

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034095.D
 Acq On : 2 May 2018 1:35
 Operator : SJ/JU
 Sample : PB108327BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108327BL

Quant Time: May 02 07:13:06 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	73887	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	281921	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	220119	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	643184	20.00	ng	0.00
75) Chrysene-d12	21.76	240	763808	20.00	ng	-0.01
86) Perylene-d12	25.05	264	734164	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	404072	88.36	ng	0.00
7) Phenol-d6	7.22	99	597208	83.88	ng	0.00
23) Nitrobenzene-d5	9.24	82	603038	82.07	ng	0.00
41) 2,4,6-Tribromophenol	16.20	330	262408	86.09	ng	-0.01
44) 2-Fluorobiphenyl	13.34	172	1284237	85.01	ng	-0.01
78) Terphenyl-d14	20.09	244	2725350	78.17	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.56	88	286	0.149	ng	# 1
3) Pyridine	3.94	79	118	0.020	ng	# 1
4) n-Nitrosodimethylamine	3.85	42	282	0.086	ng	# 1
6) Aniline	7.41	93	217	0.022	ng	# 1
8) 2-Chlorophenol	7.65	128	61	0.013	ng	# 29
10) Phenol	7.25	94	89	0.012	ng	# 1
11) bis(2-Chloroethyl)ether	7.48	93	55	0.010	ng	# 16
12) 1,3-Dichlorobenzene	7.98	146	96	0.017	ng	# 26
13) 1,4-Dichlorobenzene	8.13	146	68	0.012	ng	# 23
14) 1,2-Dichlorobenzene	8.45	146	81	0.015	ng	# 25
15) Benzyl Alcohol	8.40	79	12244	1.612	ng	# 58
16) 2,2'-oxybis(1-Chloropropan	8.65	45	66	0.008	ng	# 75
17) 2-Methylphenol	8.42	107	53	0.011	ng	# 1
18) Hexachloroethane	9.16	117	97	0.040	ng	# 31
20) 3+4-Methylphenols	8.92	107	70	0.010	ng	# 24
22) Acetophenone	8.90	105	98	0.010	ng	# 50
24) Nitrobenzene	9.32	77	296	0.037	ng	# 42
25) Isophorone	9.82	82	143	0.010	ng	# 7
26) 2-Nitrophenol	9.93	139	115	0.052	ng	# 70
27) 2,4-Dimethylphenol	10.03	122	65	0.015	ng	# 1
28) bis(2-Chloroethoxy)methane	10.31	93	131	0.018	ng	# 45
29) 2,4-Dichlorophenol	10.54	162	60	0.012	ng	# 23
30) 1,2,4-Trichlorobenzene	10.78	180	115	0.019	ng	# 15
31) Naphthalene	10.91	128	192	0.013	ng	# 1
33) 4-Chloroaniline	11.09	127	54	0.008	ng	# 46
34) Hexachlorobutadiene	11.22	225	61	0.012	ng	# 20
35) Caprolactam	11.81	113	60	0.033	ng	# 1
36) 4-Chloro-3-methylphenol	12.11	107	216	0.032	ng	# 22
37) 2-Methylnaphthalene	12.44	142	86	0.007	ng	# 17
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	79	0.009	ng	# 84
40) Hexachlorocyclopentadiene	12.84	237	67	0.013	ng	# 22
42) 2,4,6-Trichlorophenol	13.10	196	106	0.021	ng	# 11
43) 2,4,5-Trichlorophenol	13.25	196	56	0.010	ng	# 17
45) 1,1'-Biphenyl	13.55	154	3084	0.179	ng	# 98

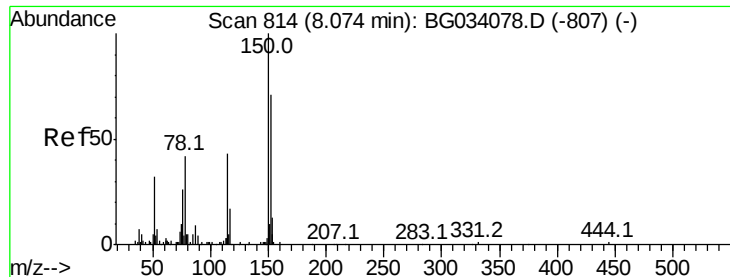
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034095.D
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 Operator : SJ/JU
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	13.55	162	78	0.006	nq	# 39
47) 2-Nitroaniline	13.85	65	204	0.039	nq	# 9
48) Acenaphthylene	14.47	152	198	0.010	nq	# 63
49) Dimethylphthalate	14.18	163	144	0.008	nq	# 77
51) Acenaphthene	14.77	154	69	0.005	nq	# 54
52) 3-Nitroaniline	14.57	138	171	0.046	nq	# 1
53) 2,4-Dinitrophenol	14.79	184	133	0.093	nq	# 1
54) Dibenzofuran	15.17	168	96	0.005	nq	# 46
55) 4-Nitrophenol	14.81	139	82	0.029	nq	# 1
57) Fluorene	16.20	166	8442	0.473	nq	# 94
58) 2,3,4,6-Tetrachlorophenol	15.32	232	57	0.010	nq	# 1
59) Diethylphthalate	15.50	149	70	0.003	nq	# 58
60) 4-Chlorophenyl-phenylether	15.77	204	73	0.007	nq	# 4
61) 4-Nitroaniline	15.77	138	69	0.018	nq	# 12
62) Azobenzene	16.08	77	110	0.005	nq	# 48
64) 4,6-Dinitro-2-methylphenol	15.84	198	139	0.046	nq	# 29
65) n-Nitrosodiphenylamine	16.21	169	12909	0.736	nq	# 38
67) Hexachlorobenzene	16.78	284	66	0.008	nq	# 24
68) Atrazine	16.98	200	79	0.925	nq	# 35
69) Pentachlorophenol	17.10	266	108	0.019	nq	# 19
70) Phenanthrene	17.52	178	125	0.004	nq	# 1
71) Anthracene	17.59	178	92	0.003	nq	# 59
72) Carbazole	17.86	167	87	0.003	nq	# 59
73) Di-n-butylphthalate	18.44	149	274	0.007	nq	# 78
74) Fluoranthene	19.55	202	59	0.001	nq	# 65
76) Benzidine	19.69	184	7423	0.377	nq	# 85
77) Pyrene	20.09	202	13808	0.289	nq	# 78
79) Butylbenzylphthalate	20.78	149	368	0.020	nq	# 38
80) Benzo(a)anthracene	21.77	228	2454	0.050	nq	# 52
81) 3,3'-Dichlorobenzidine	21.65	252	212	0.011	nq	# 26
82) Chrysene	21.77	228	2454	0.052	nq	# 48
83) Bis(2-ethylhexyl)phthalate	21.68	149	237	0.009	nq	# 50
84) Di-n-octyl phthalate	22.91	149	706	0.017	nq	# 1
85) Indeno(1,2,3-cd)pyrene	28.77	276	55	0.001	nq	# 1
87) Benzo(b)fluoranthene	23.99	252	54	0.001	nq	# 59
88) Benzo(k)fluoranthene	24.12	252	103	0.002	nq	# 60
89) Benzo(a)pyrene	24.89	252	238	0.005	nq	# 59
90) Dibenzo(a,h)anthracene	28.90	278	103	0.003	nq	# 58
91) Benzo(g,h,i)perylene	30.01	276	122	0.003	nq	# 34

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

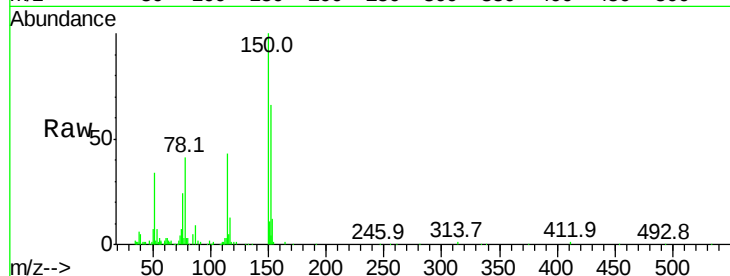


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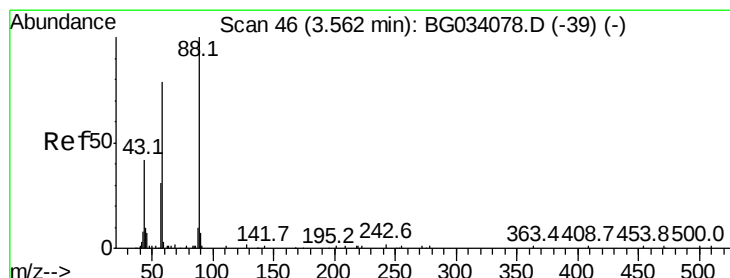
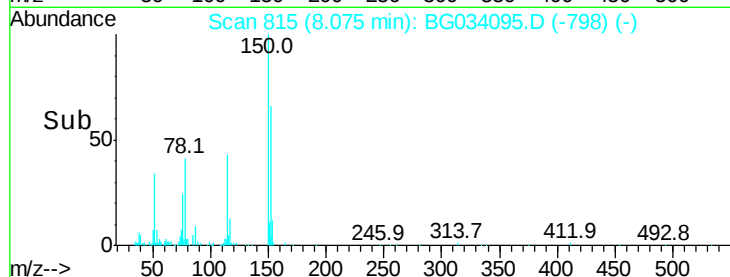
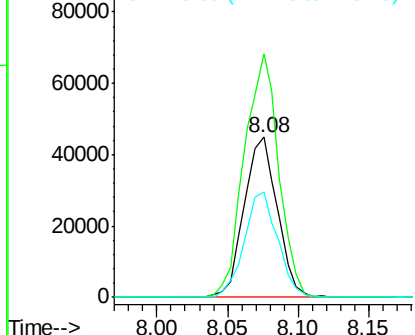
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BG034095.D
 Acq: 2 May 2018 1:35

Instrument :
 BNA_G
 ClientSampleId :
 PB108327BL

Tot Ion:152 Resp: 73887
 Ion Ratio Lower Upper
 152 100
 150 152.3 126.6 189.8
 115 65.5 53.0 79.4



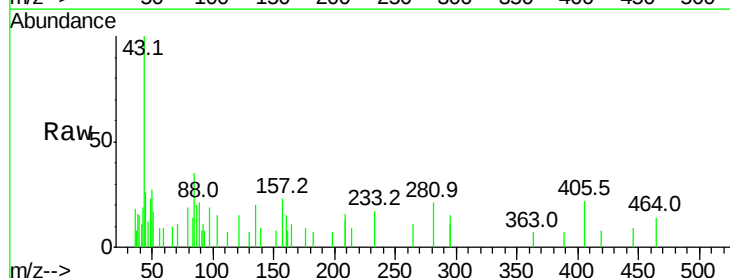
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



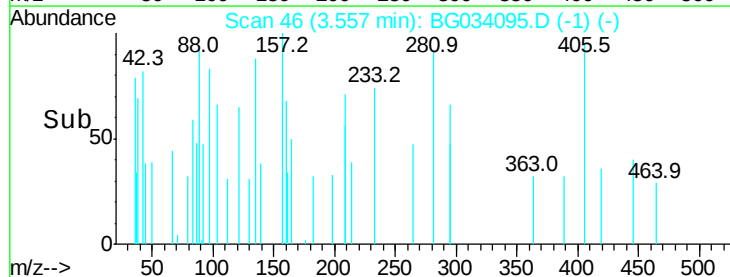
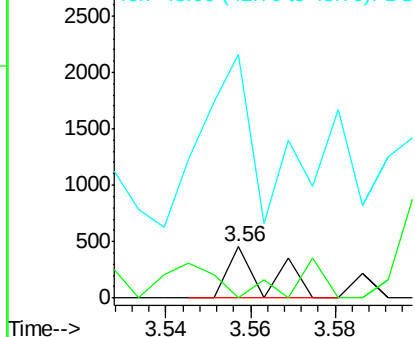
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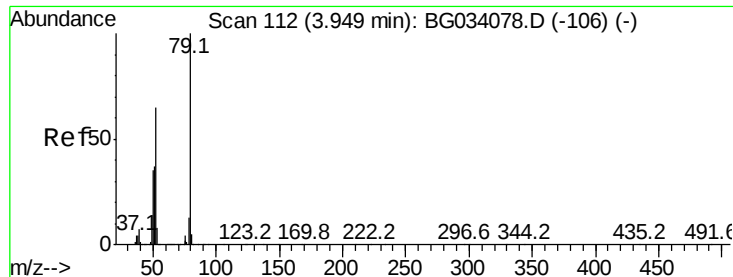
1,4-Dioxane
 Concen: 0.149 ng
 RT: 3.56 min Scan# 46
 Delta R.T. -0.00 min
 Lab File: BG034095.D
 Acq: 2 May 2018 1:35

Tgt Ion: 88 Resp: 286
 Ion Ratio Lower Upper
 88 100
 58 89.2 79.6 119.4
 43 420.6 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: 0.020 ng

RT: 3.94 min Scan# 112

Delta R.T. -0.00 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

PB108327BL

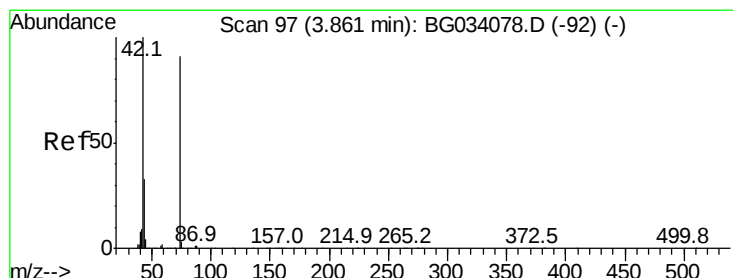
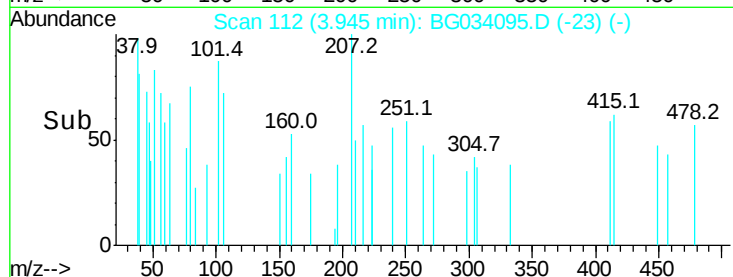
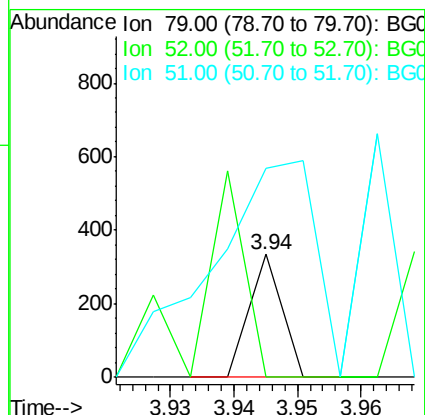
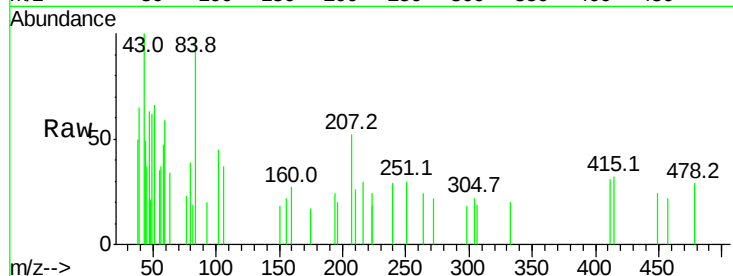
Tot Ion: 79 Resp: 118

Ion Ratio Lower Upper

79 100

52 0.0 69.9 104.9#

51 170.4 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 0.086 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.01 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

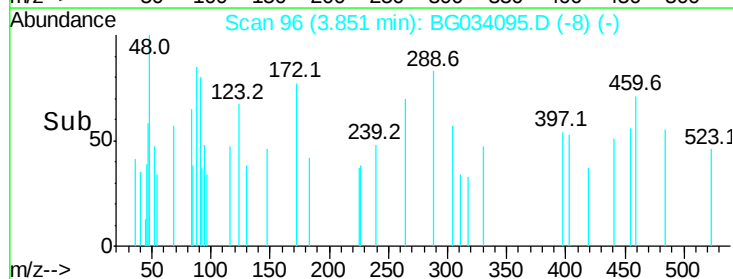
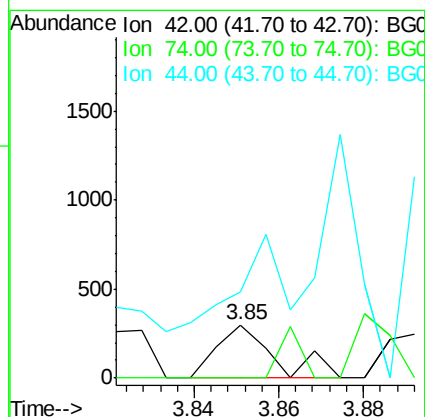
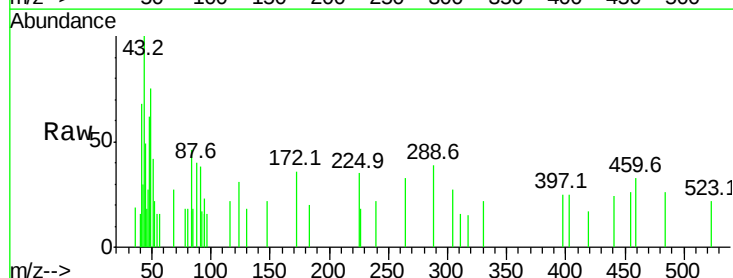
Tgt Ion: 42 Resp: 282

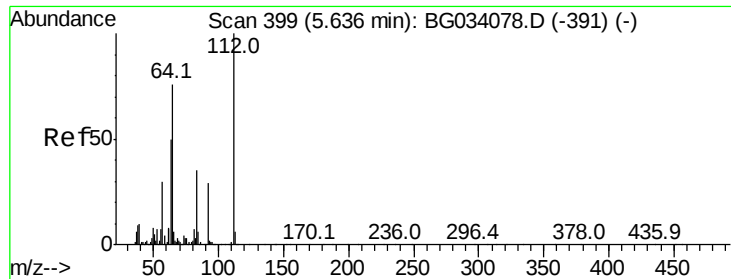
Ion Ratio Lower Upper

42 100

74 0.0 102.5 153.7#

44 161.7 18.9 28.3#





#5

2-Fluorophenol

Concen: 88.355 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.00 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

PB108327BL

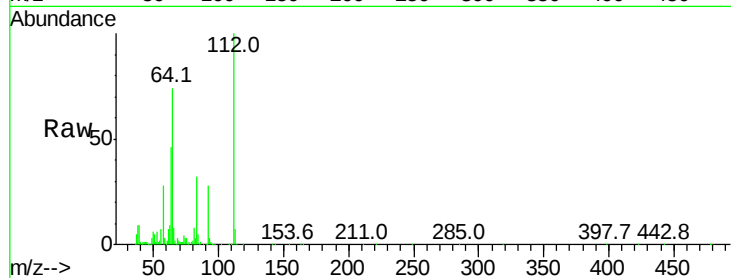
Tot Ion:112 Resp: 404072

Ion Ratio Lower Upper

112 100

64 73.6 56.3 84.5

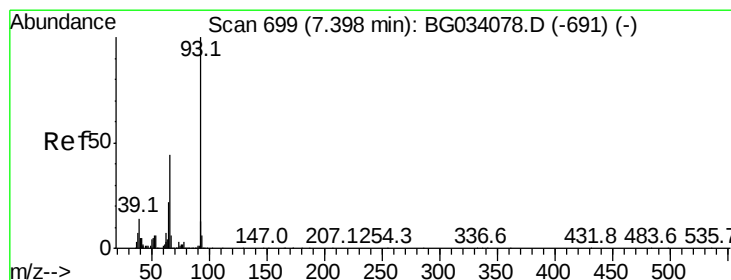
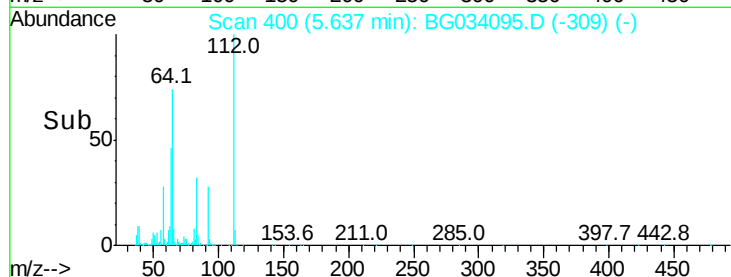
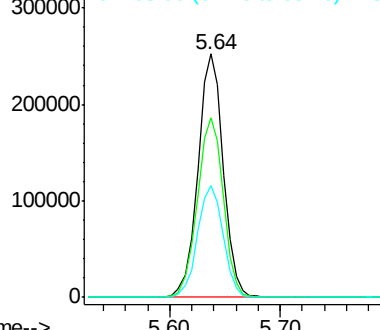
63 45.8 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.022 ng

RT: 7.41 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

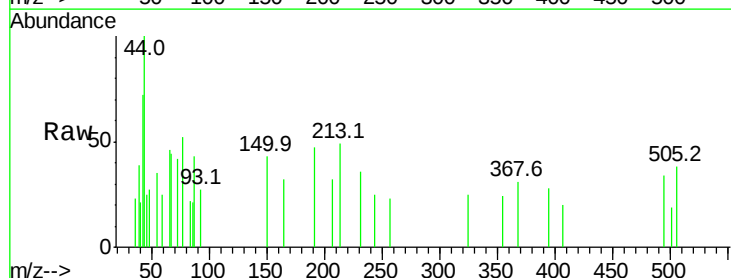
Tgt Ion: 93 Resp: 217

Ion Ratio Lower Upper

93 100

66 167.3 33.7 50.5#

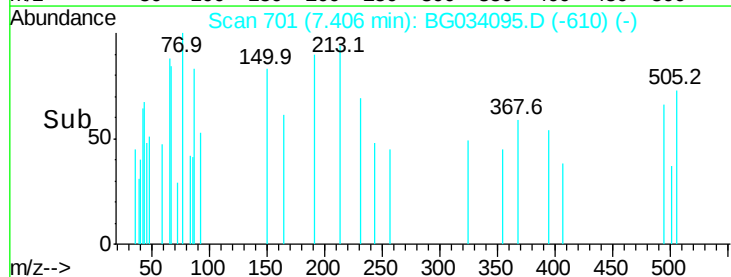
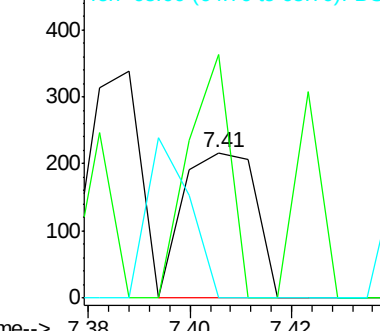
65 0.0 16.1 24.1#

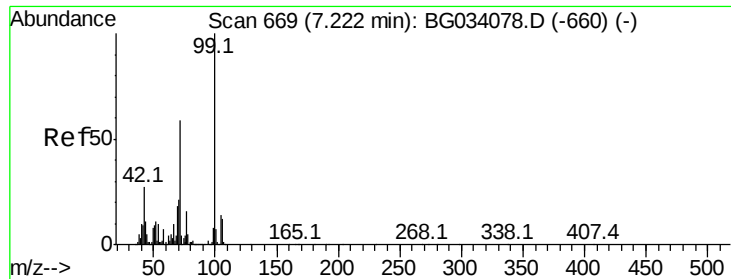


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.881 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

PB108327BL

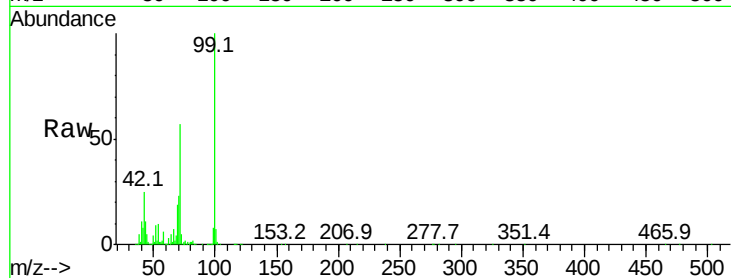
Tot Ion: 99 Resp: 597208

Ion Ratio Lower Upper

99 100

42 25.2 14.1 21.1#

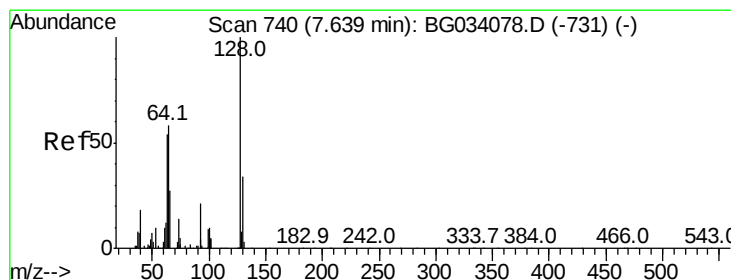
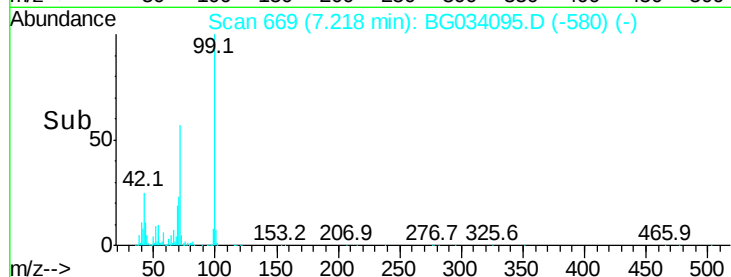
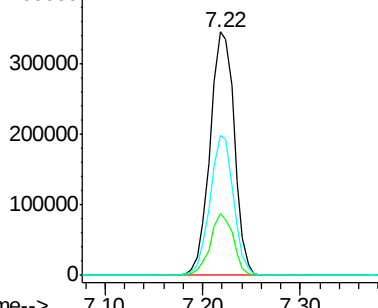
71 57.4 26.1 39.1#



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: 0.013 ng

RT: 7.65 min Scan# 742

Delta R.T. 0.01 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

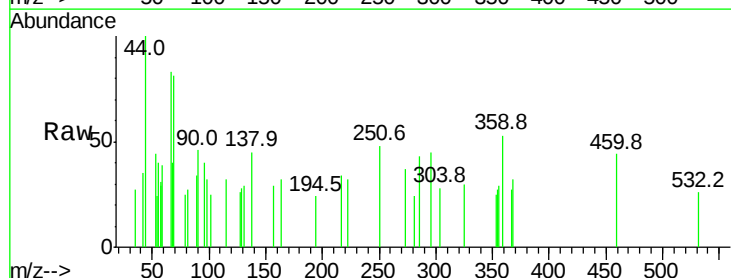
Tgt Ion: 128 Resp: 61

Ion Ratio Lower Upper

128 100

130 0.0 14.0 54.0#

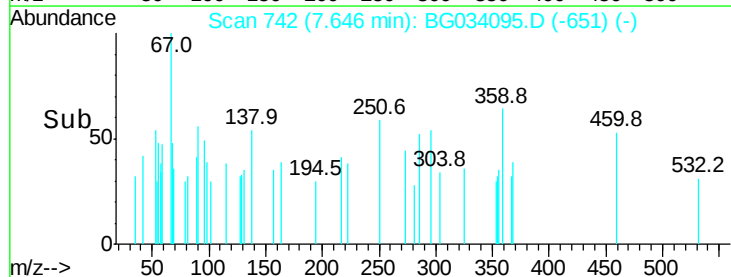
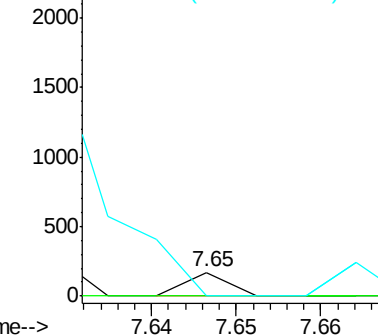
64 0.0 37.7 77.7#

