

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091217\
 Data File : BG028688.D
 Acq On : 13 Sep 2017 3:05
 Operator : SJ/JU
 Sample : I5189-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 04:11:14 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	27870	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	123774	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	98342	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	259861	20.00	ng	0.00
75) Chrysene-d12	22.03	240	298237	20.00	ng	0.00
86) Perylene-d12	25.53	264	297522	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.90	112	132371	78.37	ng	0.00
7) Phenol-d6	7.48	99	121177	47.65	ng	0.00
23) Nitrobenzene-d5	9.50	82	282839	109.31	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	276763	170.16	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	753262	102.14	ng	0.00
78) Terphenyl-d14	20.28	244	1337293	95.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.84	88	10863	15.882	ng	95
3) Pyridine	4.23	79	24326	12.468	ng	90
4) n-Nitrosodimethylamine	4.15	42	17024	19.181	ng	# 69
6) Aniline	7.65	93	75151	25.392	ng	99
8) 2-Chlorophenol	7.90	128	80748	42.885	ng	94
9) Benzaldehyde	7.47	77	70675	44.795	ng	95
10) Phenol	7.51	94	41532	15.475	ng	91
11) bis(2-Chloroethyl)ether	7.74	93	93837	48.699	ng	91
12) 1,3-Dichlorobenzene	8.22	146	89268	44.029	ng	96
13) 1,4-Dichlorobenzene	8.36	146	90897	43.599	ng	98
14) 1,2-Dichlorobenzene	8.69	146	91608	44.476	ng	95
15) Benzyl Alcohol	8.56	79	63905	32.191	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.85	45	172741	49.327	ng	99
17) 2-Methylphenol	8.77	107	62840	35.831	ng	94
18) Hexachloroethane	9.42	117	33999	44.494	ng	92
19) n-Nitroso-di-n-propylamine	9.13	70	91042	50.502	ng	# 87
20) 3+4-Methylphenols	9.09	107	79525	32.419	ng	92
22) Acetophenone	9.16	105	168916	46.674	ng	# 88
24) Nitrobenzene	9.55	77	137980	48.159	ng	92
25) Isophorone	10.06	82	265046	50.626	ng	98
26) 2-Nitrophenol	10.26	139	56744	46.535	ng	95
27) 2,4-Dimethylphenol	10.30	122	92870	41.666	ng	98
28) bis(2-Chloroethoxy)methane	10.53	93	143630	50.520	ng	95
29) 2,4-Dichlorophenol	10.80	162	106254	47.912	ng	94
30) 1,2,4-Trichlorobenzene	11.01	180	115755	45.754	ng	98
31) Naphthalene	11.20	128	316748	48.998	ng	98
32) Benzoic acid	10.42	122	14016	13.818	ng	# 79
33) 4-Chloroaniline	11.31	127	82794	30.573	ng	# 90
34) Hexachlorobutadiene	11.47	225	77836	41.770	ng	95
35) Caprolactam	12.10	113	5906	7.426	ng	# 84
36) 4-Chloro-3-methylphenol	12.41	107	132735	45.990	ng	99
37) 2-Methylnaphthalene	12.78	142	261525	54.186	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	168409	41.649	ng	97
40) Hexachlorocyclopentadiene	13.12	237	146350	91.916	ng	96

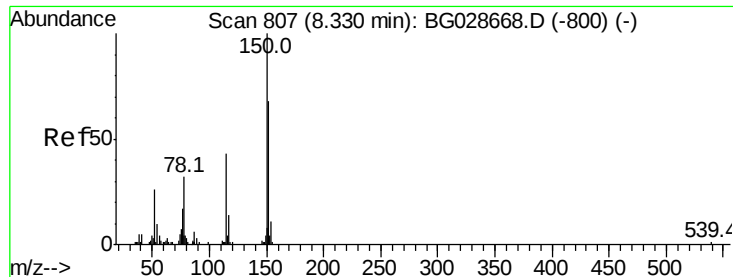
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091217\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.38	196	117969	45.967	nq	93
43) 2,4,5-Trichlorophenol	13.46	196	124659	48.340	nq	# 87
45) 1,1'-Biphenyl	13.78	154	366116	44.964	nq	94
46) 2-Chloronaphthalene	13.83	162	284302	47.871	nq	98
47) 2-Nitroaniline	14.03	65	116717	52.881	nq	95
48) Acenaphthylene	14.67	152	459733	48.454	nq	95
49) Dimethylphthalate	14.39	163	421742	51.142	nq	99
50) 2,6-Dinitrotoluene	14.52	165	97905	53.356	nq	# 82
51) Acenaphthene	15.01	154	283867	49.251	nq	95
52) 3-Nitroaniline	14.86	138	57066	35.168	nq	91
53) 2,4-Dinitrophenol	15.07	184	86234	88.269	nq	97
54) Dibenzofuran	15.34	168	502848	54.708	nq	92
55) 4-Nitrophenol	15.17	139	42711	35.926	nq	# 79
56) 2,4-Dinitrotoluene	15.31	165	139535	54.082	nq	# 85
57) Fluorene	15.99	166	428008	52.159	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.57	232	130965	57.623	nq	# 92
59) Diethylphthalate	15.74	149	445195	52.533	nq	100
60) 4-Chlorophenyl-phenylether	15.97	204	240351	51.439	nq	91
61) 4-Nitroaniline	16.02	138	85825	49.925	nq	89
62) Azobenzene	16.27	77	404596	56.767	nq	90
64) 4,6-Dinitro-2-methylphenol	16.08	198	76253	45.476	nq	99
65) n-Nitrosodiphenylamine	16.19	169	365485	49.063	nq	98
66) 4-Bromophenyl-phenylether	16.87	248	172325	51.537	nq	98
67) Hexachlorobenzene	17.00	284	180017	47.303	nq	# 87
68) Atrazine	17.13	200	158733	49.627	nq	98
69) Pentachlorophenol	17.35	266	164102	95.438	nq	96
70) Phenanthrene	17.74	178	696647	52.424	nq	94
71) Anthracene	17.83	178	704261	52.463	nq	98
72) Carbazole	18.10	167	616224	50.970	nq	# 93
73) Di-n-butylphthalate	18.62	149	746882	50.382	nq	# 94
74) Fluoranthene	19.74	202	859256	52.956	nq	92
76) Benzidine	19.91	184	195295	25.252	nq	95
77) Pyrene	20.10	202	882295	51.289	nq	94
79) Butylbenzylphthalate	20.96	149	349561	50.315	nq	92
80) Benzo(a)anthracene	22.01	228	919594	51.226	nq	95
81) 3,3'-Dichlorobenzidine	21.91	252	294702	40.490	nq	98
82) Chrysene	22.08	228	864268	50.740	nq	95
83) Bis(2-ethylhexyl)phthalate	21.86	149	486379	49.243	nq	99
84) Di-n-octyl phthalate	23.16	149	845128	48.973	nq	# 88
85) Indeno(1,2,3-cd)pyrene	29.57	276	1107596	50.609	nq	# 96
87) Benzo(b)fluoranthene	24.41	252	931054	52.232	nq	98
88) Benzo(k)fluoranthene	24.49	252	931670	52.326	nq	95
89) Benzo(a)pyrene	25.37	252	900038	53.195	nq	96
90) Dibenzo(a,h)anthracene	29.62	278	937931	53.172	nq	99
91) Benzo(g,h,i)perylene	30.84	276	907267	52.713	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 807

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

Instrument :

BNA_G

ClientSampleId :

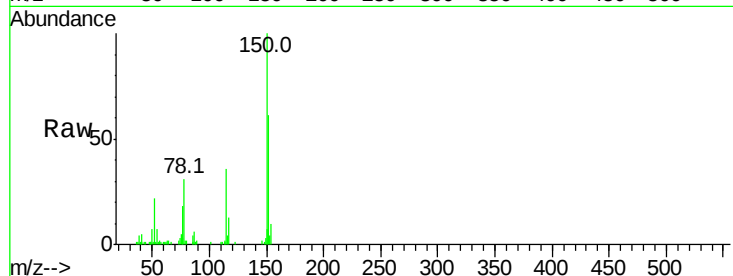
Tot Ion:152 Resp: 27870

Ion Ratio Lower Upper

152 100

150 163.5 114.0 171.0

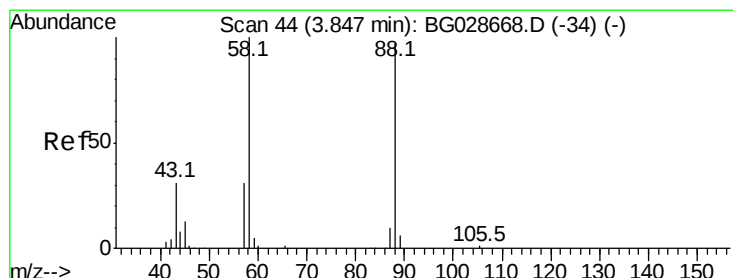
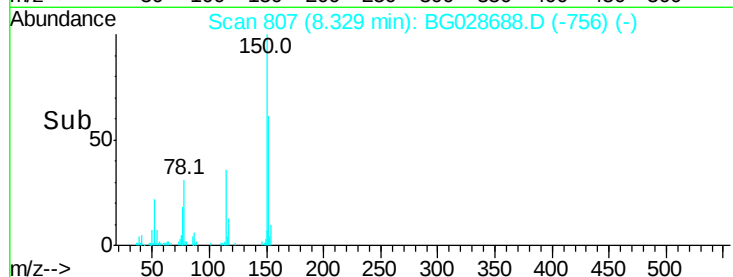
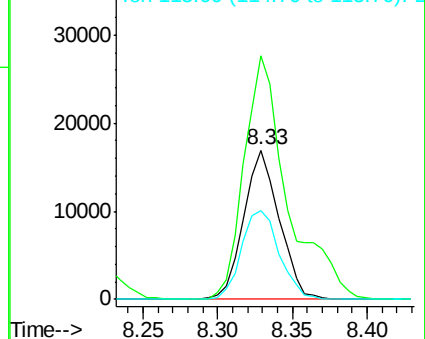
115 59.2 48.1 72.1



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: 15.882 ng

RT: 3.84 min Scan# 43

Delta R.T. -0.01 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

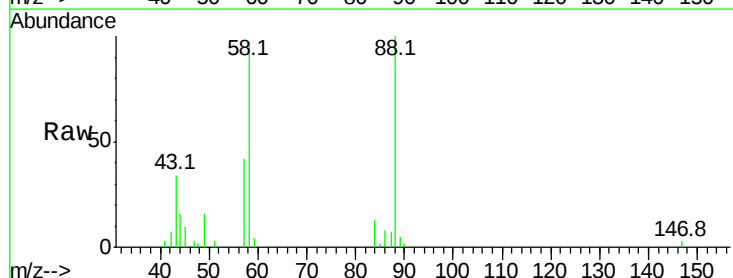
Tgt Ion: 88 Resp: 10863

Ion Ratio Lower Upper

88 100

58 101.9 79.4 119.2

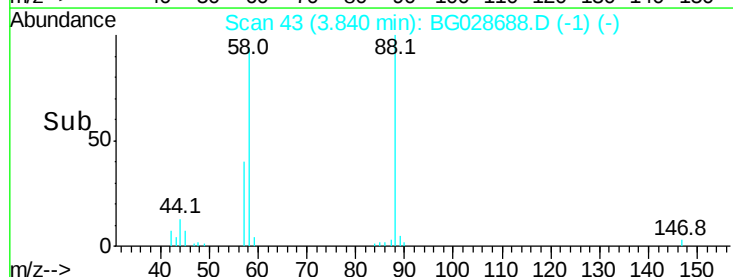
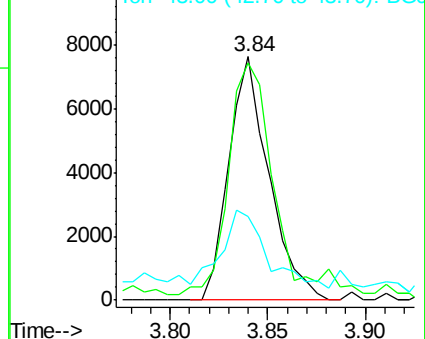
43 35.8 33.8 50.6

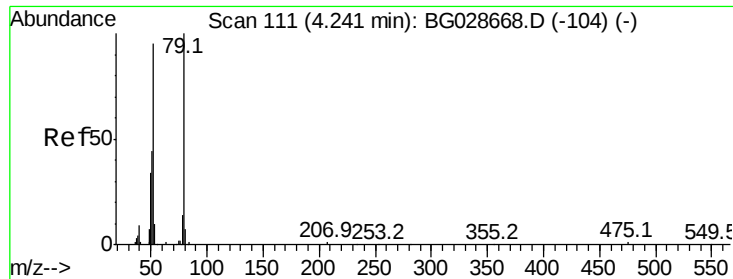


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 12.468 ng

RT: 4.23 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG028668.D

Acq: 13 Sep 2017 3:05

Instrument :

BNA_G

ClientSampleId :

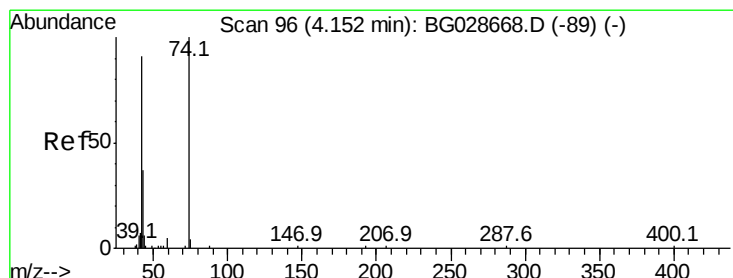
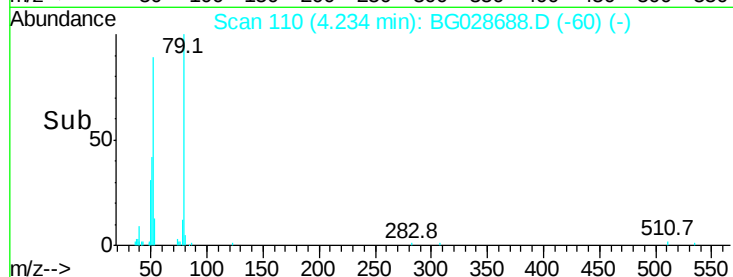
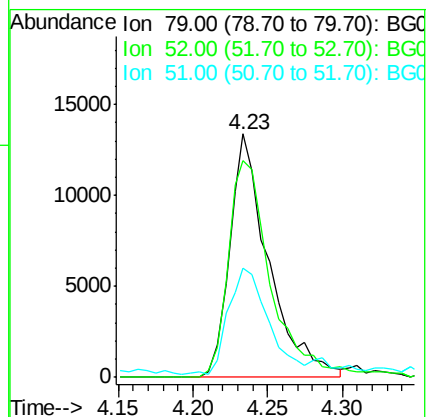
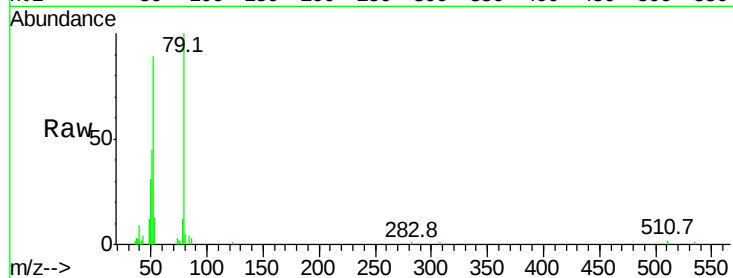
Tot Ion: 79 Resp: 24326

Ion Ratio Lower Upper

79 100

52 88.9 77.8 116.6

51 45.1 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 19.181 ng

RT: 4.15 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG028668.D

Acq: 13 Sep 2017 3:05

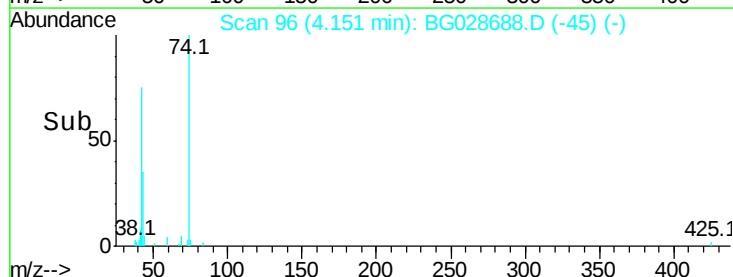
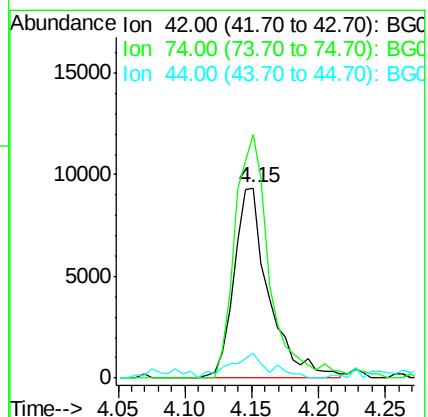
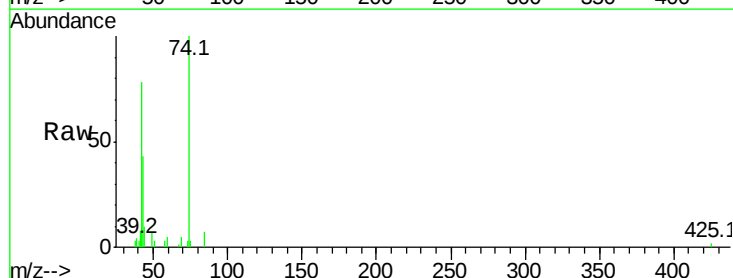
Tgt Ion: 42 Resp: 17024

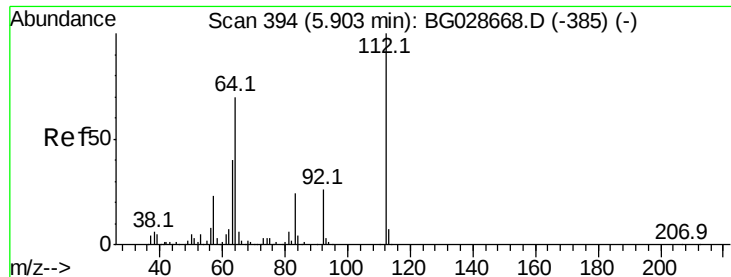
Ion Ratio Lower Upper

42 100

74 127.9 76.7 115.1#

44 12.9 6.1 9.1#





#5

2-Fluorophenol

Concen: 78.371 ng

RT: 5.90 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

Instrument :

BNA_G

ClientSampleId :

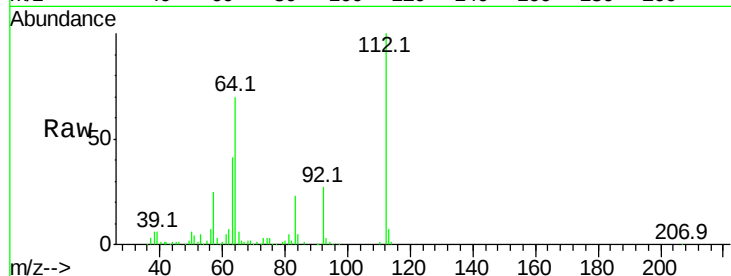
Tot Ion:112 Resp: 132371

Ion Ratio Lower Upper

112 100

64 69.7 61.8 92.6

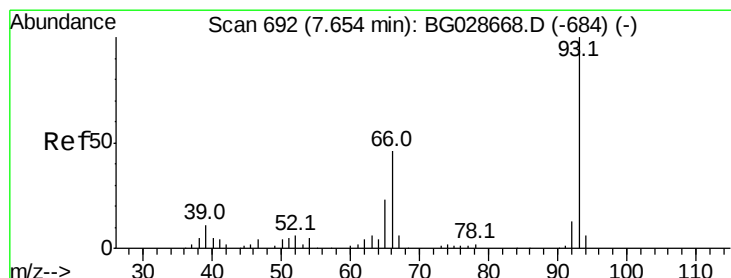
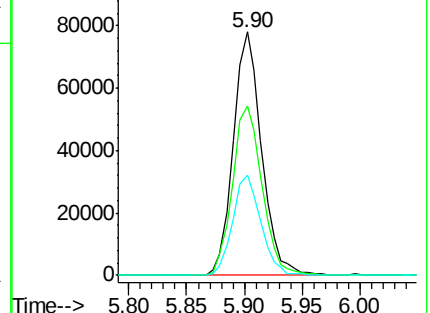
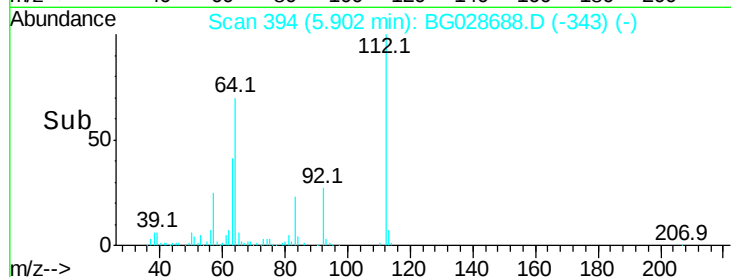
63 41.4 37.2 55.8



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: 25.392 ng

RT: 7.65 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

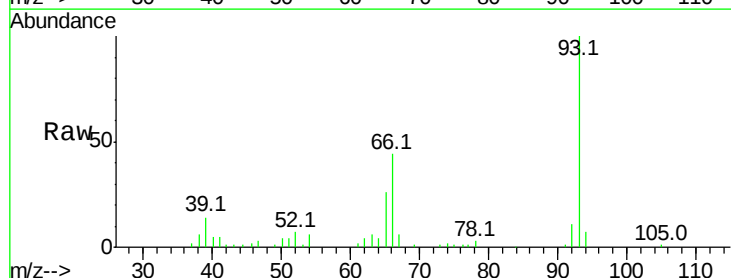
Tgt Ion: 93 Resp: 75151

Ion Ratio Lower Upper

93 100

66 44.1 35.4 53.2

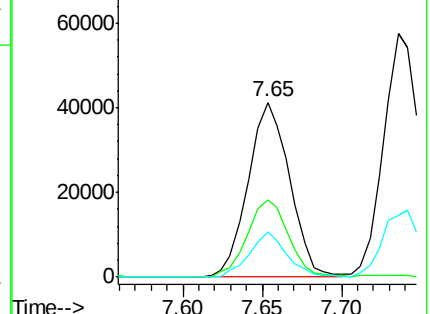
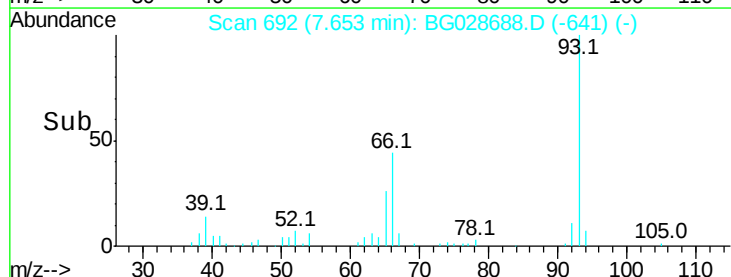
65 25.7 21.2 31.8

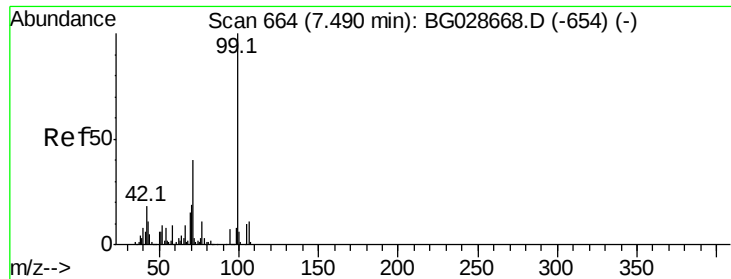


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 47.650 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

Instrument :

BNA_G

ClientSampled :

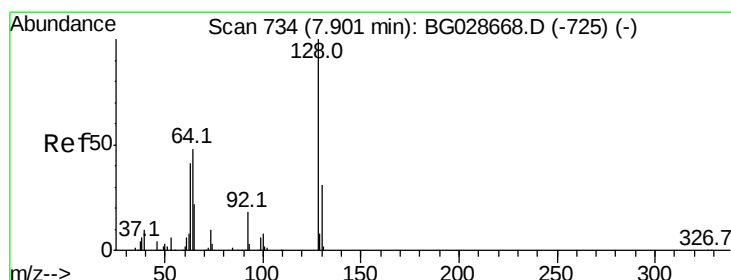
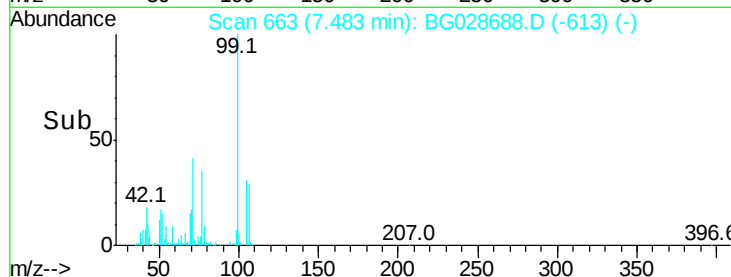
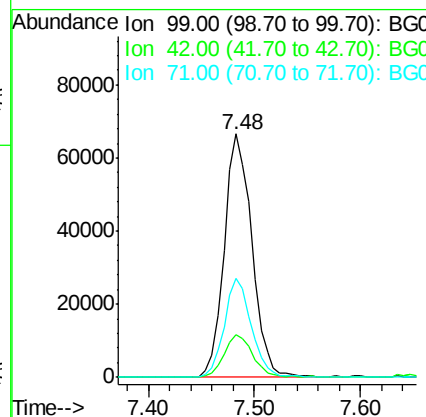
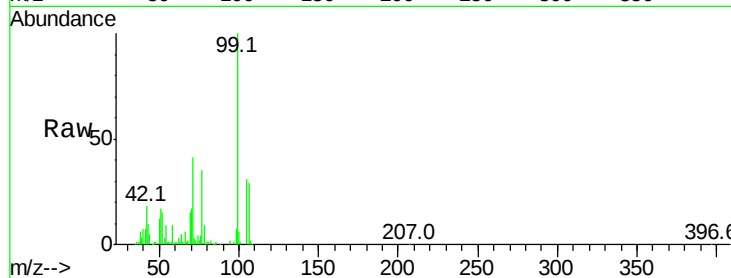
Tot Ion: 99 Resp: 121177

Ion Ratio Lower Upper

99 100

42 17.6 20.5 30.7#

71 40.9 37.6 56.4



#8

2-Chlorophenol

Concen: 42.885 ng

RT: 7.90 min Scan# 734

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

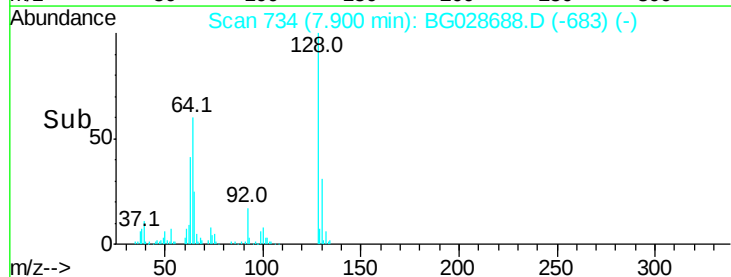
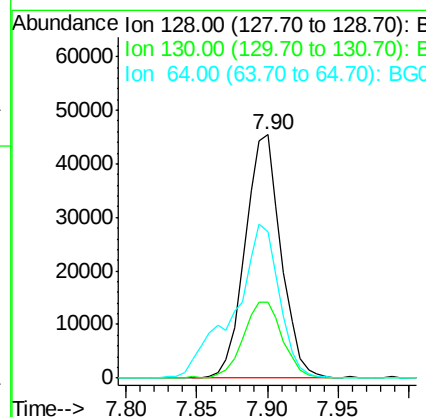
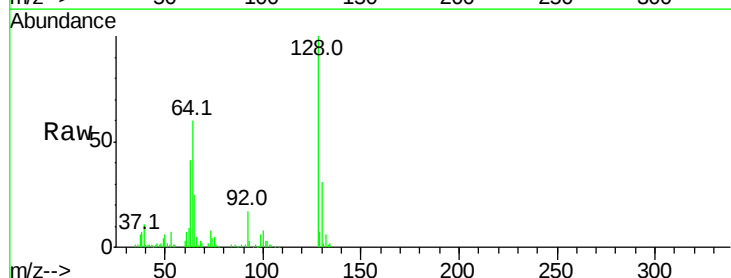
Tgt Ion: 128 Resp: 80748

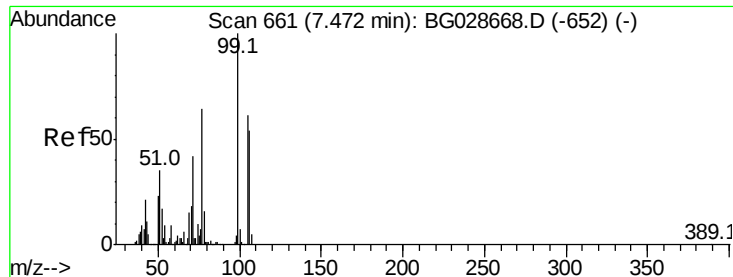
Ion Ratio Lower Upper

128 100

130 31.1 11.4 51.4

64 60.0 46.6 86.6





#9

Benzaldehyde

Concen: 44.795 ng

RT: 7.47 min Scan# 661

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

Instrument :

BNA_G

ClientSampleId :

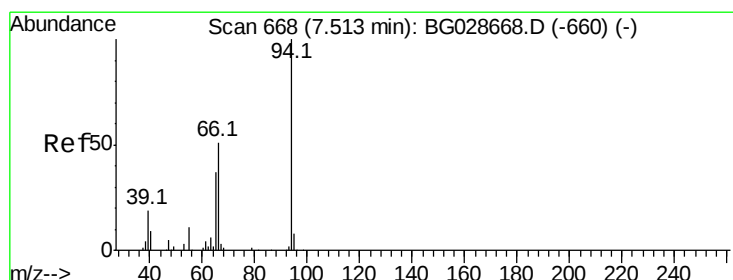
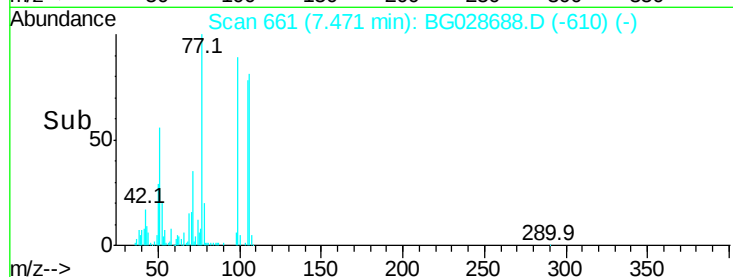
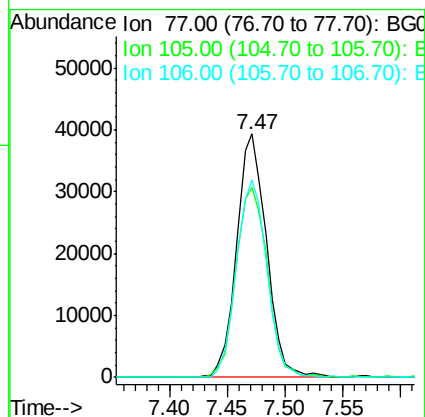
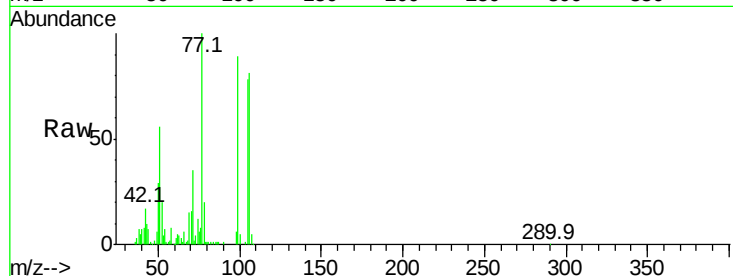
Tot Ion: 77 Resp: 70675

