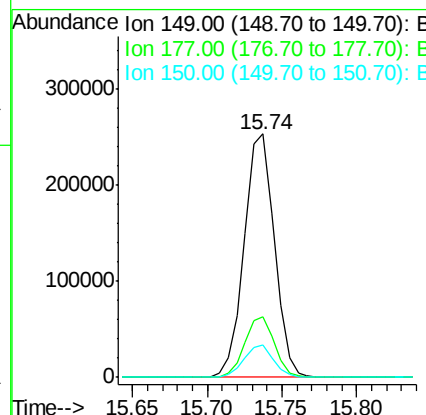
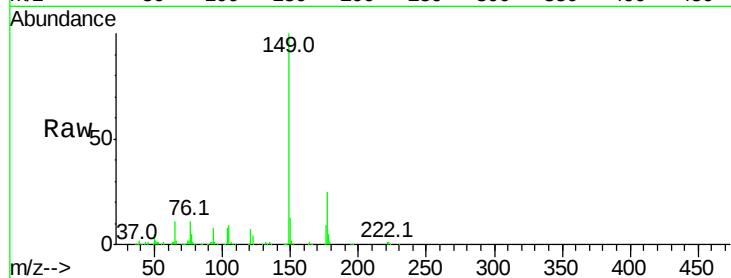




#59
Diethylphthalate
Concen: 47.286 ng
RT: 15.74 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BG028733.D
Acq: 14 Sep 2017 15:22

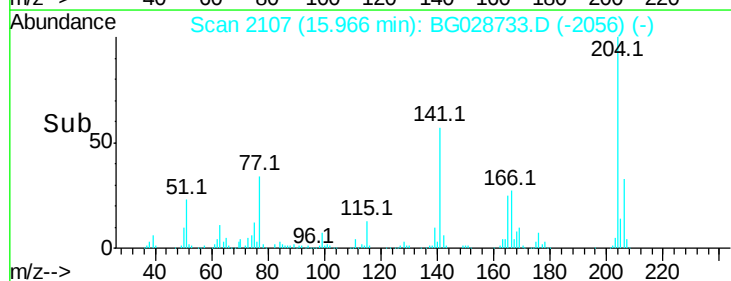
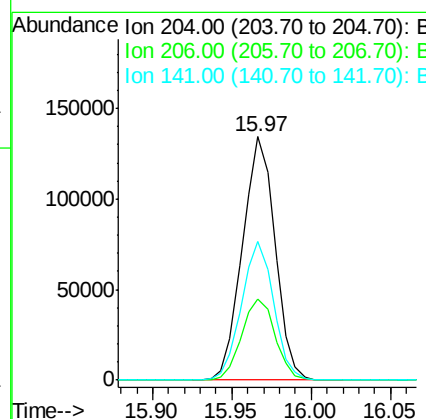
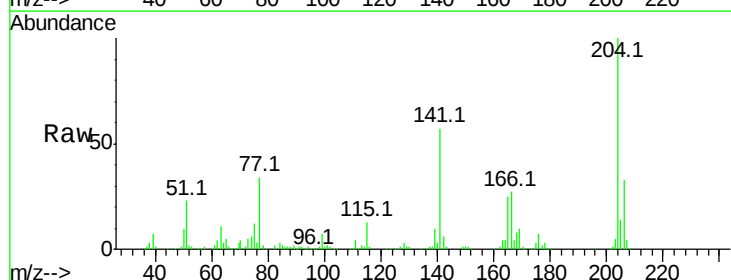
Instrument :
BNA_G
ClientSampleId :
20170600-COMP-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.7	20.1	30.1
150	13.4	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 46.436 ng
RT: 15.97 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BG028733.D
Acq: 14 Sep 2017 15:22

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	30.1	45.1
141	57.2	50.6	76.0

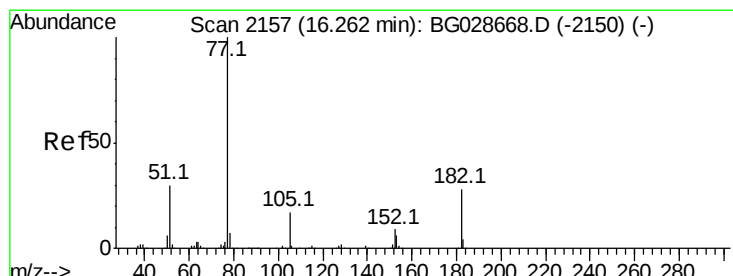
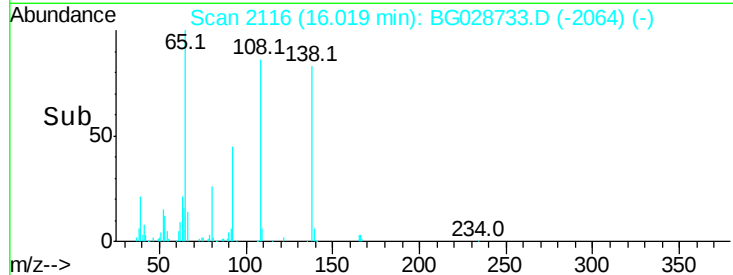
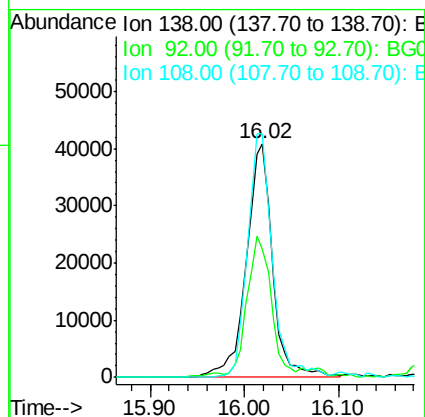
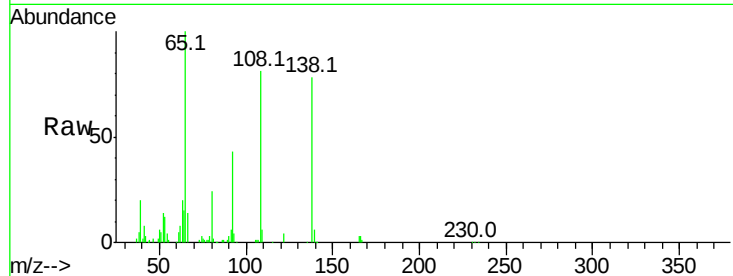




#61
4-Nitroaniline
Concen: 51.779 ng
RT: 16.02 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BG028733.D
Acq: 14 Sep 2017 15:22

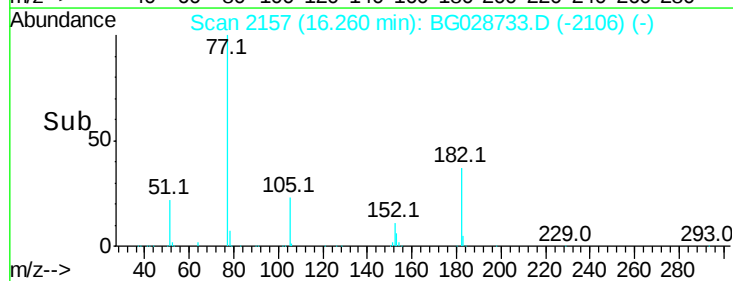
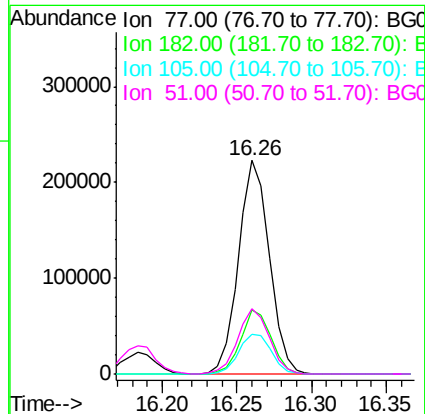
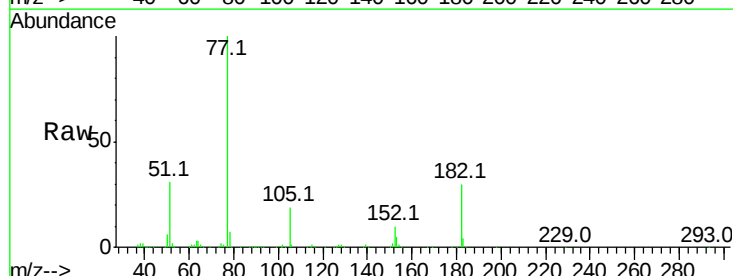
Instrument :
BNA_G
ClientSampleId :
20170600-COMP-AMS

Tot Ion:138 Resp: 78876
Ion Ratio Lower Upper
138 100
92 55.2 44.2 84.2
108 104.2 104.8 144.8#



#62
Azobenzene
Concen: 50.601 ng
RT: 16.26 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BG028733.D
Acq: 14 Sep 2017 15:22

Tgt Ion: 77 Resp: 319582
Ion Ratio Lower Upper
77 100
182 30.1 4.7 44.7
105 18.8 0.0 36.3
51 30.8 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-AMS

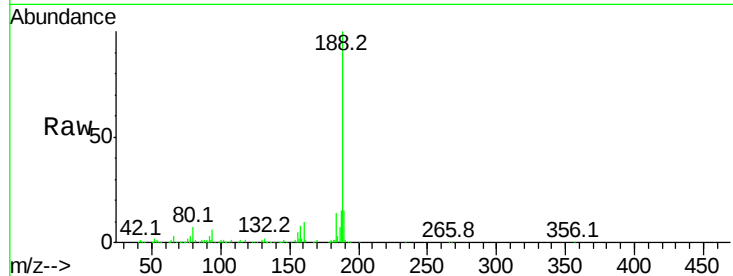
Tot Ion:188 Resp: 258132

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

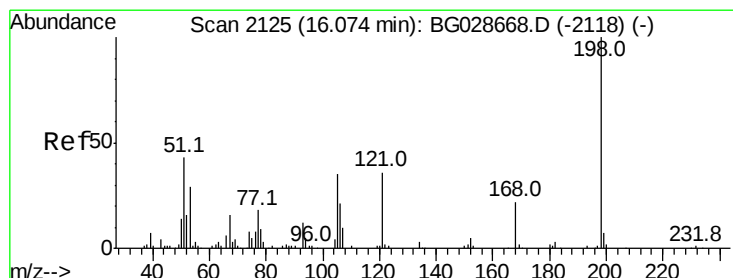
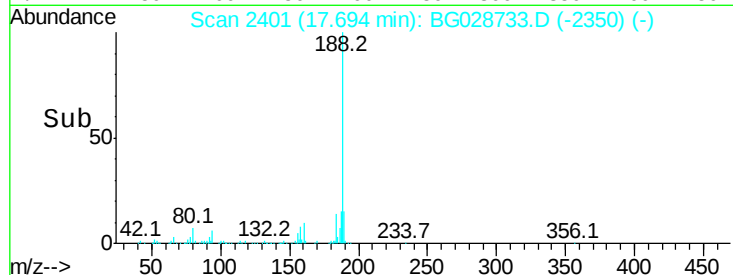
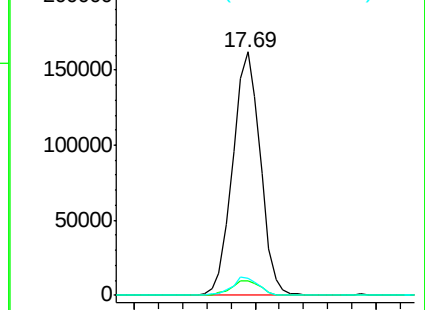
80 6.8 7.5 11.3#