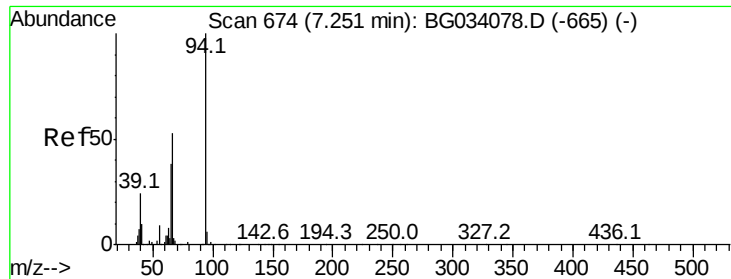


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#10

Phenol

Concen: 0.012 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

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BNA_G

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PB108327BL

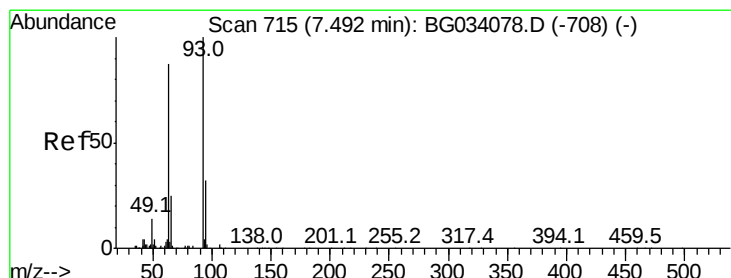
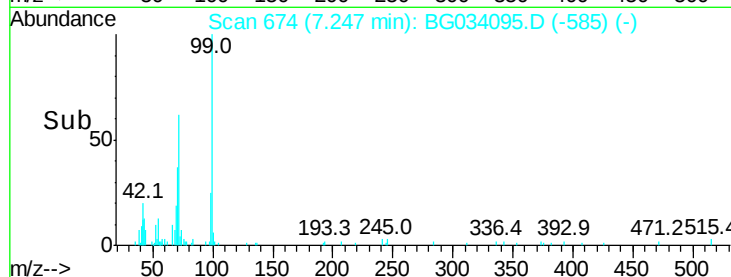
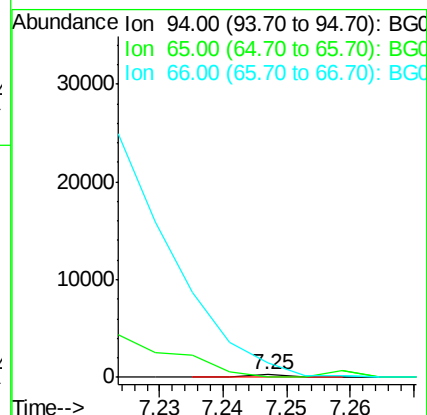
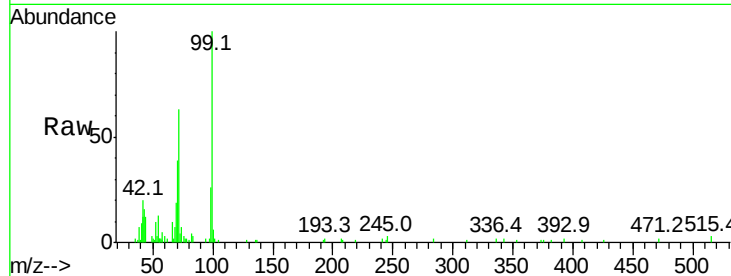
Tot Ion: 94 Resp: 89

Ion Ratio Lower Upper

94 100

65 0.0 11.9 51.9#

66 573.5 22.2 62.2#



#11

bis(2-Chloroethyl)ether

Concen: 0.010 ng

RT: 7.48 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

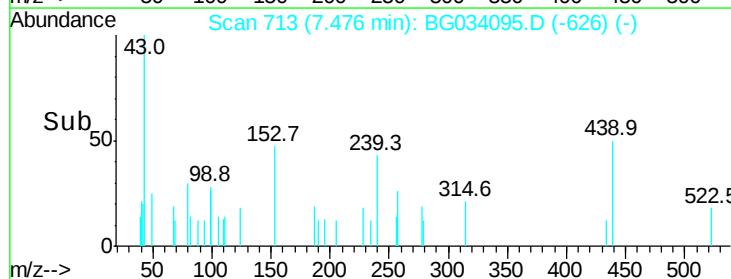
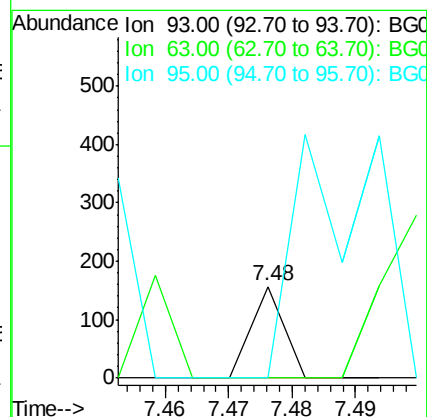
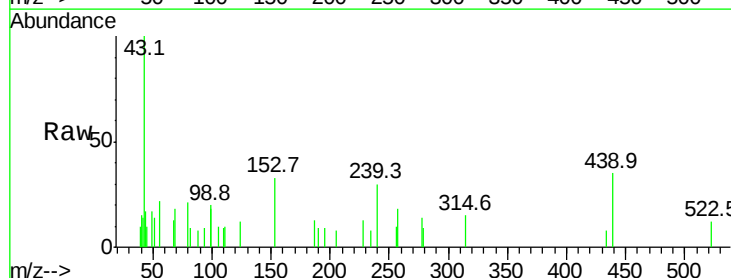
Tgt Ion: 93 Resp: 55

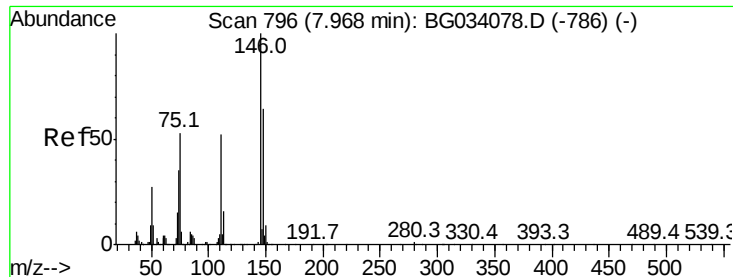
Ion Ratio Lower Upper

93 100

63 0.0 67.1 107.1#

95 0.0 11.5 51.5#





#12

1,3-Dichlorobenzene

Concen: 0.017 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

PB108327BL

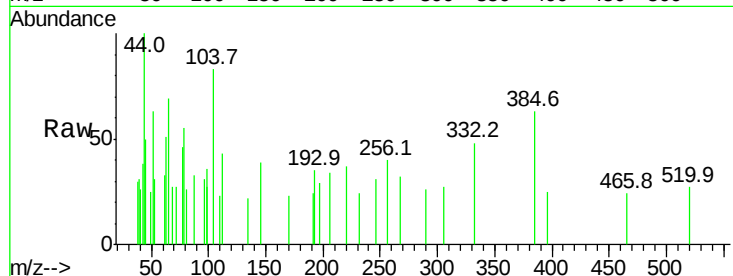
Tot Ion:146 Resp: 96

Ion Ratio Lower Upper

146 100

148 0.0 51.4 77.2#

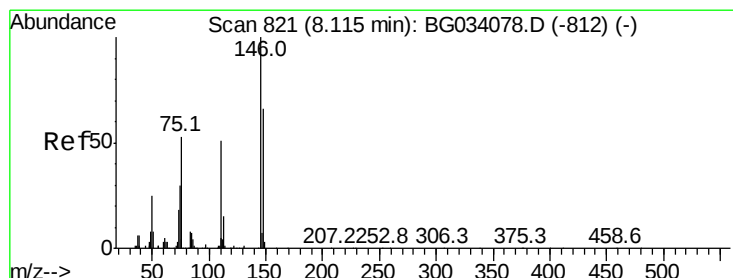
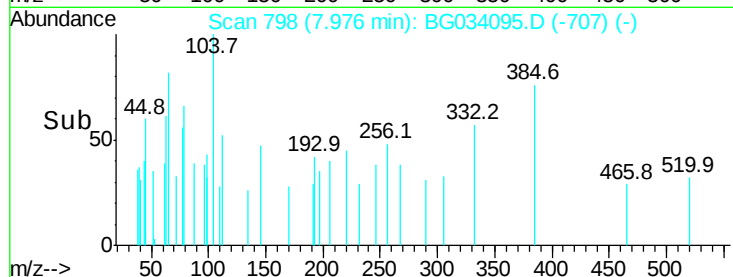
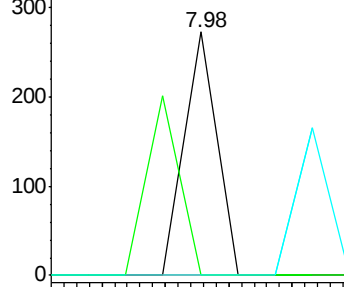
75 0.0 26.6 39.8#



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: 0.012 ng

RT: 8.13 min Scan# 824

Delta R.T. 0.01 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

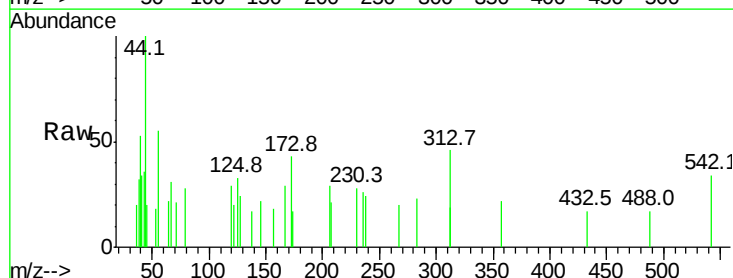
Tgt Ion:146 Resp: 68

Ion Ratio Lower Upper

146 100

148 0.0 53.7 80.5#

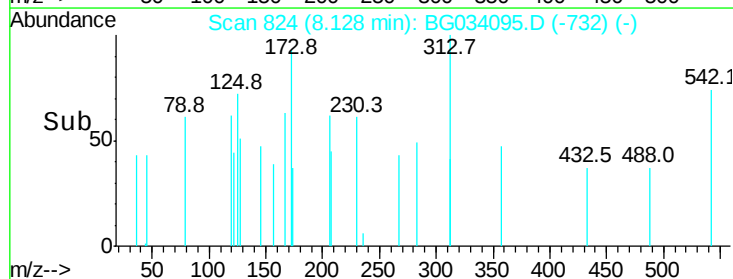
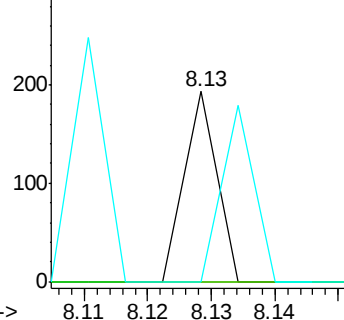
111 0.0 35.2 52.8#

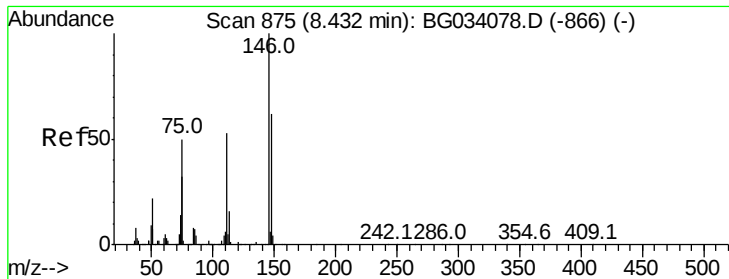


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.015 ng

RT: 8.45 min Scan# 878

Delta R.T. 0.01 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

PB108327BL

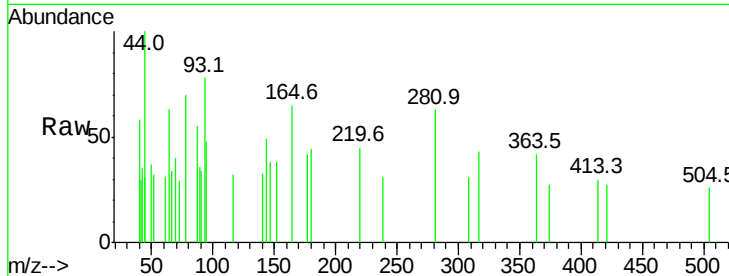
Tot Ion:146 Resp: 81

Ion Ratio Lower Upper

146 100

148 0.0 49.3 73.9#

111 0.0 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

500

400

300

200

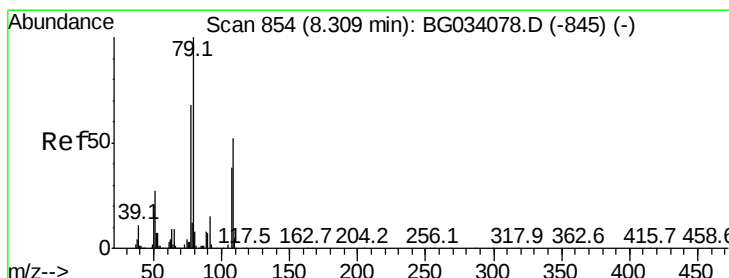
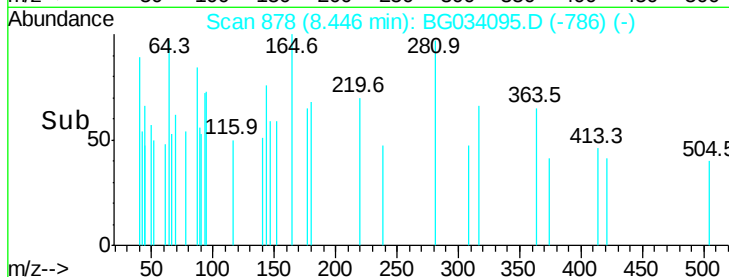
100

0

8.43 8.44 8.45 8.46

8.45

Time-->



#15

Benzyl Alcohol

Concen: 1.612 ng

RT: 8.40 min Scan# 870

Delta R.T. 0.09 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

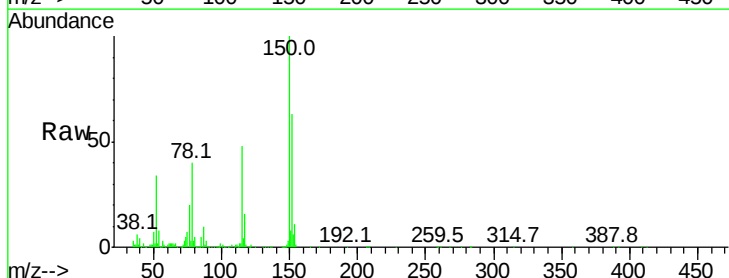
Tgt Ion: 79 Resp: 12244

Ion Ratio Lower Upper

79 100

108 52.3 57.2 85.8#

77 106.3 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

10000

8000

6000

4000

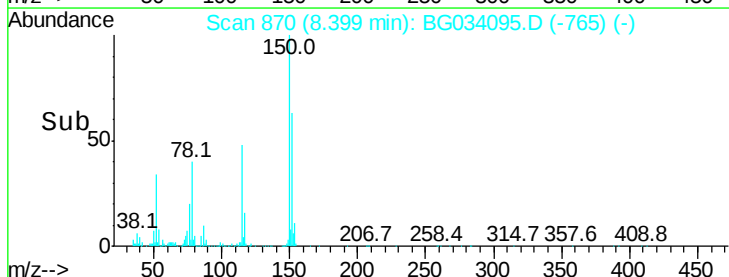
2000

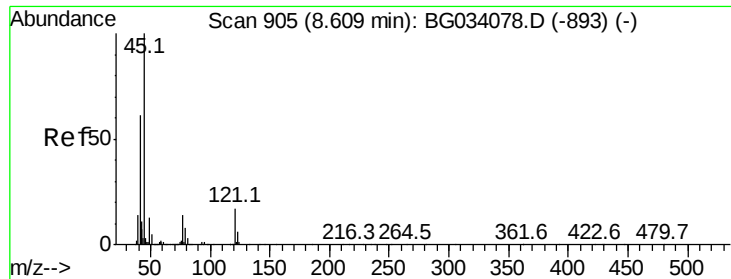
0

8.35 8.40 8.45

8.40

Time-->

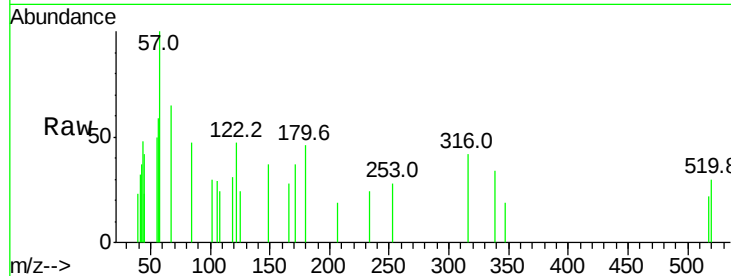




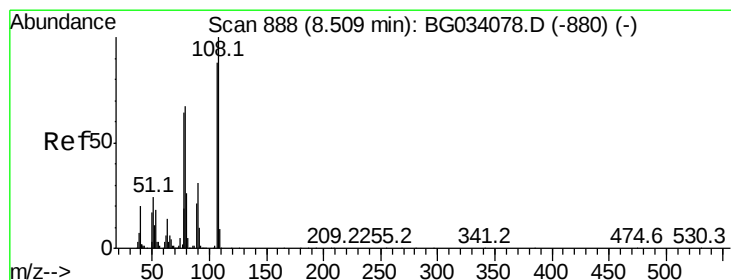
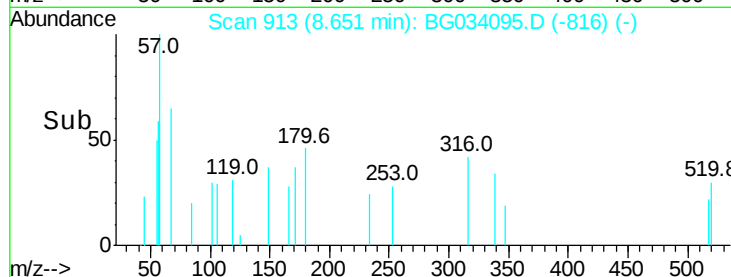
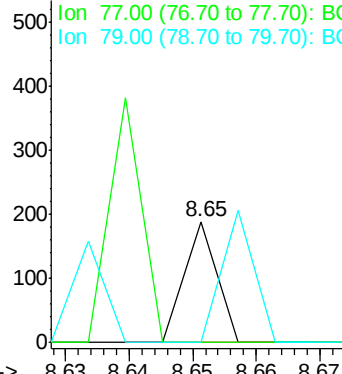
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.008 ng
RT: 8.65 min Scan# 913
Delta R.T. 0.04 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

Instrument :
BNA_G
ClientSampled :
PB108327BL

Tot Ion: 45 Resp: 66
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.2
79 0.0 0.0 27.9



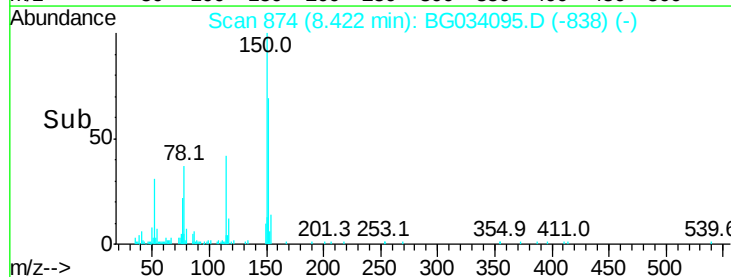
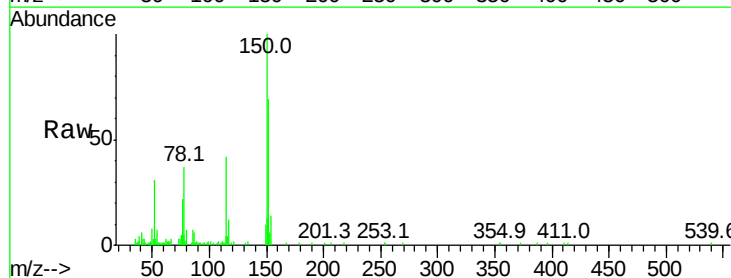
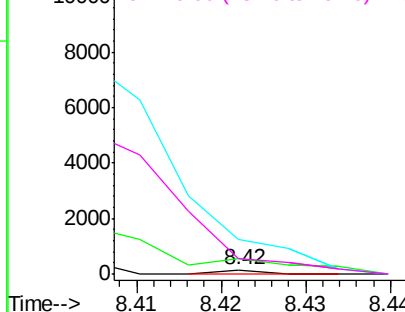
Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

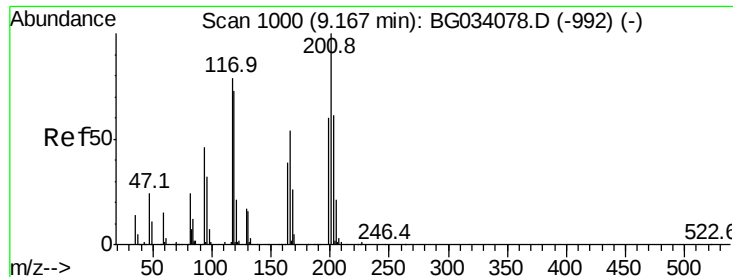


#17
2-Methylphenol
Concen: 0.011 ng
RT: 8.42 min Scan# 874
Delta R.T. -0.09 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

Tgt Ion: 107 Resp: 53
Ion Ratio Lower Upper
107 100
108 356.7 83.9 125.9#
77 846.0 37.2 55.8#
79 366.0 36.2 54.2#

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





#18

Hexachloroethane

Concen: 0.040 ng

RT: 9.16 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

PB108327BL

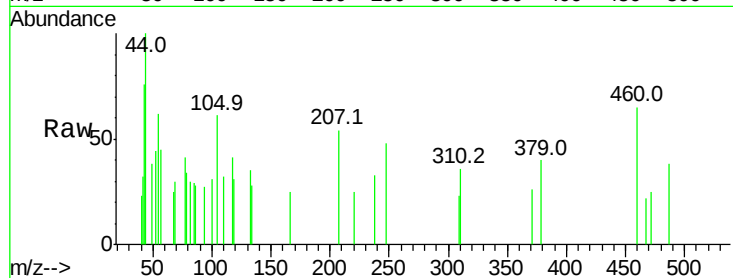
Tot Ion:117 Resp: 97

Ion Ratio Lower Upper

117 100

119 76.0 76.7 115.1#

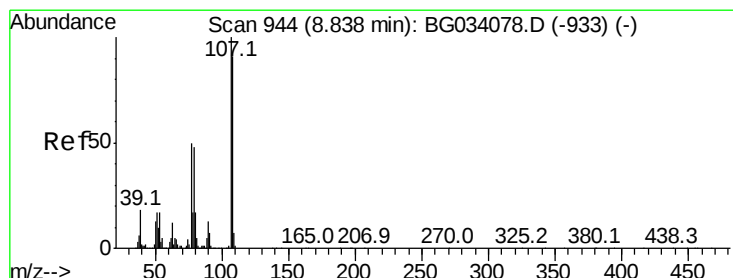
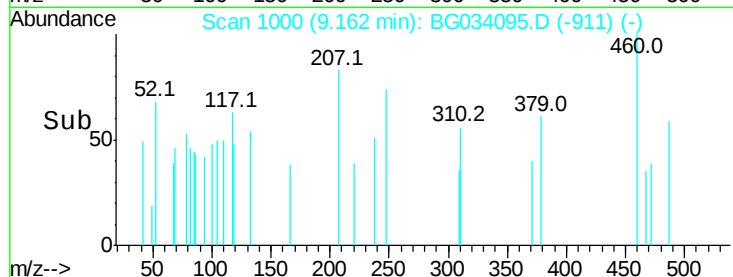
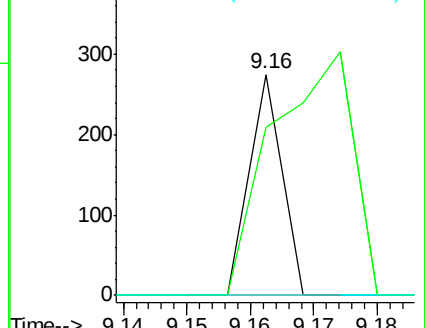
201 0.0 95.7 143.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#20

3+4-Methylphenols

Concen: 0.010 ng

RT: 8.92 min Scan# 959

Delta R.T. 0.08 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Tgt Ion:107 Resp: 70

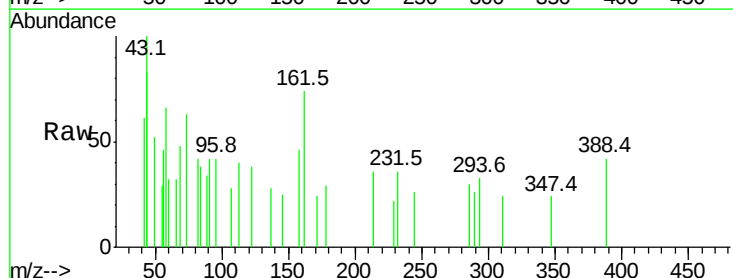
Ion Ratio Lower Upper

107 100

108 0.0 61.6 101.6#

77 0.0 13.9 53.9#

79 0.0 8.8 48.8#

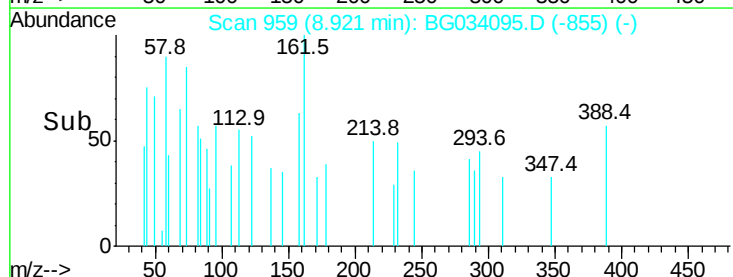
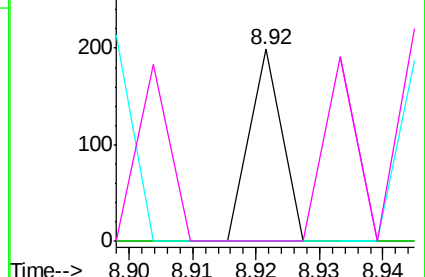


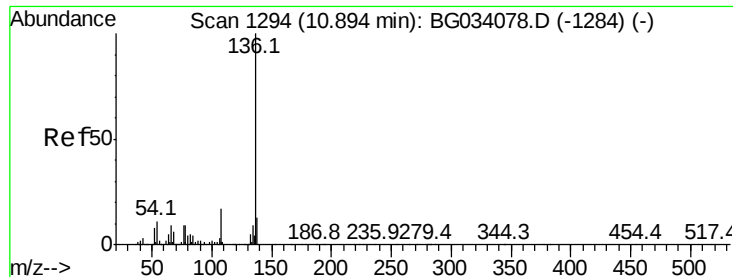
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

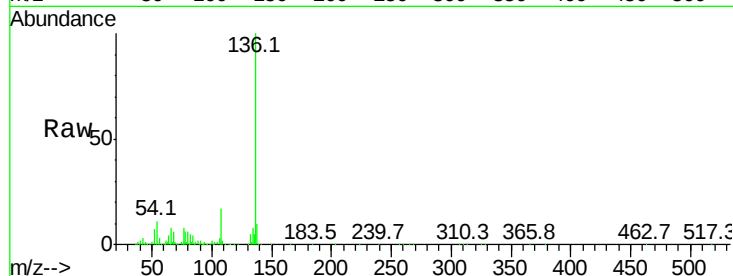




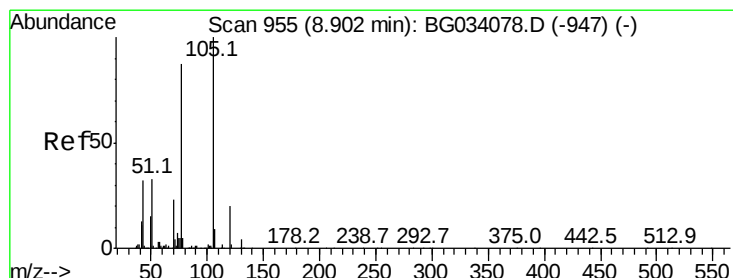
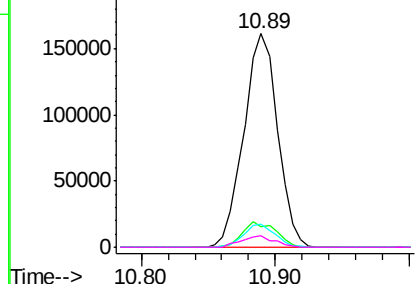
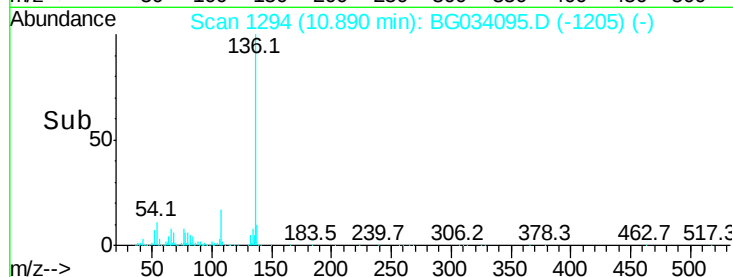
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

Instrument :
BNA_G
ClientSampleId :
PB108327BL

Tot Ion:	136	Resp:	281921
Ion Ratio	Lower	Upper	
136	100		
137	9.5	9.2	13.8
54	10.6	10.3	15.5
68	5.6	4.5	6.7

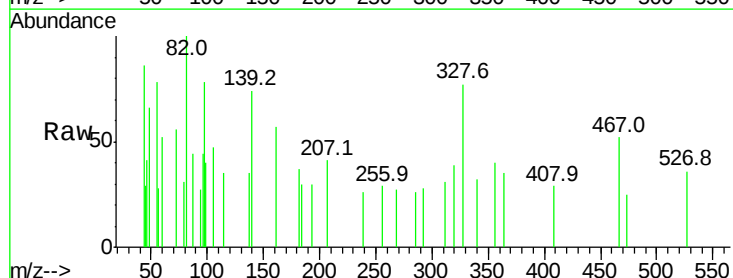


Abundance Ion 136.00 (135.70 to 136.70): E
250000
Ion 137.00 (136.70 to 137.70): E
200000
Ion 54.00 (53.70 to 54.70): BGC
150000
Ion 68.00 (67.70 to 68.70): BGC
100000
50000
0