Ion Ratio Lower Upper

77 100

105 78.1 60.9 100.9

106 80.9 55.1 95.1



#10

Phenol

Concen: 15.475 ng

RT: 7.51 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

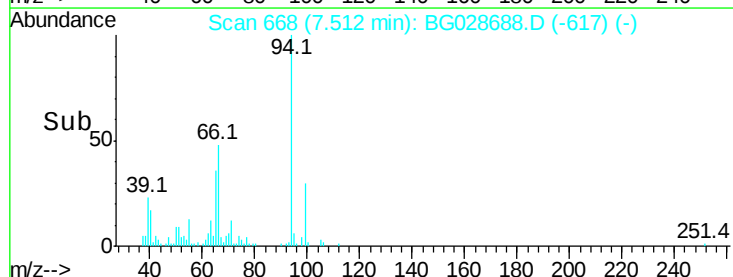
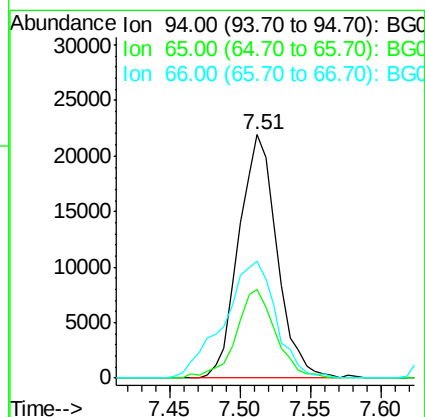
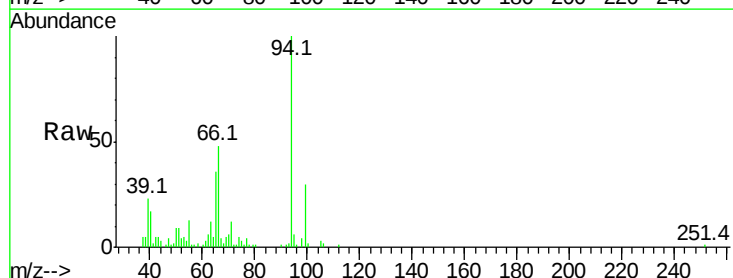
Tgt Ion: 94 Resp: 41532

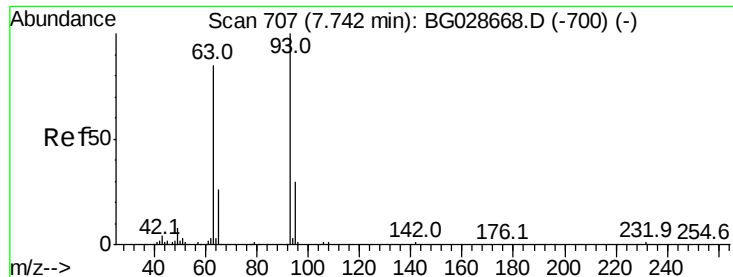
Ion Ratio Lower Upper

94 100

65 36.4 20.6 60.6

66 48.1 35.5 75.5





#11

bis(2-Chloroethyl)ether

Concen: 48.699 ng

RT: 7.74 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

Instrument :

BNA_G

ClientSampleId :

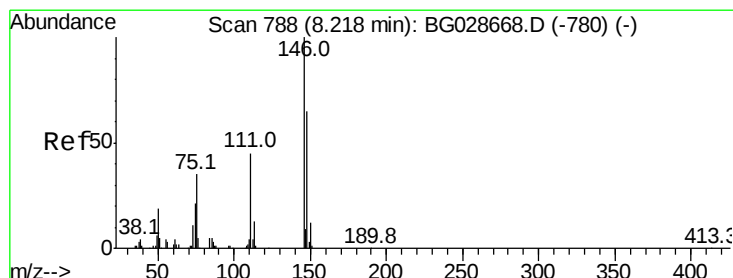
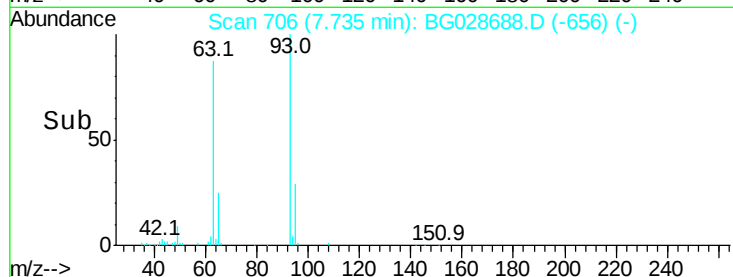
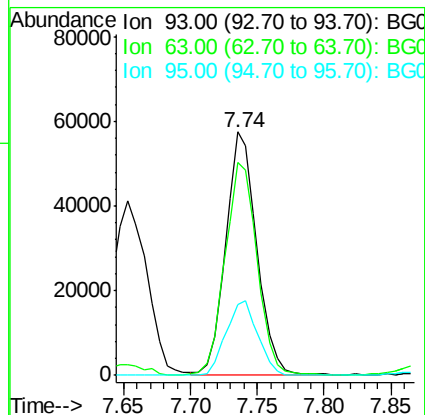
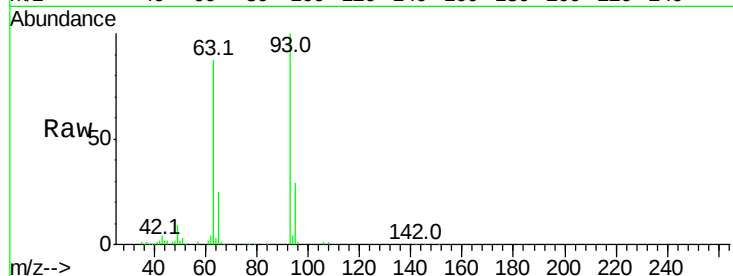
Tot Ion: 93 Resp: 93837

Ion Ratio Lower Upper

93 100

63 87.4 78.5 118.5

95 29.1 9.8 49.8



#12

1,3-Dichlorobenzene

Concen: 44.029 ng

RT: 8.22 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

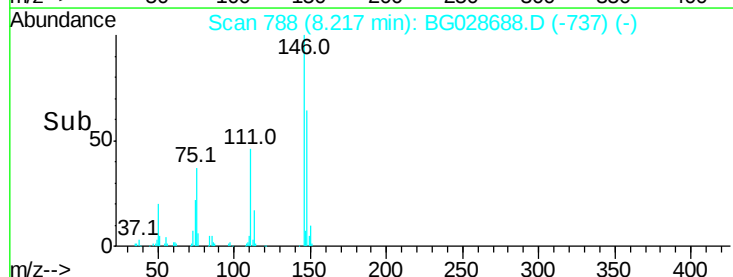
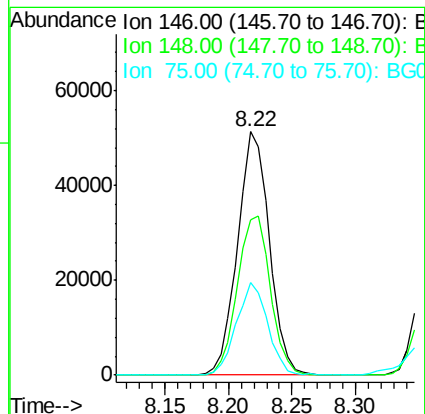
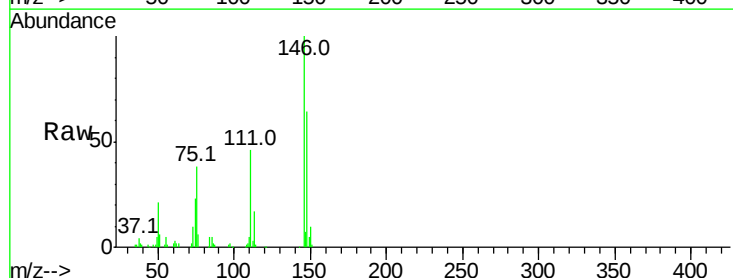
Tgt Ion: 146 Resp: 89268

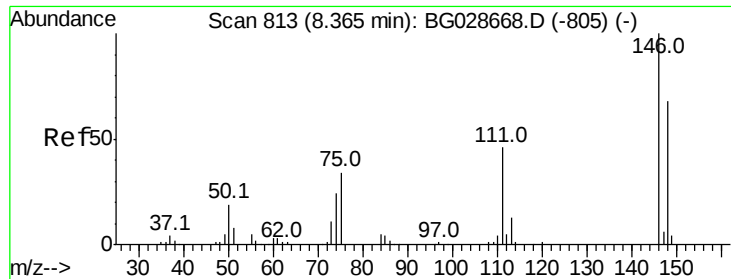
Ion Ratio Lower Upper

146 100

148 63.9 49.2 73.8

75 38.3 33.4 50.2

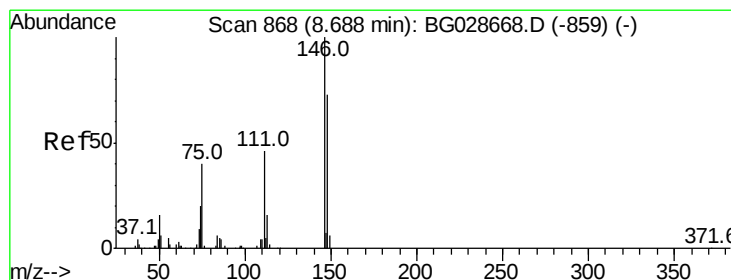
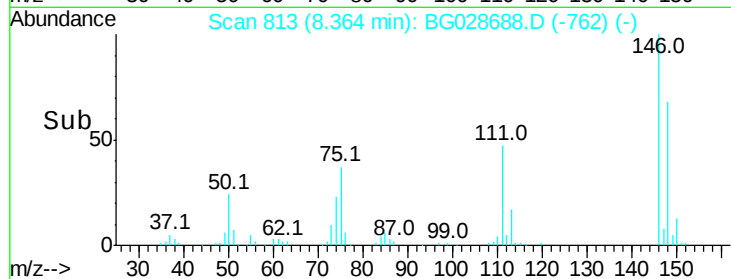
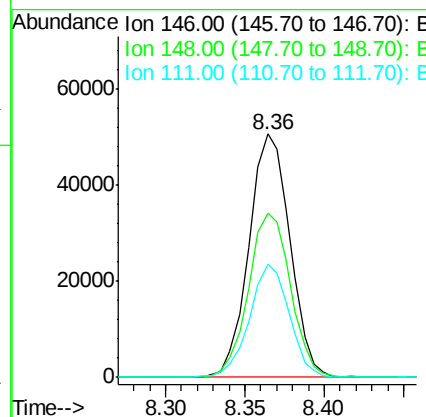
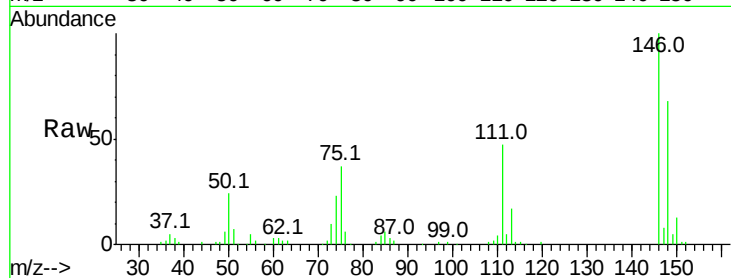




#13
 1,4-Dichlorobenzene
 Concen: 43.599 ng
 RT: 8.36 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BG028688.D
 Acq: 13 Sep 2017 3:05

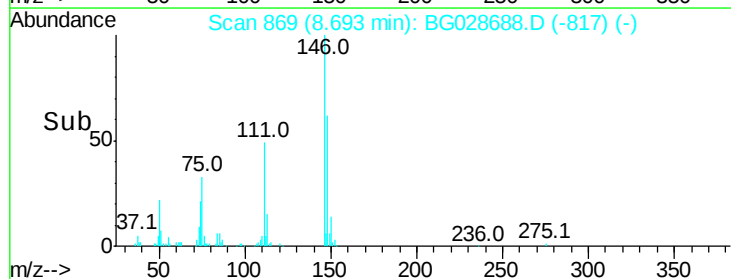
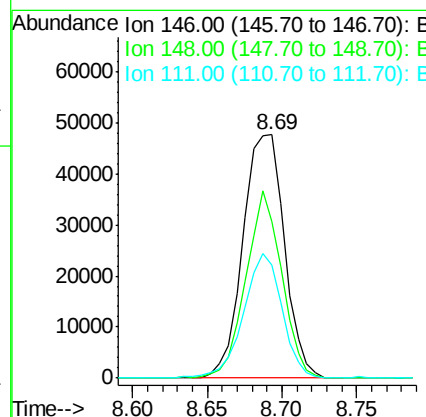
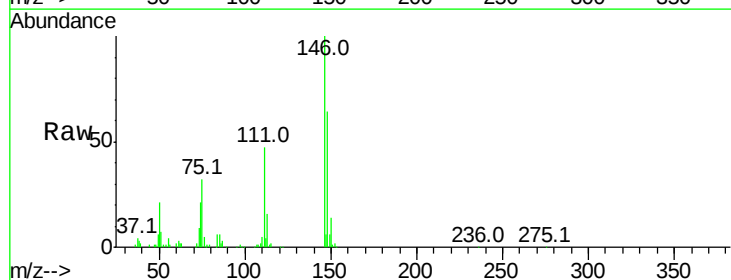
Instrument :
 BNA_G
 ClientSampleId :

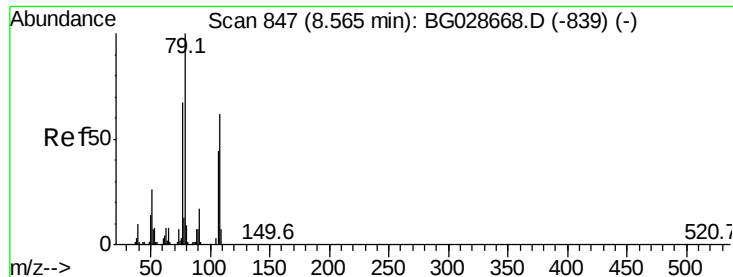
Tot Ion	Ratio	Lower	Upper
146	100		
148	67.5	52.2	78.2
111	46.6	37.0	55.6



#14
 1,2-Dichlorobenzene
 Concen: 44.476 ng
 RT: 8.69 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BG028688.D
 Acq: 13 Sep 2017 3:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	54.6	81.8
111	46.6	39.7	59.5





#15

Benzyl Alcohol

Concen: 32.191 ng

RT: 8.56 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

Instrument :

BNA_G

ClientSampleId :

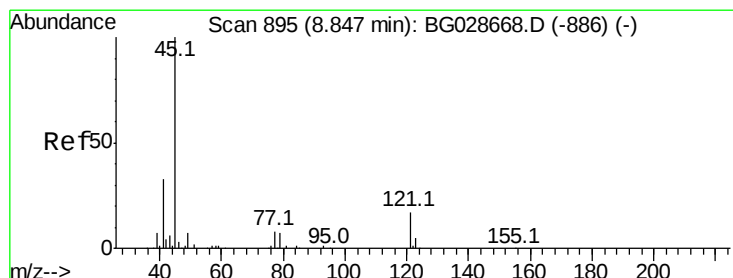
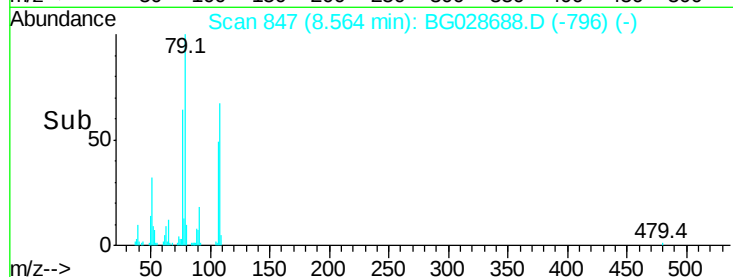
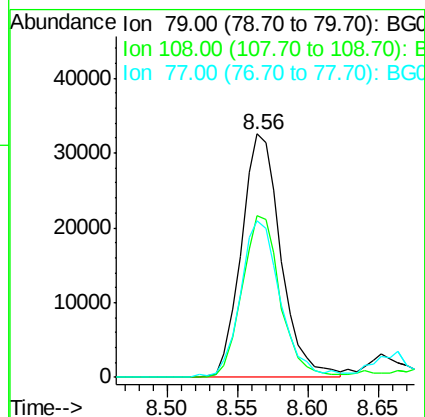
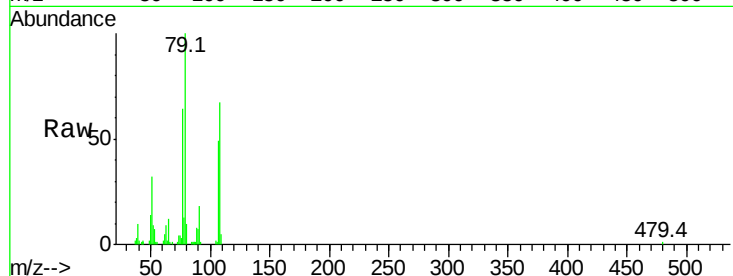
Tot Ion: 79 Resp: 63905

Ion Ratio Lower Upper

79 100

108 66.5 45.5 68.3

77 64.2 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.327 ng

RT: 8.85 min Scan# 895

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

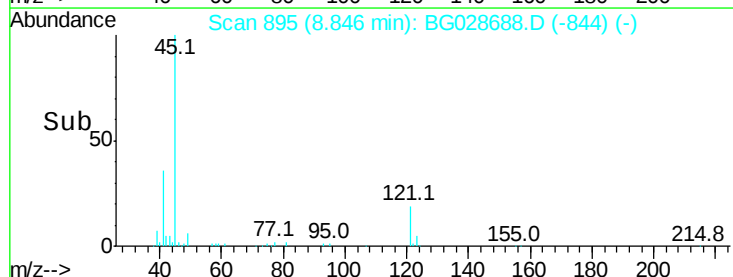
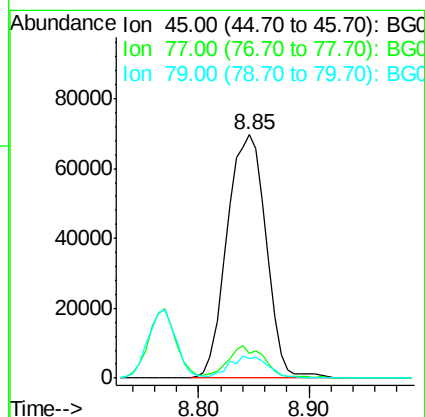
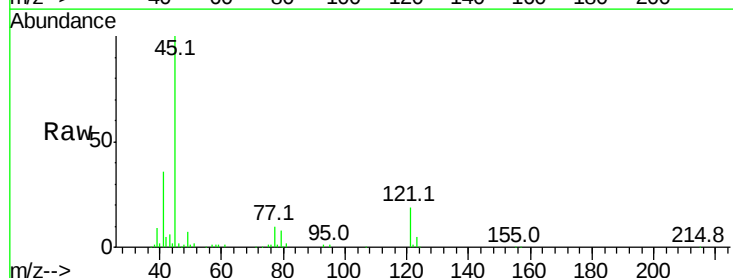
Tgt Ion: 45 Resp: 172741

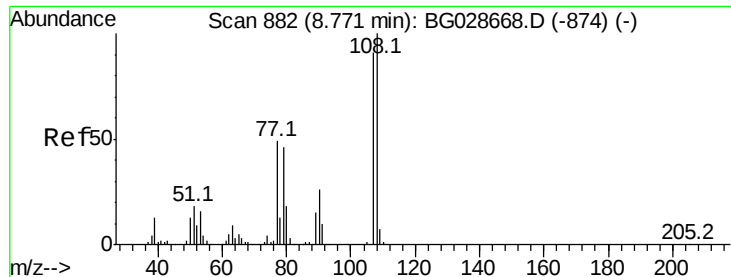
Ion Ratio Lower Upper

45 100

77 10.3 0.0 30.6

79 8.1 0.0 28.5

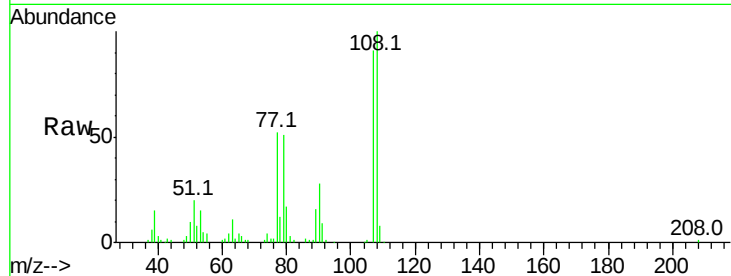




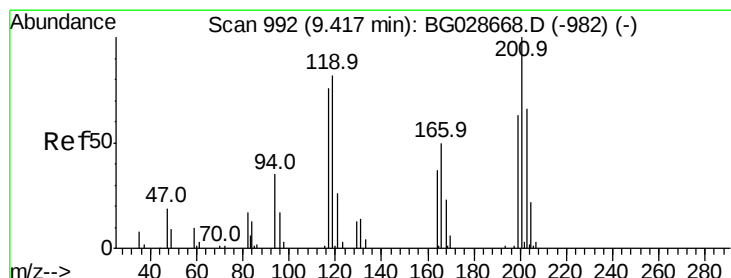
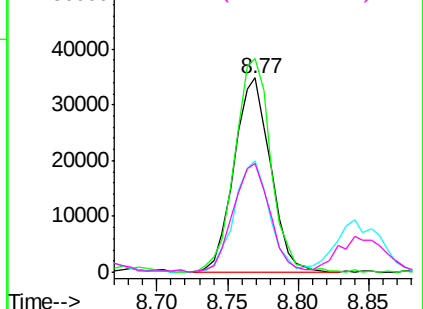
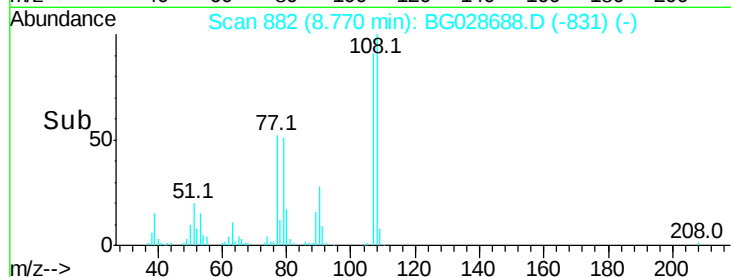
#17
2-Methylphenol
Concen: 35.831 ng
RT: 8.77 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG028688.D
Acq: 13 Sep 2017 3:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 62840
Ion Ratio Lower Upper
107 100
108 110.0 85.6 128.4
77 57.7 51.4 77.2
79 56.2 49.2 73.8

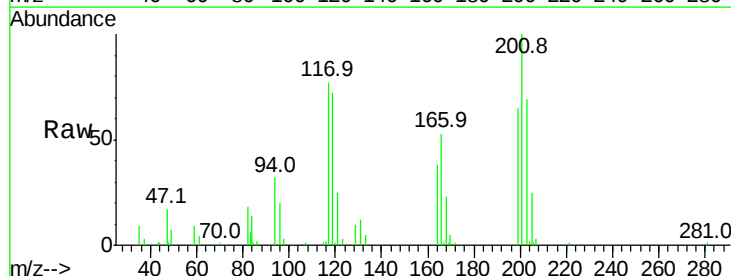


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

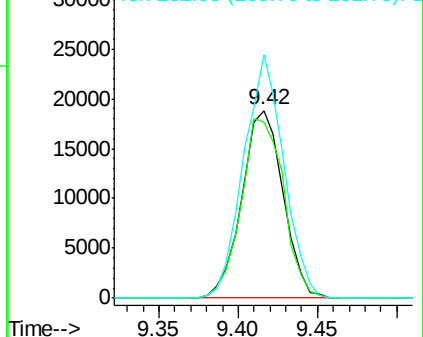
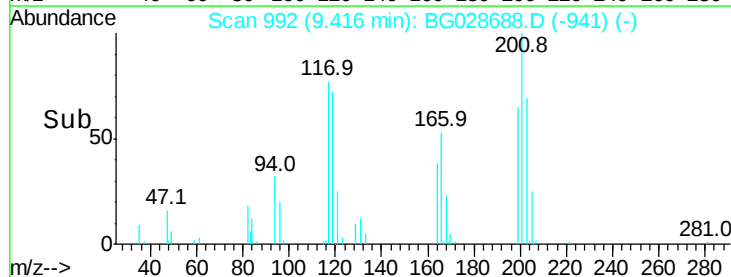


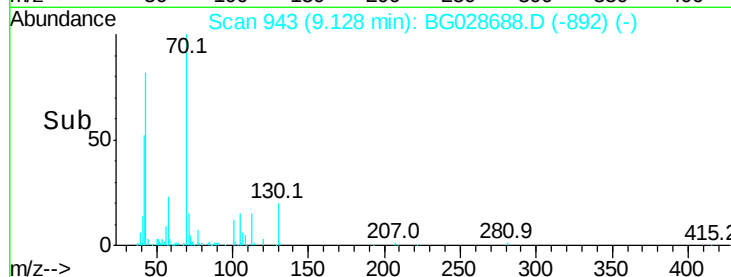
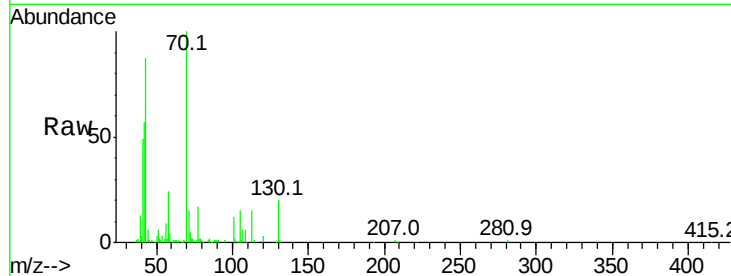
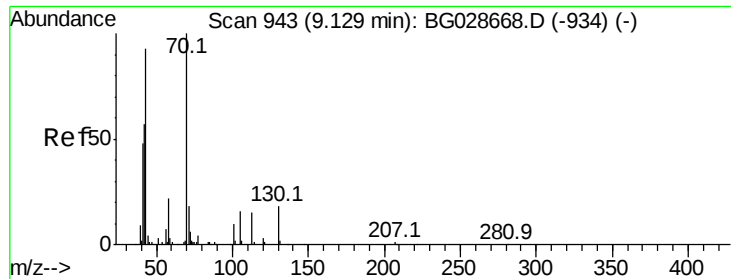
#18
Hexachloroethane
Concen: 44.494 ng
RT: 9.42 min Scan# 992
Delta R.T. -0.00 min
Lab File: BG028688.D
Acq: 13 Sep 2017 3:05

Tgt Ion:117 Resp: 33999
Ion Ratio Lower Upper
117 100
119 93.5 69.8 104.6
201 129.9 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

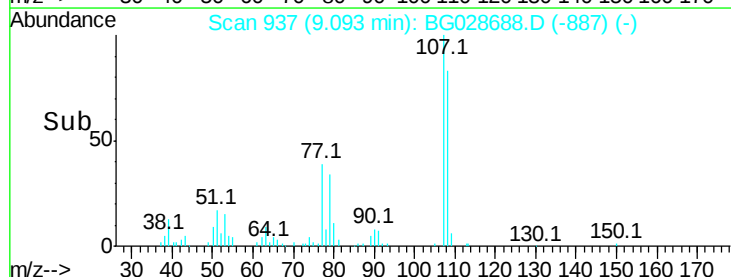
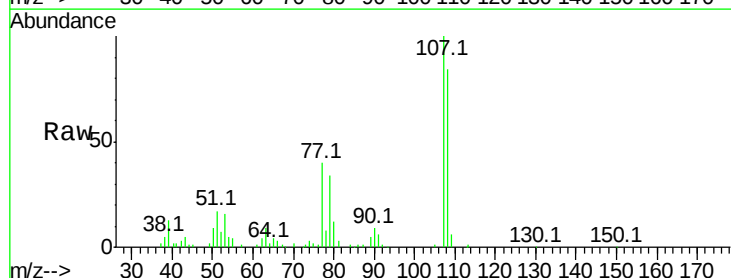
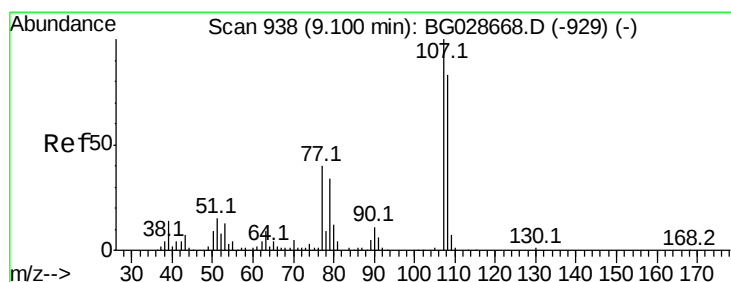
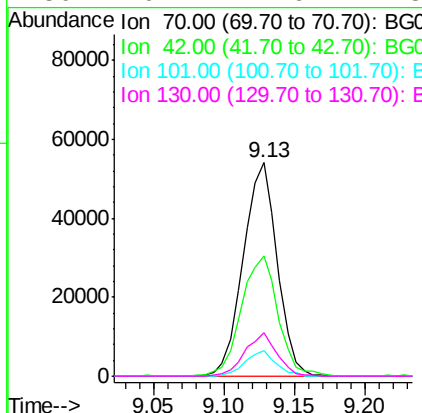




#19
n-Nitroso-di-n-propylamine
Concen: 50.502 ng
RT: 9.13 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG028688.D
Acq: 13 Sep 2017 3:05

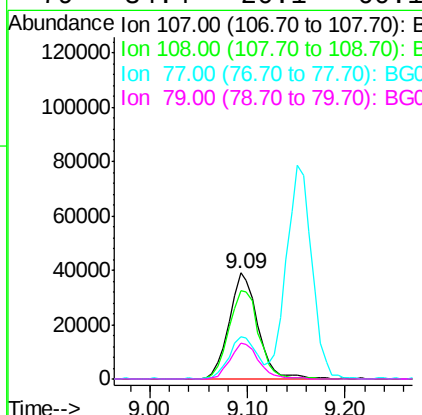
Instrument :
BNA_G
ClientSampleId :

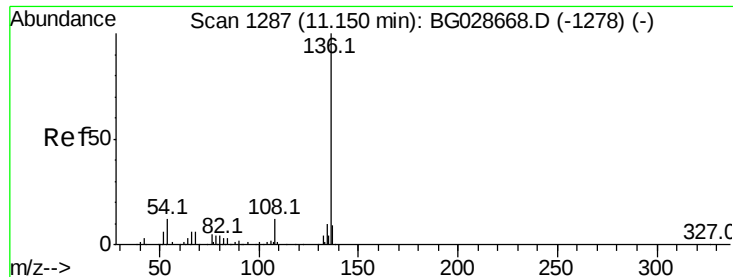
Tot Ion:	70	Resp:	91042
Ion	Ratio	Lower	Upper
70	100		
42	56.5	56.1	84.1
101	12.0	7.5	11.3#
130	20.4	14.6	21.8



#20
3+4-Methylphenols
Concen: 32.419 ng
RT: 9.09 min Scan# 937
Delta R.T. -0.01 min
Lab File: BG028688.D
Acq: 13 Sep 2017 3:05

Tgt Ion:	107	Resp:	79525
Ion	Ratio	Lower	Upper
107	100		
108	83.6	70.8	110.8
77	39.6	25.8	65.8
79	34.4	20.1	60.1