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: 37.702 ng

RT: 16.07 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

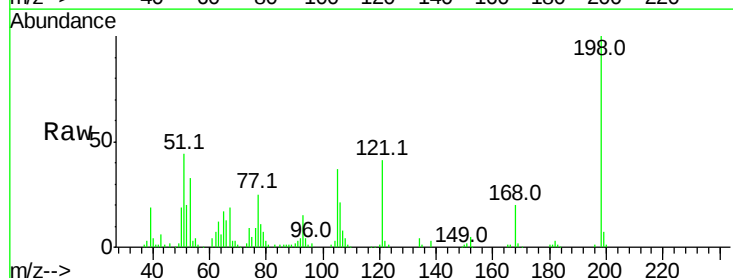
Tgt Ion:198 Resp: 62798

Ion Ratio Lower Upper

198 100

51 43.5 22.6 62.6

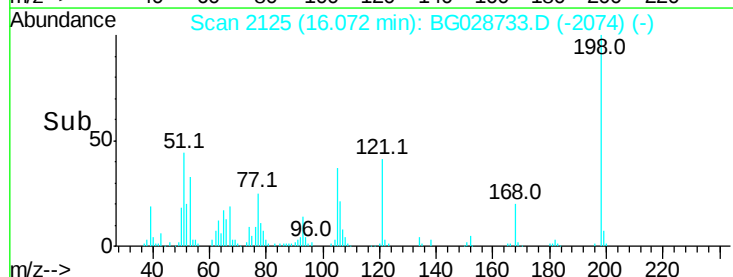
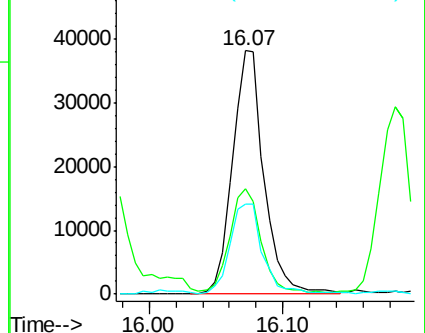
105 37.0 14.4 54.4



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

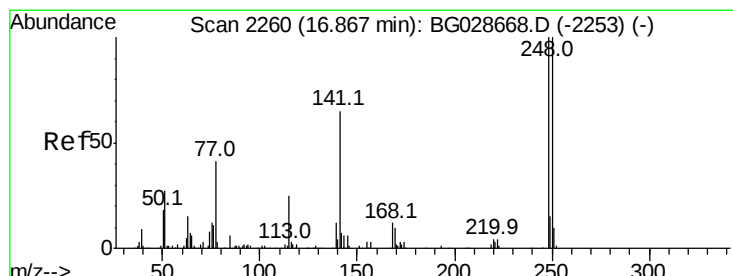
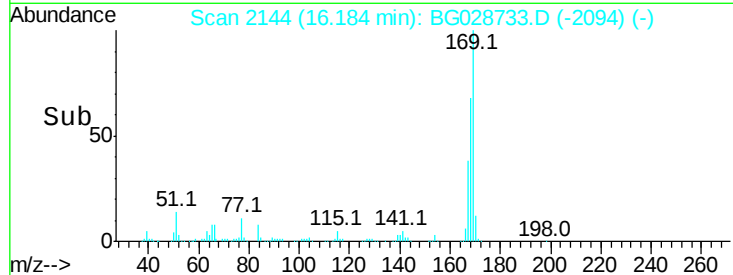
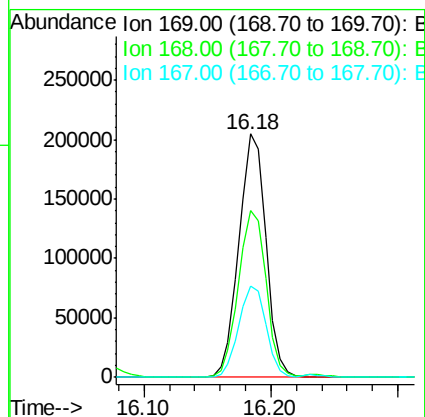
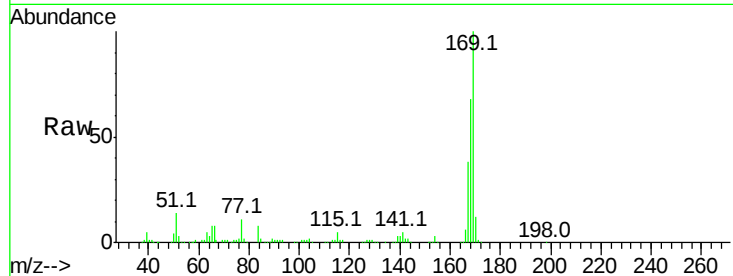




#65
 n-Nitrosodiphenylamine
 Concen: 40.989 ng
 RT: 16.18 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BG028733.D
 Acq: 14 Sep 2017 15:22

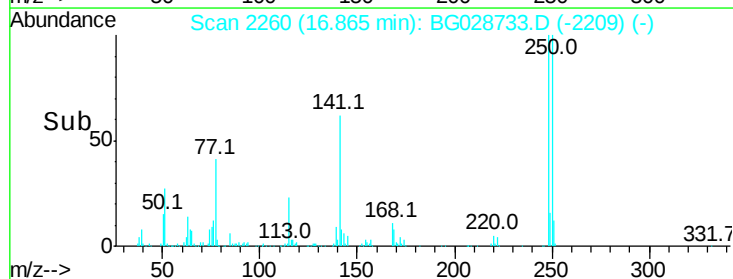
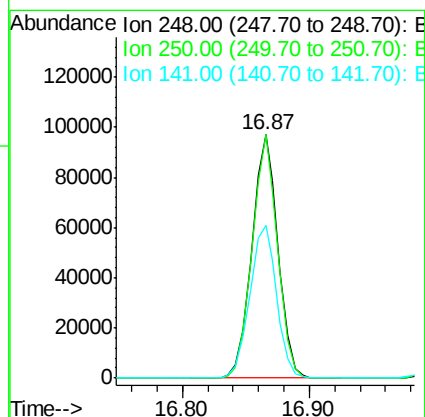
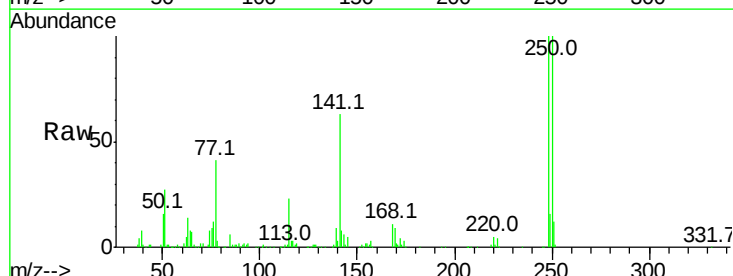
Instrument :
 BNA_G
 ClientSampleId :
 20170600-COMP-AMS

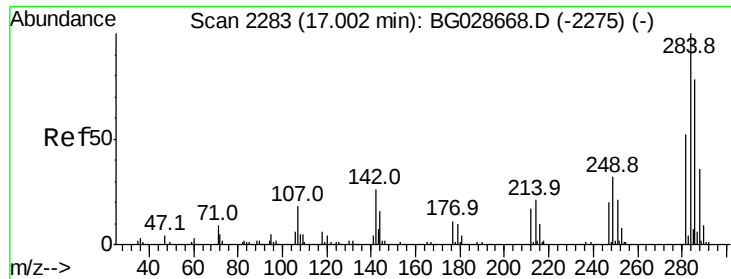
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.3	55.7	83.5
167	37.6	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 41.706 ng
 RT: 16.87 min Scan# 2260
 Delta R.T. -0.00 min
 Lab File: BG028733.D
 Acq: 14 Sep 2017 15:22

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.8	75.0	112.6
141	62.5	55.2	82.8





#67

Hexachlorobenzene

Concen: 38.814 ng

RT: 17.00 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-AMS

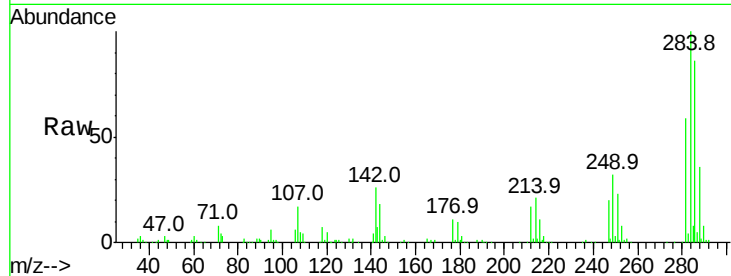
Tot Ion:284 Resp: 146730

Ion Ratio Lower Upper

284 100

142 26.4 29.9 44.9#

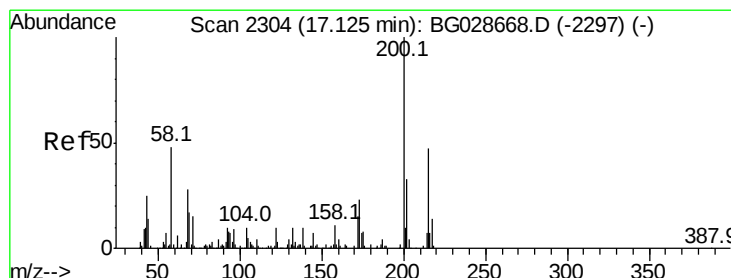
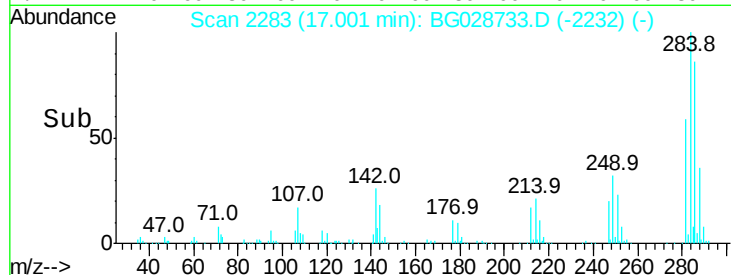
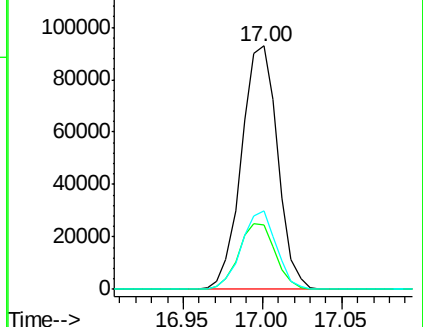
249 32.4 29.2 43.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.726 ng

