

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034085.D
 Acq On : 1 May 2018 19:12
 Operator : SJ/JU
 Sample : PB108302BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108302BL

Quant Time: May 02 05:34:06 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	67320	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	267683	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	213454	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	600741	20.00	ng	0.00
75) Chrysene-d12	21.76	240	727903	20.00	ng	0.00
86) Perylene-d12	25.06	264	690043	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	554793	133.15	ng	0.00
7) Phenol-d6	7.22	99	832253	128.30	ng	0.00
23) Nitrobenzene-d5	9.24	82	571287	81.88	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	385306	130.36	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1216627	83.05	ng	0.00
78) Terphenyl-d14	20.09	244	2634429	79.28	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.57	88	388	0.222	ng	# 1
3) Pyridine	3.92	79	587	0.107	ng	# 15
4) n-Nitrosodimethylamine	3.85	42	551	0.184	ng	# 1
6) Aniline	7.40	93	315	0.036	ng	# 41
8) 2-Chlorophenol	7.63	128	253	0.061	ng	# 1
10) Phenol	7.26	94	130	0.020	ng	# 1
11) bis(2-Chloroethyl)ether	7.49	93	61	0.012	ng	# 16
12) 1,3-Dichlorobenzene	7.97	146	56	0.011	ng	# 1
13) 1,4-Dichlorobenzene	8.07	146	148	0.028	ng	# 1
14) 1,2-Dichlorobenzene	8.47	146	78	0.016	ng	# 25
15) Benzyl Alcohol	8.39	79	11614	1.678	ng	# 56
16) 2,2'-oxybis(1-Chloropropan	8.58	45	67	0.009	ng	# 75
17) 2-Methylphenol	8.53	107	99	0.023	ng	# 25
18) Hexachloroethane	9.25	117	69	0.031	ng	# 1
20) 3+4-Methylphenols	8.87	107	255	0.040	ng	# 1
22) Acetophenone	8.92	105	55	0.006	ng	# 21
24) Nitrobenzene	9.29	77	537	0.070	ng	# 42
25) Isophorone	9.82	82	65	0.005	ng	# 69
26) 2-Nitrophenol	9.97	139	127	0.060	ng	# 1
27) 2,4-Dimethylphenol	10.38	122	260	0.063	ng	# 96
28) bis(2-Chloroethoxy)methane	10.28	93	87	0.012	ng	# 50
29) 2,4-Dichlorophenol	10.58	162	233	0.048	ng	# 23
30) 1,2,4-Trichlorobenzene	10.76	180	59	0.010	ng	# 12
31) Naphthalene	10.95	128	105	0.007	ng	# 68
33) 4-Chloroaniline	11.05	127	130	0.020	ng	# 46
34) Hexachlorobutadiene	11.20	225	78	0.016	ng	# 20
35) Caprolactam	11.85	113	101	0.058	ng	# 1
36) 4-Chloro-3-methylphenol	12.19	107	99	0.016	ng	# 22
37) 2-Methylnaphthalene	12.62	142	54	0.005	ng	# 17
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	68	0.008	ng	# 25
40) Hexachlorocyclopentadiene	12.94	237	133	0.027	ng	# 22
42) 2,4,6-Trichlorophenol	13.14	196	62	0.013	ng	# 64
43) 2,4,5-Trichlorophenol	13.22	196	71	0.013	ng	# 17
45) 1,1'-Biphenyl	13.55	154	3077	0.185	ng	# 91

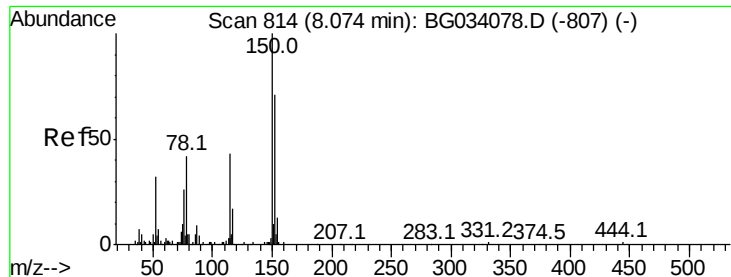
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034085.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) 2-Chloronaphthalene	13.63	162	53	0.004	ng	#	1
47) 2-Nitroaniline	13.76	65	106	0.021	ng	#	42
48) Acenaphthylene	14.44	152	66	0.003	ng	#	59
49) Dimethylphthalate	13.68	163	288	0.016	ng	#	77
51) Acenaphthene	14.78	154	120	0.009	ng	#	5
52) 3-Nitroaniline	14.66	138	53	0.015	ng	#	1
53) 2,4-Dinitrophenol	14.84	184	75	0.054	ng	#	9
54) Dibenzofuran	15.09	168	133	0.007	ng	#	46
55) 4-Nitrophenol	14.84	139	71	0.026	ng	#	40
57) Fluorene	16.20	166	9901	0.572	ng	#	84
58) 2,3,4,6-Tetrachlorophenol	15.30	232	153	0.028	ng	#	1
59) Diethylphthalate	15.54	149	122	0.006	ng	#	58
60) 4-Chlorophenyl-phenylether	15.65	204	91	0.009	ng	#	30
61) 4-Nitroaniline	15.77	138	85	0.022	ng	#	45
62) Azobenzene	16.04	77	120	0.006	ng	#	48
64) 4,6-Dinitro-2-methylphenol	15.76	198	106	0.038	ng	#	26
65) n-Nitrosodiphenylamine	16.20	169	15352	0.937	ng	#	46
67) Hexachlorobenzene	16.82	284	66	0.009	ng	#	41
68) Atrazine	16.91	200	95	0.927	ng	#	35
69) Pentachlorophenol	17.17	266	90	0.017	ng	#	19
70) Phenanthrene	17.54	178	65	0.002	ng	#	1
71) Anthracene	17.54	178	65	0.002	ng	#	1
72) Carbazole	17.85	167	153	0.005	ng	#	59
73) Di-n-butylphthalate	18.44	149	598	0.017	ng	#	78
74) Fluoranthene	19.53	202	57	0.001	ng	#	65
76) Benzidine	19.70	184	2783	0.148	ng	#	66
77) Pyrene	20.09	202	13068	0.287	ng	#	62
79) Butylbenzylphthalate	20.77	149	915	0.051	ng	#	76
80) Benzo(a)anthracene	21.77	228	2643	0.057	ng	#	69
81) 3,3'-Dichlorobenzidine	21.66	252	379	0.021	ng	#	96
82) Chrysene	21.77	228	2643	0.059	ng	#	65
83) Bis(2-ethylhexyl)phthalate	21.67	149	860	0.035	ng	#	85
84) Di-n-octyl phthalate	22.93	149	127	0.003	ng	#	39
85) Indeno(1,2,3-cd)pyrene	28.83	276	139	0.003	ng	#	3
87) Benzo(b)fluoranthene	24.05	252	272	0.006	ng	#	1
88) Benzo(k)fluoranthene	24.09	252	185	0.004	ng	#	60
89) Benzo(a)pyrene	24.92	252	107	0.003	ng	#	59
90) Dibenzo(a,h)anthracene	28.84	278	215	0.006	ng	#	10
91) Benzo(g,h,i)perylene	30.09	276	141	0.004	ng	#	1

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

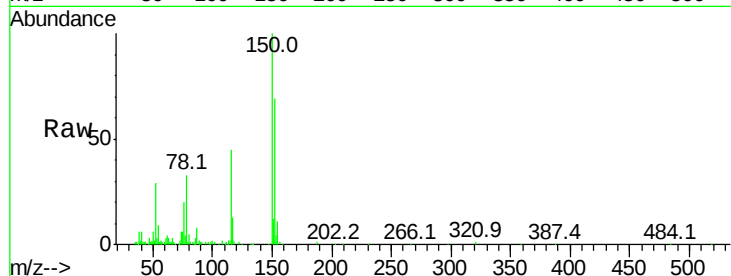


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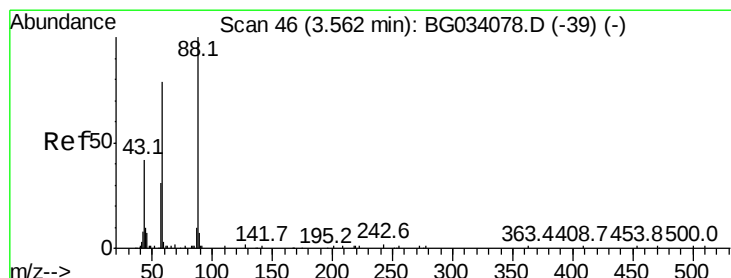
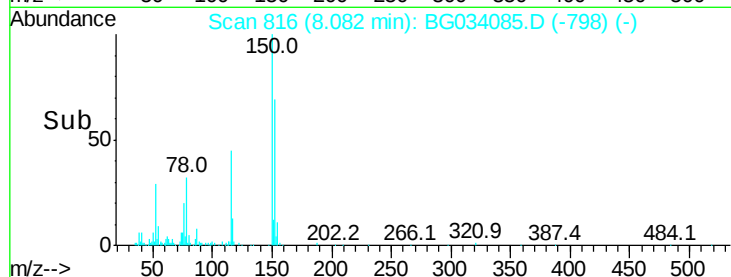
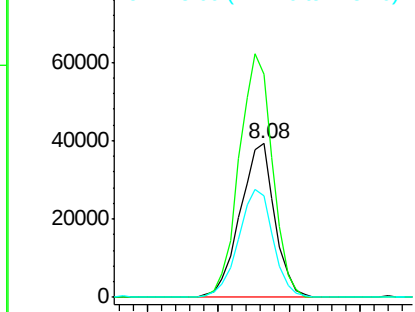
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. 0.01 min
Lab File: BG034085.D
Acq: 1 May 2018 19:12

Instrument :
BNA_G
ClientSampleId :
PB108302BL

Tot Ion:152 Resp: 67320
Ion Ratio Lower Upper
152 100
150 145.1 126.6 189.8
115 66.0 53.0 79.4



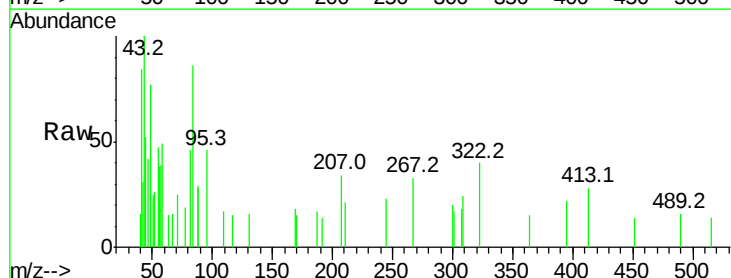
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



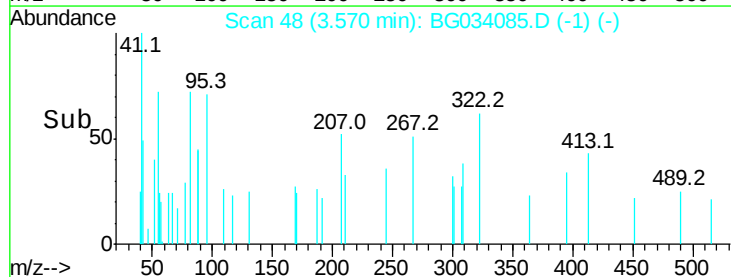
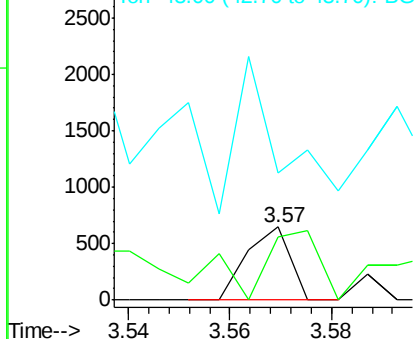
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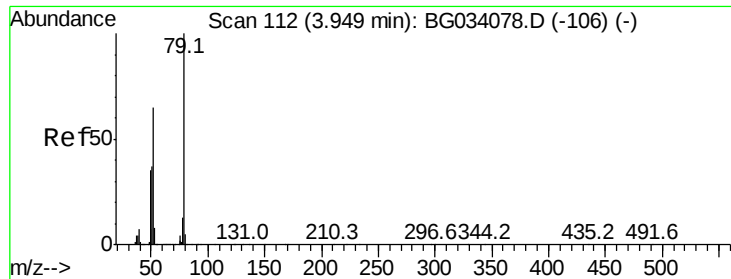
1,4-Dioxane
Concen: 0.222 ng
RT: 3.57 min Scan# 48
Delta R.T. 0.01 min
Lab File: BG034085.D
Acq: 1 May 2018 19:12

Tgt Ion: 88 Resp: 388
Ion Ratio Lower Upper
88 100
58 144.3 79.6 119.4#
43 227.8 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: 0.107 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.03 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

Instrument :

BNA_G

ClientSampleId :

PB108302BL

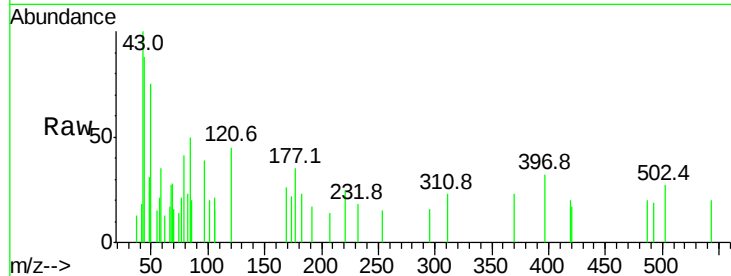
Tot Ion: 79 Resp: 587

Ion Ratio Lower Upper

79 100

52 0.0 69.9 104.9#

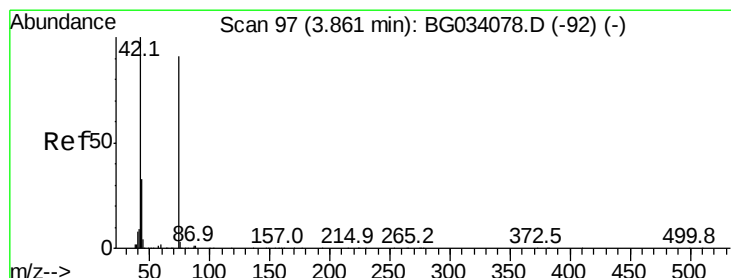
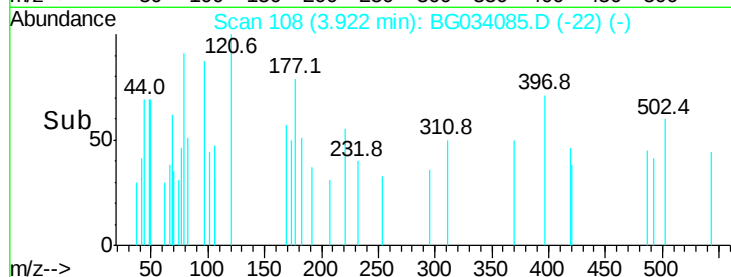
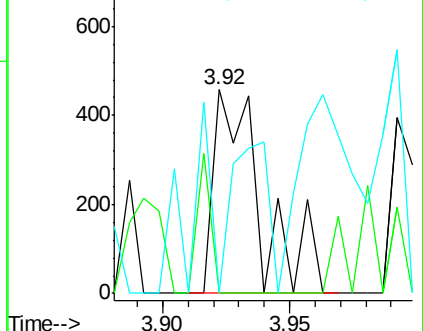
51 0.0 34.0 51.0#



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: 0.184 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.01 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

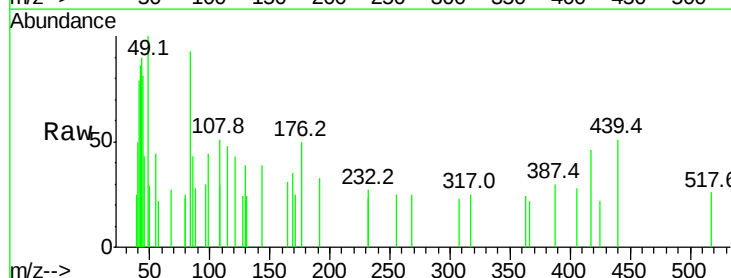
Tgt Ion: 42 Resp: 551

Ion Ratio Lower Upper

42 100

74 0.0 102.5 153.7#

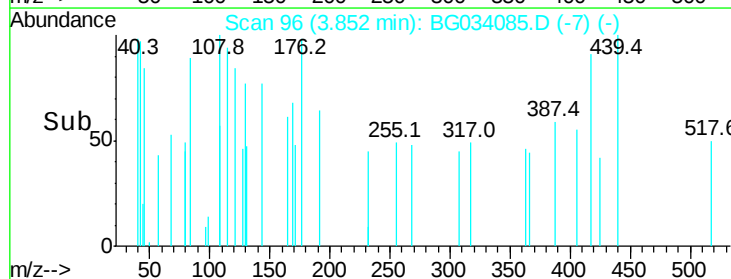
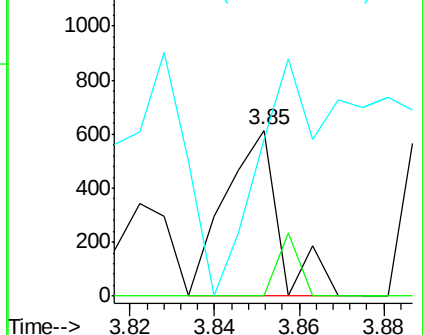
44 94.0 18.9 28.3#

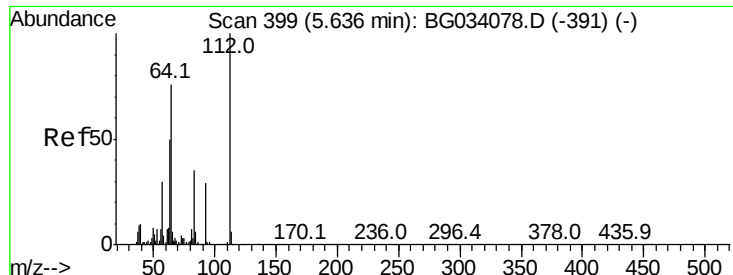


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 133.146 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.00 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

Instrument :

BNA_G

ClientSampleId :

PB108302BL

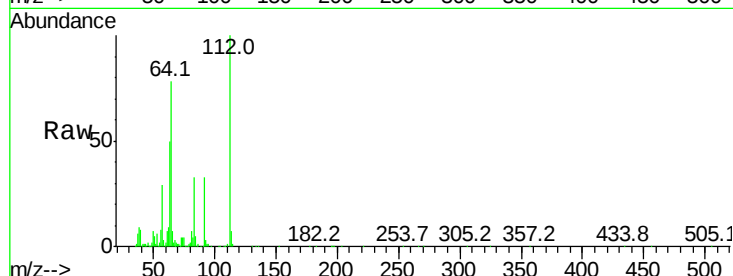
Tot Ion:112 Resp: 554793

Ion Ratio Lower Upper

112 100

64 77.8 56.3 84.5

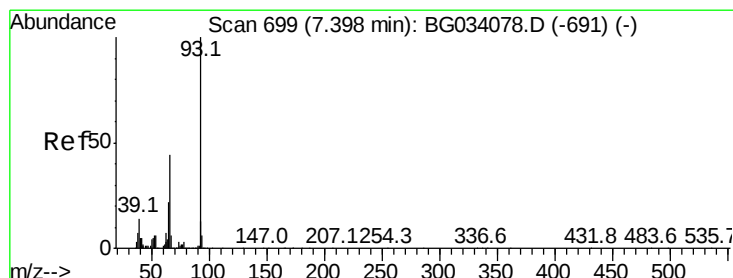
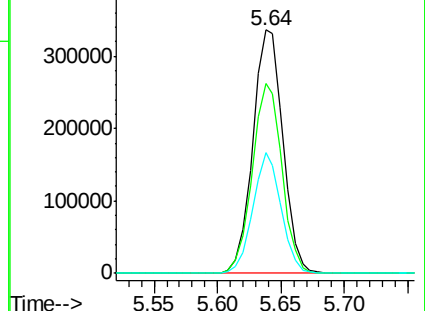
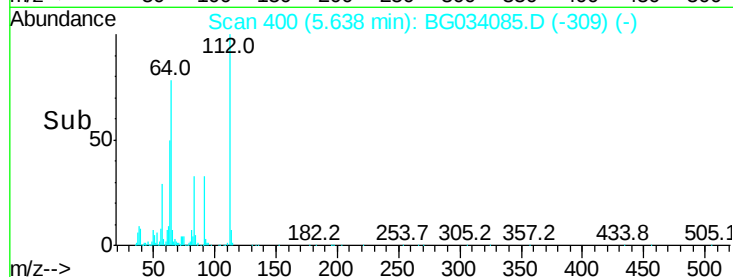
63 49.6 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.036 ng

RT: 7.40 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

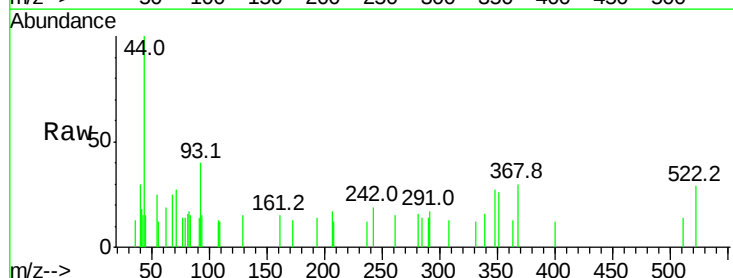
Tgt Ion: 93 Resp: 315

Ion Ratio Lower Upper

93 100

66 0.0 33.7 50.5#

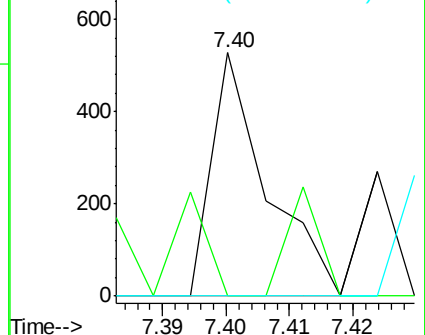
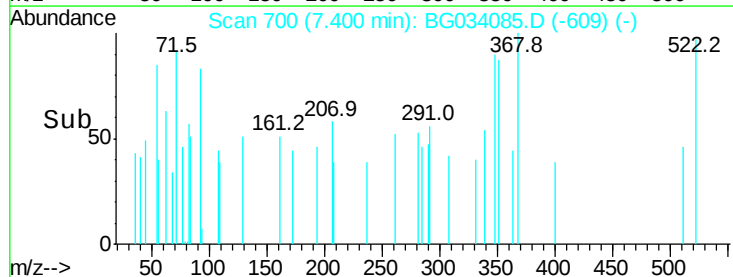
65 0.0 16.1 24.1#

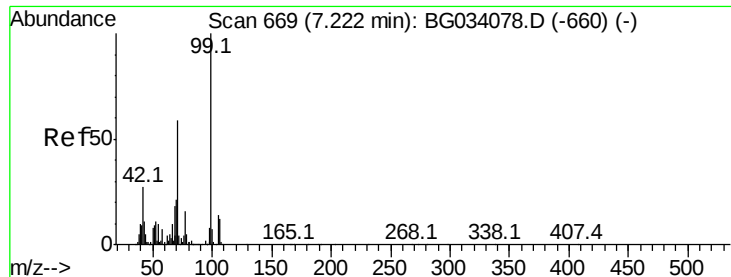


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.297 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

Instrument :

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ClientSampleId :

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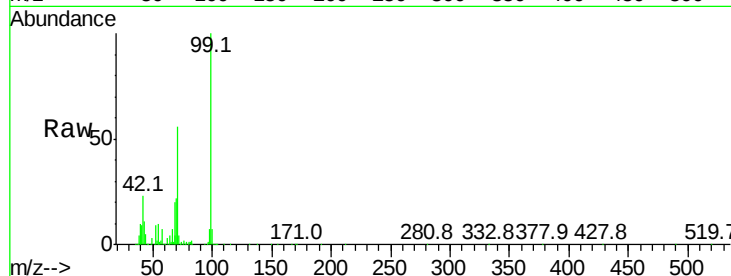
Tot Ion: 99 Resp: 832253

Ion Ratio Lower Upper

99 100

42 23.4 14.1 21.1#

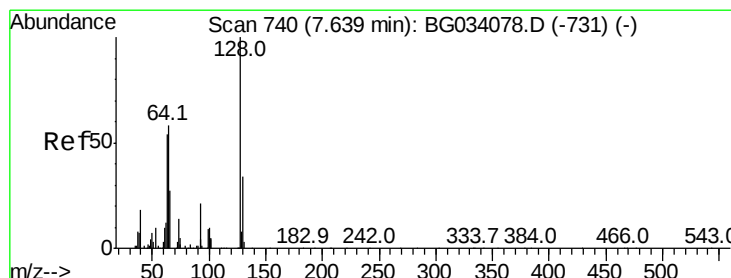
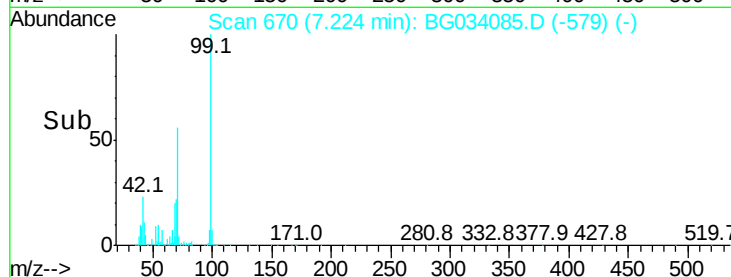
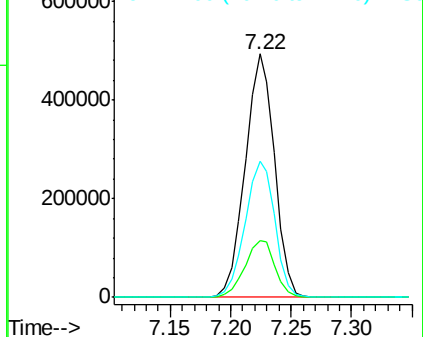
71 55.7 26.1 39.1#



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: 0.061 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.01 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

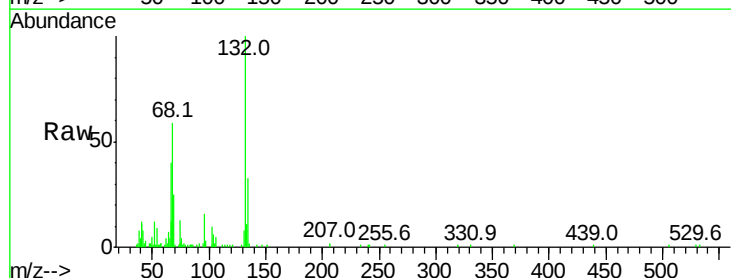
Tgt Ion:128 Resp: 253

Ion Ratio Lower Upper

128 100

130 0.0 14.0 54.0#

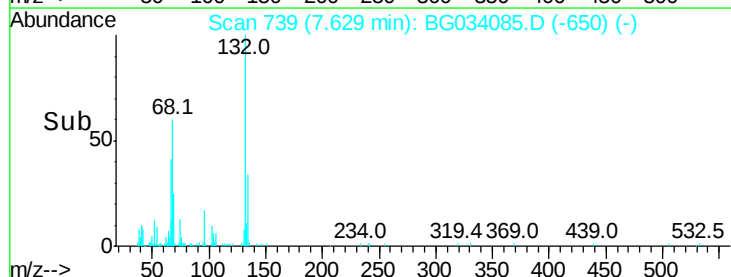
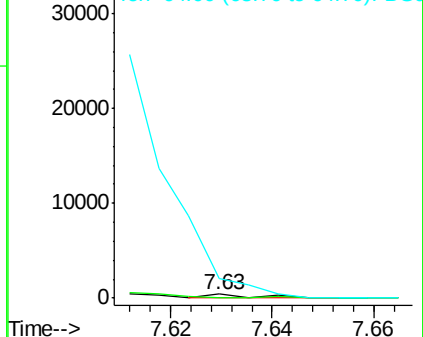
64 521.7 37.7 77.7#

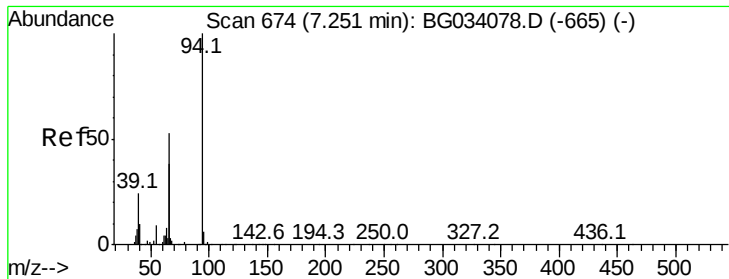


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#10

Phenol

Concen: 0.020 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.01 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

Instrument :

BNA_G

ClientSampleId :

