

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031673.D
 Acq On : 21 Dec 2017 14:58
 Operator : SJ/JU
 Sample : PB105021BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 21 17:14:25 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 14:09:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	56117	20.00	ng	0.00
21) Naphthalene-d8	11.72	136	227238	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	155474	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	409073	20.00	ng	0.00
75) Chrysene-d12	22.57	240	516807	20.00	ng	0.00
86) Perylene-d12	26.36	264	533424	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.25	112	407239	132.18	ng	0.00
7) Phenol-d6	7.93	99	503252	125.81	ng	0.00
23) Nitrobenzene-d5	10.03	82	252133	83.78	ng	0.00
41) 2,4,6-Tribromophenol	16.94	330	301710	127.18	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	992060	80.09	ng	0.00
78) Terphenyl-d14	20.74	244	1841967	81.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.03	88	55	0.048	ng	# 11
3) Pyridine	4.85	79	57	0.019	ng	# 15
4) n-Nitrosodimethylamine	4.25	42	55	0.045	ng	# 1
6) Aniline	7.90	93	53	0.010	ng	# 1
8) 2-Chlorophenol	8.62	128	62	0.017	ng	# 29
9) Benzaldehyde	8.34	77	9645	4.004	ng	90
10) Phenol	8.34	94	882	0.218	ng	# 1
11) bis(2-Chloroethyl)ether	8.34	93	624	0.186	ng	# 1
12) 1,3-Dichlorobenzene	9.18	146	58	0.013	ng	# 1
13) 1,4-Dichlorobenzene	9.18	146	58	0.013	ng	# 1
14) 1,2-Dichlorobenzene	9.18	146	58	0.014	ng	# 1
15) Benzyl Alcohol	9.17	79	4587	1.528	ng	# 35
19) n-Nitroso-di-n-propylamine	10.03	70	33704	12.337	ng	# 75
24) Nitrobenzene	10.04	77	810	0.261	ng	# 34
25) Isophorone	10.26	82	54	0.008	ng	# 69
27) 2,4-Dimethylphenol	10.86	122	65	0.019	ng	# 1
30) 1,2,4-Trichlorobenzene	11.99	180	55	0.011	ng	# 12
32) Benzoic acid	10.93	122	60	6.717	ng	# 1
45) 1,1'-Biophenyl	14.31	154	2307	0.174	ng	89
47) 2-Nitroaniline	14.10	65	949	0.543	ng	# 1
50) 2,6-Dinitrotoluene	15.46	165	19367	7.686	ng	# 19
51) Acenaphthene	15.46	154	500	0.047	ng	# 5
56) 2,4-Dinitrotoluene	15.46	165	19367	5.978	ng	# 17
57) Fluorene	16.94	166	11039	0.835	ng	# 85
59) Diethylphthalate	16.25	149	185	0.014	ng	# 58
62) Azobenzene	16.93	77	967	0.113	ng	# 36
64) 4,6-Dinitro-2-methylphenol	16.94	198	854	8.661	ng	# 11
65) n-Nitrosodiphenylamine	16.94	169	8765	0.645	ng	# 48
66) 4-Bromophenyl-phenylether	16.94	248	23966	4.051	ng	# 1
67) Hexachlorobenzene	17.72	284	55	0.009	ng	# 41
68) Atrazine	17.61	200	209	0.040	ng	# 35
69) Pentachlorophenol	17.84	266	139	0.033	ng	# 19
70) Phenanthrene	18.20	178	198	0.009	ng	# 1
71) Anthracene	18.20	178	198	0.008	ng	# 1

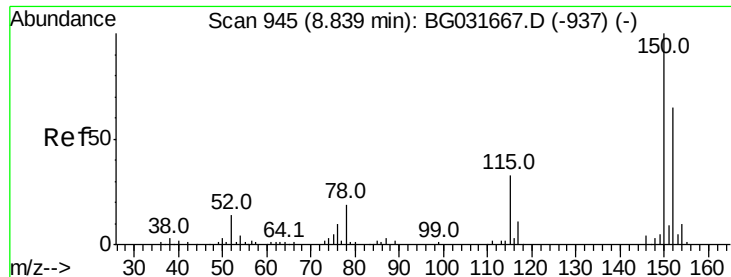
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031673.D
 Acq On : 21 Dec 2017 14:58
 Operator : SJ/JU
 Sample : PB105021BL
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Instrument :
 BNA_G
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Quant Time: Dec 21 17:14:25 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 14:09:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Di-n-butylphthalate	19.12	149	992	0.043	ng	# 78
74) Fluoranthene	20.20	202	145	0.005	ng	65
76) Benzidine	20.36	184	3206	0.201	ng	# 92
77) Pyrene	20.74	202	6693	0.203	ng	# 68
79) Butylbenzylphthalate	21.45	149	447	0.040	ng	# 65
80) Benzo(a)anthracene	22.56	228	1817	0.055	ng	# 68
81) 3,3'-Dichlorobenzidine	22.42	252	875	0.069	ng	# 72
82) Chrysene	22.61	228	387	0.012	ng	# 49
83) Bis(2-ethylhexyl)phthalate	22.41	149	1703	0.106	ng	# 89
84) Di-n-octyl phthalate	23.84	149	1898	0.070	ng	# 94
85) Indeno(1,2,3-cd)pyrene	30.75	276	127	0.003	ng	# 59
87) Benzo(b)fluoranthene	25.15	252	150	0.005	ng	# 59
88) Benzo(k)fluoranthene	25.25	252	368	0.011	ng	# 60
89) Benzo(a)pyrene	26.19	252	131	0.004	ng	# 59
90) Dibenzo(a,h)anthracene	30.89	278	121	0.004	ng	# 58
91) Benzo(g,h,i)perylene	30.75	276	127	0.003	ng	# 56

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

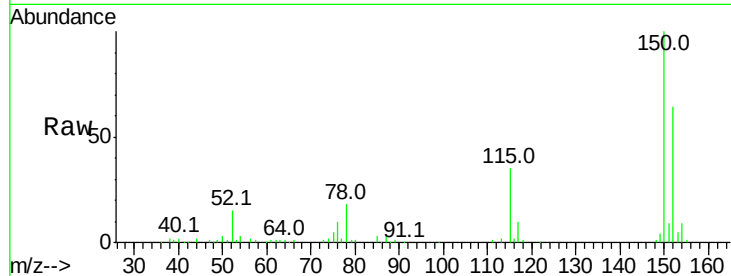


#1

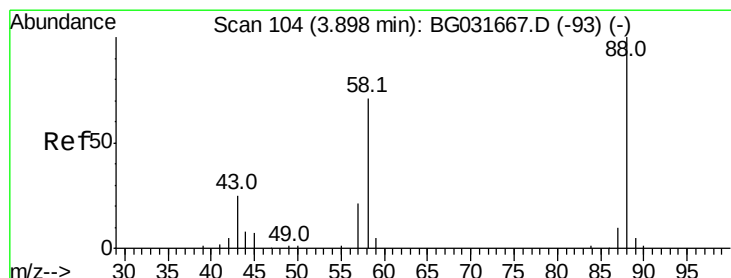
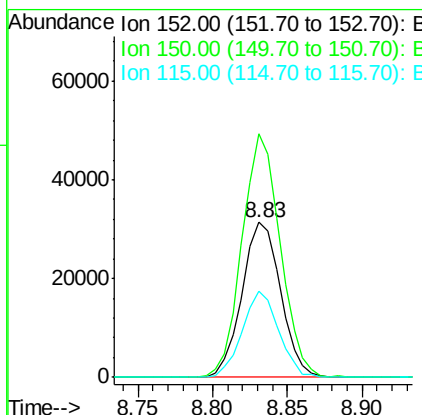
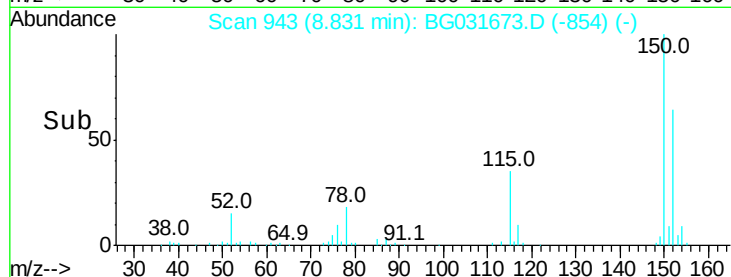
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG031673.D
Acq: 21 Dec 2017 14:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.6	189.8
115	55.7	53.0	79.4



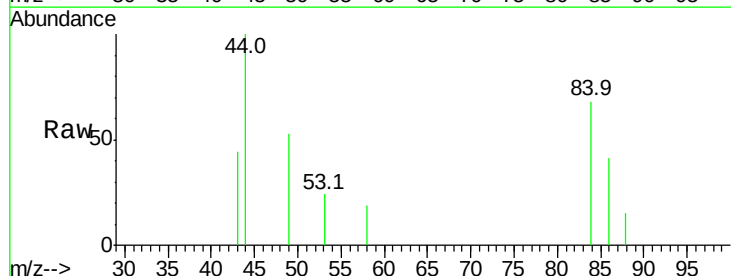
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



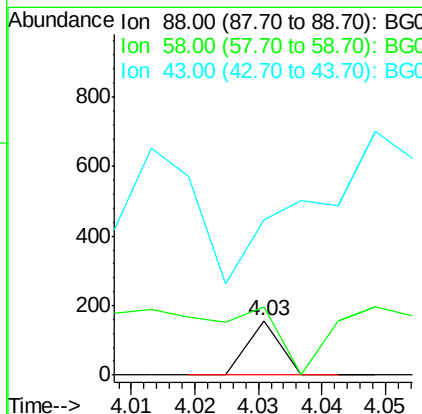
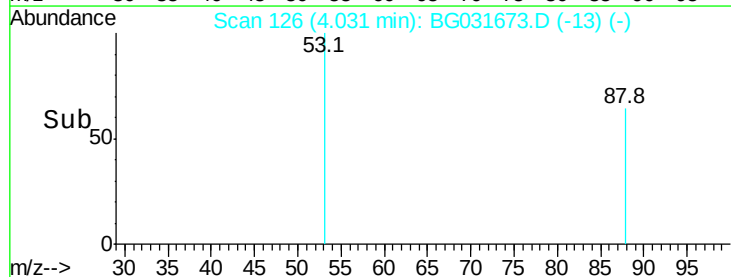
#2

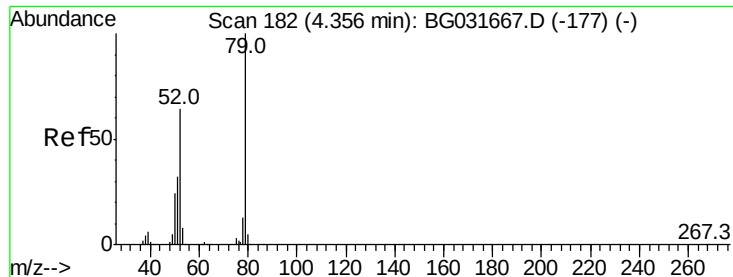
1,4-Dioxane
Concen: 0.048 ng
RT: 4.03 min Scan# 126
Delta R.T. 0.13 min
Lab File: BG031673.D
Acq: 21 Dec 2017 14:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	79.6	119.4#
43	0.0	27.4	41.0#



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: 0.019 ng

RT: 4.85 min Scan# 266

Delta R.T. 0.50 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

Instrument :

BNA_G

ClientSampleId :

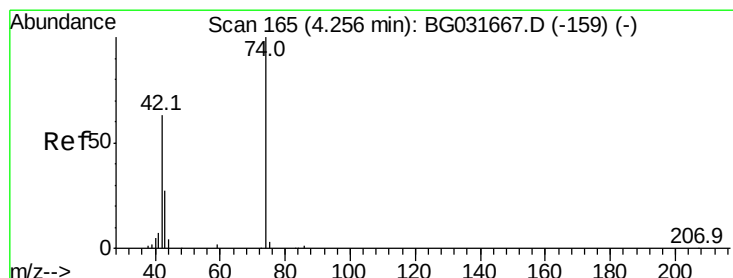
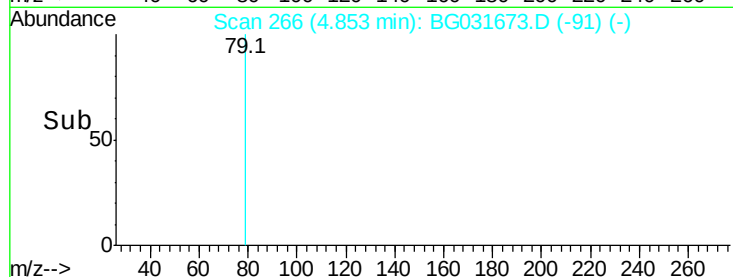
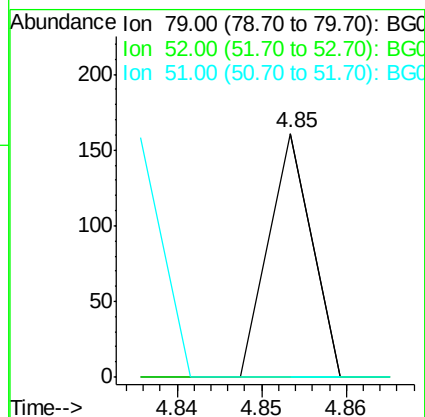
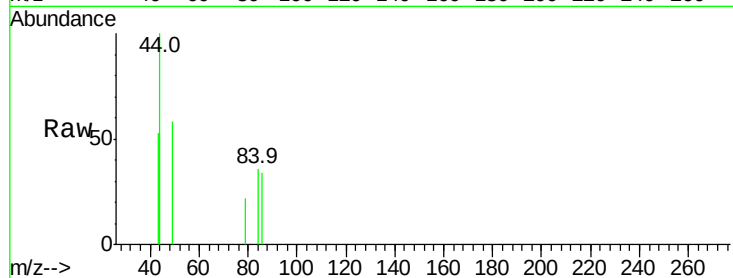
Tot Ion: 79 Resp: 57

Ion Ratio Lower Upper

79 100

52 0.0 69.9 104.9#

51 0.0 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 0.045 ng

RT: 4.25 min Scan# 164

Delta R.T. -0.00 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

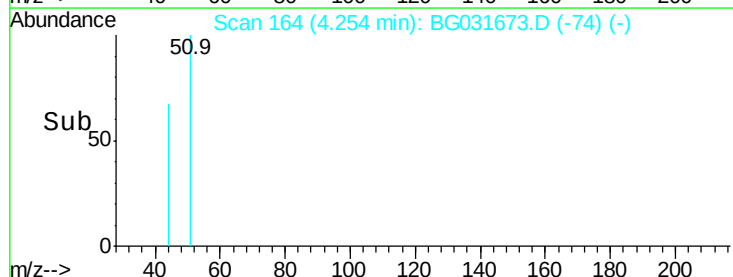
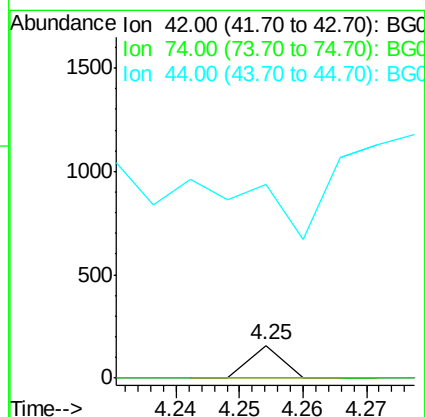
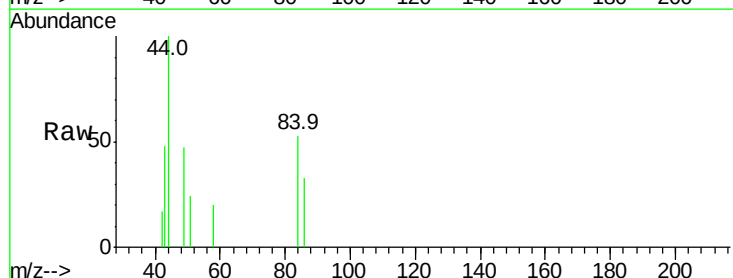
Tgt Ion: 42 Resp: 55

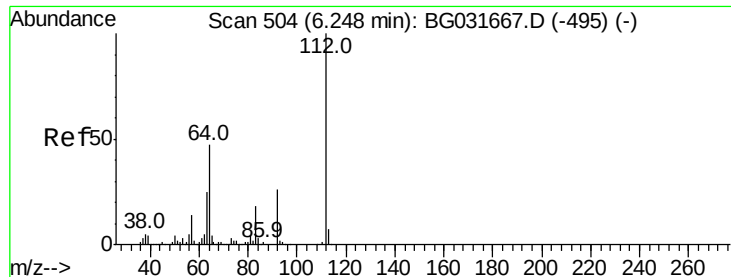
Ion Ratio Lower Upper

42 100

74 0.0 102.5 153.7#

44 598.1 18.9 28.3#





#5

2-Fluorophenol

Concen: 132.177 ng

RT: 6.25 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

Instrument :

BNA_G

ClientSampleId :

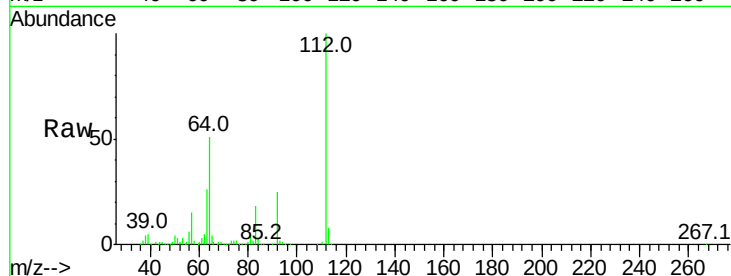
Tot Ion:112 Resp: 407239

Ion Ratio Lower Upper

112 100

64 50.7 56.3 84.5#

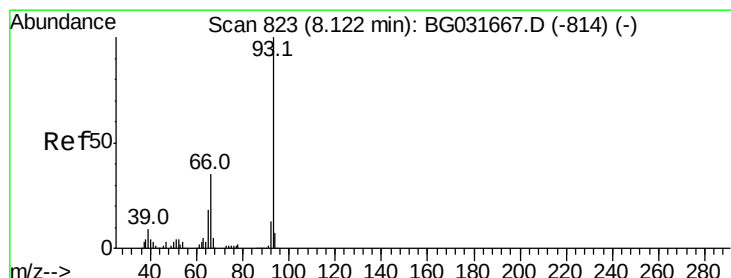
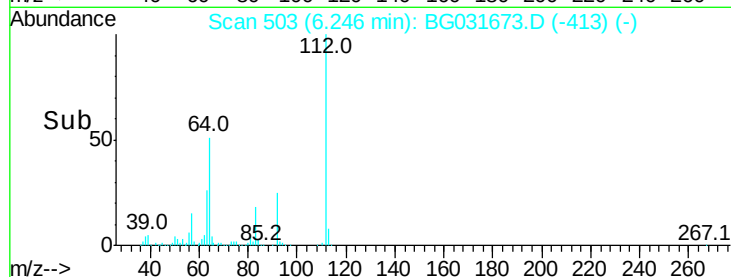
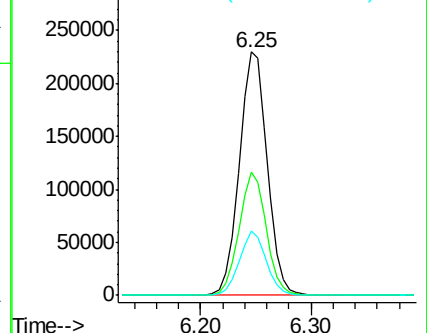
63 26.5 30.1 45.1#



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: 0.010 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.22 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

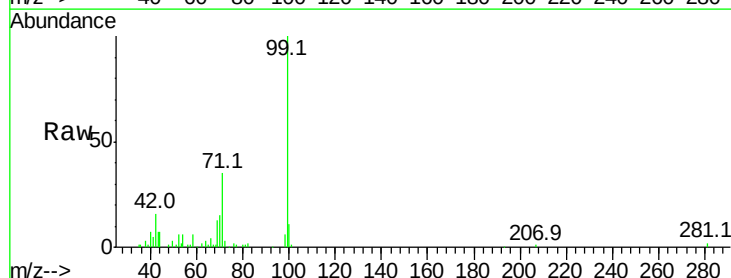
Tgt Ion: 93 Resp: 53

Ion Ratio Lower Upper

93 100

66 895.4 33.7 50.5#

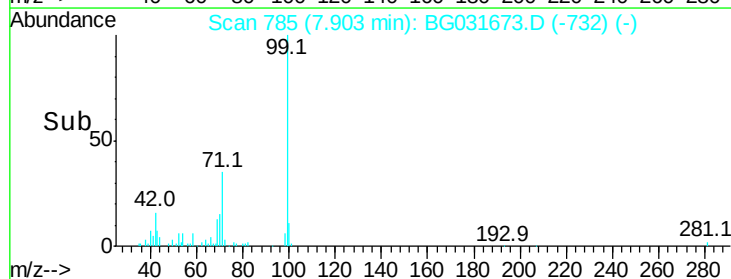
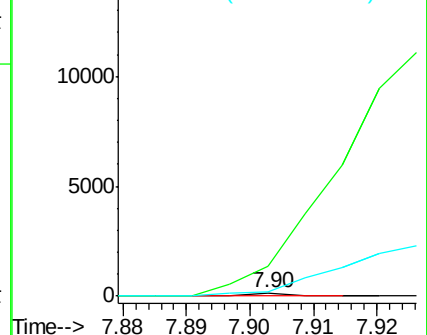
65 145.7 16.1 24.1#

