

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034120.D
 Acq On : 2 May 2018 17:34
 Operator : SJ/JU
 Sample : PB108725BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 03 04:44:45 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	8.07	152	75843	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	319171	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	251644	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	671486	20.00	ng	0.00
75) Chrysene-d12	21.76	240	668600	20.00	ng	0.00
86) Perylene-d12	25.05	264	684081	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	742046	158.07	ng	0.00
7) Phenol-d6	7.23	99	1116372	152.76	ng	0.00
23) Nitrobenzene-d5	9.24	82	791901	95.20	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	515455	147.93	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1632262	94.52	ng	0.00
78) Terphenyl-d14	20.09	244	2777189	90.99	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	72058	36.55	ng	# 82
3) Pyridine	3.94	79	234824	37.97	ng	# 84
4) n-Nitrosodimethylamine	3.86	42	157506	46.70	ng	# 79
6) Aniline	7.39	93	381723	38.40	ng	94
8) 2-Chlorophenol	7.63	128	238245	50.86	ng	89
9) Benzaldehyde	7.20	77	127753	28.96	ng	91
10) Phenol	7.25	94	383546	52.03	ng	77
11) bis(2-Chloroethyl)ether	7.49	93	258333	44.52	ng	92
12) 1,3-Dichlorobenzene	7.96	146	248833	41.99	ng	# 90
13) 1,4-Dichlorobenzene	8.11	146	252967	42.98	ng	96
14) 1,2-Dichlorobenzene	8.43	146	242763	43.42	ng	94
15) Benzyl Alcohol	8.31	79	365374	46.87	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	8.61	45	349991	43.84	ng	87
17) 2-Methylphenol	8.51	107	249017	51.34	ng	# 80
18) Hexachloroethane	9.17	117	106899	42.70	ng	99
19) n-Nitroso-di-n-propylamine	8.88	70	274895	41.89	ng	92
20) 3+4-Methylphenols	8.83	107	336061	46.78	ng	83
22) Acetophenone	8.90	105	434351	39.95	ng	# 95
24) Nitrobenzene	9.28	77	402591	44.21	ng	# 87
25) Isophorone	9.81	82	745603	43.94	ng	98
26) 2-Nitrophenol	10.00	139	133701	53.04	ng	# 65
27) 2,4-Dimethylphenol	10.05	122	271540	55.57	ng	92
28) bis(2-Chloroethoxy)methane	10.29	93	386214	46.33	ng	98
29) 2,4-Dichlorophenol	10.52	162	302645	51.81	ng	94
30) 1,2,4-Trichlorobenzene	10.75	180	296006	42.08	ng	95
31) Naphthalene	10.94	128	727748	43.38	ng	99
32) Benzoic acid	10.19	122	182721	42.89	ng	93
33) 4-Chloroaniline	11.04	127	157105	20.77	ng	# 83
34) Hexachlorobutadiene	11.23	225	245895	41.30	ng	97
35) Caprolactam	11.82	113	52388	25.25	ng	95
36) 4-Chloro-3-methylphenol	12.16	107	368744	48.69	ng	94
37) 2-Methylnaphthalene	12.55	142	596467	43.85	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	425093	43.65	ng	# 98
40) Hexachlorocyclopentadiene	12.89	237	611393	105.96	ng	94

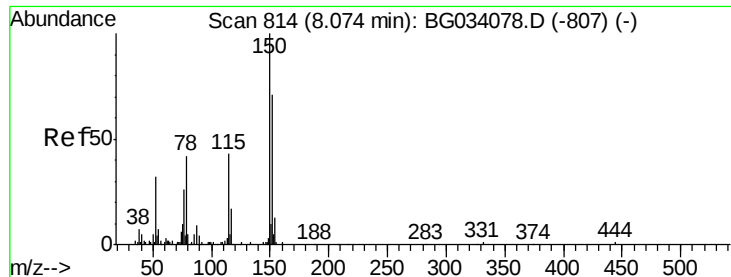
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	289268	51.13	nq	93
43) 2,4,5-Trichlorophenol	13.22	196	307654	49.19	nq	94
45) 1,1'-Biphenyl	13.55	154	835932	42.52	nq	99
46) 2-Chloronaphthalene	13.59	162	658736	44.26	nq	97
47) 2-Nitroaniline	13.79	65	294026	49.41	nq	87
48) Acenaphthylene	14.44	152	1019093	42.89	nq	97
49) Dimethylphthalate	14.17	163	922993	42.30	nq	# 96
50) 2,6-Dinitrotoluene	14.29	165	205685	49.08	nq	# 78
51) Acenaphthene	14.78	154	678609	42.02	nq	94
52) 3-Nitroaniline	14.61	138	128399	30.40	nq	# 84
53) 2,4-Dinitrophenol	14.82	184	229139	139.76	nq	# 72
54) Dibenzofuran	15.12	168	1048194	44.77	nq	92
55) 4-Nitrophenol	14.91	139	317033	98.33	nq	# 43
56) 2,4-Dinitrotoluene	15.07	165	301315	52.95	nq	88
57) Fluorene	15.77	166	862992	42.29	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.34	232	329770	50.97	nq	96
59) Diethylphthalate	15.54	149	973382	42.15	nq	97
60) 4-Chlorophenyl-phenylether	15.76	204	543457	44.77	nq	98
61) 4-Nitroaniline	15.78	138	196861	43.93	nq	# 48
62) Azobenzene	16.06	77	1068752	42.85	nq	95
64) 4,6-Dinitro-2-methylphenol	15.84	198	155812	49.35	nq	98
65) n-Nitrosodiphenylamine	15.98	169	788120	43.04	nq	98
66) 4-Bromophenyl-phenylether	16.66	248	366218	43.93	nq	95
67) Hexachlorobenzene	16.77	284	356947	42.18	nq	# 93
68) Atrazine	16.93	200	378891	Below	Cal	94
69) Pentachlorophenol	17.11	266	498482	84.51	nq	97
70) Phenanthrene	17.52	178	1466139	42.49	nq	97
71) Anthracene	17.60	178	1505073	43.04	nq	99
72) Carbazole	17.87	167	1312227	40.99	nq	96
73) Di-n-butylphthalate	18.44	149	1531085	39.74	nq	# 96
74) Fluoranthene	19.52	202	1823692	41.83	nq	93
76) Benzidine	19.70	184	1025484	59.54	nq	98
77) Pyrene	19.52	202	1823692	43.54	nq	96
79) Butylbenzylphthalate	20.78	149	713337	43.62	nq	93
80) Benzo(a)anthracene	21.74	228	1866611	43.56	nq	99
81) 3,3'-Dichlorobenzidine	21.66	252	480247	29.64	nq	# 98
82) Chrysene	21.81	228	1736682	42.35	nq	97
83) Bis(2-ethylhexyl)phthalate	21.67	149	930465	41.34	nq	# 98
84) Di-n-octyl phthalate	22.92	149	1619923	45.07	nq	98
85) Indeno(1,2,3-cd)pyrene	28.81	276	2098677	46.50	nq	# 85
87) Benzo(b)fluoranthene	24.01	252	1900945	43.99	nq	# 95
88) Benzo(k)fluoranthene	24.08	252	1813629	43.91	nq	# 95
89) Benzo(a)pyrene	24.90	252	1824981	45.14	nq	# 96
90) Dibenzo(a,h)anthracene	28.89	278	1718117	45.08	nq	# 93
91) Benzo(g,h,i)perylene	29.98	276	1711809	45.57	nq	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 814

Delta R.T. 0.00 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

BNA_G

ClientSampleId :

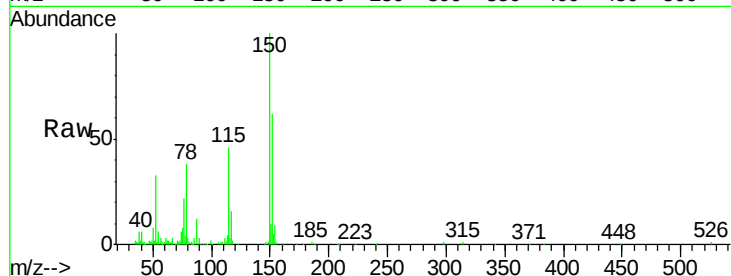
Tot Ion:152 Resp: 75843

Ion Ratio Lower Upper

152 100

150 160.4 126.6 189.8

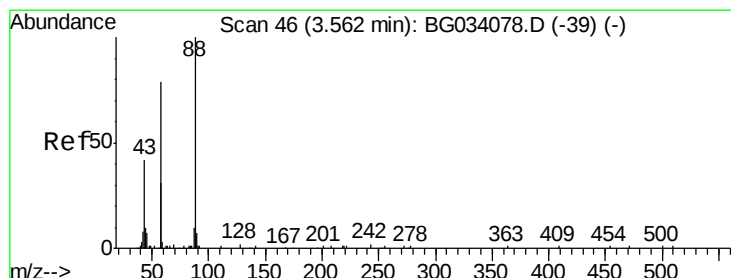
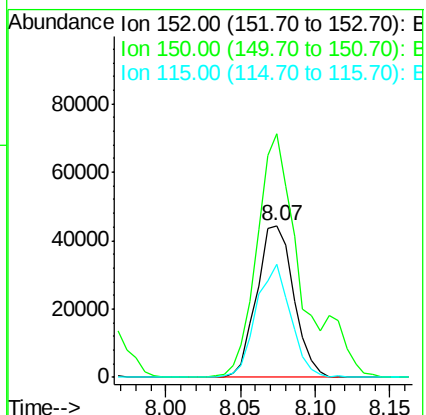
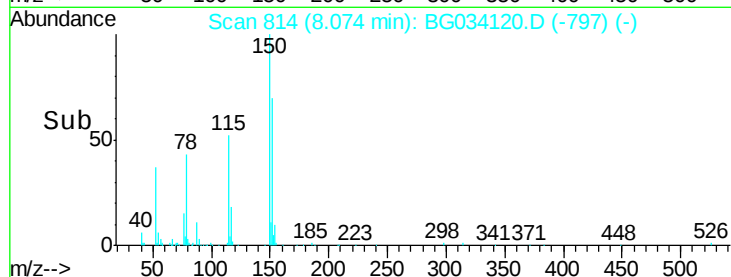
115 74.3 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.55 ng

RT: 3.55 min Scan# 44

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

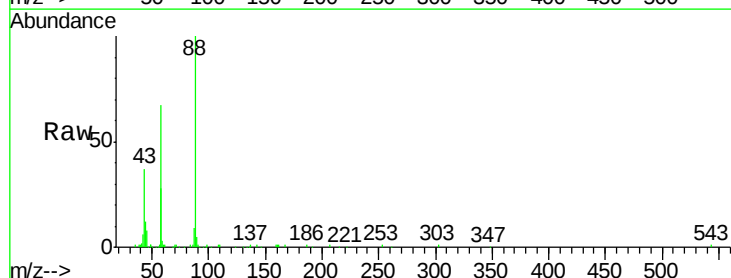
Tgt Ion: 88 Resp: 72058

Ion Ratio Lower Upper

88 100

58 76.5 79.6 119.4#

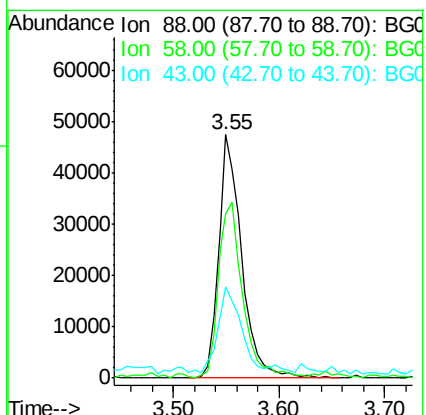
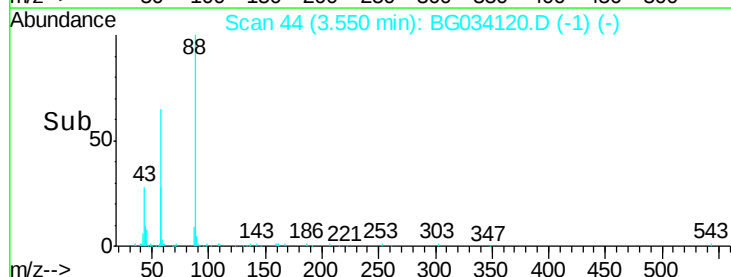
43 35.1 27.4 41.0

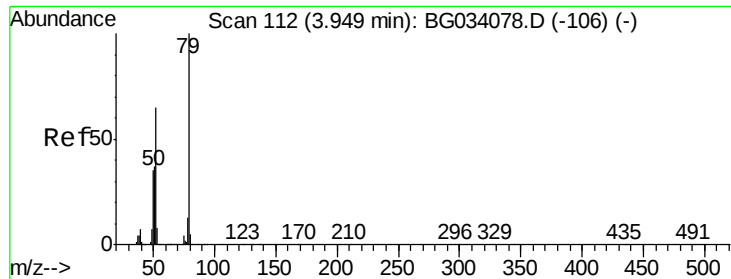


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.97 ng

RT: 3.94 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

BNA_G

ClientSampleId :

