

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034095.D
 Acq On : 2 May 2018 1:35
 Operator : SJ/JU
 Sample : PB108327
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 02 03:38:41 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	R.T.	QIon	Response	Conc	Units	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
9) Benzaldehyde	7.22	77	1527	Below Cal		# 5
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
19) n-Nitroso-di-n-propylamine	9.24	70	93174	14.573	ng	# 78
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
32) Benzoic acid	10.21	122	55	3.133	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

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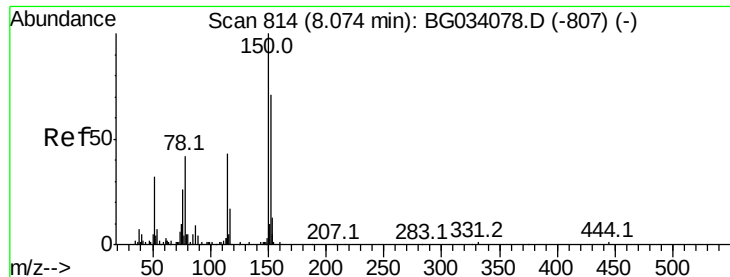
Instrument :
 BNA_G
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Quant Time: May 02 03:38:41 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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
46) 2-Chloronaphthalene	13.55	162	78	0.006	ng	# 39
47) 2-Nitroaniline	13.85	65	204	0.039	ng	# 9
48) Acenaphthylene	14.47	152	198	0.010	ng	# 63
49) Dimethylphthalate	14.18	163	144	0.008	ng	# 77
50) 2,6-Dinitrotoluene	14.71	165	30175	8.231	ng	# 23
51) Acenaphthene	14.77	154	69	0.005	ng	# 54
52) 3-Nitroaniline	14.57	138	171	0.046	ng	# 1
53) 2,4-Dinitrophenol	14.79	184	133	0.093	ng	# 1
54) Dibenzofuran	15.17	168	96	0.005	ng	# 46
55) 4-Nitrophenol	14.81	139	82	0.029	ng	# 1
56) 2,4-Dinitrotoluene	14.71	165	30175	6.062	ng	# 21
57) Fluorene	16.20	166	8442	0.473	ng	# 94
58) 2,3,4,6-Tetrachlorophenol	15.32	232	57	0.010	ng	# 1
59) Diethylphthalate	15.50	149	70	0.003	ng	# 58
60) 4-Chlorophenyl-phenylether	15.77	204	73	0.007	ng	# 4
61) 4-Nitroaniline	15.77	138	69	0.018	ng	# 12
62) Azobenzene	16.08	77	110	0.005	ng	# 48
64) 4,6-Dinitro-2-methylphenol	15.84	198	139	0.046	ng	# 29
65) n-Nitrosodiphenylamine	16.21	169	12909	0.736	ng	# 38
66) 4-Bromophenyl-phenylether	16.20	248	24922	3.121	ng	# 1
67) Hexachlorobenzene	16.78	284	66	0.008	ng	# 24
68) Atrazine	16.98	200	79	0.925	ng	# 35
69) Pentachlorophenol	17.10	266	108	0.019	ng	# 19
70) Phenanthrene	17.52	178	125	0.004	ng	# 1
71) Anthracene	17.59	178	92	0.003	ng	# 59
72) Carbazole	17.86	167	87	0.003	ng	# 59
73) Di-n-butylphthalate	18.44	149	274	0.007	ng	# 78
74) Fluoranthene	19.55	202	59	0.001	ng	65
76) Benzidine	19.69	184	7423	0.377	ng	# 85
77) Pyrene	20.09	202	13808	0.289	ng	# 78
79) Butylbenzylphthalate	20.78	149	368	0.020	ng	# 38
80) Benzo(a)anthracene	21.77	228	2454	0.050	ng	# 52
81) 3,3'-Dichlorobenzidine	21.65	252	212	0.011	ng	# 26
82) Chrysene	21.77	228	2454	0.052	ng	# 48
83) Bis(2-ethylhexyl)phthalate	21.68	149	237	0.009	ng	# 50
84) Di-n-octyl phthalate	22.91	149	706	0.017	ng	# 1
85) Indeno(1,2,3-cd)pyrene	28.77	276	55	0.001	ng	# 1
87) Benzo(b)fluoranthene	23.99	252	54	0.001	ng	# 59
88) Benzo(k)fluoranthene	24.12	252	103	0.002	ng	# 60
89) Benzo(a)pyrene	24.89	252	238	0.005	ng	# 59
90) Dibenzo(a,h)anthracene	28.90	278	103	0.003	ng	# 58
91) Benzo(g,h,i)perylene	30.01	276	122	0.003	ng	# 34

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



#1

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 :

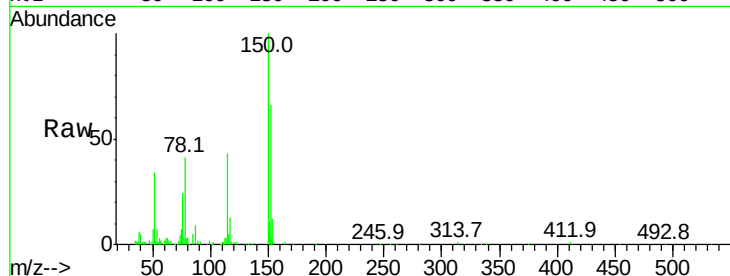
Tot Ion:152 Resp: 73887

Ion Ratio Lower Upper

152 100

150 152.3 126.6 189.8

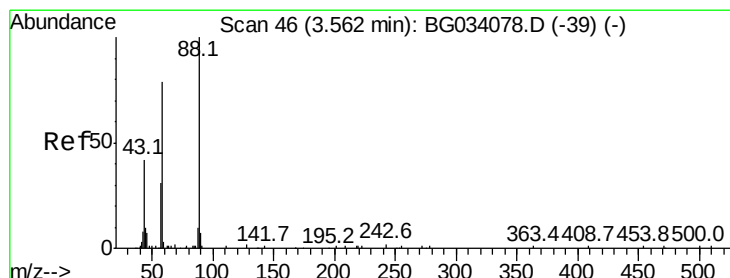
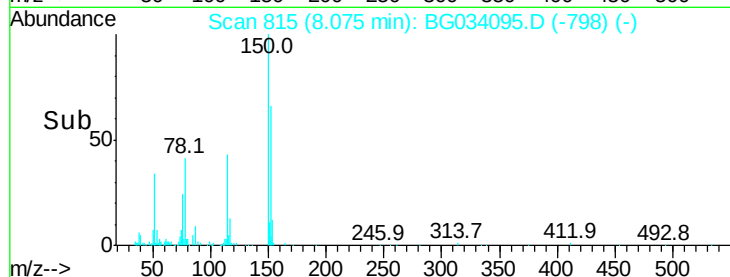
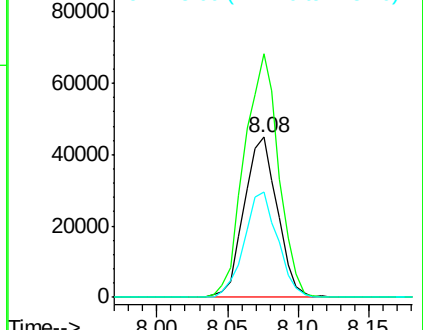
115 65.5 53.0 79.4



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



#2

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

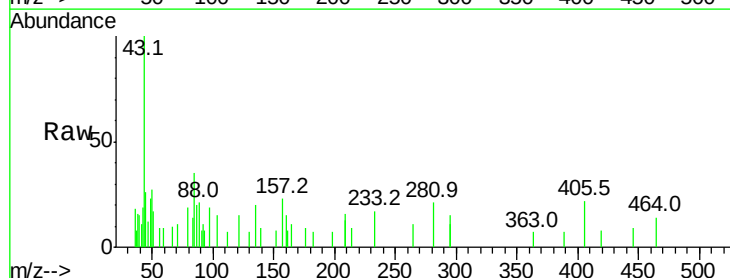
Tgt Ion: 88 Resp: 286

Ion Ratio Lower Upper

88 100

58 89.2 79.6 119.4

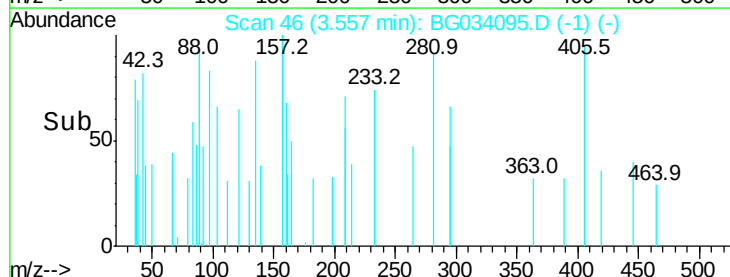
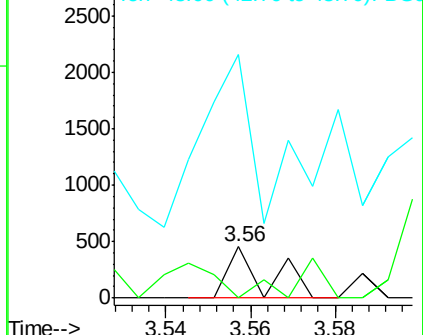
43 420.6 27.4 41.0#

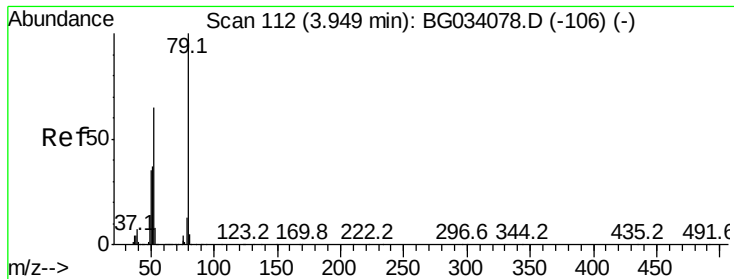


Abundance Ion 88.00 (87.70 to 88.70): BGC

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 :

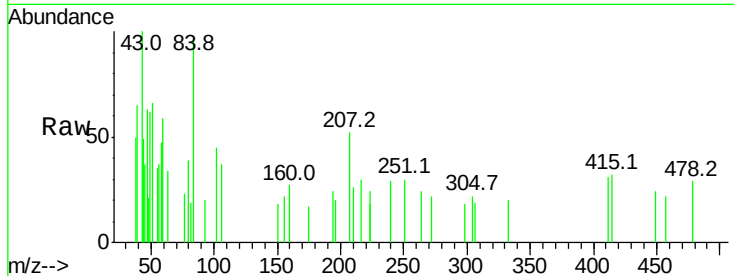
Tot Ion: 79 Resp: 118

Ion Ratio Lower Upper

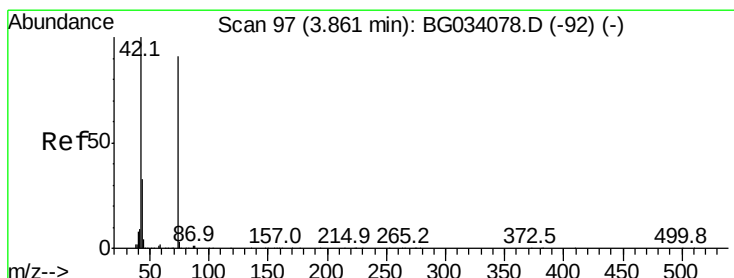
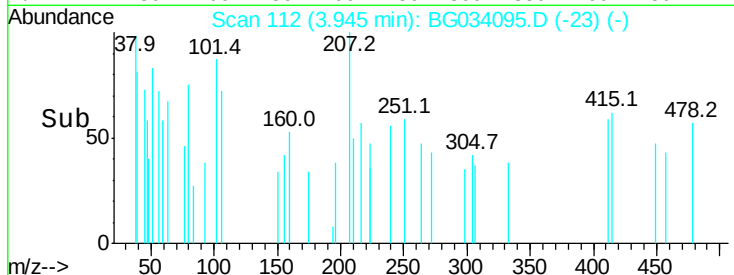
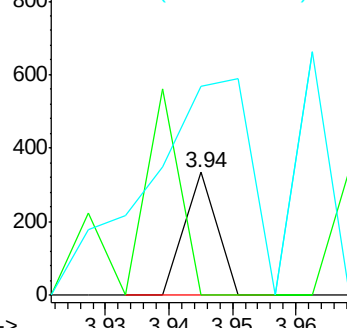
79 100

52 0.0 69.9 104.9#

51 170.4 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#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

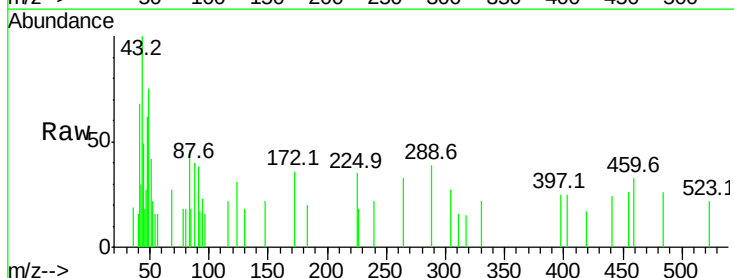
Tgt Ion: 42 Resp: 282

Ion Ratio Lower Upper

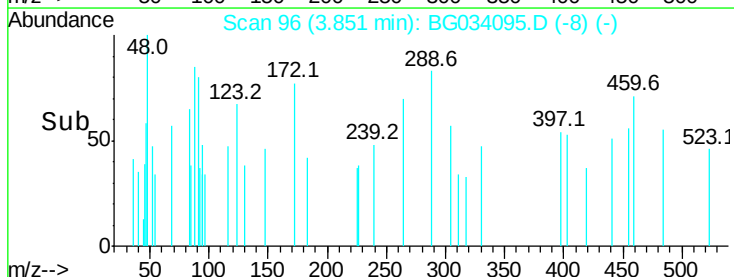
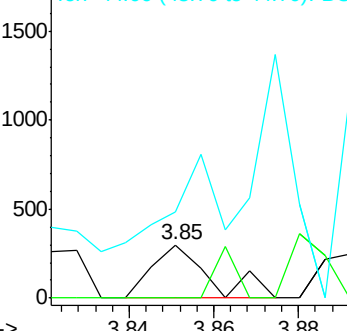
42 100

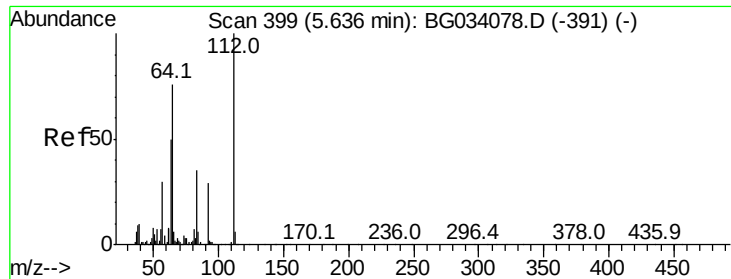
74 0.0 102.5 153.7#

44 161.7 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#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 :

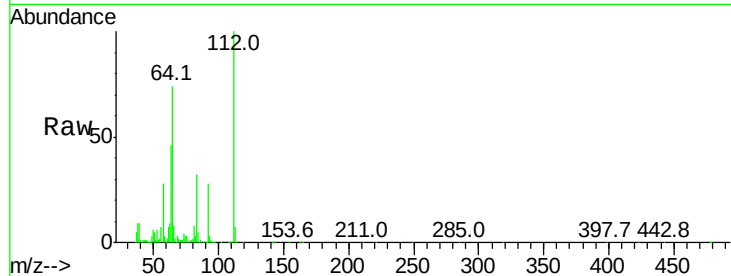
Tot Ion:112 Resp: 404072

Ion Ratio Lower Upper

112 100

64 73.6 56.3 84.5

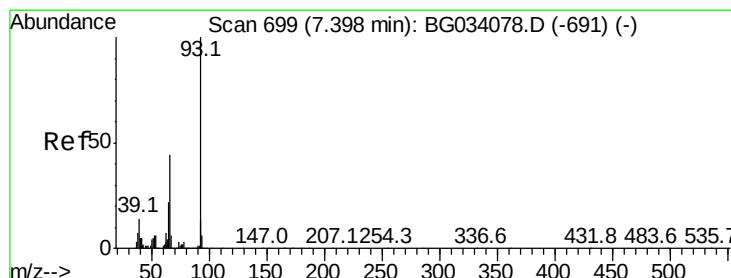
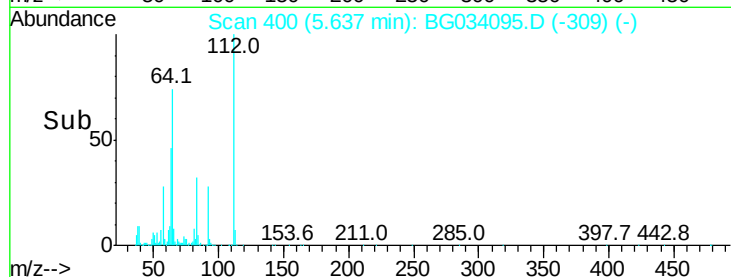
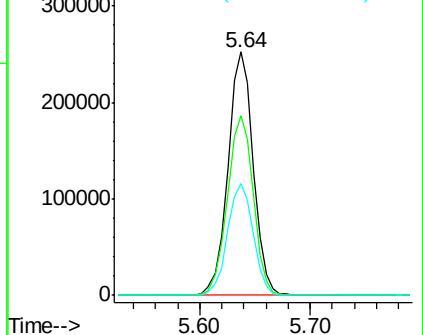
63 45.8 30.1 45.1#



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

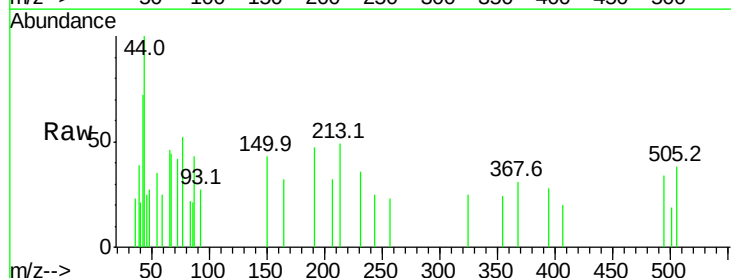
Tgt Ion: 93 Resp: 217

Ion Ratio Lower Upper

93 100

66 167.3 33.7 50.5#

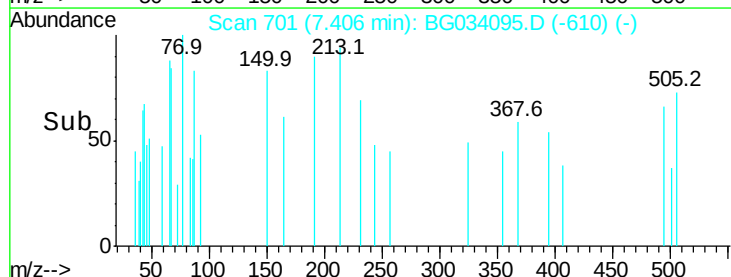
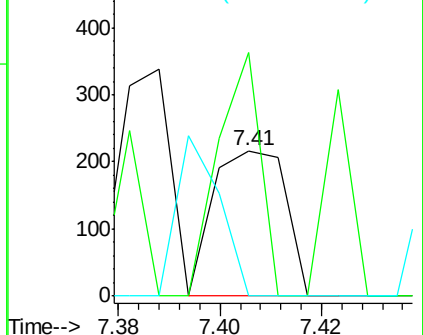
65 0.0 16.1 24.1#

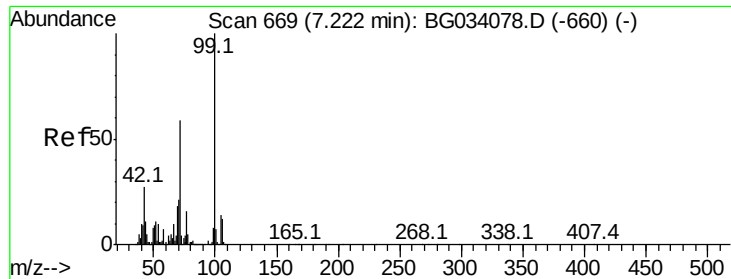


Abundance Ion 93.00 (92.70 to 93.70): BGC

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 :

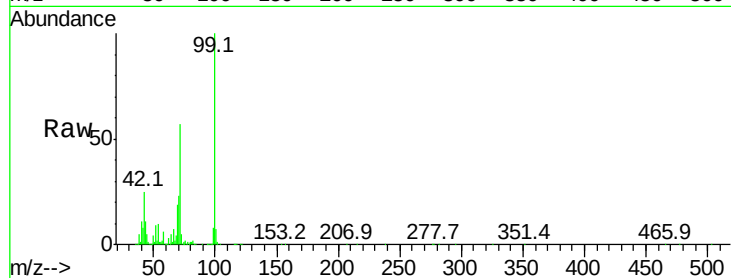
Tot Ion: 99 Resp: 597208

Ion Ratio Lower Upper

99 100

42 25.2 14.1 21.1#

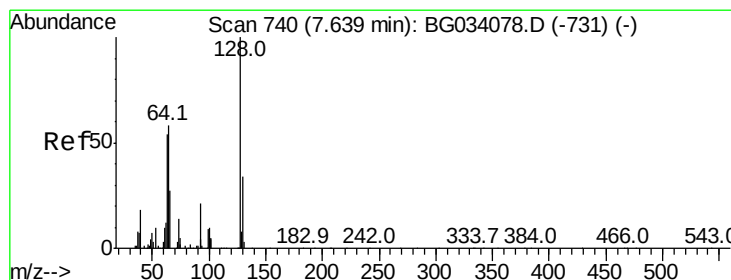
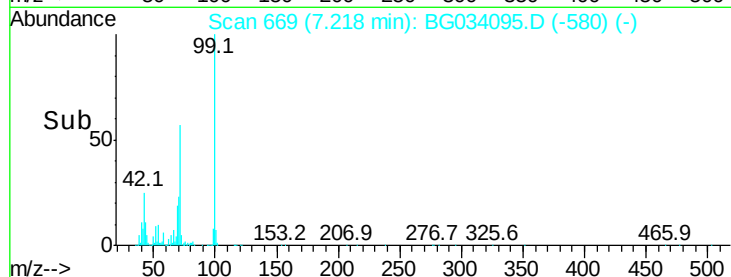
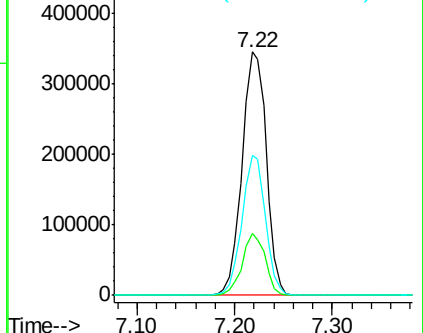
71 57.4 26.1 39.1#



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

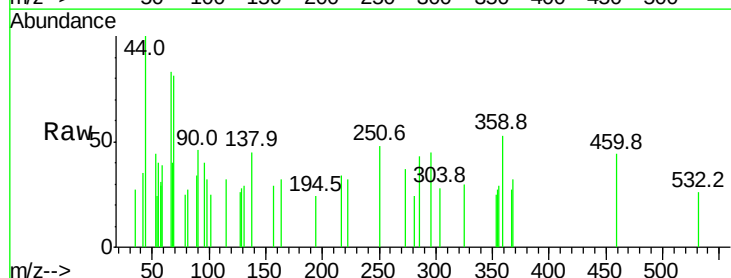
Tgt Ion: 128 Resp: 61

Ion Ratio Lower Upper

128 100

130 0.0 14.0 54.0#

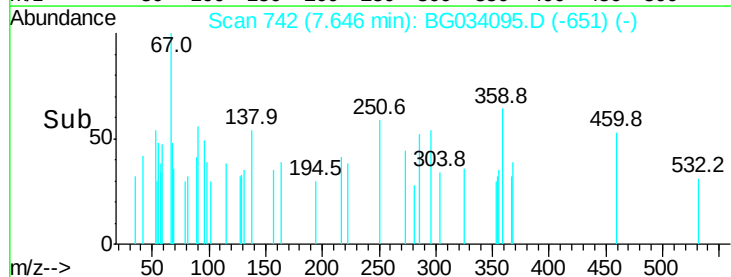
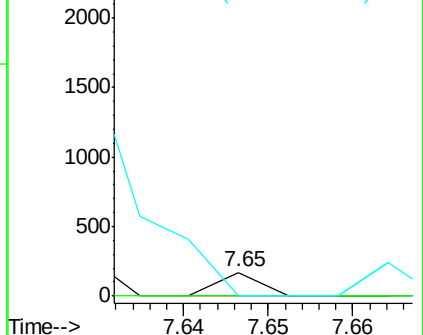
64 0.0 37.7 77.7#

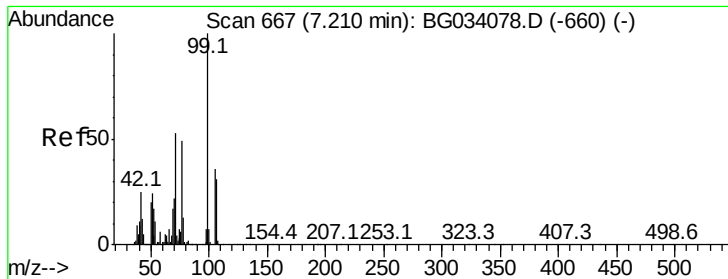


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: Below Cal

RT: 7.22 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

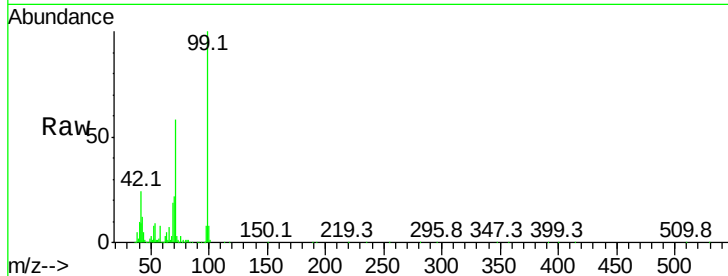
Tot Ion: 77 Resp: 1527

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

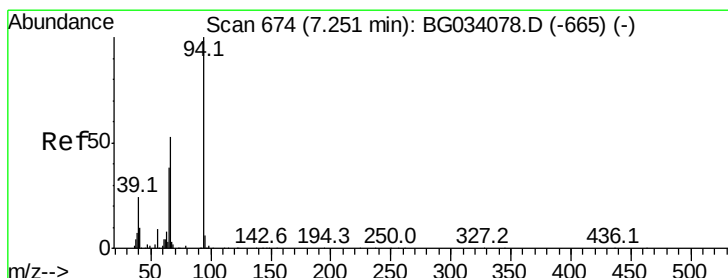
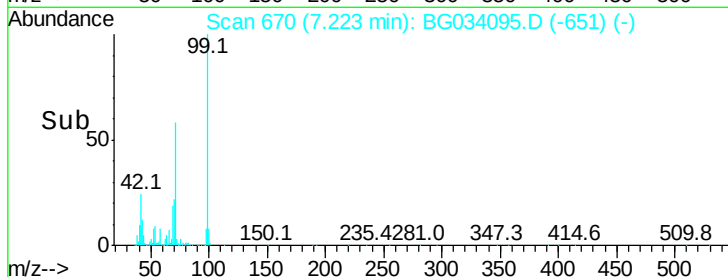
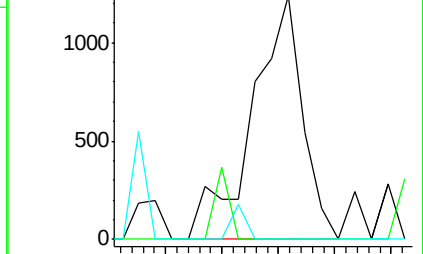
106 0.0 64.2 104.2#



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: 0.012 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

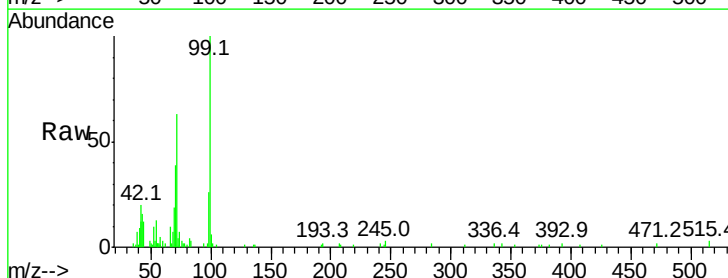
Tgt Ion: 94 Resp: 89

Ion Ratio Lower Upper

94 100

65 0.0 11.9 51.9#

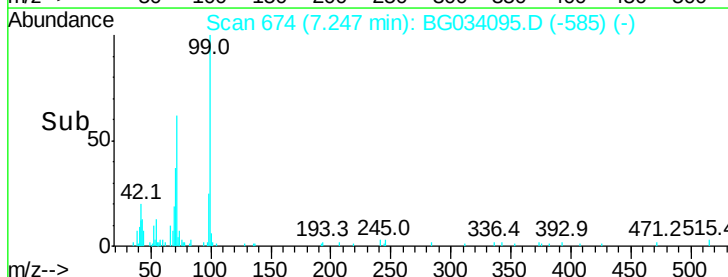
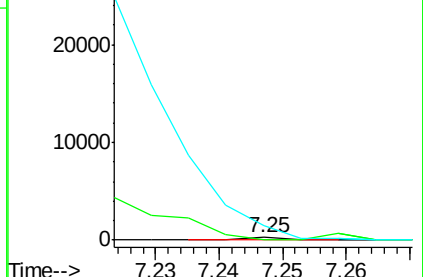
66 573.5 22.2 62.2#