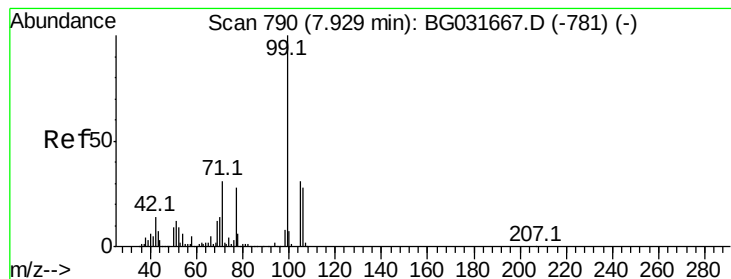


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.808 ng

RT: 7.93 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

Instrument :

BNA_G

ClientSampleId :

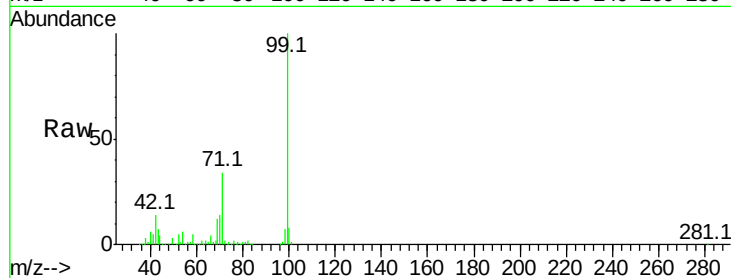
Tot Ion: 99 Resp: 503252

Ion Ratio Lower Upper

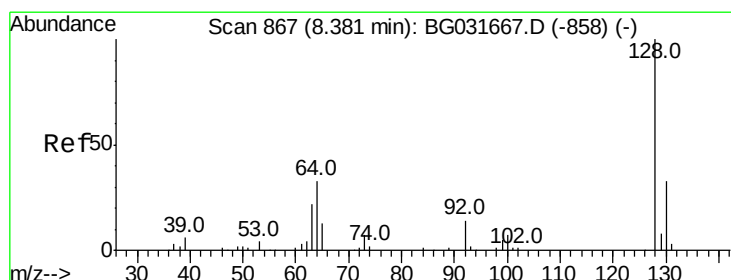
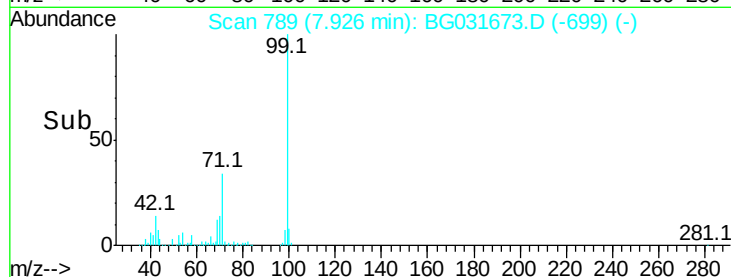
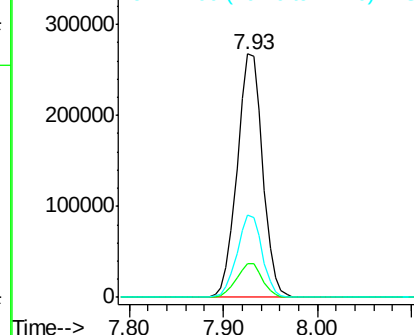
99 100

42 14.0 14.1 21.1#

71 34.0 26.1 39.1



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: 0.017 ng

RT: 8.62 min Scan# 907

Delta R.T. 0.24 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

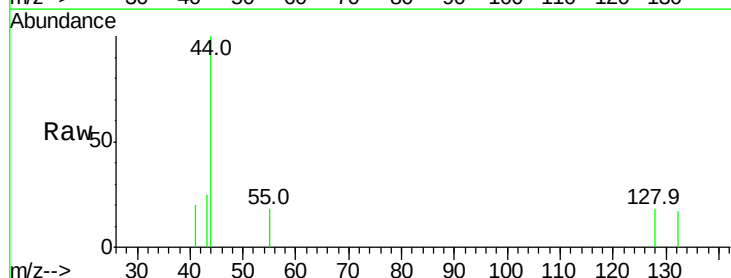
Tgt Ion:128 Resp: 62

Ion Ratio Lower Upper

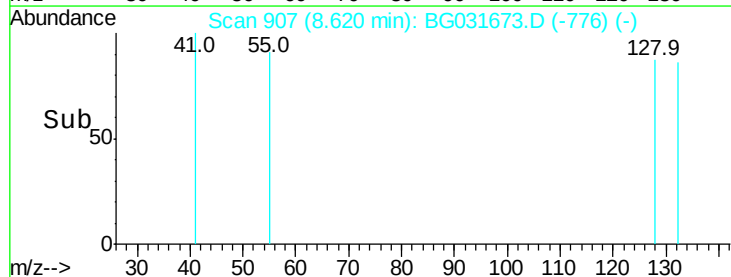
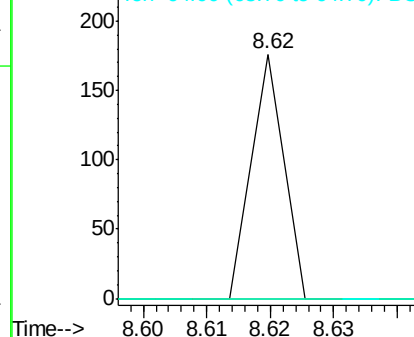
128 100

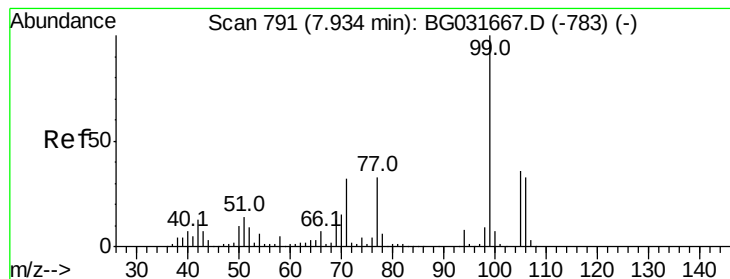
130 0.0 14.0 54.0#

64 0.0 37.7 77.7#



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: 4.004 ng

RT: 8.34 min Scan# 859

Delta R.T. 0.40 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

Instrument :

BNA_G

ClientSampleId :

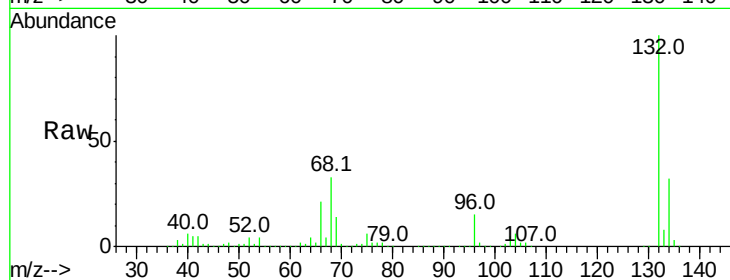
Tot Ion: 77 Resp: 9645

Ion Ratio Lower Upper

77 100

105 87.1 71.3 111.3

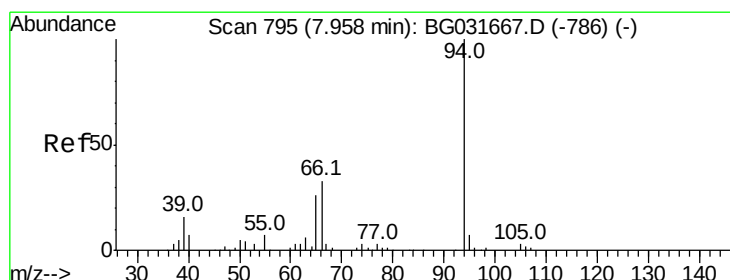
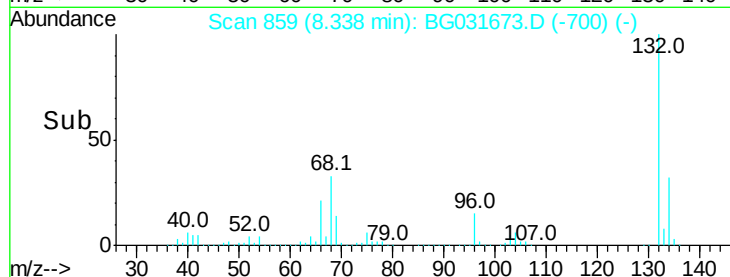
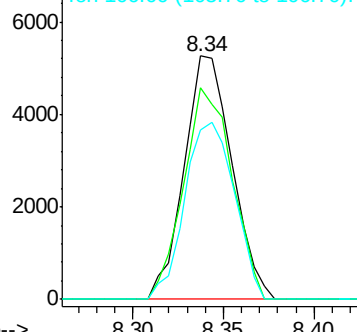
106 69.5 64.2 104.2



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: 0.218 ng

RT: 8.34 min Scan# 859

Delta R.T. 0.38 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

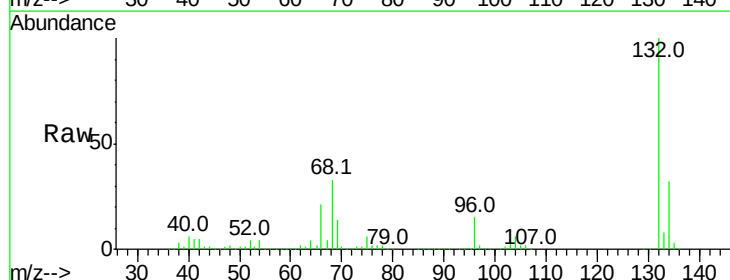
Tgt Ion: 94 Resp: 882

Ion Ratio Lower Upper

94 100

65 803.4 11.9 51.9#

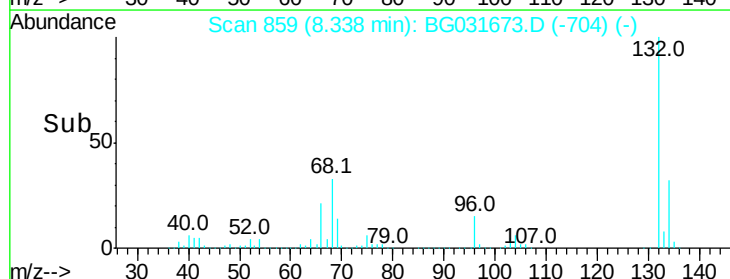
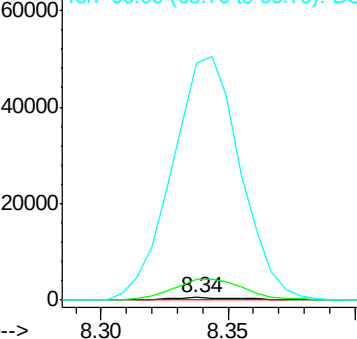
66 9300.0 22.2 62.2#

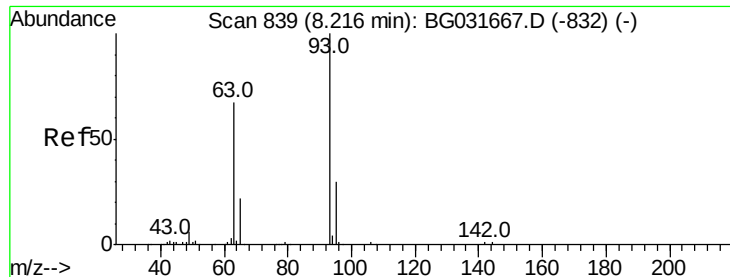


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

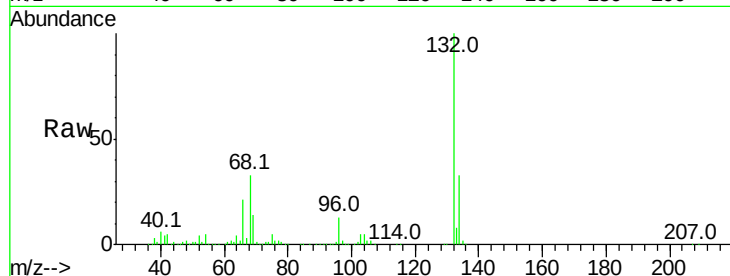




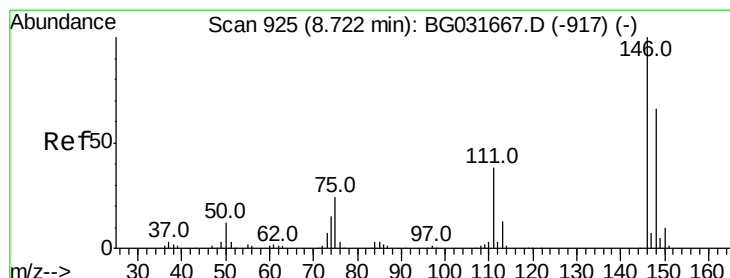
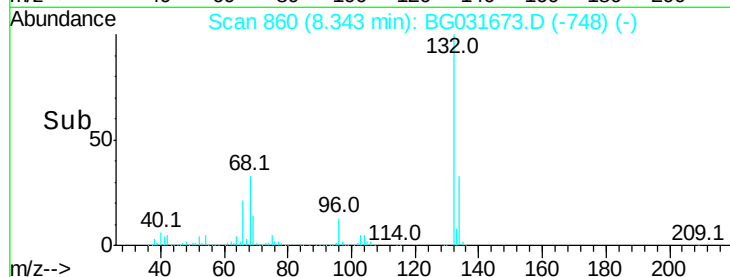
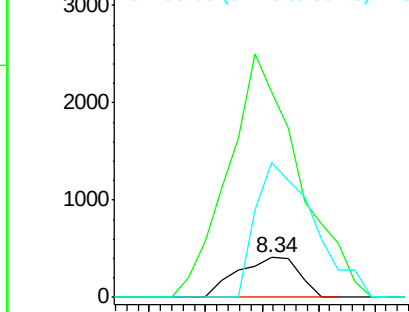
#11
bis(2-Chloroethyl)ether
Concen: 0.186 ng
RT: 8.34 min Scan# 860
Delta R.T. 0.13 min
Lab File: BG031673.D
Acq: 21 Dec 2017 14:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 624
Ion Ratio Lower Upper
93 100
63 516.3 67.1 107.1#
95 339.5 11.5 51.5#

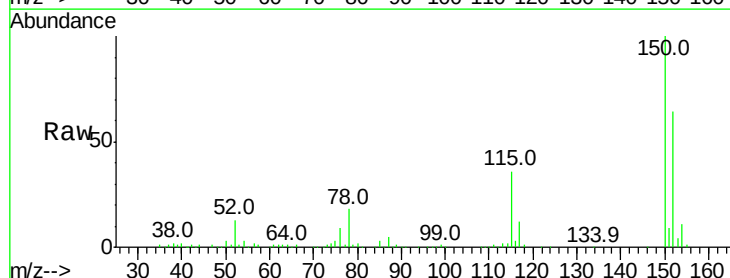


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

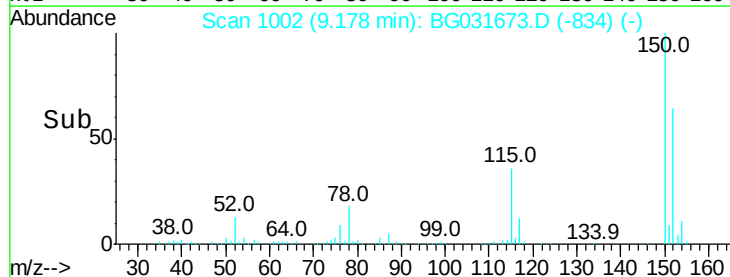
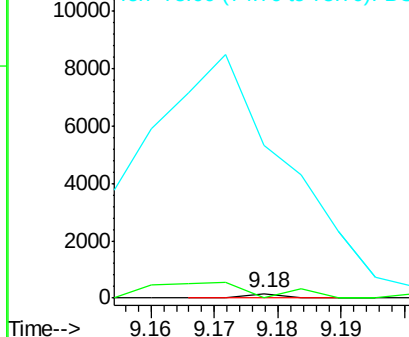


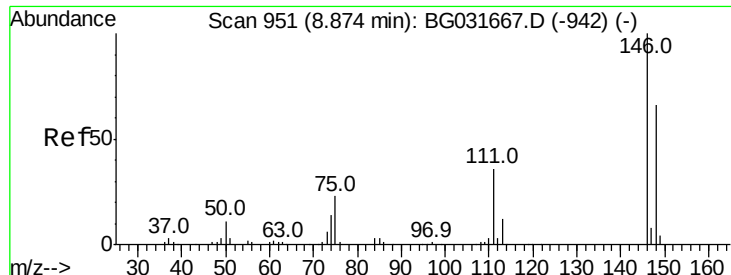
#12
1,3-Dichlorobenzene
Concen: 0.013 ng
RT: 9.18 min Scan# 1002
Delta R.T. 0.46 min
Lab File: BG031673.D
Acq: 21 Dec 2017 14:58

Tgt Ion: 146 Resp: 58
Ion Ratio Lower Upper
146 100
148 0.0 51.4 77.2#
75 3224.8 26.6 39.8#



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

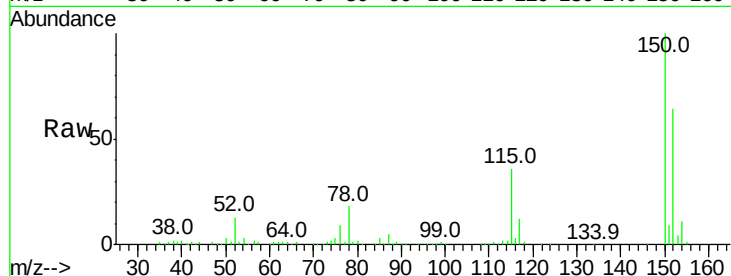




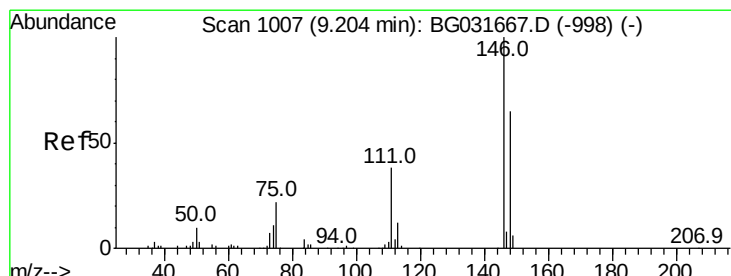
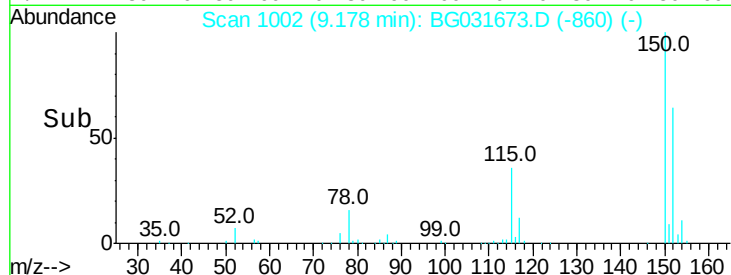
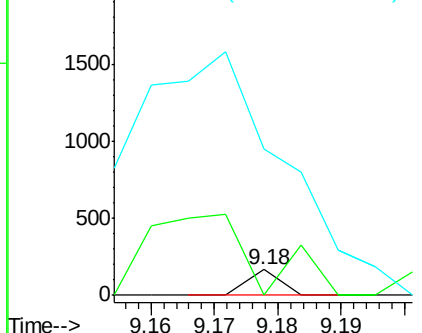
#13
 1,4-Dichlorobenzene
 Concen: 0.013 ng
 RT: 9.18 min Scan# 1002
 Delta R.T. 0.30 min
 Lab File: BG031673.D
 Acq: 21 Dec 2017 14:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 58
 Ion Ratio Lower Upper
 146 100
 148 0.0 53.7 80.5#
 111 577.0 35.2 52.8#

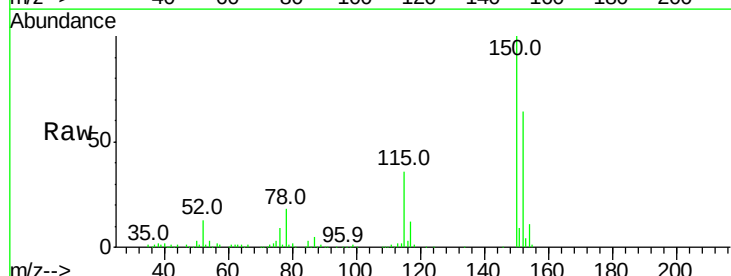


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

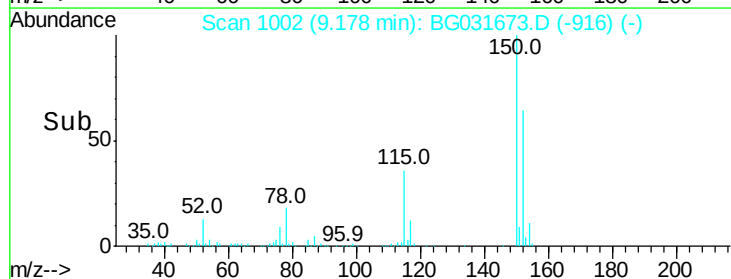
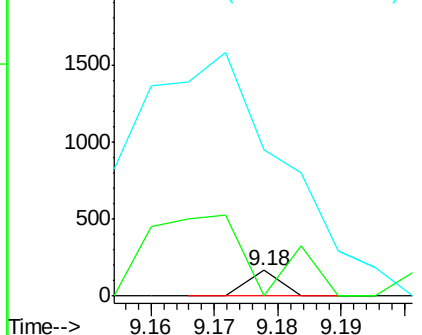