RT: 17.13 min Scan# 2305

Delta R.T. 0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

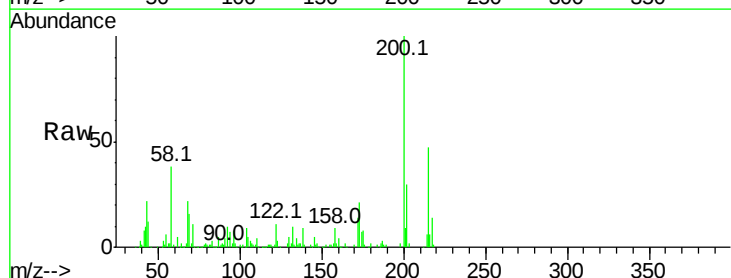
Tgt Ion:200 Resp: 138927

Ion Ratio Lower Upper

200 100

173 21.4 3.0 43.0

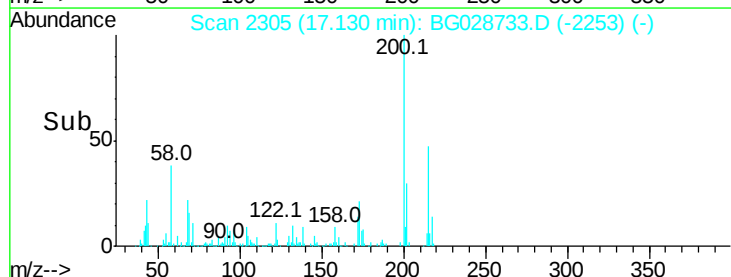
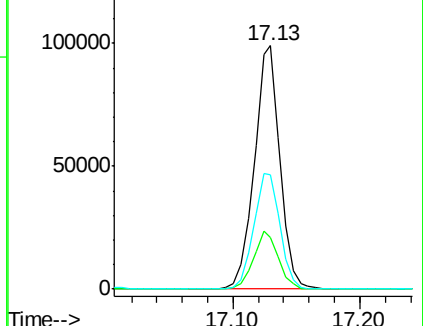
215 47.1 28.4 68.4

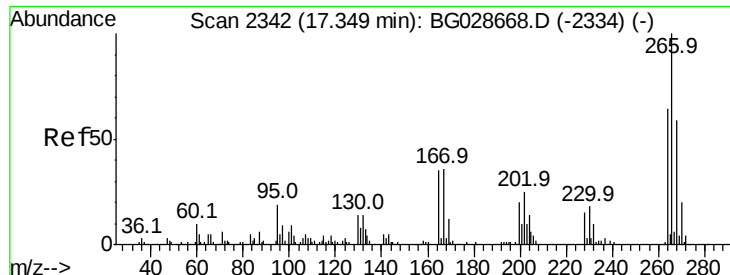


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 84.595 ng

RT: 17.35 min Scan# 2342

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-AMS

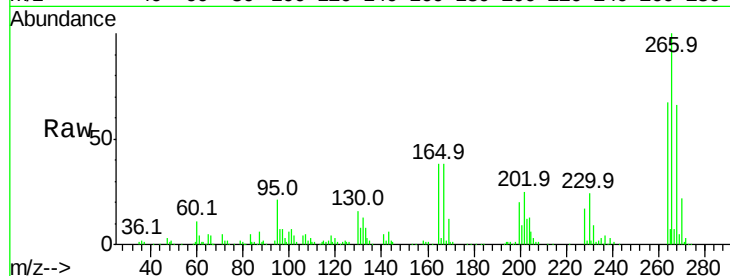
Tot Ion:266 Resp: 144490

Ion Ratio Lower Upper

266 100

268 65.8 48.6 72.8

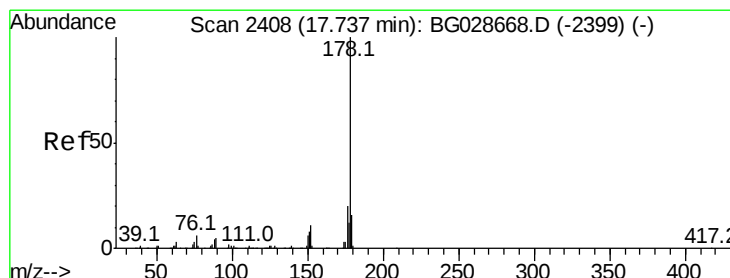
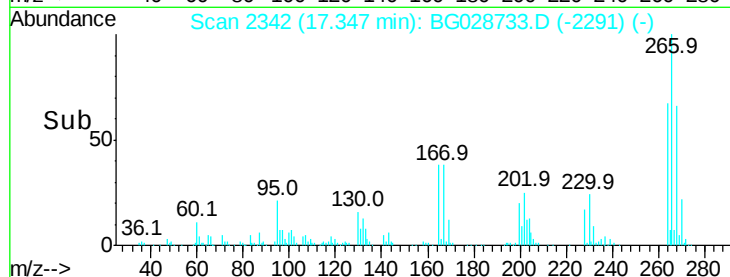
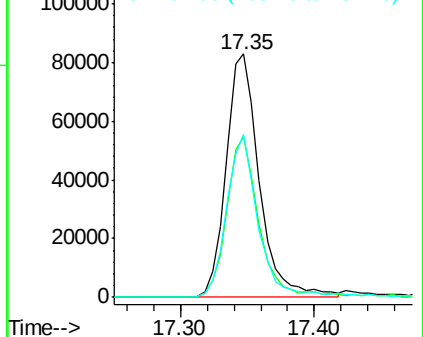
264 66.9 50.1 75.1



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: 43.741 ng

RT: 17.73 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

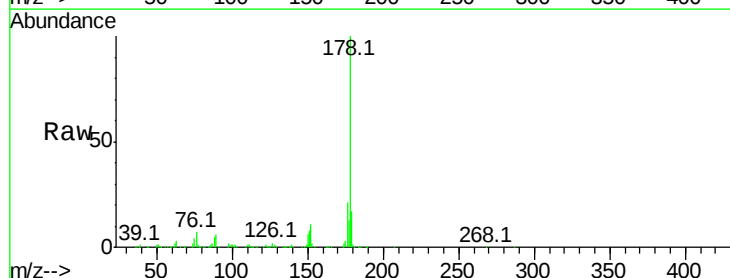
Tgt Ion:178 Resp: 577395

Ion Ratio Lower Upper

178 100

176 20.6 17.7 26.5

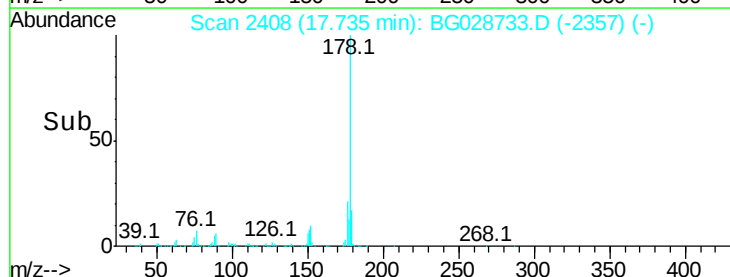
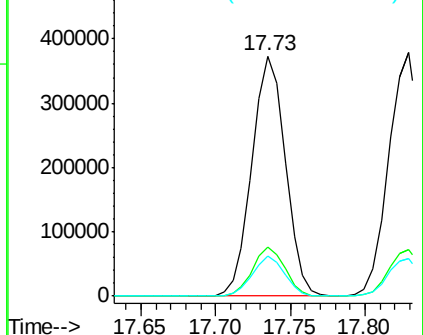
179 17.0 15.0 22.6

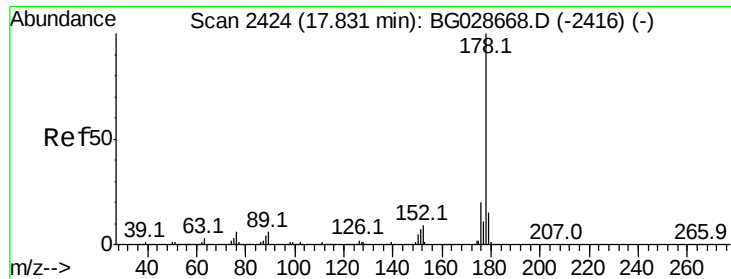


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

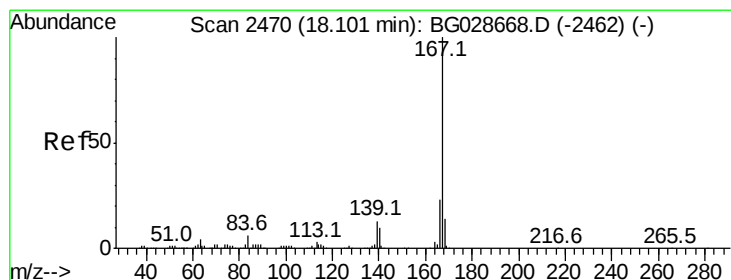
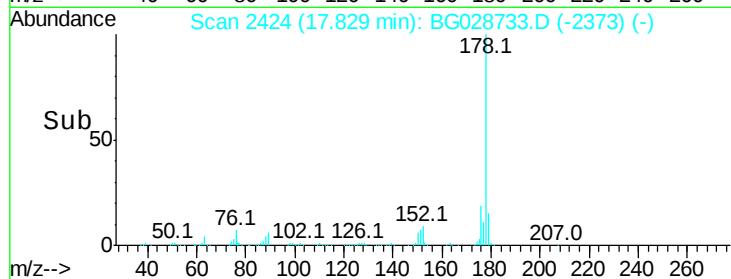
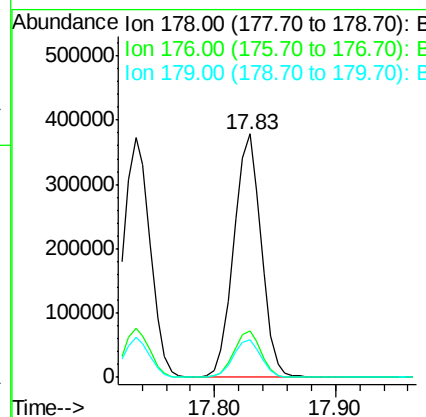
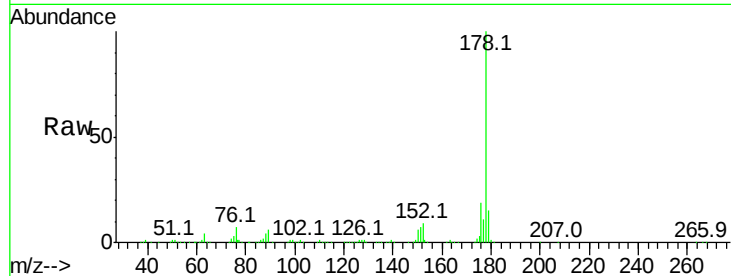