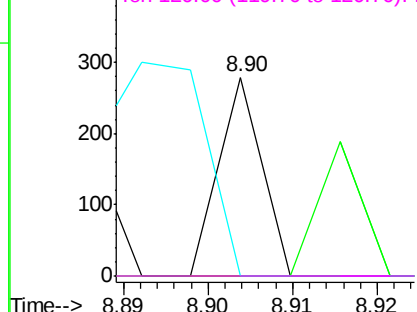
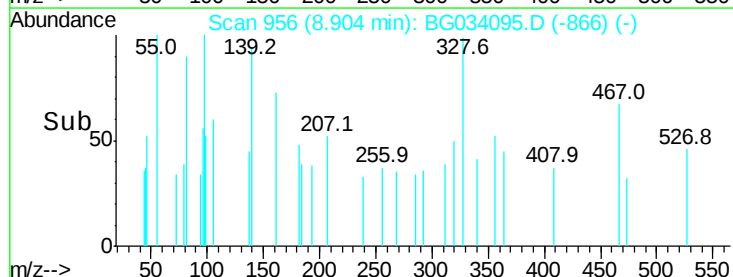


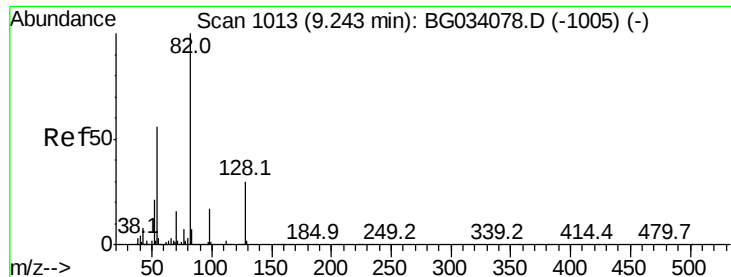
#22
Acetophenone
Concen: 0.010 ng
RT: 8.90 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

Tgt Ion:	105	Resp:	98
Ion Ratio	Lower	Upper	
105	100		
71	0.0	3.0	4.4#
51	0.0	26.1	39.1#
120	0.0	17.4	26.2#



Abundance Ion 105.00 (104.70 to 105.70): E
400
Ion 71.00 (70.70 to 71.70): BGC
300
Ion 51.00 (50.70 to 51.70): BGC
200
Ion 120.00 (119.70 to 120.70): E
100
0

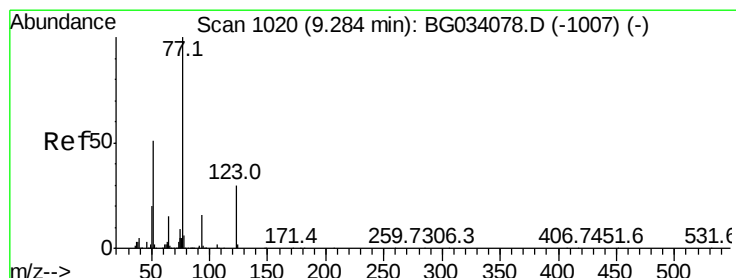
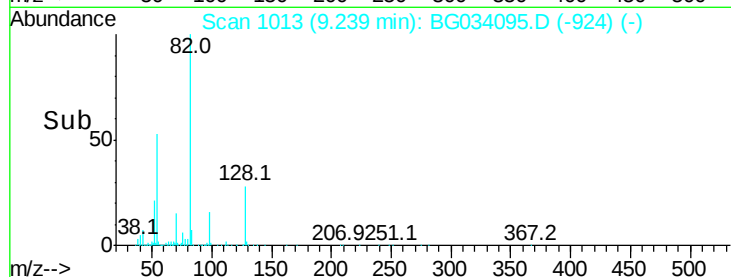
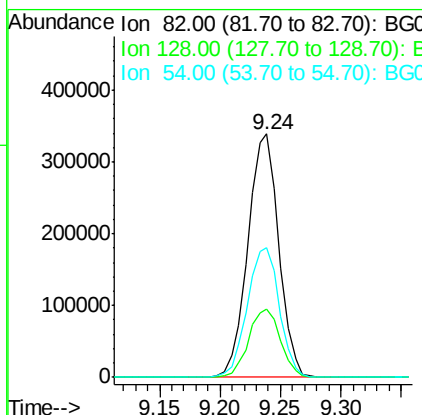
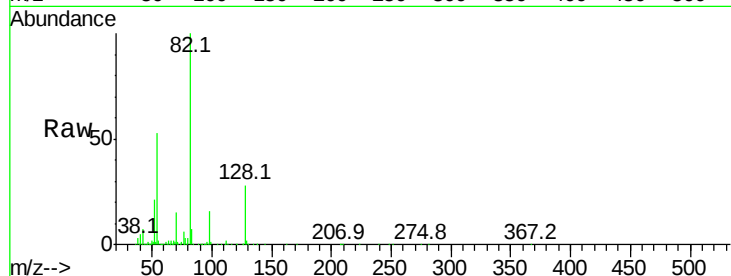




#23
 Nitrobenzene-d5
 Concen: 82.070 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BG034095.D
 Acq: 2 May 2018 1:35

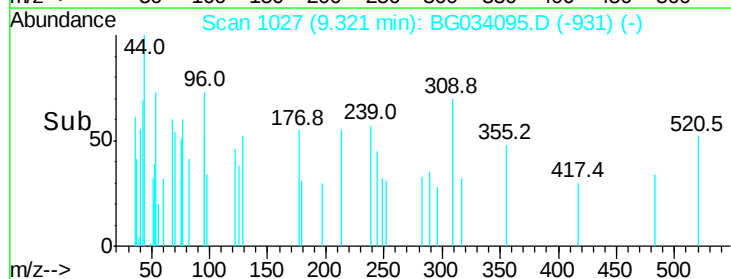
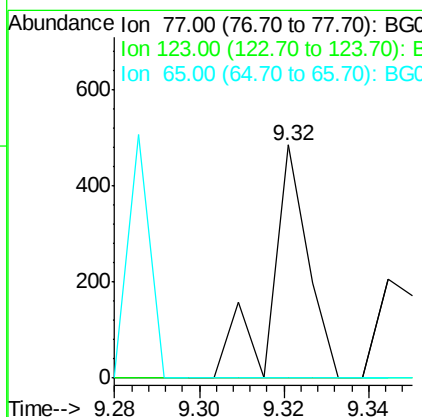
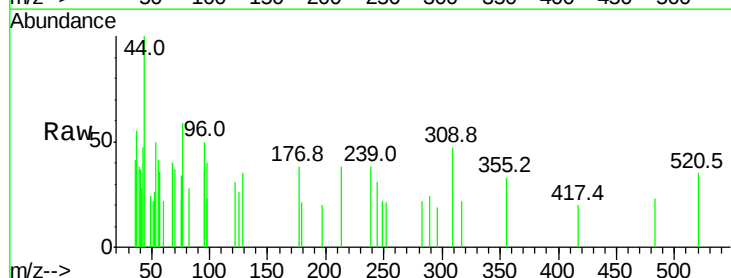
Instrument :
 BNA_G
 ClientSampleId :
 PB108327BL

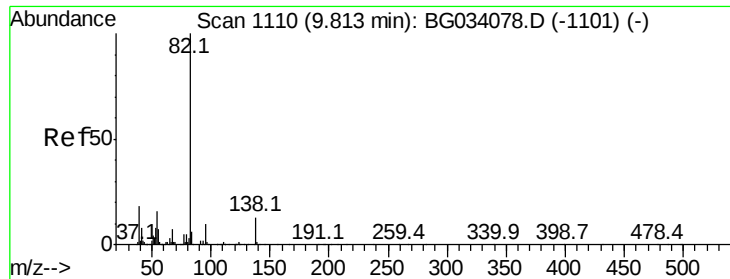
Tot Ion: 82 Resp: 603038
 Ion Ratio Lower Upper
 82 100
 128 28.1 29.7 44.5#
 54 53.3 43.1 64.7



#24
 Nitrobenzene
 Concen: 0.037 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. 0.04 min
 Lab File: BG034095.D
 Acq: 2 May 2018 1:35

Tgt Ion: 77 Resp: 296
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 0.0 13.0 19.6#





#25

Isophorone

Concen: 0.010 ng

RT: 9.82 min Scan# 1112

Delta R.T. 0.01 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

PB108327BL

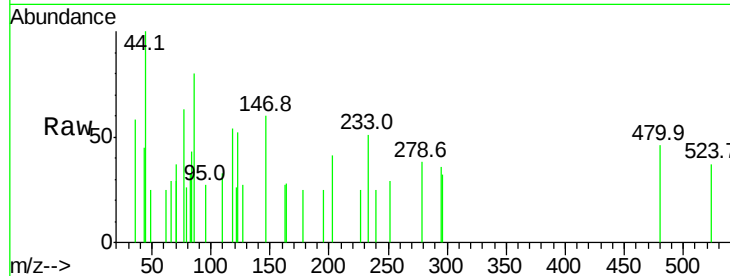
Tot Ion: 82 Resp: 143

Ion Ratio Lower Upper

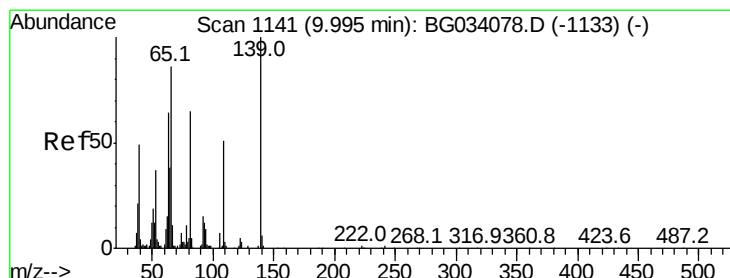
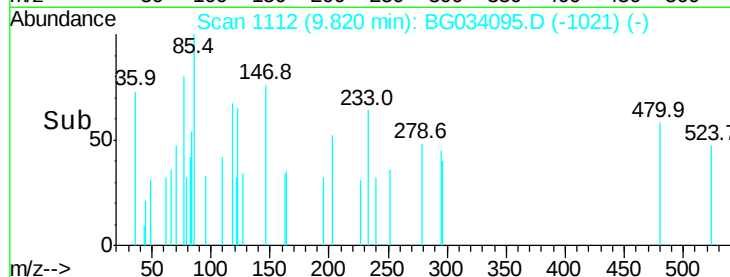
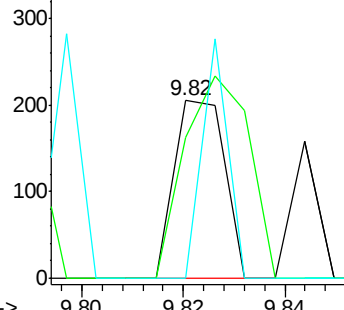
82 100

95 79.5 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



#26

2-Nitrophenol

Concen: 0.052 ng

RT: 9.93 min Scan# 1131

Delta R.T. -0.06 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

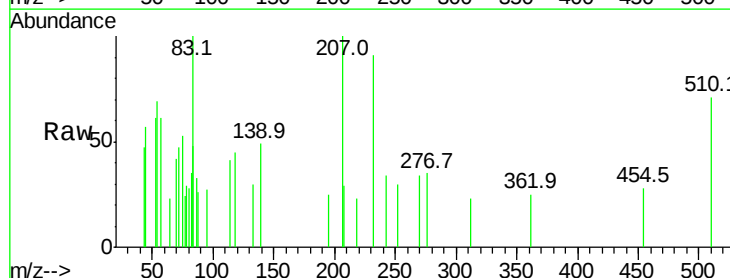
Tgt Ion: 139 Resp: 115

Ion Ratio Lower Upper

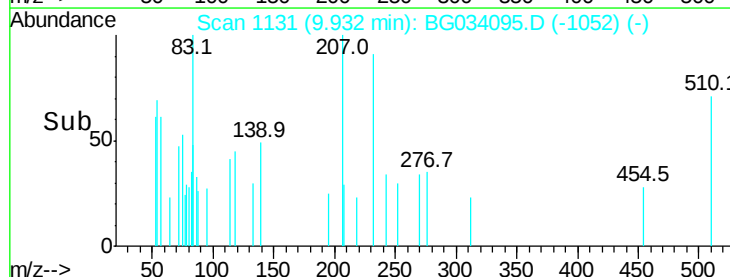
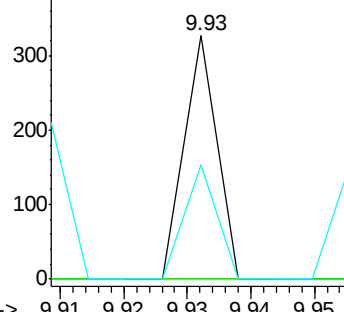
139 100

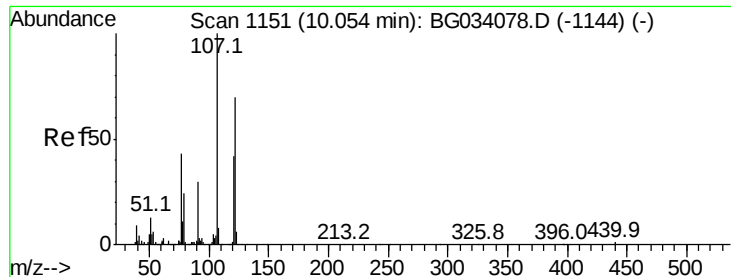
109 0.0 24.2 36.2#

65 46.8 47.4 71.0#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

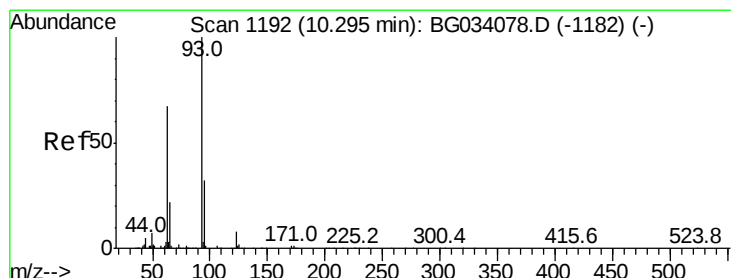
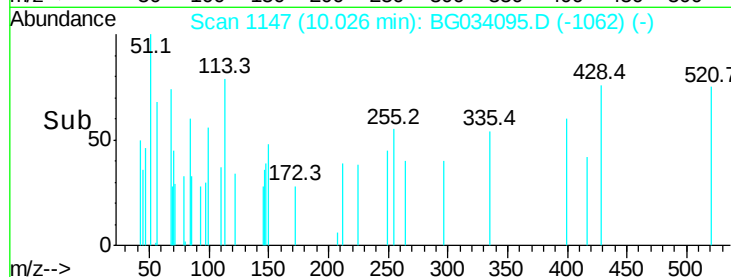
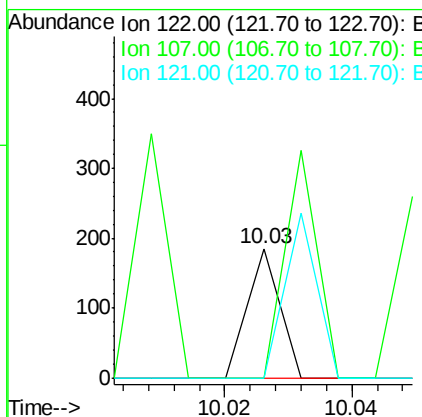
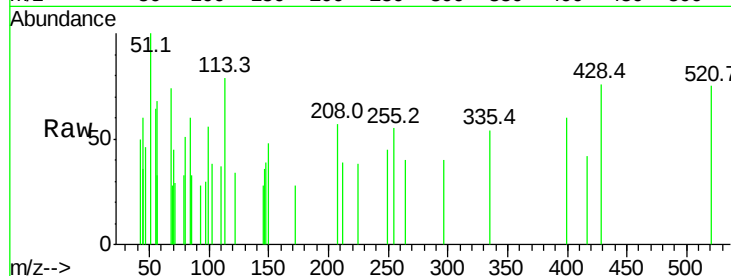




#27
2,4-Dimethylphenol
Concen: 0.015 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.03 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

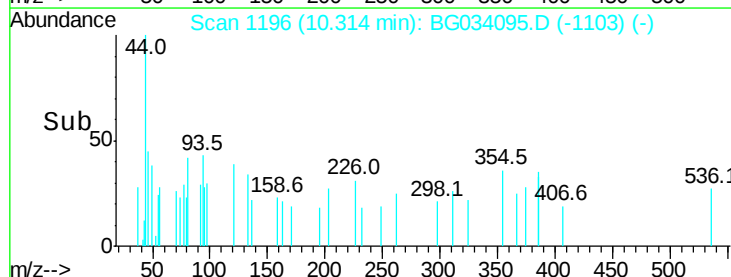
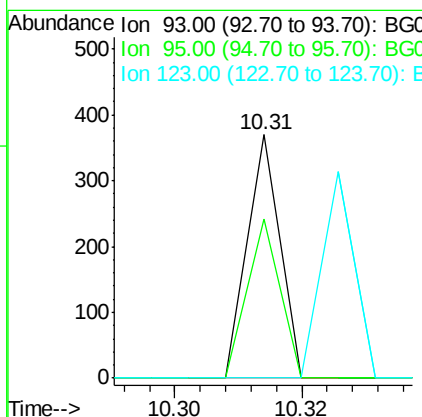
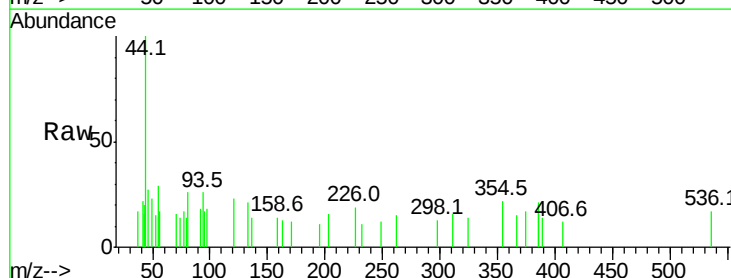
Instrument :
BNA_G
ClientSampleId :
PB108327BL

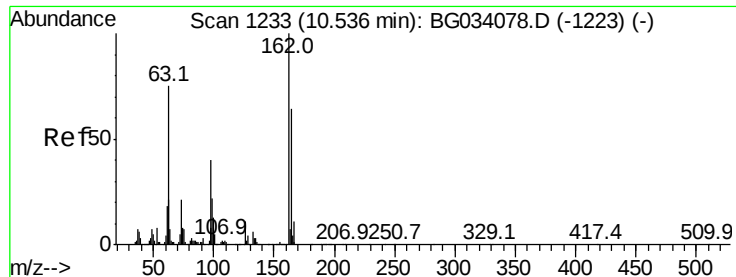
Tot Ion: 122 Resp: 65
Ion Ratio Lower Upper
122 100
107 0.0 100.2 150.2#
121 0.0 44.4 66.6#



#28
bis(2-Chloroethoxy)methane
Concen: 0.018 ng
RT: 10.31 min Scan# 1196
Delta R.T. 0.02 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

Tgt Ion: 93 Resp: 131
Ion Ratio Lower Upper
93 100
95 65.4 24.3 36.5#
123 0.0 8.4 12.6#





#29

2,4-Dichlorophenol

Concen: 0.012 ng

RT: 10.54 min Scan# 1235

Delta R.T. 0.01 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

PB108327BL

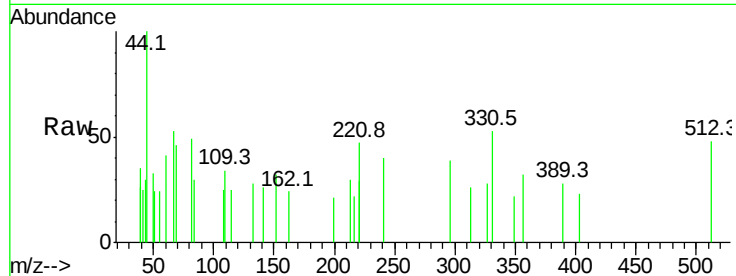
Tot Ion:162 Resp: 60

Ion Ratio Lower Upper

162 100

164 0.0 48.0 88.0#

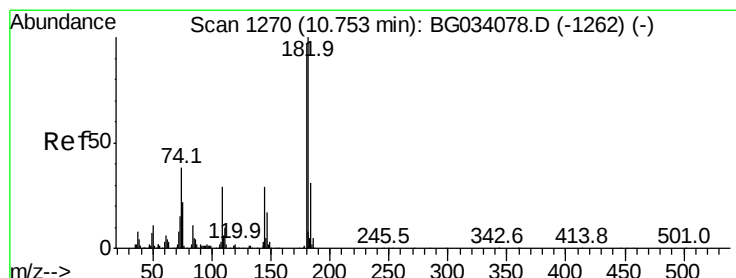
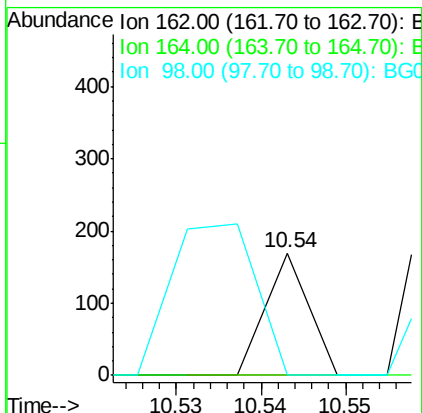
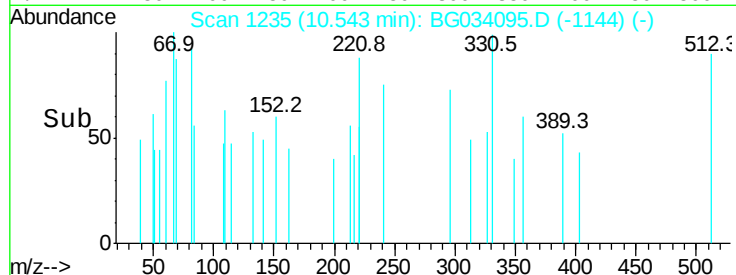
98 0.0 21.1 61.1#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 0.019 ng

RT: 10.78 min Scan# 1276

Delta R.T. 0.03 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

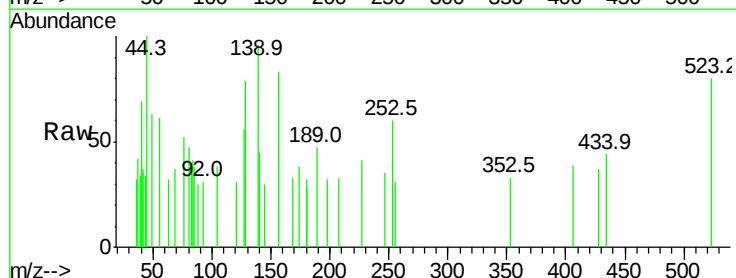
Tgt Ion:180 Resp: 115

Ion Ratio Lower Upper

180 100

182 0.0 77.5 116.3#

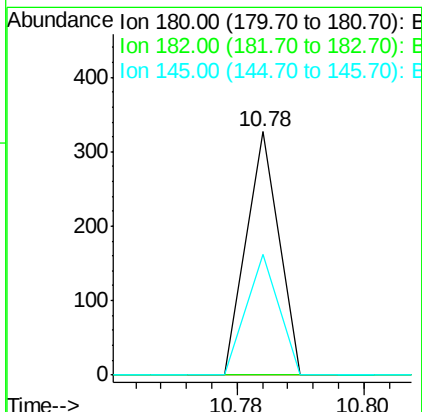
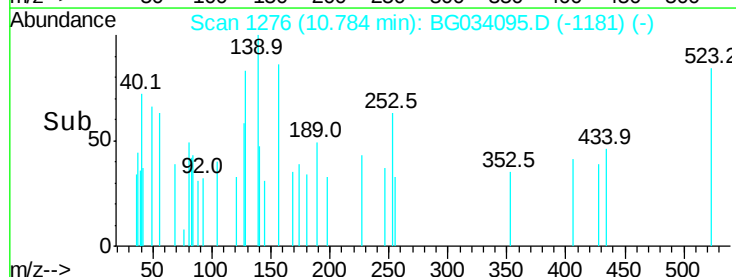
145 49.5 23.4 35.2#

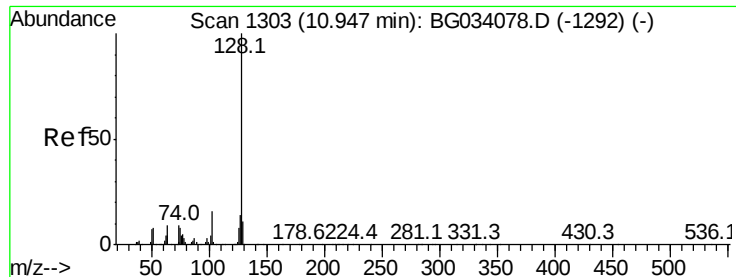


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 0.013 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.04 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

PB108327BL

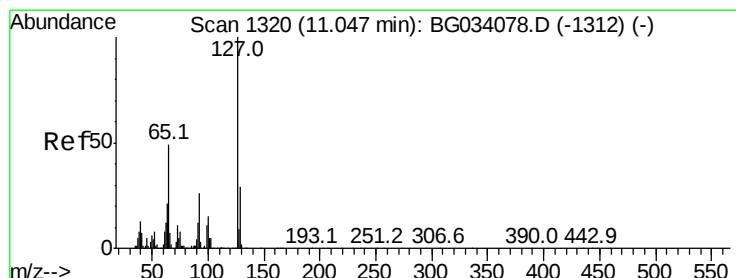
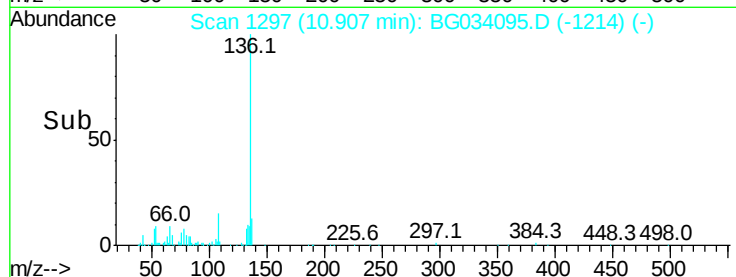
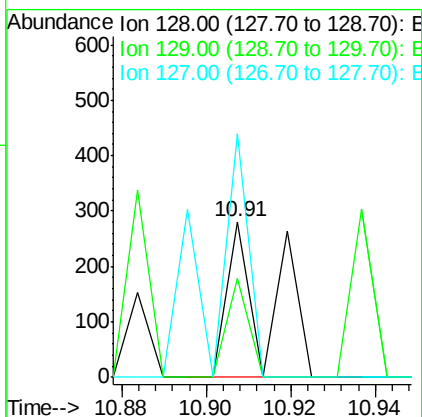
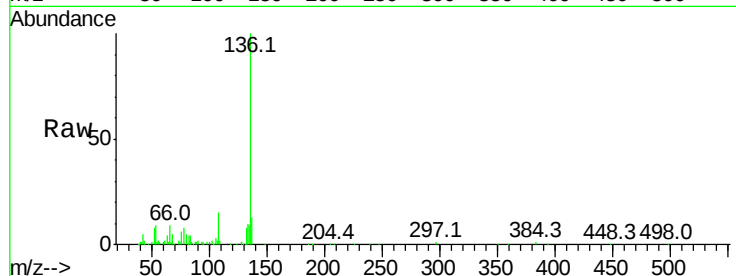
Tot Ion:128 Resp: 192

Ion Ratio Lower Upper

128 100

129 63.3 8.6 12.8#

127 156.2 11.6 17.4#



#33

4-Chloroaniline

Concen: 0.008 ng

RT: 11.09 min Scan# 1328

Delta R.T. 0.04 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Tgt Ion:127 Resp: 54

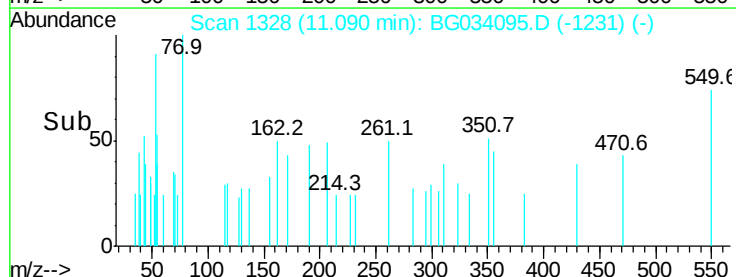
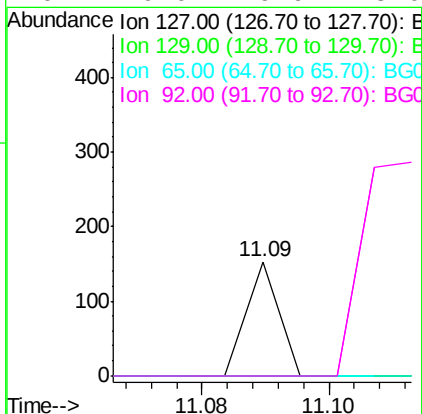
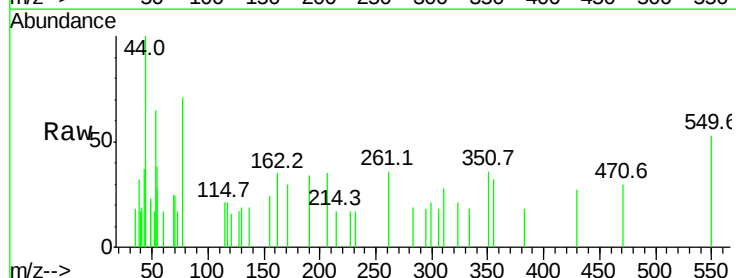
Ion Ratio Lower Upper