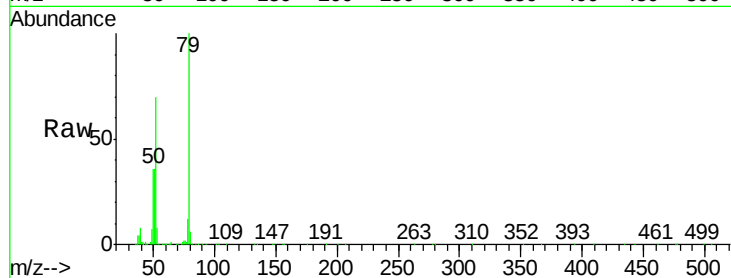
Tot Ion: 79 Resp: 234824

Ion Ratio Lower Upper

79 100

52 69.9 69.9 104.9#

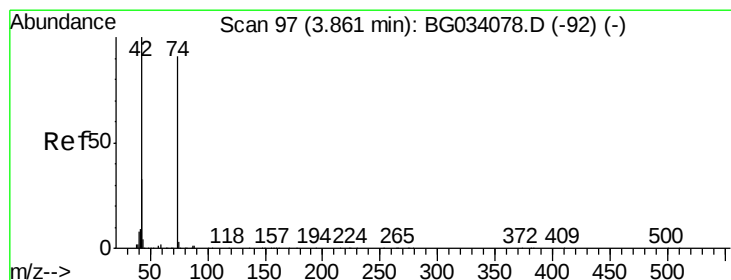
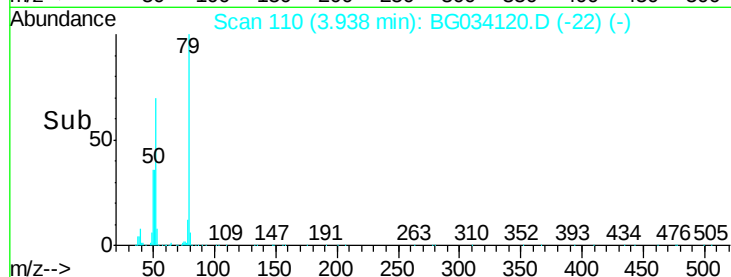
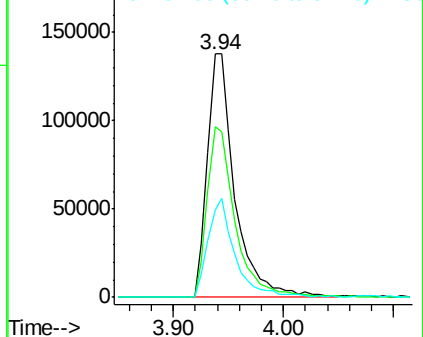
51 36.0 34.0 51.0



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: 46.70 ng

RT: 3.86 min Scan# 96

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

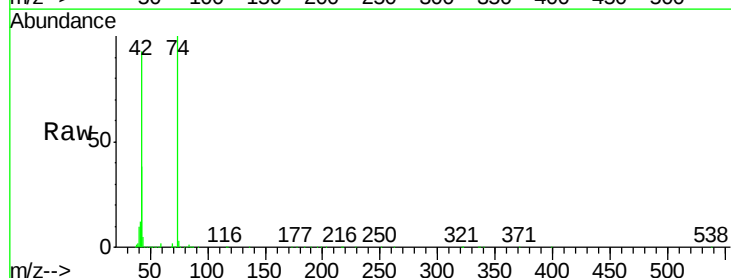
Tgt Ion: 42 Resp: 157506

Ion Ratio Lower Upper

42 100

74 107.1 102.5 153.7

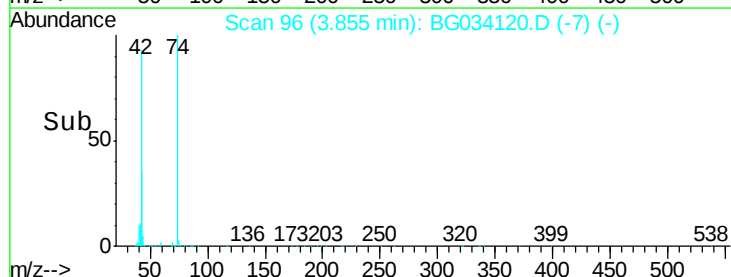
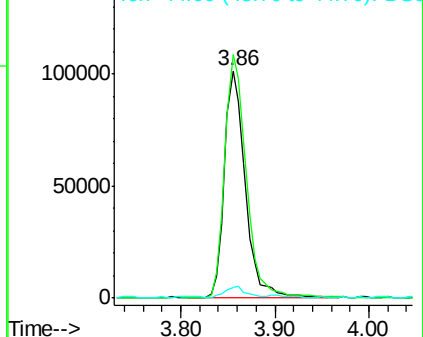
44 4.9 18.9 28.3#

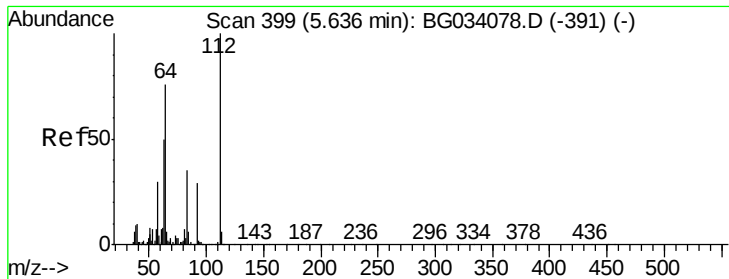


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 158.07 ng

RT: 5.64 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

BNA_G

ClientSampleId :

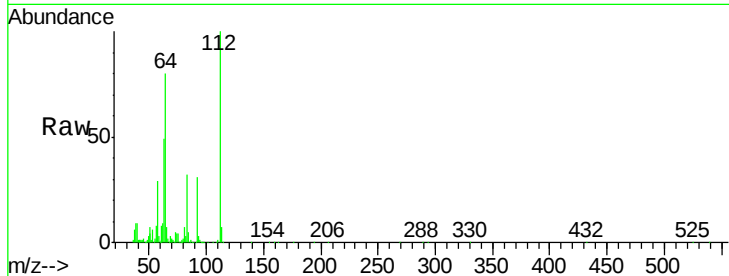
Tot Ion:112 Resp: 742046

Ion Ratio Lower Upper

112 100

64 79.8 56.3 84.5

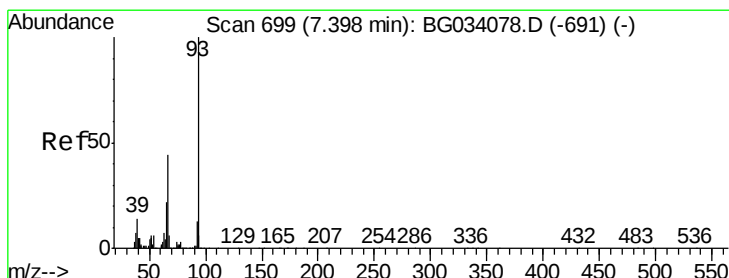
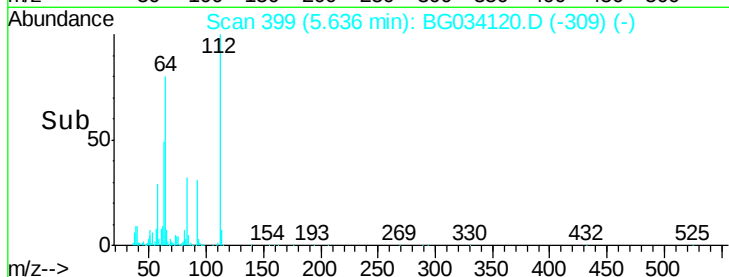
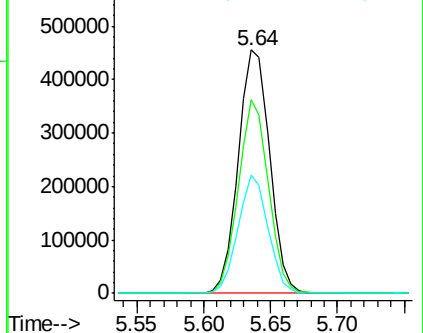
63 48.6 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.40 ng

RT: 7.39 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

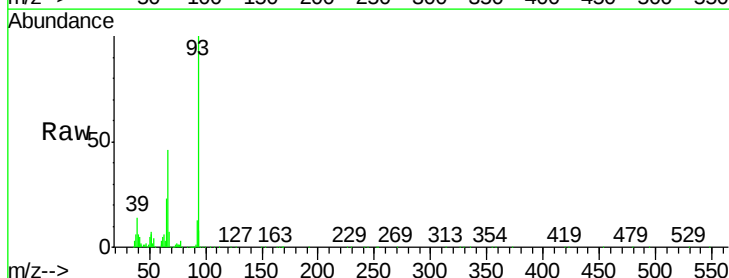
Tgt Ion: 93 Resp: 381723

Ion Ratio Lower Upper

93 100

66 46.0 33.7 50.5

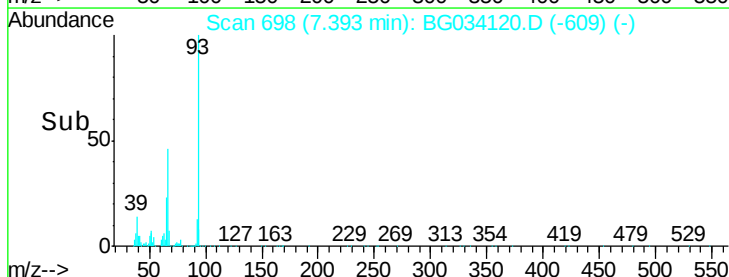
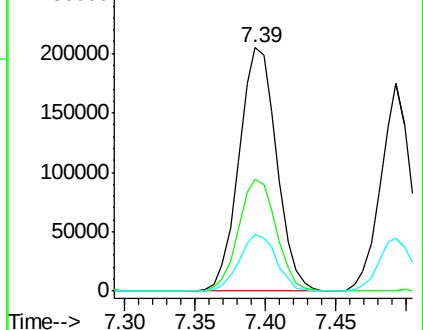
65 23.4 16.1 24.1

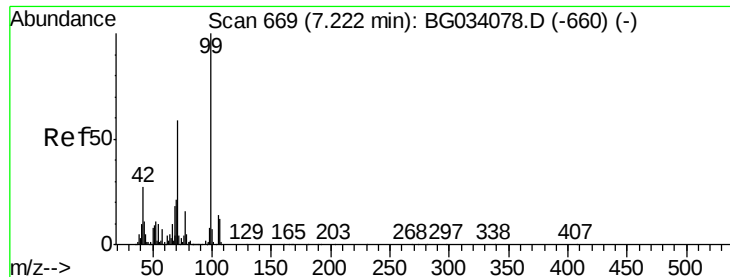


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 152.76 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

BNA_G

ClientSampleId :

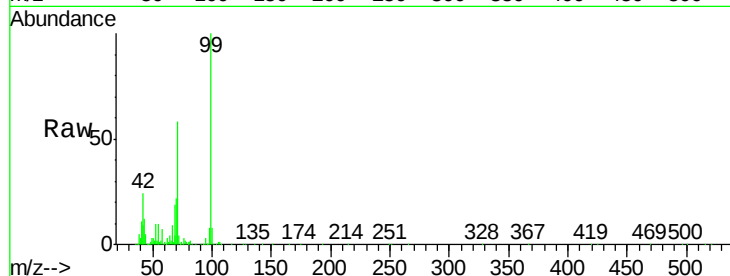
Tot Ion: 99 Resp: 1116372

Ion Ratio Lower Upper

99 100

42 24.3 14.1 21.1#

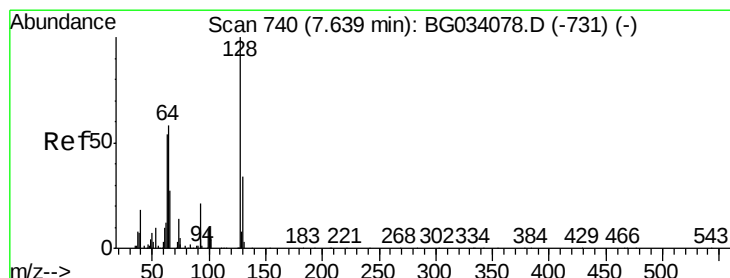
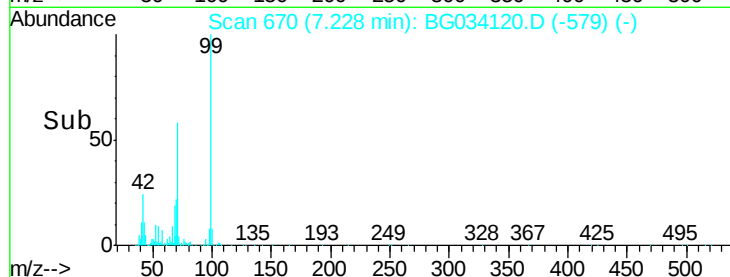
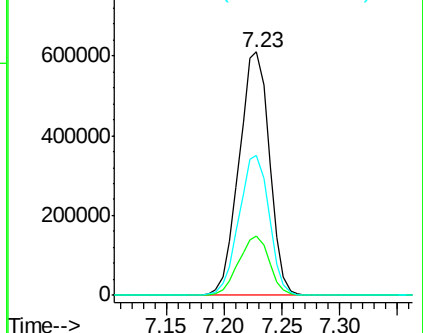
71 57.6 26.1 39.1#



