

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091217\
 Data File : BG028678.D
 Acq On : 12 Sep 2017 20:30
 Operator : SJ/JU
 Sample : I5172-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S32-9021

Quant Time: Sep 13 04:04:00 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	28940	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	111958	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	83588	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	245980	20.00	ng	0.00
75) Chrysene-d12	22.02	240	285228	20.00	ng	0.00
86) Perylene-d12	25.53	264	295428	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.90	112	185817	105.95	ng	0.00
7) Phenol-d6	7.49	99	254591	96.41	ng	0.00
23) Nitrobenzene-d5	9.50	82	157427	67.27	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	167027	120.82	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	404101	64.46	ng	0.00
78) Terphenyl-d14	20.28	244	822645	61.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.85	88	53	0.075	ng	# 1
3) Pyridine	4.21	79	120	0.059	ng	# 1
4) n-Nitrosodimethylamine	4.15	42	135	0.146	ng	# 1
6) Aniline	7.45	93	55	0.018	ng	# 38
8) 2-Chlorophenol	8.15	128	62	0.032	ng	# 25
9) Benzaldehyde	7.49	77	453	0.277	ng	# 10
10) Phenol	7.51	94	8937	3.207	ng	# 71
11) bis(2-Chloroethyl)ether	7.86	93	114	0.057	ng	# 1
12) 1,3-Dichlorobenzene	7.96	146	55	0.026	ng	# 25
15) Benzyl Alcohol	8.66	79	2851	1.383	ng	# 57
16) 2,2'-oxybis(1-Chloropropan	8.75	45	53	0.015	ng	# 74
18) Hexachloroethane	9.14	117	74	0.093	ng	# 1
19) n-Nitroso-di-n-propylamine	8.98	70	65	0.035	ng	# 29
24) Nitrobenzene	9.52	77	141	0.054	ng	# 49
25) Isophorone	10.04	82	58	0.012	ng	# 67
29) 2,4-Dichlorophenol	10.85	162	92	0.046	ng	# 25
31) Naphthalene	11.20	128	715	0.122	ng	# 67
42) 2,4,6-Trichlorophenol	13.36	196	58	0.027	ng	# 10
43) 2,4,5-Trichlorophenol	13.53	196	57	0.026	ng	# 14
45) 1,1'-Biphenyl	13.78	154	509	0.074	ng	# 91
48) Acenaphthylene	14.77	152	89	0.011	ng	# 58
49) Dimethylphthalate	14.37	163	48963	6.985	ng	# 98
50) 2,6-Dinitrotoluene	14.37	165	280	0.180	ng	# 1
51) Acenaphthene	15.00	154	80	0.016	ng	# 6
52) 3-Nitroaniline	14.90	138	53	0.038	ng	# 1
54) Dibenzofuran	15.34	168	54	0.007	ng	# 40
57) Fluorene	15.92	166	53	0.008	ng	# 9
59) Diethylphthalate	15.73	149	266	0.037	ng	# 56
60) 4-Chlorophenyl-phenylether	15.98	204	66	0.017	ng	# 26
62) Azobenzene	16.28	77	98	0.016	ng	# 47
65) n-Nitrosodiphenylamine	16.43	169	5195	0.737	ng	# 43
67) Hexachlorobenzene	17.25	284	61	0.017	ng	# 38
70) Phenanthrene	17.73	178	245	0.019	ng	# 56
71) Anthracene	17.73	178	245	0.019	ng	# 58

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091217\
 Data File : BG028678.D
 Acq On : 12 Sep 2017 20:30
 Operator : SJ/JU
 Sample : I5172-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

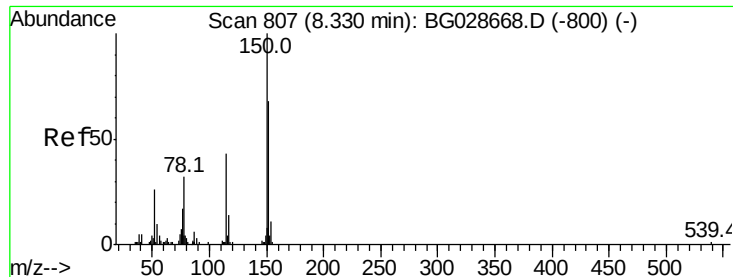
Instrument :
 BNA_G
 ClientSampleId :
 S32-9021

Quant Time: Sep 13 04:04:00 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)

72) Carbazole	18.11	167	78	0.007	nq	# 55
73) Di-n-butylphthalate	18.62	149	269	0.019	nq	# 73
74) Fluoranthene	19.74	202	544	0.035	nq	# 41
76) Benzidine	19.95	184	222	0.030	nq	# 64
77) Pyrene	20.10	202	1035	0.063	nq	# 71
79) Butylbenzylphthalate	20.96	149	175	0.026	nq	# 73
80) Benzo(a)anthracene	22.02	228	1706	0.099	nq	# 54
81) 3,3'-Dichlorobenzidine	21.91	252	58	0.008	nq	# 24
82) Chrysene	22.06	228	541	0.033	nq	# 29
83) Bis(2-ethylhexyl)phthalate	21.87	149	2196	0.232	nq	# 51
84) Di-n-octyl phthalate	23.16	149	350	0.021	nq	# 63
85) Indeno(1,2,3-cd)pyrene	29.56	276	59	0.003	nq	# 1
87) Benzo(b)fluoranthene	24.40	252	434	0.025	nq	# 8
88) Benzo(k)fluoranthene	24.50	252	74	0.004	nq	# 1
89) Benzo(a)pyrene	25.36	252	292	0.017	nq	# 58
90) Dibenzo(a,h)anthracene	29.63	278	56	0.003	nq	# 58
91) Benzo(g,h,i)perylene	30.83	276	121	0.007	nq	# 1

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

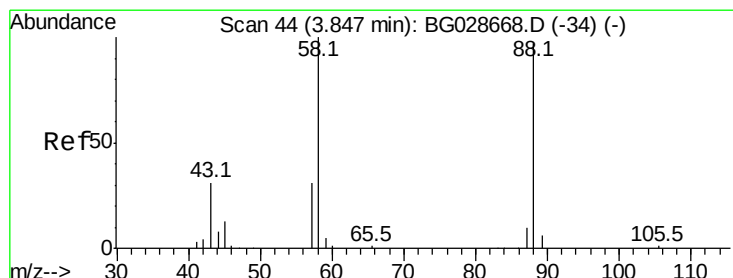
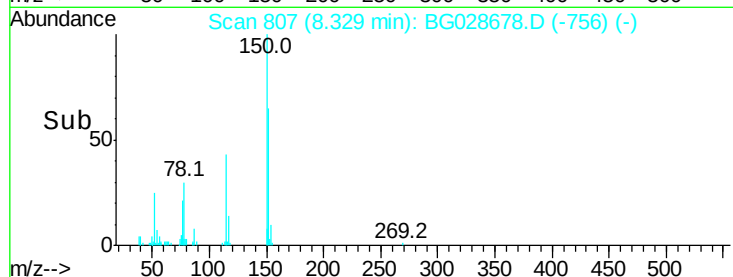
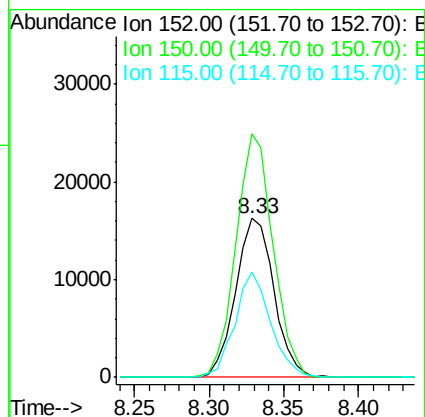
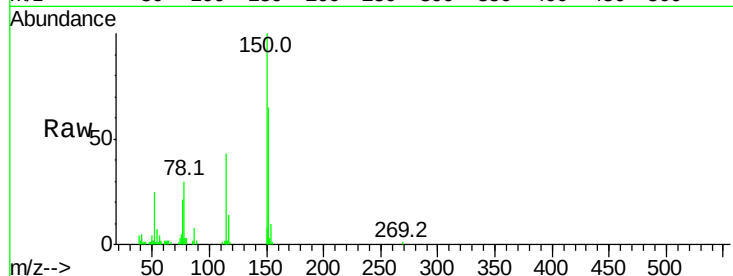


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

Instrument :
BNA_G
ClientSampleId :
S32-9021

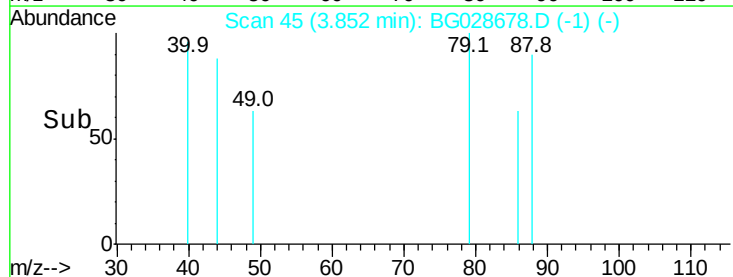
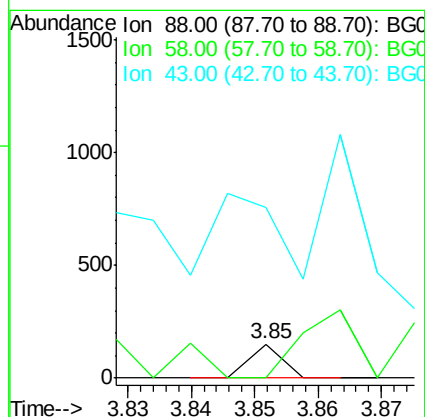
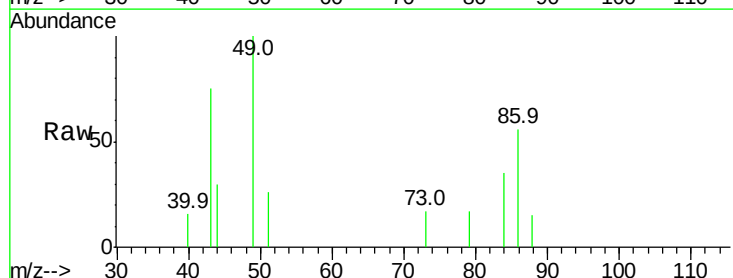
Tot Ion:152 Resp: 28940
Ion Ratio Lower Upper
152 100
150 153.4 114.0 171.0
115 66.4 48.1 72.1

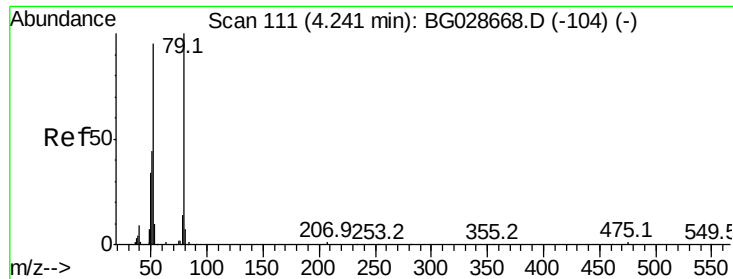


#2

1,4-Dioxane
Concen: 0.075 ng
RT: 3.85 min Scan# 45
Delta R.T. 0.00 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

Tgt Ion: 88 Resp: 53
Ion Ratio Lower Upper
88 100
58 334.0 79.4 119.2#
43 715.1 33.8 50.6#





#3

Pvridine

Concen: 0.059 ng

RT: 4.21 min Scan# 106

Delta R.T. -0.03 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

Instrument :

BNA_G

ClientSampleId :

S32-9021

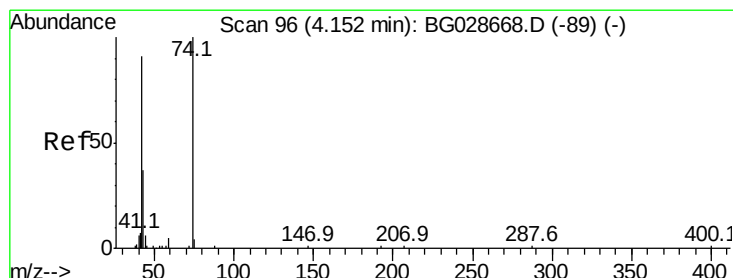
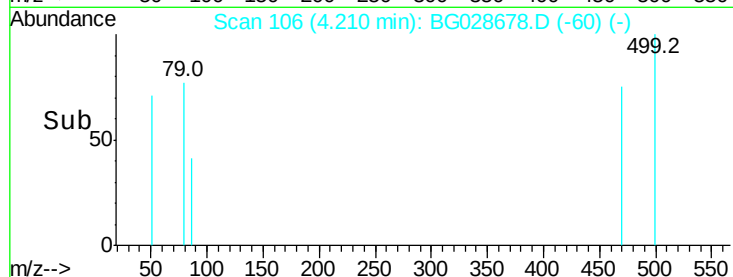
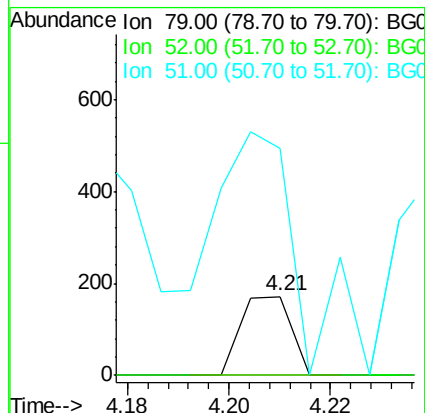
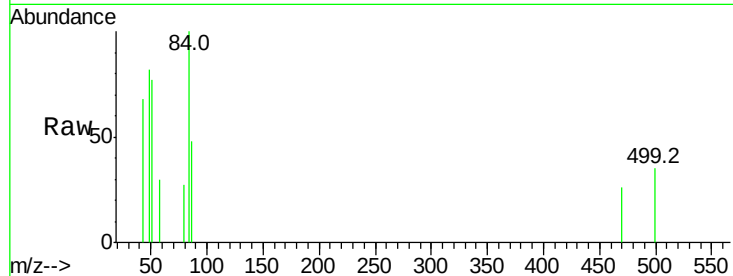
Tot Ion: 79 Resp: 120

Ion Ratio Lower Upper

79 100

52 0.0 77.8 116.6#

51 287.2 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 0.146 ng

RT: 4.15 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

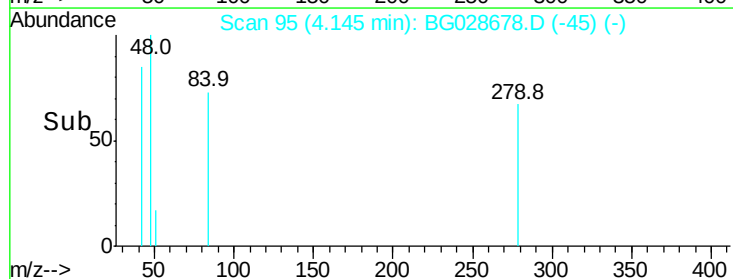
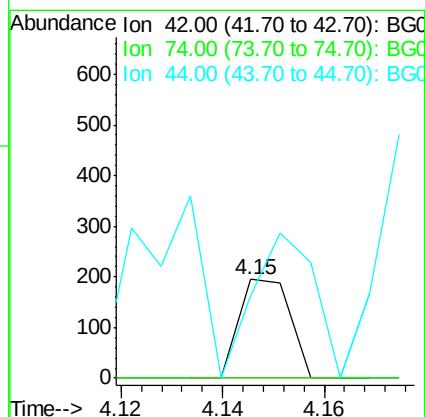
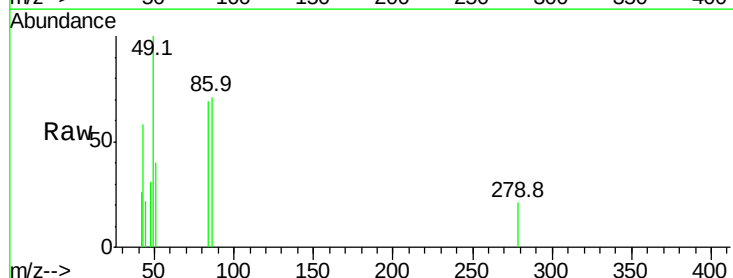
Tgt Ion: 42 Resp: 135

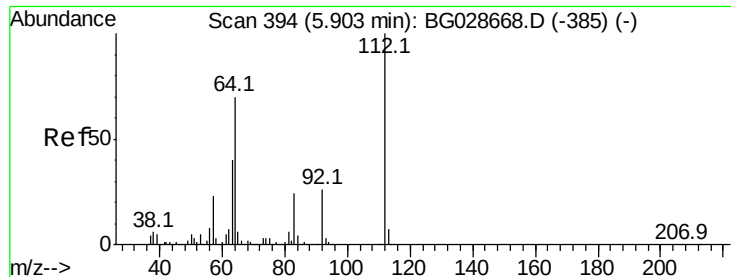
Ion Ratio Lower Upper

42 100

74 0.0 76.7 115.1#

44 83.6 6.1 9.1#





#5

2-Fluorophenol

Concen: 105.946 ng

RT: 5.90 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

Instrument :

BNA_G

ClientSampled :

S32-9021

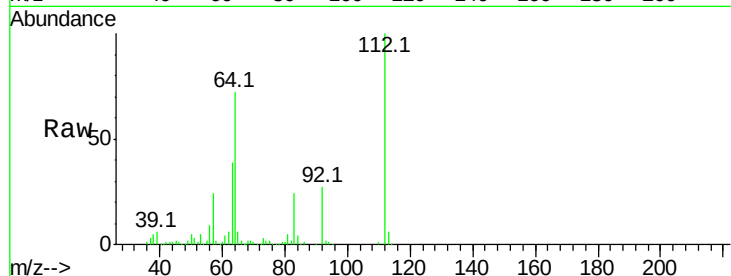
Tot Ion:112 Resp: 185817

Ion Ratio Lower Upper

112 100

64 72.2 61.8 92.6

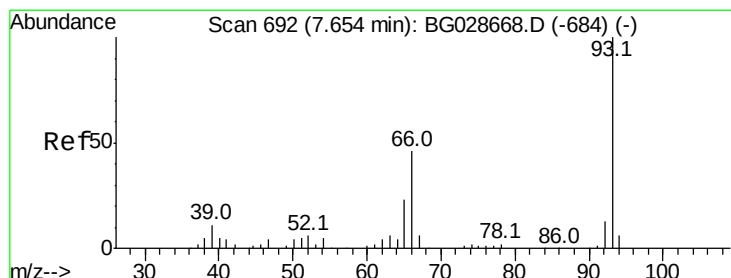
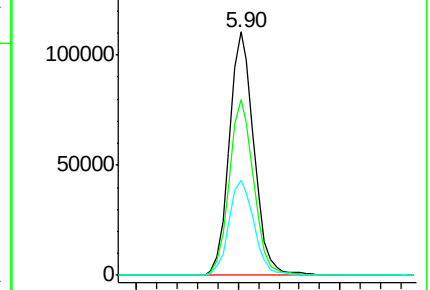
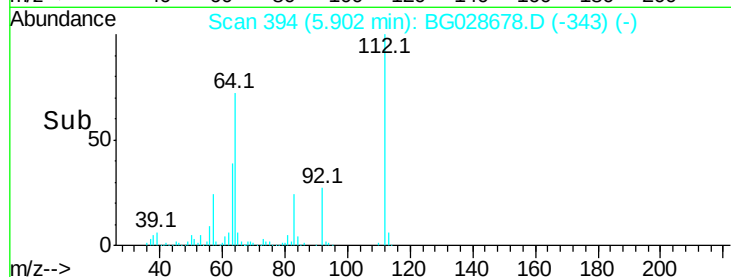
63 39.0 37.2 55.8



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: 0.018 ng

RT: 7.45 min Scan# 657

Delta R.T. -0.21 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

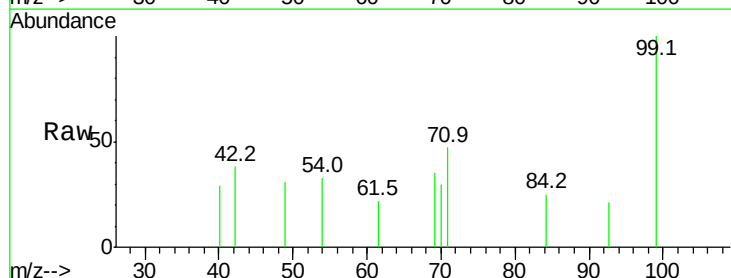
Tgt Ion: 93 Resp: 55

Ion Ratio Lower Upper

93 100

66 0.0 35.4 53.2#

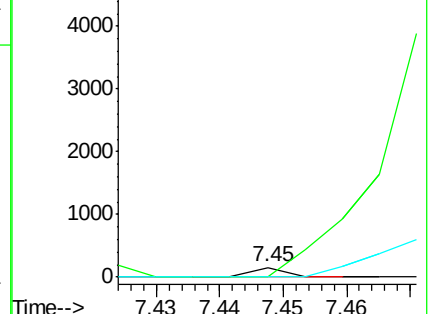
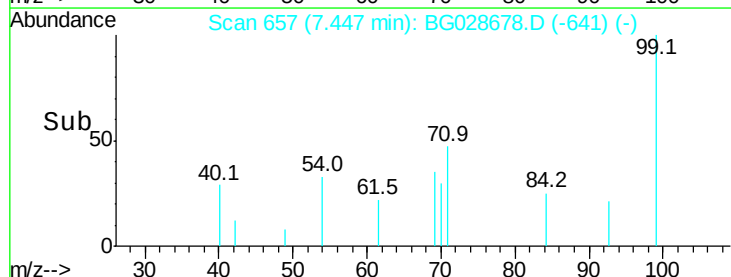
65 0.0 21.2 31.8#