#71
 Anthracene
 Concen: 44.668 ng
 RT: 17.83 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG028733.D
 Acq: 14 Sep 2017 15:22

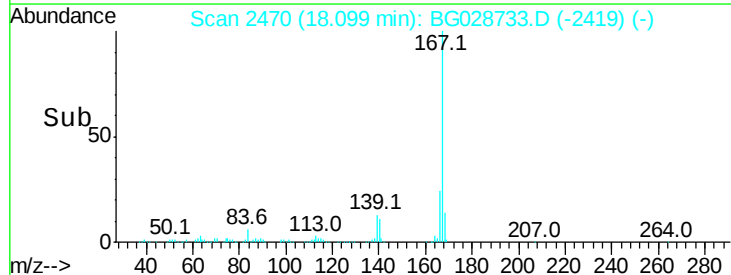
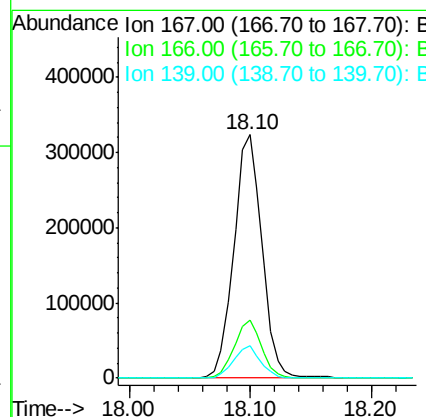
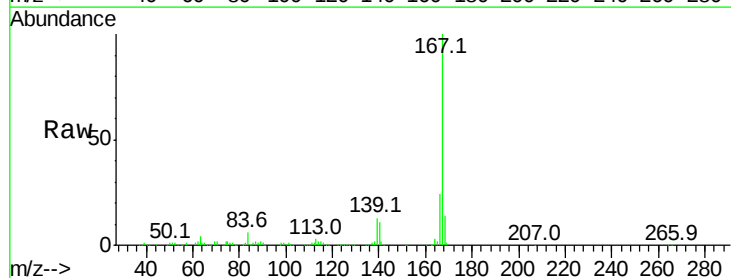
Instrument :
 BNA_G
 ClientSampleId :
 20170600-COMP-AMS

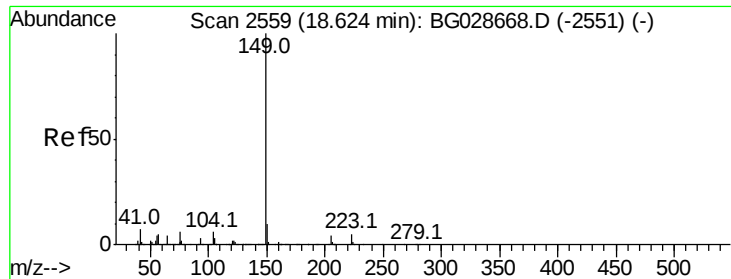
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.4	24.6
179	15.3	13.8	20.8



#72
 Carbazole
 Concen: 43.613 ng
 RT: 18.10 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BG028733.D
 Acq: 14 Sep 2017 15:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	20.2	30.2
139	13.1	12.8	19.2

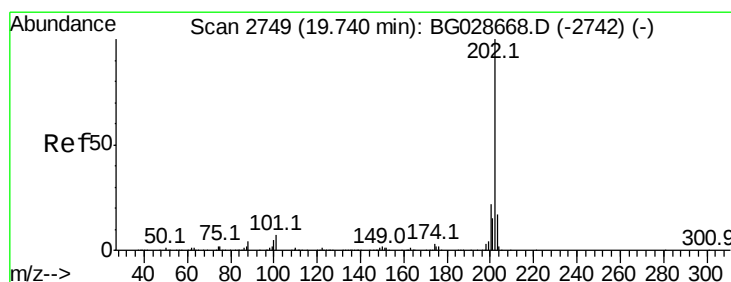
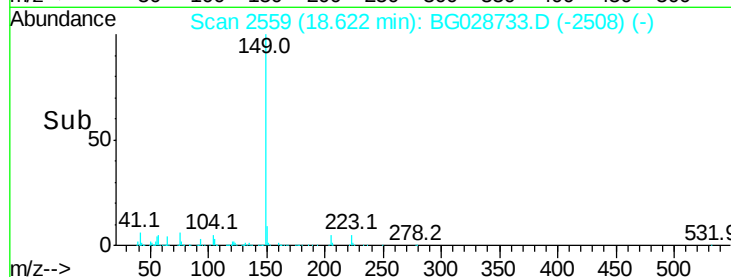
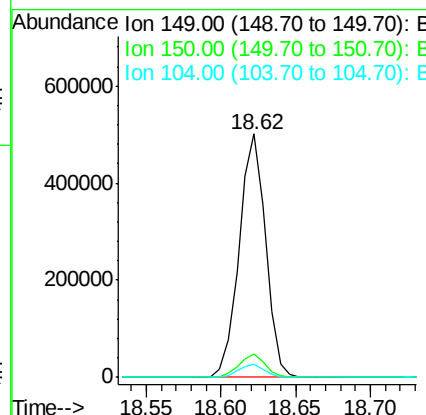
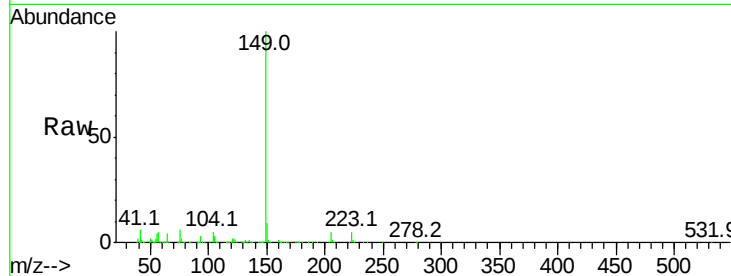




#73
Di-n-butylphthalate
Concen: 42.182 ng
RT: 18.62 min Scan# 2559
Delta R.T. -0.00 min
Lab File: BG028733.D
Acq: 14 Sep 2017 15:22

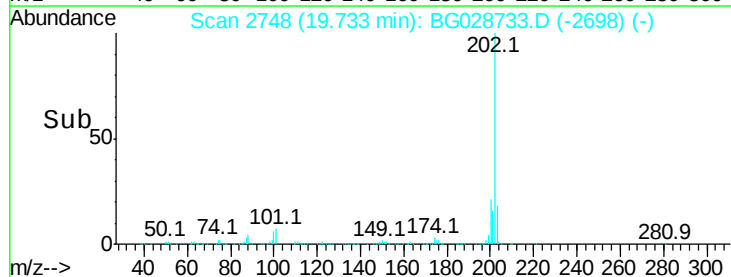
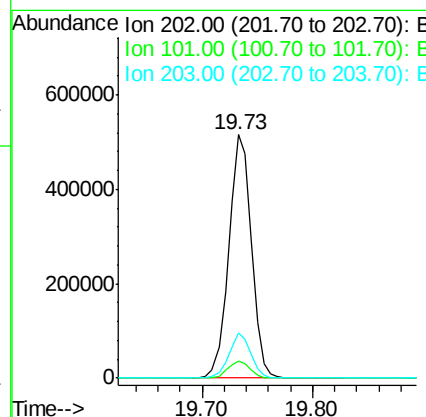
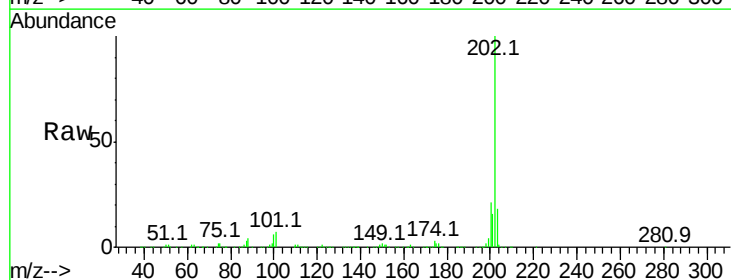
Instrument :
BNA_G
ClientSampleId :
20170600-COMP-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	9.1	13.7
104	5.4	6.7	10.1



#74
Fluoranthene
Concen: 45.643 ng
RT: 19.73 min Scan# 2748
Delta R.T. -0.01 min
Lab File: BG028733.D
Acq: 14 Sep 2017 15:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	30.1
203	18.5	1.3	41.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-AMS

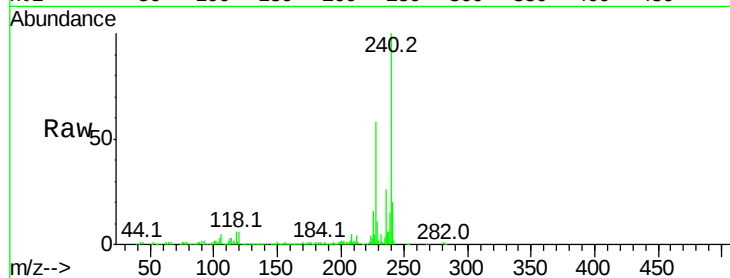
Tot Ion:240 Resp: 290618

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

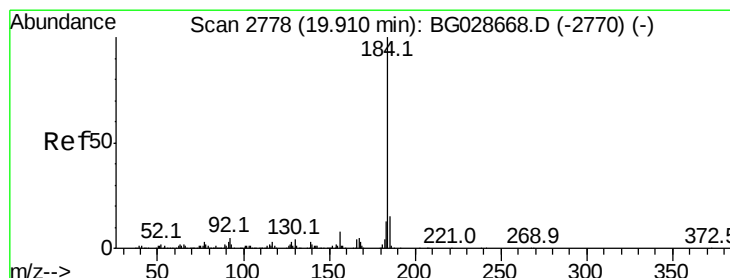
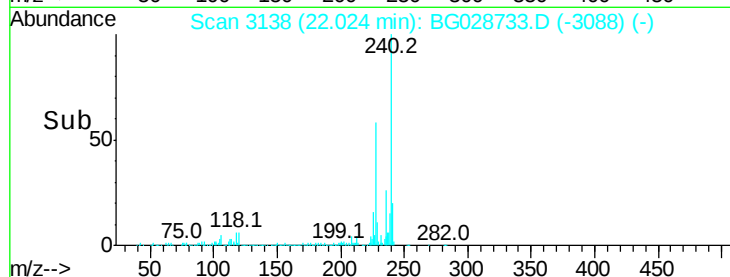
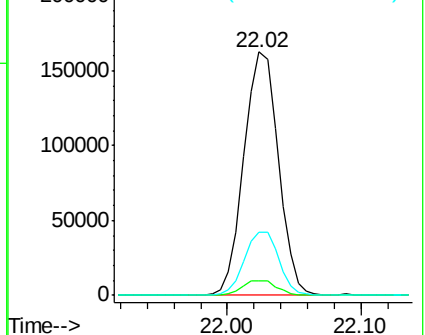
236 26.0 22.2 33.4