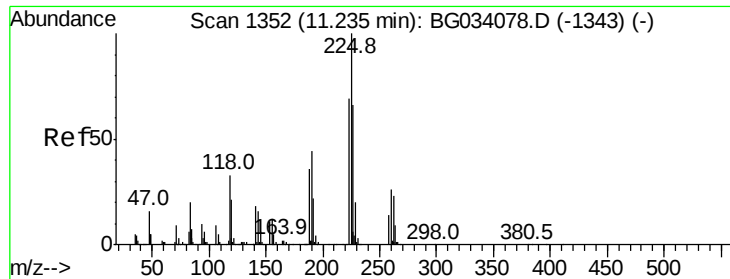
127 100

129 0.0 24.0 36.0#

65 0.0 27.0 40.4#

92 0.0 16.6 25.0#





#34

Hexachlorobutadiene

Concen: 0.012 ng

RT: 11.22 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

PB108327BL

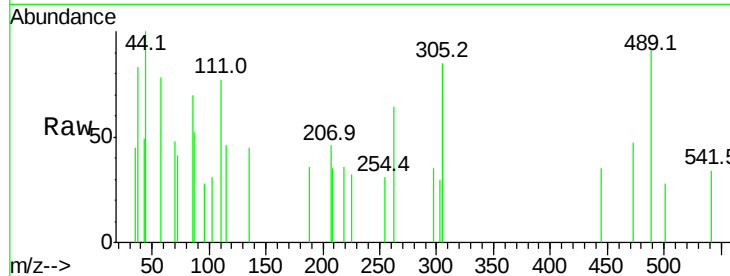
Tot Ion:225 Resp: 61

Ion Ratio Lower Upper

225 100

223 0.0 49.7 74.5#

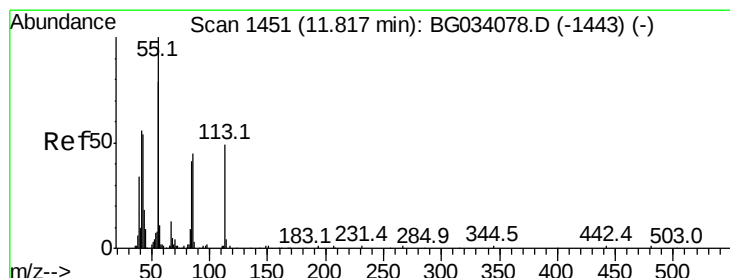
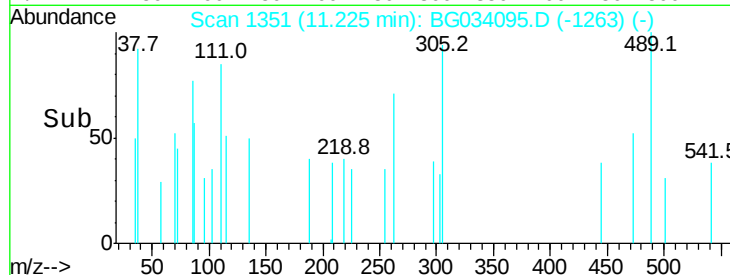
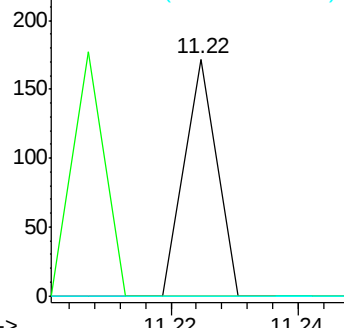
227 0.0 48.1 72.1#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 0.033 ng

RT: 11.81 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

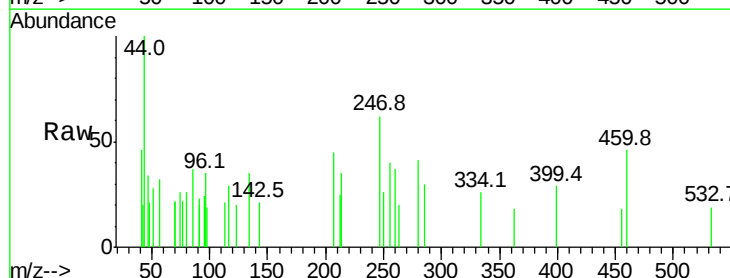
Tgt Ion:113 Resp: 60

Ion Ratio Lower Upper

113 100

55 0.0 186.9 226.9#

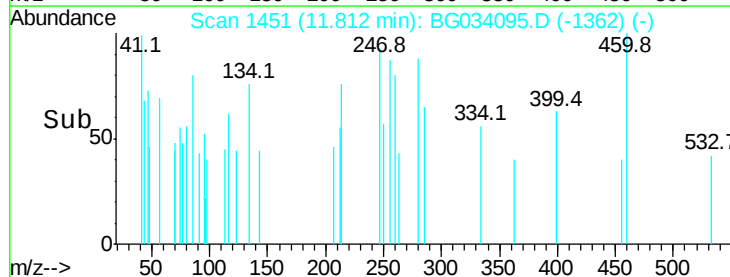
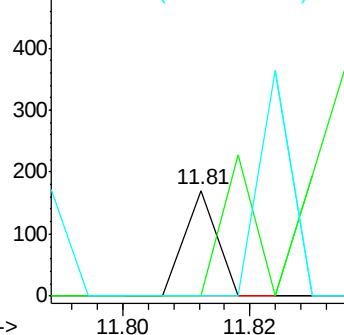
56 0.0 130.9 170.9#

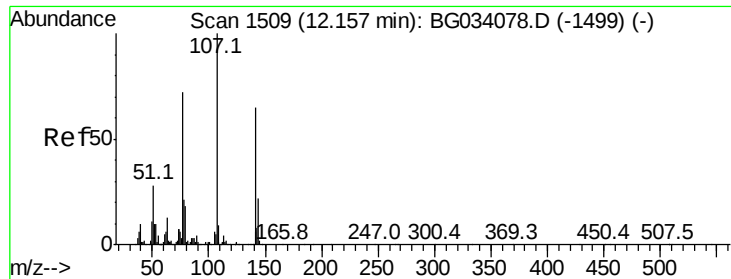


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

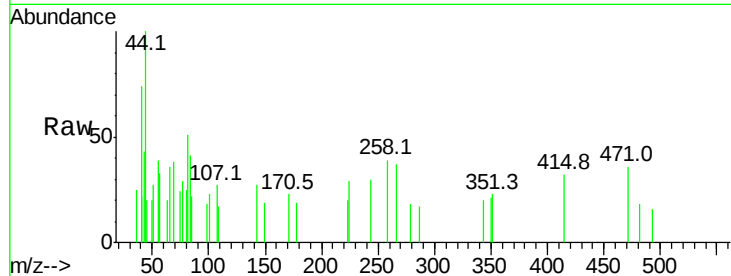




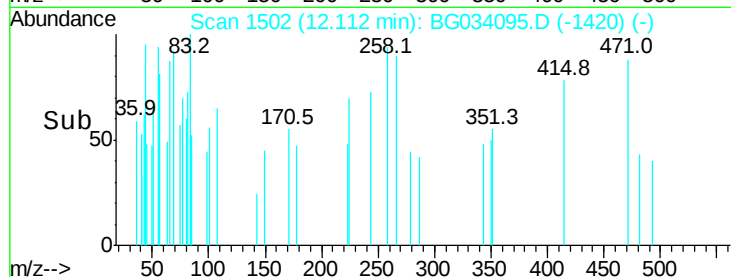
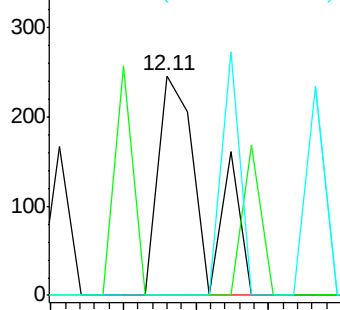
#36
 4-Chloro-3-methylphenol
 Concen: 0.032 ng
 RT: 12.11 min Scan# 1502
 Delta R.T. -0.05 min
 Lab File: BG034095.D
 Acq: 2 May 2018 1:35

Instrument :
 BNA_G
 ClientSampleId :
 PB108327BL

Tot Ion:107 Resp: 216
 Ion Ratio Lower Upper
 107 100
 144 0.0 18.2 27.4#
 142 0.0 59.0 88.4#

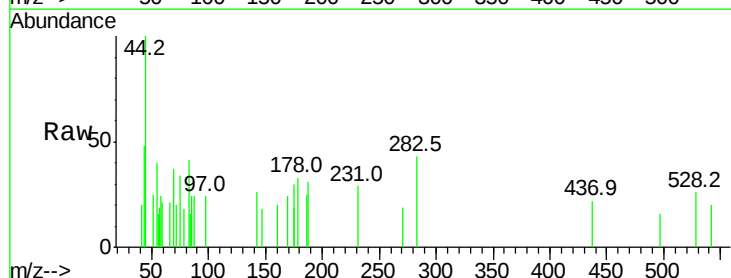
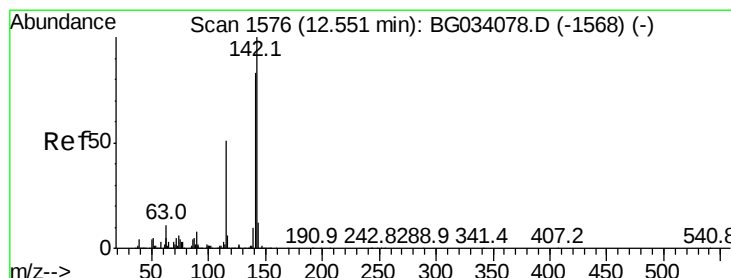


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

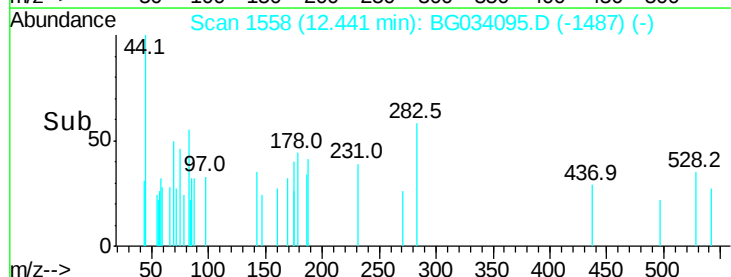
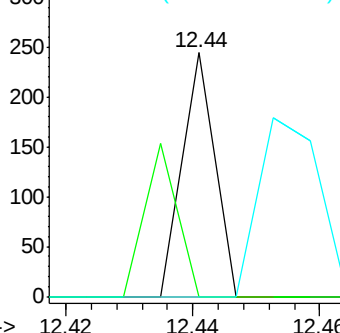


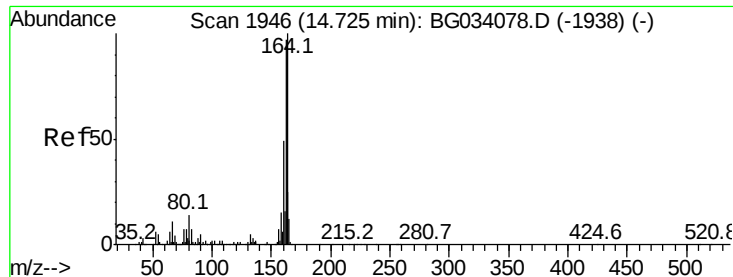
#37
 2-Methylnaphthalene
 Concen: 0.007 ng
 RT: 12.44 min Scan# 1558
 Delta R.T. -0.11 min
 Lab File: BG034095.D
 Acq: 2 May 2018 1:35

Tgt Ion:142 Resp: 86
 Ion Ratio Lower Upper
 142 100
 141 0.0 67.1 100.7#
 115 0.0 30.7 46.1#



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

PB108327BL

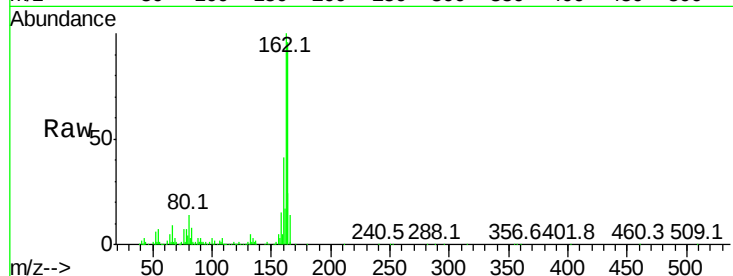
Tot Ion:164 Resp: 220119

Ion Ratio Lower Upper

164 100

162 104.1 78.8 118.2

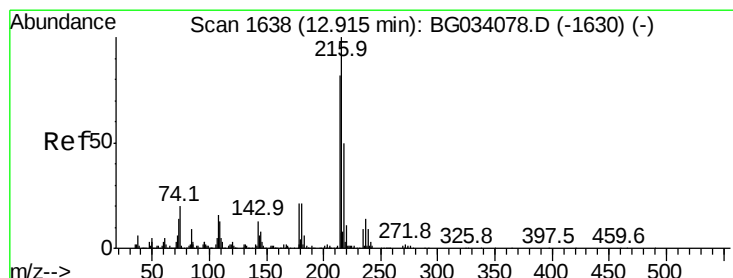
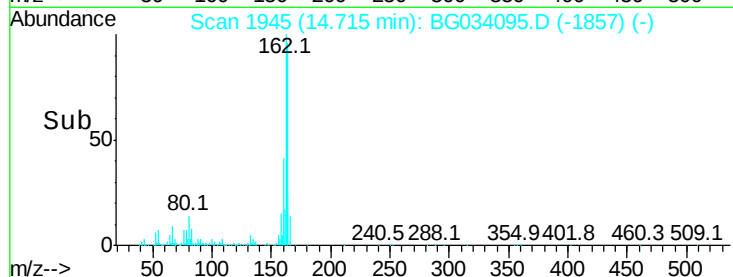
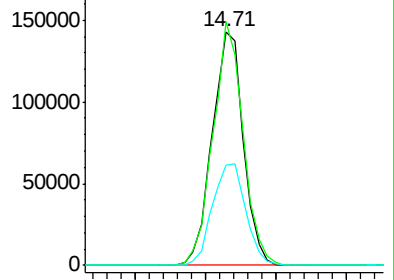
160 42.9 35.4 53.0



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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.009 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.03 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Tgt Ion:216 Resp: 79

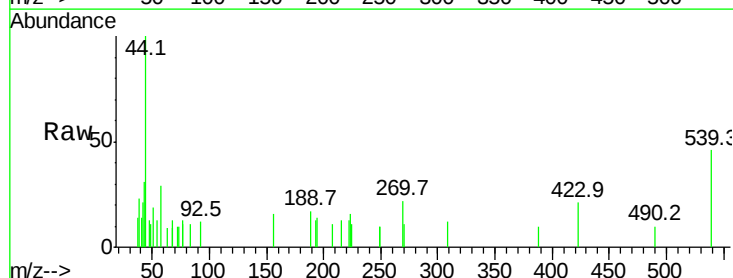
Ion Ratio Lower Upper

216 100

214 75.9 63.0 94.4

179 0.0 17.0 25.6#

108 0.0 12.8 19.2#

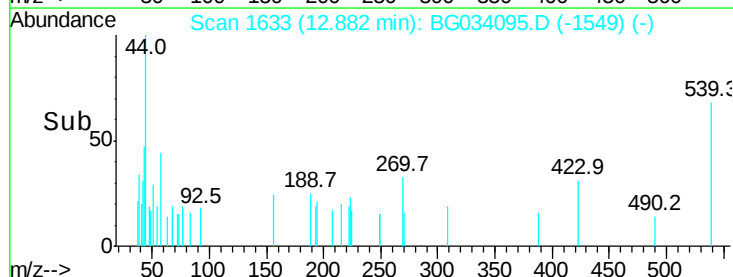
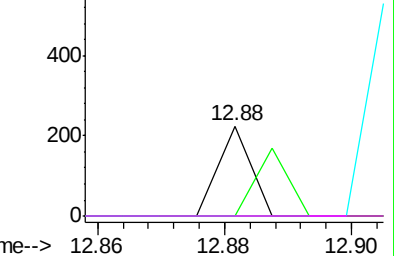


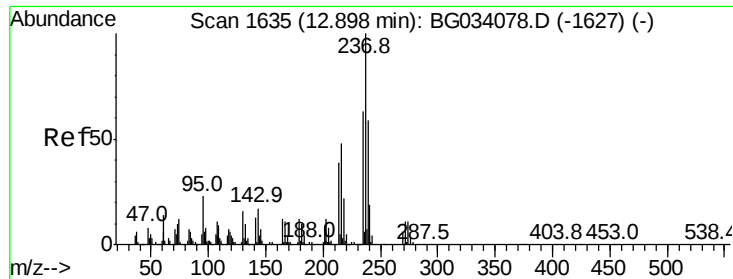
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

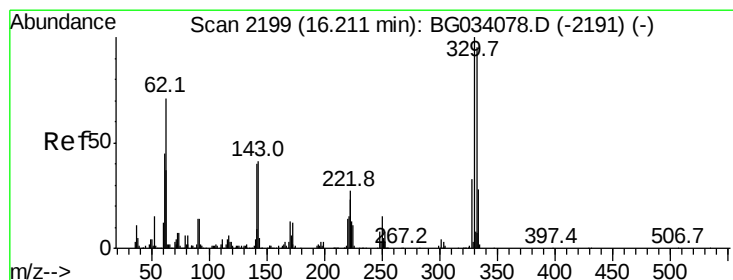
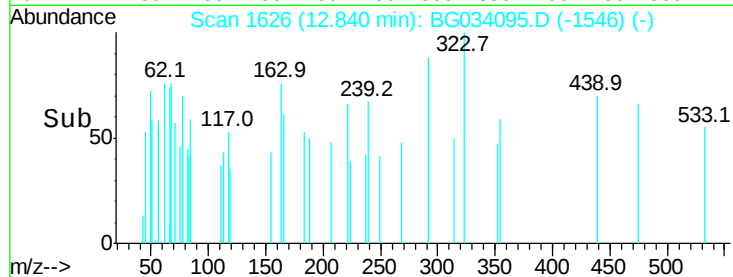
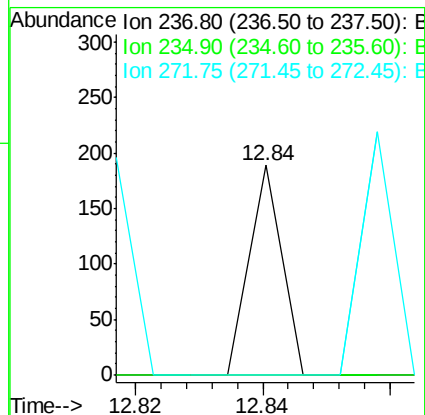
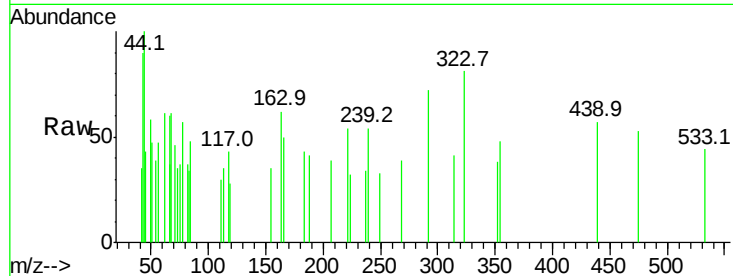




#40
Hexachlorocyclopentadiene
Concen: 0.013 ng
RT: 12.84 min Scan# 1626
Delta R.T. -0.06 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

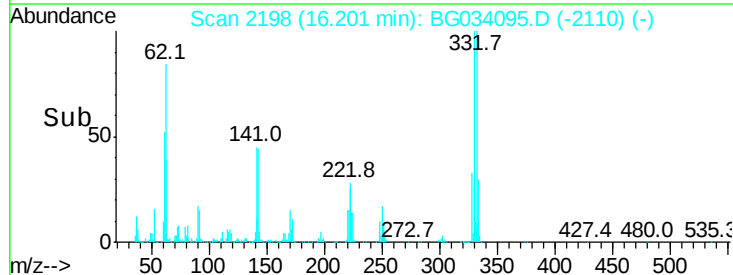
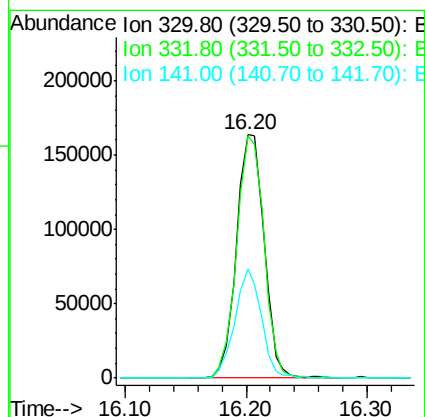
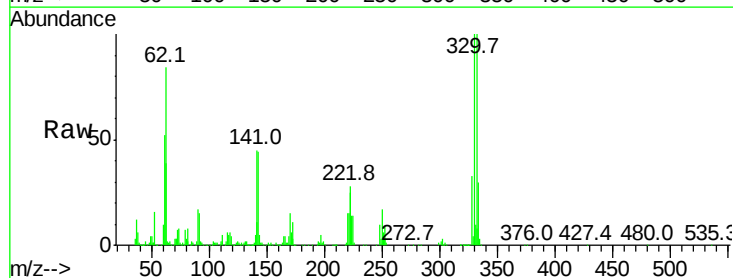
Instrument :
BNA_G
ClientSampled :
PB108327BL

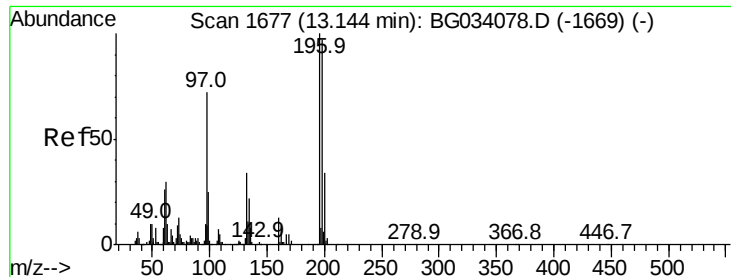
Tot Ion:237 Resp: 67
Ion Ratio Lower Upper
237 100
235 0.0 50.4 90.4#
272 0.0 0.0 31.8



#41
2,4,6-Tribromophenol
Concen: 86.092 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

Tgt Ion:330 Resp: 262408
Ion Ratio Lower Upper
330 100
332 98.3 77.0 115.6
141 43.0 25.2 37.8#





#42

2,4,6-Trichlorophenol

Concen: 0.021 ng

RT: 13.10 min Scan# 1671

Delta R.T. -0.04 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

PB108327BL

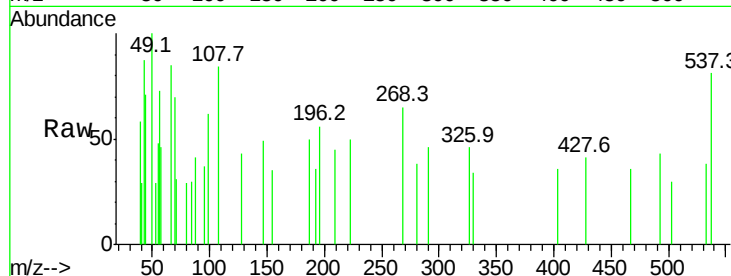
Tot Ion:196 Resp: 106

Ion Ratio Lower Upper

196 100

198 0.0 78.2 117.2#

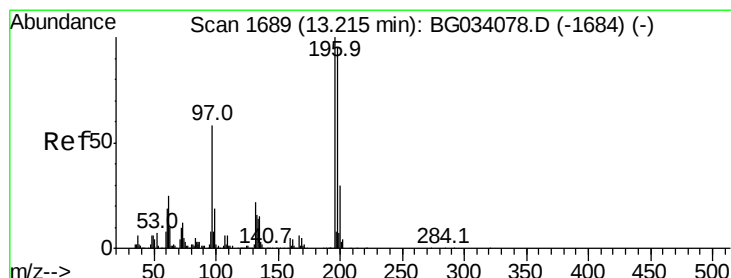
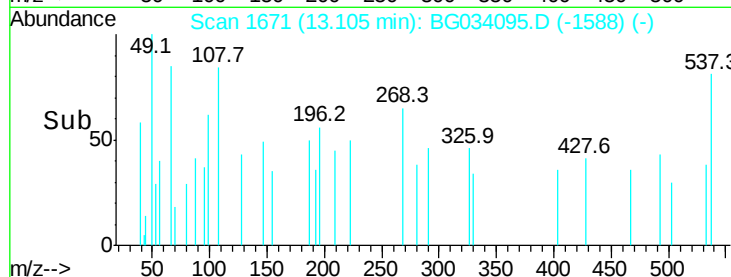
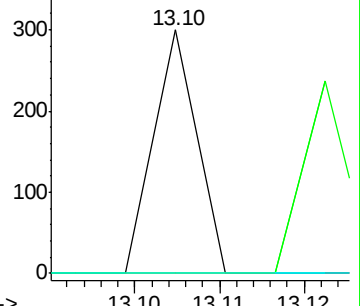
200 0.0 24.6 36.8#



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 0.010 ng

RT: 13.25 min Scan# 1696

Delta R.T. 0.04 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Tgt Ion:196 Resp: 56

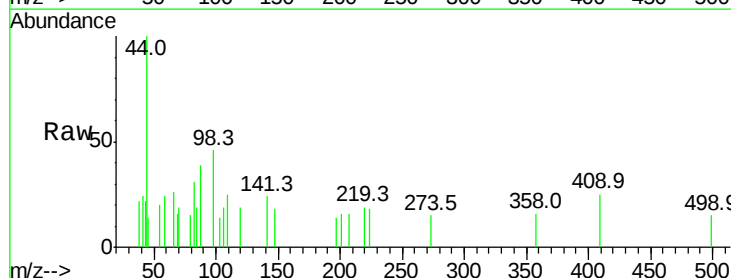
Ion Ratio Lower Upper

196 100

198 0.0 76.2 114.4#

97 0.0 38.7 58.1#

132 0.0 20.2 30.2#

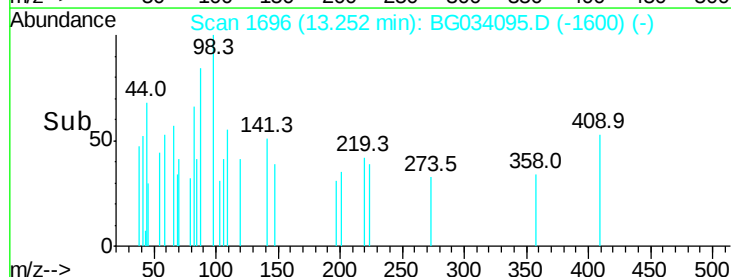
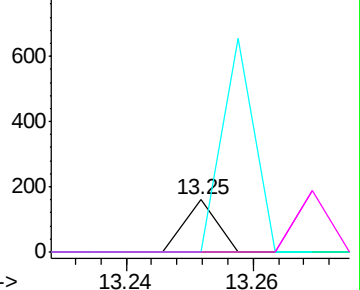


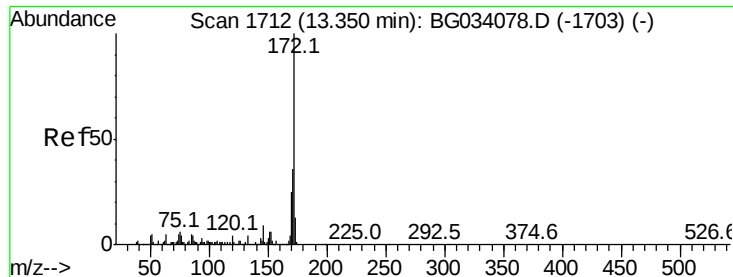
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 85.015 ng

RT: 13.34 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

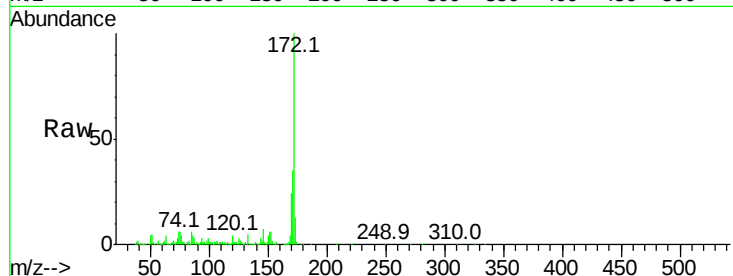
BNA_G

ClientSampleId :