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: 50.86 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

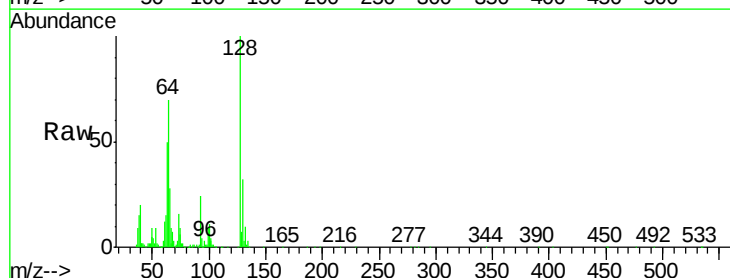
Tgt Ion: 128 Resp: 238245

Ion Ratio Lower Upper

128 100

130 32.0 14.0 54.0

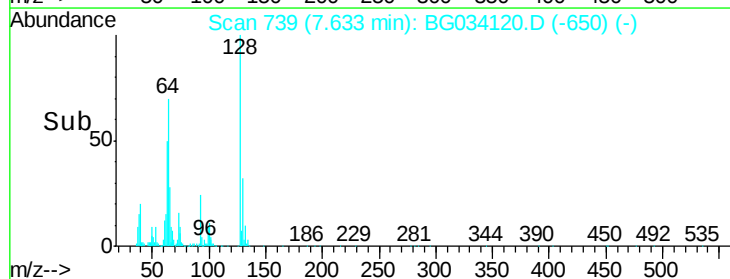
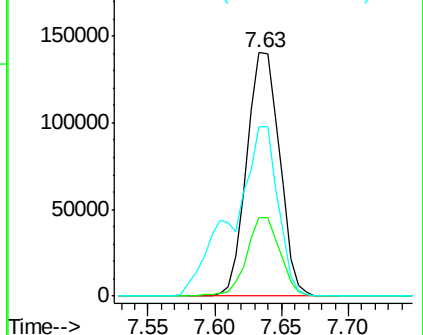
64 69.5 37.7 77.7

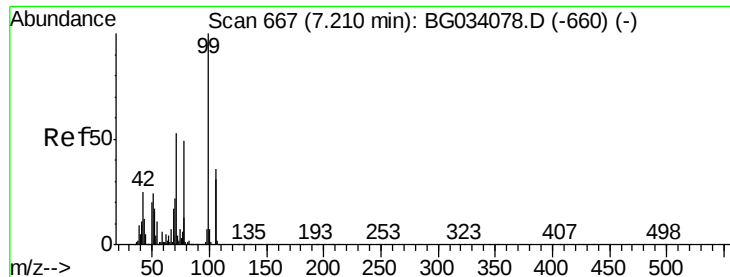


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 28.96 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

BNA_G

ClientSampled :

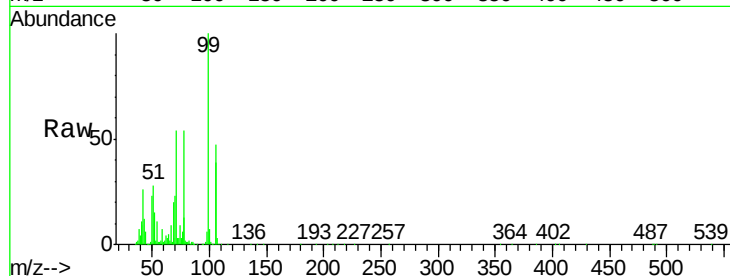
Tot Ion: 77 Resp: 127753

Ion Ratio Lower Upper

77 100

105 87.0 71.3 111.3

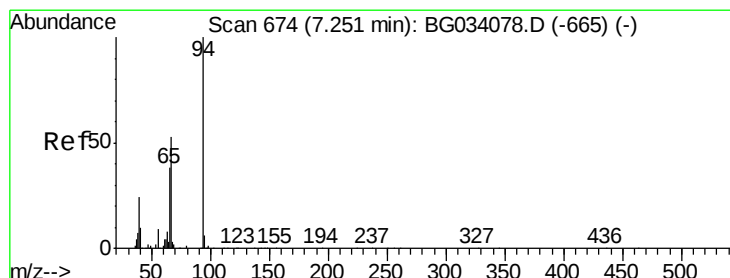
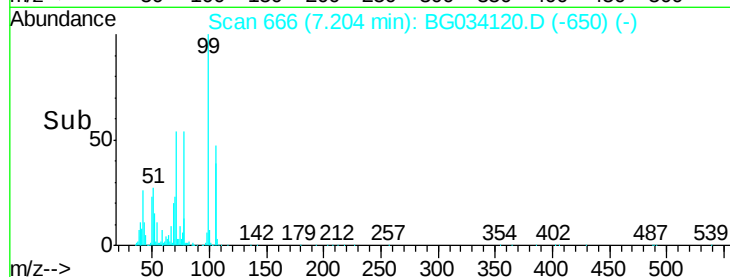
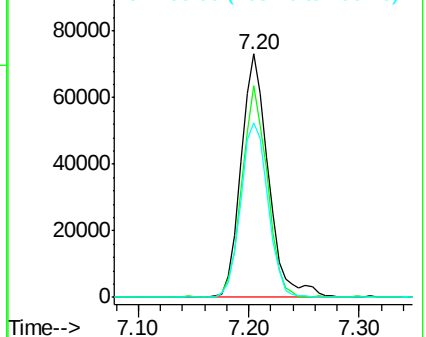
106 71.5 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 52.03 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

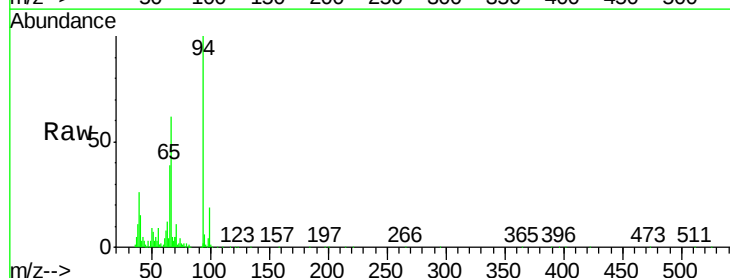
Tgt Ion: 94 Resp: 383546

Ion Ratio Lower Upper

94 100

65 38.8 11.9 51.9

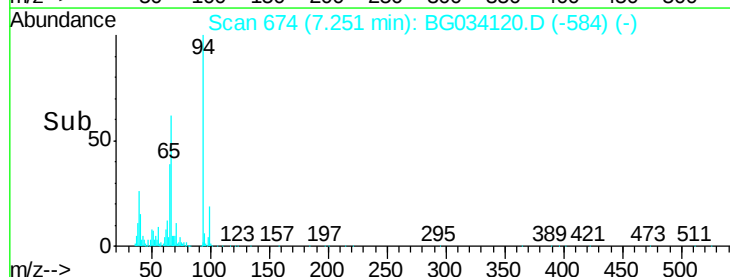
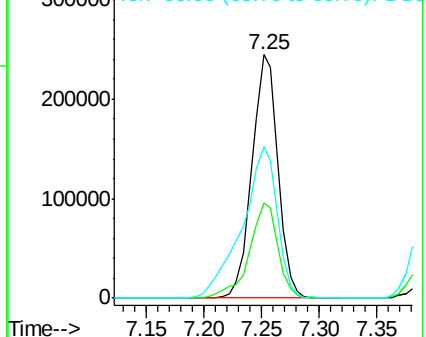
66 62.0 22.2 62.2

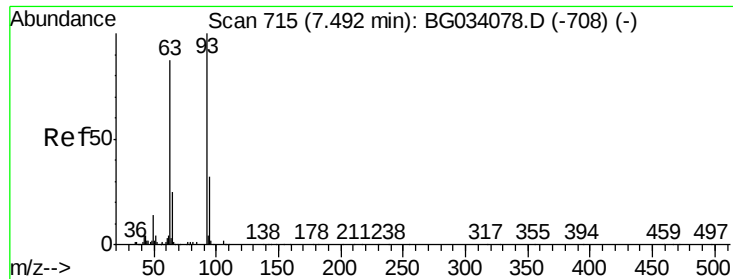


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

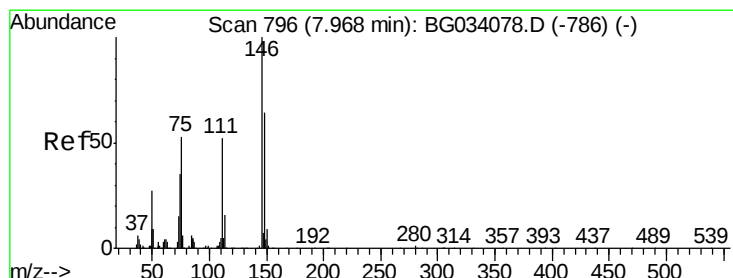
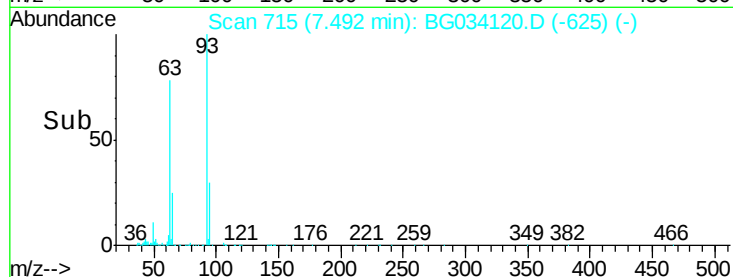
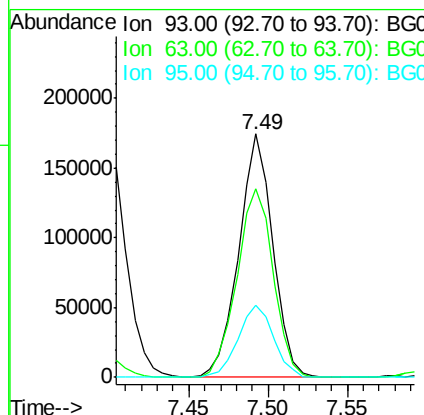
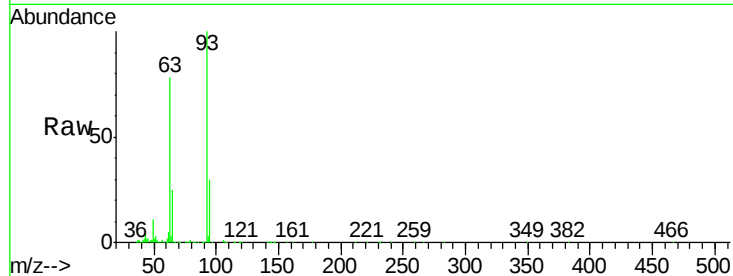




#11
bis(2-Chloroethyl)ether
Concen: 44.52 ng
RT: 7.49 min Scan# 715
Delta R.T. 0.00 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

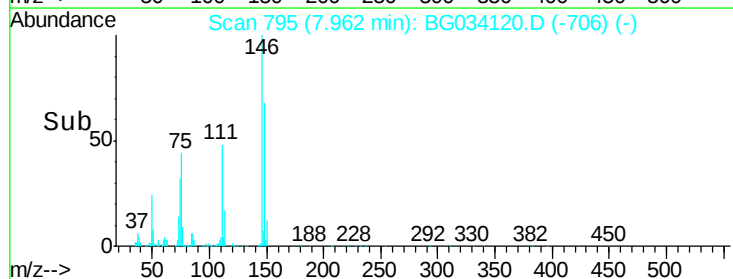
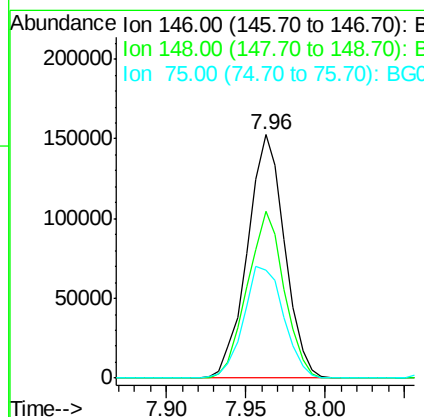
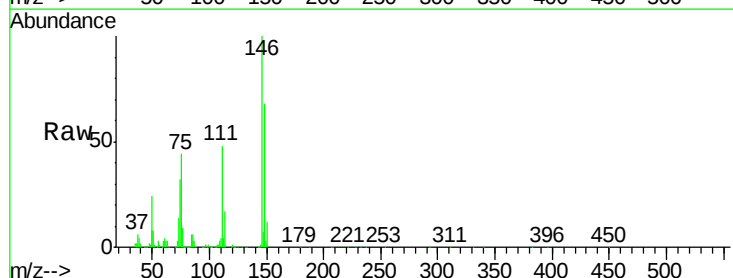
Instrument :
BNA_G
ClientSampleId :

