

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091217\
 Data File : BG028675.D
 Acq On : 12 Sep 2017 18:32
 Operator : SJ/JU
 Sample : PB102188BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102188BS

Quant Time: Sep 13 04:01:53 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	30411	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	131238	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	99203	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	265877	20.00	ng	0.00
75) Chrysene-d12	22.03	240	300507	20.00	ng	0.00
86) Perylene-d12	25.53	264	311149	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.91	112	296825	161.05	ng	0.00
7) Phenol-d6	7.49	99	416112	149.95	ng	0.00
23) Nitrobenzene-d5	9.50	82	252841	92.16	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	244949	149.29	ng	0.00
44) 2-Fluorobiphenyl	13.57	172	683232	91.84	ng	0.00
78) Terphenyl-d14	20.28	244	1180990	83.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.84	88	29707	39.803	ng	94
3) Pyridine	4.23	79	88536	41.585	ng	93
4) n-Nitrosodimethylamine	4.15	42	43158	44.563	ng	# 66
6) Aniline	7.66	93	95105	29.449	ng	98
8) 2-Chlorophenol	7.90	128	99047	48.208	ng	93
9) Benzaldehyde	7.47	77	76028	44.161	ng	94
10) Phenol	7.52	94	142449	48.642	ng	86
11) bis(2-Chloroethyl)ether	7.74	93	88092	41.898	ng	91
12) 1,3-Dichlorobenzene	8.22	146	100613	45.478	ng	92
13) 1,4-Dichlorobenzene	8.37	146	103153	45.344	ng	97
14) 1,2-Dichlorobenzene	8.69	146	97134	43.219	ng	98
15) Benzyl Alcohol	8.57	79	107106	49.444	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.84	45	165177	43.226	ng	97
17) 2-Methylphenol	8.77	107	96214	50.277	ng	96
18) Hexachloroethane	9.42	117	36825	44.166	ng	90
19) n-Nitroso-di-n-propylamine	9.13	70	84878	43.149	ng	# 93
20) 3+4-Methylphenols	9.10	107	131474	49.118	ng	95
22) Acetophenone	9.15	105	155585	40.545	ng	# 90
24) Nitrobenzene	9.55	77	130498	42.957	ng	94
25) Isophorone	10.06	82	235611	42.445	ng	99
26) 2-Nitrophenol	10.26	139	56670	43.831	ng	94
27) 2,4-Dimethylphenol	10.31	122	108599	45.952	ng	89
28) bis(2-Chloroethoxy)methane	10.53	93	134116	44.490	ng	98
29) 2,4-Dichlorophenol	10.80	162	116003	49.333	ng	97
30) 1,2,4-Trichlorobenzene	11.01	180	114808	42.799	ng	95
31) Naphthalene	11.20	128	302556	44.141	ng	98
32) Benzoic acid	10.46	122	63304	39.021	ng	89
33) 4-Chloroaniline	11.32	127	50399	17.552	ng	98
34) Hexachlorobutadiene	11.48	225	79684	40.330	ng	96
35) Caprolactam	12.10	113	28225	33.473	ng	98
36) 4-Chloro-3-methylphenol	12.42	107	140598	45.944	ng	99
37) 2-Methylnaphthalene	12.79	142	241043	47.102	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	154114	37.783	ng	97
40) Hexachlorocyclopentadiene	13.12	237	162510	100.414	ng	94

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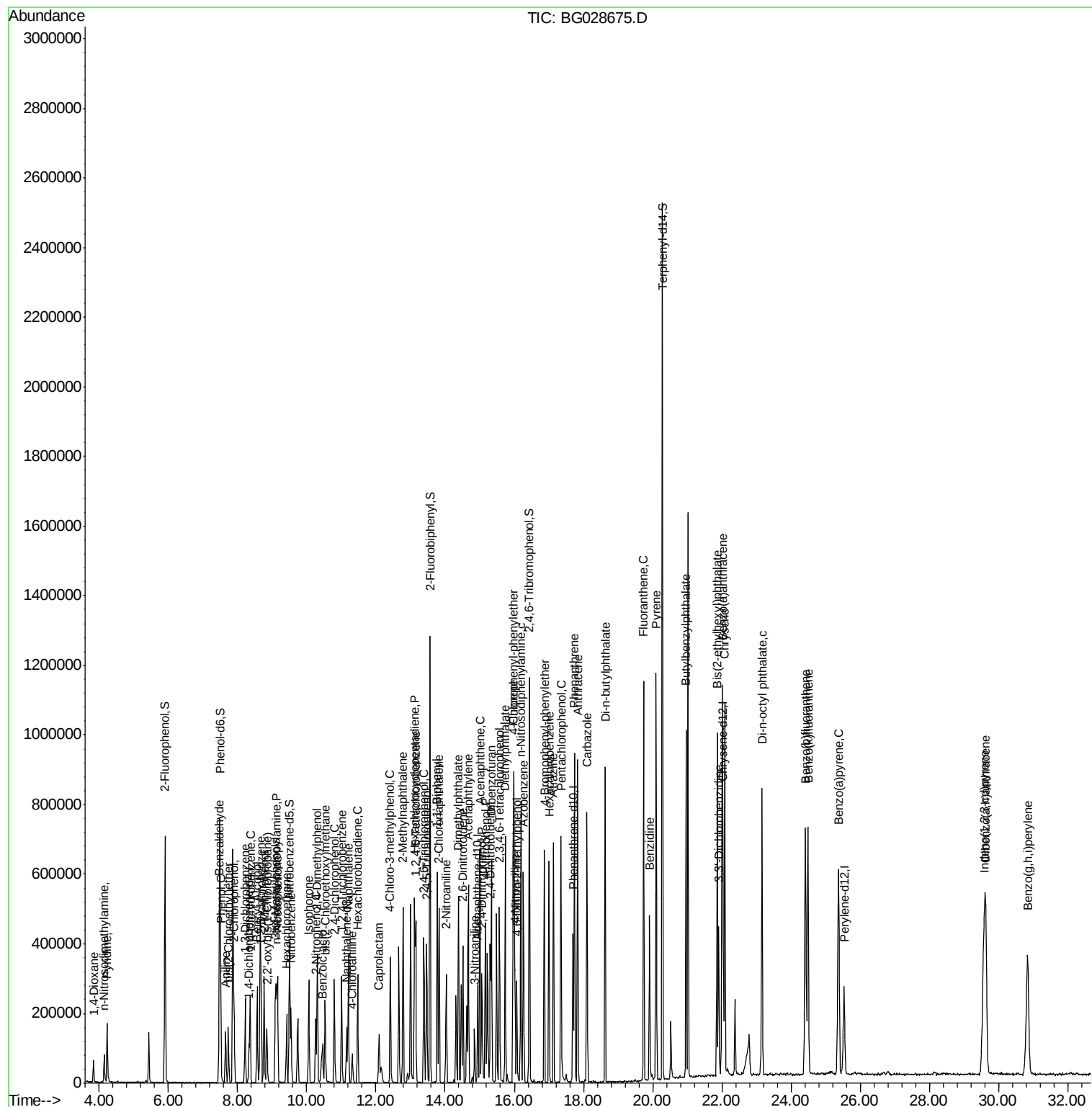
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.38	196	115233	44.511	ng	93
43) 2,4,5-Trichlorophenol	13.47	196	122541	47.107	ng	95
45) 1,1'-Biphenyl	13.78	154	327615	39.887	ng	96
46) 2-Chloronaphthalene	13.83	162	258486	43.147	ng	98
47) 2-Nitroaniline	14.03	65	104844	47.089	ng	94
48) Acenaphthylene	14.67	152	417275	43.597	ng	96
49) Dimethylphthalate	14.39	163	368821	44.336	ng	98
50) 2,6-Dinitrotoluene	14.52	165	83331	45.019	ng	# 78
51) Acenaphthene	15.01	154	254270	43.733	ng	93
52) 3-Nitroaniline	14.85	138	36608	22.364	ng	94
53) 2,4-Dinitrophenol	15.06	184	85056	86.486	ng	97
54) Dibenzofuran	15.34	168	434563	46.869	ng	94
55) 4-Nitrophenol	15.16	139	116688	97.299	ng	# 82
56) 2,4-Dinitrotoluene	15.31	165	122705	47.146	ng	# 85
57) Fluorene	15.99	166	369796	44.674	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.57	232	116540	50.831	ng	# 95
59) Diethylphthalate	15.74	149	391976	45.852	ng	98
60) 4-Chlorophenyl-phenylether	15.97	204	215212	45.659	ng	93
61) 4-Nitroaniline	16.02	138	80088	46.183	ng	# 81
62) Azobenzene	16.26	77	356153	49.536	ng	92
64) 4,6-Dinitro-2-methylphenol	16.08	198	72335	42.163	ng	96
65) n-Nitrosodiphenylamine	16.19	169	330011	43.298	ng	99
66) 4-Bromophenyl-phenylether	16.87	248	148701	43.466	ng	93
67) Hexachlorobenzene	17.00	284	156774	40.263	ng	# 91
68) Atrazine	17.13	200	143156	43.744	ng	99
69) Pentachlorophenol	17.35	266	156110	88.736	ng	97
70) Phenanthrene	17.74	178	614064	45.164	ng	94
71) Anthracene	17.83	178	627789	45.708	ng	97
72) Carbazole	18.10	167	533521	43.131	ng	# 95
73) Di-n-butylphthalate	18.63	149	648564	42.760	ng	# 94
74) Fluoranthene	19.74	202	757295	45.616	ng	95
76) Benzidine	19.91	184	306481	39.328	ng	97
77) Pyrene	20.10	202	771242	44.495	ng	96
79) Butylbenzylphthalate	20.96	149	304210	43.456	ng	93
80) Benzo(a)anthracene	22.01	228	812883	44.939	ng	93
81) 3,3'-Dichlorobenzidine	21.91	252	187789	25.606	ng	# 98
82) Chrysene	22.08	228	757570	44.140	ng	96
83) Bis(2-ethylhexyl)phthalate	21.86	149	426645	42.869	ng	98
84) Di-n-octyl phthalate	23.16	149	735332	42.289	ng	# 88
85) Indeno(1,2,3-cd)pyrene	29.57	276	965851	43.799	ng	# 96
87) Benzo(b)fluoranthene	24.42	252	819686	43.971	ng	# 96
88) Benzo(k)fluoranthene	24.49	252	813937	43.712	ng	# 94
89) Benzo(a)pyrene	25.37	252	789657	44.627	ng	96
90) Dibenzo(a,h)anthracene	29.63	278	812264	44.031	ng	98
91) Benzo(g,h,i)perylene	30.84	276	788329	43.796	ng	100

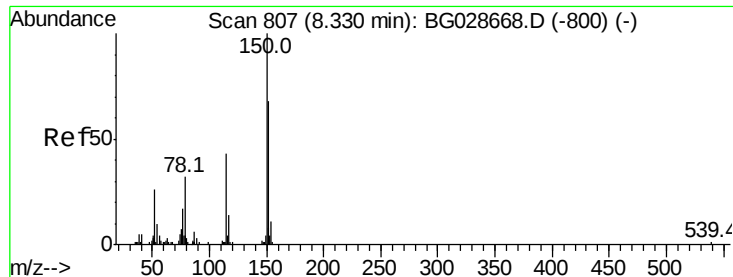
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG028675.D

Acq: 12 Sep 2017 18:32

Instrument :

BNA_G

ClientSampleId :

PB102188BS

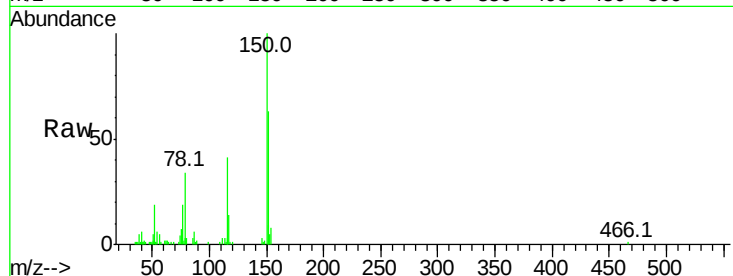
Tot Ion:152 Resp: 30411

Ion Ratio Lower Upper

152 100

150 157.6 114.0 171.0

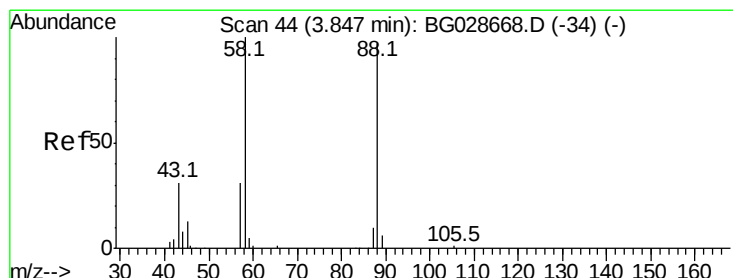
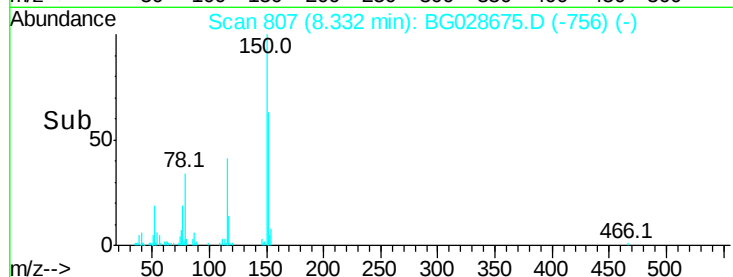
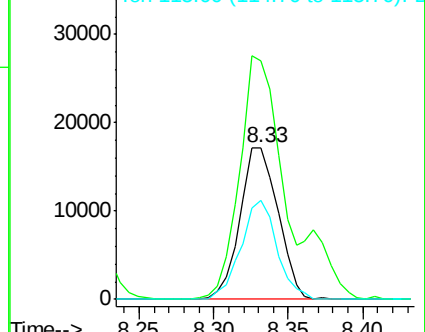
115 64.8 48.1 72.1



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: 39.803 ng

RT: 3.84 min Scan# 42

Delta R.T. -0.01 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

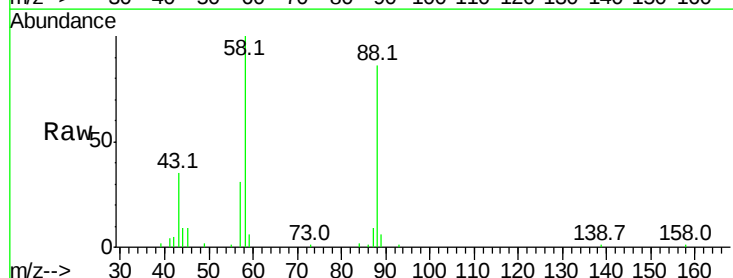
Tgt Ion: 88 Resp: 29707

Ion Ratio Lower Upper

88 100

58 105.5 79.4 119.2

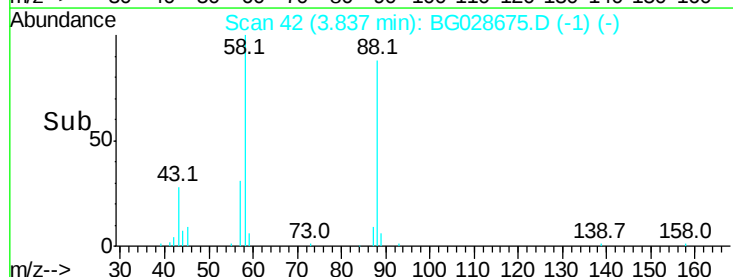
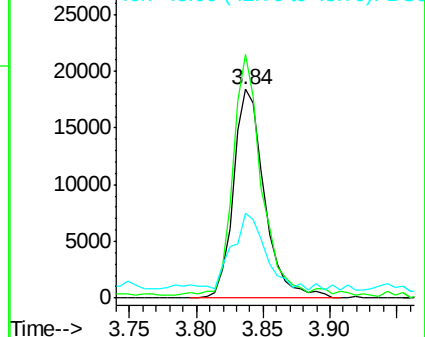
43 39.5 33.8 50.6



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: 41.585 ng

RT: 4.23 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

Instrument :

BNA_G

ClientSampleId :

PB102188BS

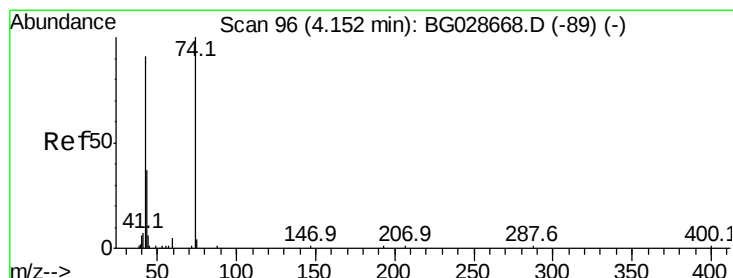
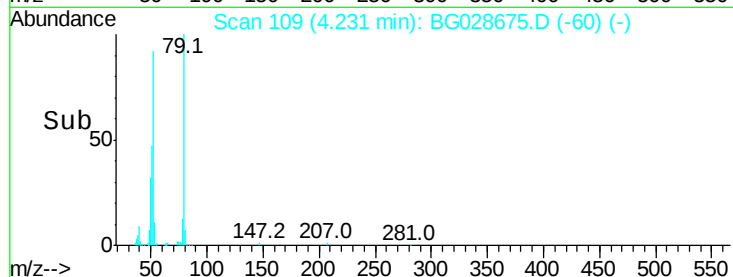
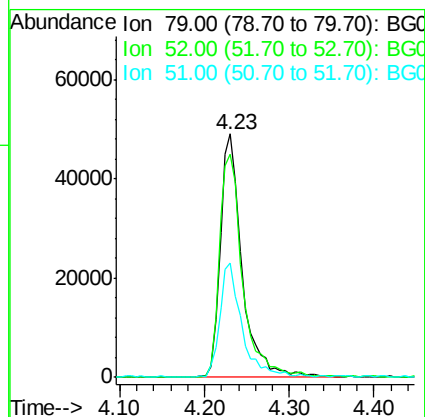
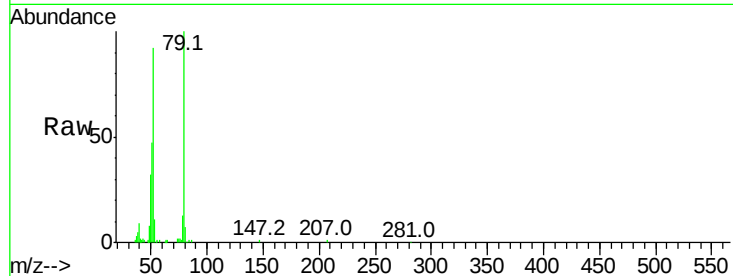
Tot Ion: 79 Resp: 88536

Ion Ratio Lower Upper

79 100

52 91.9 77.8 116.6

51 46.7 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 44.563 ng

RT: 4.15 min Scan# 95

Delta R.T. -0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

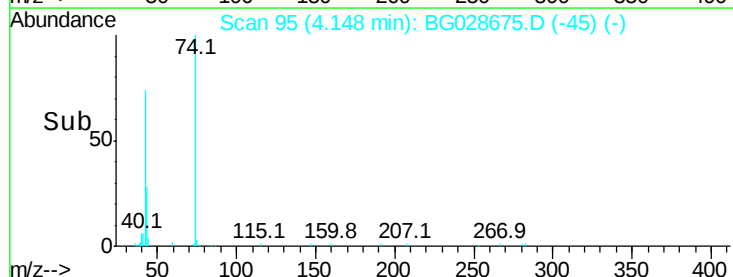
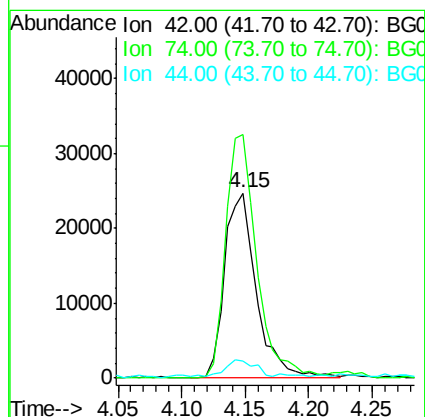
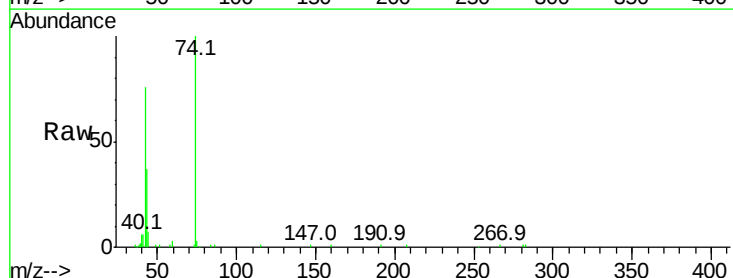
Tgt Ion: 42 Resp: 43158

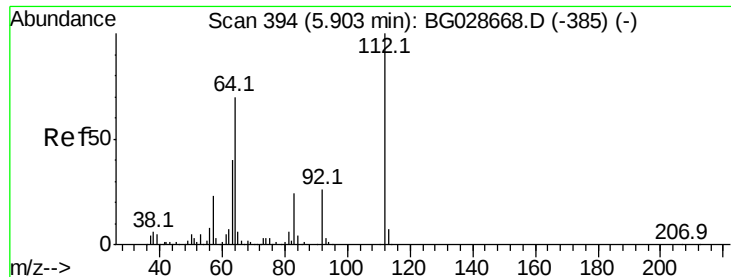
Ion Ratio Lower Upper

42 100

74 131.6 76.7 115.1#

44 9.0 6.1 9.1





#5

2-Fluorophenol

Concen: 161.052 ng

RT: 5.91 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

Instrument :

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ClientSampleId :

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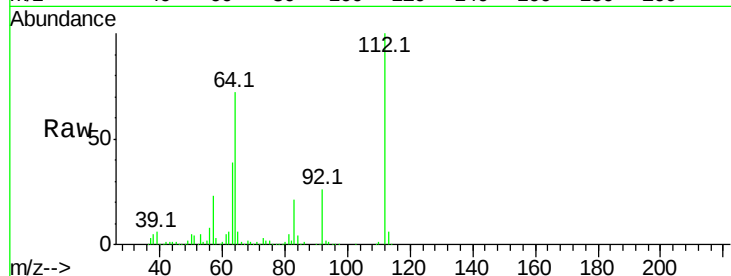
Tot Ion:112 Resp: 296825

Ion Ratio Lower Upper

112 100

64 72.4 61.8 92.6

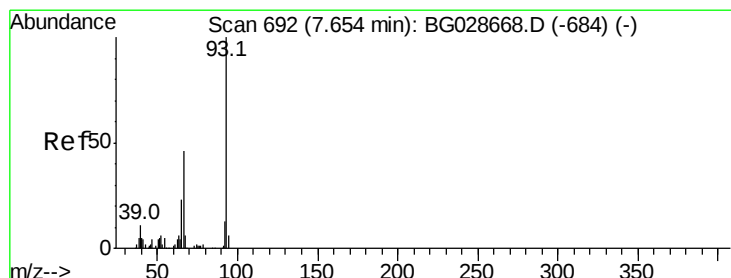
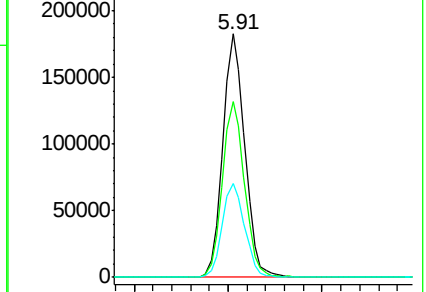
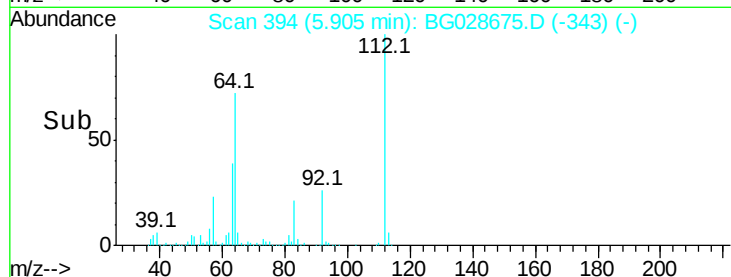
63 38.6 37.2 55.8



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: 29.449 ng

RT: 7.66 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

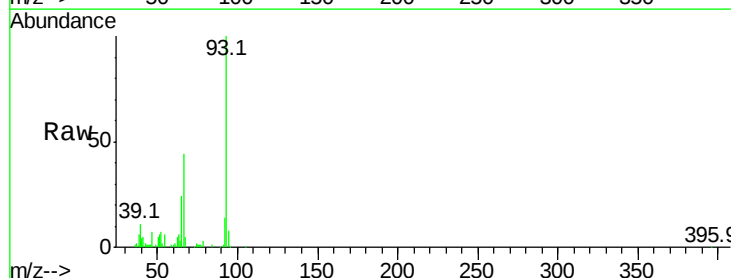
Tgt Ion: 93 Resp: 95105

Ion Ratio Lower Upper

93 100

66 44.1 35.4 53.2

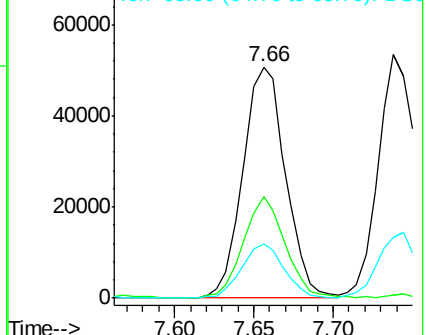
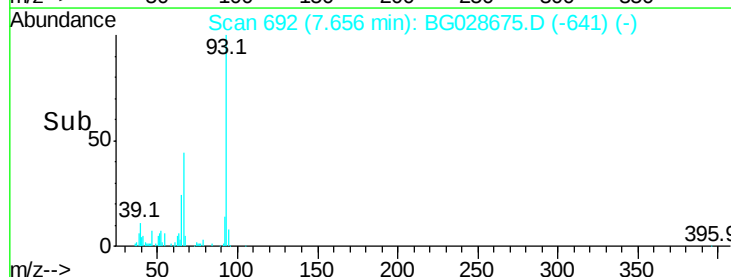
65 23.6 21.2 31.8

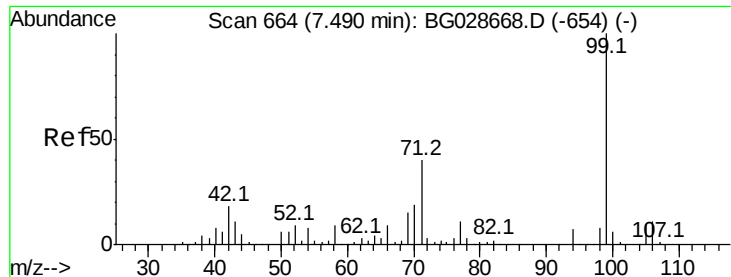


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 149.955 ng

RT: 7.49 min Scan# 664

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

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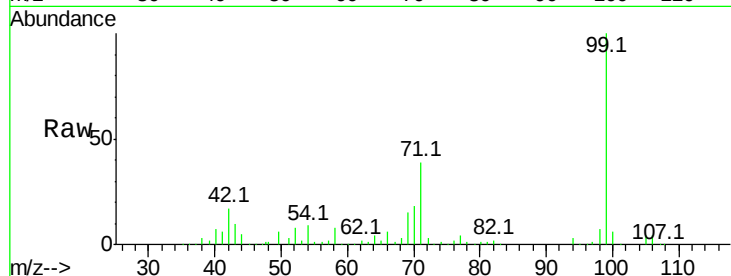
Tot Ion: 99 Resp: 416112

Ion Ratio Lower Upper

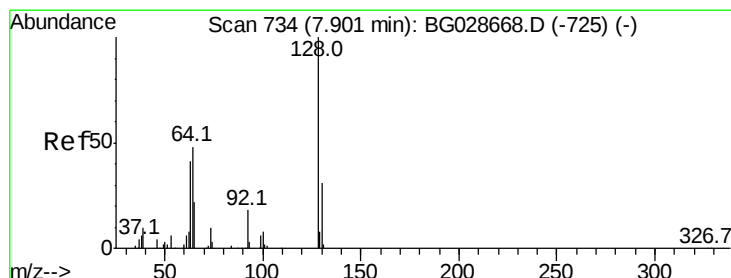
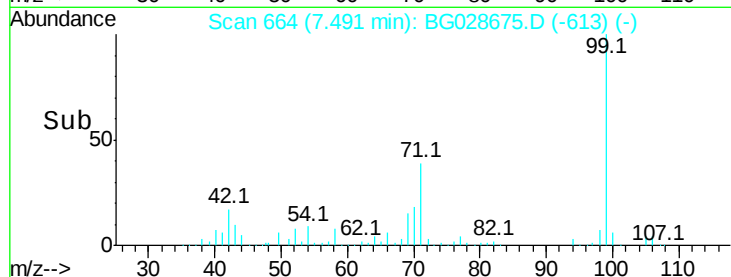
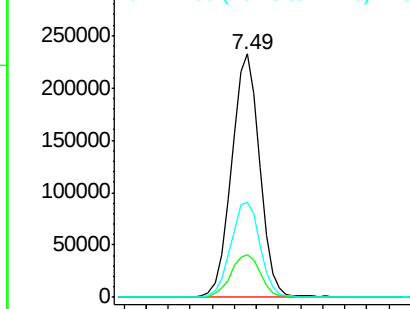
99 100

42 17.4 20.5 30.7#

71 39.3 37.6 56.4



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



#8

2-Chlorophenol

Concen: 48.208 ng

RT: 7.90 min Scan# 733

Delta R.T. -0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

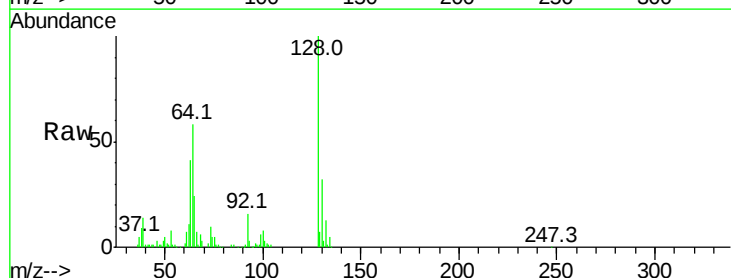
Tgt Ion: 128 Resp: 99047

Ion Ratio Lower Upper

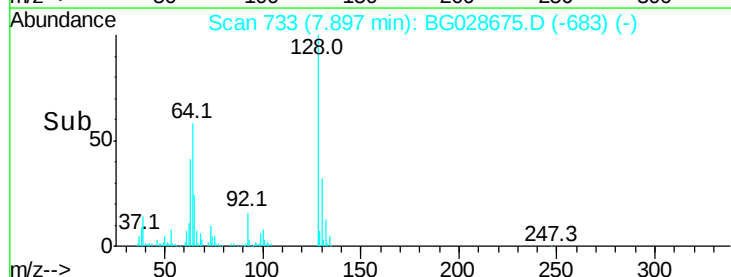
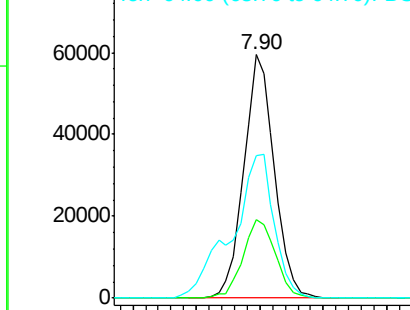
128 100