PB108302BL

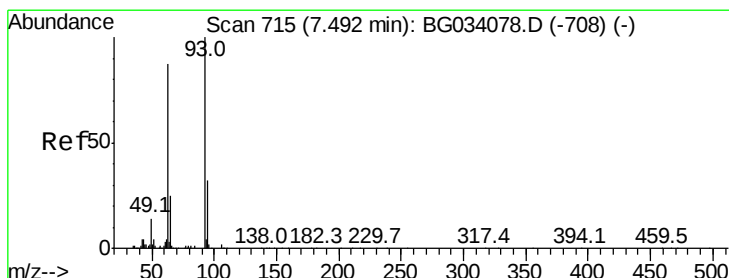
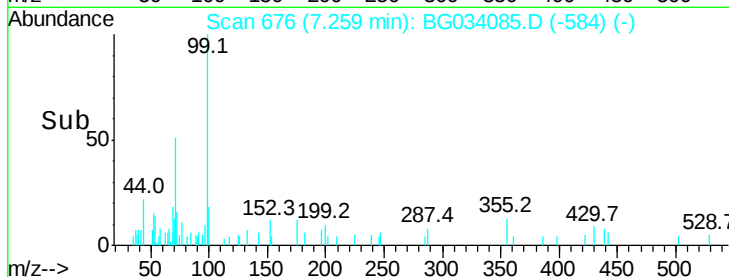
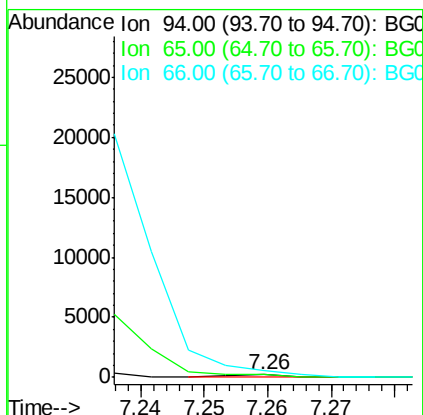
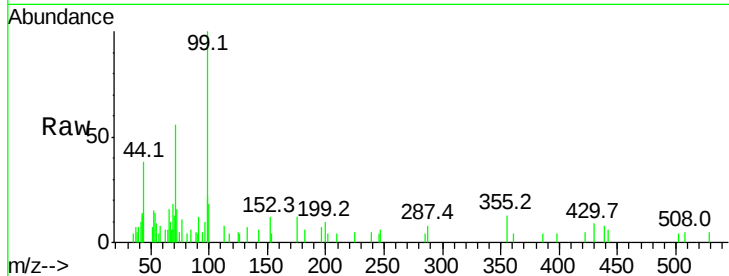
Tot Ion: 94 Resp: 130

Ion Ratio Lower Upper

94 100

65 123.1 11.9 51.9#

66 311.3 22.2 62.2#



#11

bis(2-Chloroethyl)ether

Concen: 0.012 ng

RT: 7.49 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

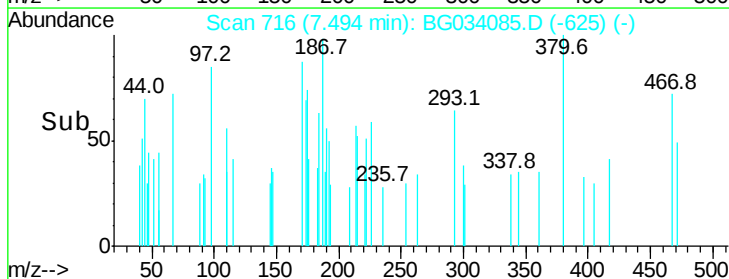
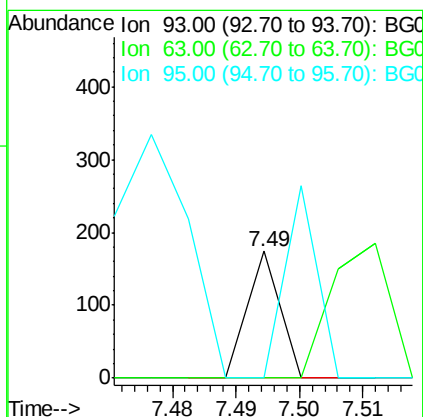
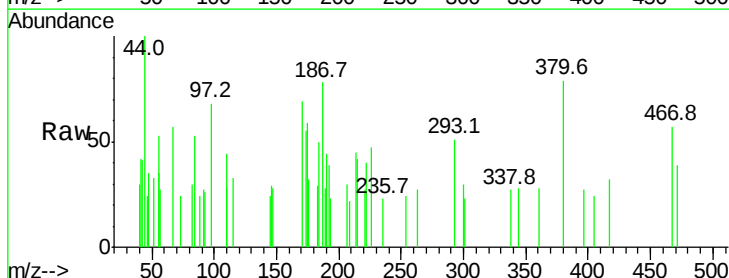
Tgt Ion: 93 Resp: 61

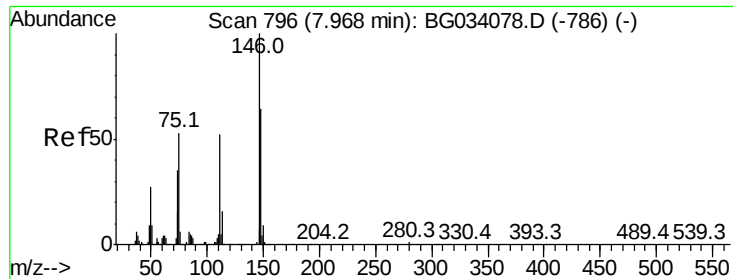
Ion Ratio Lower Upper

93 100

63 0.0 67.1 107.1#

95 0.0 11.5 51.5#





#12

1,3-Dichlorobenzene

Concen: 0.011 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

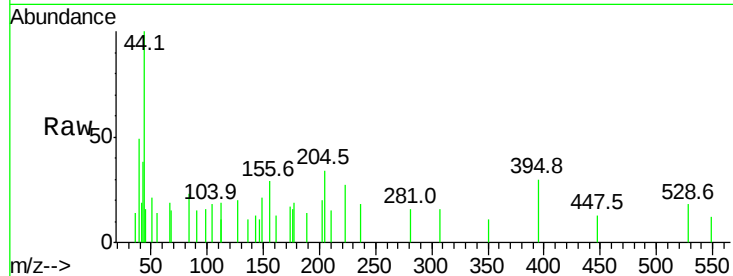
Instrument :

BNA_G

ClientSampleId :

PB108302BL

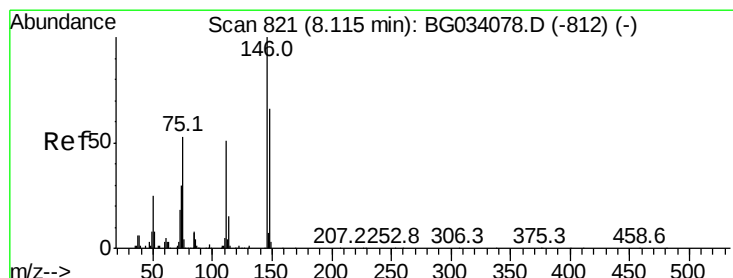
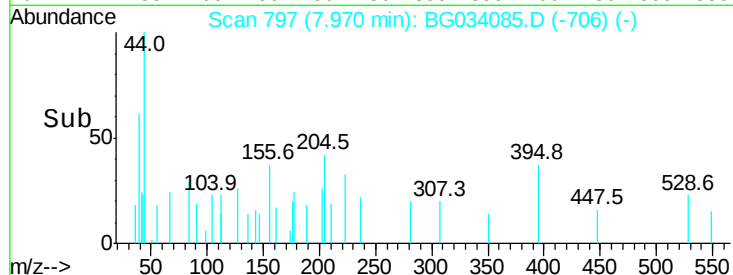
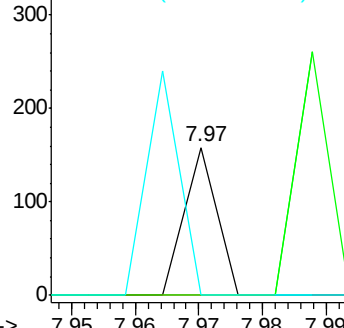
Tot Ion	Ratio	Lower	Upper
146	100		
148	189.9	51.4	77.2#
75	0.0	26.6	39.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC



#13

1,4-Dichlorobenzene

Concen: 0.028 ng

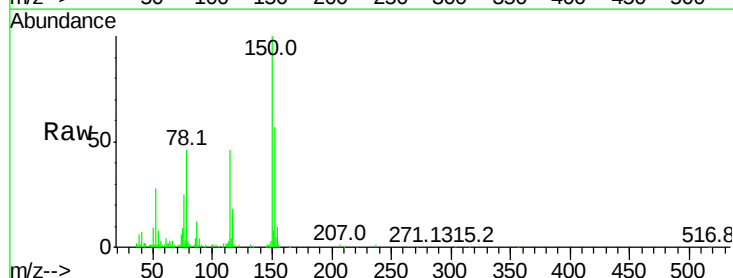
RT: 8.07 min Scan# 814

Delta R.T. -0.04 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

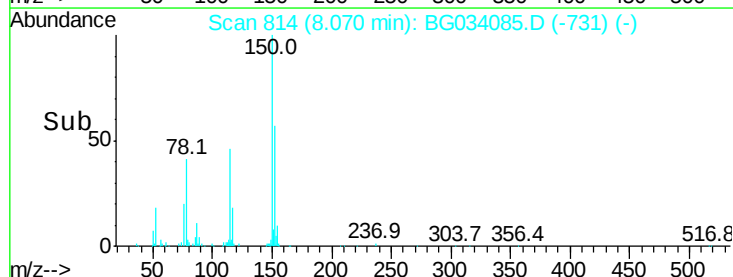
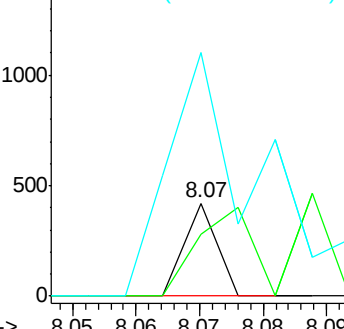
Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	53.7	80.5
111	262.4	35.2	52.8#

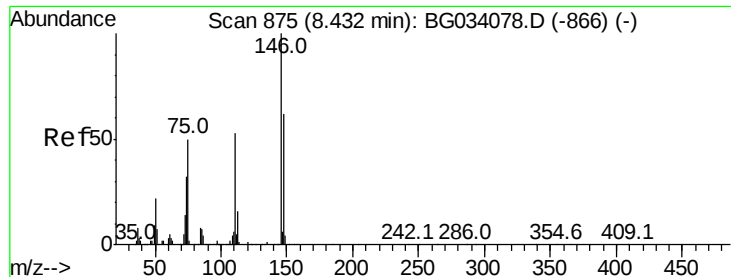


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.016 ng

RT: 8.47 min Scan# 882

Delta R.T. 0.04 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

Instrument :

BNA_G

ClientSampleId :

PB108302BL

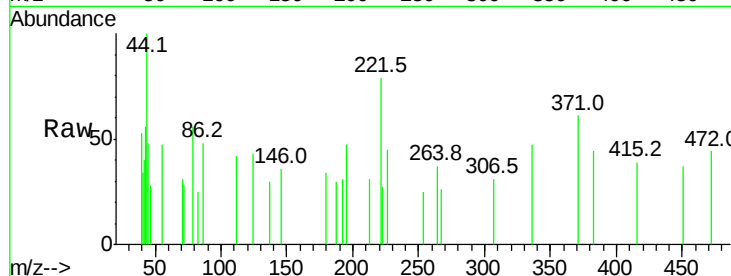
Tot Ion:146 Resp: 78

Ion Ratio Lower Upper

146 100

148 0.0 49.3 73.9#

111 0.0 34.3 51.5#

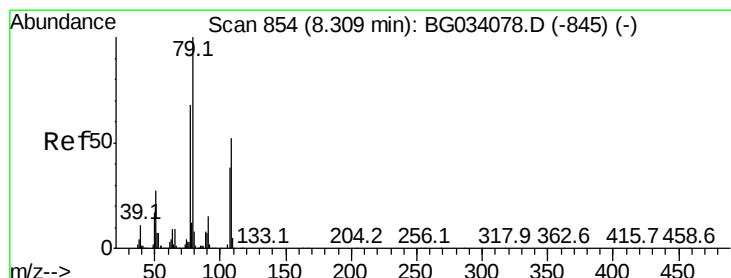
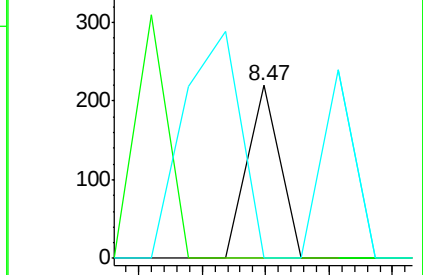
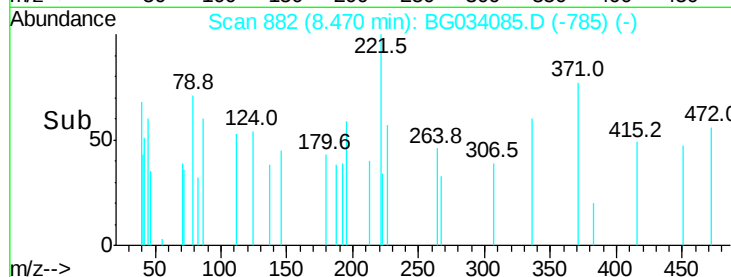


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

Time-->



#15

Benzyl Alcohol

Concen: 1.678 ng

RT: 8.39 min Scan# 869

Delta R.T. 0.08 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

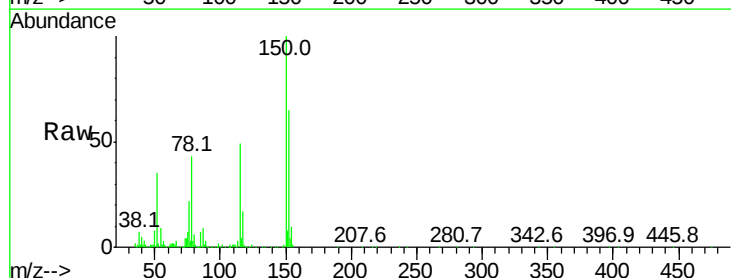
Tgt Ion: 79 Resp: 11614

Ion Ratio Lower Upper

79 100

108 25.4 57.2 85.8#

77 80.1 46.1 69.1#

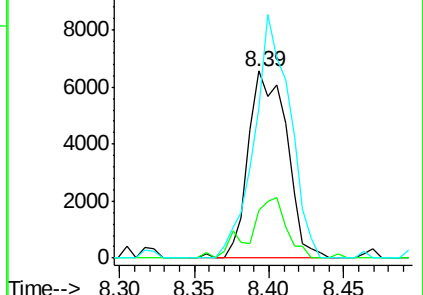
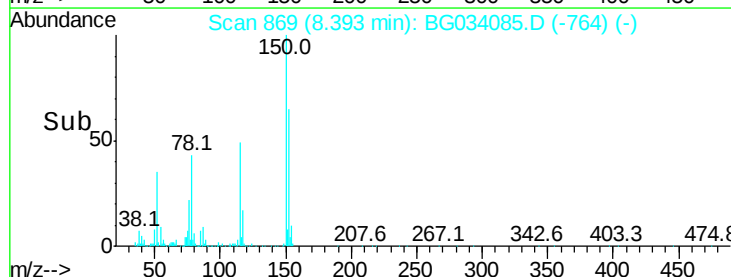


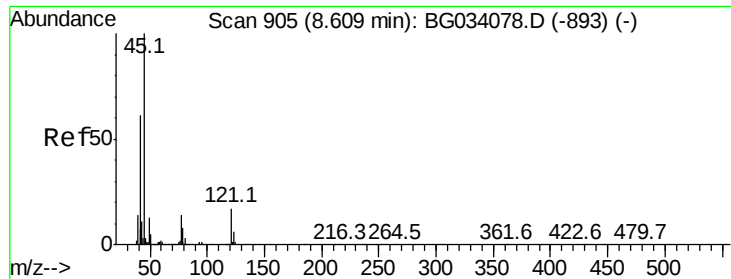
Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Time-->

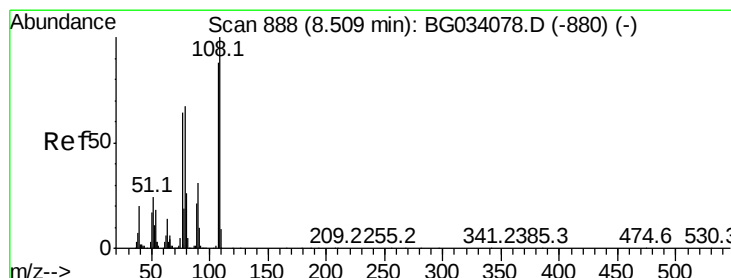
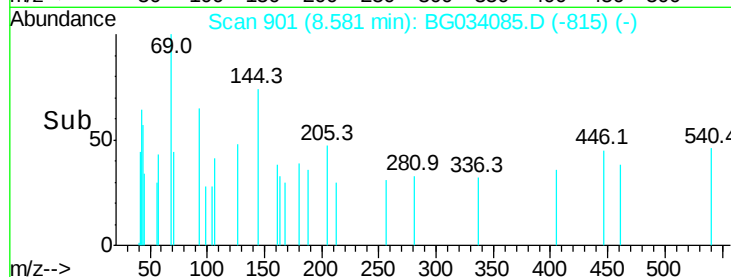
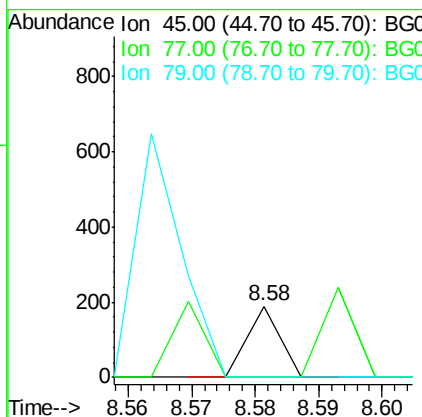
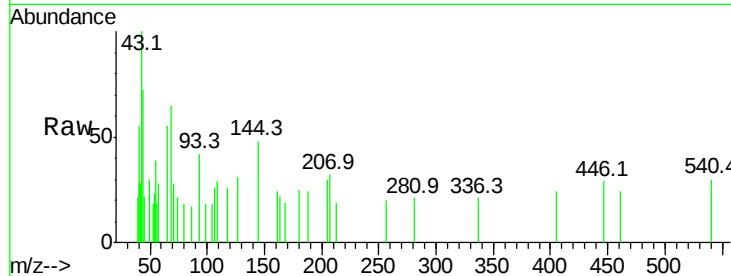




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.009 ng
RT: 8.58 min Scan# 901
Delta R.T. -0.03 min
Lab File: BG034085.D
Acq: 1 May 2018 19:12

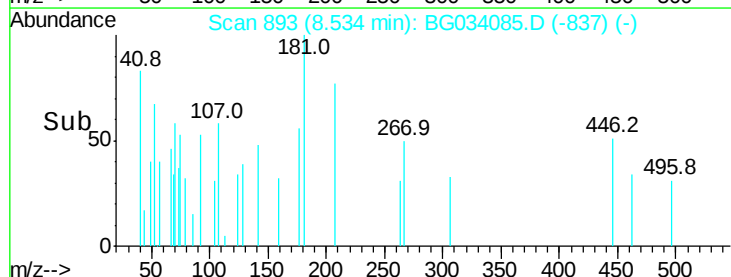
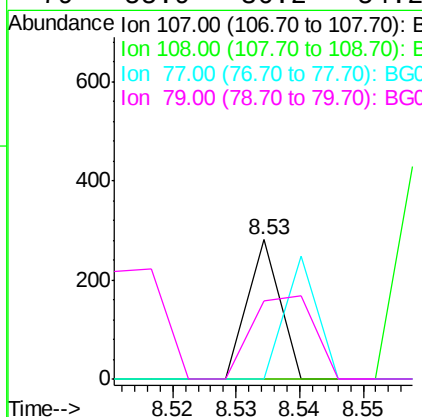
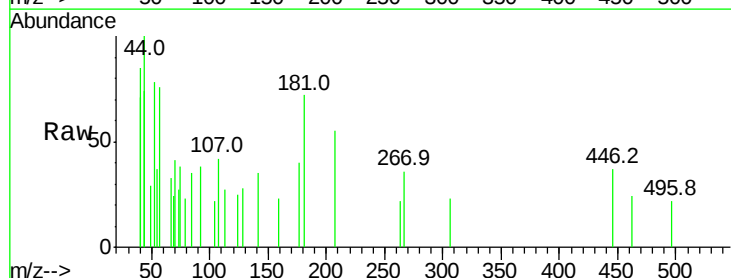
Instrument :
BNA_G
ClientSampleId :
PB108302BL

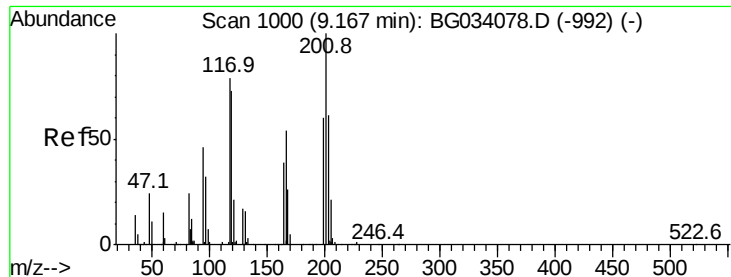
Tot Ion: 45 Resp: 67
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.2
79 0.0 0.0 27.9



#17
2-Methylphenol
Concen: 0.023 ng
RT: 8.53 min Scan# 893
Delta R.T. 0.03 min
Lab File: BG034085.D
Acq: 1 May 2018 19:12

Tgt Ion: 107 Resp: 99
Ion Ratio Lower Upper
107 100
108 0.0 83.9 125.9#
77 0.0 37.2 55.8#
79 55.9 36.2 54.2#

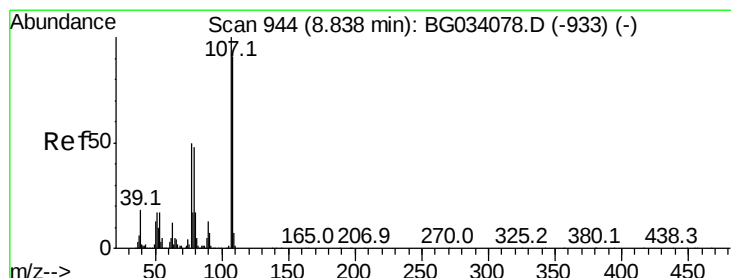
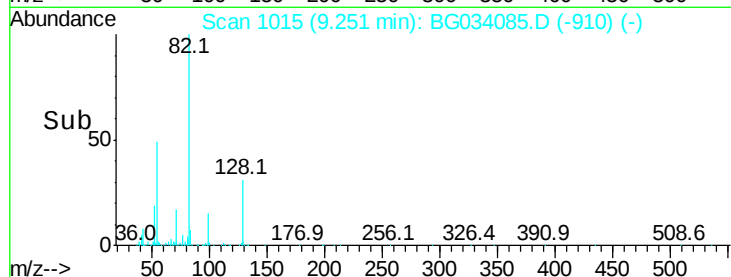
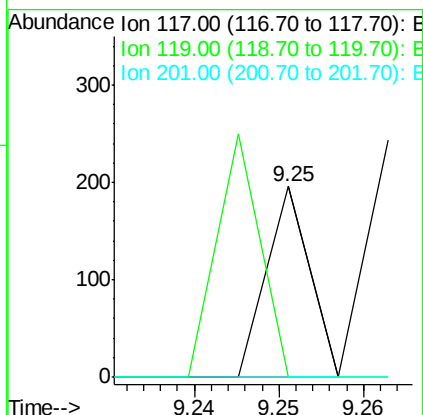
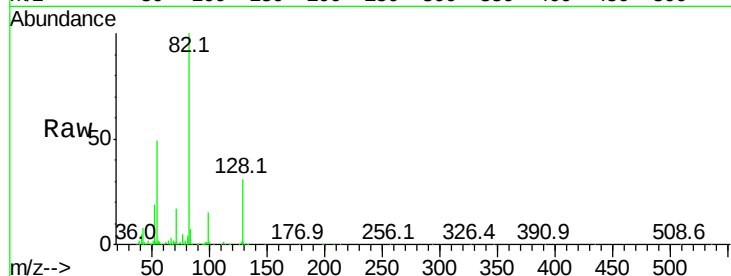




#18
Hexachloroethane
Concen: 0.031 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.08 min
Lab File: BG034085.D
Acq: 1 May 2018 19:12

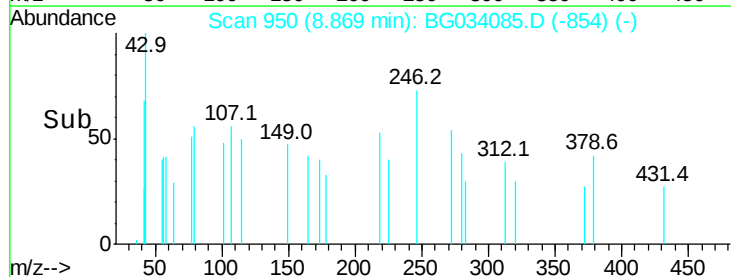
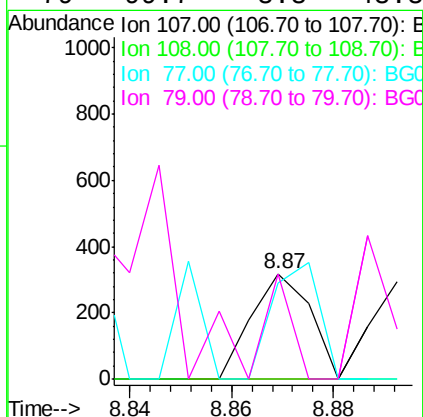
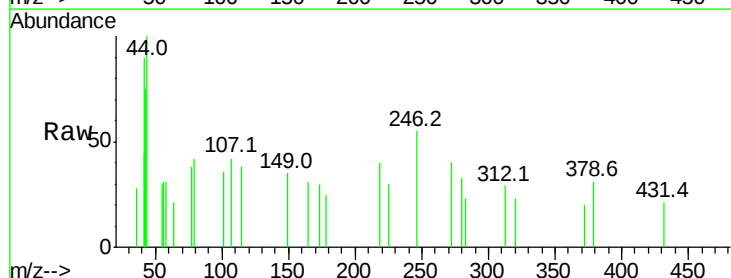
Instrument :
BNA_G
ClientSampleId :
PB108302BL

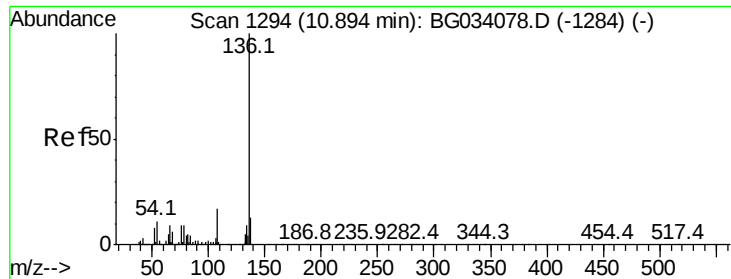
Tot Ion:117 Resp: 69
Ion Ratio Lower Upper
117 100
119 0.0 76.7 115.1#
201 0.0 95.7 143.5#



#20
3+4-Methylphenols
Concen: 0.040 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.03 min
Lab File: BG034085.D
Acq: 1 May 2018 19:12

Tgt Ion:107 Resp: 255
Ion Ratio Lower Upper
107 100
108 0.0 61.6 101.6#
77 91.5 13.9 53.9#
79 99.7 8.8 48.8#

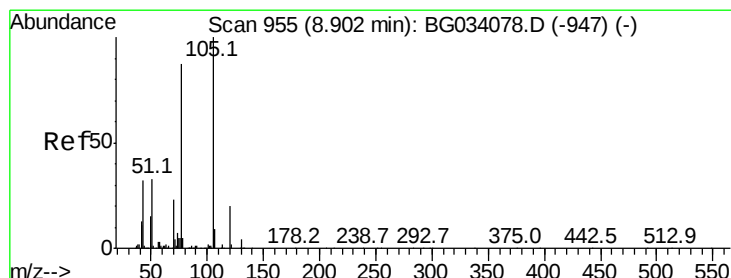
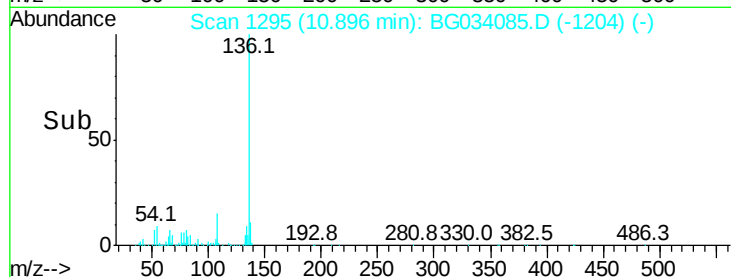
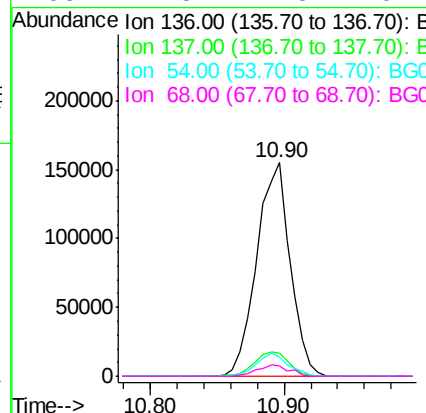
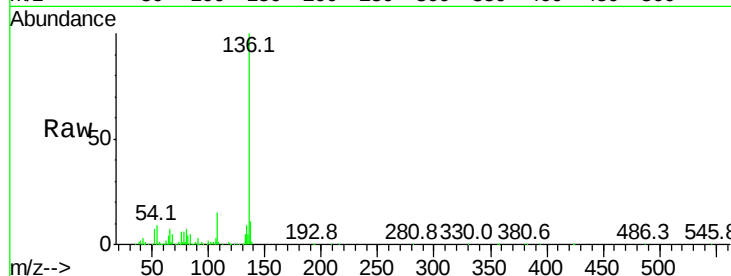