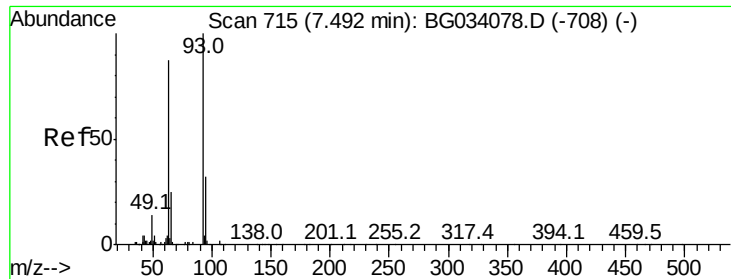


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

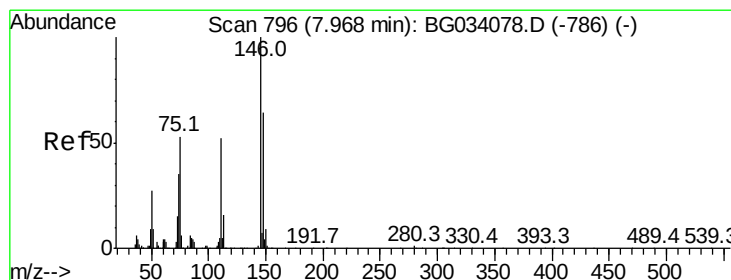
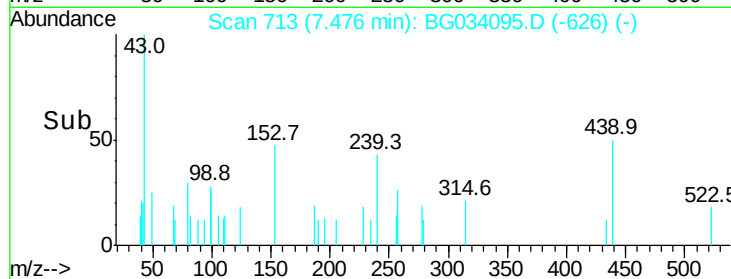
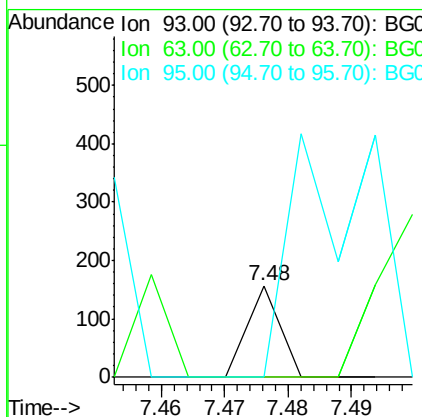
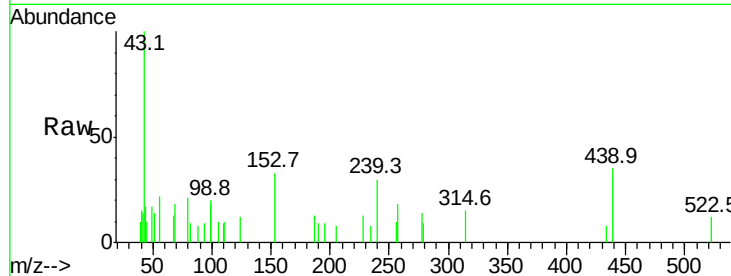




#11
bis(2-Chloroethyl)ether
Concen: 0.010 ng
RT: 7.48 min Scan# 713
Delta R.T. -0.02 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

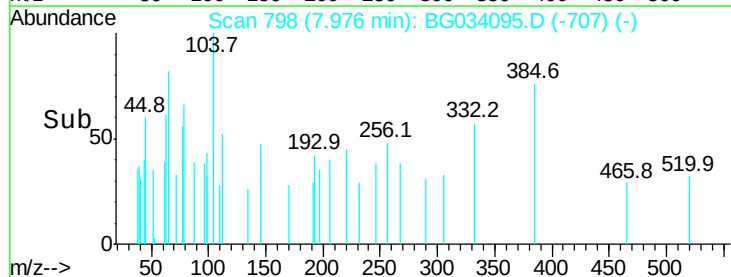
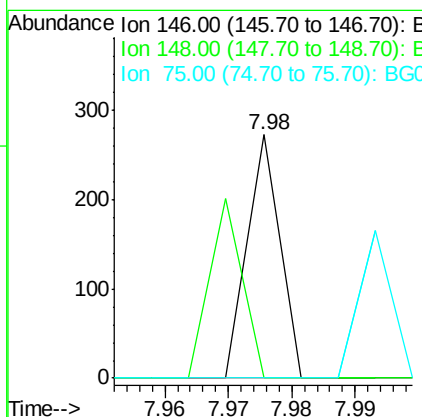
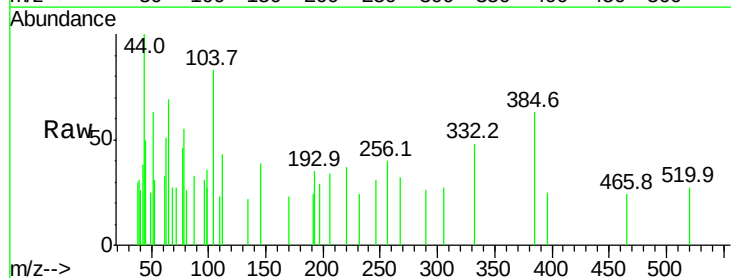
Instrument :
BNA_G
ClientSampleId :

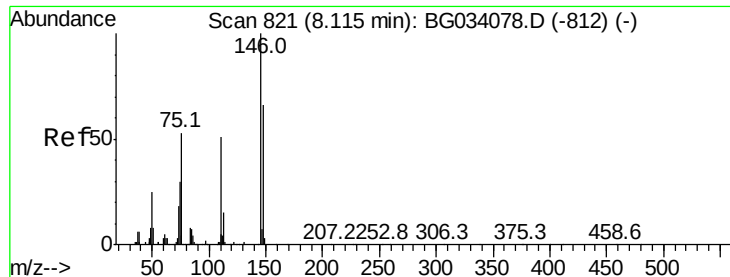
Tot Ion: 93 Resp: 55
Ion Ratio Lower Upper
93 100
63 0.0 67.1 107.1#
95 0.0 11.5 51.5#



#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

Tgt Ion: 146 Resp: 96
Ion Ratio Lower Upper
146 100
148 0.0 51.4 77.2#
75 0.0 26.6 39.8#

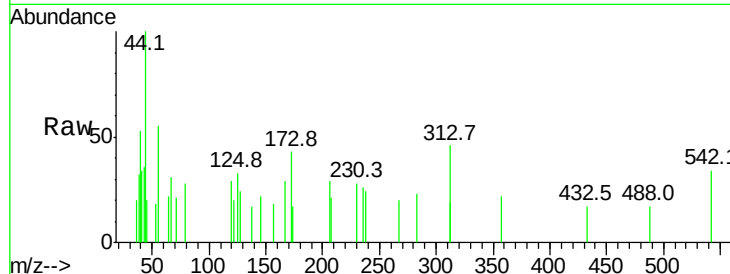




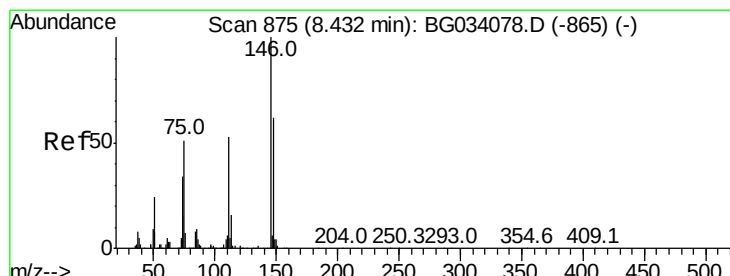
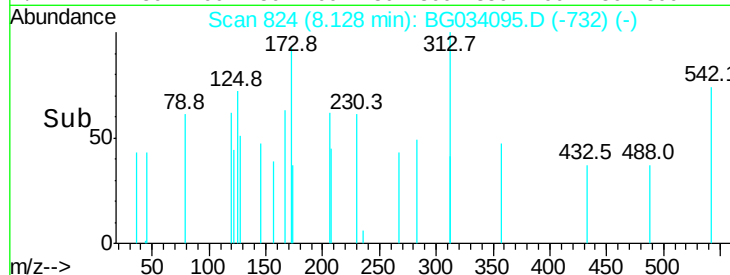
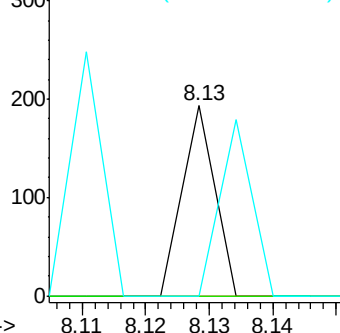
#13
1,4-Dichlorobenzene
Concen: 0.012 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.01 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:146 Resp: 68
Ion Ratio Lower Upper
146 100
148 0.0 53.7 80.5#
111 0.0 35.2 52.8#

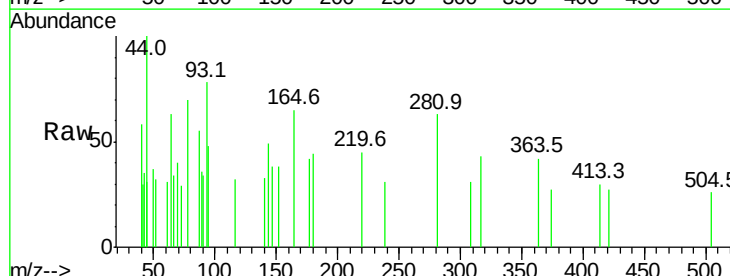


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

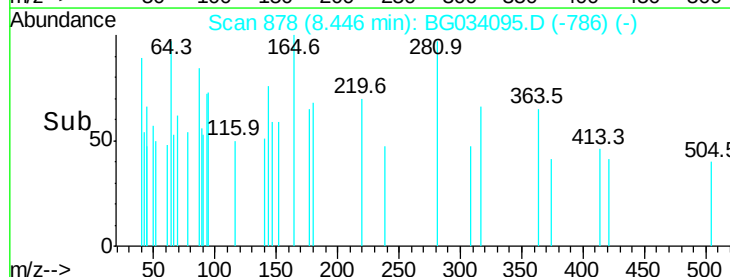
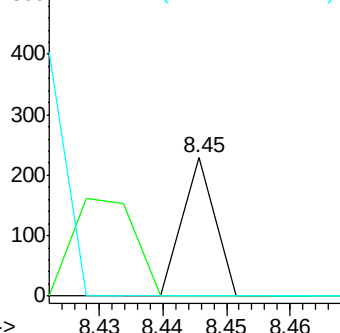


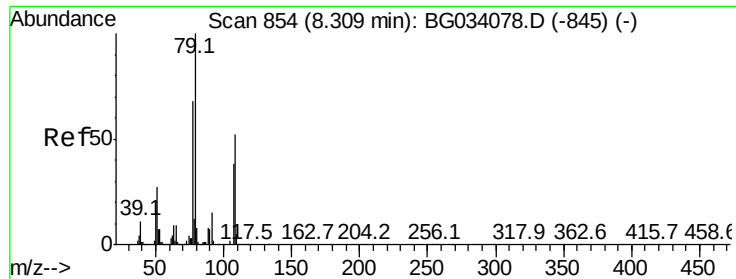
#14
1,2-Dichlorobenzene
Concen: 0.015 ng
RT: 8.45 min Scan# 878
Delta R.T. 0.01 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

Tgt 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





#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

Instrument :

BNA_G

ClientSampleId :

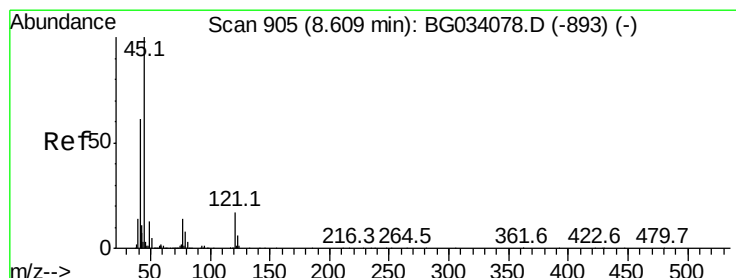
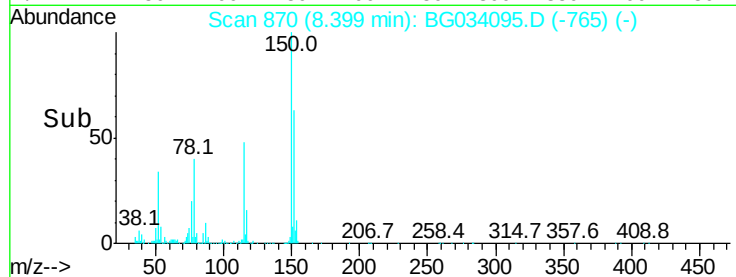
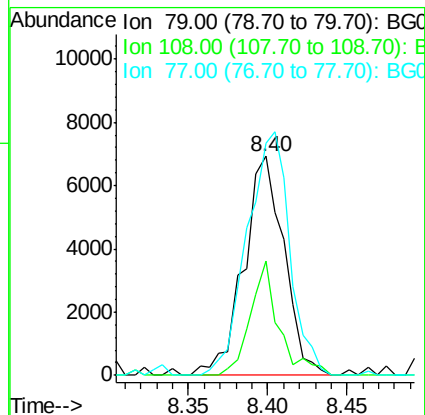
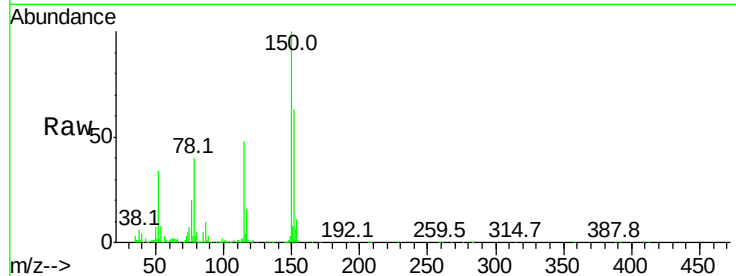
Tot Ion: 79 Resp: 12244

Ion Ratio Lower Upper

79 100

108 52.3 57.2 85.8#

77 106.3 46.1 69.1#



#16

2,2'-oxybis(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

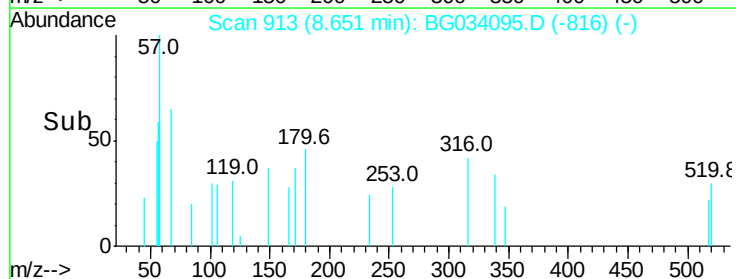
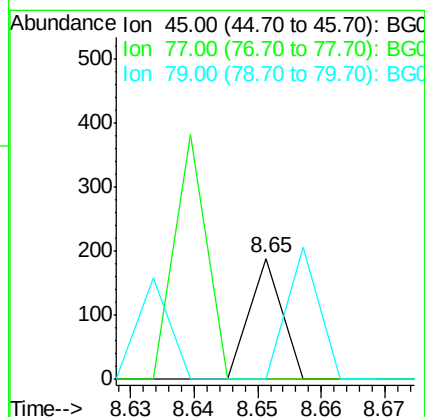
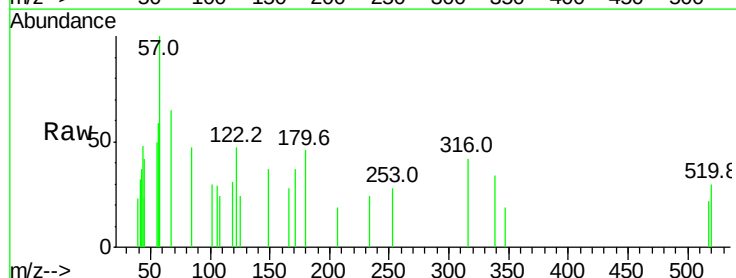
Tgt Ion: 45 Resp: 66

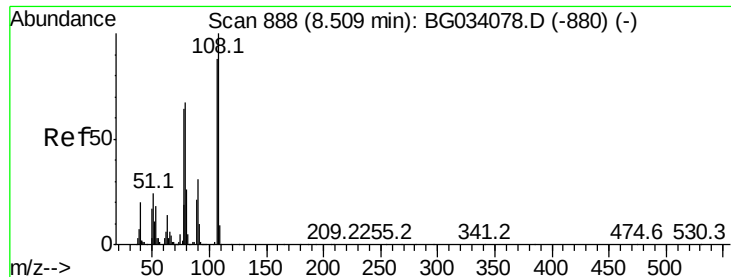
Ion Ratio Lower Upper

45 100

77 0.0 0.0 30.2

79 0.0 0.0 27.9





#17

2-Methylphenol

Concen: 0.011 ng

RT: 8.42 min Scan# 874

Delta R.T. -0.09 min

Lab File: BG034095.D

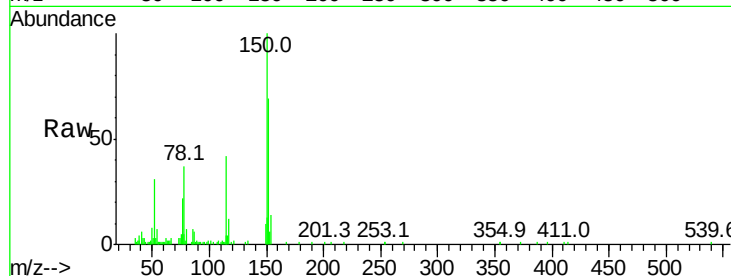
Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampled :

Tot 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#

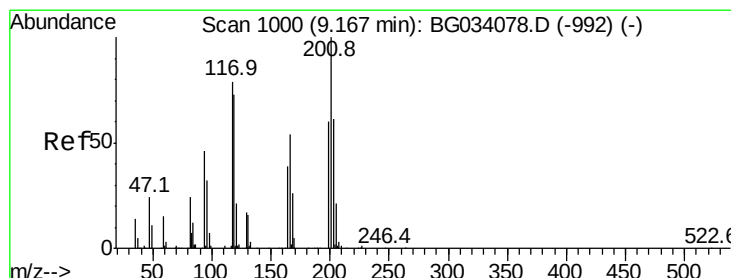
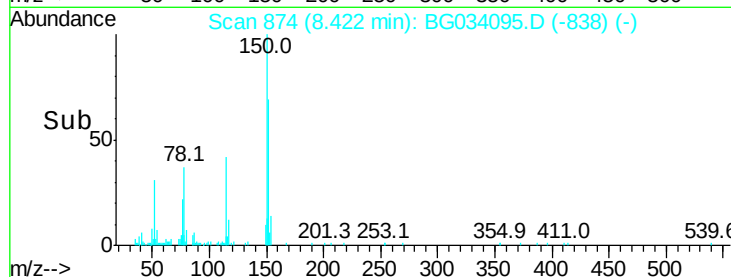
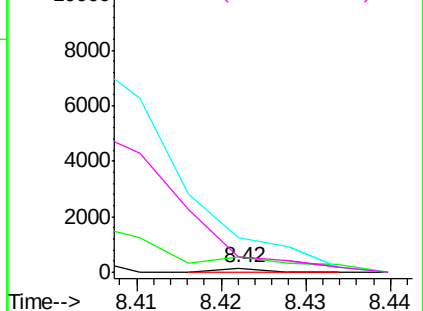


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 0.040 ng

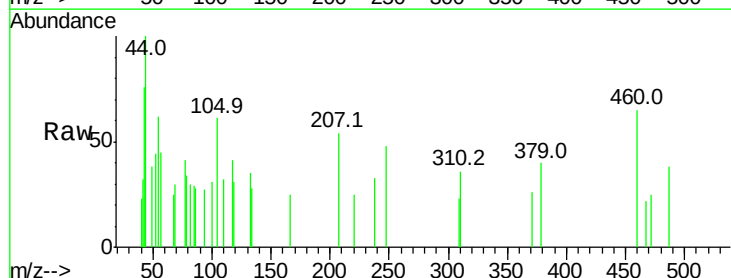
RT: 9.16 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

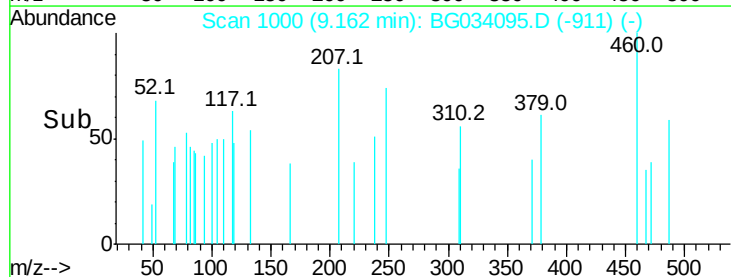
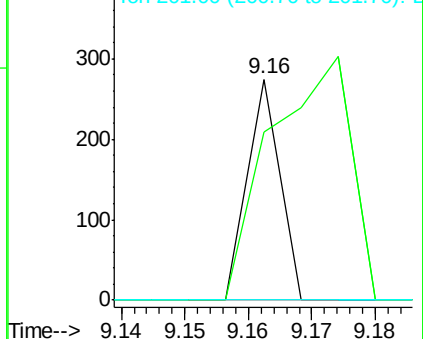
Tgt Ion:	117	Resp:	97
Ion	Ratio	Lower	Upper
117	100		
119	76.0	76.7	115.1#
201	0.0	95.7	143.5#

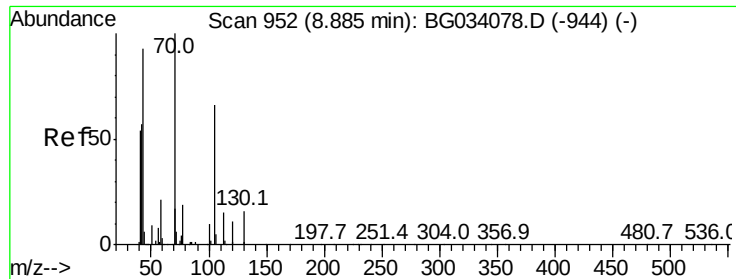


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

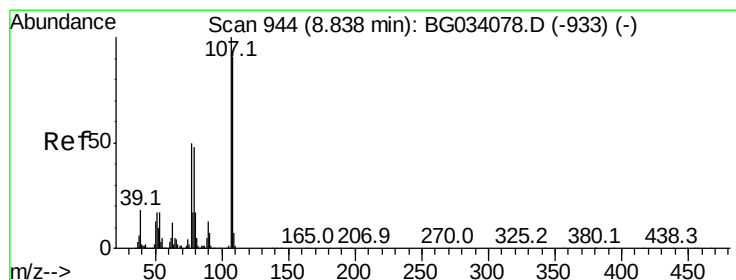
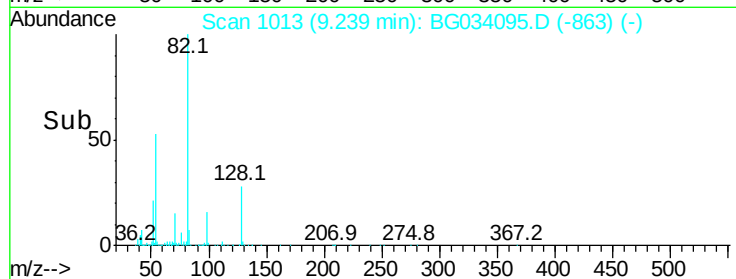
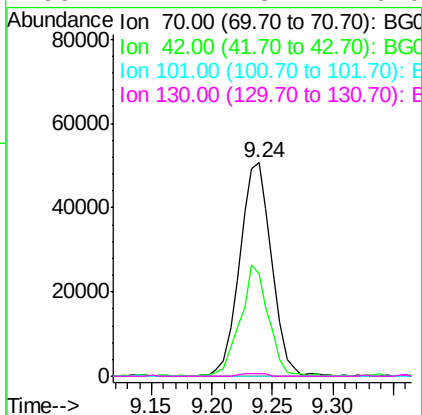
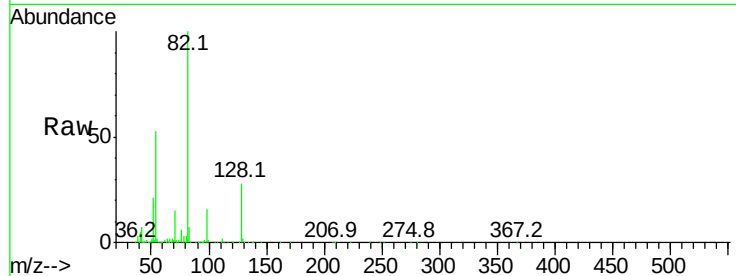




#19
n-Nitroso-di-n-propylamine
Concen: 14.573 ng
RT: 9.24 min Scan# 1013
Delta R.T. 0.35 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

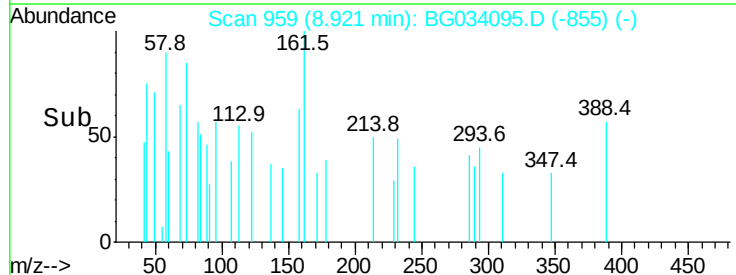
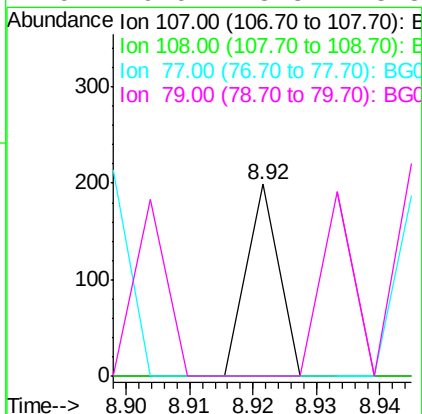
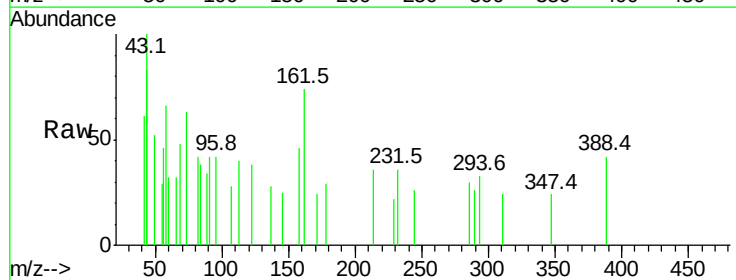
Instrument :
BNA_G
ClientSampleId :

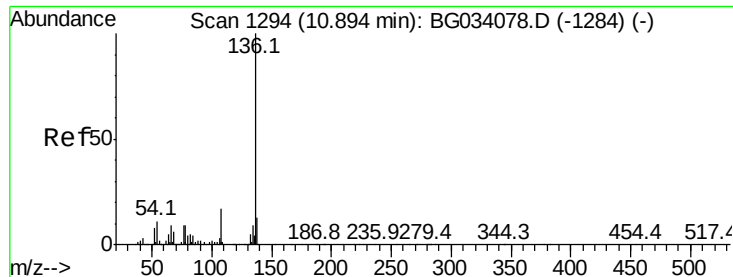
Tot Ion:	70	Resp:	93174
Ion	Ratio	Lower	Upper
70	100		
42	47.9	49.1	73.7#
101	0.0	8.5	12.7#
130	1.4	13.4	20.0#



#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#





#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 :

Tot Ion:136 Resp: 281921

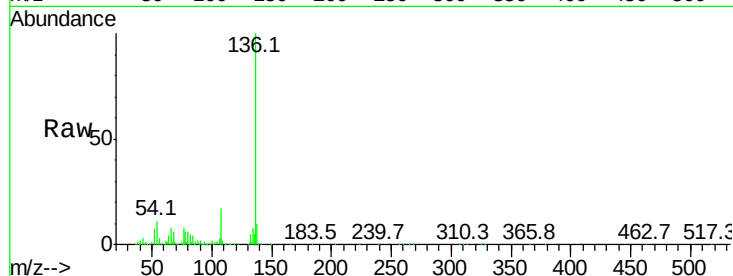
Ion Ratio Lower Upper

136 100

137 9.5 9.2 13.8

54 10.6 10.3 15.5

68 5.6 4.5 6.7

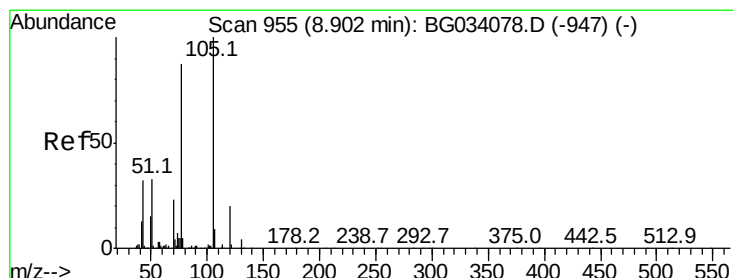
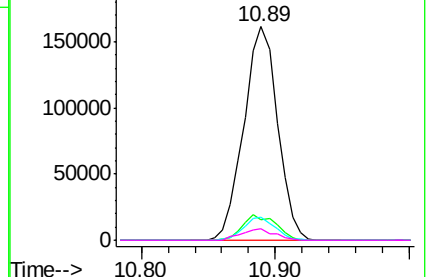
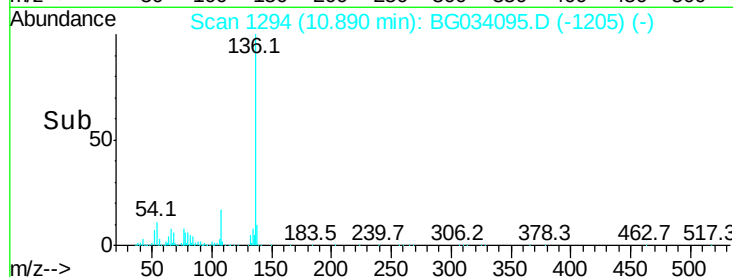


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 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