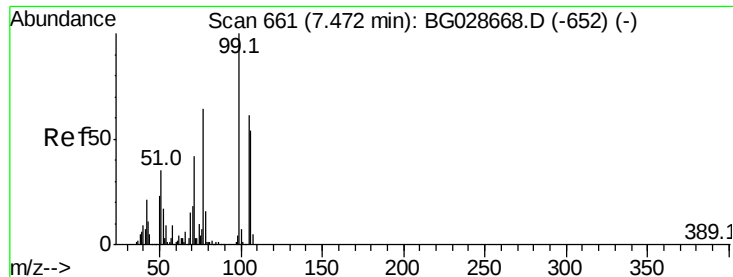
130 32.1 11.4 51.4

64 58.4 46.6 86.6



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





#9

Benzaldehyde

Concen: 44.161 ng

RT: 7.47 min Scan# 660

Delta R.T. -0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

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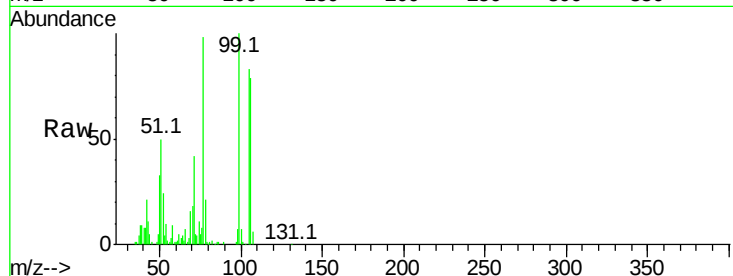
Tot Ion: 77 Resp: 76028

Ion Ratio Lower Upper

77 100

105 85.5 60.9 100.9

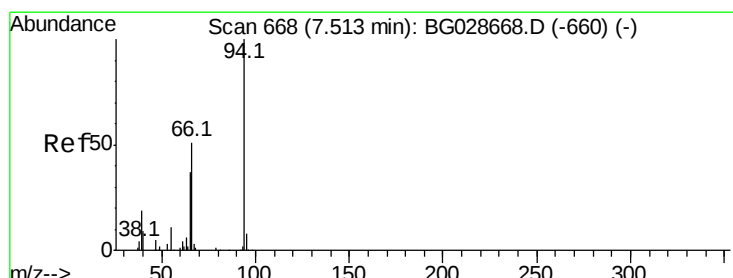
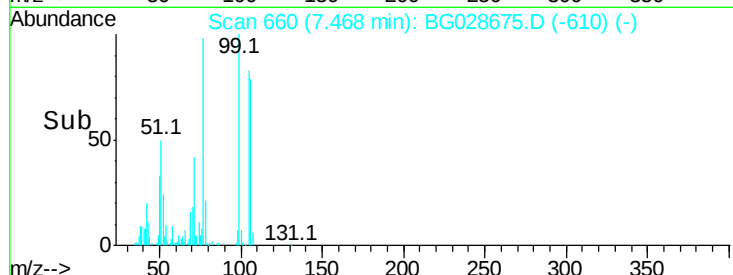
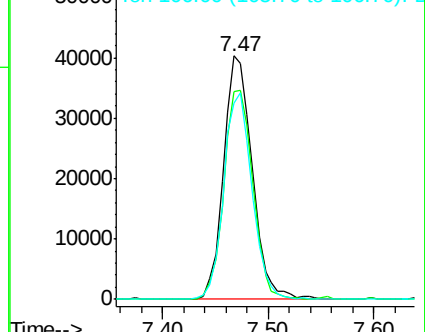
106 80.6 55.1 95.1



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: 48.642 ng

RT: 7.52 min Scan# 669

Delta R.T. 0.01 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

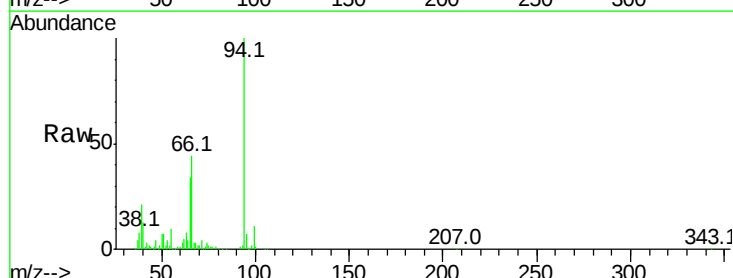
Tgt Ion: 94 Resp: 142449

Ion Ratio Lower Upper

94 100

65 33.7 20.6 60.6

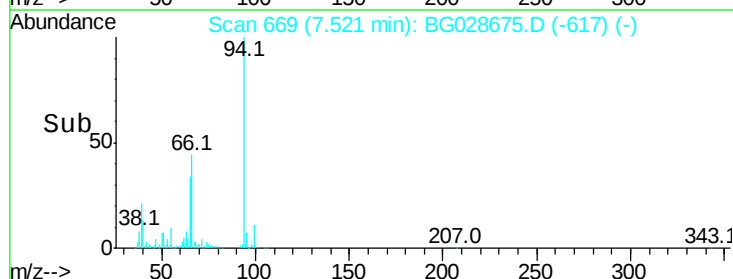
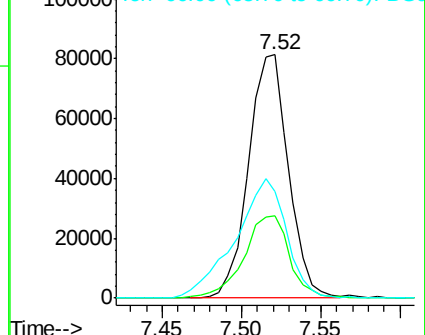
66 44.0 35.5 75.5

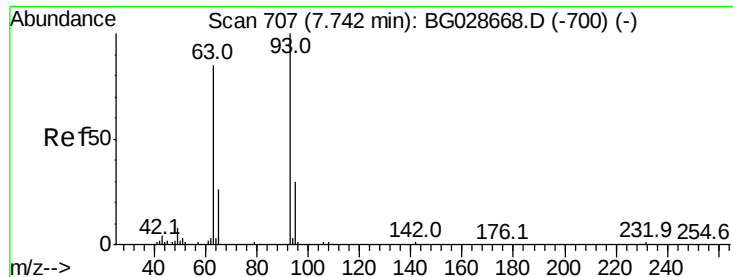


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

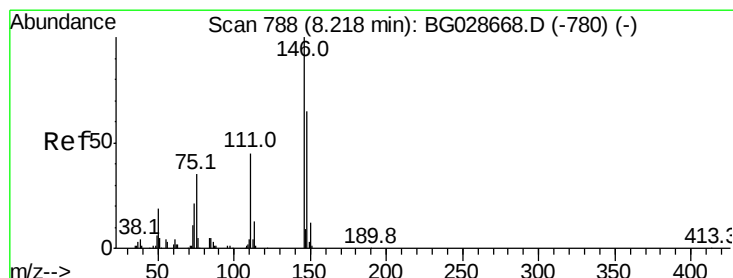
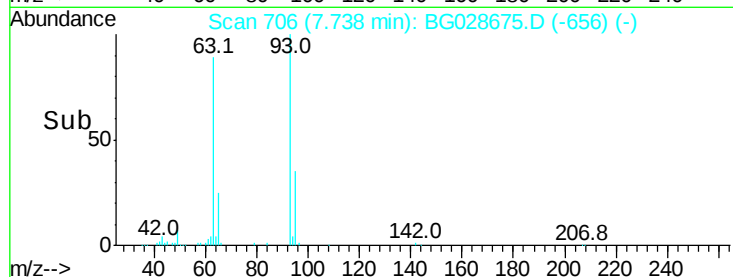
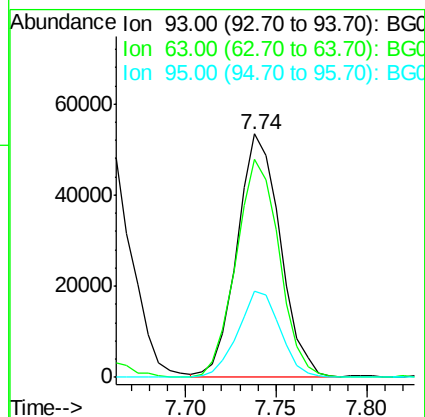
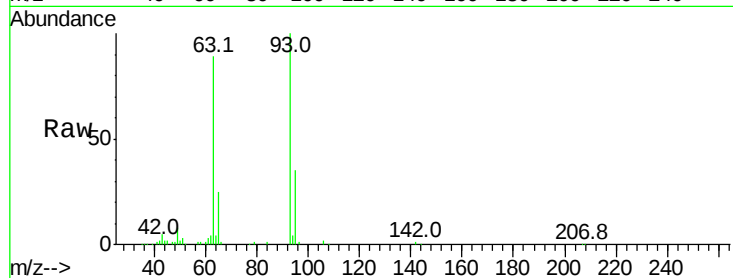




#11
bis(2-Chloroethyl)ether
Concen: 41.898 ng
RT: 7.74 min Scan# 706
Delta R.T. -0.00 min
Lab File: BG028675.D
Acq: 12 Sep 2017 18:32

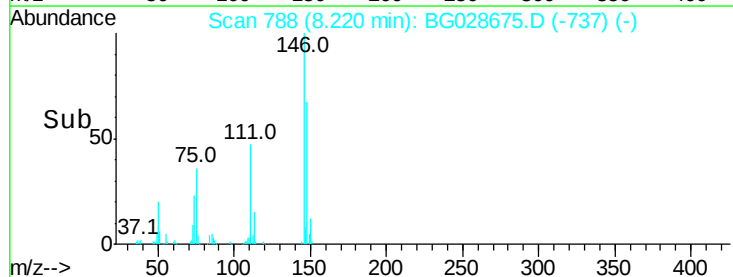
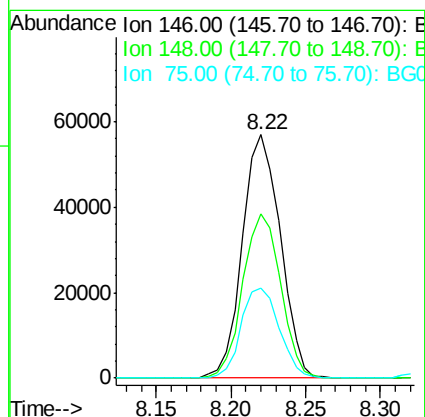
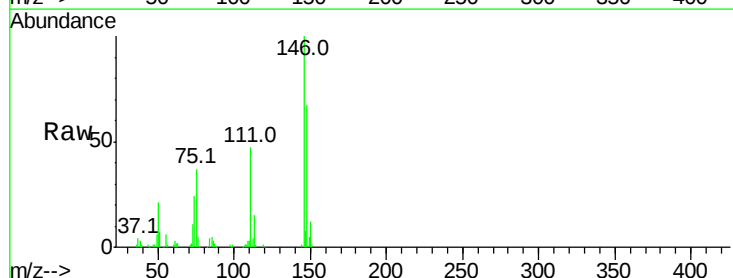
Instrument :
BNA_G
ClientSampleId :
PB102188BS

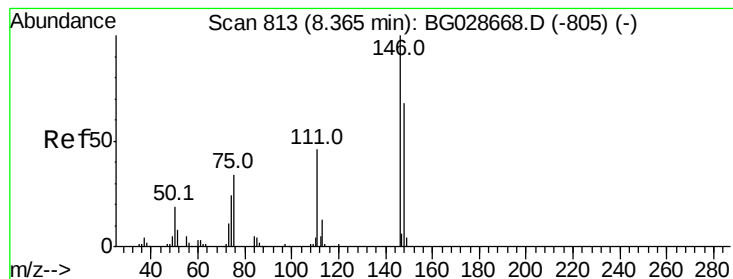
Tot Ion: 93 Resp: 88092
Ion Ratio Lower Upper
93 100
63 89.3 78.5 118.5
95 35.2 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 45.478 ng
RT: 8.22 min Scan# 788
Delta R.T. 0.00 min
Lab File: BG028675.D
Acq: 12 Sep 2017 18:32

Tgt Ion: 146 Resp: 100613
Ion Ratio Lower Upper
146 100
148 67.3 49.2 73.8
75 36.7 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 45.344 ng

RT: 8.37 min Scan# 813

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

Instrument :

BNA_G

ClientSampleId :

PB102188BS

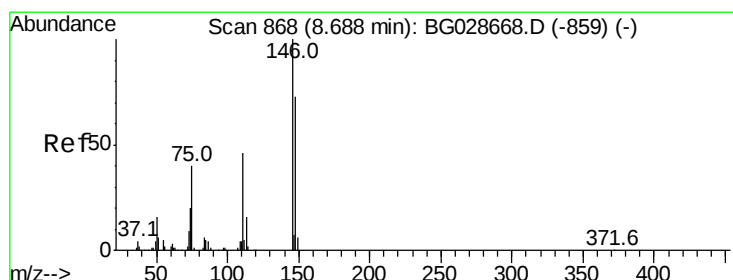
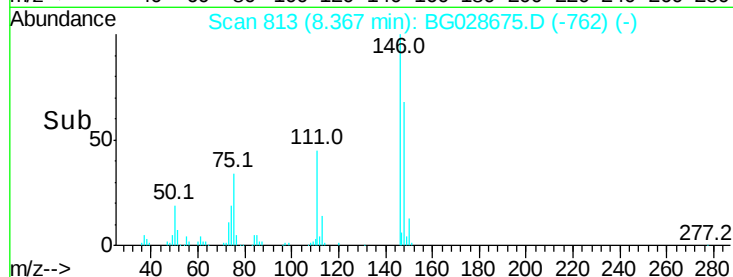
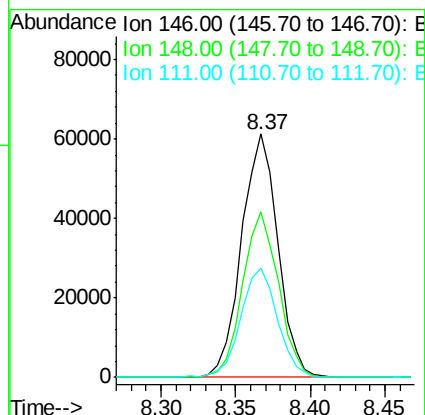
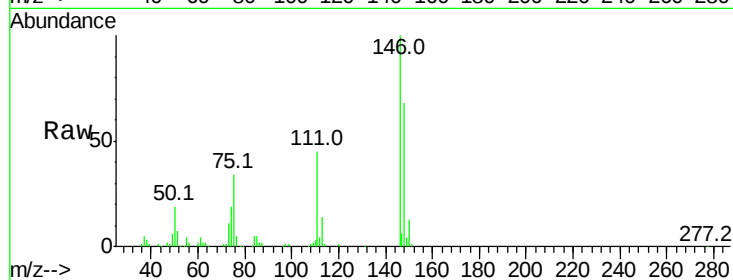
Tot Ion:146 Resp: 103153

Ion Ratio Lower Upper

146 100

148 67.8 52.2 78.2

111 44.9 37.0 55.6



#14

1,2-Dichlorobenzene

Concen: 43.219 ng

RT: 8.69 min Scan# 868

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

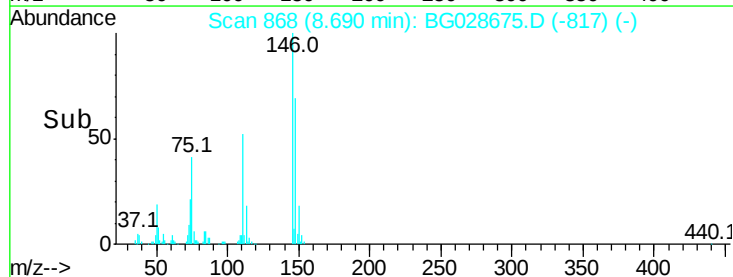
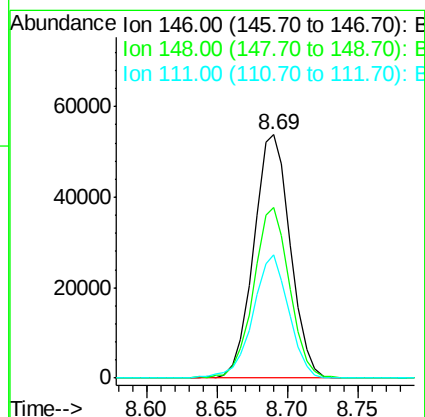
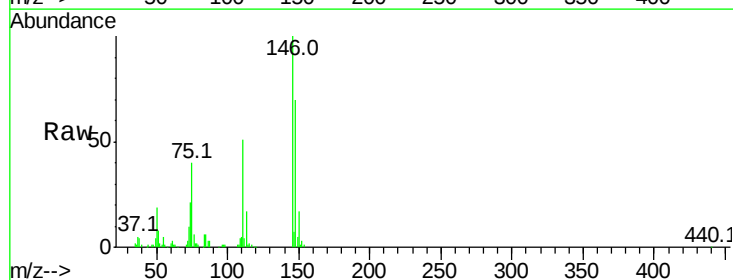
Tgt Ion:146 Resp: 97134

Ion Ratio Lower Upper

146 100

148 70.0 54.6 81.8

111 50.6 39.7 59.5





#15

Benzyl Alcohol

Concen: 49.444 ng

RT: 8.57 min Scan# 847

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

Instrument :

BNA_G

ClientSampleId :

PB102188BS

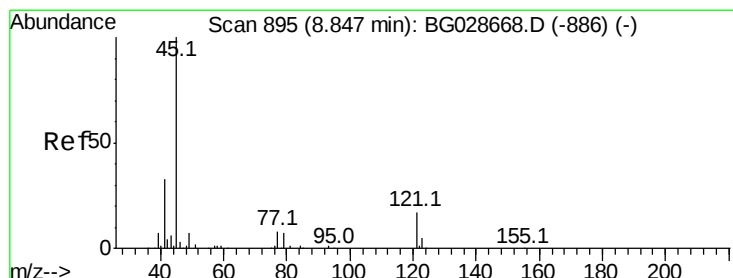
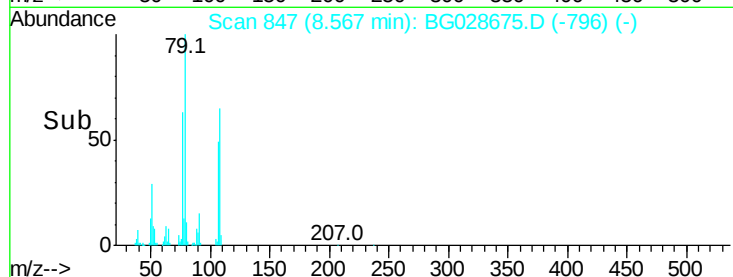
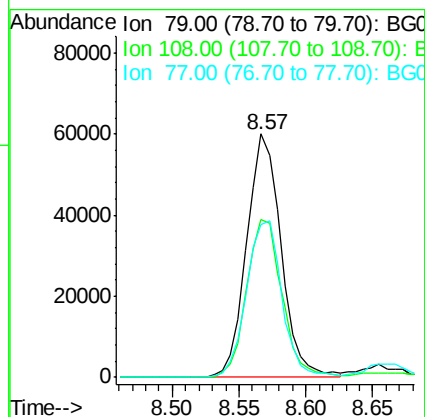
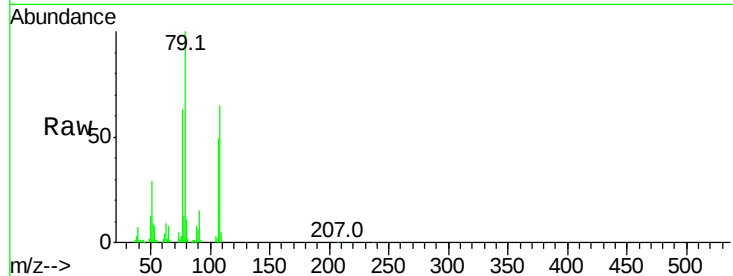
Tot Ion: 79 Resp: 107106

Ion Ratio Lower Upper

79 100

108 64.7 45.5 68.3

77 62.7 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.226 ng

RT: 8.84 min Scan# 894

Delta R.T. -0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

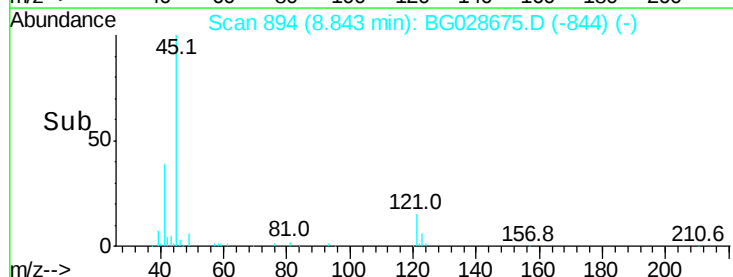
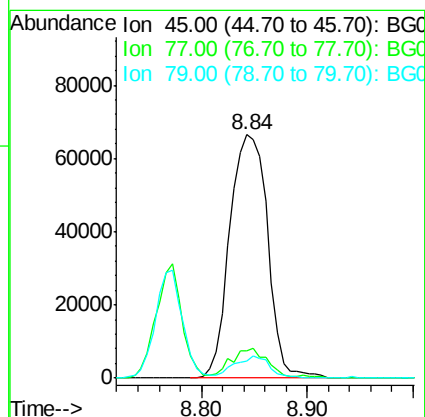
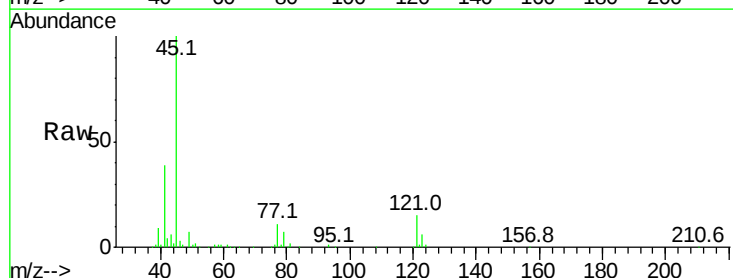
Tgt Ion: 45 Resp: 165177

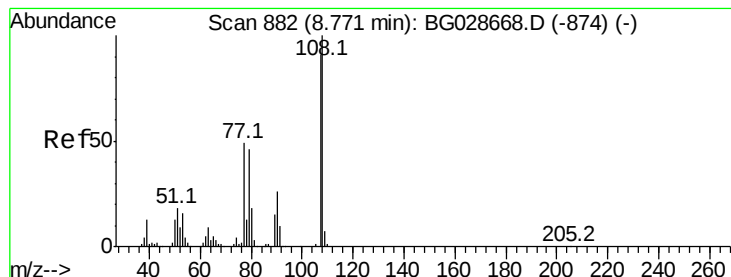
Ion Ratio Lower Upper

45 100

77 11.3 0.0 30.6

79 6.9 0.0 28.5





#17

2-Methylphenol

Concen: 50.277 ng

RT: 8.77 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

Instrument :

BNA_G

ClientSampleId :

PB102188BS

Tot Ion:107 Resp: 96214

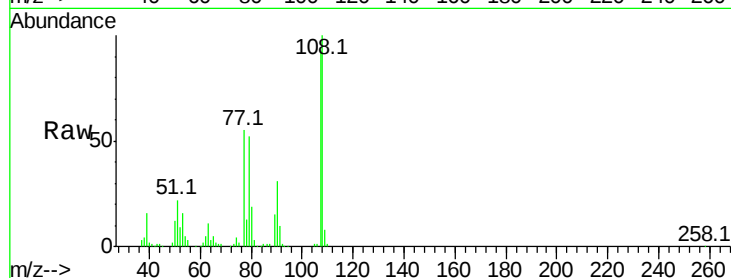
Ion Ratio Lower Upper

107 100

108 107.5 85.6 128.4

77 59.5 51.4 77.2

79 55.9 49.2 73.8

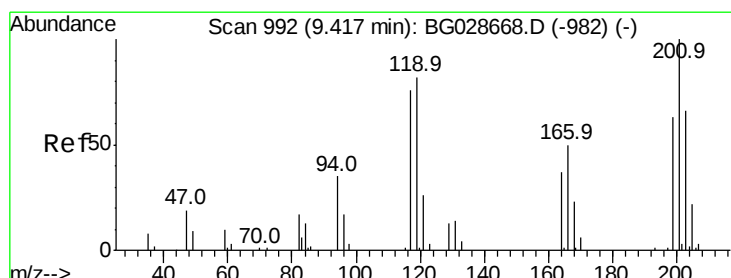
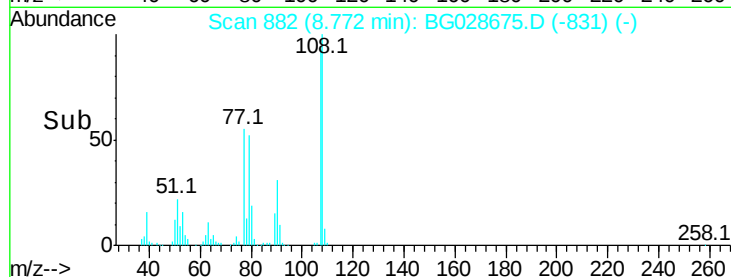
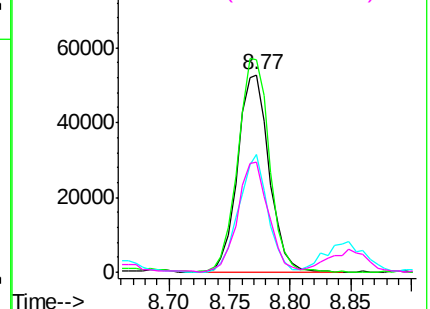


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.166 ng

RT: 9.42 min Scan# 992

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

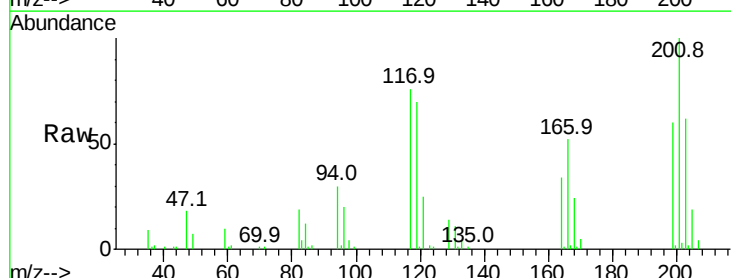
Tgt Ion:117 Resp: 36825

Ion Ratio Lower Upper

117 100

119 93.1 69.8 104.6

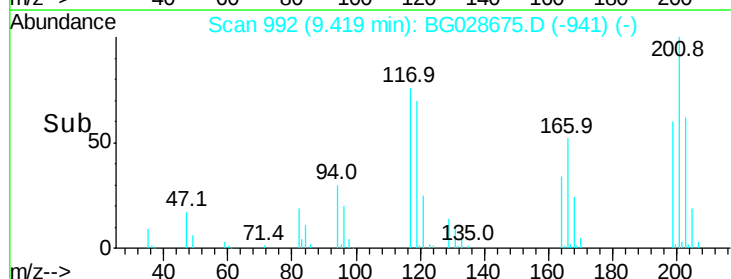
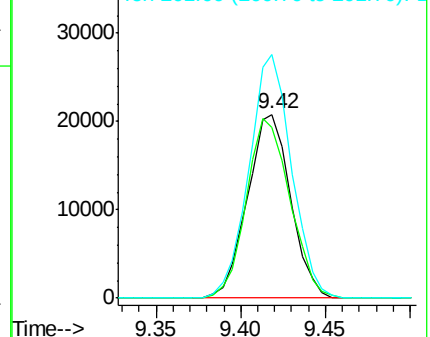
201 132.4 95.4 143.0

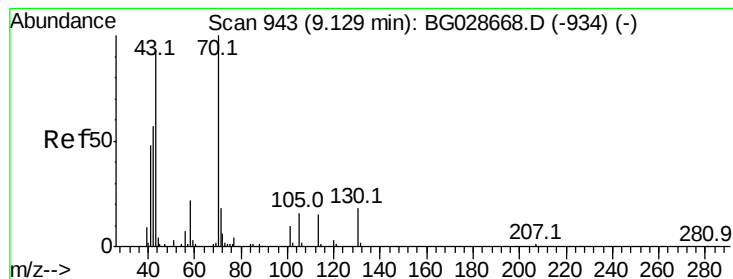


Abundance Ion 117.00 (116.70 to 117.70): E

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: 43.149 ng

RT: 9.13 min Scan# 943

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

Instrument :

BNA_G

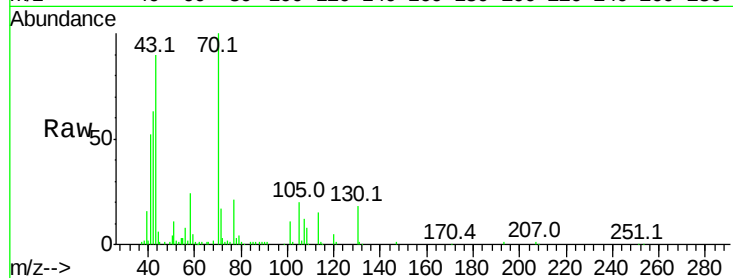
ClientSampleId :

PB102188BS

Tot Ion: 70 Resp: 84878

Ion Ratio Lower Upper

70	100		
42	63.0	56.1	84.1
101	11.3	7.5	11.3#
130	18.4	14.6	21.8



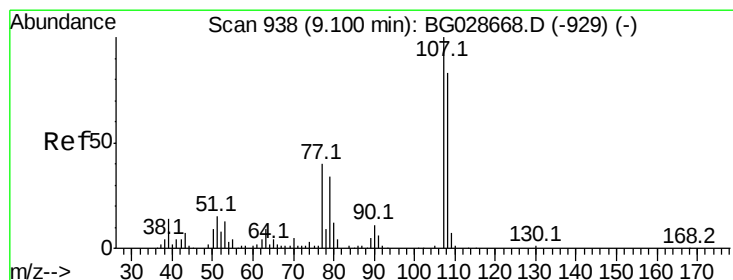
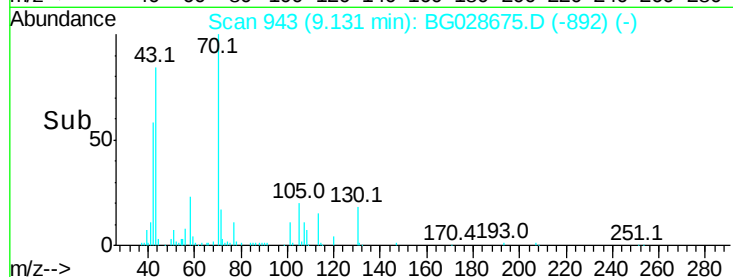
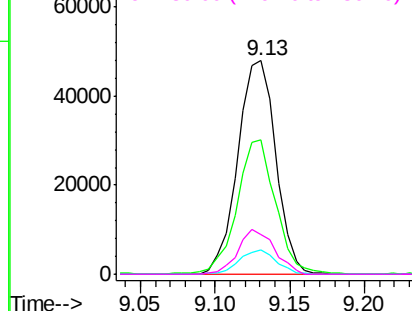
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 49.118 ng

RT: 9.10 min Scan# 937

Delta R.T. -0.00 min

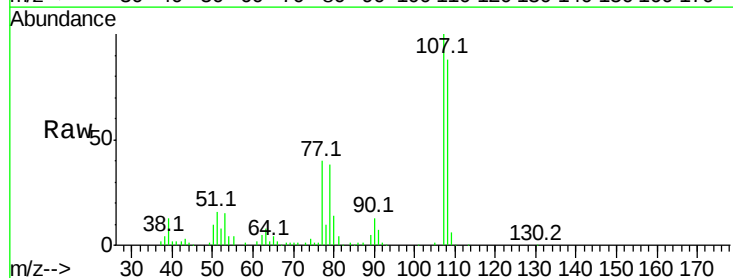
Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

Tgt Ion: 107 Resp: 131474

Ion Ratio Lower Upper

107	100		
108	88.1	70.8	110.8
77	40.0	25.8	65.8
79	37.8	20.1	60.1



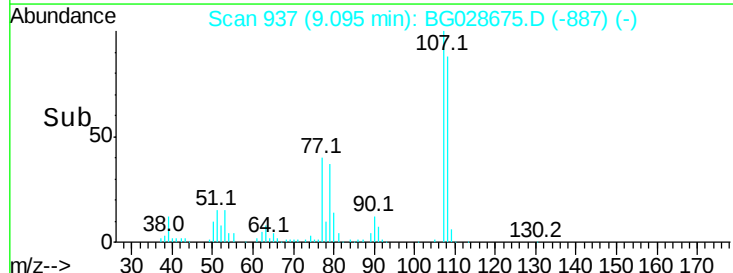
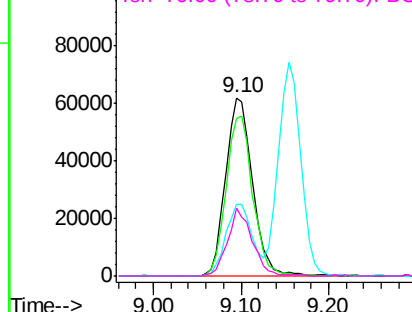
Abundance