PB108327BL

Tot Ion:172 Resp: 1284237

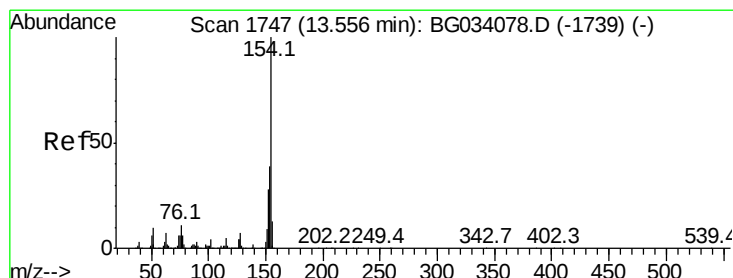
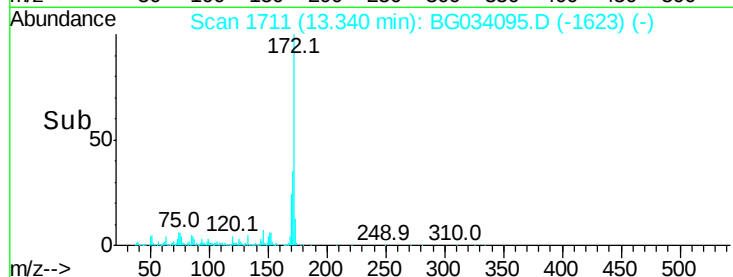
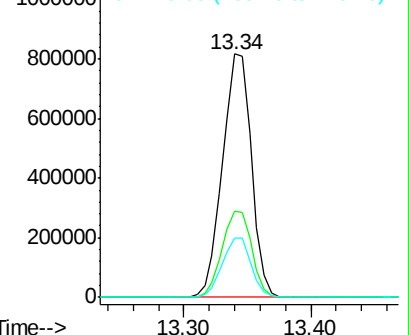
Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.0	45.0
170	24.2	19.5	29.3



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: 0.179 ng

RT: 13.55 min Scan# 1747

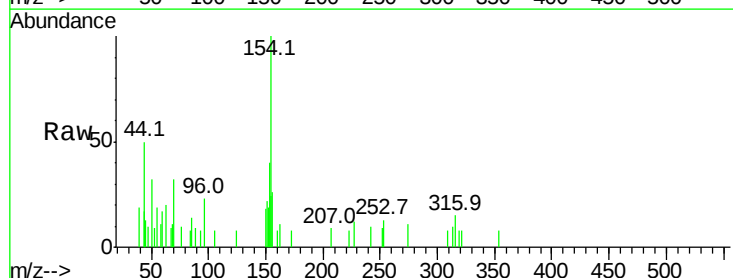
Delta R.T. -0.00 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Tgt Ion:154 Resp: 3084

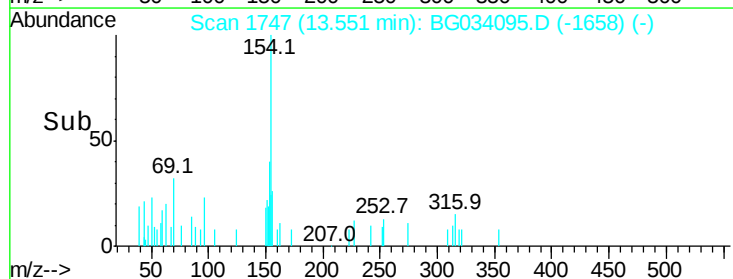
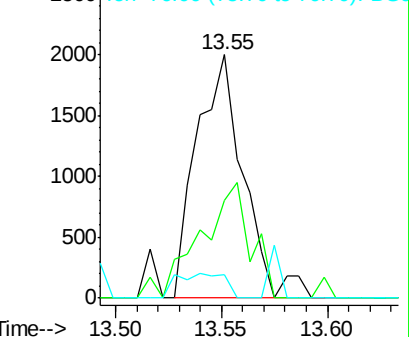
Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.8	59.8
76	9.6	0.0	31.9

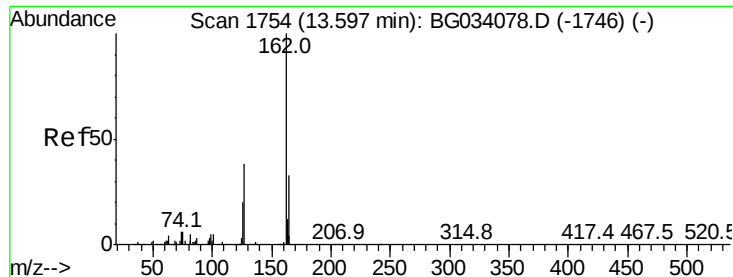


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

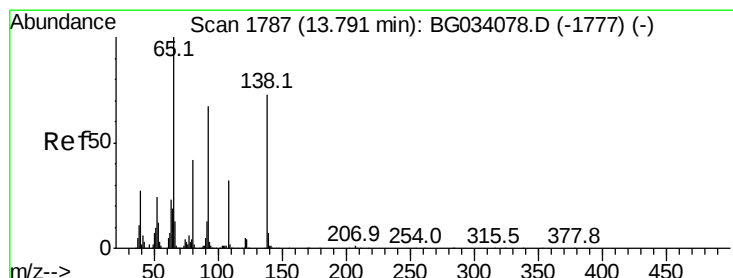
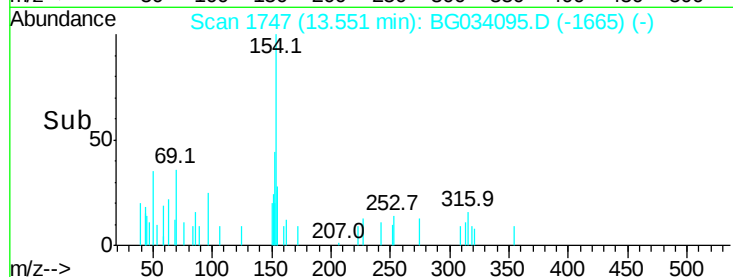
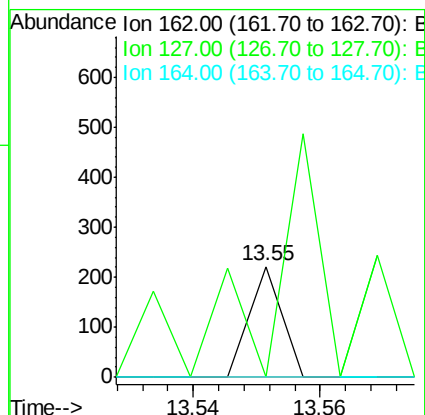
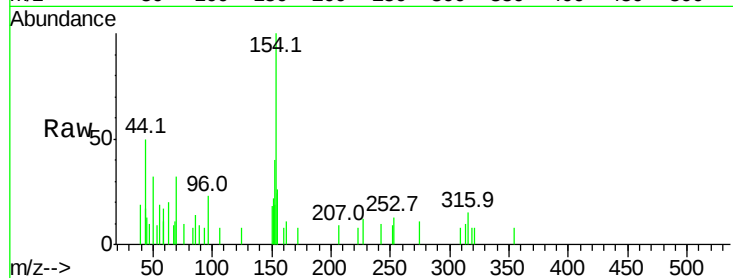




#46
2-Chloronaphthalene
Concen: 0.006 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.05 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

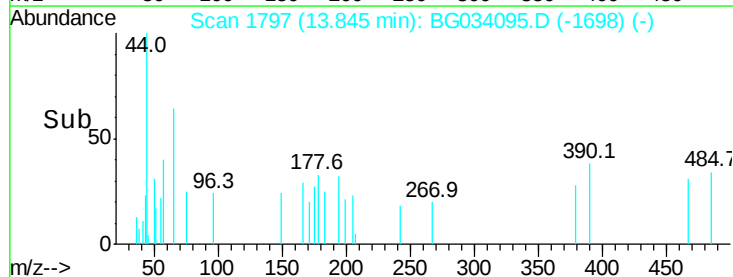
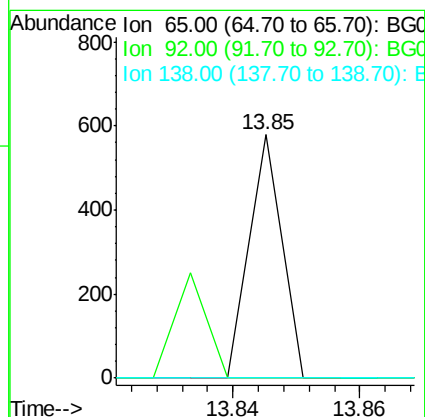
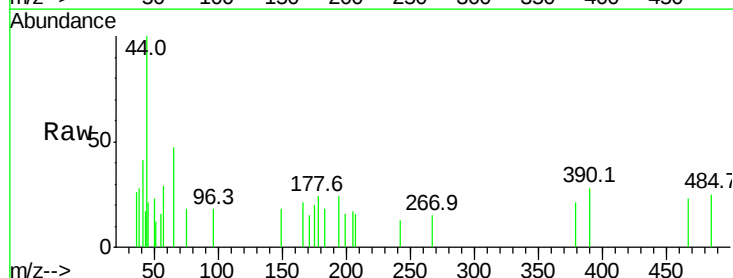
Instrument :
BNA_G
ClientSampleId :
PB108327BL

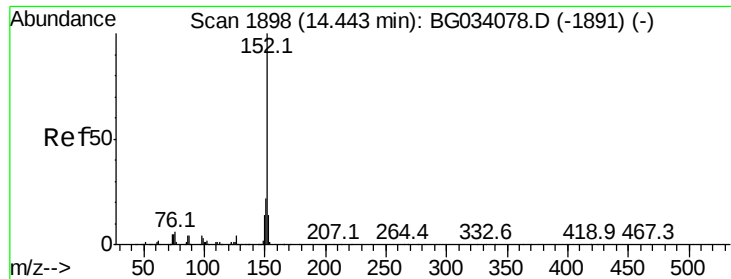
Tot Ion:162 Resp: 78
Ion Ratio Lower Upper
162 100
127 0.0 30.7 46.1#
164 0.0 26.0 39.0#



#47
2-Nitroaniline
Concen: 0.039 ng
RT: 13.85 min Scan# 1797
Delta R.T. 0.05 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

Tgt Ion: 65 Resp: 204
Ion Ratio Lower Upper
65 100
92 0.0 54.6 82.0#
138 0.0 72.9 109.3#





#48

Acenaphthylene

Concen: 0.010 ng

RT: 14.47 min Scan# 1903

Delta R.T. 0.03 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

PB108327BL

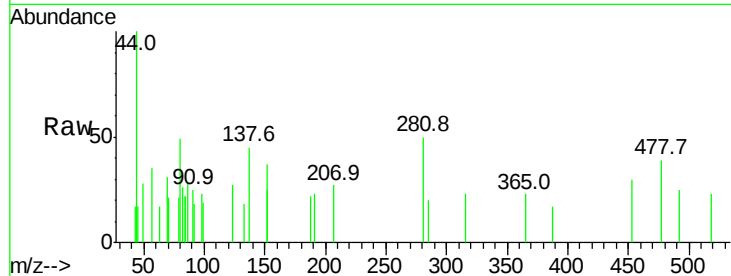
Tot Ion:152 Resp: 198

Ion Ratio Lower Upper

152 100

151 40.3 17.2 25.8#

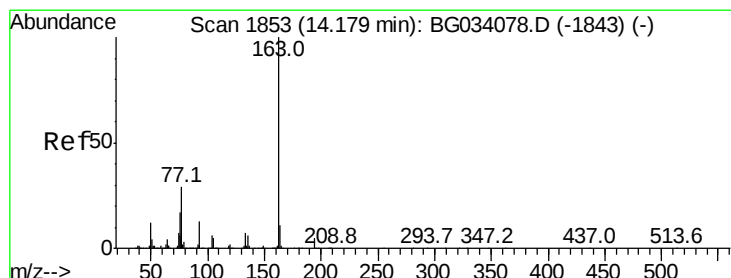
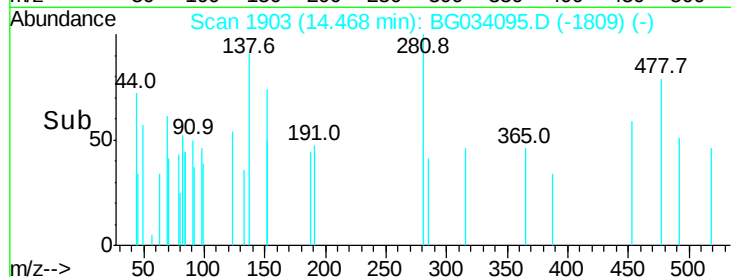
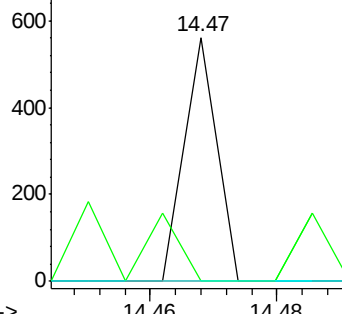
153 0.0 10.2 15.4#



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



#49

Dimethylphthalate

Concen: 0.008 ng

RT: 14.18 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

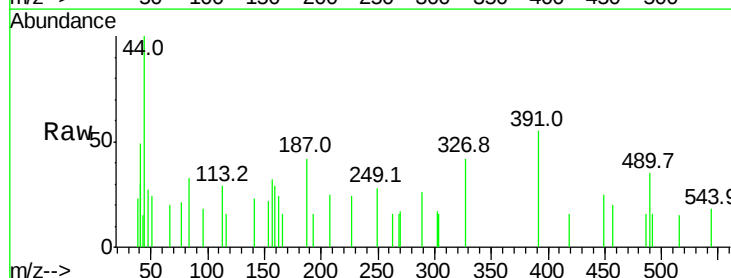
Tgt Ion:163 Resp: 144

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

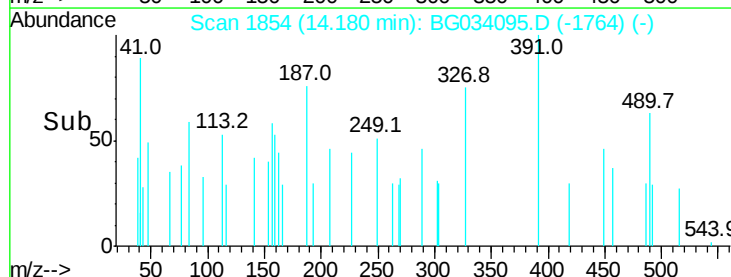
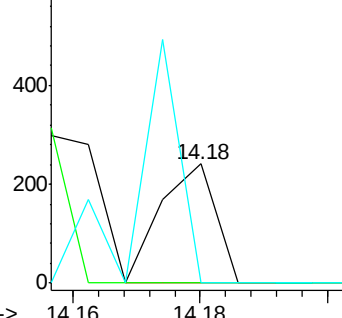
164 0.0 8.2 12.4#

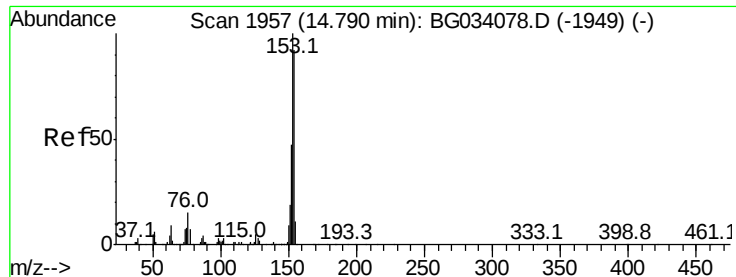


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 0.005 ng

RT: 14.77 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

PB108327BL

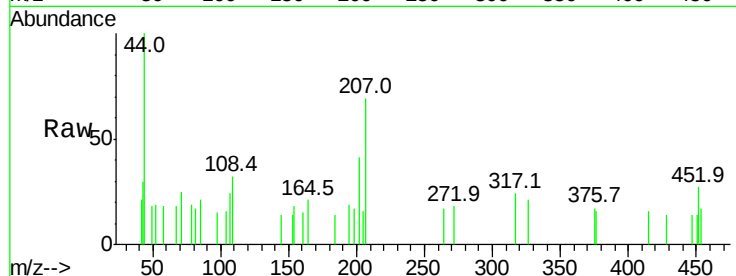
Tot Ion:154 Resp: 69

Ion Ratio Lower Upper

154 100

153 77.4 90.4 135.6#

152 0.0 41.6 62.4#



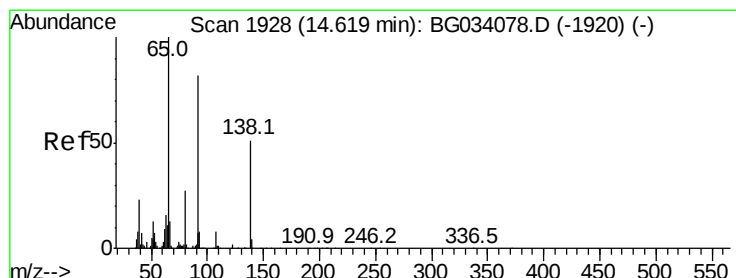
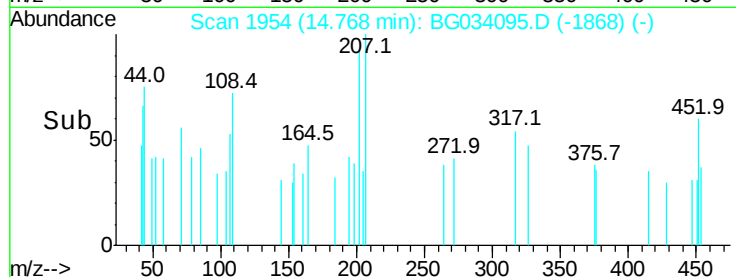
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.77

Time-->



#52

3-Nitroaniline

Concen: 0.046 ng

RT: 14.57 min Scan# 1921

Delta R.T. -0.05 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

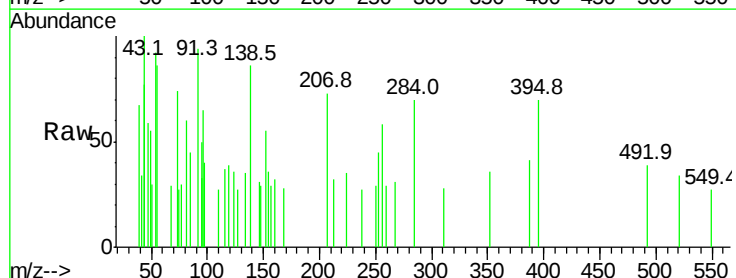
Tgt Ion:138 Resp: 171

Ion Ratio Lower Upper

138 100

108 0.0 17.5 26.3#

92 0.0 105.8 158.8#



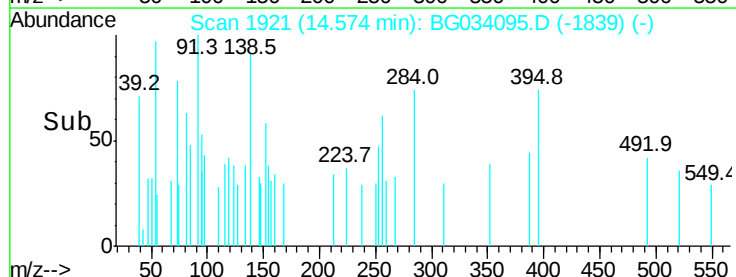
Abundance Ion 138.00 (137.70 to 138.70): E

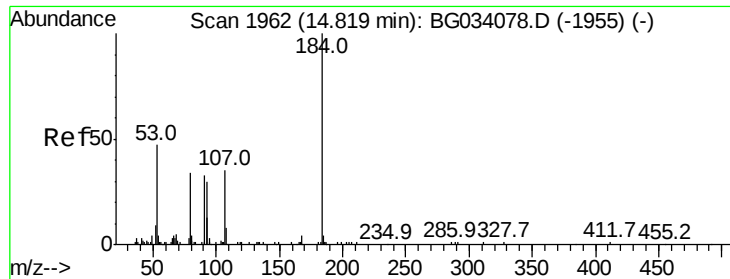
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

14.57

Time-->





#53

2,4-Dinitrophenol

Concen: 0.093 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.03 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

PB108327BL

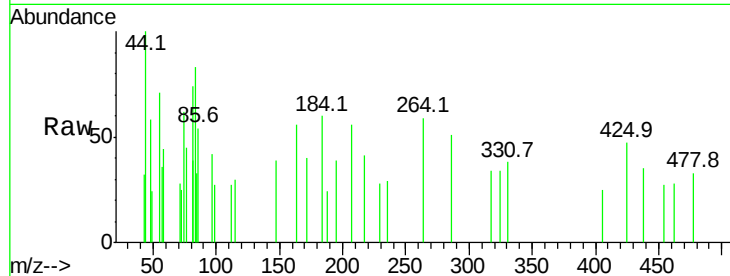
Tot Ion:184 Resp: 133

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

14.79

400

300

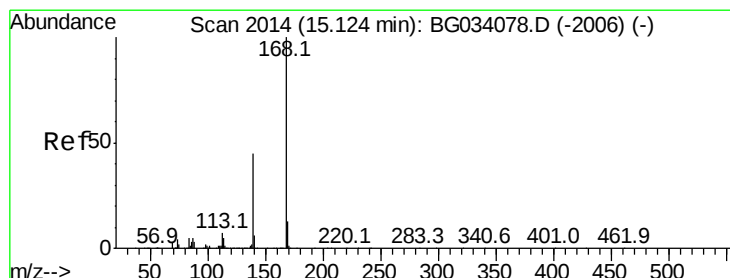
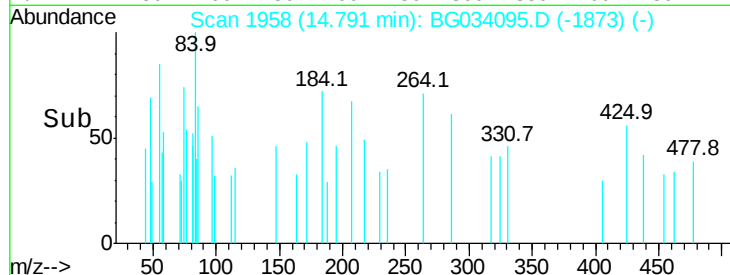
200

100

0

14.78 14.80

Time-->



#54

Dibenzofuran

Concen: 0.005 ng

RT: 15.17 min Scan# 2023

Delta R.T. 0.05 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

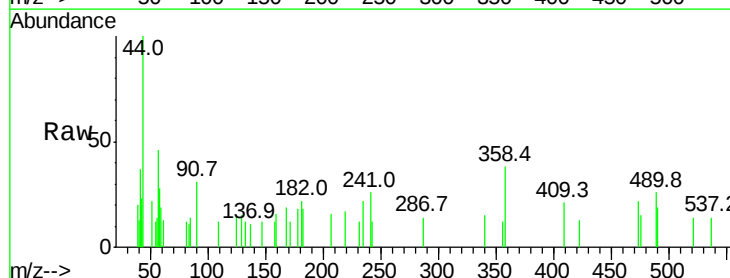
Tgt Ion:168 Resp: 96

Ion Ratio Lower Upper

168 100

139 0.0 28.6 43.0#

169 0.0 11.2 16.8#



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

15.17

400

300

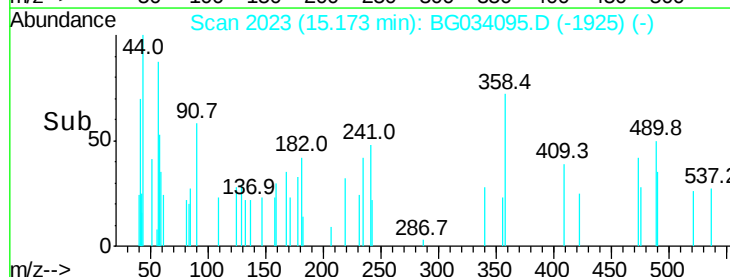
200

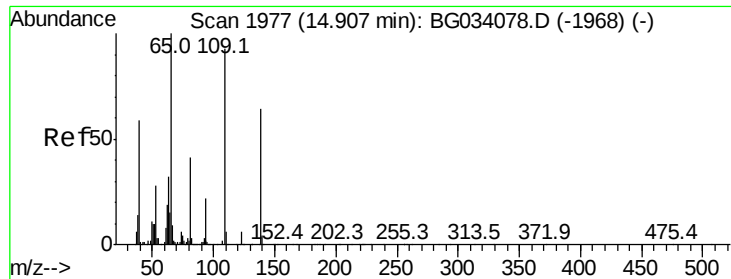
100

0

15.16 15.18

Time-->

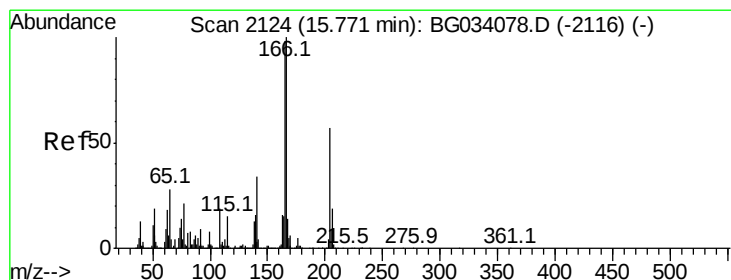
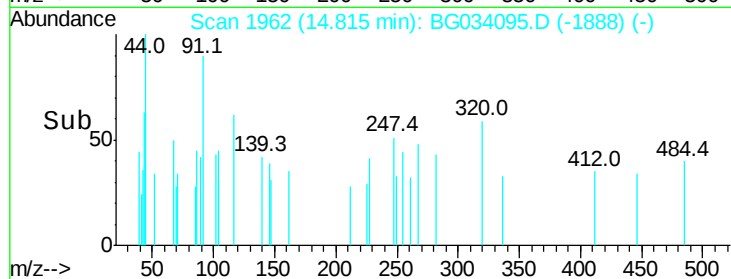
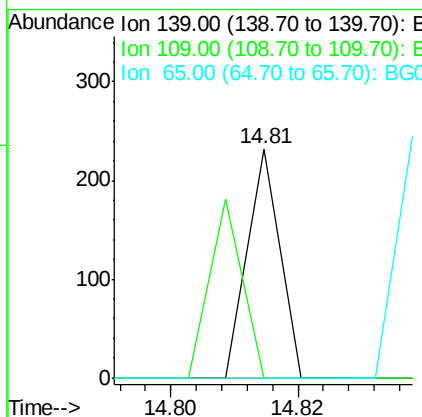
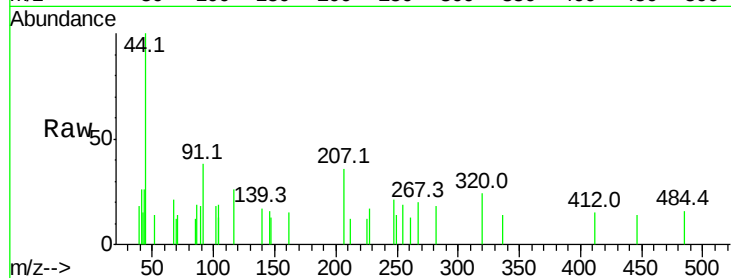




#55
4-Nitrophenol
Concen: 0.029 ng
RT: 14.81 min Scan# 1962
Delta R.T. -0.09 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

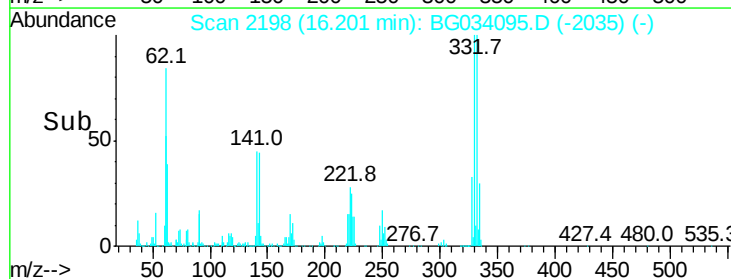
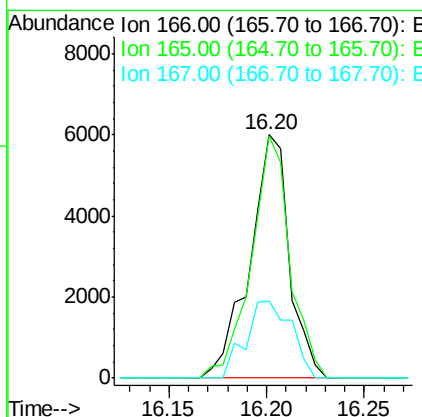
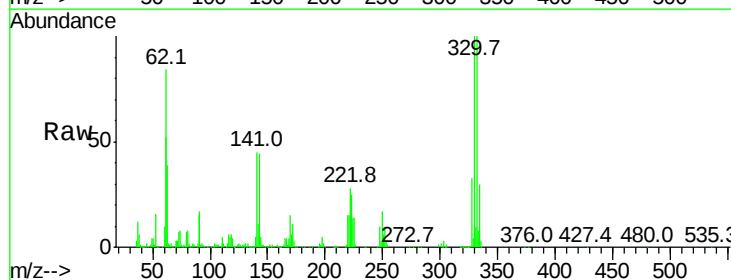
Instrument :
BNA_G
ClientSampleId :
PB108327BL