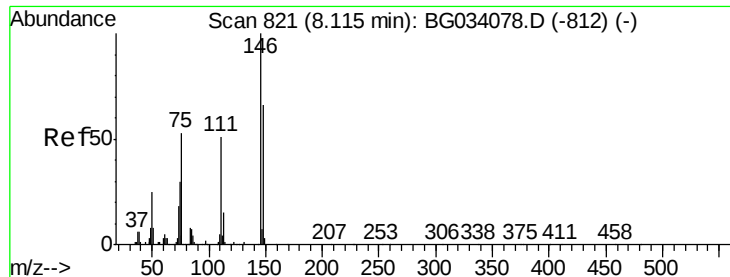
Tot Ion	93	Resp	258333
Ion Ratio	Lower	Upper	
93	100		
63	77.6	67.1	107.1
95	29.5	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 41.99 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion	146	Resp	248833
Ion Ratio	Lower	Upper	
146	100		
148	68.3	51.4	77.2
75	44.4	26.6	39.8

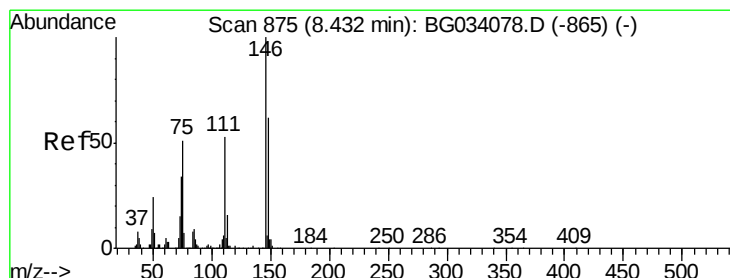
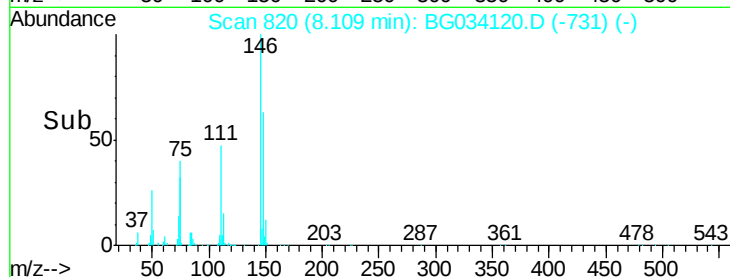
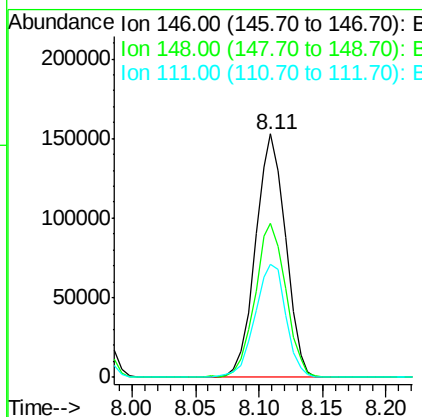
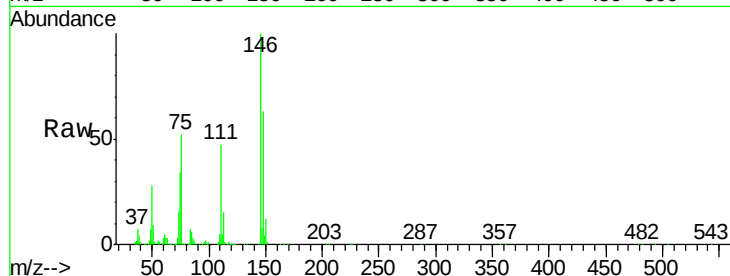




#13
 1,4-Dichlorobenzene
 Concen: 42.98 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

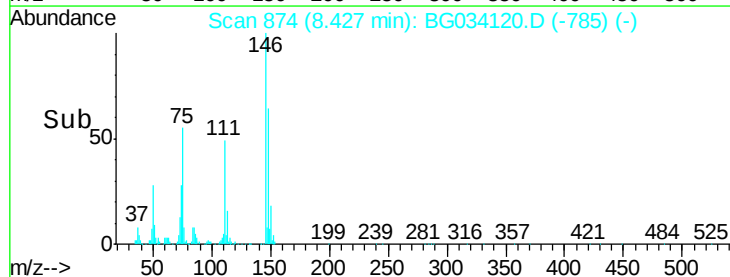
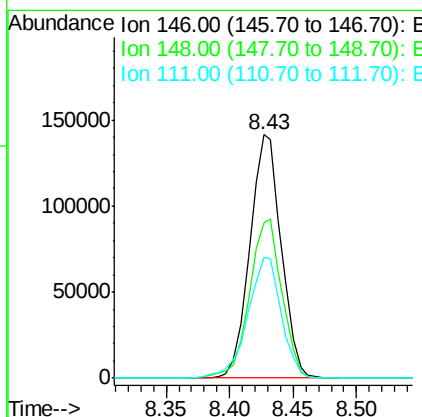
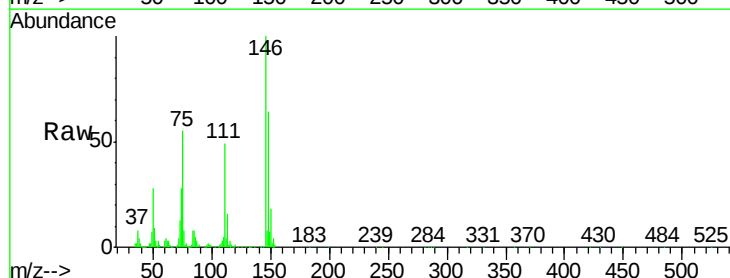
Instrument :
 BNA_G
 ClientSampleId :

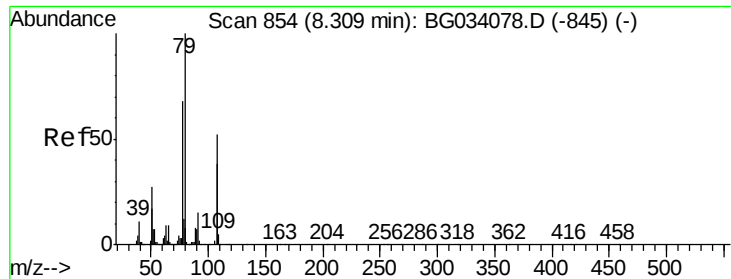
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	53.7	80.5
111	46.6	35.2	52.8



#14
 1,2-Dichlorobenzene
 Concen: 43.42 ng
 RT: 8.43 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	49.3	73.9
111	49.5	34.3	51.5





#15

Benzyl Alcohol

Concen: 46.87 ng

RT: 8.31 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

BNA_G

ClientSampleId :

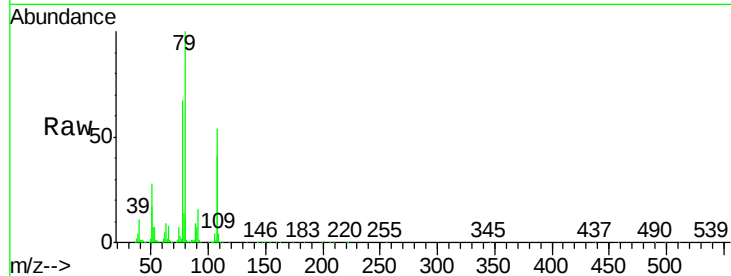
Tot Ion: 79 Resp: 365374

Ion Ratio Lower Upper

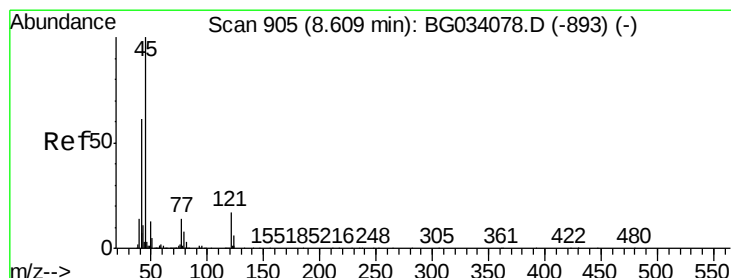
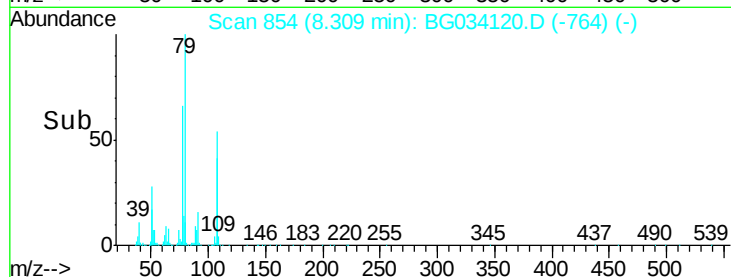
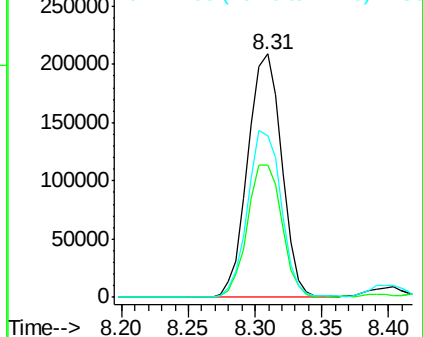
79 100

108 54.2 57.2 85.8#

77 66.5 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



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.84 ng

RT: 8.61 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

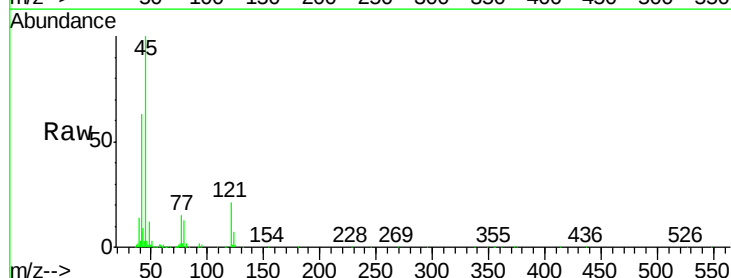
Tgt Ion: 45 Resp: 349991

Ion Ratio Lower Upper

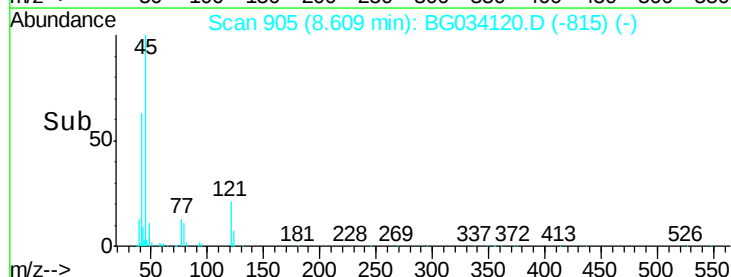
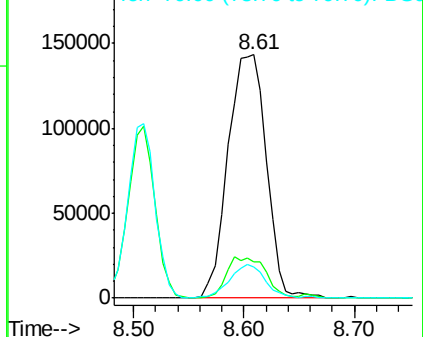
45 100

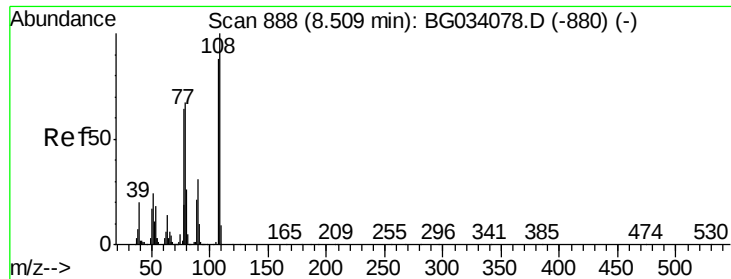
77 14.9 0.0 30.2

79 12.6 0.0 27.9



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





#17

2-Methylphenol

Concen: 51.34 ng

RT: 8.51 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 249017

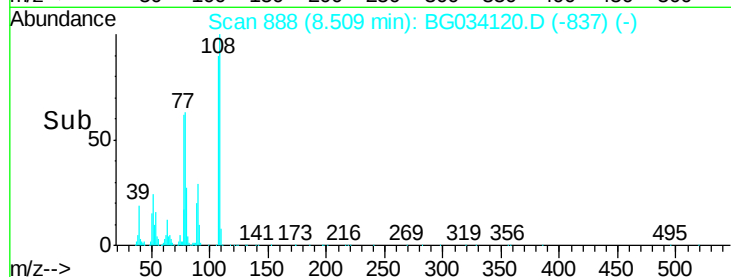
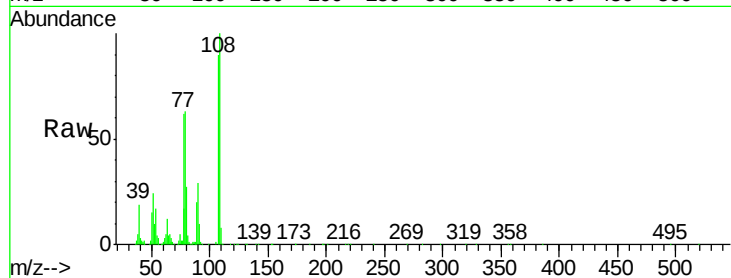
Ion Ratio Lower Upper