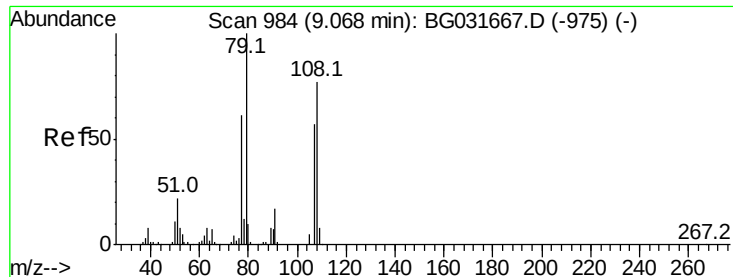
#14
 1,2-Dichlorobenzene
 Concen: 0.014 ng
 RT: 9.18 min Scan# 1002
 Delta R.T. -0.03 min
 Lab File: BG031673.D
 Acq: 21 Dec 2017 14:58

Tgt Ion:146 Resp: 58
 Ion Ratio Lower Upper
 146 100
 148 0.0 49.3 73.9#
 111 577.0 34.3 51.5#



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.528 ng

RT: 9.17 min Scan# 1001

Delta R.T. 0.10 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

Instrument :

BNA_G

ClientSampleId :

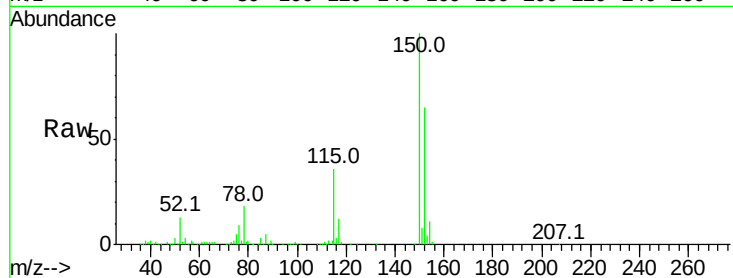
Tot Ion: 79 Resp: 4587

Ion Ratio Lower Upper

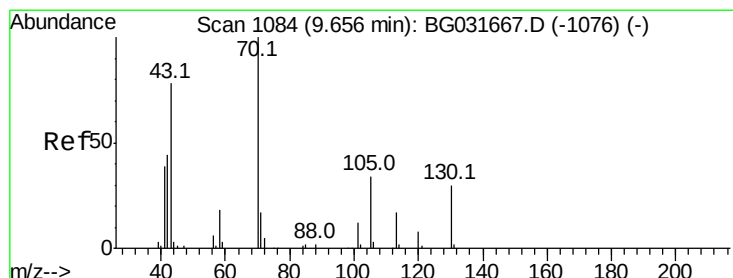
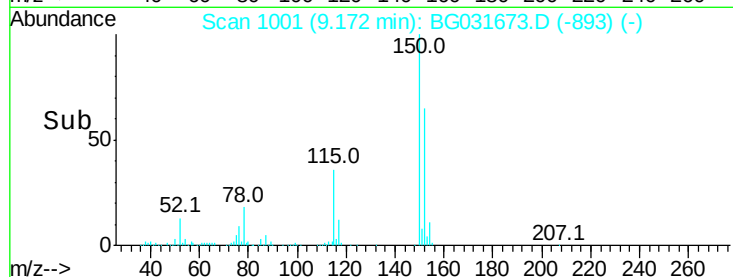
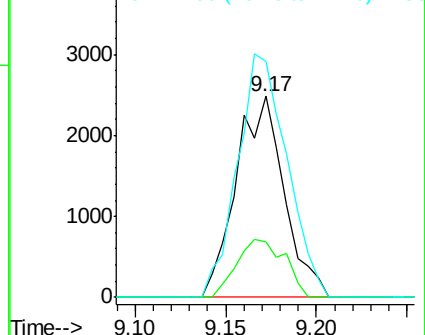
79 100

108 27.9 57.2 85.8#

77 117.3 46.1 69.1#



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.337 ng

RT: 10.03 min Scan# 1147

Delta R.T. 0.37 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

Tgt Ion: 70 Resp: 33704

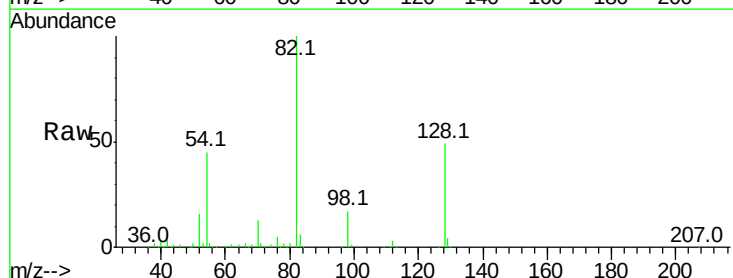
Ion Ratio Lower Upper

70 100

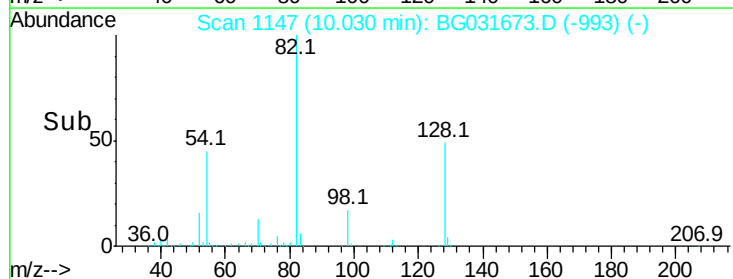
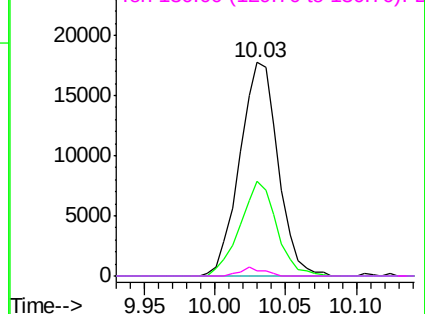
42 44.6 49.1 73.7#

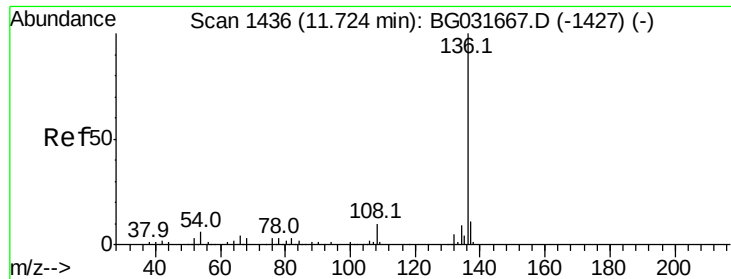
101 0.0 8.5 12.7#

130 2.4 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

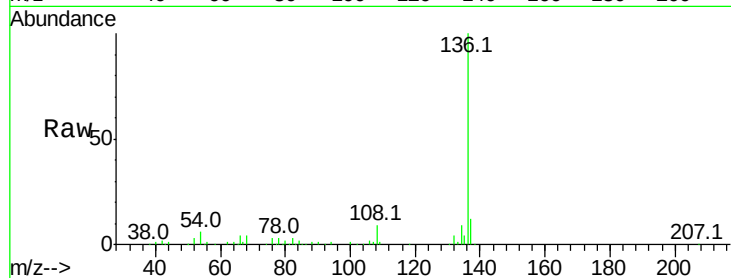




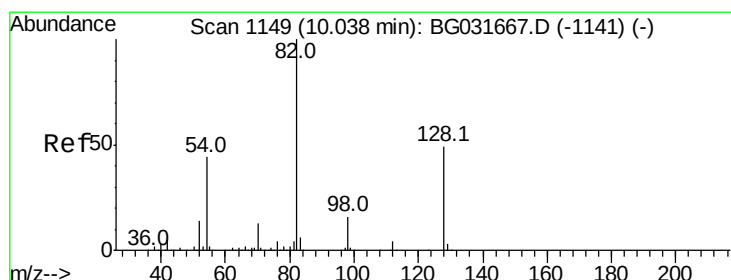
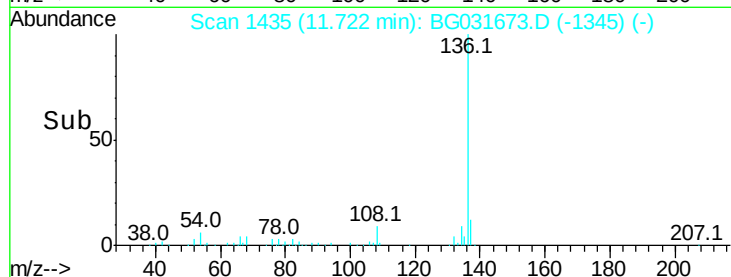
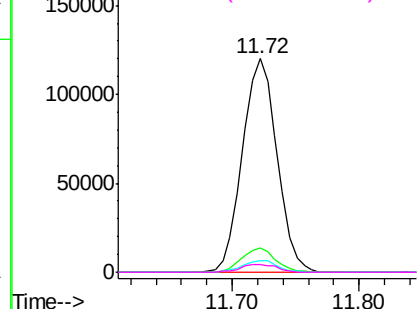
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.72 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BG031673.D
Acq: 21 Dec 2017 14:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	227238
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.2 13.8
54	5.5	10.3 15.5#
68	3.8	4.5 6.7#

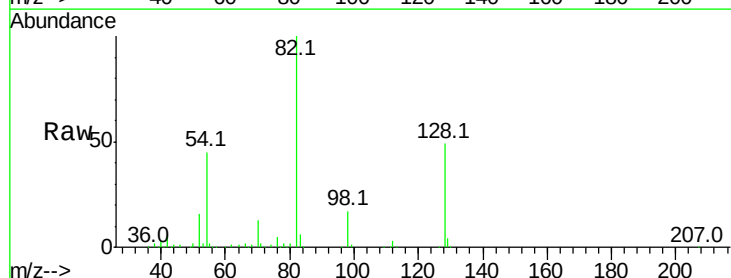


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

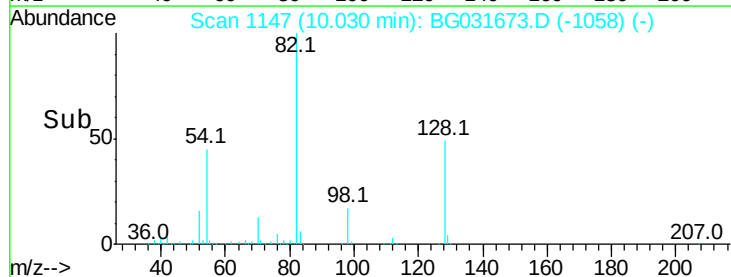
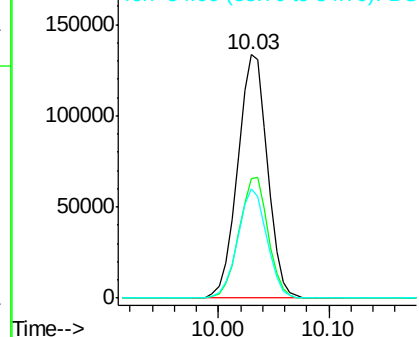


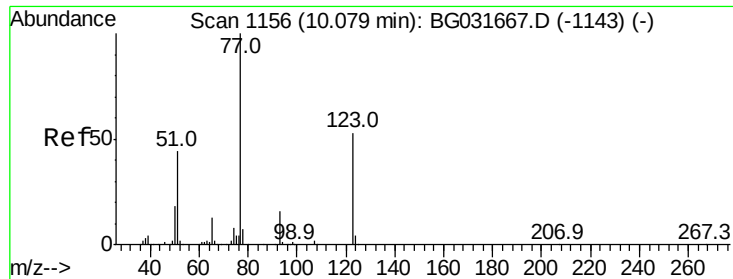
#23
Nitrobenzene-d5
Concen: 83.785 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031673.D
Acq: 21 Dec 2017 14:58

Tgt Ion: 82	Resp:	252133
Ion Ratio	Lower	Upper
82	100	
128	49.2	29.7 44.5#
54	44.9	43.1 64.7



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: 0.261 ng

RT: 10.04 min Scan# 1148

Delta R.T. -0.04 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

Instrument :

BNA_G

ClientSampleId :

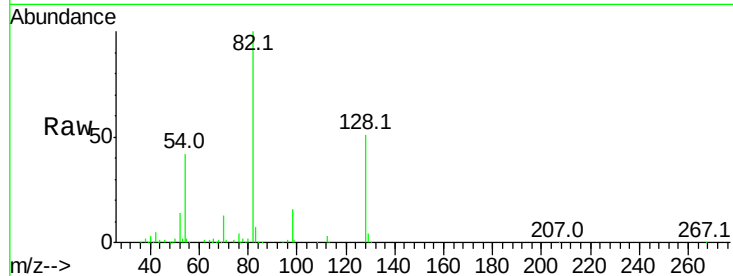
Tot Ion: 77 Resp: 810

Ion Ratio Lower Upper

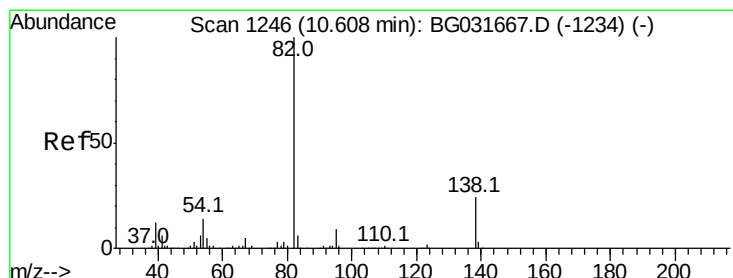
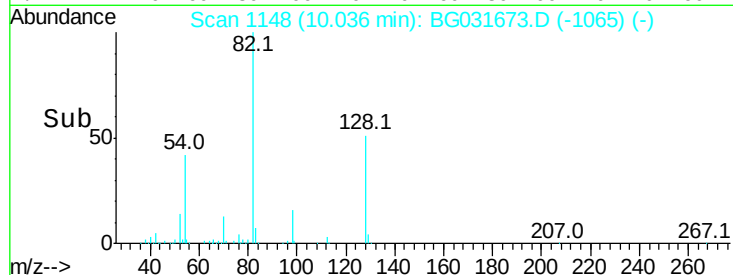
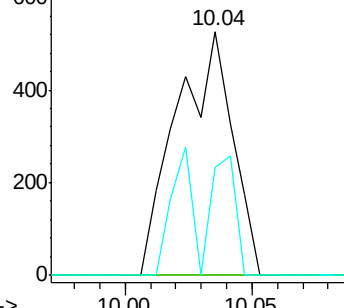
77 100

123 0.0 33.0 49.6#

65 44.5 13.0 19.6#



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



#25

Isophorone

Concen: 0.008 ng

RT: 10.26 min Scan# 1187

Delta R.T. -0.34 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

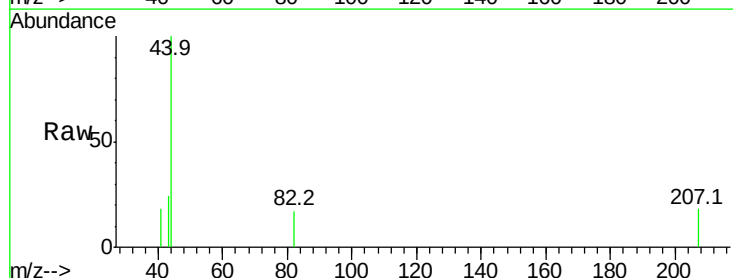
Tgt Ion: 82 Resp: 54

Ion Ratio Lower Upper

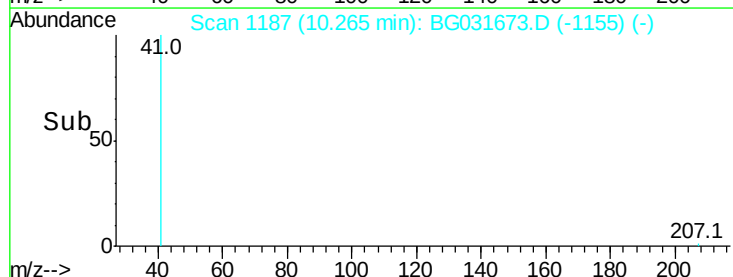
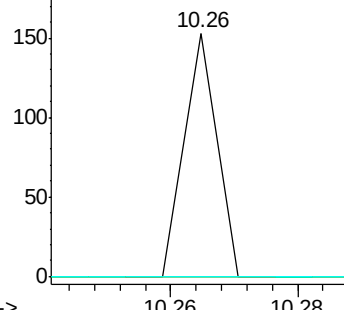
82 100

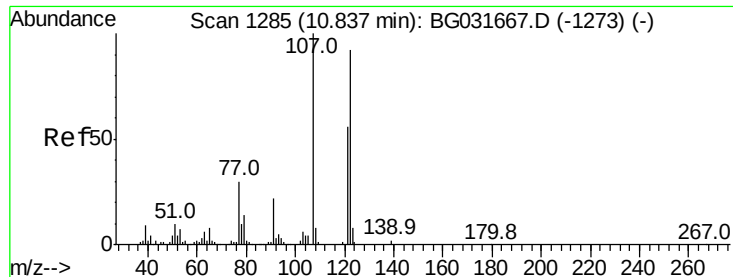
95 0.0 6.2 9.2#

138 0.0 12.1 18.1#



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

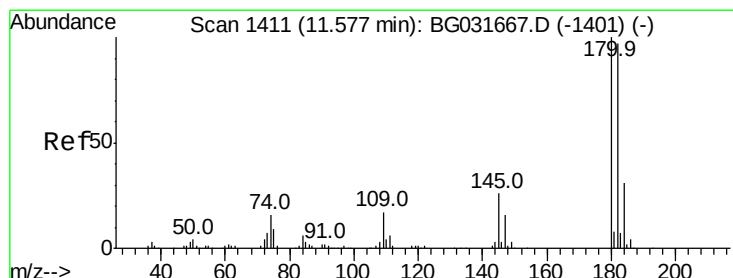
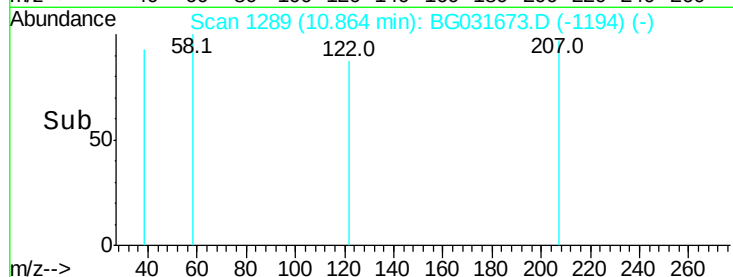
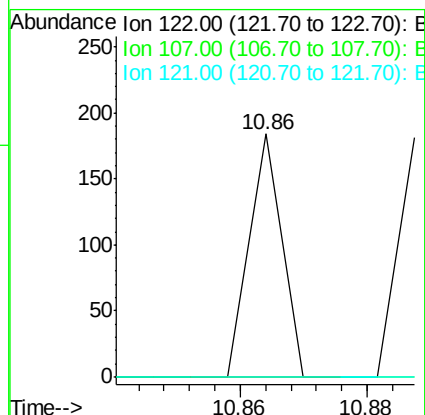
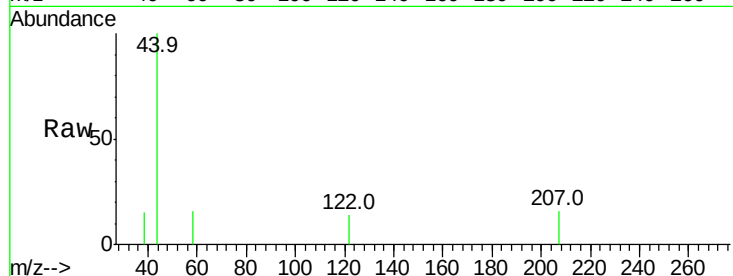




#27
 2,4-Dimethylphenol
 Concen: 0.019 ng
 RT: 10.86 min Scan# 1289
 Delta R.T. 0.03 min
 Lab File: BG031673.D
 Acq: 21 Dec 2017 14:58

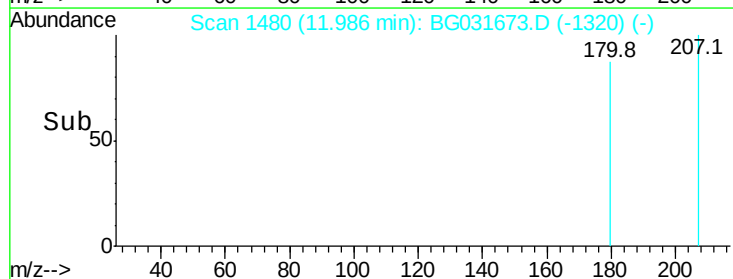
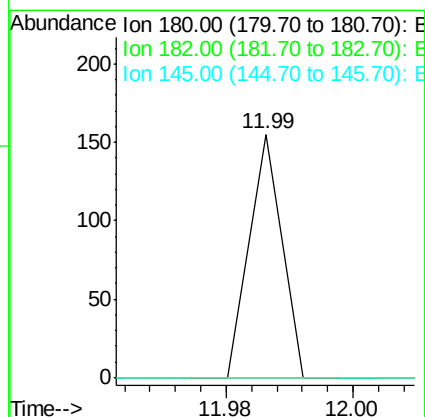
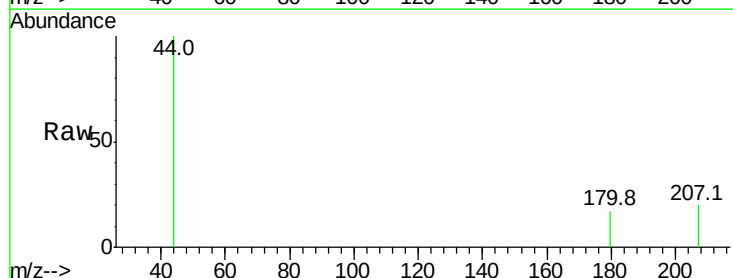
Instrument :
 BNA_G
 ClientSampleId :