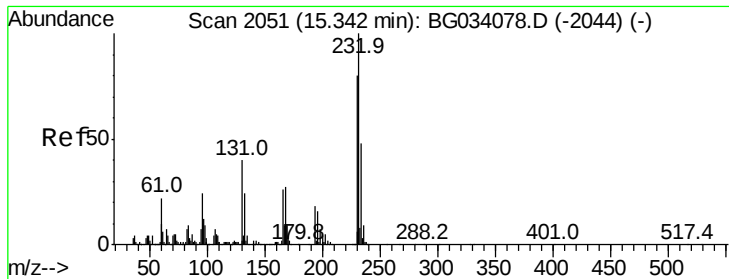
Tot Ion:139 Resp: 82
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#



#57
Fluorene
Concen: 0.473 ng
RT: 16.20 min Scan# 2198
Delta R.T. 0.43 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

Tgt Ion:166 Resp: 8442
Ion Ratio Lower Upper
166 100
165 99.6 80.6 121.0
167 31.7 10.4 15.6#

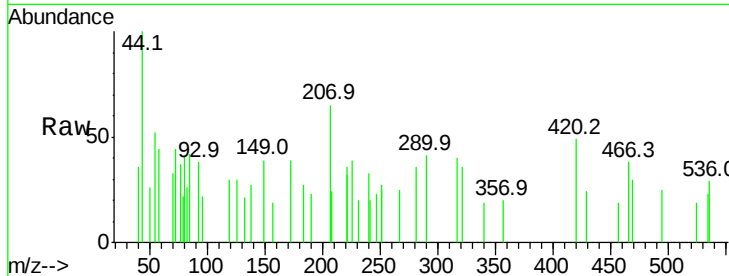




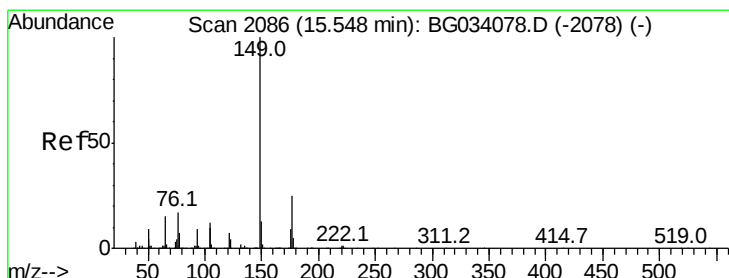
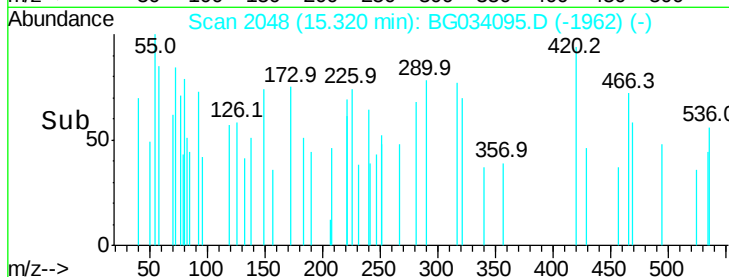
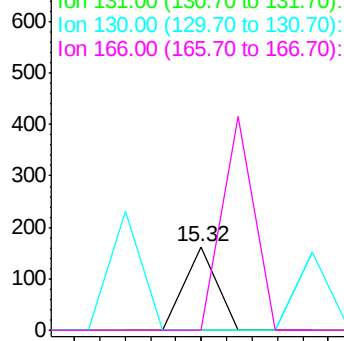
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.010 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG034095.D
 Acq: 2 May 2018 1:35

Instrument :
 BNA_G
 ClientSampleId :
 PB108327BL

Tot Ion:232 Resp: 57
 Ion Ratio Lower Upper
 232 100
 131 0.0 33.5 50.3#
 130 93.0 2.2 3.2#
 166 256.1 24.8 37.2#

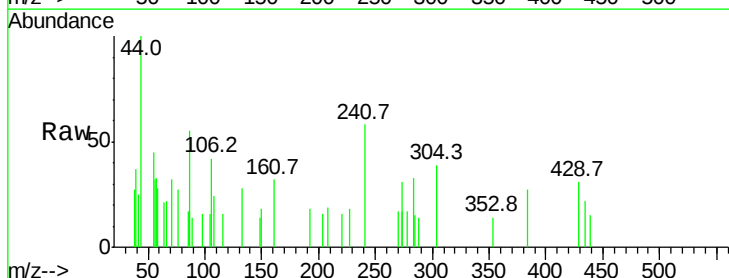


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

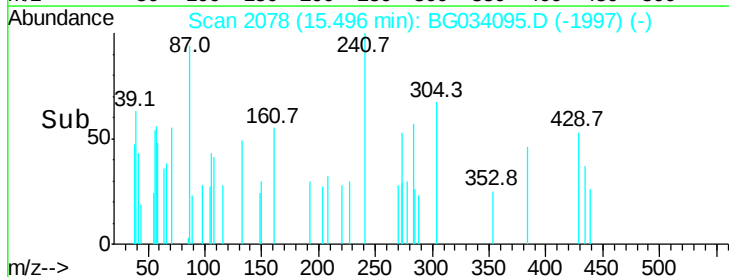
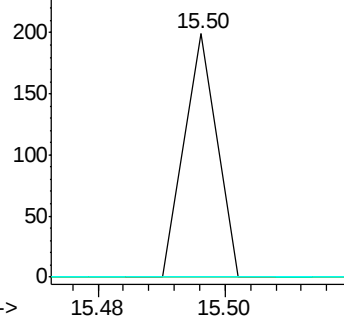


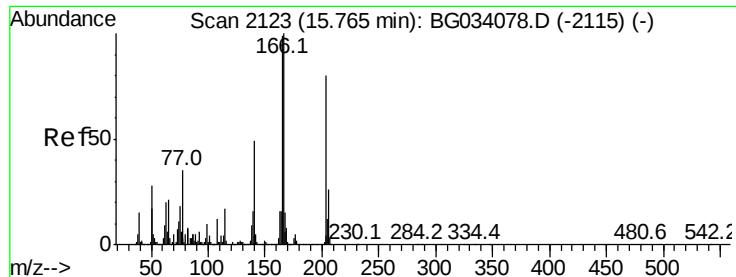
#59
 Diethylphthalate
 Concen: 0.003 ng
 RT: 15.50 min Scan# 2078
 Delta R.T. -0.05 min
 Lab File: BG034095.D
 Acq: 2 May 2018 1:35

Tgt Ion:149 Resp: 70
 Ion Ratio Lower Upper
 149 100
 177 0.0 18.5 27.7#
 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

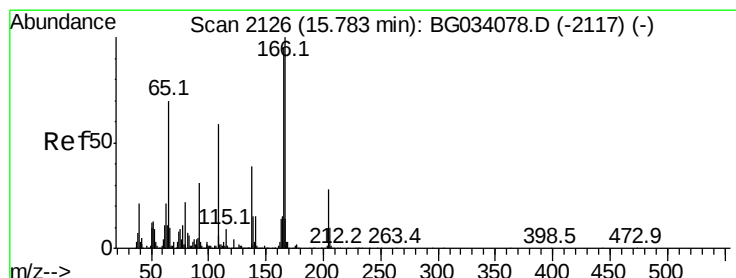
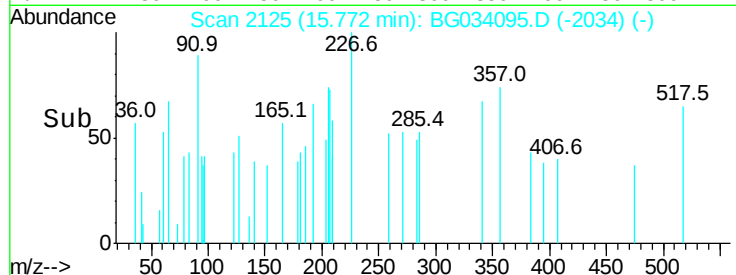
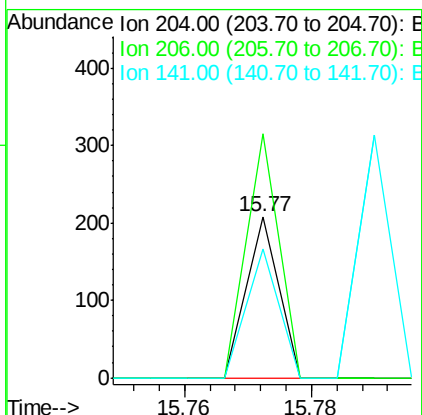
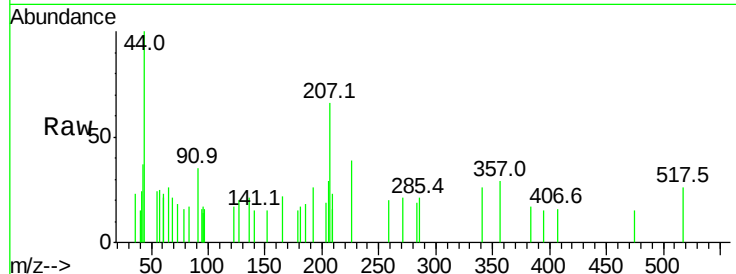




#60
4-Chlorophenyl-phenylether
Concen: 0.007 ng
RT: 15.77 min Scan# 2125
Delta R.T. 0.01 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

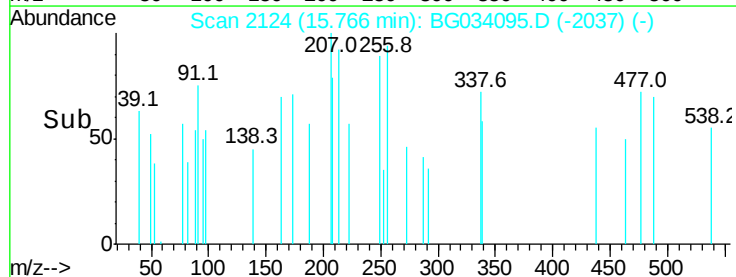
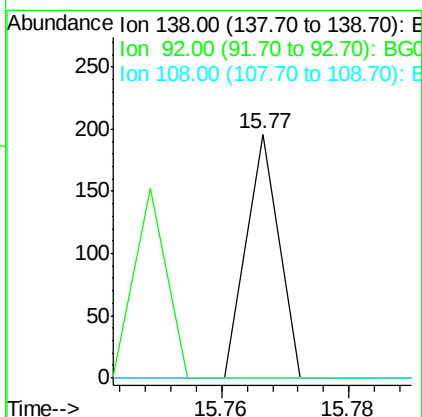
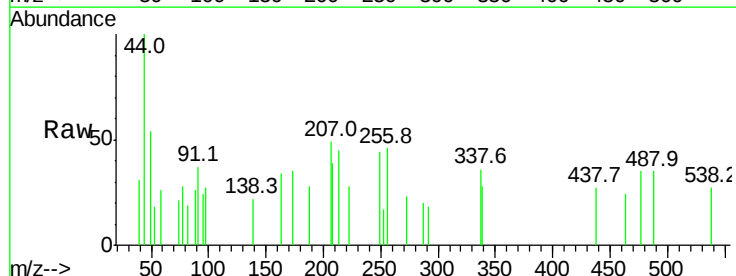
Instrument :
BNA_G
ClientSampleId :
PB108327BL

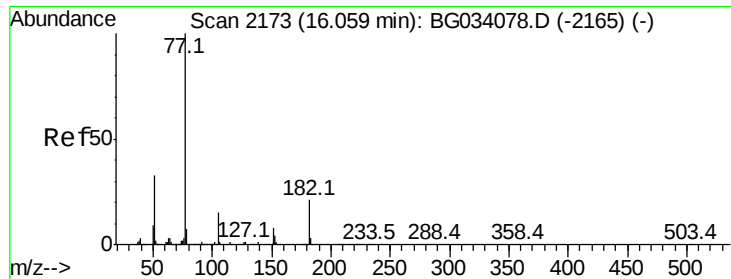
Tot Ion:204 Resp: 73
Ion Ratio Lower Upper
204 100
206 151.4 26.2 39.2#
141 79.8 45.8 68.6#



#61
4-Nitroaniline
Concen: 0.018 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

Tgt Ion:138 Resp: 69
Ion Ratio Lower Upper
138 100
92 0.0 40.1 80.1#
108 0.0 65.4 105.4#





#62

Azobenzene

Concen: 0.005 ng

RT: 16.08 min Scan# 2177

Delta R.T. 0.02 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

PB108327BL

Tot Ion: 77 Resp: 110

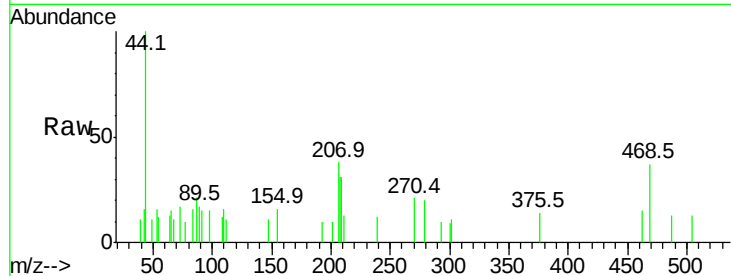
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 0.0 0.3 40.3#

51 0.0 11.6 51.6#

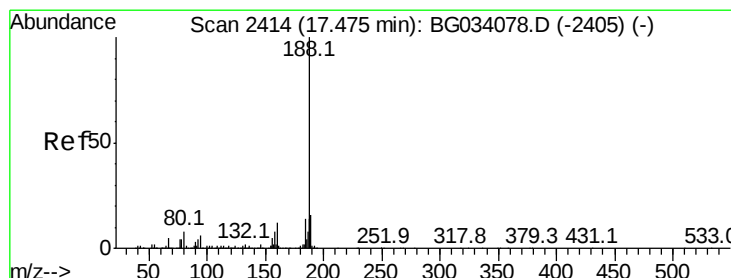
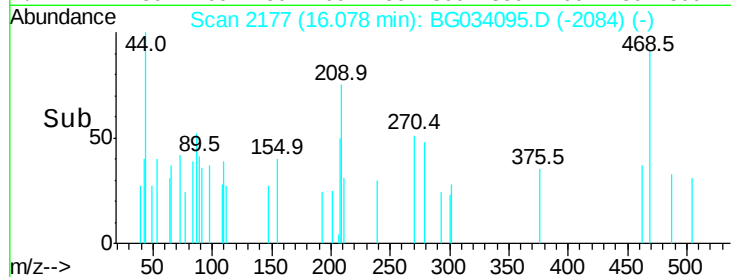
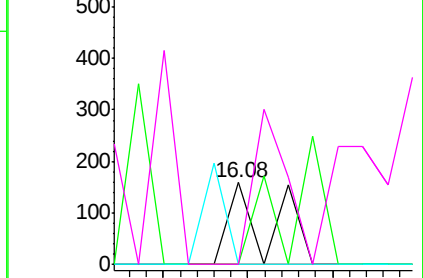


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

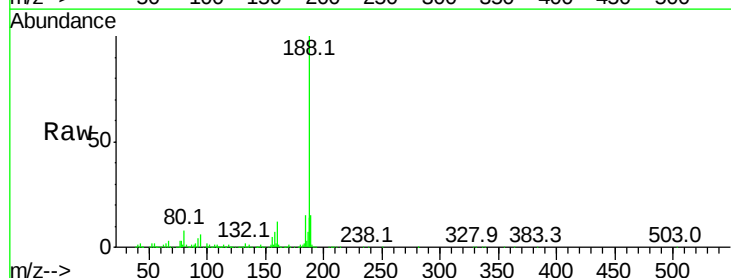
Tgt Ion: 188 Resp: 643184

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

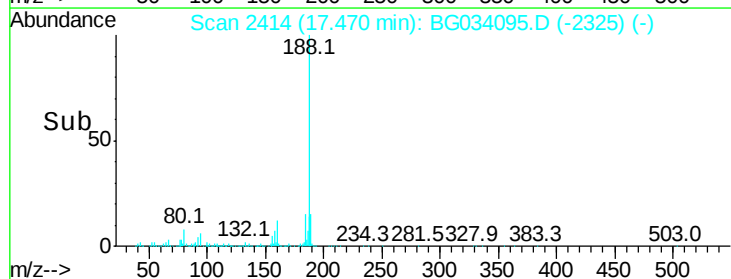
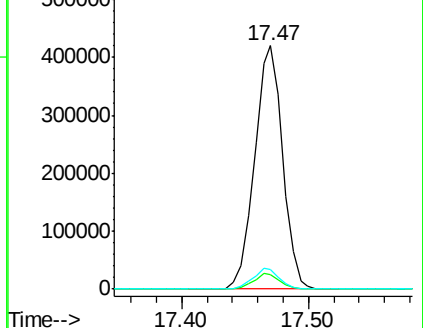
80 7.9 7.7 11.5

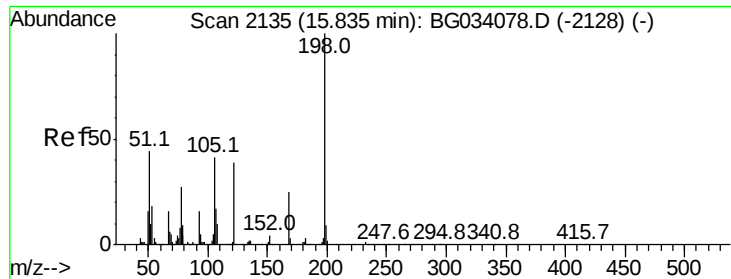


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

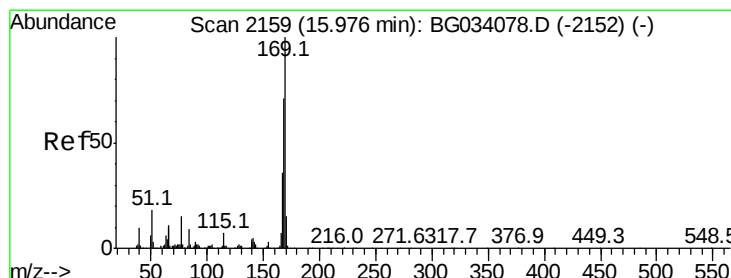
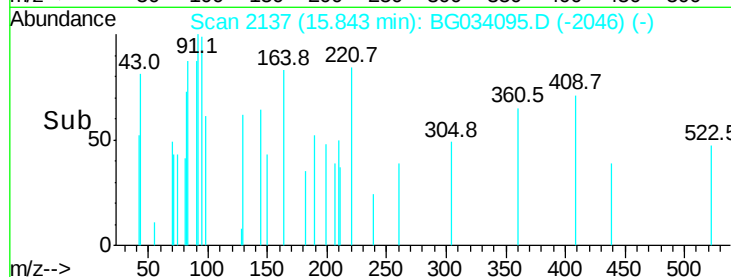
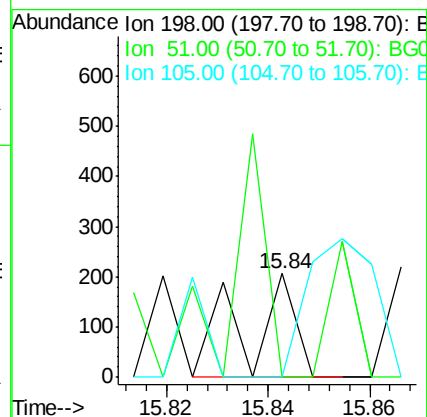
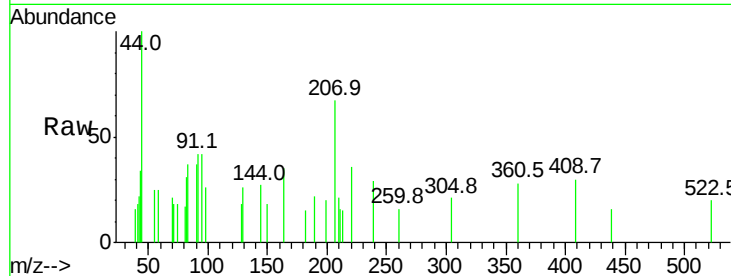




#64
4,6-Dinitro-2-methylphenol
Concen: 0.046 ng
RT: 15.84 min Scan# 2137
Delta R.T. 0.01 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

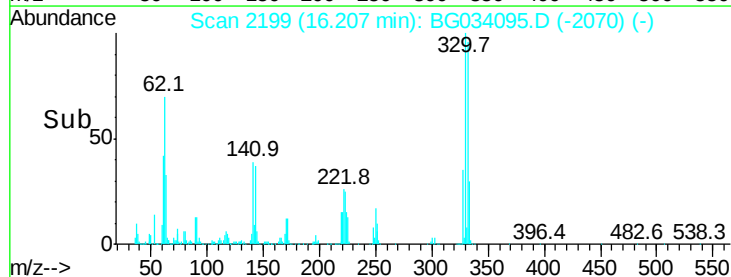
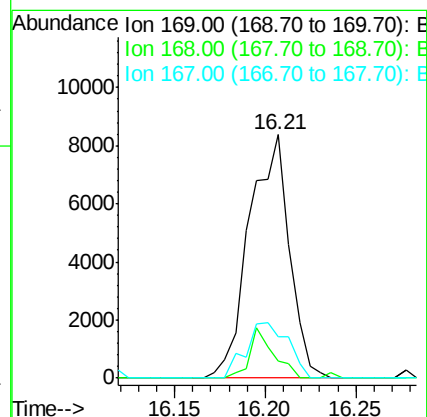
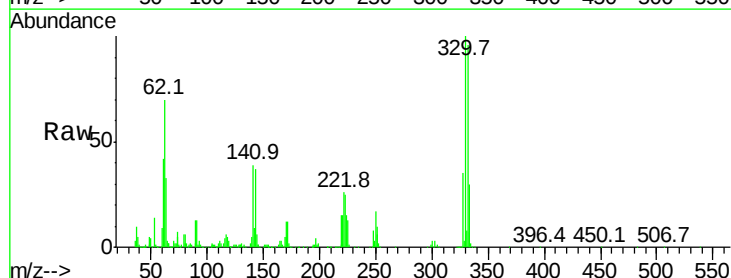
Instrument :
BNA_G
ClientSampleId :
PB108327BL

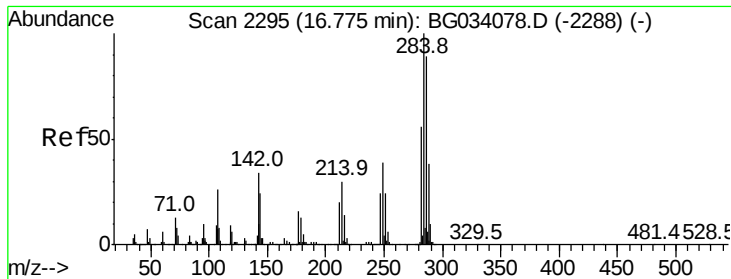
Tot Ion:198 Resp: 139
Ion Ratio Lower Upper
198 100
51 0.0 30.6 70.6#
105 0.0 23.8 63.8#



#65
n-Nitrosodiphenylamine
Concen: 0.736 ng
RT: 16.21 min Scan# 2199
Delta R.T. 0.23 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

Tgt Ion:169 Resp: 12909
Ion Ratio Lower Upper
169 100
168 7.0 55.7 83.5#
167 17.0 30.1 45.1#





#67

Hexachlorobenzene

Concen: 0.008 ng

RT: 16.78 min Scan# 2296

Delta R.T. 0.00 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

PB108327BL

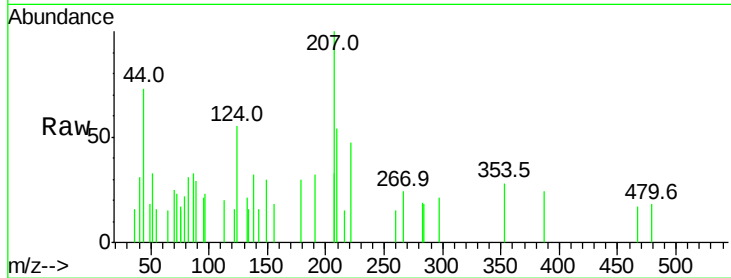
Tot Ion:284 Resp: 66

Ion Ratio Lower Upper

284 100

142 86.6 26.8 40.2#

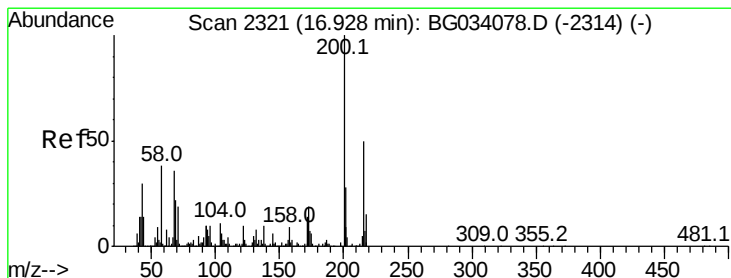
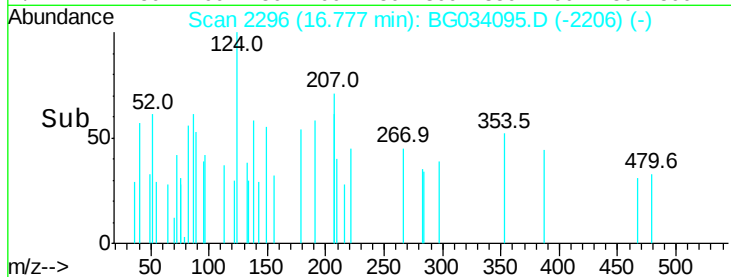
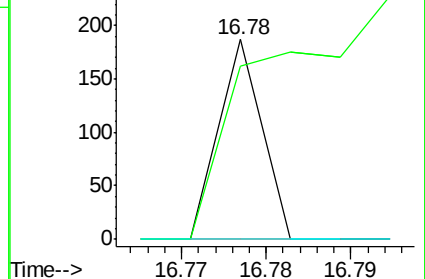
249 0.0 26.3 39.5#



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: 0.925 ng

RT: 16.98 min Scan# 2331

Delta R.T. 0.05 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

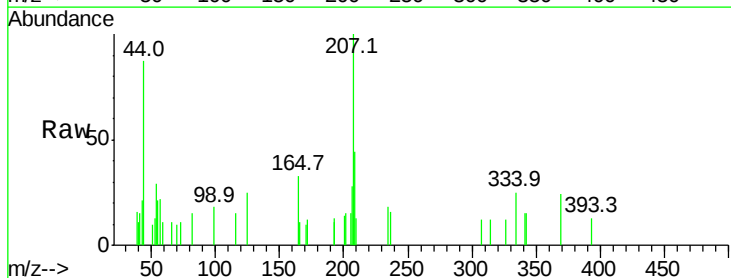
Tgt Ion:200 Resp: 79

Ion Ratio Lower Upper

200 100

173 0.0 5.2 45.2#

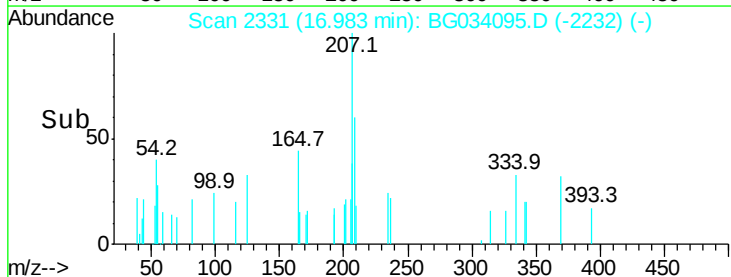
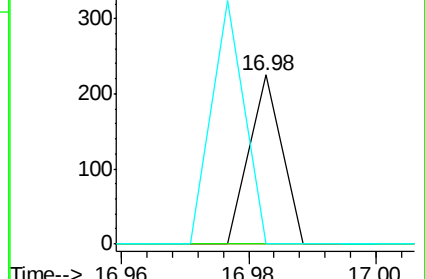
215 0.0 30.4 70.4#