107 100

108 111.3 83.9 125.9

77 68.6 37.2 55.8#

79 69.7 36.2 54.2#

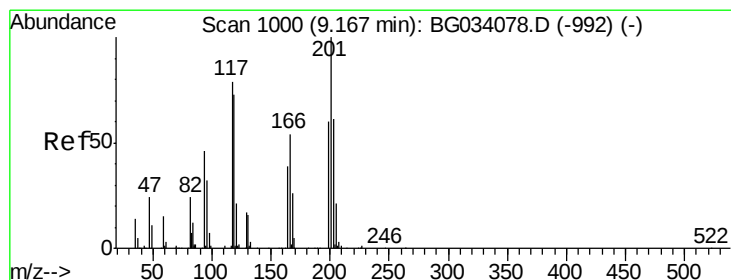
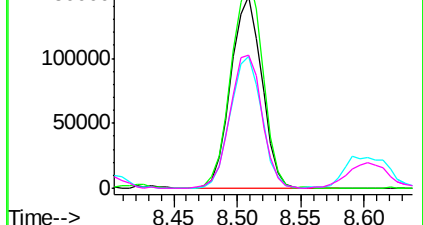


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 42.70 ng

RT: 9.17 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

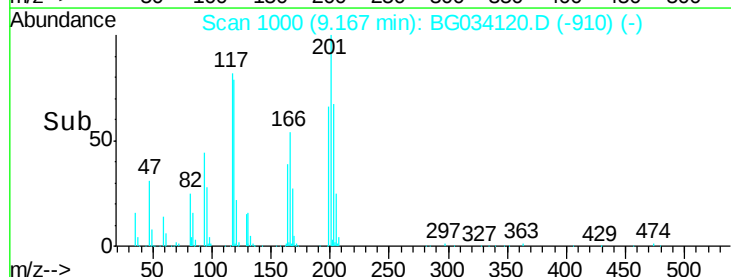
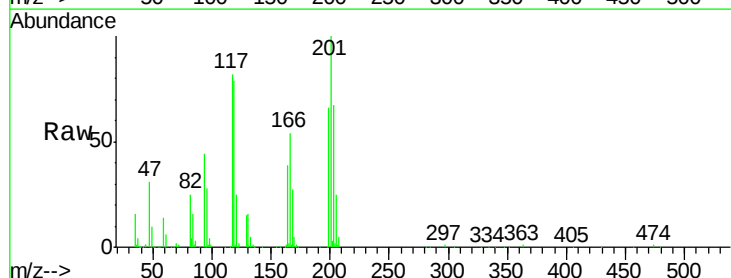
Tgt Ion:117 Resp: 106899

Ion Ratio Lower Upper

117 100

119 96.2 76.7 115.1

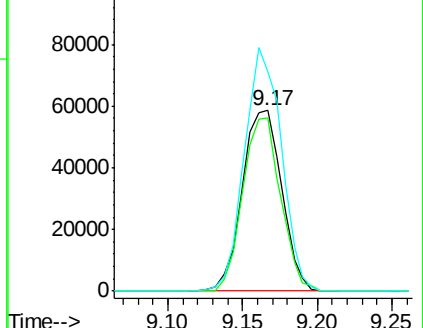
201 122.0 95.7 143.5

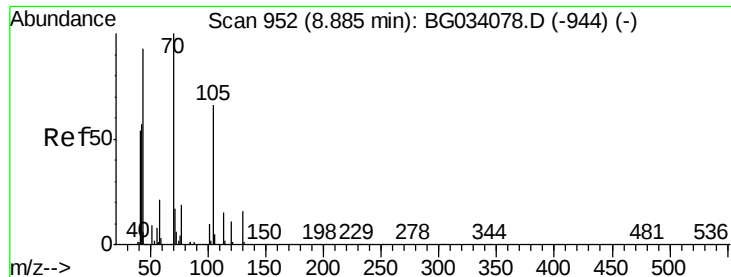


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

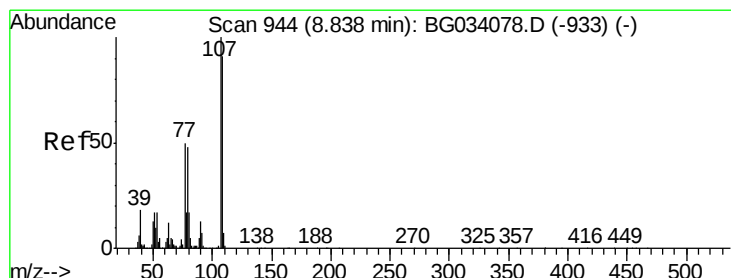
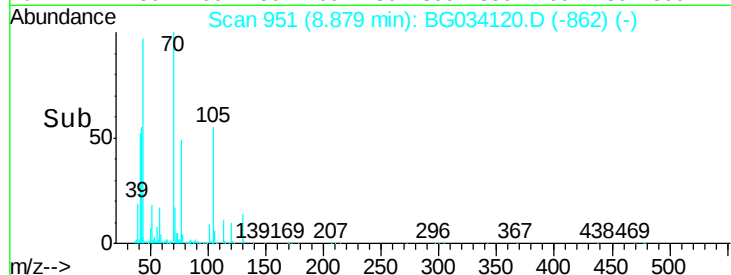
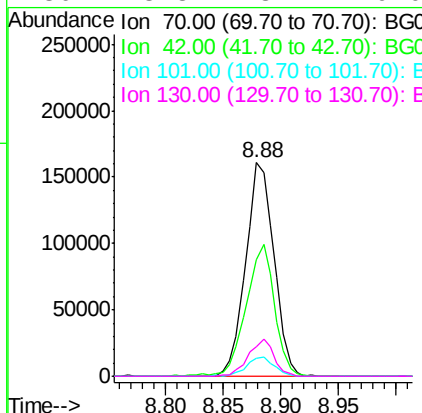
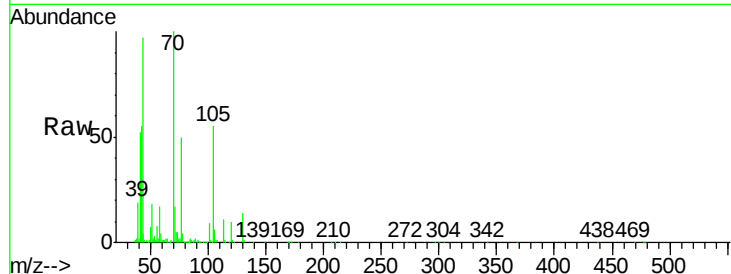




#19
n-Nitroso-di-n-propylamine
Concen: 41.89 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

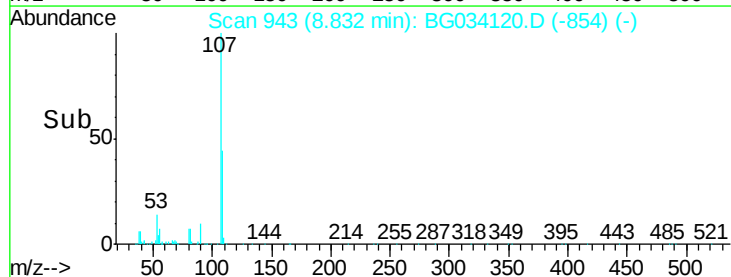
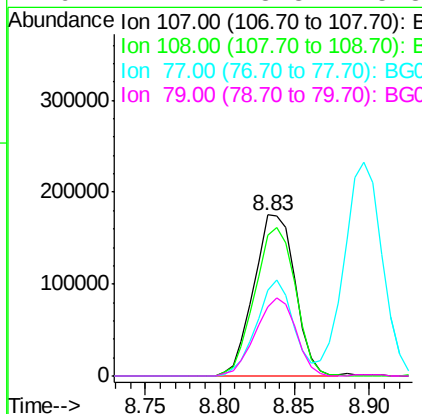
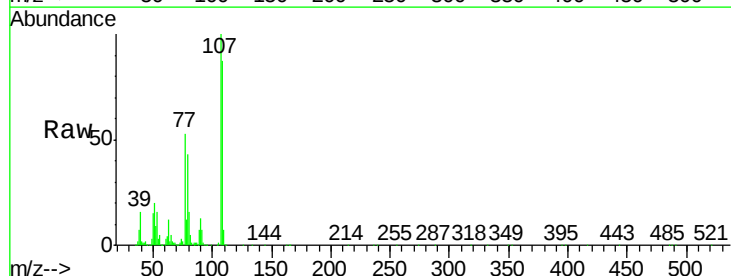
Instrument :
BNA_G
ClientSampleId :

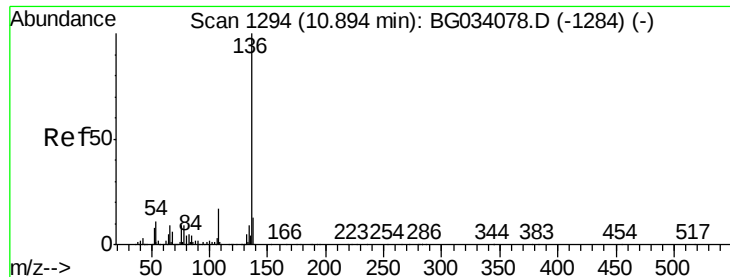
Tot Ion:	70	Resp:	274895
Ion	Ratio	Lower	Upper
70	100		
42	54.7	49.1	73.7
101	8.6	8.5	12.7
130	13.8	13.4	20.0



#20
3+4-Methylphenols
Concen: 46.78 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion:	107	Resp:	336061
Ion	Ratio	Lower	Upper
107	100		
108	87.1	61.6	101.6
77	53.5	13.9	53.9
79	42.7	8.8	48.8

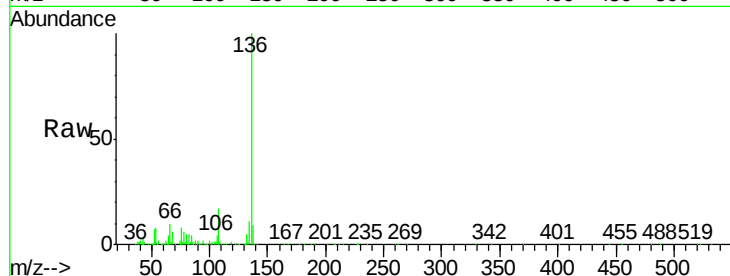




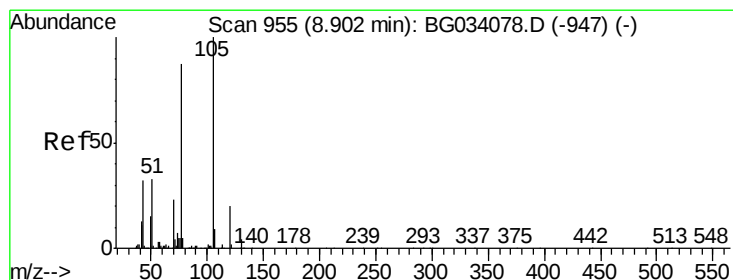
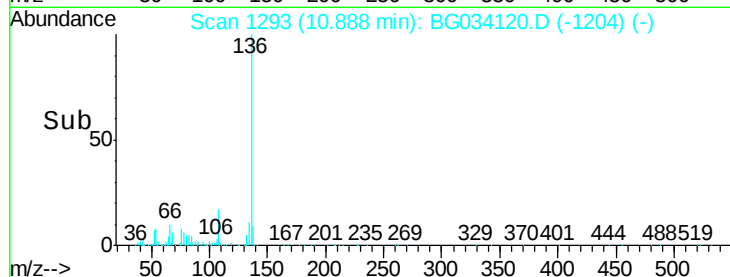
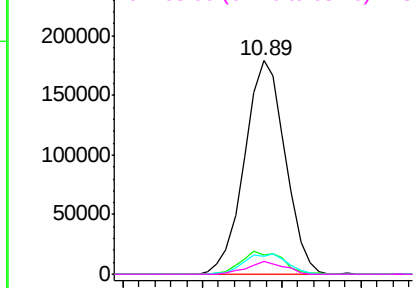
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	319171
Ion Ratio	Lower	Upper
136 100		
137 9.3	9.2	13.8
54 8.2	10.3	15.5#
68 5.9	4.5	6.7