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BG034085.D
Acq: 1 May 2018 19:12

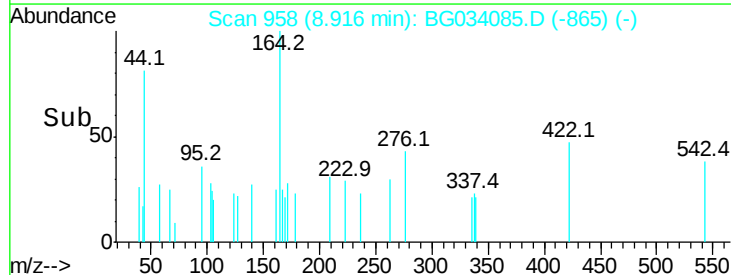
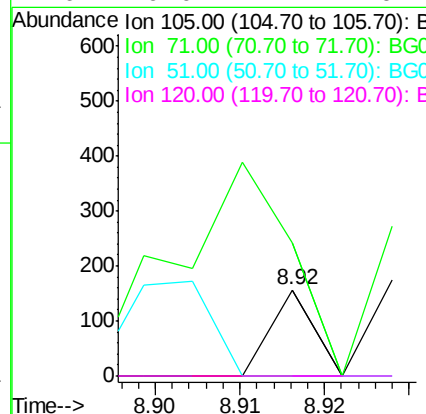
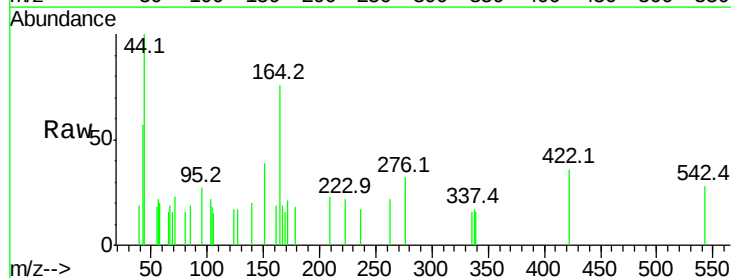
Instrument :
BNA_G
ClientSampleId :
PB108302BL

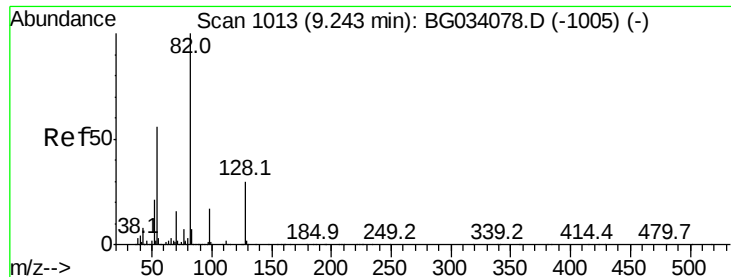
Tot Ion:	136	Resp:	267683
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	9.2	10.3	15.5#
68	4.8	4.5	6.7



#22
Acetophenone
Concen: 0.006 ng
RT: 8.92 min Scan# 958
Delta R.T. 0.01 min
Lab File: BG034085.D
Acq: 1 May 2018 19:12

Tgt Ion:	105	Resp:	55
Ion	Ratio	Lower	Upper
105	100		
71	155.8	3.0	4.4#
51	0.0	26.1	39.1#
120	0.0	17.4	26.2#

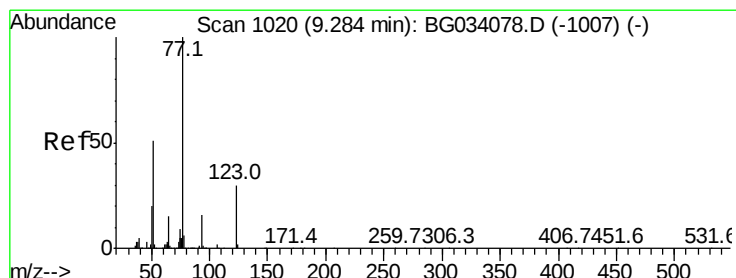
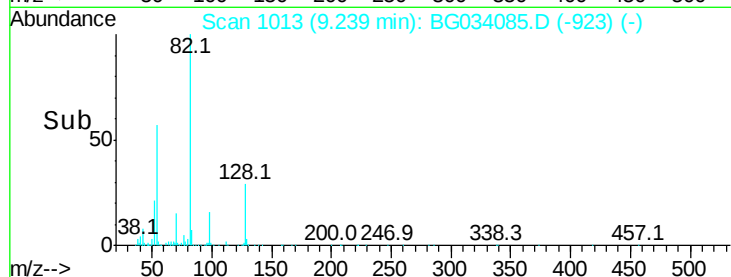
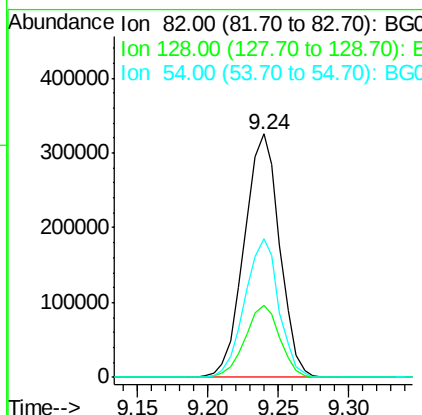
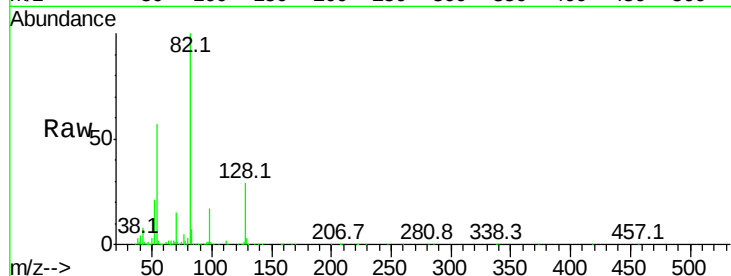




#23
 Nitrobenzene-d5
 Concen: 81.885 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BG034085.D
 Acq: 1 May 2018 19:12

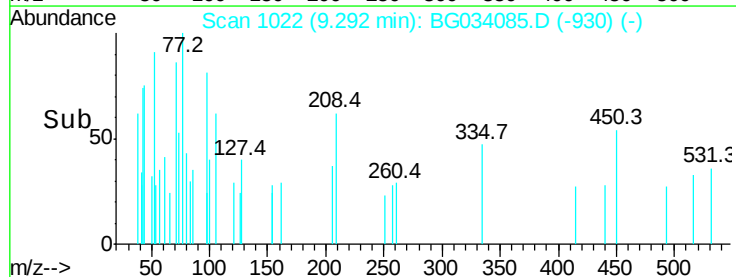
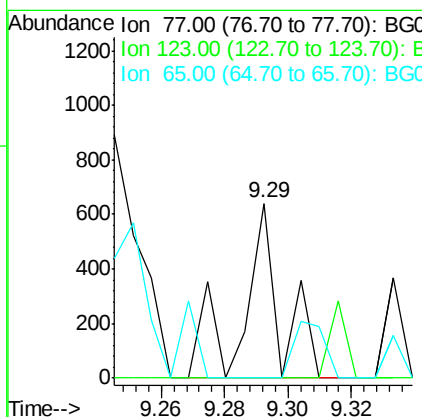
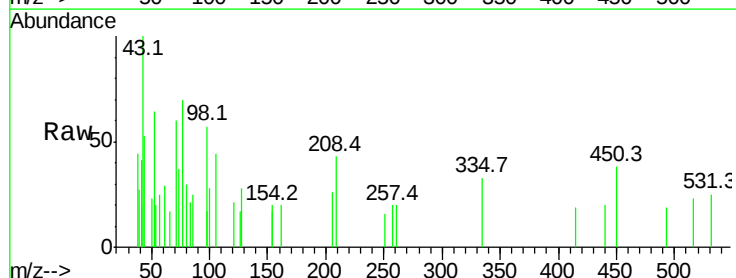
Instrument :
 BNA_G
 ClientSampleId :
 PB108302BL

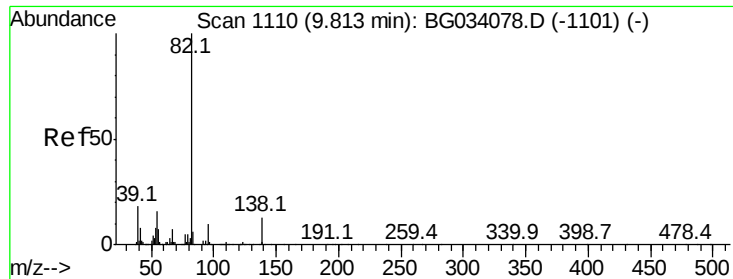
Tot Ion: 82 Resp: 571287
 Ion Ratio Lower Upper
 82 100
 128 29.4 29.7 44.5#
 54 57.0 43.1 64.7



#24
 Nitrobenzene
 Concen: 0.070 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. 0.01 min
 Lab File: BG034085.D
 Acq: 1 May 2018 19:12

Tgt Ion: 77 Resp: 537
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 0.0 13.0 19.6#





#25

Isophorone

Concen: 0.005 ng

RT: 9.82 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

Instrument :

BNA_G

ClientSampleId :

PB108302BL

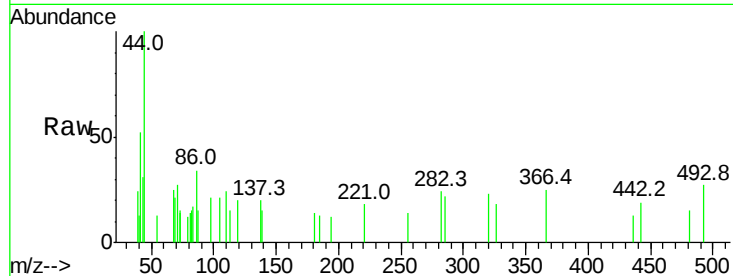
Tot Ion: 82 Resp: 65

Ion Ratio Lower Upper

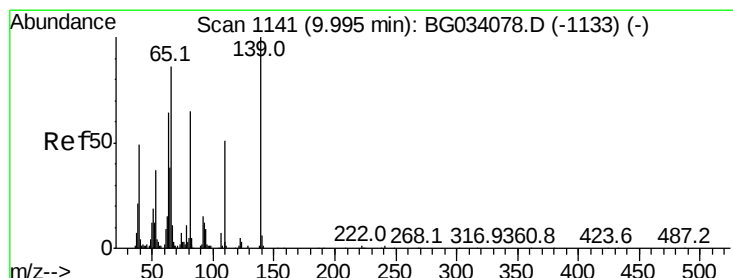
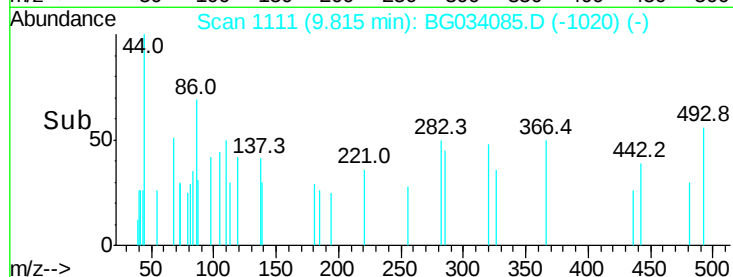
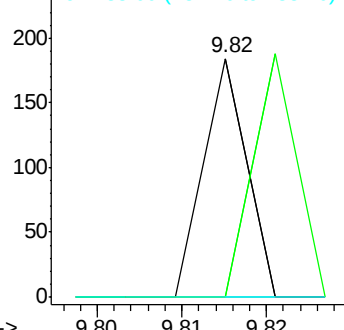
82 100

95 0.0 6.2 9.2#

138 0.0 12.1 18.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 0.060 ng

RT: 9.97 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

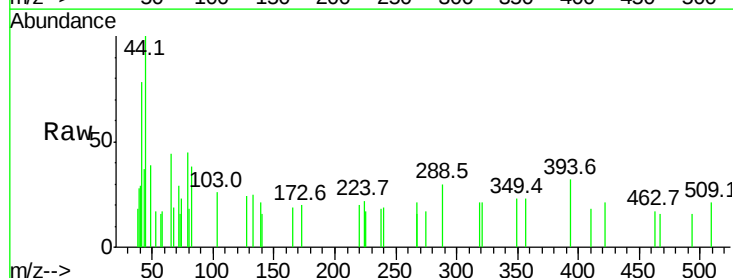
Tgt Ion: 139 Resp: 127

Ion Ratio Lower Upper

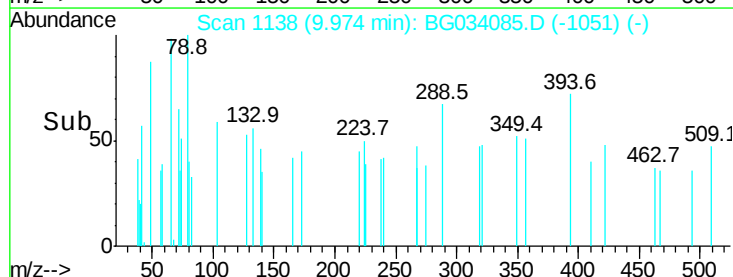
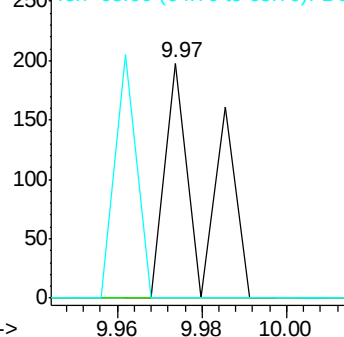
139 100

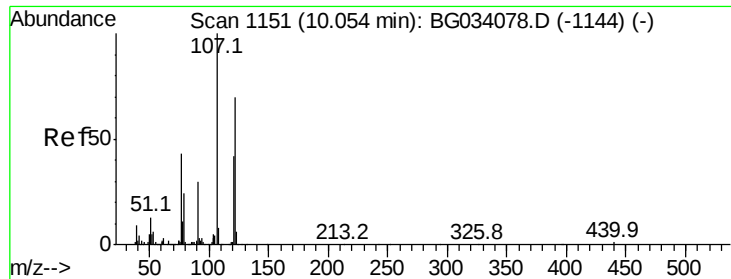
109 0.0 24.2 36.2#

65 213.6 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

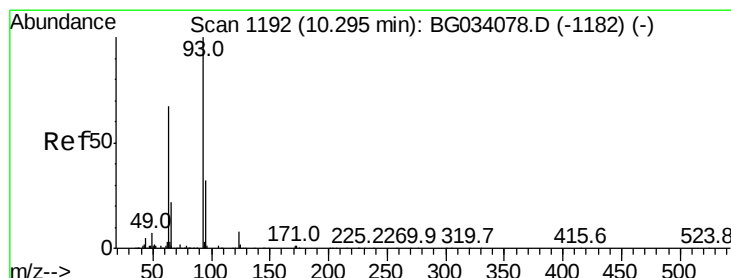
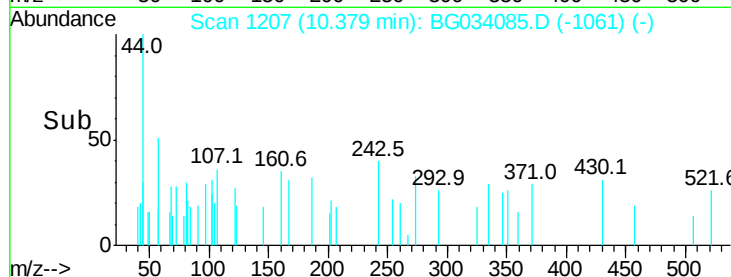
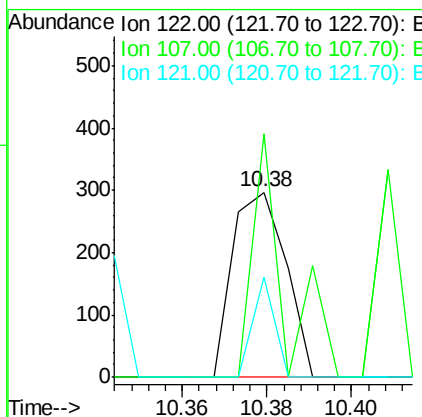
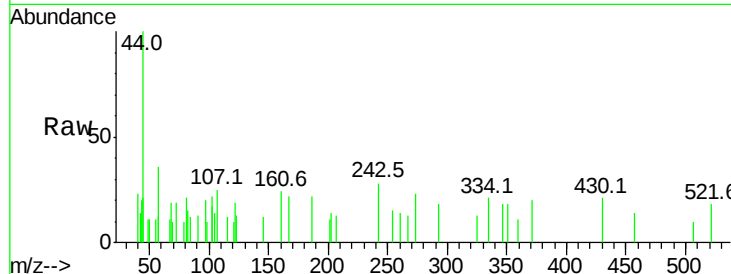




#27
2,4-Dimethylphenol
Concen: 0.063 ng
RT: 10.38 min Scan# 1207
Delta R.T. 0.33 min
Lab File: BG034085.D
Acq: 1 May 2018 19:12

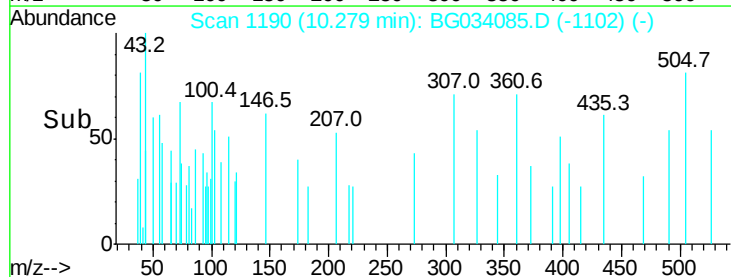
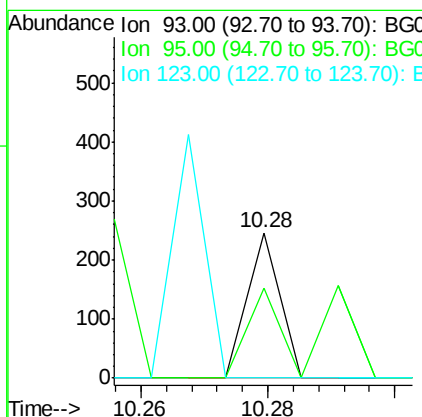
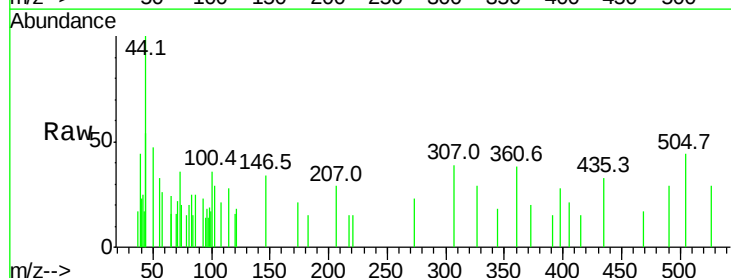
Instrument :
BNA_G
ClientSampleId :
PB108302BL

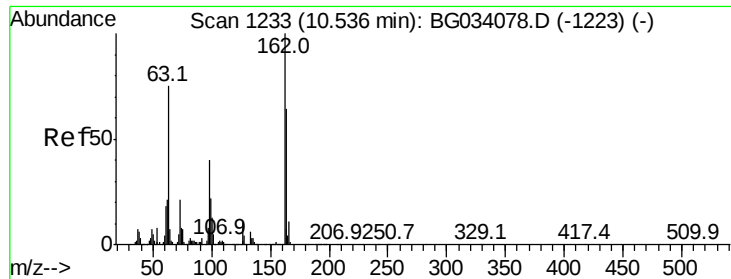
Tot Ion:122 Resp: 260
Ion Ratio Lower Upper
122 100
107 131.6 100.2 150.2
121 54.2 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 0.012 ng
RT: 10.28 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BG034085.D
Acq: 1 May 2018 19:12

Tgt Ion: 93 Resp: 87
Ion Ratio Lower Upper
93 100
95 61.8 24.3 36.5#
123 0.0 8.4 12.6#

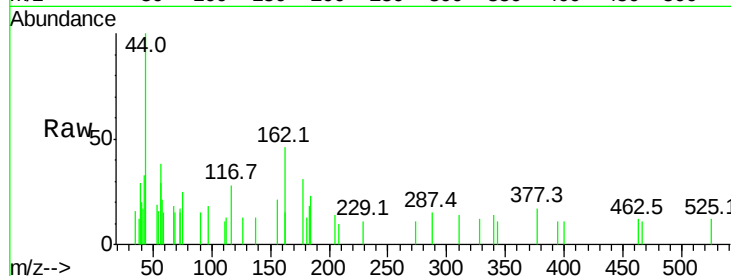




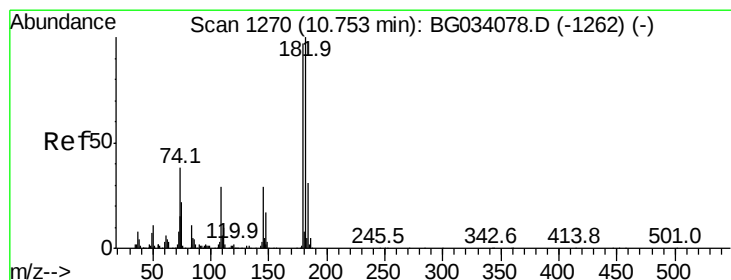
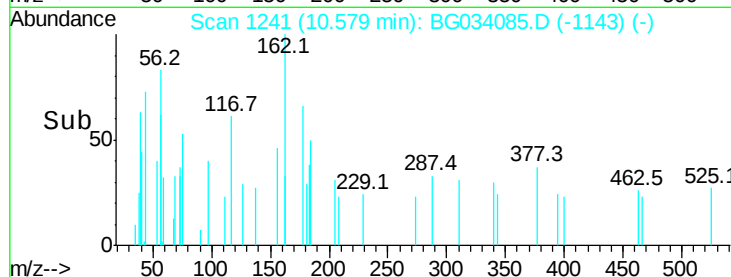
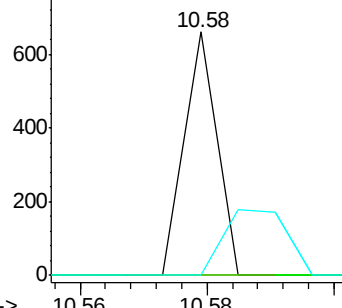
#29
2,4-Dichlorophenol
Concen: 0.048 ng
RT: 10.58 min Scan# 1241
Delta R.T. 0.04 min
Lab File: BG034085.D
Acq: 1 May 2018 19:12

Instrument :
BNA_G
ClientSampleId :
PB108302BL

Tot Ion:162 Resp: 233
Ion Ratio Lower Upper
162 100
164 0.0 48.0 88.0#
98 0.0 21.1 61.1#

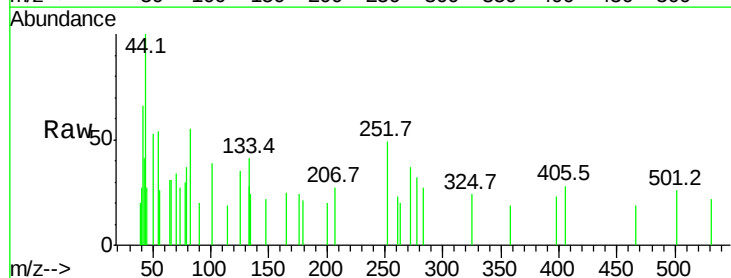


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

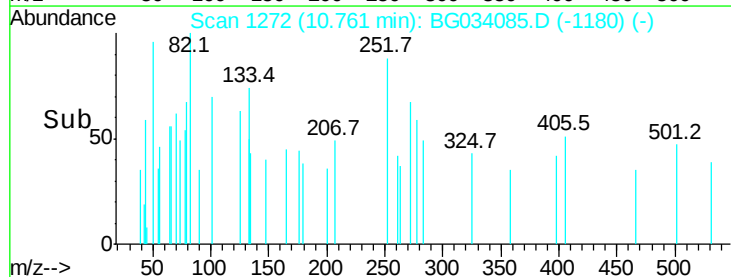
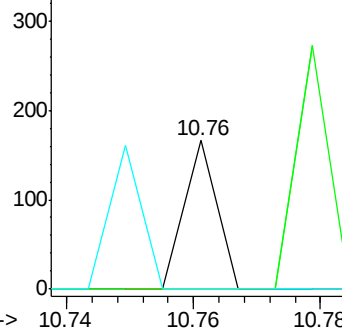


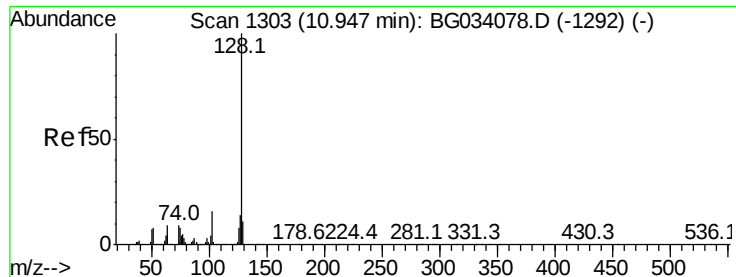
#30
1,2,4-Trichlorobenzene
Concen: 0.010 ng
RT: 10.76 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BG034085.D
Acq: 1 May 2018 19:12

Tgt Ion:180 Resp: 59
Ion Ratio Lower Upper
180 100
182 0.0 77.5 116.3#
145 0.0 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

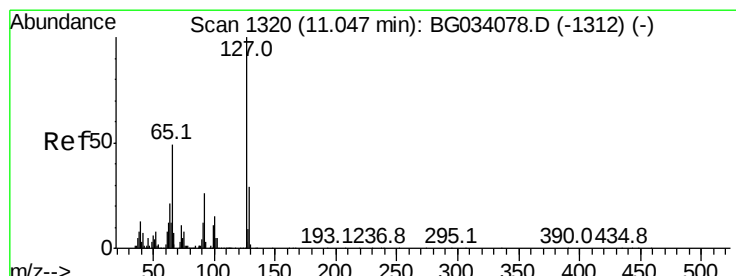
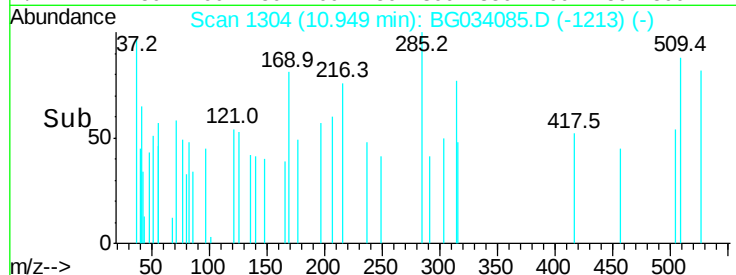
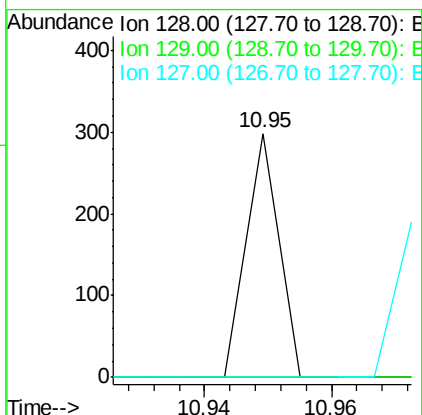
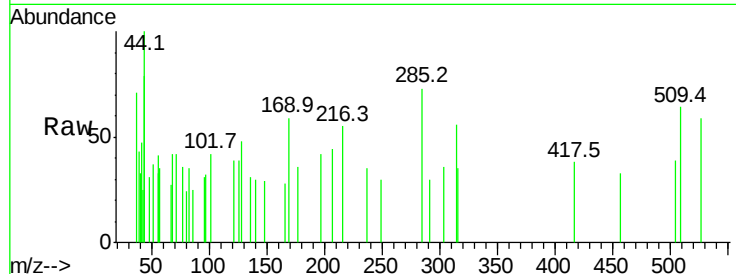




#31
Naphthalene
Concen: 0.007 ng
RT: 10.95 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BG034085.D
Acq: 1 May 2018 19:12

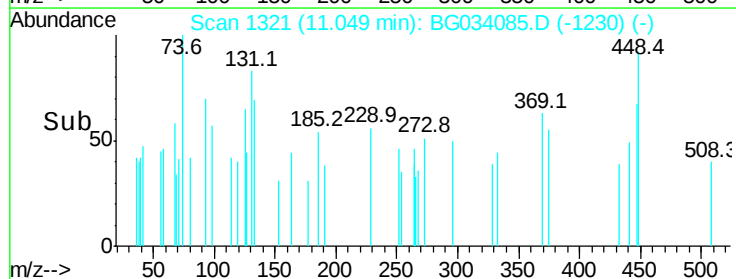
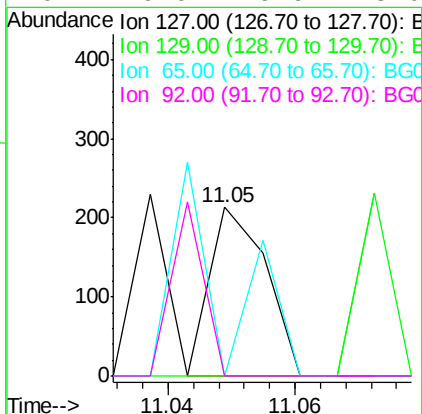
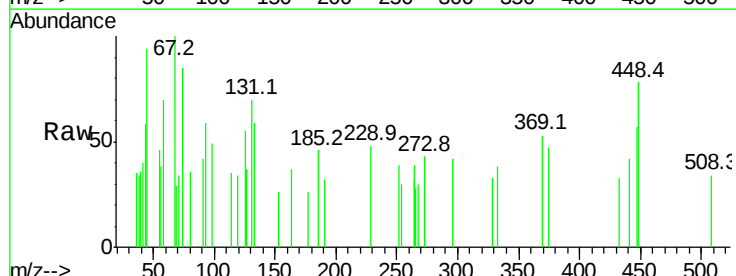
Instrument :
BNA_G
ClientSampleId :
PB108302BL