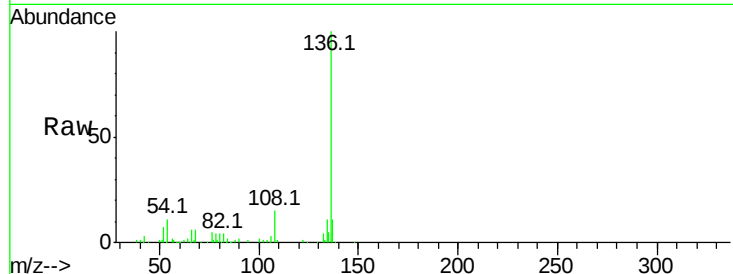




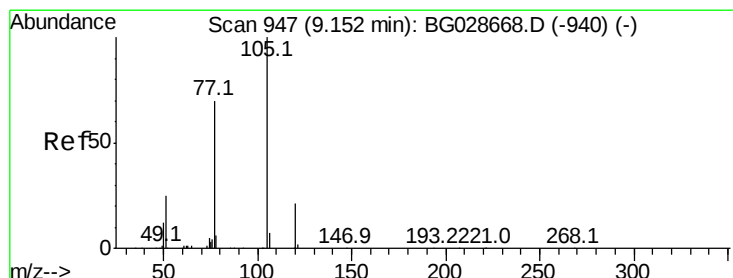
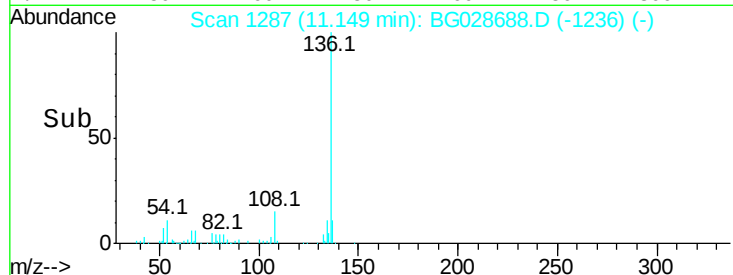
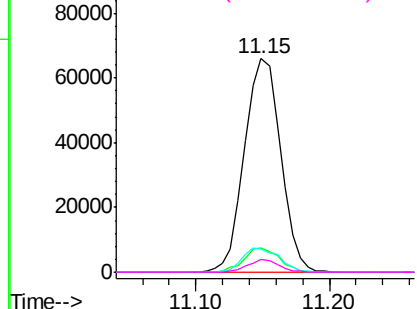
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG028688.D
Acq: 13 Sep 2017 3:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	123774
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.6	9.3	13.9
68	5.8	5.1	7.7

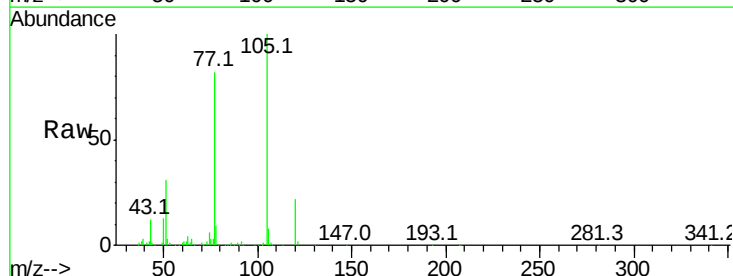


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

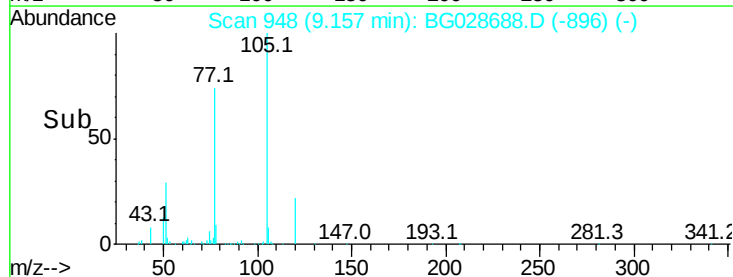
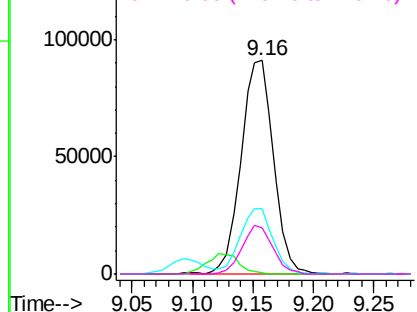


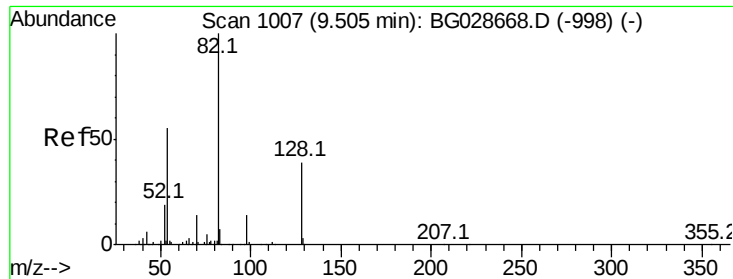
#22
Acetophenone
Concen: 46.674 ng
RT: 9.16 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG028688.D
Acq: 13 Sep 2017 3:05

Tgt Ion:	105	Resp:	168916
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.9	1.3#
51	30.9	34.0	51.0#
120	21.6	17.3	25.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

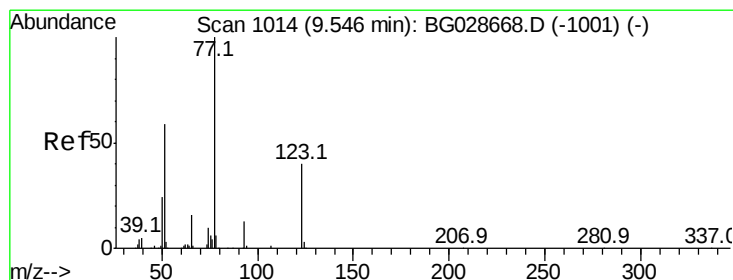
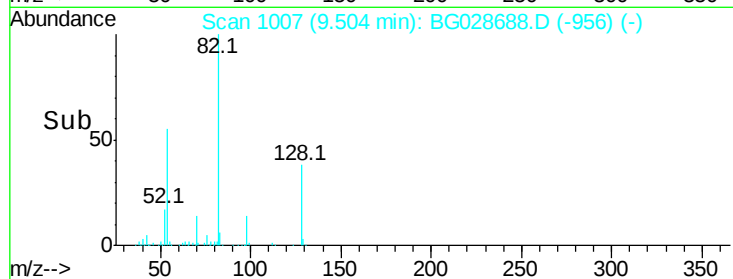
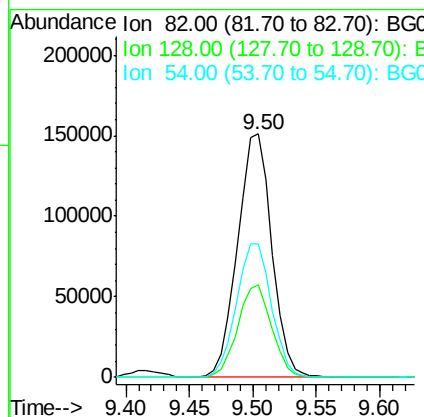
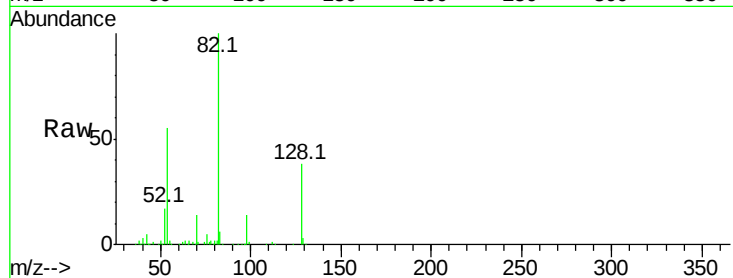




#23
 Nitrobenzene-d5
 Concen: 109.314 ng
 RT: 9.50 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BG028688.D
 Acq: 13 Sep 2017 3:05

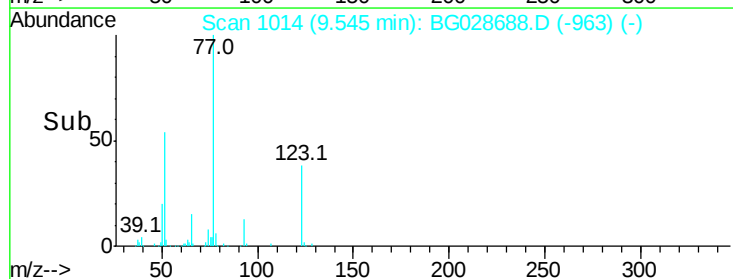
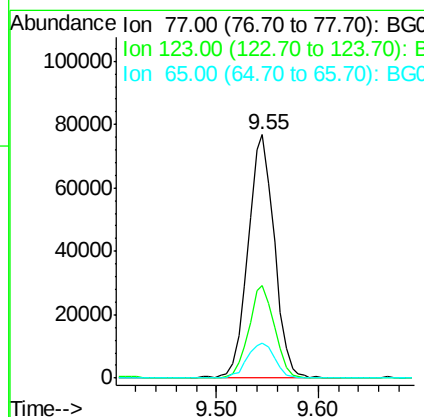
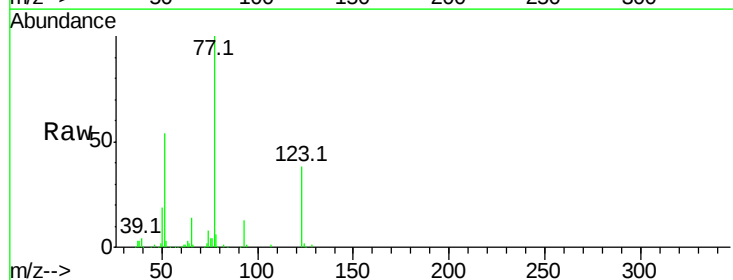
Instrument :
 BNA_G
 ClientSampleId :

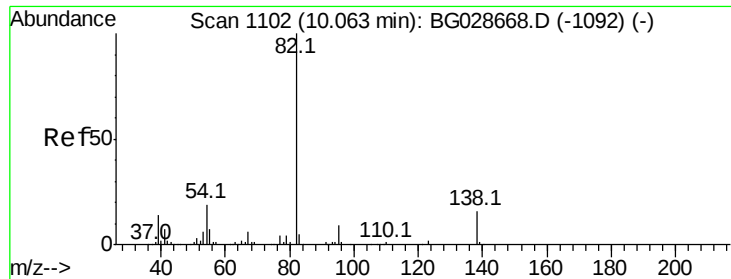
Tot Ion	82	Resp	282839
Ion	Ratio	Lower	Upper
82	100		
128	38.2	26.4	39.6
54	54.9	49.4	74.2



#24
 Nitrobenzene
 Concen: 48.159 ng
 RT: 9.55 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BG028688.D
 Acq: 13 Sep 2017 3:05

Tgt Ion	77	Resp	137980
Ion	Ratio	Lower	Upper
77	100		
123	38.2	26.1	39.1
65	14.5	12.4	18.6





#25

Isophorone

Concen: 50.626 ng

RT: 10.06 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

Instrument :

BNA_G

ClientSampleId :

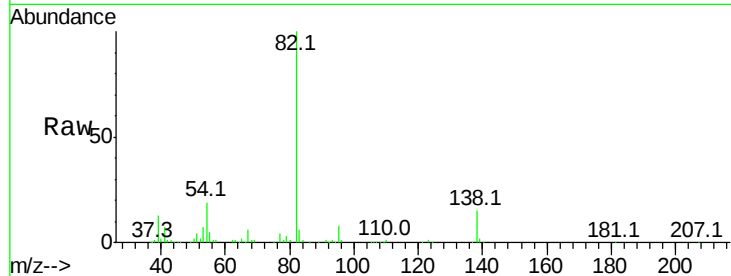
Tot Ion: 82 Resp: 265046

Ion Ratio Lower Upper

82 100

95 8.3 7.5 11.3

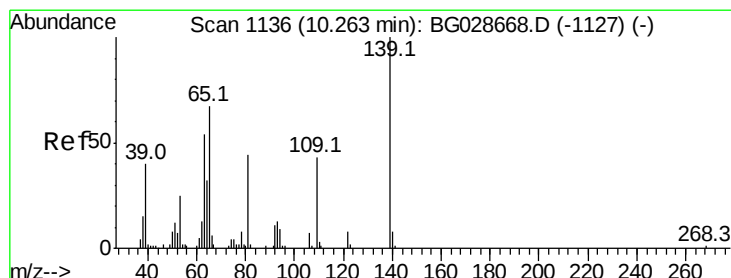
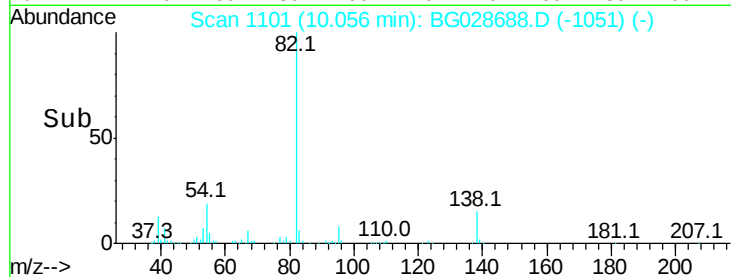
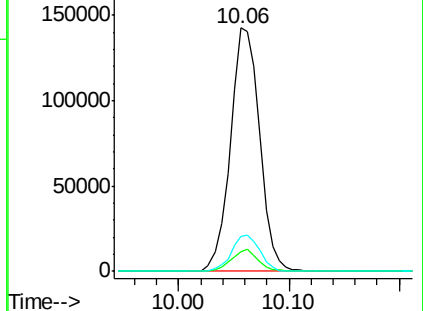
138 14.6 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 46.535 ng

RT: 10.26 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

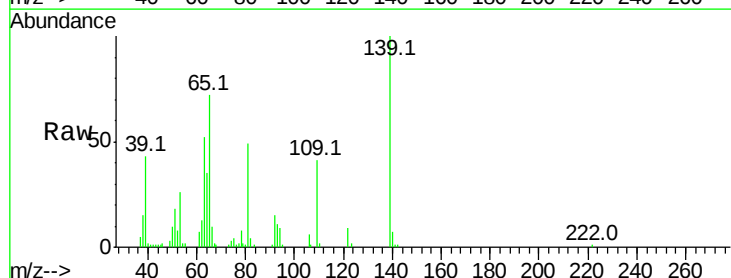
Tgt Ion: 139 Resp: 56744

Ion Ratio Lower Upper

139 100

109 41.0 38.6 58.0

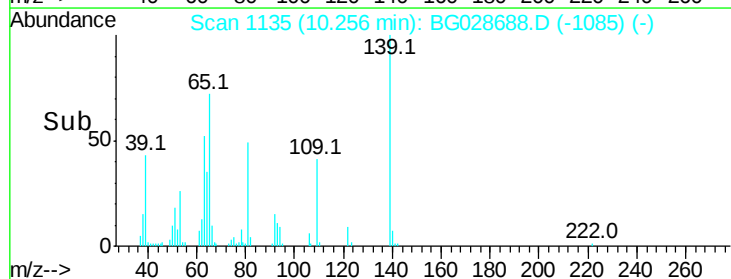
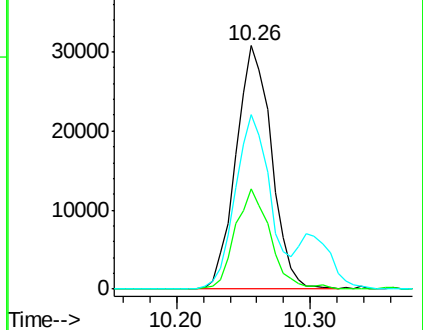
65 71.9 57.1 85.7

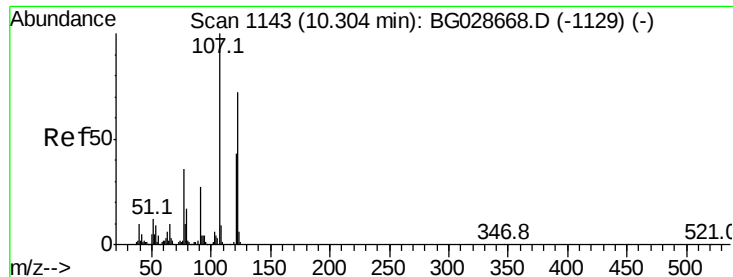


Abundance Ion 139.00 (138.70 to 139.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

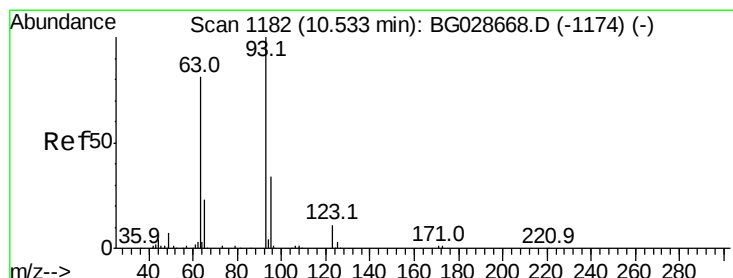
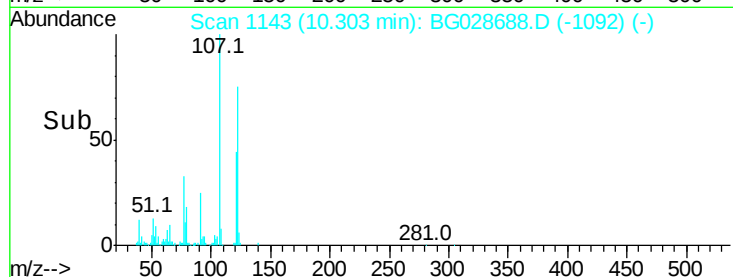
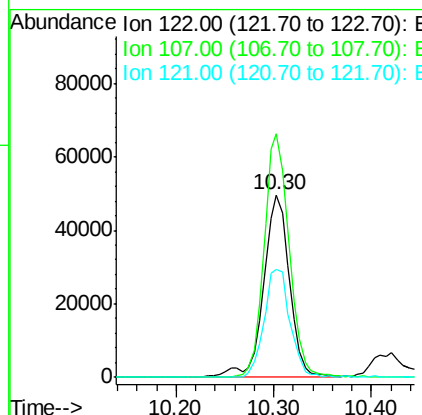
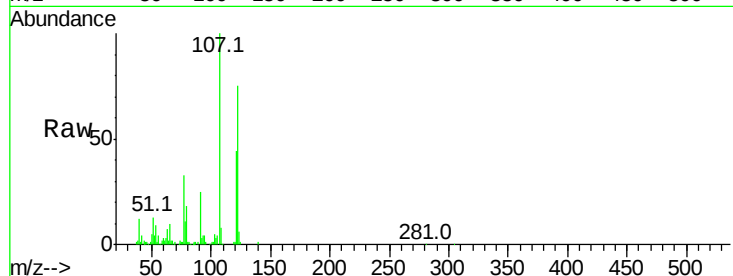




#27
2,4-Dimethylphenol
Concen: 41.666 ng
RT: 10.30 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BG028688.D
Acq: 13 Sep 2017 3:05

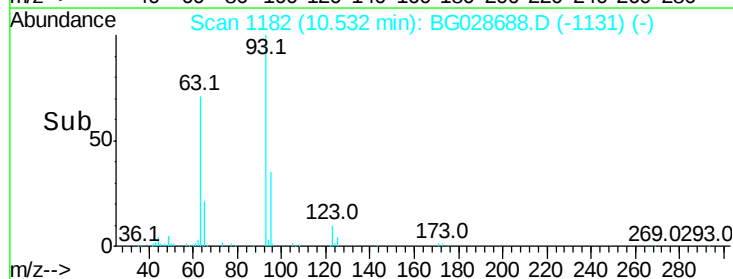
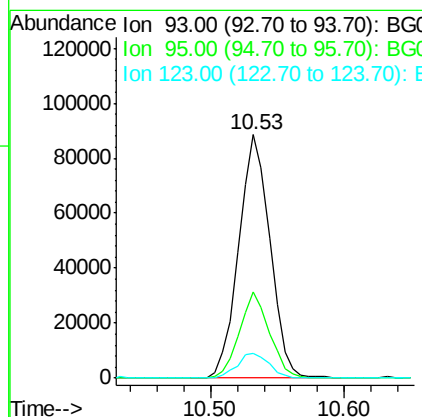
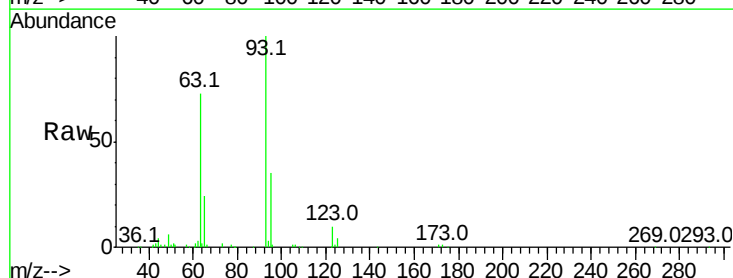
Instrument :
BNA_G
ClientSampleId :

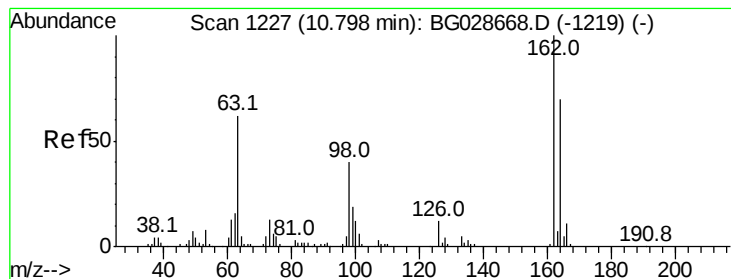
Tot Ion:122 Resp: 92870
Ion Ratio Lower Upper
122 100
107 133.3 104.2 156.4
121 59.1 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 50.520 ng
RT: 10.53 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG028688.D
Acq: 13 Sep 2017 3:05

Tgt Ion: 93 Resp: 143630
Ion Ratio Lower Upper
93 100
95 35.5 25.7 38.5
123 10.2 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 47.912 ng

RT: 10.80 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

Instrument :

BNA_G

ClientSampleId :

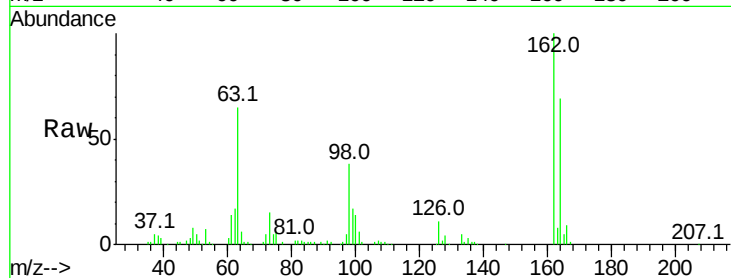
Tot Ion:162 Resp: 106254

Ion Ratio Lower Upper

162 100

164 68.9 42.4 82.4

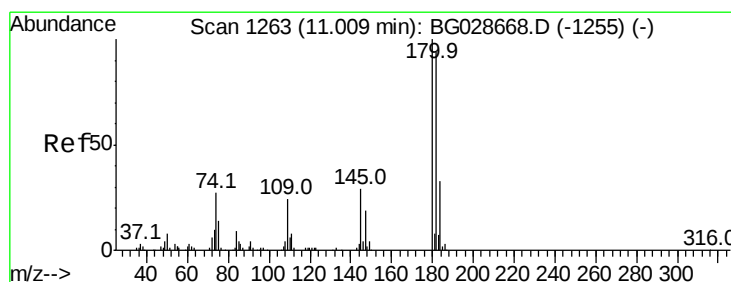
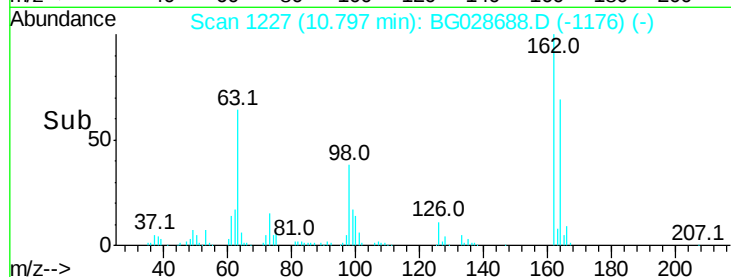
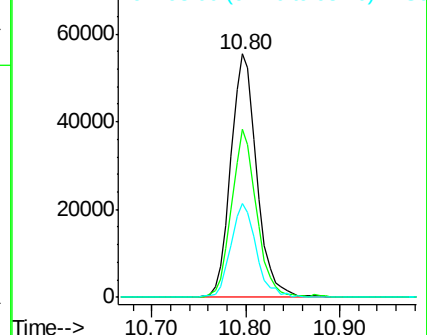
98 38.3 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 45.754 ng

RT: 11.01 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

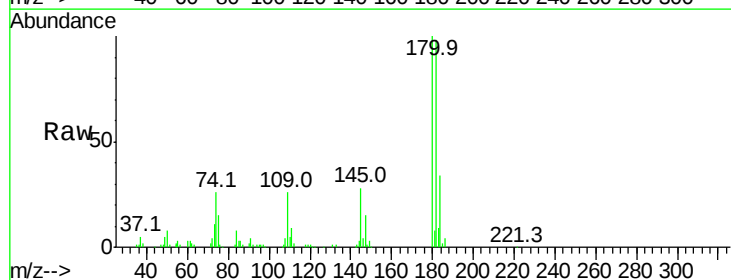
Tgt Ion:180 Resp: 115755

Ion Ratio Lower Upper

180 100

182 98.4 77.0 115.4

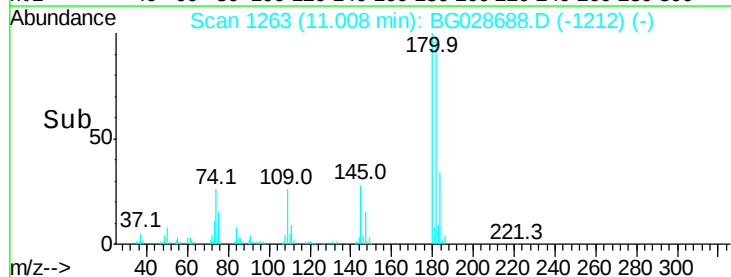
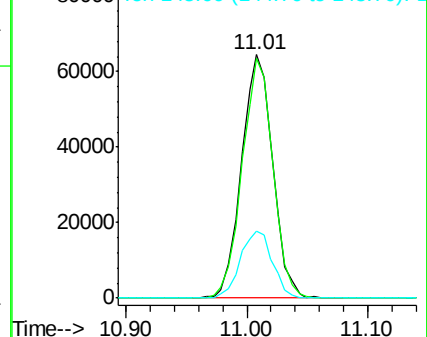
145 27.6 23.4 35.0

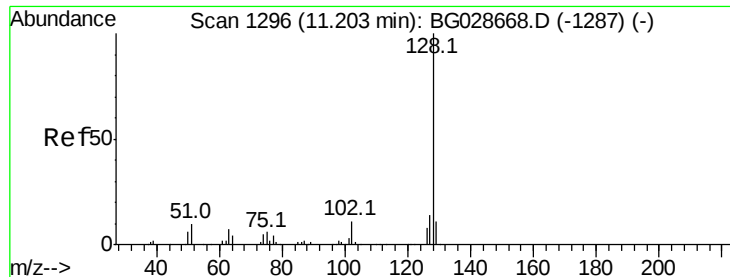


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

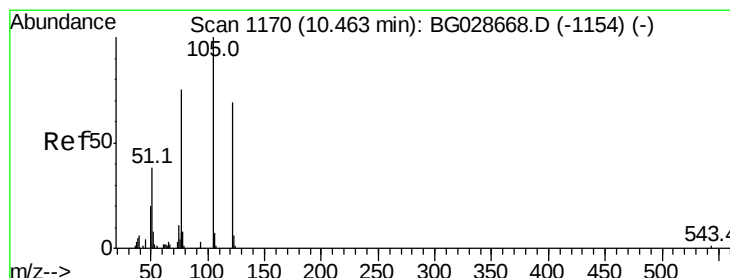
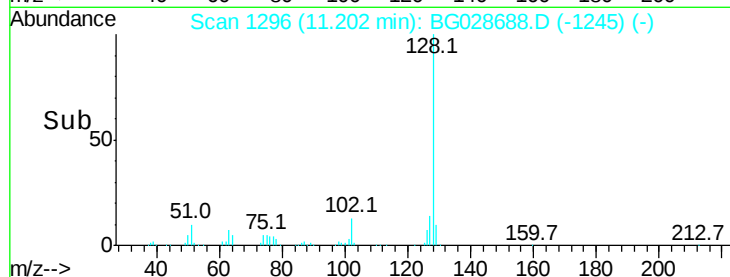
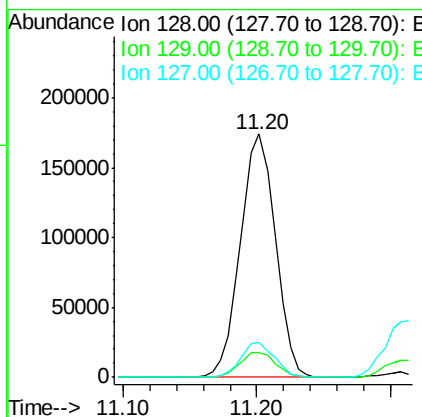
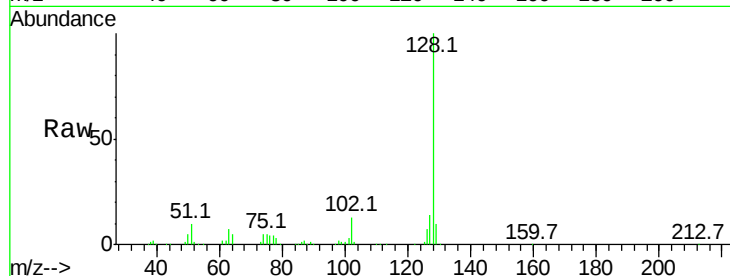




#31
Naphthalene
Concen: 48.998 ng
RT: 11.20 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG028688.D
Acq: 13 Sep 2017 3:05

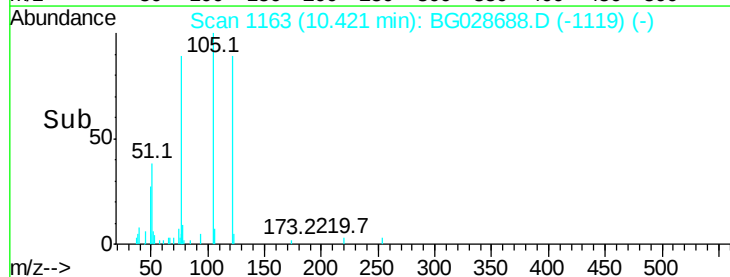
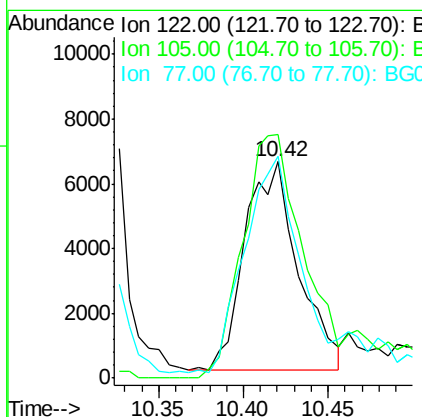
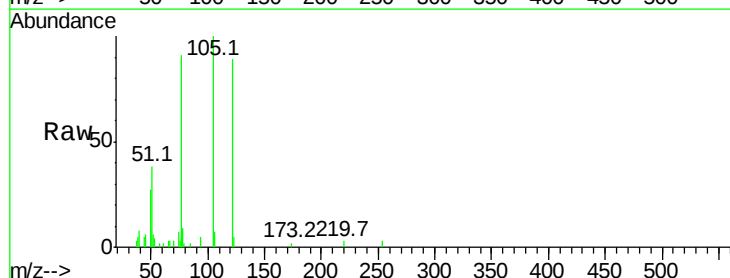
Instrument :
BNA_G
ClientSampleId :

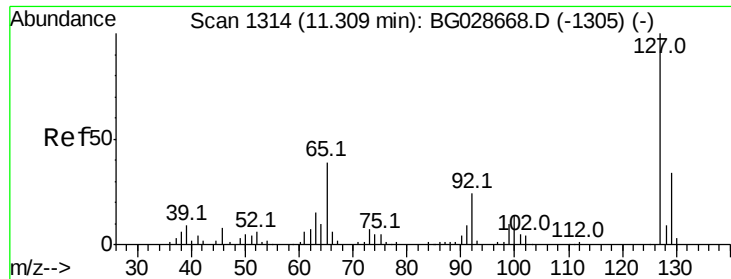
Tot Ion:128 Resp: 316748
Ion Ratio Lower Upper
128 100
129 10.3 9.3 13.9
127 14.2 11.4 17.0