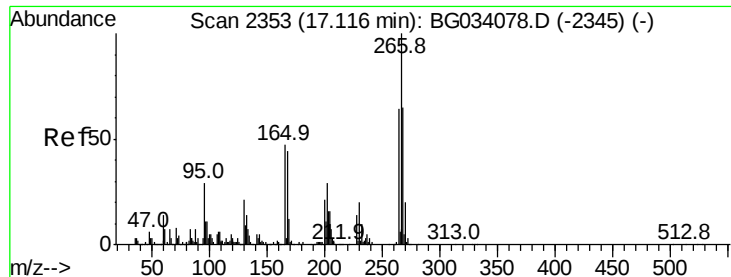


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 0.019 ng

RT: 17.10 min Scan# 2351

Delta R.T. -0.02 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

PB108327BL

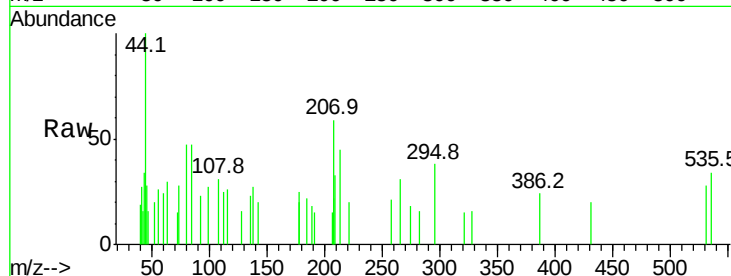
Tot Ion:266 Resp: 108

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

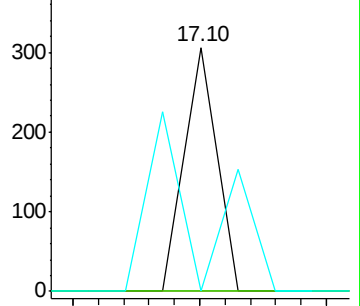
264 0.0 49.6 74.4#



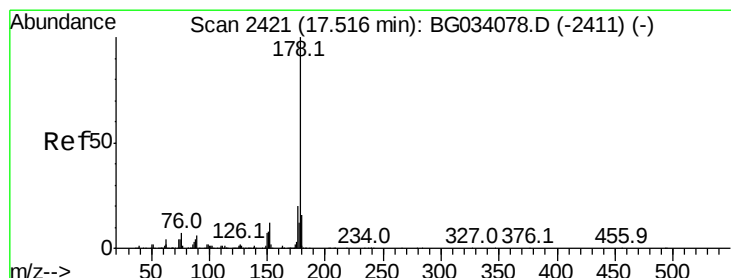
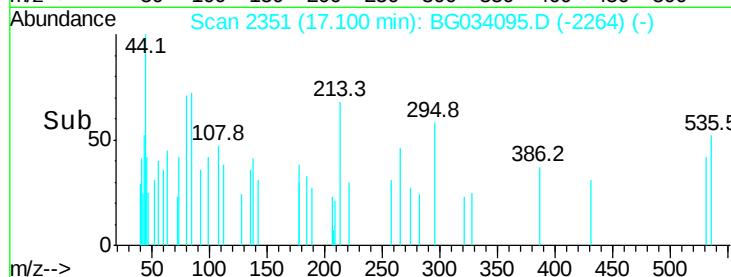
Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time--> 17.08 17.10



#70

Phenanthrene

Concen: 0.004 ng

RT: 17.52 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

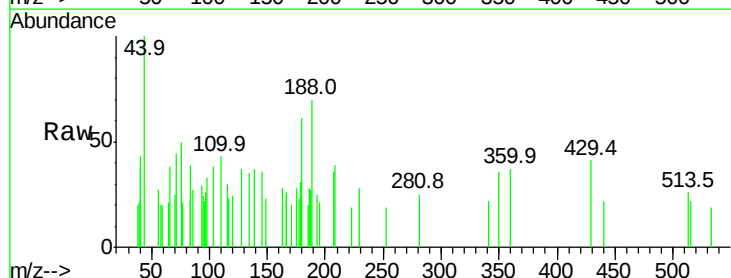
Tgt Ion:178 Resp: 125

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

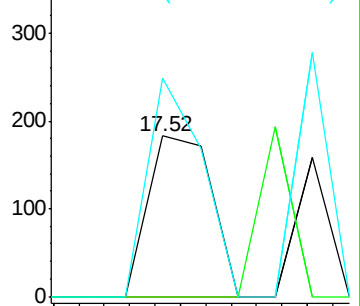
179 136.1 12.5 18.7#



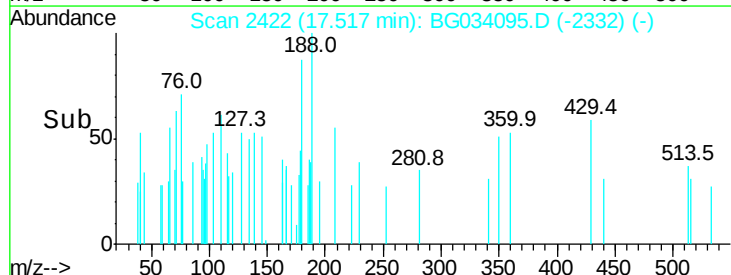
Abundance Ion 178.00 (177.70 to 178.70): E

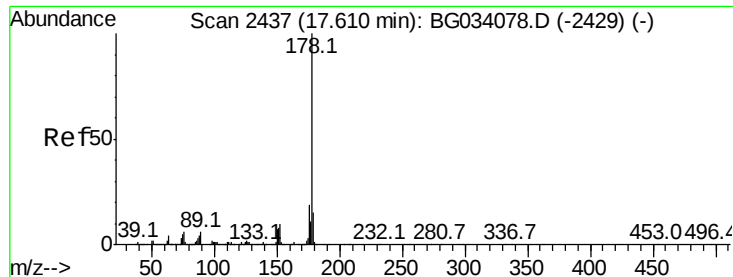
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.50 17.52 17.54

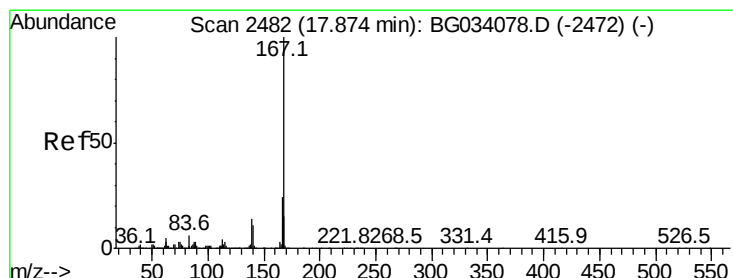
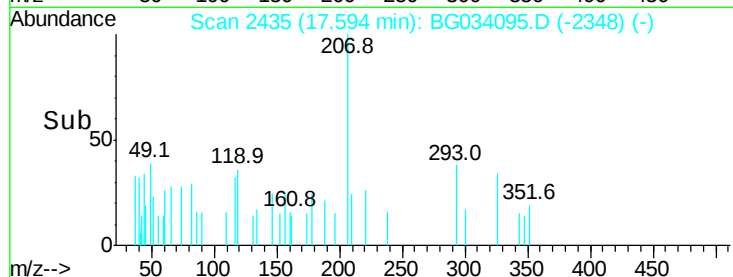
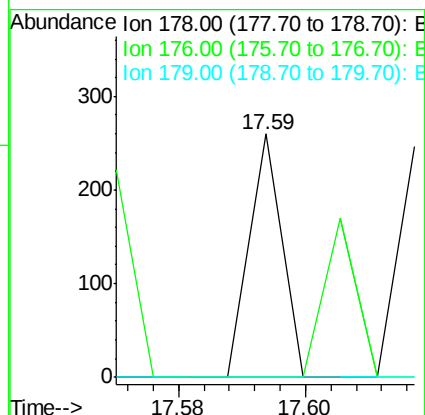
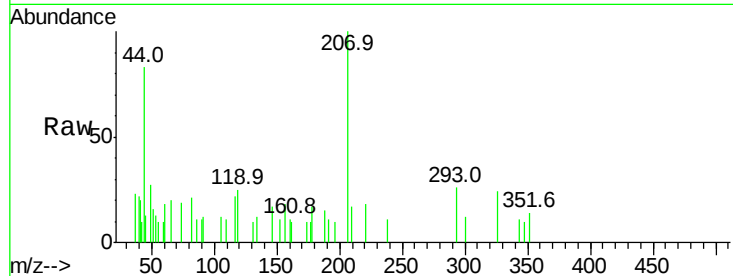




#71
 Anthracene
 Concen: 0.003 ng
 RT: 17.59 min Scan# 2435
 Delta R.T. -0.02 min
 Lab File: BG034095.D
 Acq: 2 May 2018 1:35

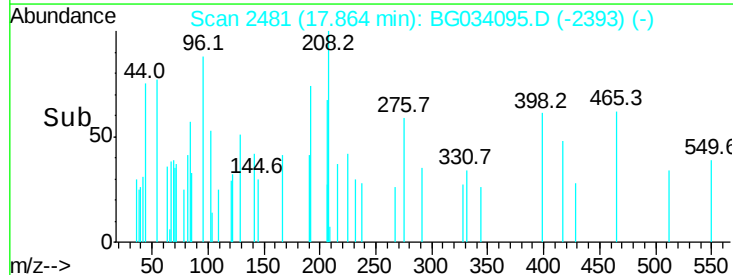
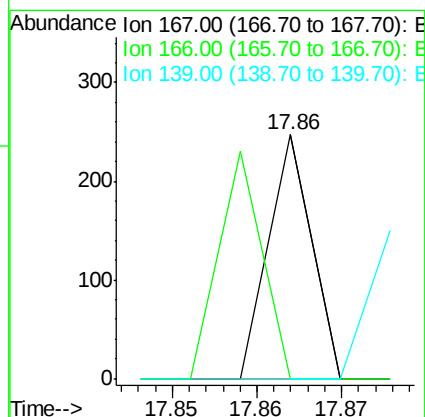
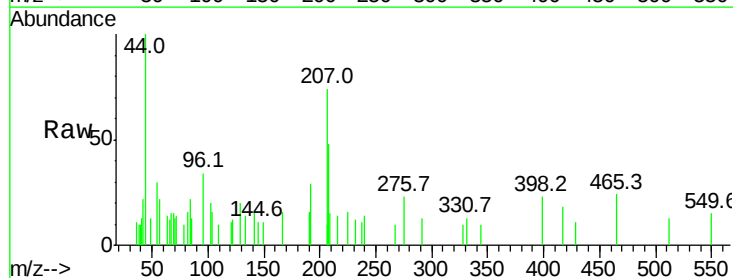
Instrument :
 BNA_G
 ClientSampleId :
 PB108327BL

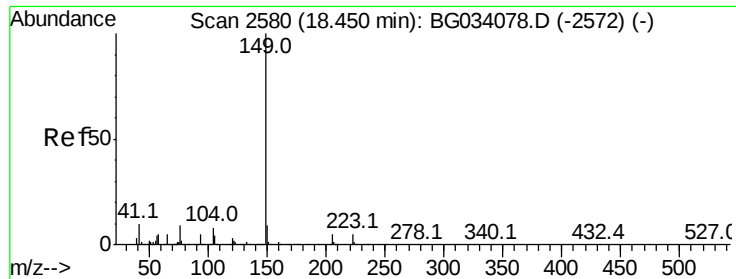
Tot Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.0	24.0#
179	0.0	12.5	18.7#



#72
 Carbazole
 Concen: 0.003 ng
 RT: 17.86 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BG034095.D
 Acq: 2 May 2018 1:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.2	27.4#
139	0.0	9.4	14.2#





#73

Di-n-butylphthalate

Concen: 0.007 ng

RT: 18.44 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

PB108327BL

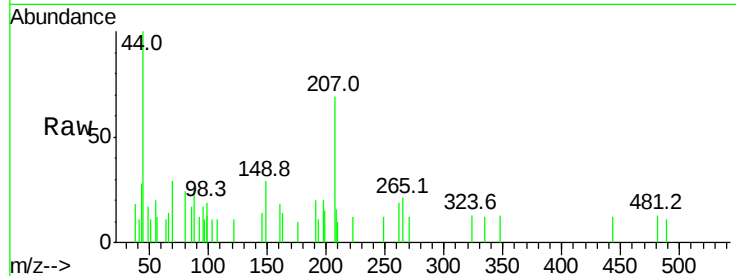
Tot Ion:149 Resp: 274

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

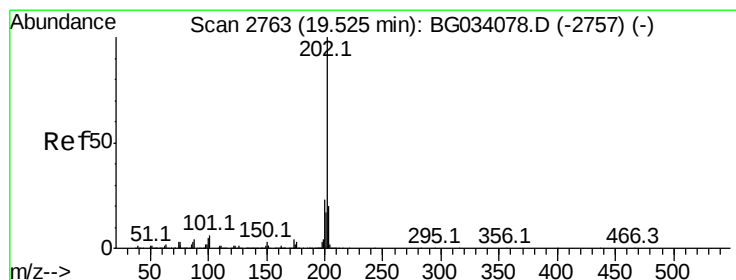
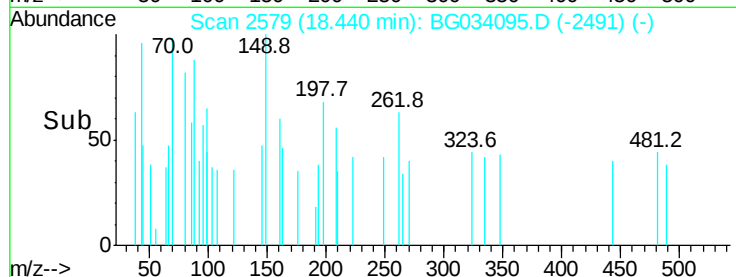
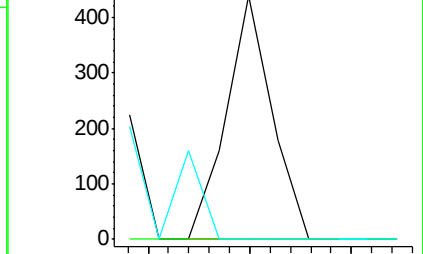
104 0.0 3.9 5.9#



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: 0.001 ng

RT: 19.55 min Scan# 2768

Delta R.T. 0.02 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

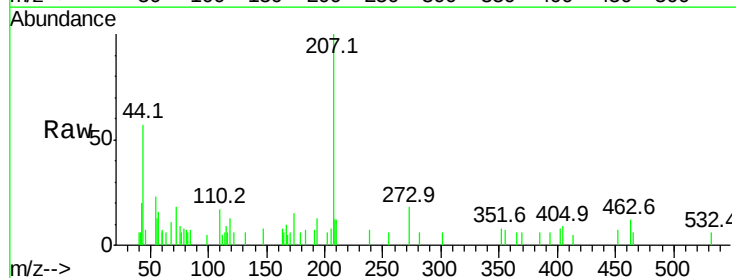
Tgt Ion:202 Resp: 59

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

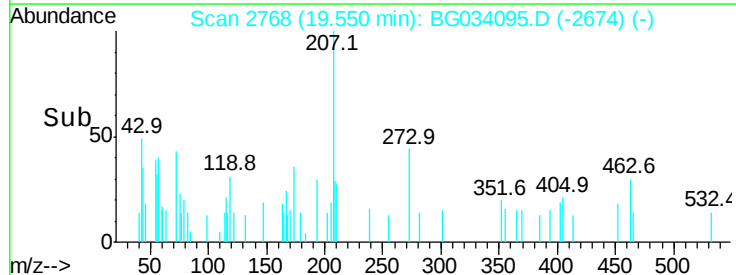
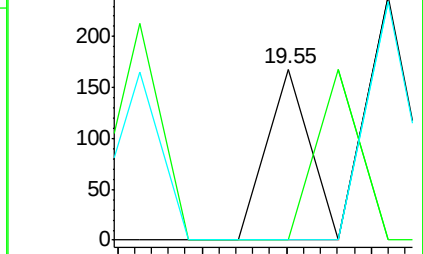
203 0.0 0.0 37.5

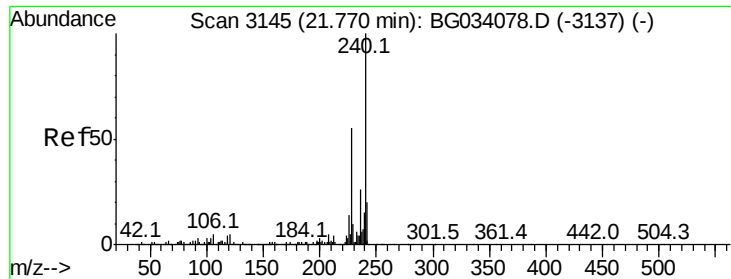


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

PB108327BL

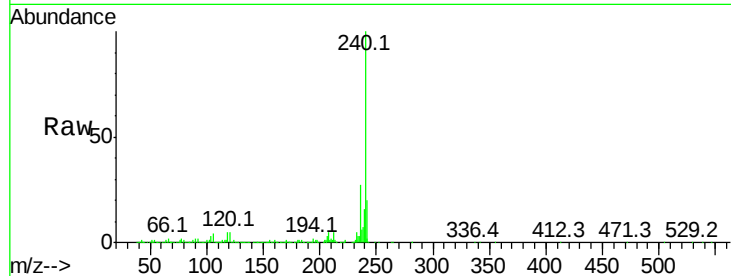
Tot Ion:240 Resp: 763808

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

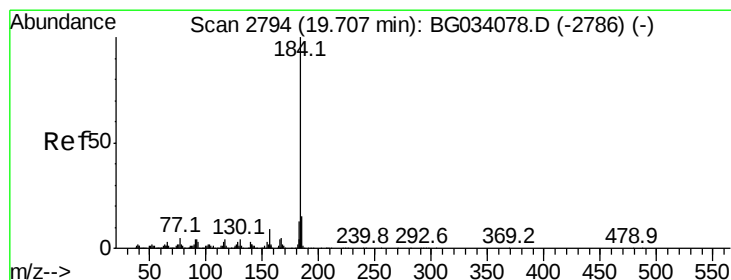
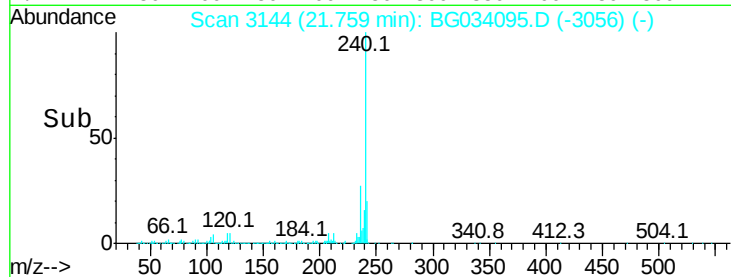
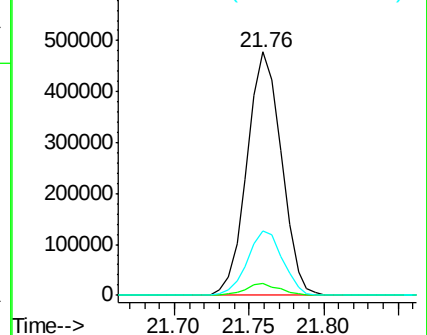
236 26.5 20.9 31.3



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: 0.377 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.02 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

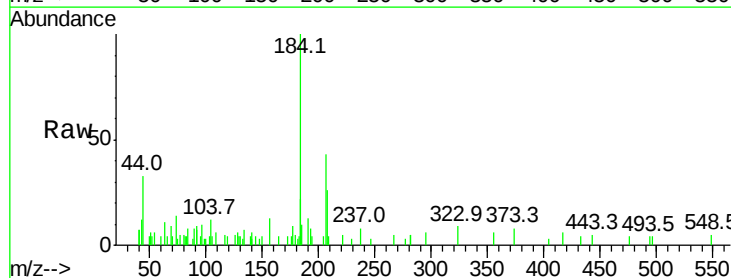
Tgt Ion:184 Resp: 7423

Ion Ratio Lower Upper

184 100

185 9.8 11.1 16.7#

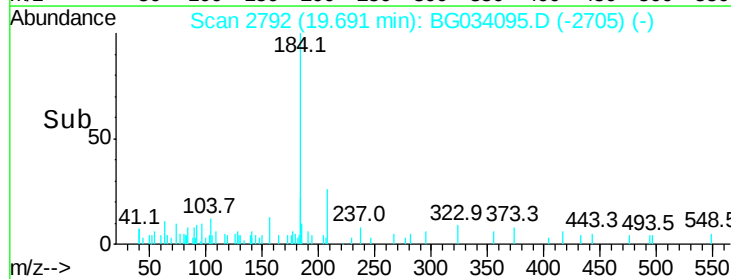
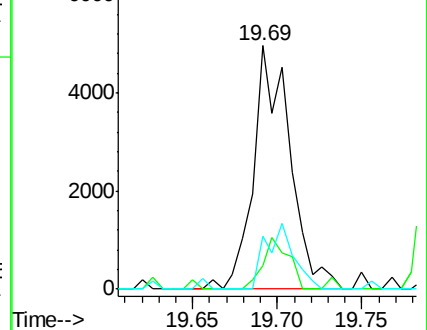
183 21.7 10.6 16.0#

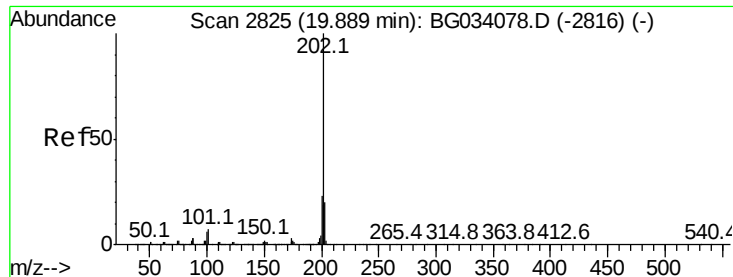


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.289 ng

RT: 20.09 min Scan# 2860

Delta R.T. 0.20 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

PB108327BL

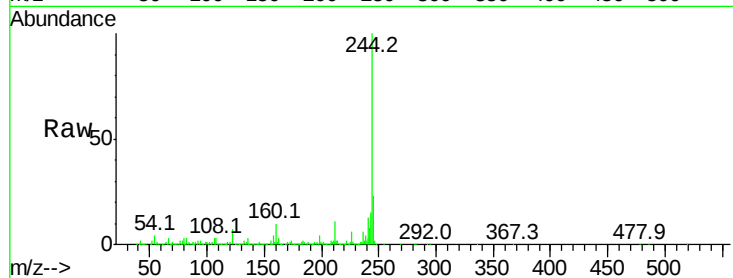
Tot Ion:202 Resp: 13808

Ion Ratio Lower Upper

202 100

200 32.7 16.9 25.3#

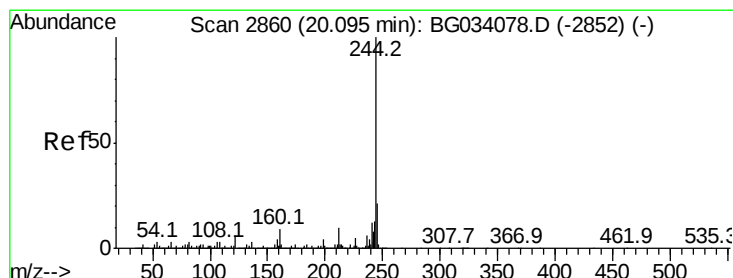
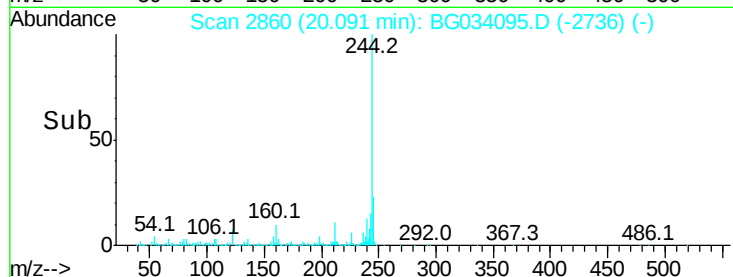
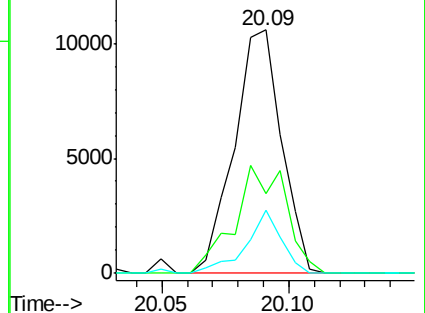
203 25.8 13.9 20.9#



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: 78.165 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

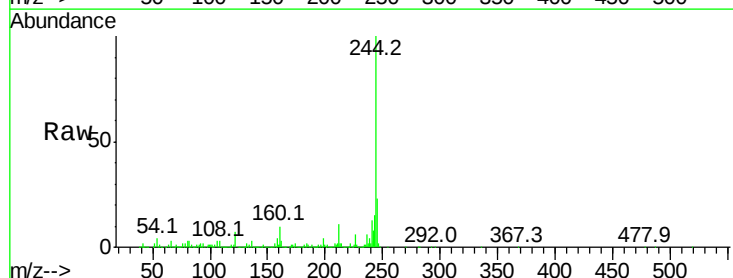
Tgt Ion:244 Resp: 2725350

Ion Ratio Lower Upper

244 100

212 10.6 5.8 8.8#

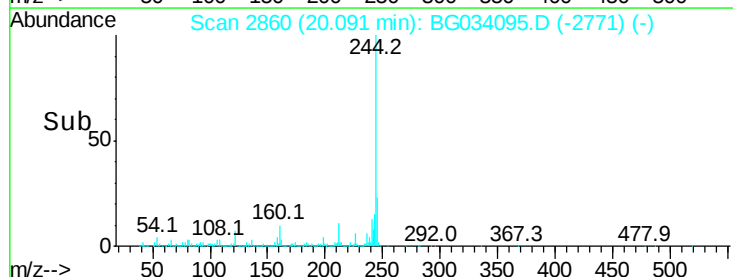
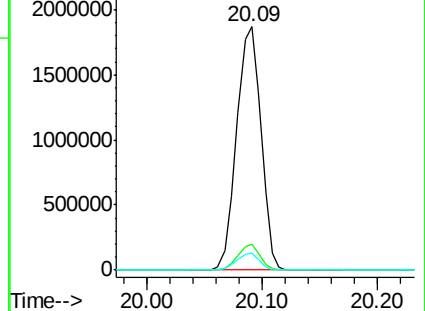
122 6.8 7.0 10.4#

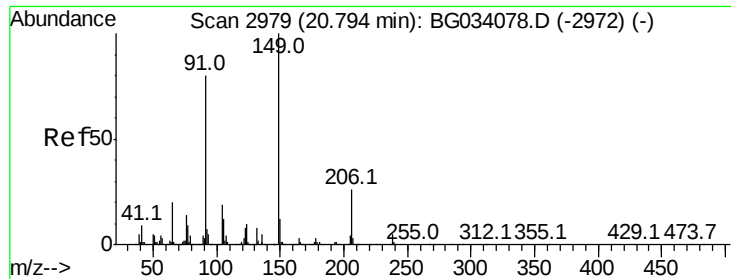


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

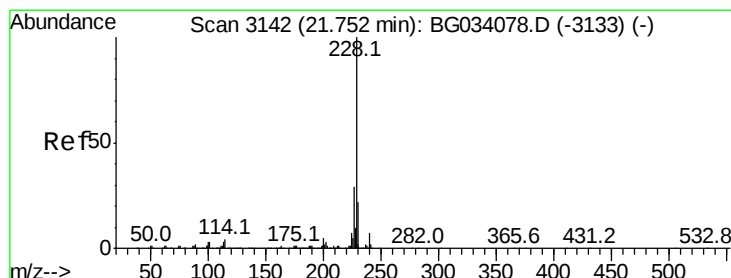
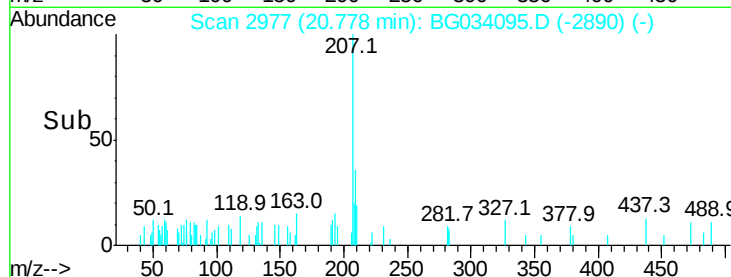
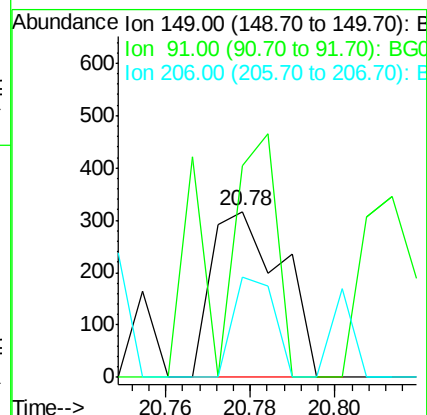
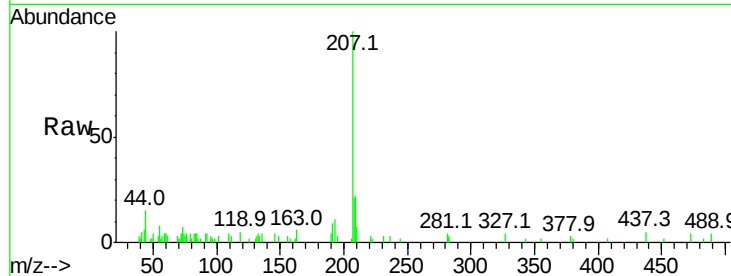




#79
 Butylbenzylphthalate
 Concen: 0.020 ng
 RT: 20.78 min Scan# 2977
 Delta R.T. -0.02 min
 Lab File: BG034095.D
 Acq: 2 May 2018 1:35