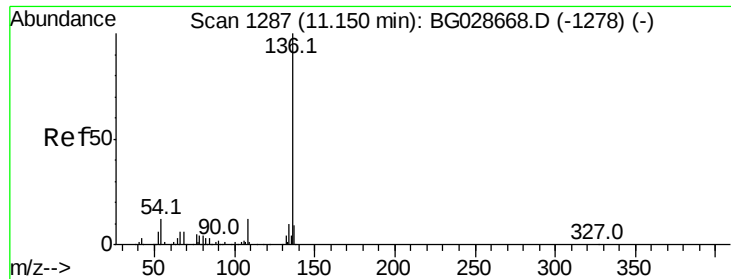
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

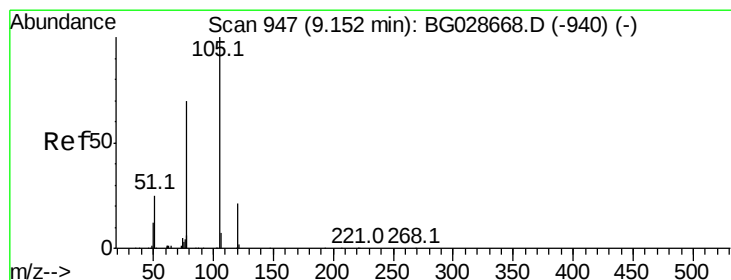
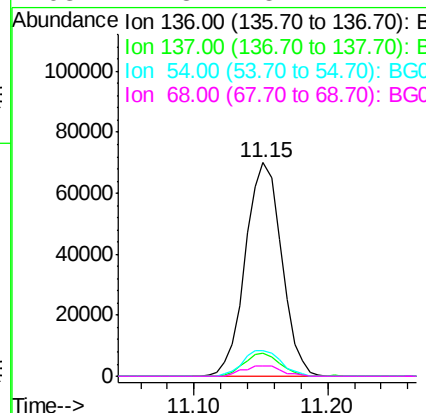
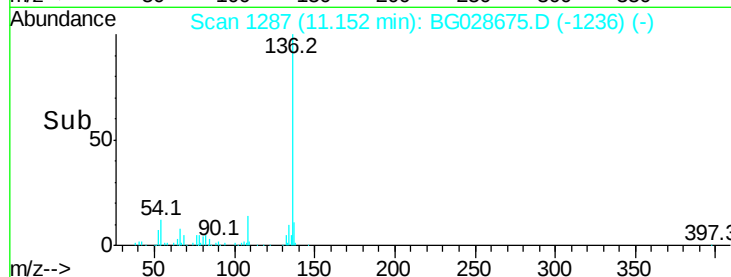
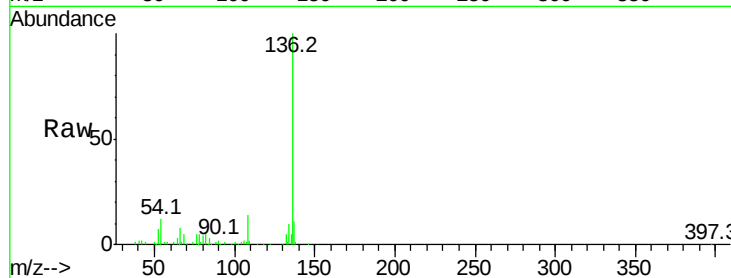




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BG028675.D
Acq: 12 Sep 2017 18:32

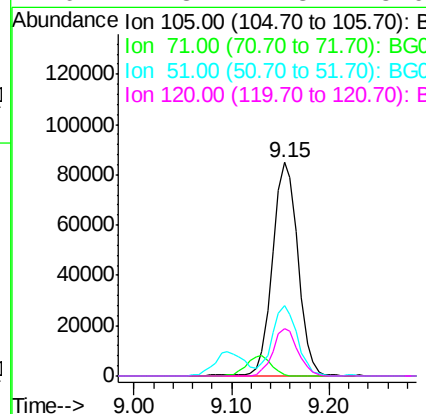
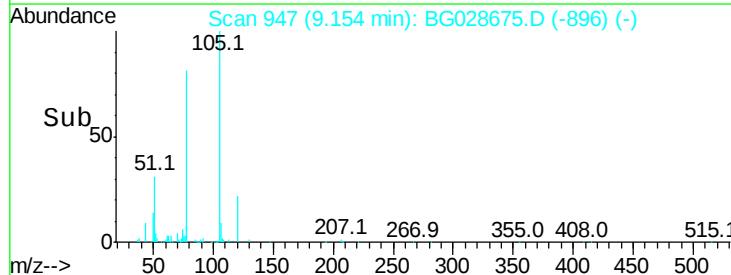
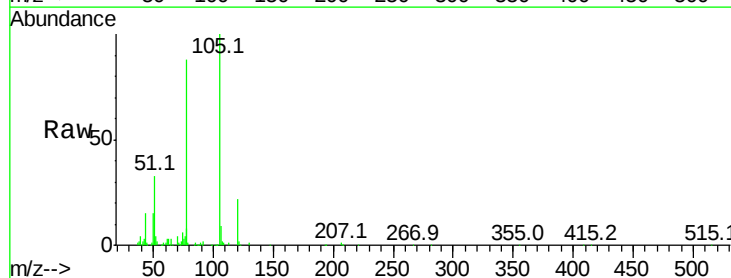
Instrument :
BNA_G
ClientSampleId :
PB102188BS

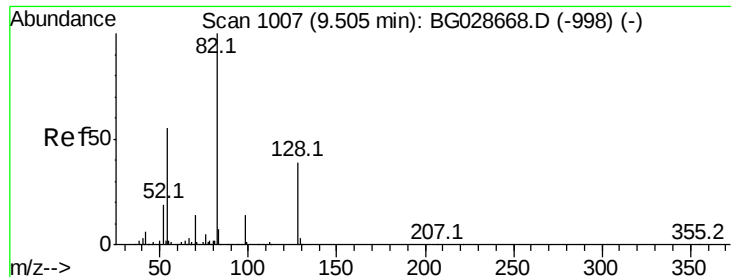
Tot Ion:	136	Resp:	131238
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	12.3	9.3	13.9
68	4.8	5.1	7.7#



#22
Acetophenone
Concen: 40.545 ng
RT: 9.15 min Scan# 947
Delta R.T. 0.00 min
Lab File: BG028675.D
Acq: 12 Sep 2017 18:32

Tgt Ion:	105	Resp:	155585
Ion	Ratio	Lower	Upper
105	100		
71	0.9	0.9	1.3
51	32.8	34.0	51.0#
120	22.3	17.3	25.9

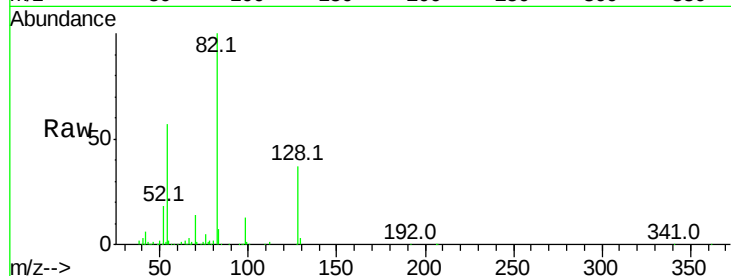




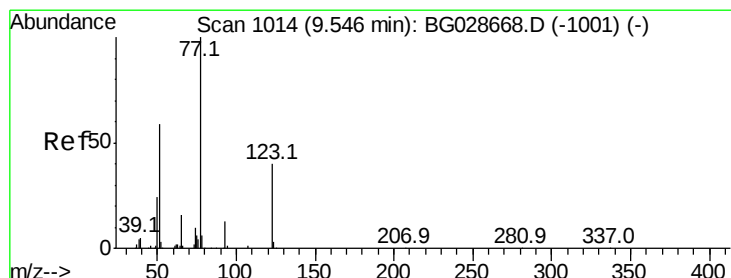
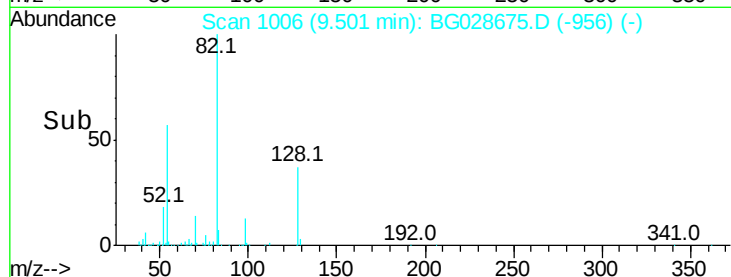
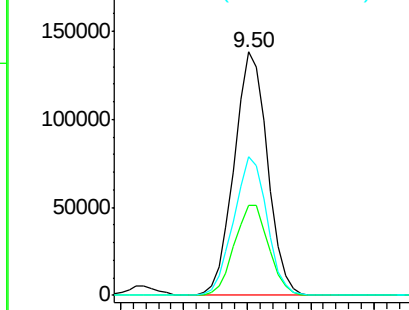
#23
Nitrobenzene-d5
Concen: 92.163 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG028675.D
Acq: 12 Sep 2017 18:32

Instrument :
BNA_G
ClientSampleId :
PB102188BS

Tot Ion: 82 Resp: 252841
Ion Ratio Lower Upper
82 100
128 37.0 26.4 39.6
54 56.7 49.4 74.2

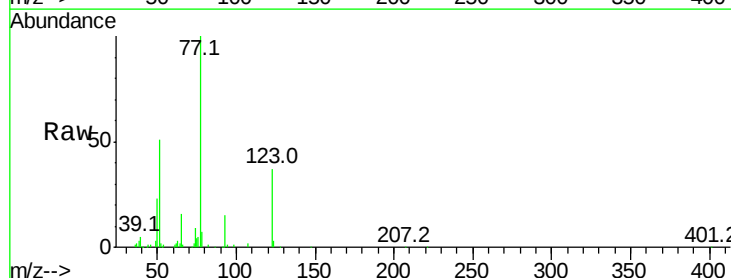


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

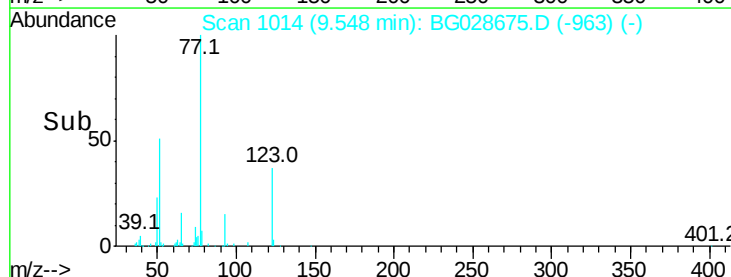
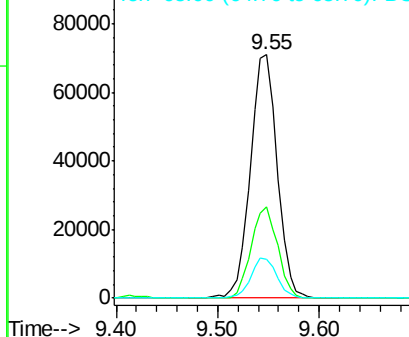


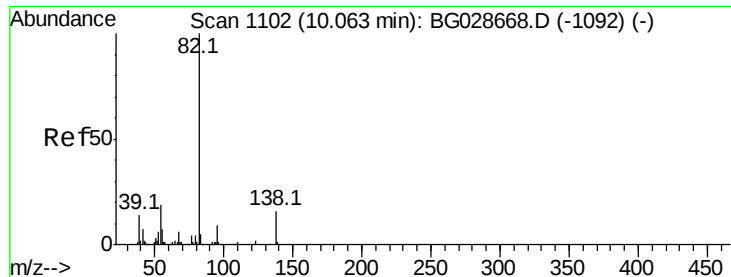
#24
Nitrobenzene
Concen: 42.957 ng
RT: 9.55 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BG028675.D
Acq: 12 Sep 2017 18:32

Tgt Ion: 77 Resp: 130498
Ion Ratio Lower Upper
77 100
123 37.3 26.1 39.1
65 15.7 12.4 18.6



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





#25

Isophorone

Concen: 42.445 ng

RT: 10.06 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

Instrument :

BNA_G

ClientSampleId :

PB102188BS

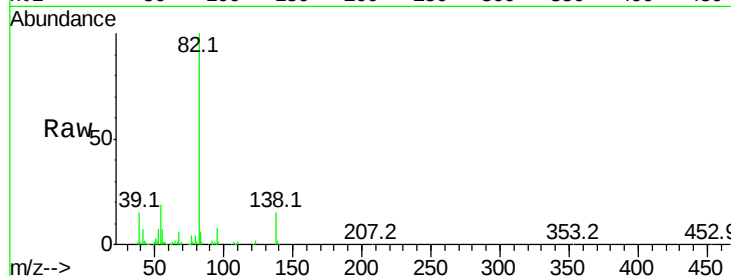
Tot Ion: 82 Resp: 235611

Ion Ratio Lower Upper

82 100

95 8.2 7.5 11.3

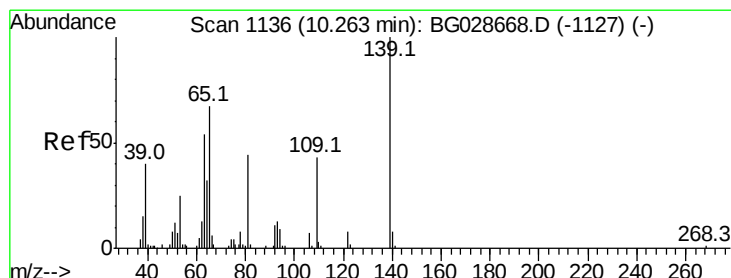
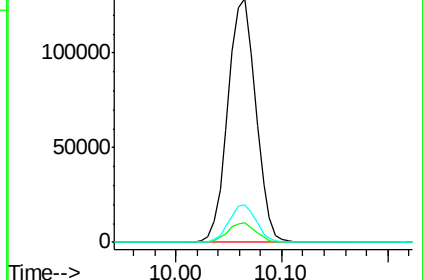
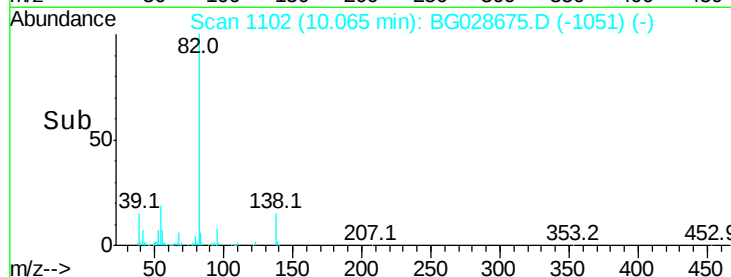
138 15.4 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BG028675.D (-1051) (-)

Ion 95.00 (94.70 to 95.70): BG028675.D (-1051) (-)

Ion 138.00 (137.70 to 138.70): BG028675.D (-1051) (-)



#26

2-Nitrophenol

Concen: 43.831 ng

RT: 10.26 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

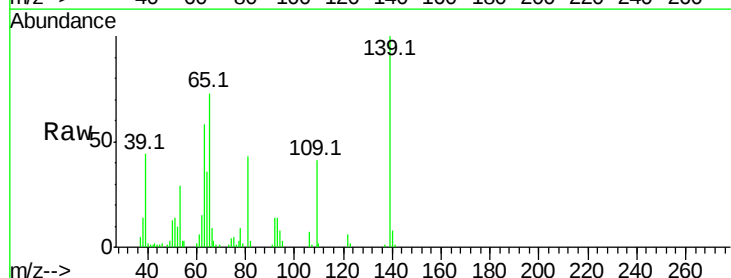
Tgt Ion: 139 Resp: 56670

Ion Ratio Lower Upper

139 100

109 40.8 38.6 58.0

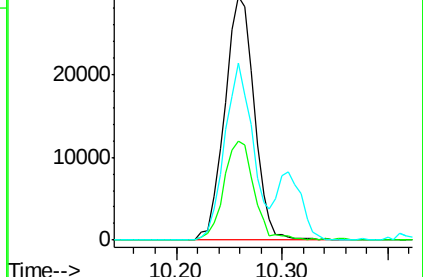
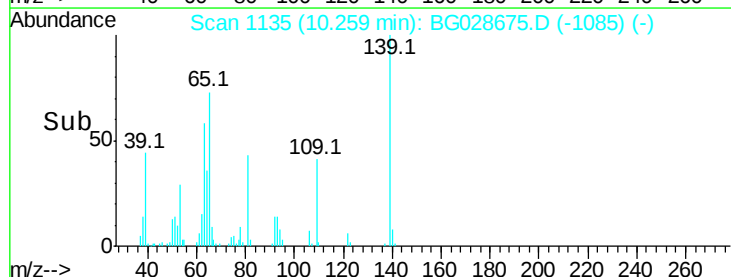
65 73.0 57.1 85.7



Abundance Ion 139.00 (138.70 to 139.70): BG028675.D (-1085) (-)

Ion 109.00 (108.70 to 109.70): BG028675.D (-1085) (-)

Ion 65.00 (64.70 to 65.70): BG028675.D (-1085) (-)

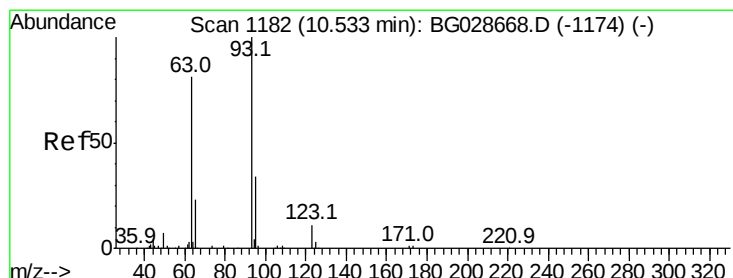
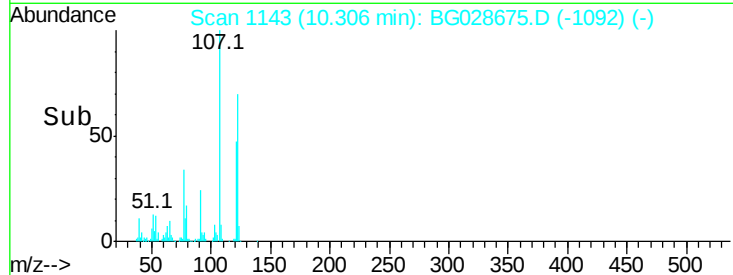
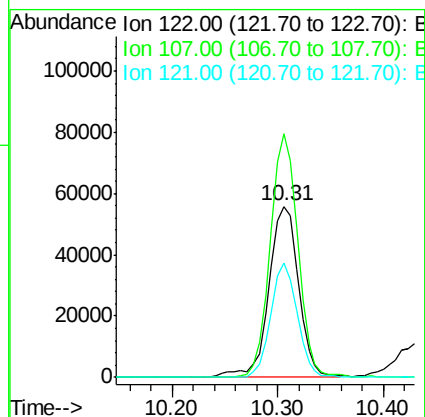
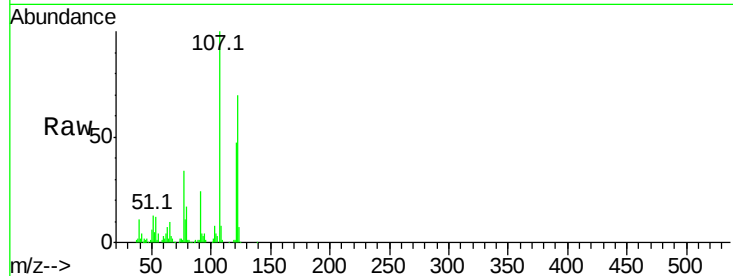




#27
 2,4-Dimethylphenol
 Concen: 45.952 ng
 RT: 10.31 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: BG028675.D
 Acq: 12 Sep 2017 18:32

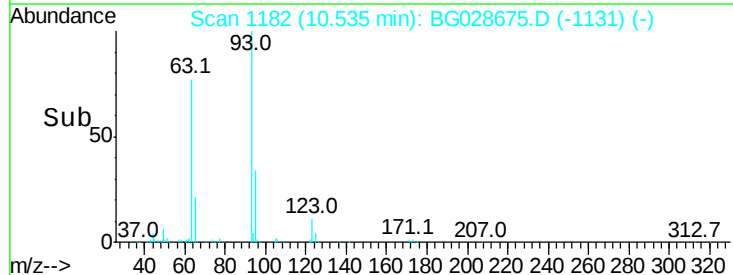
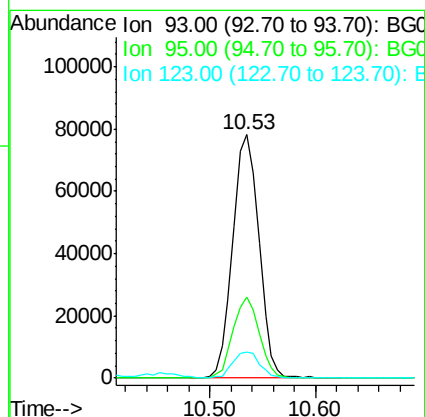
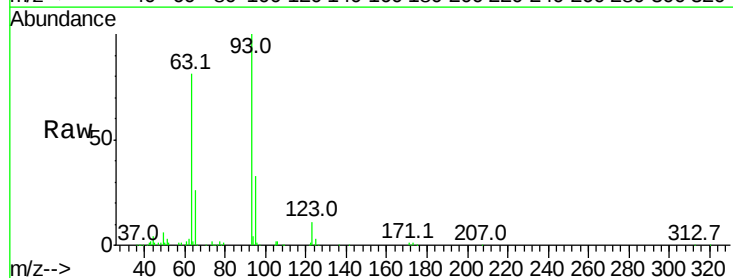
Instrument :
 BNA_G
 ClientSampleId :
 PB102188BS

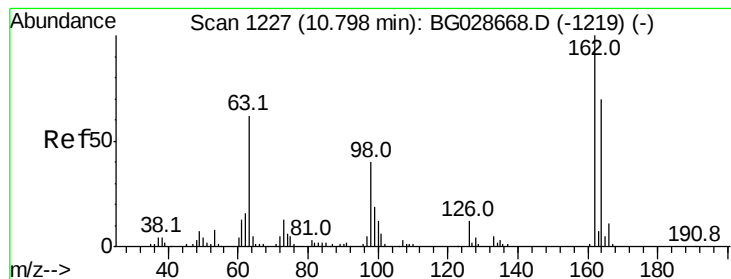
Tot Ion:122 Resp: 108599
 Ion Ratio Lower Upper
 122 100
 107 142.5 104.2 156.4
 121 67.0 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.490 ng
 RT: 10.53 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BG028675.D
 Acq: 12 Sep 2017 18:32

Tgt Ion: 93 Resp: 134116
 Ion Ratio Lower Upper
 93 100
 95 33.2 25.7 38.5
 123 10.9 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 49.333 ng

RT: 10.80 min Scan# 1227

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

Instrument :

BNA_G

ClientSampleId :

PB102188BS

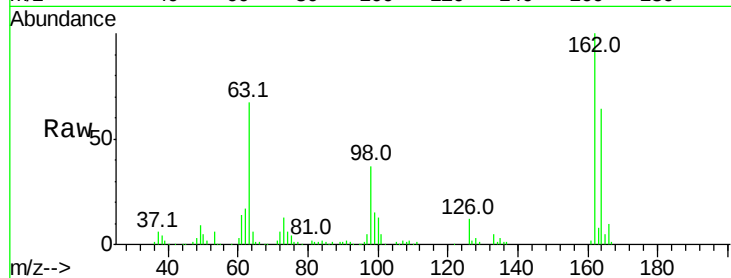
Tot Ion:162 Resp: 116003

Ion Ratio Lower Upper

162 100

164 64.2 42.4 82.4

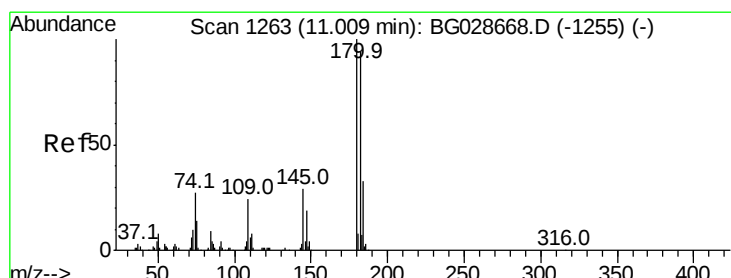
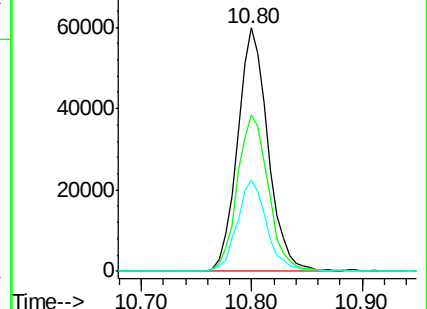
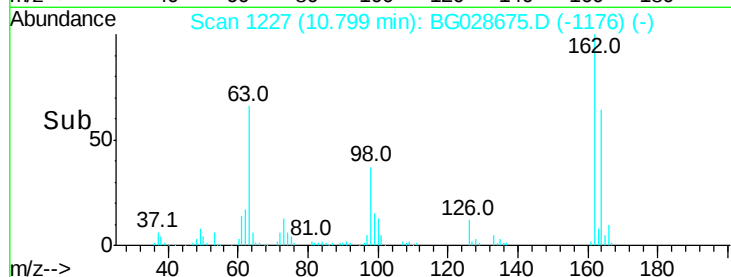
98 37.4 20.3 60.3



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): BGC



#30

1,2,4-Trichlorobenzene

Concen: 42.799 ng

RT: 11.01 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

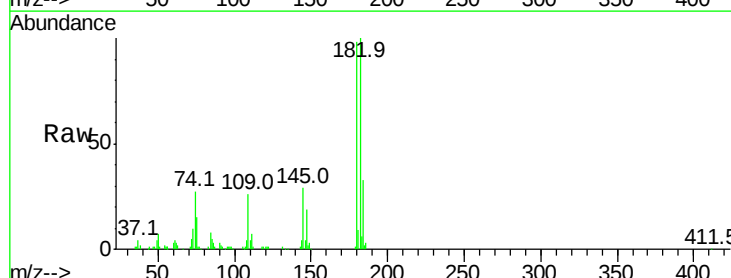
Tgt Ion:180 Resp: 114808

Ion Ratio Lower Upper

180 100

182 101.7 77.0 115.4

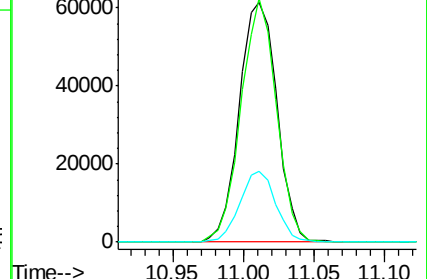
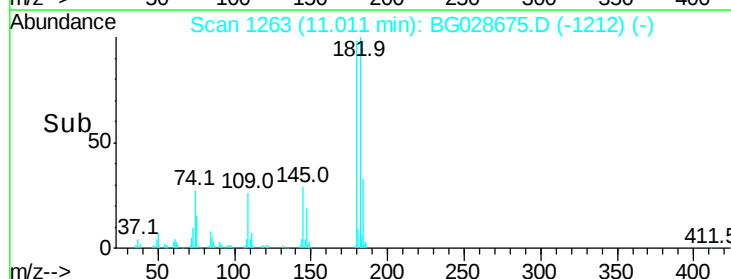
145 29.8 23.4 35.0

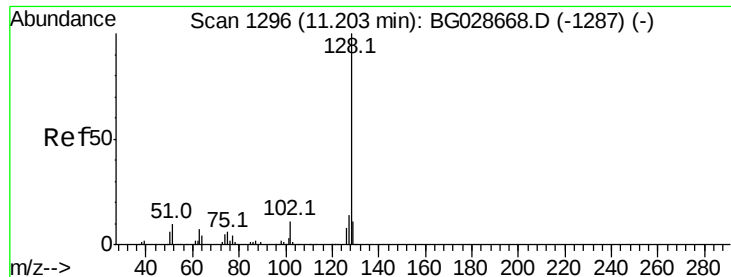


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.141 ng

RT: 11.20 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

Instrument :

BNA_G

ClientSampleId :

PB102188BS

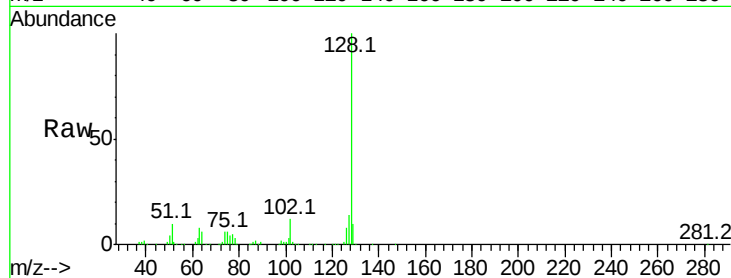
Tot Ion:128 Resp: 302556

Ion Ratio Lower Upper

128 100

129 10.4 9.3 13.9

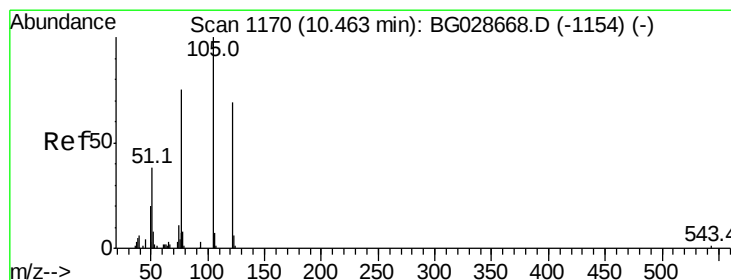
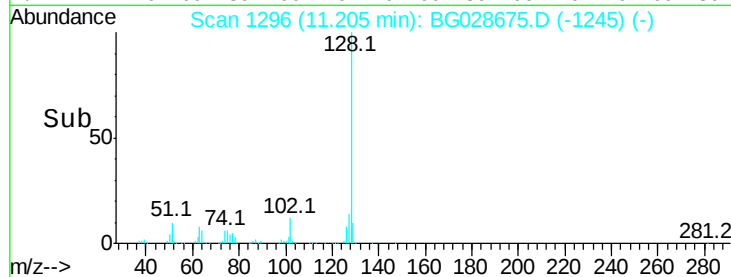
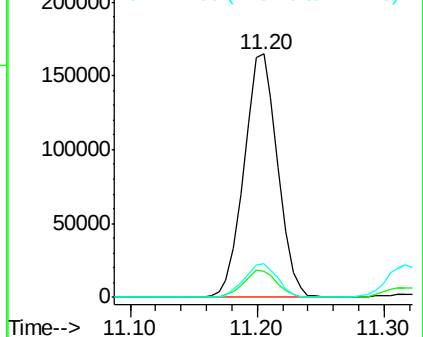
127 13.8 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.021 ng