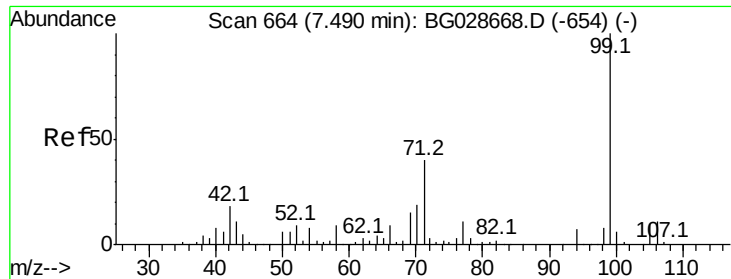


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 96.411 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

Instrument :

BNA_G

ClientSampleId :

S32-9021

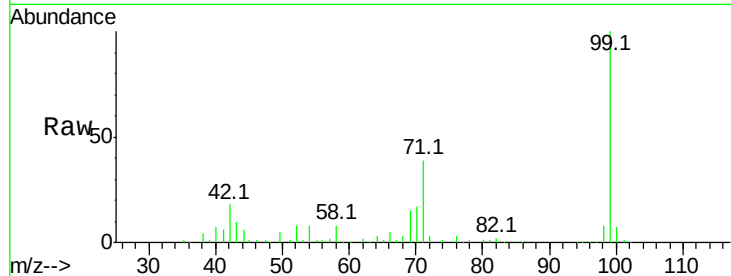
Tot Ion: 99 Resp: 254591

Ion Ratio Lower Upper

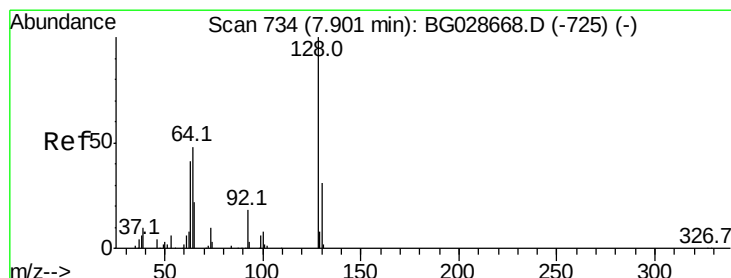
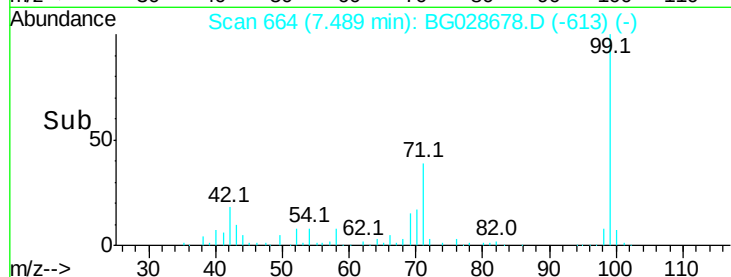
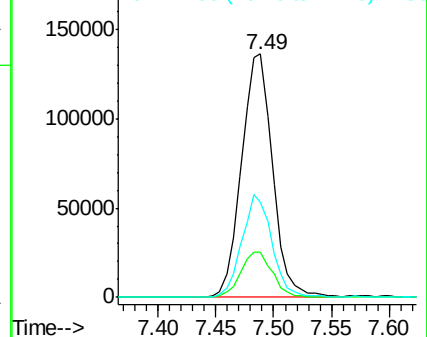
99 100

42 18.4 20.5 30.7#

71 39.3 37.6 56.4



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



#8

2-Chlorophenol

Concen: 0.032 ng

RT: 8.15 min Scan# 776

Delta R.T. 0.25 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

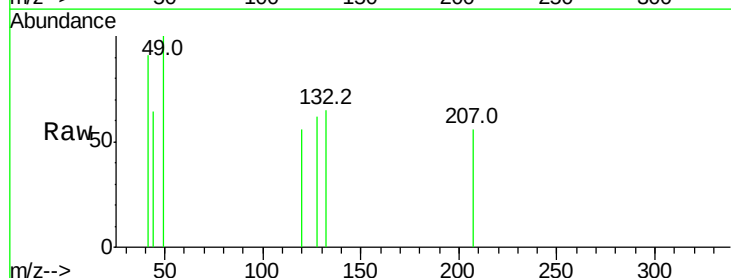
Tgt Ion: 128 Resp: 62

Ion Ratio Lower Upper

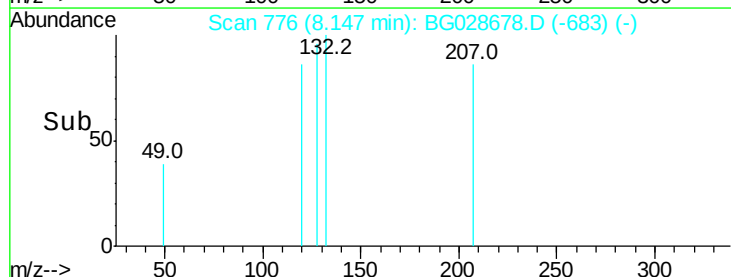
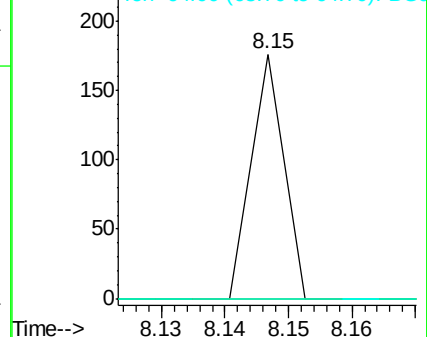
128 100

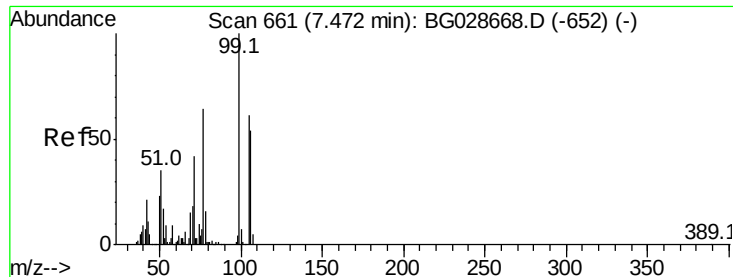
130 0.0 11.4 51.4#

64 0.0 46.6 86.6#



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





#9

Benzaldehyde

Concen: 0.277 ng

RT: 7.49 min Scan# 665

Delta R.T. 0.02 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

Instrument :

BNA_G

ClientSampleId :

S32-9021

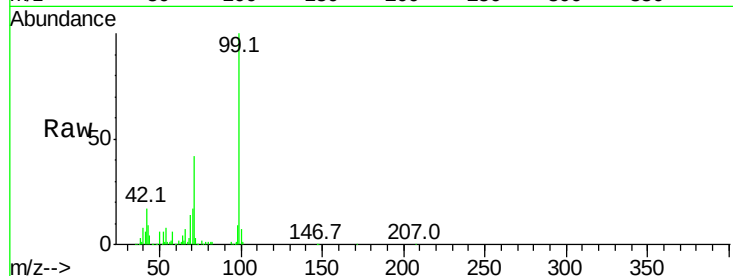
Tot Ion: 77 Resp: 453

Ion Ratio Lower Upper

77 100

105 0.0 60.9 100.9#

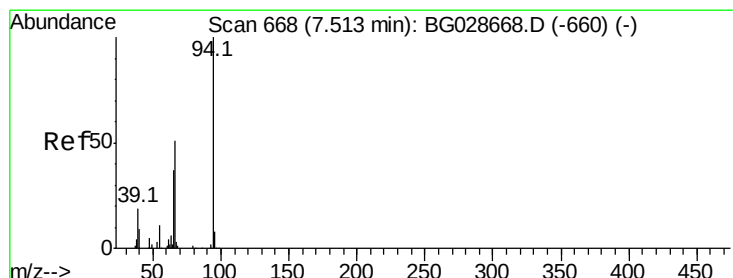
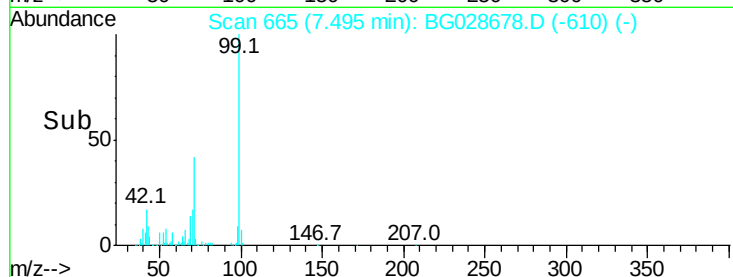
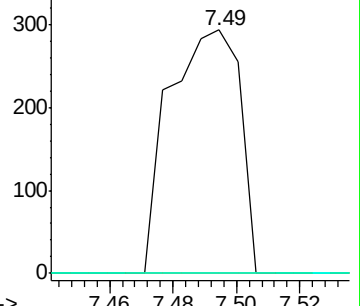
106 0.0 55.1 95.1#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 3.207 ng

RT: 7.51 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

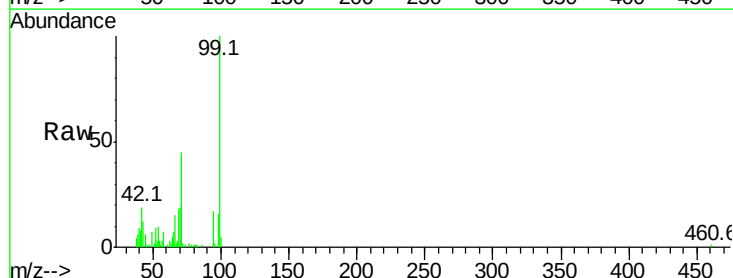
Tgt Ion: 94 Resp: 8937

Ion Ratio Lower Upper

94 100

65 44.0 20.6 60.6

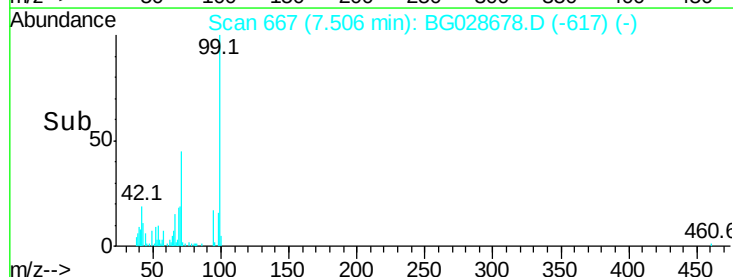
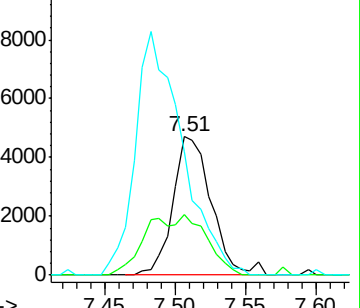
66 89.5 35.5 75.5#

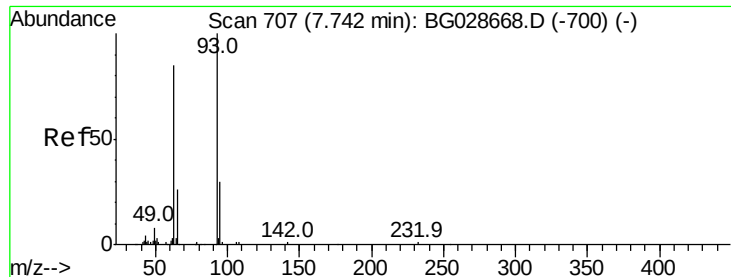


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 0.057 ng

RT: 7.86 min Scan# 728

Delta R.T. 0.12 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

Instrument :

BNA_G

ClientSampleId :

S32-9021

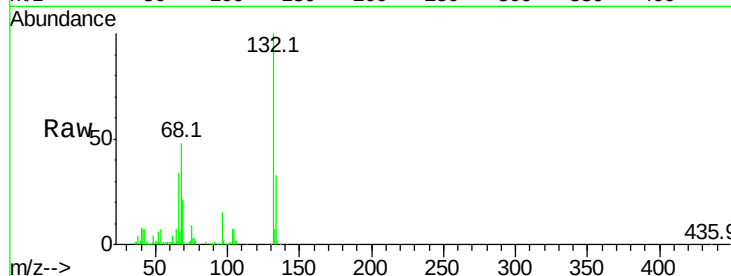
Tot Ion: 93 Resp: 114

Ion Ratio Lower Upper

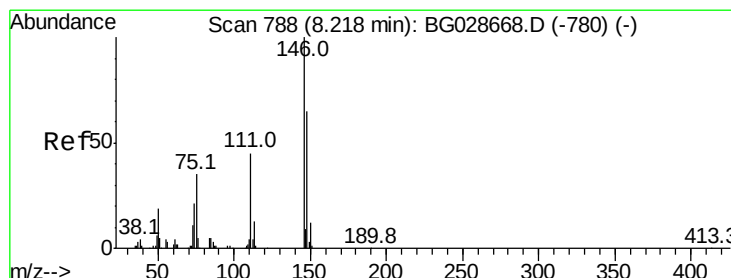
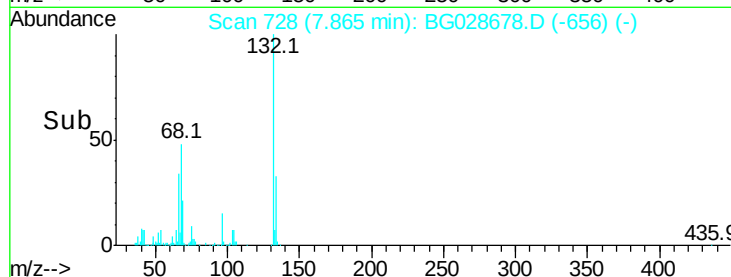
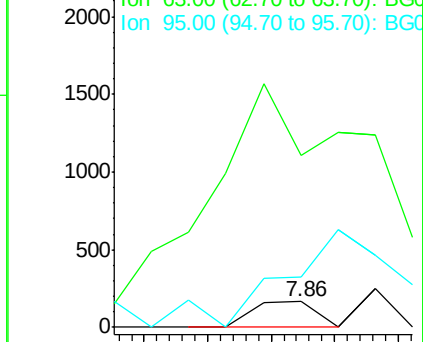
93 100

63 666.9 78.5 118.5#

95 193.4 9.8 49.8#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 0.026 ng

RT: 7.96 min Scan# 745

Delta R.T. -0.25 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

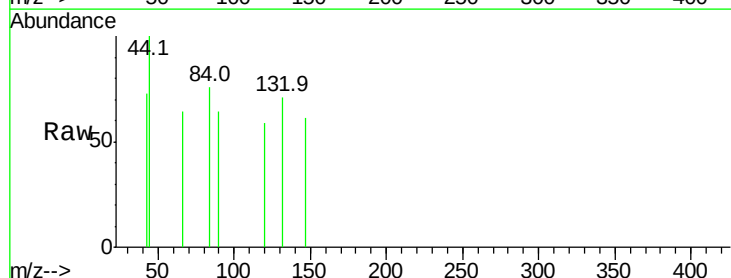
Tgt Ion: 146 Resp: 55

Ion Ratio Lower Upper

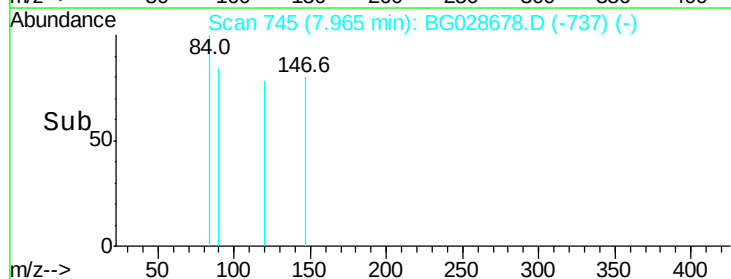
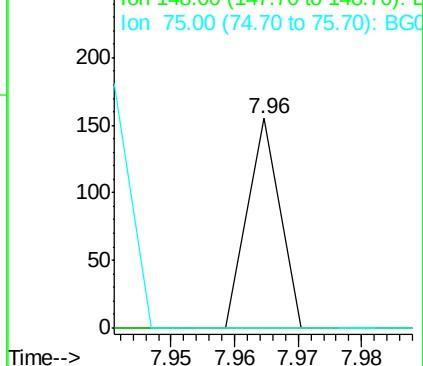
146 100

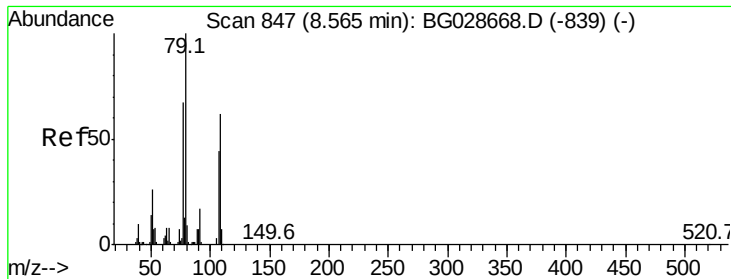
148 0.0 49.2 73.8#

75 0.0 33.4 50.2#



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#15

Benzyl Alcohol

Concen: 1.383 ng

RT: 8.66 min Scan# 863

Delta R.T. 0.09 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

Instrument :

BNA_G

ClientSampleId :

S32-9021

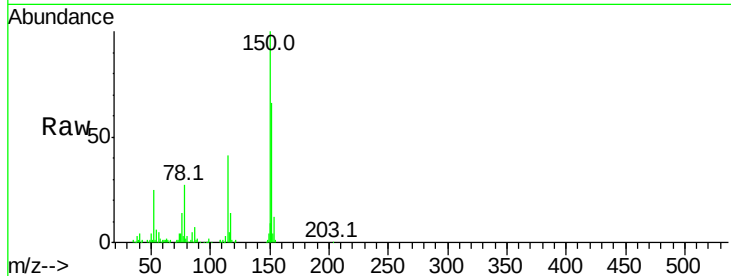
Tot Ion: 79 Resp: 2851

Ion Ratio Lower Upper

79 100

108 36.1 45.5 68.3#

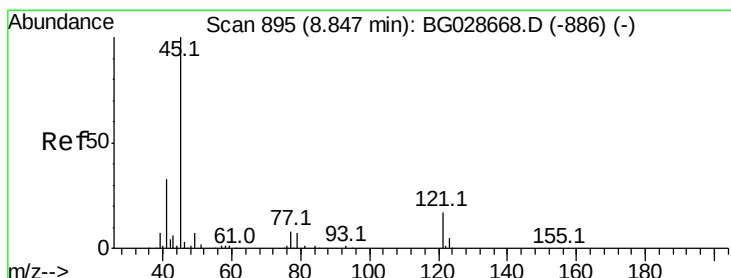
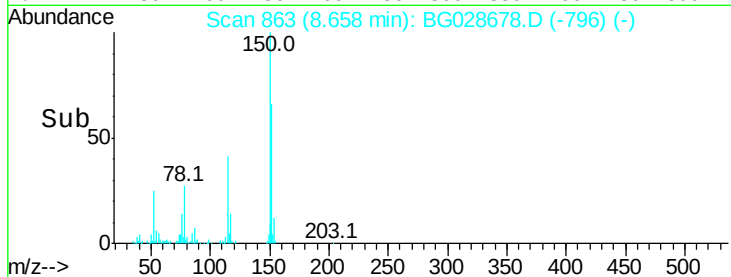
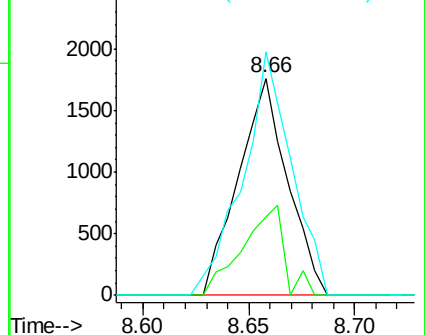
77 112.3 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.015 ng

RT: 8.75 min Scan# 879

Delta R.T. -0.10 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

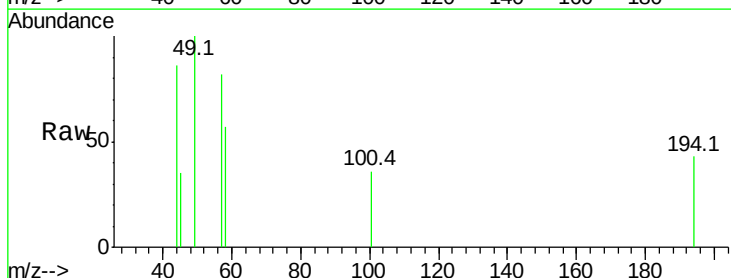
Tgt Ion: 45 Resp: 53

Ion Ratio Lower Upper

45 100

77 0.0 0.0 30.6

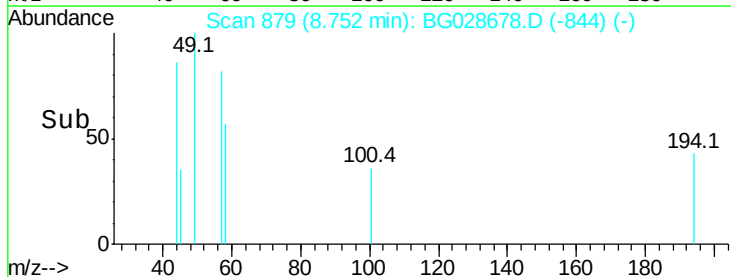
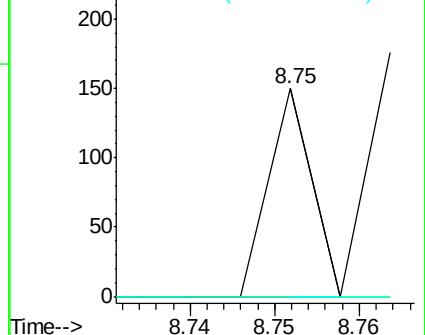
79 0.0 0.0 28.5