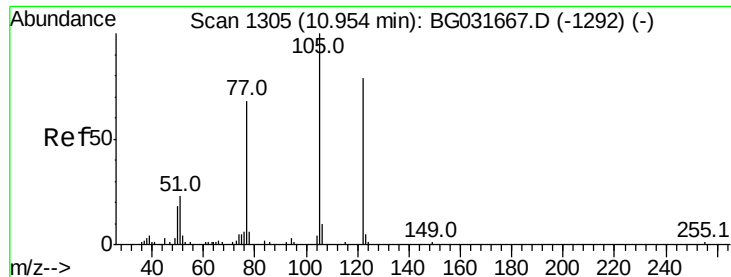
Tot Ion	Ratio	Lower	Upper
122	100		
107	0.0	100.2	150.2#
121	0.0	44.4	66.6#



#30
 1,2,4-Trichlorobenzene
 Concen: 0.011 ng
 RT: 11.99 min Scan# 1480
 Delta R.T. 0.41 min
 Lab File: BG031673.D
 Acq: 21 Dec 2017 14:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	77.5	116.3#
145	0.0	23.4	35.2#





#32

Benzoic acid

Concen: 6.717 ng

RT: 10.93 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

Instrument :

BNA_G

ClientSampleId :

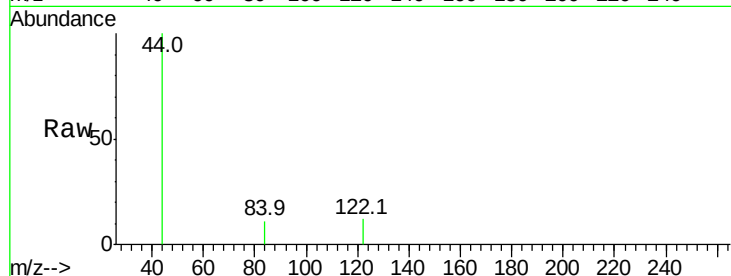
Tot Ion:122 Resp: 60

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

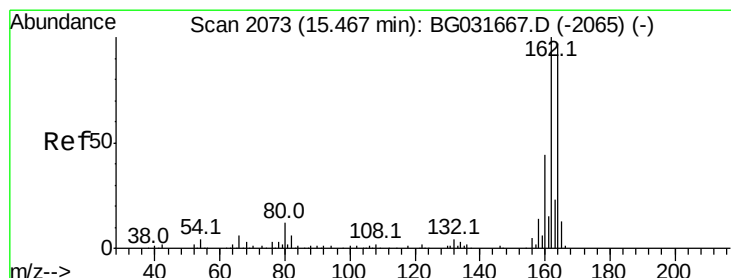
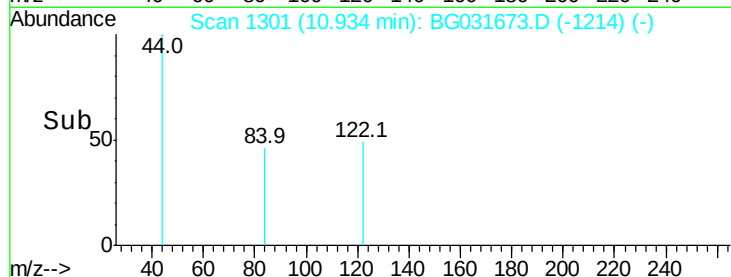
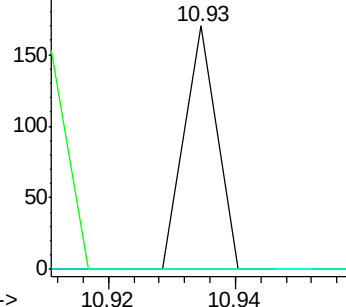
77 0.0 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.46 min Scan# 2072

Delta R.T. -0.00 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

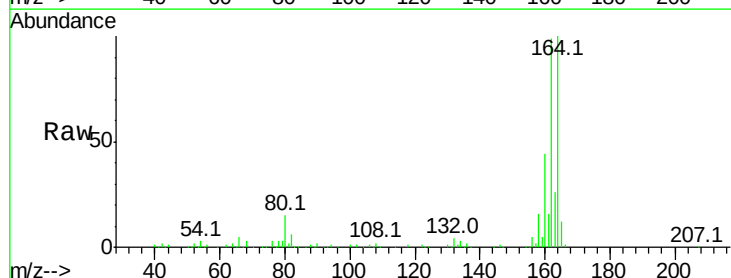
Tgt Ion:164 Resp: 155474

Ion Ratio Lower Upper

164 100

162 99.4 78.8 118.2

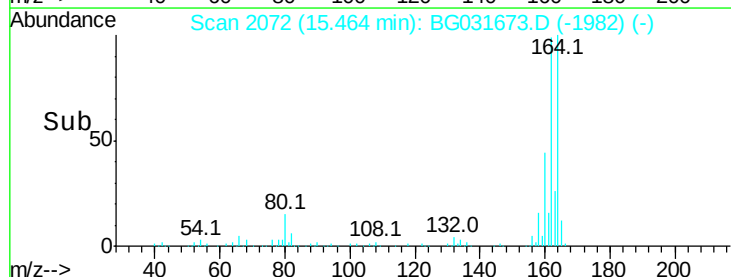
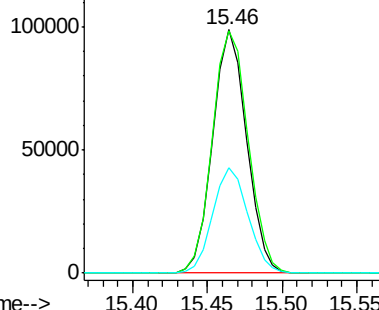
160 43.5 35.4 53.0

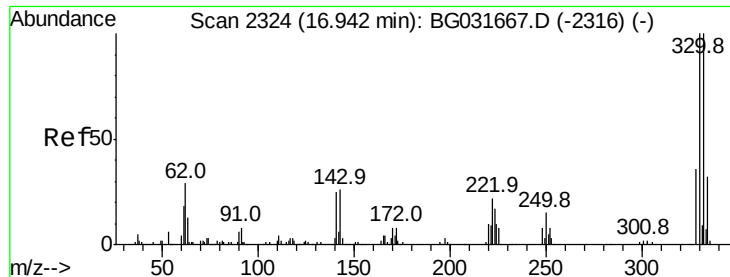


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 127.179 ng

RT: 16.94 min Scan# 2323

Delta R.T. -0.00 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

Instrument :

BNA_G

ClientSampled :

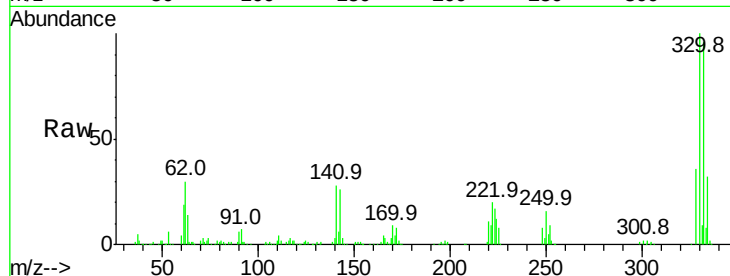
Tot Ion:330 Resp: 301710

Ion Ratio Lower Upper

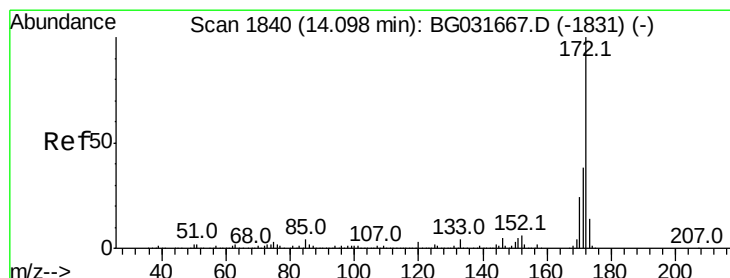
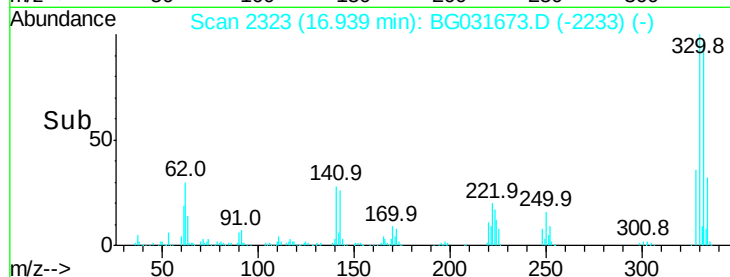
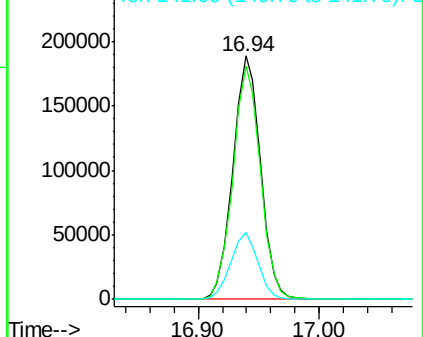
330 100

332 95.7 77.0 115.6

141 27.2 25.2 37.8



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



#44

2-Fluorobiphenyl

Concen: 80.088 ng

RT: 14.10 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

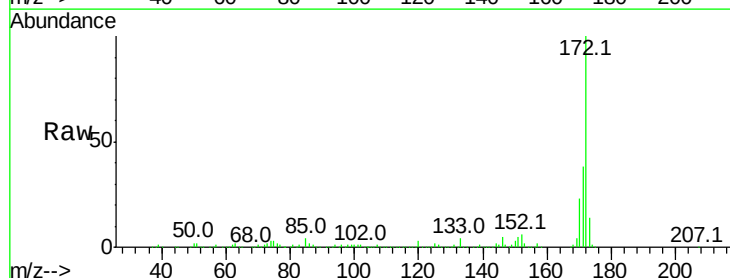
Tgt Ion:172 Resp: 992060

Ion Ratio Lower Upper

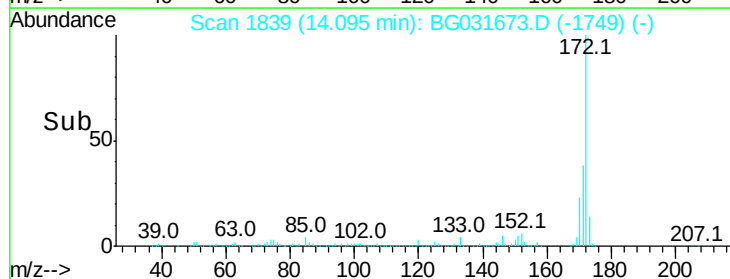
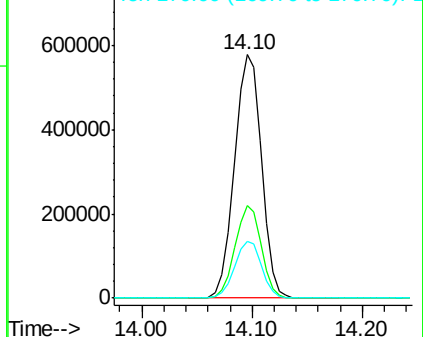
172 100

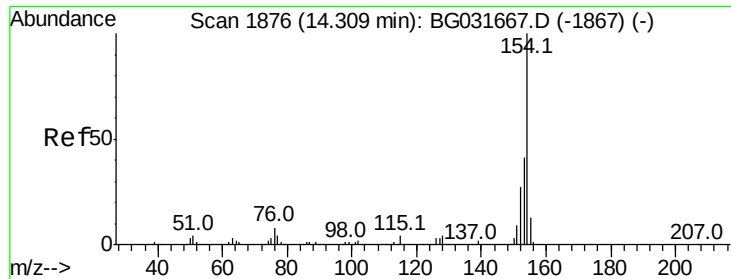
171 38.1 30.0 45.0

170 23.3 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 0.174 ng

RT: 14.31 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

Instrument :

BNA_G

ClientSampleId :

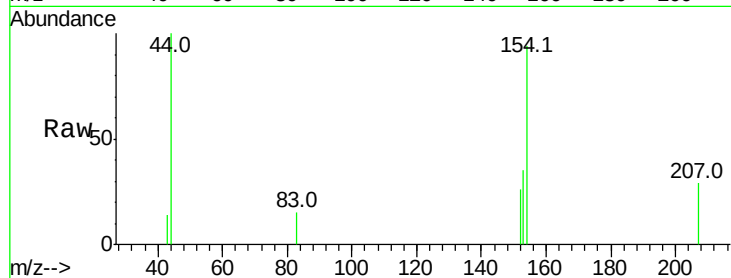
Tot Ion:154 Resp: 2307

Ion Ratio Lower Upper

154 100

153 36.9 19.8 59.8

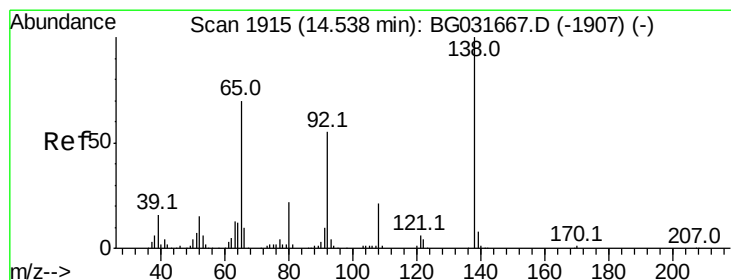
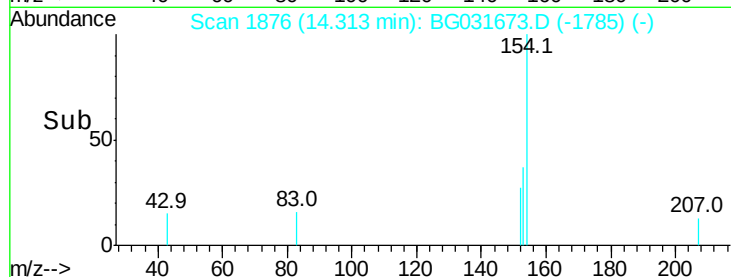
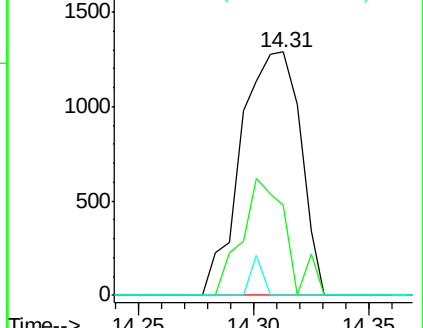
76 0.0 0.0 31.9



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): BGC



#47

2-Nitroaniline

Concen: 0.543 ng

RT: 14.10 min Scan# 1839

Delta R.T. -0.44 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

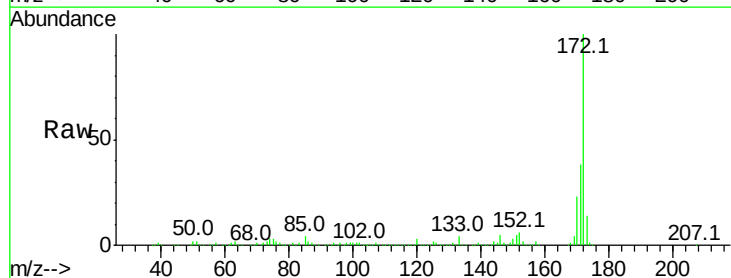
Tgt Ion: 65 Resp: 949

Ion Ratio Lower Upper

65 100

92 258.7 54.6 82.0#

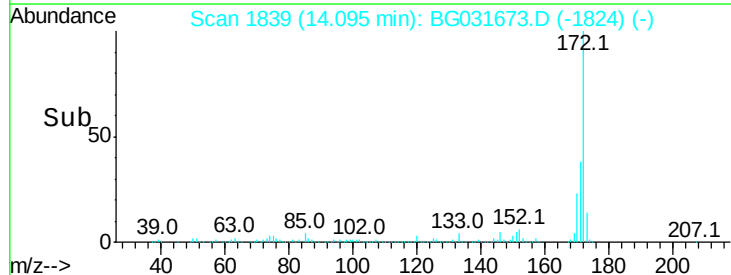
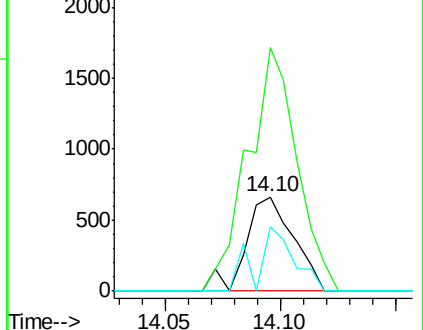
138 68.9 72.9 109.3#

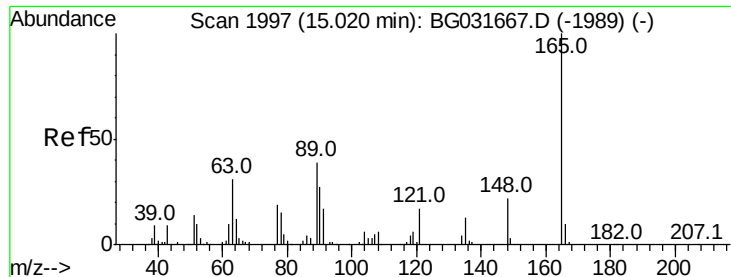


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E

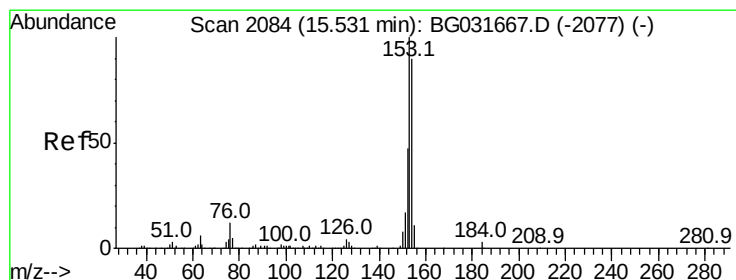
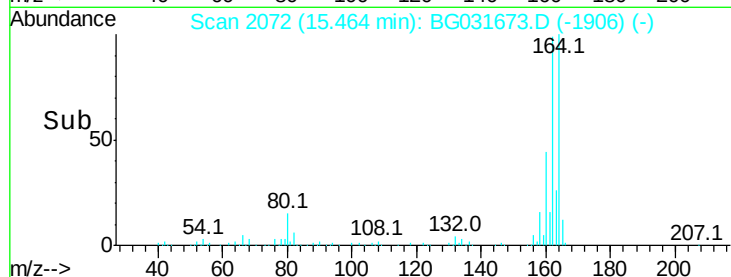
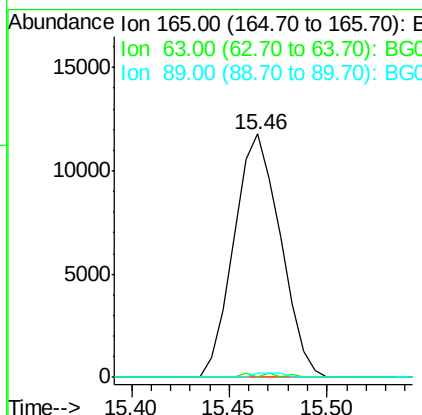
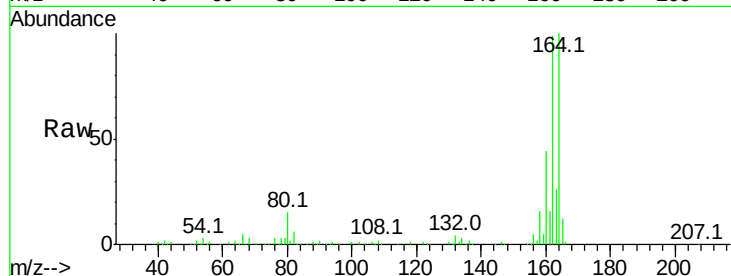




#50
 2,6-Dinitrotoluene
 Concen: 7.686 ng
 RT: 15.46 min Scan# 2072
 Delta R.T. 0.44 min
 Lab File: BG031673.D
 Acq: 21 Dec 2017 14:58

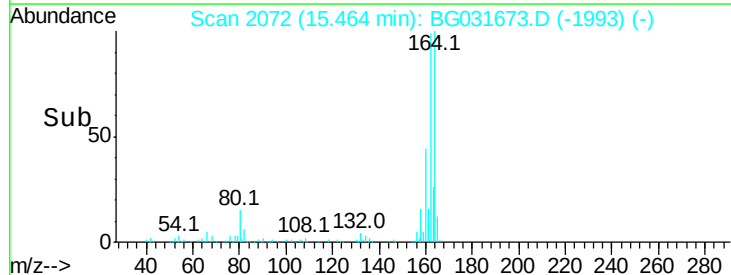
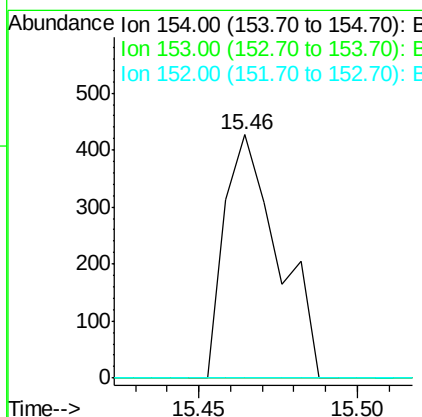
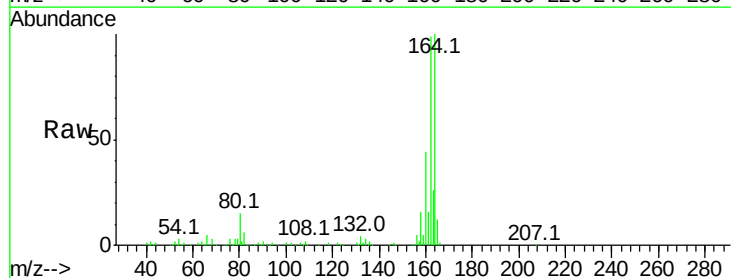
Instrument :
 BNA_G
 ClientSampleId :