RT: 10.46 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

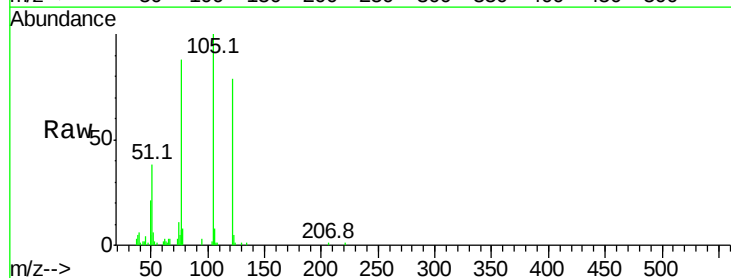
Tgt Ion:122 Resp: 63304

Ion Ratio Lower Upper

122 100

105 126.8 120.1 160.1

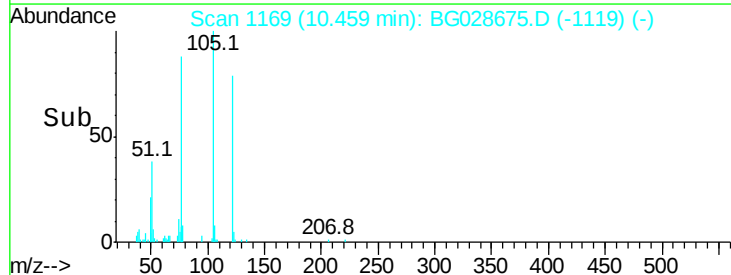
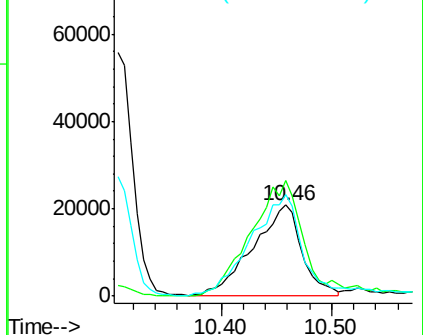
77 111.3 104.6 144.6

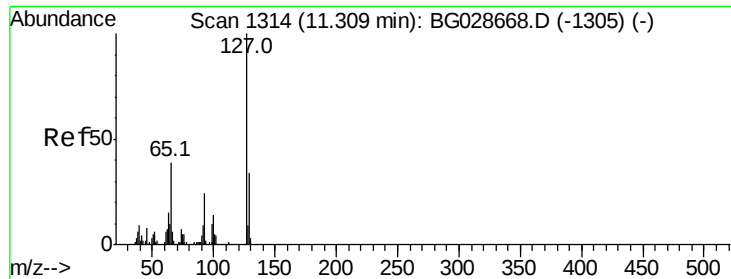


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

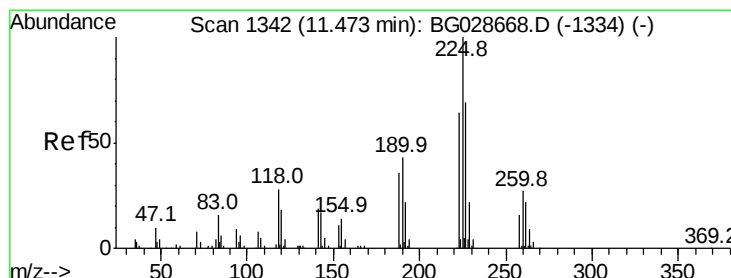
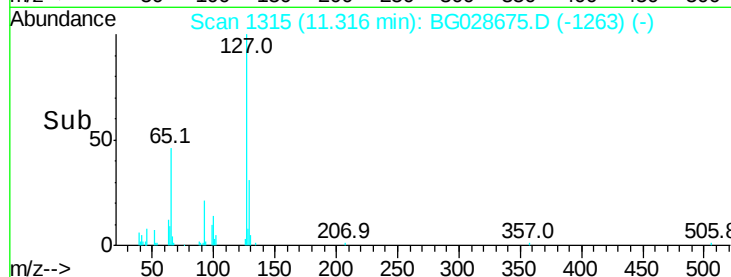
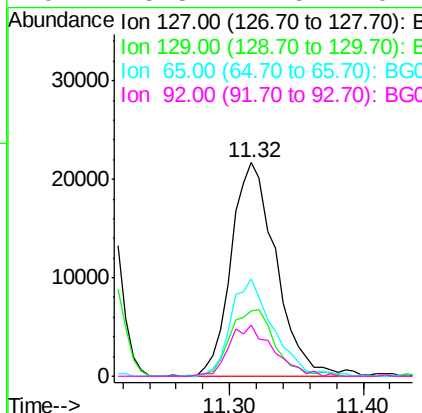
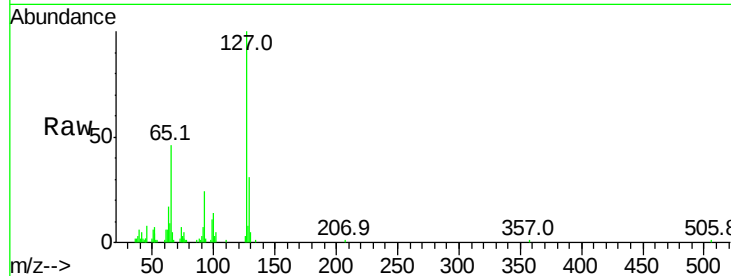




#33
4-Chloroaniline
Concen: 17.552 ng
RT: 11.32 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BG028675.D
Acq: 12 Sep 2017 18:32

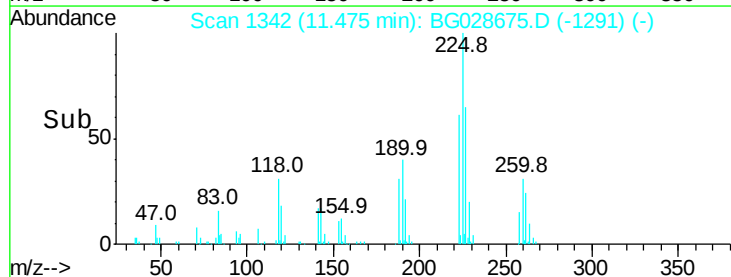
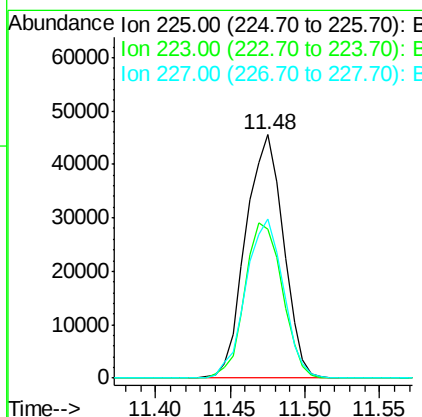
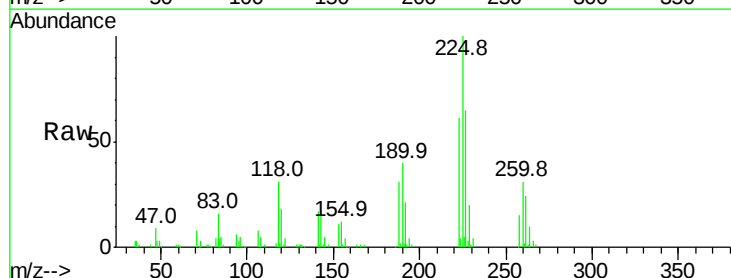
Instrument :
BNA_G
ClientSampleId :
PB102188BS

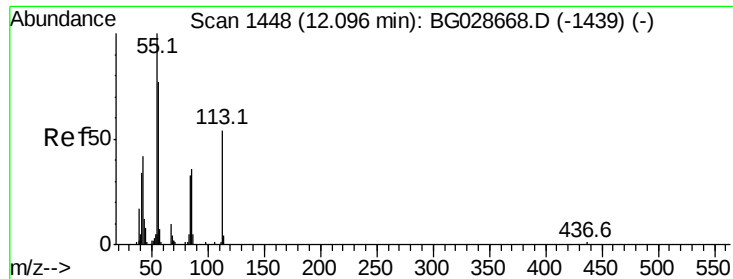
Tot Ion:	127	Resp:	50399
Ion	Ratio	Lower	Upper
127	100		
129	30.6	23.6	35.4
65	45.7	37.7	56.5
92	23.8	17.6	26.4



#34
Hexachlorobutadiene
Concen: 40.330 ng
RT: 11.48 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BG028675.D
Acq: 12 Sep 2017 18:32

Tgt Ion:	225	Resp:	79684
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.7	76.1
227	65.4	49.0	73.6





#35

Caprolactam

Concen: 33.473 ng

RT: 12.10 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

Instrument :

BNA_G

ClientSampleId :

PB102188BS

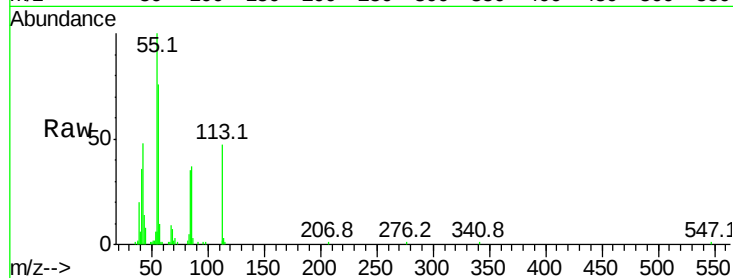
Tot Ion:113 Resp: 28225

Ion Ratio Lower Upper

113 100

55 214.6 198.6 238.6

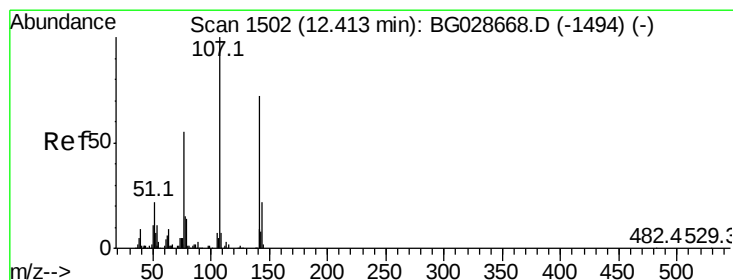
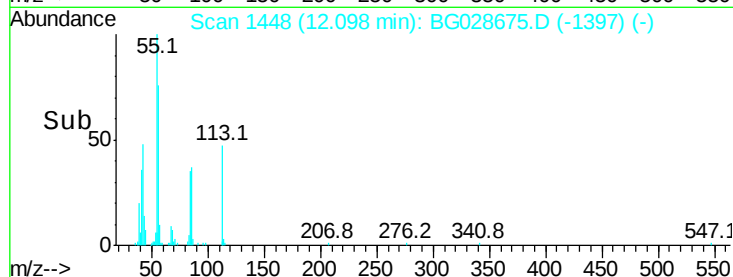
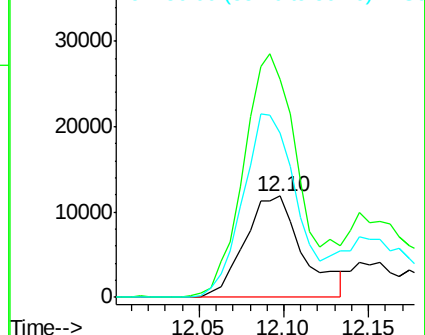
56 162.5 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.944 ng

RT: 12.42 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

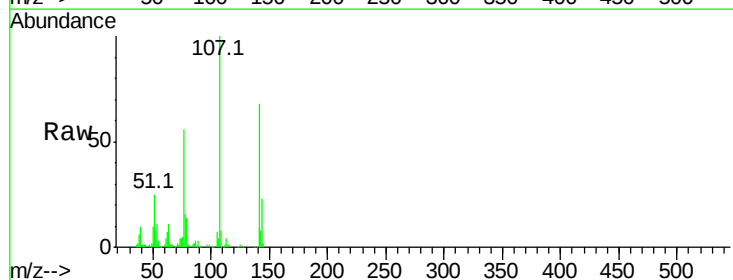
Tgt Ion:107 Resp: 140598

Ion Ratio Lower Upper

107 100

144 22.8 17.4 26.0

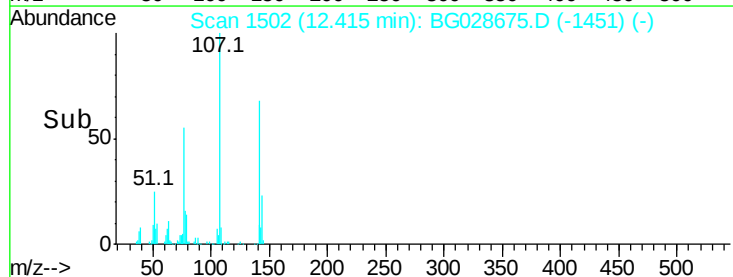
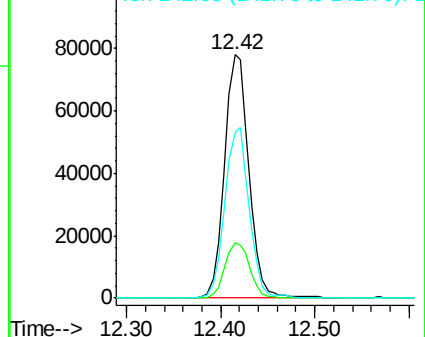
142 67.9 54.1 81.1



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

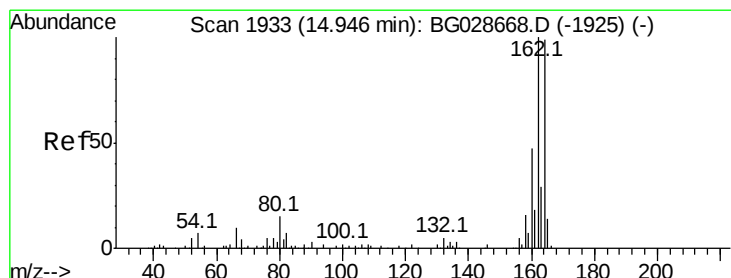
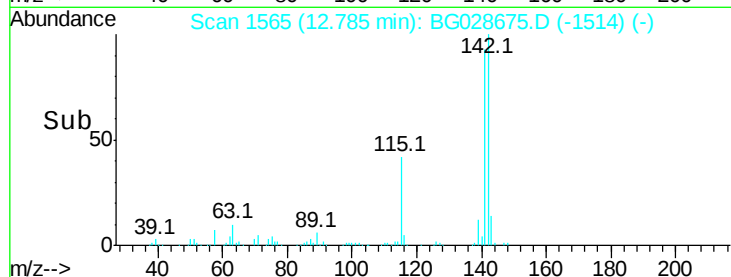
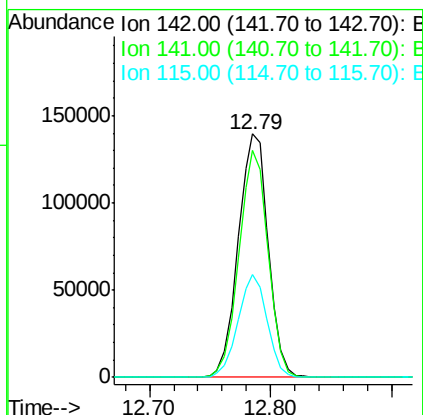
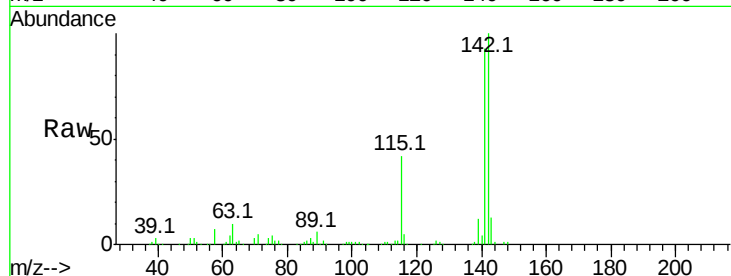




#37
 2-Methylnaphthalene
 Concen: 47.102 ng
 RT: 12.79 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BG028675.D
 Acq: 12 Sep 2017 18:32

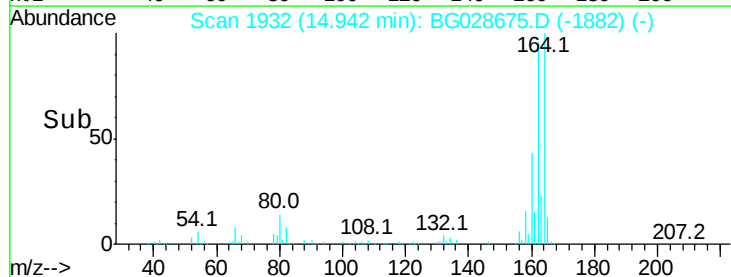
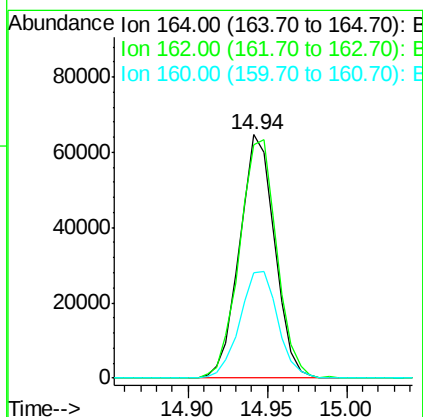
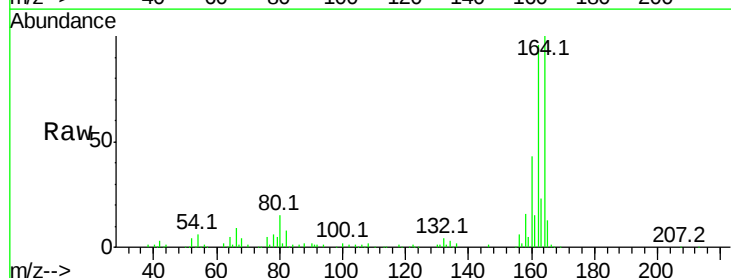
Instrument :
 BNA_G
 ClientSampleId :
 PB102188BS

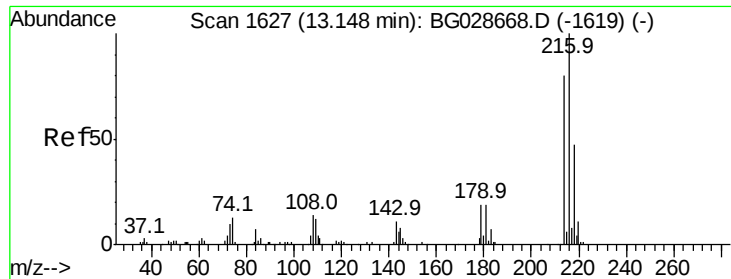
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.3	70.4	105.6
115	42.1	35.5	53.3



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.94 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: BG028675.D
 Acq: 12 Sep 2017 18:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.1	85.1	127.7
160	43.1	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.783 ng

RT: 13.15 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

Instrument :

BNA_G

ClientSampleId :

PB102188BS

Tot Ion:216 Resp: 154114

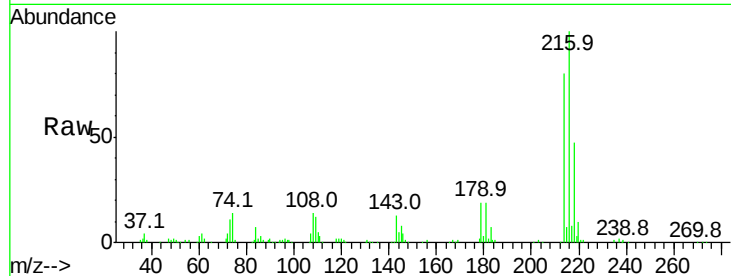
Ion Ratio Lower Upper

216 100

214 79.2 64.4 96.6

179 19.3 17.4 26.0

108 16.5 15.6 23.4

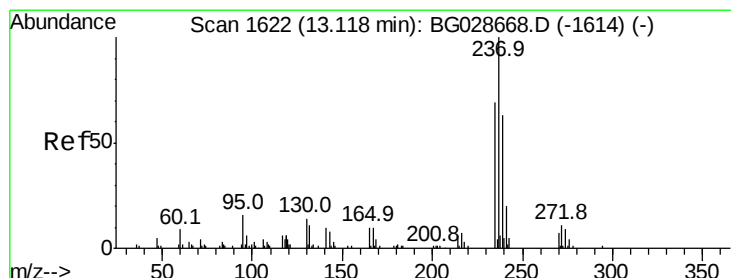
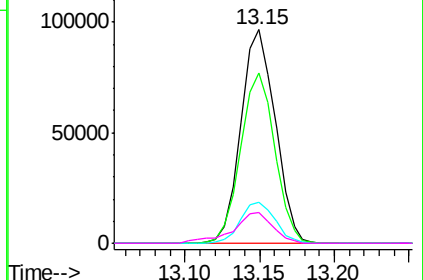
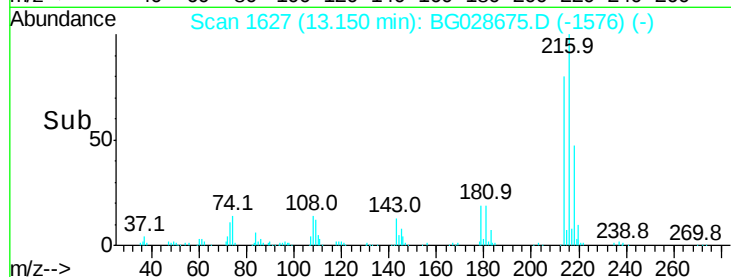


Abundance Ion 216.00 (215.70 to 216.70): E

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: 100.414 ng

RT: 13.12 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

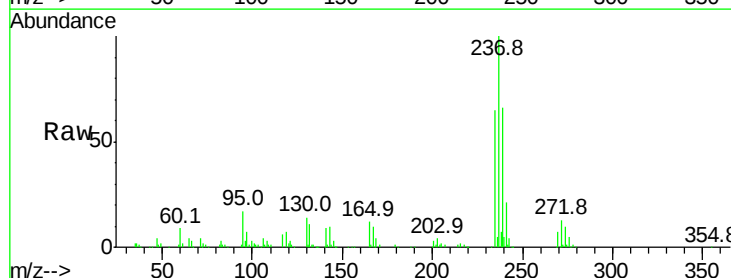
Tgt Ion:237 Resp: 162510

Ion Ratio Lower Upper

237 100

235 64.9 39.4 79.4

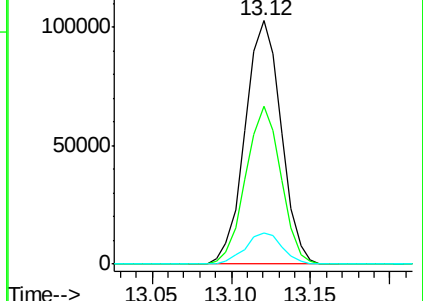
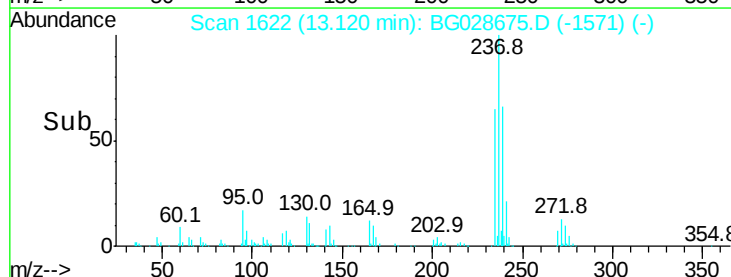
272 13.0 0.0 32.0

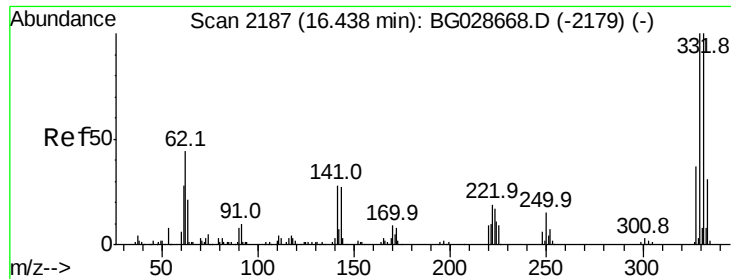


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

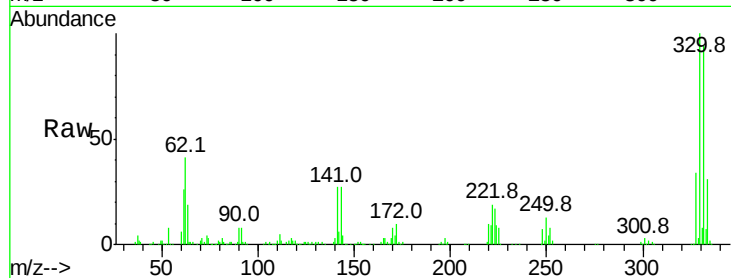




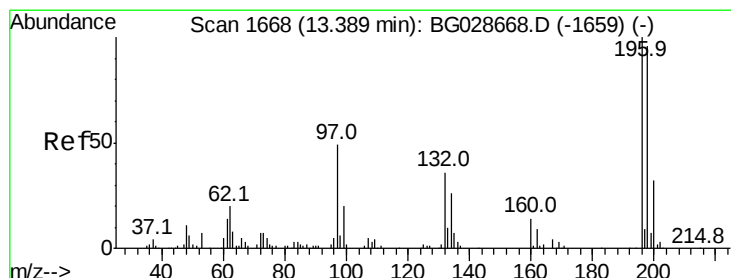
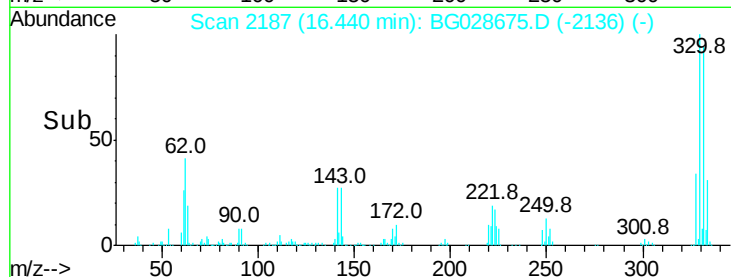
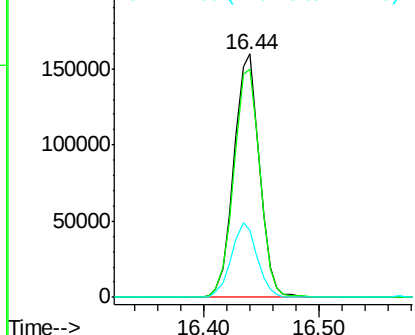
#41
 2,4,6-Tribromophenol
 Concen: 149.290 ng
 RT: 16.44 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: BG028675.D
 Acq: 12 Sep 2017 18:32

Instrument :
 BNA_G
 ClientSampleId :
 PB102188BS

Tot Ion:330 Resp: 244949
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 31.0 32.1 48.1#

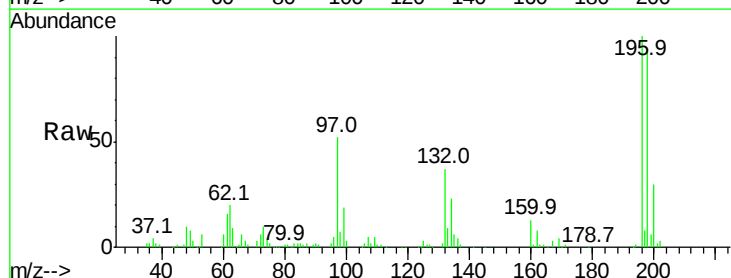


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

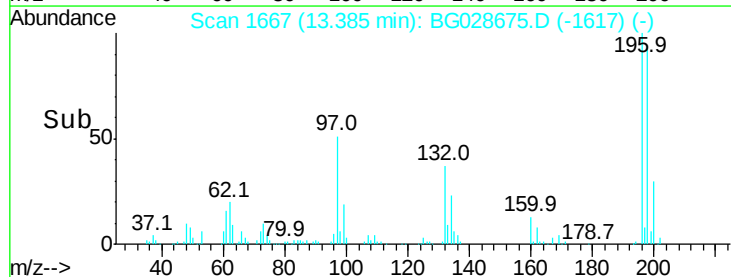
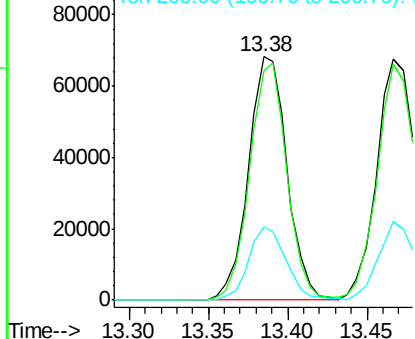


#42
 2,4,6-Trichlorophenol
 Concen: 44.511 ng
 RT: 13.38 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BG028675.D
 Acq: 12 Sep 2017 18:32

Tgt Ion:196 Resp: 115233
 Ion Ratio Lower Upper
 196 100
 198 94.1 81.4 122.2
 200 29.9 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: 47.107 ng

RT: 13.47 min Scan# 1681

Delta R.T. -0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

Instrument :

BNA_G

ClientSampleId :

PB102188BS

Tot Ion:196 Resp: 122541

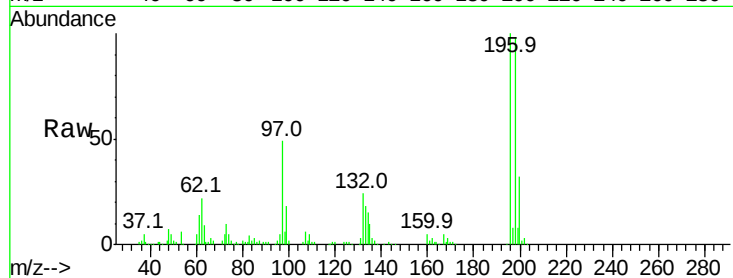
Ion Ratio Lower Upper

196 100

198 97.9 79.9 119.9

97 48.6 45.4 68.0

132 24.1 20.7 31.1

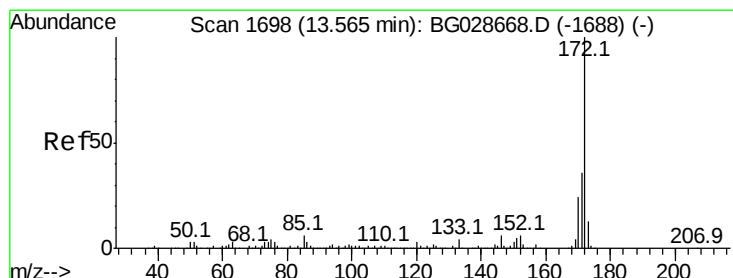
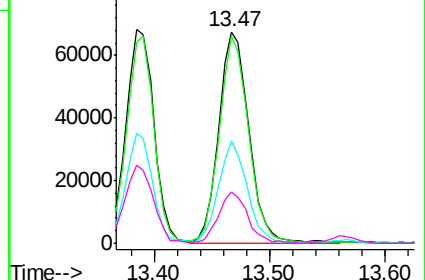
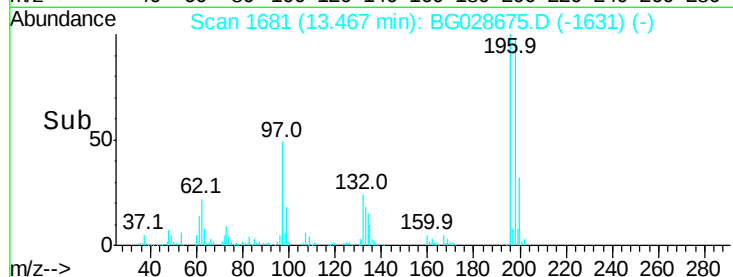