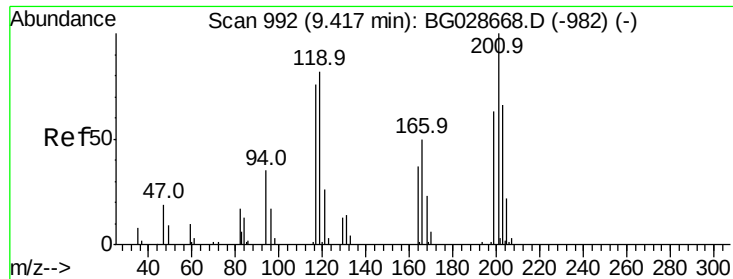


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

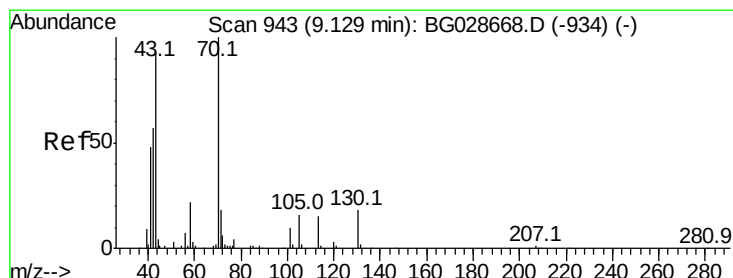
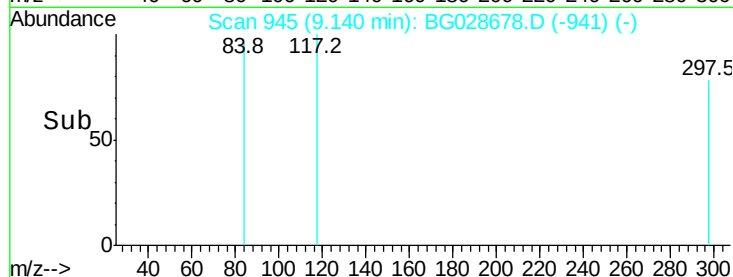
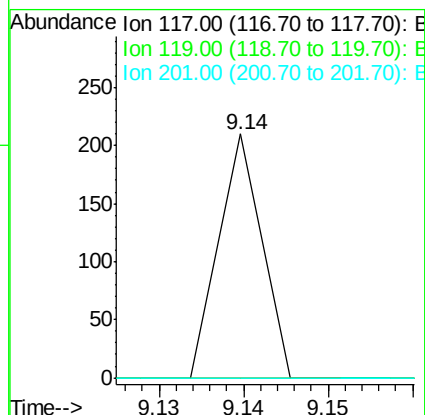
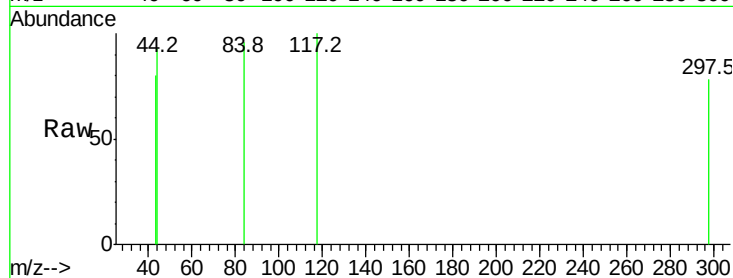




#18
Hexachloroethane
Concen: 0.093 ng
RT: 9.14 min Scan# 945
Delta R.T. -0.28 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

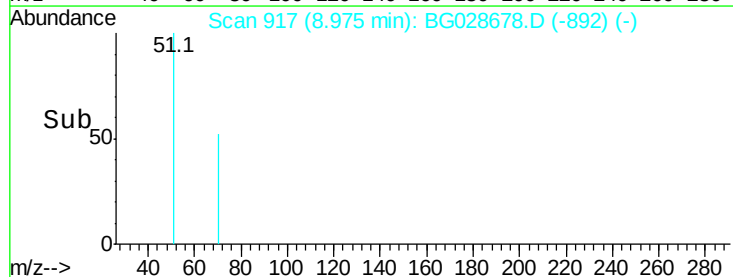
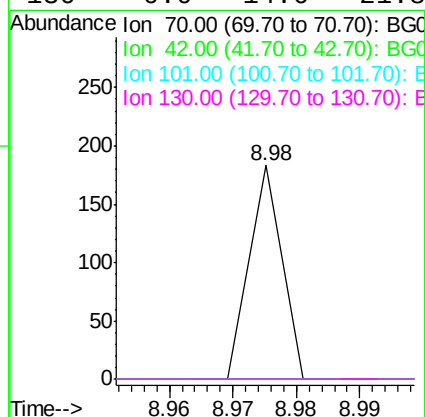
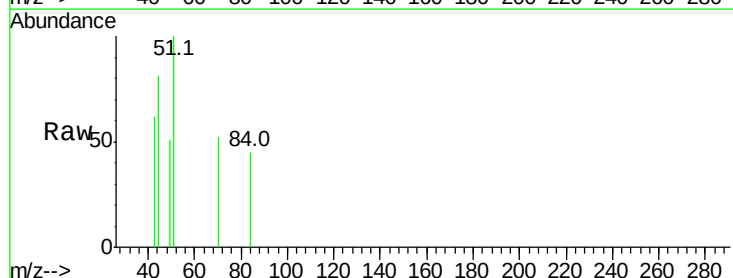
Instrument :
BNA_G
ClientSampleId :
S32-9021

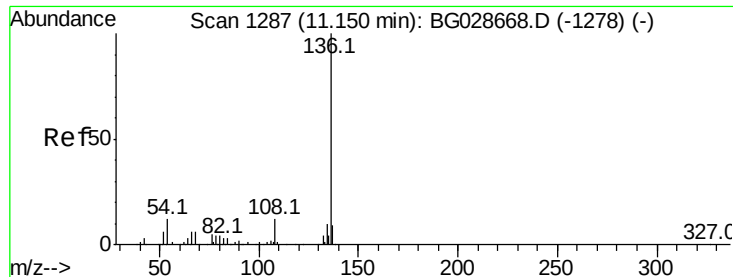
Tot Ion:117 Resp: 74
Ion Ratio Lower Upper
117 100
119 0.0 69.8 104.6#
201 0.0 95.4 143.0#



#19
n-Nitroso-di-n-propylamine
Concen: 0.035 ng
RT: 8.98 min Scan# 917
Delta R.T. -0.15 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

Tgt Ion: 70 Resp: 65
Ion Ratio Lower Upper
70 100
42 0.0 56.1 84.1#
101 0.0 7.5 11.3#
130 0.0 14.6 21.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

Instrument :

BNA_G

ClientSampleId :

S32-9021

Tot Ion:136 Resp: 111958

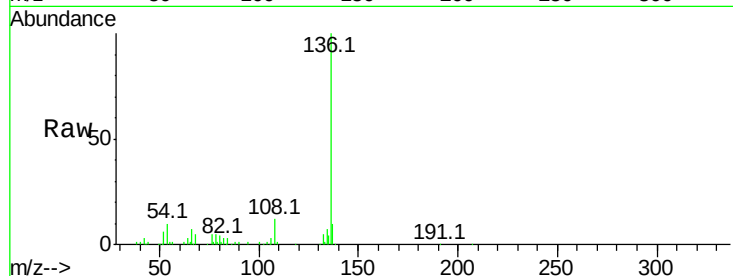
Ion Ratio Lower Upper

136 100

137 9.7 8.9 13.3

54 9.6 9.3 13.9

68 5.3 5.1 7.7

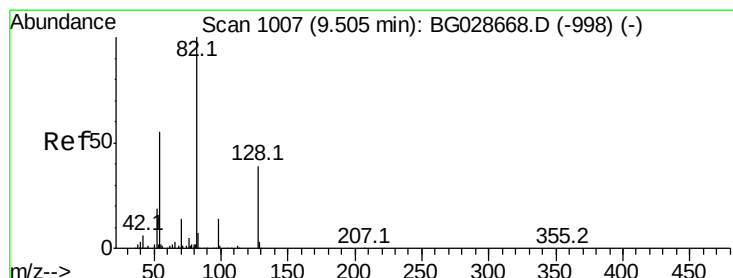
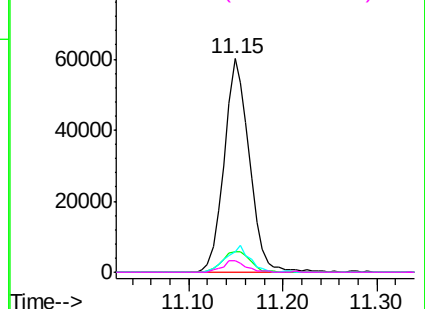
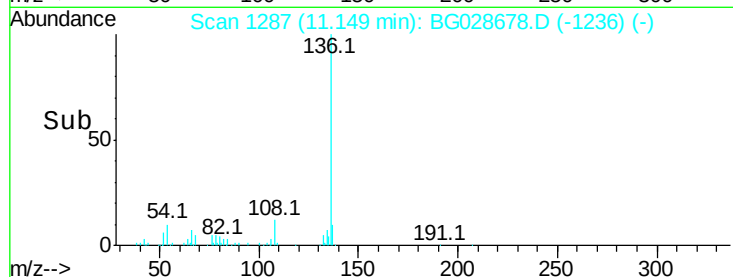


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 67.265 ng

RT: 9.50 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

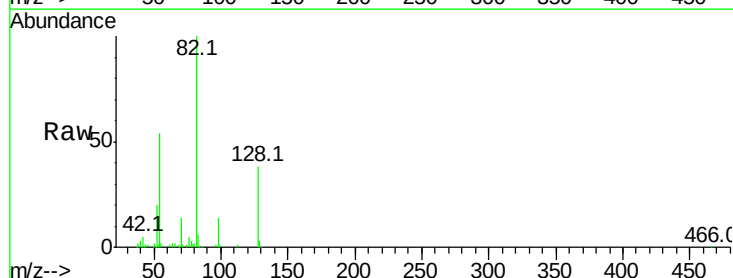
Tgt Ion: 82 Resp: 157427

Ion Ratio Lower Upper

82 100

128 38.1 26.4 39.6

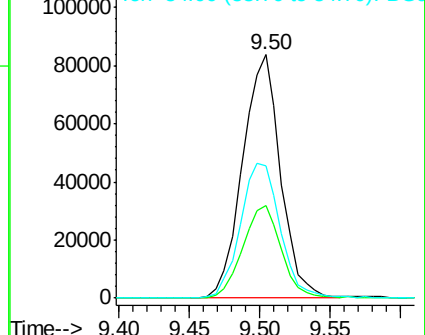
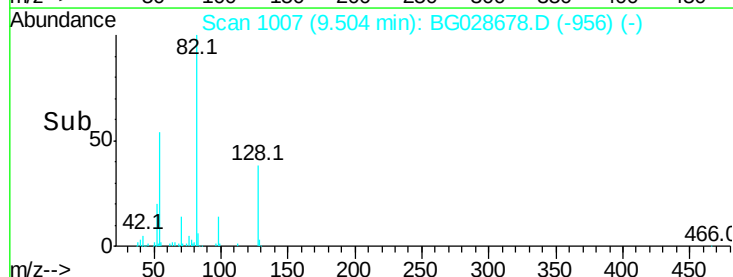
54 54.2 49.4 74.2

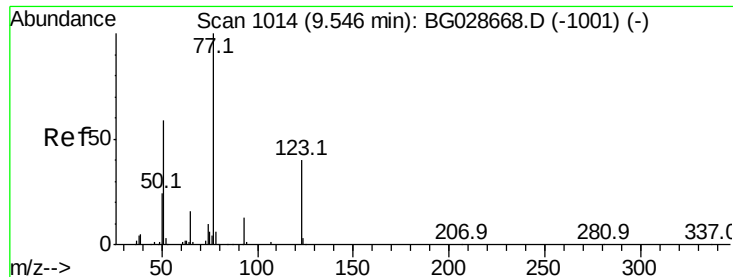


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

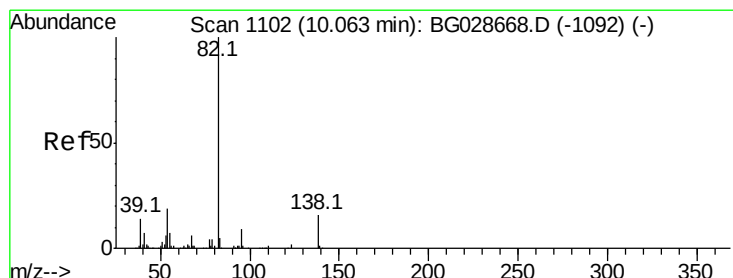
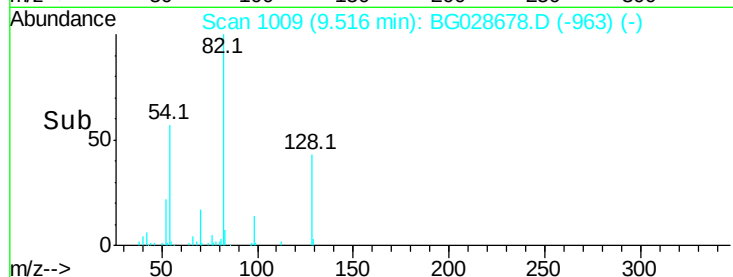
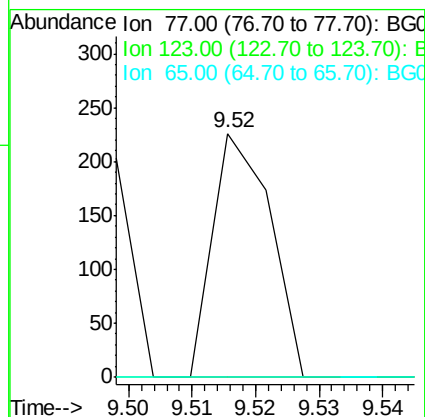
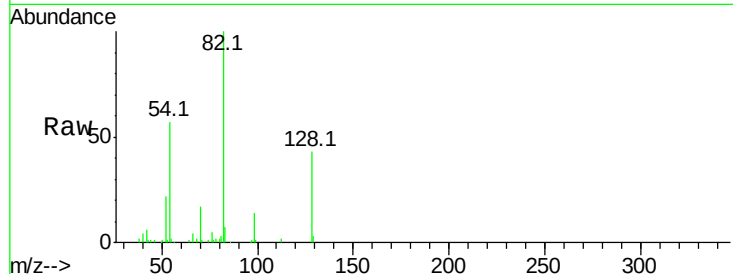




#24
 Nitrobenzene
 Concen: 0.054 ng
 RT: 9.52 min Scan# 1009
 Delta R.T. -0.03 min
 Lab File: BG028678.D
 Acq: 12 Sep 2017 20:30

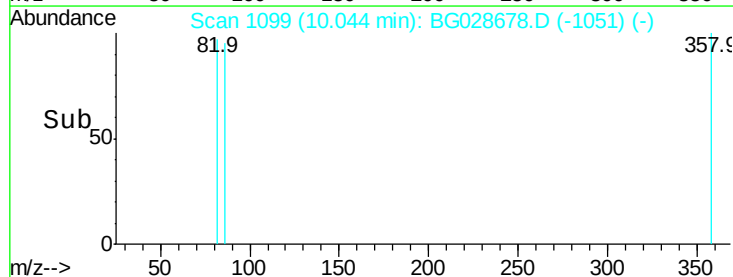
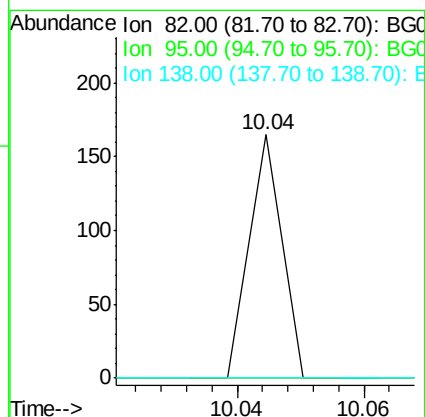
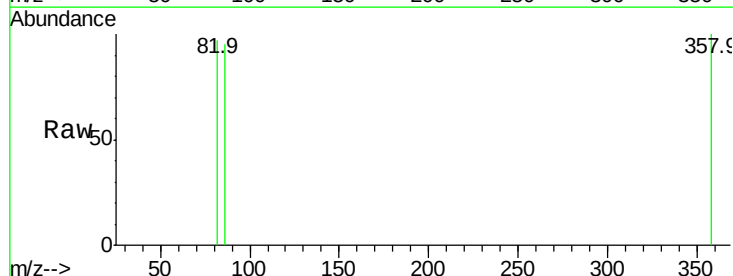
Instrument :
 BNA_G
 ClientSampleId :
 S32-9021

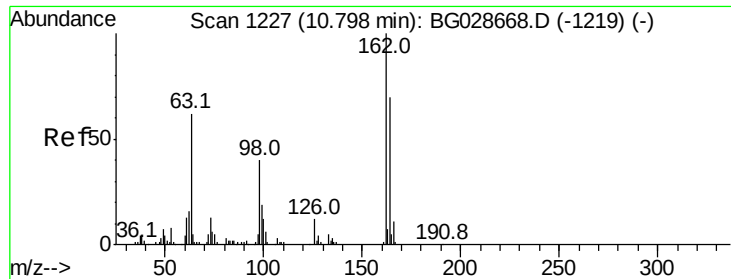
Tot Ion: 77 Resp: 141
 Ion Ratio Lower Upper
 77 100
 123 0.0 26.1 39.1#
 65 0.0 12.4 18.6#



#25
 Isophorone
 Concen: 0.012 ng
 RT: 10.04 min Scan# 1099
 Delta R.T. -0.02 min
 Lab File: BG028678.D
 Acq: 12 Sep 2017 20:30

Tgt Ion: 82 Resp: 58
 Ion Ratio Lower Upper
 82 100
 95 0.0 7.5 11.3#
 138 0.0 12.3 18.5#





#29

2,4-Dichlorophenol

Concen: 0.046 ng

RT: 10.85 min Scan# 1236

Delta R.T. 0.05 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

Instrument :

BNA_G

ClientSampleId :

S32-9021

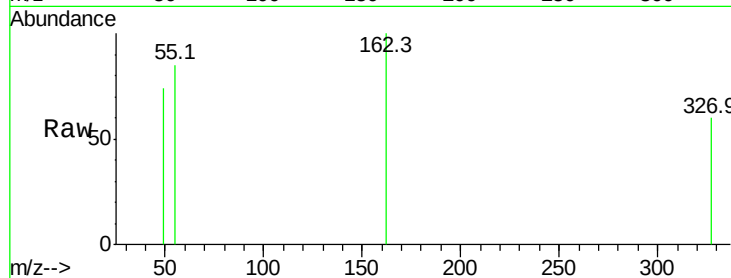
Tot Ion:162 Resp: 92

Ion Ratio Lower Upper

162 100

164 0.0 42.4 82.4#

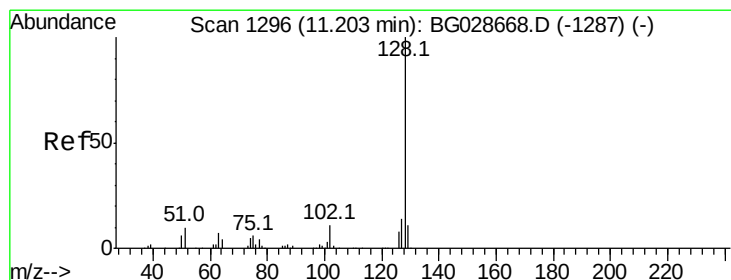
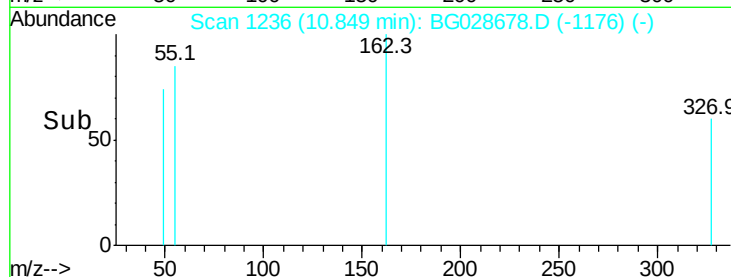
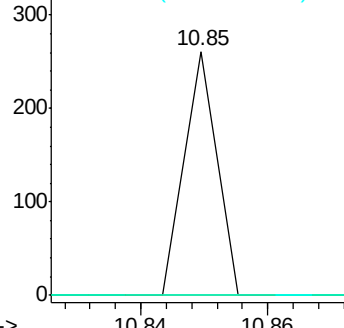
98 0.0 20.3 60.3#



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



#31

Naphthalene

Concen: 0.122 ng

RT: 11.20 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

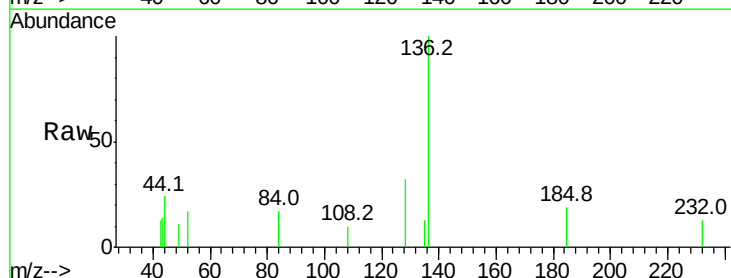
Tgt Ion:128 Resp: 715

Ion Ratio Lower Upper

128 100

129 0.0 9.3 13.9#

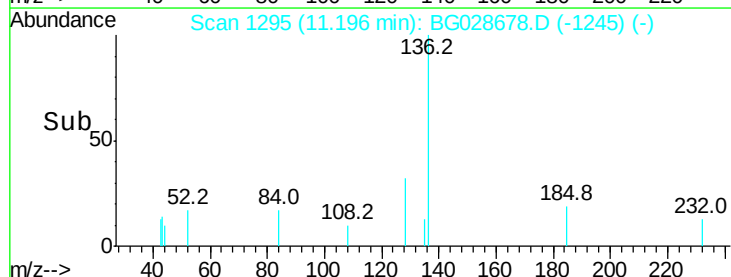
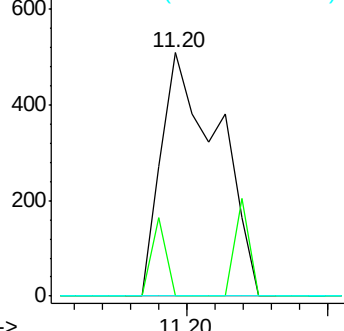
127 0.0 11.4 17.0#