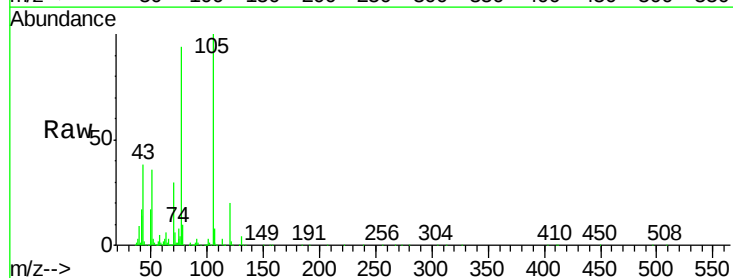


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

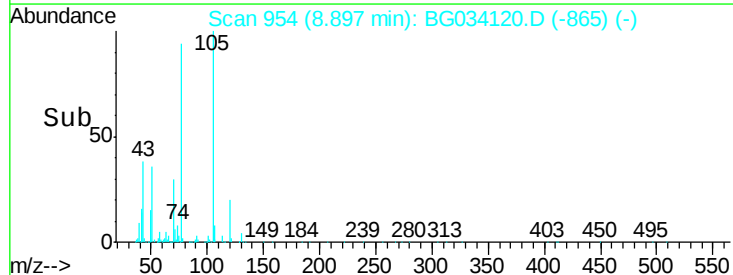
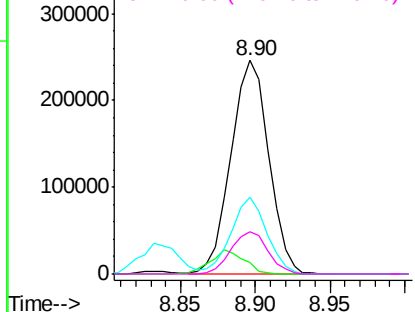


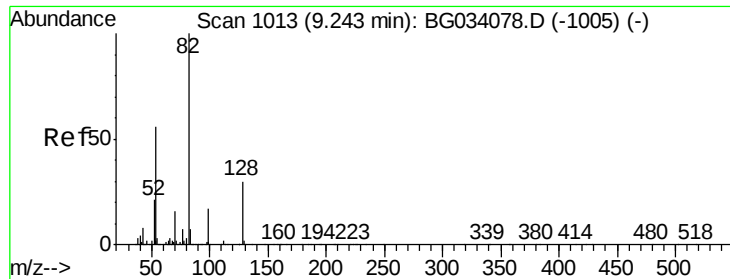
#22
Acetophenone
Concen: 39.95 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt	Ion:105	Resp:	434351
Ion	Ratio	Lower	Upper
105	100		
71	5.5	3.0	4.4#
51	35.9	26.1	39.1
120	19.7	17.4	26.2



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

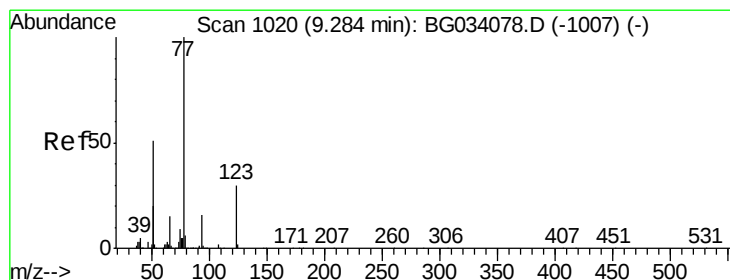
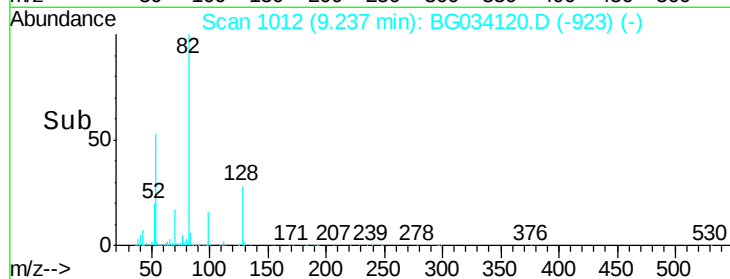
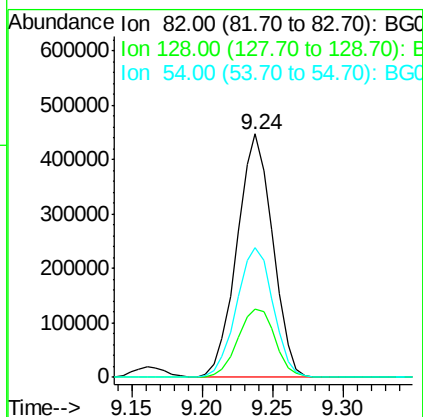
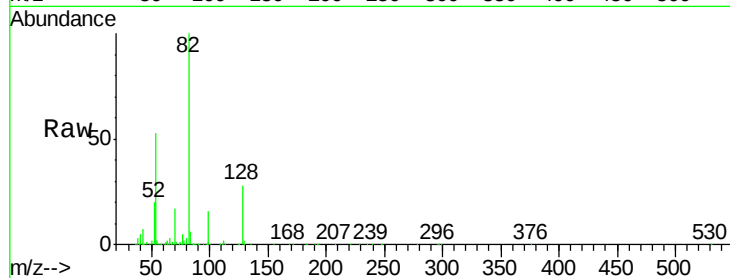




#23
 Nitrobenzene-d5
 Concen: 95.20 ng
 RT: 9.24 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

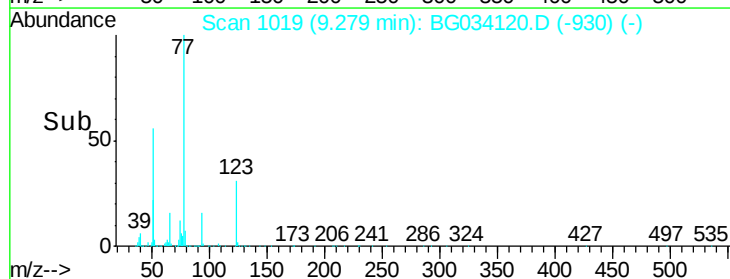
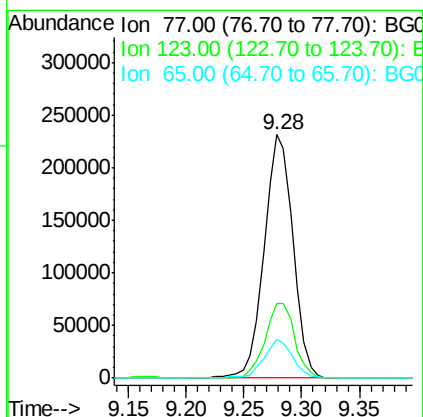
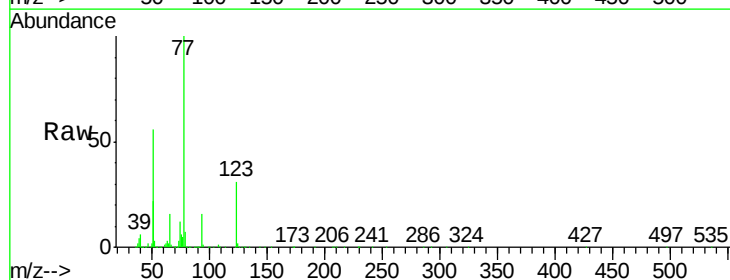
Instrument :
 BNA_G
 ClientSampleId :

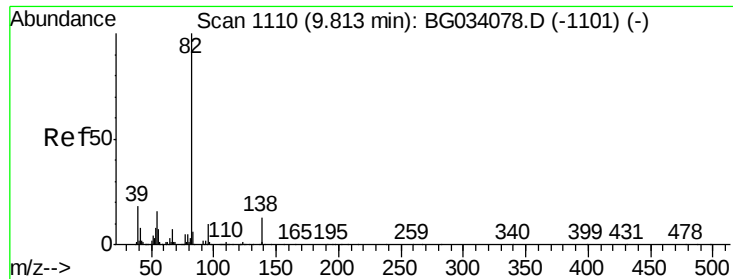
Tot Ion	Ratio	Lower	Upper
82	100		
128	27.9	29.7	44.5#
54	53.3	43.1	64.7



#24
 Nitrobenzene
 Concen: 44.21 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	30.5	33.0	49.6#
65	15.8	13.0	19.6





#25

Isophorone

Concen: 43.94 ng

RT: 9.81 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

BNA_G

ClientSampleId :

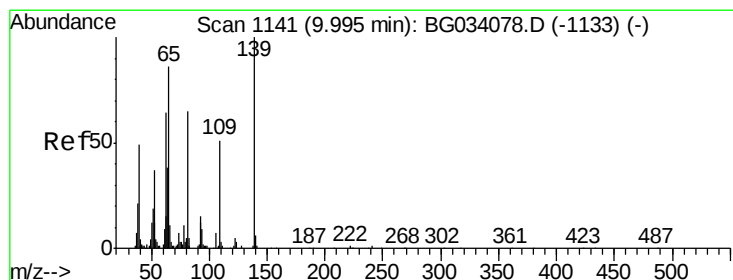
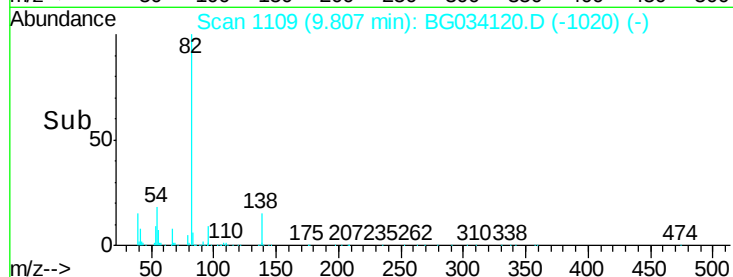
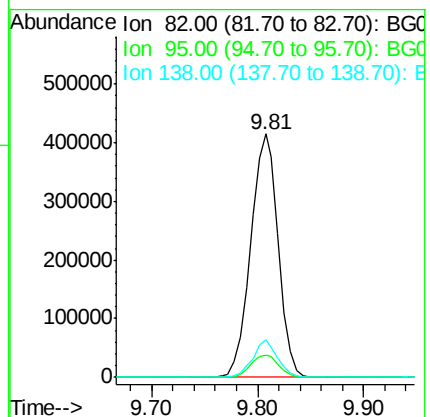
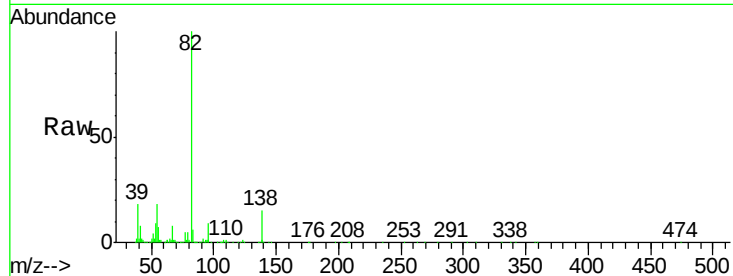
Tot Ion: 82 Resp: 745603

Ion Ratio Lower Upper

82 100

95 9.0 6.2 9.2

138 15.3 12.1 18.1



#26

2-Nitrophenol

Concen: 53.04 ng

RT: 10.00 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

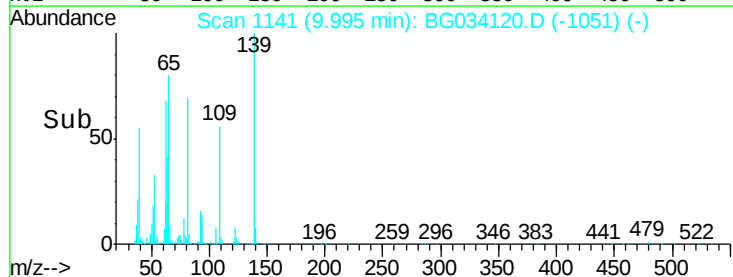
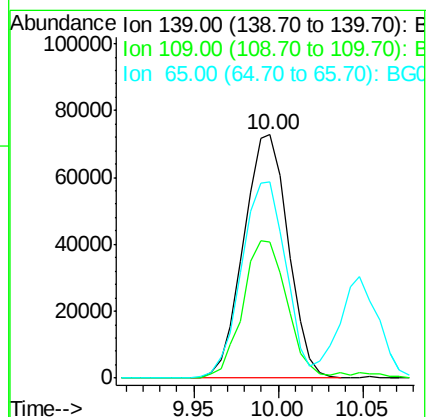
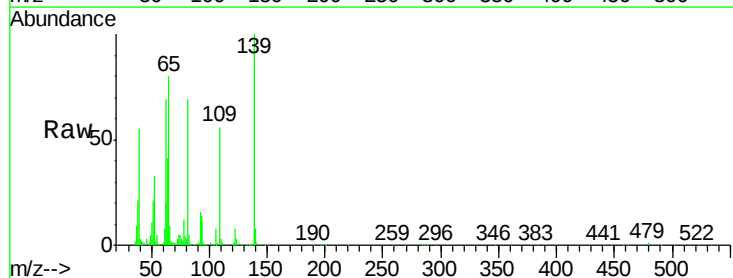
Tgt Ion: 139 Resp: 133701