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 91.836 ng

RT: 13.57 min Scan# 1698

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

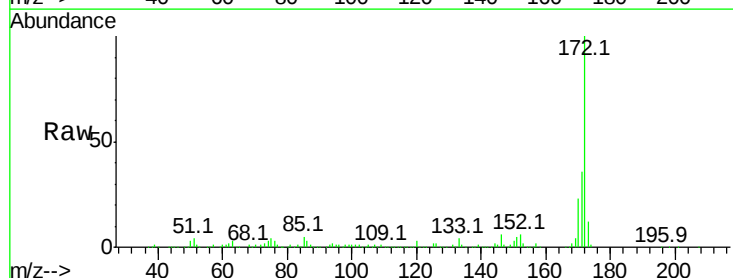
Tgt Ion:172 Resp: 683232

Ion Ratio Lower Upper

172 100

171 35.8 32.2 48.2

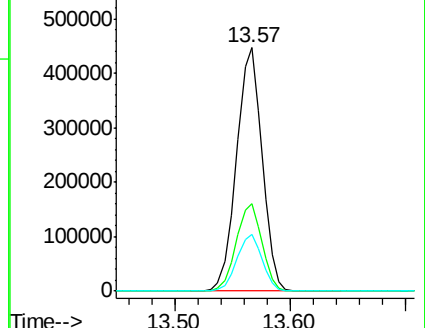
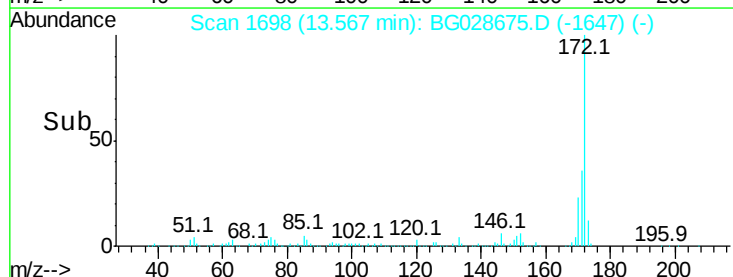
170 23.3 21.8 32.6

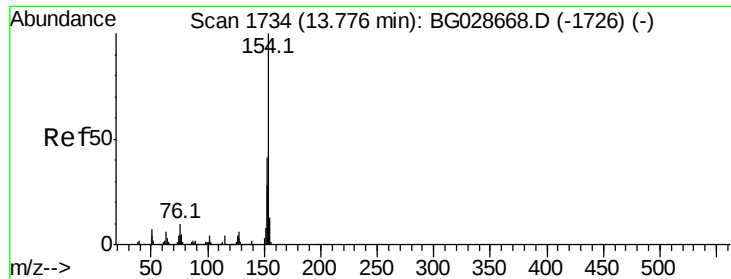


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

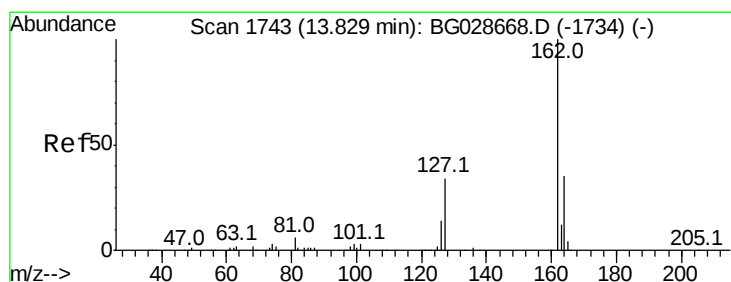
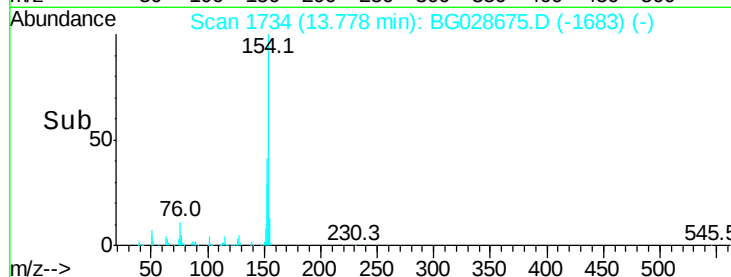
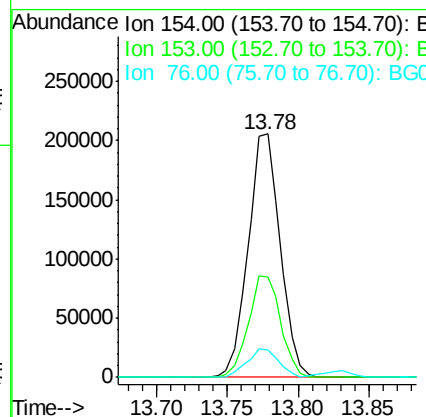
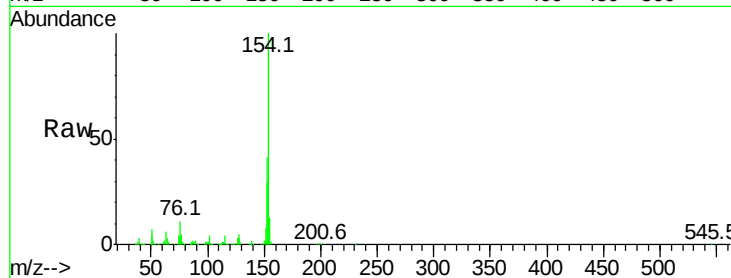




#45
1,1'-Biphenyl
Concen: 39.887 ng
RT: 13.78 min Scan# 1734
Delta R.T. 0.00 min
Lab File: BG028675.D
Acq: 12 Sep 2017 18:32

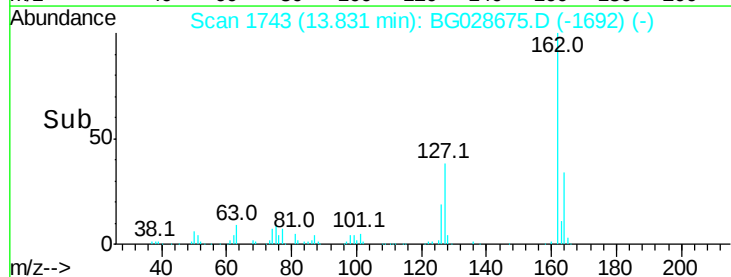
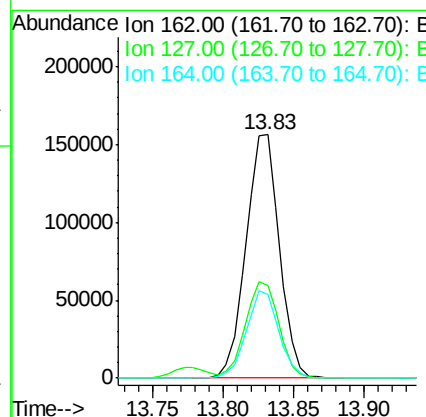
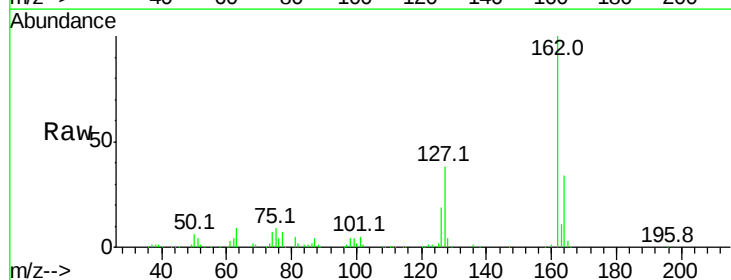
Instrument :
BNA_G
ClientSampleId :
PB102188BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	23.0	63.0
76	11.0	0.0	33.5



#46
2-Chloronaphthalene
Concen: 43.147 ng
RT: 13.83 min Scan# 1743
Delta R.T. 0.00 min
Lab File: BG028675.D
Acq: 12 Sep 2017 18:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.8	32.2	48.4
164	34.1	27.3	40.9

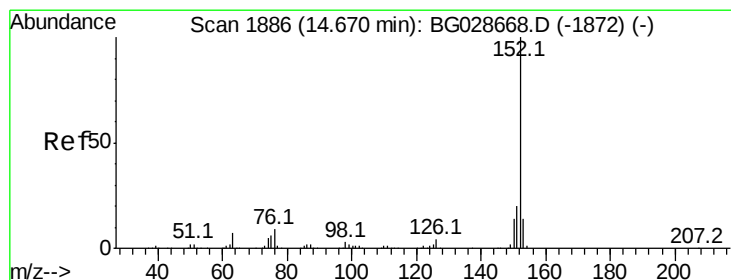
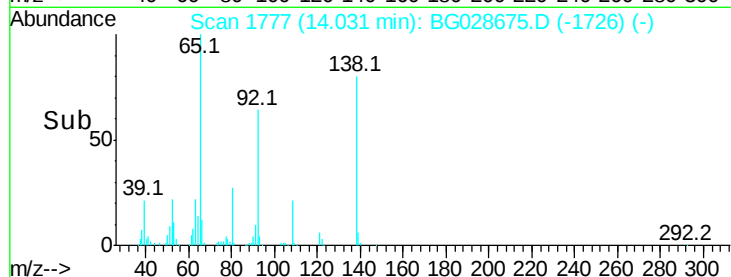
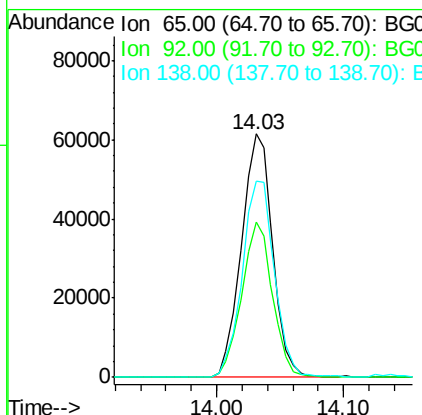
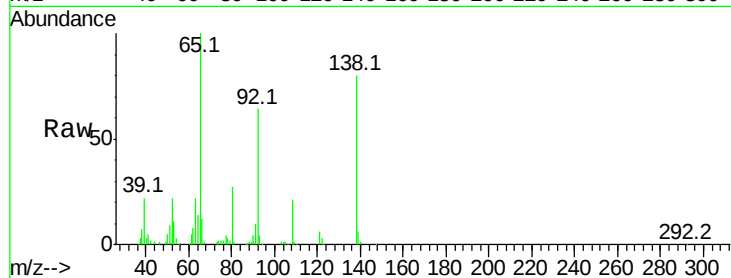




#47
2-Nitroaniline
Concen: 47.089 ng
RT: 14.03 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BG028675.D
Acq: 12 Sep 2017 18:32

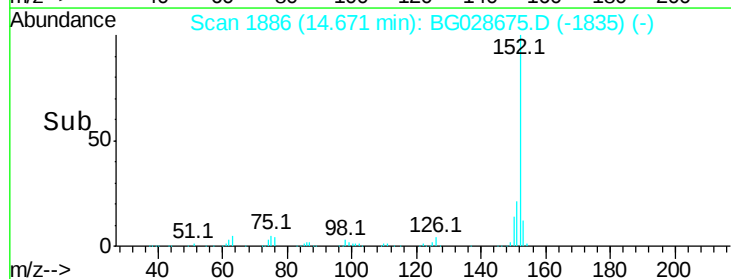
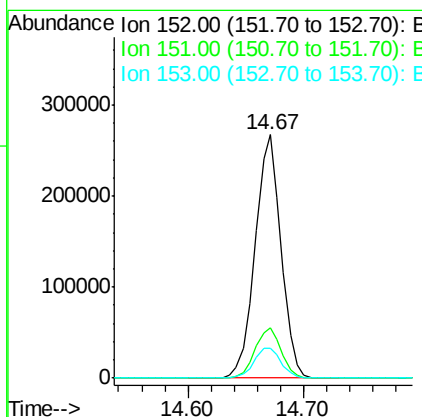
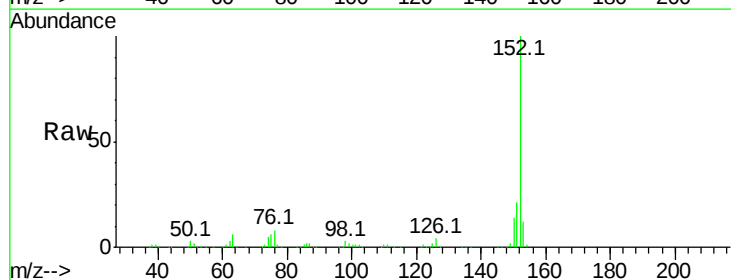
Instrument :
BNA_G
ClientSampleId :
PB102188BS

Tot Ion: 65 Resp: 104844
Ion Ratio Lower Upper
65 100
92 63.8 49.0 73.4
138 80.4 58.6 87.8



#48
Acenaphthylene
Concen: 43.597 ng
RT: 14.67 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BG028675.D
Acq: 12 Sep 2017 18:32

Tgt Ion: 152 Resp: 417275
Ion Ratio Lower Upper
152 100
151 20.9 18.2 27.2
153 12.3 11.3 16.9





#49

Dimethylphthalate

Concen: 44.336 ng

RT: 14.39 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

Instrument :

BNA_G

ClientSampleId :

PB102188BS

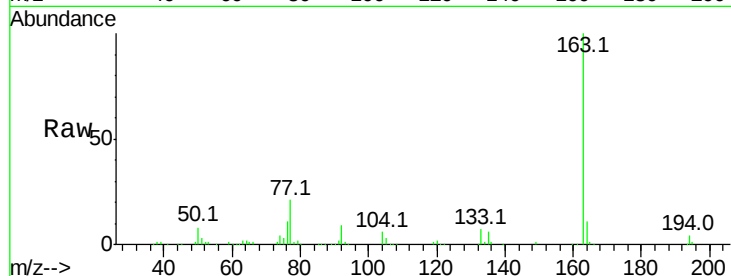
Tot Ion:163 Resp: 368821

Ion Ratio Lower Upper

163 100

194 4.4 3.8 5.6

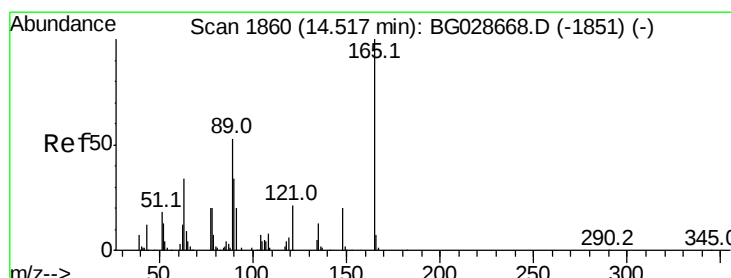
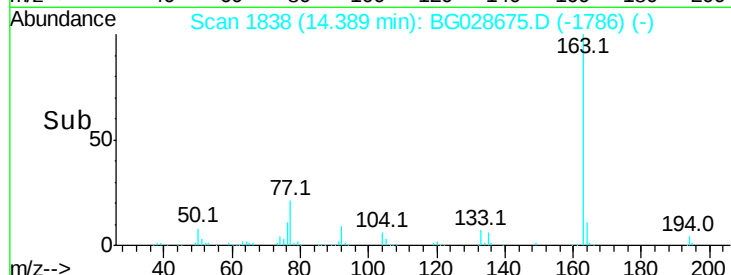
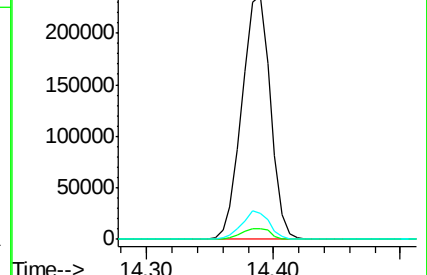
164 10.6 9.3 13.9



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: 45.019 ng

RT: 14.52 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

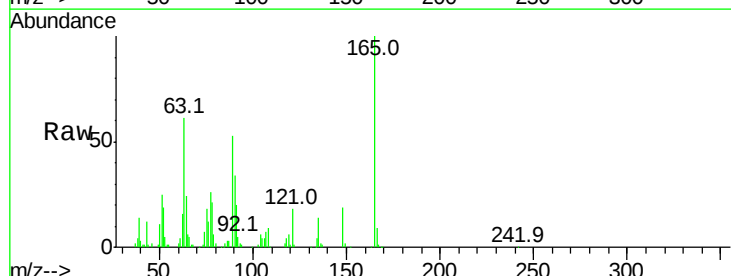
Tgt Ion:165 Resp: 83331

Ion Ratio Lower Upper

165 100

63 61.3 63.9 95.9#

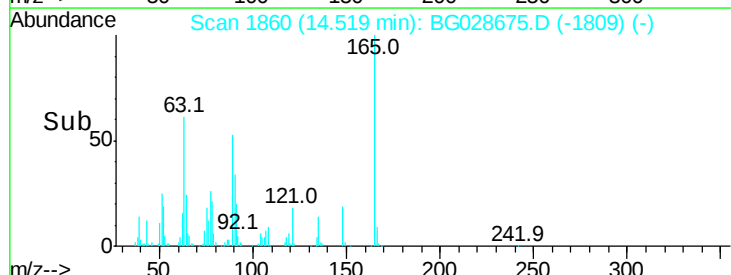
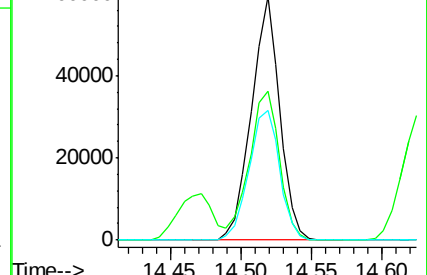
89 53.5 58.6 88.0#

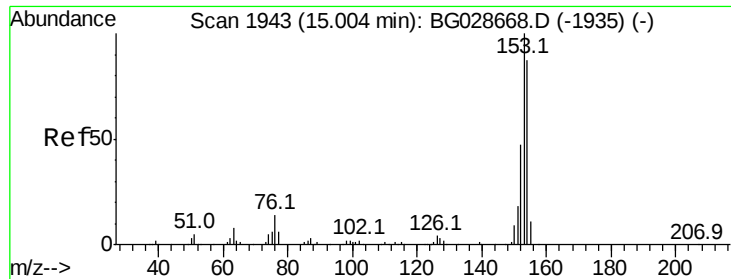


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 43.733 ng

RT: 15.01 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

Instrument :

BNA_G

ClientSampleId :

PB102188BS

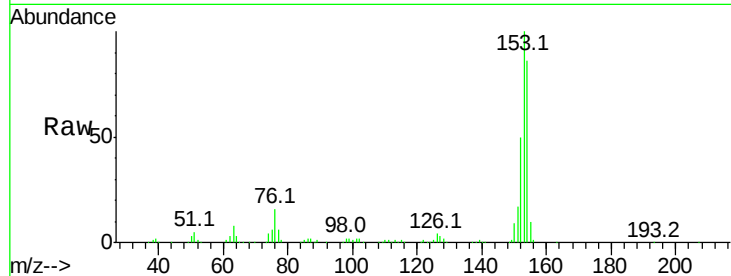
Tot Ion:154 Resp: 254270

Ion Ratio Lower Upper

154 100

153 116.0 87.8 131.6

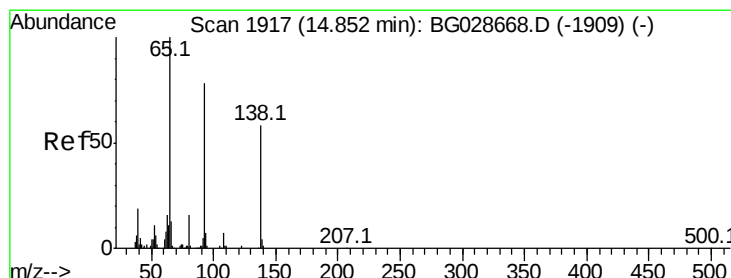
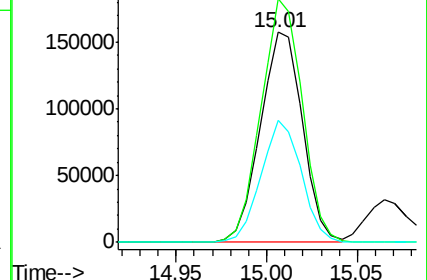
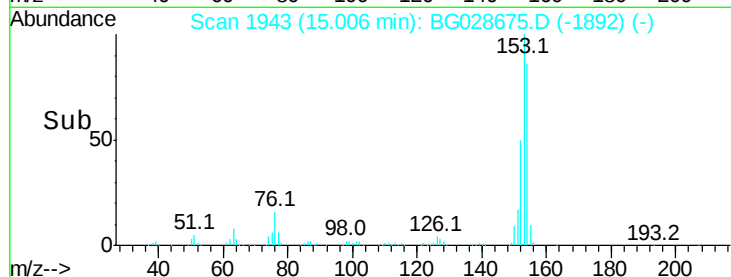
152 58.4 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.364 ng

RT: 14.85 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

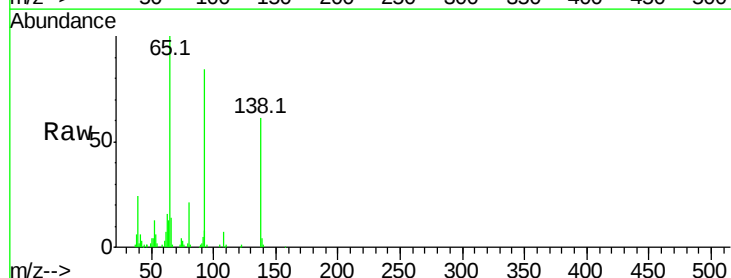
Tgt Ion:138 Resp: 36608

Ion Ratio Lower Upper

138 100

108 11.9 10.9 16.3

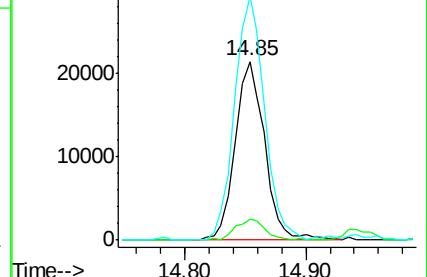
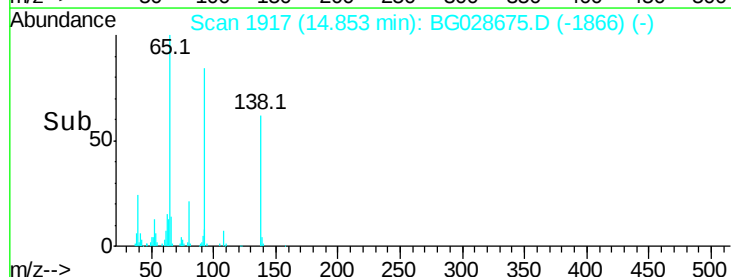
92 136.4 115.3 172.9

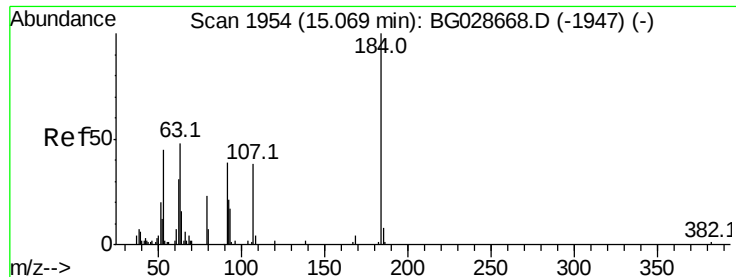


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 86.486 ng

RT: 15.06 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

Instrument :

BNA_G

ClientSampleId :

PB102188BS

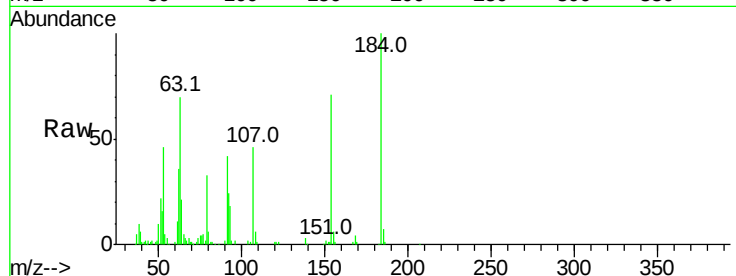
Tot Ion:184 Resp: 85056

Ion Ratio Lower Upper

184 100

63 69.8 52.7 79.1

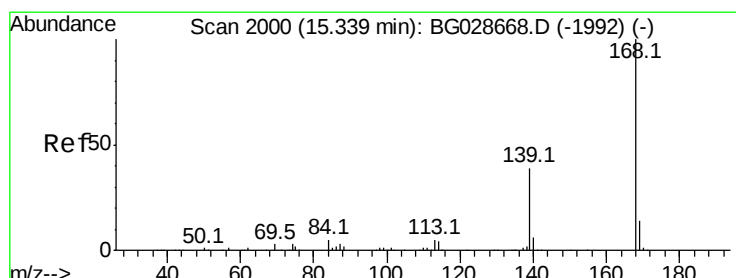
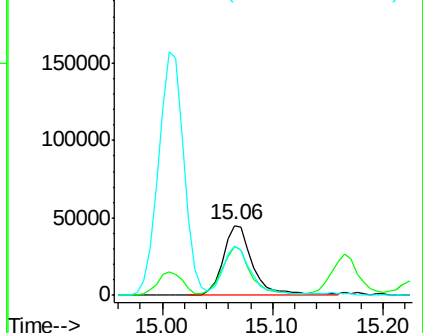
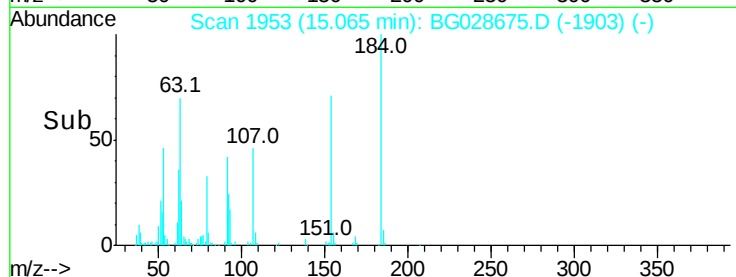
154 70.7 57.3 85.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 46.869 ng

RT: 15.34 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

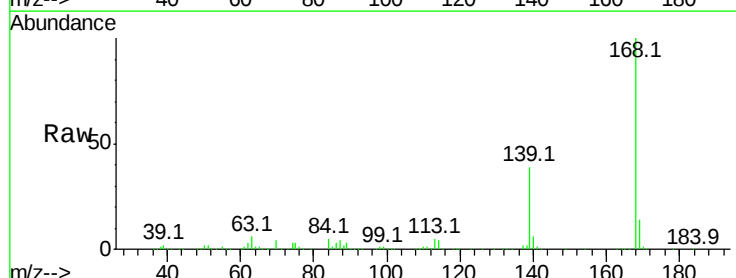
Tgt Ion:168 Resp: 434563

Ion Ratio Lower Upper

168 100

139 39.0 35.3 52.9

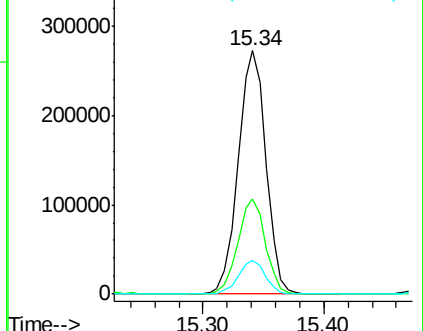
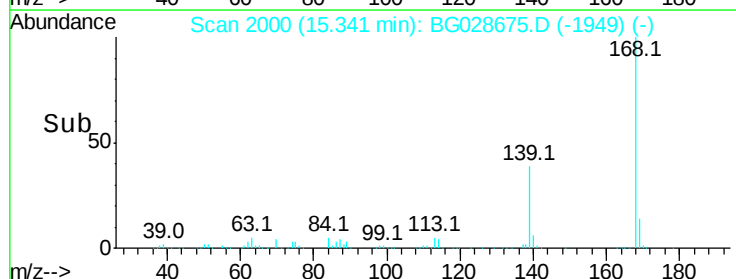
169 14.1 11.5 17.3

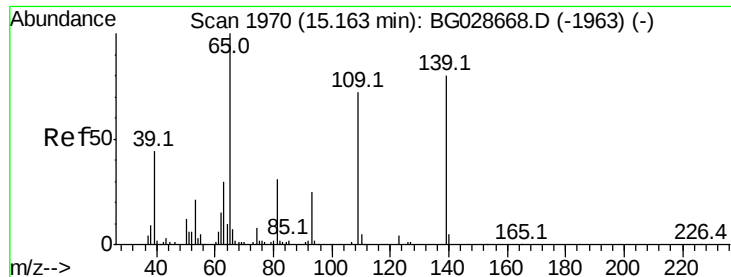


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 97.299 ng

RT: 15.16 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

Instrument :

BNA_G

ClientSampleId :

PB102188BS

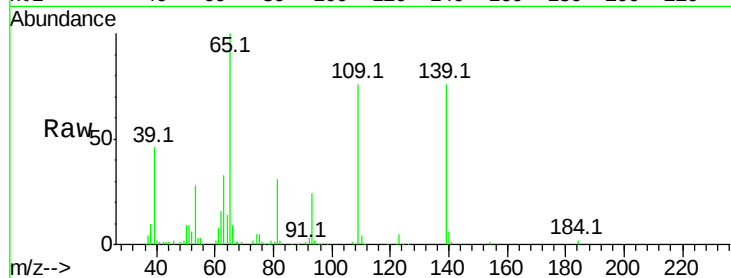
Tot Ion:139 Resp: 116688

Ion Ratio Lower Upper

139 100

109 100.0 101.2 141.2#

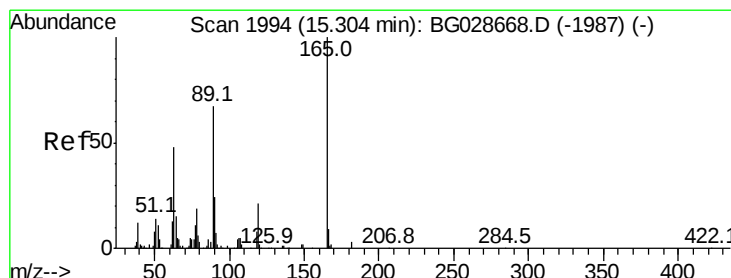
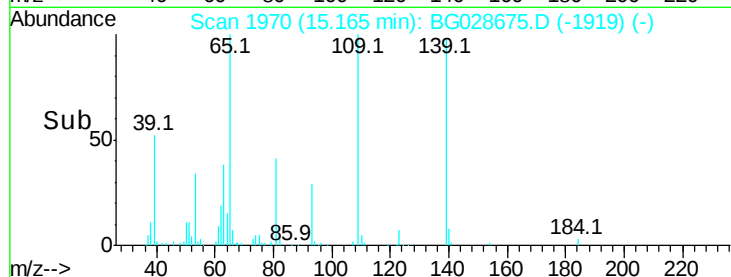
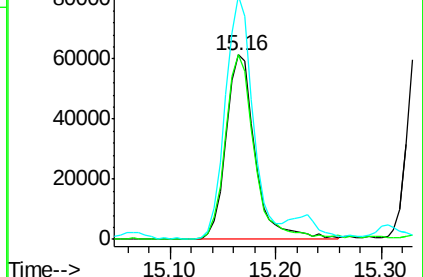
65 132.0 135.3 175.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 47.146 ng

RT: 15.31 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

Tgt Ion:165 Resp: 122705

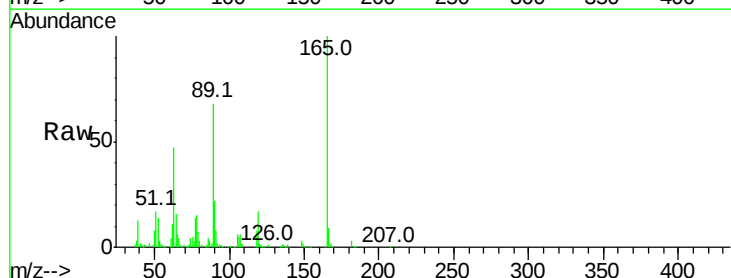
Ion Ratio Lower Upper

165 100

63 46.9 44.0 66.0

89 68.1 67.3 100.9

182 3.0 3.8 5.6#

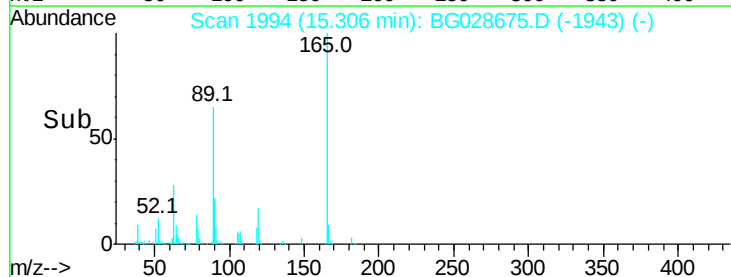
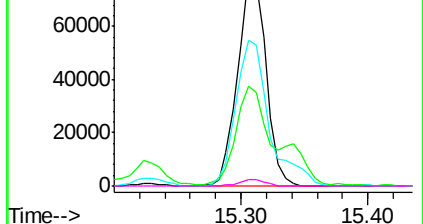