#32
Benzoic acid
Concen: 13.818 ng
RT: 10.42 min Scan# 1163
Delta R.T. -0.04 min
Lab File: BG028688.D
Acq: 13 Sep 2017 3:05

Tgt Ion:122 Resp: 14016
Ion Ratio Lower Upper
122 100
105 112.4 120.1 160.1#
77 102.4 104.6 144.6#

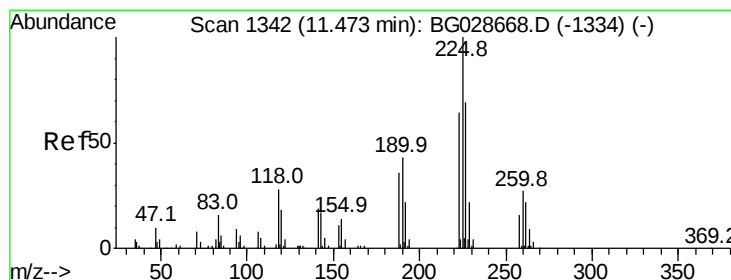
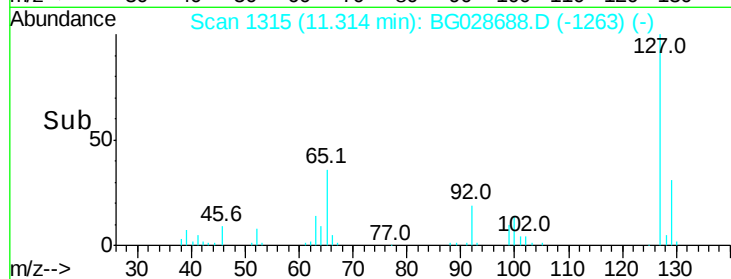
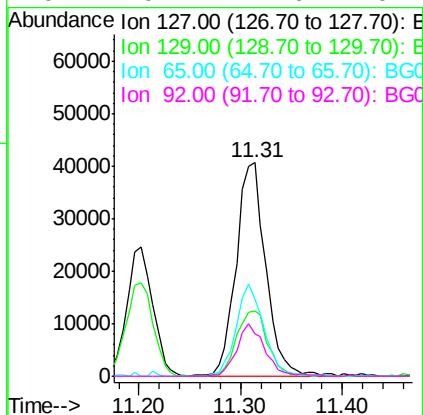
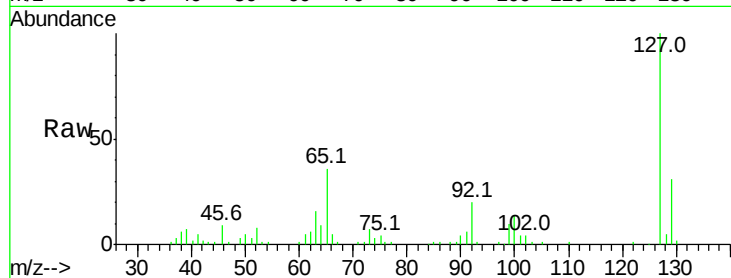




#33
4-Chloroaniline
Concen: 30.573 ng
RT: 11.31 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG028688.D
Acq: 13 Sep 2017 3:05

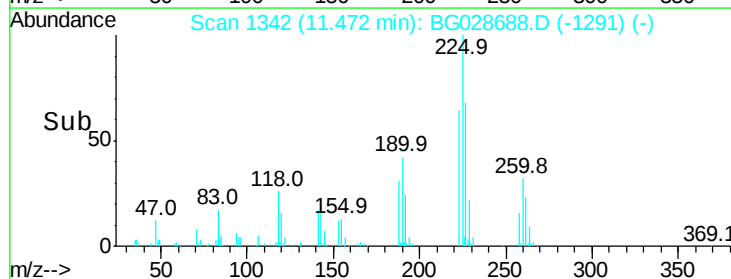
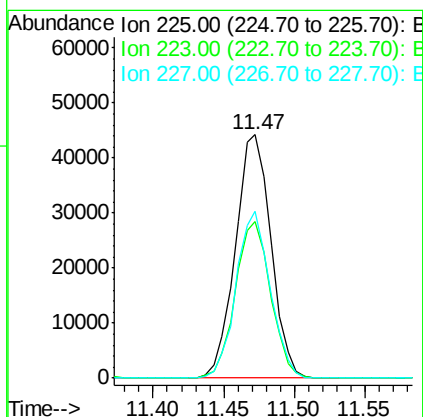
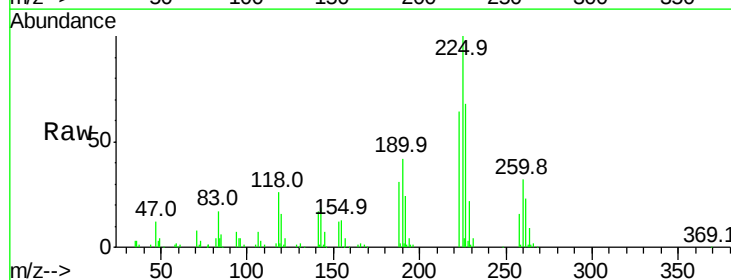
Instrument :
BNA_G
ClientSampled :

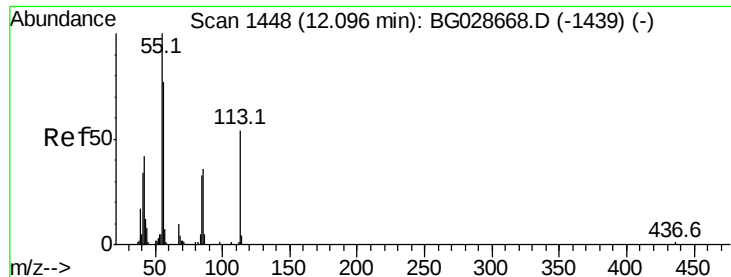
Tot Ion:	127	Resp:	82794
Ion	Ratio	Lower	Upper
127	100		
129	30.7	23.6	35.4
65	36.2	37.7	56.5
92	19.7	17.6	26.4



#34
Hexachlorobutadiene
Concen: 41.770 ng
RT: 11.47 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BG028688.D
Acq: 13 Sep 2017 3:05

Tgt Ion:	225	Resp:	77836
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.7	76.1
227	68.4	49.0	73.6

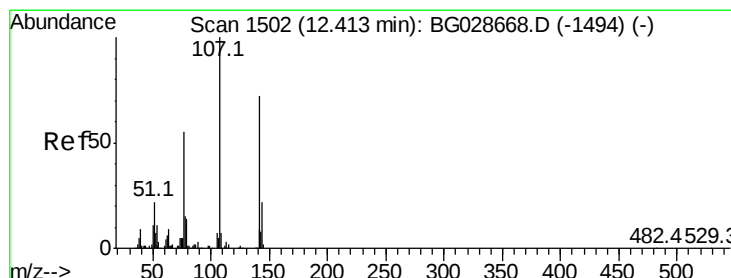
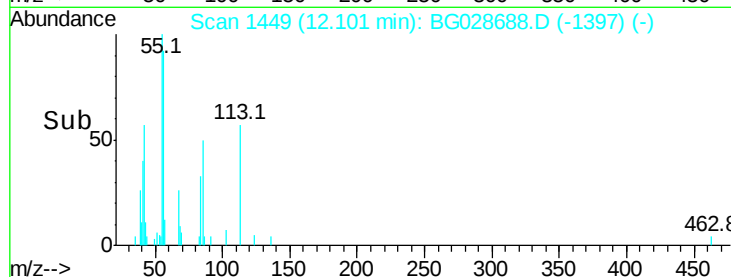
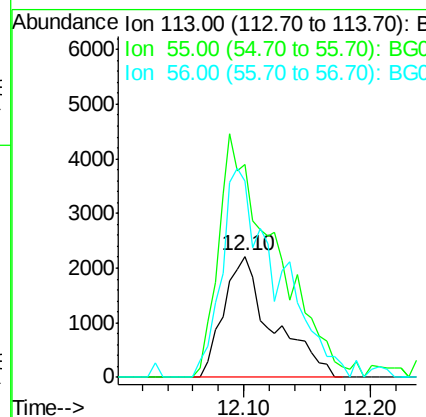
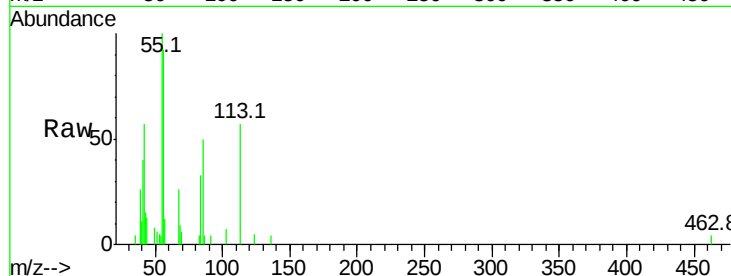




#35
Caprolactam
Concen: 7.426 ng
RT: 12.10 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BG028688.D
Acq: 13 Sep 2017 3:05

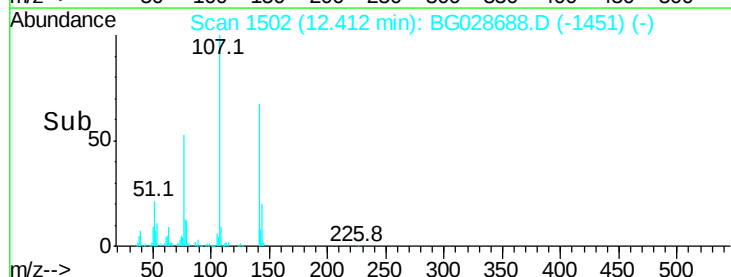
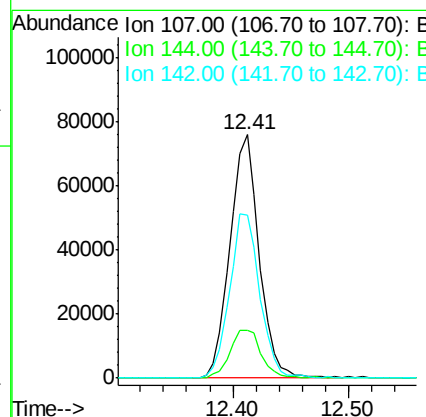
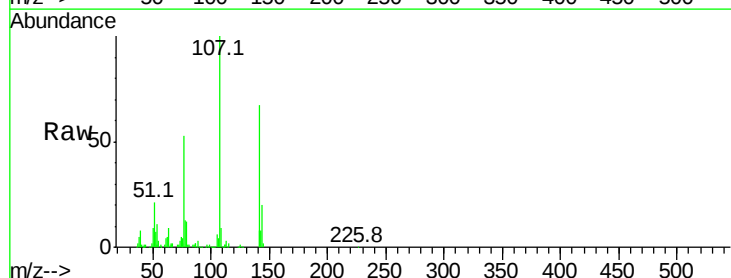
Instrument :
BNA_G
ClientSampled :

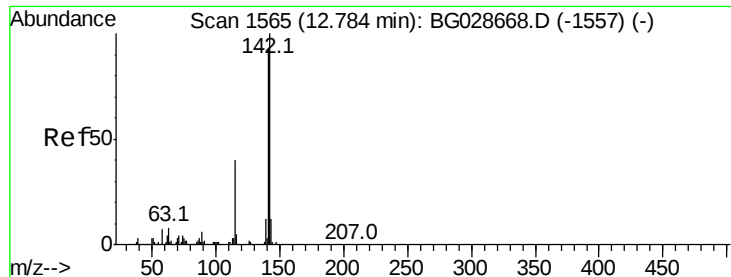
Tot Ion:113 Resp: 5906
Ion Ratio Lower Upper
113 100
55 176.7 198.6 238.6#
56 162.9 140.4 180.4



#36
4-Chloro-3-methylphenol
Concen: 45.990 ng
RT: 12.41 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BG028688.D
Acq: 13 Sep 2017 3:05

Tgt Ion:107 Resp: 132735
Ion Ratio Lower Upper
107 100
144 19.9 17.4 26.0
142 67.0 54.1 81.1

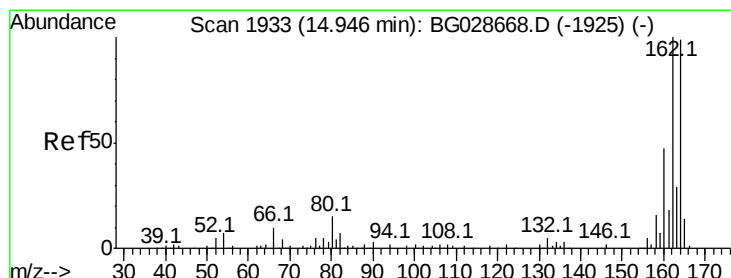
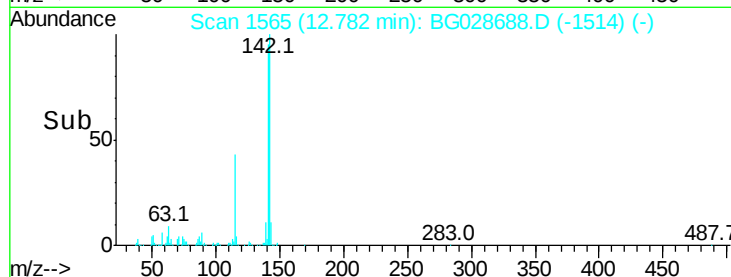
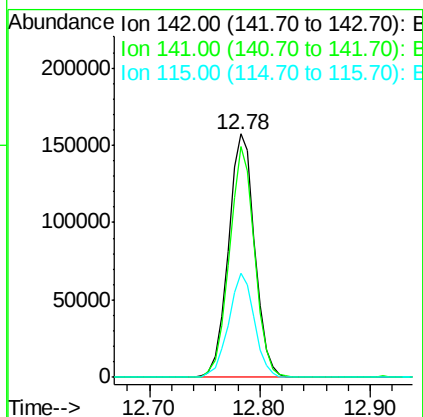
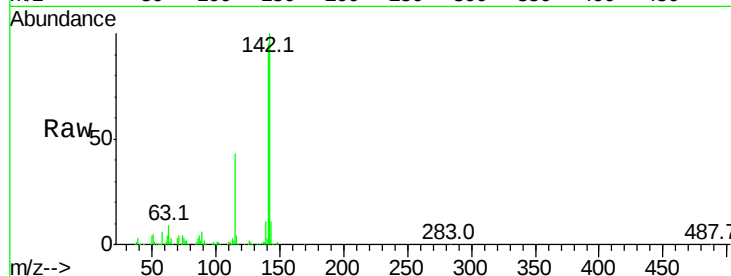




#37
2-Methylnaphthalene
Concen: 54.186 ng
RT: 12.78 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BG028688.D
Acq: 13 Sep 2017 3:05

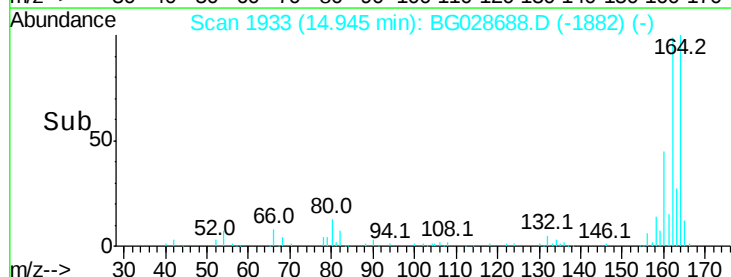
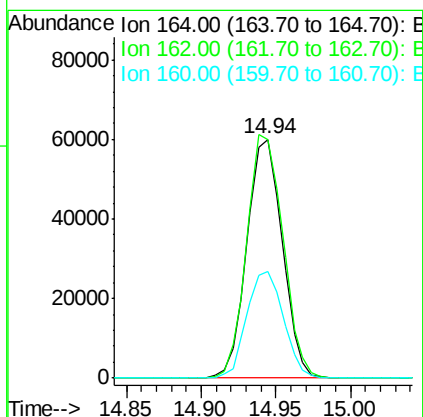
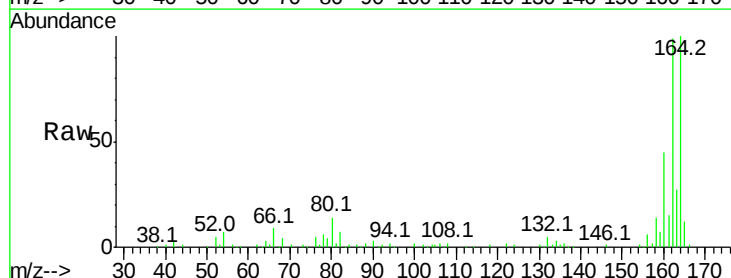
Instrument :
BNA_G
ClientSampleId :

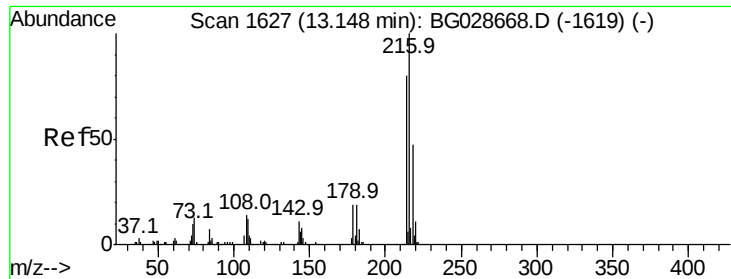
Tot Ion	Ratio	Lower	Upper
142	100		
141	94.7	70.4	105.6
115	42.7	35.5	53.3



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG028688.D
Acq: 13 Sep 2017 3:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	85.1	127.7
160	44.6	34.7	52.1

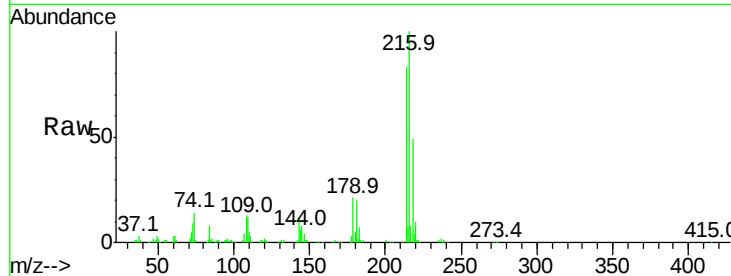




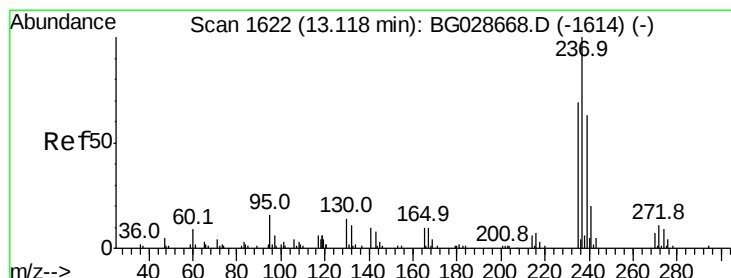
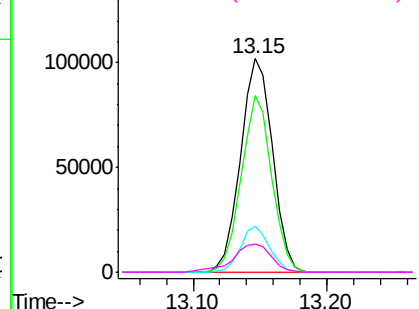
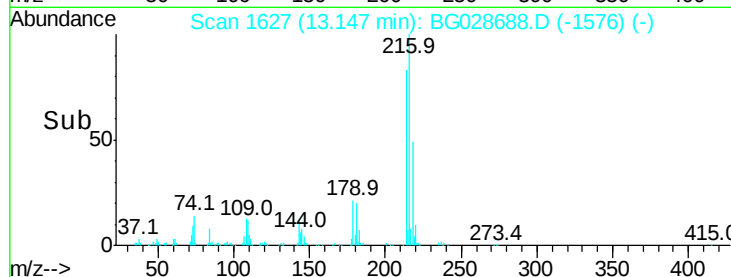
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.649 ng
 RT: 13.15 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BG028688.D
 Acq: 13 Sep 2017 3:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	168409
Ion	Ratio	Lower	Upper
216	100		
214	78.5	64.4	96.6
179	19.7	17.4	26.0
108	16.1	15.6	23.4

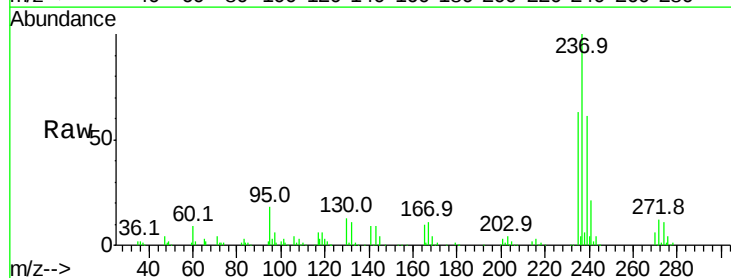


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

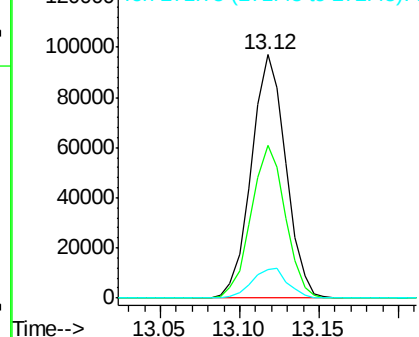
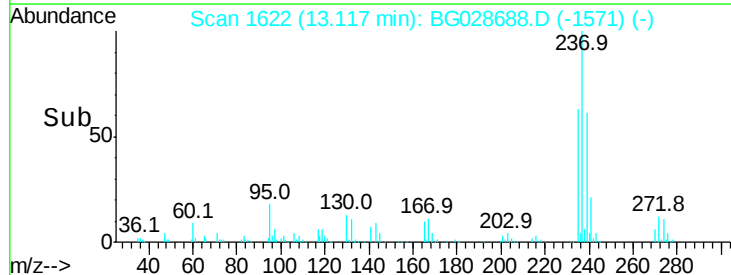


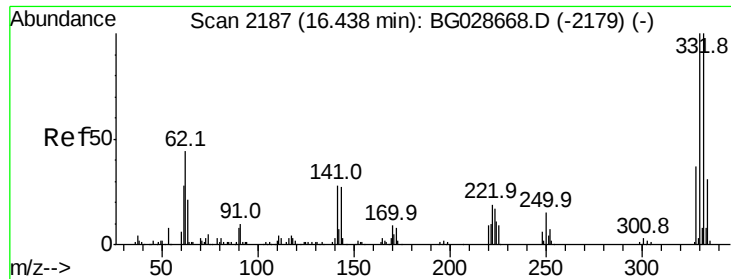
#40
 Hexachlorocyclopentadiene
 Concen: 91.916 ng
 RT: 13.12 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BG028688.D
 Acq: 13 Sep 2017 3:05

Tgt Ion:	237	Resp:	146350
Ion	Ratio	Lower	Upper
237	100		
235	62.6	39.4	79.4
272	11.9	0.0	32.0



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





#41

2,4,6-Tribromophenol

Concen: 170.157 ng

RT: 16.44 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

Instrument :

BNA_G

ClientSampleId :

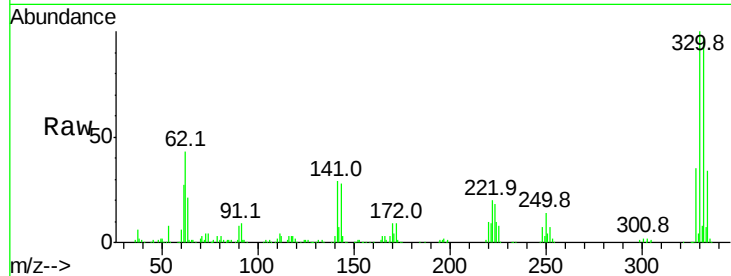
Tot Ion:330 Resp: 276763

Ion Ratio Lower Upper

330 100

332 98.0 77.3 115.9

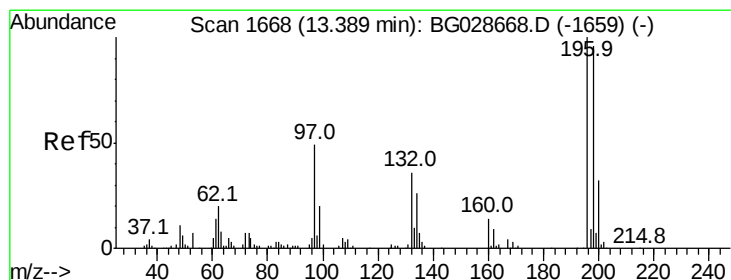
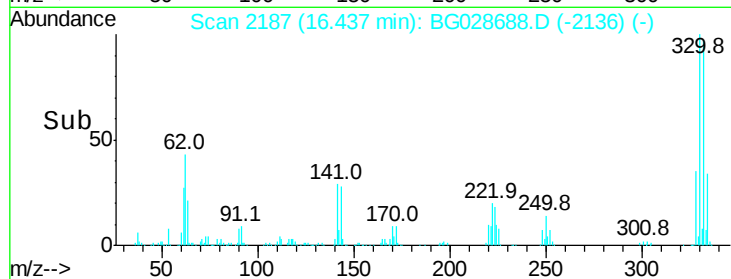
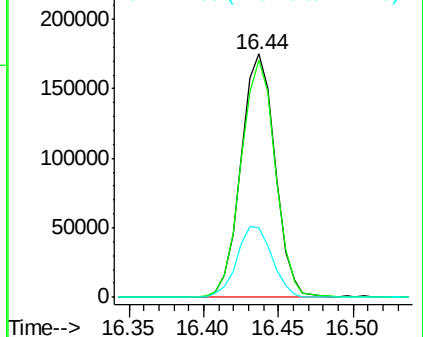
141 30.2 32.1 48.1#



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: 45.967 ng

RT: 13.38 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

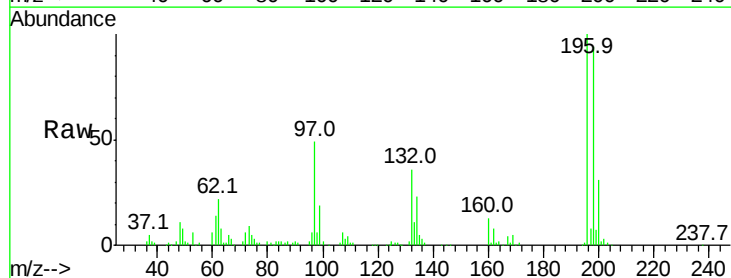
Tgt Ion:196 Resp: 117969

Ion Ratio Lower Upper

196 100

198 93.7 81.4 122.2

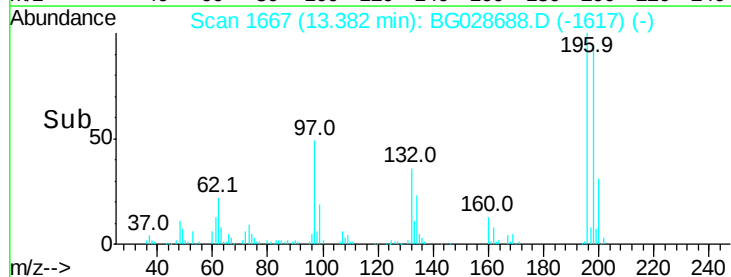
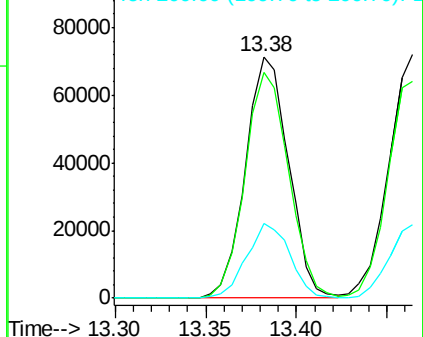
200 30.7 27.0 40.6

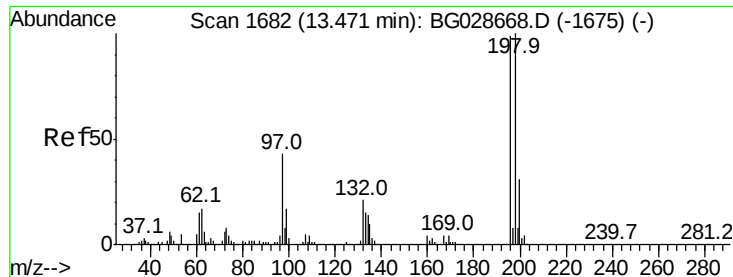


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

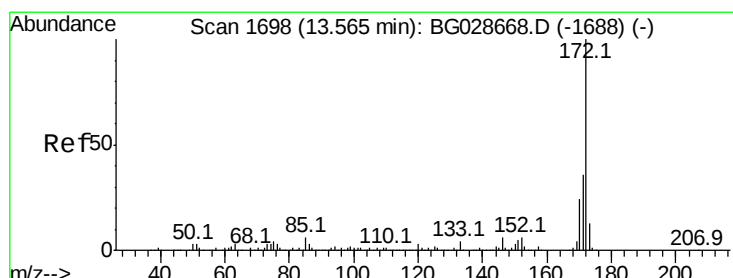
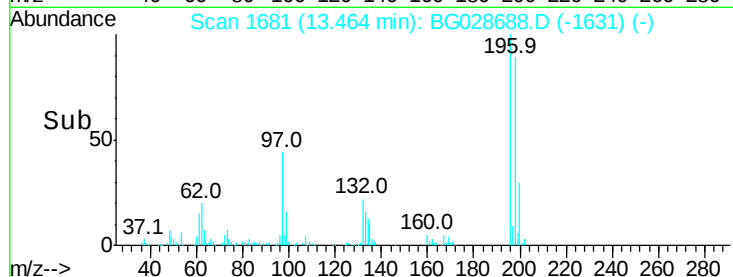
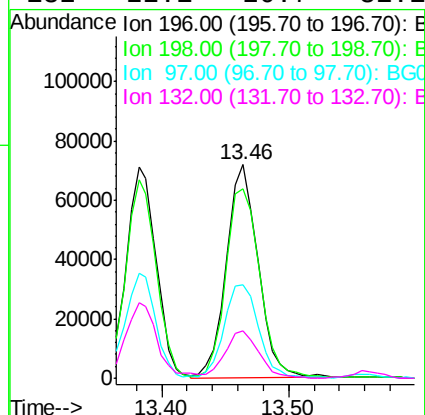
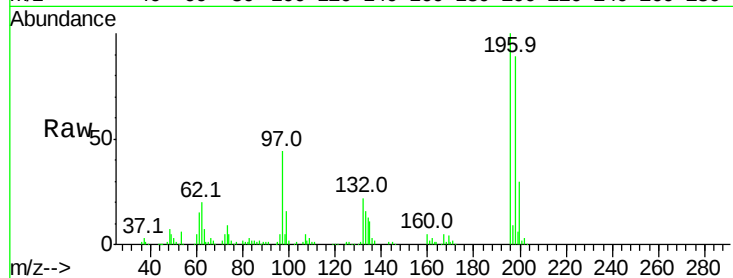




#43
 2,4,5-Trichlorophenol
 Concen: 48.340 ng
 RT: 13.46 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG028688.D
 Acq: 13 Sep 2017 3:05