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: 48.624 ng

RT: 19.91 min Scan# 2778

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

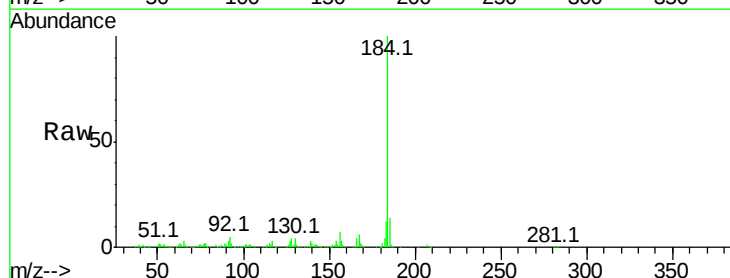
Tgt Ion:184 Resp: 366449

Ion Ratio Lower Upper

184 100

185 13.6 13.0 19.6

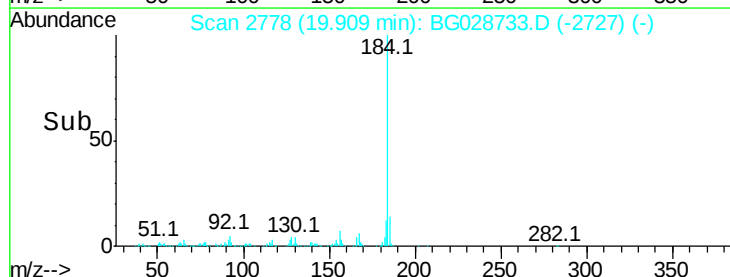
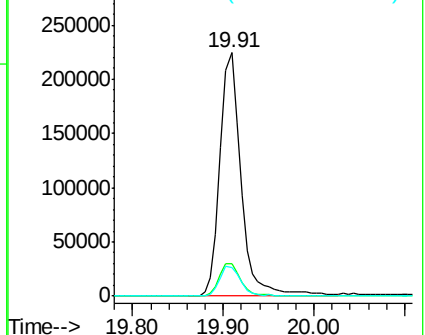
183 11.8 11.0 16.6

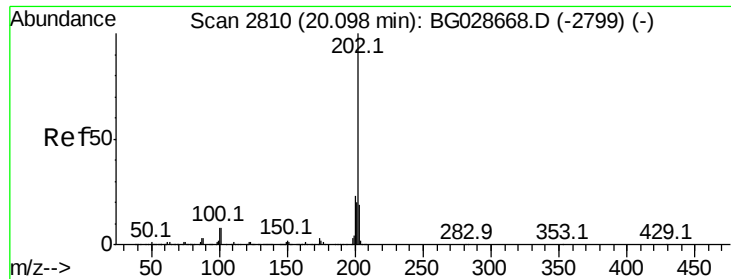


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.249 ng

RT: 20.10 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-AMS

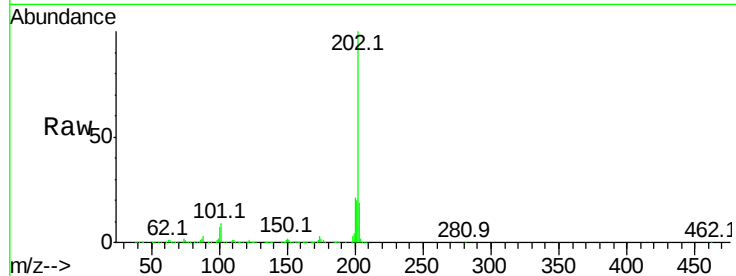
Tot Ion:202 Resp: 741751

Ion Ratio Lower Upper

202 100

200 21.2 19.6 29.4

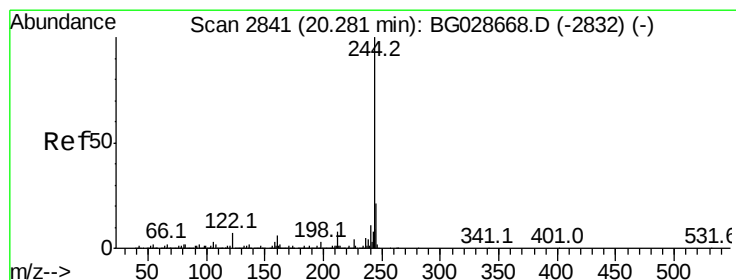
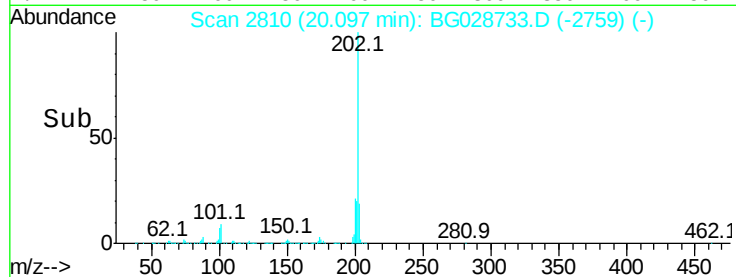
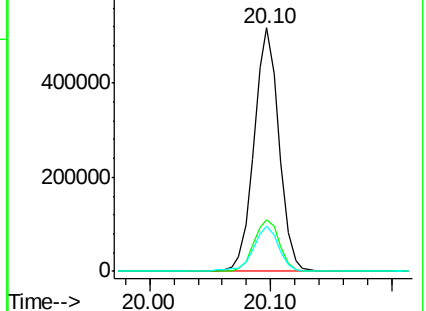
203 18.6 15.8 23.8



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: 70.938 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

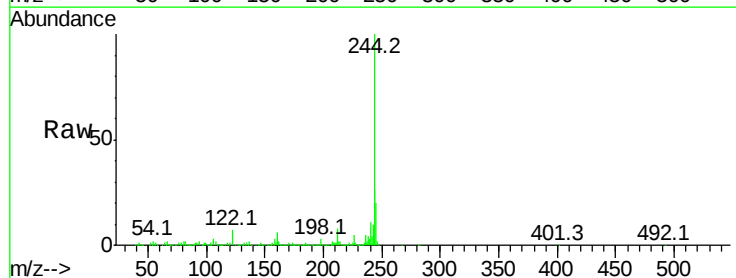
Tgt Ion:244 Resp: 966716

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

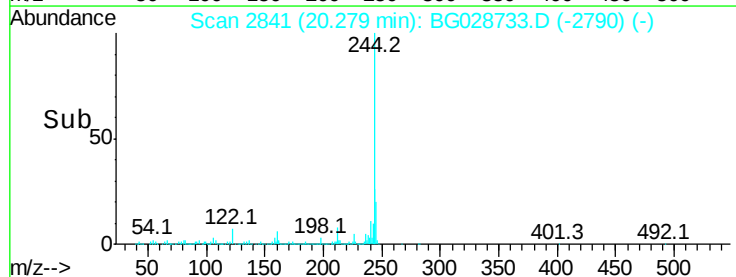
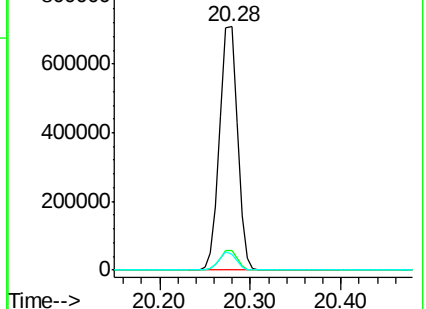
122 6.6 8.6 12.8#

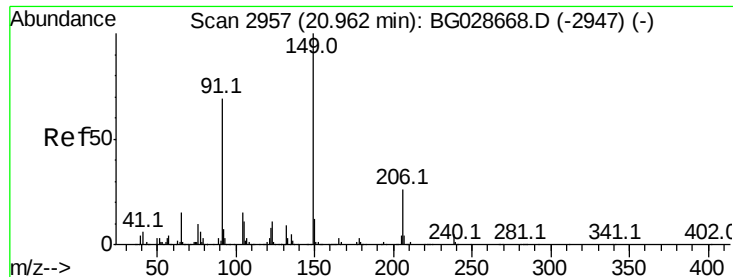


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.543 ng

RT: 20.96 min Scan# 2957

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-AMS

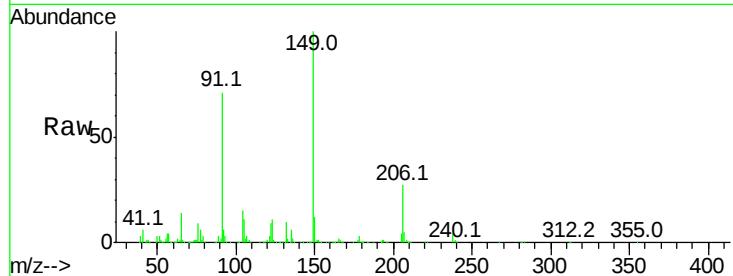
Tot Ion:149 Resp: 288015

Ion Ratio Lower Upper

149 100

91 71.1 63.5 95.3

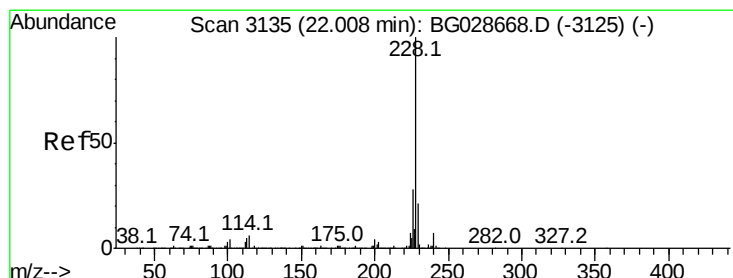
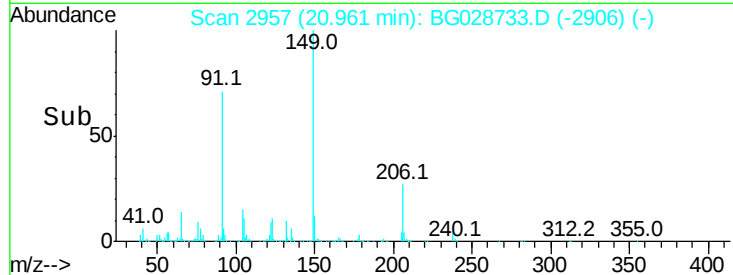
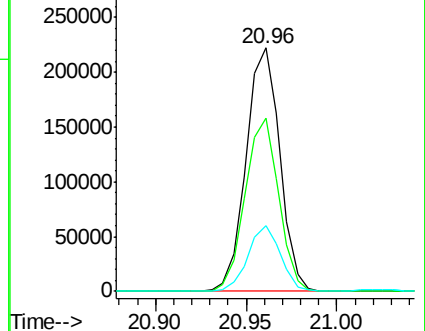
206 27.0 21.0 31.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.971 ng