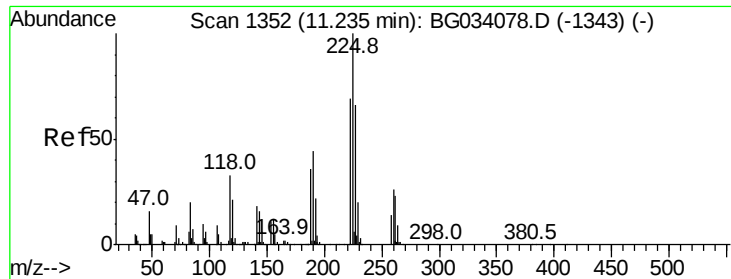
Tot Ion:128 Resp: 105
Ion Ratio Lower Upper
128 100
129 0.0 8.6 12.8#
127 0.0 11.6 17.4#



#33
4-Chloroaniline
Concen: 0.020 ng
RT: 11.05 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG034085.D
Acq: 1 May 2018 19:12

Tgt Ion:127 Resp: 130
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: 0.016 ng

RT: 11.20 min Scan# 1347

Delta R.T. -0.03 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

Instrument :

BNA_G

ClientSampleId :

PB108302BL

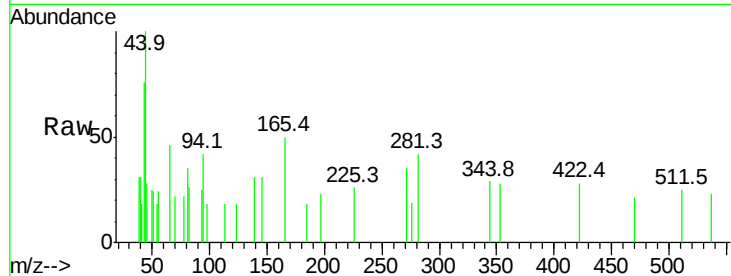
Tot Ion:225 Resp: 78

Ion Ratio Lower Upper

225 100

223 0.0 49.7 74.5#

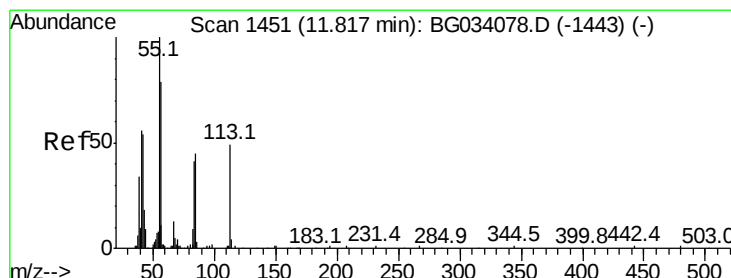
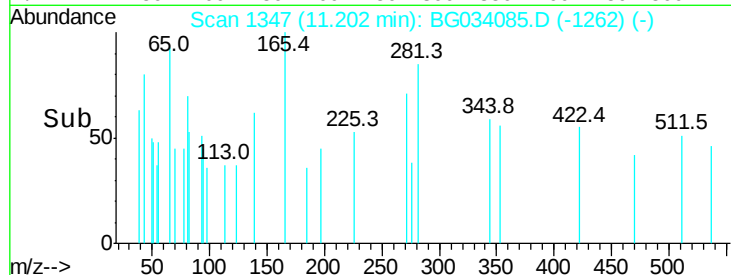
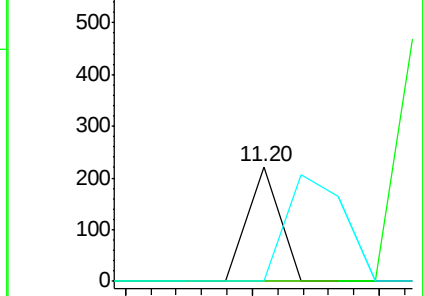
227 0.0 48.1 72.1#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 0.058 ng

RT: 11.85 min Scan# 1458

Delta R.T. 0.04 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

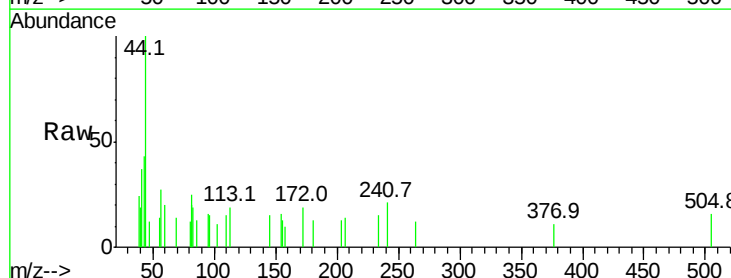
Tgt Ion:113 Resp: 101

Ion Ratio Lower Upper

113 100

55 0.0 186.9 226.9#

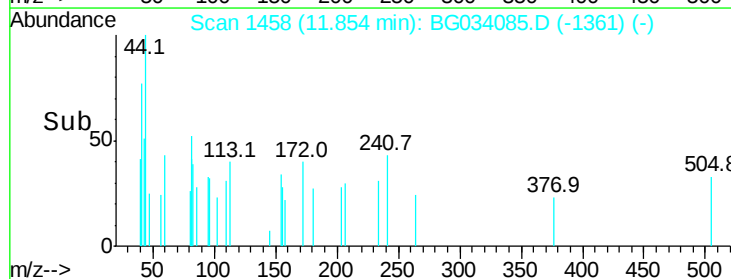
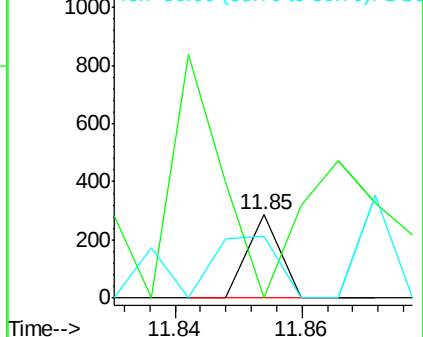
56 74.5 130.9 170.9#

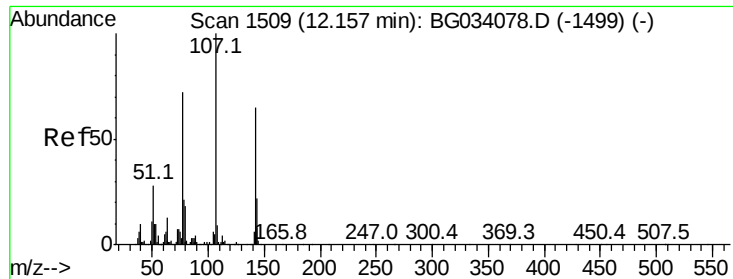


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

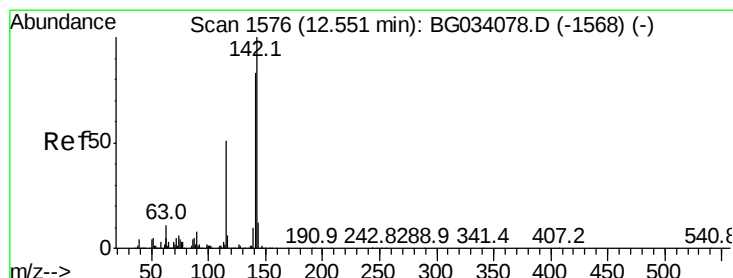
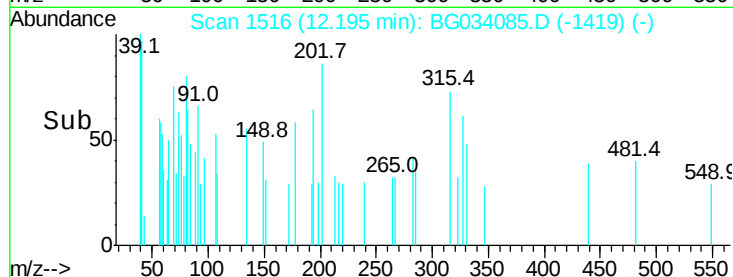
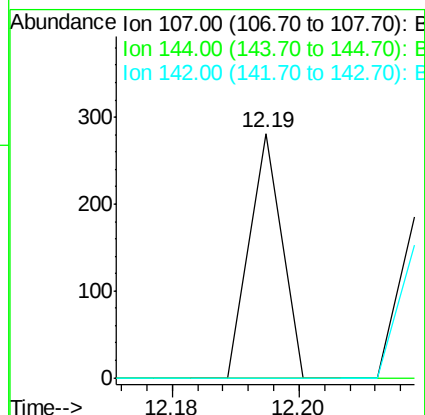
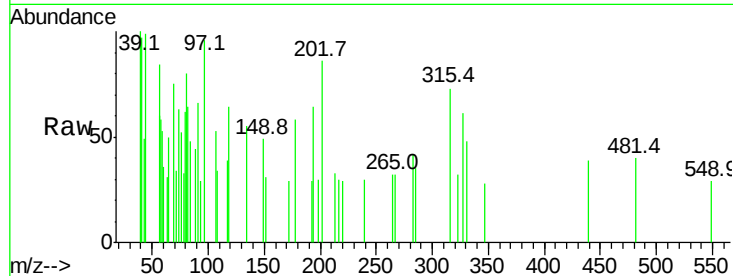




#36
 4-Chloro-3-methylphenol
 Concen: 0.016 ng
 RT: 12.19 min Scan# 1516
 Delta R.T. 0.04 min
 Lab File: BG034085.D
 Acq: 1 May 2018 19:12

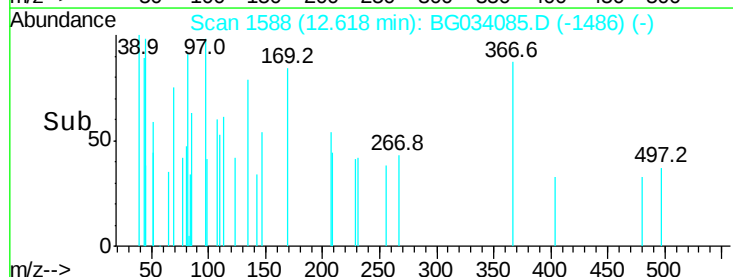
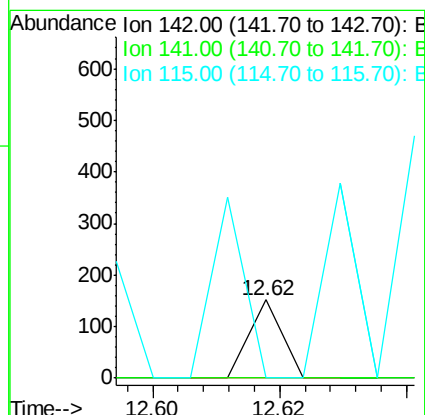
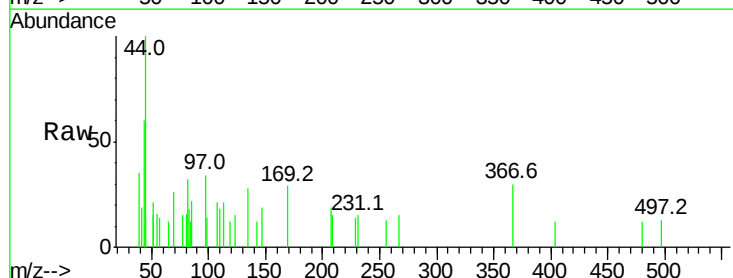
Instrument :
 BNA_G
 ClientSampleId :
 PB108302BL

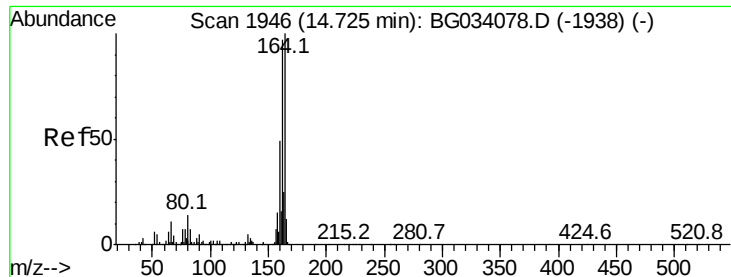
Tot Ion:107 Resp: 99
 Ion Ratio Lower Upper
 107 100
 144 0.0 18.2 27.4#
 142 0.0 59.0 88.4#



#37
 2-Methylnaphthalene
 Concen: 0.005 ng
 RT: 12.62 min Scan# 1588
 Delta R.T. 0.07 min
 Lab File: BG034085.D
 Acq: 1 May 2018 19:12

Tgt Ion:142 Resp: 54
 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: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

Instrument :

BNA_G

ClientSampleId :

PB108302BL

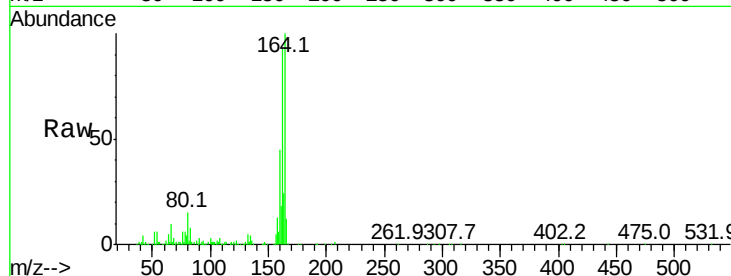
Tot Ion:164 Resp: 213454

Ion Ratio Lower Upper

164 100

162 93.4 78.8 118.2

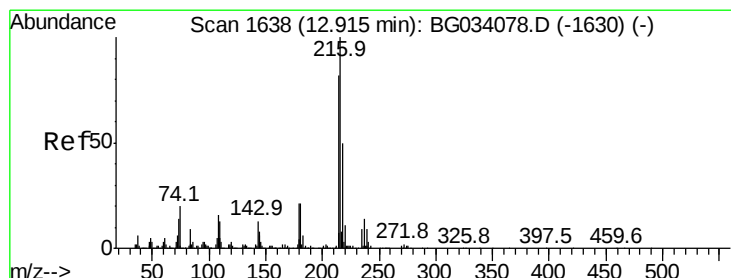
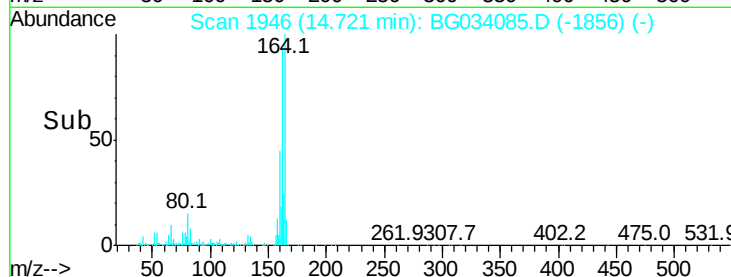
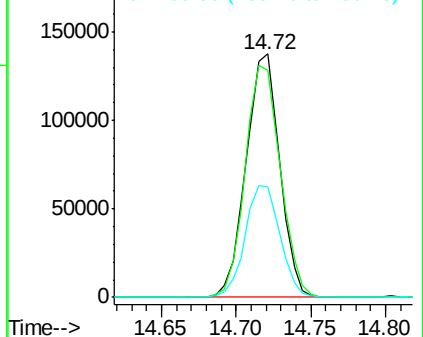
160 45.4 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.008 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.03 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

Tgt Ion:216 Resp: 68

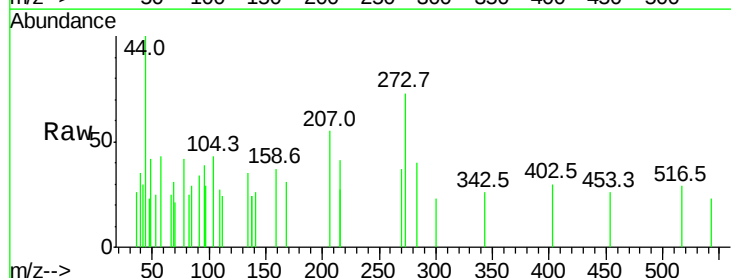
Ion Ratio Lower Upper

216 100

214 0.0 63.0 94.4#

179 0.0 17.0 25.6#

108 0.0 12.8 19.2#

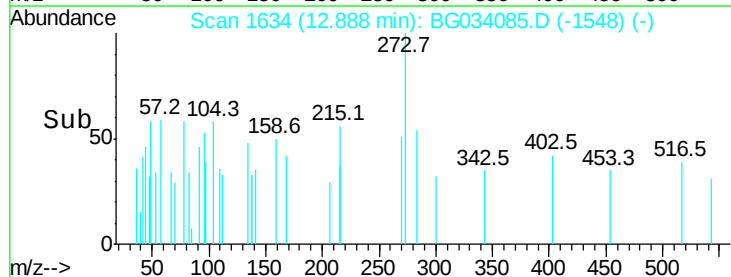
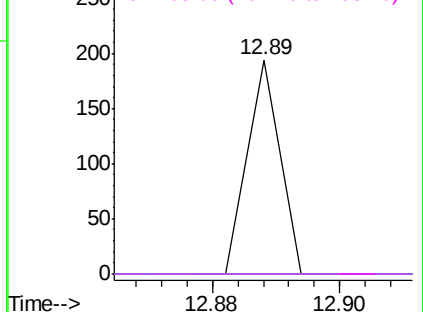


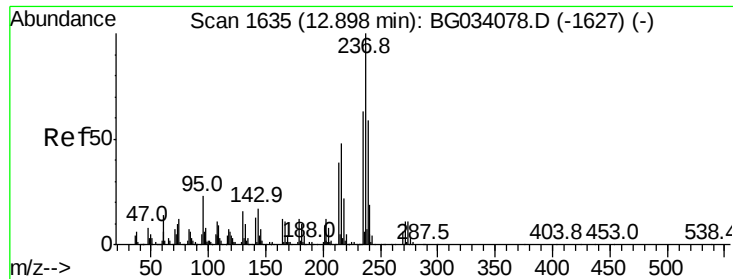
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 0.027 ng

RT: 12.94 min Scan# 1642

Delta R.T. 0.04 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

Instrument :

BNA_G

ClientSampleId :

PB108302BL

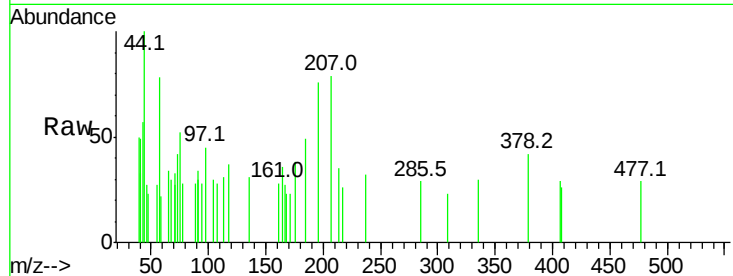
Tot Ion:237 Resp: 133

Ion Ratio Lower Upper

237 100

235 0.0 50.4 90.4#

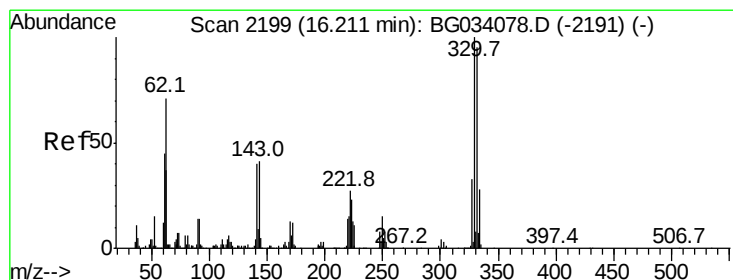
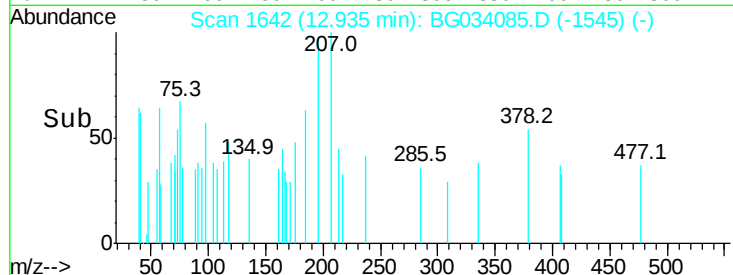
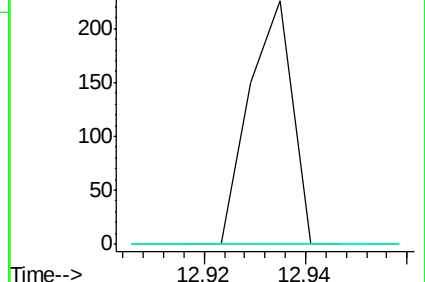
272 0.0 0.0 31.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 130.360 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

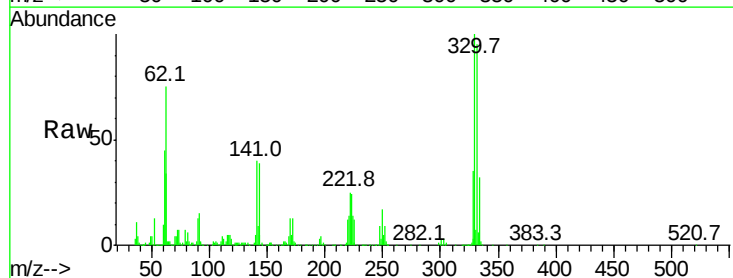
Tgt Ion:330 Resp: 385306

Ion Ratio Lower Upper

330 100

332 94.7 77.0 115.6

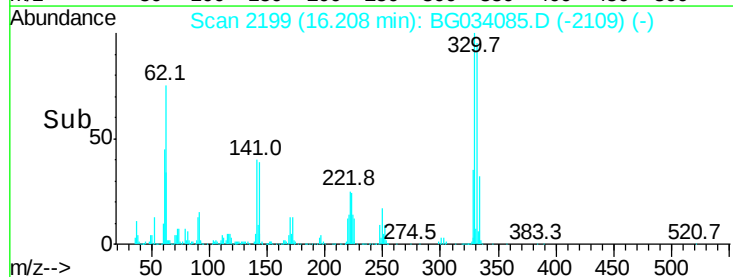
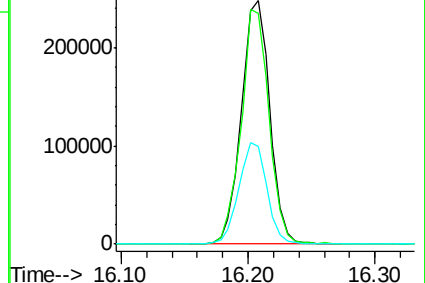
141 41.0 25.2 37.8#

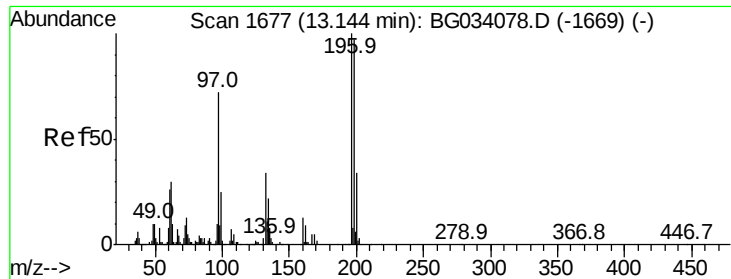


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

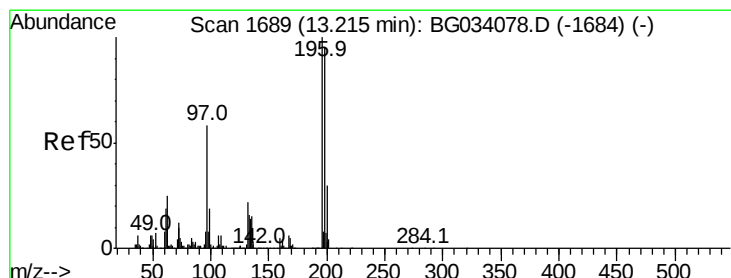
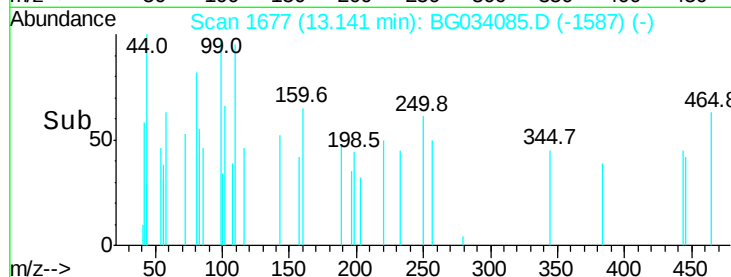
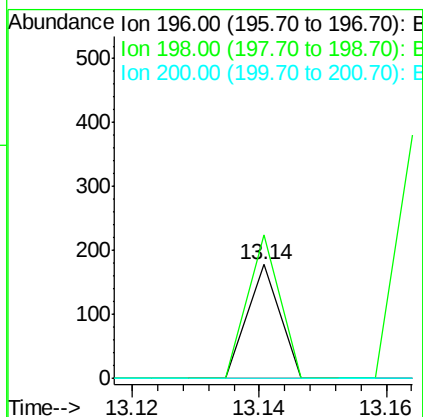
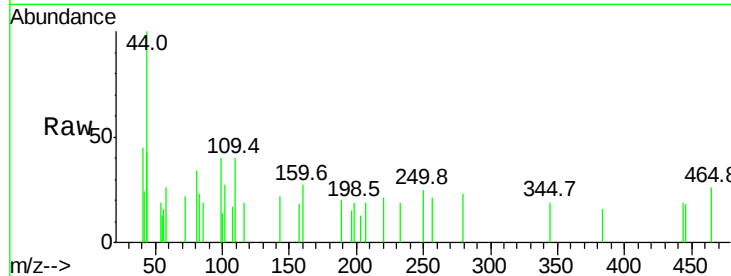




#42
 2,4,6-Trichlorophenol
 Concen: 0.013 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG034085.D
 Acq: 1 May 2018 19:12

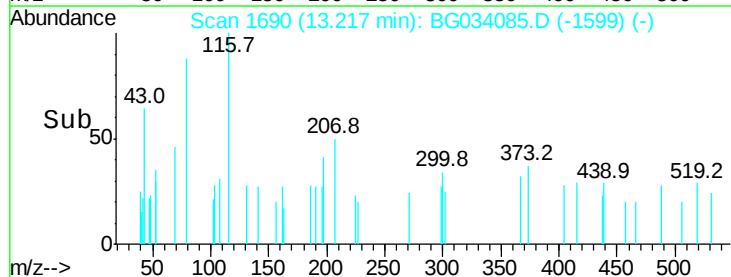
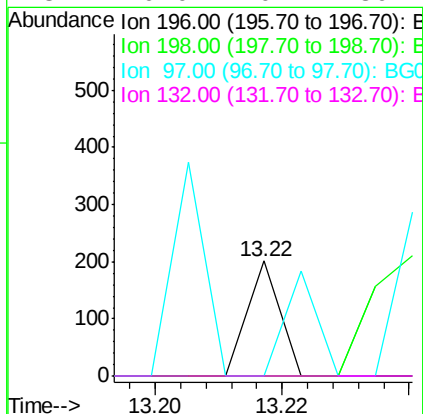
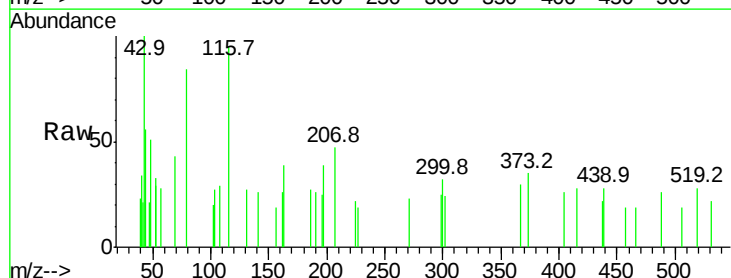
Instrument :
 BNA_G
 ClientSampleId :
 PB108302BL

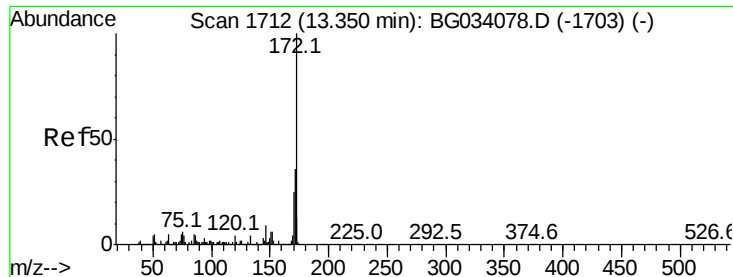
Tot Ion:196 Resp: 62
 Ion Ratio Lower Upper
 196 100
 198 126.6 78.2 117.2#
 200 0.0 24.6 36.8#



#43
 2,4,5-Trichlorophenol
 Concen: 0.013 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BG034085.D
 Acq: 1 May 2018 19:12

Tgt Ion:196 Resp: 71
 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: 83.054 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.00 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

Instrument :