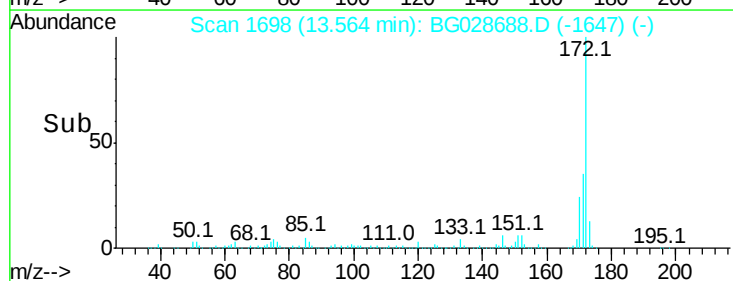
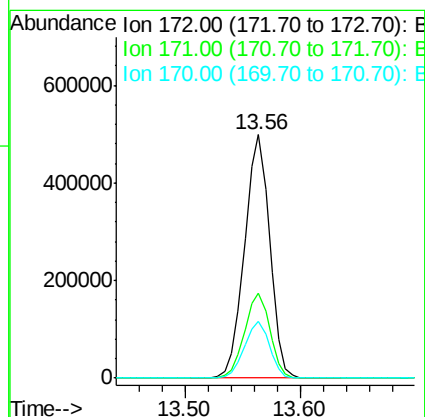
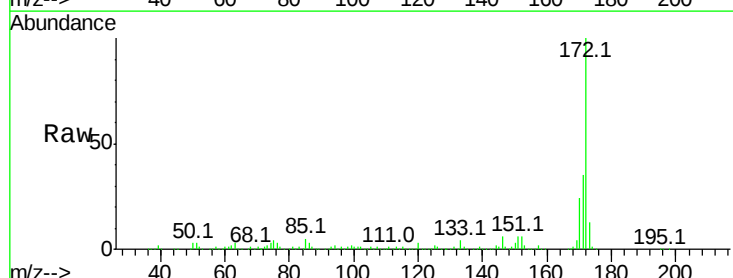
Instrument :
 BNA_G
 ClientSampleId :

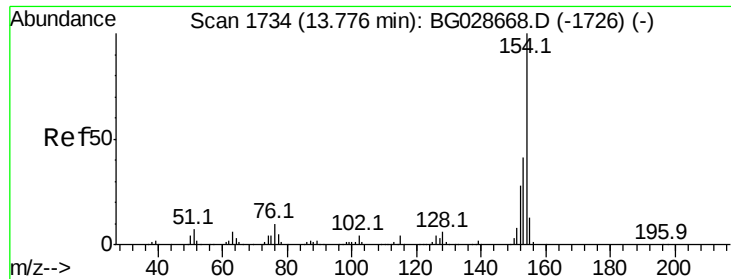
Tot Ion:	196	Resp:	124659
Ion	Ratio	Lower	Upper
196	100		
198	88.9	79.9	119.9
97	43.6	45.4	68.0#
132	22.1	20.7	31.1



#44
 2-Fluorobiphenyl
 Concen: 102.135 ng
 RT: 13.56 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG028688.D
 Acq: 13 Sep 2017 3:05

Tgt Ion:	172	Resp:	753262
Ion	Ratio	Lower	Upper
172	100		
171	35.1	32.2	48.2
170	23.5	21.8	32.6





#45

1,1'-Biphenyl

Concen: 44.964 ng

RT: 13.78 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

Instrument :

BNA_G

ClientSampleId :

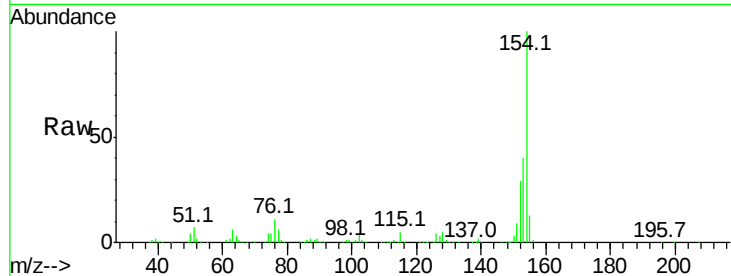
Tot Ion:154 Resp: 366116

Ion Ratio Lower Upper

154 100

153 39.6 23.0 63.0

76 11.0 0.0 33.5

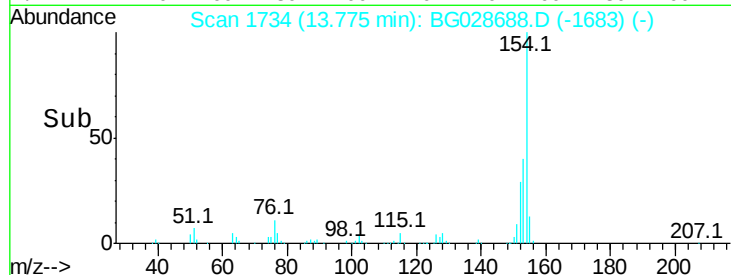


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B

Time-->



250000

200000

150000

100000

50000

0

13.70 13.75 13.80 13.85

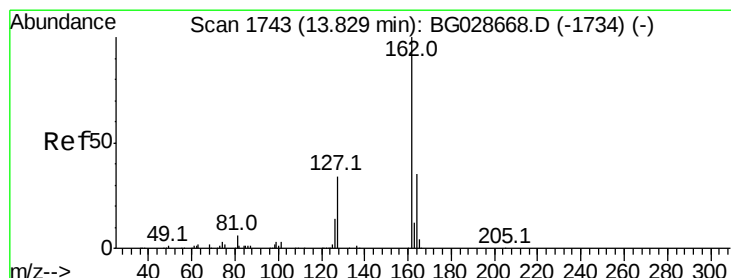
13.78

13.78

13.78

13.78

13.78



#46

2-Chloronaphthalene

Concen: 47.871 ng

RT: 13.83 min Scan# 1743

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

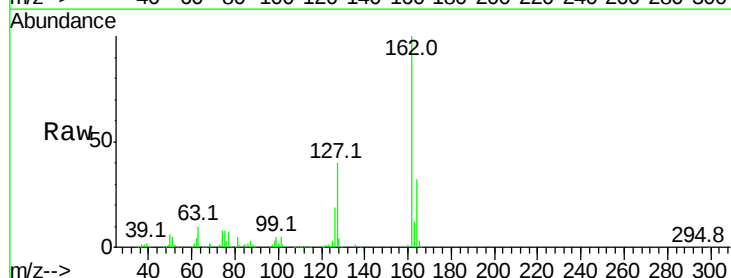
Tgt Ion:162 Resp: 284302

Ion Ratio Lower Upper

162 100

127 40.0 32.2 48.4

164 32.2 27.3 40.9

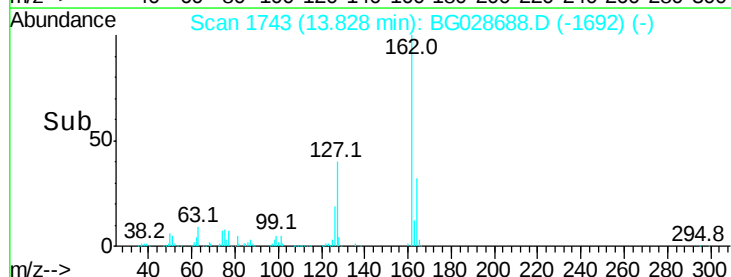


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



200000

150000

100000

50000

0

13.80 13.85 13.90

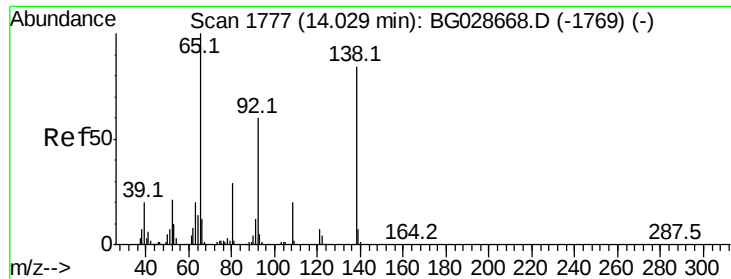
13.83

13.83

13.83

13.83

13.83



#47

2-Nitroaniline

Concen: 52.881 ng

RT: 14.03 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

Instrument :

BNA_G

ClientSampleId :

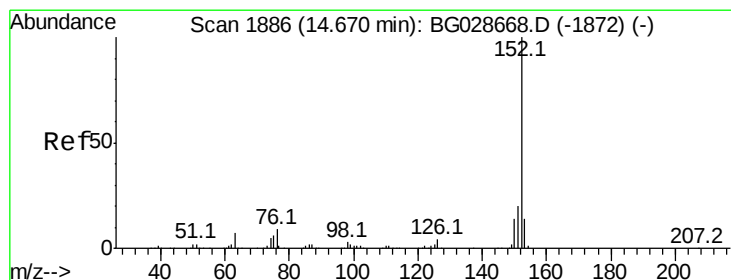
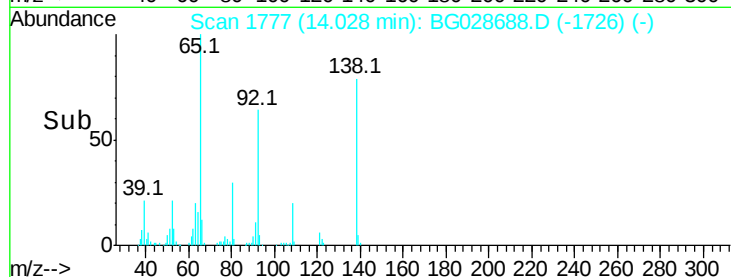
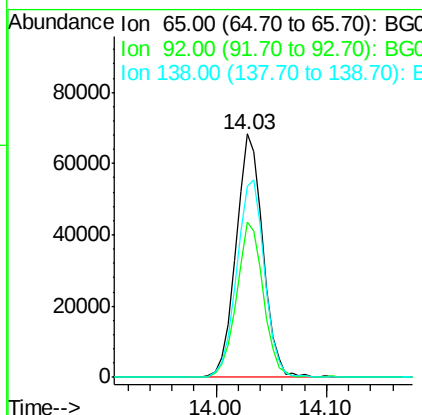
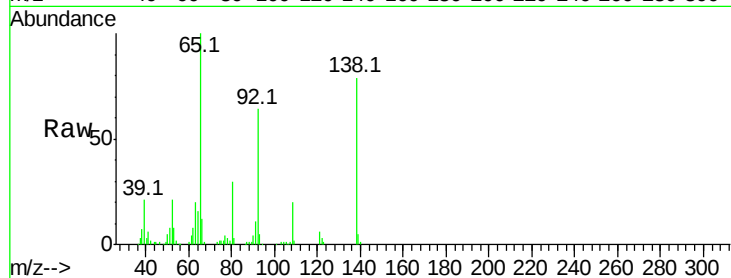
Tot Ion: 65 Resp: 116717

Ion Ratio Lower Upper

65 100

92 63.9 49.0 73.4

138 78.5 58.6 87.8



#48

Acenaphthylene

Concen: 48.454 ng

RT: 14.67 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

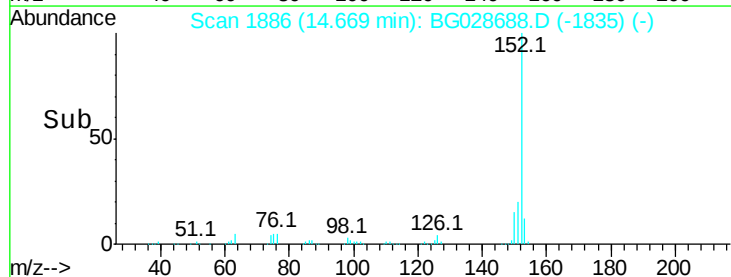
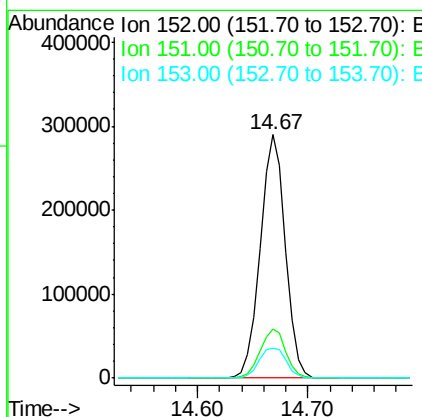
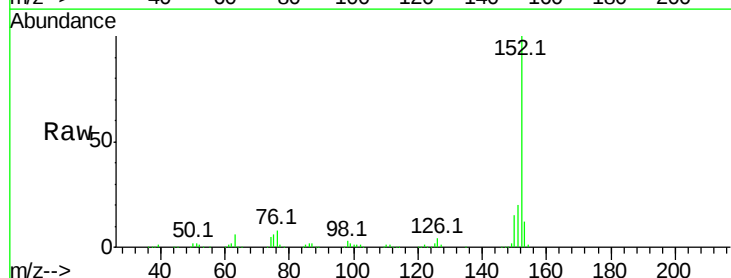
Tgt Ion: 152 Resp: 459733

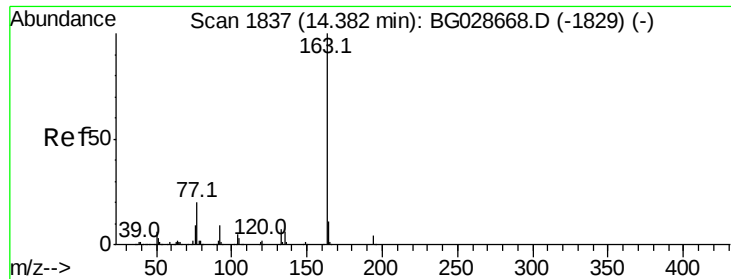
Ion Ratio Lower Upper

152 100

151 20.0 18.2 27.2

153 12.3 11.3 16.9





#49

Dimethylphthalate

Concen: 51.142 ng

RT: 14.39 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

Instrument :

BNA_G

ClientSampleId :

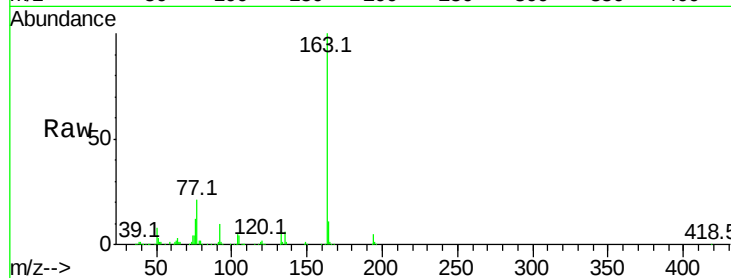
Tot Ion:163 Resp: 421742

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.6

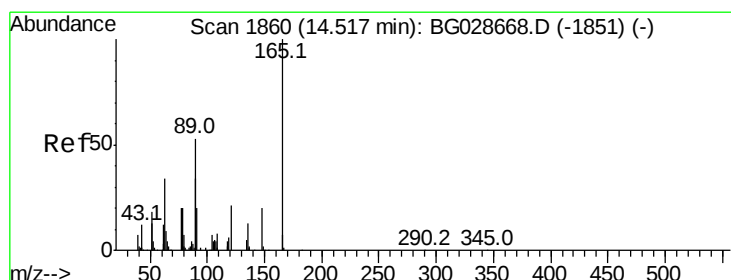
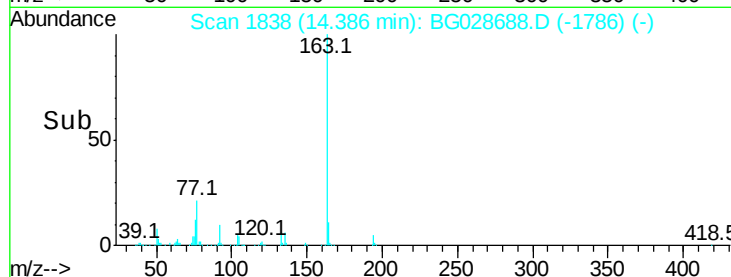
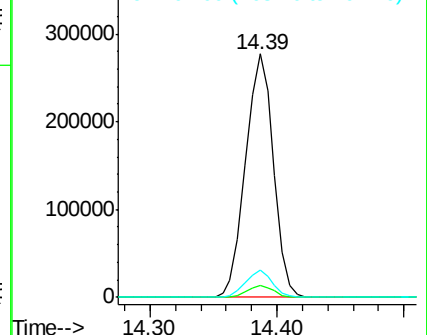
164 11.0 9.3 13.9



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: 53.356 ng

RT: 14.52 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

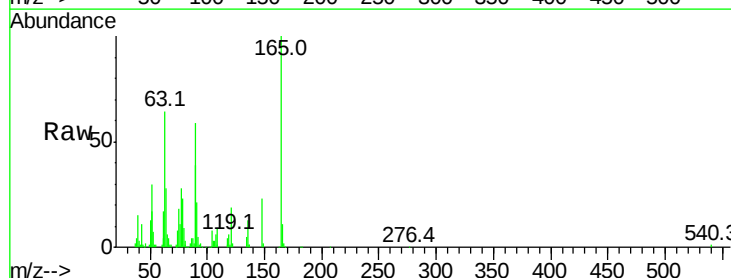
Tgt Ion:165 Resp: 97905

Ion Ratio Lower Upper

165 100

63 63.6 63.9 95.9#

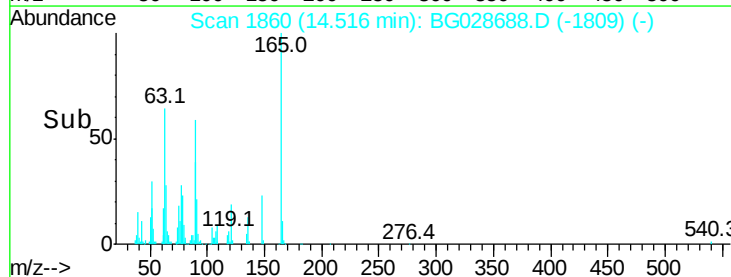
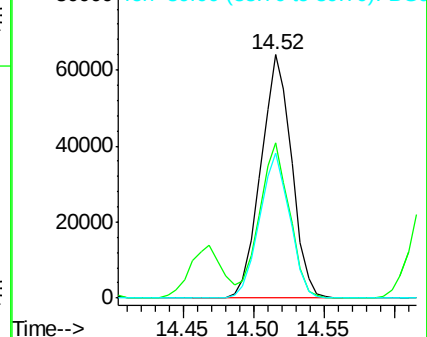
89 59.4 58.6 88.0

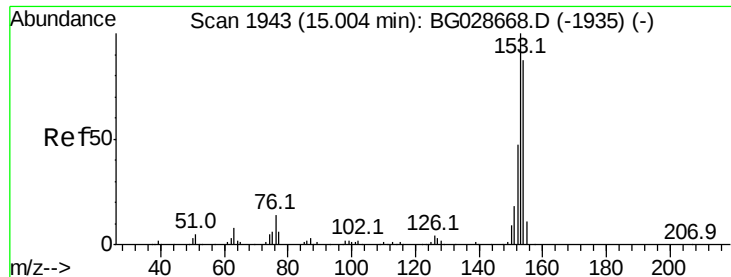


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 49.251 ng

RT: 15.01 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

Instrument :

BNA_G

ClientSampleId :

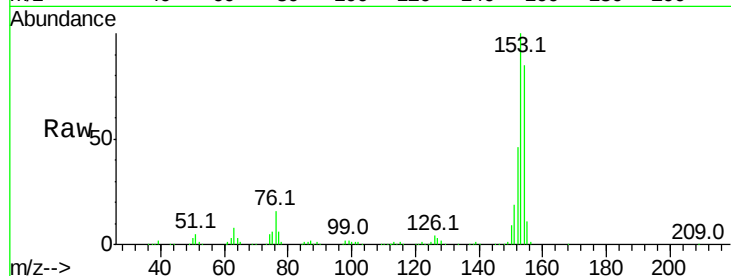
Tot Ion:154 Resp: 283867

Ion Ratio Lower Upper

154 100

153 117.2 87.8 131.6

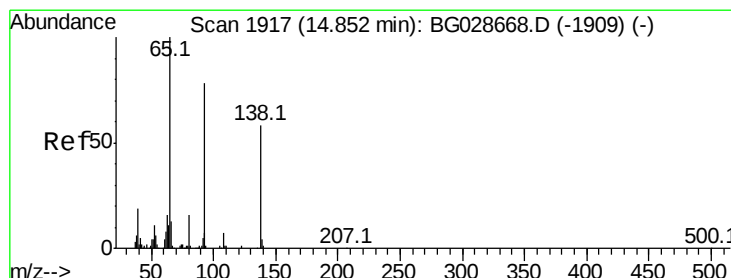
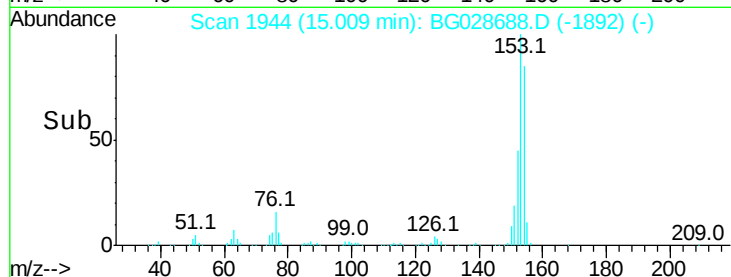
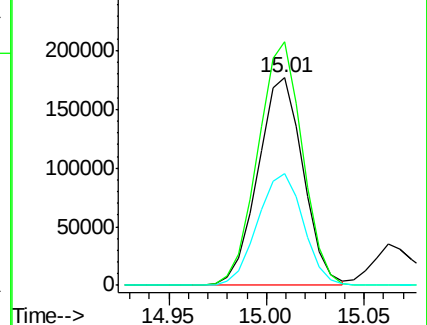
152 53.7 42.2 63.4



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: 35.168 ng

RT: 14.86 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

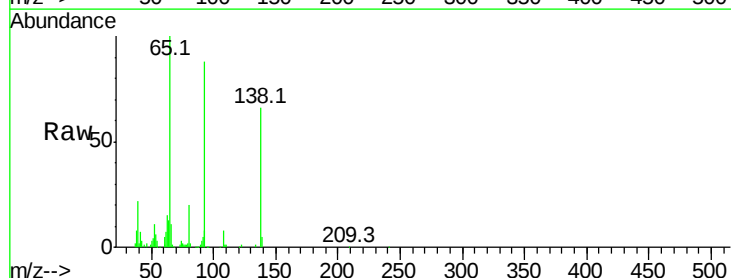
Tgt Ion:138 Resp: 57066

Ion Ratio Lower Upper

138 100

108 12.2 10.9 16.3

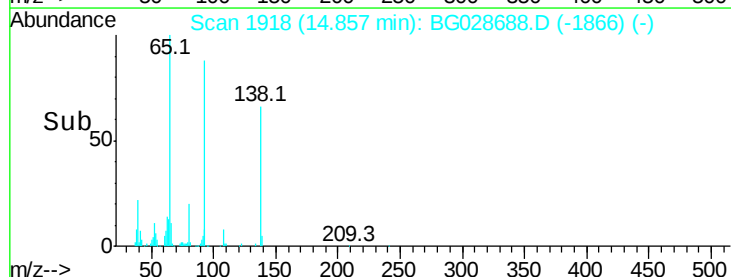
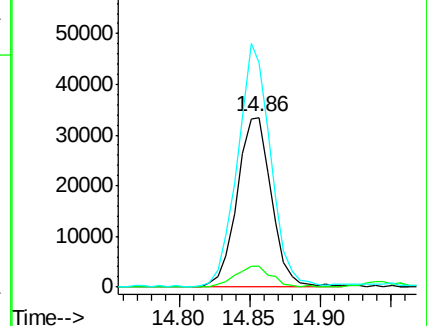
92 132.2 115.3 172.9

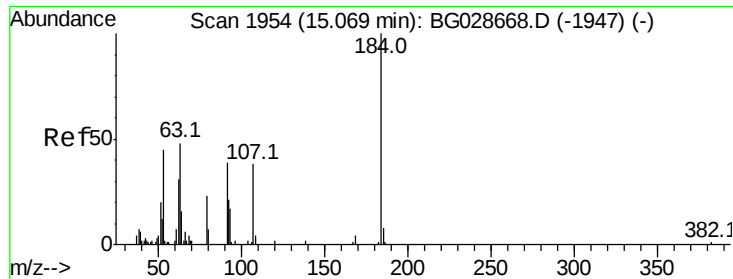


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

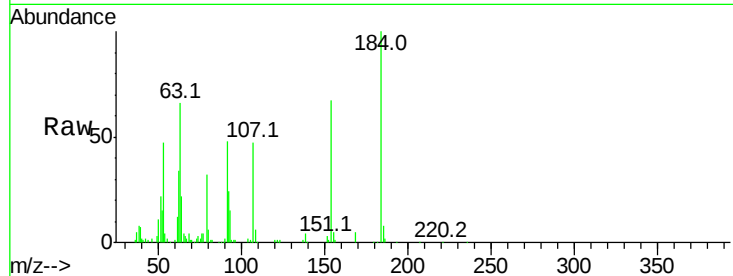




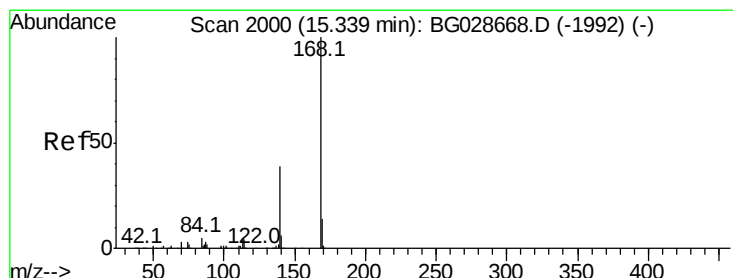
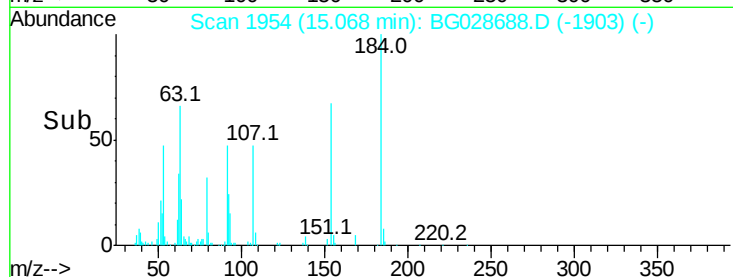
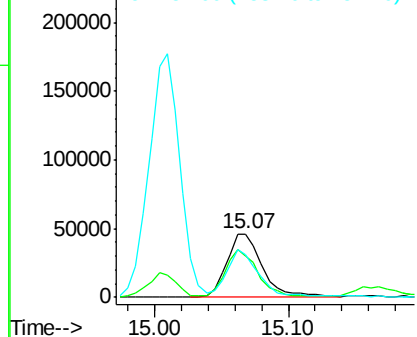
#53
2,4-Dinitrophenol
Concen: 88.269 ng
RT: 15.07 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG028688.D
Acq: 13 Sep 2017 3:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 86234
Ion Ratio Lower Upper
184 100
63 65.8 52.7 79.1
154 67.4 57.3 85.9

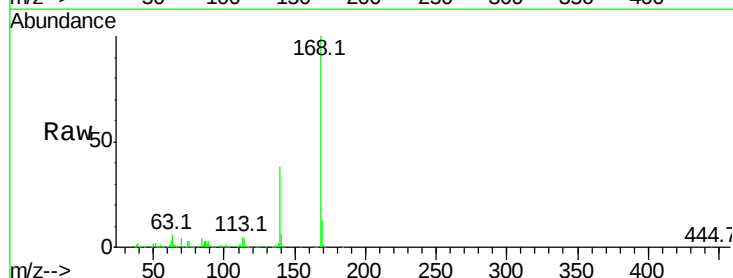


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

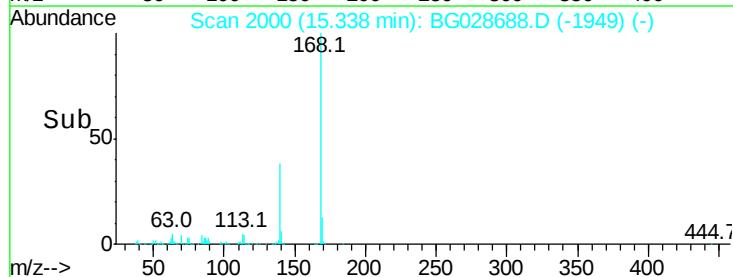
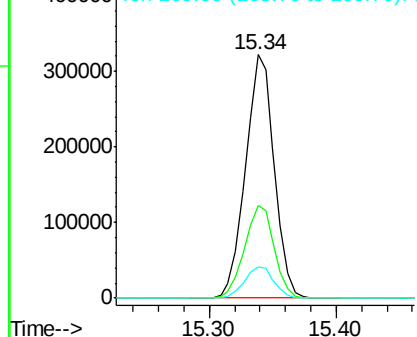


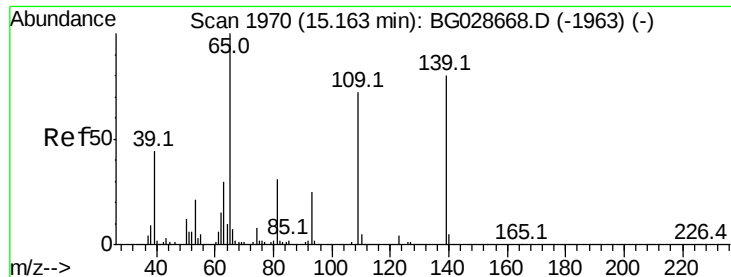
#54
Dibenzofuran
Concen: 54.708 ng
RT: 15.34 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BG028688.D
Acq: 13 Sep 2017 3:05

Tgt Ion:168 Resp: 502848
Ion Ratio Lower Upper
168 100
139 37.9 35.3 52.9
169 13.0 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: 35.926 ng

RT: 15.17 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

Instrument :

BNA_G

ClientSampleId :

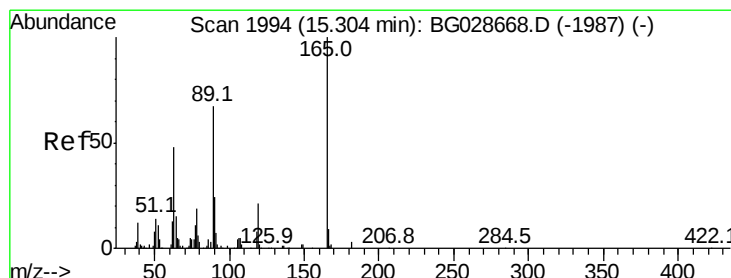
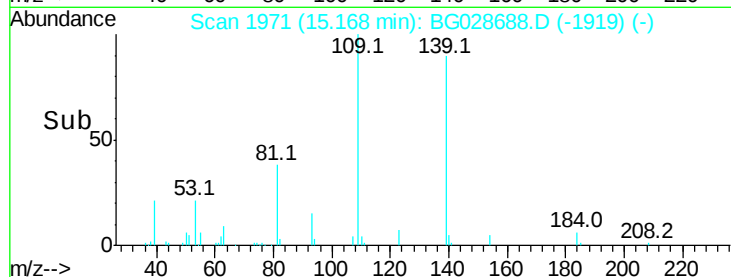
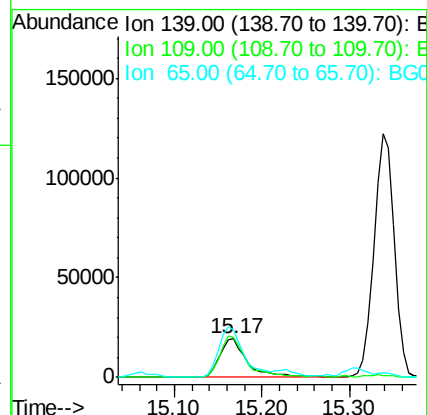
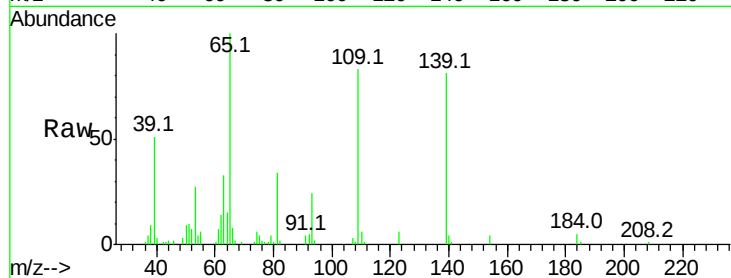
Tot Ion:139 Resp: 42711