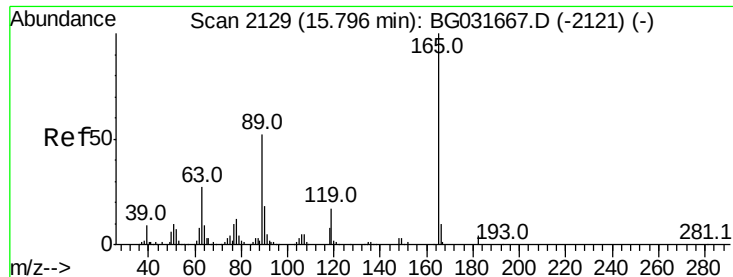
Tot Ion:165 Resp: 19367
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 1.7 49.2 73.8#



#51
 Acenaphthene
 Concen: 0.047 ng
 RT: 15.46 min Scan# 2072
 Delta R.T. -0.07 min
 Lab File: BG031673.D
 Acq: 21 Dec 2017 14:58

Tgt Ion:154 Resp: 500
 Ion Ratio Lower Upper
 154 100
 153 0.0 90.4 135.6#
 152 0.0 41.6 62.4#

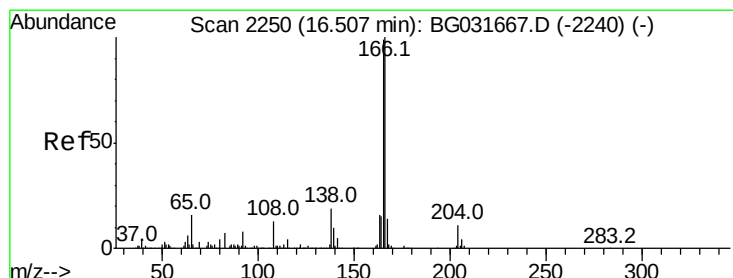
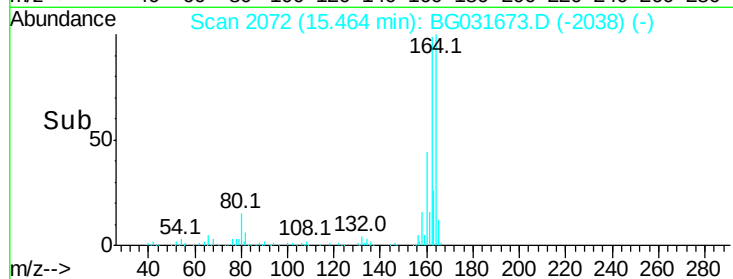
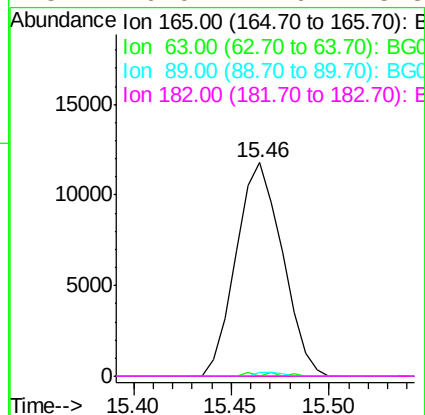
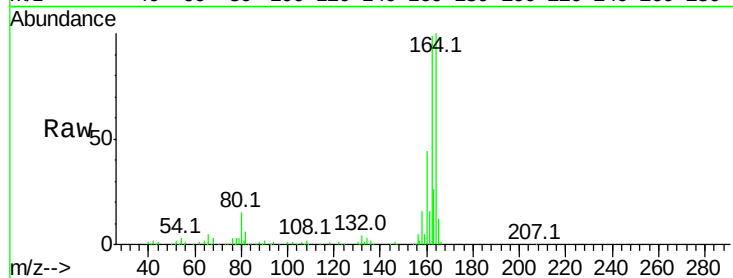




#56
2,4-Dinitrotoluene
Concen: 5.978 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.33 min
Lab File: BG031673.D
Acq: 21 Dec 2017 14:58

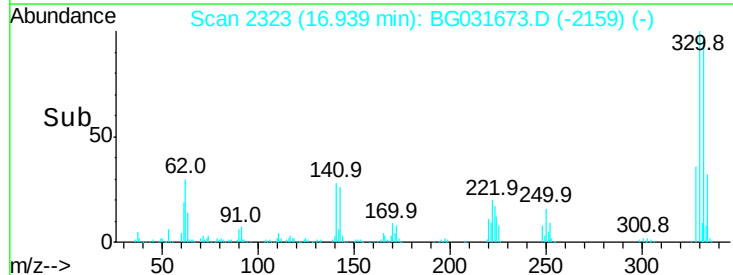
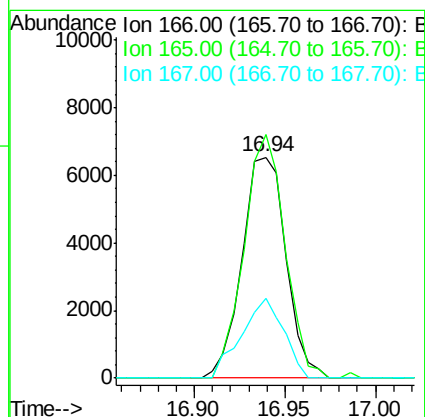
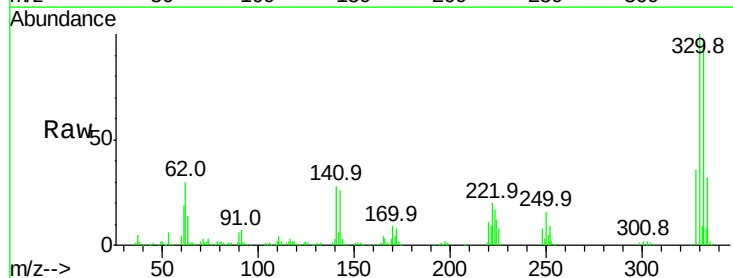
Instrument :
BNA_G
ClientSampleId :

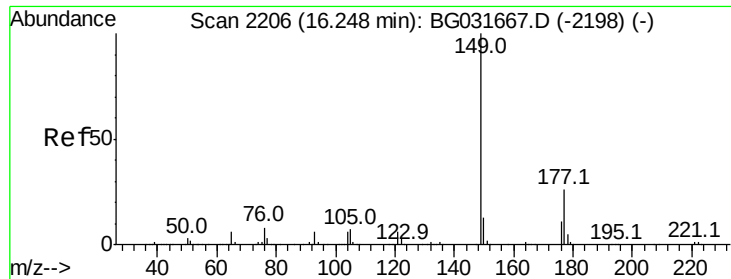
Tot Ion:	165	Resp:	19367
Ion Ratio	Lower	Upper	
165	100		
63	0.0	42.0	63.0#
89	1.7	66.9	100.3#
182	0.0	2.6	3.8#



#57
Fluorene
Concen: 0.835 ng
RT: 16.94 min Scan# 2323
Delta R.T. 0.43 min
Lab File: BG031673.D
Acq: 21 Dec 2017 14:58

Tgt Ion:	166	Resp:	11039
Ion Ratio	Lower	Upper	
166	100		
165	110.3	80.6	121.0
167	36.2	10.4	15.6#

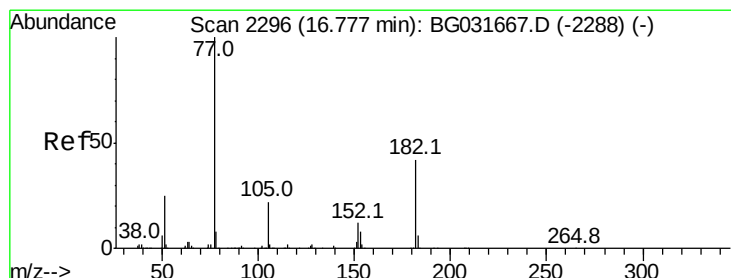
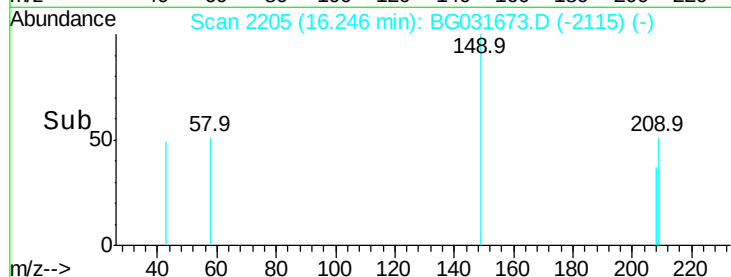
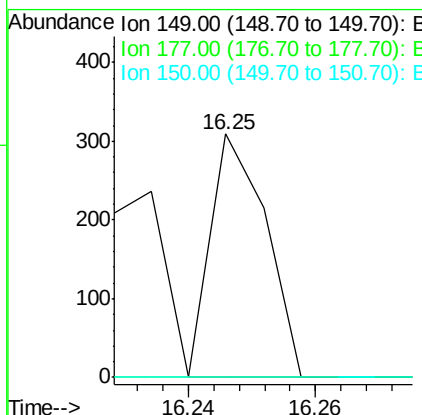
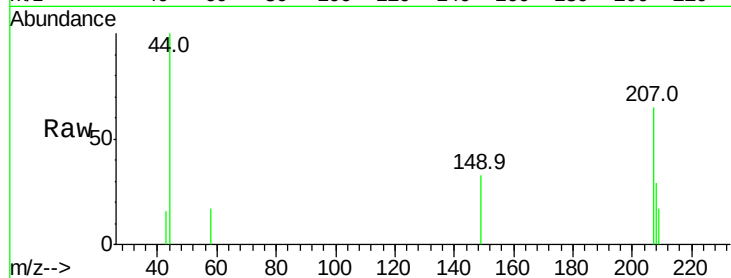




#59
Diethylphthalate
Concen: 0.014 ng
RT: 16.25 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BG031673.D
Acq: 21 Dec 2017 14:58

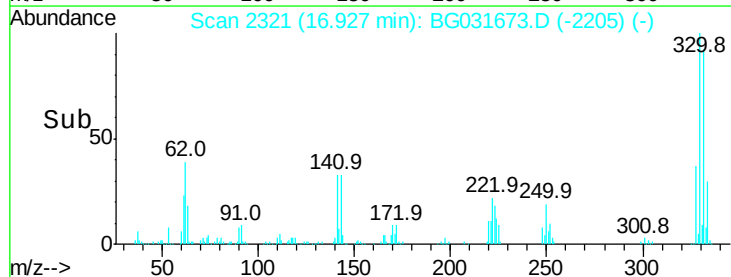
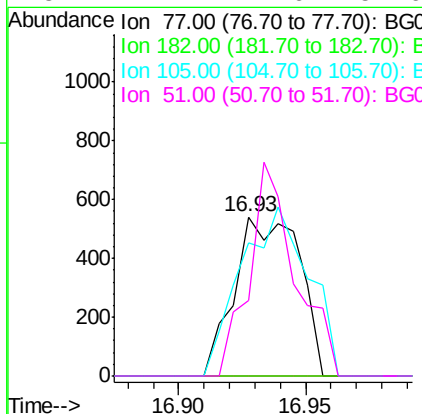
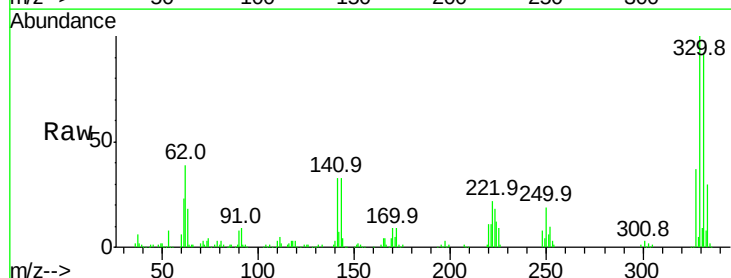
Instrument :
BNA_G
ClientSampled :

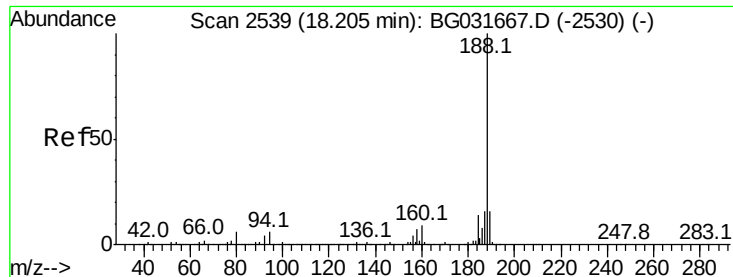
Tot Ion:149 Resp: 185
Ion Ratio Lower Upper
149 100
177 0.0 18.5 27.7#
150 0.0 10.2 15.2#



#62
Azobenzene
Concen: 0.113 ng
RT: 16.93 min Scan# 2321
Delta R.T. 0.15 min
Lab File: BG031673.D
Acq: 21 Dec 2017 14:58

Tgt Ion: 77 Resp: 967
Ion Ratio Lower Upper
77 100
182 0.0 7.4 47.4#
105 83.2 0.3 40.3#
51 47.2 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.20 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

Instrument :

BNA_G

ClientSampleId :

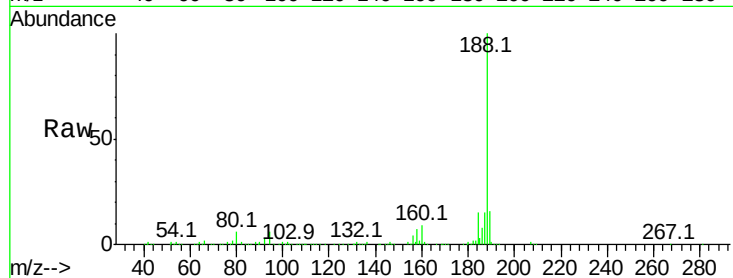
Tot Ion:188 Resp: 409073

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

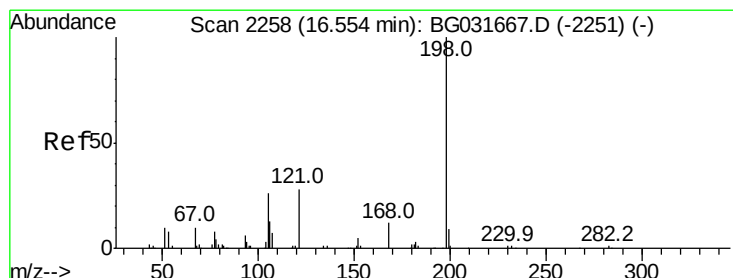
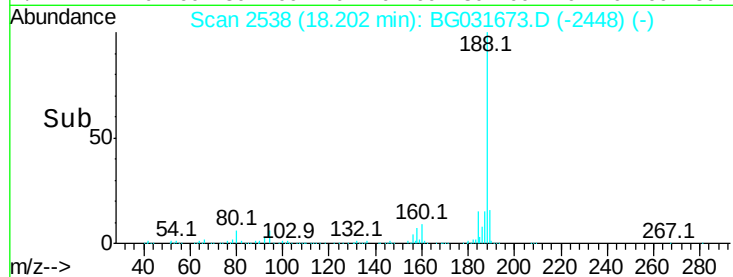
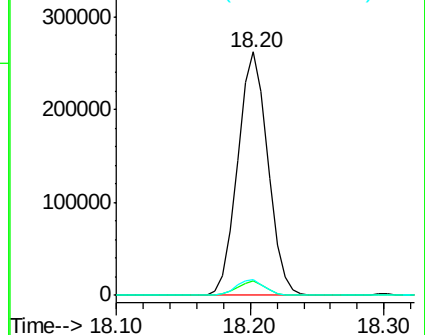
80 6.2 7.7 11.5#



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: 8.661 ng

RT: 16.94 min Scan# 2323

Delta R.T. 0.39 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

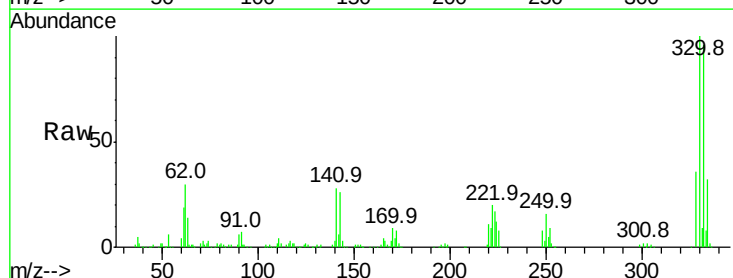
Tgt Ion:198 Resp: 854

Ion Ratio Lower Upper

198 100

51 109.9 30.6 70.6#

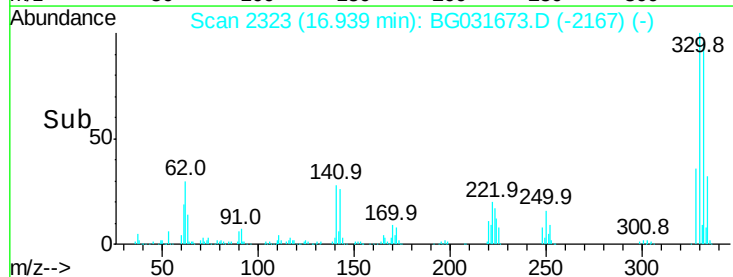
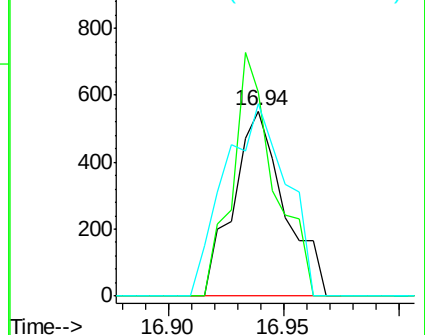
105 104.2 23.8 63.8#

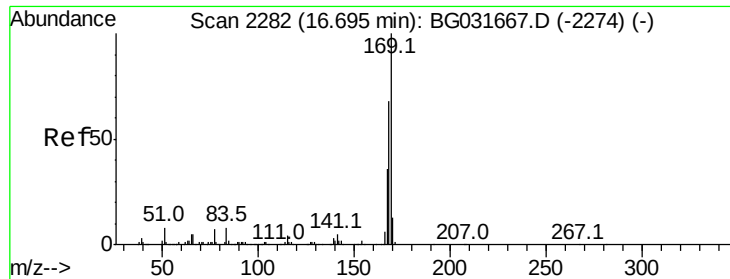


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

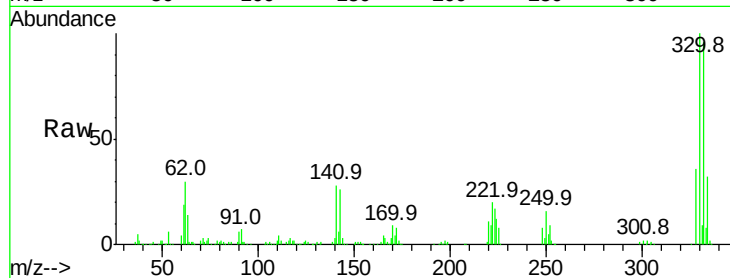




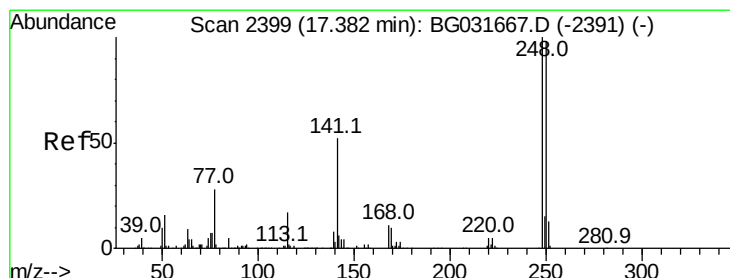
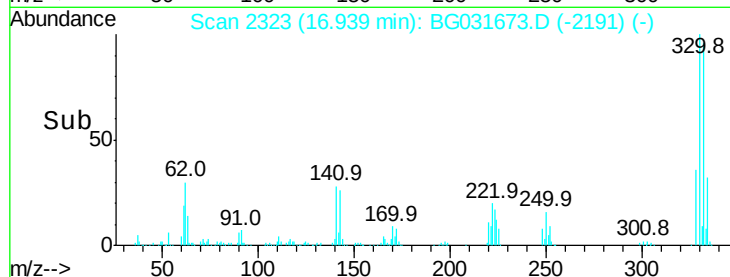
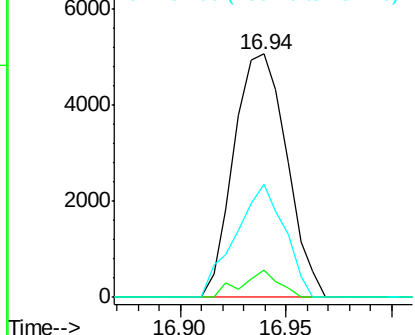
#65
 n-Nitrosodiphenylamine
 Concen: 0.645 ng
 RT: 16.94 min Scan# 2323
 Delta R.T. 0.24 min
 Lab File: BG031673.D
 Acq: 21 Dec 2017 14:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 8765
 Ion Ratio Lower Upper
 169 100
 168 11.4 55.7 83.5#
 167 46.7 30.1 45.1#