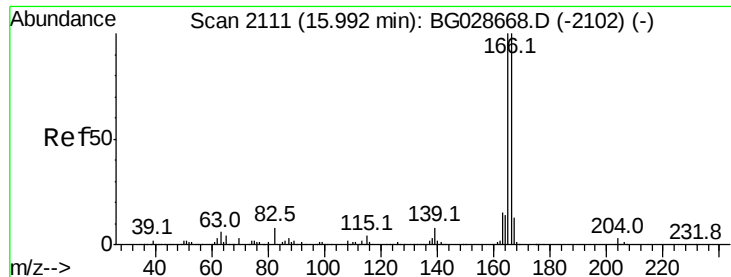
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

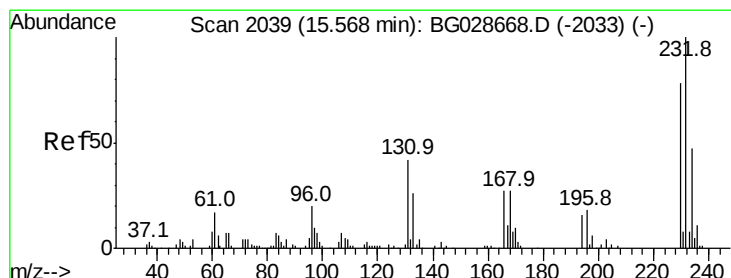
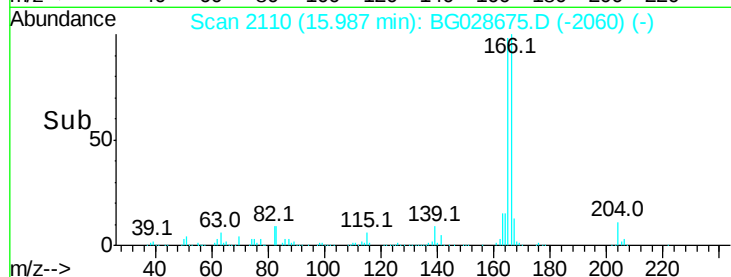
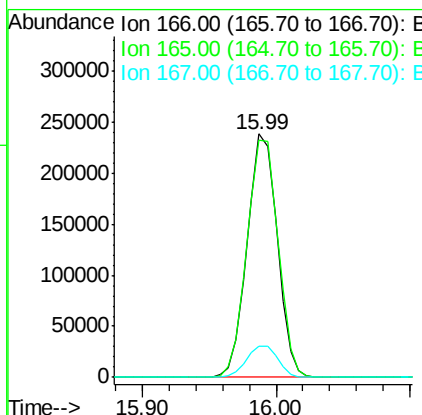
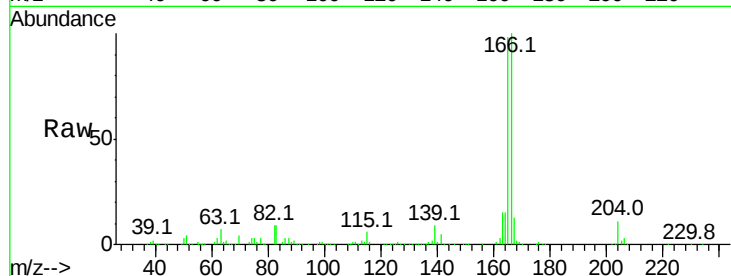




#57
 Fluorene
 Concen: 44.674 ng
 RT: 15.99 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: BG028675.D
 Acq: 12 Sep 2017 18:32

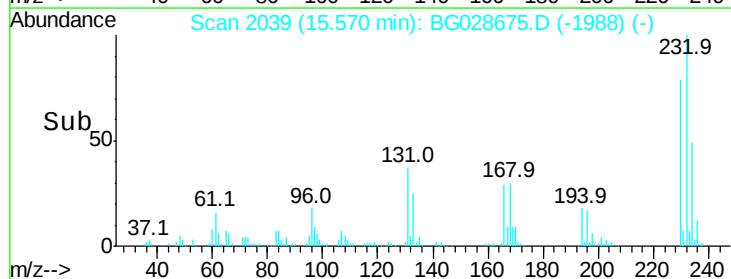
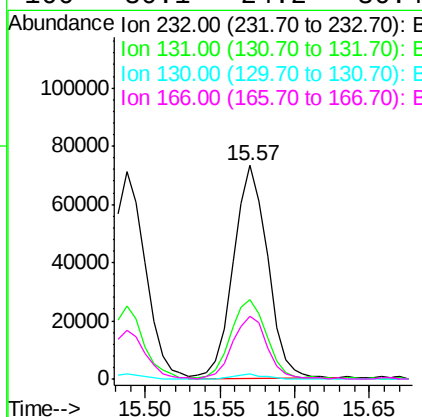
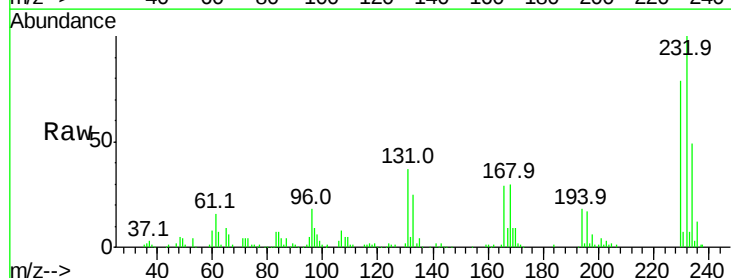
Instrument :
 BNA_G
 ClientSampleId :
 PB102188BS

Tot Ion:166 Resp: 369796
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.6 117.8
 167 12.9 11.6 17.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.831 ng
 RT: 15.57 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BG028675.D
 Acq: 12 Sep 2017 18:32

Tgt Ion:232 Resp: 116540
 Ion Ratio Lower Upper
 232 100
 131 37.9 34.9 52.3
 130 2.1 2.3 3.5#
 166 30.1 24.2 36.4





#59

Diethylphthalate

Concen: 45.852 ng

RT: 15.74 min Scan# 2068

Delta R.T. 0.01 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

Instrument :

BNA_G

ClientSampleId :

PB102188BS

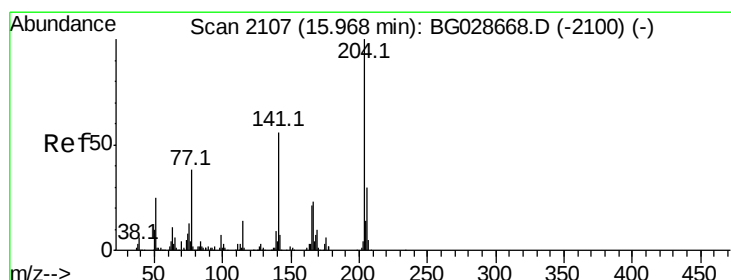
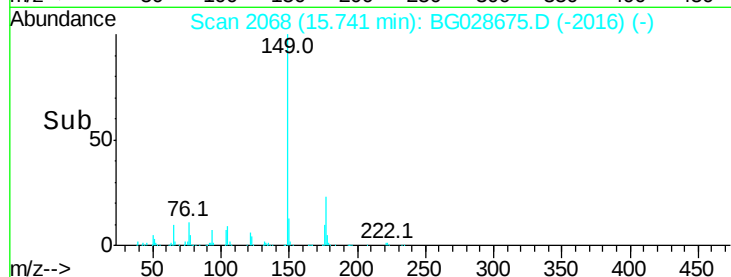
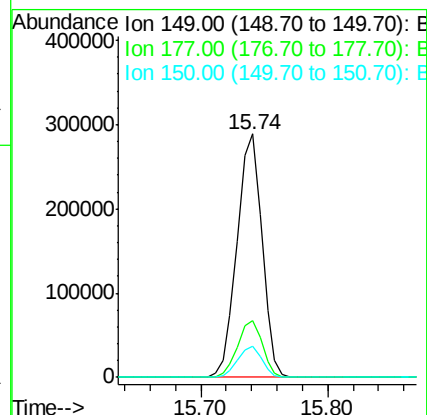
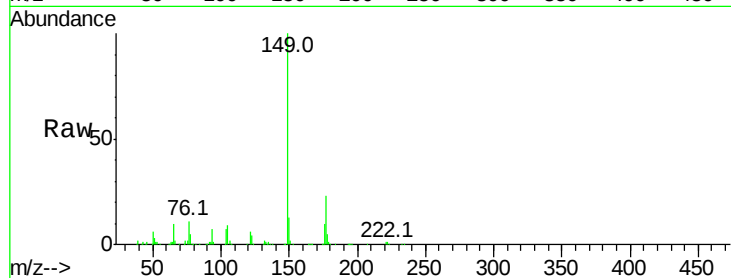
Tot Ion:149 Resp: 391976

Ion Ratio Lower Upper

149 100

177 23.3 20.1 30.1

150 12.8 10.2 15.2



#60

4-Chlorophenyl-phenylether

Concen: 45.659 ng

RT: 15.97 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

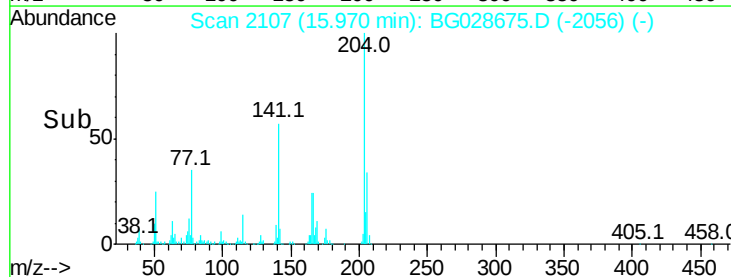
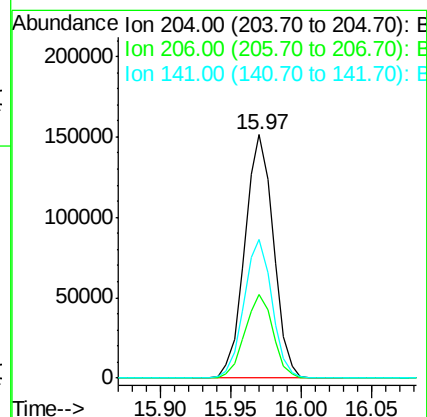
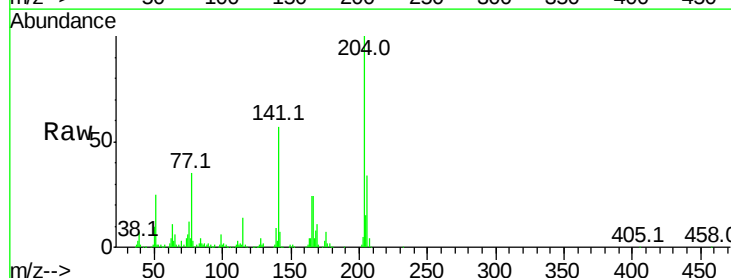
Tgt Ion:204 Resp: 215212

Ion Ratio Lower Upper

204 100

206 34.3 30.1 45.1

141 56.8 50.6 76.0

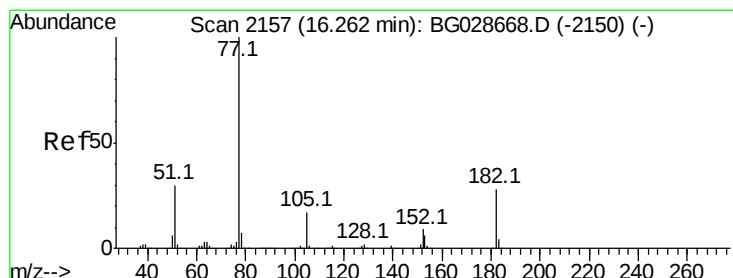
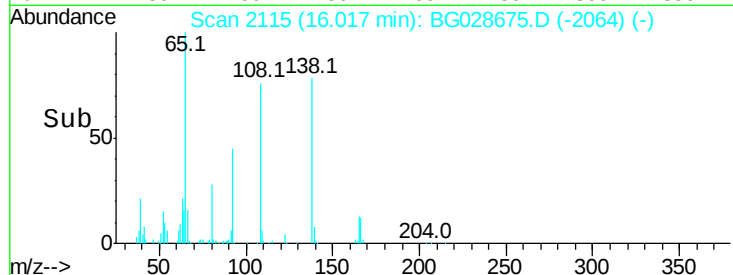
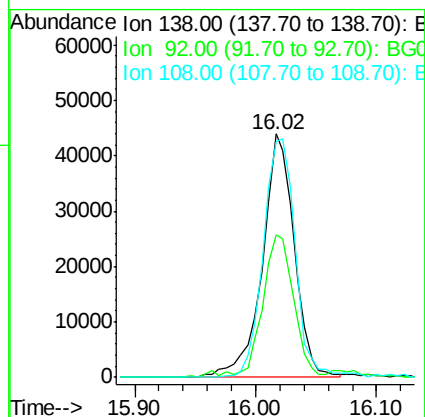
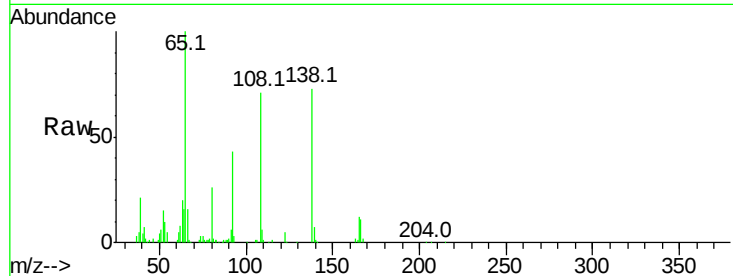




#61
4-Nitroaniline
Concen: 46.183 ng
RT: 16.02 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BG028675.D
Acq: 12 Sep 2017 18:32

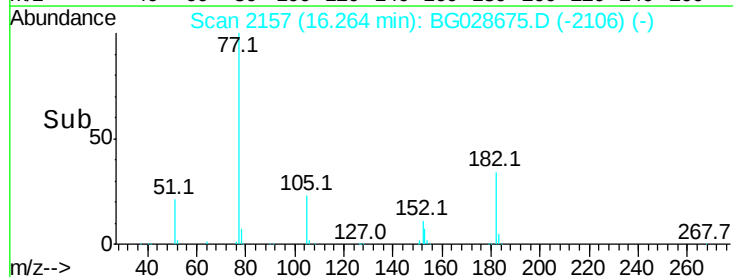
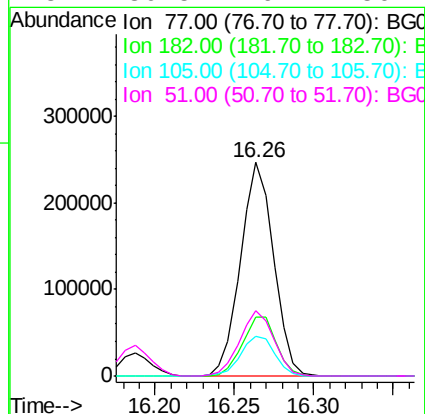
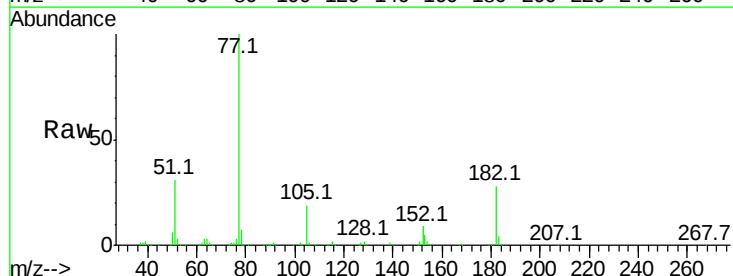
Instrument :
BNA_G
ClientSampleId :
PB102188BS

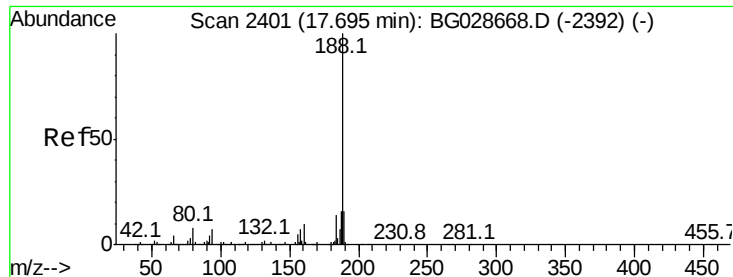
Tot Ion:138 Resp: 80088
Ion Ratio Lower Upper
138 100
92 58.4 44.2 84.2
108 96.9 104.8 144.8#



#62
Azobenzene
Concen: 49.536 ng
RT: 16.26 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG028675.D
Acq: 12 Sep 2017 18:32

Tgt Ion: 77 Resp: 356153
Ion Ratio Lower Upper
77 100
182 27.7 4.7 44.7
105 18.5 0.0 36.3
51 30.5 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.70 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

Instrument :

BNA_G

ClientSampleId :

PB102188BS

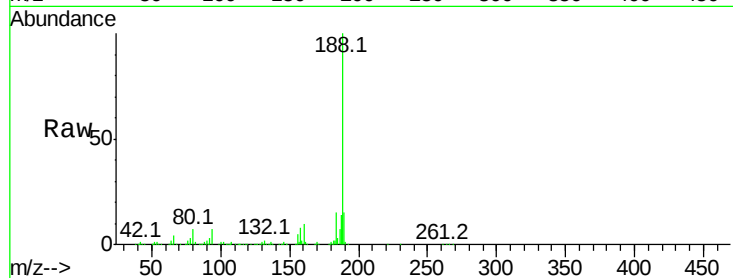
Tot Ion:188 Resp: 265877

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.8

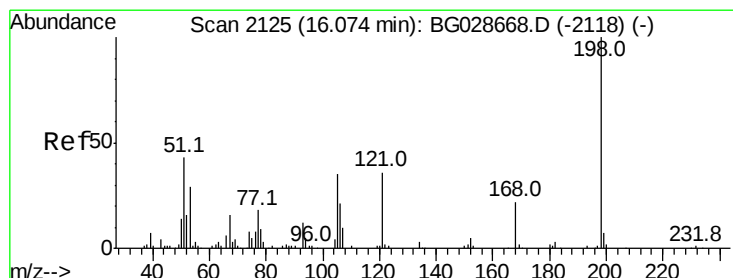
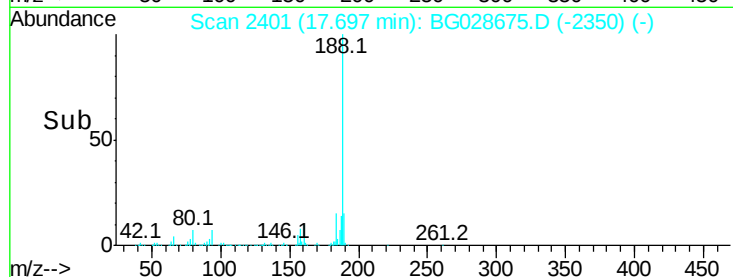
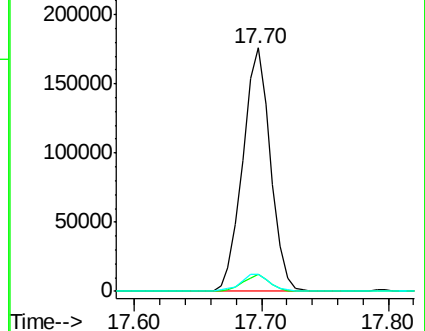
80 7.2 7.5 11.3#



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: 42.163 ng

RT: 16.08 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

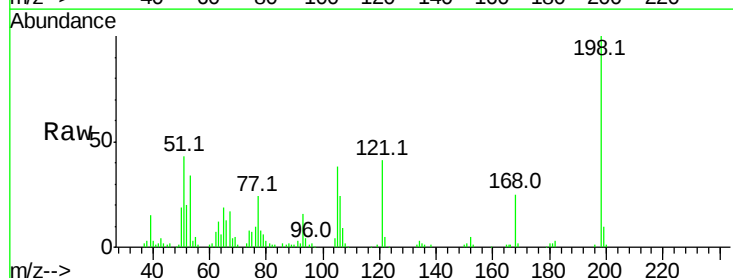
Tgt Ion:198 Resp: 72335

Ion Ratio Lower Upper

198 100

51 43.5 22.6 62.6

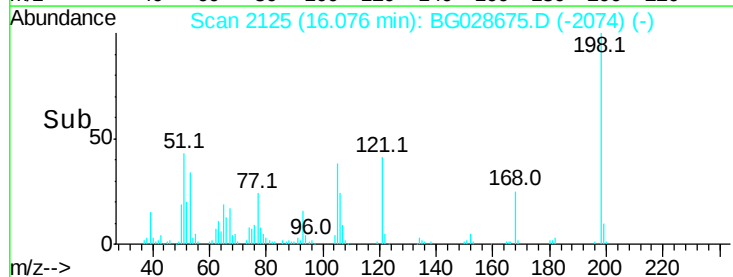
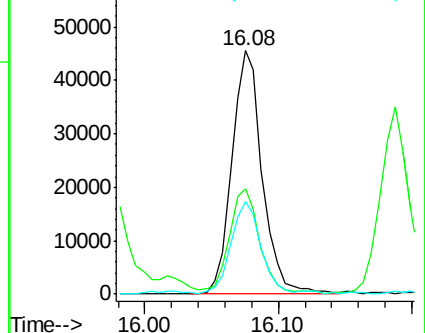
105 38.0 14.4 54.4



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: 43.298 ng

RT: 16.19 min Scan# 2144

Delta R.T. -0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

Instrument :

BNA_G

ClientSampleId :

PB102188BS

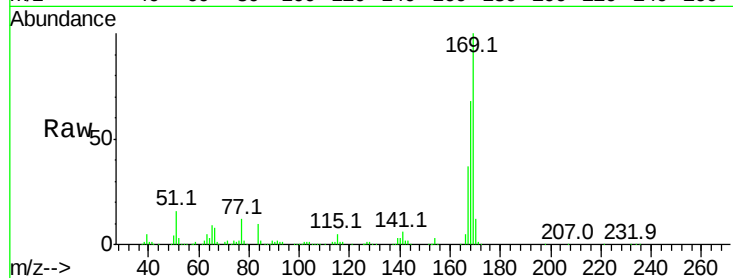
Tot Ion:169 Resp: 330011

Ion Ratio Lower Upper

169 100

168 68.3 55.7 83.5

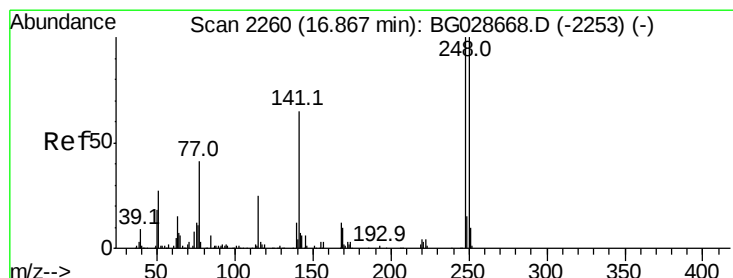
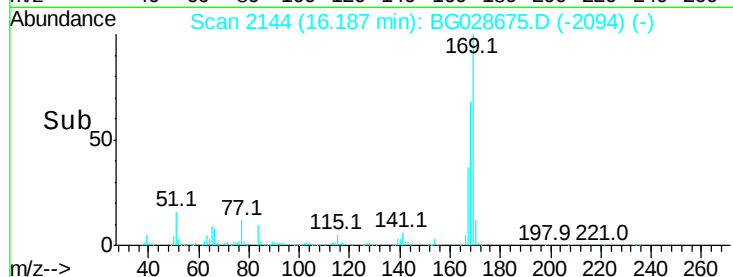
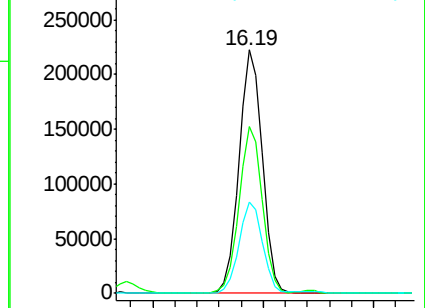
167 37.5 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.466 ng

RT: 16.87 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

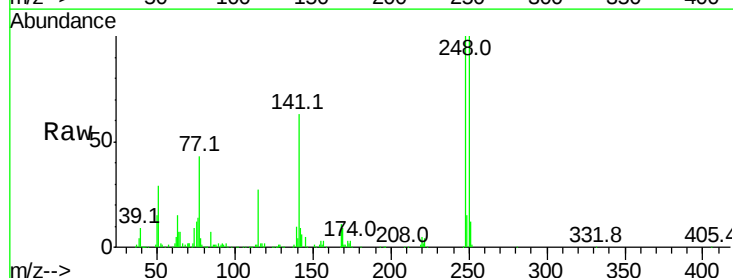
Tgt Ion:248 Resp: 148701

Ion Ratio Lower Upper

248 100

250 100.1 75.0 112.6

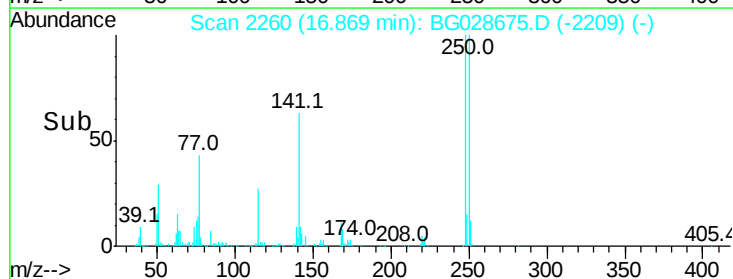
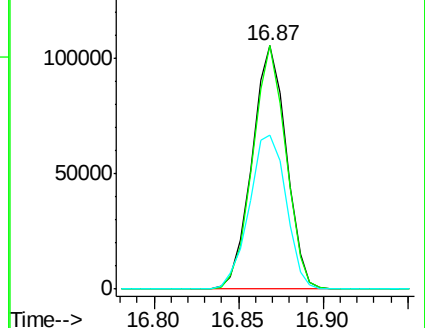
141 63.2 55.2 82.8

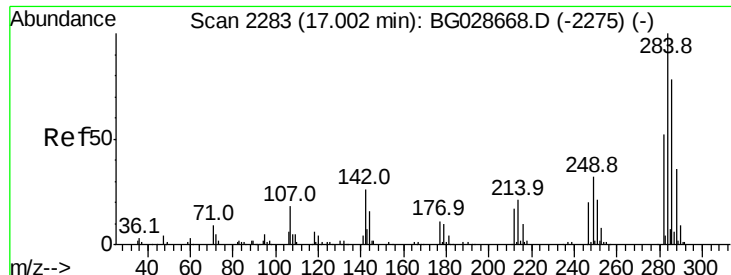


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.263 ng

RT: 17.00 min Scan# 2282

Delta R.T. -0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

Instrument :

BNA_G

ClientSampleId :

PB102188BS

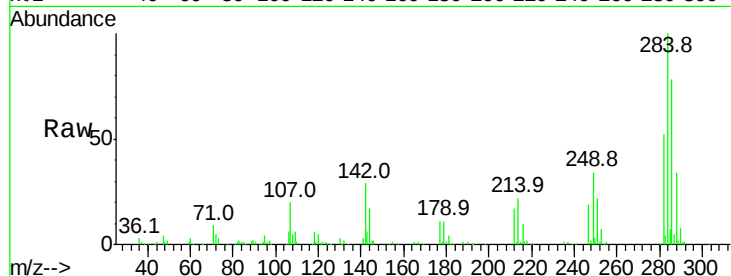
Tot Ion:284 Resp: 156774

Ion Ratio Lower Upper

284 100

142 29.5 29.9 44.9#

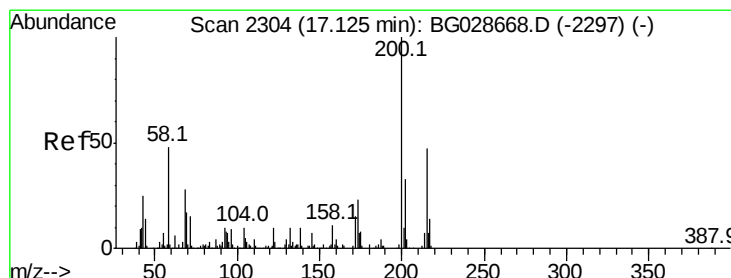
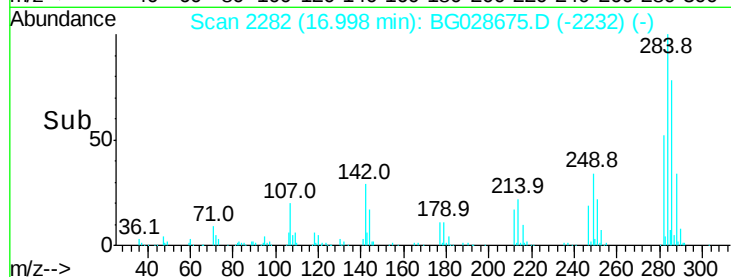
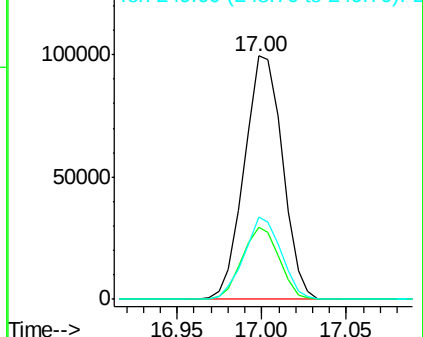
249 33.6 29.2 43.8



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: 43.744 ng

RT: 17.13 min Scan# 2305

Delta R.T. 0.01 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

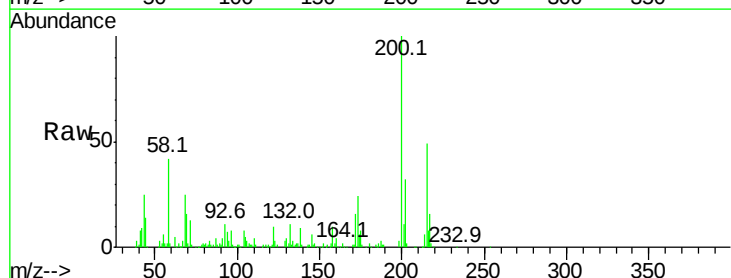
Tgt Ion:200 Resp: 143156

Ion Ratio Lower Upper

200 100

173 24.2 3.0 43.0

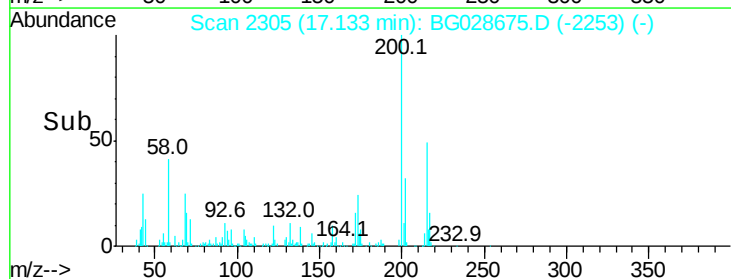
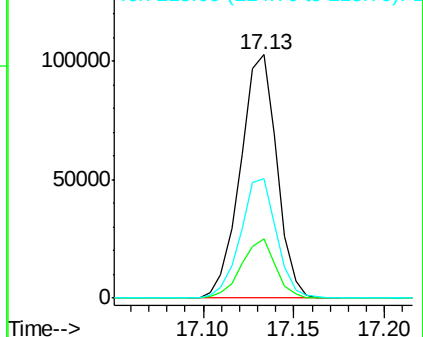
215 49.0 28.4 68.4