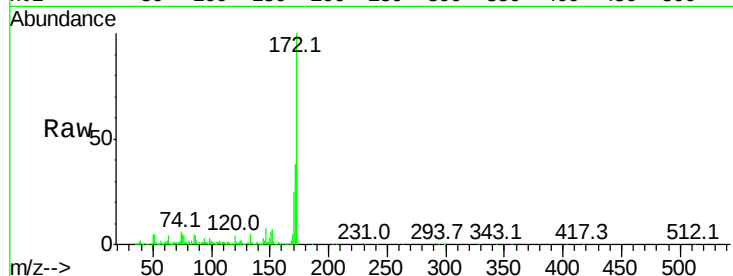
BNA_G

ClientSampleId :

PB108302BL

Tot Ion:172 Resp: 1216627

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	24.9	19.5	29.3

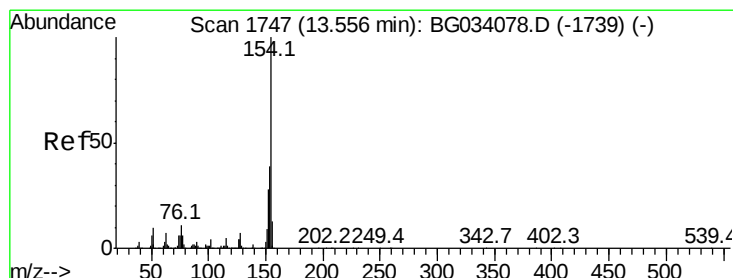
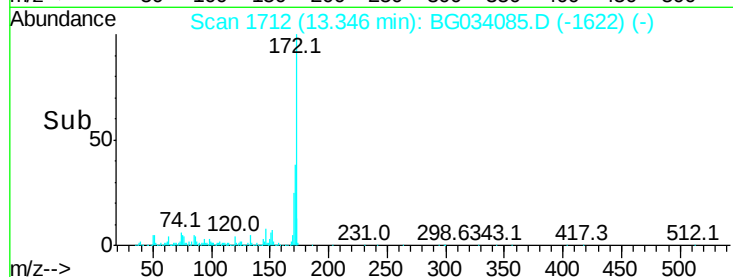
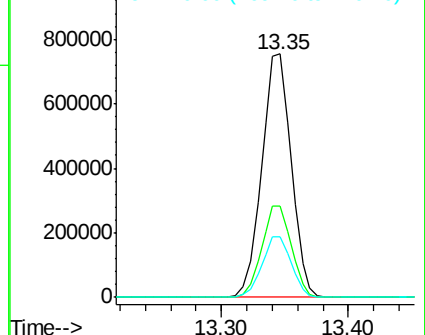


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 0.185 ng

RT: 13.55 min Scan# 1747

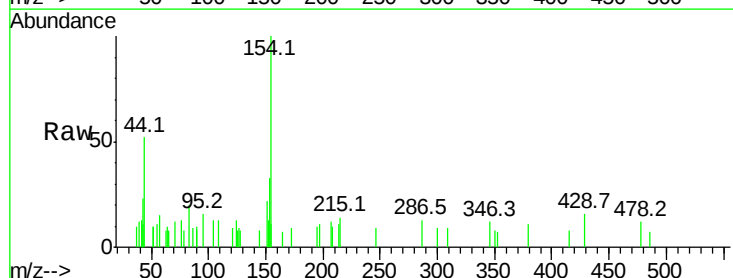
Delta R.T. -0.00 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

Tgt Ion:154 Resp: 3077

Ion	Ratio	Lower	Upper
154	100		
153	33.0	19.8	59.8
76	13.3	0.0	31.9

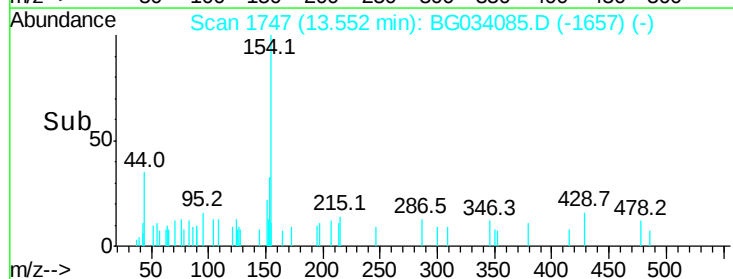
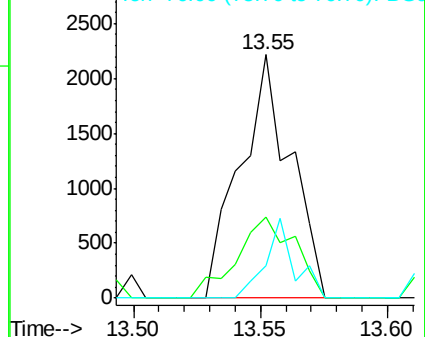


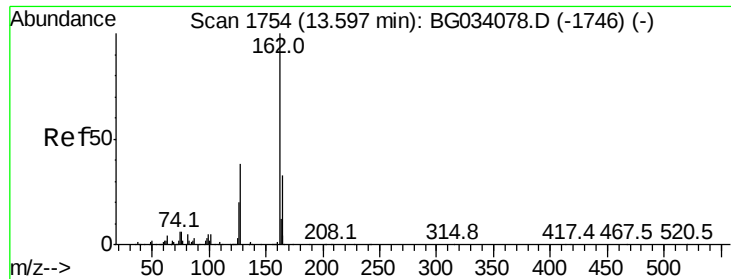
Abundance

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): BG0

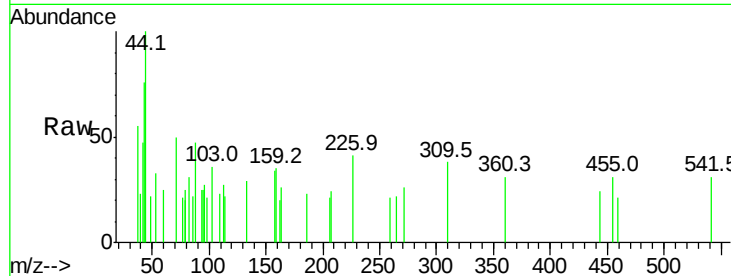




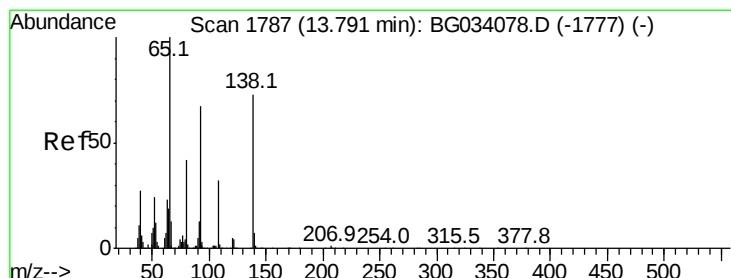
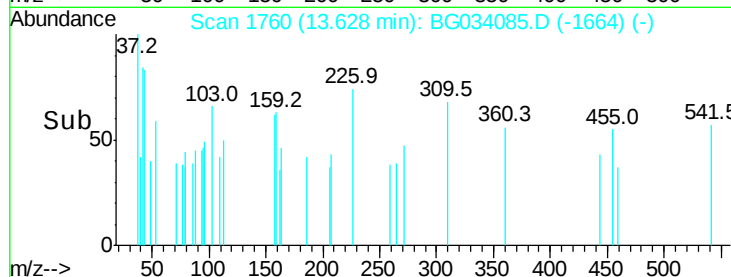
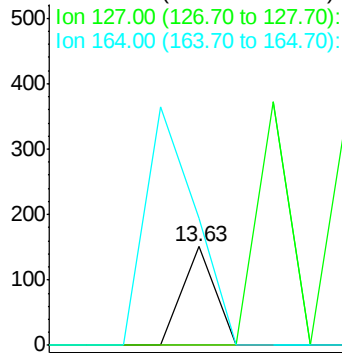
#46
2-Chloronaphthalene
Concen: 0.004 ng
RT: 13.63 min Scan# 1760
Delta R.T. 0.03 min
Lab File: BG034085.D
Acq: 1 May 2018 19:12

Instrument :
BNA_G
ClientSampleId :
PB108302BL

Tot Ion:162 Resp: 53
Ion Ratio Lower Upper
162 100
127 0.0 30.7 46.1#
164 128.5 26.0 39.0#

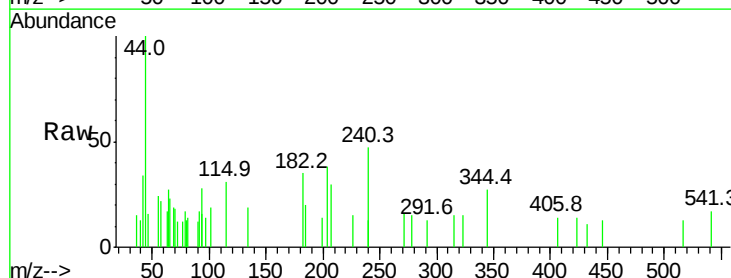


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

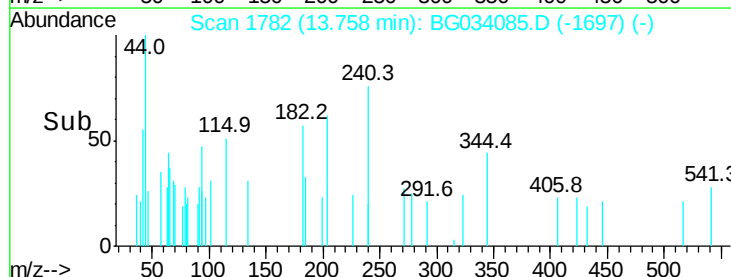
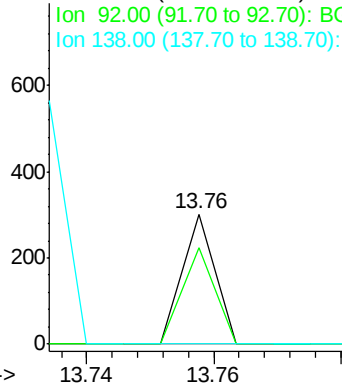


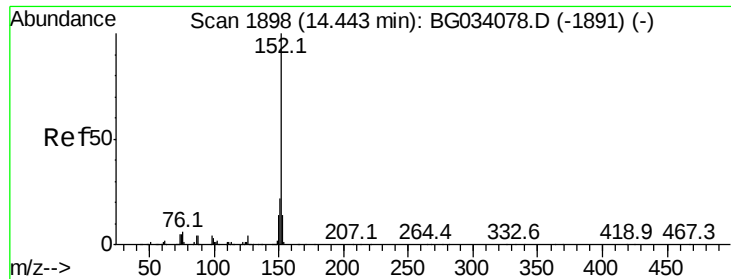
#47
2-Nitroaniline
Concen: 0.021 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.03 min
Lab File: BG034085.D
Acq: 1 May 2018 19:12

Tgt Ion: 65 Resp: 106
Ion Ratio Lower Upper
65 100
92 74.4 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): E





#48

Acenaphthylene

Concen: 0.003 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

Instrument :

BNA_G

ClientSampleId :

PB108302BL

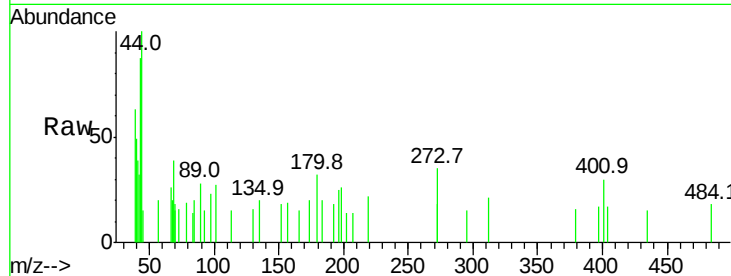
Tot Ion:152 Resp: 66

Ion Ratio Lower Upper

152 100

151 0.0 17.2 25.8#

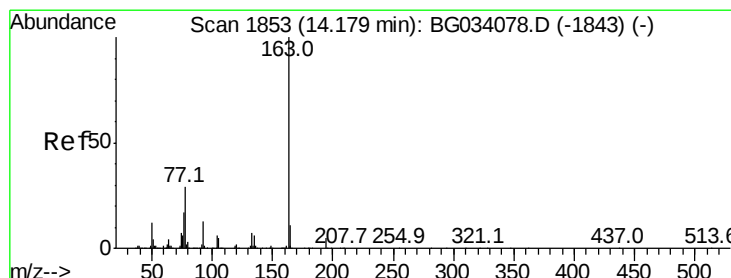
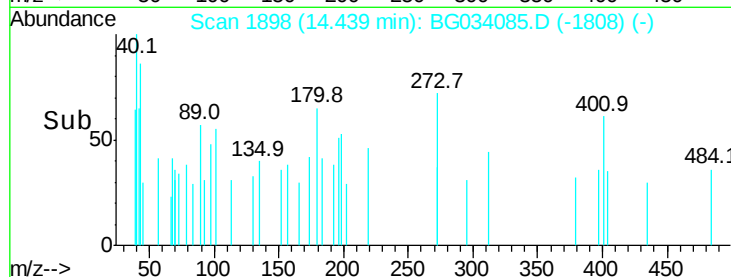
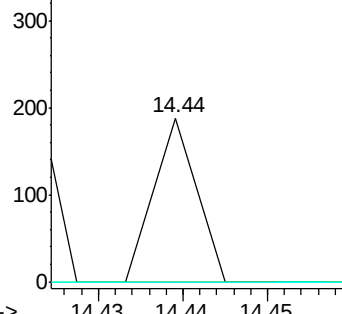
153 0.0 10.2 15.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 0.016 ng

RT: 13.68 min Scan# 1768

Delta R.T. -0.50 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

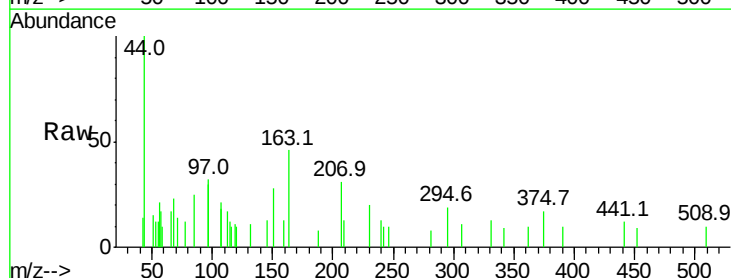
Tgt Ion:163 Resp: 288

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

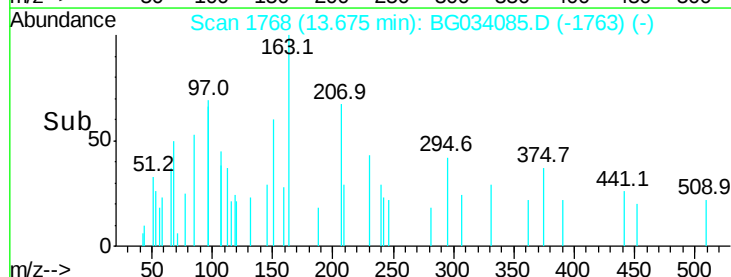
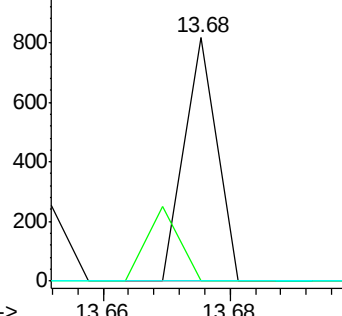
164 0.0 8.2 12.4#

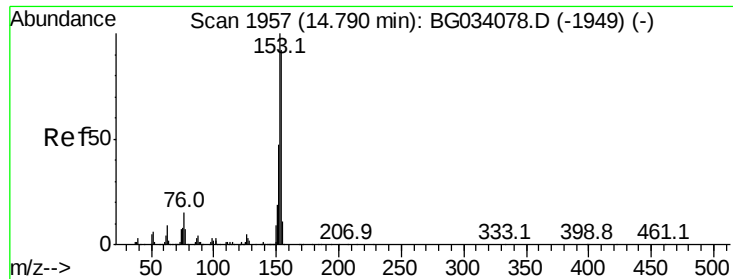


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 0.009 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

Instrument :

BNA_G

ClientSampleId :

PB108302BL

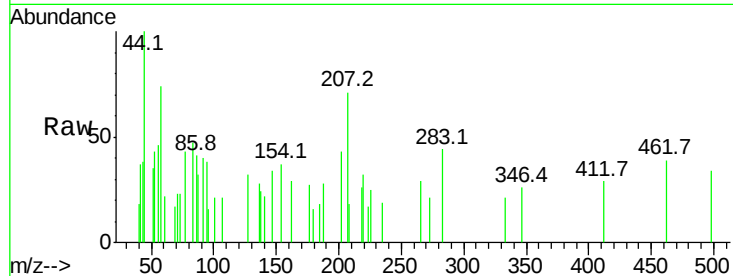
Tot Ion:154 Resp: 120

Ion Ratio Lower Upper

154 100

153 0.0 90.4 135.6#

152 0.0 41.6 62.4#

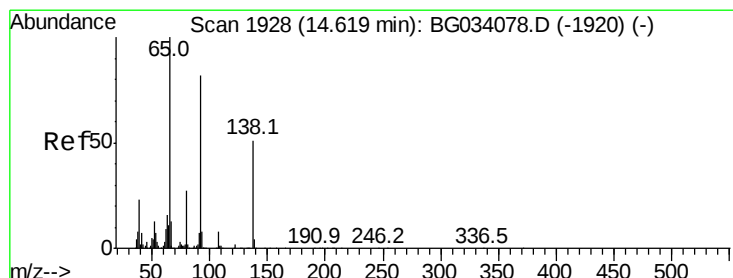
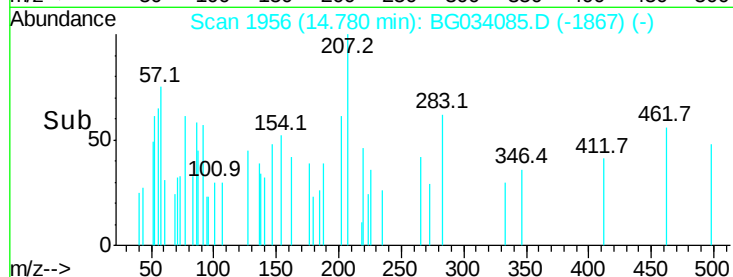


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time--> 14.76 14.78



#52

3-Nitroaniline

Concen: 0.015 ng

RT: 14.66 min Scan# 1936

Delta R.T. 0.04 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

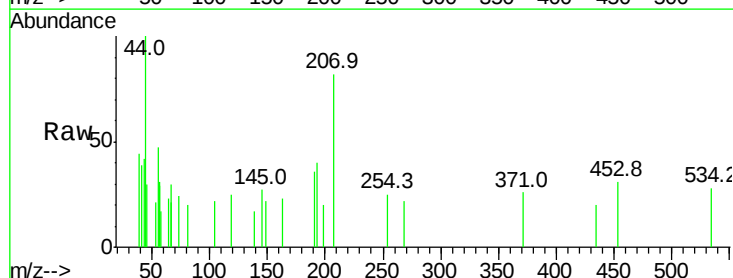
Tgt Ion:138 Resp: 53

Ion Ratio Lower Upper

138 100

108 0.0 17.5 26.3#

92 0.0 105.8 158.8#

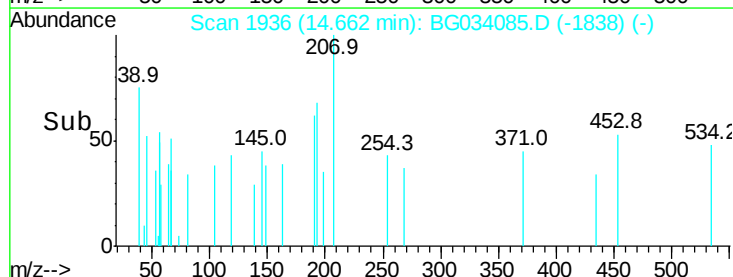


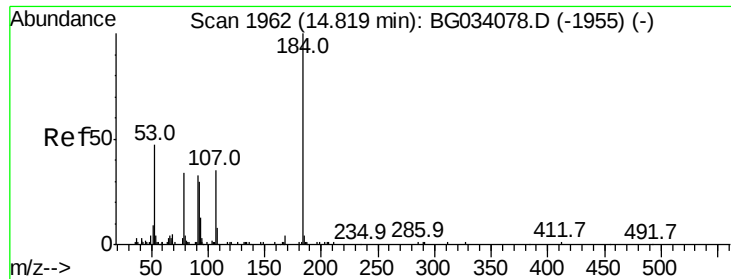
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

Time--> 14.64 14.66 14.68





#53

2,4-Dinitrophenol

Concen: 0.054 ng

RT: 14.84 min Scan# 1967

Delta R.T. 0.03 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

Instrument :

BNA_G

ClientSampleId :

PB108302BL

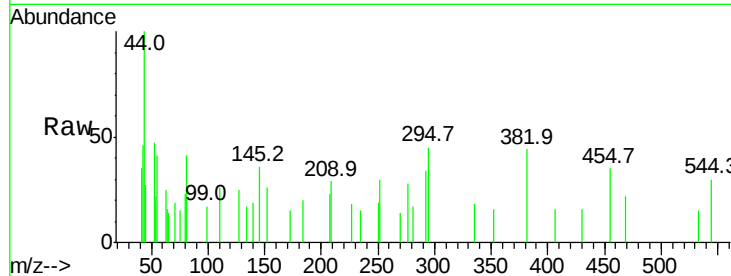
Tot Ion:184 Resp: 75

Ion Ratio Lower Upper

184 100

63 124.8 59.8 89.8#

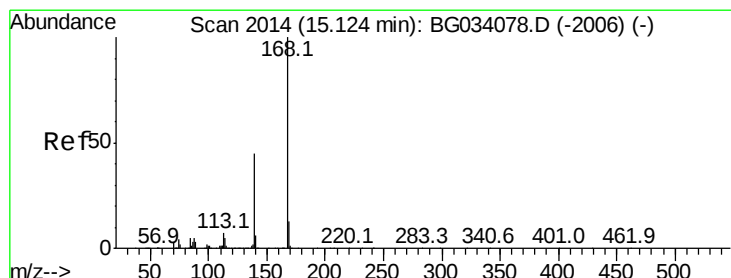
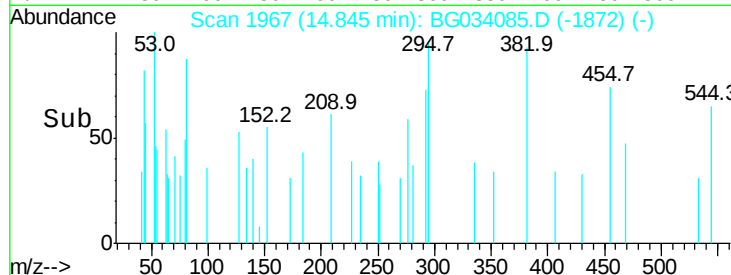
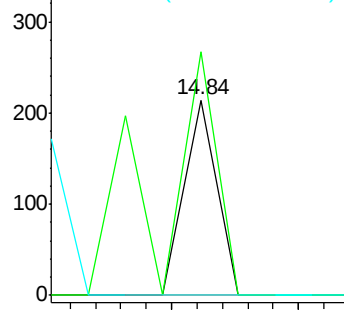
154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 0.007 ng

RT: 15.09 min Scan# 2009

Delta R.T. -0.03 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

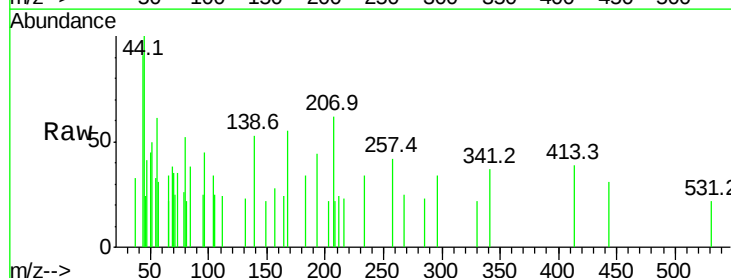
Tgt Ion:168 Resp: 133

Ion Ratio Lower Upper

168 100

139 0.0 28.6 43.0#

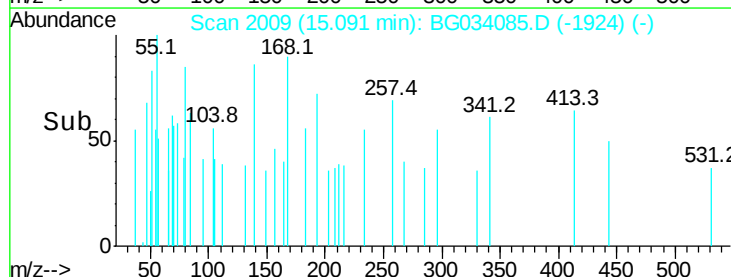
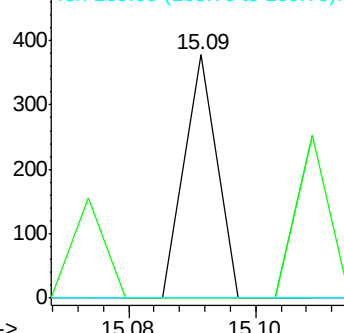
169 0.0 11.2 16.8#

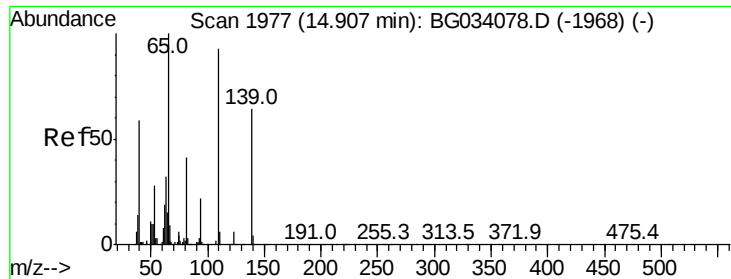


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

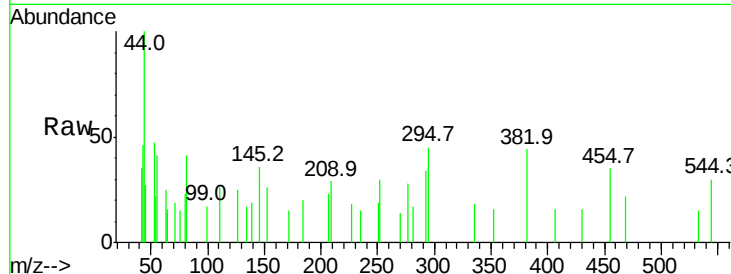




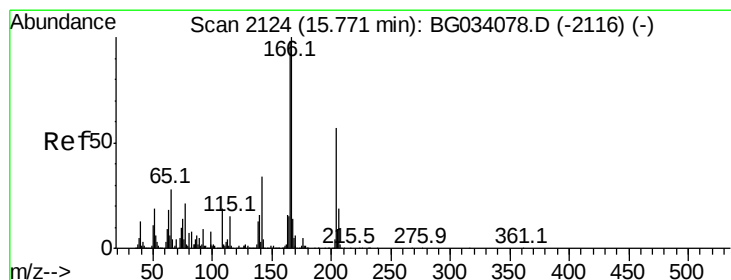
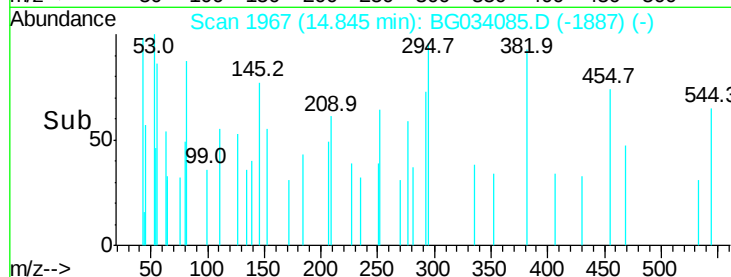
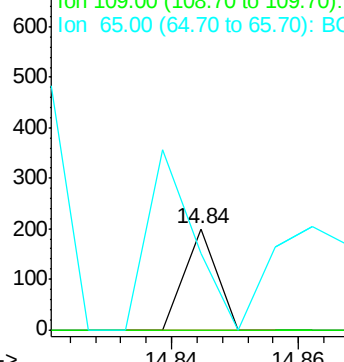
#55
4-Nitrophenol
Concen: 0.026 ng
RT: 14.84 min Scan# 1967
Delta R.T. -0.06 min
Lab File: BG034085.D
Acq: 1 May 2018 19:12

Instrument :
BNA_G
ClientSampleId :
PB108302BL

Tot Ion:139 Resp: 71
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 75.5 97.2 137.2#

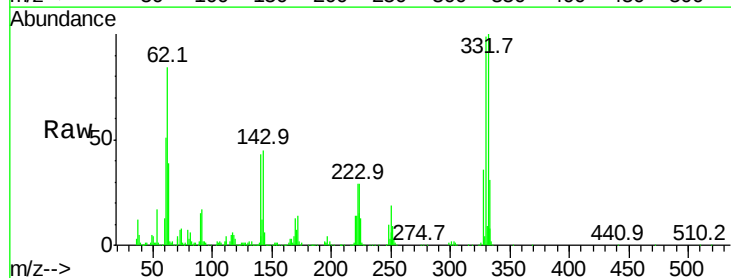


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

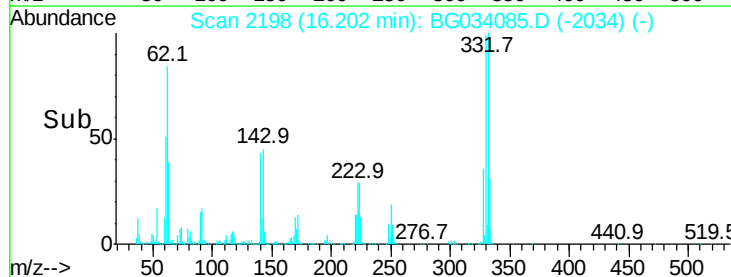
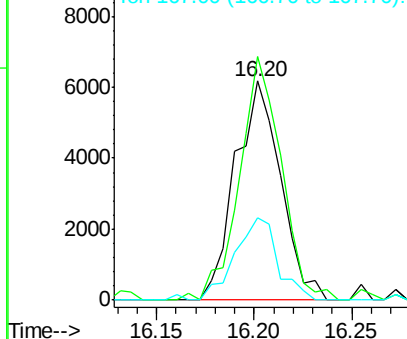