Ion Ratio Lower Upper

139 100

109 103.2 101.2 141.2

65 124.2 135.3 175.3#



#56

2,4-Dinitrotoluene

Concen: 54.082 ng

RT: 15.31 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

Tgt Ion:165 Resp: 139535

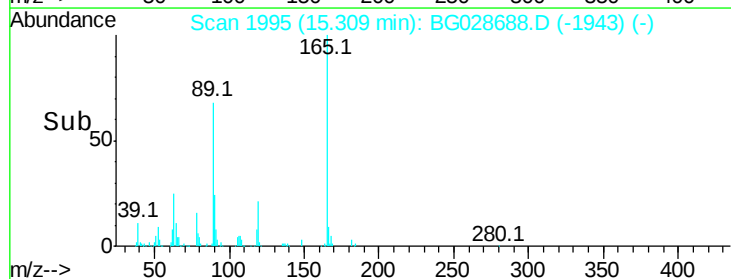
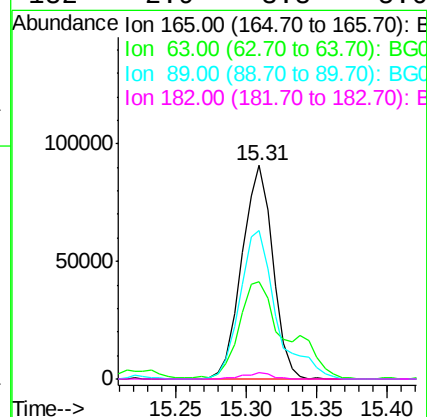
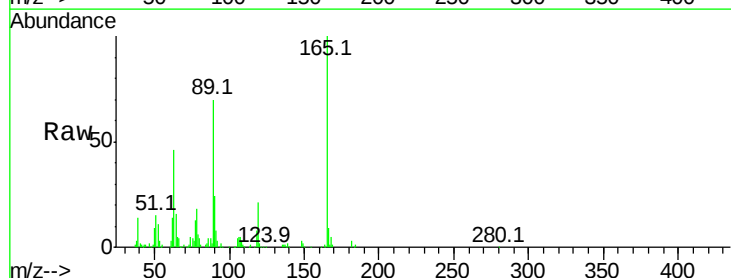
Ion Ratio Lower Upper

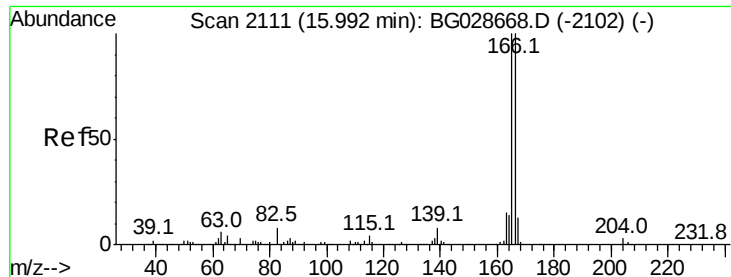
165 100

63 45.5 44.0 66.0

89 69.5 67.3 100.9

182 2.9 3.8 5.6#





#57

Fluorene

Concen: 52.159 ng

RT: 15.99 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

Instrument :

BNA_G

ClientSampleId :

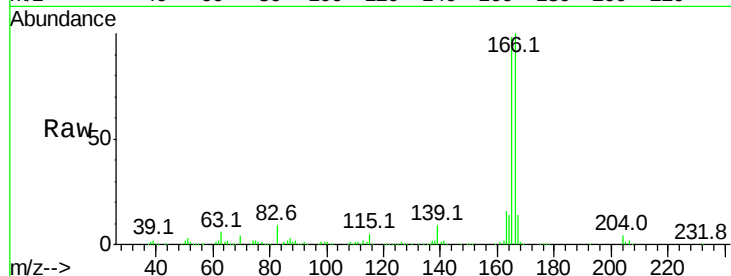
Tot Ion:166 Resp: 428008

Ion Ratio Lower Upper

166 100

165 98.0 78.6 117.8

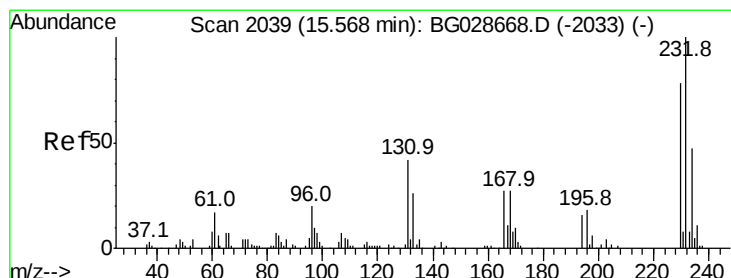
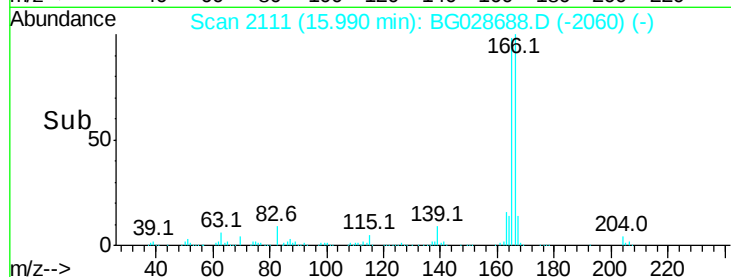
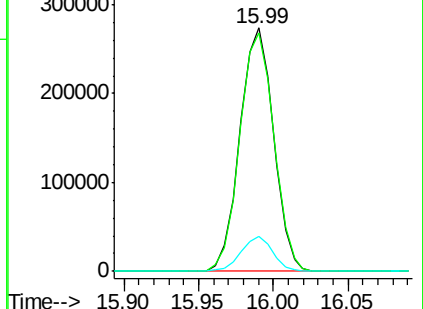
167 14.2 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.623 ng

RT: 15.57 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

Tgt Ion:232 Resp: 130965

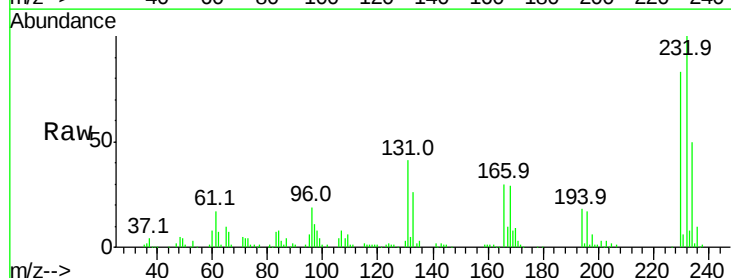
Ion Ratio Lower Upper

232 100

131 37.3 34.9 52.3

130 2.1 2.3 3.5#

166 27.5 24.2 36.4

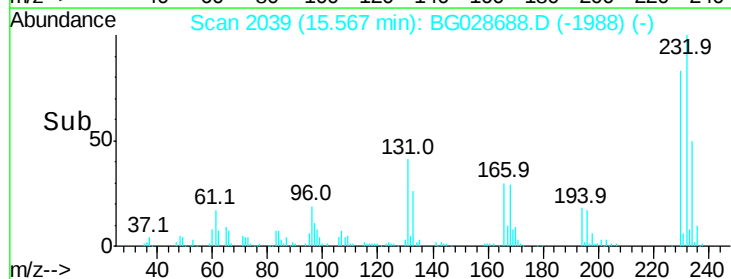
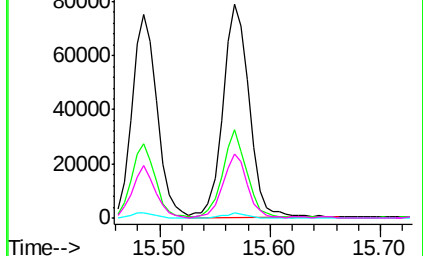


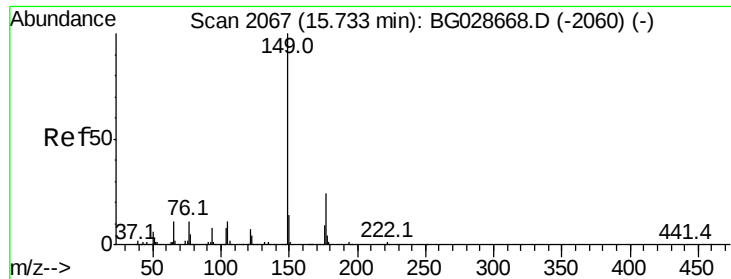
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 52.533 ng

RT: 15.74 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

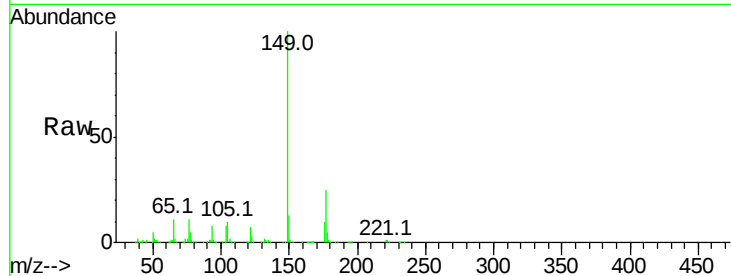
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 445195

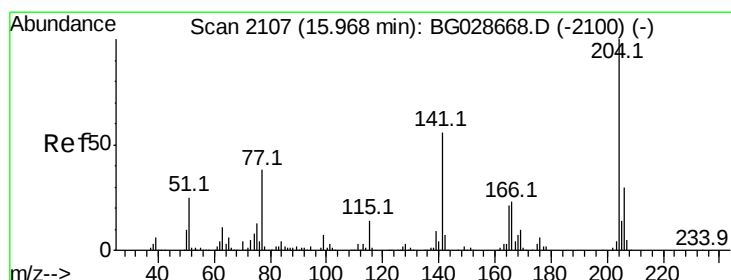
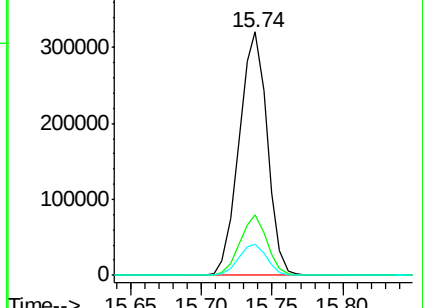
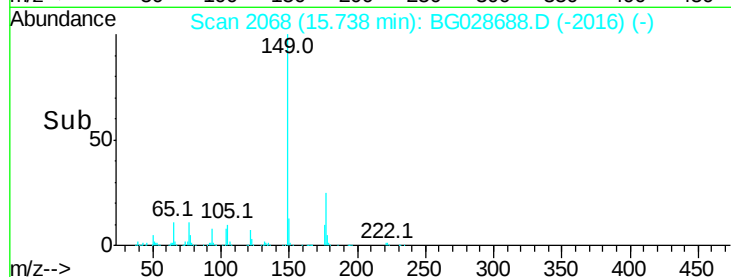
Ion	Ratio	Lower	Upper
149	100		
177	24.8	20.1	30.1
150	12.6	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 51.439 ng

RT: 15.97 min Scan# 2107

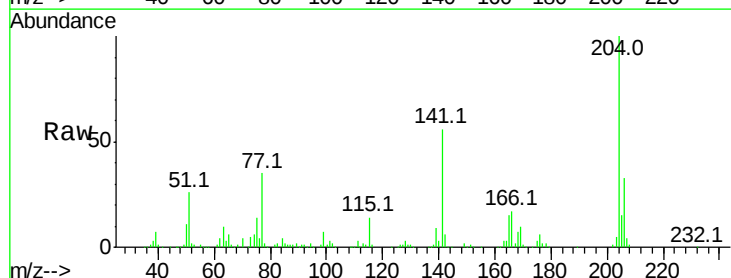
Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

Tgt Ion:204 Resp: 240351

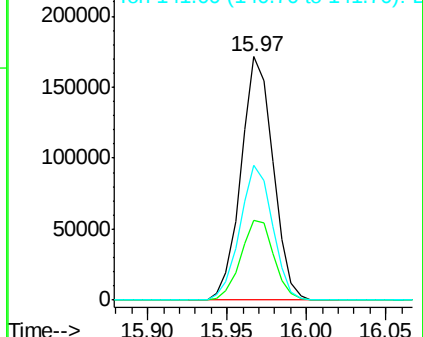
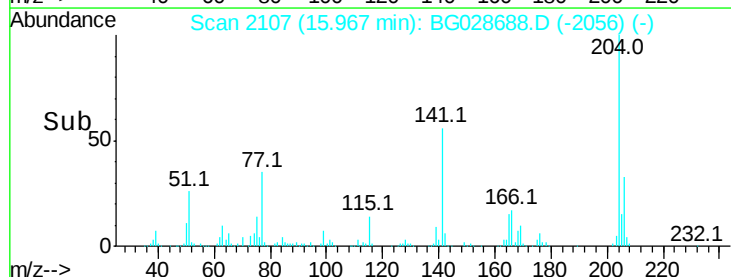
Ion	Ratio	Lower	Upper
204	100		
206	32.8	30.1	45.1
141	55.5	50.6	76.0

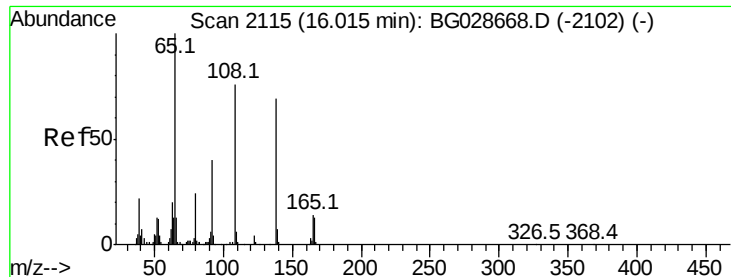


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

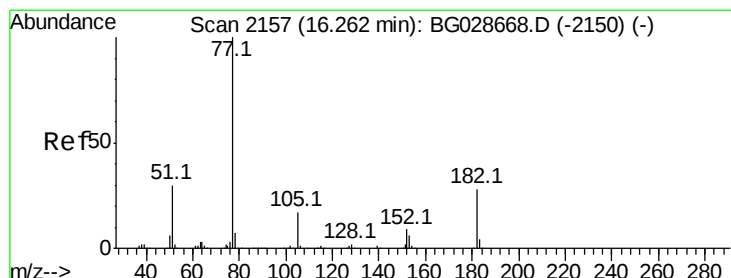
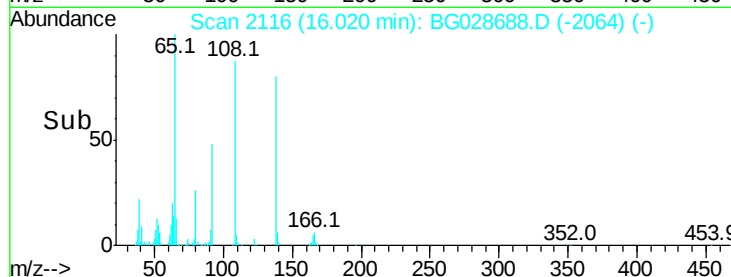
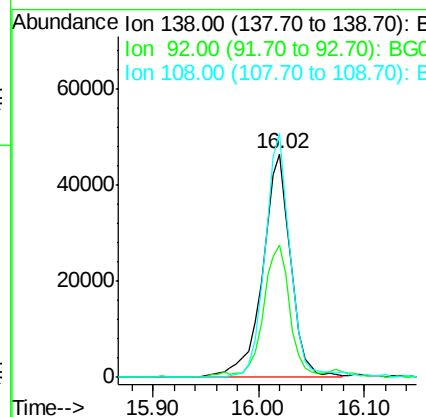
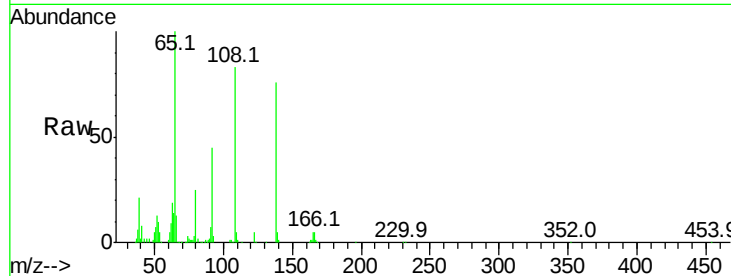




#61
4-Nitroaniline
Concen: 49.925 ng
RT: 16.02 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BG028688.D
Acq: 13 Sep 2017 3:05

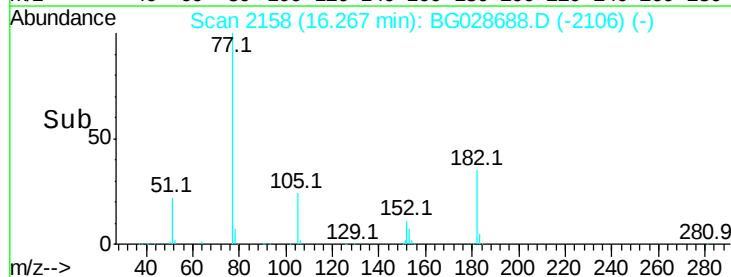
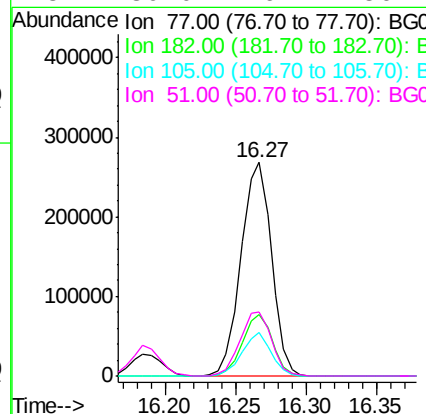
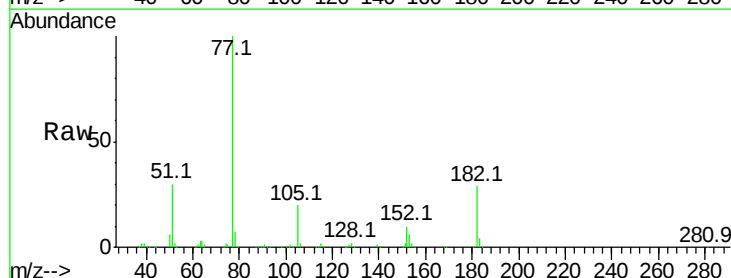
Instrument :
BNA_G
ClientSampleId :

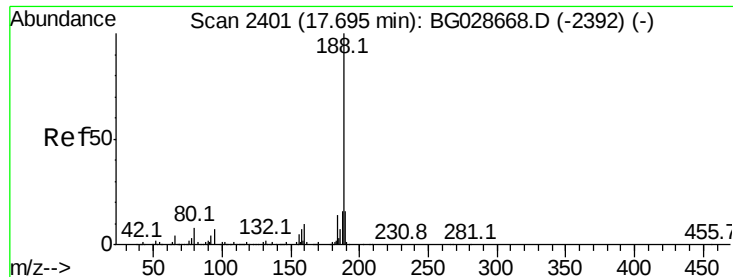
Tot Ion:138 Resp: 85825
Ion Ratio Lower Upper
138 100
92 59.4 44.2 84.2
108 109.1 104.8 144.8



#62
Azobenzene
Concen: 56.767 ng
RT: 16.27 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BG028688.D
Acq: 13 Sep 2017 3:05

Tgt Ion: 77 Resp: 404596
Ion Ratio Lower Upper
77 100
182 28.9 4.7 44.7
105 20.1 0.0 36.3
51 30.0 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

Instrument :

BNA_G

ClientSampleId :

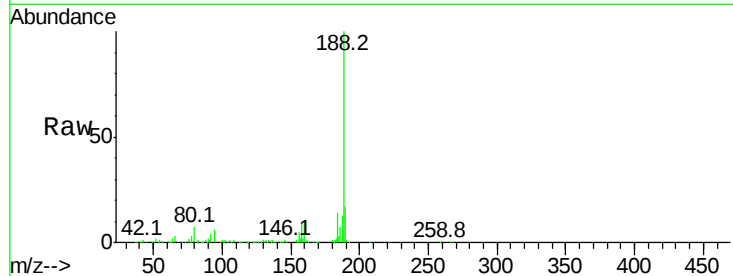
Tot Ion:188 Resp: 259861

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.8

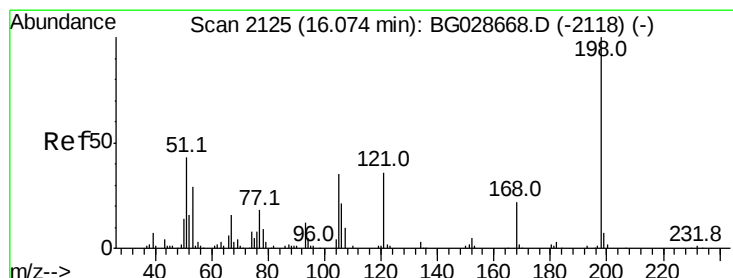
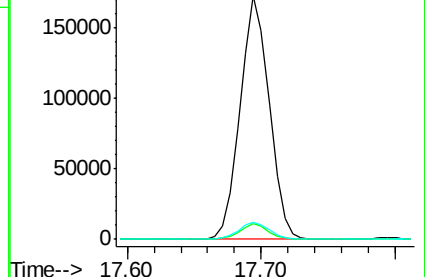
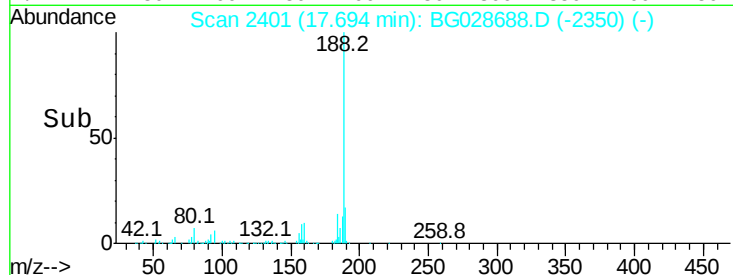
80 7.0 7.5 11.3#



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: 45.476 ng

RT: 16.08 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

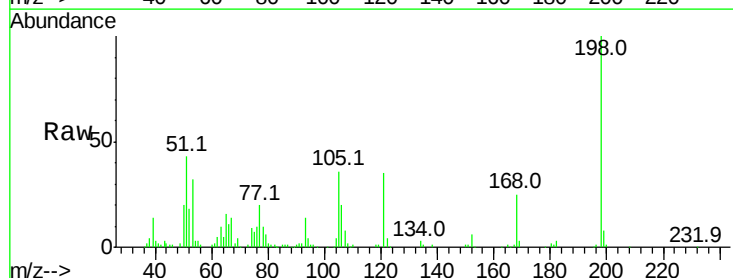
Tgt Ion:198 Resp: 76253

Ion Ratio Lower Upper

198 100

51 43.0 22.6 62.6

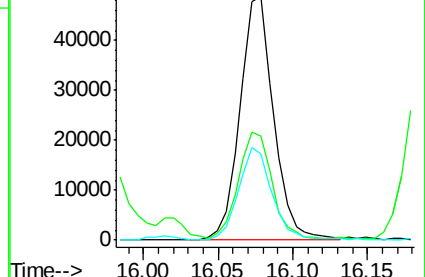
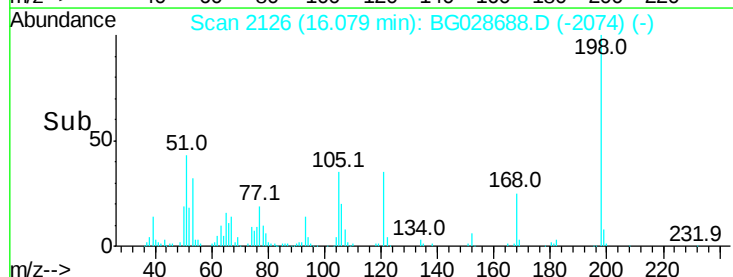
105 35.6 14.4 54.4

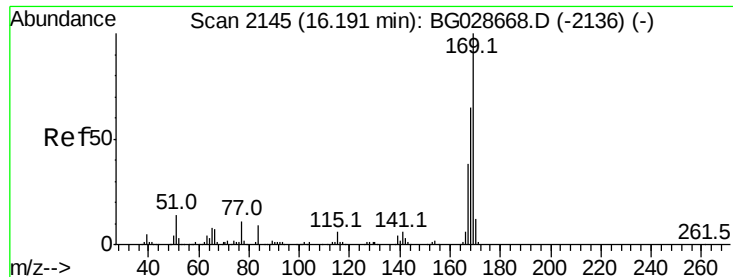


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 49.063 ng

RT: 16.19 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

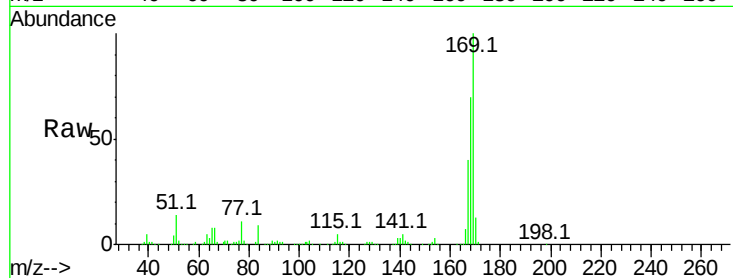
Instrument :

BNA_G

ClientSampleId :

Tot Ion:169 Resp: 365485

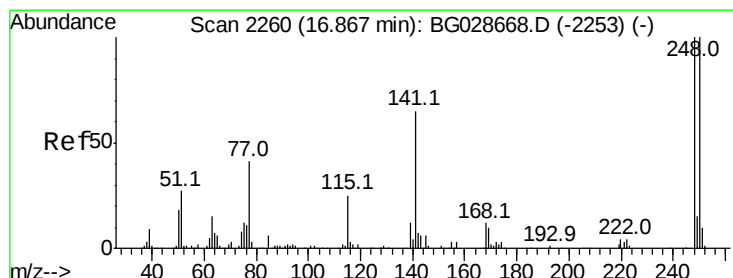
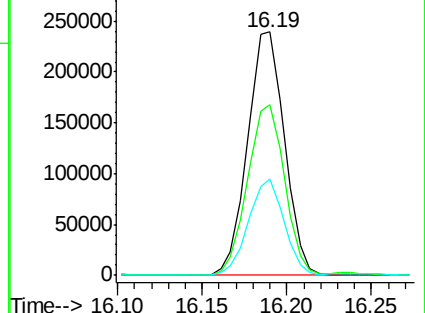
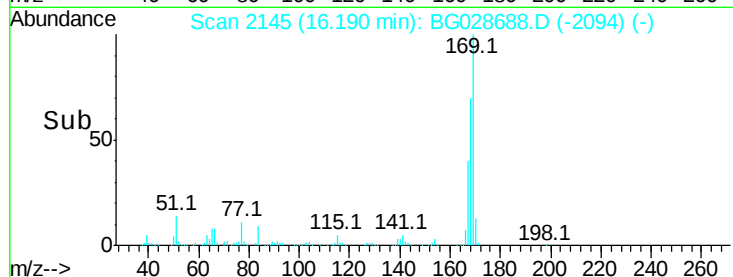
Ion	Ratio	Lower	Upper
169	100		
168	70.2	55.7	83.5
167	39.5	29.8	44.6



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: 51.537 ng

RT: 16.87 min Scan# 2260

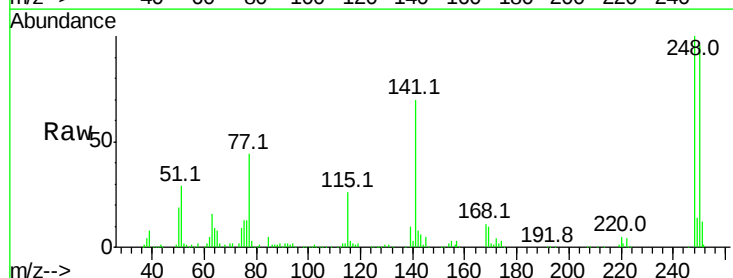
Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

Tgt Ion:248 Resp: 172325

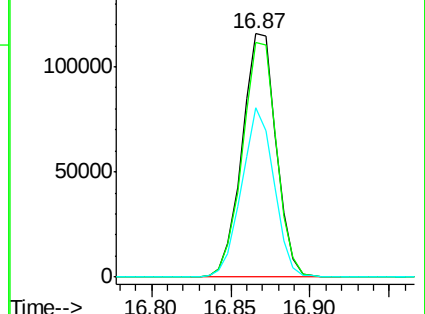
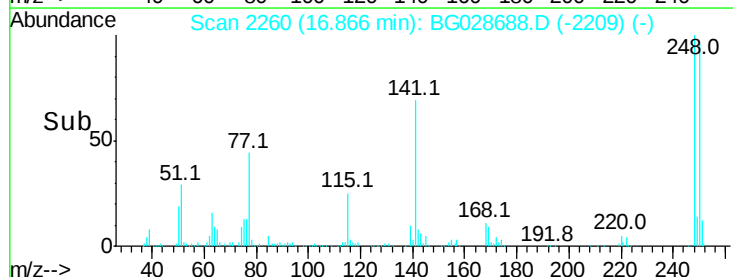
Ion	Ratio	Lower	Upper
248	100		
250	96.3	75.0	112.6
141	69.5	55.2	82.8

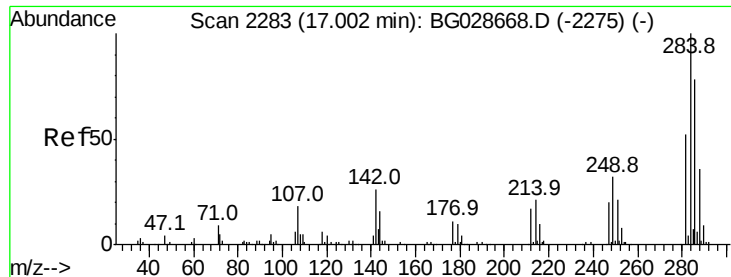


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

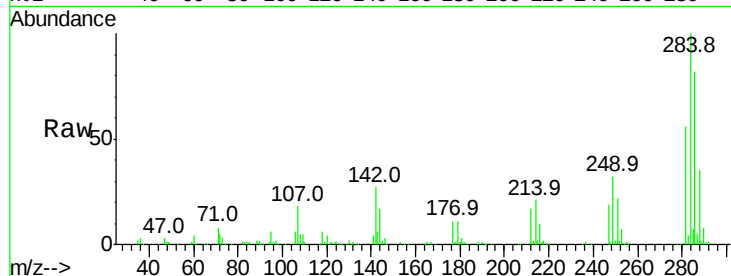




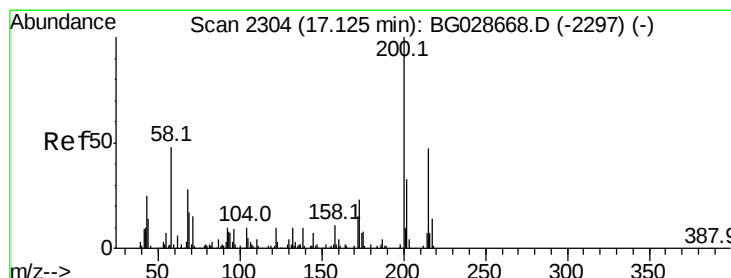
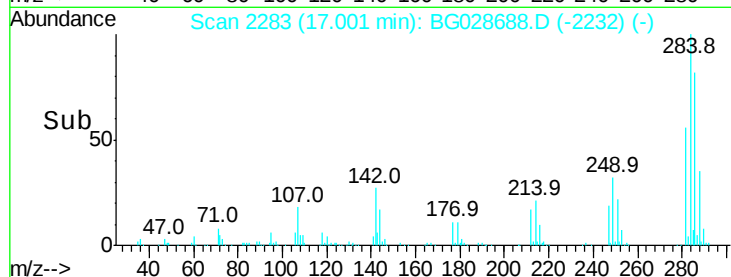
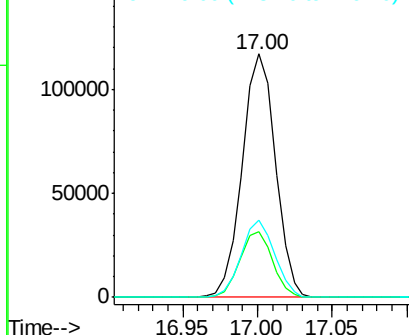
#67
Hexachlorobenzene
Concen: 47.303 ng
RT: 17.00 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BG028688.D
Acq: 13 Sep 2017 3:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	26.8	29.9	44.9#
249	31.9	29.2	43.8