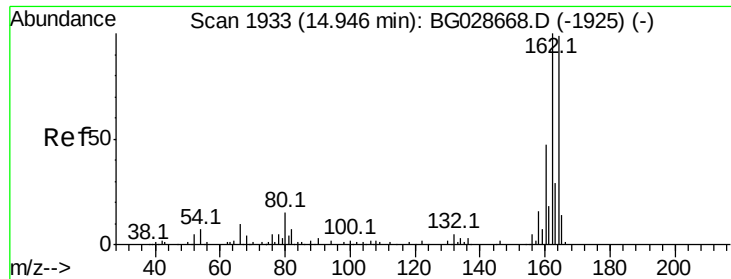


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

Instrument :

BNA_G

ClientSampleId :

S32-9021

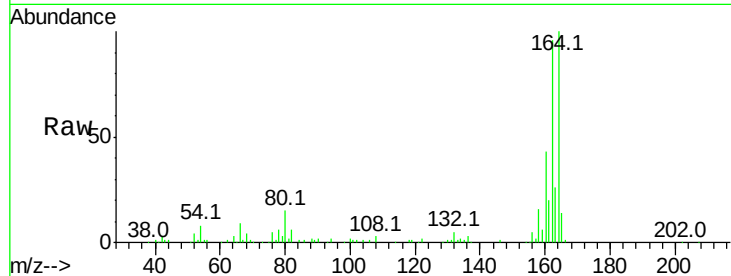
Tot Ion:164 Resp: 83588

Ion Ratio Lower Upper

164 100

162 96.4 85.1 127.7

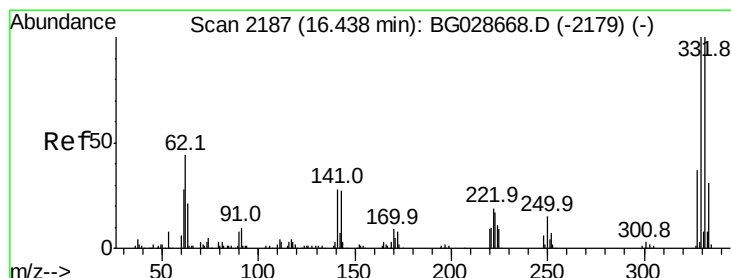
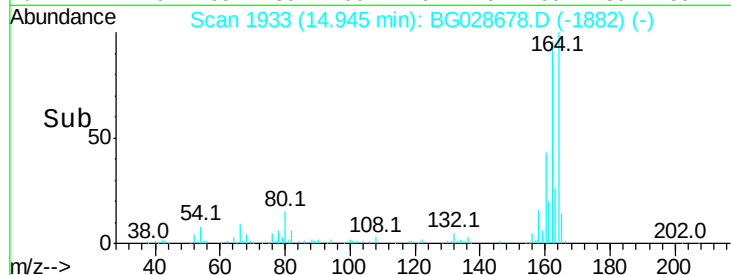
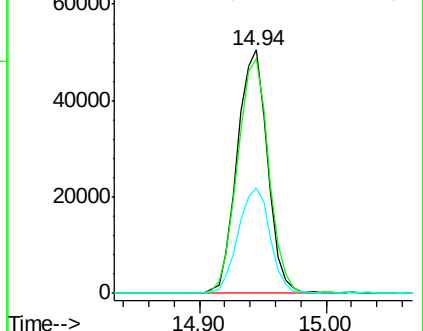
160 43.5 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 120.816 ng

RT: 16.43 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

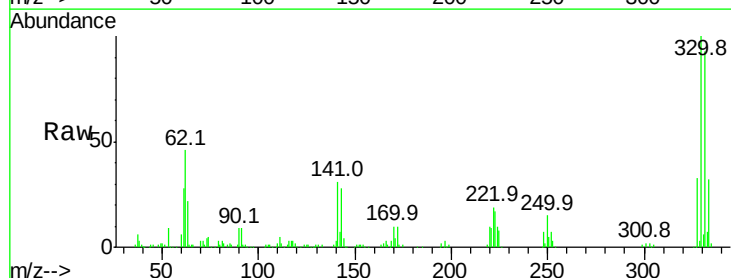
Tgt Ion:330 Resp: 167027

Ion Ratio Lower Upper

330 100

332 92.2 77.3 115.9

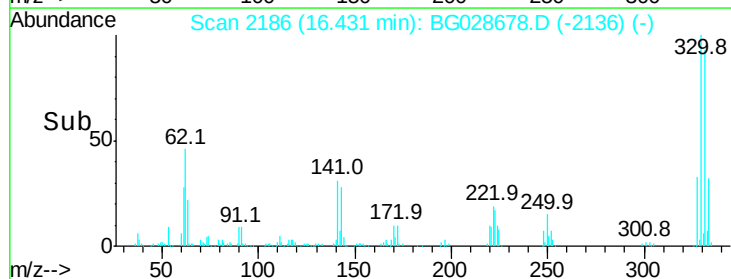
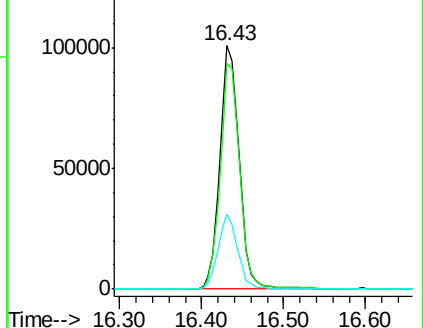
141 30.9 32.1 48.1#

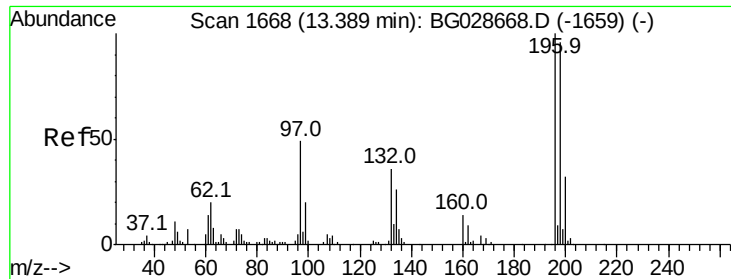


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

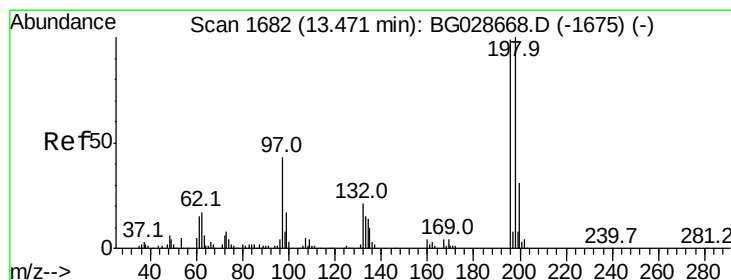
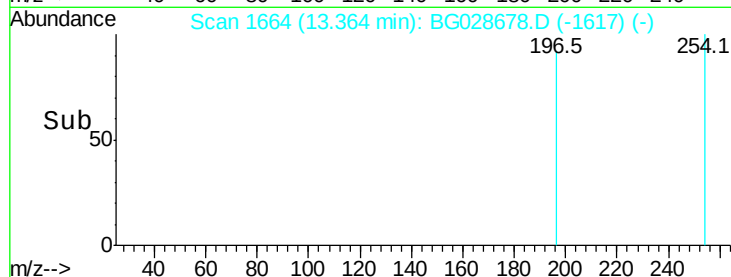
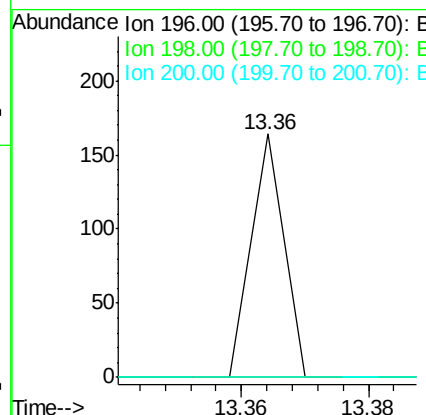
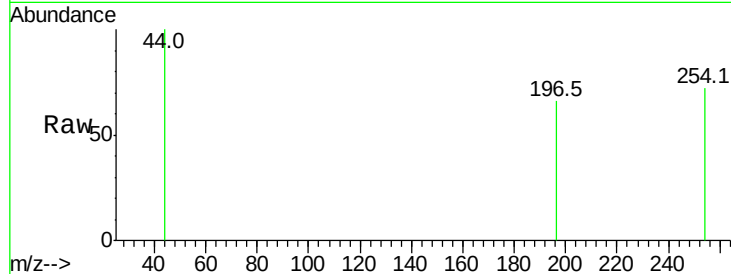




#42
 2,4,6-Trichlorophenol
 Concen: 0.027 ng
 RT: 13.36 min Scan# 1664
 Delta R.T. -0.02 min
 Lab File: BG028678.D
 Acq: 12 Sep 2017 20:30

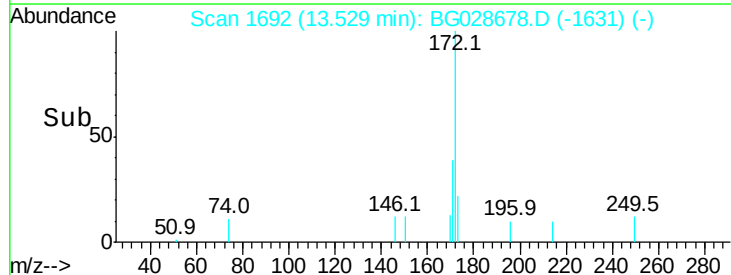
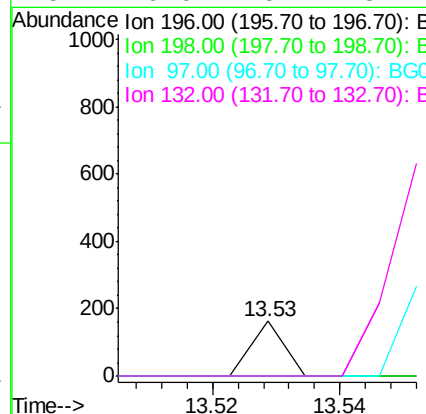
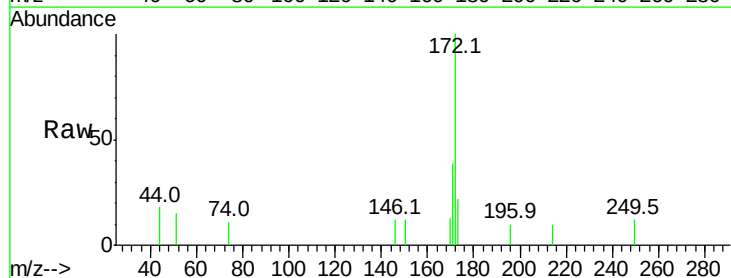
Instrument :
 BNA_G
 ClientSampleId :
 S32-9021

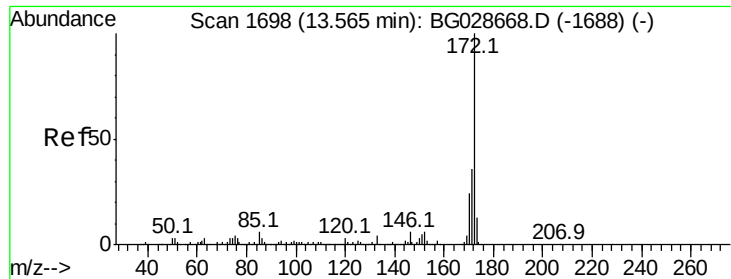
Tot Ion:196 Resp: 58
 Ion Ratio Lower Upper
 196 100
 198 0.0 81.4 122.2#
 200 0.0 27.0 40.6#



#43
 2,4,5-Trichlorophenol
 Concen: 0.026 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. 0.06 min
 Lab File: BG028678.D
 Acq: 12 Sep 2017 20:30

Tgt Ion:196 Resp: 57
 Ion Ratio Lower Upper
 196 100
 198 0.0 79.9 119.9#
 97 0.0 45.4 68.0#
 132 0.0 20.7 31.1#

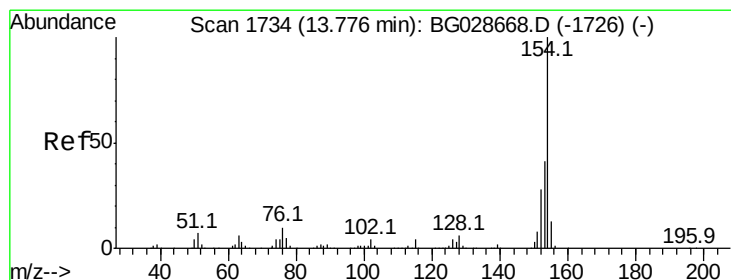
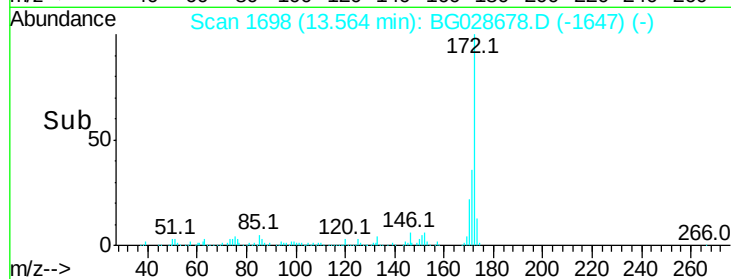
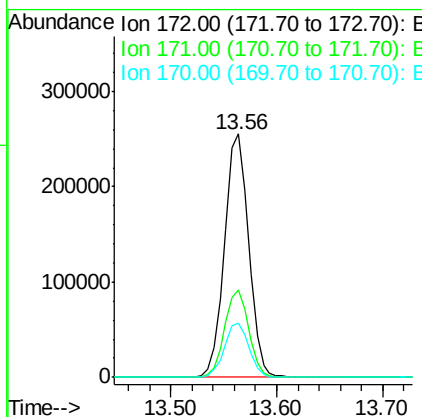
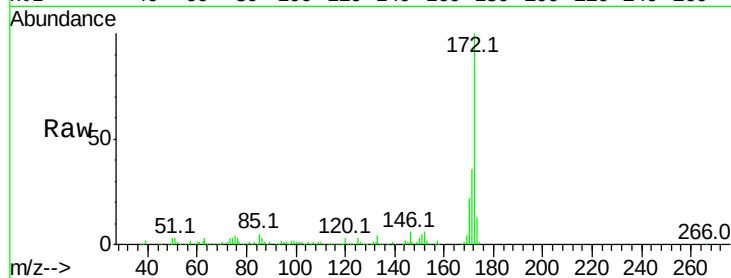




#44
2-Fluorobiphenyl
Concen: 64.463 ng
RT: 13.56 min Scan# 1698
Delta R.T. -0.00 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

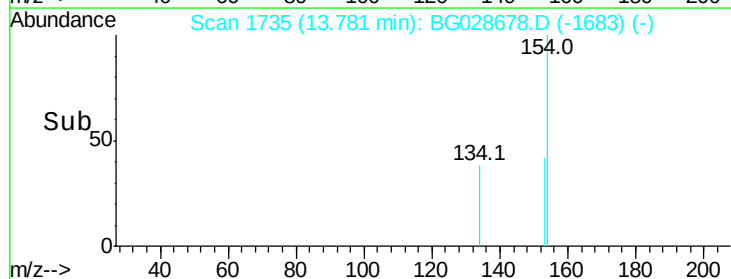
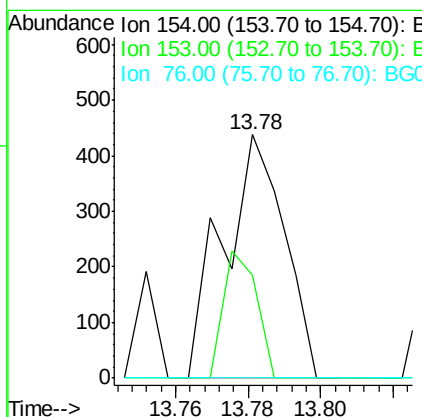
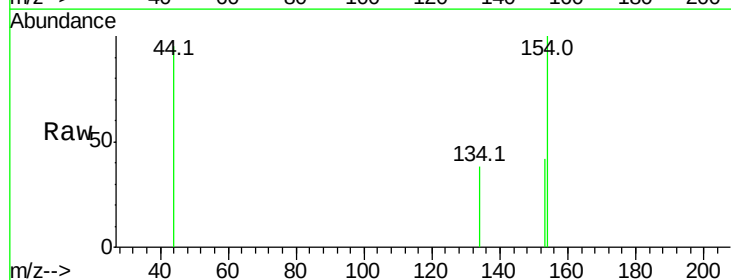
Instrument :
BNA_G
ClientSampleId :
S32-9021

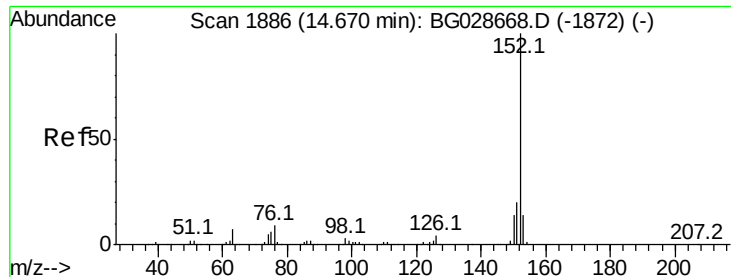
Tot Ion:172 Resp: 404101
Ion Ratio Lower Upper
172 100
171 36.0 32.2 48.2
170 22.3 21.8 32.6



#45
1,1'-Biphenyl
Concen: 0.074 ng
RT: 13.78 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

Tgt Ion:154 Resp: 509
Ion Ratio Lower Upper
154 100
153 42.5 23.0 63.0
76 0.0 0.0 33.5





#48

Acenaphthylene

Concen: 0.011 ng

RT: 14.77 min Scan# 1904

Delta R.T. 0.10 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

Instrument :

BNA_G

ClientSampleId :

S32-9021

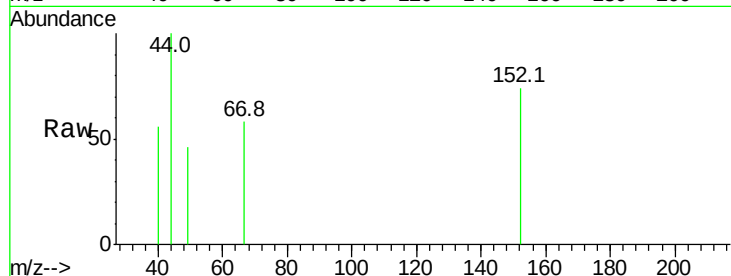
Tot Ion:152 Resp: 89

Ion Ratio Lower Upper

152 100

151 0.0 18.2 27.2#

153 0.0 11.3 16.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.77

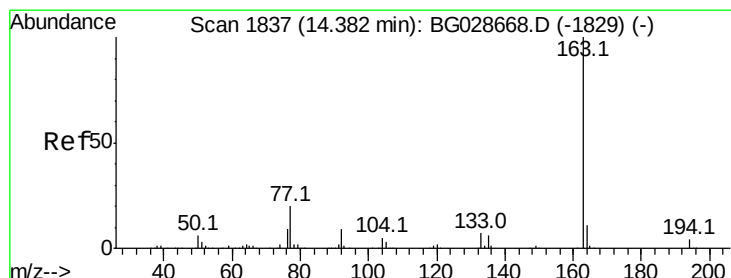
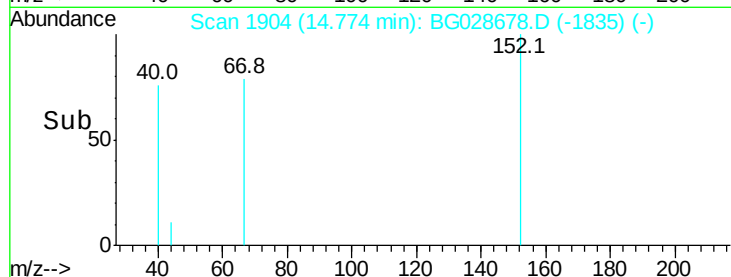
200