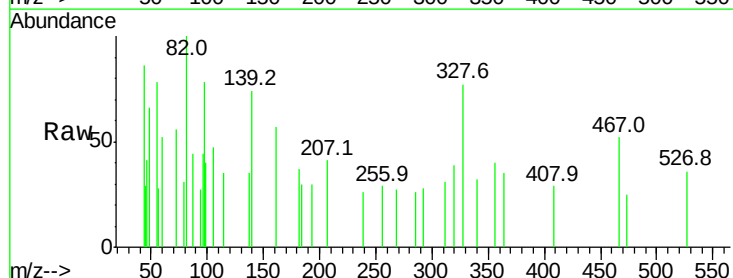
Ion Ratio Lower Upper

105 100

71 0.0 3.0 4.4#

51 0.0 26.1 39.1#

120 0.0 17.4 26.2#

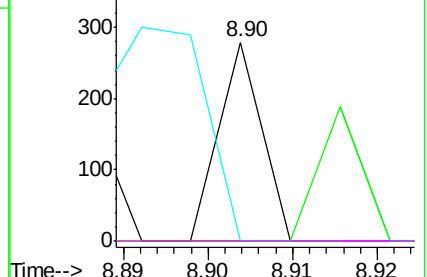
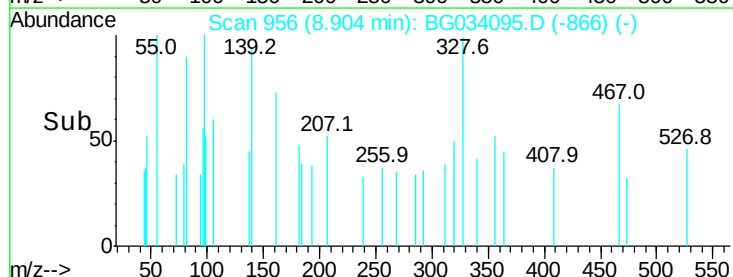


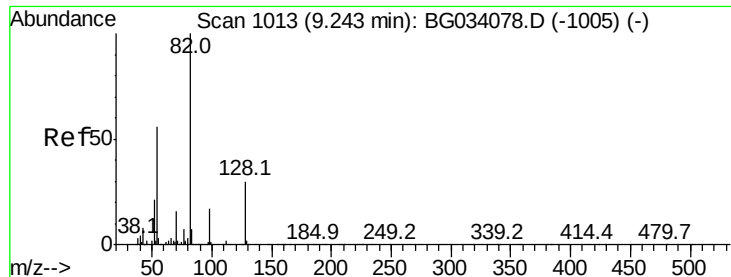
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

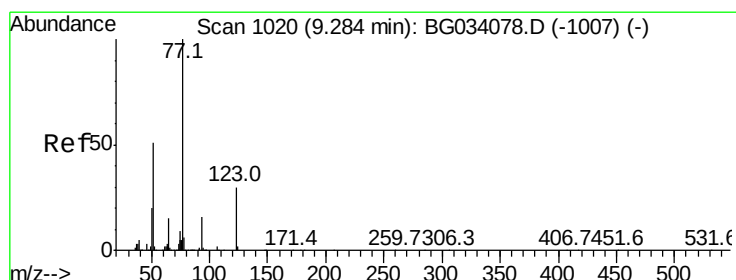
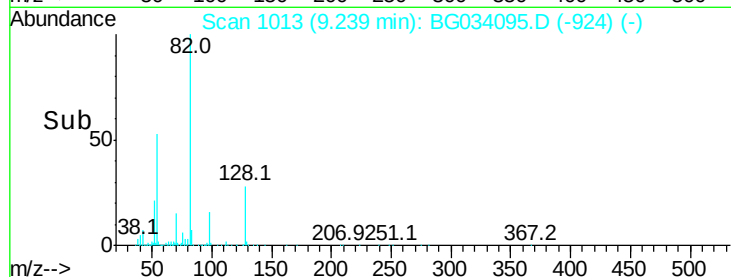
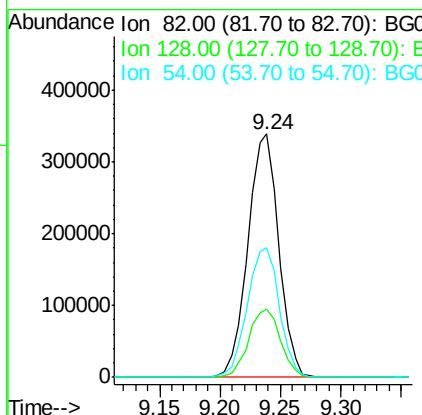
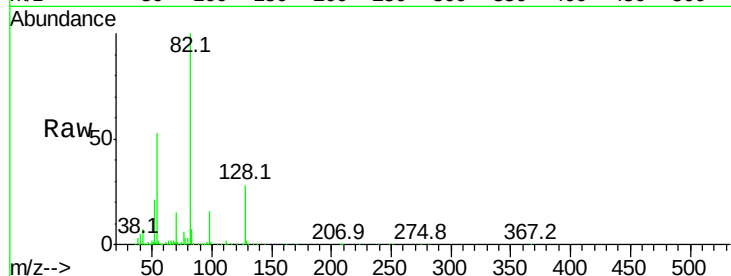




#23
 Nitrobenzene-d5
 Concen: 82.070 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BG034095.D
 Acq: 2 May 2018 1:35

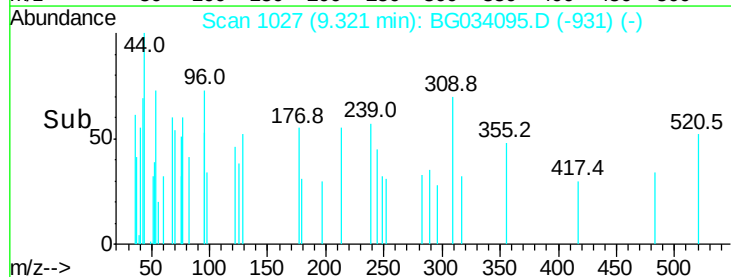
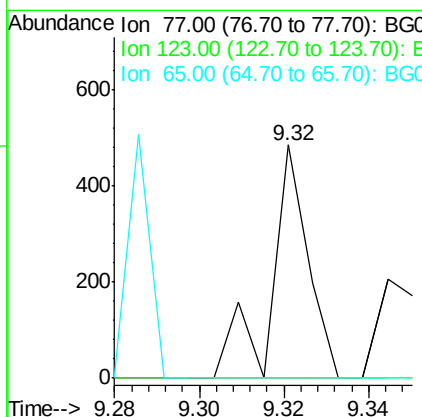
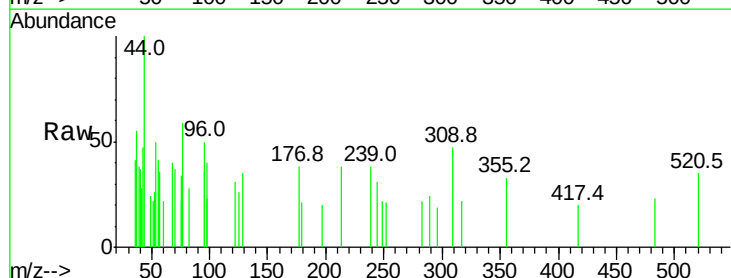
Instrument :
 BNA_G
 ClientSampleId :

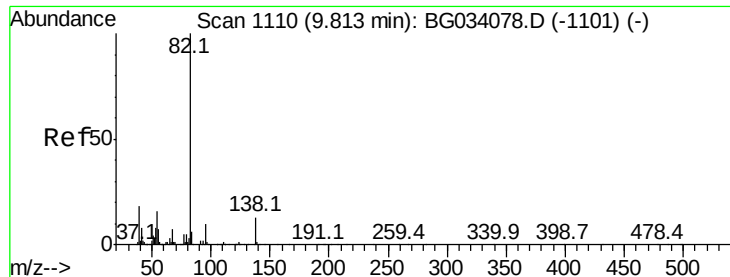
Tot Ion: 82 Resp: 603038
 Ion Ratio Lower Upper
 82 100
 128 28.1 29.7 44.5#
 54 53.3 43.1 64.7



#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

ClientSampled :

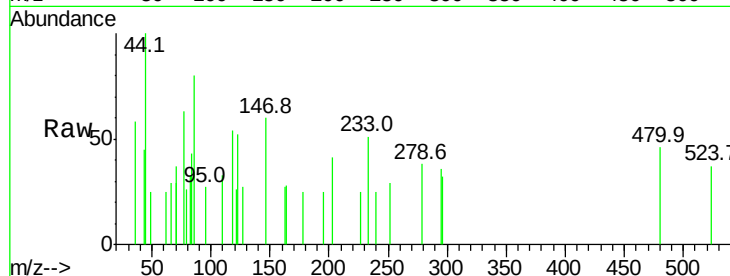
Tot Ion: 82 Resp: 143

Ion Ratio Lower Upper

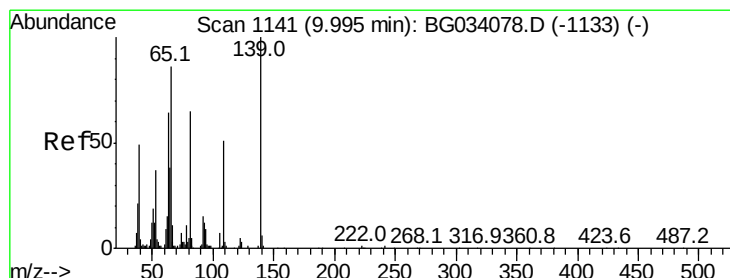
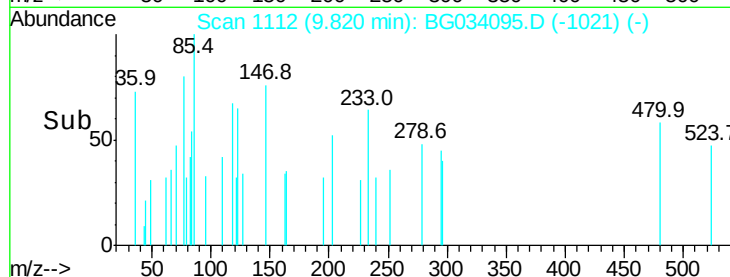
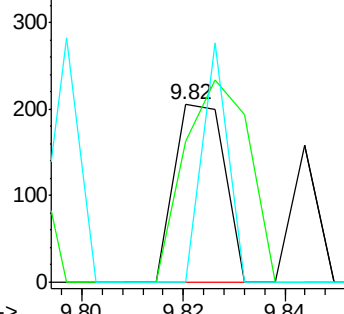
82 100

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

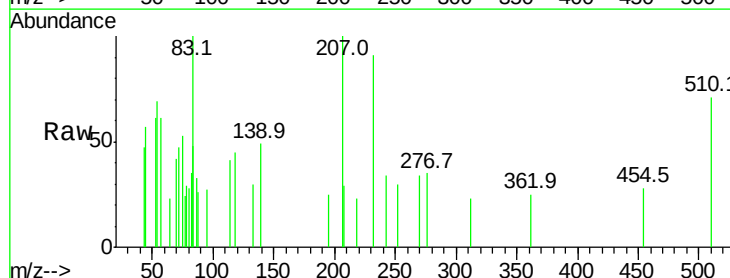
Tgt Ion: 139 Resp: 115

Ion Ratio Lower Upper

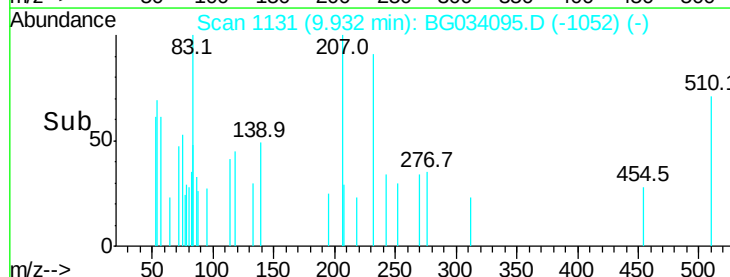
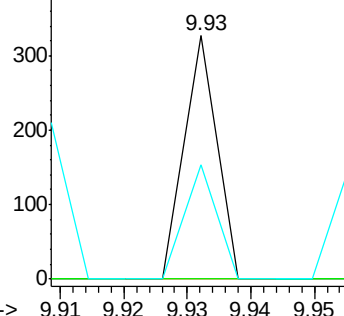
139 100

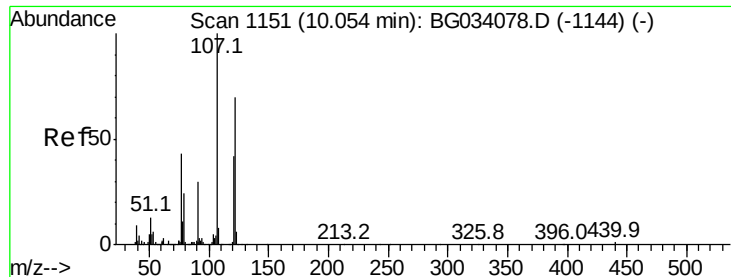
109 0.0 24.2 36.2#

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

ClientSampled :

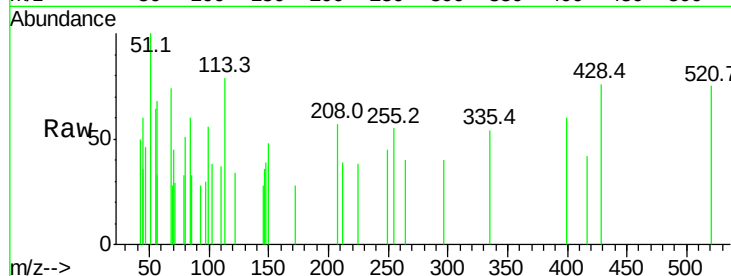
Tot Ion: 122 Resp: 65

Ion Ratio Lower Upper

122 100

107 0.0 100.2 150.2#

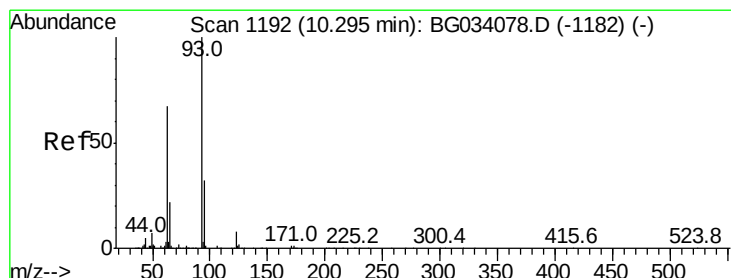
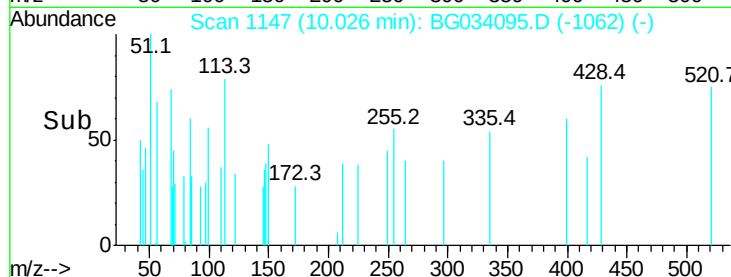
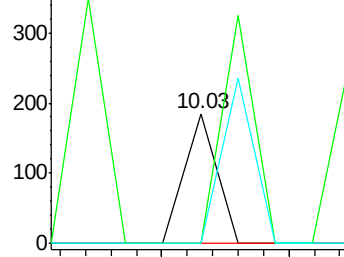
121 0.0 44.4 66.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#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

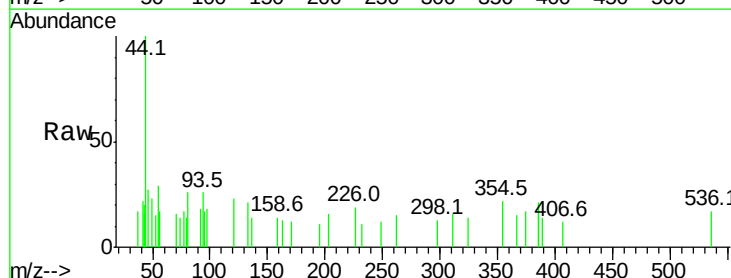
Tgt Ion: 93 Resp: 131

Ion Ratio Lower Upper

93 100

95 65.4 24.3 36.5#

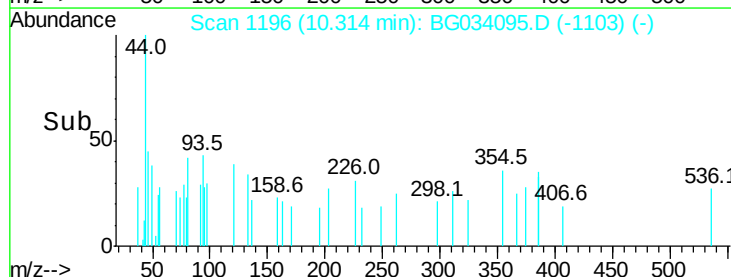
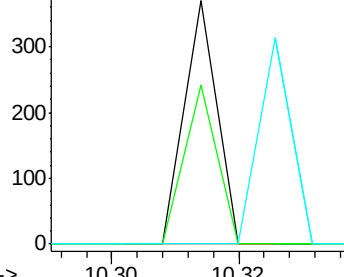
123 0.0 8.4 12.6#

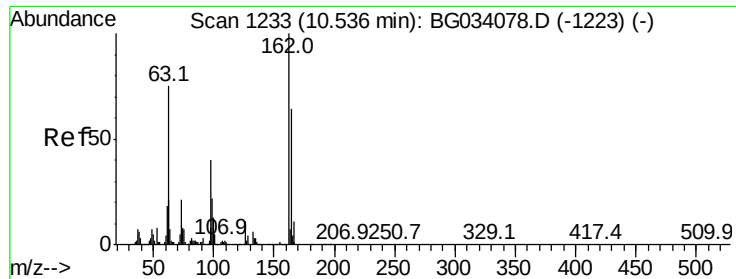


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#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 :

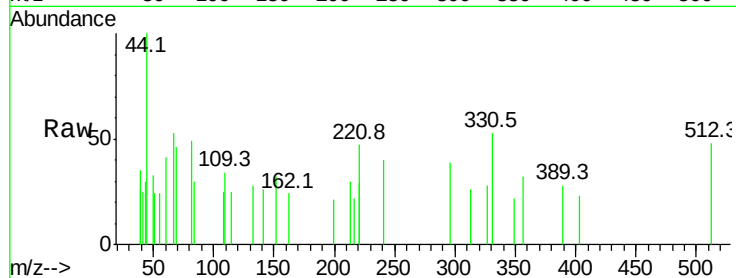
Tot Ion:162 Resp: 60

Ion Ratio Lower Upper

162 100

164 0.0 48.0 88.0#

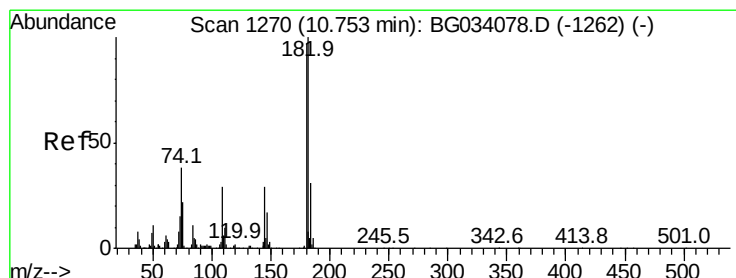
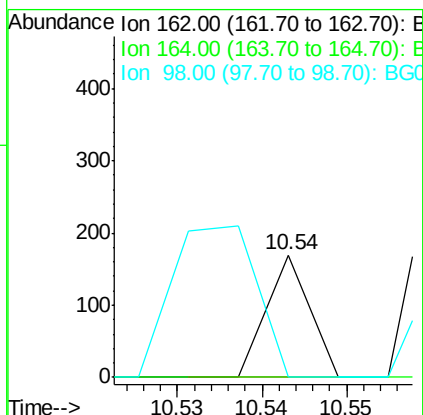
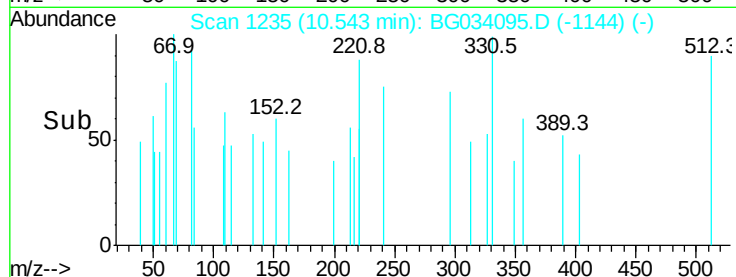
98 0.0 21.1 61.1#



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

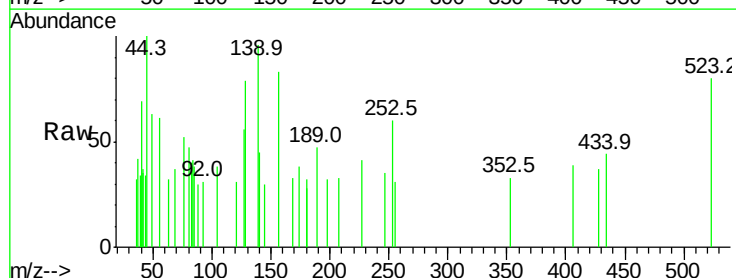
Tgt Ion:180 Resp: 115

Ion Ratio Lower Upper

180 100

182 0.0 77.5 116.3#

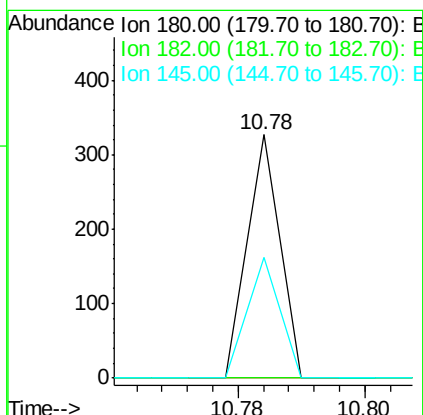
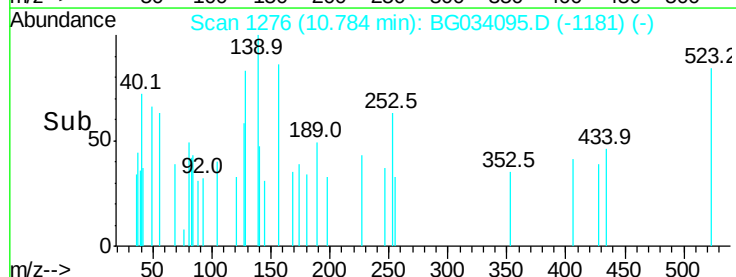
145 49.5 23.4 35.2#

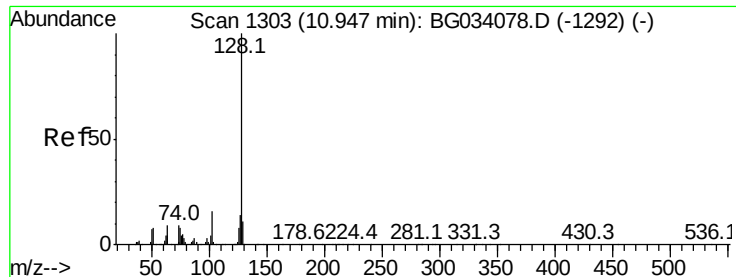


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

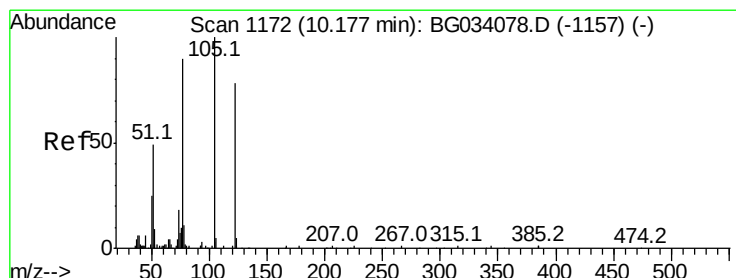
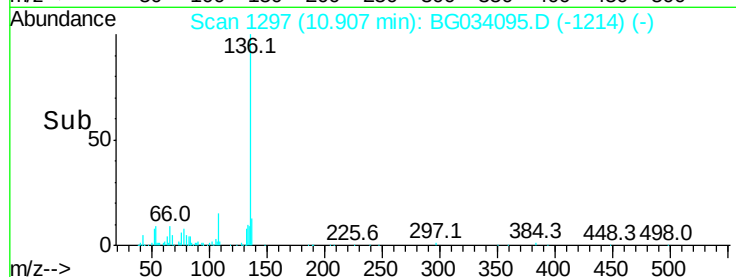
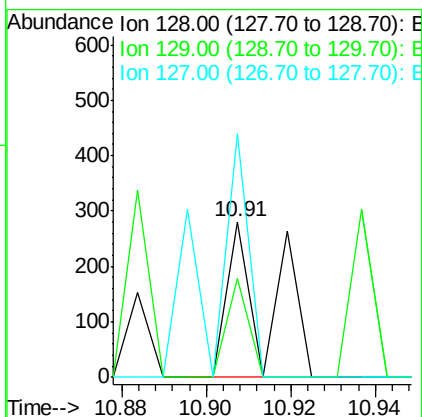
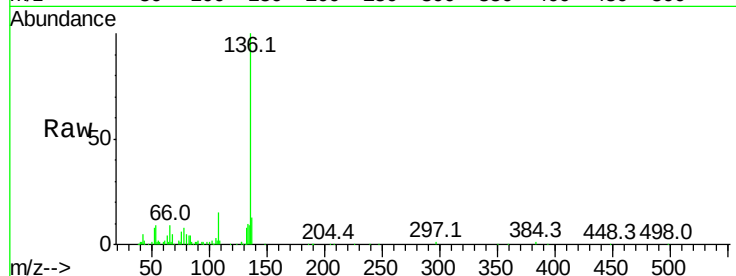




#31
Naphthalene
Concen: 0.013 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.04 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

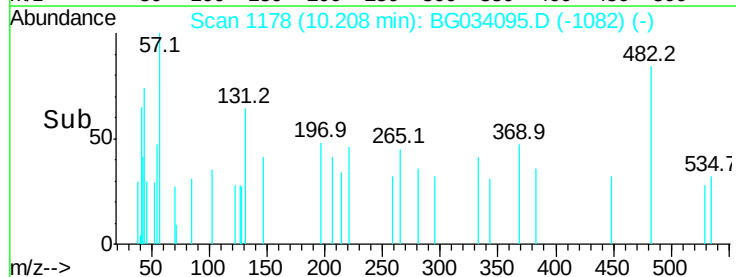
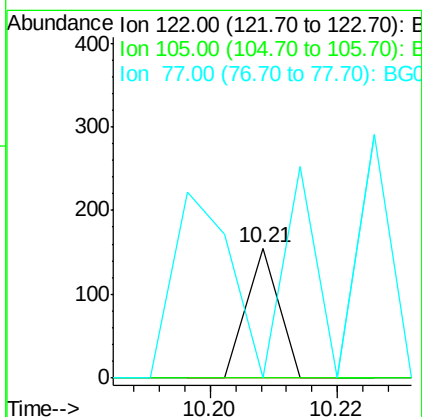
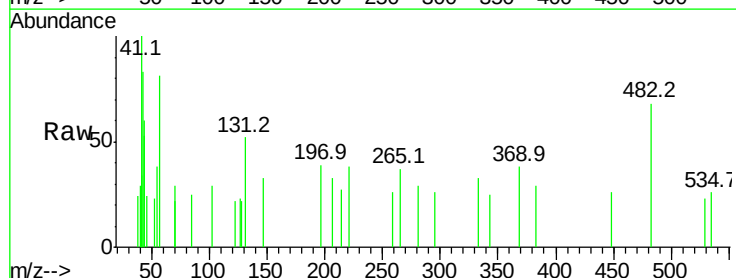
Instrument :
BNA_G
ClientSampled :

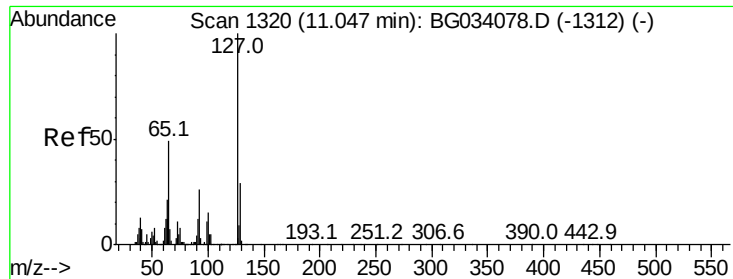
Tot Ion:128 Resp: 192
Ion Ratio Lower Upper
128 100
129 63.3 8.6 12.8#
127 156.2 11.6 17.4#



#32
Benzoic acid
Concen: 3.133 ng
RT: 10.21 min Scan# 1178
Delta R.T. 0.03 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 0.0 85.7 125.7#

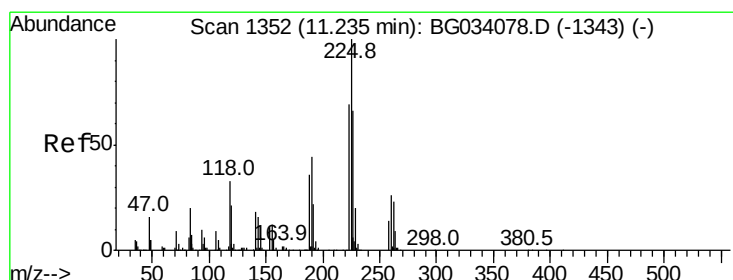
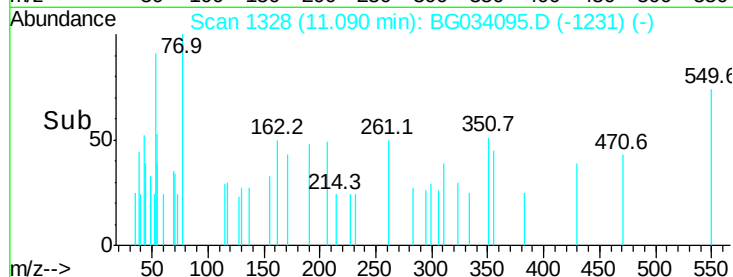
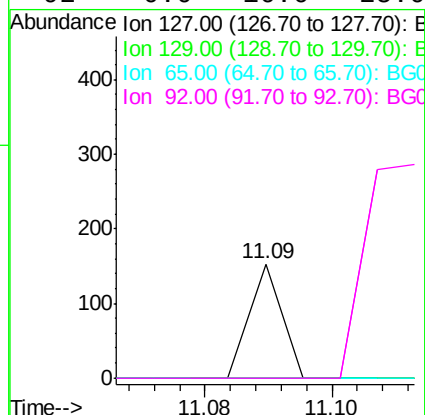
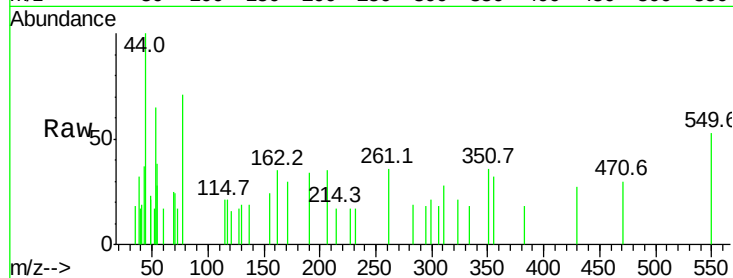