RT: 22.01 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

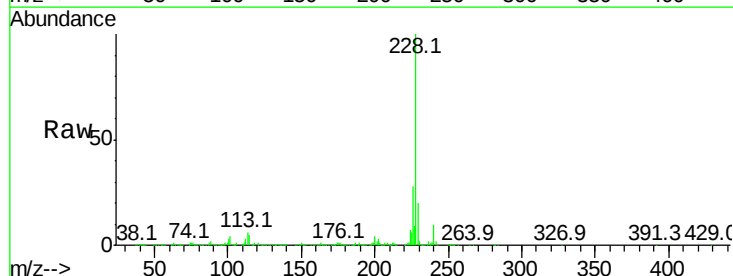
Tgt Ion:228 Resp: 786684

Ion Ratio Lower Upper

228 100

226 28.5 24.9 37.3

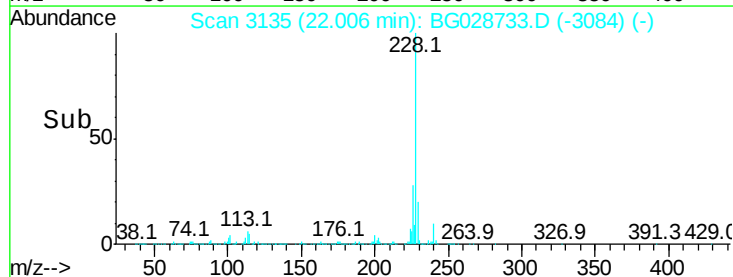
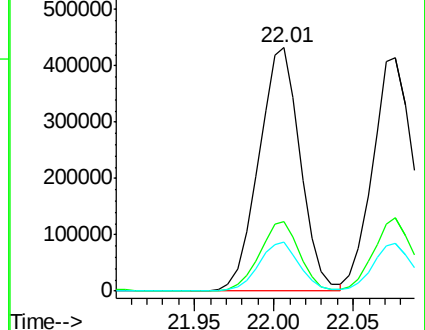
229 20.3 18.2 27.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

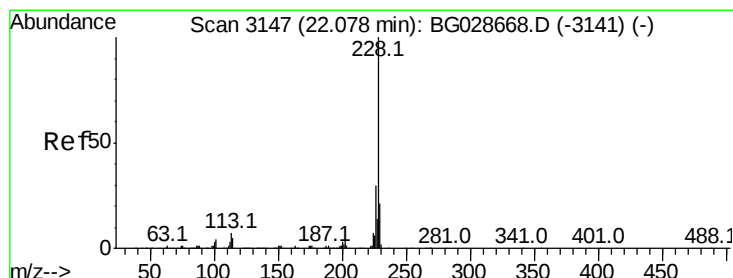
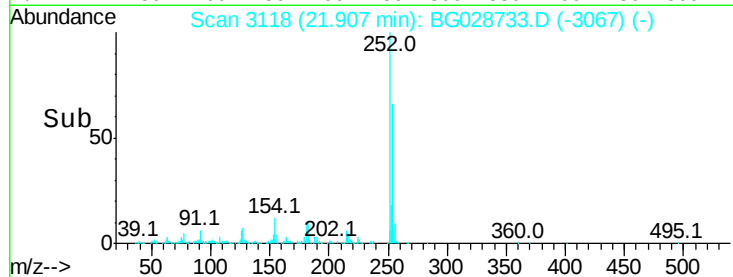
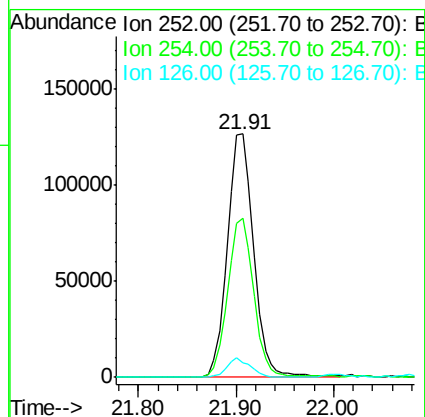
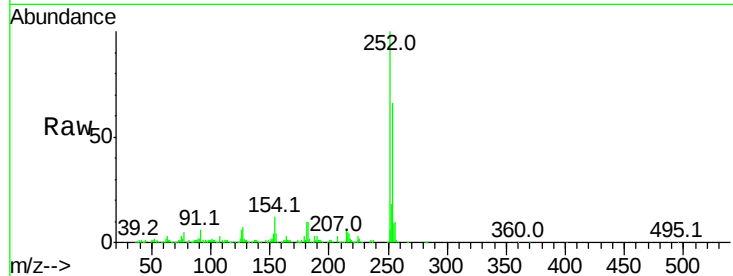




#81
 3,3'-Dichlorobenzidine
 Concen: 33.444 ng
 RT: 21.91 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: BG028733.D
 Acq: 14 Sep 2017 15:22

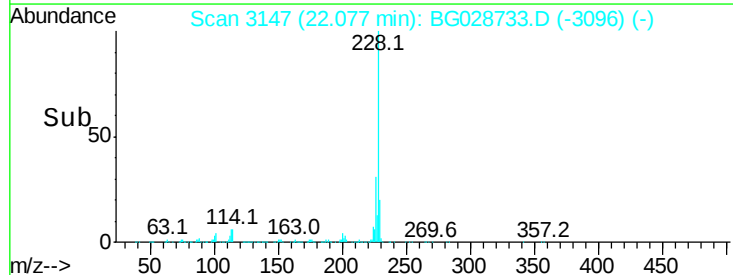
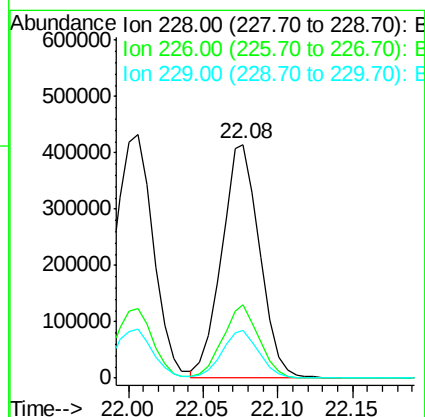
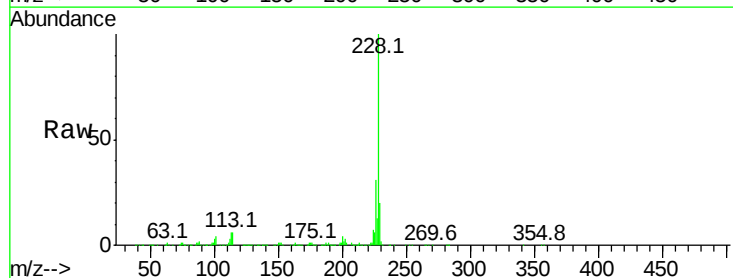
Instrument :
 BNA_G
 ClientSampleId :
 20170600-COMP-AMS

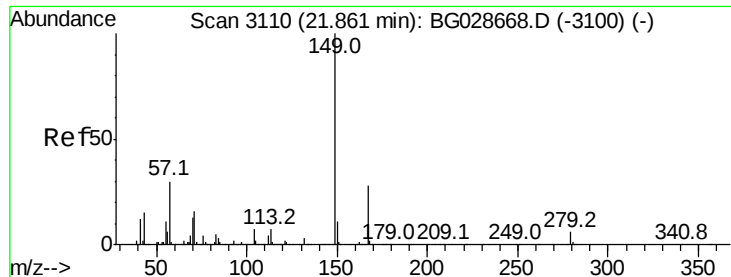
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	53.1	79.7
126	6.1	7.0	10.4



#82
 Chrysene
 Concen: 44.150 ng
 RT: 22.08 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG028733.D
 Acq: 14 Sep 2017 15:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	27.0	40.4
229	20.4	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.254 ng

RT: 21.85 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-AMS

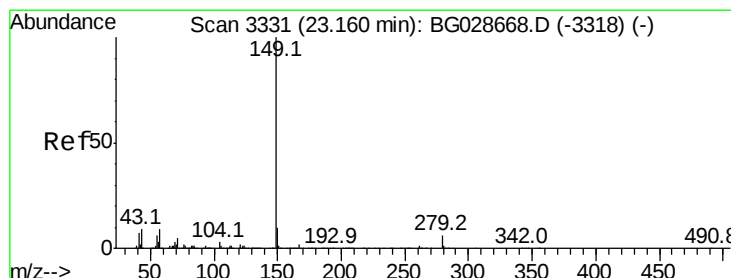
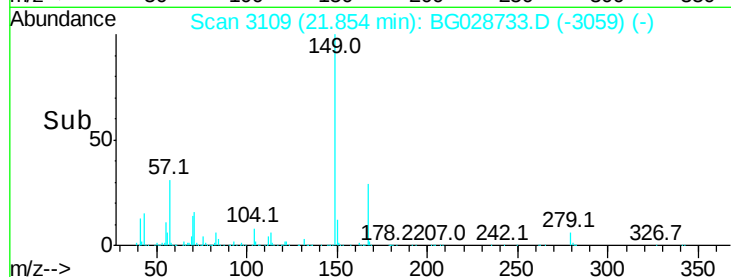
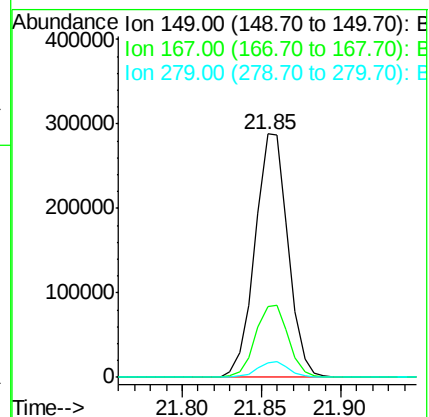
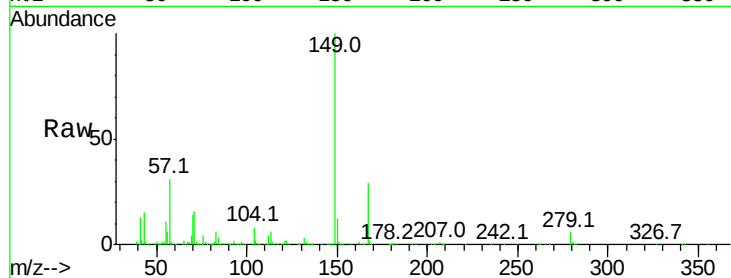
Tot Ion:149 Resp: 416304