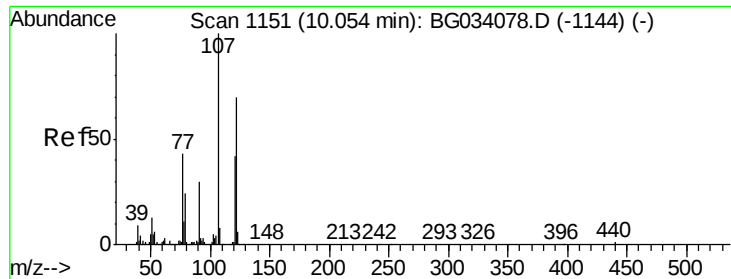
Ion Ratio Lower Upper

139 100

109 56.1 24.2 36.2#

65 80.5 47.4 71.0#

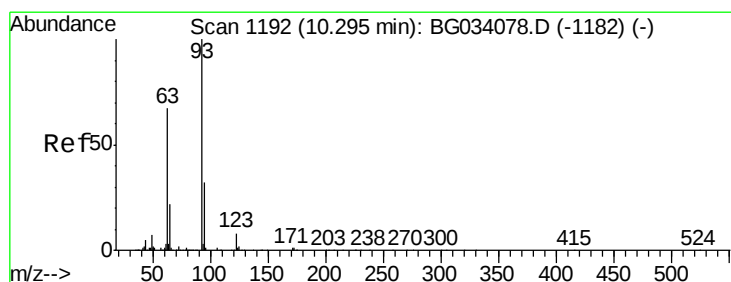
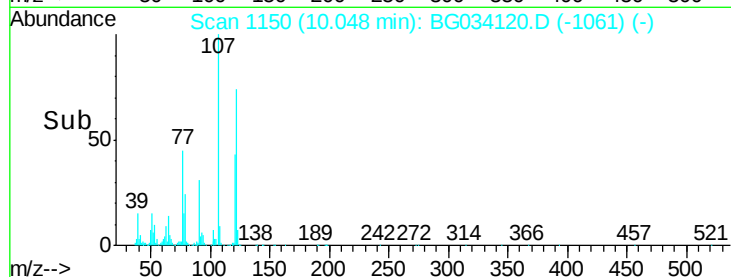
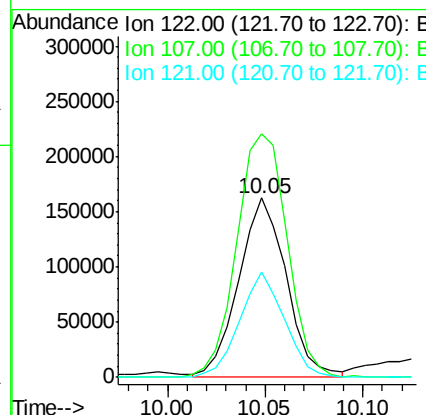
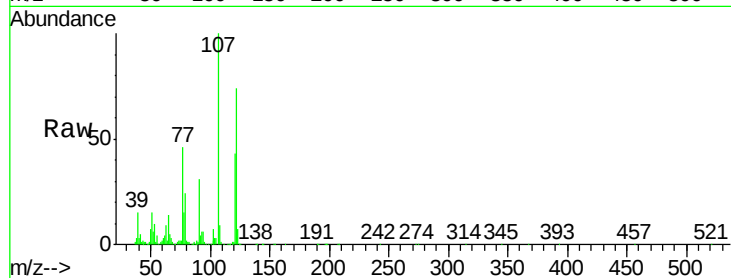




#27
 2,4-Dimethylphenol
 Concen: 55.57 ng
 RT: 10.05 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

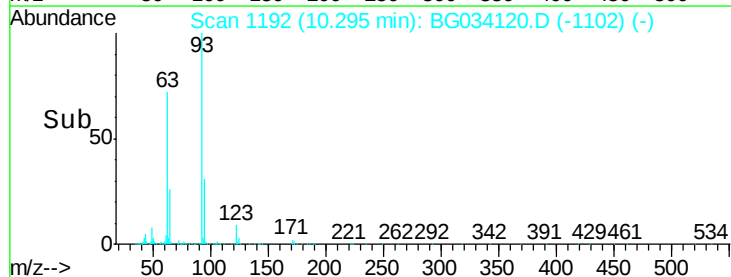
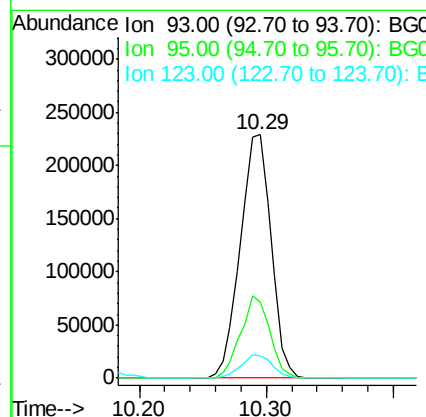
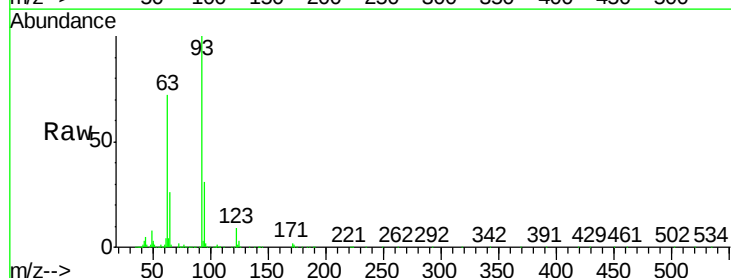
Instrument :
 BNA_G
 ClientSampled :

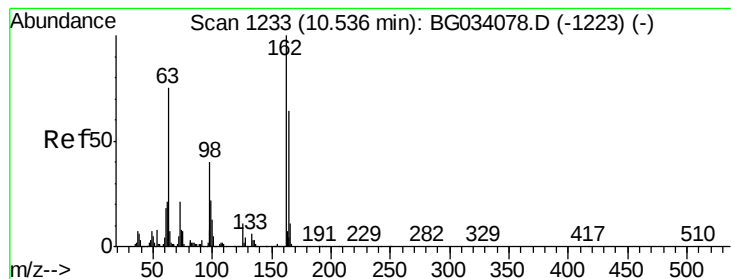
Tot Ion	Ratio	Lower	Upper
122	100		
107	135.9	100.2	150.2
121	58.8	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.33 ng
 RT: 10.29 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	24.3	36.5
123	9.3	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 51.81 ng

RT: 10.52 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

BNA_G

ClientSampleId :

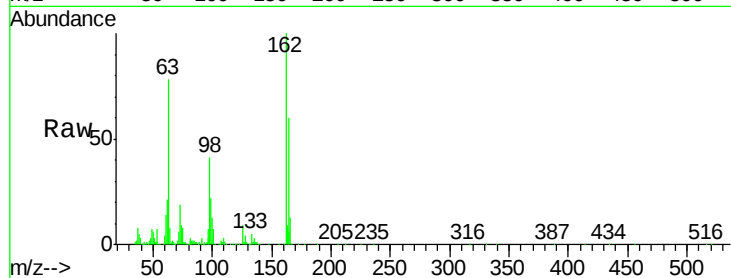
Tot Ion:162 Resp: 302645

Ion Ratio Lower Upper

162 100

164 60.4 48.0 88.0

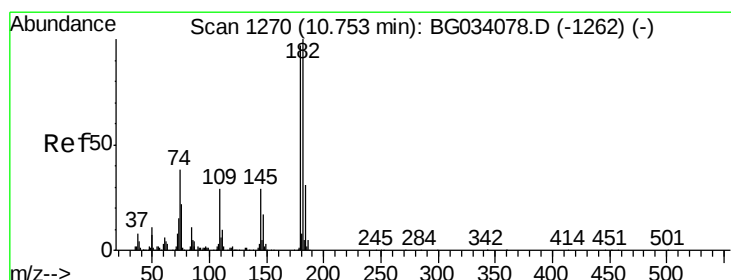
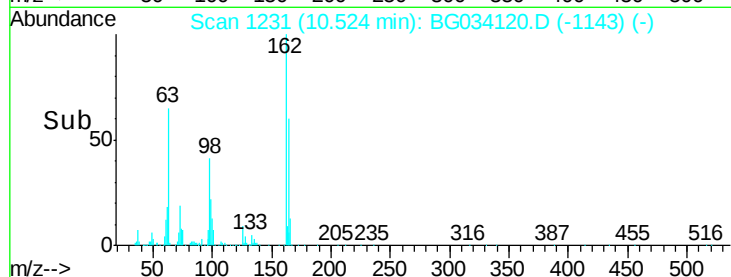
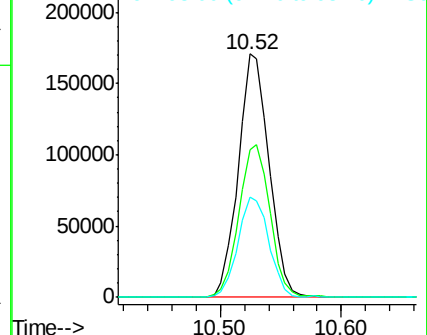
98 41.4 21.1 61.1



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: 42.08 ng

RT: 10.75 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

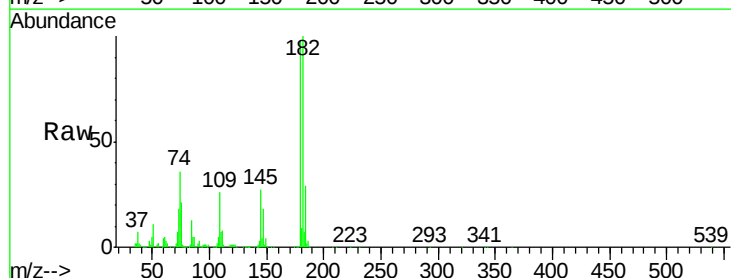
Tgt Ion:180 Resp: 296006

Ion Ratio Lower Upper

180 100

182 102.3 77.5 116.3

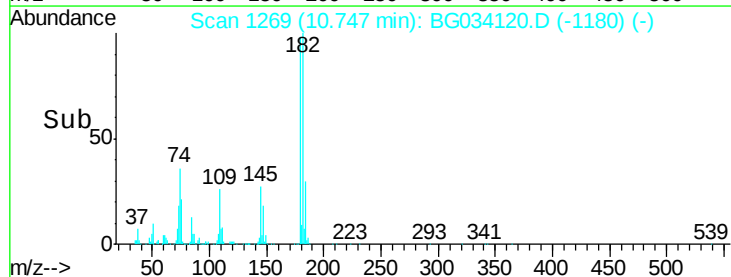
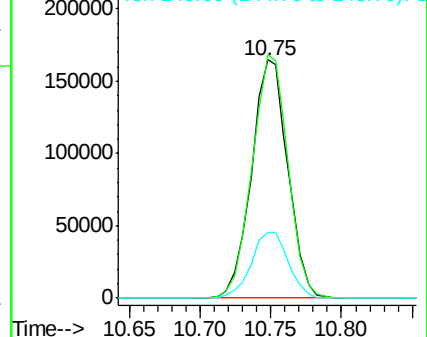
145 27.5 23.4 35.2

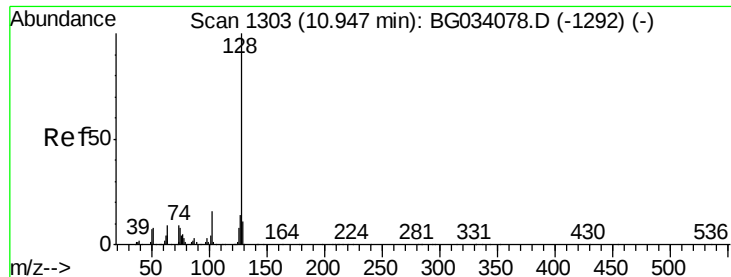


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

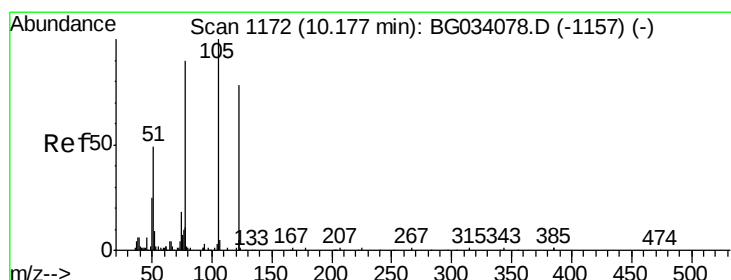
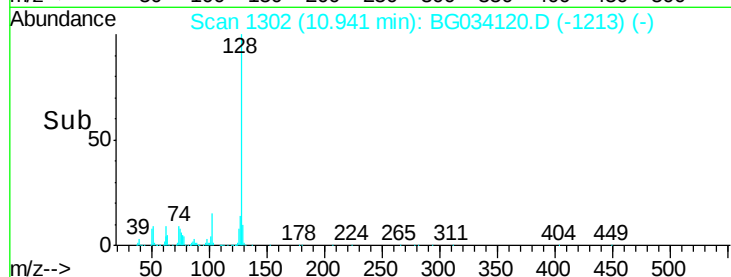
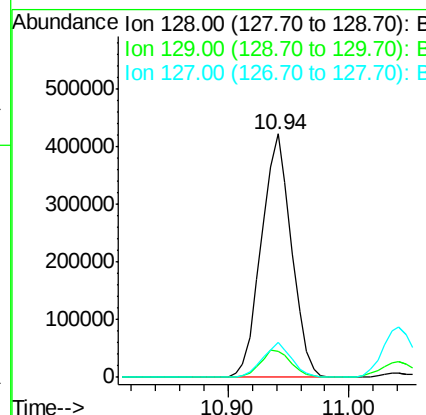
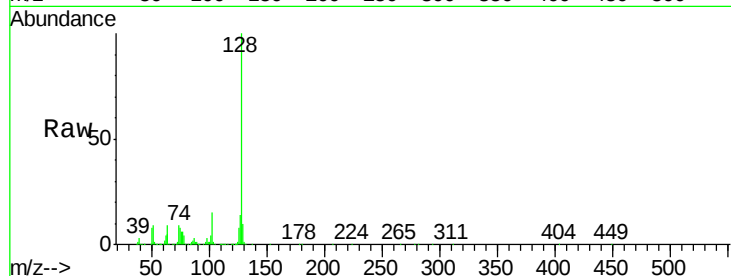