#33
4-Chloroaniline
Concen: 0.008 ng
RT: 11.09 min Scan# 1328
Delta R.T. 0.04 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

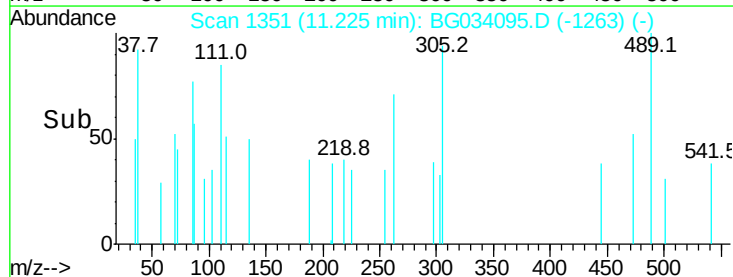
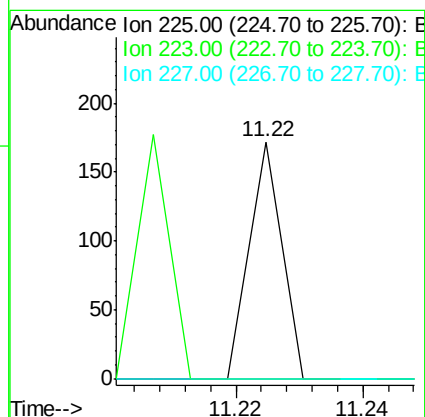
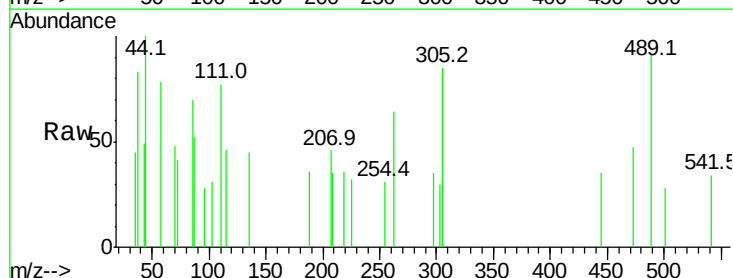
Instrument :
BNA_G
ClientSampled :

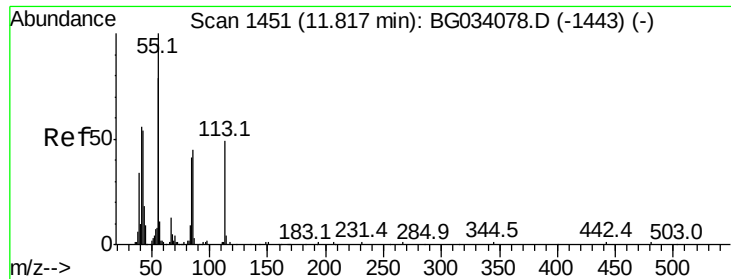
Tot Ion:127	Resp:	54
Ion Ratio	Lower	Upper
127 100		
129 0.0	24.0	36.0#
65 0.0	27.0	40.4#
92 0.0	16.6	25.0#



#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

Tgt	Ion:225	Resp:	61
Ion	Ratio	Lower	Upper
225	100		
223	0.0	49.7	74.5#
227	0.0	48.1	72.1#





#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

Instrument :

BNA_G

ClientSampleId :

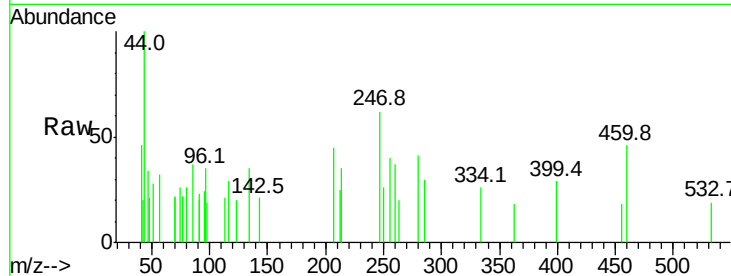
Tot Ion:113 Resp: 60

Ion Ratio Lower Upper

113 100

55 0.0 186.9 226.9#

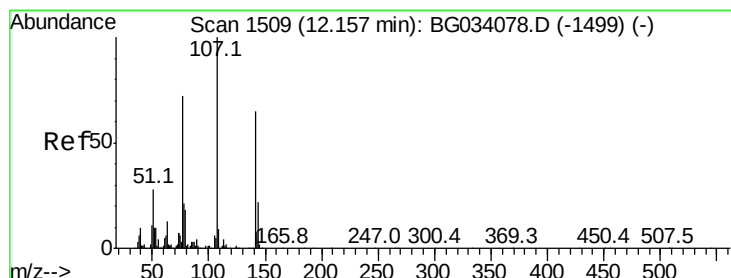
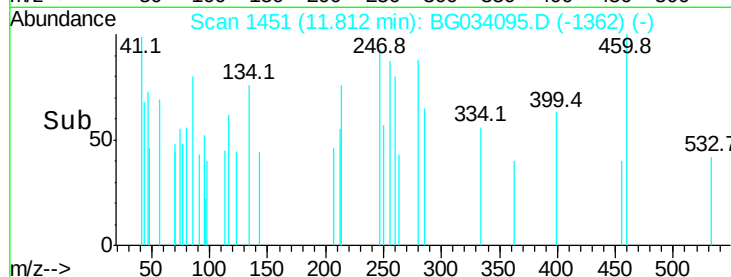
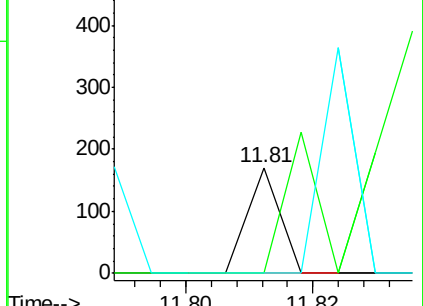
56 0.0 130.9 170.9#



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

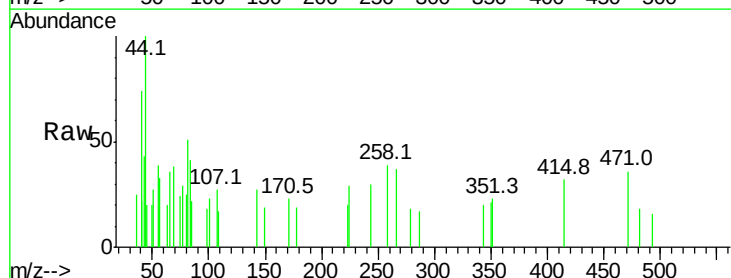
Tgt Ion:107 Resp: 216

Ion Ratio Lower Upper

107 100

144 0.0 18.2 27.4#

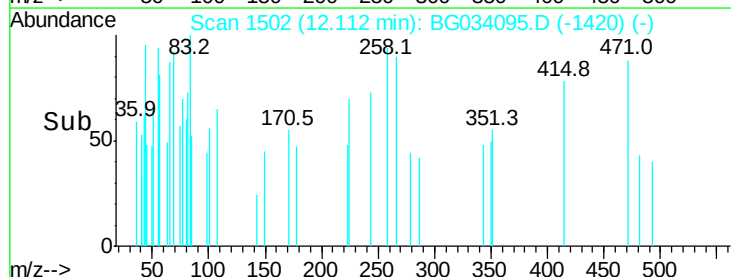
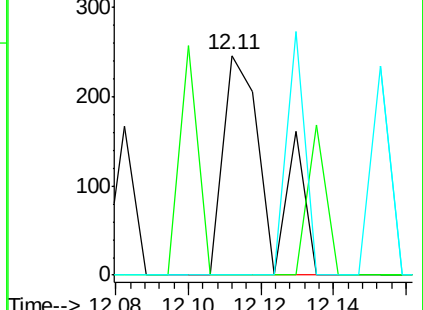
142 0.0 59.0 88.4#

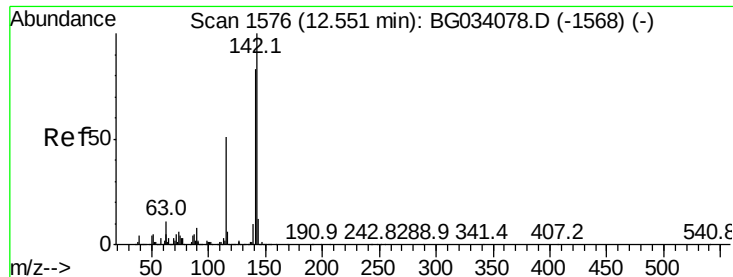


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

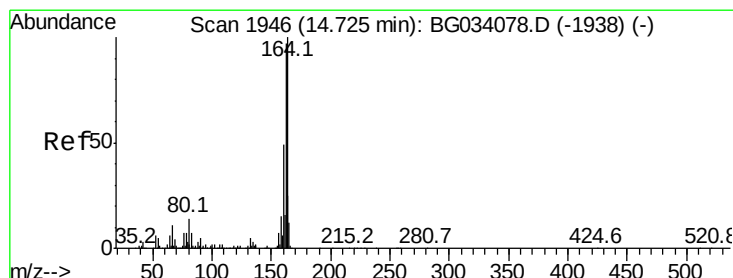
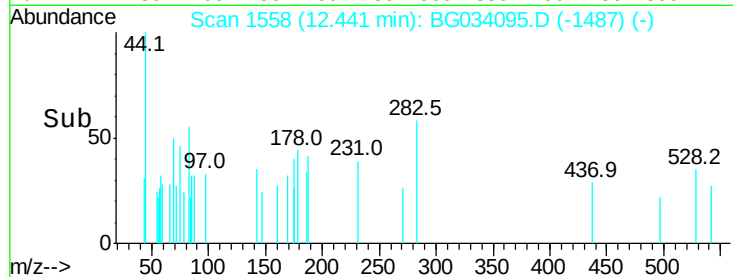
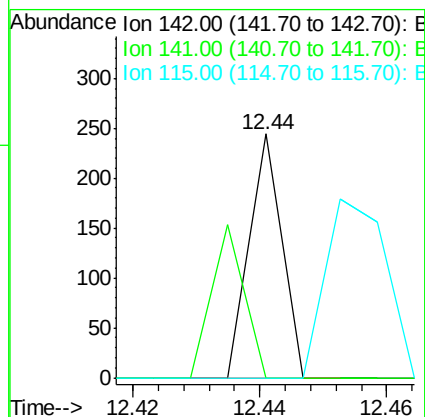
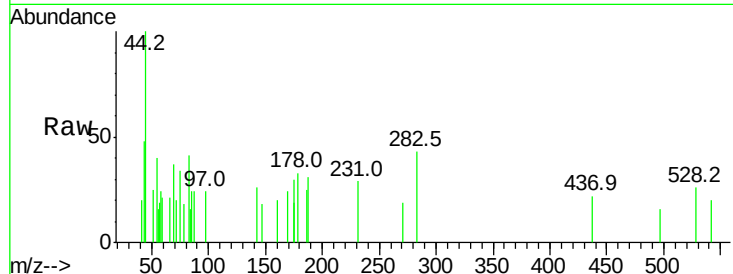




#37
2-Methylnaphthalene
Concen: 0.007 ng
RT: 12.44 min Scan# 1558
Delta R.T. -0.11 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

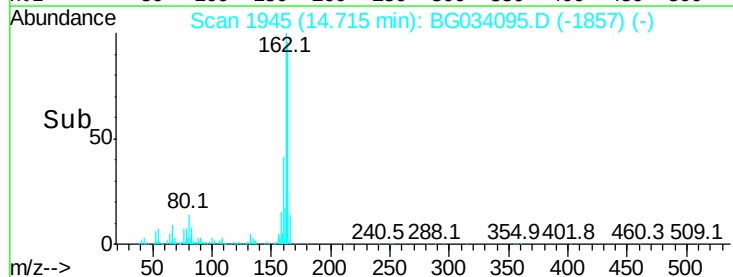
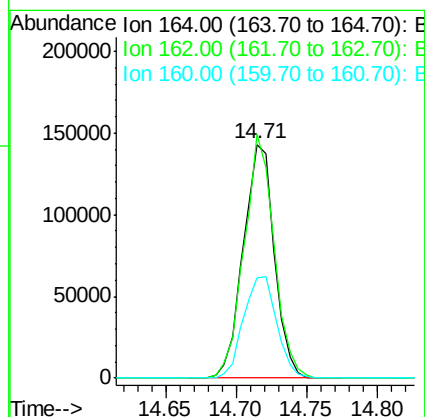
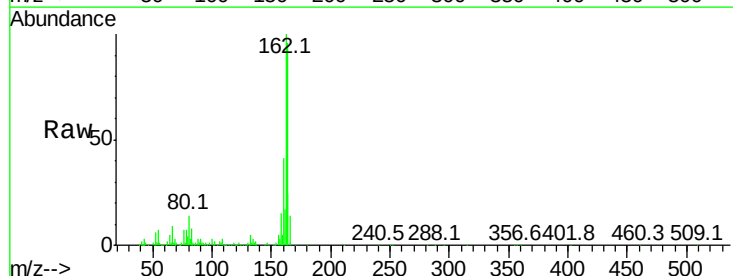
Instrument :
BNA_G
ClientSampleId :

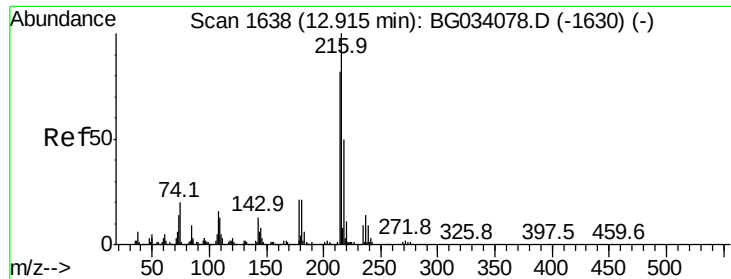
Tot Ion:142 Resp: 86
Ion Ratio Lower Upper
142 100
141 0.0 67.1 100.7#
115 0.0 30.7 46.1#



#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

Tgt Ion:164 Resp: 220119
Ion Ratio Lower Upper
164 100
162 104.1 78.8 118.2
160 42.9 35.4 53.0





#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

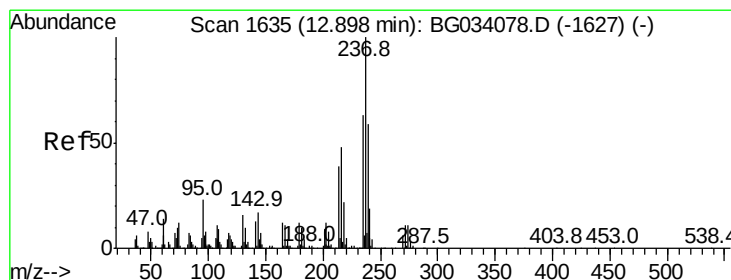
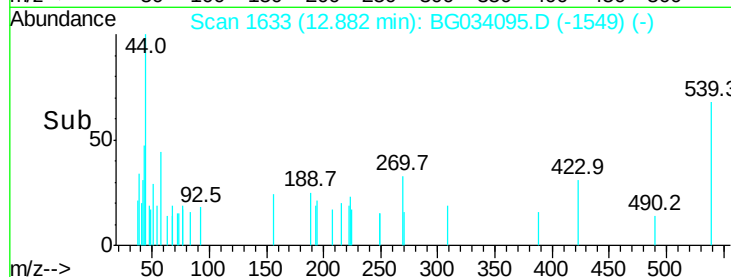
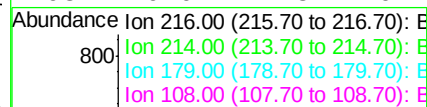
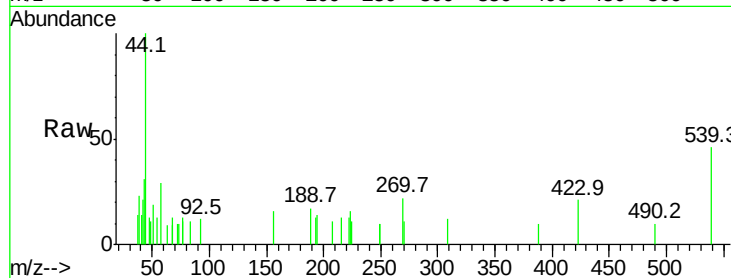
Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

Tot 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#



#40

Hexachlorocyclopentadiene

Concen: 0.013 ng

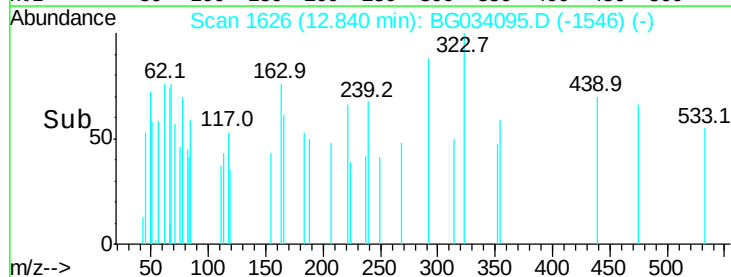
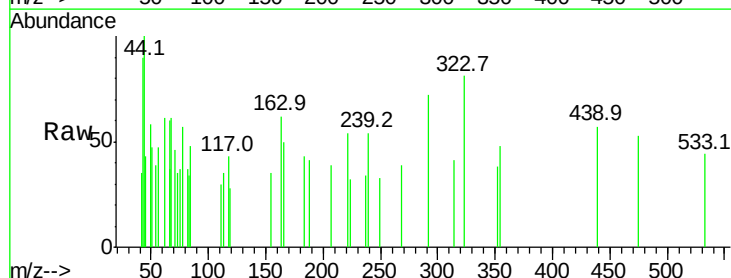
RT: 12.84 min Scan# 1626

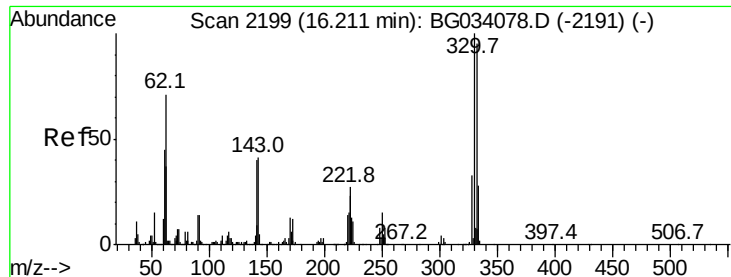
Delta R.T. -0.06 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

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

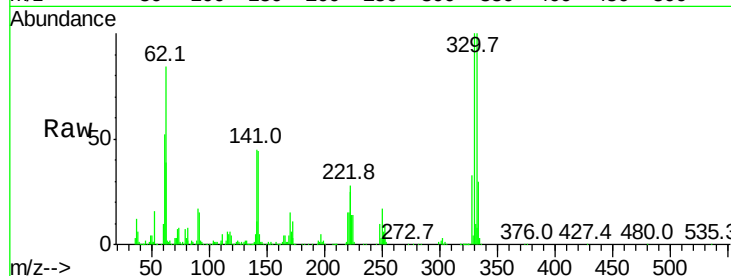




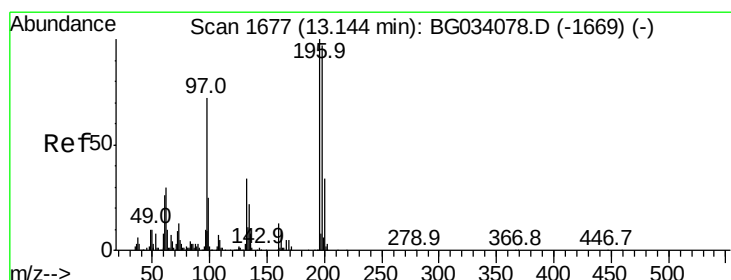
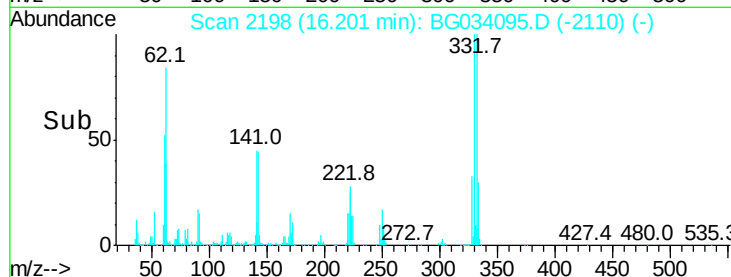
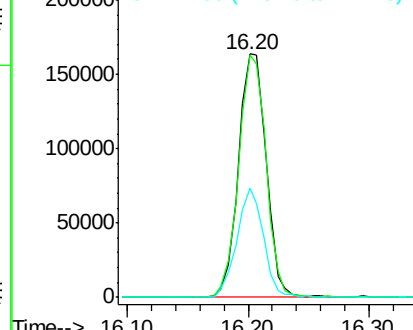
#41
 2,4,6-Tribromophenol
 Concen: 86.092 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG034095.D
 Acq: 2 May 2018 1:35

Instrument :
 BNA_G
 ClientSampled :

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

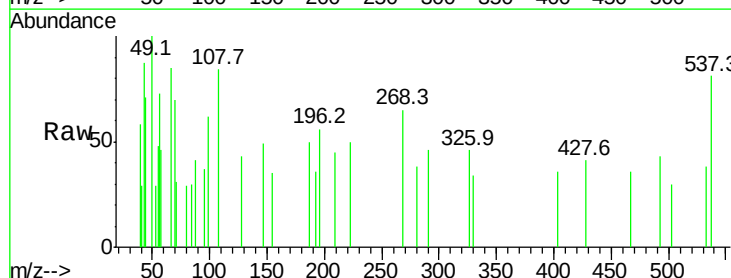


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

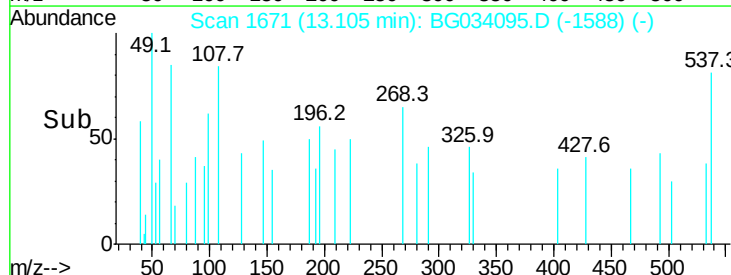
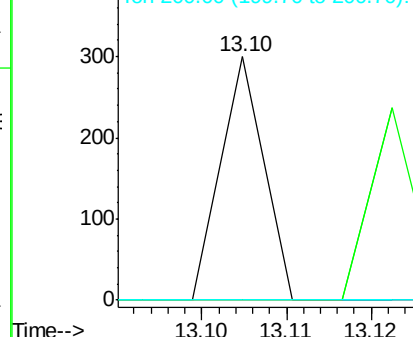


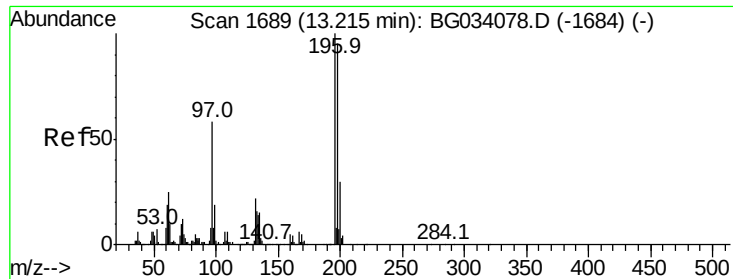
#42
 2,4,6-Trichlorophenol
 Concen: 0.021 ng
 RT: 13.10 min Scan# 1671
 Delta R.T. -0.04 min
 Lab File: BG034095.D
 Acq: 2 May 2018 1:35

Tgt 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

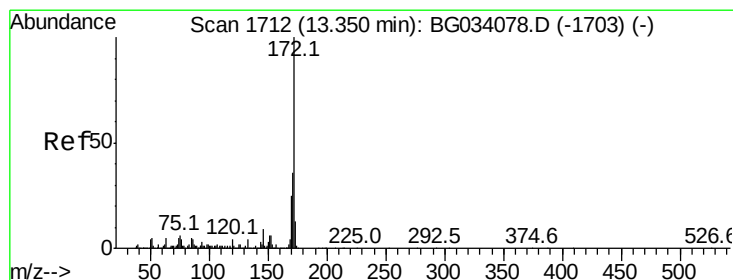
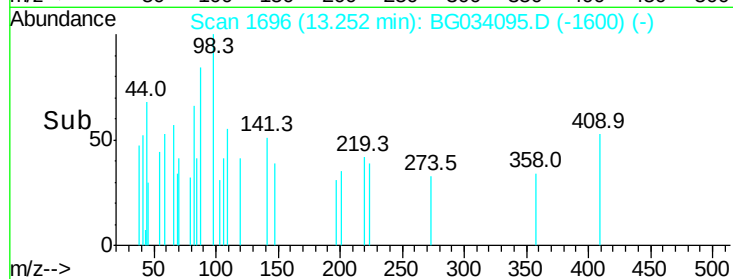
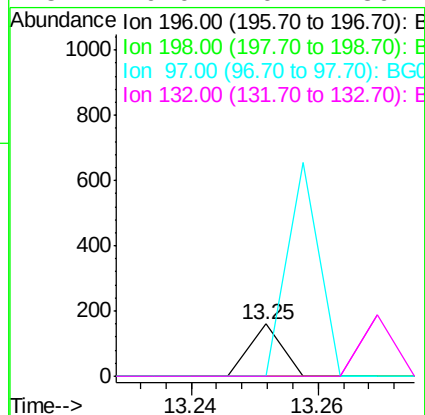
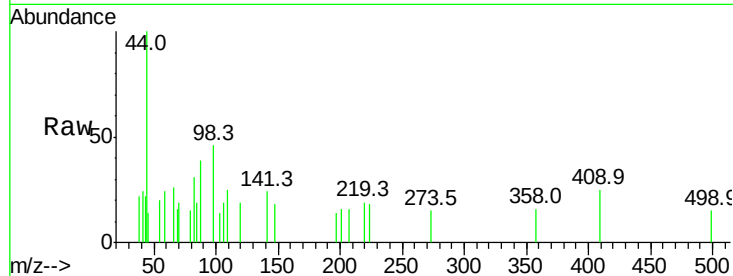




#43
2,4,5-Trichlorophenol
Concen: 0.010 ng
RT: 13.25 min Scan# 1696
Delta R.T. 0.04 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

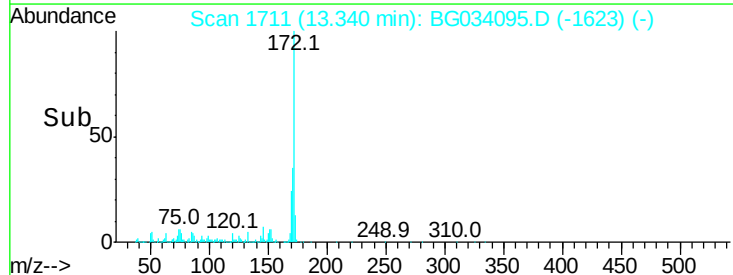
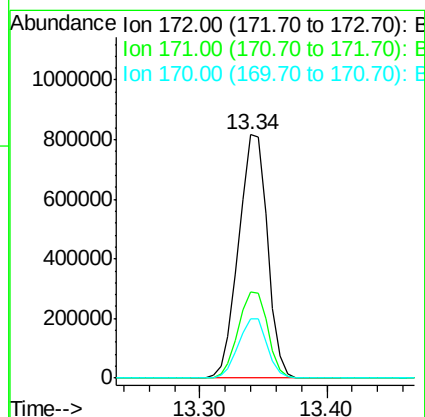
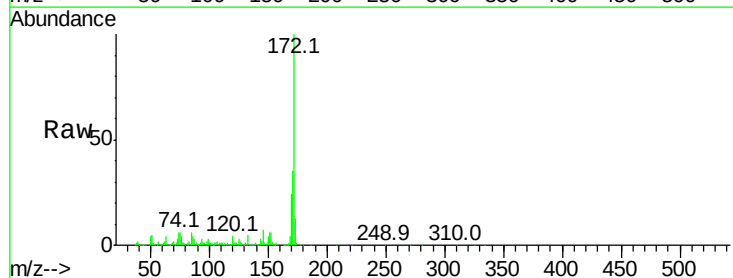
Instrument :
BNA_G
ClientSampled :

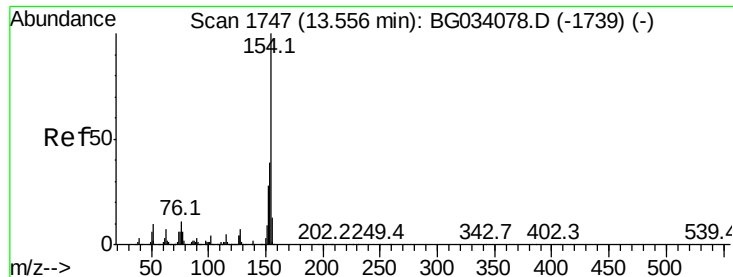
Tot Ion:196 Resp: 56
Ion Ratio Lower Upper
196 100
198 0.0 76.2 114.4#
97 0.0 38.7 58.1#
132 0.0 20.2 30.2#