Ion Ratio Lower Upper

149 100

167 29.3 23.7 35.5

279 5.7 4.6 6.8



#84

Di-n-octyl phthalate

Concen: 42.891 ng

RT: 23.15 min Scan# 3330

Delta R.T. -0.01 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

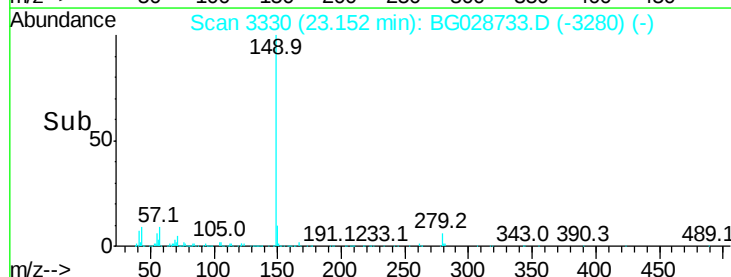
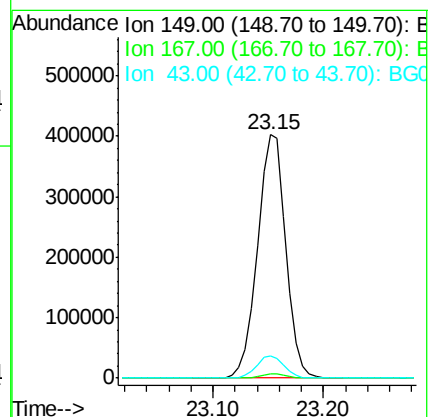
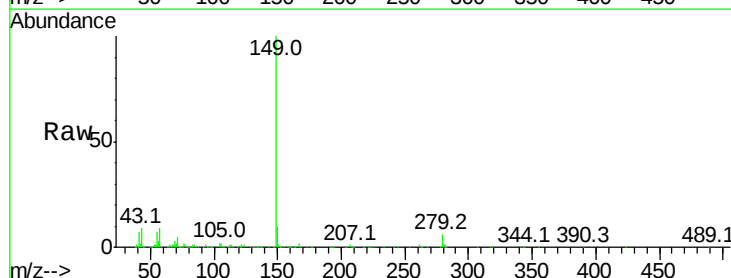
Tgt Ion:149 Resp: 721257

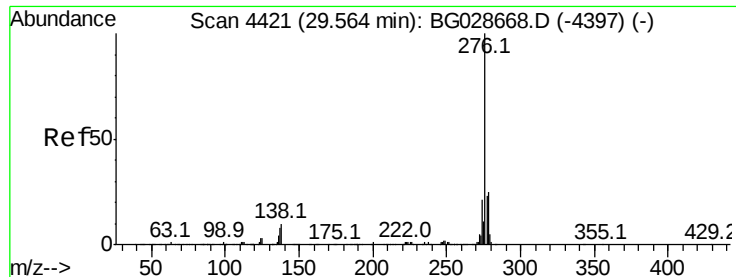
Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

43 9.2 11.8 17.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.617 ng

RT: 29.54 min Scan# 4418

Delta R.T. -0.02 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-AMS

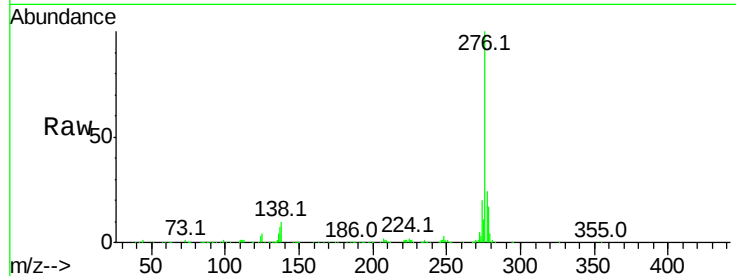
Tot Ion:276 Resp: 951513

Ion Ratio Lower Upper

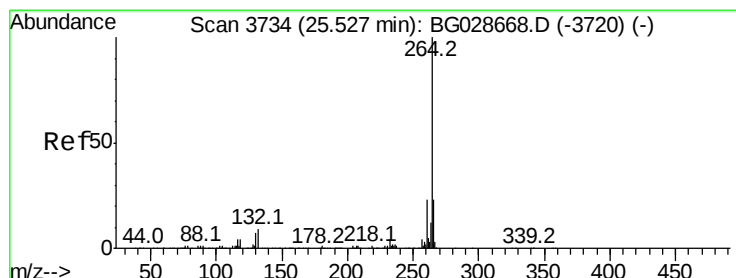
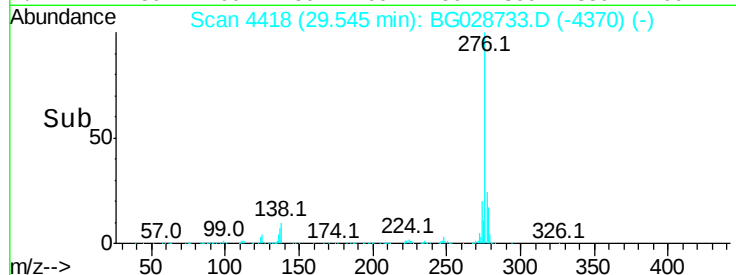
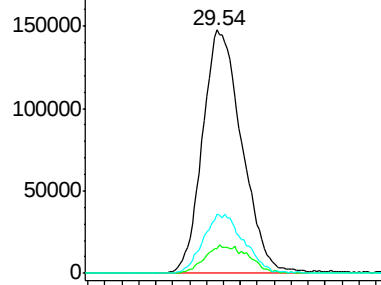
276 100

138 12.6 4.7 7.1#

277 24.9 20.6 31.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.52 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

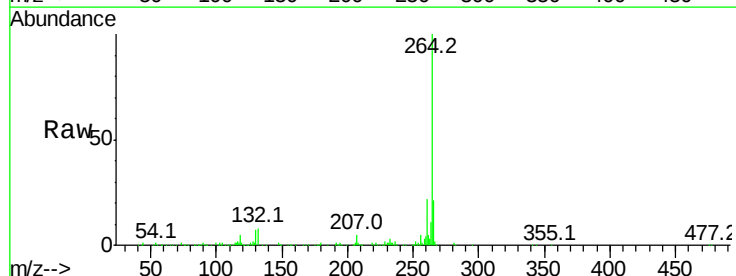
Tgt Ion:264 Resp: 300999

Ion Ratio Lower Upper

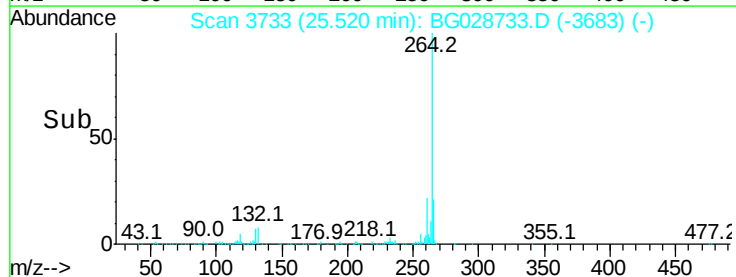
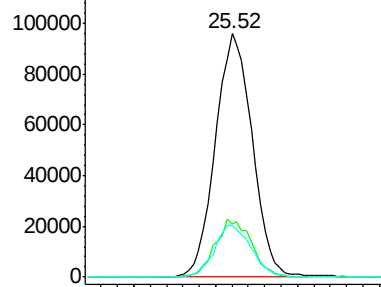
264 100

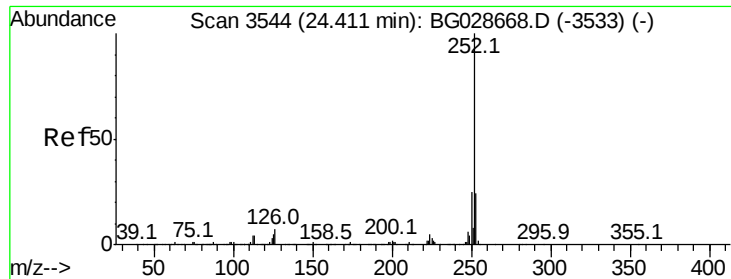
260 21.6 21.8 32.8#

265 21.4 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45.251 ng

RT: 24.40 min Scan# 3543

Delta R.T. -0.01 min

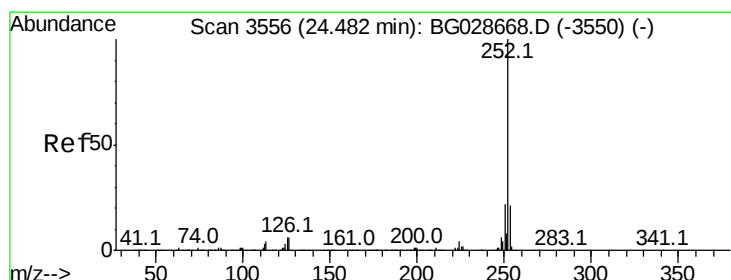
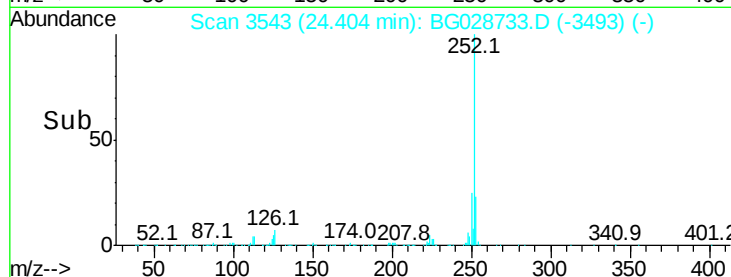
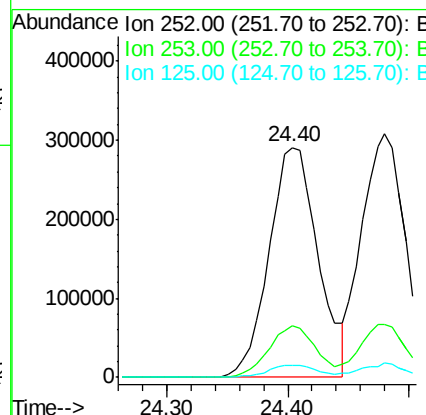
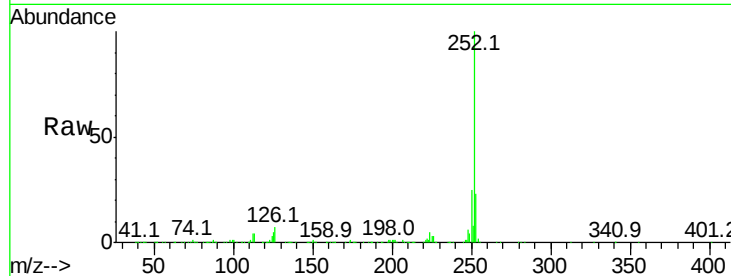
Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