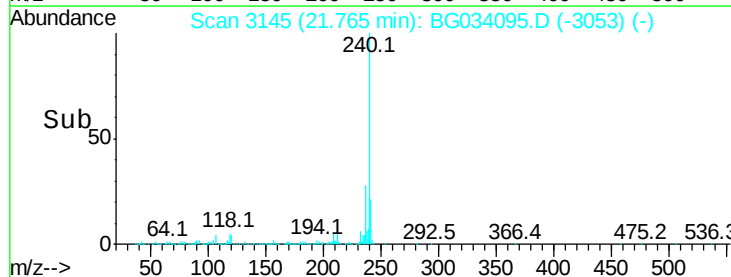
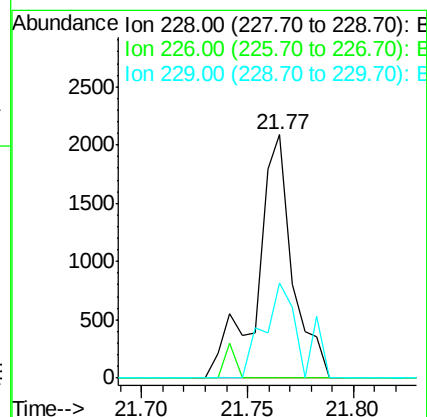
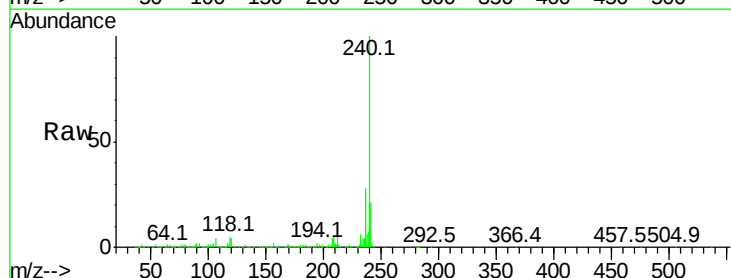
Instrument :
 BNA_G
 ClientSampleID :
 PB108327BL

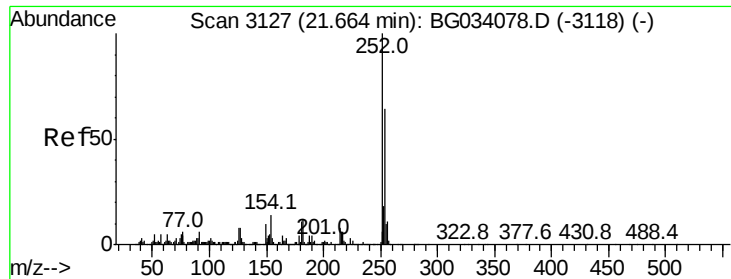
Tot Ion:149 Resp: 368
 Ion Ratio Lower Upper
 149 100
 91 127.8 62.2 93.2#
 206 60.3 18.6 27.8#



#80
 Benzo(a)anthracene
 Concen: 0.050 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. 0.01 min
 Lab File: BG034095.D
 Acq: 2 May 2018 1:35

Tgt Ion:228 Resp: 2454
 Ion Ratio Lower Upper
 228 100
 226 0.0 22.7 34.1#
 229 38.9 16.2 24.2#

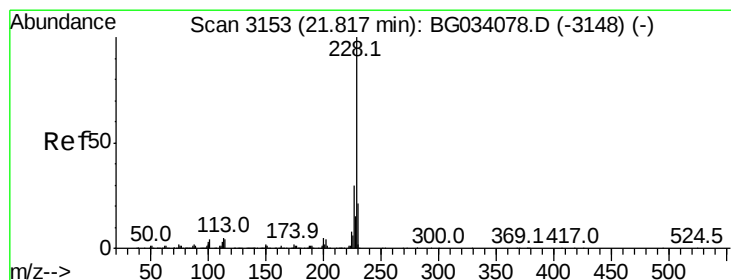
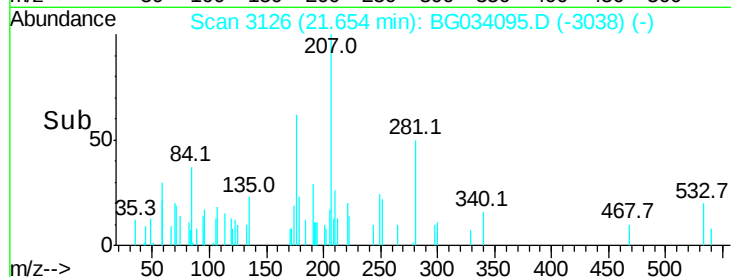
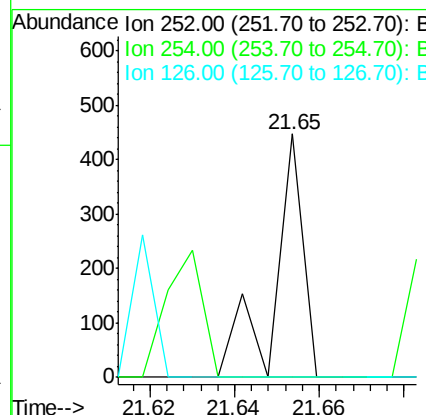
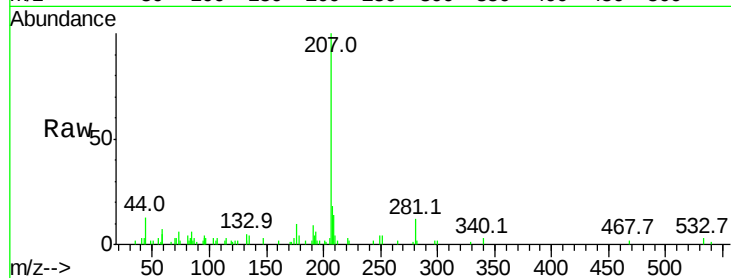




#81
 3,3'-Dichlorobenzidine
 Concen: 0.011 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG034095.D
 Acq: 2 May 2018 1:35

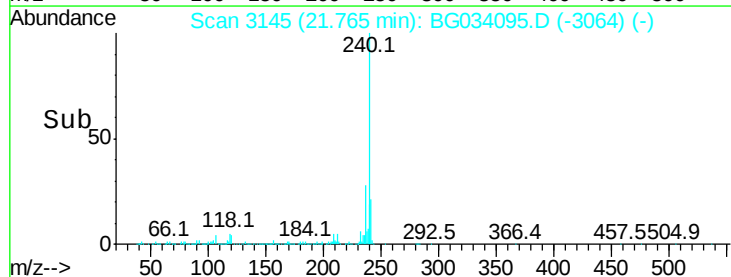
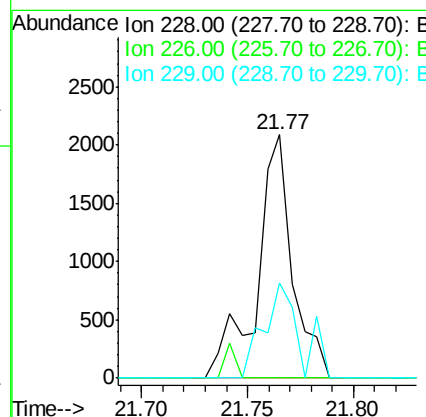
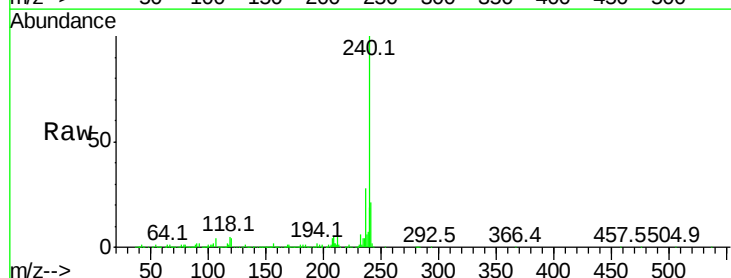
Instrument :
 BNA_G
 ClientSampleId :
 PB108327BL

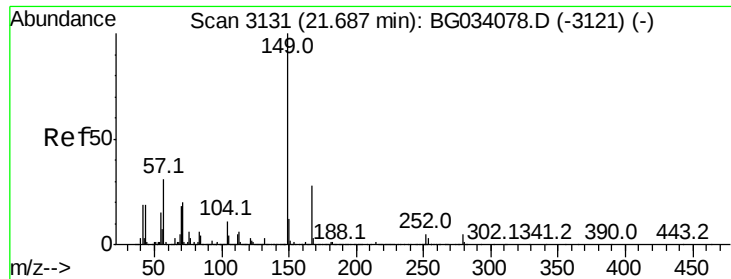
Tot Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.8	76.2#
126	0.0	7.4	11.2#



#82
 Chrysene
 Concen: 0.052 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.05 min
 Lab File: BG034095.D
 Acq: 2 May 2018 1:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	38.9	15.0	22.4#





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.009 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

PB108327BL

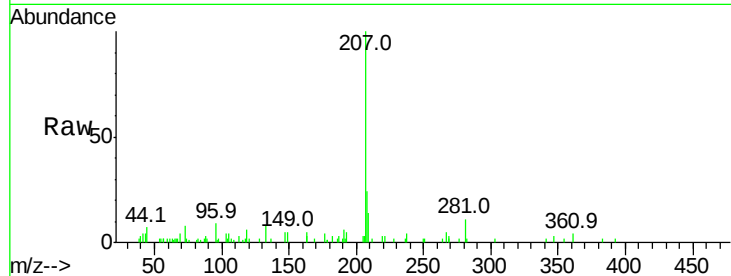
Tot Ion:149 Resp: 237

Ion Ratio Lower Upper

149 100

167 0.0 24.3 36.5#

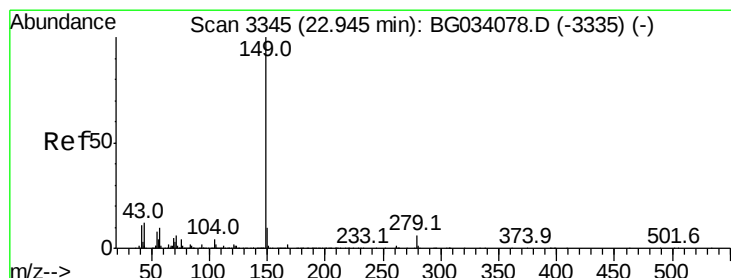
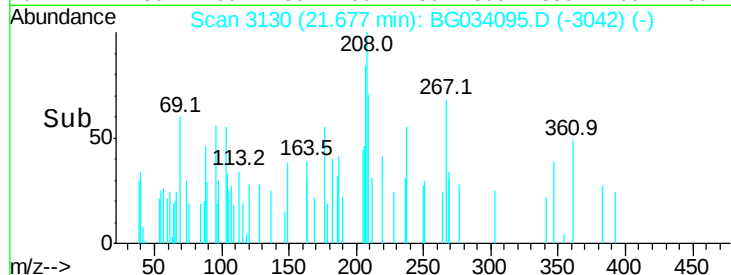
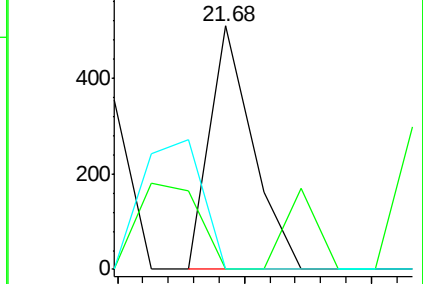
279 0.0 4.0 6.0#



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: 0.017 ng

RT: 22.91 min Scan# 3339

Delta R.T. -0.04 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

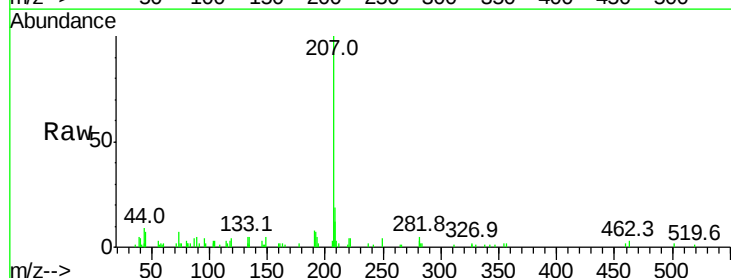
Tgt Ion:149 Resp: 706

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

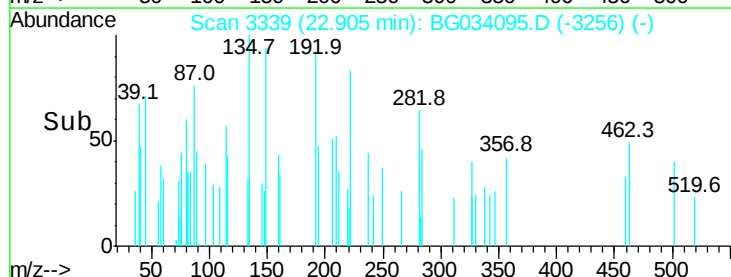
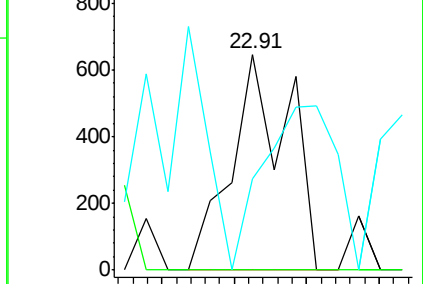
43 98.2 8.9 13.3#

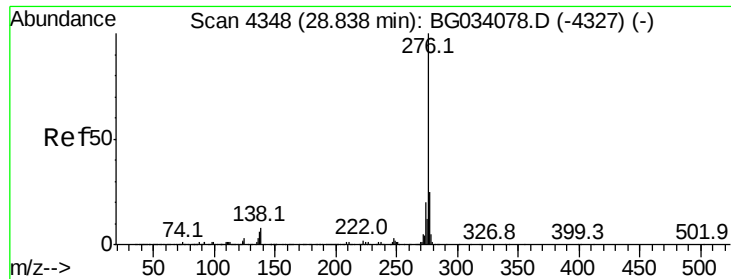


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 0.001 ng

RT: 28.77 min Scan# 4338

Delta R.T. -0.06 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

PB108327BL

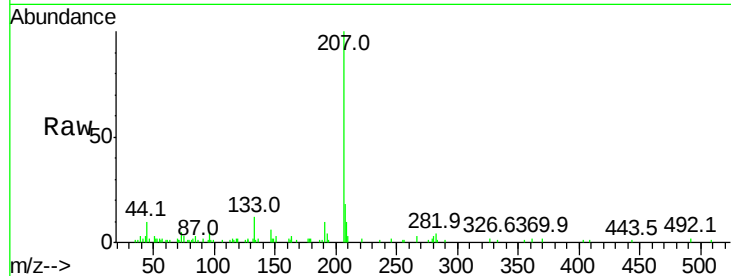
Tot Ion:276 Resp: 55

Ion Ratio Lower Upper

276 100

138 100.0 16.0 24.0#

277 0.0 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

28.77

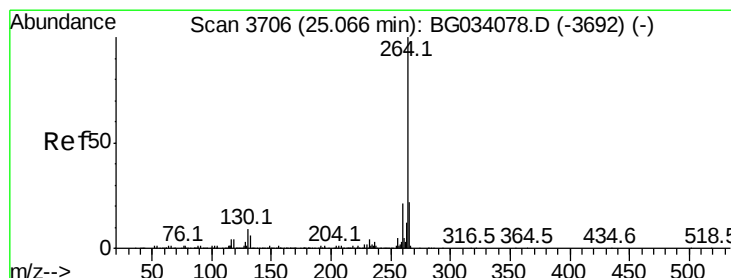
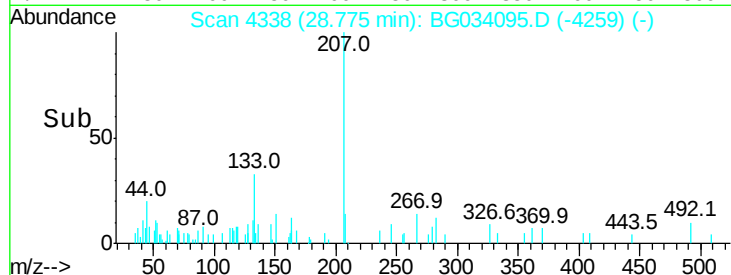
150

100

50

0

28.76 28.77 28.78 28.79



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.05 min Scan# 3704

Delta R.T. -0.02 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

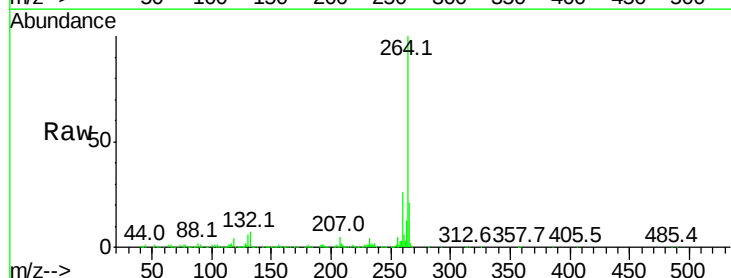
Tgt Ion:264 Resp: 734164

Ion Ratio Lower Upper

264 100

260 25.6 17.4 26.0

265 21.0 17.7 26.5



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

25.05

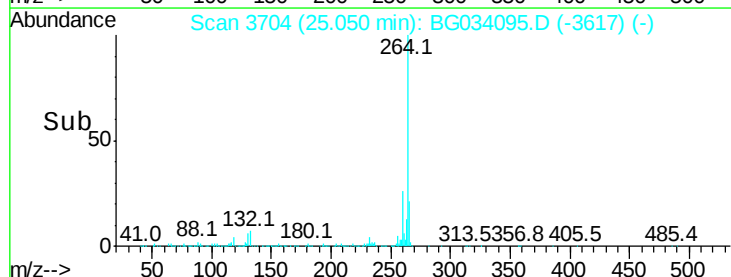
300000

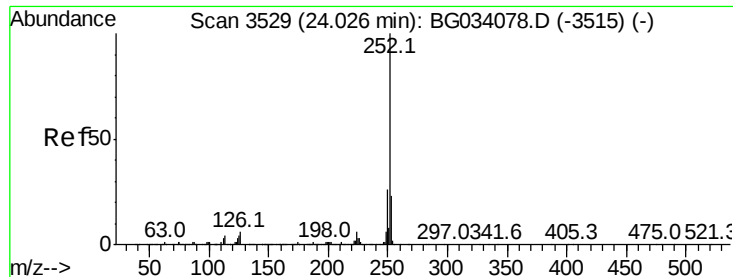
200000

100000

0

24.90 25.00 25.10





#87

Benzo(b)fluoranthene

Concen: 0.001 ng

RT: 23.99 min Scan# 3523

Delta R.T. -0.04 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

PB108327BL

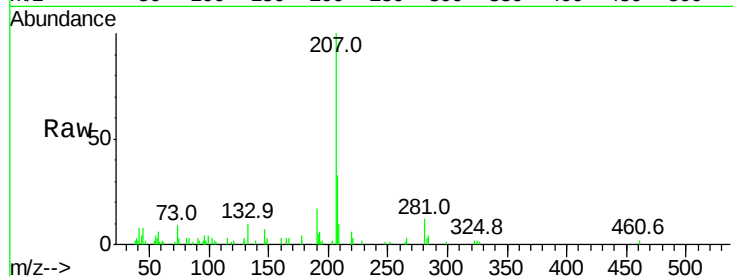
Tot Ion:252 Resp: 54

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.4#

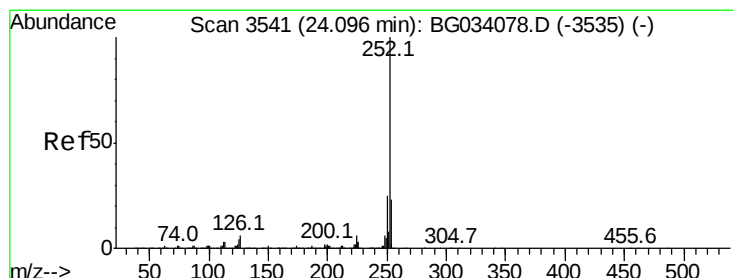
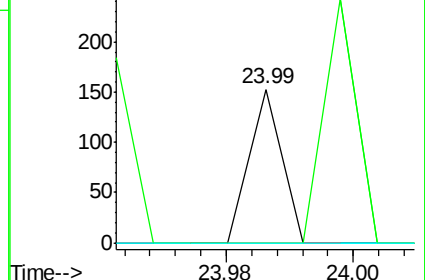
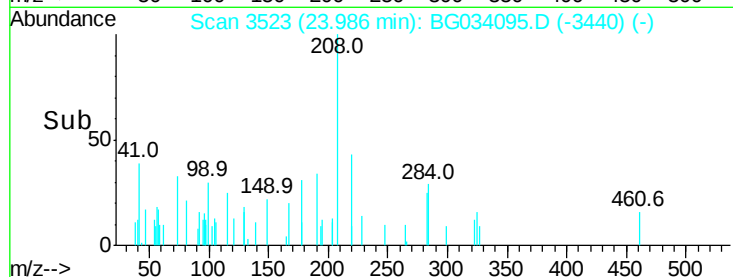
125 0.0 7.2 10.8#



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



#88

Benzo(k)fluoranthene

Concen: 0.002 ng

RT: 24.12 min Scan# 3545

Delta R.T. 0.02 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

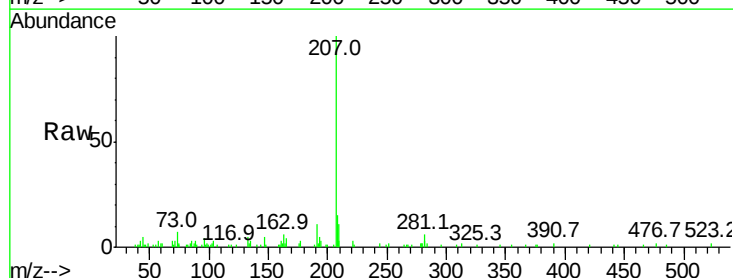
Tgt Ion:252 Resp: 103

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

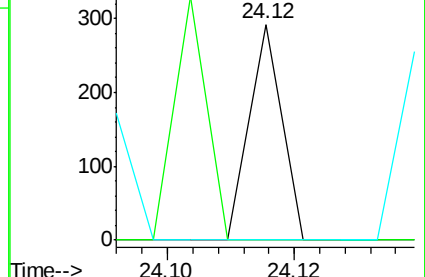
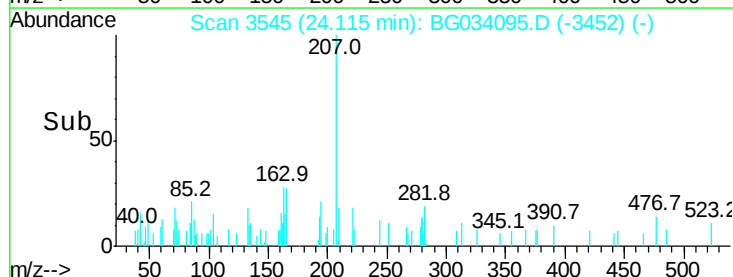
125 0.0 6.6 9.8#

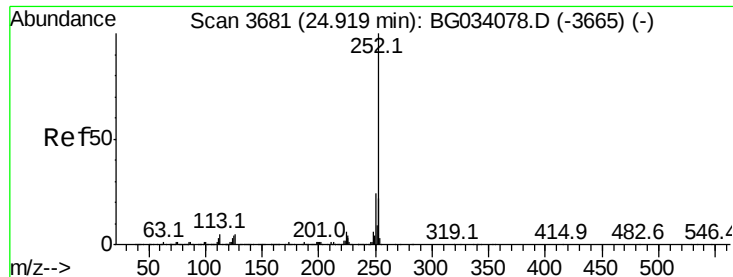


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.005 ng

RT: 24.89 min Scan# 3677

Delta R.T. -0.03 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampled :

PB108327BL

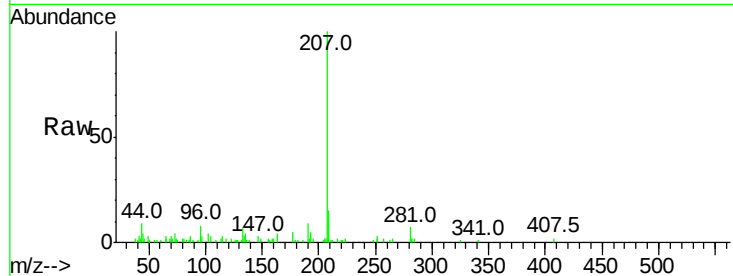
Tot Ion:252 Resp: 238

Ion Ratio Lower Upper

252 100

253 0.0 18.3 27.5#

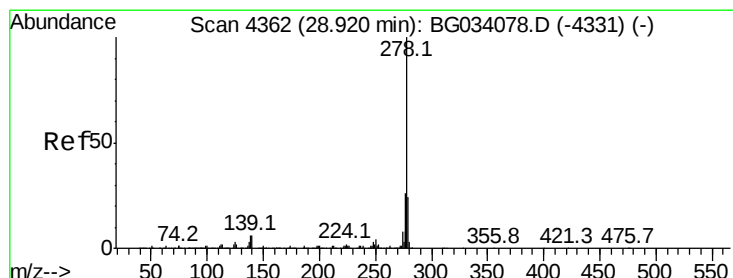
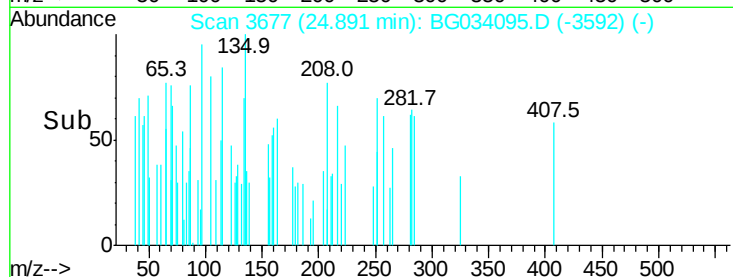
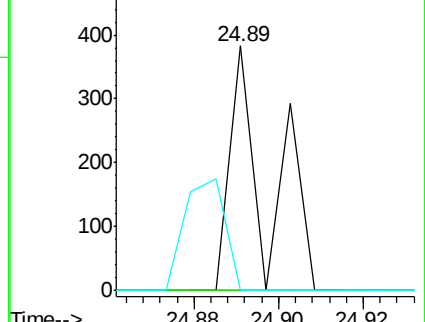
125 0.0 7.3 10.9#



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: 0.003 ng

RT: 28.90 min Scan# 4359

Delta R.T. -0.02 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

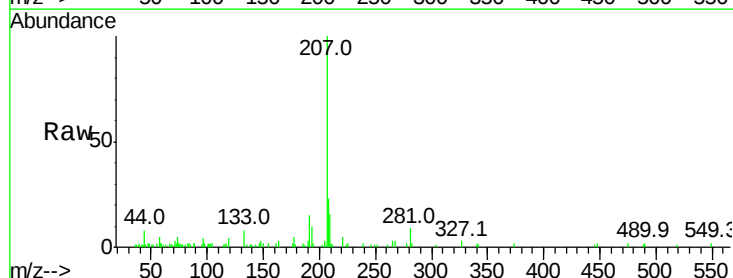
Tgt Ion:278 Resp: 103

Ion Ratio Lower Upper

278 100

139 0.0 9.8 14.6#

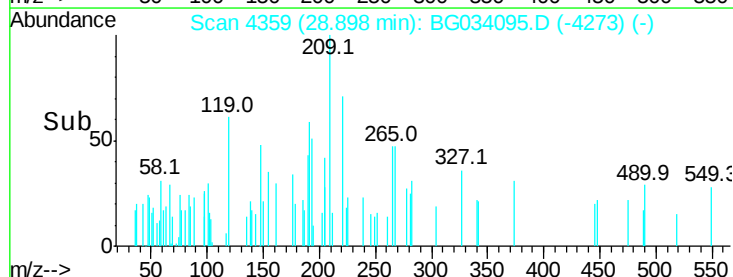
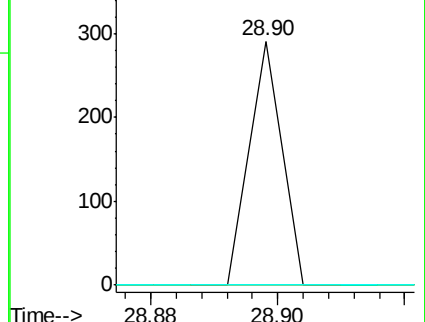
279 0.0 18.4 27.6#

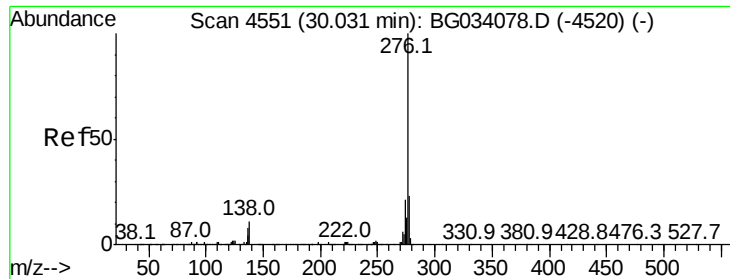


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 0.003 ng

RT: 30.01 min Scan# 4549

Delta R.T. -0.02 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

PB108327BL

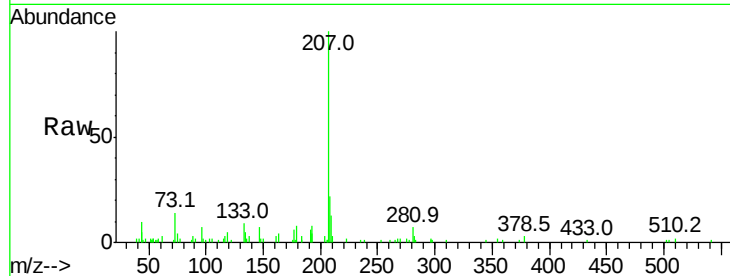
Tot Ion:276 Resp: 122

Ion Ratio Lower Upper

276 100

277 64.2 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