#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

Tgt Ion:172 Resp: 1284237
Ion Ratio Lower Upper
172 100
171 35.4 30.0 45.0
170 24.2 19.5 29.3





#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

Instrument :

BNA_G

ClientSampleId :

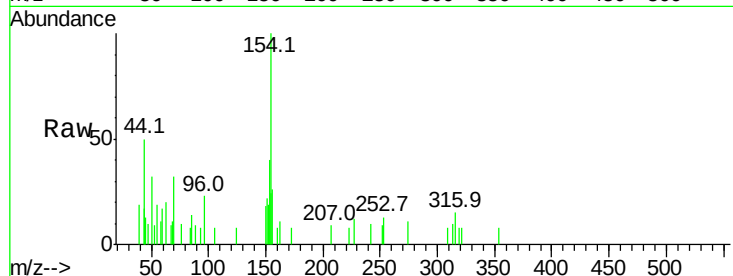
Tot Ion:154 Resp: 3084

Ion Ratio Lower Upper

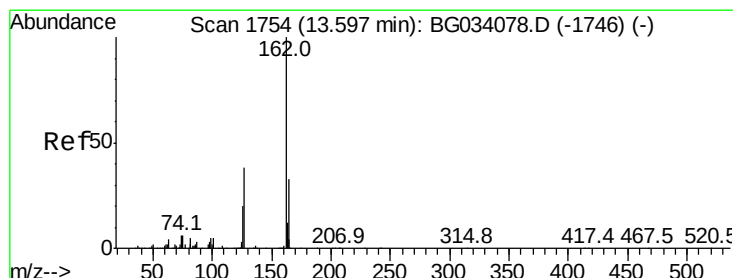
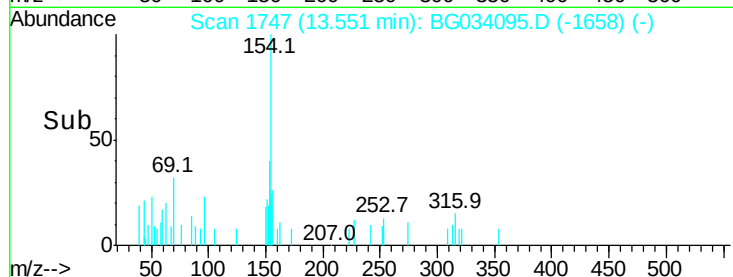
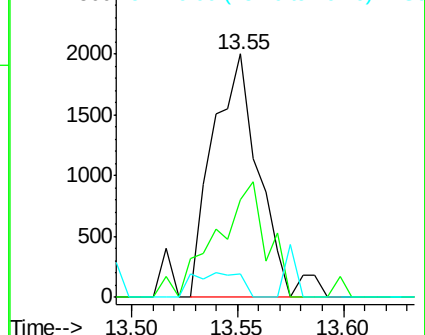
154 100

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): B



#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

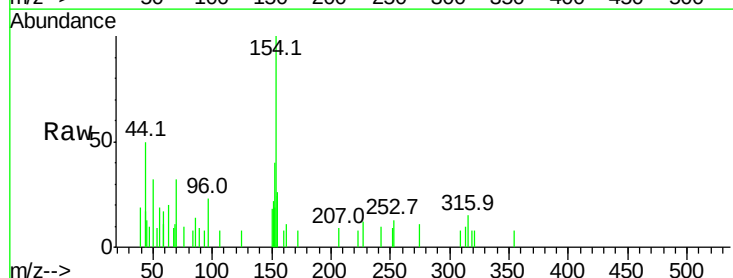
Tgt Ion:162 Resp: 78

Ion Ratio Lower Upper

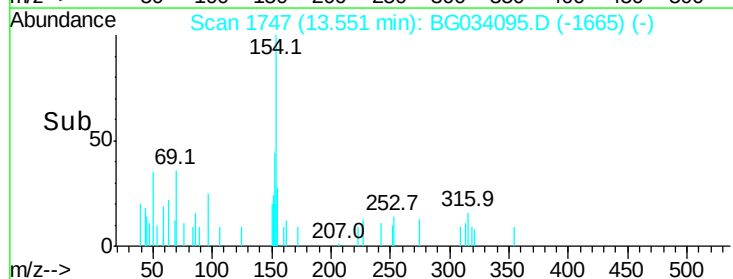
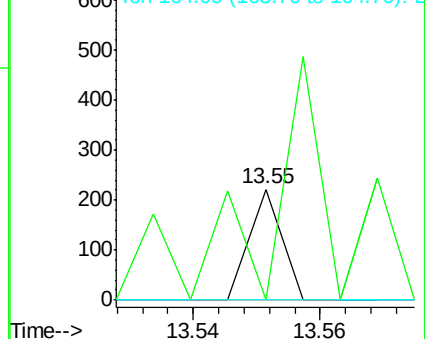
162 100

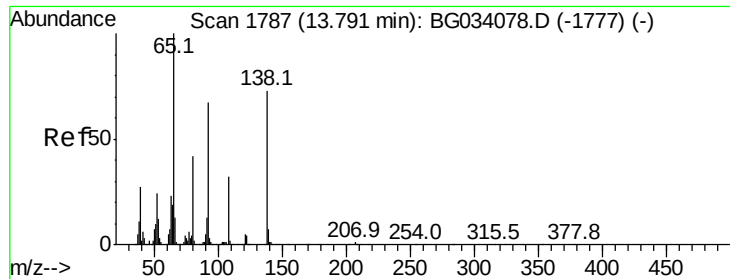
127 0.0 30.7 46.1#

164 0.0 26.0 39.0#



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#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

Instrument :

BNA_G

ClientSampleId :

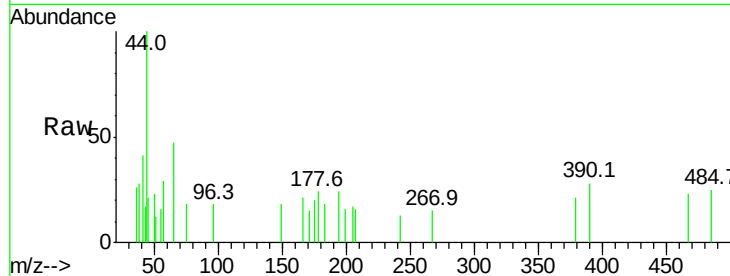
Tot Ion: 65 Resp: 204

Ion Ratio Lower Upper

65 100

92 0.0 54.6 82.0#

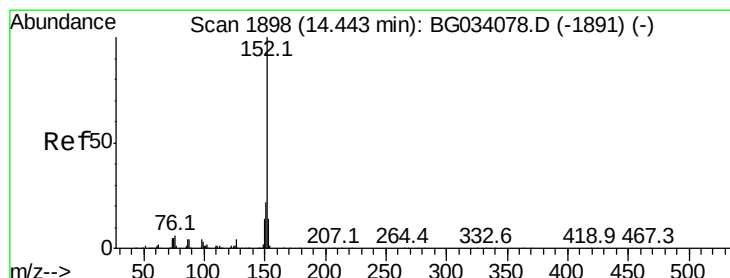
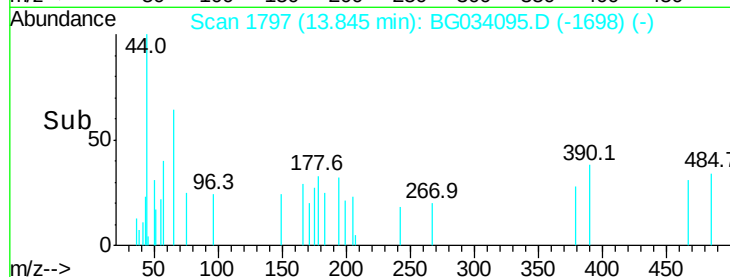
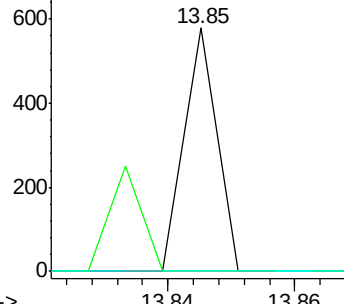
138 0.0 72.9 109.3#



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): BGC



#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

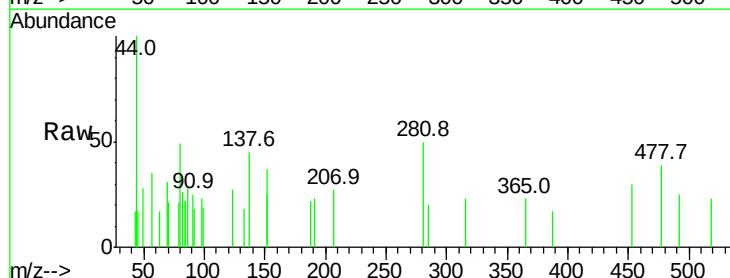
Tgt Ion: 152 Resp: 198

Ion Ratio Lower Upper

152 100

151 40.3 17.2 25.8#

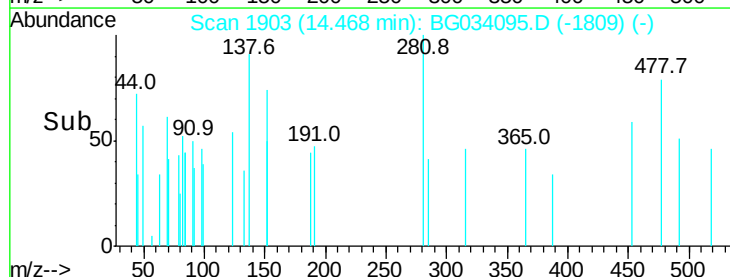
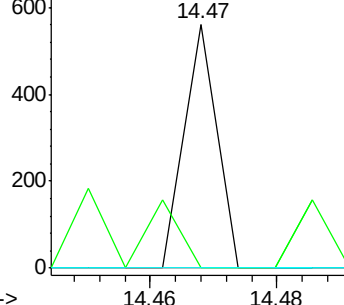
153 0.0 10.2 15.4#

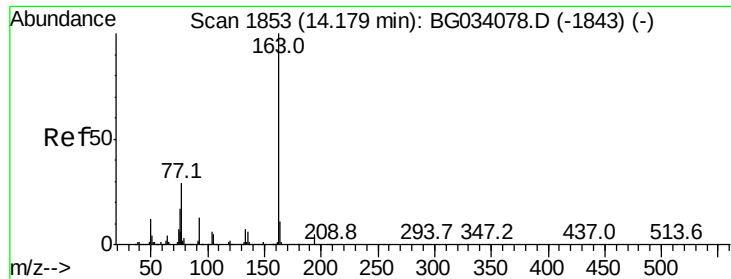


Abundance Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC





#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

Instrument :

BNA_G

ClientSampled :

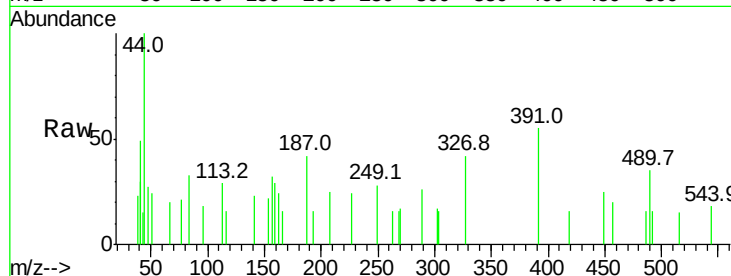
Tot Ion:163 Resp: 144

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

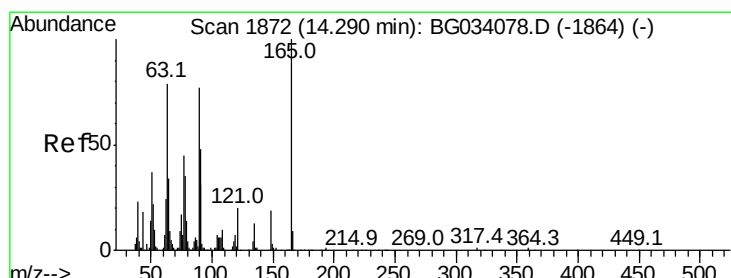
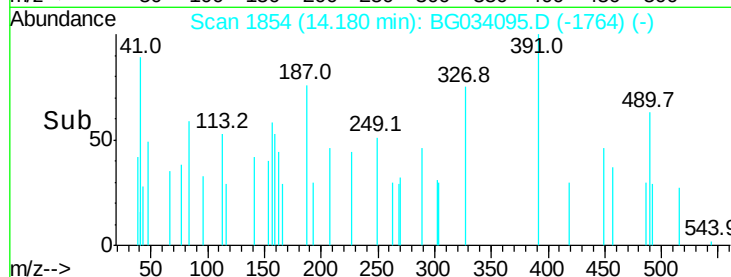
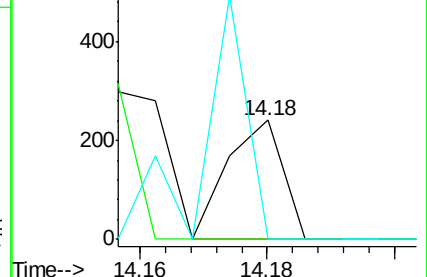
164 0.0 8.2 12.4#



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



#50

2,6-Dinitrotoluene

Concen: 8.231 ng

RT: 14.71 min Scan# 1945

Delta R.T. 0.42 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

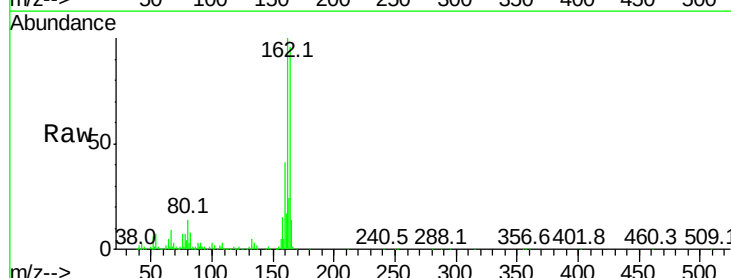
Tgt Ion:165 Resp: 30175

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

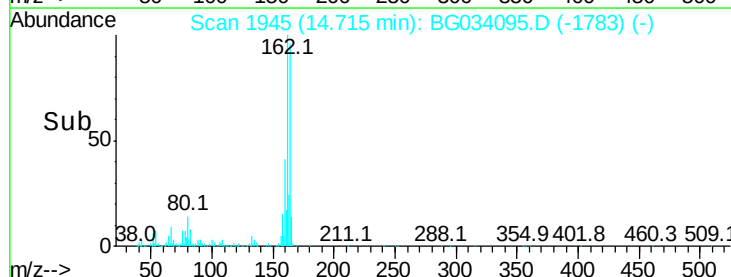
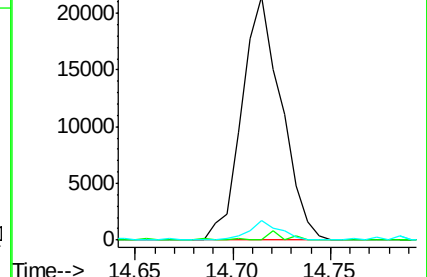
89 7.9 49.2 73.8#

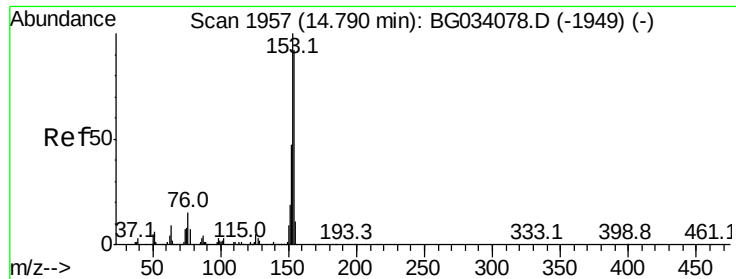


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 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

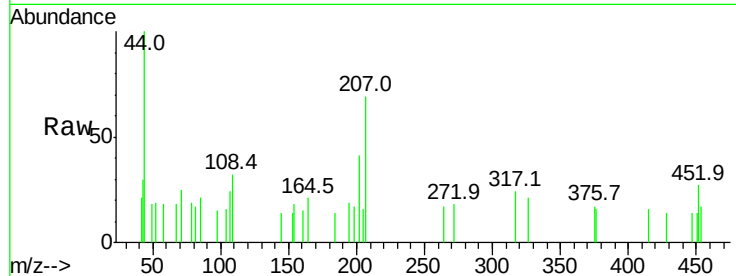
Instrument :

BNA_G

ClientSampleId :

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#

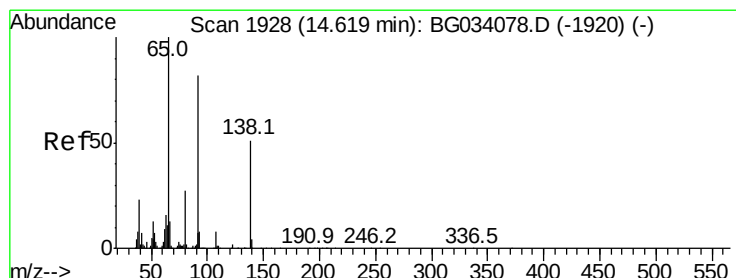
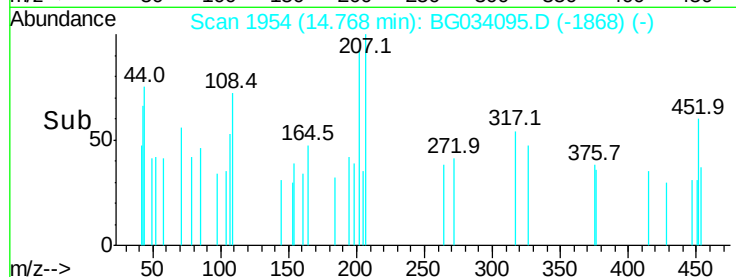
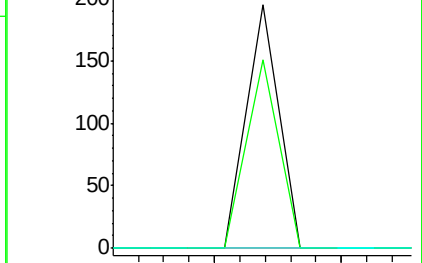


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.77



#52

3-Nitroaniline

Concen: 0.046 ng

RT: 14.57 min Scan# 1921

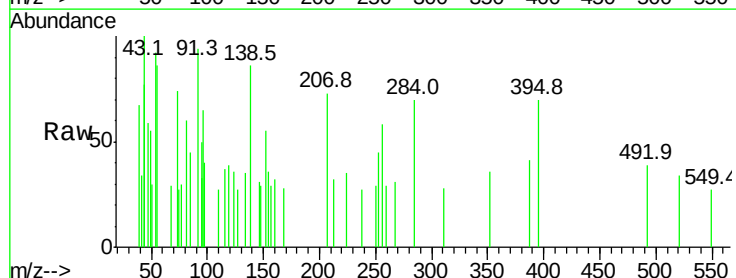
Delta R.T. -0.05 min

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#

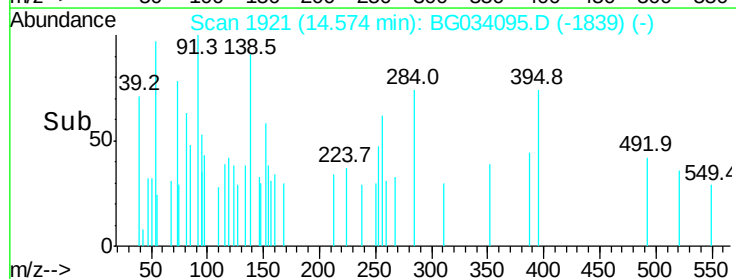
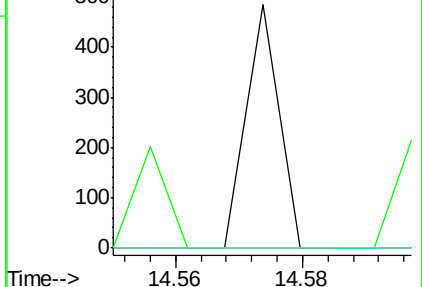


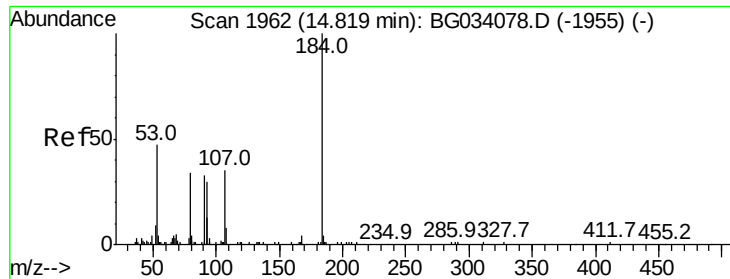
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

14.57





#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

ClientSampled :

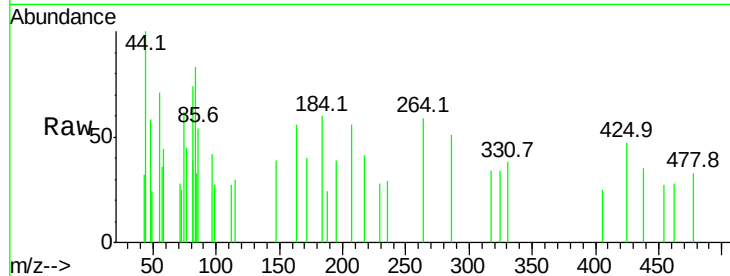
Tot Ion:184 Resp: 133

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

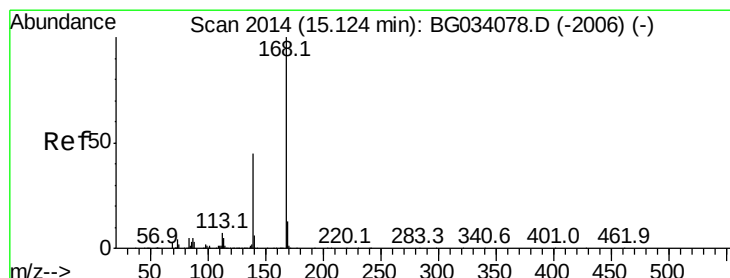
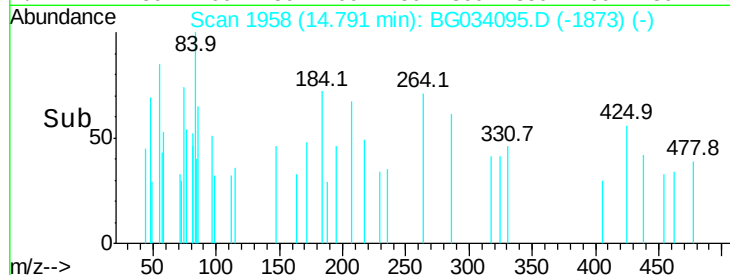
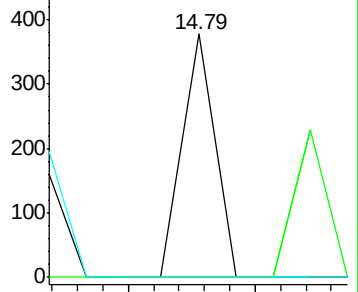
154 0.0 101.8 152.8#



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



#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

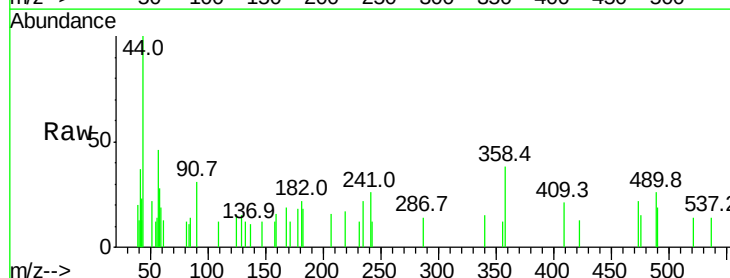
Tgt Ion:168 Resp: 96

Ion Ratio Lower Upper

168 100

139 0.0 28.6 43.0#

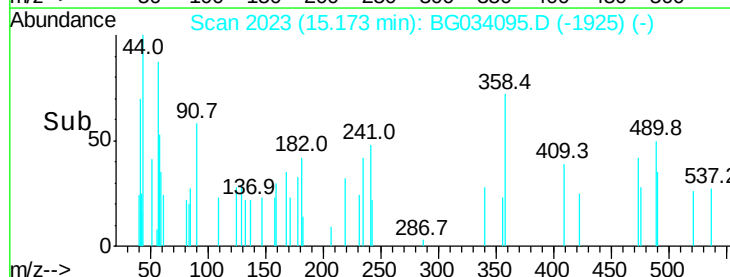
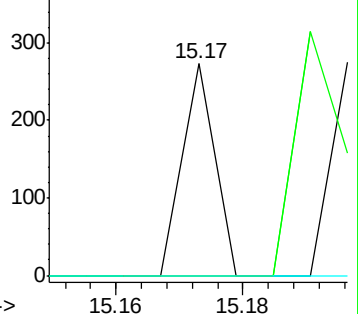
169 0.0 11.2 16.8#

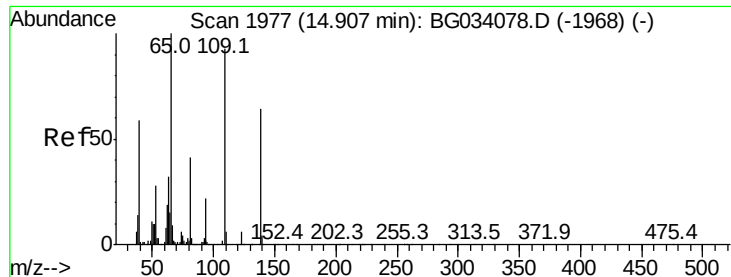


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

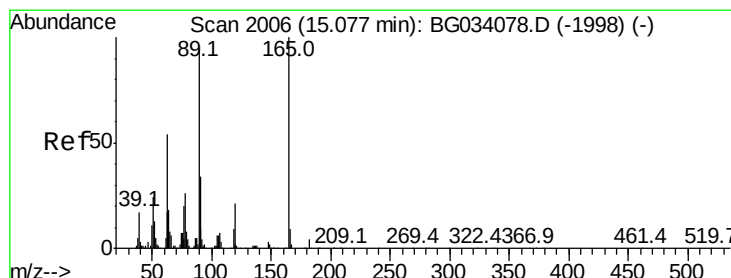
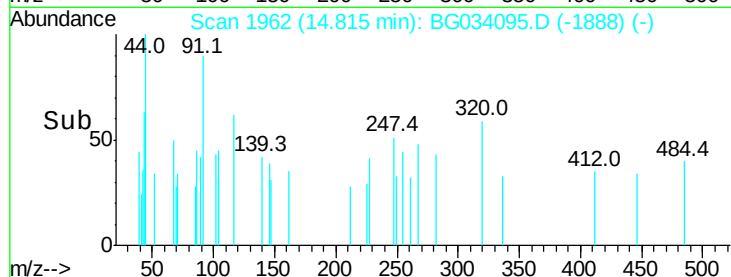
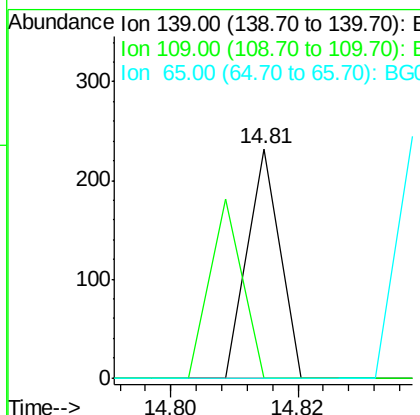
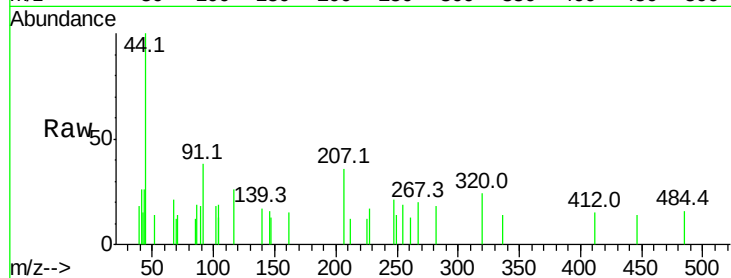




#55
4-Nitrophenol
Concen: 0.029 ng
RT: 14.81 min Scan# 1962
Delta R.T. -0.09 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

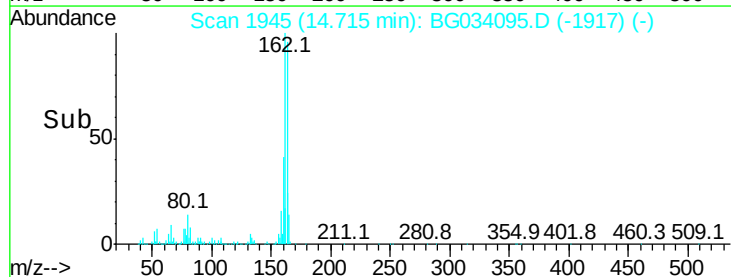
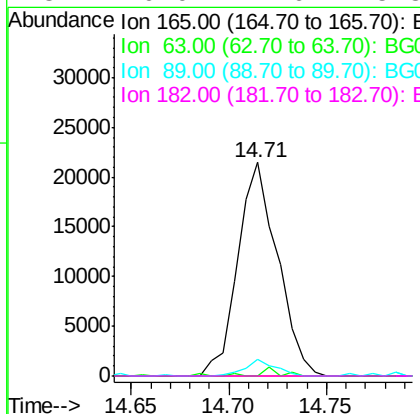
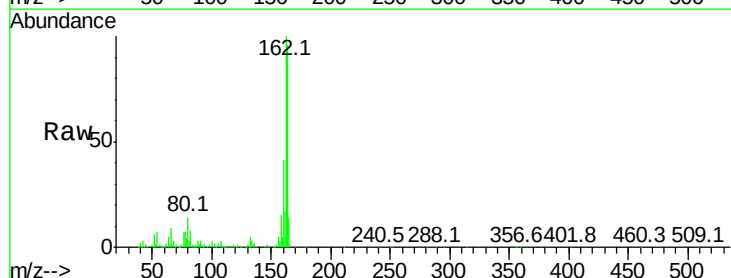
Instrument :
BNA_G
ClientSampled :