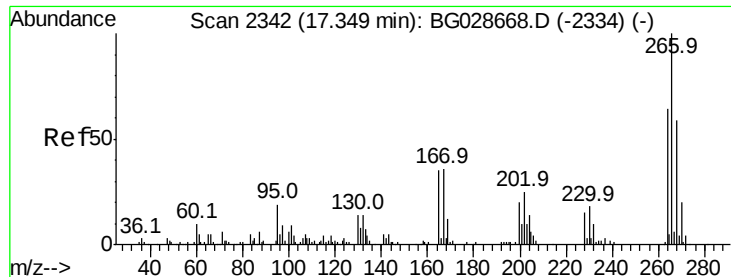


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

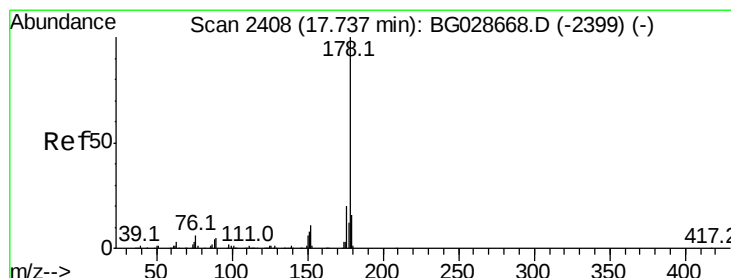
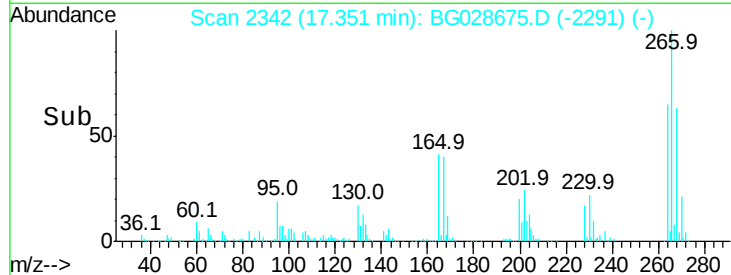
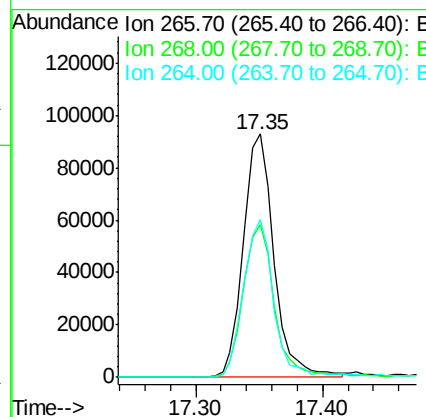
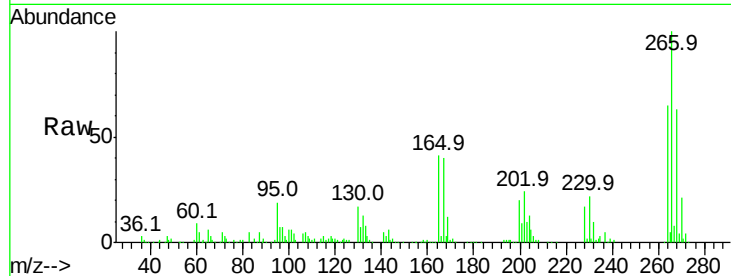




#69
 Pentachlorophenol
 Concen: 88.736 ng
 RT: 17.35 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: BG028675.D
 Acq: 12 Sep 2017 18:32

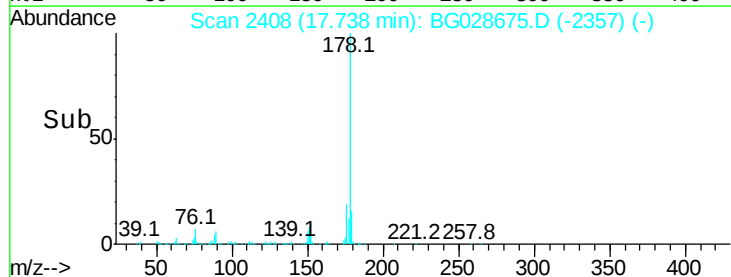
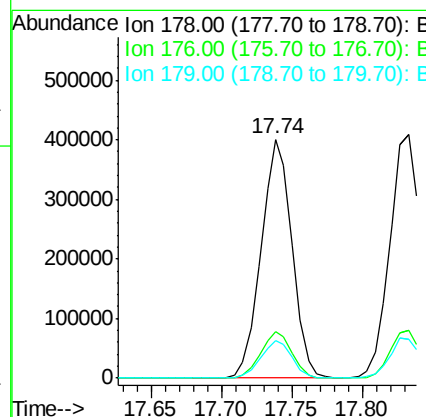
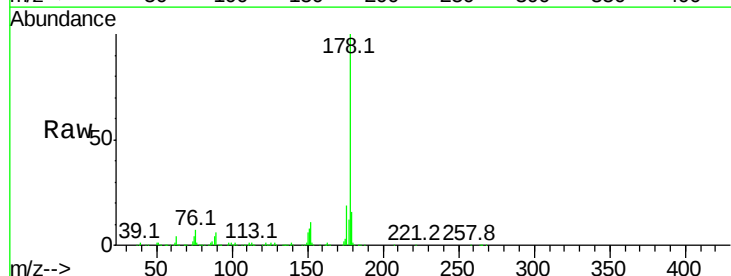
Instrument :
 BNA_G
 ClientSampleId :
 PB102188BS

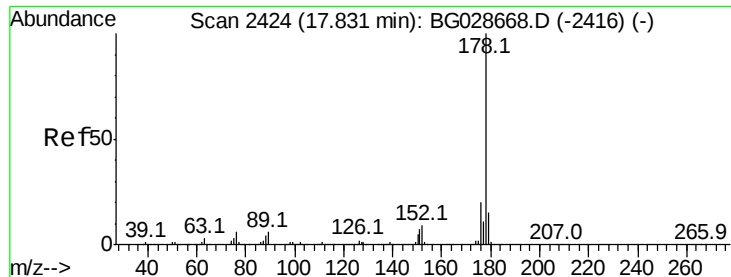
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	48.6	72.8
264	64.9	50.1	75.1



#70
 Phenanthrene
 Concen: 45.164 ng
 RT: 17.74 min Scan# 2408
 Delta R.T. 0.00 min
 Lab File: BG028675.D
 Acq: 12 Sep 2017 18:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	17.7	26.5
179	15.9	15.0	22.6

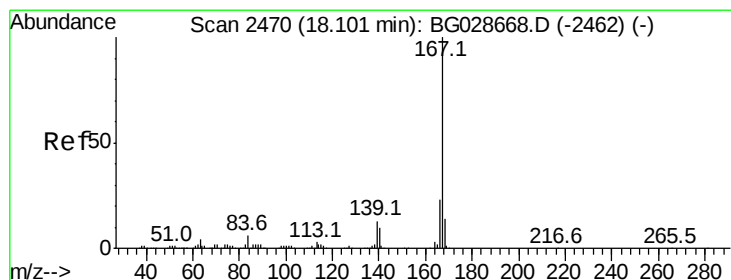
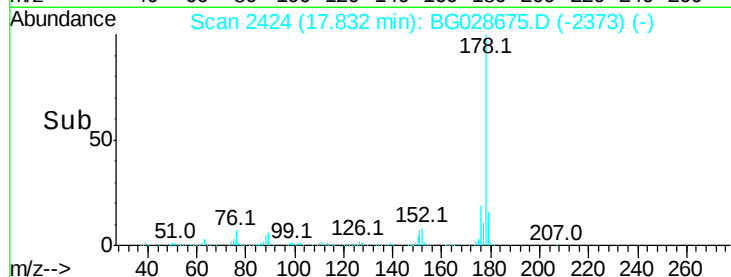
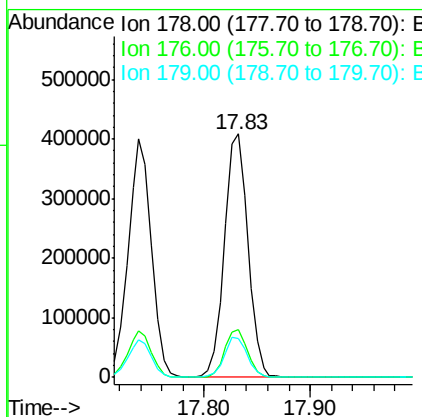
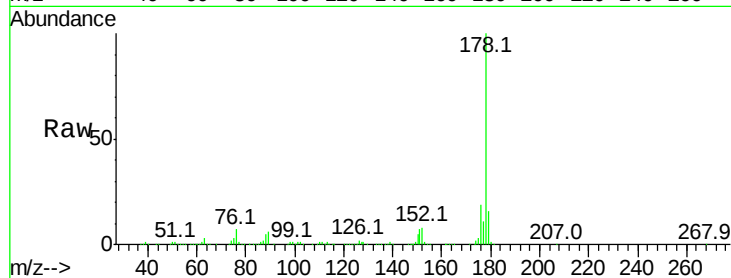




#71
 Anthracene
 Concen: 45.708 ng
 RT: 17.83 min Scan# 2424
 Delta R.T. 0.00 min
 Lab File: BG028675.D
 Acq: 12 Sep 2017 18:32

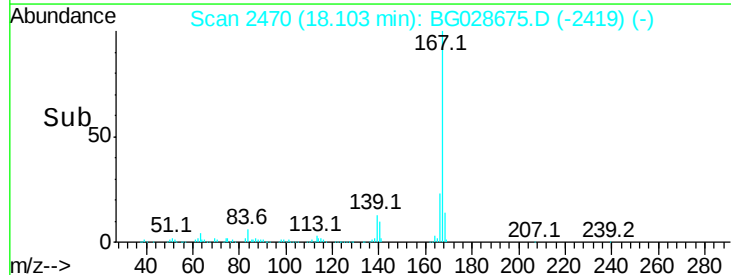
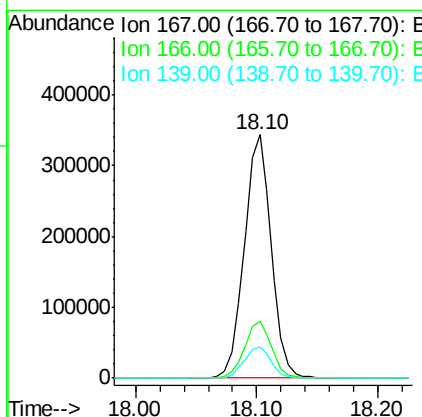
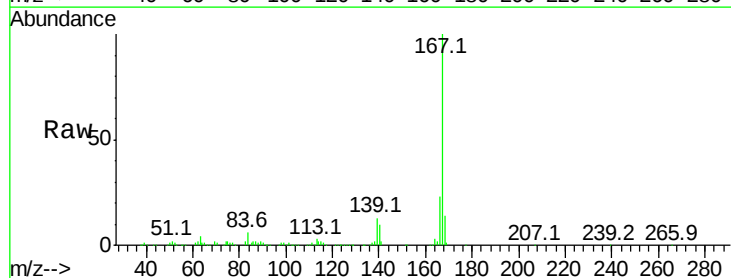
Instrument :
 BNA_G
 ClientSampleId :
 PB102188BS

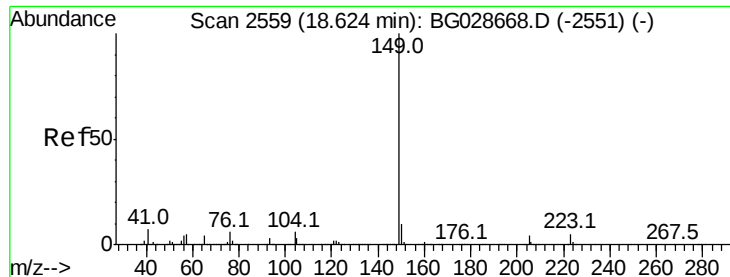
Tot Ion:178 Resp: 627789
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.4 24.6
 179 15.9 13.8 20.8



#72
 Carbazole
 Concen: 43.131 ng
 RT: 18.10 min Scan# 2470
 Delta R.T. 0.00 min
 Lab File: BG028675.D
 Acq: 12 Sep 2017 18:32

Tgt Ion:167 Resp: 533521
 Ion Ratio Lower Upper
 167 100
 166 23.2 20.2 30.2
 139 12.7 12.8 19.2#

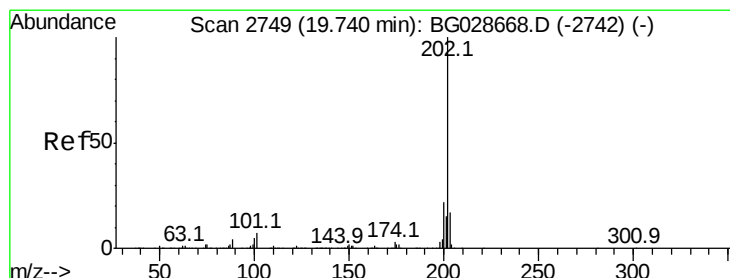
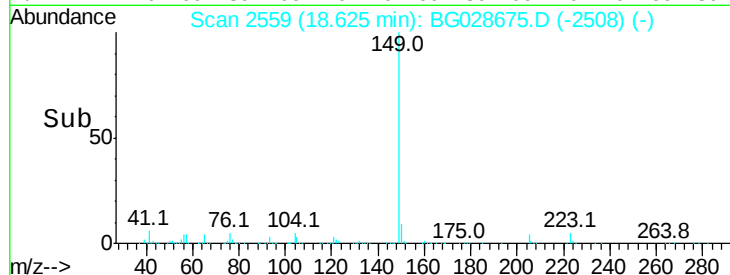
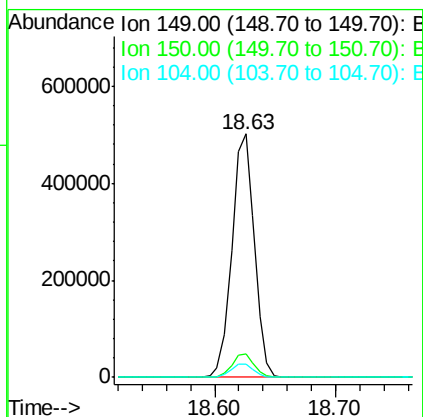
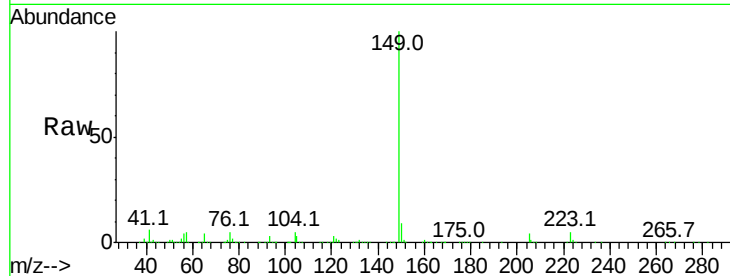




#73
Di-n-butylphthalate
Concen: 42.760 ng
RT: 18.63 min Scan# 2559
Delta R.T. 0.00 min
Lab File: BG028675.D
Acq: 12 Sep 2017 18:32

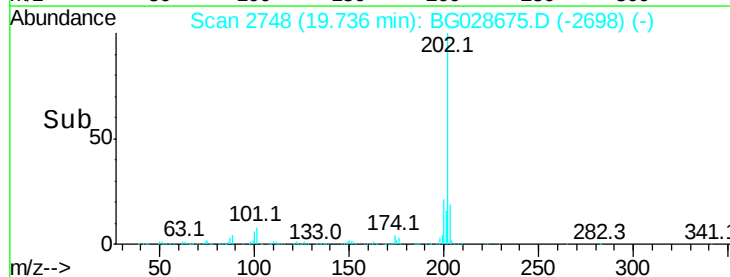
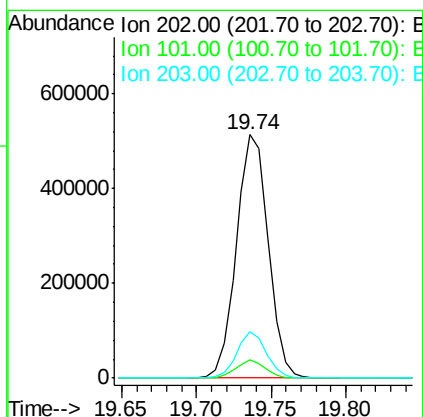
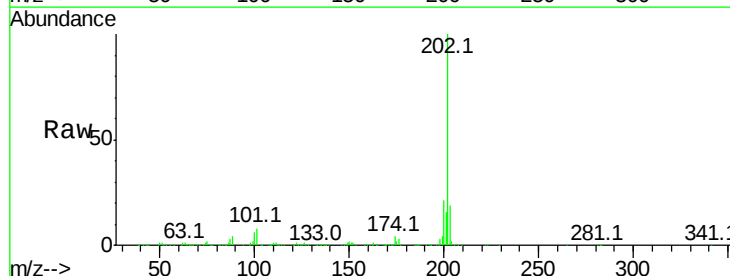
Instrument :
BNA_G
ClientSampleId :
PB102188BS

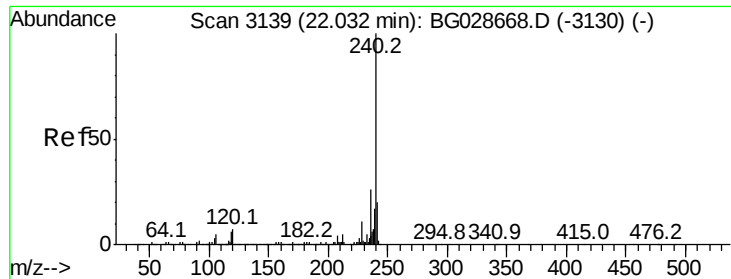
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	9.1	13.7
104	5.5	6.7	10.1



#74
Fluoranthene
Concen: 45.616 ng
RT: 19.74 min Scan# 2748
Delta R.T. -0.00 min
Lab File: BG028675.D
Acq: 12 Sep 2017 18:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	30.1
203	19.0	1.3	41.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3139

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

Instrument :

BNA_G

ClientSampleId :

PB102188BS

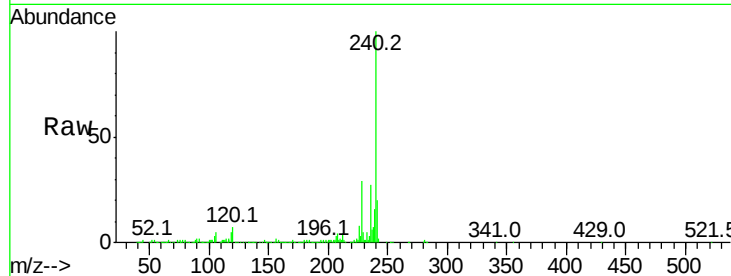
Tot Ion:240 Resp: 300507

Ion Ratio Lower Upper

240 100

120 6.6 5.7 8.5

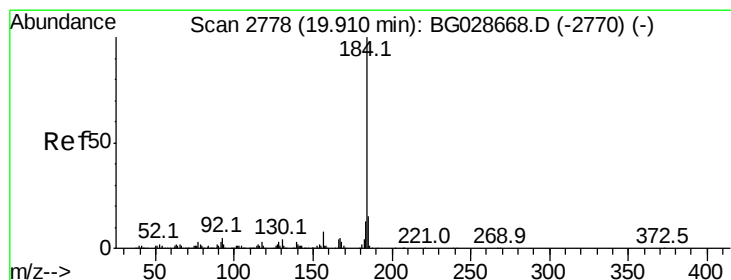
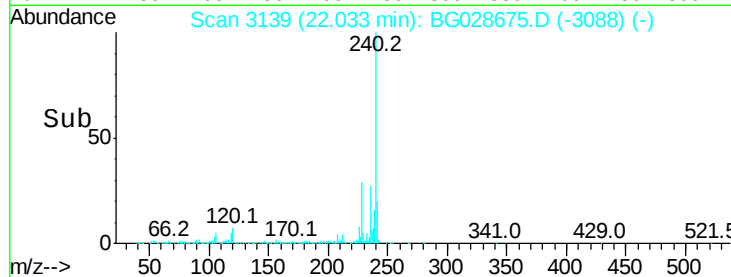
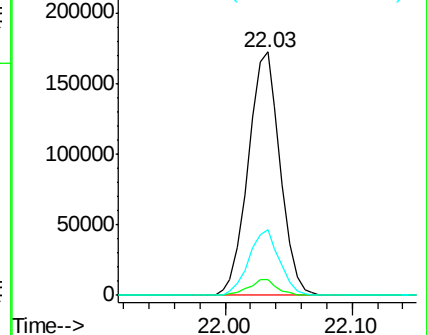
236 27.1 22.2 33.4



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: 39.328 ng

RT: 19.91 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

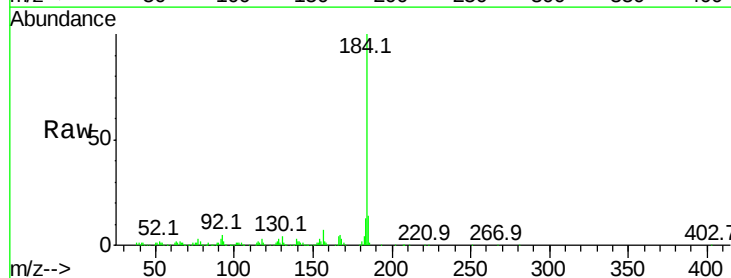
Tgt Ion:184 Resp: 306481

Ion Ratio Lower Upper

184 100

185 14.5 13.0 19.6

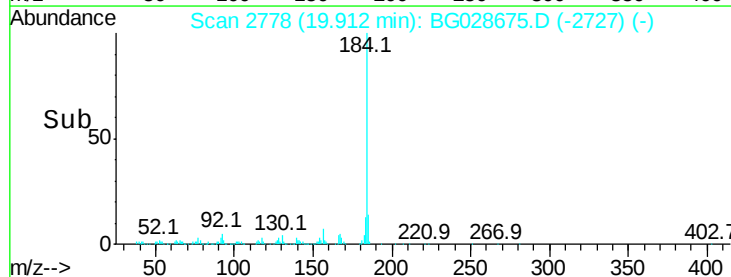
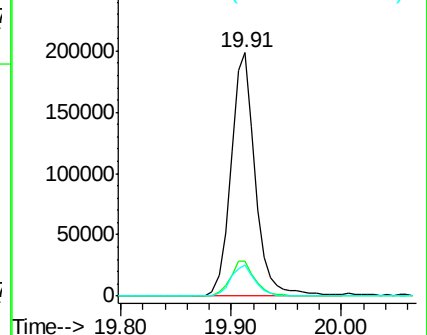
183 13.0 11.0 16.6

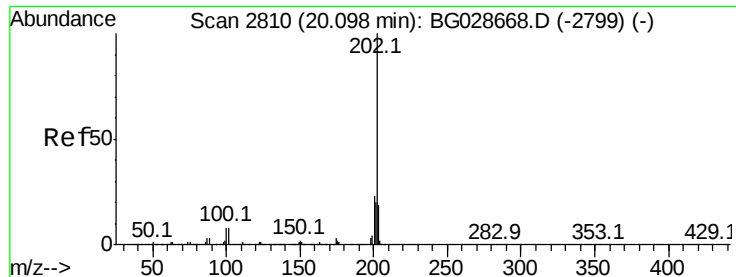


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

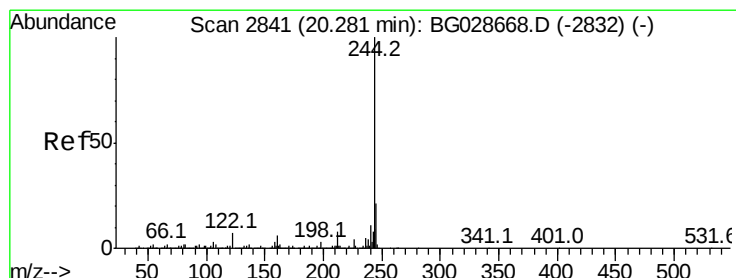
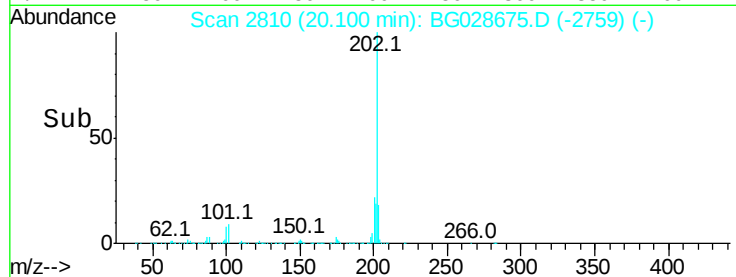
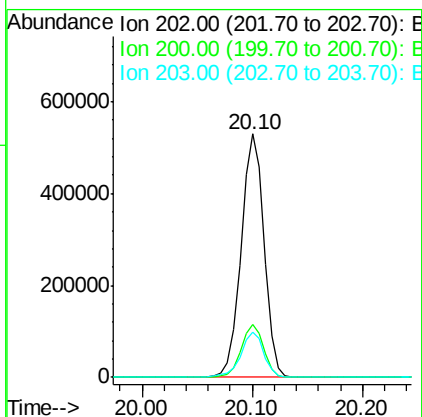
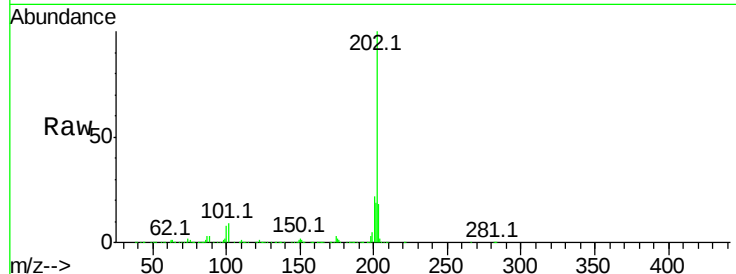




#77
Pvrene
Concen: 44.495 ng
RT: 20.10 min Scan# 2810
Delta R.T. 0.00 min
Lab File: BG028675.D
Acq: 12 Sep 2017 18:32

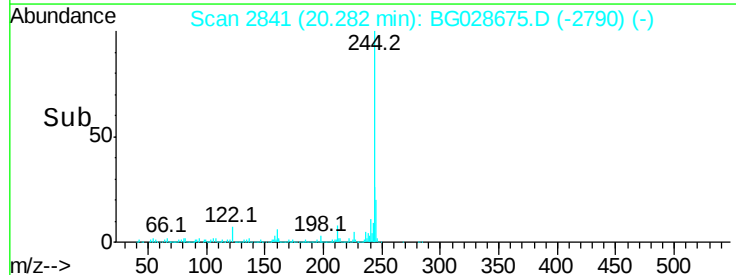
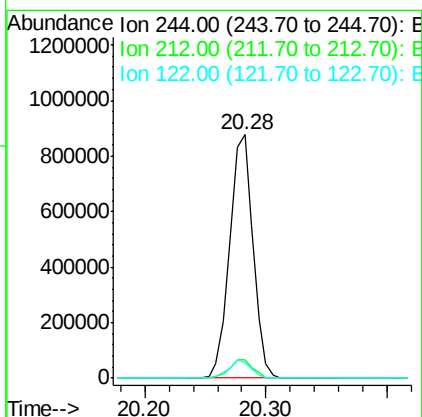
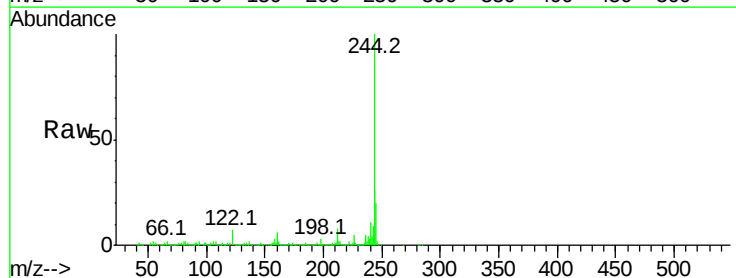
Instrument :
BNA_G
ClientSampleId :
PB102188BS

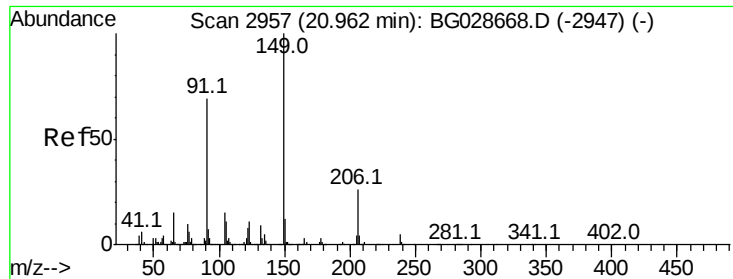
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	19.6	29.4
203	18.4	15.8	23.8



#78
Terphenyl-d14
Concen: 83.810 ng
RT: 20.28 min Scan# 2841
Delta R.T. 0.00 min
Lab File: BG028675.D
Acq: 12 Sep 2017 18:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	10.0	15.0#
122	6.6	8.6	12.8#

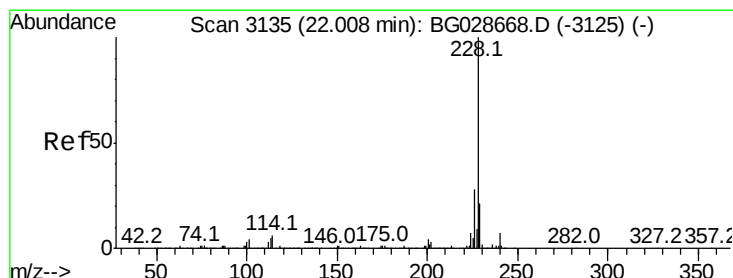
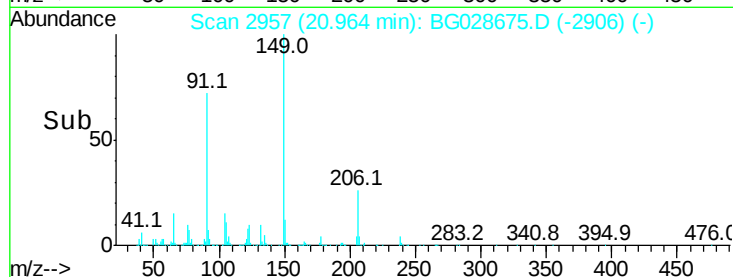
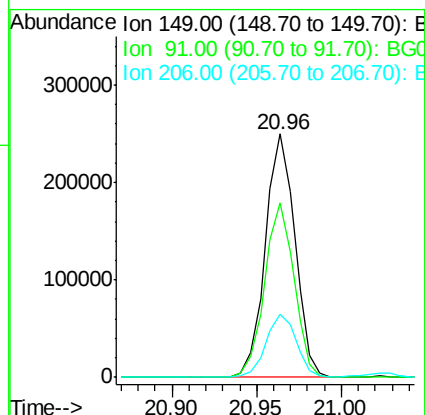
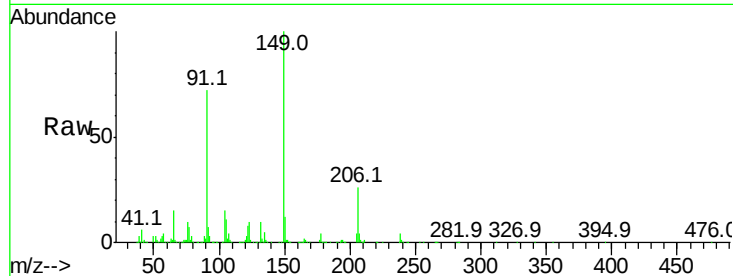




#79
Butylbenzylphthalate
Concen: 43.456 ng
RT: 20.96 min Scan# 2957
Delta R.T. 0.00 min
Lab File: BG028675.D
Acq: 12 Sep 2017 18:32