100

0

14.76 14.78

Time-->



#49

Dimethylphthalate

Concen: 6.985 ng

RT: 14.37 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

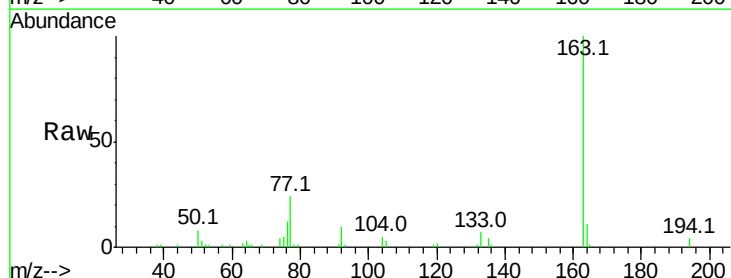
Tgt Ion:163 Resp: 48963

Ion Ratio Lower Upper

163 100

194 3.9 3.8 5.6

164 10.7 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

14.37

30000

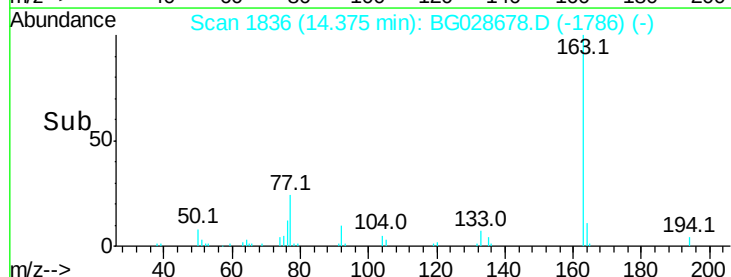
20000

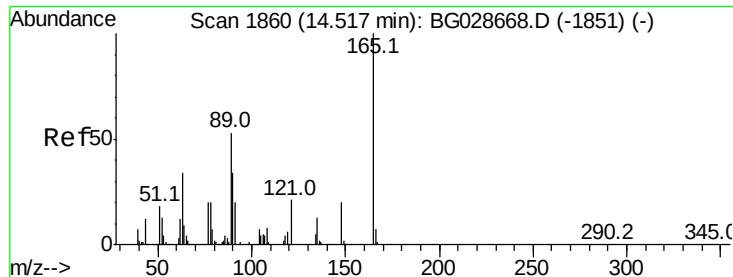
10000

0

14.30 14.40 14.50

Time-->

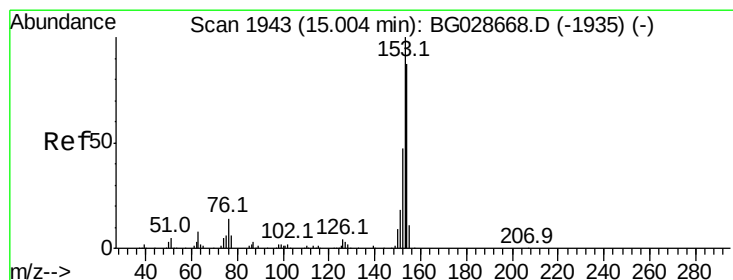
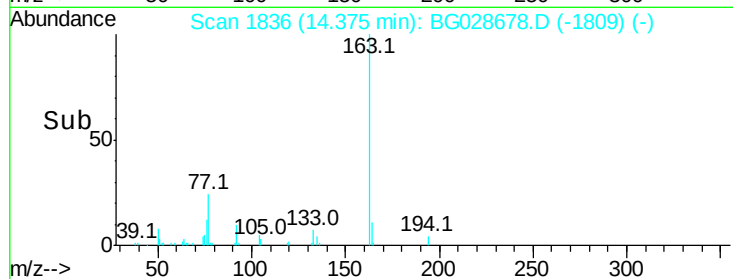
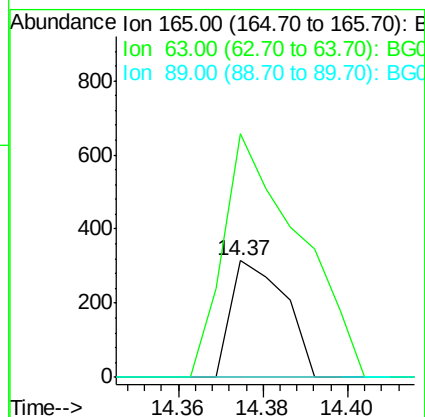
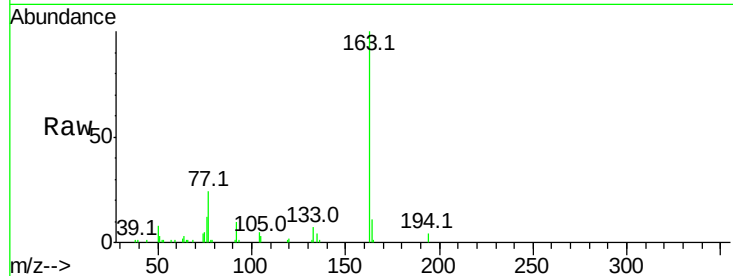




#50
2,6-Dinitrotoluene
Concen: 0.180 ng
RT: 14.37 min Scan# 1836
Delta R.T. -0.14 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

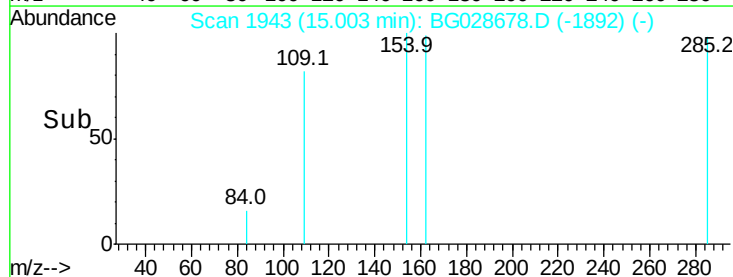
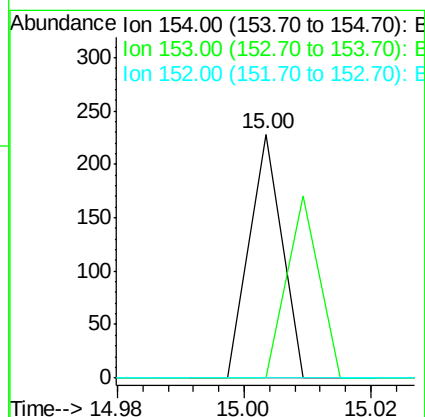
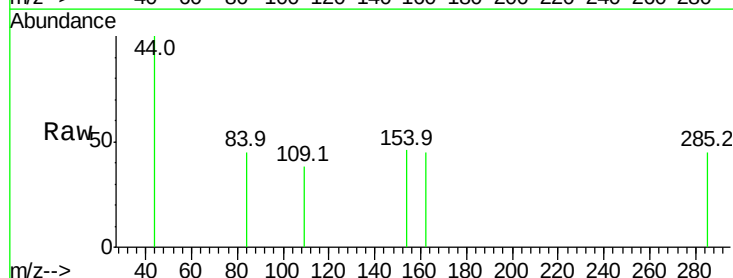
Instrument :
BNA_G
ClientSampled :
S32-9021

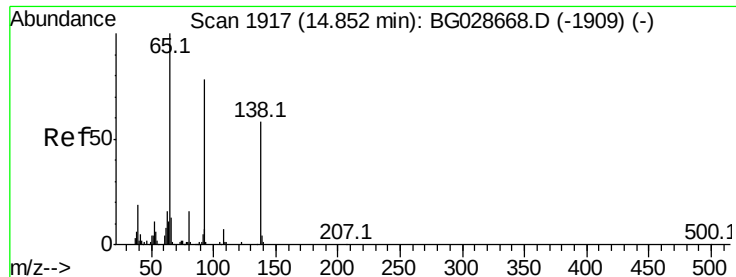
Tot Ion:165 Resp: 280
Ion Ratio Lower Upper
165 100
63 209.2 63.9 95.9#
89 0.0 58.6 88.0#



#51
Acenaphthene
Concen: 0.016 ng
RT: 15.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

Tgt Ion:154 Resp: 80
Ion Ratio Lower Upper
154 100
153 0.0 87.8 131.6#
152 0.0 42.2 63.4#





#52

3-Nitroaniline

Concen: 0.038 ng

RT: 14.90 min Scan# 1925

Delta R.T. 0.05 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

Instrument :

BNA_G

ClientSampleId :

S32-9021

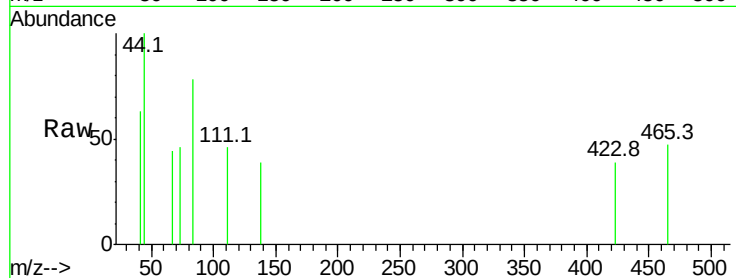
Tot Ion:138 Resp: 53

Ion Ratio Lower Upper

138 100

108 0.0 10.9 16.3#

92 0.0 115.3 172.9#



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): B

14.88 14.90

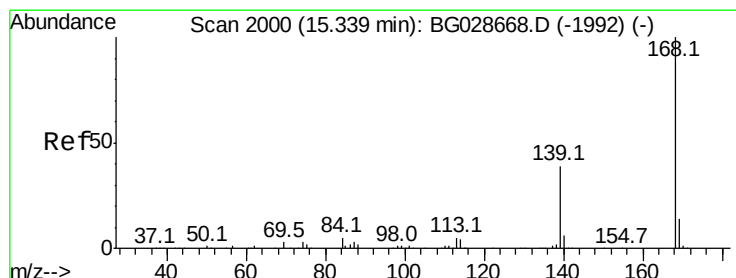
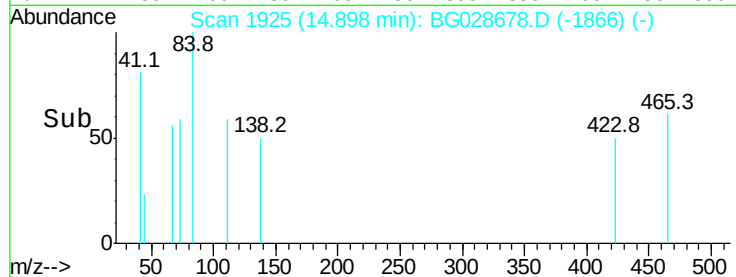
150

100

50

0

Time-->



#54

Dibenzofuran

Concen: 0.007 ng

RT: 15.34 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

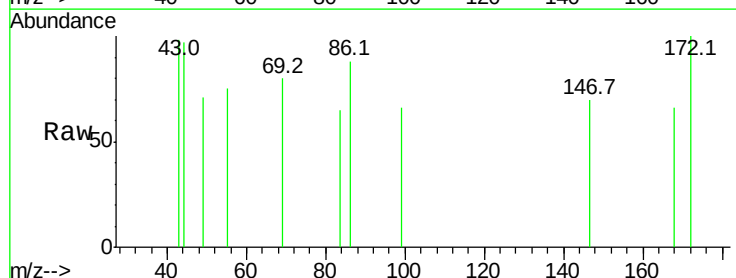
Tgt Ion:168 Resp: 54

Ion Ratio Lower Upper

168 100

139 0.0 35.3 52.9#

169 0.0 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

15.32 15.34

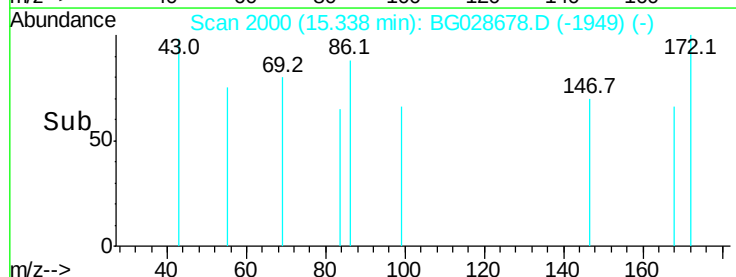
150

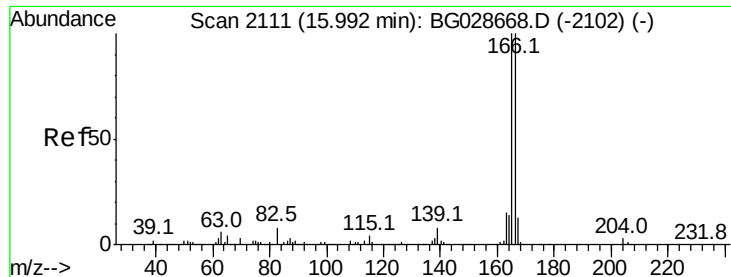
100

50

0

Time-->





#57

Fluorene

Concen: 0.008 ng

RT: 15.92 min Scan# 2099

Delta R.T. -0.07 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

Instrument :

BNA_G

ClientSampleId :

S32-9021

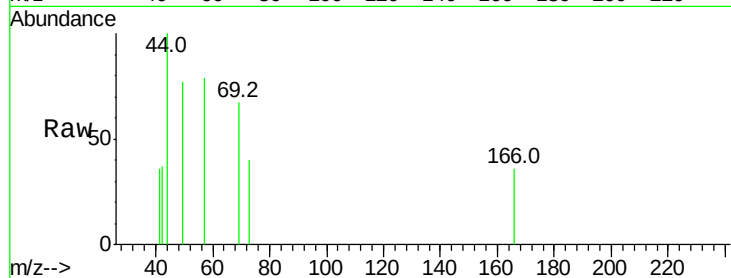
Tot Ion:166 Resp: 53

Ion Ratio Lower Upper

166 100

165 0.0 78.6 117.8#

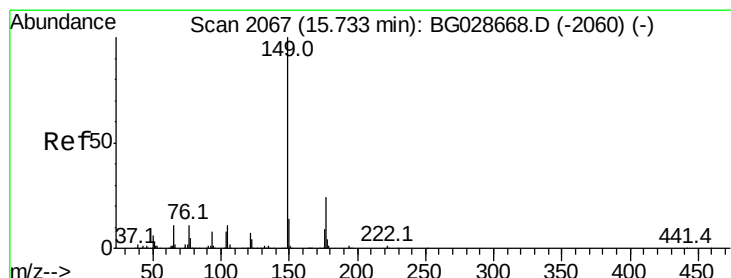
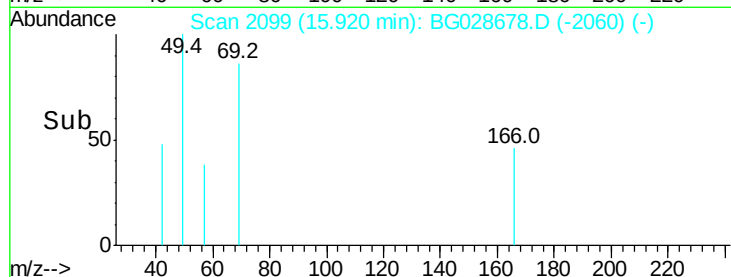
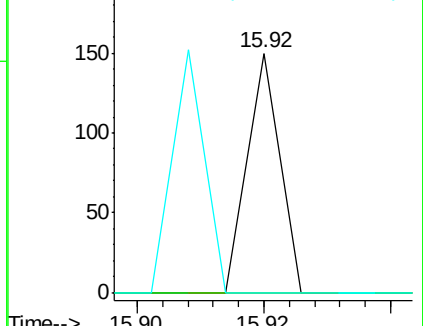
167 0.0 11.6 17.4#



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



#59

Diethylphthalate

Concen: 0.037 ng

RT: 15.73 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

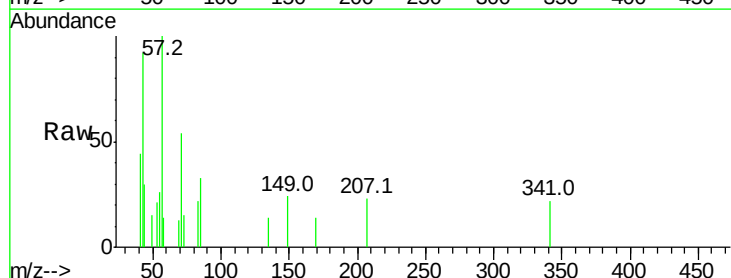
Tgt Ion:149 Resp: 266

Ion Ratio Lower Upper

149 100

177 0.0 20.1 30.1#

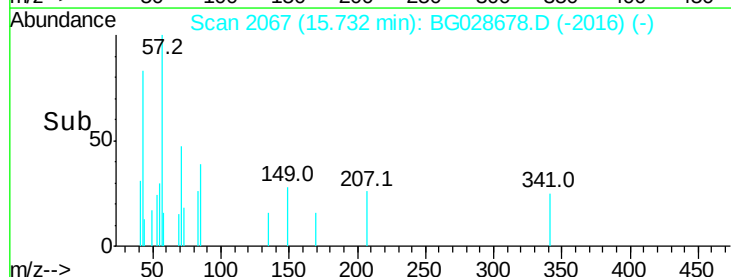
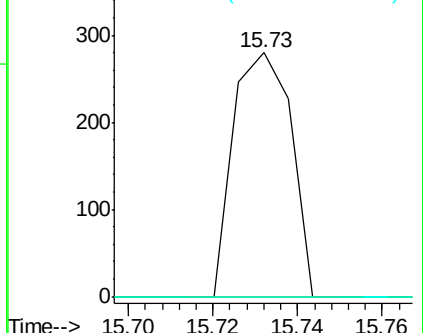
150 0.0 10.2 15.2#

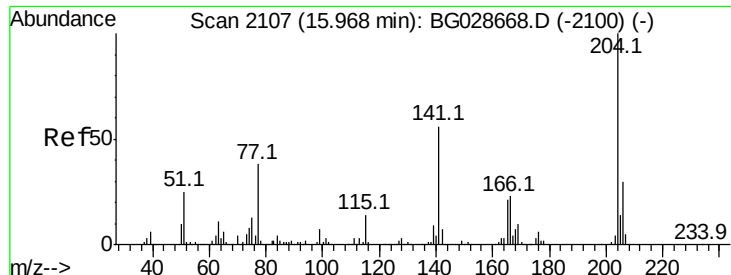


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

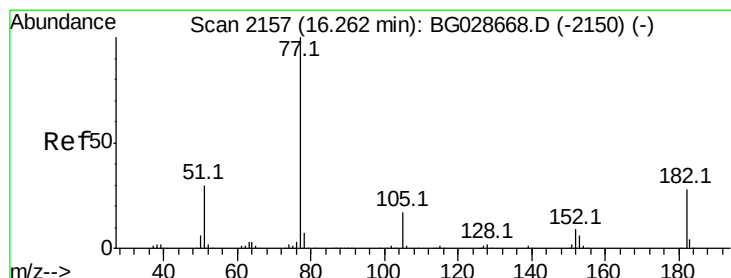
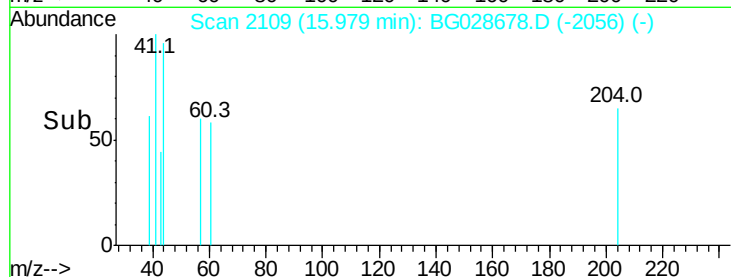
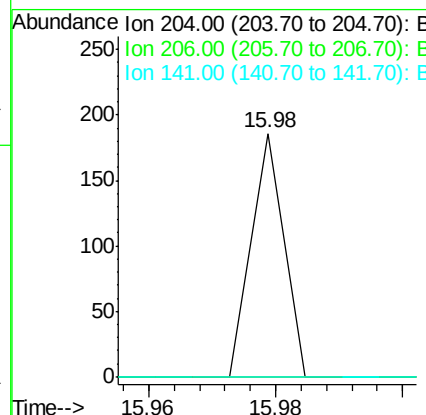
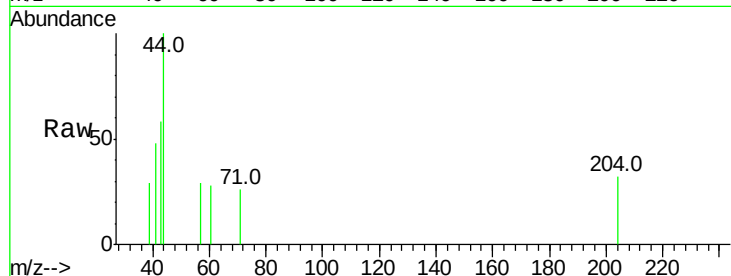




#60
 4-Chlorophenyl-phenylether
 Concen: 0.017 ng
 RT: 15.98 min Scan# 2109
 Delta R.T. 0.01 min
 Lab File: BG028678.D
 Acq: 12 Sep 2017 20:30

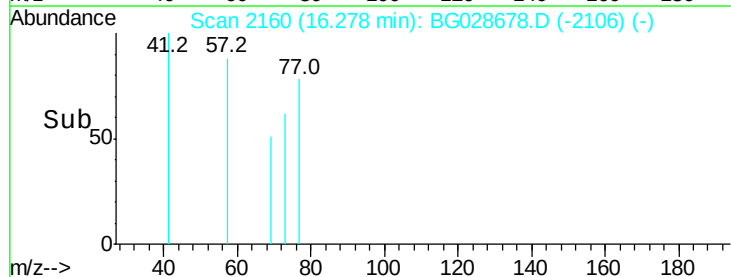
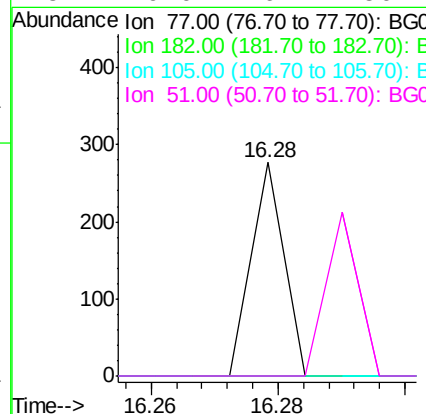
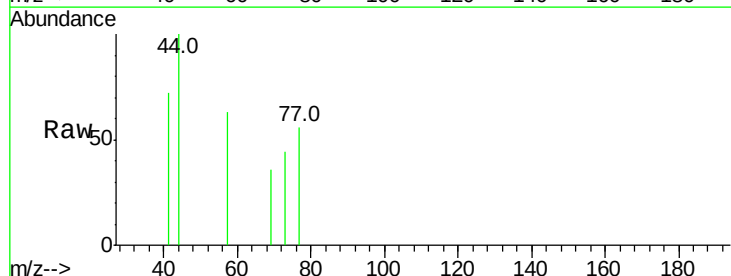
Instrument :
 BNA_G
 ClientSampleId :
 S32-9021