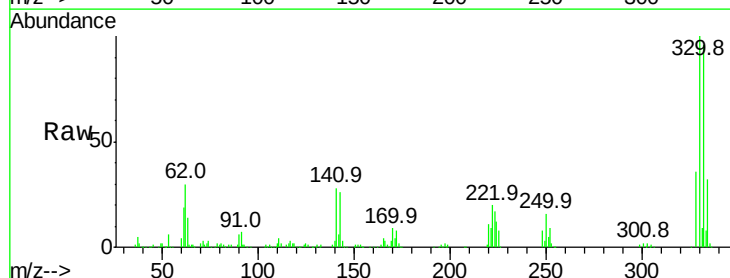


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

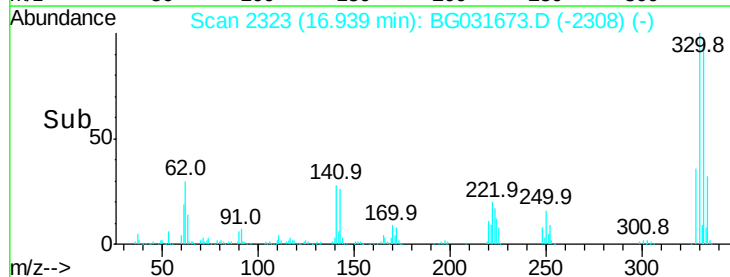
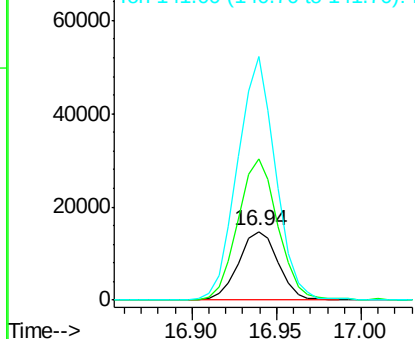


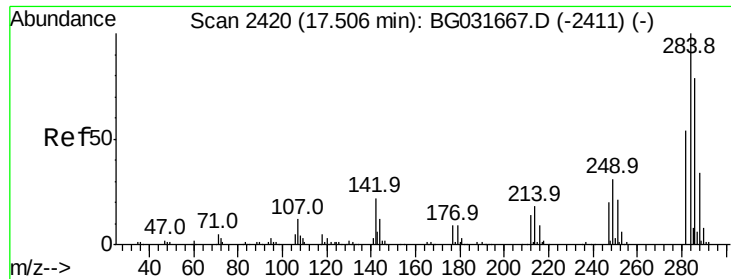
#66
 4-Bromophenyl-phenylether
 Concen: 4.051 ng
 RT: 16.94 min Scan# 2323
 Delta R.T. -0.44 min
 Lab File: BG031673.D
 Acq: 21 Dec 2017 14:58

Tgt Ion:248 Resp: 23966
 Ion Ratio Lower Upper
 248 100
 250 206.2 77.1 115.7#
 141 356.2 50.8 76.2#



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: 0.009 ng

RT: 17.72 min Scan# 2456

Delta R.T. 0.22 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

Instrument :

BNA_G

ClientSampleId :

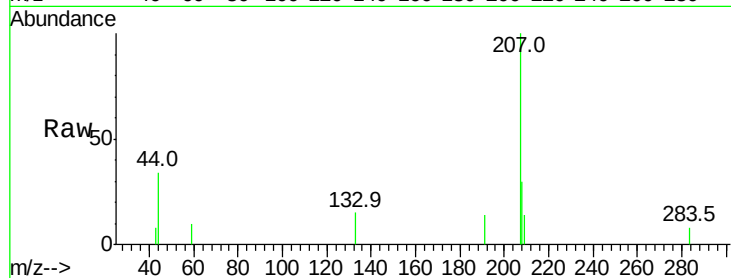
Tot Ion:284 Resp: 55

Ion Ratio Lower Upper

284 100

142 0.0 26.8 40.2#

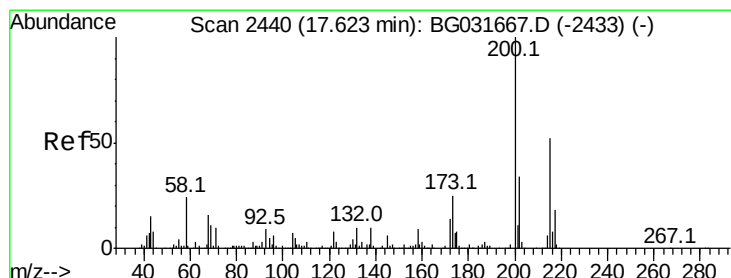
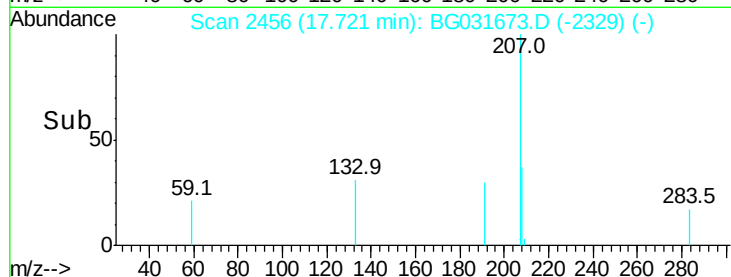
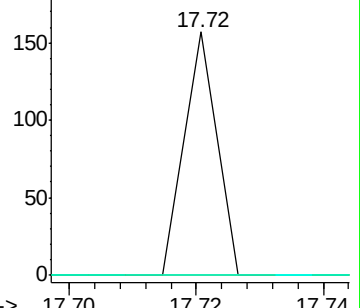
249 0.0 26.3 39.5#



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: 0.040 ng

RT: 17.61 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

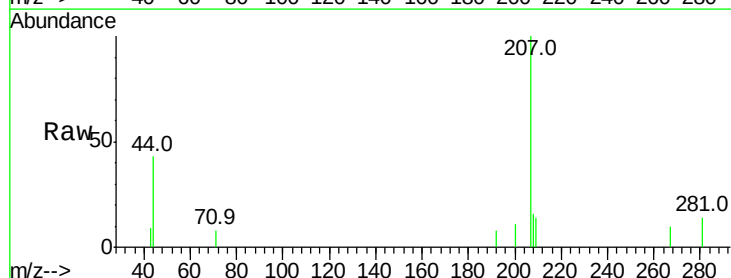
Tgt Ion:200 Resp: 209

Ion Ratio Lower Upper

200 100

173 0.0 5.2 45.2#

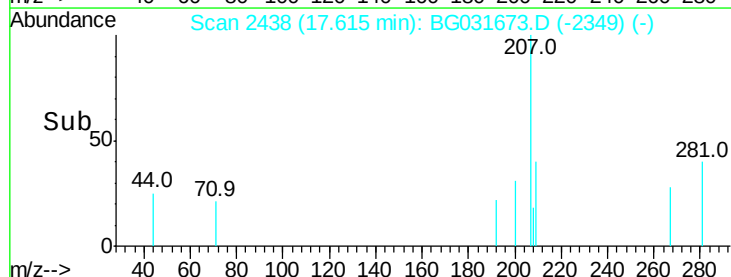
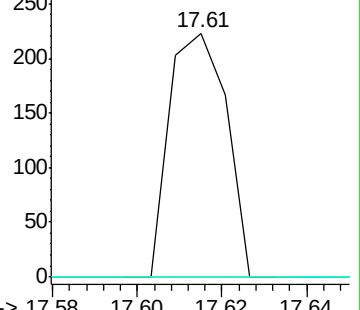
215 0.0 30.4 70.4#

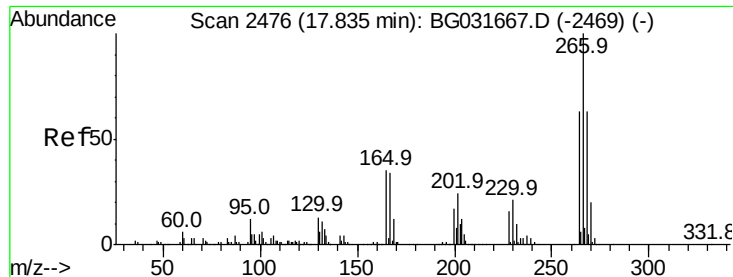


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 0.033 ng

RT: 17.84 min Scan# 2476

Delta R.T. 0.00 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

Instrument :

BNA_G

ClientSampled :

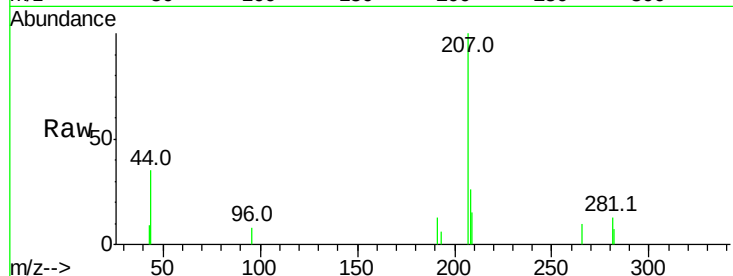
Tot Ion:266 Resp: 139

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

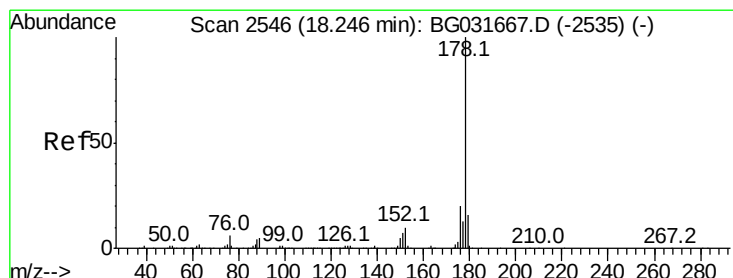
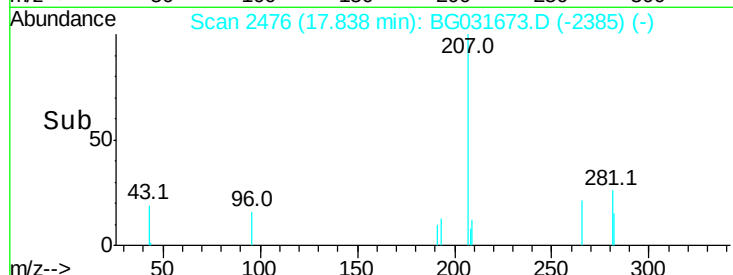
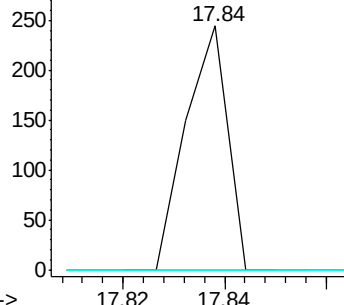
264 0.0 49.6 74.4#



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: 0.009 ng

RT: 18.20 min Scan# 2538

Delta R.T. -0.04 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

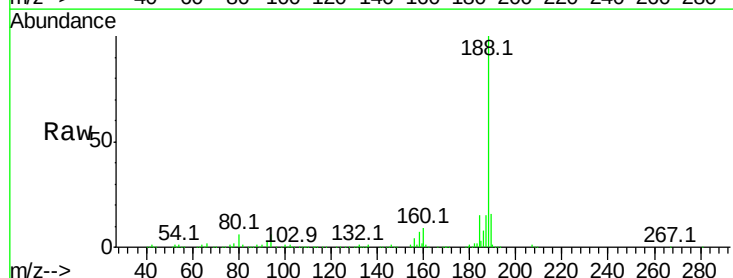
Tgt Ion:178 Resp: 198

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

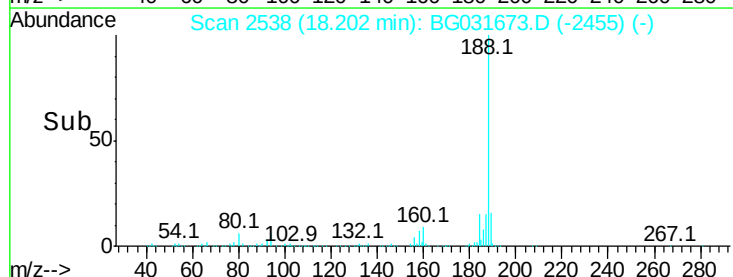
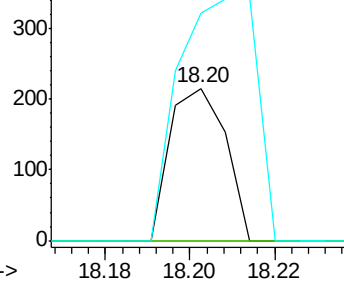
179 149.1 12.5 18.7#

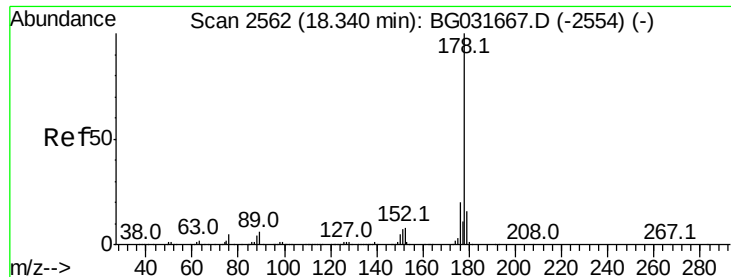


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 0.008 ng

RT: 18.20 min Scan# 2538

Delta R.T. -0.14 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

Instrument :

BNA_G

ClientSampleId :

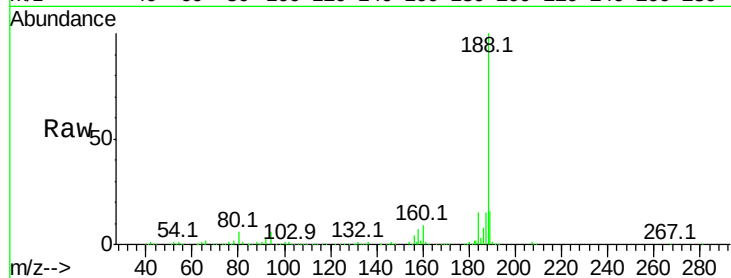
Tot Ion:178 Resp: 198

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

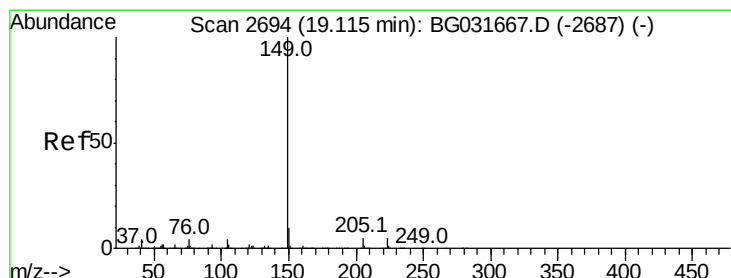
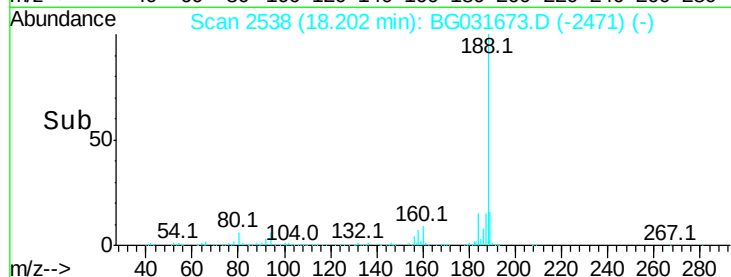
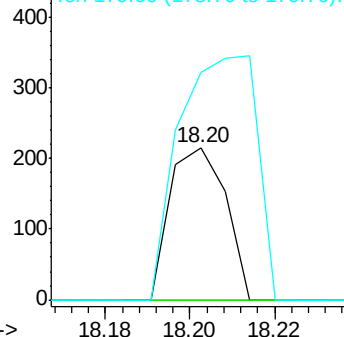
179 149.1 12.5 18.7#



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



#73

Di-n-butylphthalate

Concen: 0.043 ng

RT: 19.12 min Scan# 2694

Delta R.T. 0.00 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

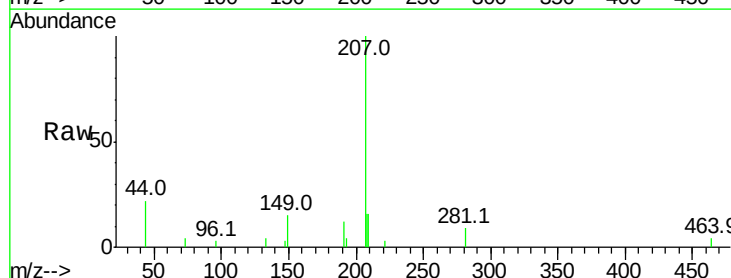
Tgt Ion:149 Resp: 992

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

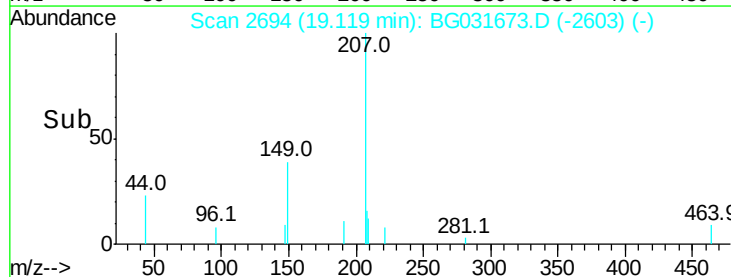
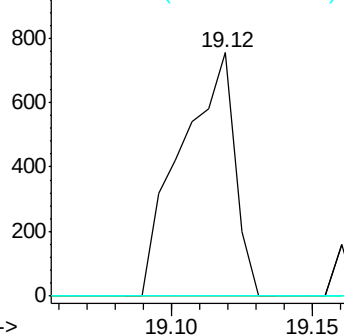
104 0.0 3.9 5.9#

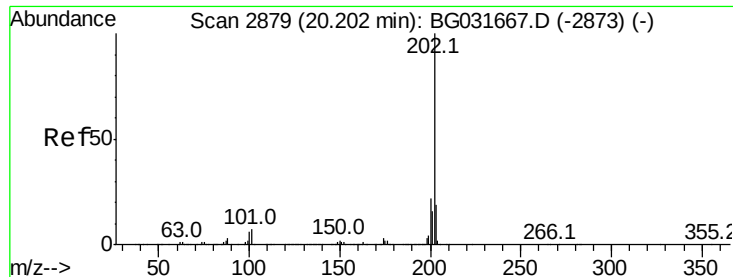


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.005 ng

RT: 20.20 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG031673.D

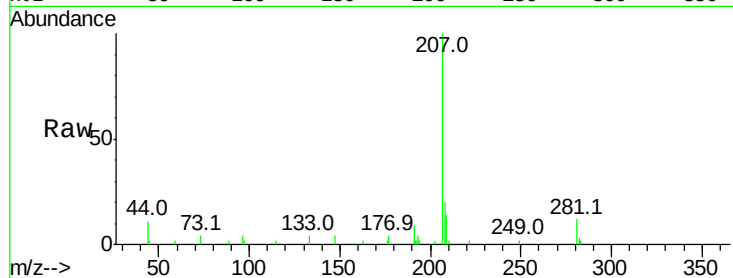
Acq: 21 Dec 2017 14:58

Instrument :

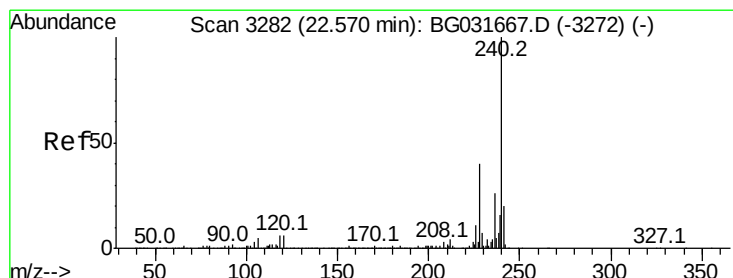
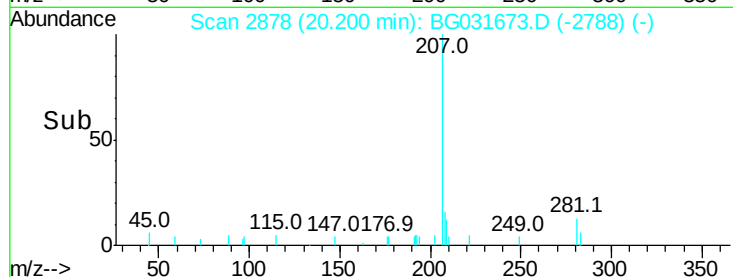
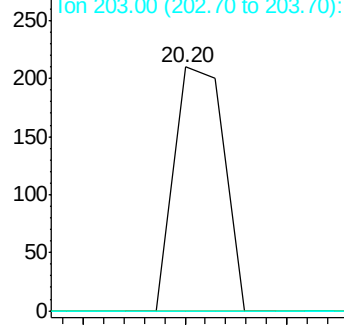
BNA_G

ClientSampled :

Tot Ion:	202	Resp:	145
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.9
203	0.0	0.0	37.5