Instrument :
BNA_G
ClientSampleId :
20170600-COMP-AMS

Tot Ion:252 Resp: 816030

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.7	28.1
125	5.3	5.3	7.9



#88

Benzo(k)fluoranthene

Concen: 42.996 ng

RT: 24.48 min Scan# 3556

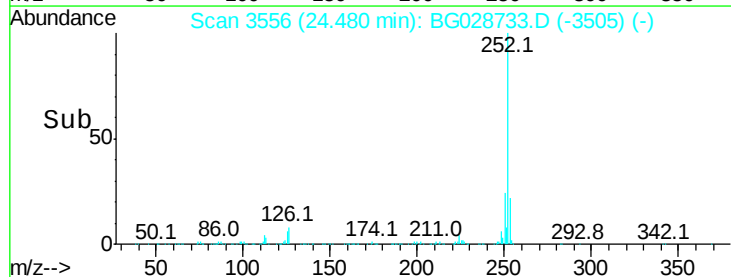
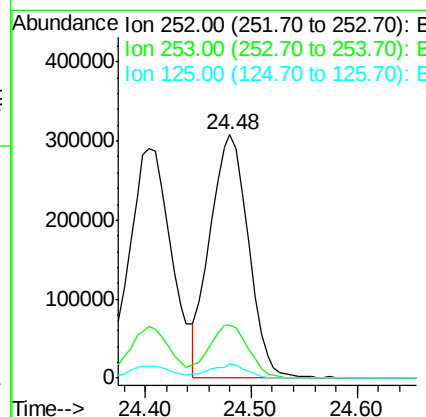
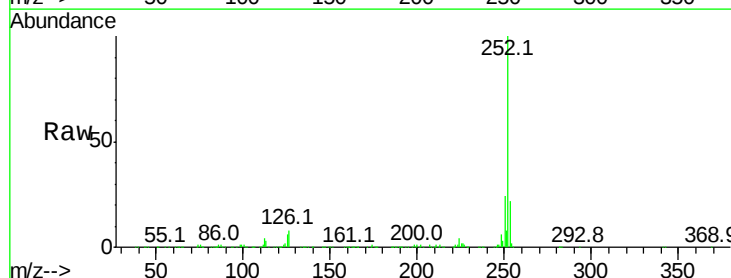
Delta R.T. -0.00 min

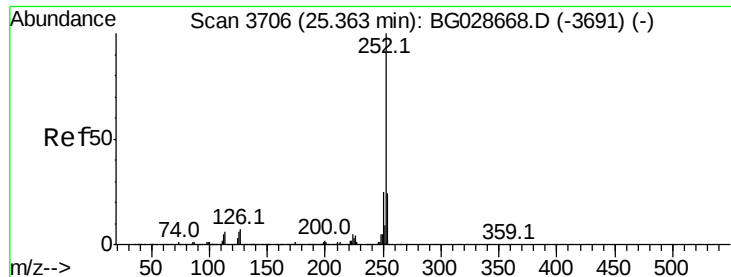
Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

Tgt Ion:252 Resp: 774490

Ion	Ratio	Lower	Upper
252	100		
253	21.6	20.2	30.2
125	5.8	5.1	7.7





#89

Benzo(a)pyrene

Concen: 45.232 ng

RT: 25.36 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-AMS

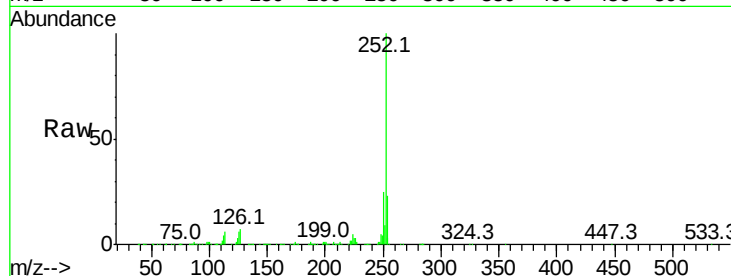
Tot Ion:252 Resp: 774256

Ion Ratio Lower Upper

252 100

253 22.8 19.2 28.8

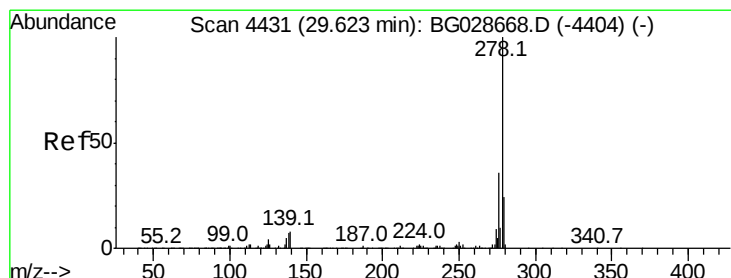
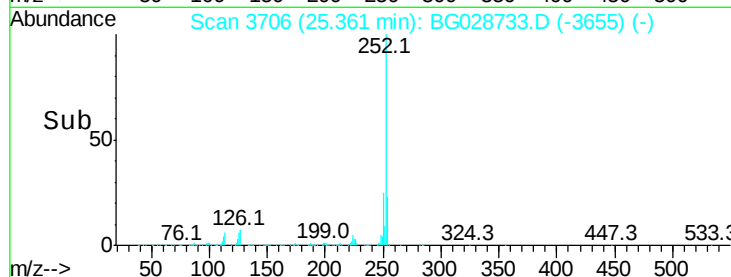
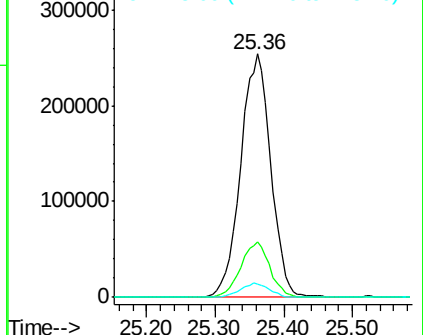
125 5.6 5.4 8.0



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: 45.171 ng

RT: 29.62 min Scan# 4430

Delta R.T. -0.01 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

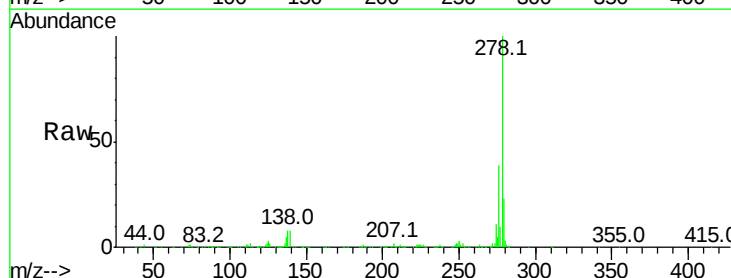
Tgt Ion:278 Resp: 806124

Ion Ratio Lower Upper

278 100

139 7.9 7.7 11.5

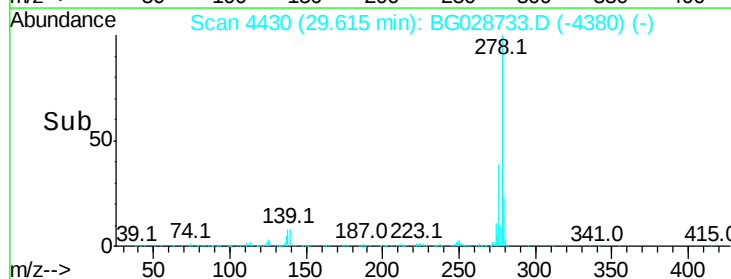
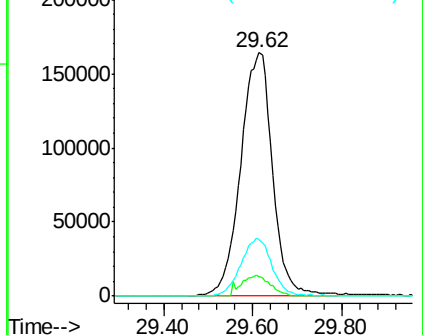
279 23.1 19.1 28.7

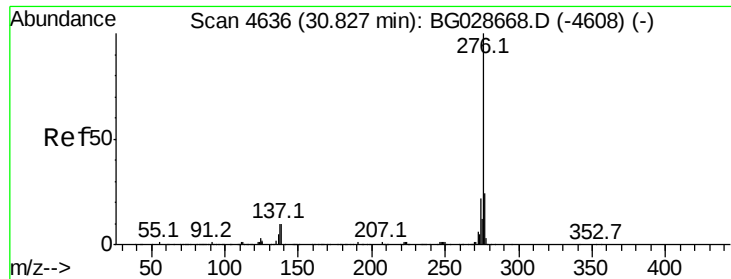


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.300 ng

RT: 30.81 min Scan# 4633

Delta R.T. -0.02 min

Lab File: BG028733.D

Acq: 14 Sep 2017 15:22

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-AMS

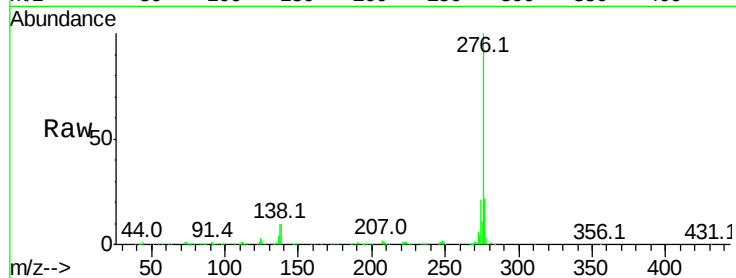
Tot Ion:276 Resp: 771385

Ion Ratio Lower Upper

276 100

277 22.0 18.6 27.8

138 10.4 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