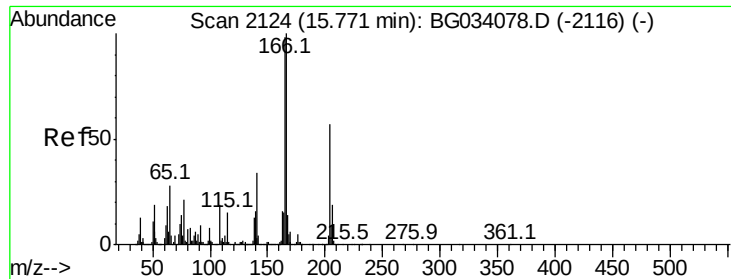
Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#



#56
2,4-Dinitrotoluene
Concen: 6.062 ng
RT: 14.71 min Scan# 1945
Delta R.T. -0.36 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	7.9	66.9	100.3#
182	0.0	2.6	3.8#





#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

Instrument :

BNA_G

ClientSampleId :

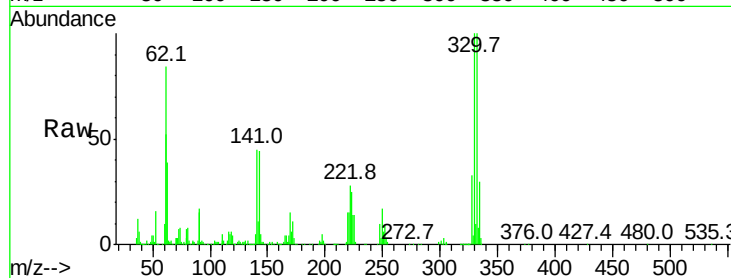
Tot Ion:166 Resp: 8442

Ion Ratio Lower Upper

166 100

165 99.6 80.6 121.0

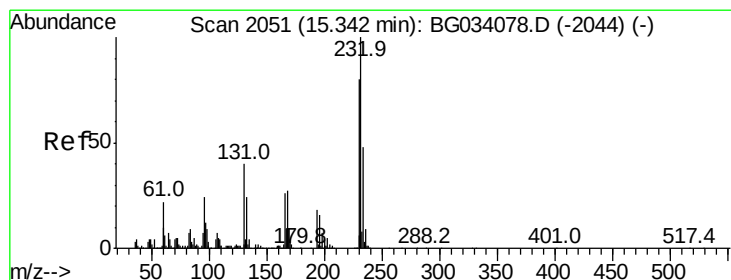
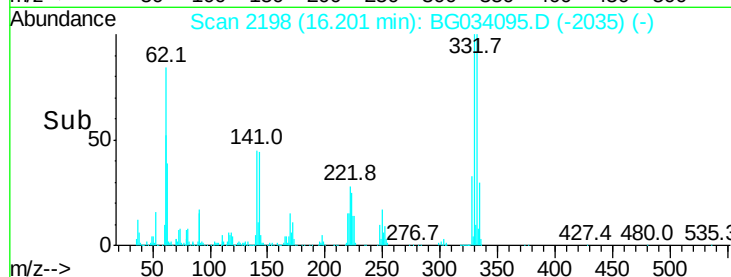
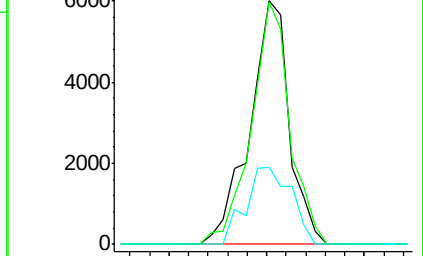
167 31.7 10.4 15.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 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

Tgt Ion:232 Resp: 57

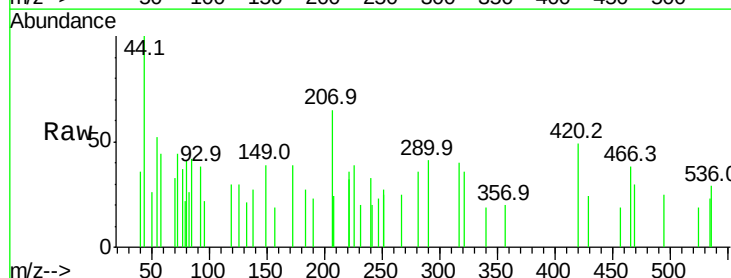
Ion Ratio Lower Upper

232 100

131 0.0 33.5 50.3#

130 93.0 2.2 3.2#

166 256.1 24.8 37.2#

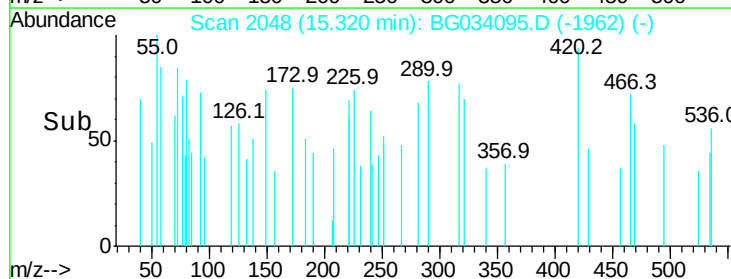
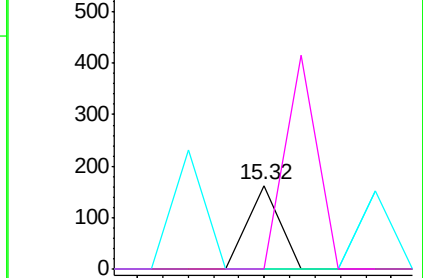


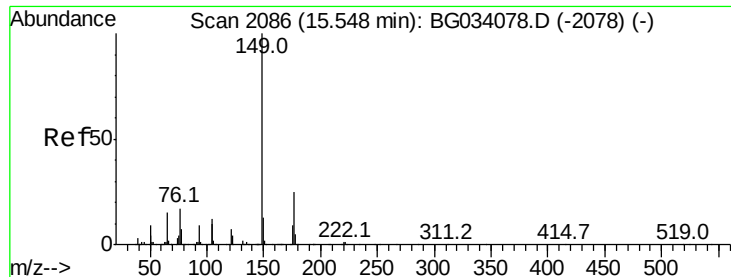
Abundance Ion 232.00 (231.70 to 232.70): E

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

Instrument :

BNA_G

ClientSampled :

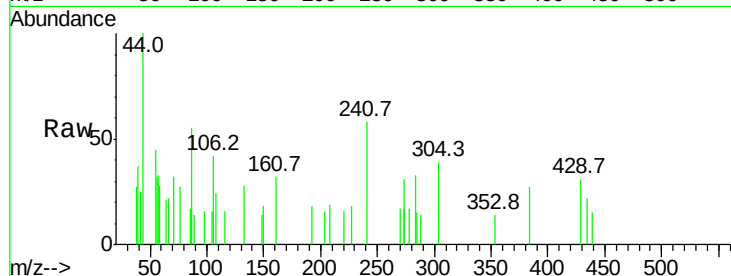
Tot Ion:149 Resp: 70

Ion Ratio Lower Upper

149 100

177 0.0 18.5 27.7#

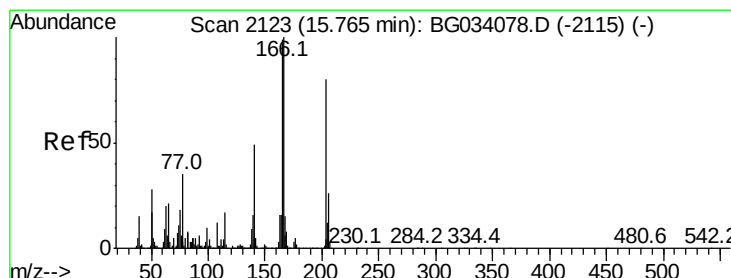
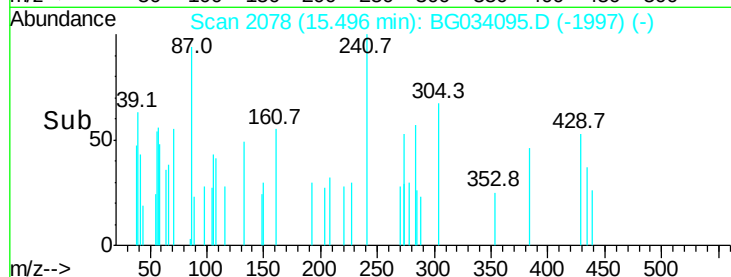
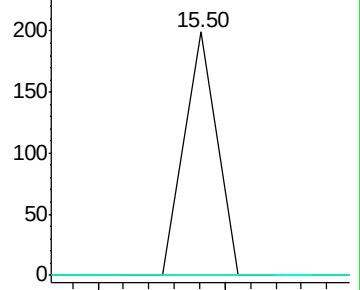
150 0.0 10.2 15.2#



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

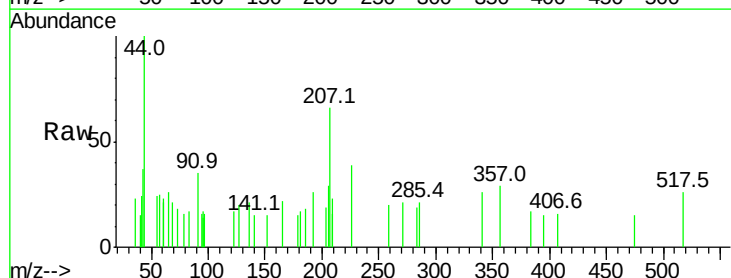
Tgt Ion:204 Resp: 73

Ion Ratio Lower Upper

204 100

206 151.4 26.2 39.2#

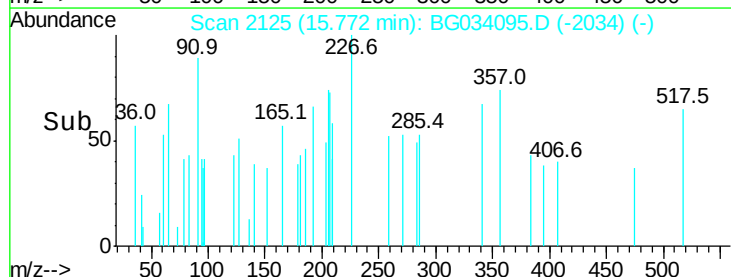
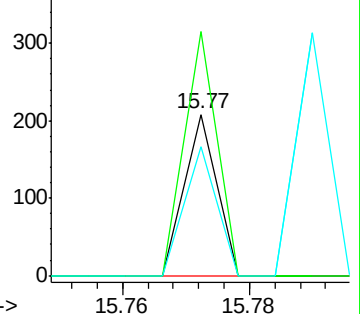
141 79.8 45.8 68.6#

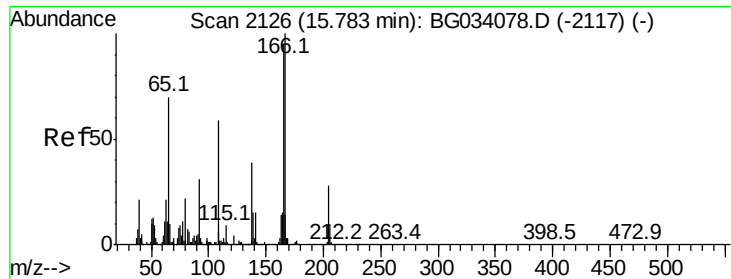


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

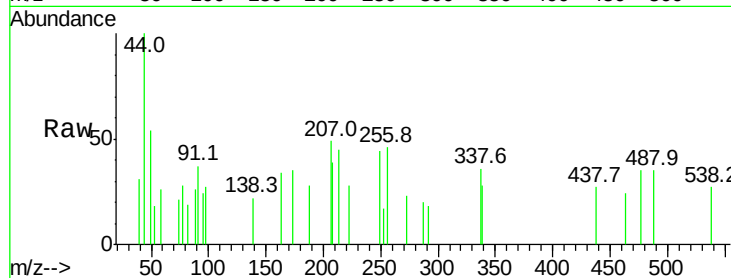




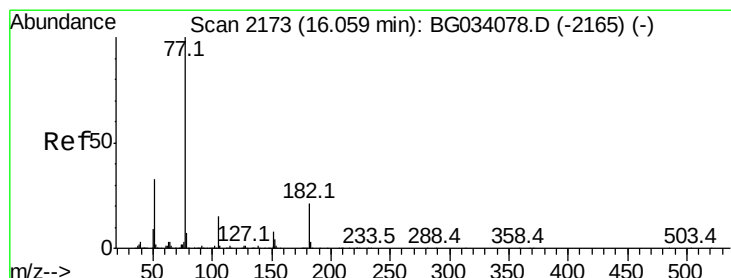
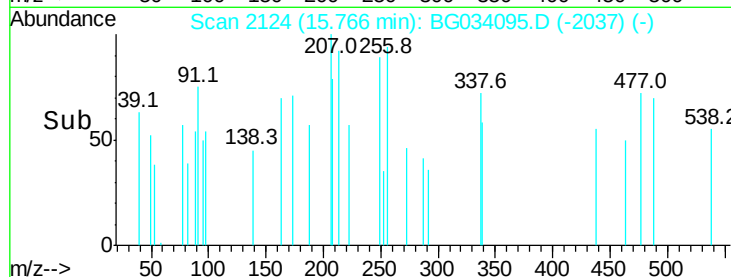
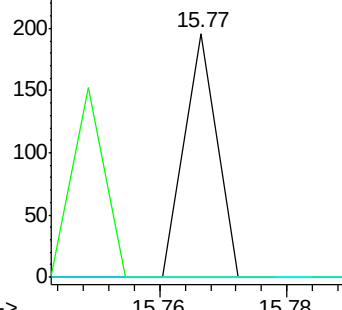
#61
4-Nitroaniline
Concen: 0.018 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

Instrument :
BNA_G
ClientSampleId :

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

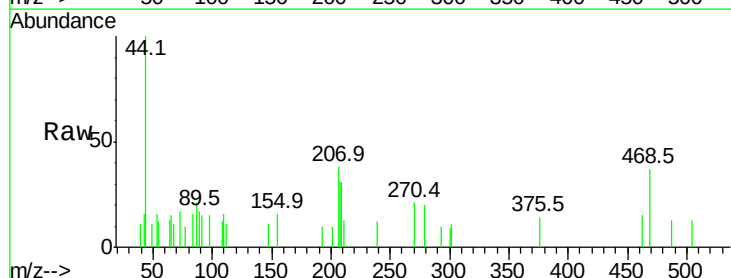


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

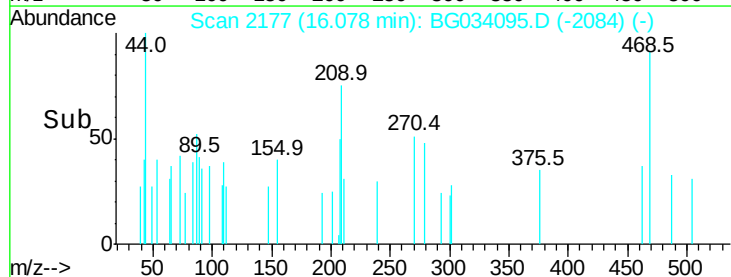
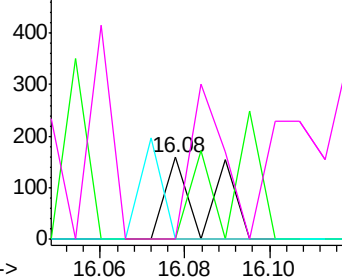


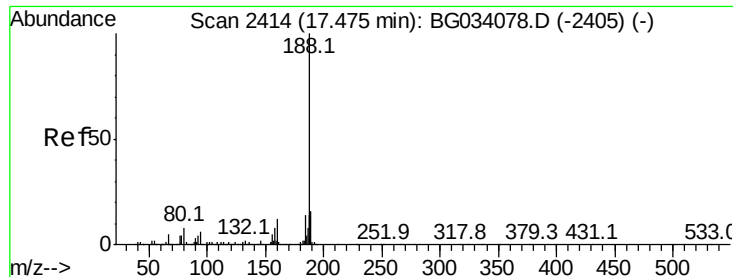
#62
Azobenzene
Concen: 0.005 ng
RT: 16.08 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

Tgt 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): E
Ion 105.00 (104.70 to 105.70): E
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

Instrument :

BNA_G

ClientSampleId :

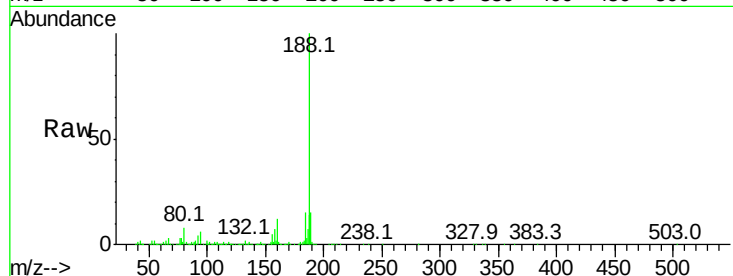
Tot Ion:188 Resp: 643184

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

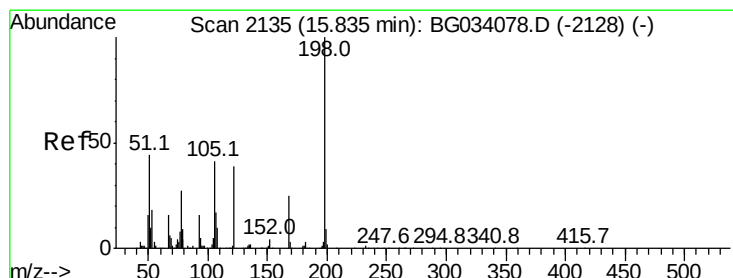
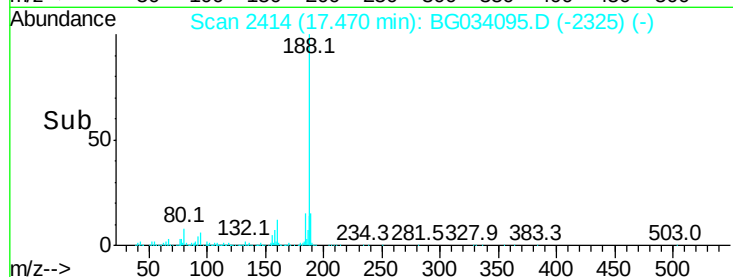
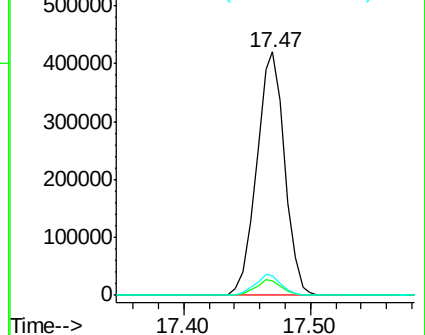
80 7.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#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

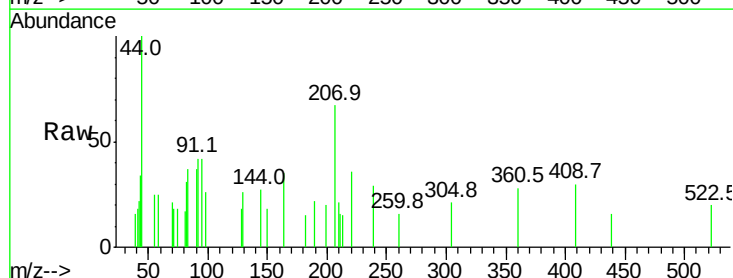
Tgt Ion:198 Resp: 139

Ion Ratio Lower Upper

198 100

51 0.0 30.6 70.6#

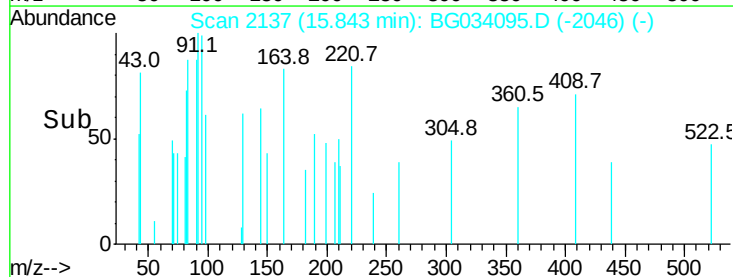
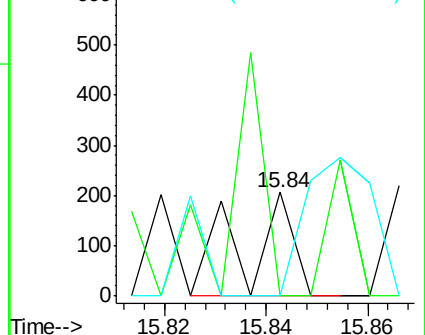
105 0.0 23.8 63.8#

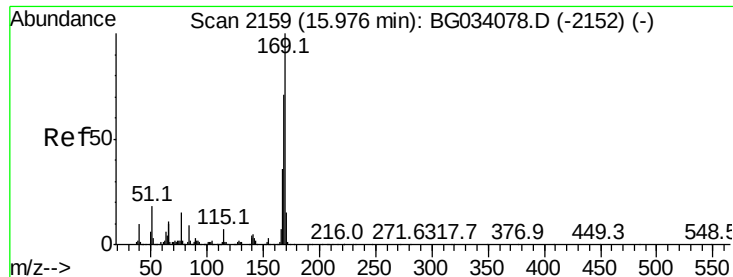


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

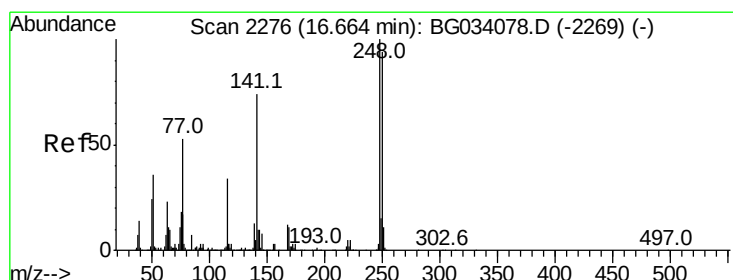
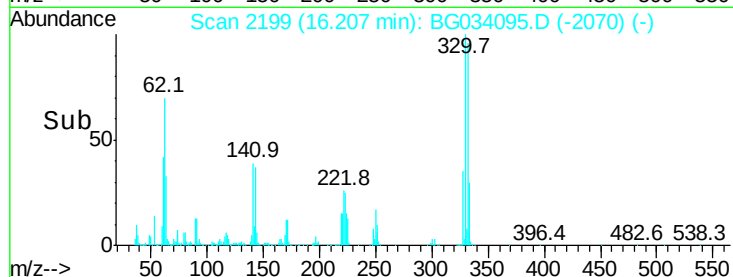
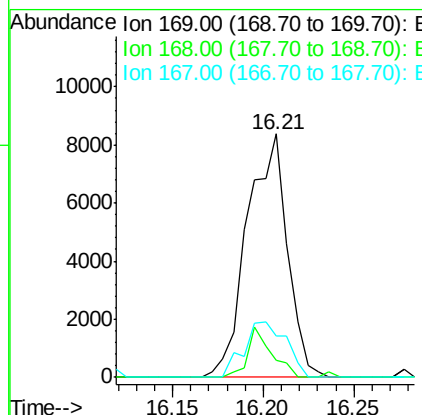
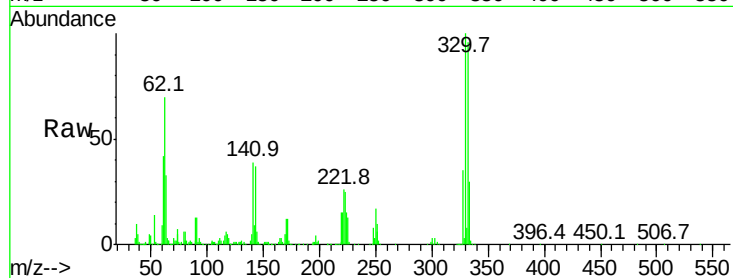




#65
 n-Nitrosodiphenylamine
 Concen: 0.736 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.23 min
 Lab File: BG034095.D
 Acq: 2 May 2018 1:35

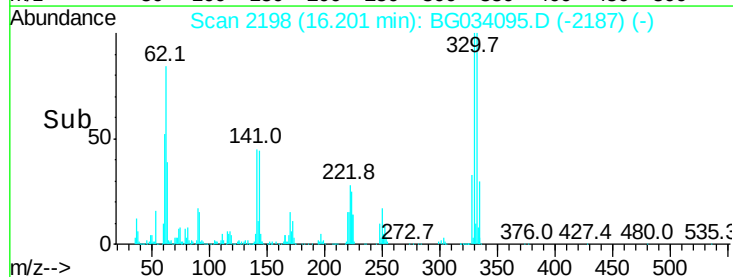
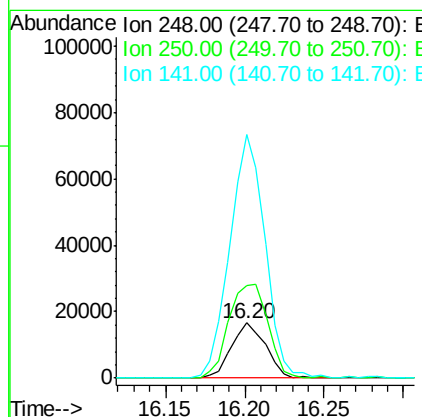
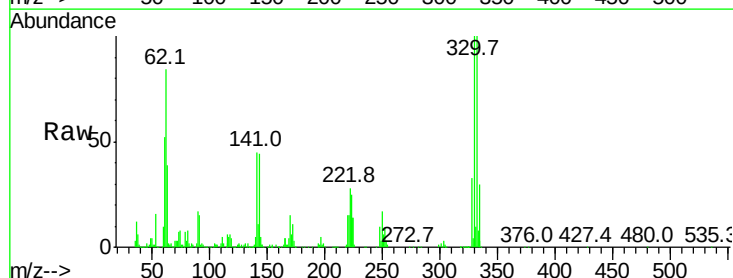
Instrument :
 BNA_G
 ClientSampleId :

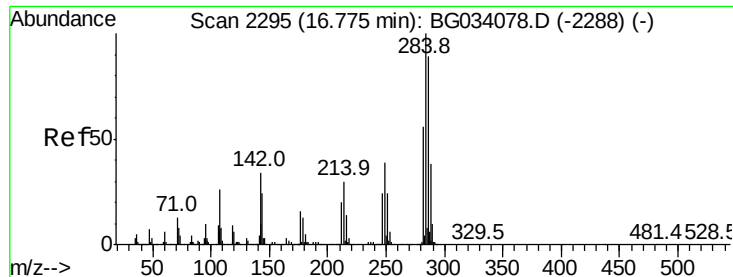
Tot Ion:169 Resp: 12909
 Ion Ratio Lower Upper
 169 100
 168 7.0 55.7 83.5#
 167 17.0 30.1 45.1#



#66
 4-Bromophenyl-phenylether
 Concen: 3.121 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.46 min
 Lab File: BG034095.D
 Acq: 2 May 2018 1:35

Tgt Ion:248 Resp: 24922
 Ion Ratio Lower Upper
 248 100
 250 167.5 77.1 115.7#
 141 443.6 50.8 76.2#





#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 :

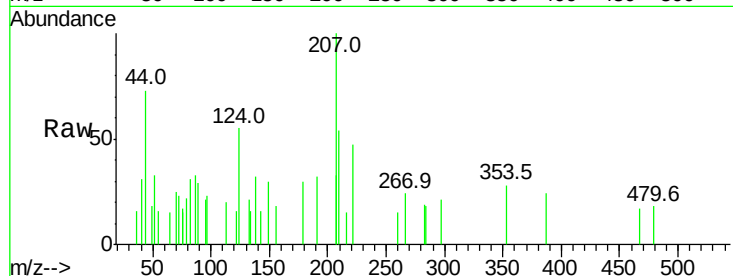
Tot Ion:284 Resp: 66

Ion Ratio Lower Upper

284 100

142 86.6 26.8 40.2#

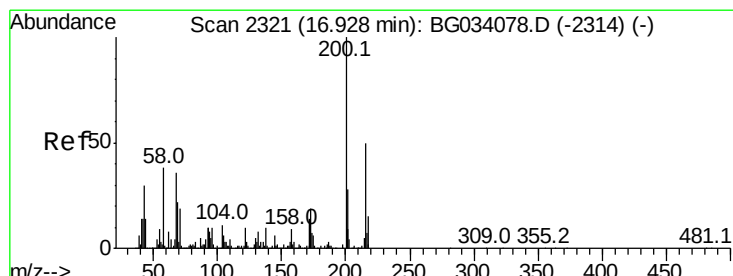
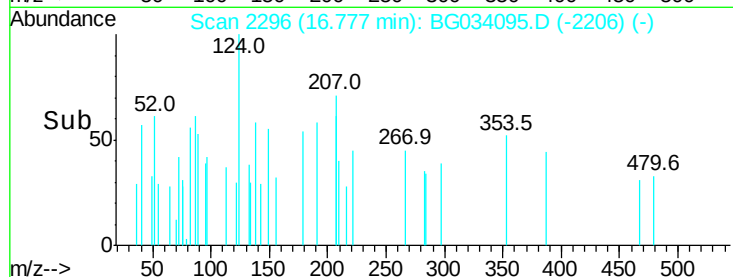
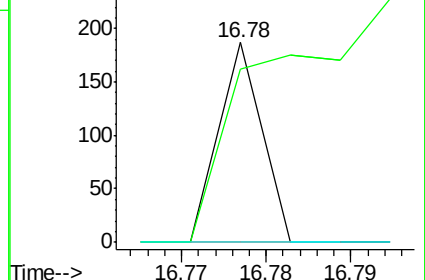
249 0.0 26.3 39.5#