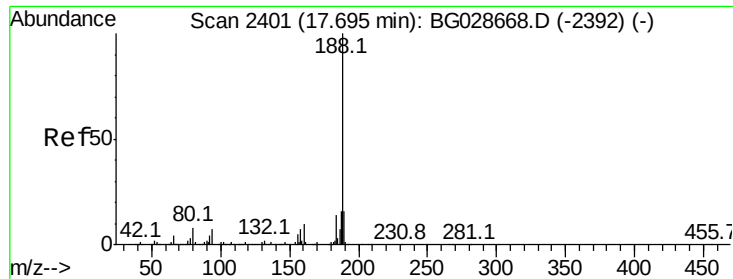
Tot Ion	Ratio	Lower	Upper
204	100		
206	0.0	30.1	45.1#
141	0.0	50.6	76.0#



#62
 Azobenzene
 Concen: 0.016 ng
 RT: 16.28 min Scan# 2160
 Delta R.T. 0.02 min
 Lab File: BG028678.D
 Acq: 12 Sep 2017 20:30

Tgt Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.7	44.7#
105	0.0	0.0	36.3
51	0.0	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: BG028678.D

Acq: 12 Sep 2017 20:30

Instrument :

BNA_G

ClientSampleId :

S32-9021

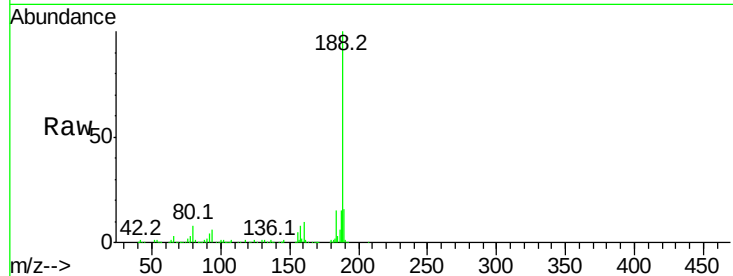
Tot Ion:188 Resp: 245980

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.8

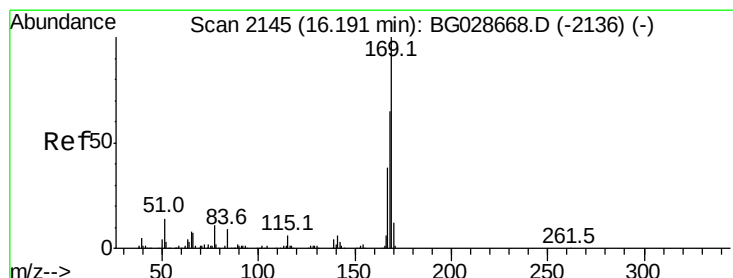
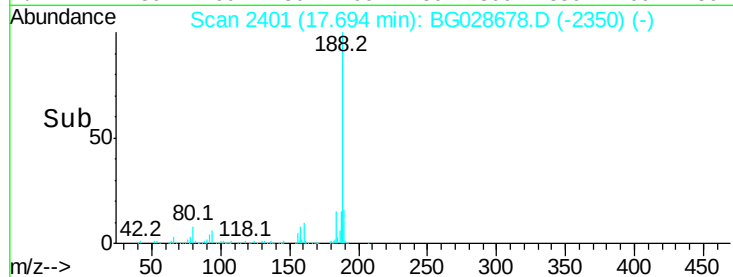
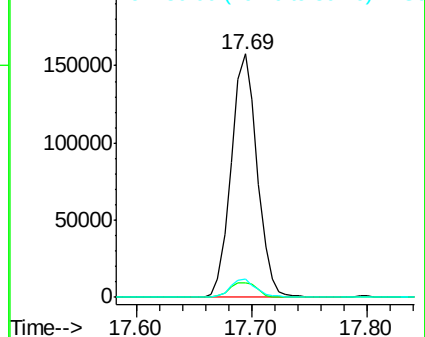
80 7.7 7.5 11.3



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



#65

n-Nitrosodiphenylamine

Concen: 0.737 ng

RT: 16.43 min Scan# 2186

Delta R.T. 0.24 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

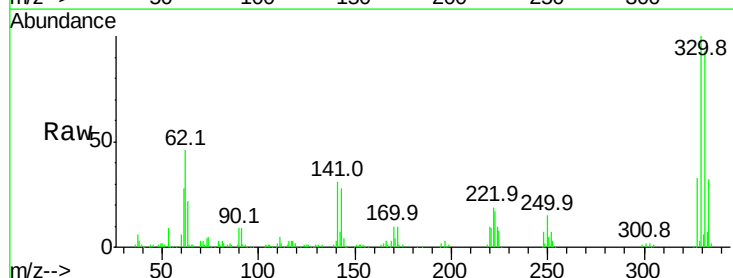
Tgt Ion:169 Resp: 5195

Ion Ratio Lower Upper

169 100

168 7.9 55.7 83.5#

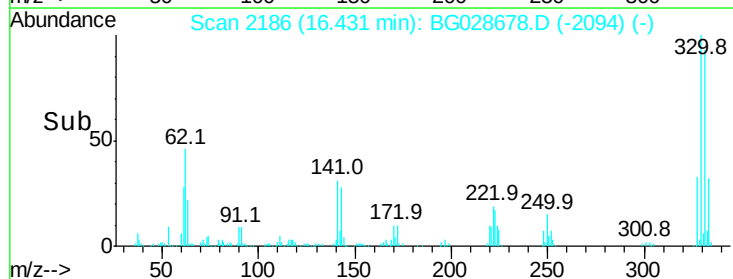
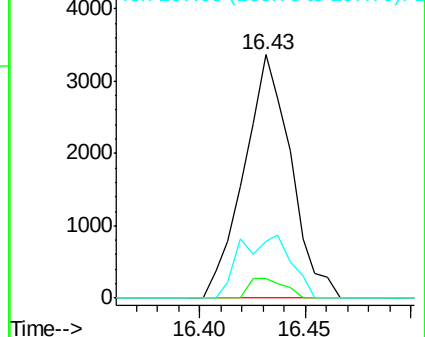
167 23.3 29.8 44.6#

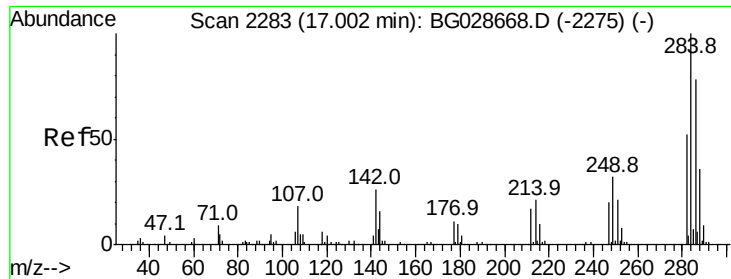


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

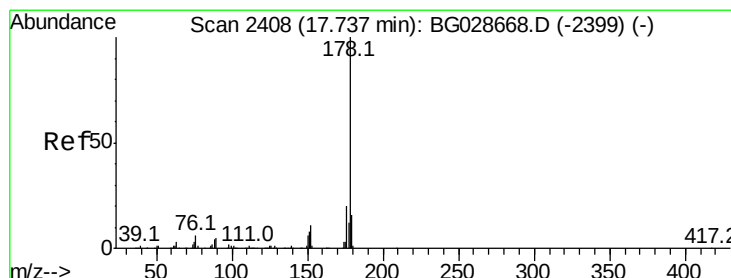
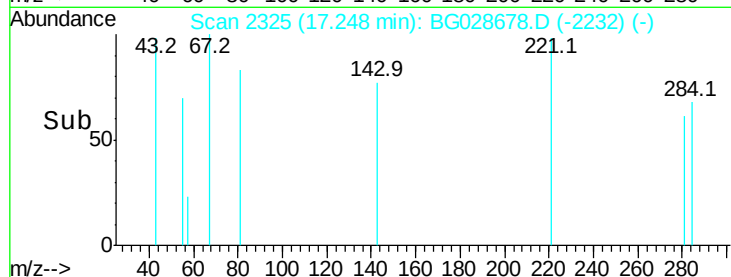
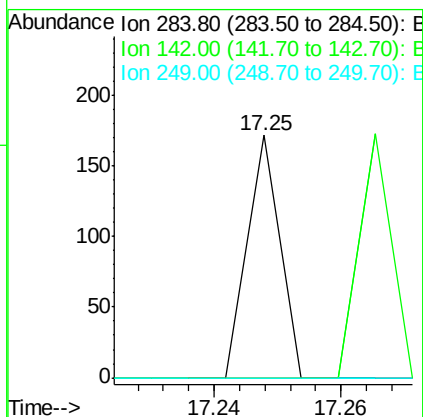
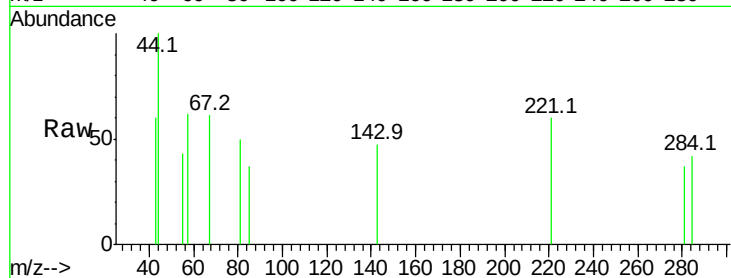




#67
Hexachlorobenzene
Concen: 0.017 ng
RT: 17.25 min Scan# 2325
Delta R.T. 0.25 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

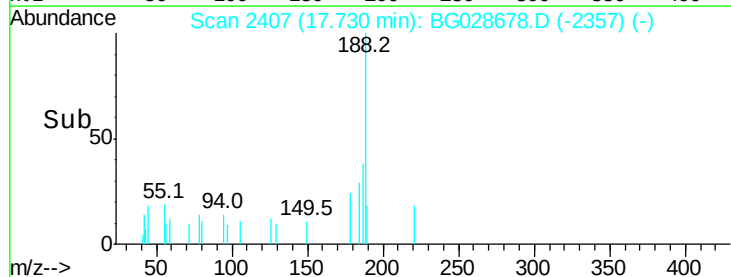
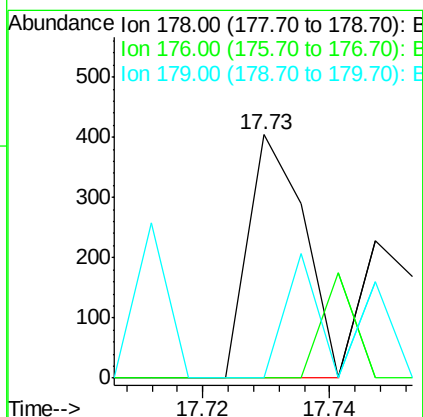
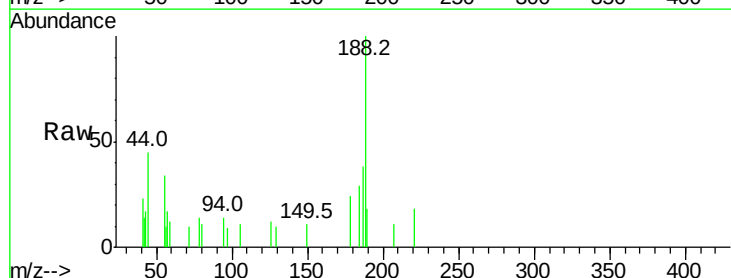
Instrument :
BNA_G
ClientSampleId :
S32-9021

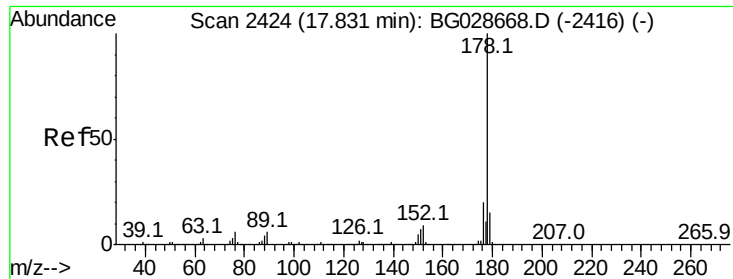
Tot Ion:284 Resp: 61
Ion Ratio Lower Upper
284 100
142 0.0 29.9 44.9#
249 0.0 29.2 43.8#



#70
Phenanthrene
Concen: 0.019 ng
RT: 17.73 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

Tgt Ion:178 Resp: 245
Ion Ratio Lower Upper
178 100
176 0.0 17.7 26.5#
179 0.0 15.0 22.6#





#71

Anthracene

Concen: 0.019 ng

RT: 17.73 min Scan# 2407

Delta R.T. -0.10 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

Instrument :

BNA_G

ClientSampleId :

S32-9021

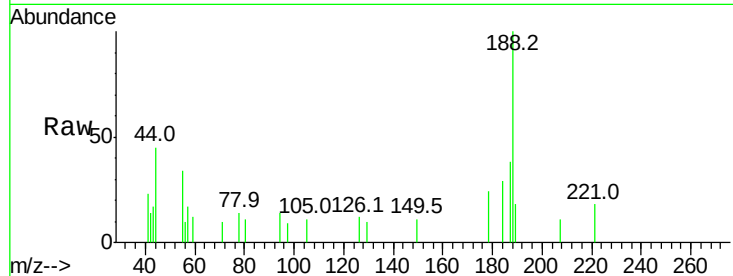
Tot Ion:178 Resp: 245

Ion Ratio Lower Upper

178 100

176 0.0 16.4 24.6#

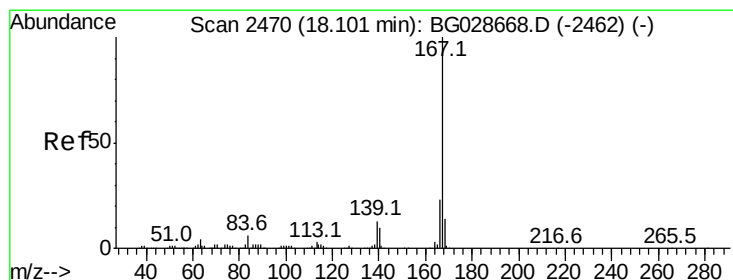
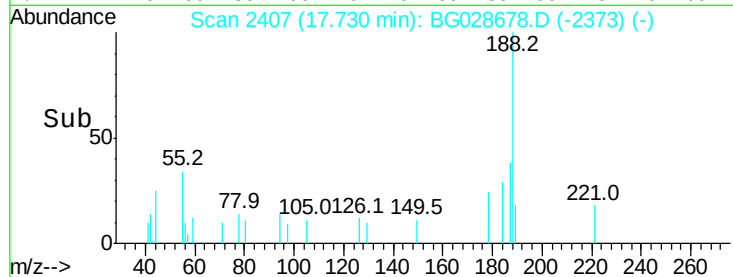
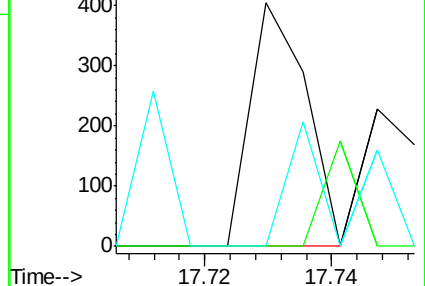
179 0.0 13.8 20.8#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 0.007 ng

RT: 18.11 min Scan# 2472

Delta R.T. 0.01 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

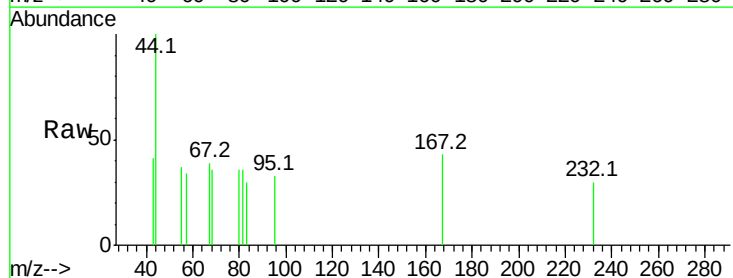
Tgt Ion:167 Resp: 78

Ion Ratio Lower Upper

167 100

166 0.0 20.2 30.2#

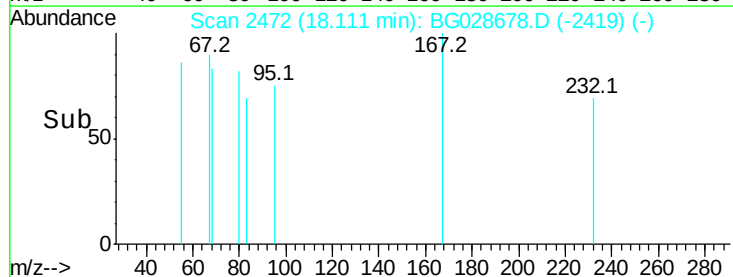
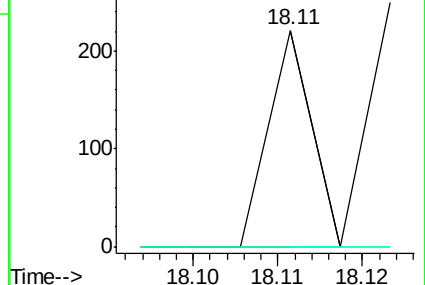
139 0.0 12.8 19.2#

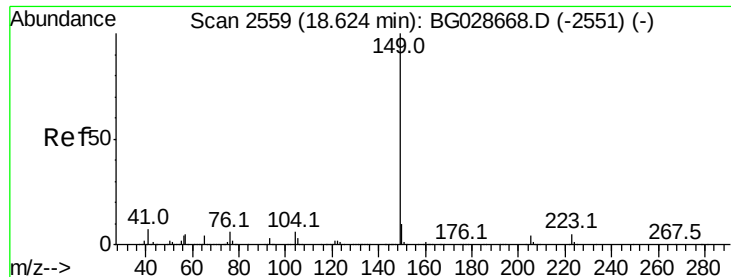


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

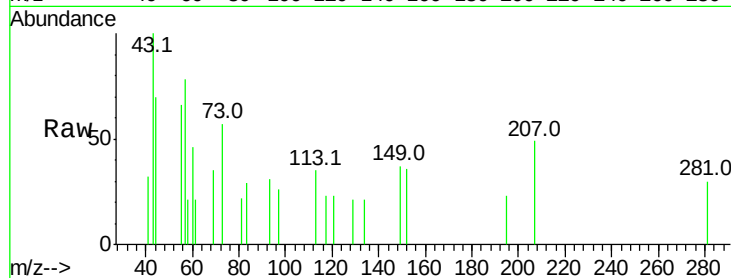




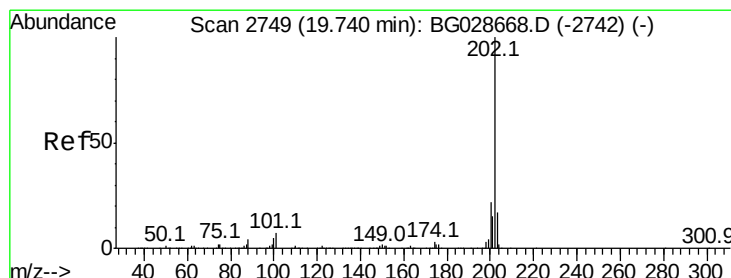
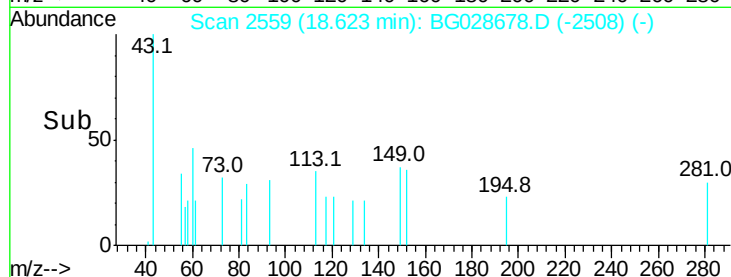
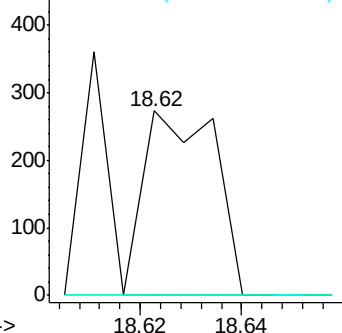
#73
Di-n-butylphthalate
Concen: 0.019 ng
RT: 18.62 min Scan# 2559
Delta R.T. -0.00 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

Instrument :
BNA_G
ClientSampleId :
S32-9021

Tot Ion	Ratio	Lower	Upper
149	100		
150	0.0	9.1	13.7#
104	0.0	6.7	10.1#

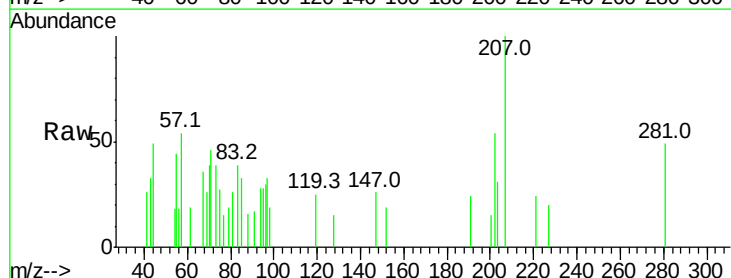


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

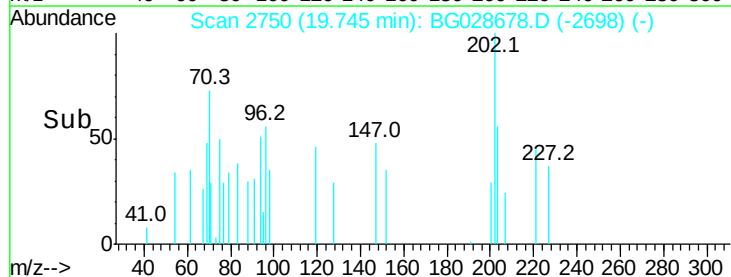
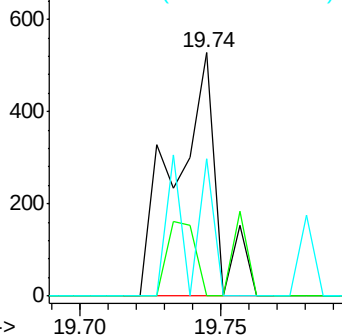