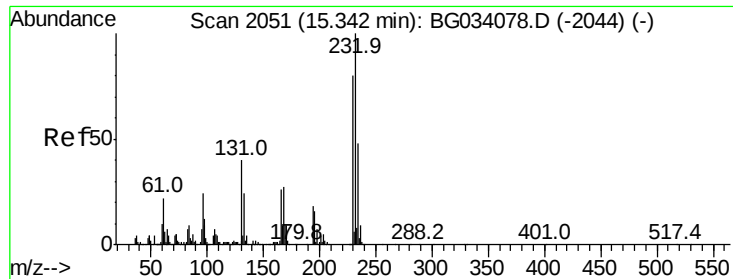
#57
Fluorene
Concen: 0.572 ng
RT: 16.20 min Scan# 2198
Delta R.T. 0.43 min
Lab File: BG034085.D
Acq: 1 May 2018 19:12

Tgt Ion:166 Resp: 9901
Ion Ratio Lower Upper
166 100
165 111.3 80.6 121.0
167 37.5 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

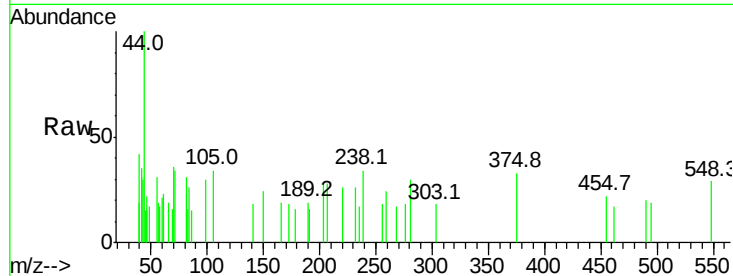




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.028 ng
 RT: 15.30 min Scan# 2045
 Delta R.T. -0.04 min
 Lab File: BG034085.D
 Acq: 1 May 2018 19:12

Instrument :
 BNA_G
 ClientSampleId :
 PB108302BL

Tot Ion:	232	Resp:	153
Ion	Ratio	Lower	Upper
232	100		
131	0.0	33.5	50.3#
130	0.0	2.2	3.2#
166	233.3	24.8	37.2#

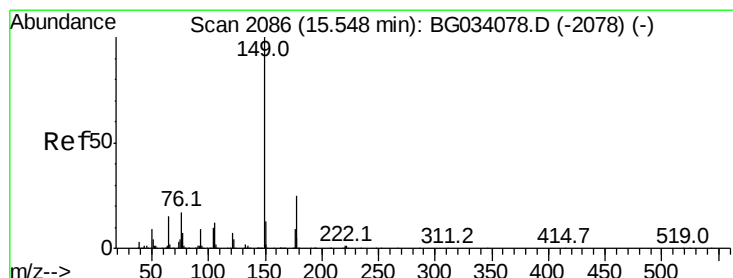
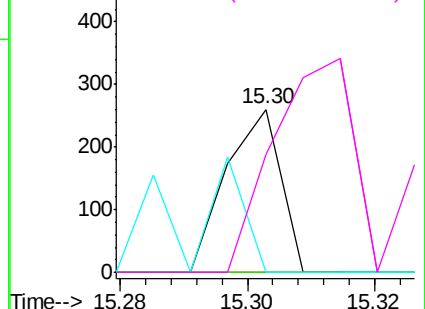
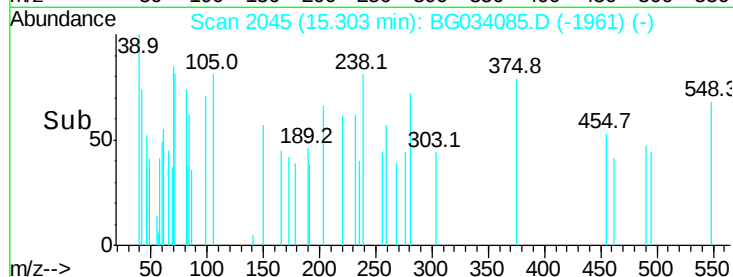


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

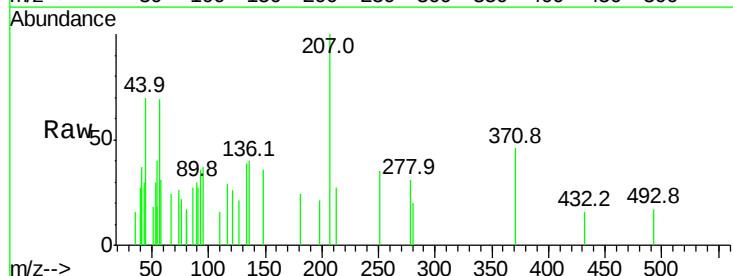
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 0.006 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG034085.D
 Acq: 1 May 2018 19:12

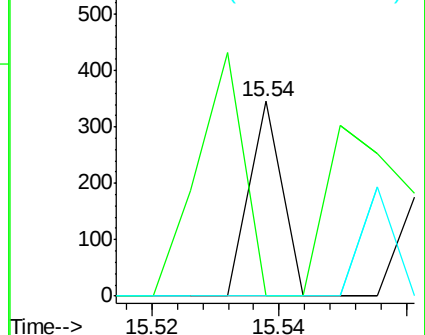
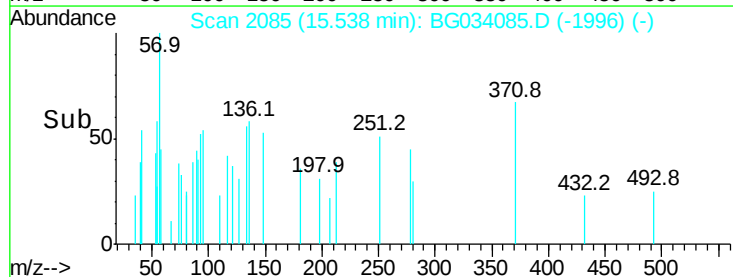
Tgt Ion:	149	Resp:	122
Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.5	27.7#
150	0.0	10.2	15.2#

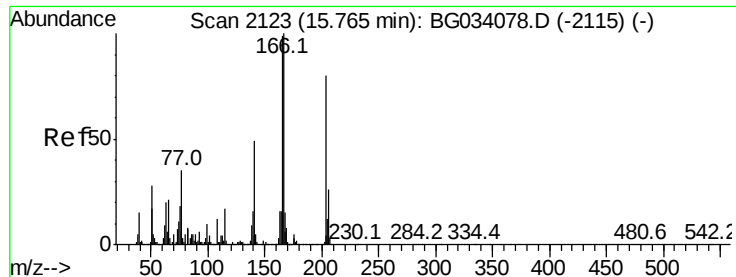


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 0.009 ng

RT: 15.65 min Scan# 2104

Delta R.T. -0.12 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

Instrument :

BNA_G

ClientSampleId :

PB108302BL

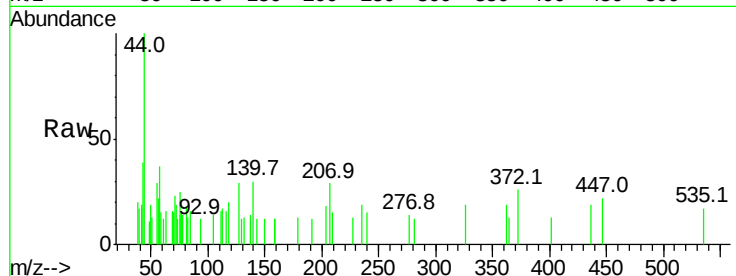
Tot Ion:204 Resp: 91

Ion Ratio Lower Upper

204 100

206 0.0 26.2 39.2#

141 0.0 45.8 68.6#



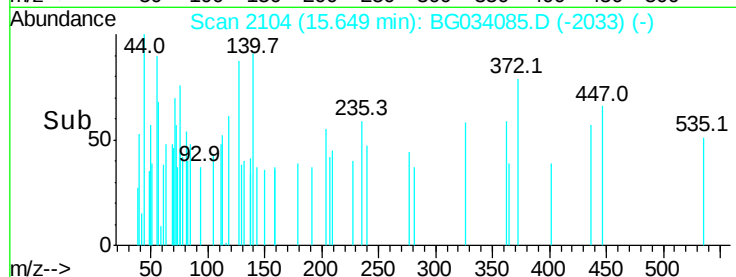
Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

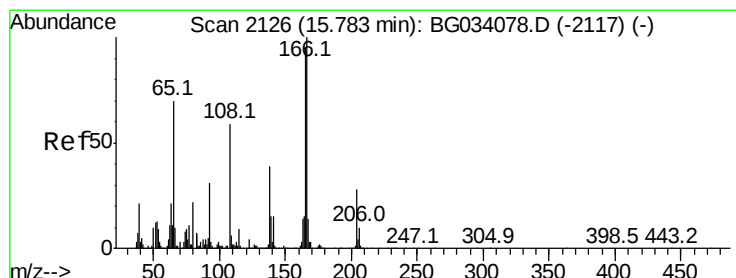
Ion 141.00 (140.70 to 141.70): E

15.65

15.66



Time-->



#61

4-Nitroaniline

Concen: 0.022 ng

RT: 15.77 min Scan# 2124

Delta R.T. -0.02 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

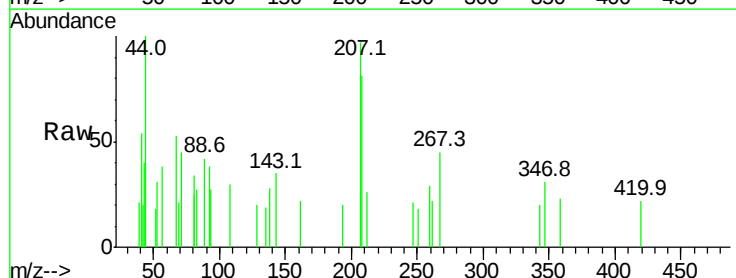
Tgt Ion:138 Resp: 85

Ion Ratio Lower Upper

138 100

92 133.8 40.1 80.1#

108 107.9 65.4 105.4#



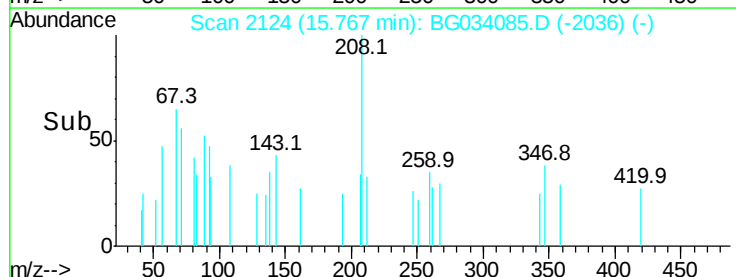
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

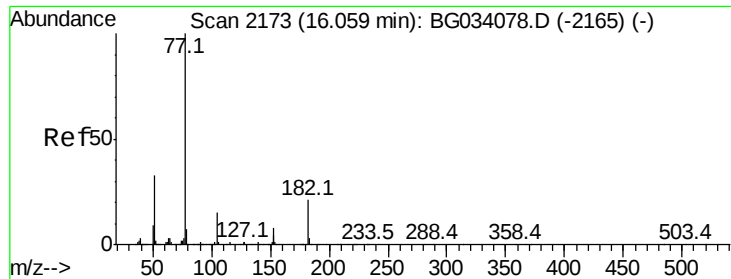
Ion 108.00 (107.70 to 108.70): E

15.77

15.78



Time-->



#62

Azobenzene

Concen: 0.006 ng

RT: 16.04 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

Instrument :

BNA_G

ClientSampleId :

PB108302BL

Tot Ion: 77 Resp: 120

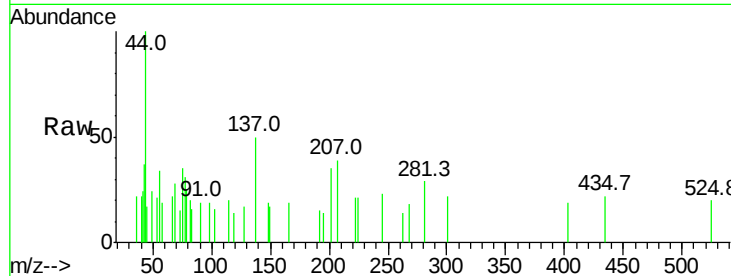
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 0.0 0.3 40.3#

51 0.0 11.6 51.6#

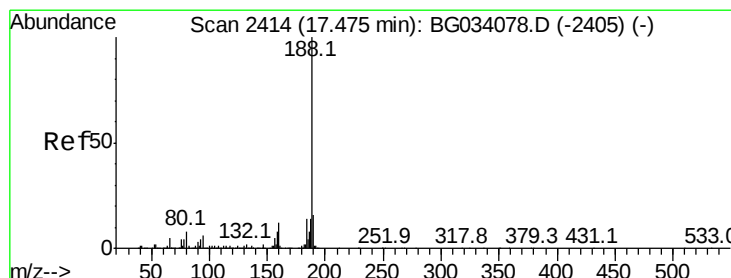
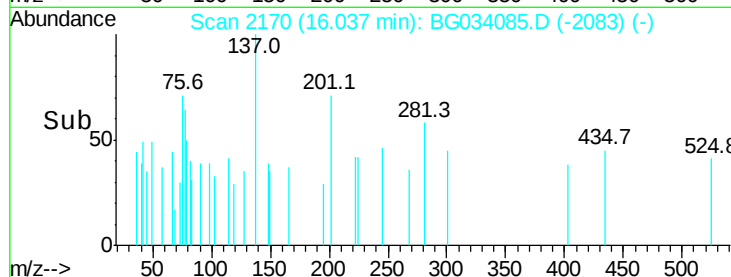
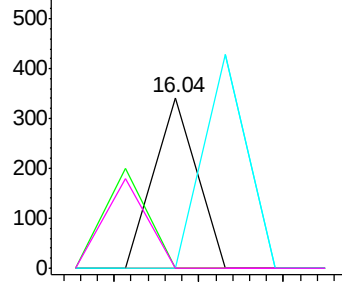


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

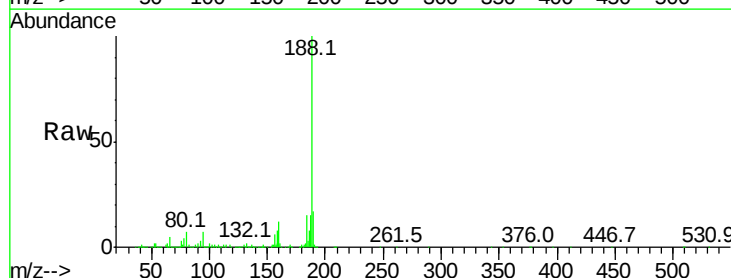
Tgt Ion: 188 Resp: 600741

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

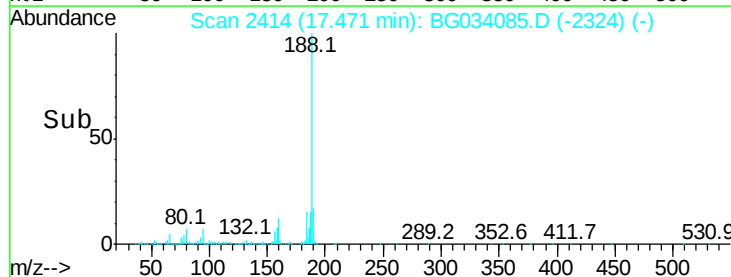
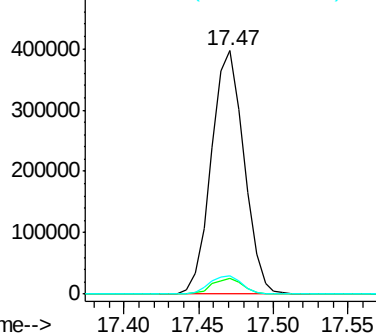
80 7.4 7.7 11.5#

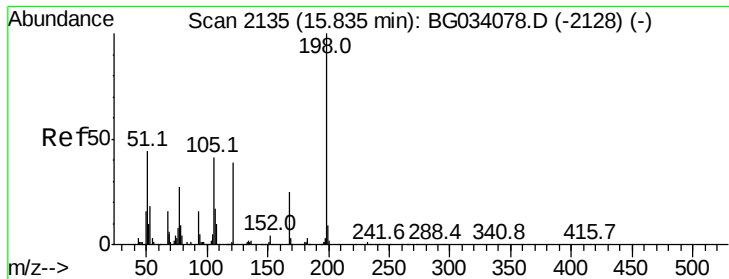


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 0.038 ng

RT: 15.76 min Scan# 2123

Delta R.T. -0.07 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

Instrument :

BNA_G

ClientSampleId :

PB108302BL

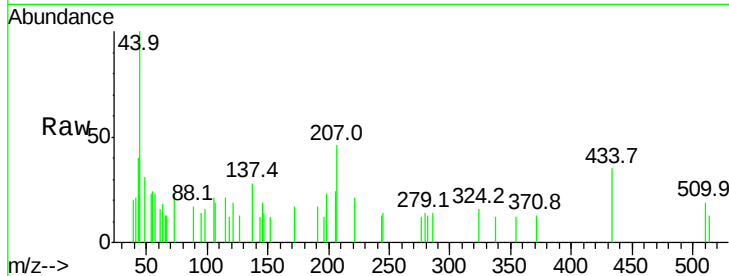
Tot Ion:198 Resp: 106

Ion Ratio Lower Upper

198 100

51 0.0 30.6 70.6#

105 91.7 23.8 63.8#

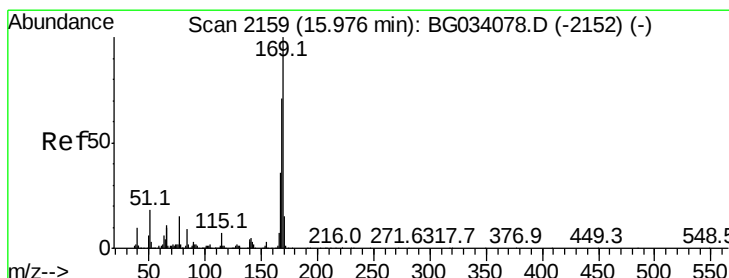
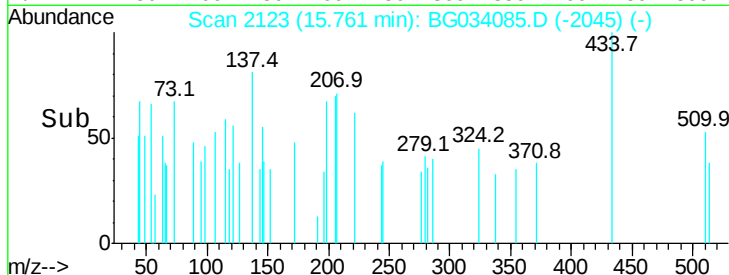
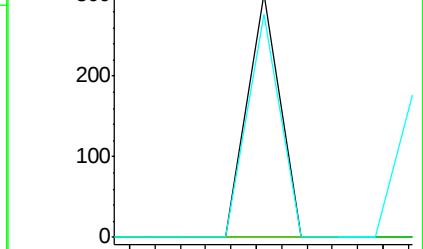


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E

15.76



#65

n-Nitrosodiphenylamine

Concen: 0.937 ng

RT: 16.20 min Scan# 2198

Delta R.T. 0.23 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

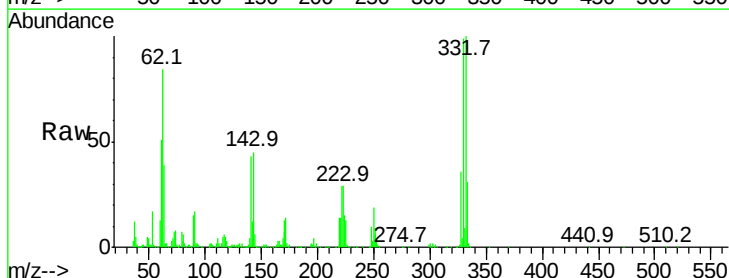
Tgt Ion:169 Resp: 15352

Ion Ratio Lower Upper

169 100

168 11.9 55.7 83.5#

167 22.8 30.1 45.1#

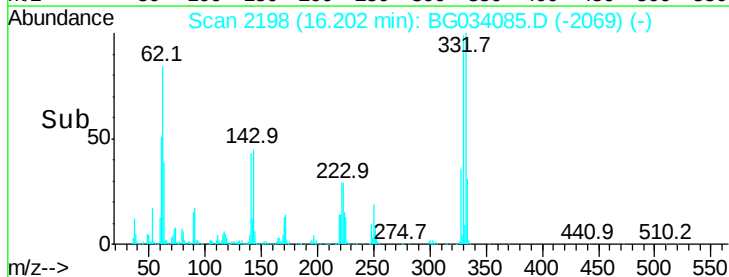
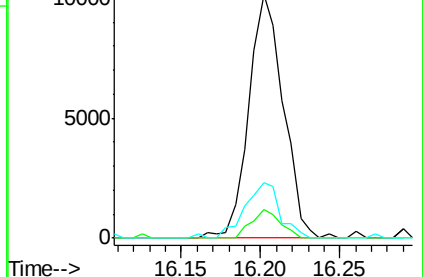


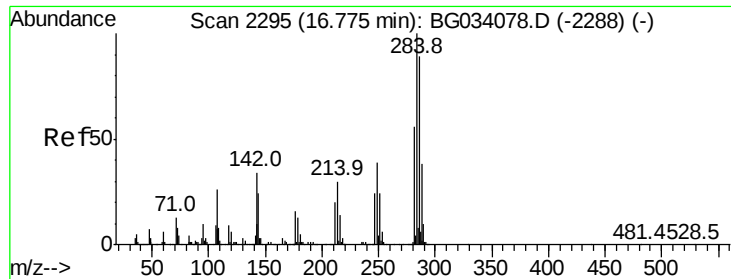
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

16.20

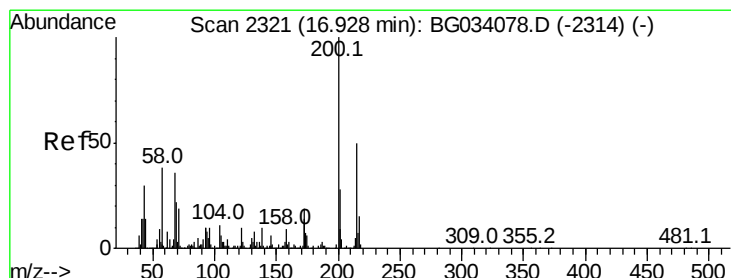
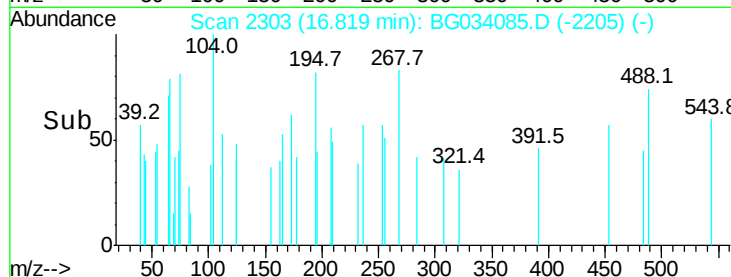
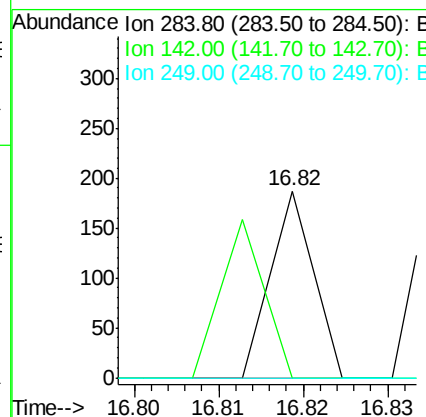
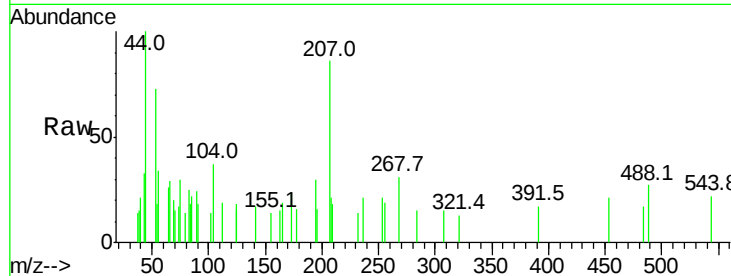




#67
Hexachlorobenzene
Concen: 0.009 ng
RT: 16.82 min Scan# 2303
Delta R.T. 0.04 min
Lab File: BG034085.D
Acq: 1 May 2018 19:12

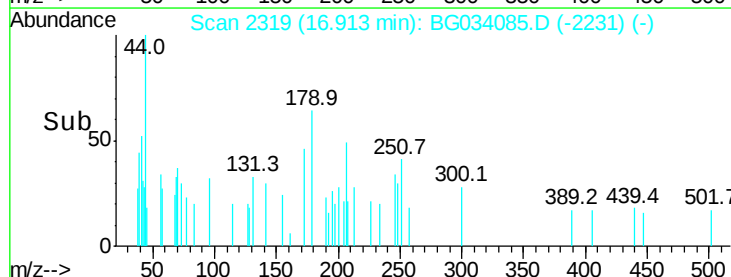
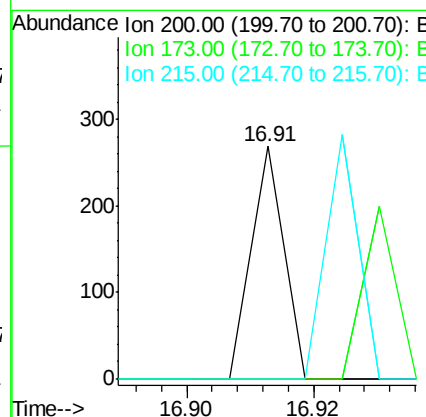
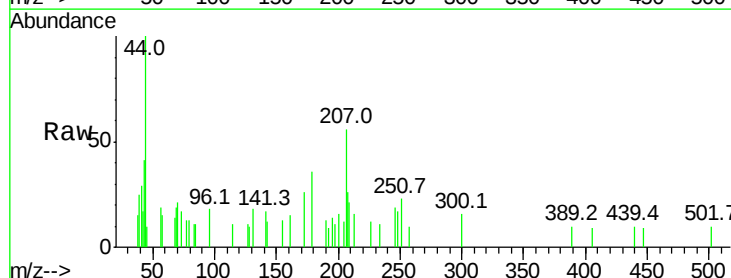
Instrument :
BNA_G
ClientSampleId :
PB108302BL

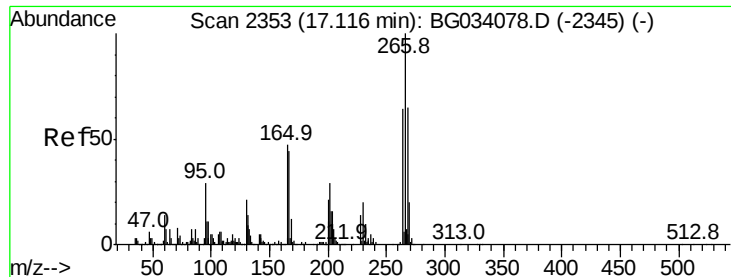
Tot Ion:284 Resp: 66
Ion Ratio Lower Upper
284 100
142 0.0 26.8 40.2#
249 0.0 26.3 39.5#



#68
Atrazine
Concen: 0.927 ng
RT: 16.91 min Scan# 2319
Delta R.T. -0.02 min
Lab File: BG034085.D
Acq: 1 May 2018 19:12

Tgt Ion:200 Resp: 95
Ion Ratio Lower Upper
200 100
173 0.0 5.2 45.2#
215 0.0 30.4 70.4#





#69

Pentachlorophenol

Concen: 0.017 ng

RT: 17.17 min Scan# 2362

Delta R.T. 0.05 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

Instrument :

BNA_G

ClientSampleId :