Abundance Ion 202.00 (201.70 to 202.70): E



#75

Chrysene-d12

Concen: 20.000 ng

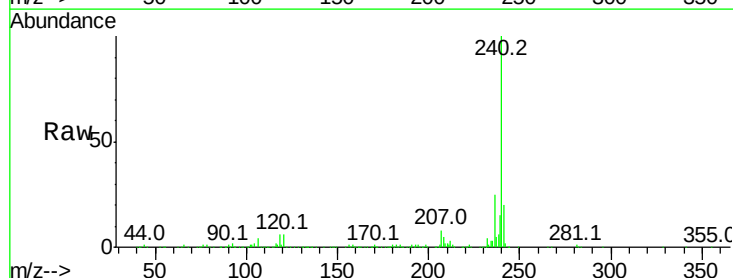
RT: 22.57 min Scan# 3281

Delta R.T. -0.00 min

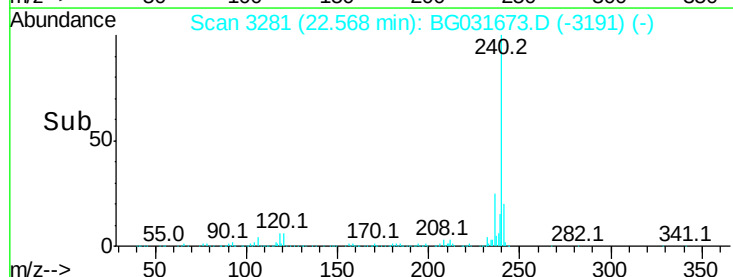
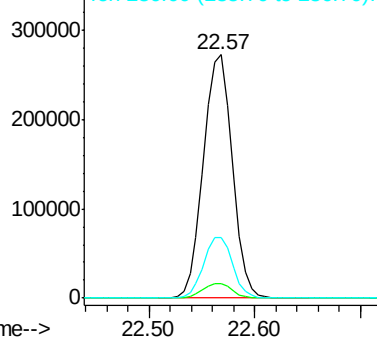
Lab File: BG031673.D

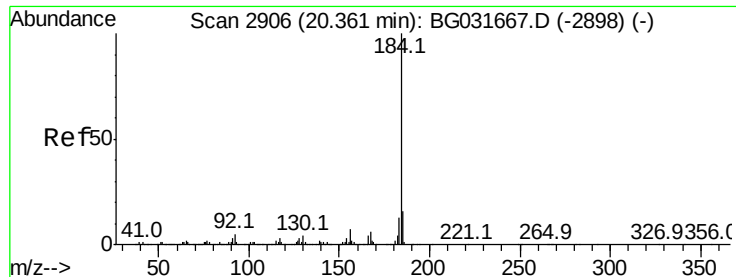
Acq: 21 Dec 2017 14:58

Tgt Ion:	240	Resp:	516807
Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.8	10.2#
236	25.1	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E





#76

Benzidine

Concen: 0.201 ng

RT: 20.36 min Scan# 2906

Delta R.T. 0.00 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

Instrument :

BNA_G

ClientSampleId :

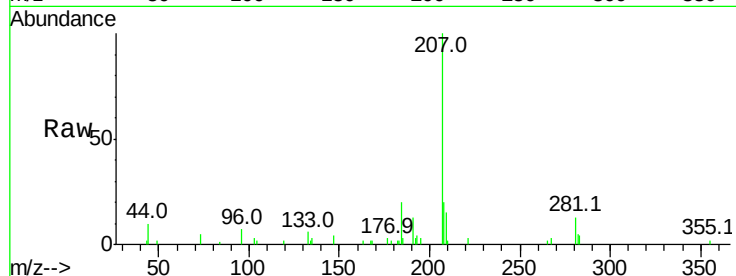
Tot Ion:184 Resp: 3206

Ion	Ratio	Lower	Upper
184	100		
185	15.5	11.1	16.7
183	8.4	10.6	16.0

184 100

185 15.5 11.1 16.7

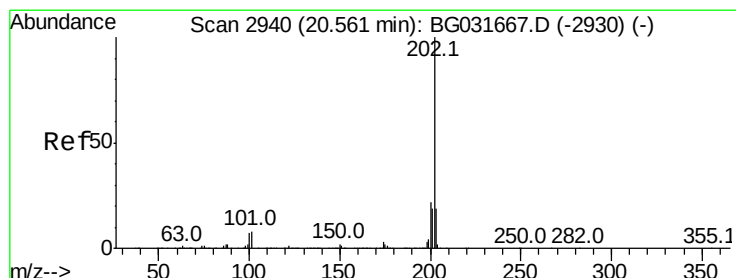
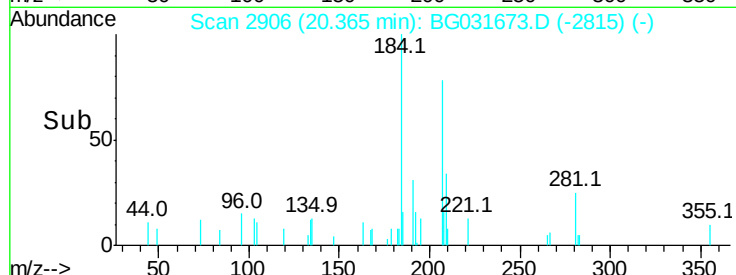
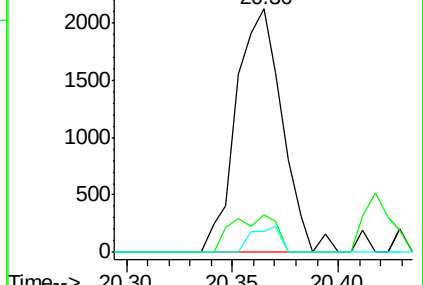
183 8.4 10.6 16.0



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

Pyrene

Concen: 0.203 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.18 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

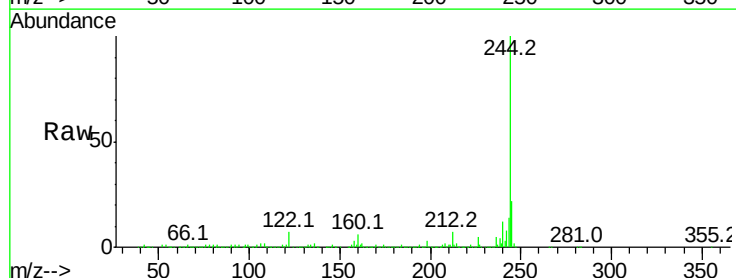
Tgt Ion:202 Resp: 6693

Ion	Ratio	Lower	Upper
202	100		
200	48.0	16.9	25.3
203	17.2	13.9	20.9

202 100

200 48.0 16.9 25.3

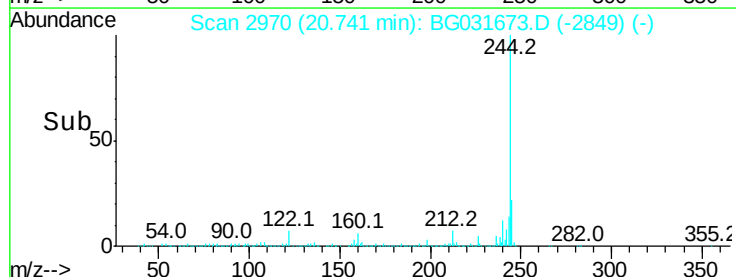
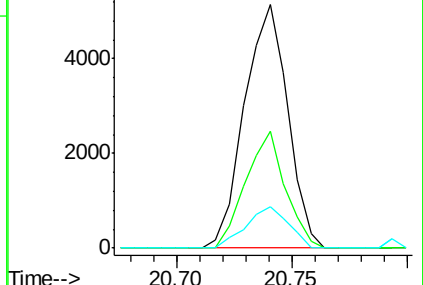
203 17.2 13.9 20.9

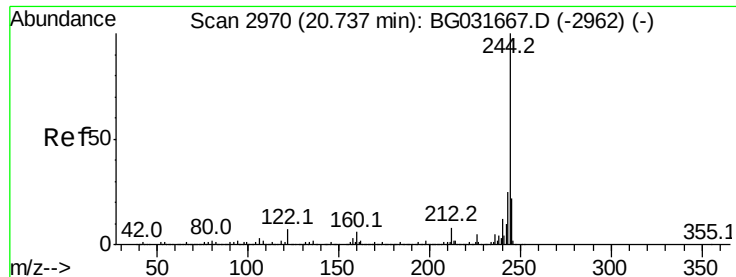


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 81.428 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.00 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

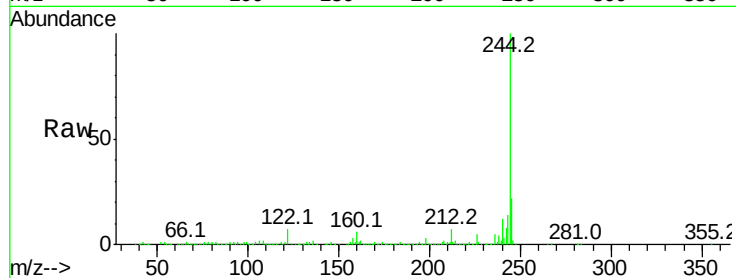
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1841967

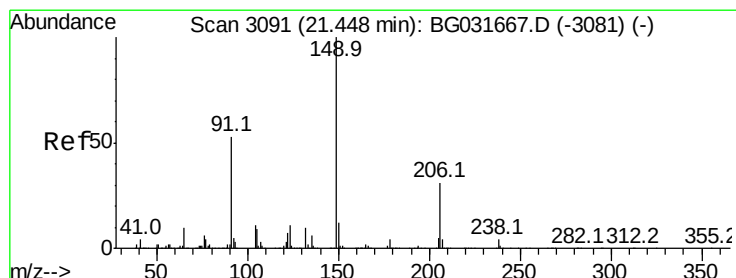
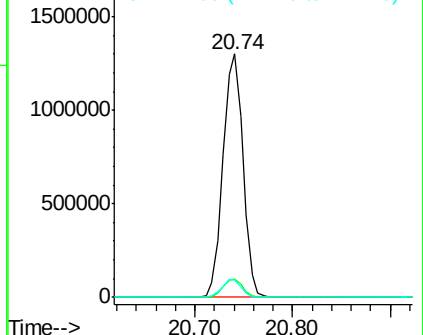
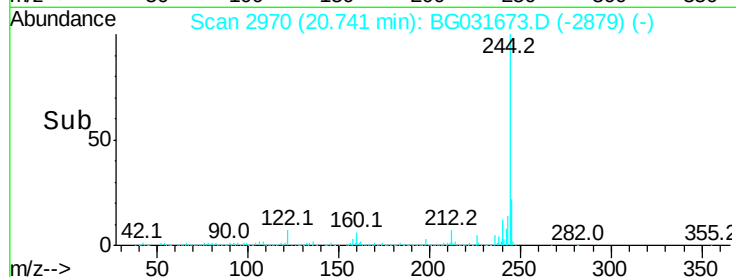
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	7.2	7.0	10.4



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: 0.040 ng

RT: 21.45 min Scan# 3090

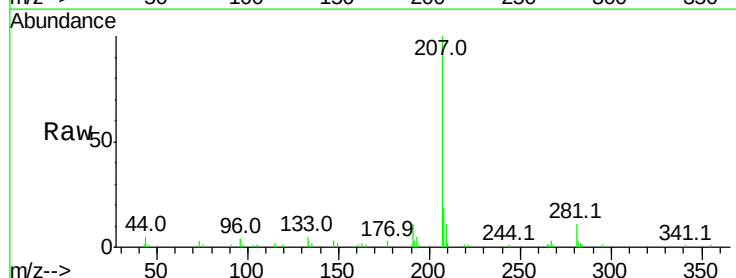
Delta R.T. -0.00 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

Tgt Ion:149 Resp: 447

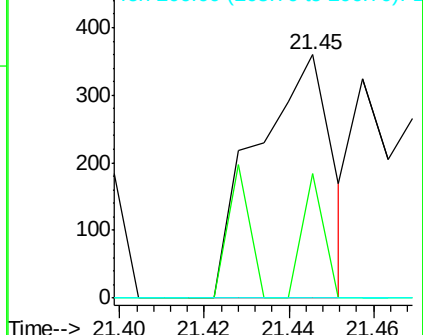
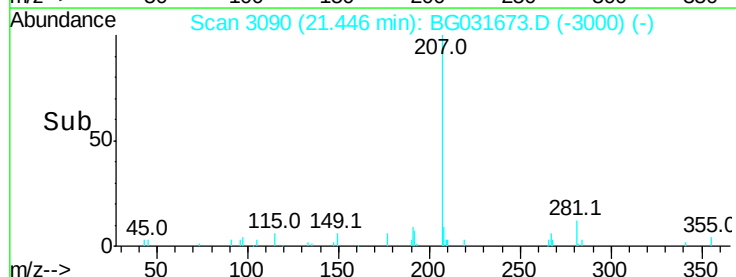
Ion	Ratio	Lower	Upper
149	100		
91	51.1	62.2	93.2#
206	0.0	18.6	27.8#

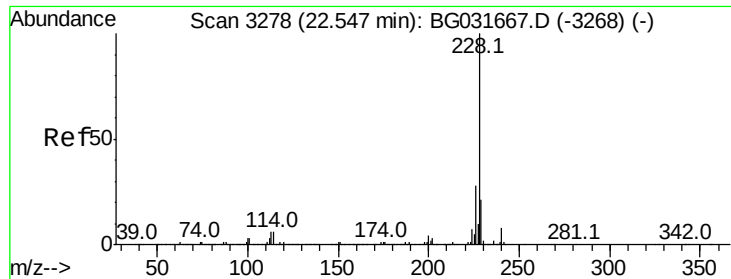


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

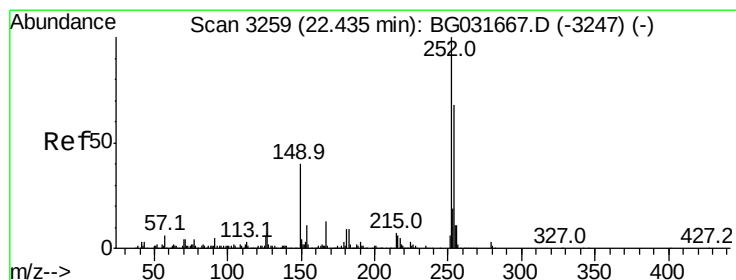
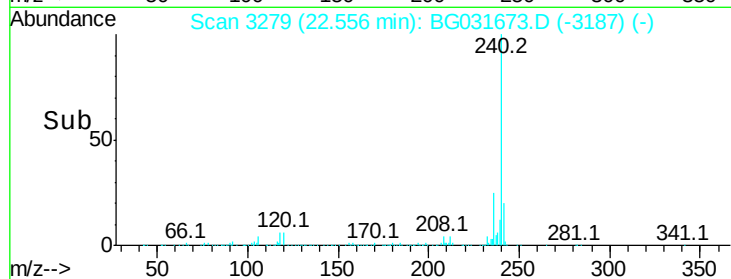
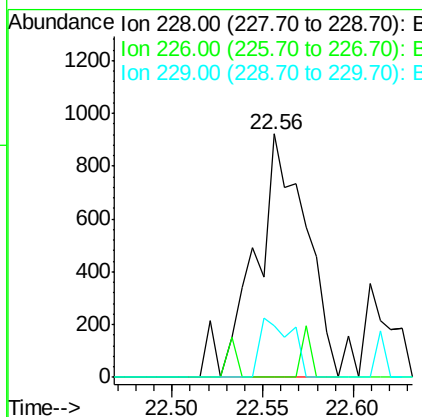
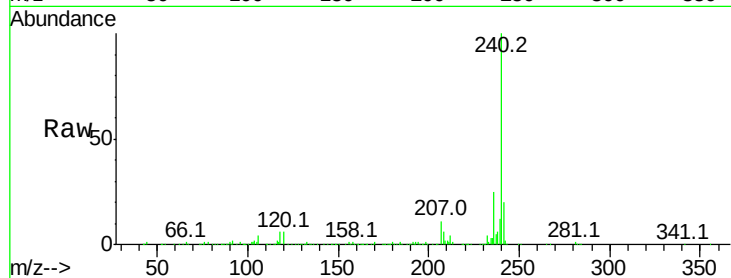




#80
Benzo(a)anthracene
Concen: 0.055 ng
RT: 22.56 min Scan# 3279
Delta R.T. 0.01 min
Lab File: BG031673.D
Acq: 21 Dec 2017 14:58

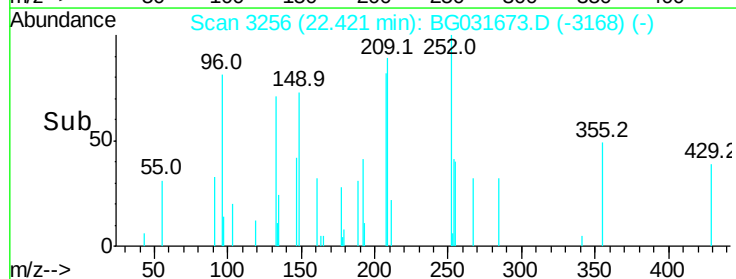
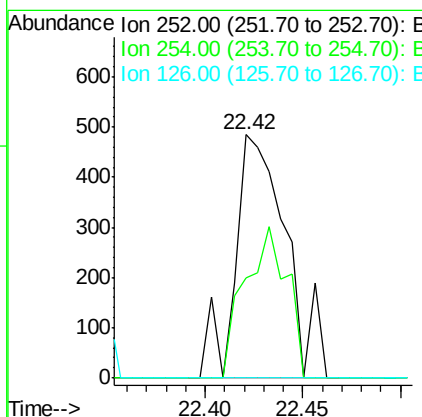
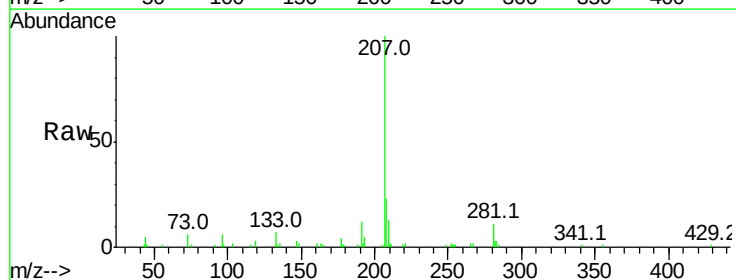
Instrument :
BNA_G
ClientSampleId :

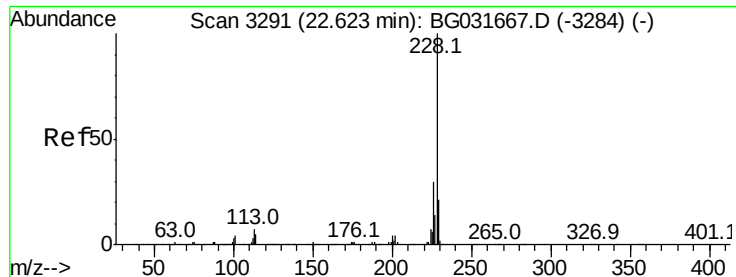
Tot Ion:228 Resp: 1817
Ion Ratio Lower Upper
228 100
226 0.0 22.7 34.1#
229 20.9 16.2 24.2



#81
3,3'-Dichlorobenzidine
Concen: 0.069 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BG031673.D
Acq: 21 Dec 2017 14:58

Tgt Ion:252 Resp: 875
Ion Ratio Lower Upper
252 100
254 41.2 50.8 76.2#
126 0.0 7.4 11.2#





#82

Chrysene

Concen: 0.012 ng

RT: 22.61 min Scan# 3288

Delta R.T. -0.01 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

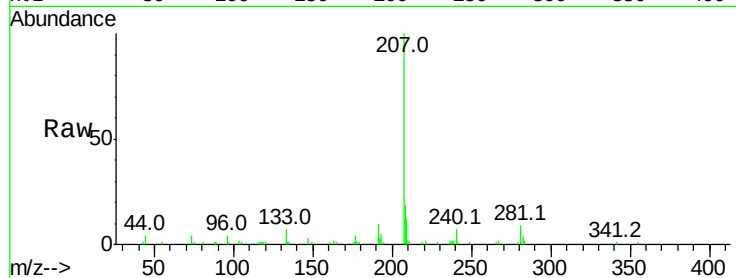
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 387

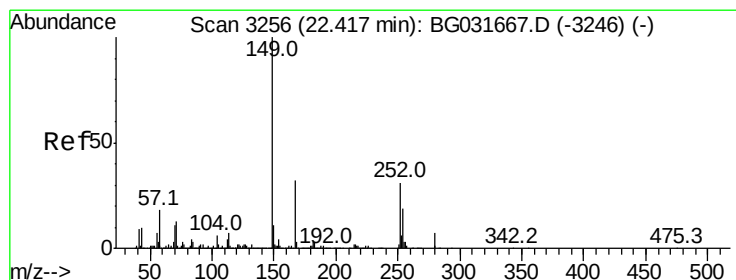
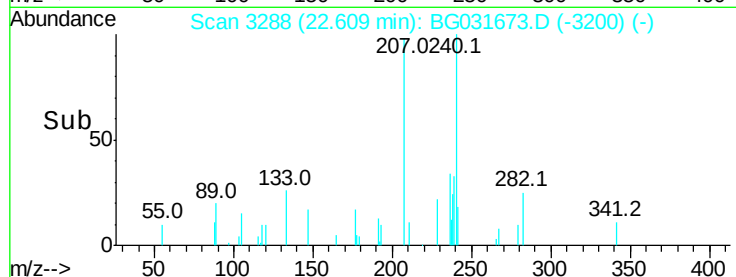
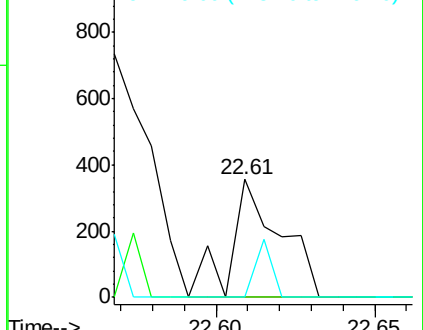
Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	0.0	15.0	22.4#



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: 0.106 ng

RT: 22.41 min Scan# 3254

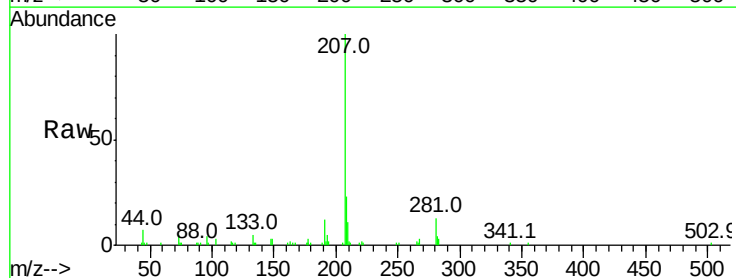
Delta R.T. -0.01 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