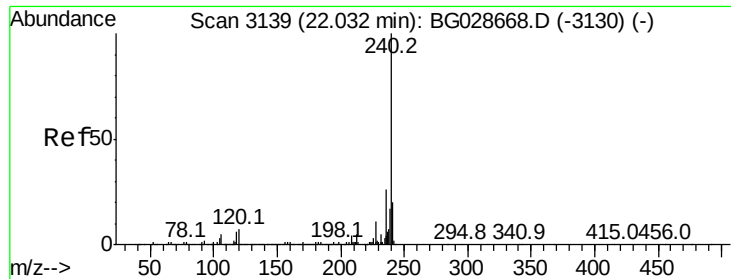
#74
Fluoranthene
Concen: 0.035 ng
RT: 19.74 min Scan# 2750
Delta R.T. 0.00 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.1
203	56.4	1.3	41.3#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

Instrument :

BNA_G

ClientSampleId :

S32-9021

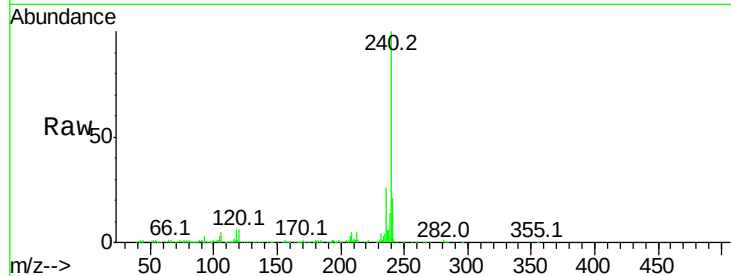
Tot Ion:240 Resp: 285228

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

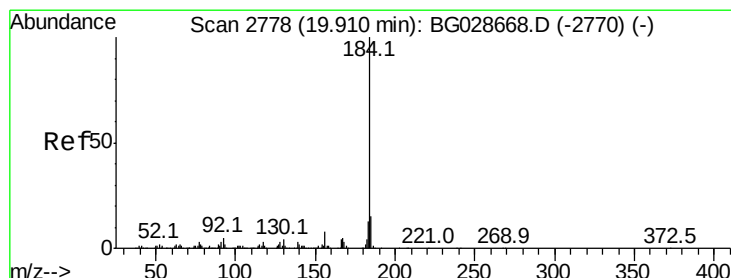
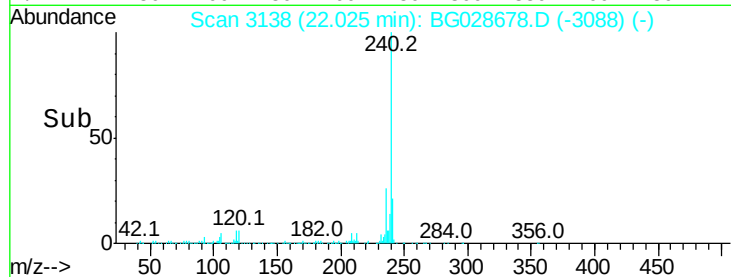
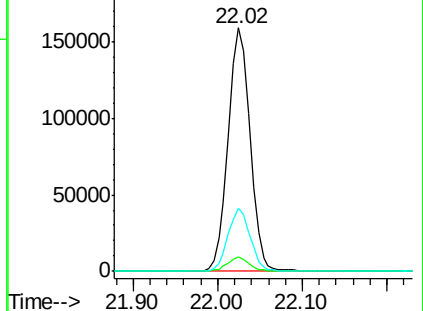
236 25.7 22.2 33.4



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: 0.030 ng

RT: 19.95 min Scan# 2785

Delta R.T. 0.04 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

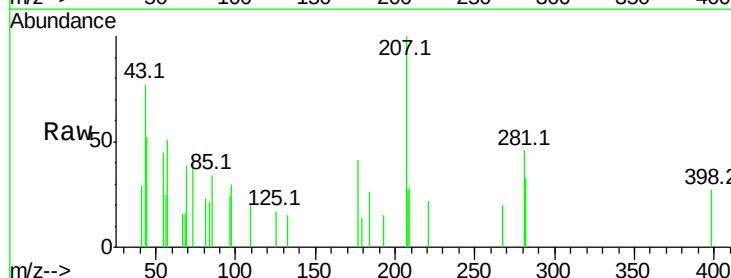
Tgt Ion:184 Resp: 222

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.6#

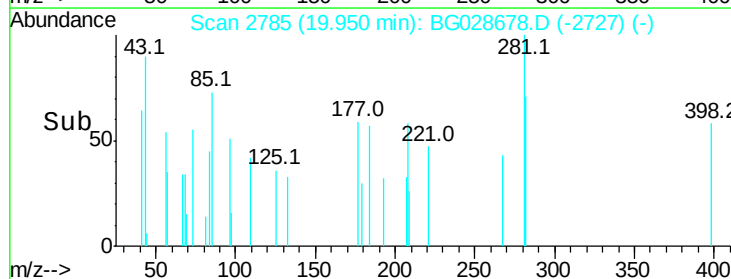
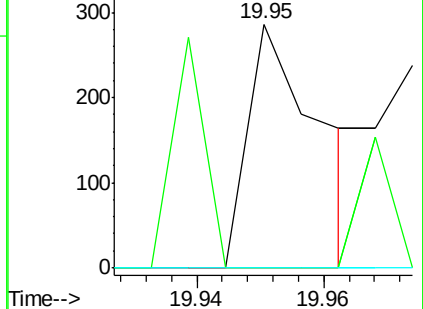
183 0.0 11.0 16.6#

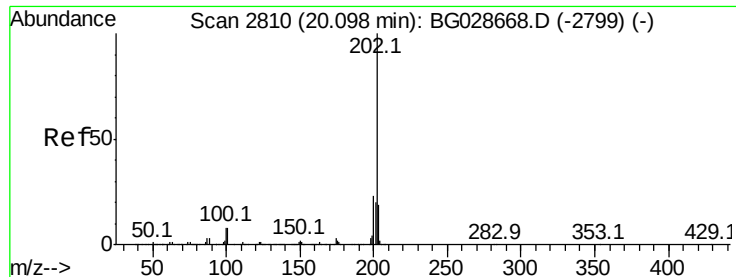


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.063 ng

RT: 20.10 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

Instrument :

BNA_G

ClientSampled :

S32-9021

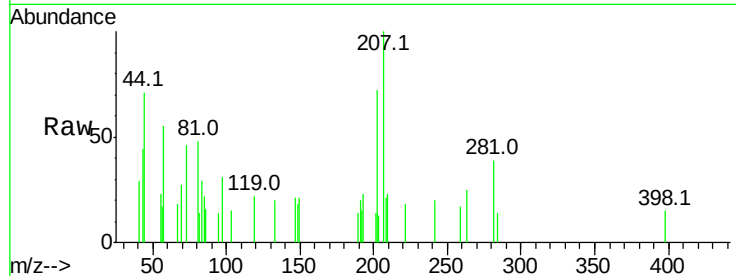
Tot Ion:202 Resp: 1035

Ion Ratio Lower Upper

202 100

200 0.0 19.6 29.4#

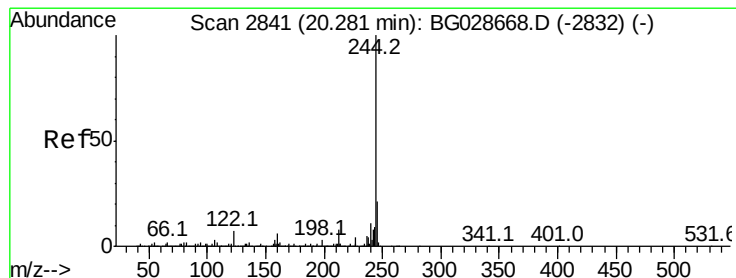
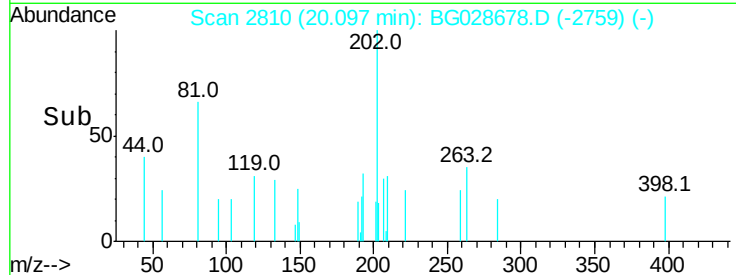
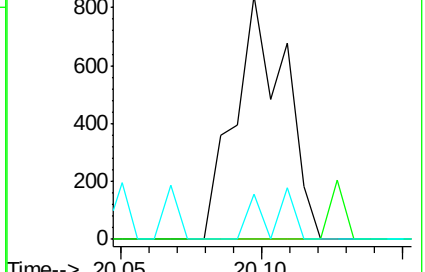
203 18.4 15.8 23.8



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: 61.507 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

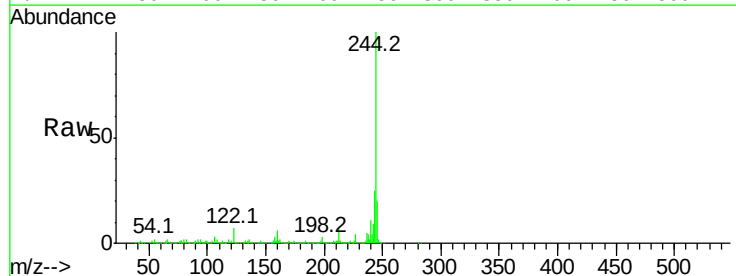
Tgt Ion:244 Resp: 822645

Ion Ratio Lower Upper

244 100

212 7.3 10.0 15.0#

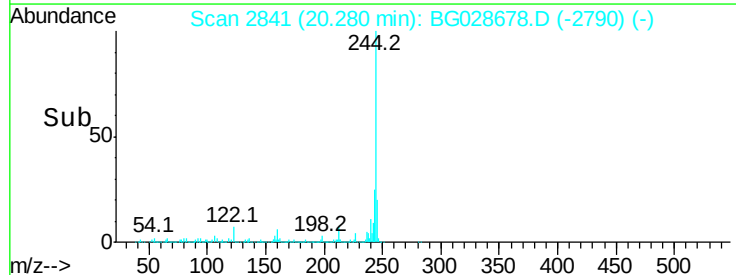
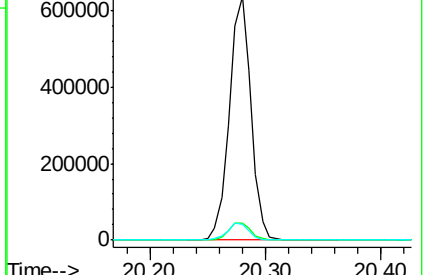
122 6.7 8.6 12.8#

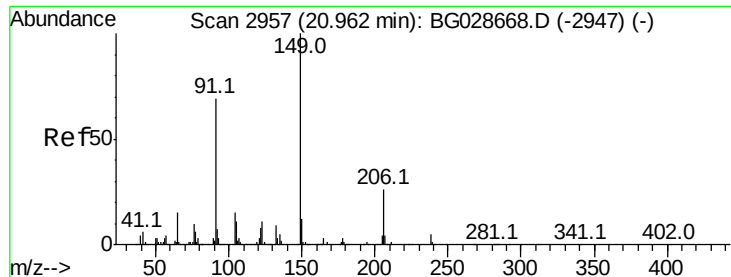


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 0.026 ng

RT: 20.96 min Scan# 2957

Delta R.T. -0.00 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

Instrument :

BNA_G

ClientSampleId :

S32-9021

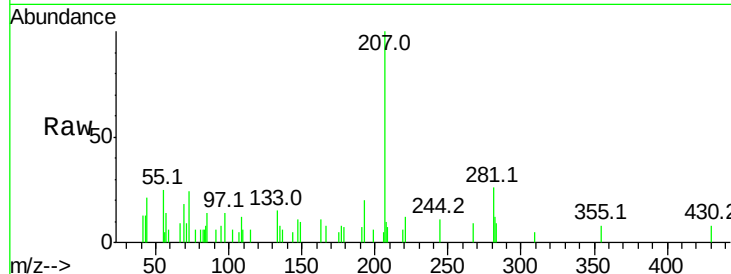
Tot Ion:149 Resp: 175

Ion Ratio Lower Upper

149 100

91 62.6 63.5 95.3#

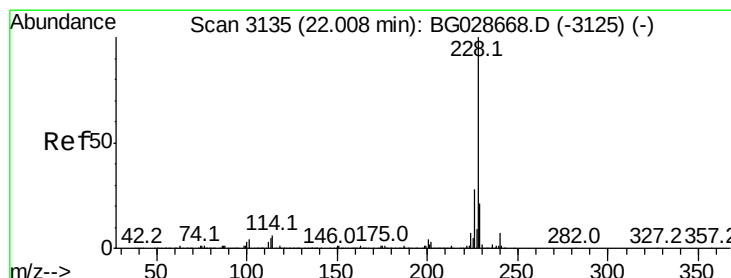
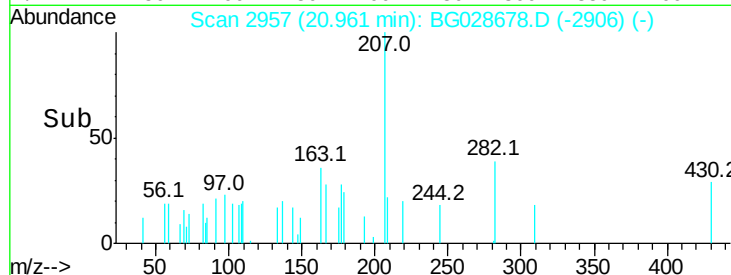
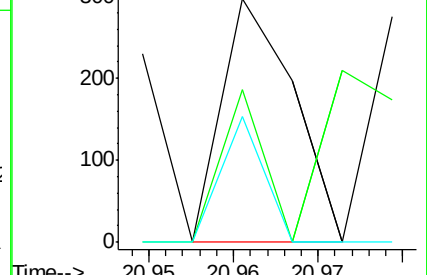
206 51.5 21.0 31.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BGC

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 0.099 ng

RT: 22.02 min Scan# 3137

Delta R.T. 0.01 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

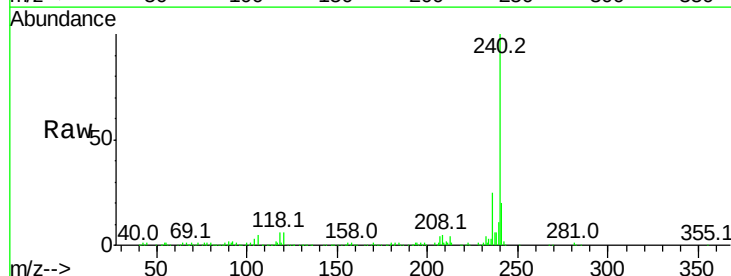
Tgt Ion:228 Resp: 1706

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

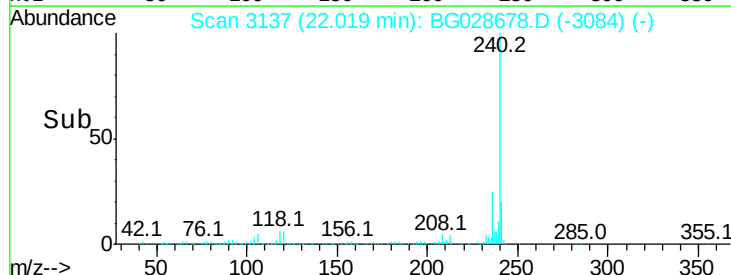
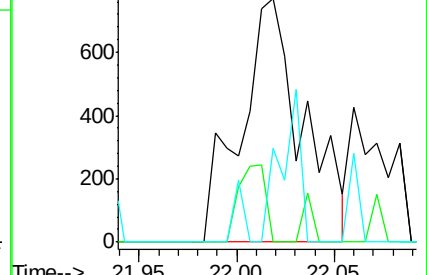
229 38.4 18.2 27.2#

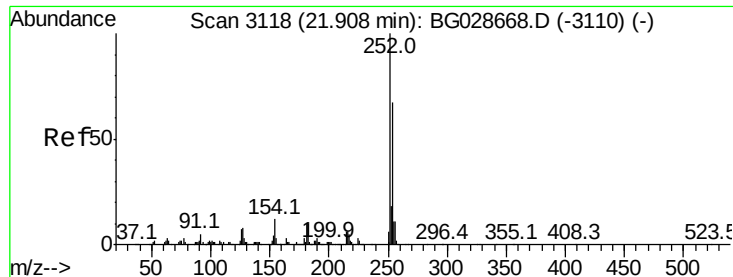


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

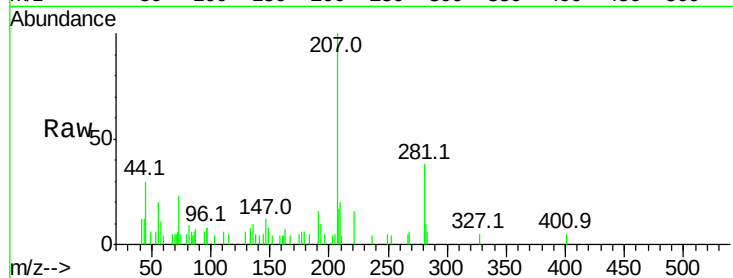




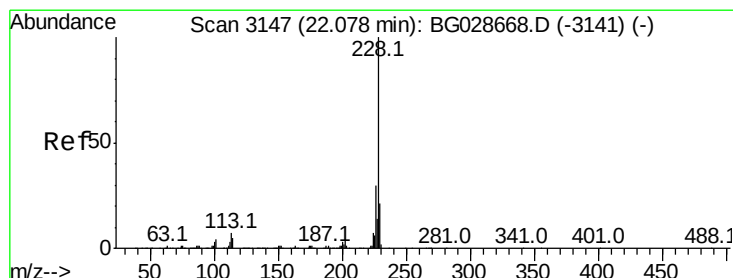
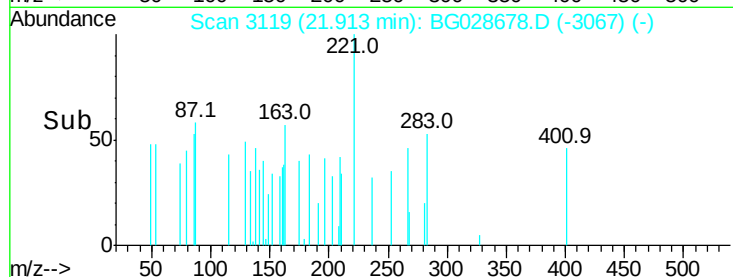
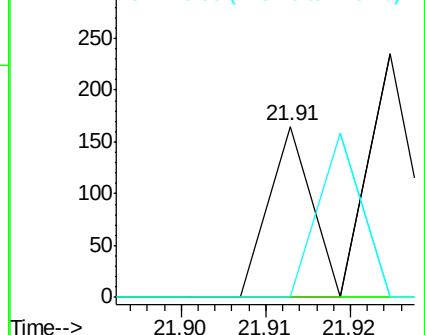
#81
 3,3'-Dichlorobenzidine
 Concen: 0.008 ng
 RT: 21.91 min Scan# 3119
 Delta R.T. 0.00 min
 Lab File: BG028678.D
 Acq: 12 Sep 2017 20:30

Instrument :
 BNA_G
 ClientSampleId :
 S32-9021

Tot Ion	Ratio	Lower	Upper
252	100		
254	0.0	53.1	79.7#
126	0.0	7.0	10.4#

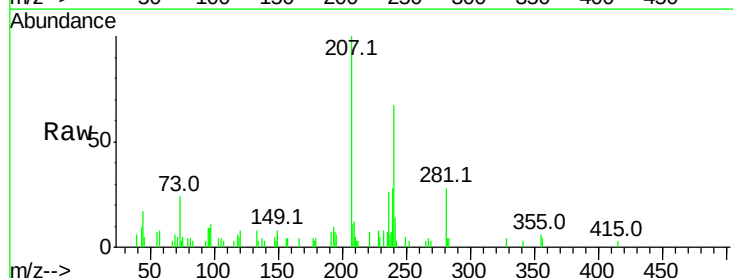


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

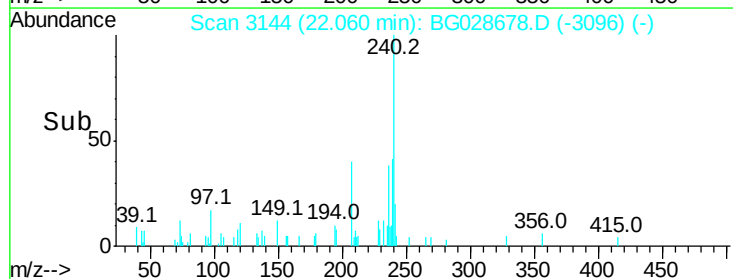
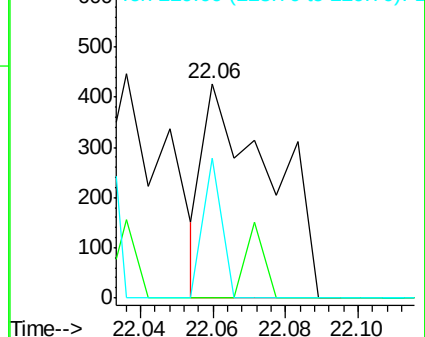


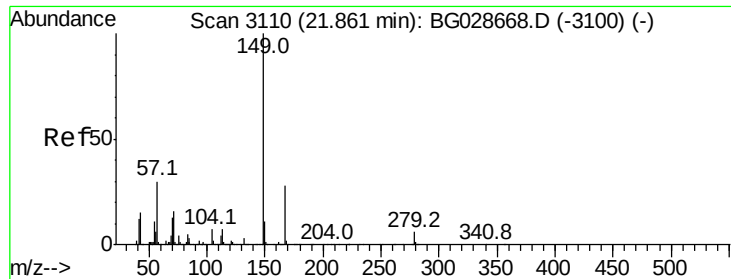
#82
 Chrysene
 Concen: 0.033 ng
 RT: 22.06 min Scan# 3144
 Delta R.T. -0.02 min
 Lab File: BG028678.D
 Acq: 12 Sep 2017 20:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	27.0	40.4#
229	65.3	17.8	26.6#