PB108302BL

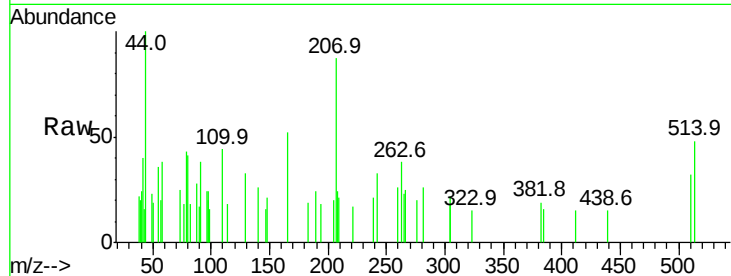
Tot Ion:266 Resp: 90

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

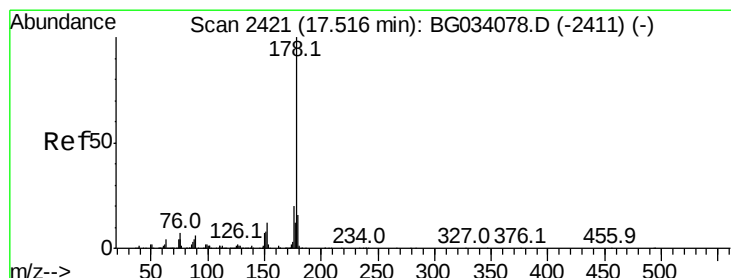
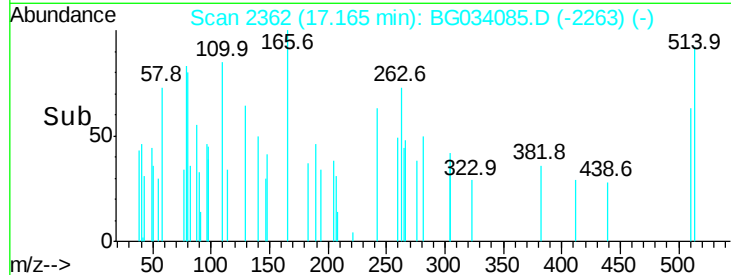
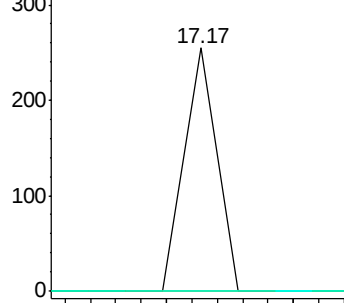
264 0.0 49.6 74.4#



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: 0.002 ng

RT: 17.54 min Scan# 2426

Delta R.T. 0.03 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

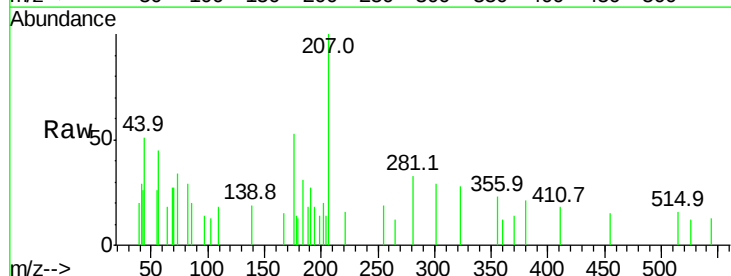
Tgt Ion:178 Resp: 65

Ion Ratio Lower Upper

178 100

176 370.8 15.7 23.5#

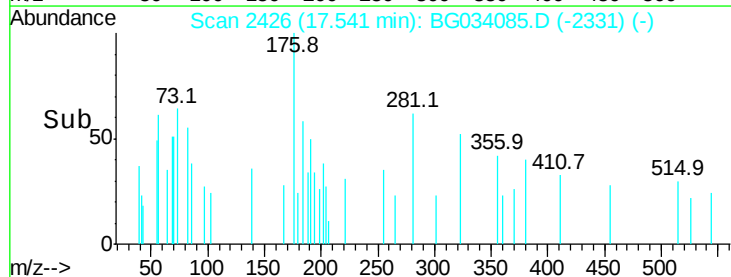
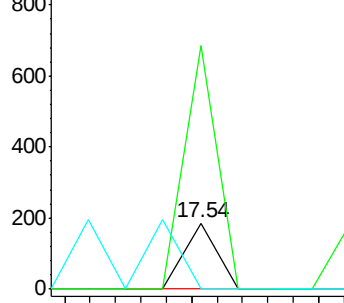
179 0.0 12.5 18.7#

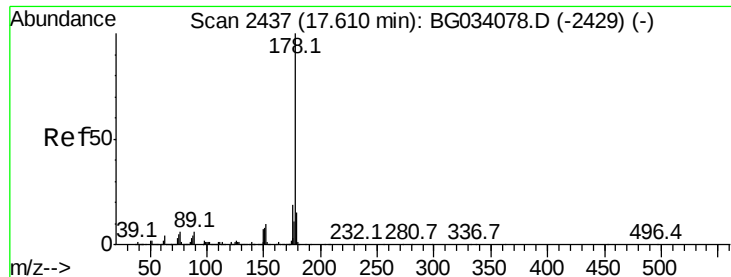


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 0.002 ng

RT: 17.54 min Scan# 2426

Delta R.T. -0.07 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

Instrument :

BNA_G

ClientSampleId :

PB108302BL

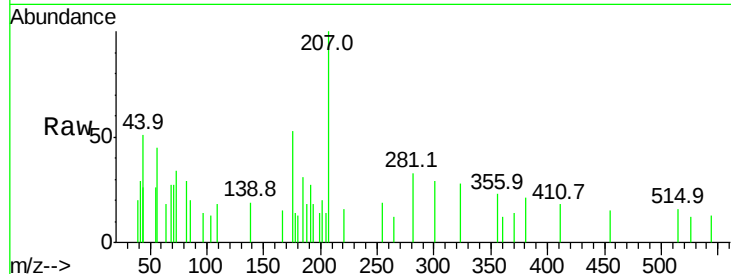
Tot Ion:178 Resp: 65

Ion Ratio Lower Upper

178 100

176 370.8 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

800

600

400

200

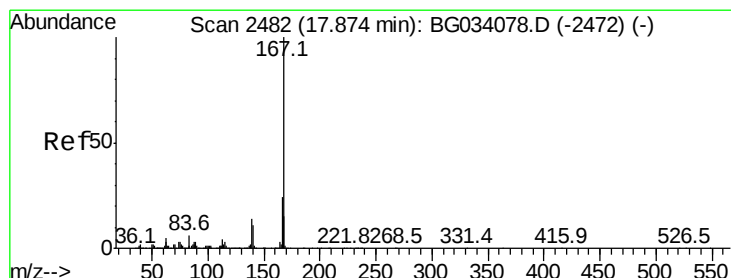
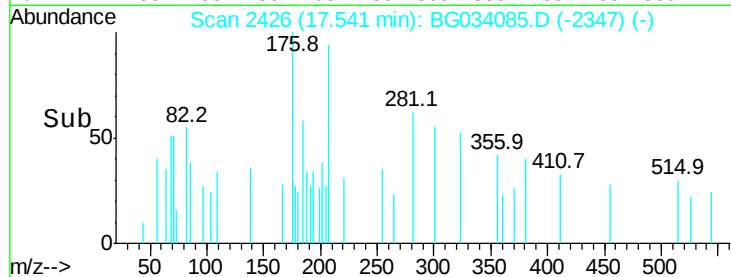
0

17.52

17.54

17.56

Time-->



#72

Carbazole

Concen: 0.005 ng

RT: 17.85 min Scan# 2479

Delta R.T. -0.02 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

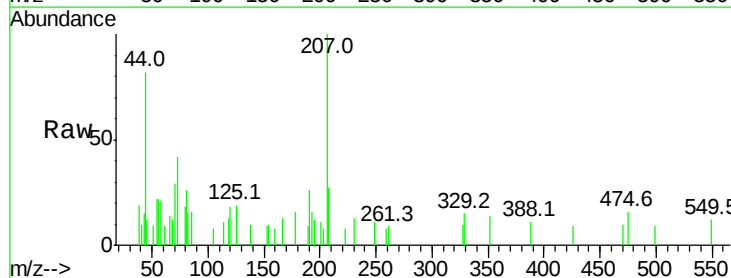
Tgt Ion:167 Resp: 153

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

300

200

100

0

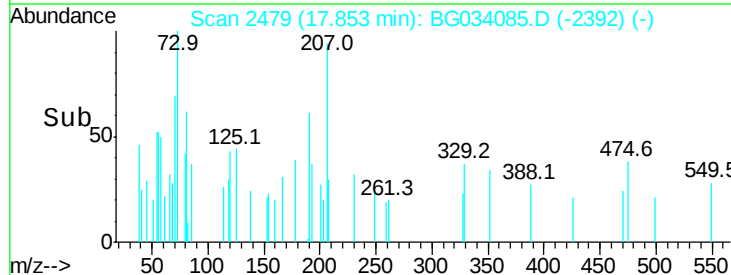
17.84

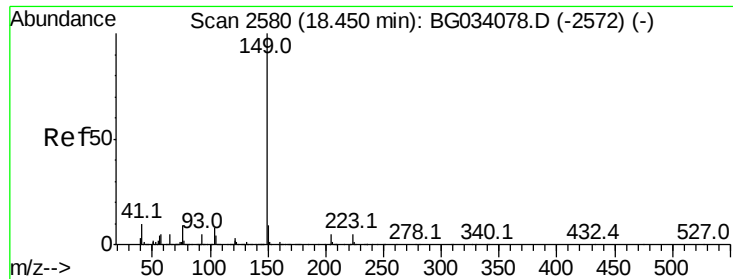
17.85

17.86

17.88

Time-->





#73

Di-n-butylphthalate

Concen: 0.017 ng

RT: 18.44 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

Instrument :

BNA_G

ClientSampleId :

PB108302BL

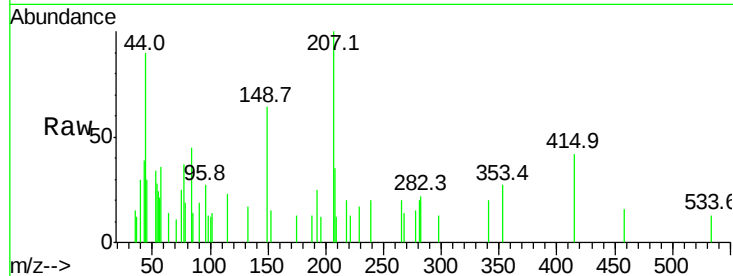
Tot Ion:149 Resp: 598

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

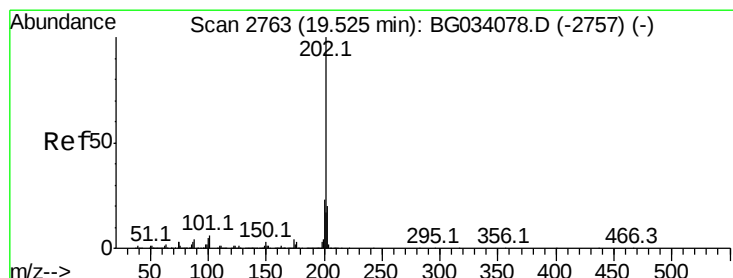
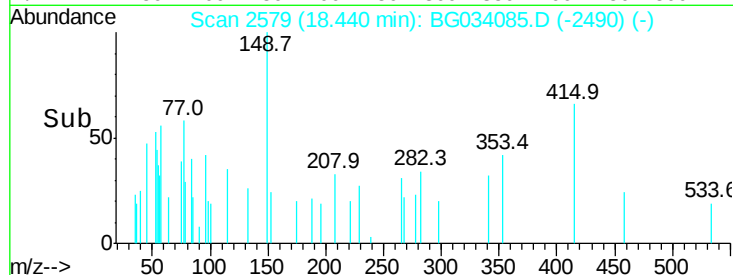
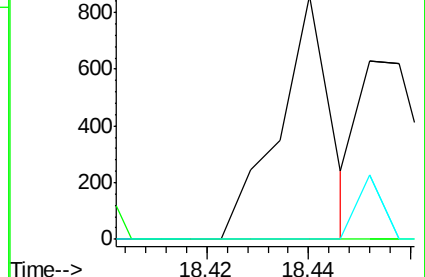
104 0.0 3.9 5.9#



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: 19.53 min Scan# 2764

Delta R.T. 0.00 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

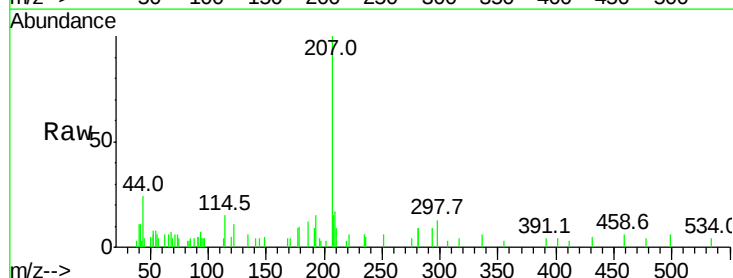
Tgt Ion:202 Resp: 57

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

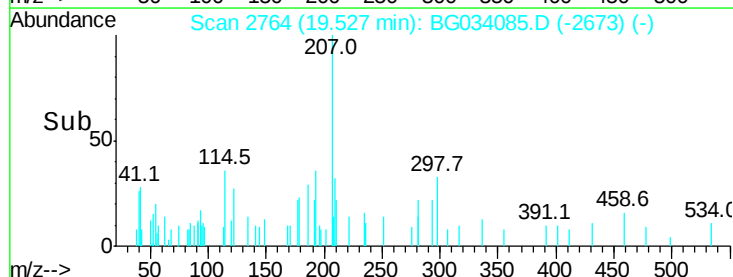
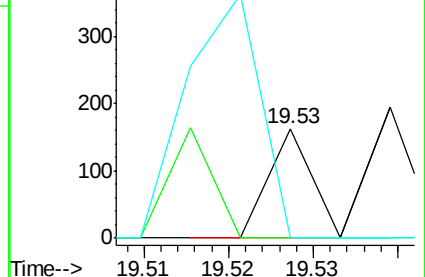
203 0.0 0.0 37.5

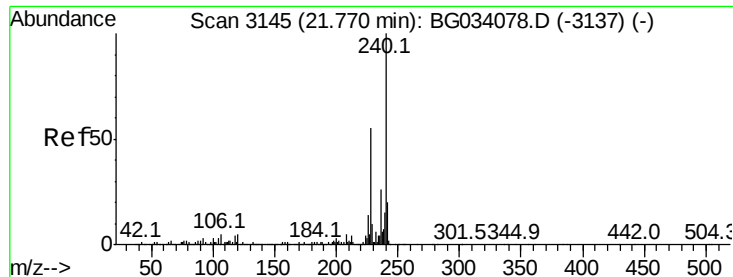


Abundance Ion 202.00 (201.70 to 202.70): E

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: BG034085.D

Acq: 1 May 2018 19:12

Instrument :

BNA_G

ClientSampleId :

PB108302BL

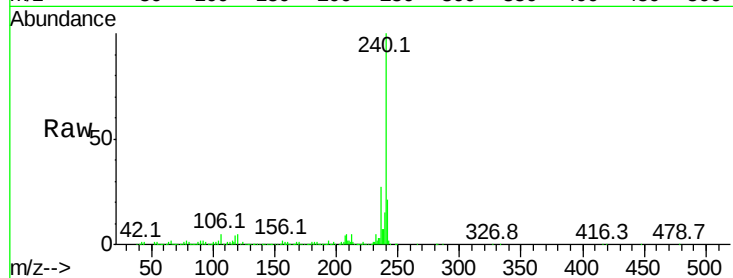
Tot Ion:240 Resp: 727903

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

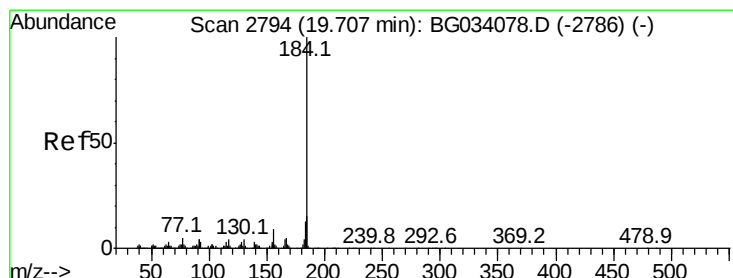
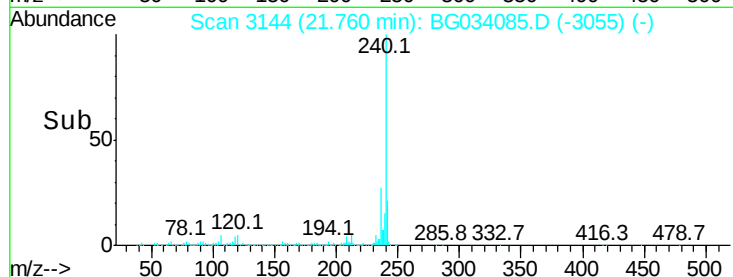
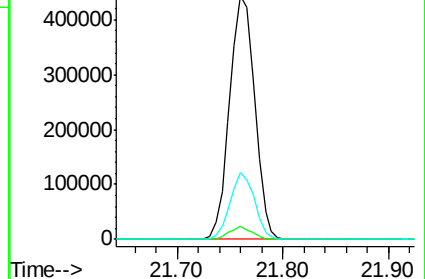
236 27.3 20.9 31.3



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: 0.148 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

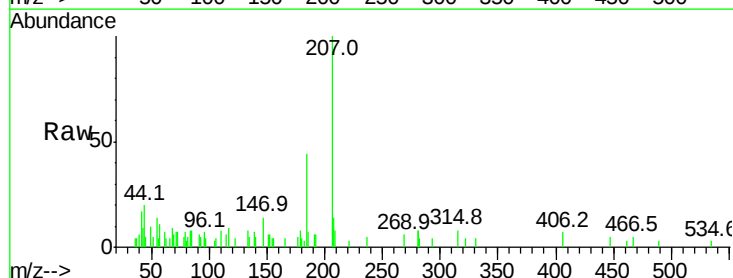
Tgt Ion:184 Resp: 2783

Ion Ratio Lower Upper

184 100

185 0.0 11.1 16.7#

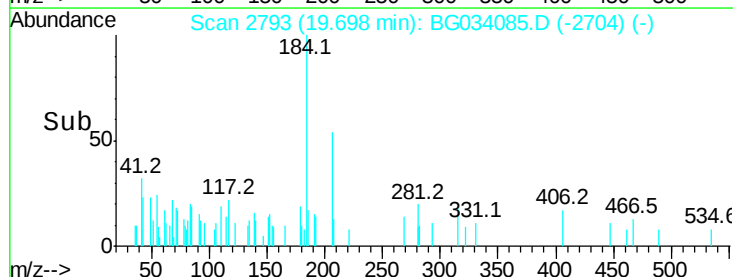
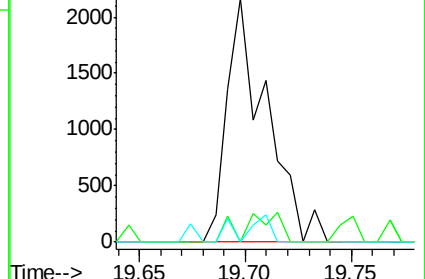
183 0.0 10.6 16.0#

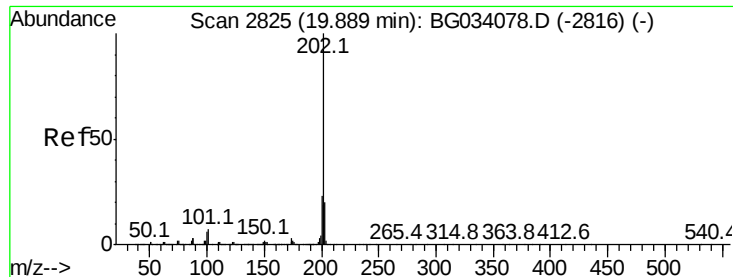


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

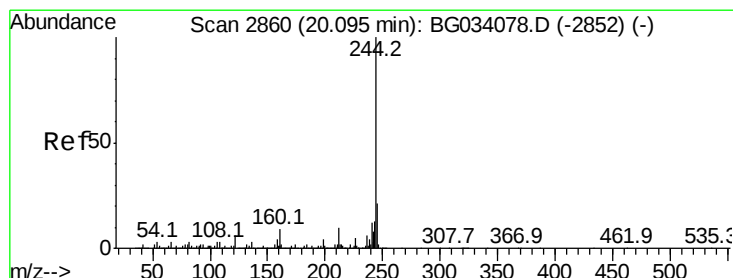
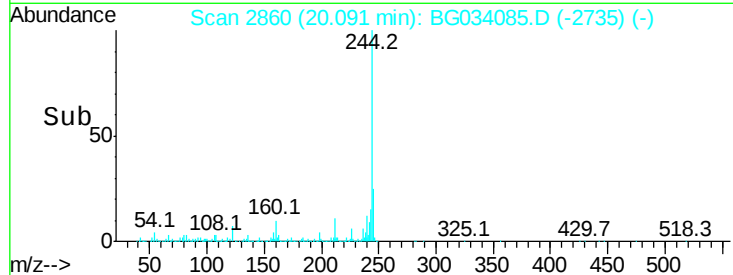
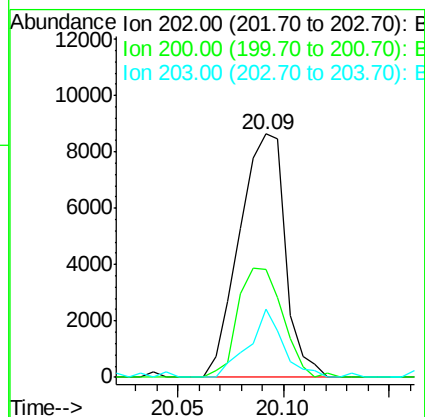
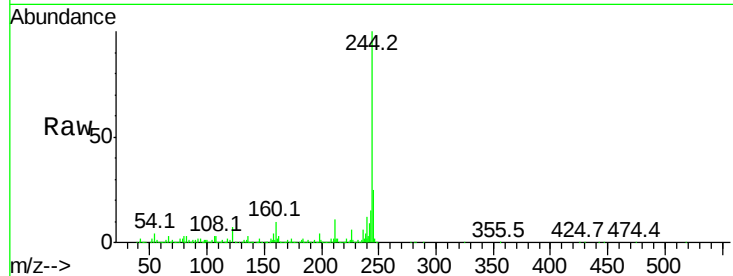




#77
Pvrene
Concen: 0.287 ng
RT: 20.09 min Scan# 2860
Delta R.T. 0.20 min
Lab File: BG034085.D
Acq: 1 May 2018 19:12

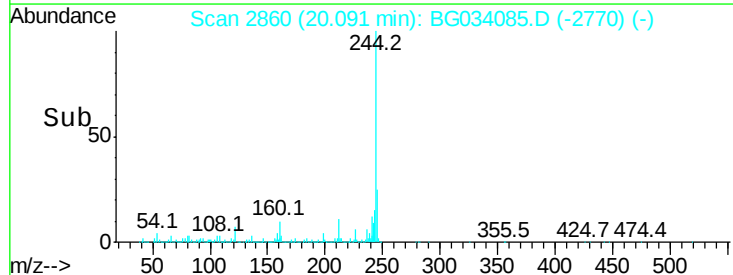
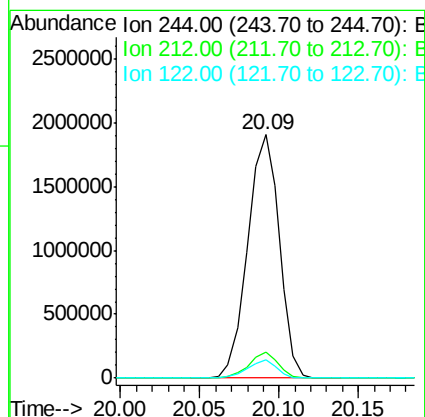
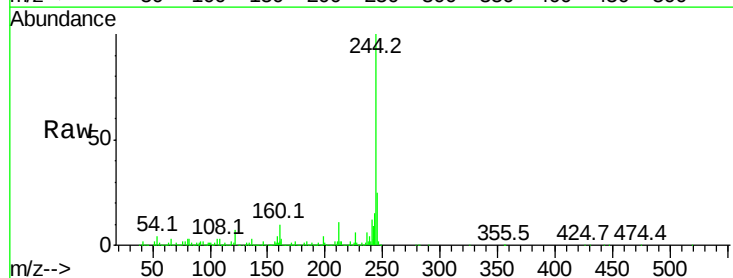
Instrument :
BNA_G
ClientSampleId :
PB108302BL

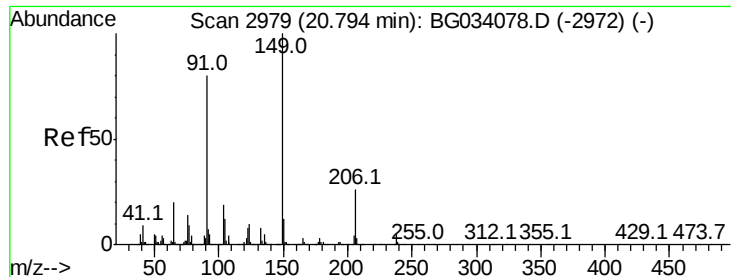
Tot Ion:202 Resp: 13068
Ion Ratio Lower Upper
202 100
200 44.2 16.9 25.3#
203 28.2 13.9 20.9#



#78
Terphenyl-d14
Concen: 79.285 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BG034085.D
Acq: 1 May 2018 19:12

Tgt Ion:244 Resp: 2634429
Ion Ratio Lower Upper
244 100
212 10.6 5.8 8.8#
122 7.3 7.0 10.4

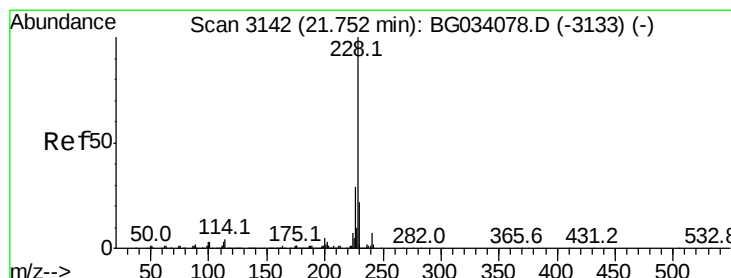
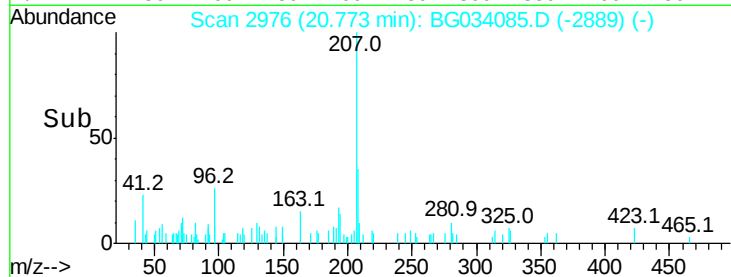
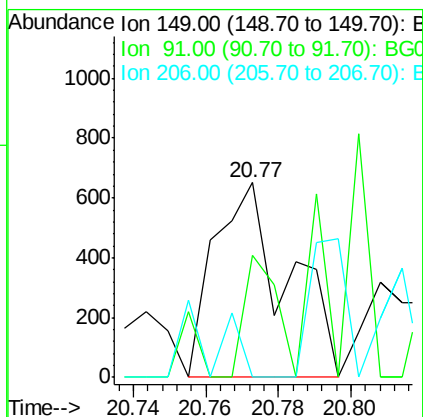
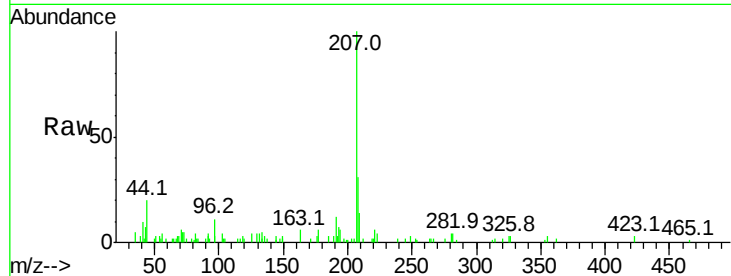




#79
Butylbenzylphthalate
Concen: 0.051 ng
RT: 20.77 min Scan# 2976
Delta R.T. -0.02 min
Lab File: BG034085.D
Acq: 1 May 2018 19:12

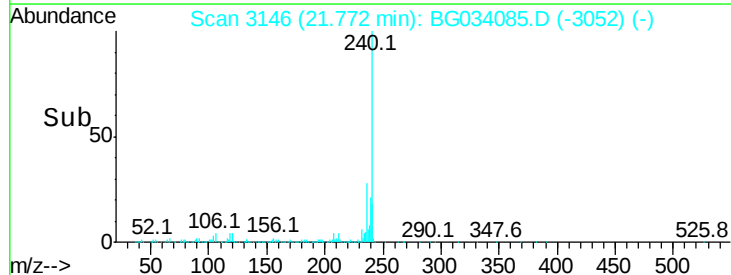
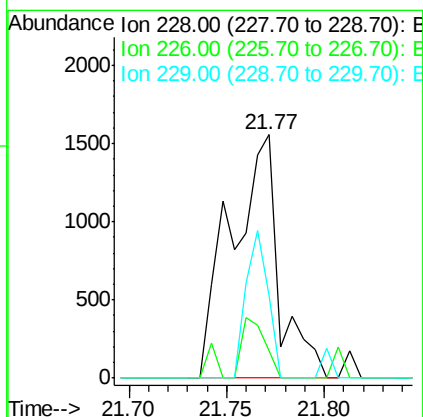
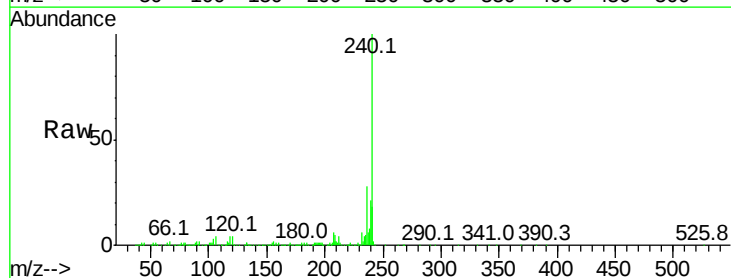
Instrument :
BNA_G
ClientSampleId :
PB108302BL