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

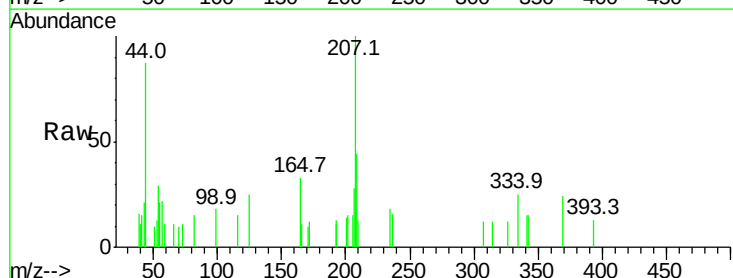
Tgt Ion:200 Resp: 79

Ion Ratio Lower Upper

200 100

173 0.0 5.2 45.2#

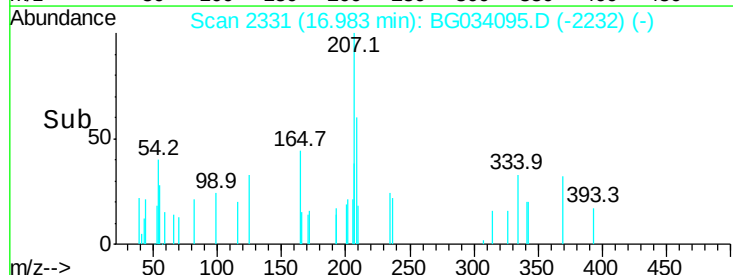
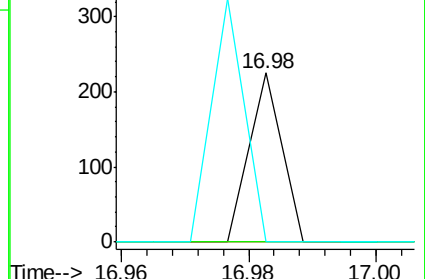
215 0.0 30.4 70.4#

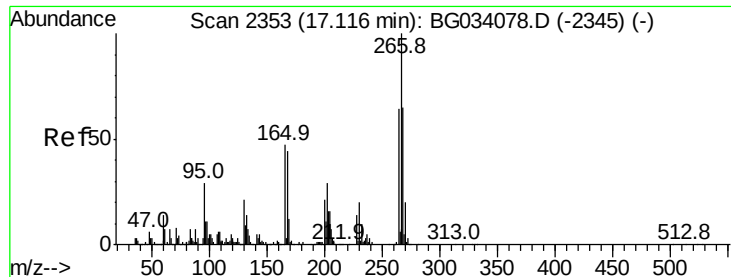


Abundance Ion 200.00 (199.70 to 200.70): E

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 :

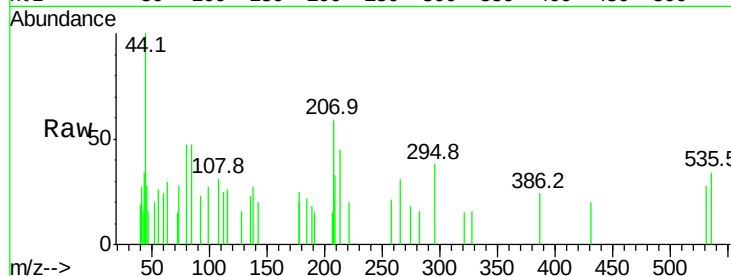
Tot Ion:266 Resp: 108

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

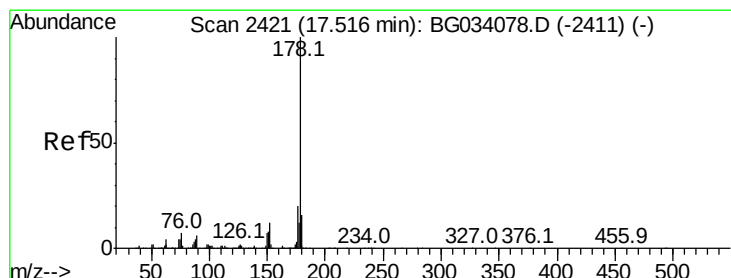
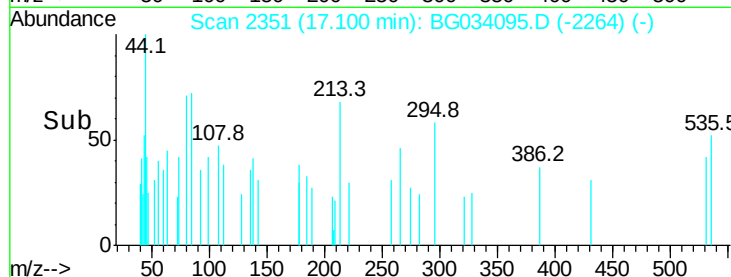
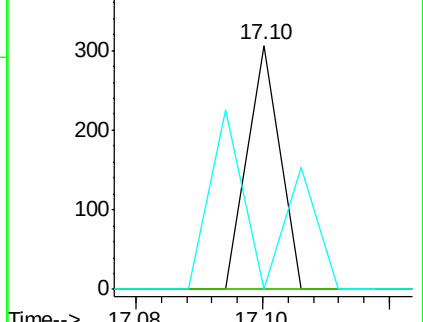
264 0.0 49.6 74.4#



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



#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

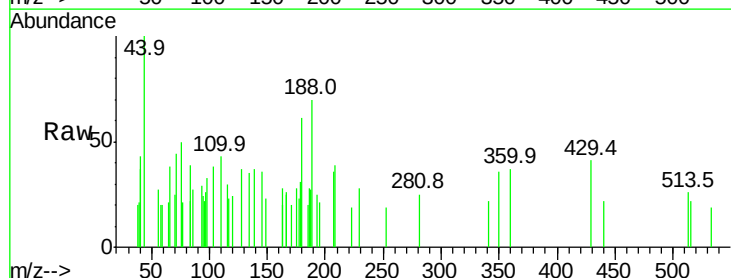
Tgt Ion:178 Resp: 125

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

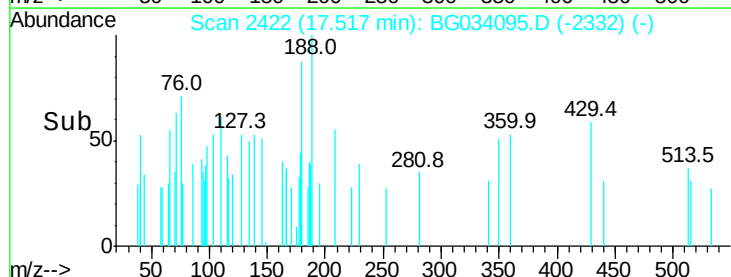
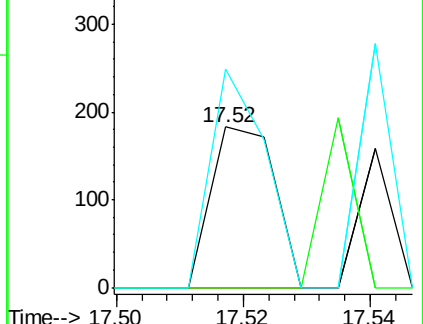
179 136.1 12.5 18.7#

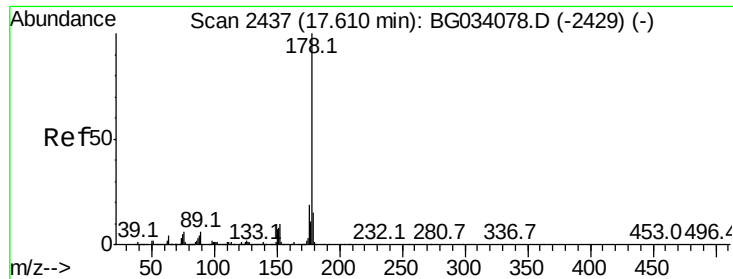


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#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 :

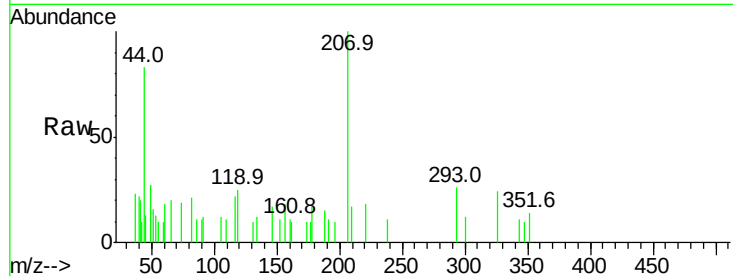
Tot Ion:178 Resp: 92

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

179 0.0 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

17.59

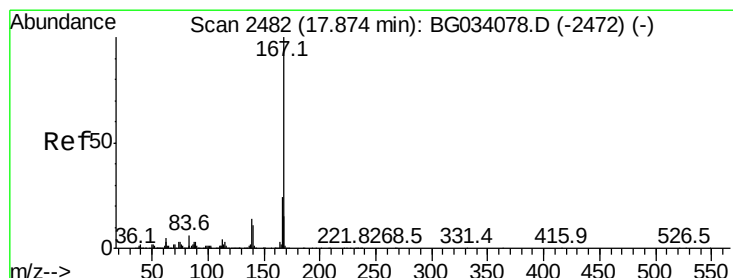
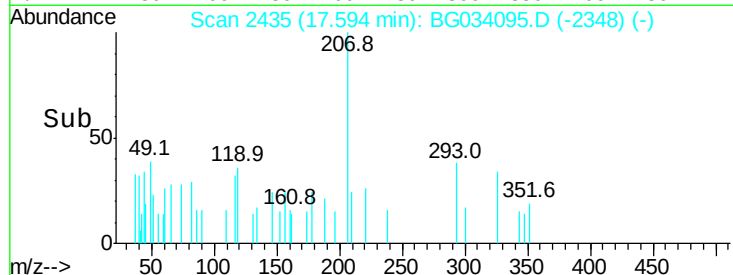
200

100

0

17.58 17.60

Time-->



#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

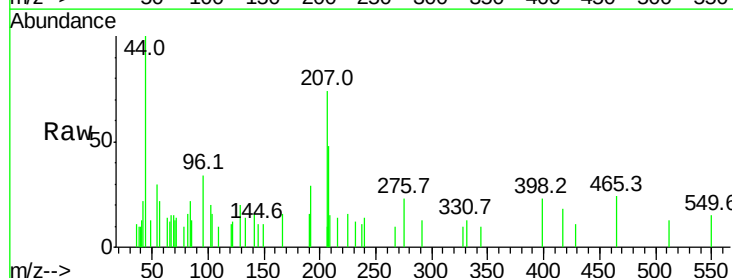
Tgt Ion:167 Resp: 87

Ion Ratio Lower Upper

167 100

166 0.0 18.2 27.4#

139 0.0 9.4 14.2#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.86

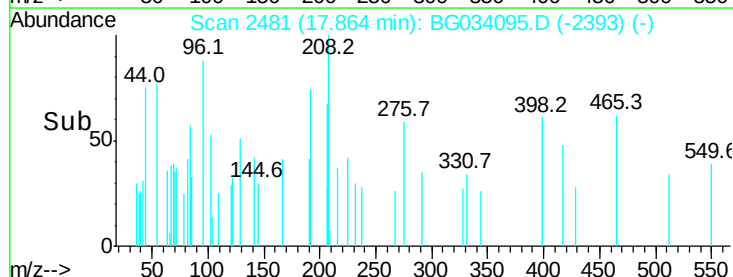
200

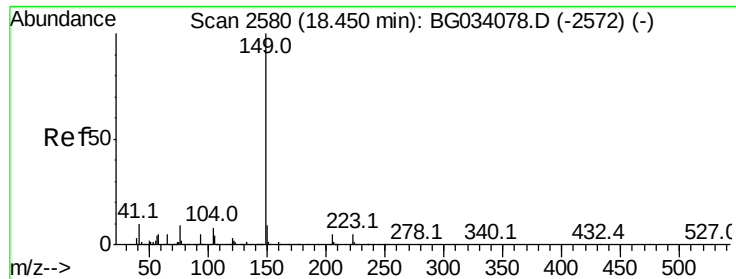
100

0

17.85 17.87

Time-->





#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

ClientSampled :

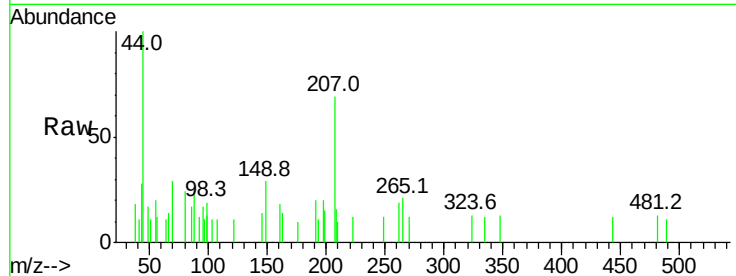
Tot Ion:149 Resp: 274

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

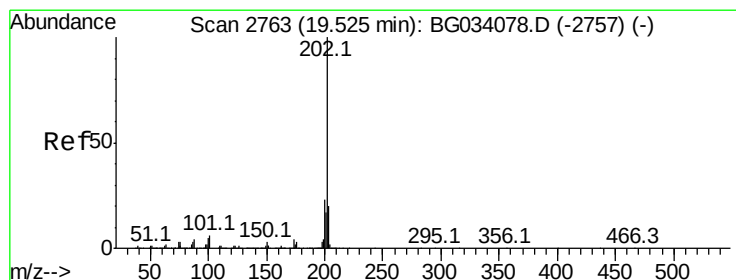
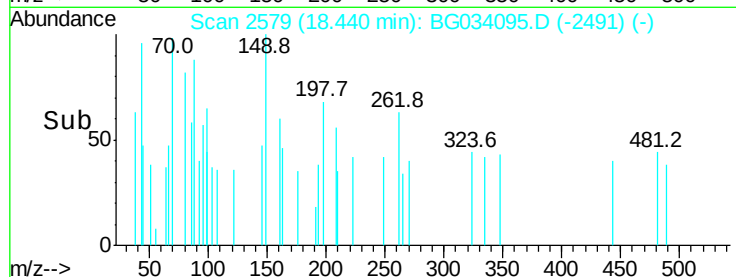
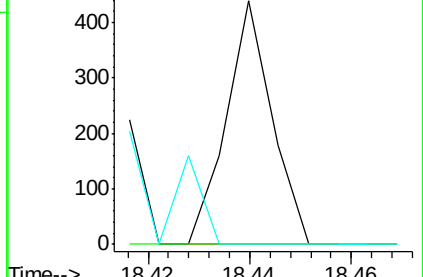
104 0.0 3.9 5.9#



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

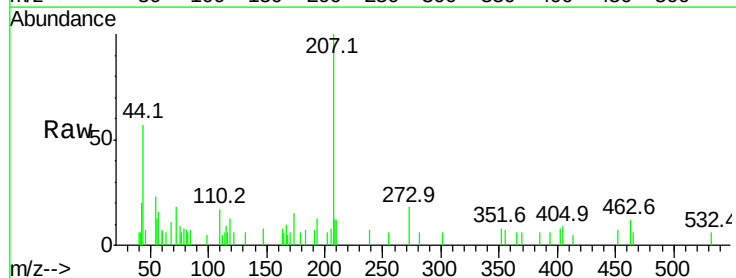
Tgt Ion:202 Resp: 59

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

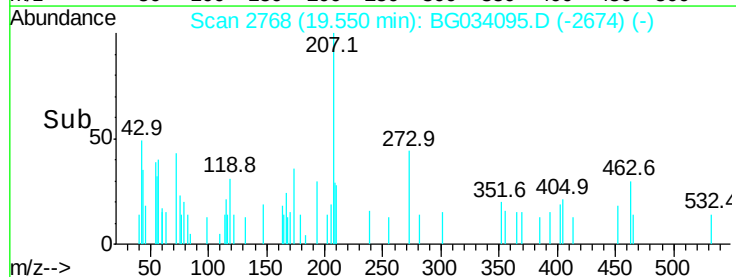
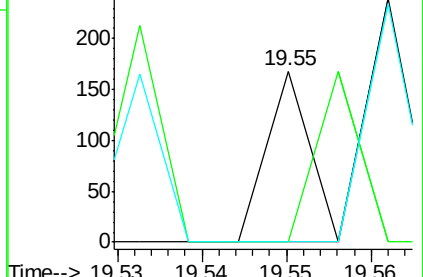
203 0.0 0.0 37.5

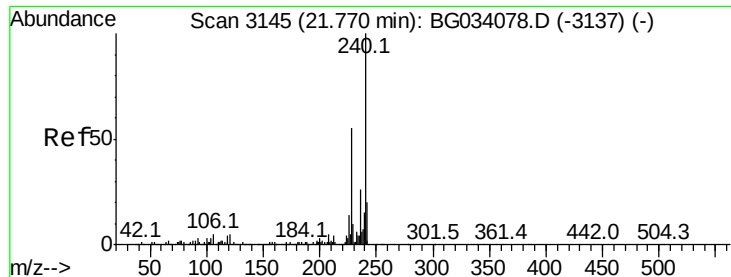


Abundance Ion 202.00 (201.70 to 202.70): E

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 :

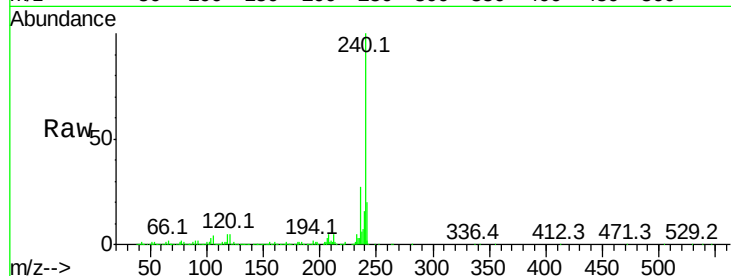
Tot Ion:240 Resp: 763808

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

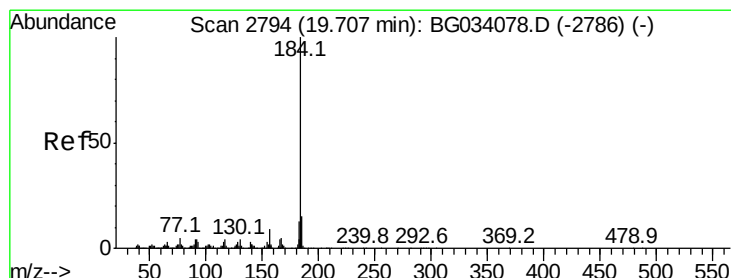
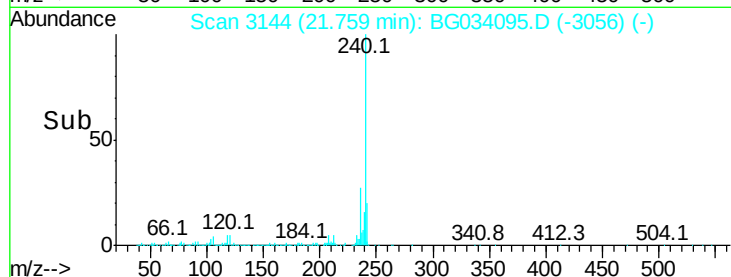
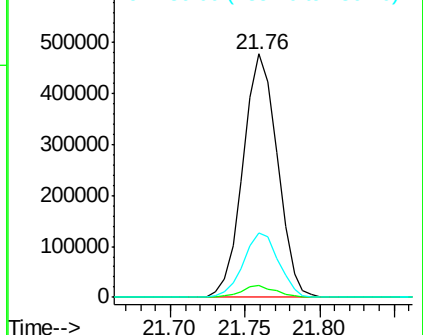
236 26.5 20.9 31.3



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

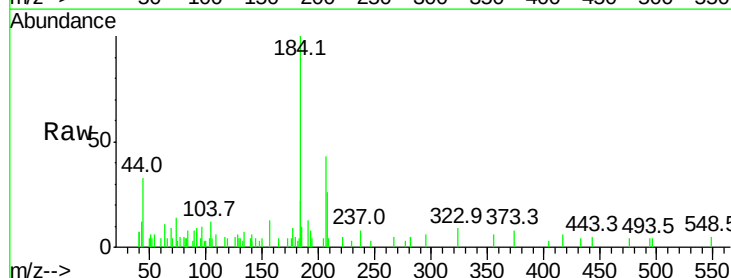
Tgt Ion:184 Resp: 7423

Ion Ratio Lower Upper

184 100

185 9.8 11.1 16.7#

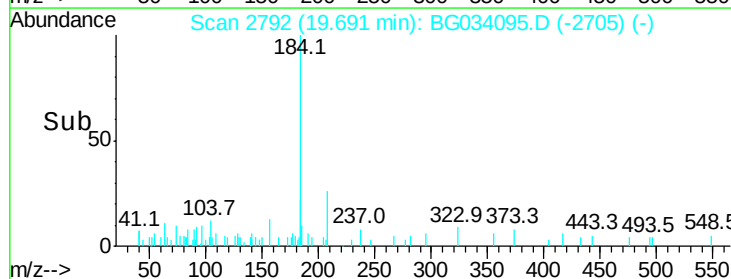
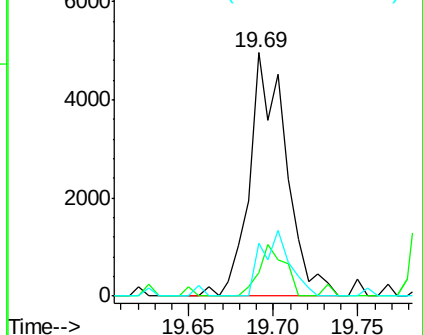
183 21.7 10.6 16.0#

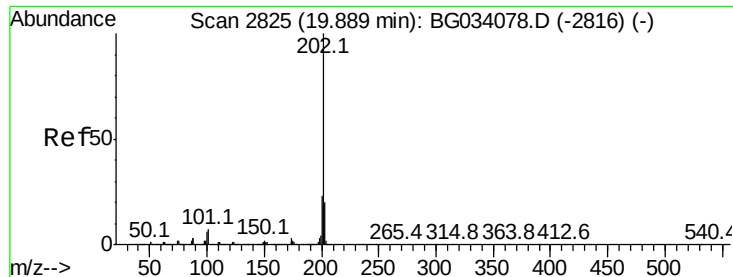


Abundance Ion 184.00 (183.70 to 184.70): E

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 :

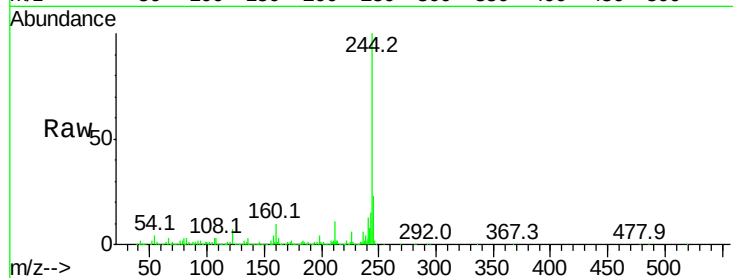
Tot Ion:202 Resp: 13808

Ion Ratio Lower Upper

202 100

200 32.7 16.9 25.3#

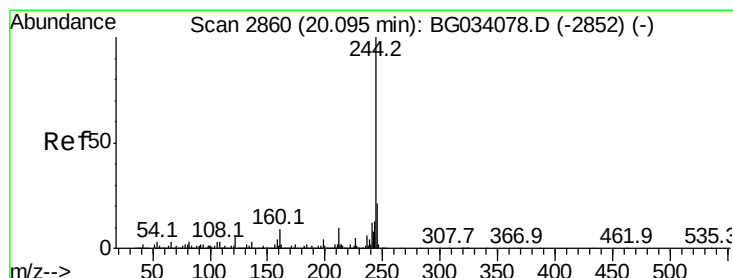
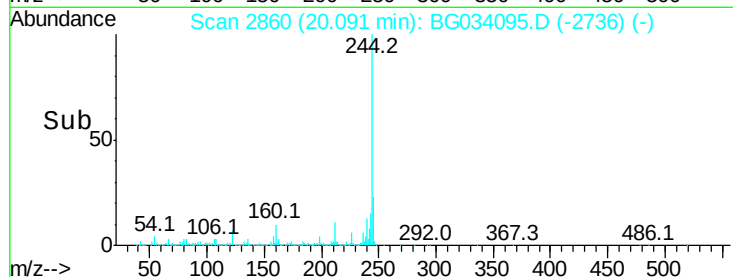
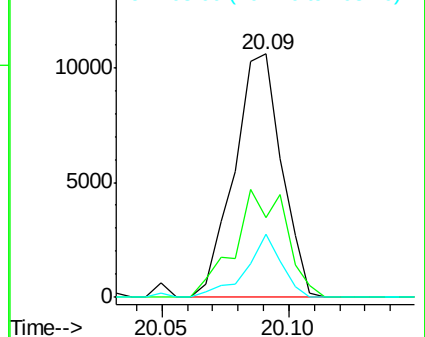
203 25.8 13.9 20.9#



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

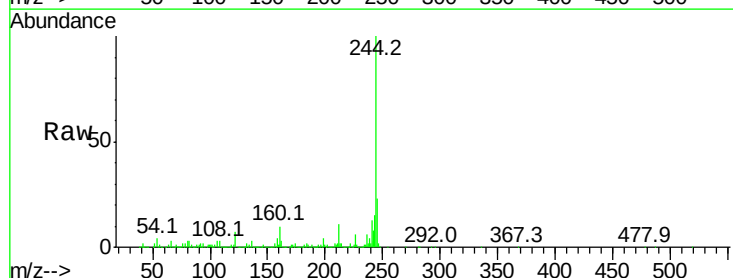
Tgt Ion:244 Resp: 2725350

Ion Ratio Lower Upper

244 100

212 10.6 5.8 8.8#

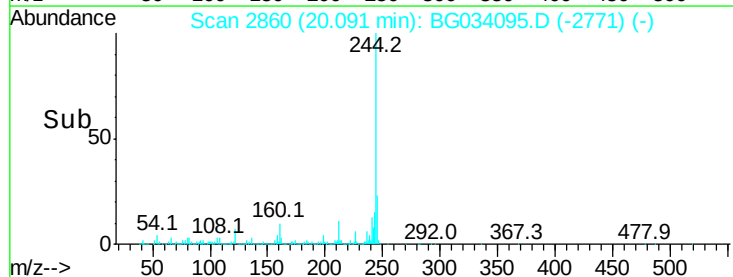
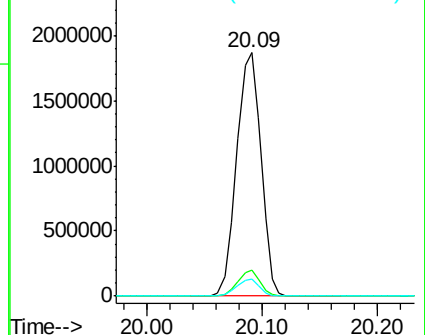
122 6.8 7.0 10.4#

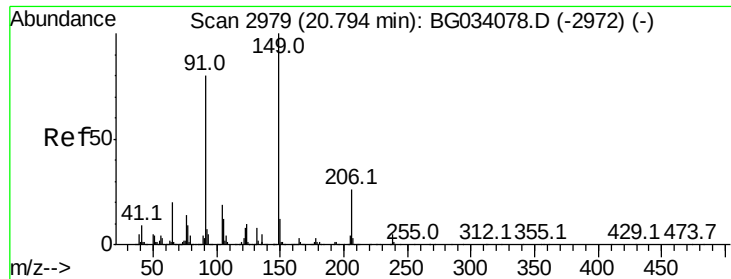


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

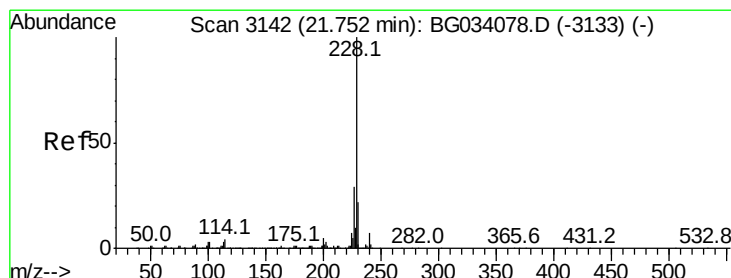
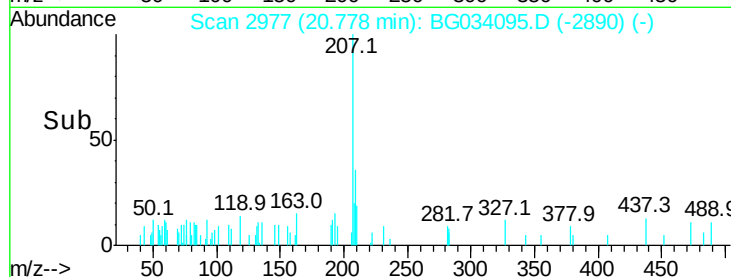
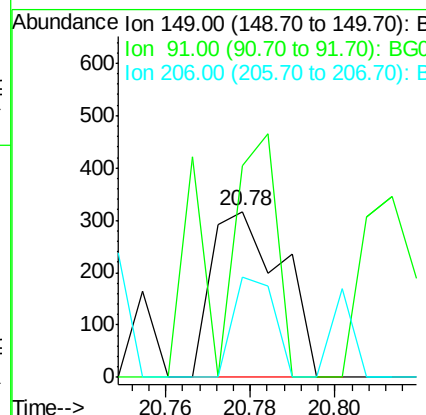
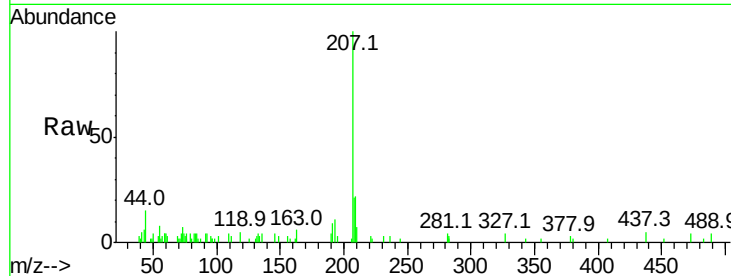




#79
Butylbenzylphthalate
Concen: 0.020 ng
RT: 20.78 min Scan# 2977
Delta R.T. -0.02 min
Lab File: BG034095.D
Acq: 2 May 2018 1:35