Tgt Ion:149 Resp: 1703

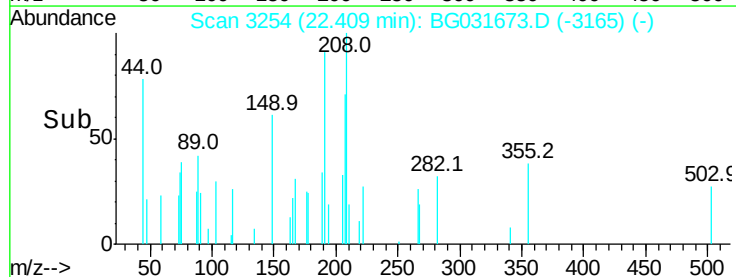
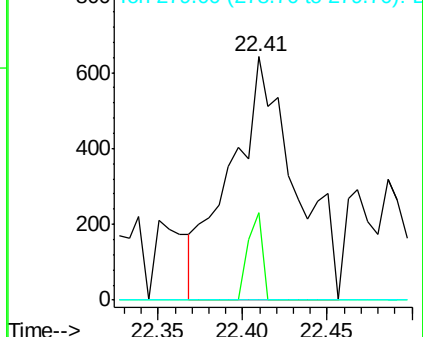
Ion	Ratio	Lower	Upper
149	100		
167	36.0	24.3	36.5
279	0.0	4.0	6.0#

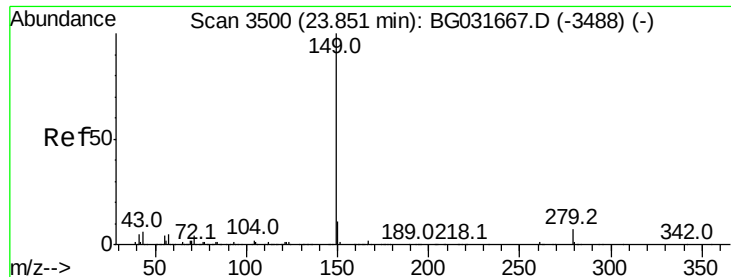


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.070 ng

RT: 23.84 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

Instrument :

BNA_G

ClientSampleId :

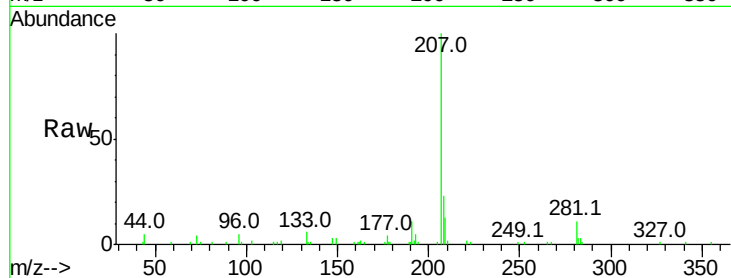
Tot Ion:149 Resp: 1898

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

43 13.5 8.9 13.3#

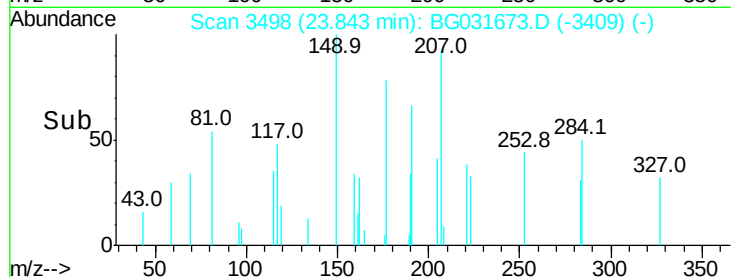


Abundance Ion 149.00 (148.70 to 149.70): E

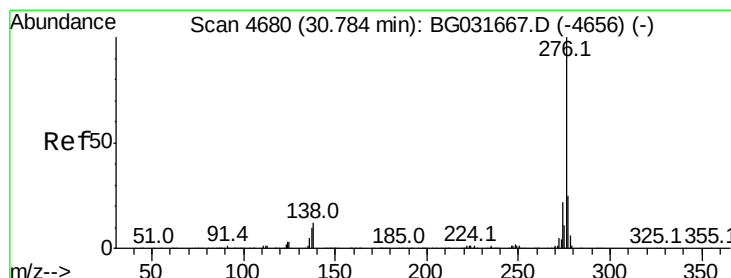
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Time--> 23.75 23.80 23.85 23.90



Time--> 23.75 23.80 23.85 23.90



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.003 ng

RT: 30.75 min Scan# 4673

Delta R.T. -0.04 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

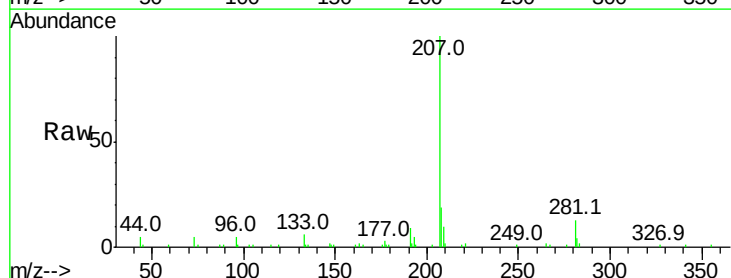
Tgt Ion:276 Resp: 127

Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

277 44.9 20.0 30.0#

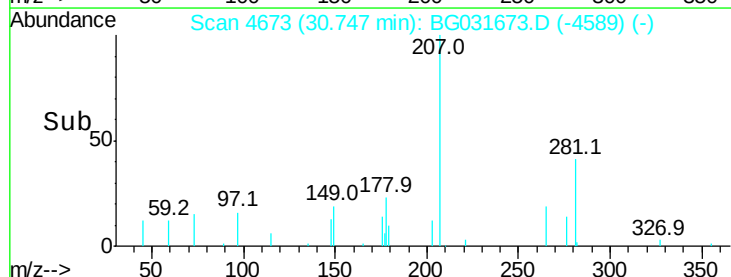


Abundance Ion 276.00 (275.70 to 276.70): E

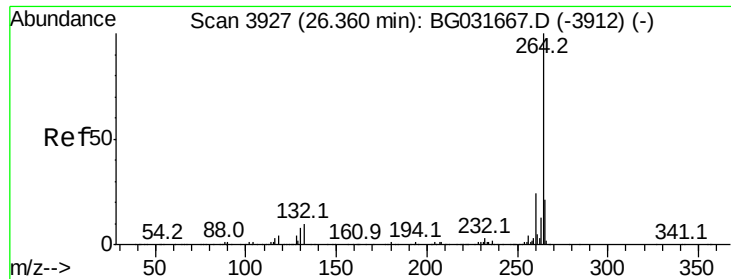
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time--> 30.72 30.74 30.76 30.78



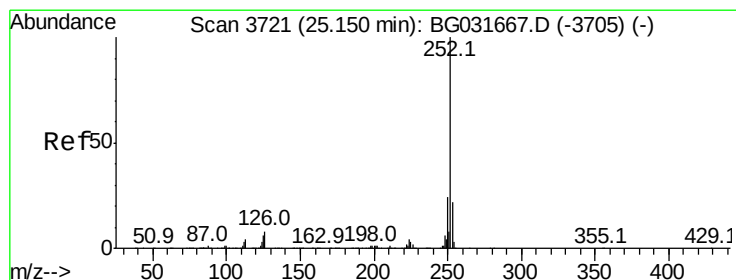
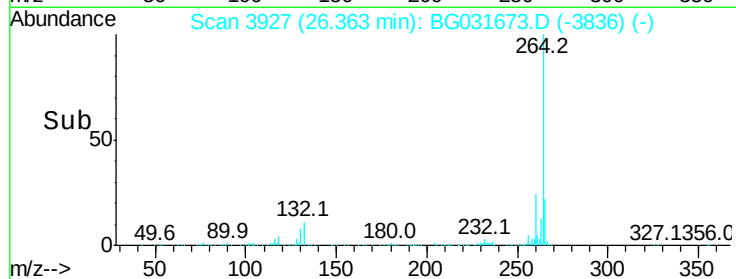
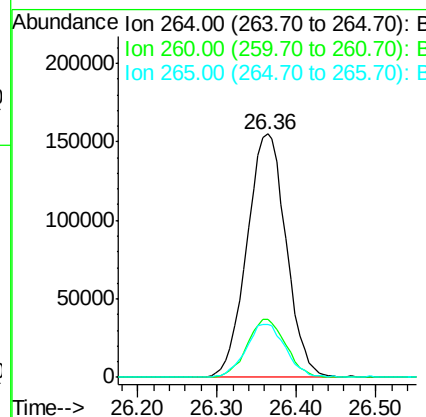
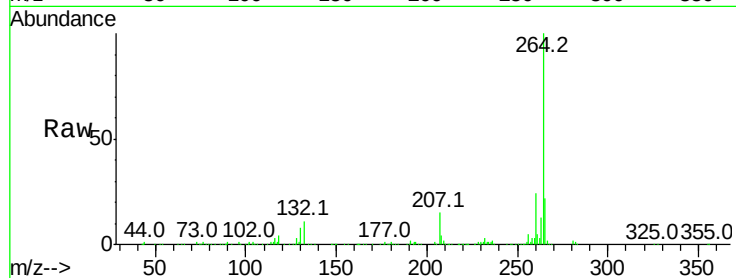
Time--> 30.72 30.74 30.76 30.78



#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.36 min Scan# 3927
Delta R.T. 0.00 min
Lab File: BG031673.D
Acq: 21 Dec 2017 14:58

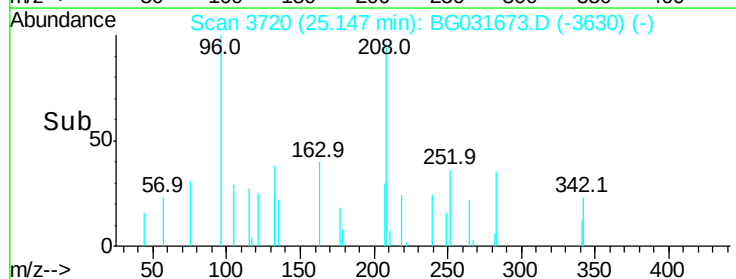
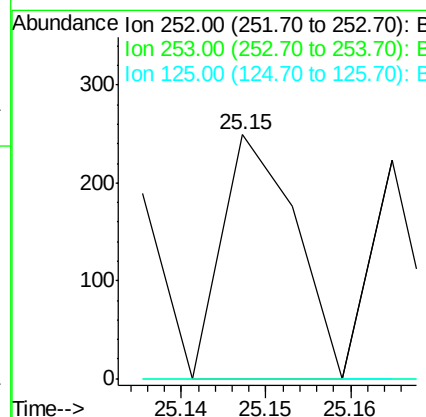
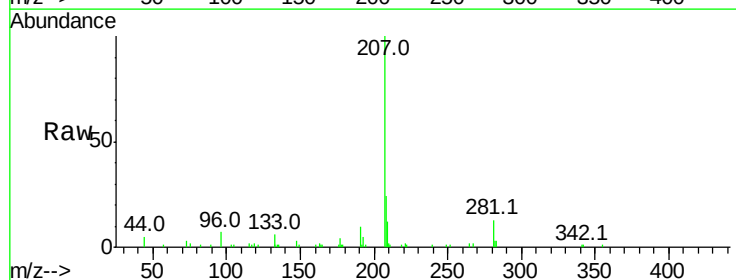
Instrument :
BNA_G
ClientSampleId :

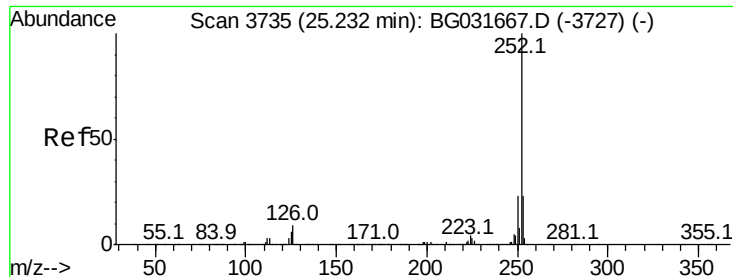
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.9	17.7	26.5



#87
Benzo(b)fluoranthene
Concen: 0.005 ng
RT: 25.15 min Scan# 3720
Delta R.T. -0.00 min
Lab File: BG031673.D
Acq: 21 Dec 2017 14:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.4#
125	0.0	7.2	10.8#





#88

Benzo(k)fluoranthene

Concen: 0.011 ng

RT: 25.25 min Scan# 3737

Delta R.T. 0.02 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

Instrument :

BNA_G

ClientSampleId :

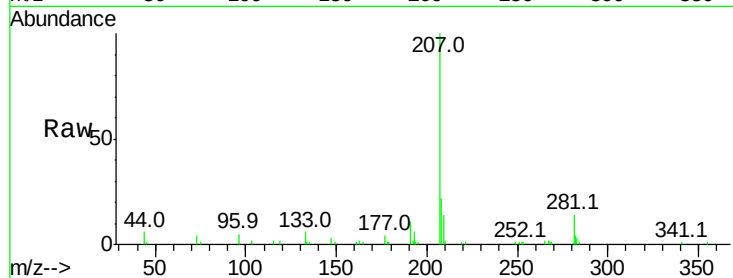
Tot Ion:252 Resp: 368

Ion Ratio Lower Upper

252 100

253 43.5 17.4 26.2#

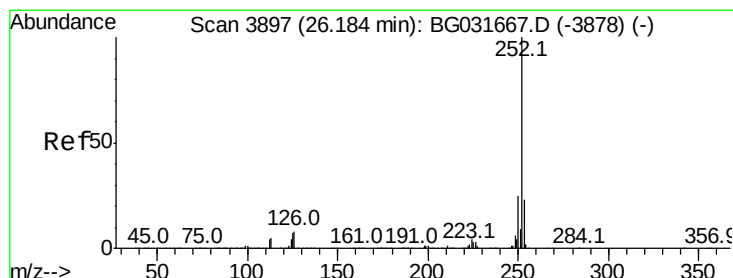
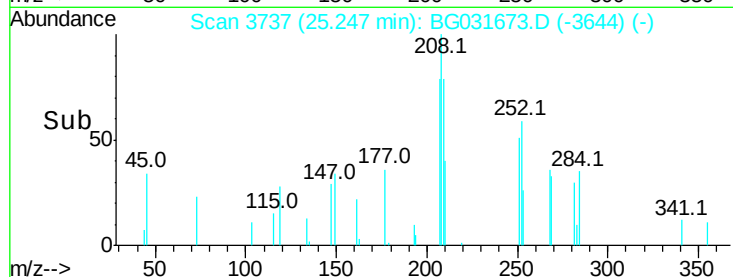
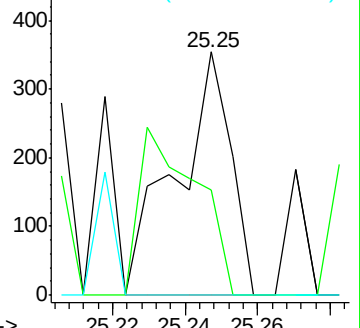
125 0.0 6.6 9.8#



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: 0.004 ng

RT: 26.19 min Scan# 3897

Delta R.T. 0.00 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

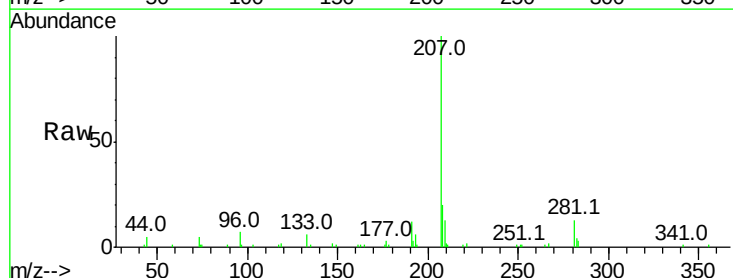
Tgt Ion:252 Resp: 131

Ion Ratio Lower Upper

252 100

253 0.0 18.3 27.5#

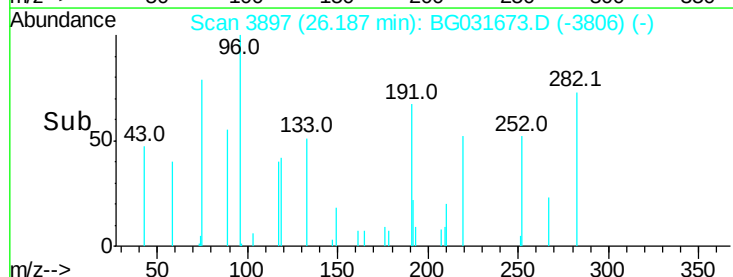
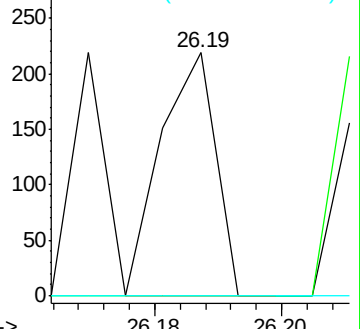
125 0.0 7.3 10.9#

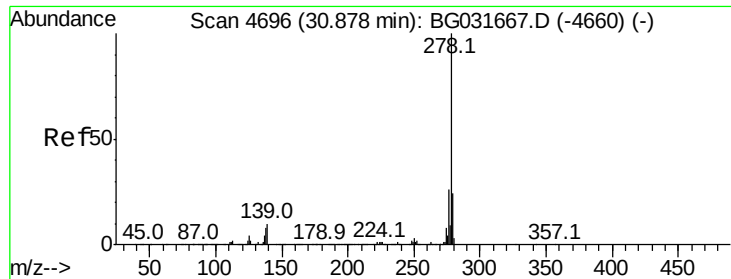


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.004 ng

RT: 30.89 min Scan# 4697

Delta R.T. 0.01 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

Instrument :

BNA_G

ClientSampled :

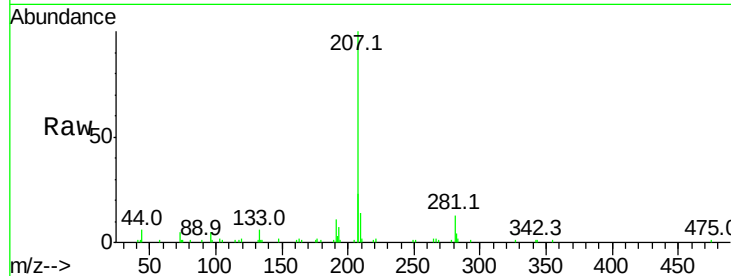
Tot Ion:278 Resp: 121

Ion Ratio Lower Upper

278 100

139 0.0 9.8 14.6#

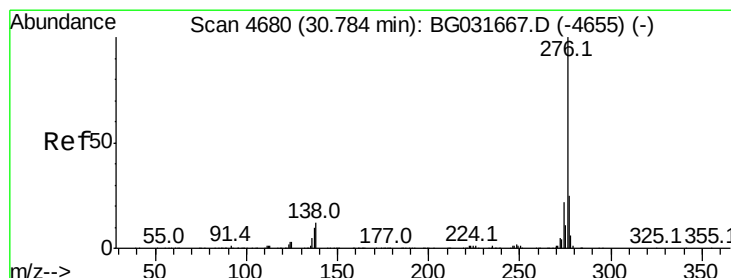
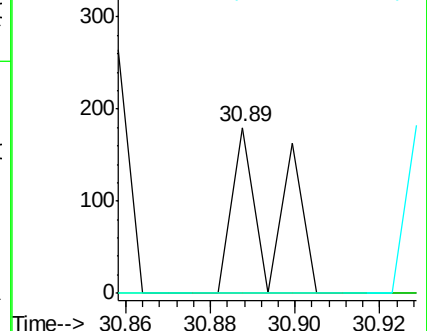
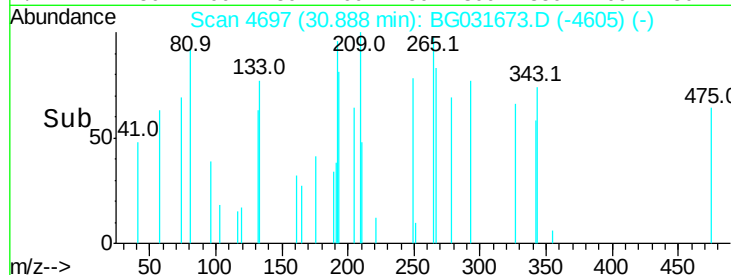
279 0.0 18.4 27.6#



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(g,h,i)perylene

Concen: 0.003 ng

RT: 30.75 min Scan# 4673

Delta R.T. -0.04 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

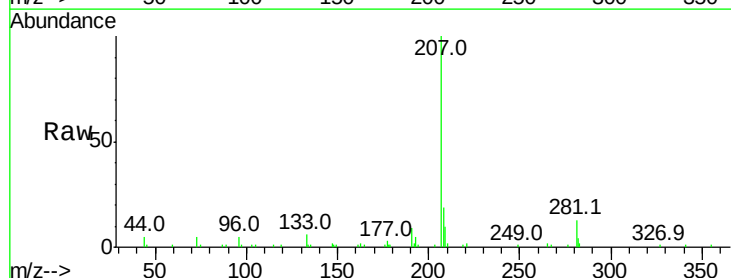
Tgt Ion:276 Resp: 127

Ion Ratio Lower Upper

276 100

277 0.0 18.3 27.5#

138 0.0 13.9 20.9#



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