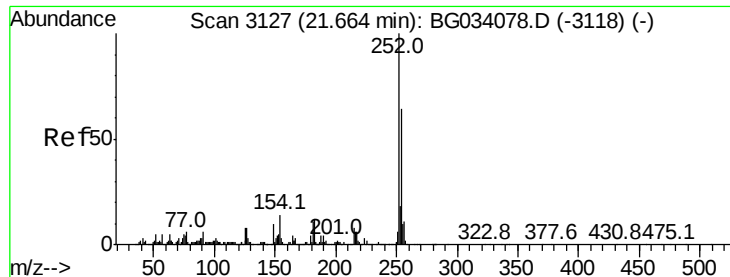
Tot Ion:149 Resp: 915
Ion Ratio Lower Upper
149 100
91 62.6 62.2 93.2
206 0.0 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 0.057 ng
RT: 21.77 min Scan# 3146
Delta R.T. 0.02 min
Lab File: BG034085.D
Acq: 1 May 2018 19:12

Tgt Ion:228 Resp: 2643
Ion Ratio Lower Upper
228 100
226 11.2 22.7 34.1#
229 34.0 16.2 24.2#

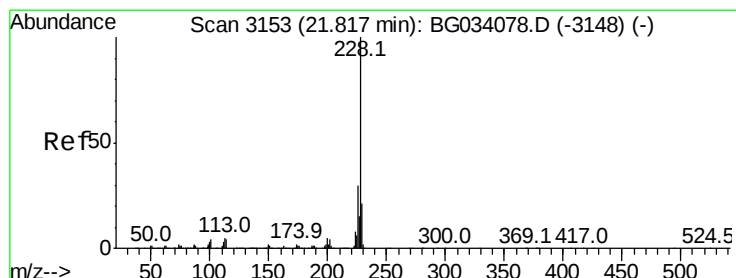
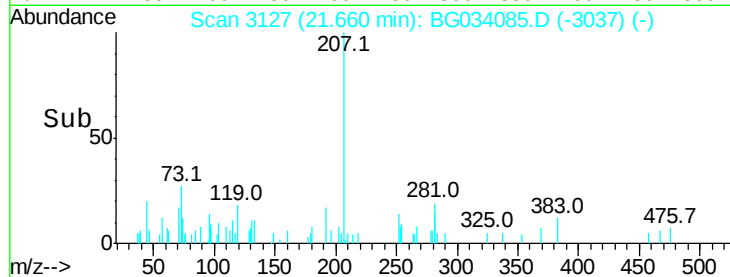
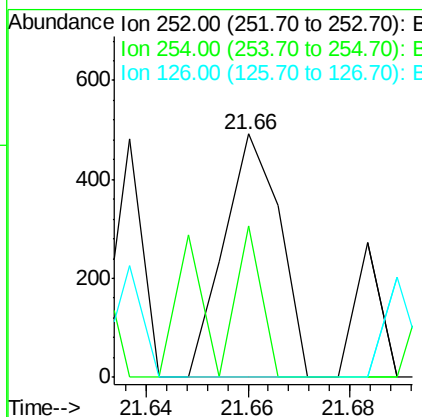
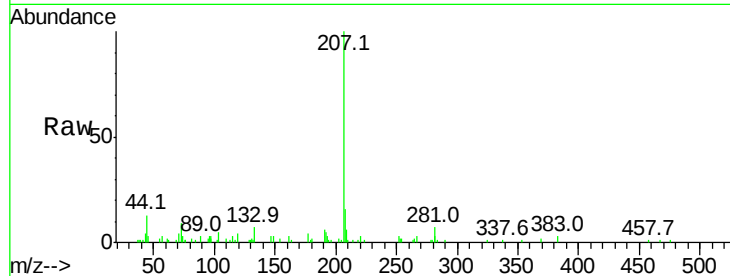




#81
 3,3'-Dichlorobenzidine
 Concen: 0.021 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: BG034085.D
 Acq: 1 May 2018 19:12

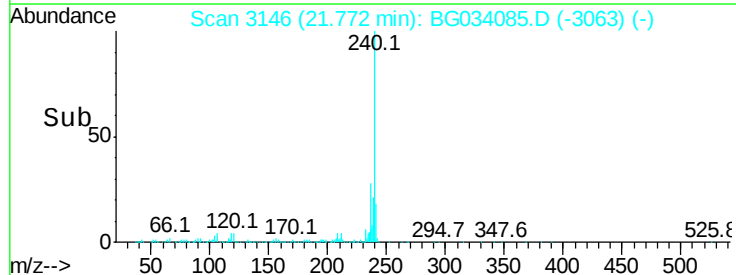
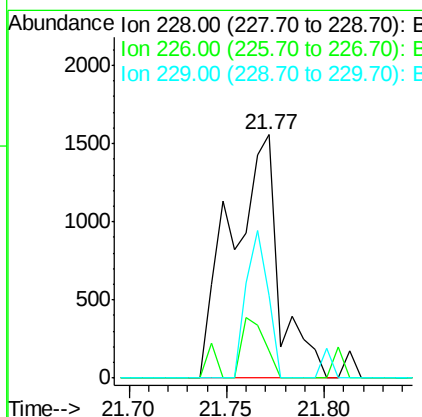
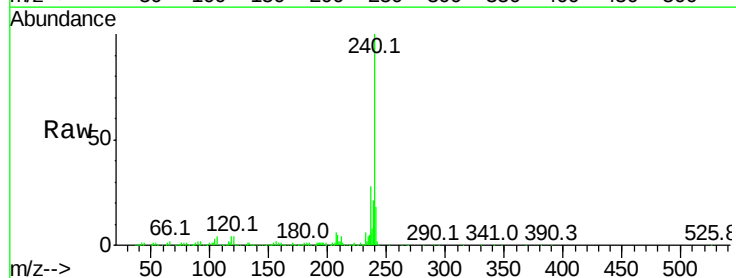
Instrument :
 BNA_G
 ClientSampleId :
 PB108302BL

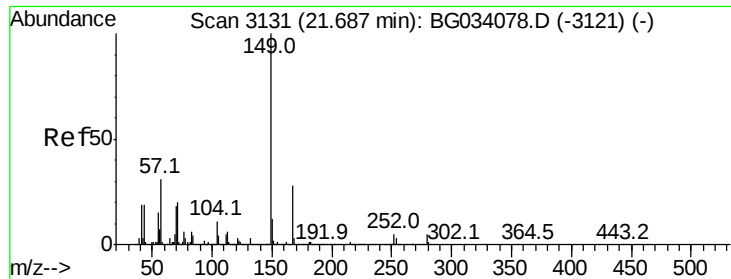
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.4	50.8	76.2
126	0.0	7.4	11.2#



#82
 Chrysene
 Concen: 0.059 ng
 RT: 21.77 min Scan# 3146
 Delta R.T. -0.04 min
 Lab File: BG034085.D
 Acq: 1 May 2018 19:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	11.2	24.9	37.3#
229	34.0	15.0	22.4#





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.035 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

Instrument :

BNA_G

ClientSampleId :

PB108302BL

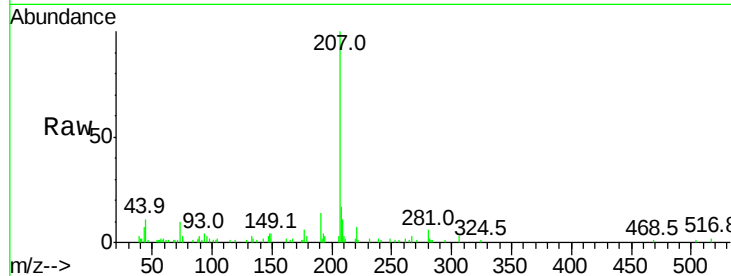
Tot Ion:149 Resp: 860

Ion Ratio Lower Upper

149 100

167 38.7 24.3 36.5#

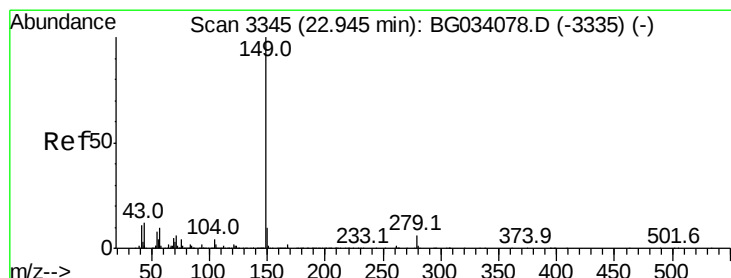
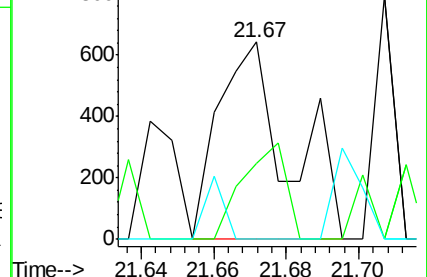
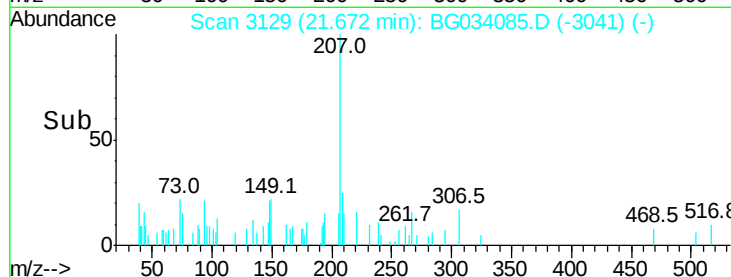
279 0.0 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 0.003 ng

RT: 22.93 min Scan# 3343

Delta R.T. -0.02 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

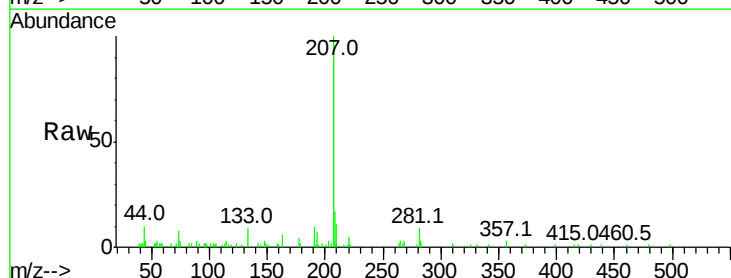
Tgt Ion:149 Resp: 127

Ion Ratio Lower Upper

149 100

167 100.8 1.4 2.0#

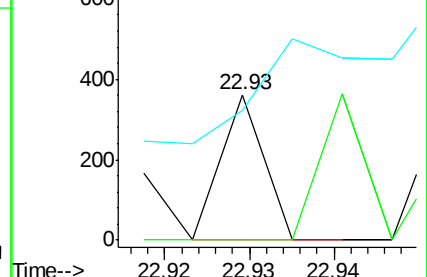
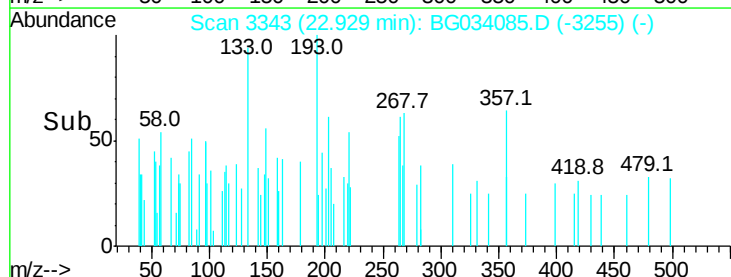
43 0.0 8.9 13.3#

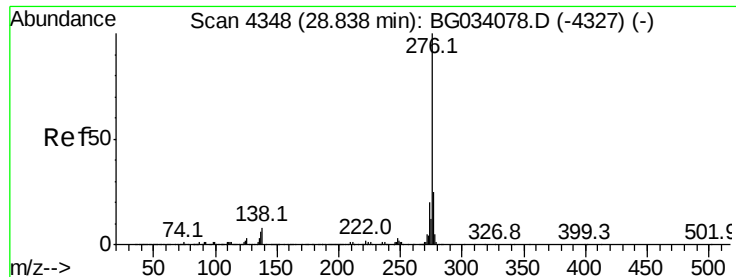


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

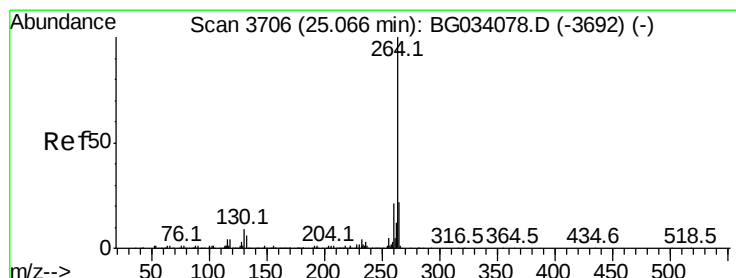
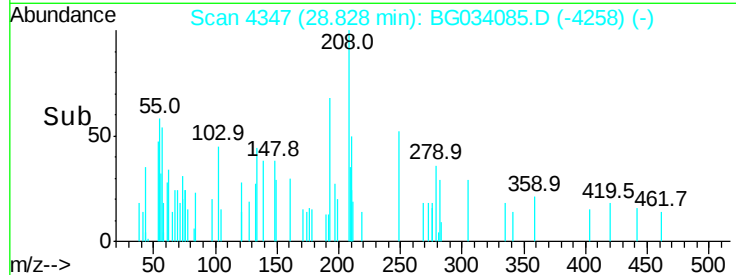
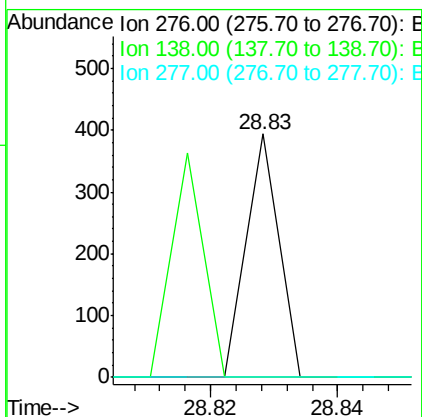
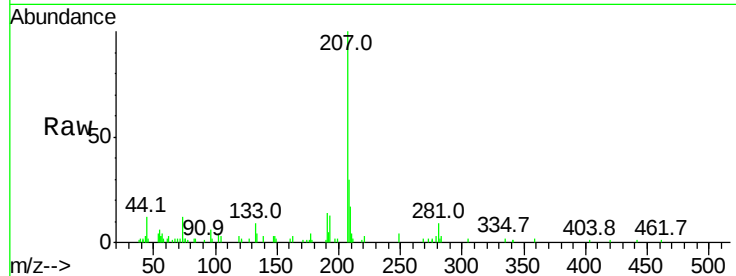




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.003 ng
 RT: 28.83 min Scan# 4347
 Delta R.T. -0.01 min
 Lab File: BG034085.D
 Acq: 1 May 2018 19:12

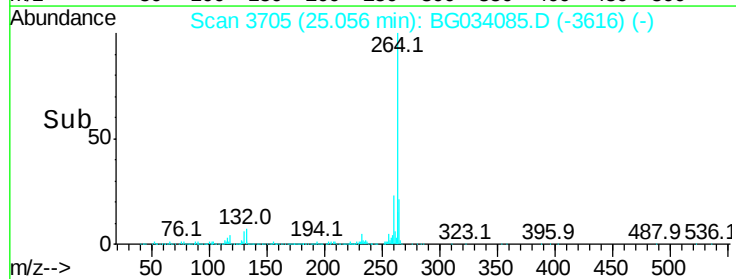
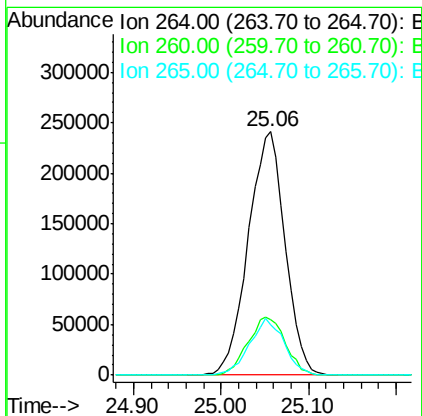
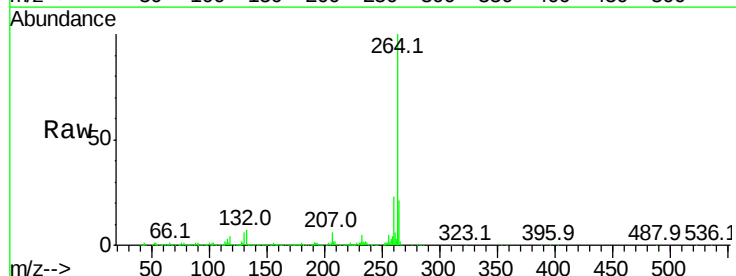
Instrument :
 BNA_G
 ClientSampleId :
 PB108302BL

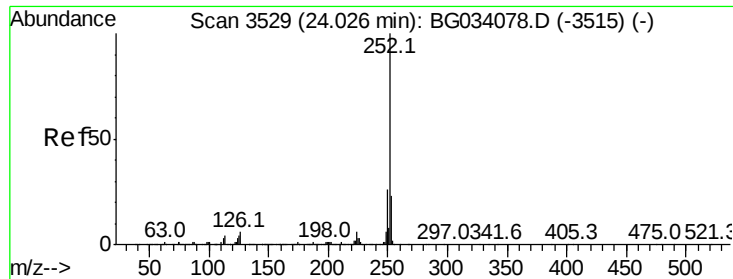
Tot Ion	Ratio	Lower	Upper
276	100		
138	92.1	16.0	24.0#
277	0.0	20.0	30.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.06 min Scan# 3705
 Delta R.T. -0.01 min
 Lab File: BG034085.D
 Acq: 1 May 2018 19:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	20.7	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 0.006 ng

RT: 24.05 min Scan# 3533

Delta R.T. 0.02 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

Instrument :

BNA_G

ClientSampleId :

PB108302BL

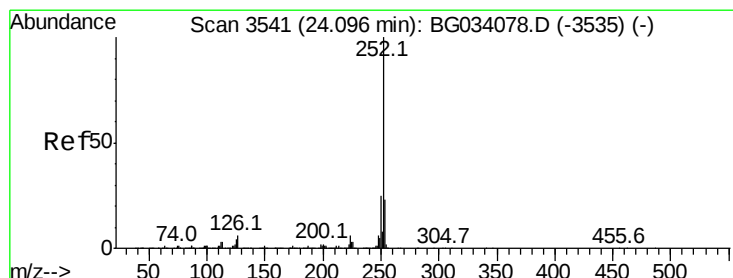
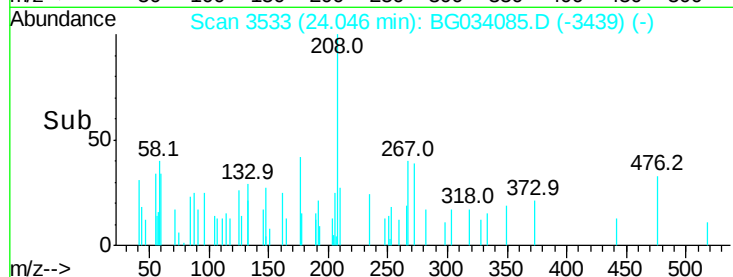
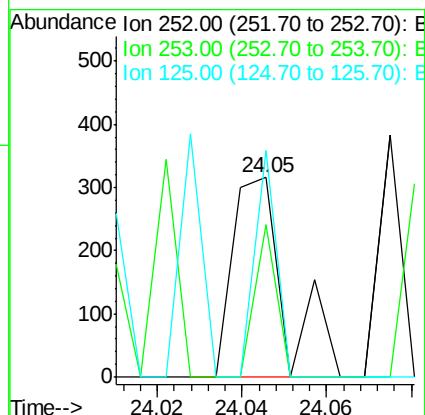
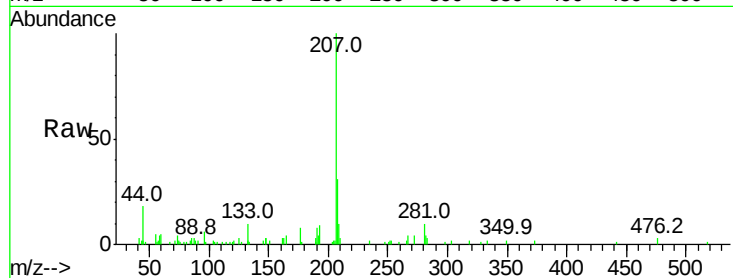
Tot Ion:252 Resp: 272

Ion Ratio Lower Upper

252 100

253 76.3 18.2 27.4#

125 113.3 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 0.004 ng

RT: 24.09 min Scan# 3541

Delta R.T. -0.00 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

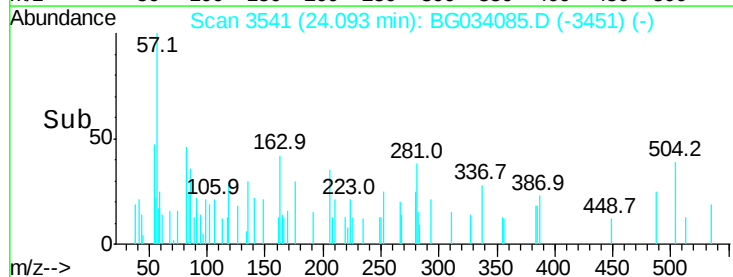
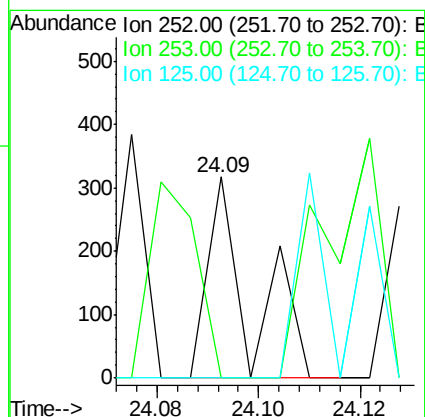
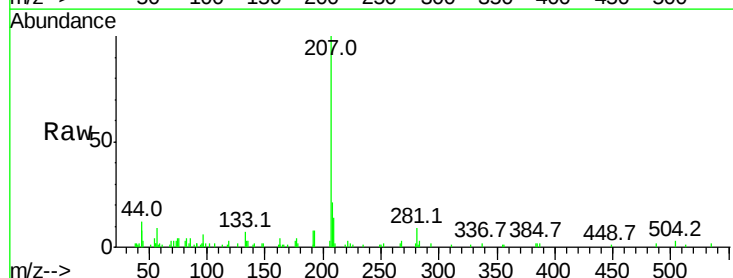
Tgt Ion:252 Resp: 185

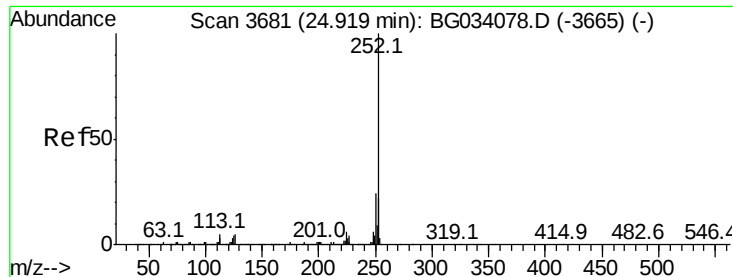
Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

125 0.0 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 0.003 ng

RT: 24.92 min Scan# 3682

Delta R.T. 0.00 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

Instrument :

BNA_G

ClientSampled :

PB108302BL

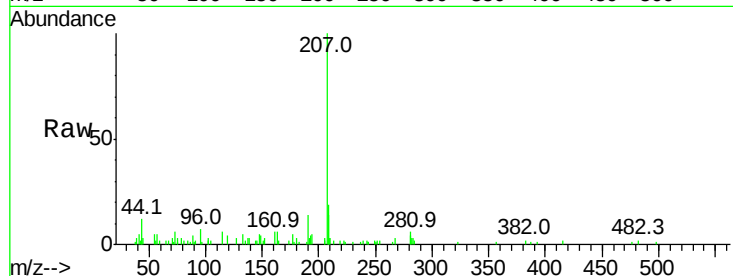
Tot Ion:252 Resp: 107

Ion Ratio Lower Upper

252 100

253 0.0 18.3 27.5#

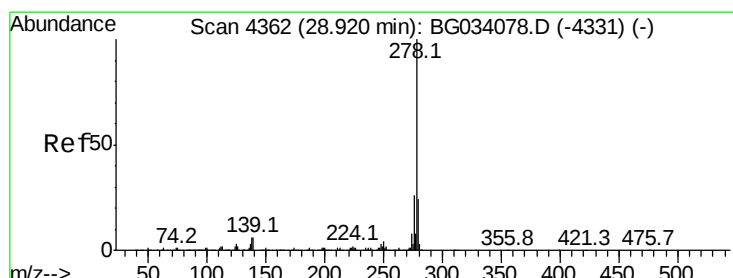
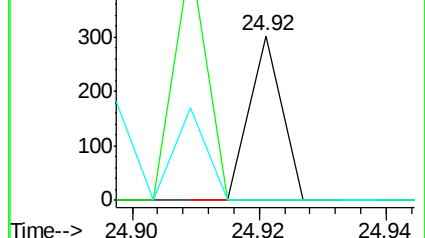
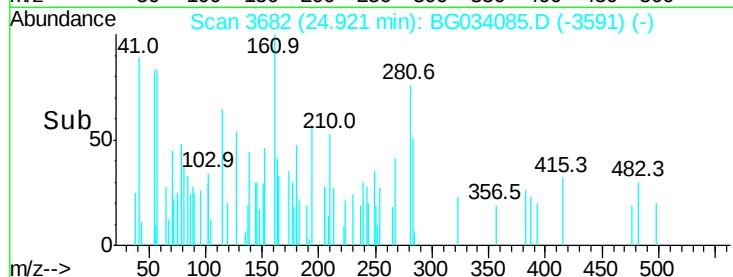
125 0.0 7.3 10.9#



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: 0.006 ng

RT: 28.84 min Scan# 4349

Delta R.T. -0.08 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

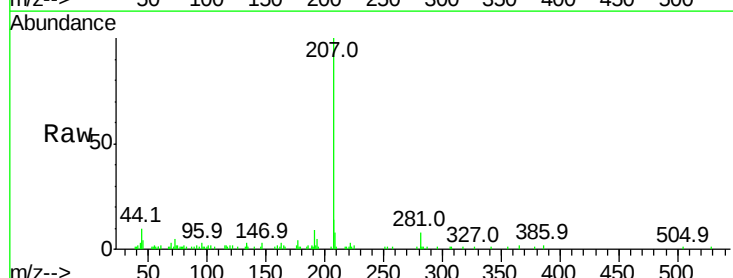
Tgt Ion:278 Resp: 215

Ion Ratio Lower Upper

278 100

139 78.4 9.8 14.6#

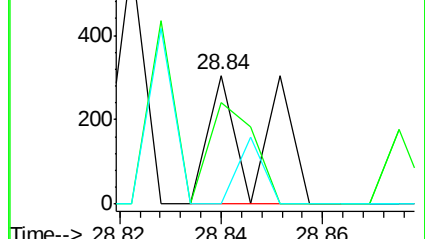
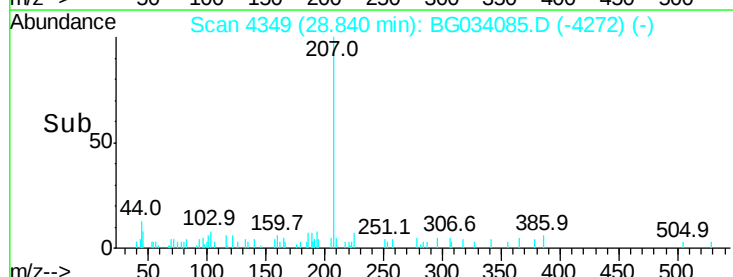
279 0.0 18.4 27.6#

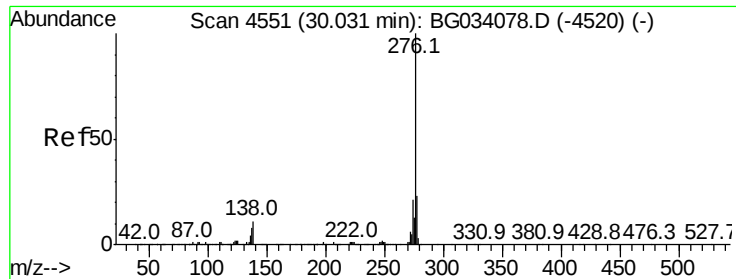


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.004 ng

RT: 30.09 min Scan# 4561

Delta R.T. 0.05 min

Lab File: BG034085.D

Acq: 1 May 2018 19:12

Instrument :

BNA_G

ClientSampleId :

PB108302BL

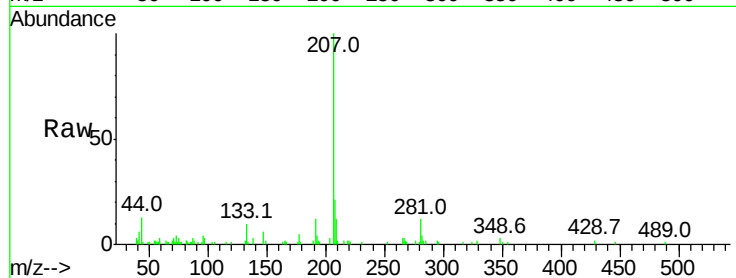
Tot Ion:276 Resp: 141

Ion Ratio Lower Upper

276 100

277 0.0 18.3 27.5#

138 111.2 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

600

500

400

300

200

100

0

30.08

30.09

30.10

Time-->