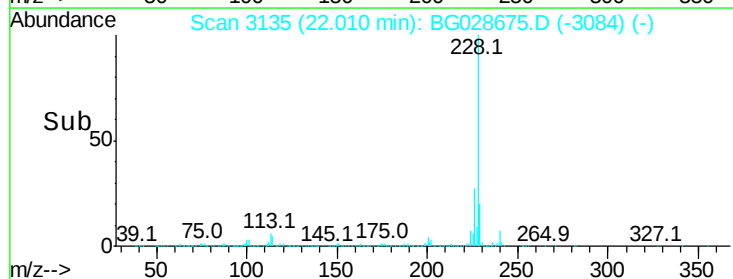
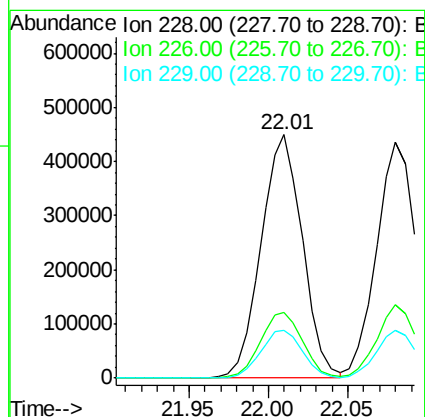
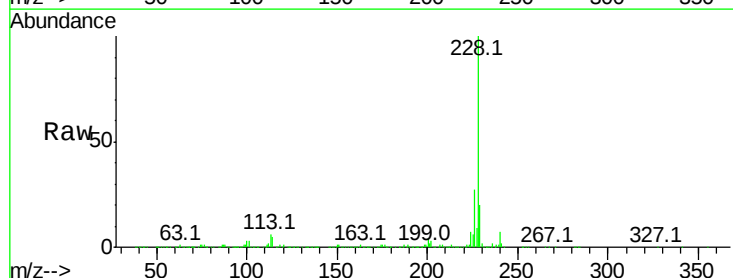
Instrument :
BNA_G
ClientSampleId :
PB102188BS

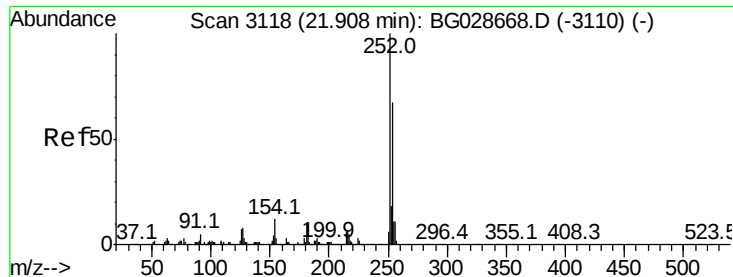
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.8	63.5	95.3
206	26.1	21.0	31.6



#80
Benzo(a)anthracene
Concen: 44.939 ng
RT: 22.01 min Scan# 3135
Delta R.T. 0.00 min
Lab File: BG028675.D
Acq: 12 Sep 2017 18:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	24.9	37.3
229	19.6	18.2	27.2

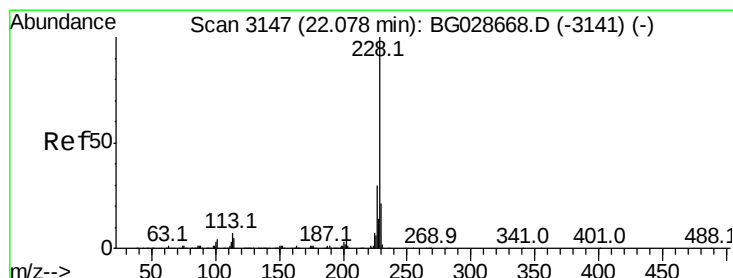
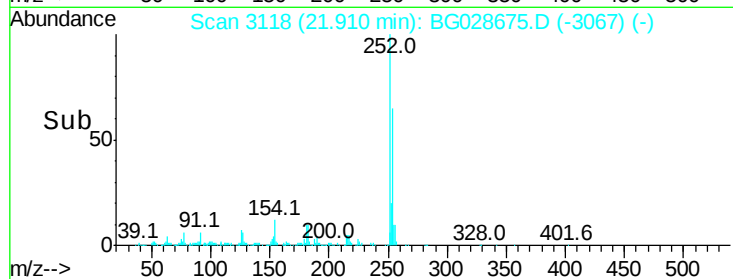
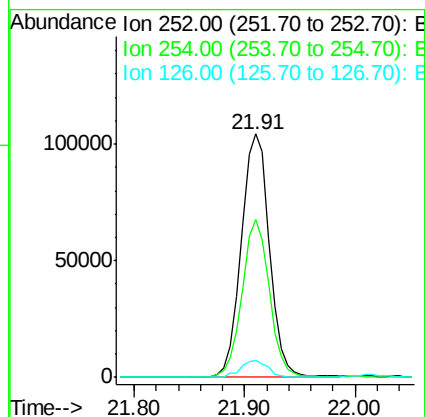
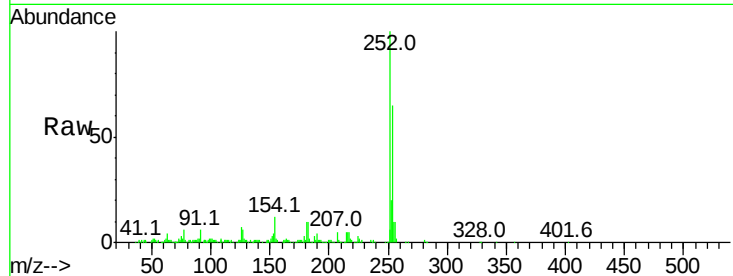




#81
 3,3'-Dichlorobenzidine
 Concen: 25.606 ng
 RT: 21.91 min Scan# 3118
 Delta R.T. 0.00 min
 Lab File: BG028675.D
 Acq: 12 Sep 2017 18:32

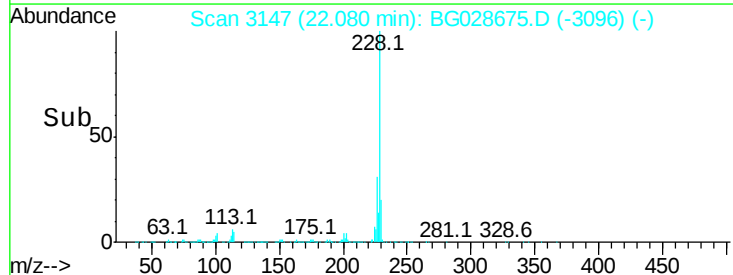
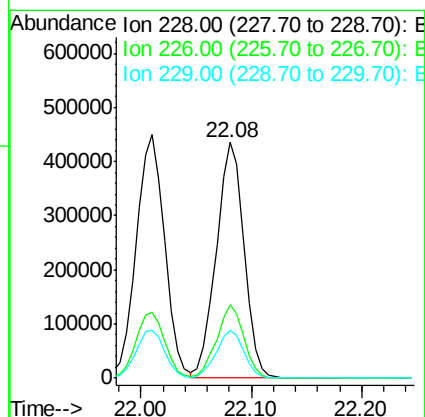
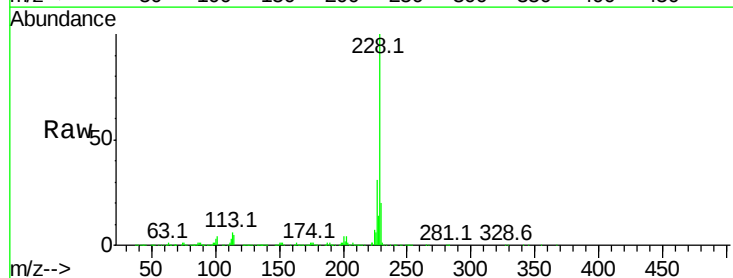
Instrument :
 BNA_G
 ClientSampleId :
 PB102188BS

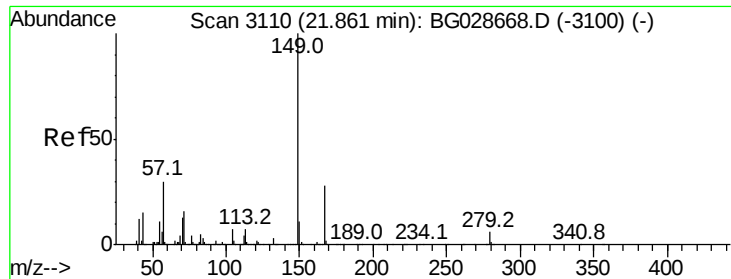
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	53.1	79.7
126	6.9	7.0	10.4



#82
 Chrysene
 Concen: 44.140 ng
 RT: 22.08 min Scan# 3147
 Delta R.T. 0.00 min
 Lab File: BG028675.D
 Acq: 12 Sep 2017 18:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	27.0	40.4
229	20.2	17.8	26.6

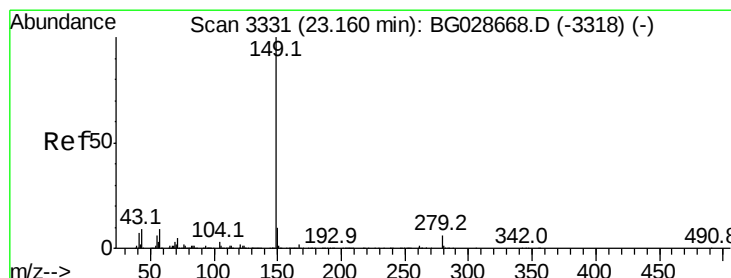
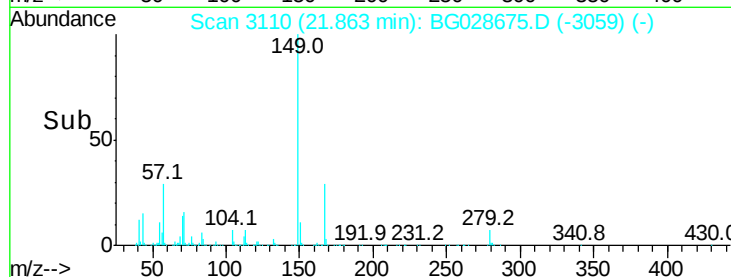
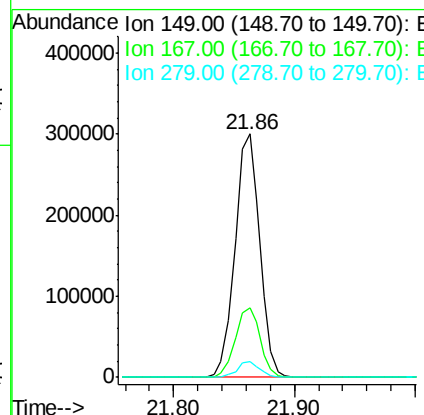
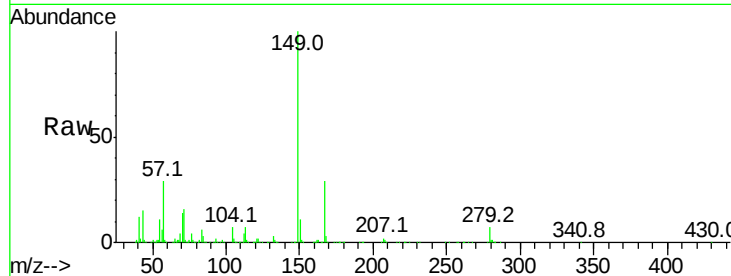




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.869 ng
 RT: 21.86 min Scan# 3110
 Delta R.T. 0.00 min
 Lab File: BG028675.D
 Acq: 12 Sep 2017 18:32

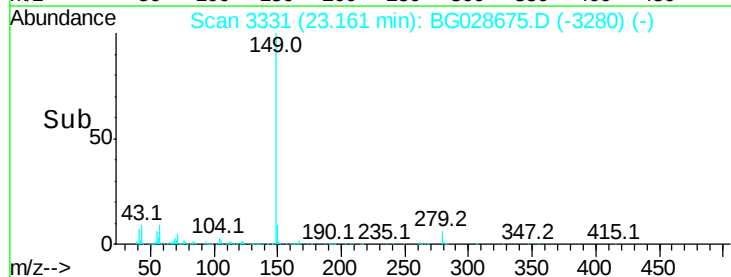
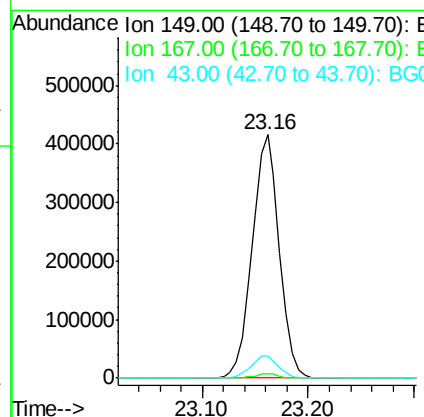
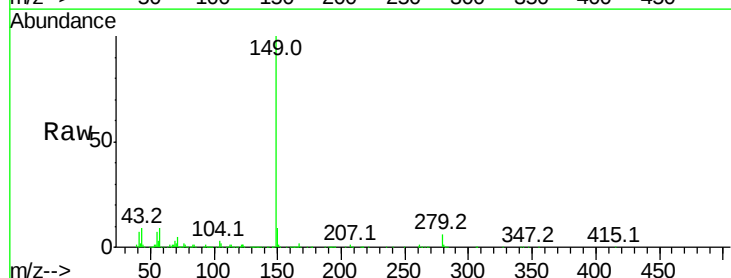
Instrument :
 BNA_G
 ClientSampleId :
 PB102188BS

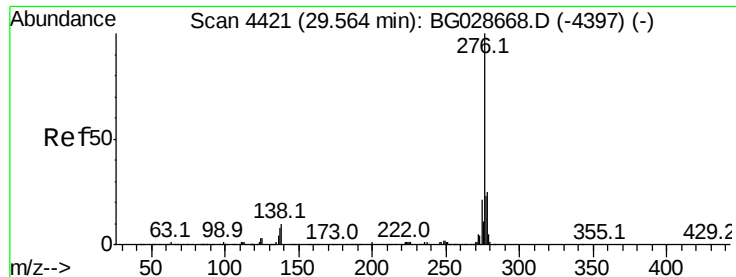
Tot Ion:149 Resp: 426645
 Ion Ratio Lower Upper
 149 100
 167 28.7 23.7 35.5
 279 6.6 4.6 6.8



#84
 Di-n-octyl phthalate
 Concen: 42.289 ng
 RT: 23.16 min Scan# 3331
 Delta R.T. 0.00 min
 Lab File: BG028675.D
 Acq: 12 Sep 2017 18:32

Tgt Ion:149 Resp: 735332
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.2
 43 9.2 11.8 17.6#

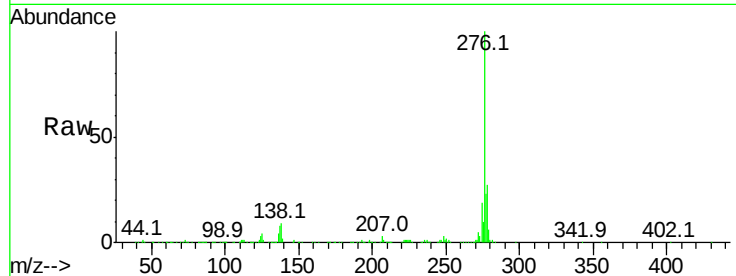




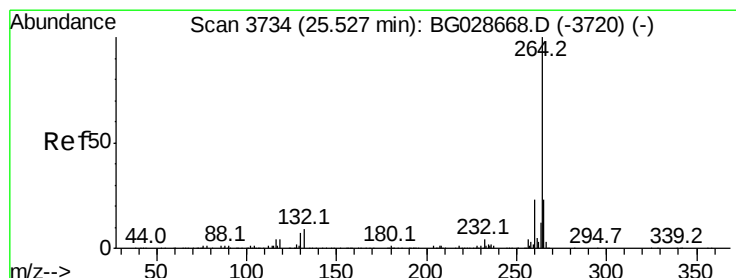
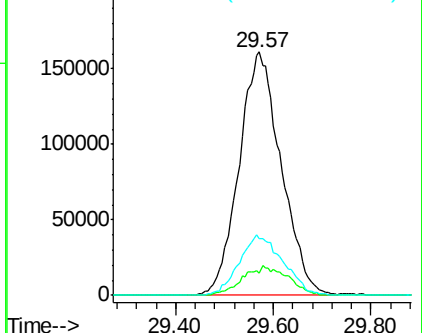
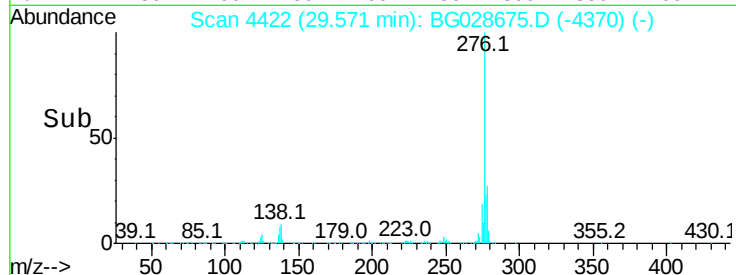
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.799 ng
 RT: 29.57 min Scan# 4422
 Delta R.T. 0.01 min
 Lab File: BG028675.D
 Acq: 12 Sep 2017 18:32

Instrument :
 BNA_G
 ClientSampleId :
 PB102188BS

Tot Ion:276 Resp: 965851
 Ion Ratio Lower Upper
 276 100
 138 12.9 4.7 7.1#
 277 25.8 20.6 31.0

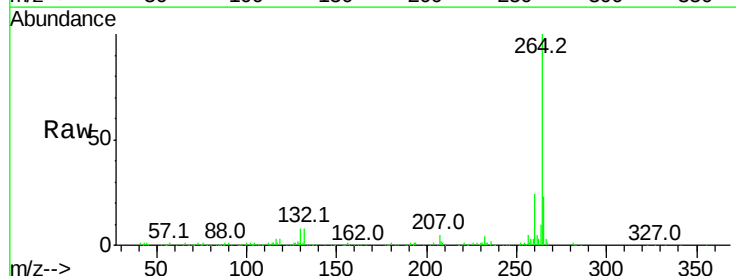


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

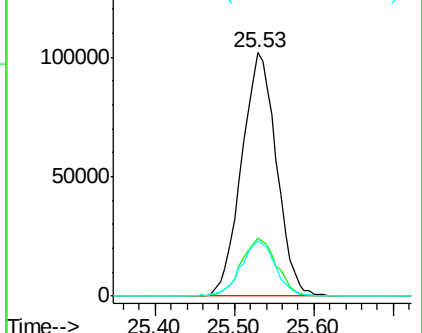
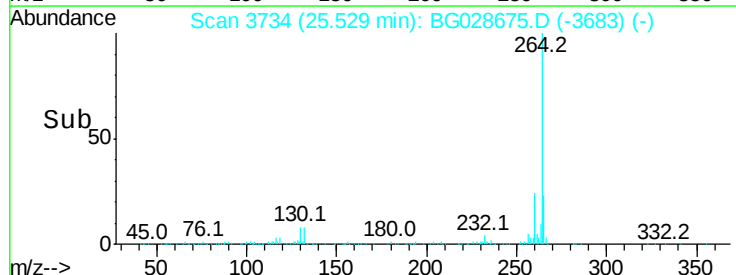


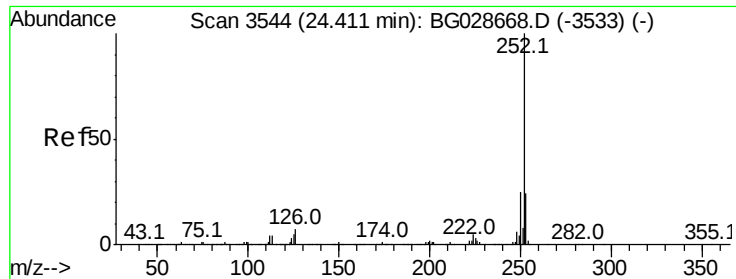
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.53 min Scan# 3734
 Delta R.T. 0.00 min
 Lab File: BG028675.D
 Acq: 12 Sep 2017 18:32

Tgt Ion:264 Resp: 311149
 Ion Ratio Lower Upper
 264 100
 260 23.8 21.8 32.8
 265 22.9 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: 43.971 ng

RT: 24.42 min Scan# 3545

Delta R.T. 0.01 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

Instrument :

BNA_G

ClientSampleId :

PB102188BS

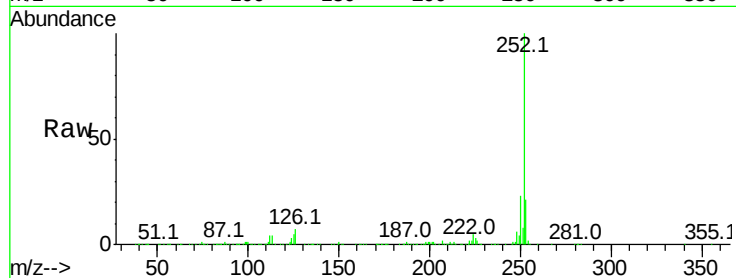
Tot Ion:252 Resp: 819686

Ion Ratio Lower Upper

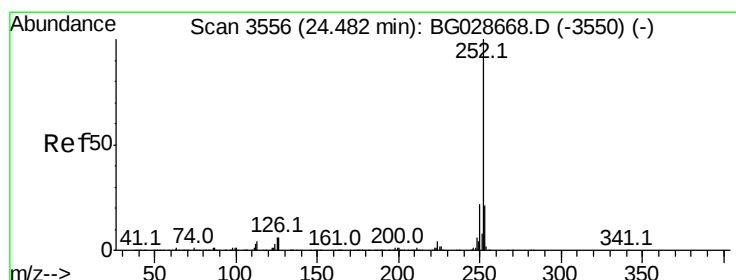
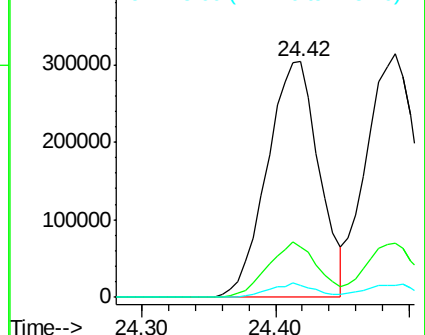
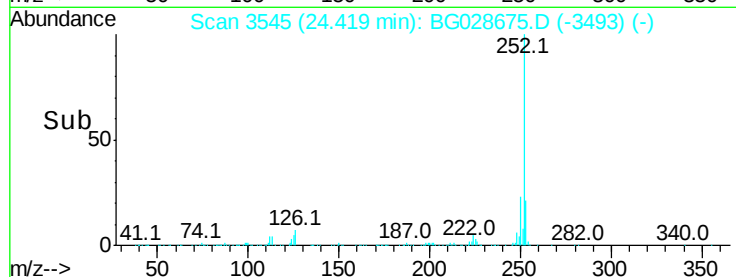
252 100

253 21.3 18.7 28.1

125 5.1 5.3 7.9#



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



#88

Benzo(k)fluoranthene

Concen: 43.712 ng

RT: 24.49 min Scan# 3557

Delta R.T. 0.01 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

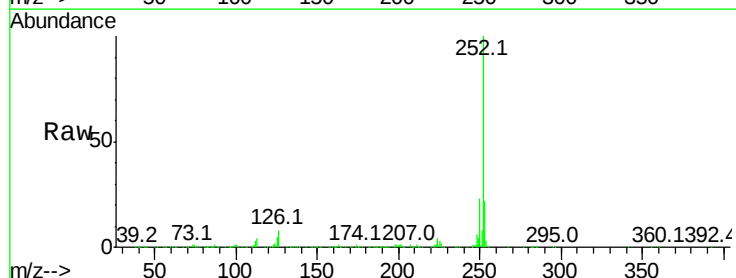
Tgt Ion:252 Resp: 813937

Ion Ratio Lower Upper

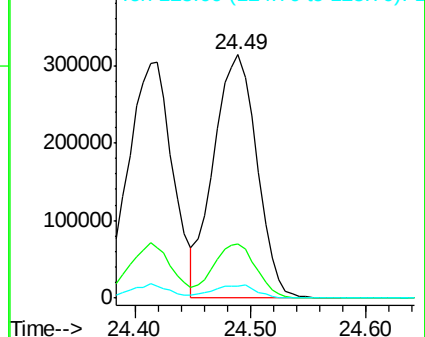
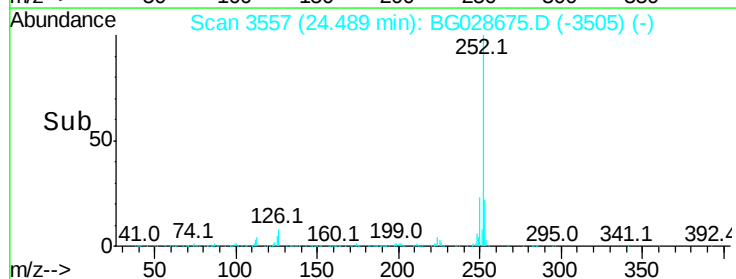
252 100

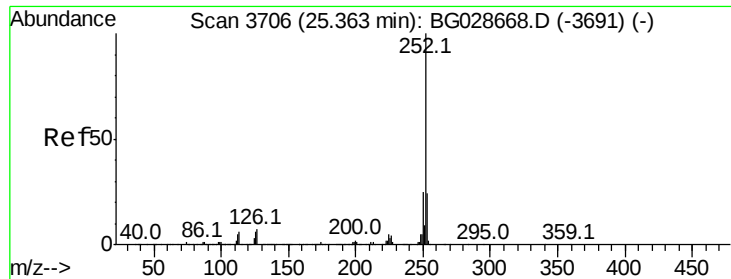
253 22.1 20.2 30.2

125 4.9 5.1 7.7#



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





#89

Benzo(a)pyrene

Concen: 44.627 ng

RT: 25.37 min Scan# 3707

Delta R.T. 0.01 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

Instrument :

BNA_G

ClientSampleId :

PB102188BS

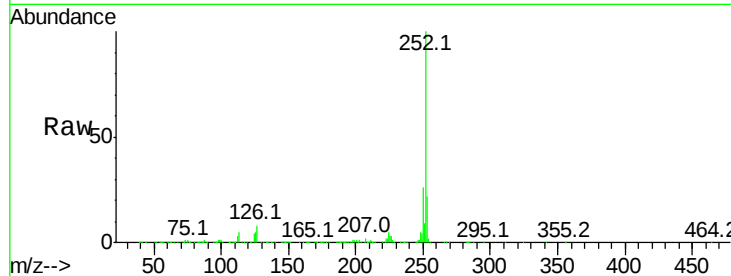
Tot Ion:252 Resp: 789657

Ion Ratio Lower Upper

252 100

253 21.8 19.2 28.8

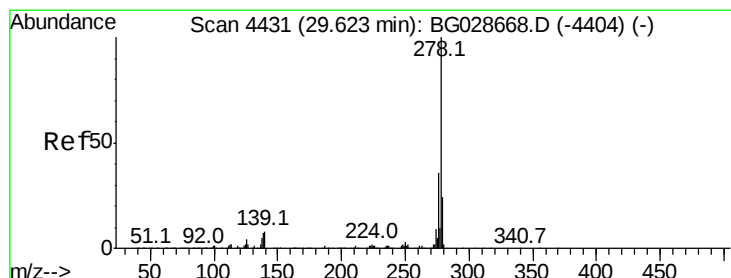
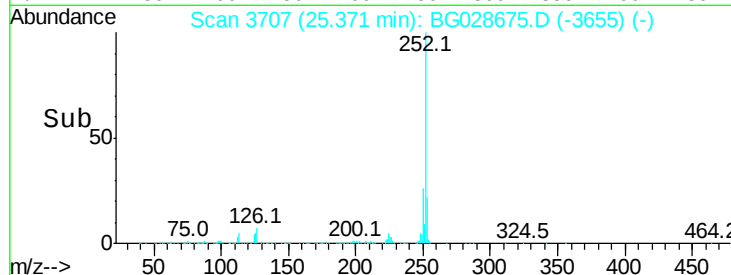
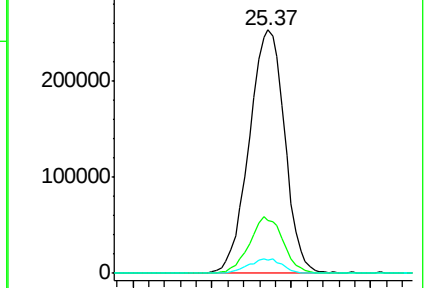
125 5.5 5.4 8.0



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: 44.031 ng

RT: 29.63 min Scan# 4432

Delta R.T. 0.01 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

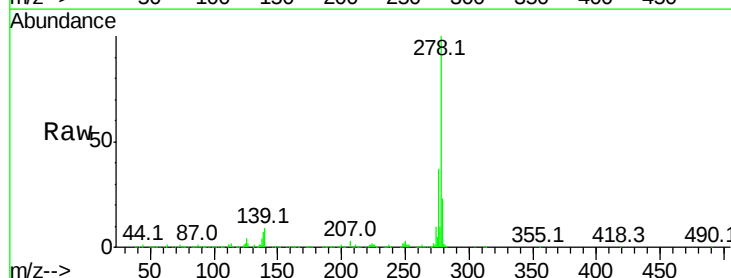
Tgt Ion:278 Resp: 812264

Ion Ratio Lower Upper

278 100

139 8.8 7.7 11.5

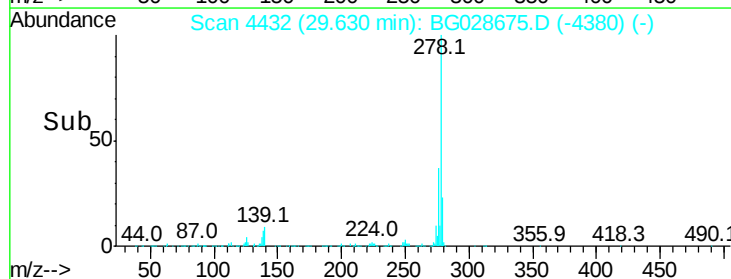
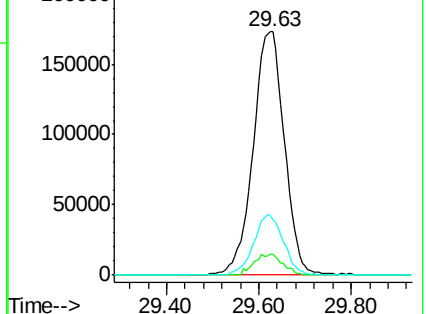
279 23.0 19.1 28.7

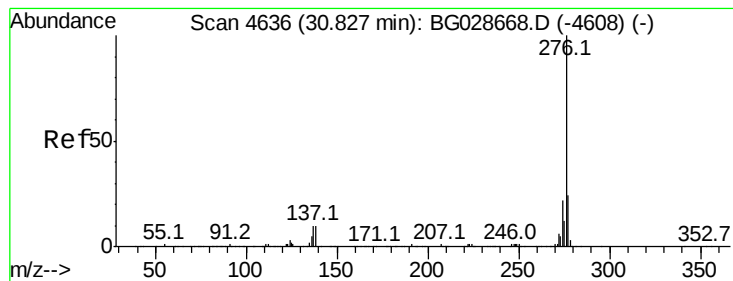


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.796 ng

RT: 30.84 min Scan# 4638

Delta R.T. 0.01 min

Lab File: BG028675.D

Acq: 12 Sep 2017 18:32

Instrument :

BNA_G

ClientSampleId :

PB102188BS

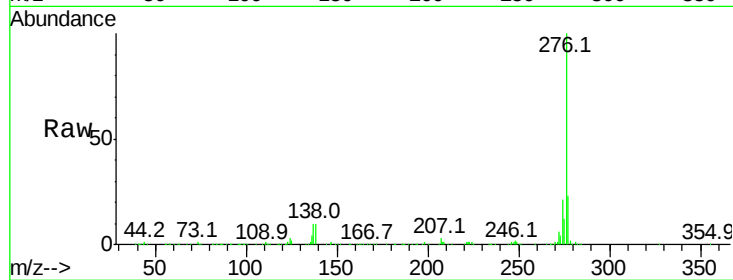
Tot Ion:276 Resp: 788329

Ion Ratio Lower Upper

276 100

277 22.9 18.6 27.8

138 10.2 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