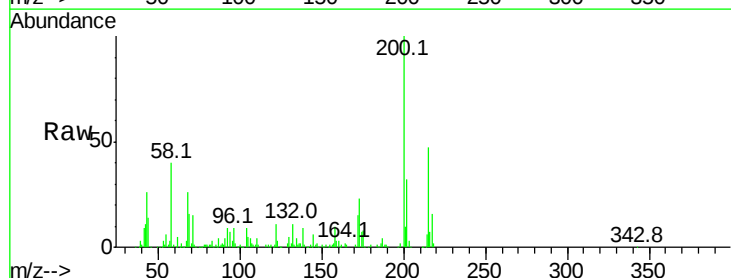


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

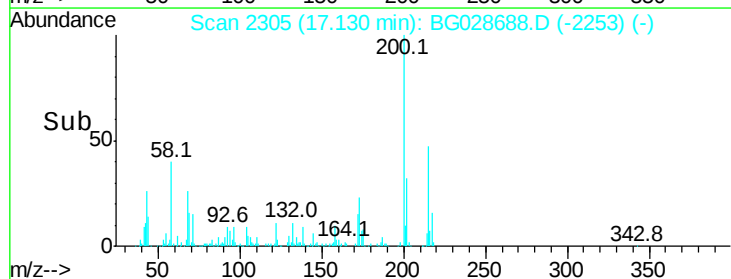
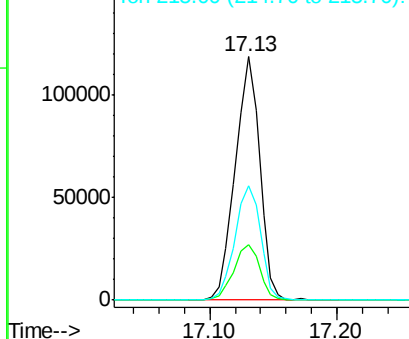


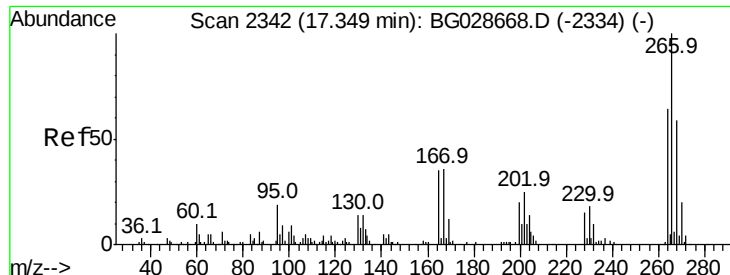
#68
Atrazine
Concen: 49.627 ng
RT: 17.13 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG028688.D
Acq: 13 Sep 2017 3:05

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.5	3.0	43.0
215	47.2	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: 95.438 ng

RT: 17.35 min Scan# 2342

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

Instrument :

BNA_G

ClientSampleId :

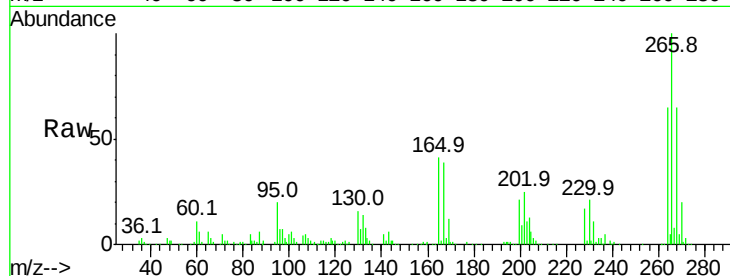
Tot Ion:266 Resp: 164102

Ion Ratio Lower Upper

266 100

268 64.9 48.6 72.8

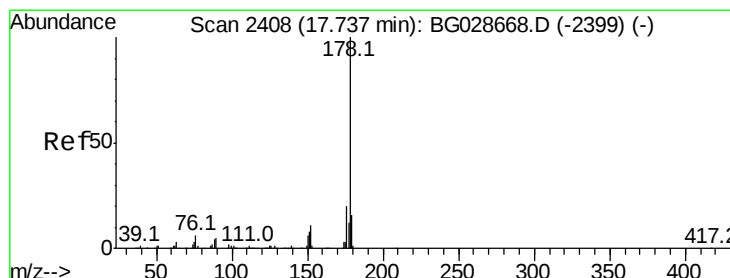
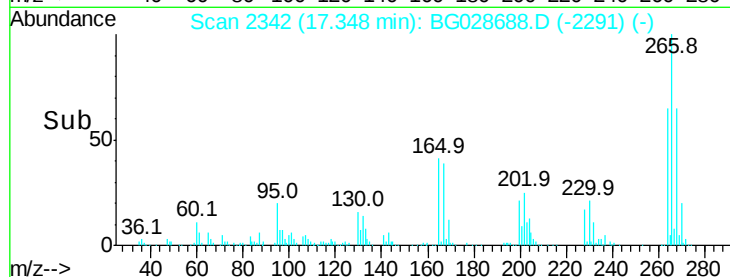
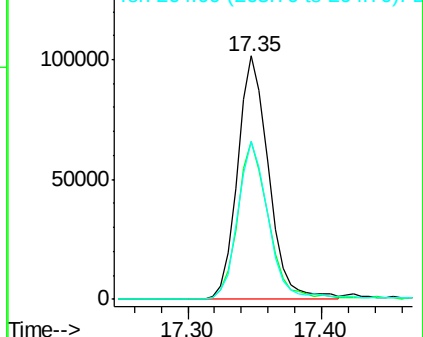
264 64.8 50.1 75.1



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 52.424 ng

RT: 17.74 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

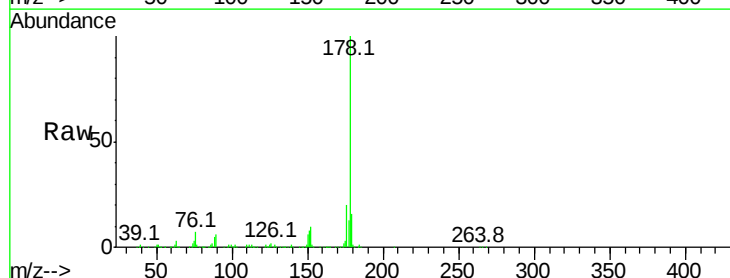
Tgt Ion:178 Resp: 696647

Ion Ratio Lower Upper

178 100

176 19.6 17.7 26.5

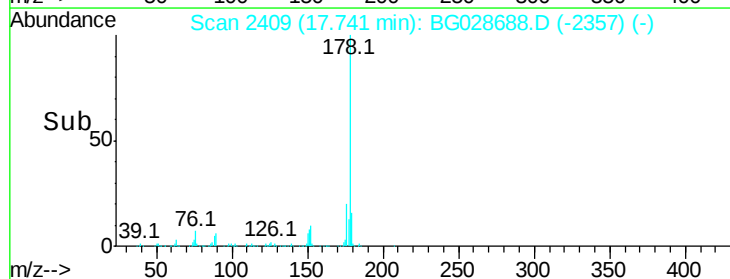
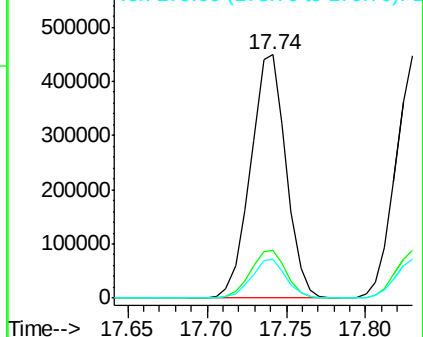
179 15.8 15.0 22.6

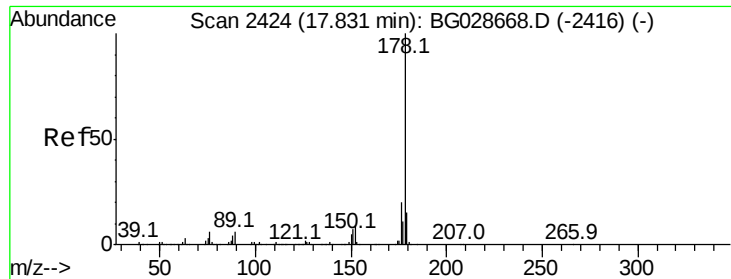


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

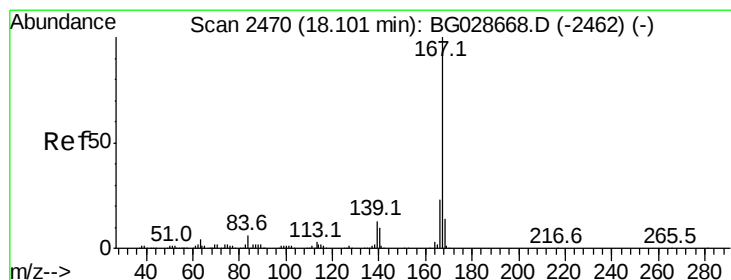
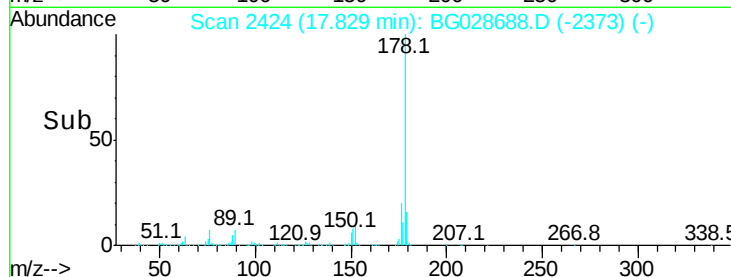
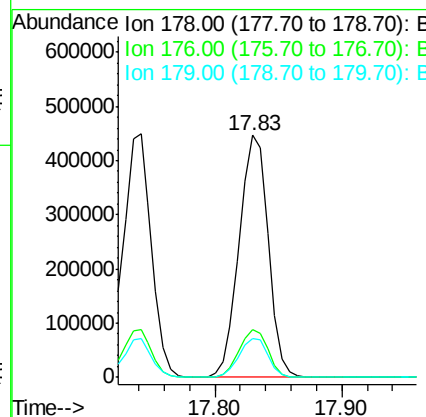
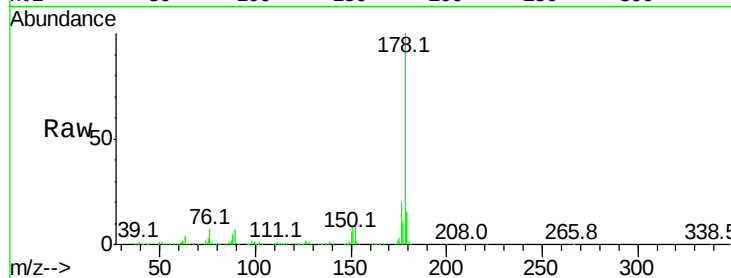




#71
 Anthracene
 Concen: 52.463 ng
 RT: 17.83 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG028688.D
 Acq: 13 Sep 2017 3:05

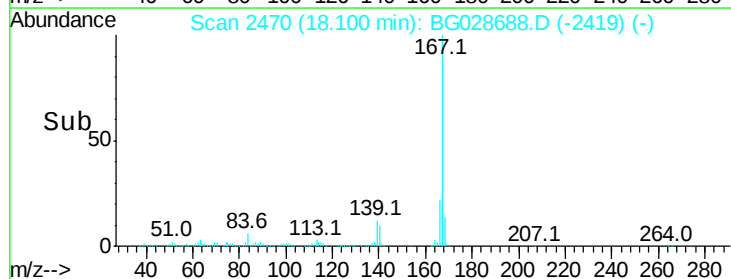
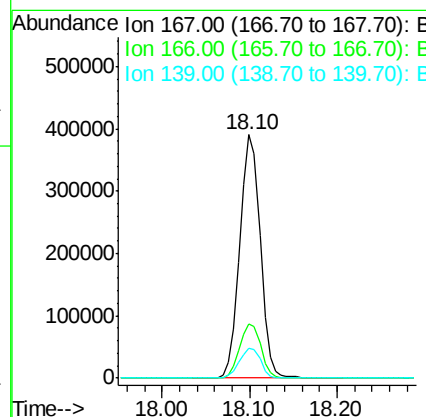
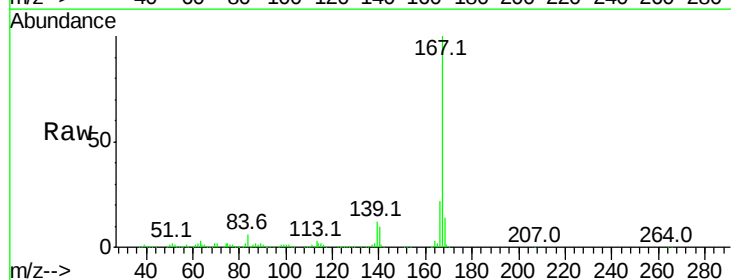
Instrument :
 BNA_G
 ClientSampleId :

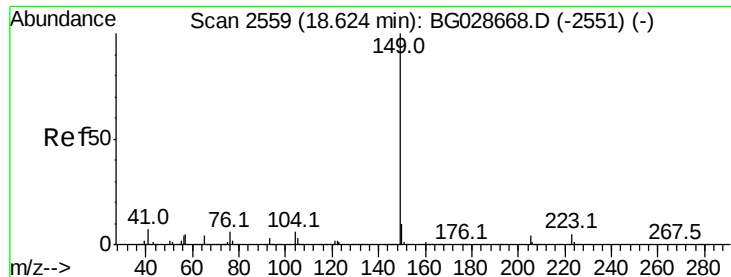
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.4	24.6
179	16.3	13.8	20.8



#72
 Carbazole
 Concen: 50.970 ng
 RT: 18.10 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BG028688.D
 Acq: 13 Sep 2017 3:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	20.2	30.2
139	12.4	12.8	19.2#





#73

Di-n-butylphthalate

Concen: 50.382 ng

RT: 18.62 min Scan# 2559

Delta R.T. -0.00 min

Lab File: BG028688.D

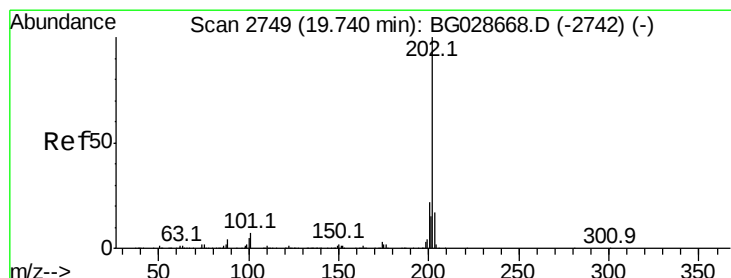
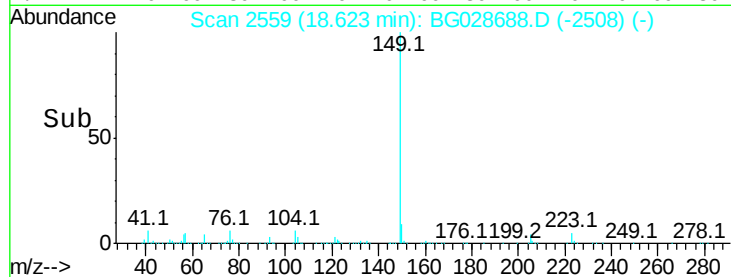
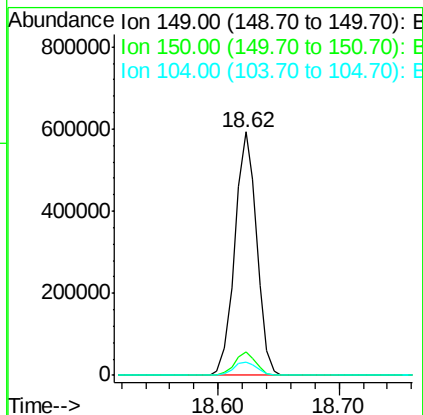
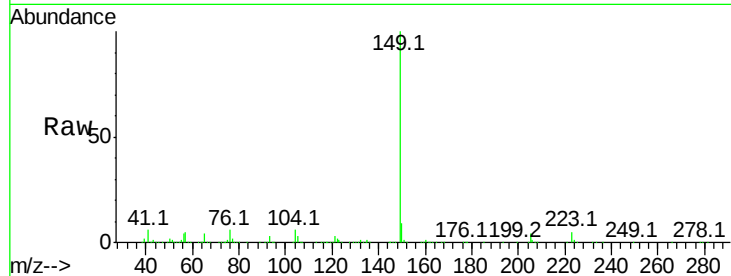
Acq: 13 Sep 2017 3:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	149	Resp:	746882
Ion Ratio	Lower	Upper	
149	100		
150	9.5	9.1	13.7
104	5.5	6.7	10.1#



#74

Fluoranthene

Concen: 52.956 ng

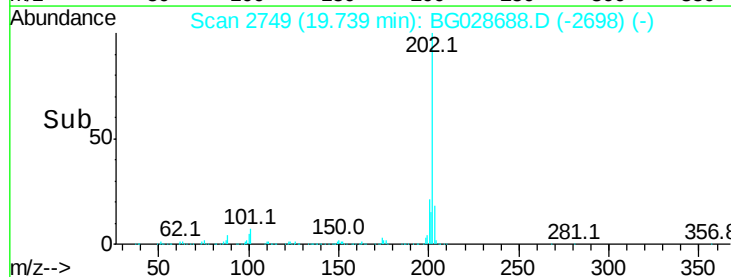
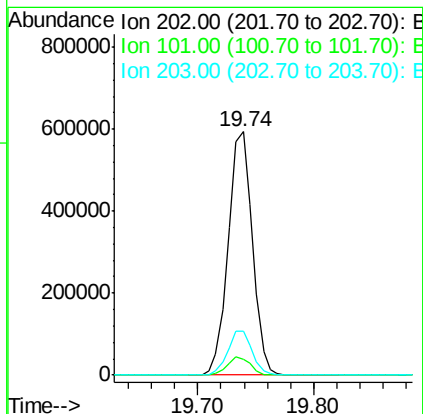
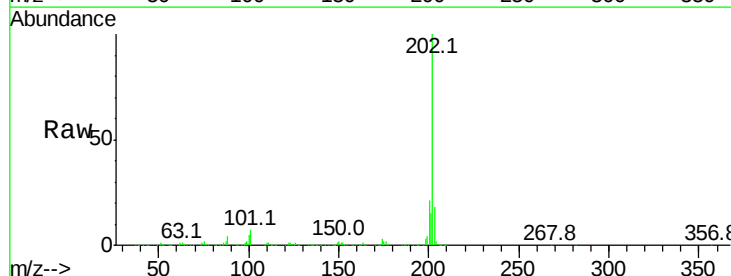
RT: 19.74 min Scan# 2749

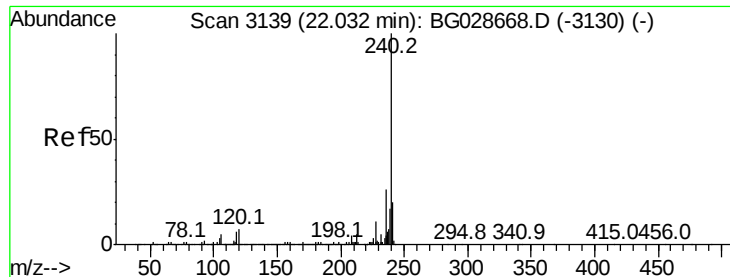
Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

Tgt Ion:	202	Resp:	859256
Ion Ratio	Lower	Upper	
202	100		
101	6.7	0.0	30.1
203	17.8	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: BG028688.D

Acq: 13 Sep 2017 3:05

Instrument :

BNA_G

ClientSampleId :

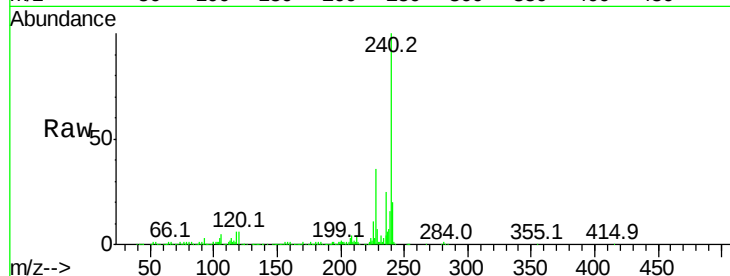
Tot Ion:240 Resp: 298237

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

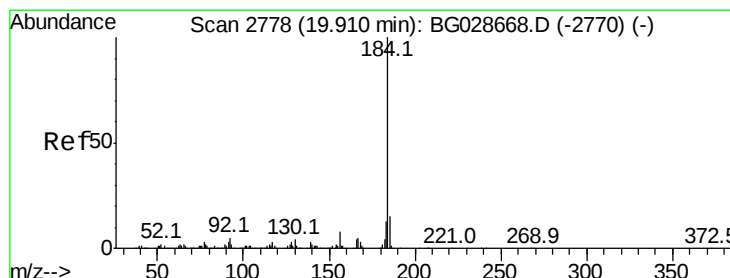
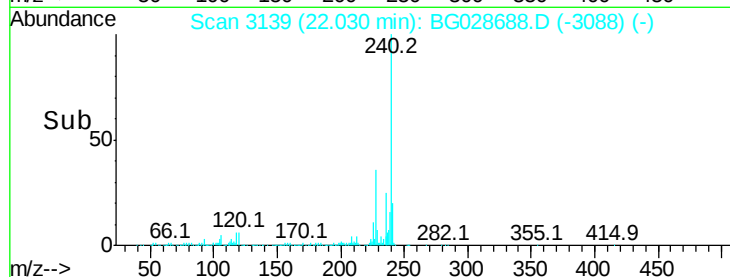
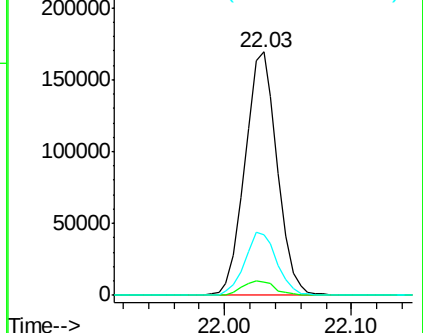
236 25.1 22.2 33.4



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: 25.252 ng

RT: 19.91 min Scan# 2778

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

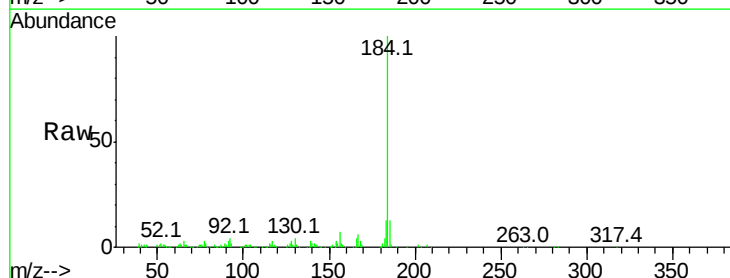
Tgt Ion:184 Resp: 195295

Ion Ratio Lower Upper

184 100

185 13.2 13.0 19.6

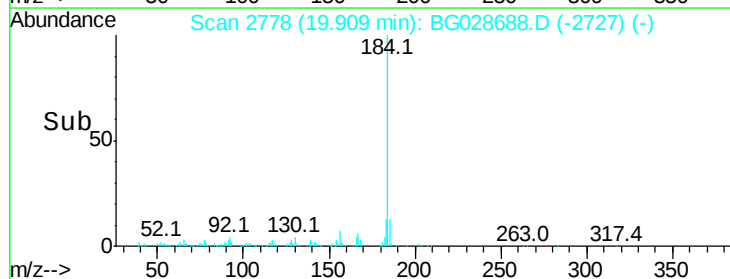
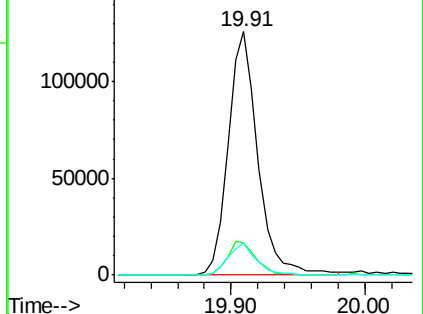
183 13.3 11.0 16.6

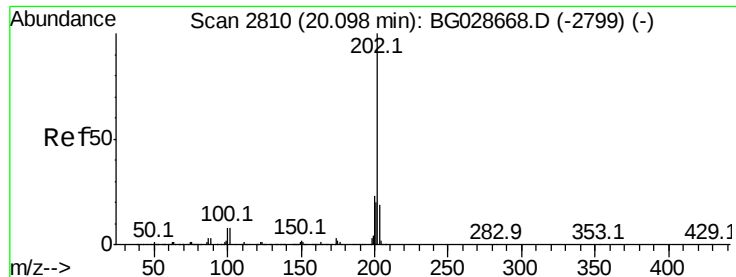


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 51.289 ng

RT: 20.10 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

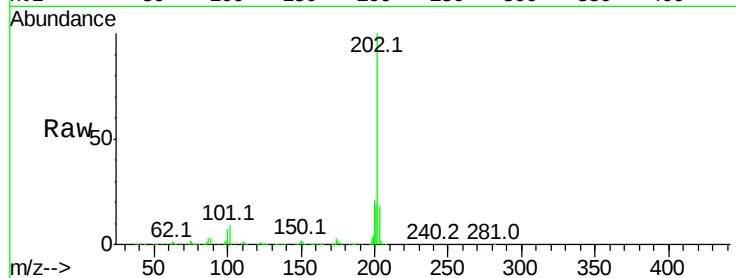
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 882295

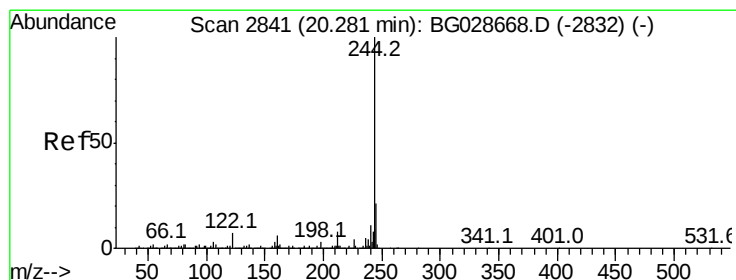
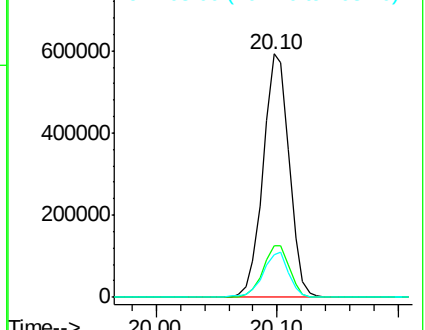
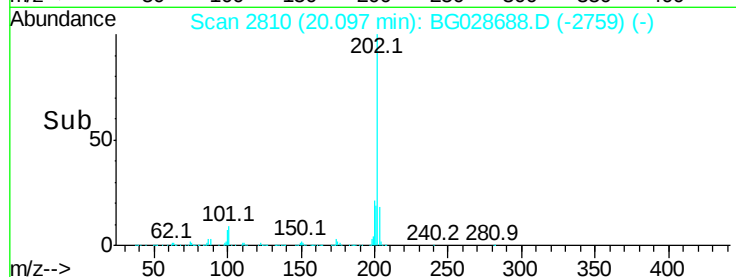
Ion	Ratio	Lower	Upper
202	100		
200	21.1	19.6	29.4
203	17.8	15.8	23.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 95.624 ng

RT: 20.28 min Scan# 2841

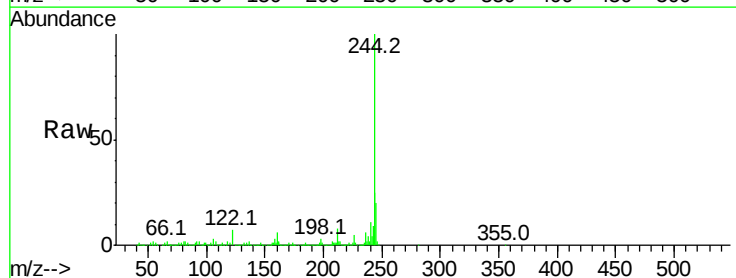
Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

Tgt Ion:244 Resp: 1337293

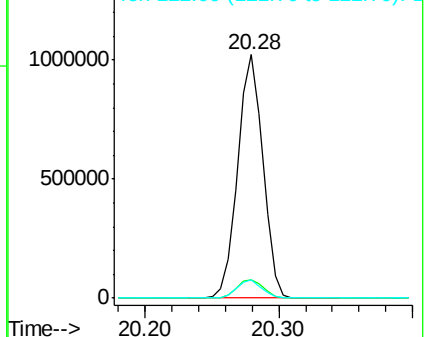
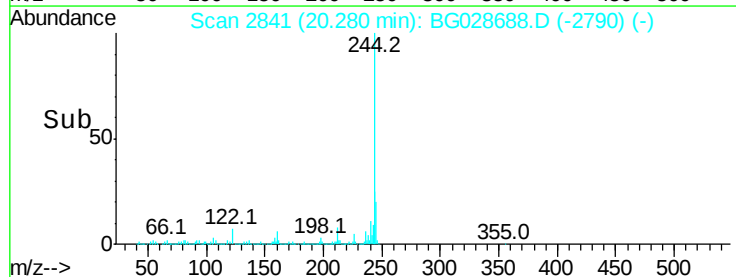
Ion	Ratio	Lower	Upper
244	100		
212	7.8	10.0	15.0#
122	7.4	8.6	12.8#

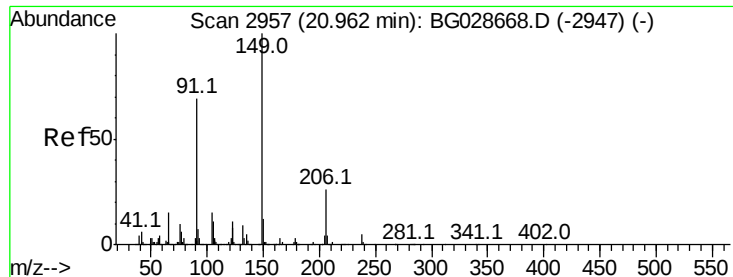


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 50.315 ng

RT: 20.96 min Scan# 2957

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

Instrument :

BNA_G

ClientSampleId :

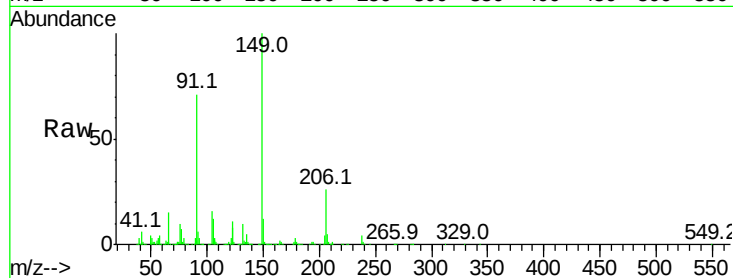
Tot Ion:149 Resp: 349561

Ion Ratio Lower Upper

149 100

91 70.7 63.5 95.3

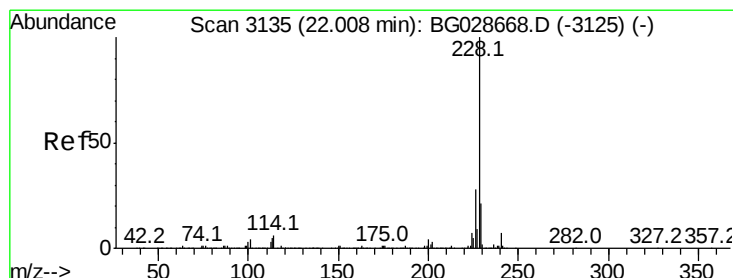
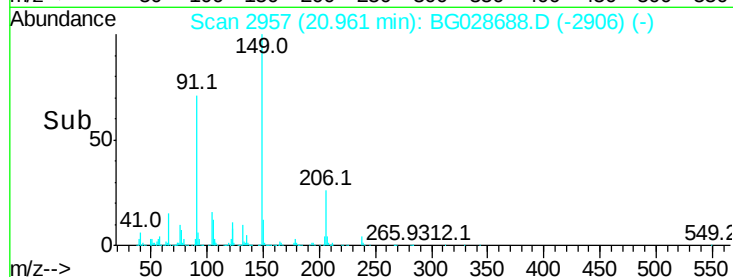
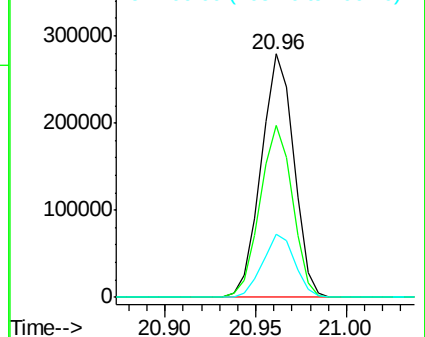
206 25.8 21.0 31.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 51.226 ng