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.232 ng

RT: 21.87 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

Instrument :

BNA_G

ClientSampled :

S32-9021

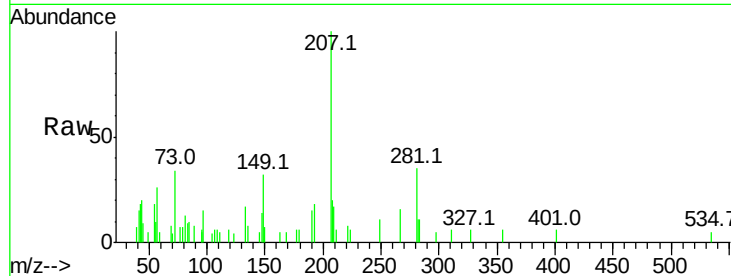
Tot Ion:149 Resp: 2196

Ion Ratio Lower Upper

149 100

167 0.0 23.7 35.5#

279 0.0 4.6 6.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

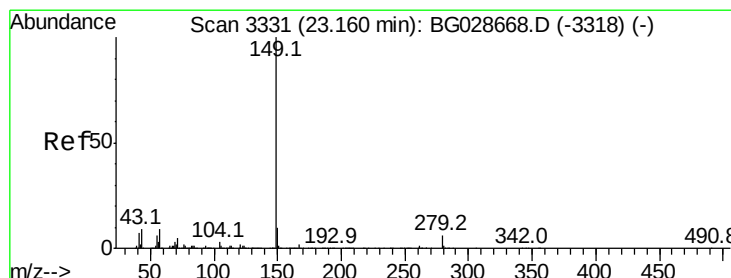
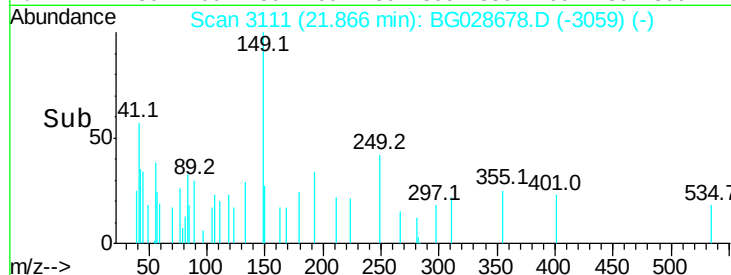
21.87

1000

500

0

Time-->



#84

Di-n-octyl phthalate

Concen: 0.021 ng

RT: 23.16 min Scan# 3331

Delta R.T. -0.00 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

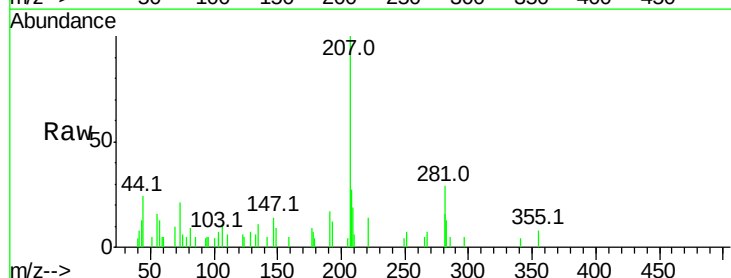
Tgt Ion:149 Resp: 350

Ion Ratio Lower Upper

149 100

167 19.7 1.4 2.2#

43 0.0 11.8 17.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

23.16

1200

1000

800

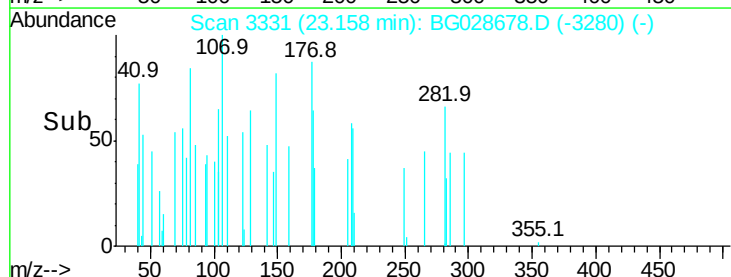
600

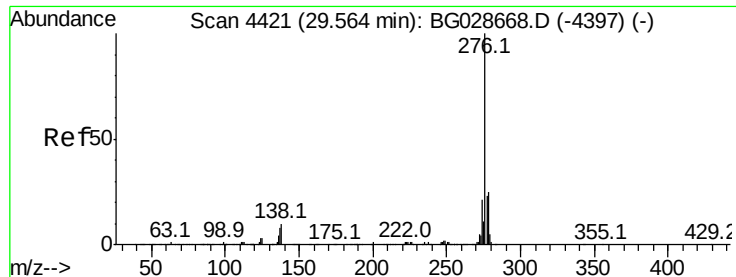
400

200

0

Time-->

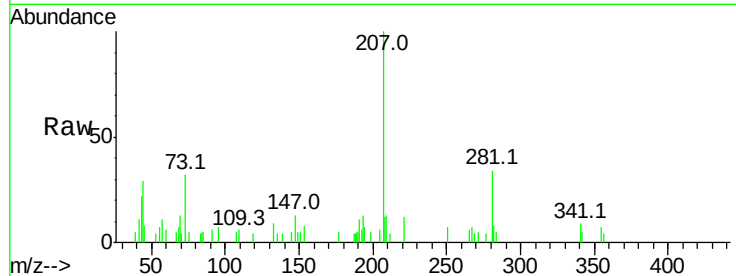




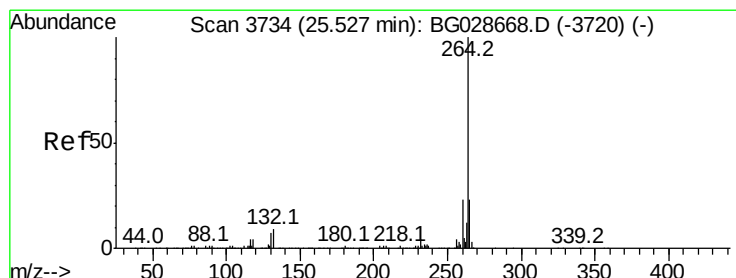
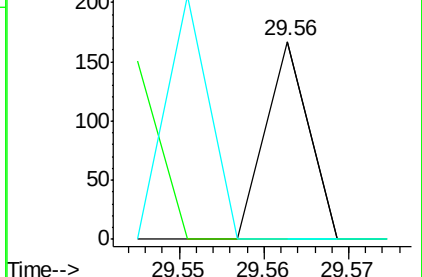
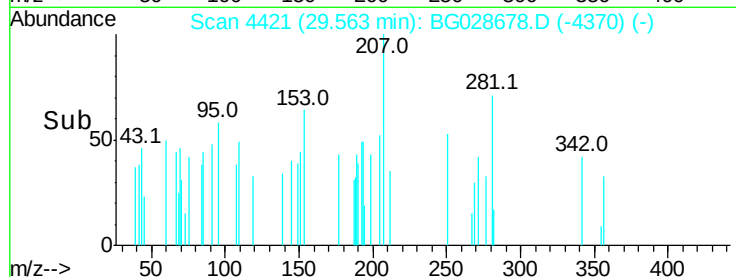
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.003 ng
RT: 29.56 min Scan# 4421
Delta R.T. -0.00 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

Instrument :
BNA_G
ClientSampled :
S32-9021

Tot Ion:276 Resp: 59
Ion Ratio Lower Upper
276 100
138 89.8 4.7 7.1#
277 123.7 20.6 31.0#

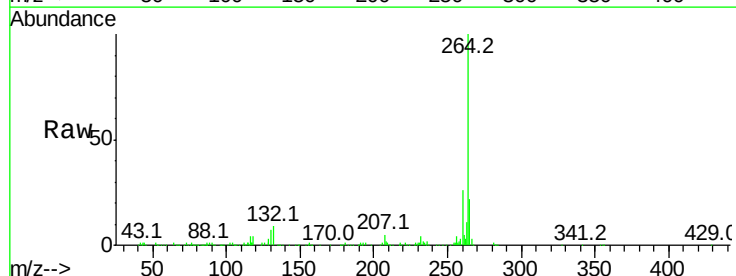


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

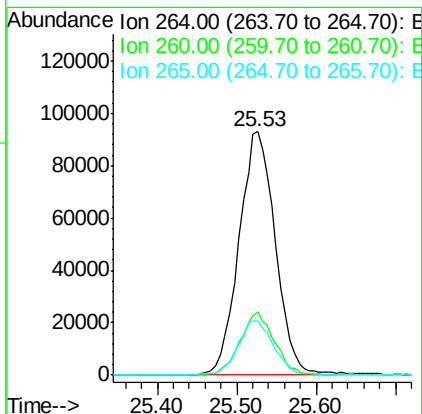
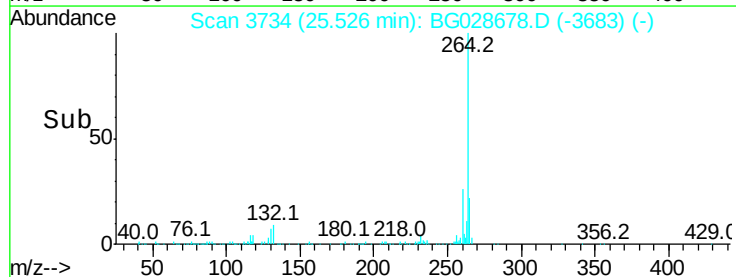


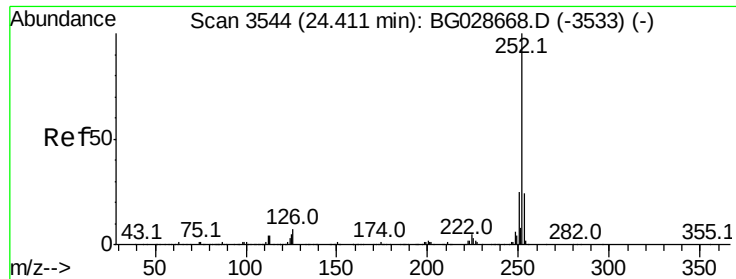
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.53 min Scan# 3734
Delta R.T. -0.00 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

Tgt Ion:264 Resp: 295428
Ion Ratio Lower Upper
264 100
260 26.0 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: 0.025 ng

RT: 24.40 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

Instrument :

BNA_G

ClientSampleId :

S32-9021

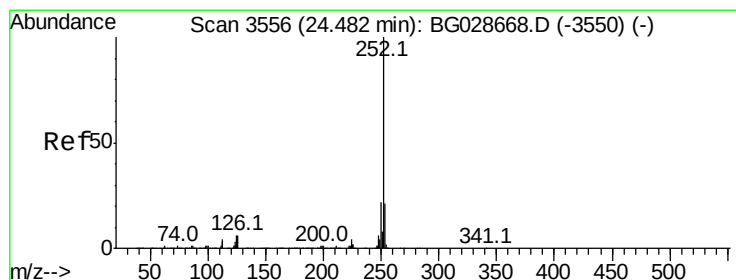
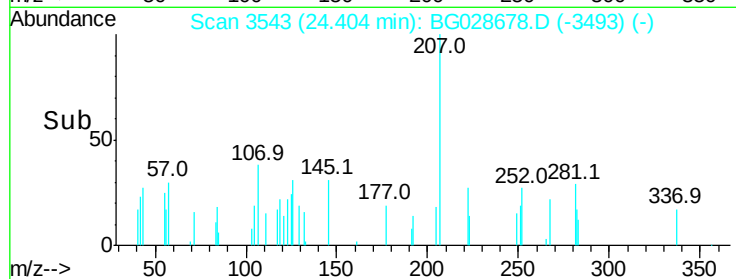
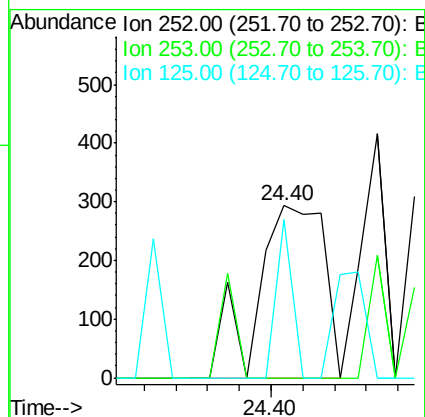
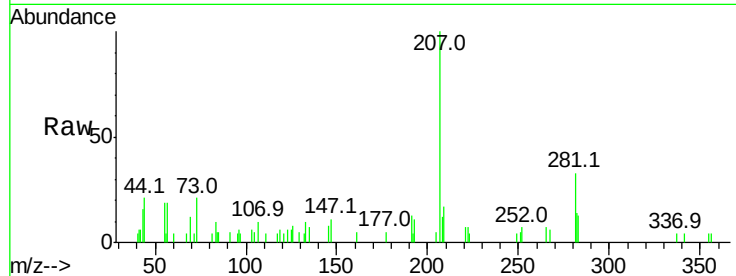
Tot Ion:252 Resp: 434

Ion Ratio Lower Upper

252 100

253 0.0 18.7 28.1#

125 91.8 5.3 7.9#



#88

Benzo(k)fluoranthene

Concen: 0.004 ng

RT: 24.50 min Scan# 3559

Delta R.T. 0.02 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

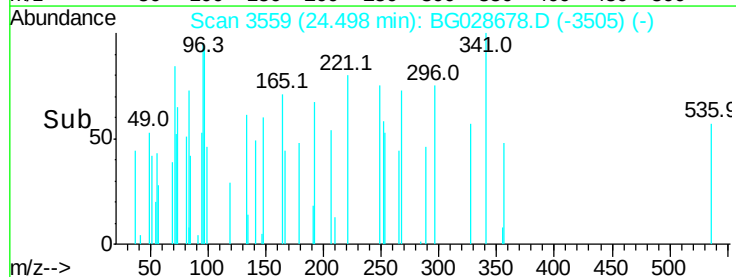
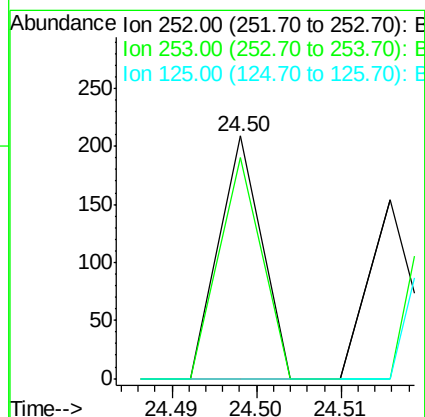
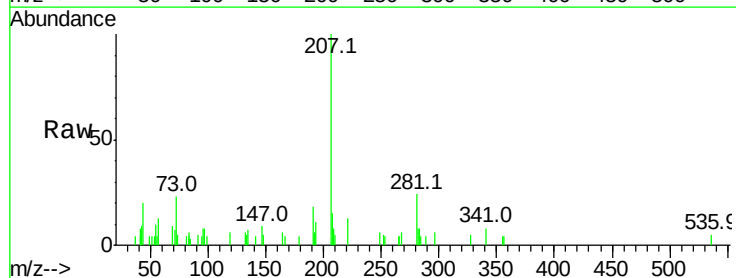
Tgt Ion:252 Resp: 74

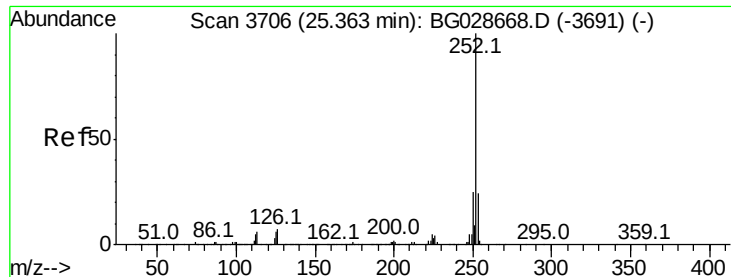
Ion Ratio Lower Upper

252 100

253 90.9 20.2 30.2#

125 0.0 5.1 7.7#





#89

Benzo(a)pyrene

Concen: 0.017 ng

RT: 25.36 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

Instrument :

BNA_G

ClientSampled :

S32-9021

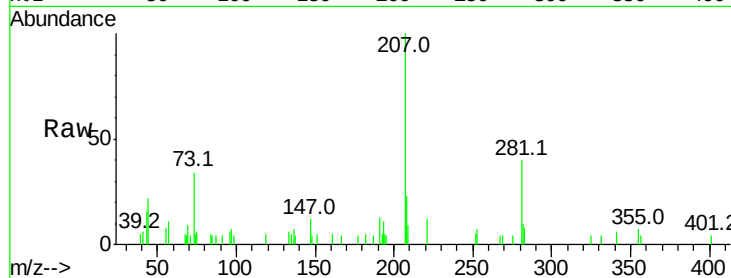
Tot Ion:252 Resp: 292

Ion Ratio Lower Upper

252 100

253 0.0 19.2 28.8#

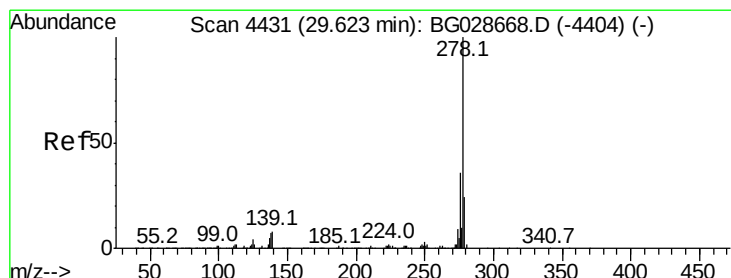
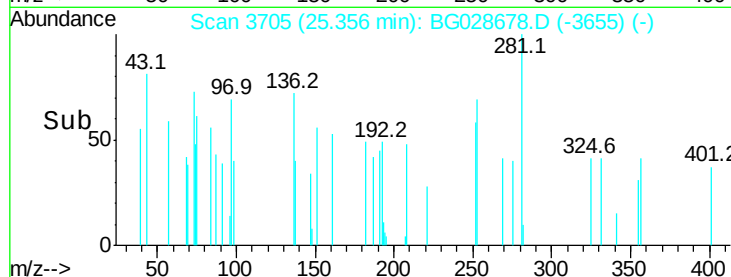
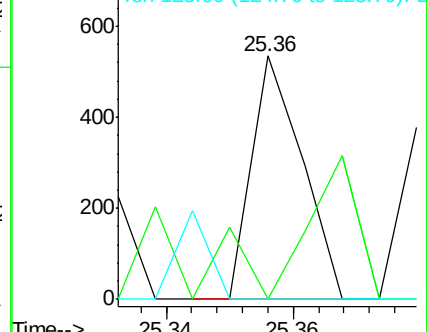
125 0.0 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 29.63 min Scan# 4432

Delta R.T. 0.00 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

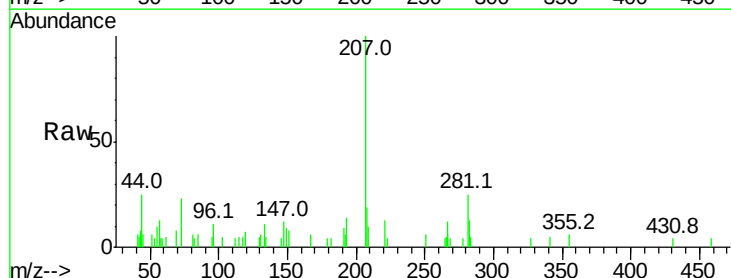
Tgt Ion:278 Resp: 56

Ion Ratio Lower Upper

278 100

139 0.0 7.7 11.5#

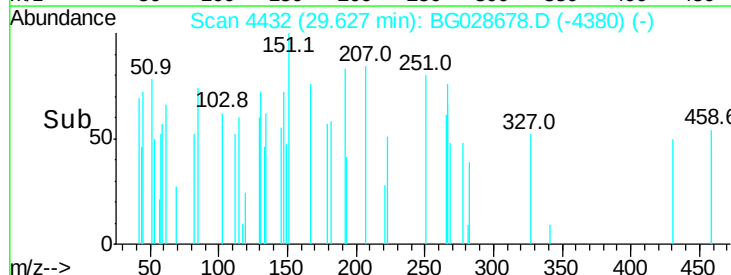
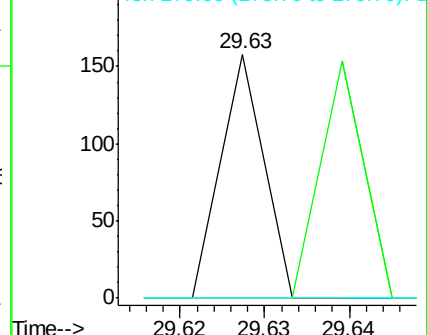
279 0.0 19.1 28.7#

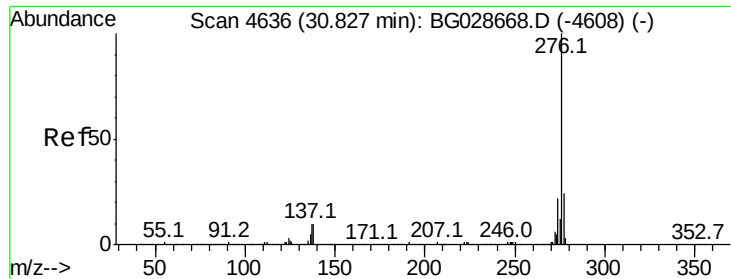


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 0.007 ng

RT: 30.83 min Scan# 4636

Delta R.T. -0.00 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

Instrument :

BNA_G

ClientSampleId :

S32-9021

Tot Ion:276 Resp: 121

Ion Ratio Lower Upper

276 100

277 107.6 18.6 27.8#

138 0.0 8.1 12.1#