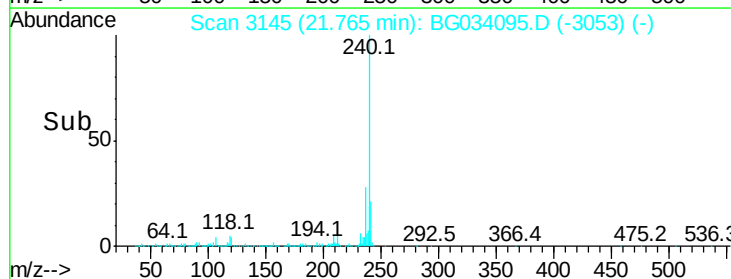
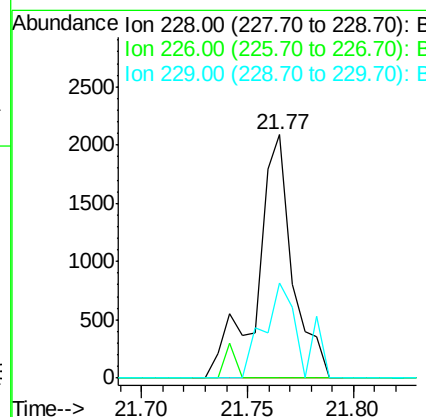
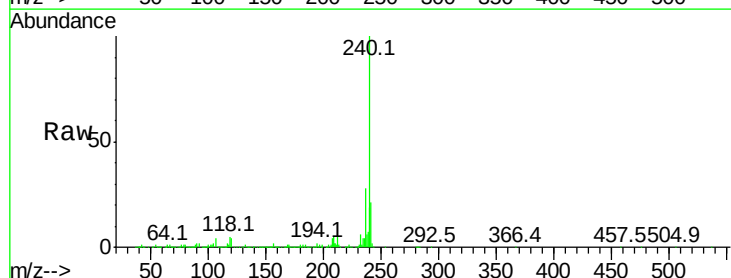
Instrument :
BNA_G
ClientSampled :

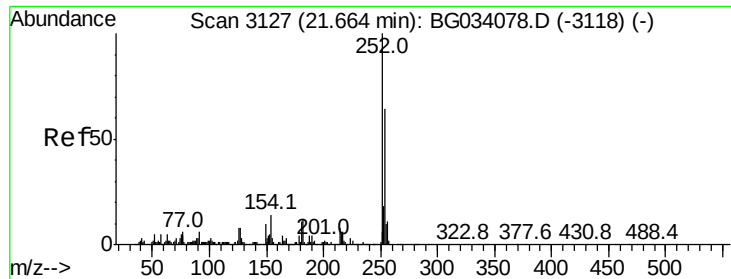
Tot Ion:149 Resp: 368
Ion Ratio Lower Upper
149 100
91 127.8 62.2 93.2#
206 60.3 18.6 27.8#



#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

ClientSampled :

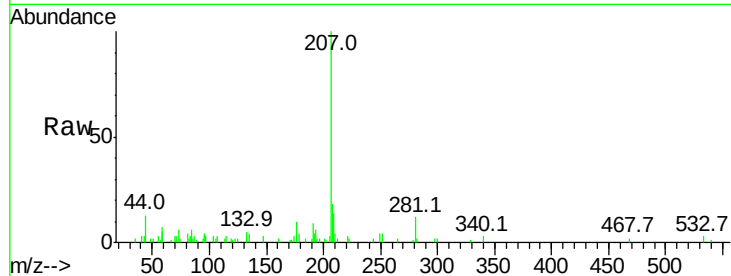
Tot Ion:252 Resp: 212

Ion Ratio Lower Upper

252 100

254 0.0 50.8 76.2#

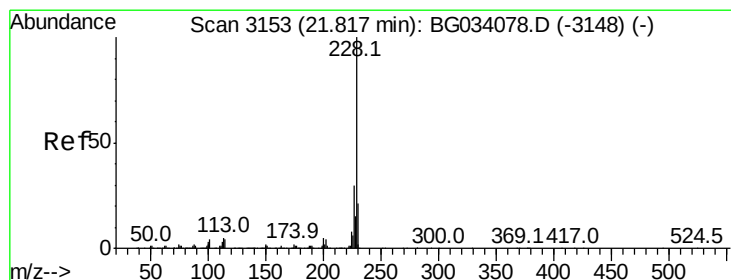
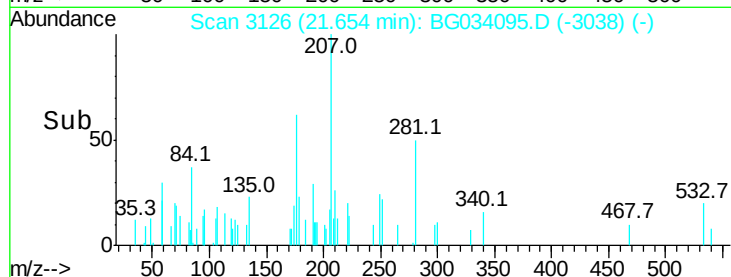
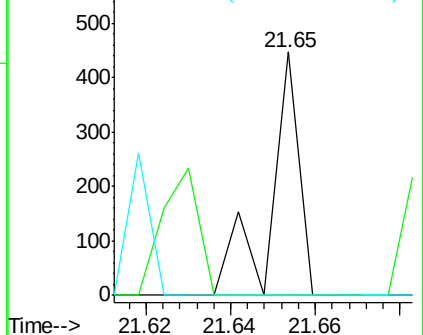
126 0.0 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 0.052 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.05 min

Lab File: BG034095.D

Acq: 2 May 2018 1:35

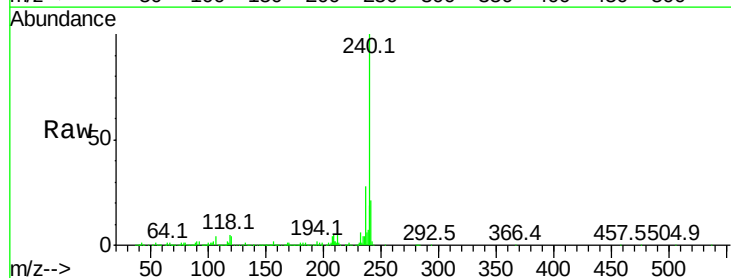
Tgt Ion:228 Resp: 2454

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

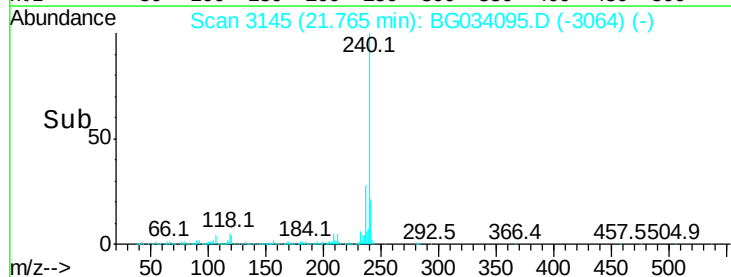
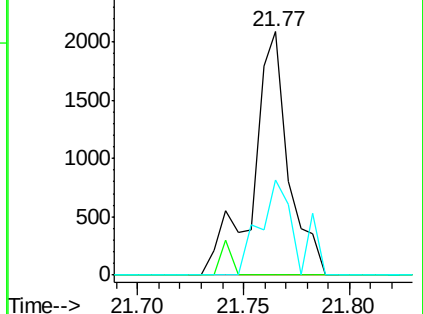
229 38.9 15.0 22.4#

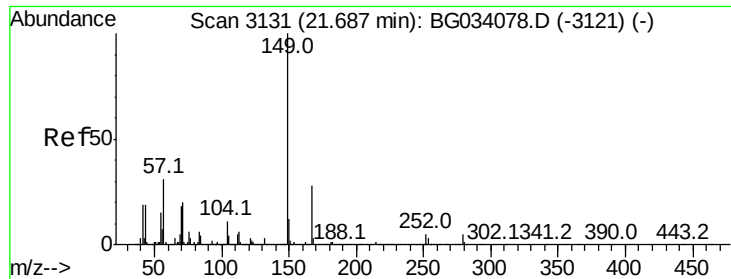


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

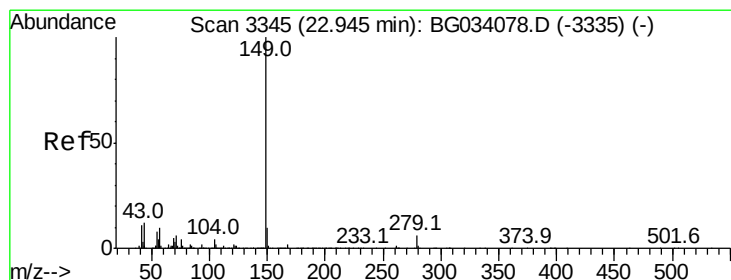
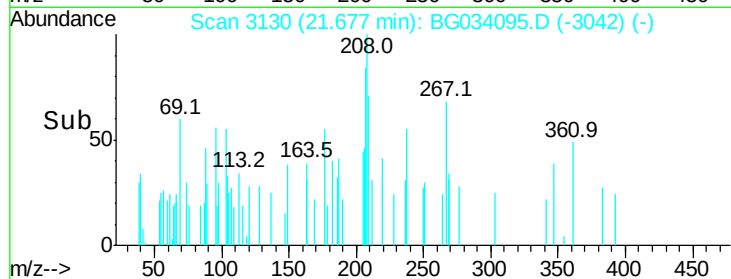
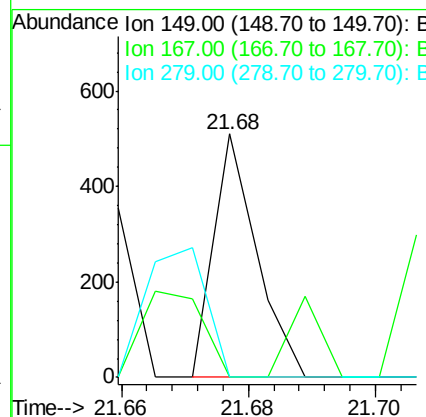
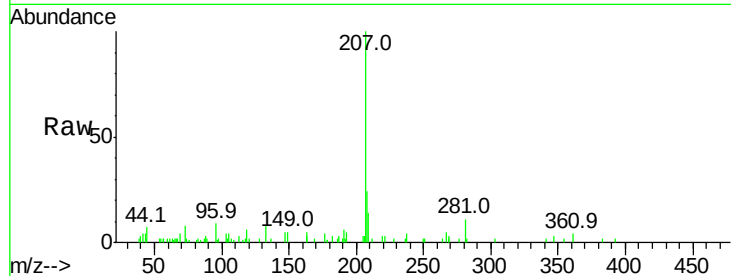




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.009 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG034095.D
 Acq: 2 May 2018 1:35

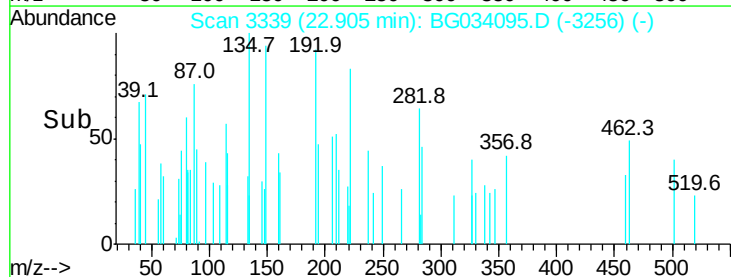
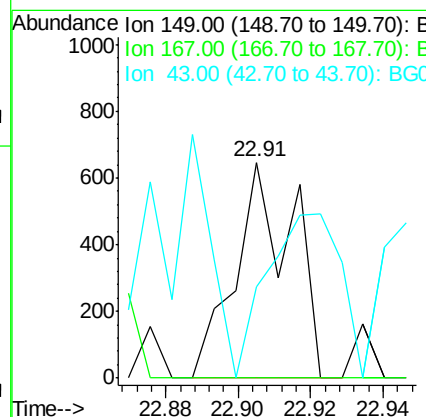
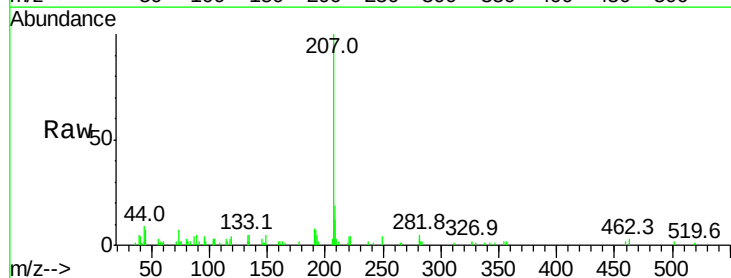
Instrument :
 BNA_G
 ClientSampled :

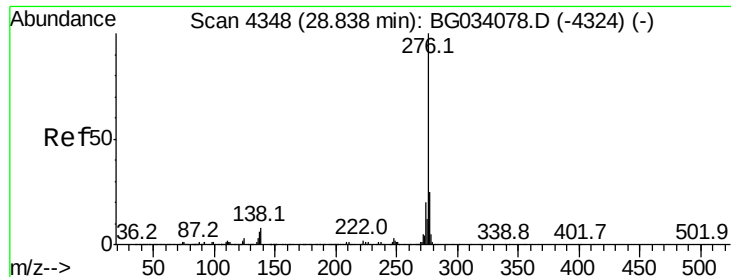
Tot Ion	Ratio	Lower	Upper
149	100		
167	0.0	24.3	36.5#
279	0.0	4.0	6.0#



#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	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	98.2	8.9	13.3#





#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

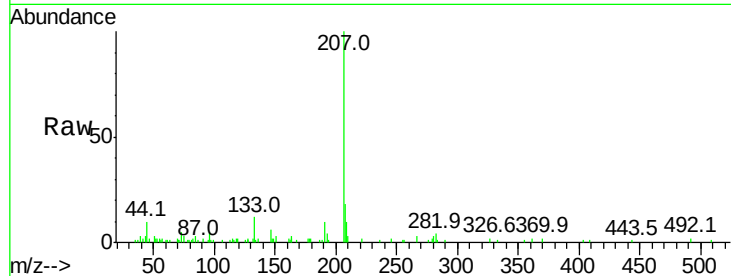
Acq: 2 May 2018 1:35

Instrument :

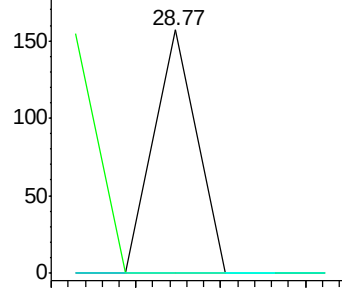
BNA_G

ClientSampleId :

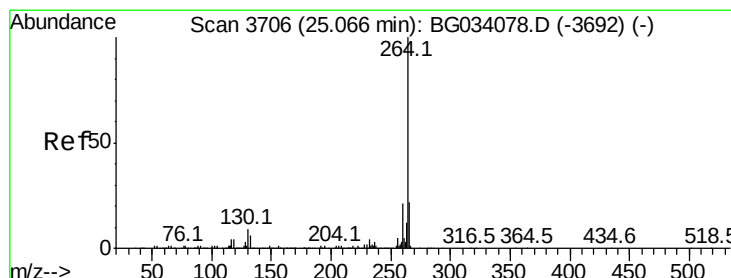
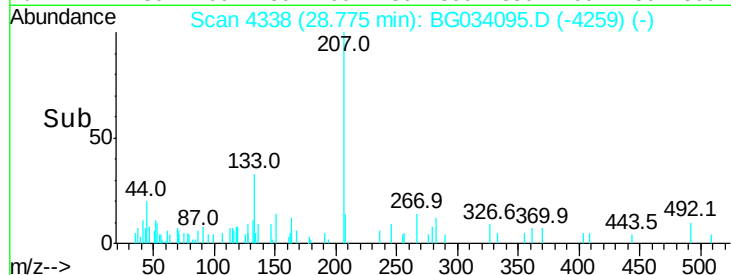
Tot Ion:	276	Resp:	55
Ion	Ratio	Lower	Upper
276	100		
138	100.0	16.0	24.0#
277	0.0	20.0	30.0#



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



Time--> 28.76 28.77 28.78 28.79



#86

Perylene-d12

Concen: 20.000 ng

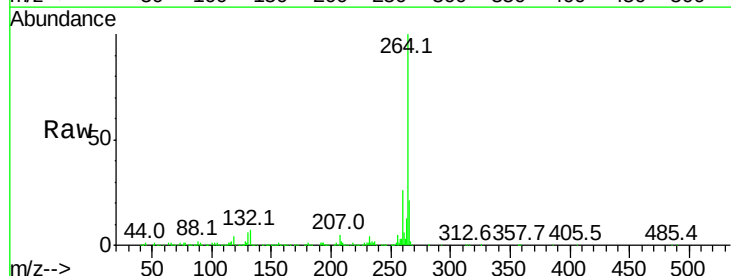
RT: 25.05 min Scan# 3704

Delta R.T. -0.02 min

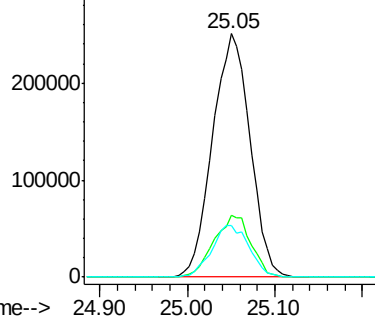
Lab File: BG034095.D

Acq: 2 May 2018 1:35

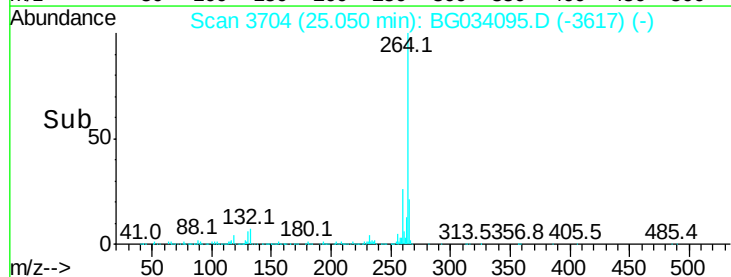
Tgt Ion:	264	Resp:	734164
Ion	Ratio	Lower	Upper
264	100		
260	25.6	17.4	26.0
265	21.0	17.7	26.5

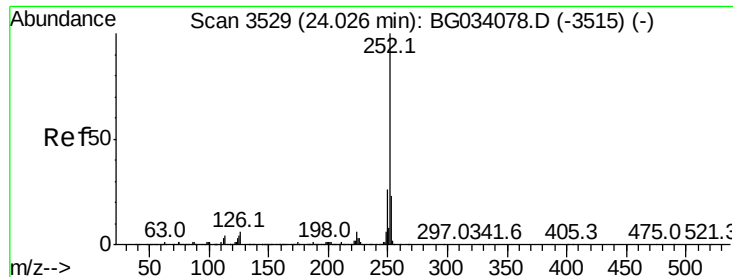


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time--> 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

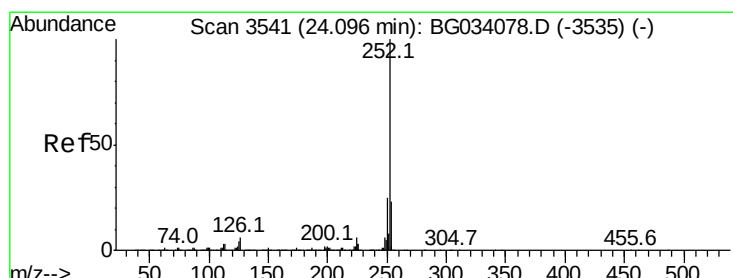
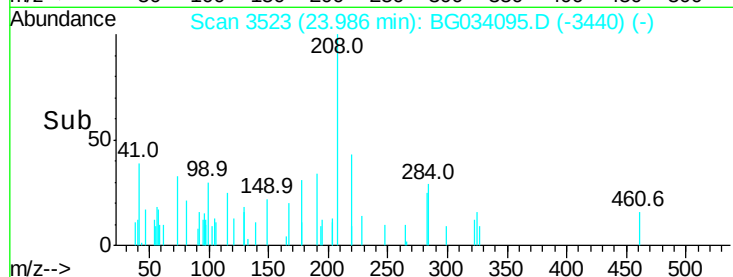
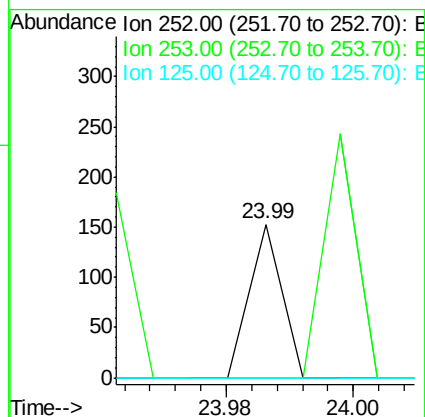
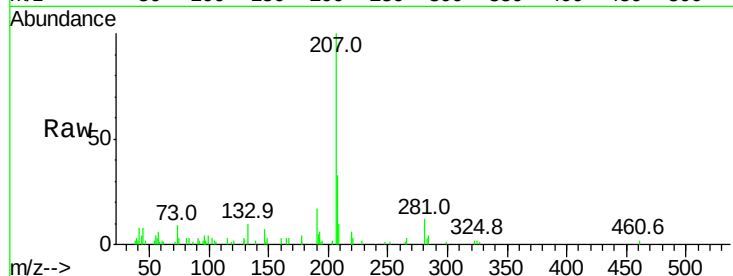
Acq: 2 May 2018 1:35

Instrument :

BNA_G

ClientSampleId :

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#



#88

Benzo(k)fluoranthene

Concen: 0.002 ng

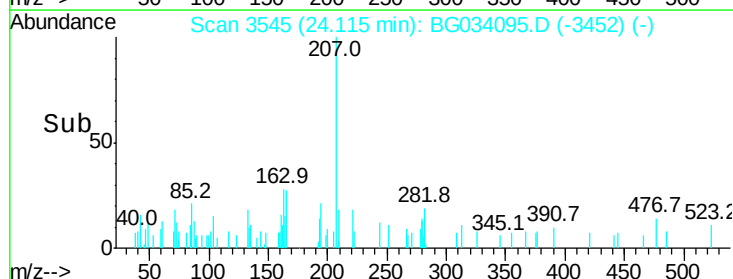
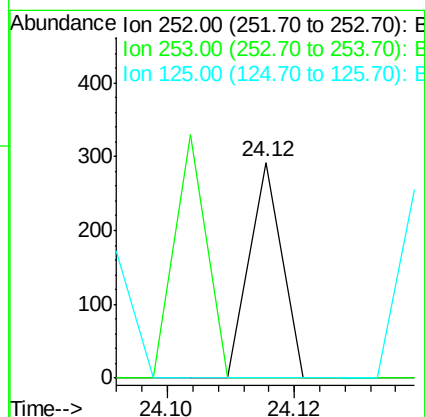
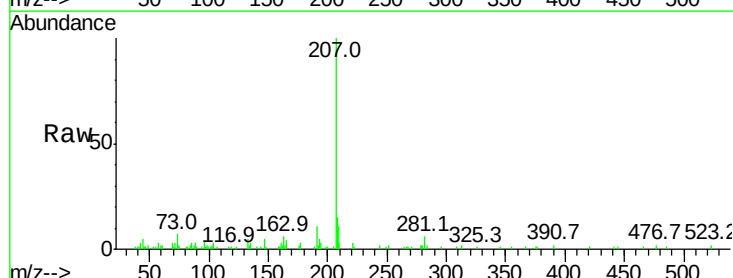
RT: 24.12 min Scan# 3545

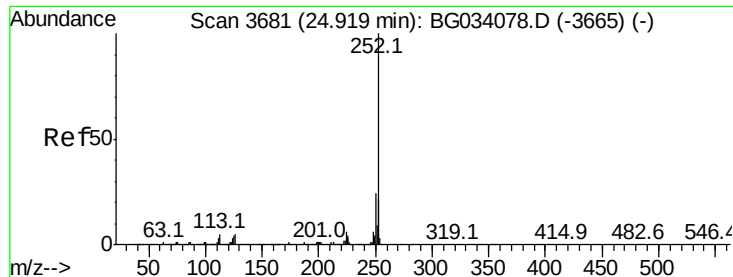
Delta R.T. 0.02 min

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#





#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

ClientSampleId :

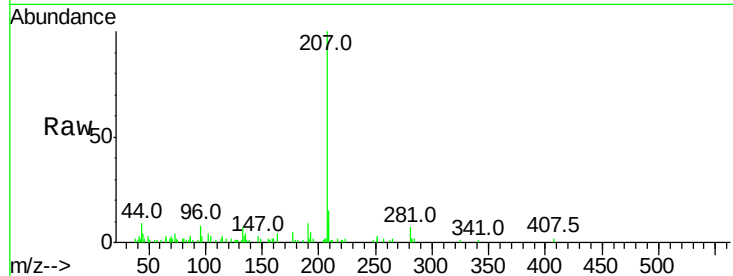
Tot Ion:252 Resp: 238

Ion Ratio Lower Upper

252 100

253 0.0 18.3 27.5#

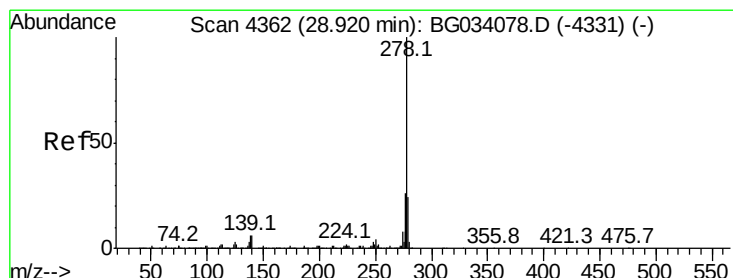
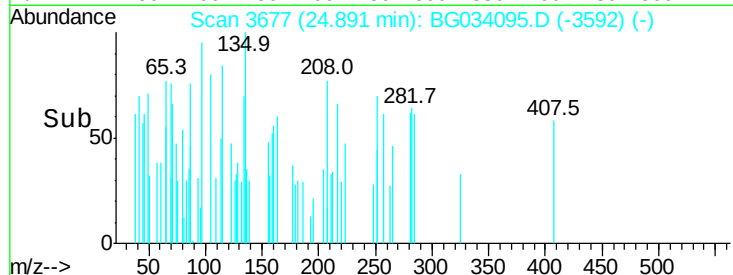
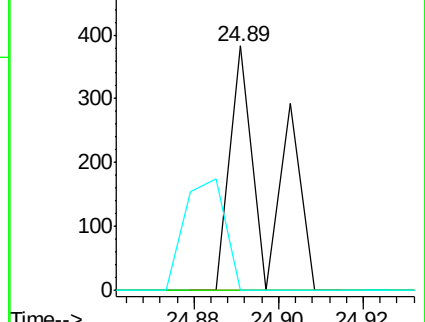
125 0.0 7.3 10.9#



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

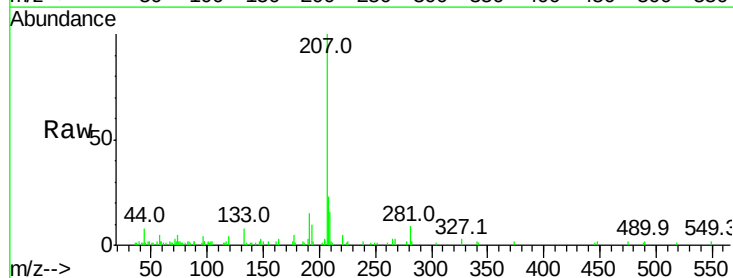
Tgt Ion:278 Resp: 103

Ion Ratio Lower Upper

278 100

139 0.0 9.8 14.6#

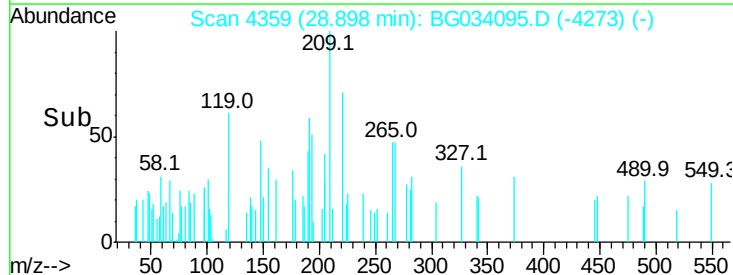
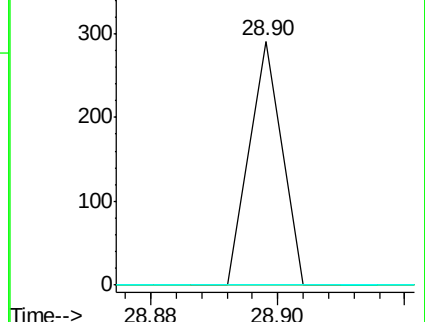
279 0.0 18.4 27.6#

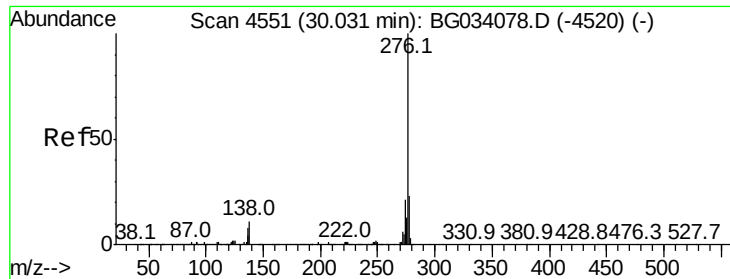


Abundance Ion 278.00 (277.70 to 278.70): E

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 :

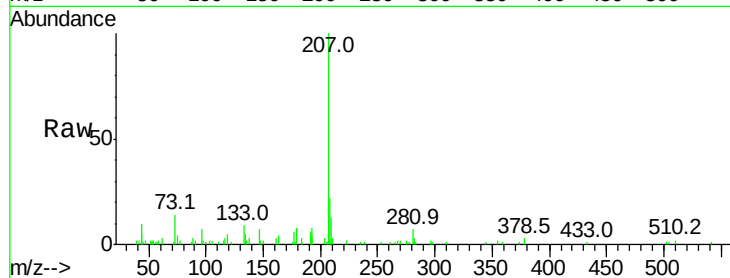
Tot Ion:276 Resp: 122

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