RT: 22.01 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

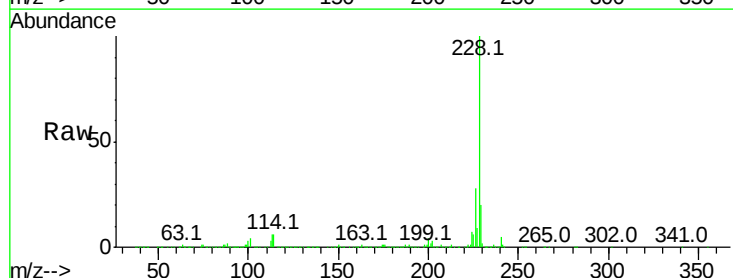
Tgt Ion:228 Resp: 919594

Ion Ratio Lower Upper

228 100

226 28.3 24.9 37.3

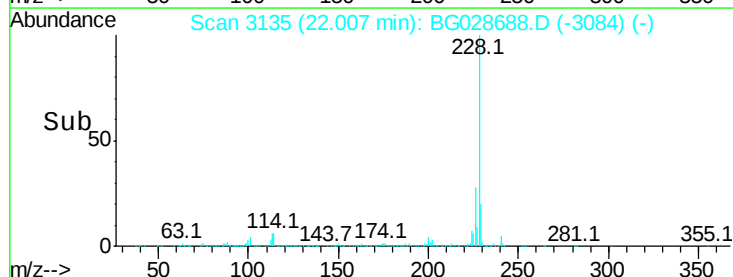
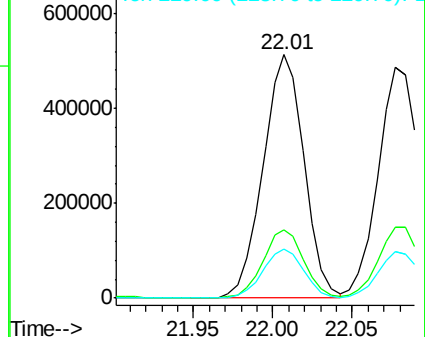
229 19.9 18.2 27.2

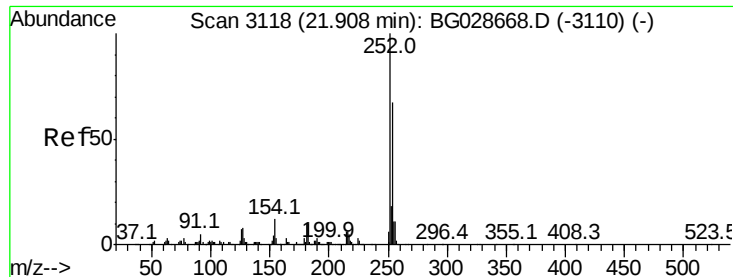


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

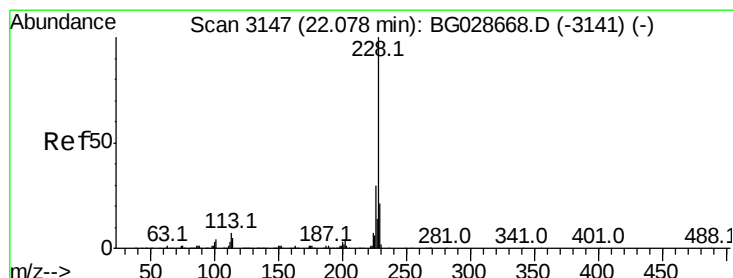
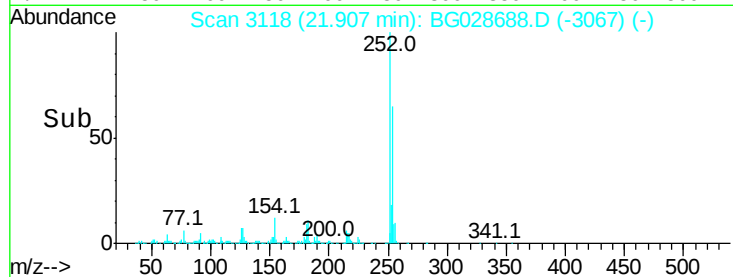
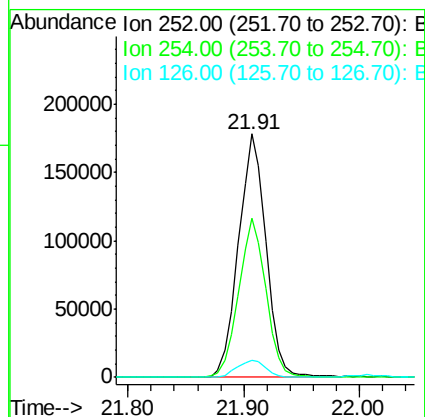
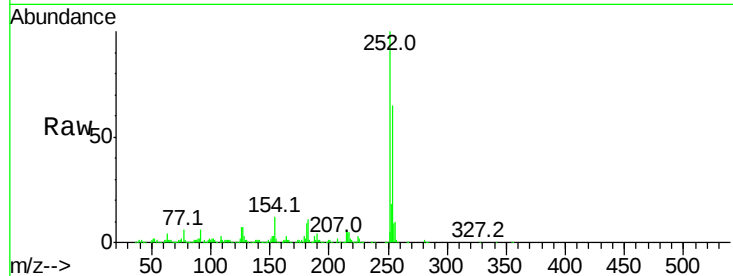




#81
 3,3'-Dichlorobenzidine
 Concen: 40.490 ng
 RT: 21.91 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: BG028688.D
 Acq: 13 Sep 2017 3:05

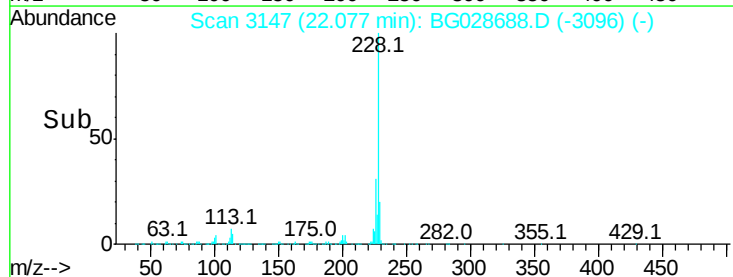
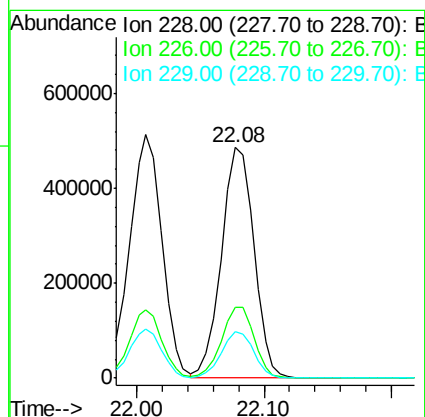
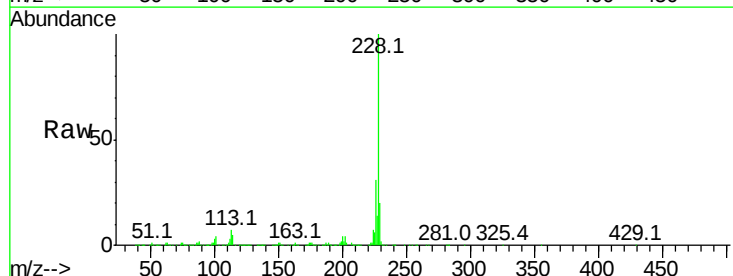
Instrument :
 BNA_G
 ClientSampleId :

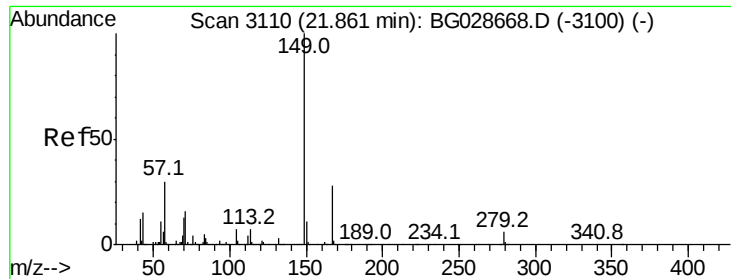
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	53.1	79.7
126	7.1	7.0	10.4



#82
 Chrysene
 Concen: 50.740 ng
 RT: 22.08 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG028688.D
 Acq: 13 Sep 2017 3:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	27.0	40.4
229	20.3	17.8	26.6

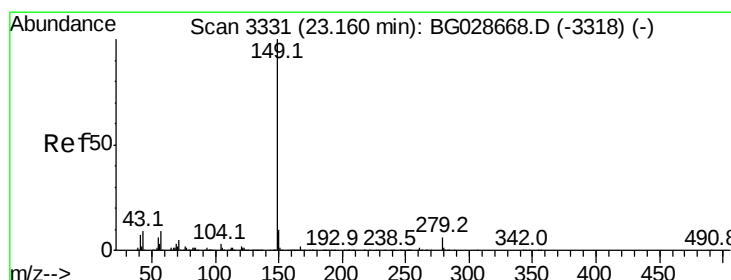
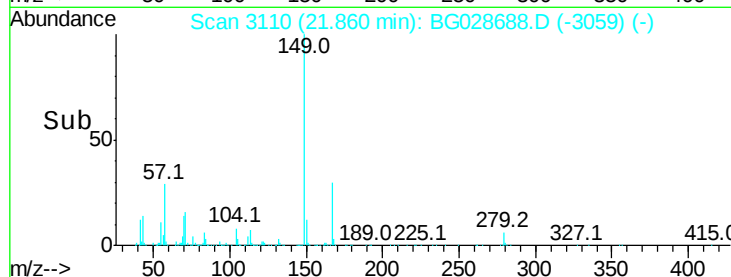
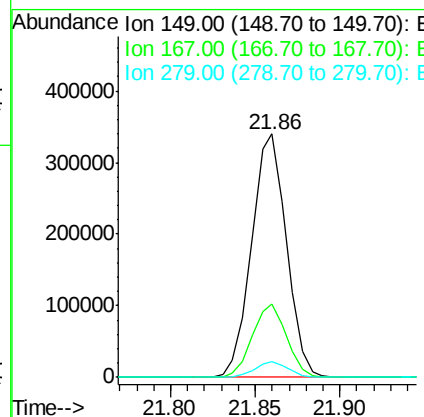
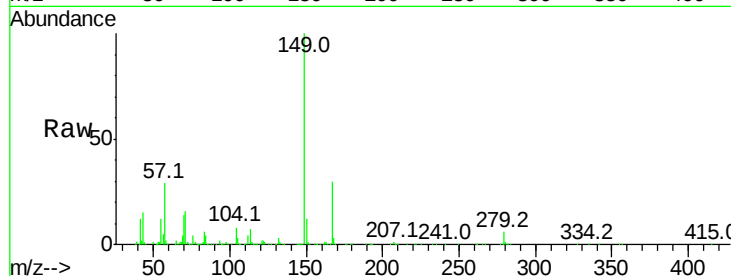




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.243 ng
 RT: 21.86 min Scan# 3110
 Delta R.T. -0.00 min
 Lab File: BG028688.D
 Acq: 13 Sep 2017 3:05

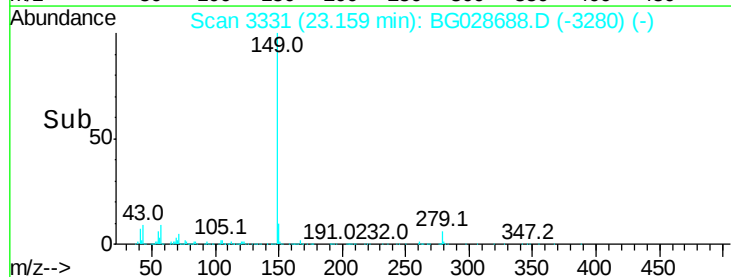
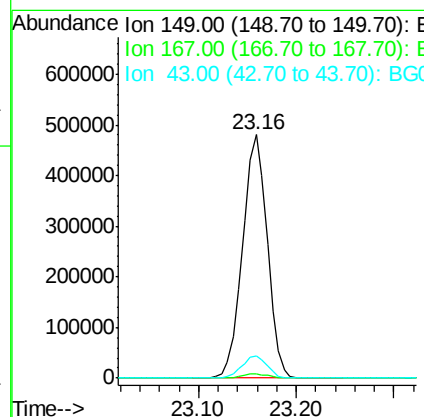
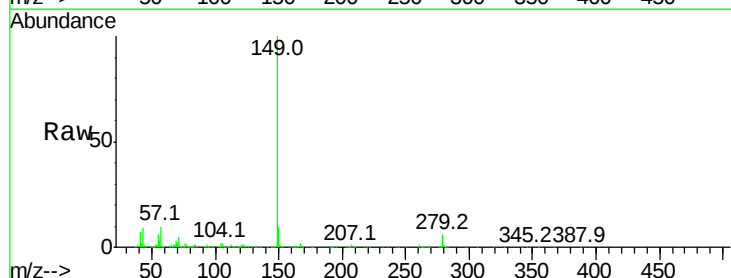
Instrument :
 BNA_G
 ClientSampleId :

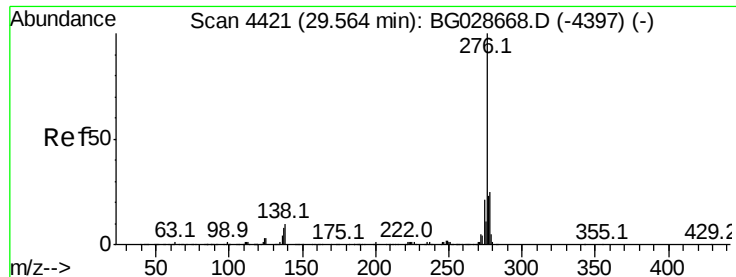
Tot Ion	Ratio	Lower	Upper
149	100		
167	30.1	23.7	35.5
279	6.4	4.6	6.8



#84
 Di-n-octyl phthalate
 Concen: 48.973 ng
 RT: 23.16 min Scan# 3331
 Delta R.T. -0.00 min
 Lab File: BG028688.D
 Acq: 13 Sep 2017 3:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	9.3	11.8	17.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.609 ng

RT: 29.57 min Scan# 4422

Delta R.T. 0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

Instrument :

BNA_G

ClientSampleId :

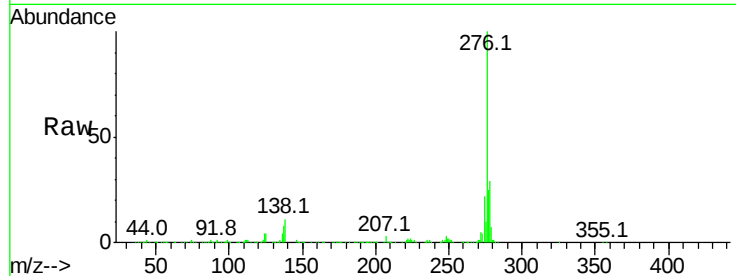
Tot Ion:276 Resp: 1107596

Ion Ratio Lower Upper

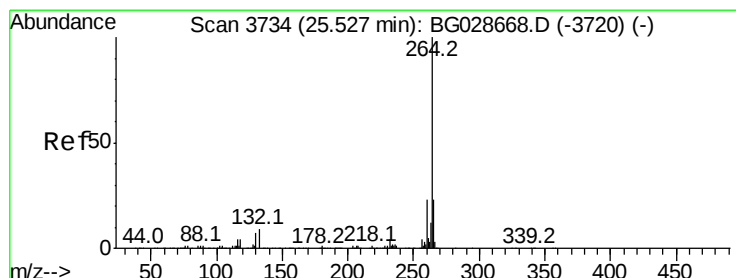
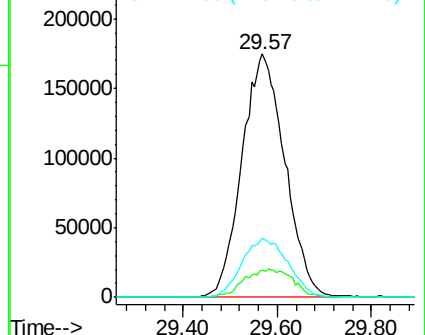
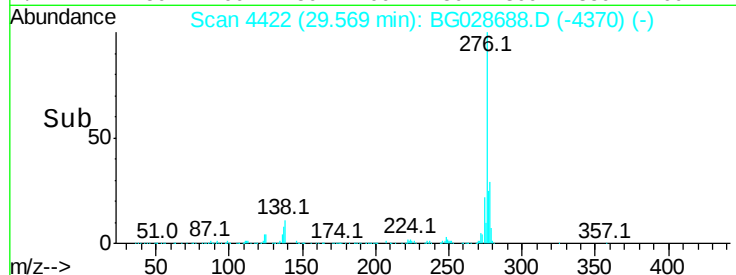
276 100

138 13.1 4.7 7.1#

277 25.9 20.6 31.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.53 min Scan# 3734

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

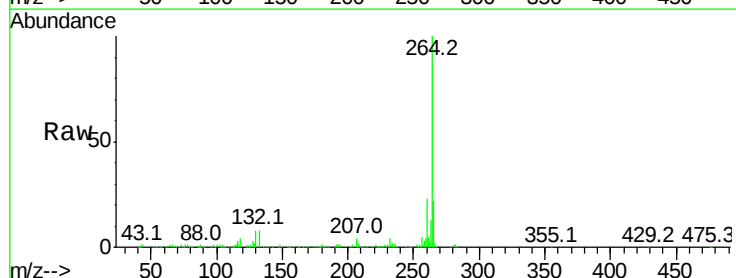
Tgt Ion:264 Resp: 297522

Ion Ratio Lower Upper

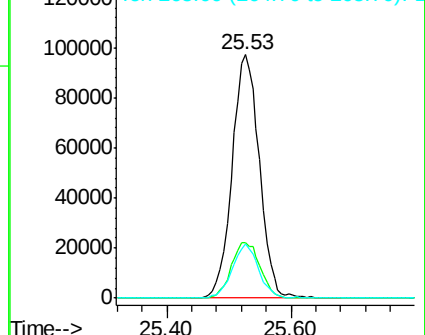
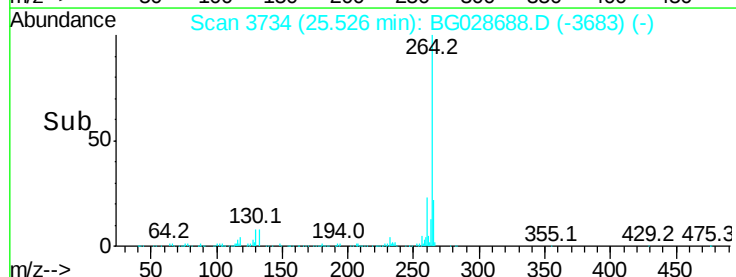
264 100

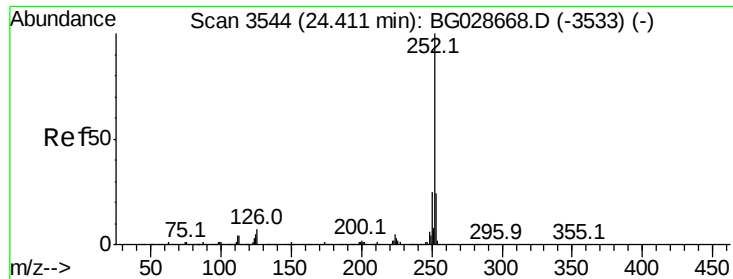
260 23.0 21.8 32.8

265 22.3 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: 52.232 ng

RT: 24.41 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

Instrument :

BNA_G

ClientSampleId :

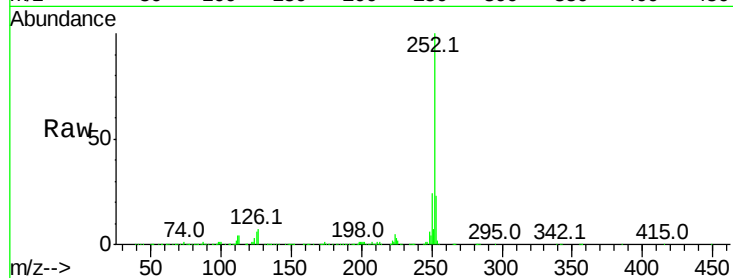
Tot Ion:252 Resp: 931054

Ion Ratio Lower Upper

252 100

253 22.6 18.7 28.1

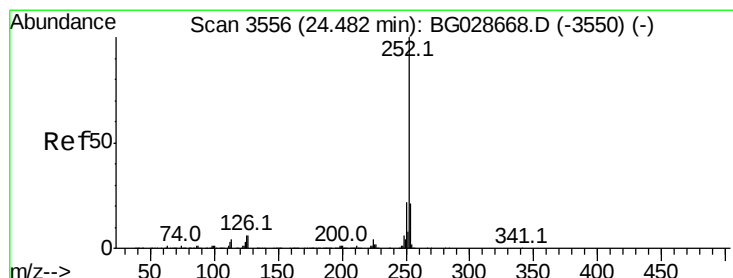
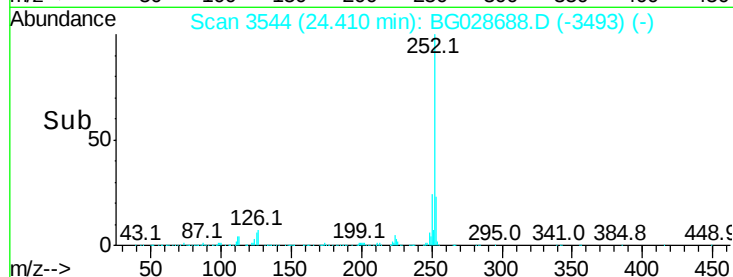
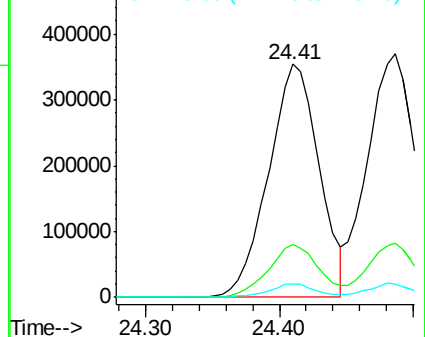
125 5.5 5.3 7.9



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: 52.326 ng

RT: 24.49 min Scan# 3557

Delta R.T. 0.00 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

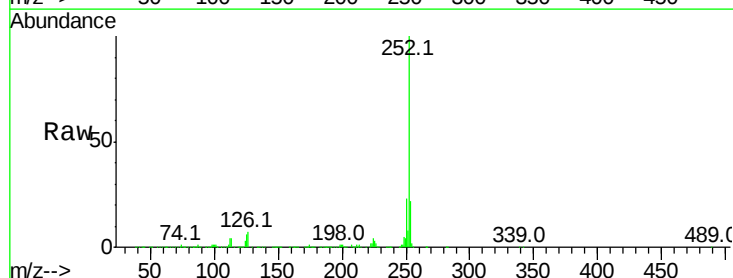
Tgt Ion:252 Resp: 931670

Ion Ratio Lower Upper

252 100

253 22.1 20.2 30.2

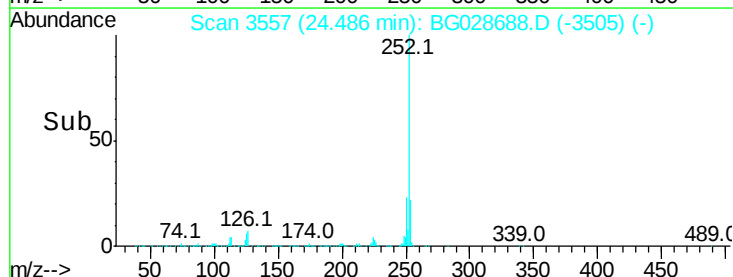
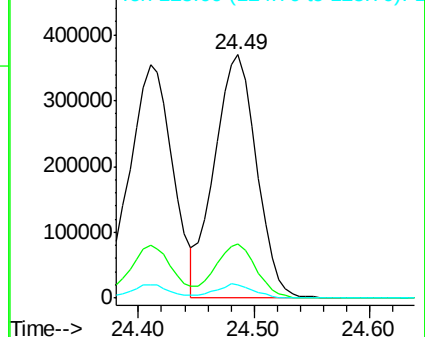
125 5.6 5.1 7.7

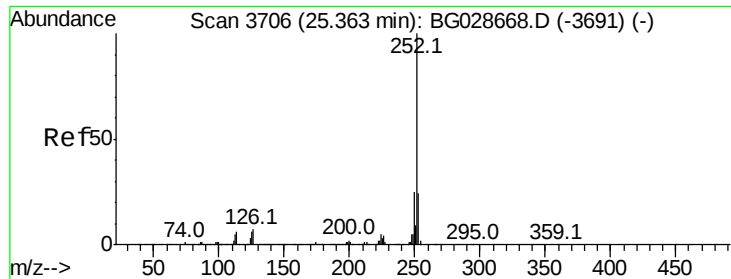


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

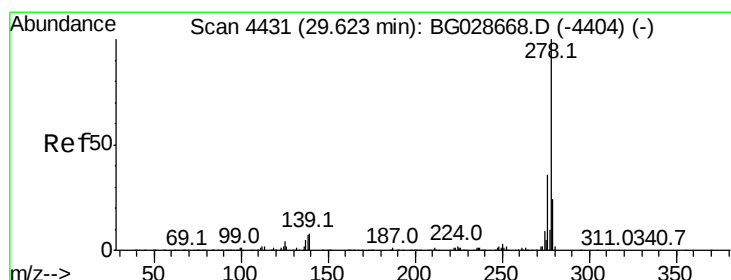
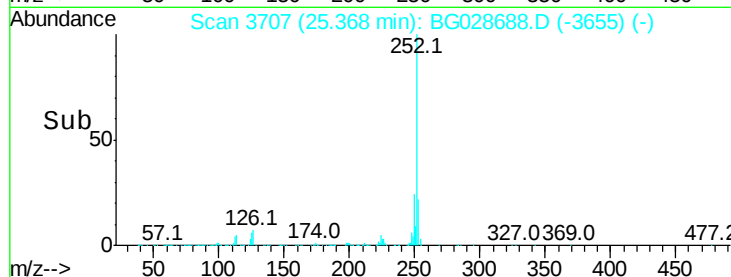
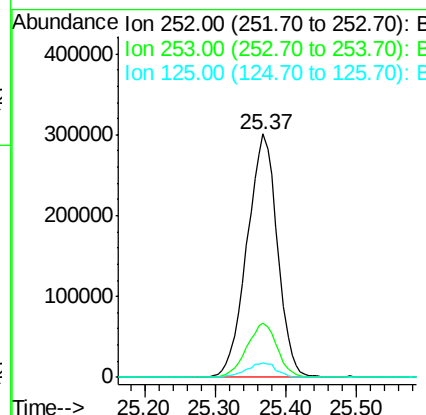
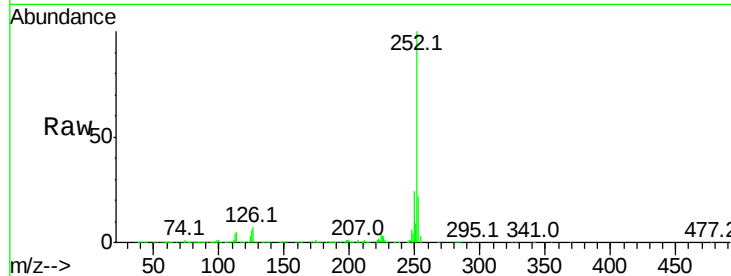




#89
Benzo(a)pyrene
Concen: 53.195 ng
RT: 25.37 min Scan# 3707
Delta R.T. 0.00 min
Lab File: BG028688.D
Acq: 13 Sep 2017 3:05

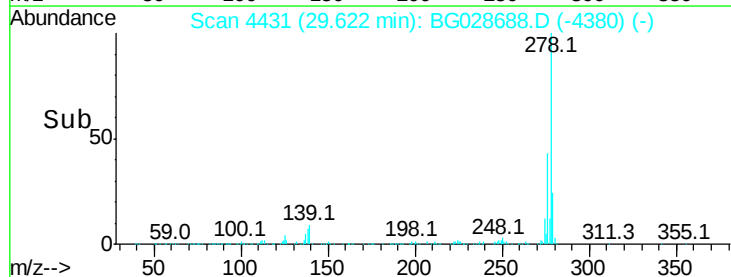
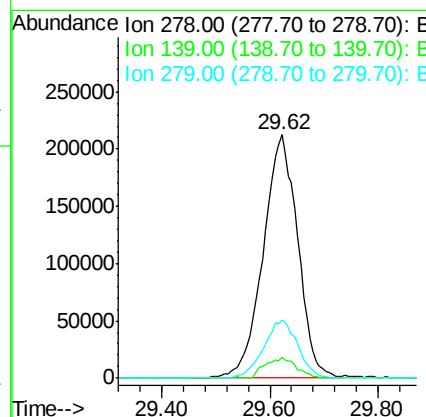
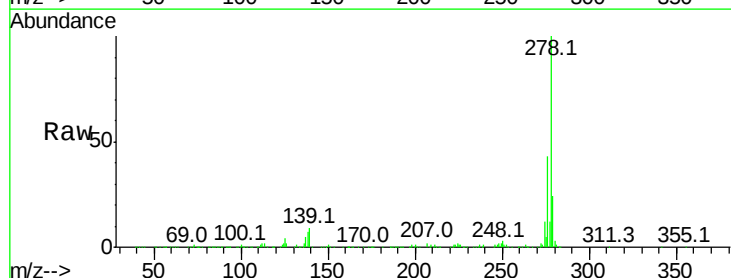
Instrument :
BNA_G
ClientSampleId :

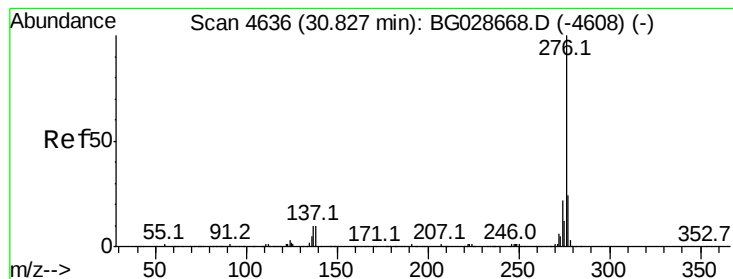
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.2	28.8
125	5.7	5.4	8.0



#90
Dibenzo(a,h)anthracene
Concen: 53.172 ng
RT: 29.62 min Scan# 4431
Delta R.T. -0.00 min
Lab File: BG028688.D
Acq: 13 Sep 2017 3:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.8	7.7	11.5
279	24.1	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 52.713 ng

RT: 30.84 min Scan# 4638

Delta R.T. 0.01 min

Lab File: BG028688.D

Acq: 13 Sep 2017 3:05

Instrument :

BNA_G

ClientSampleId :

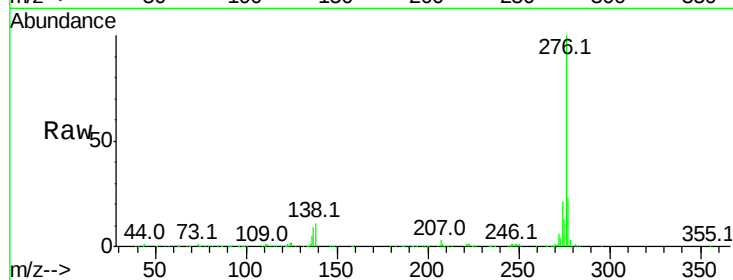
Tot Ion:276 Resp: 907267

Ion Ratio Lower Upper

276 100

277 23.1 18.6 27.8

138 10.7 8.1 12.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