#31
Naphthalene
Concen: 43.38 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

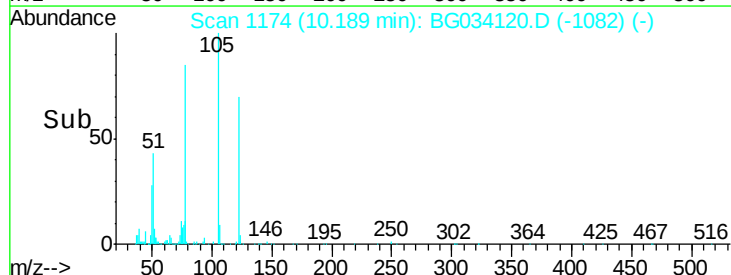
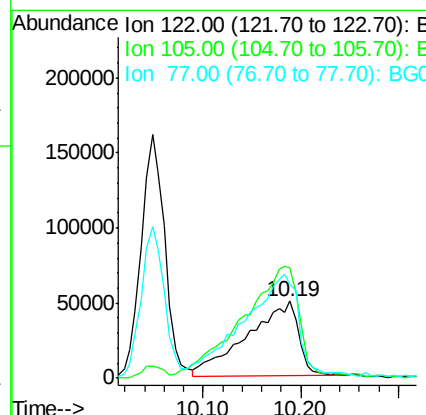
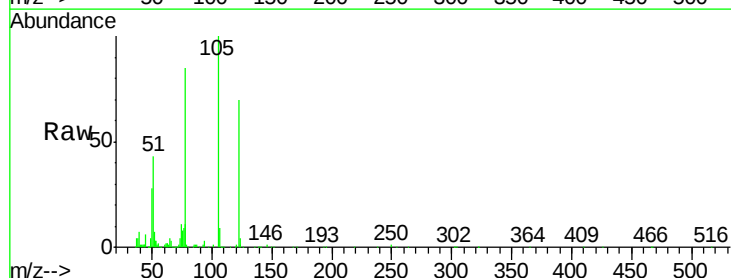
Instrument :
BNA_G
ClientSampleId :

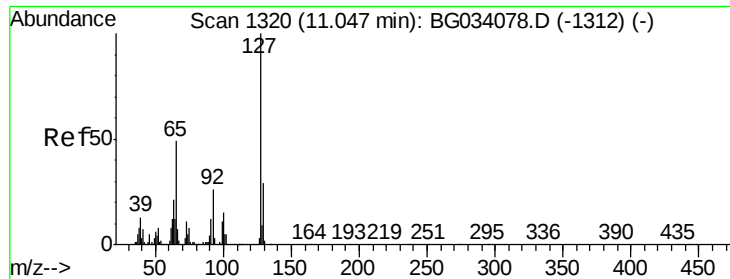
Tot Ion:128 Resp: 727748
Ion Ratio Lower Upper
128 100
129 10.4 8.6 12.8
127 14.1 11.6 17.4



#32
Benzoic acid
Concen: 42.89 ng
RT: 10.19 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion:122 Resp: 182721
Ion Ratio Lower Upper
122 100
105 142.9 123.5 163.5
77 121.5 85.7 125.7

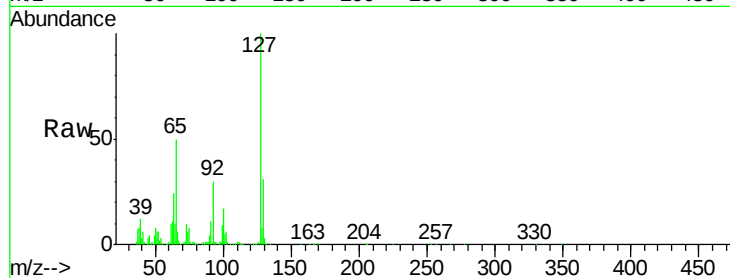




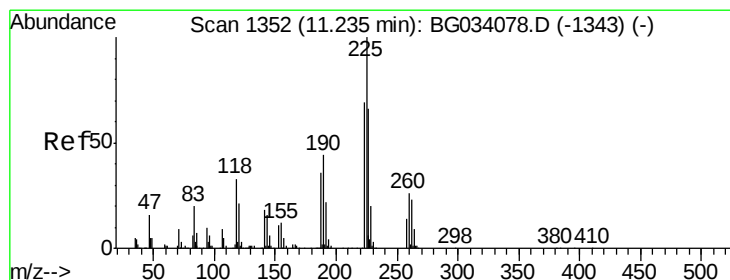
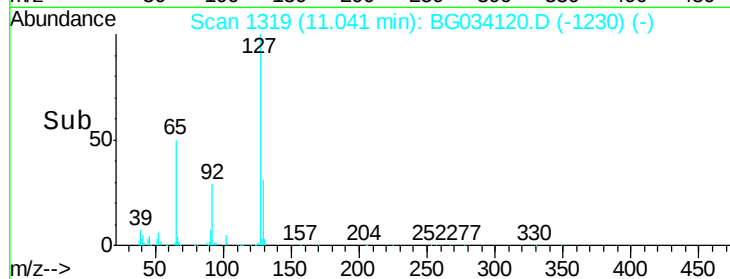
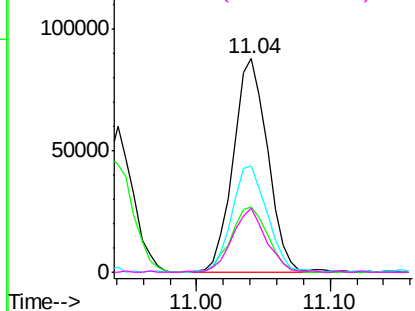
#33
4-Chloroaniline
Concen: 20.77 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	157105
Ion Ratio	Lower	Upper
127	100	
129	30.8	24.0 36.0
65	50.0	27.0 40.4#
92	29.8	16.6 25.0#

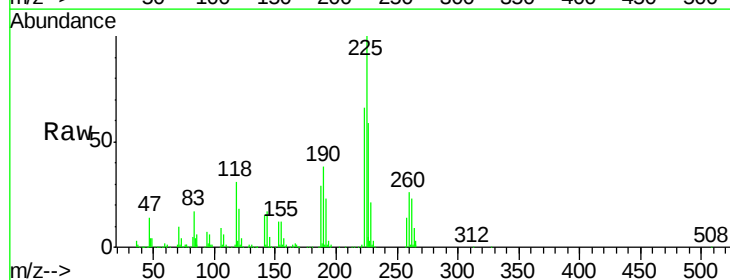


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

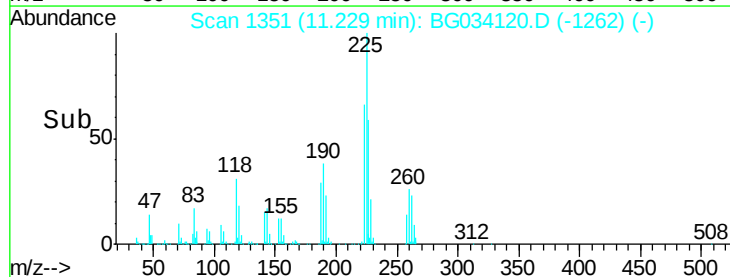
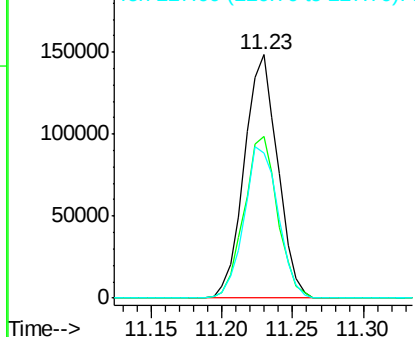


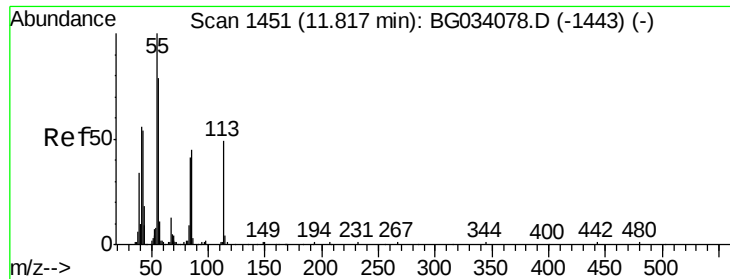
#34
Hexachlorobutadiene
Concen: 41.30 ng
RT: 11.23 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion:225	Resp:	245895
Ion Ratio	Lower	Upper
225	100	
223	66.3	49.7 74.5
227	59.5	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

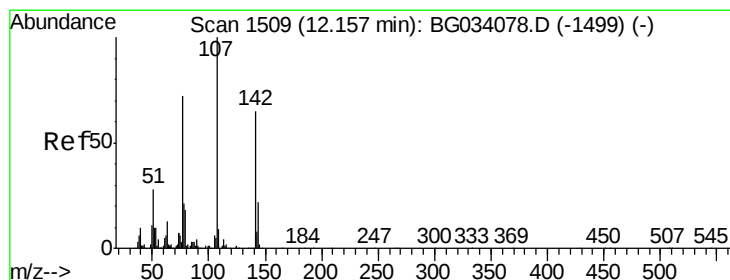
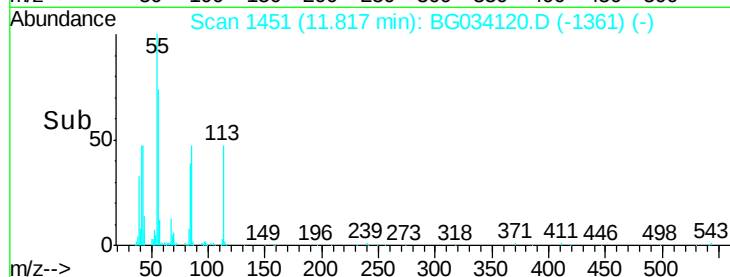
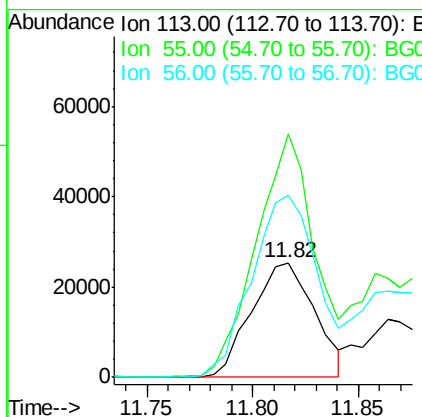
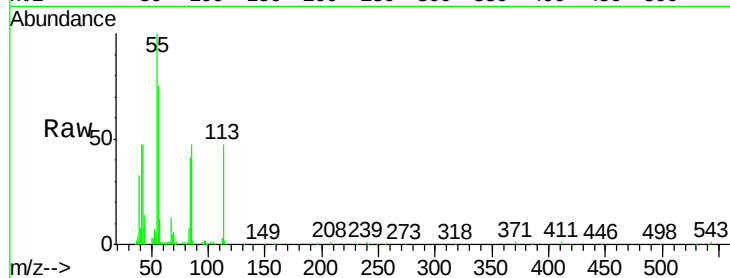




#35
 Caprolactam
 Concen: 25.25 ng
 RT: 11.82 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

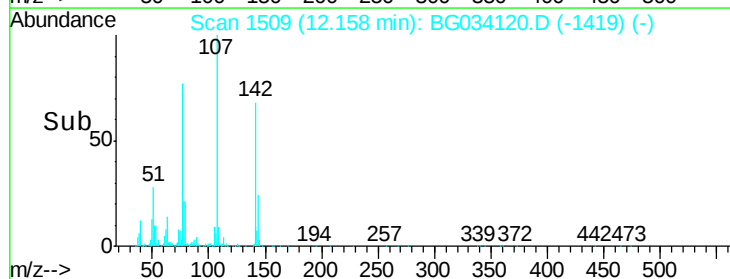
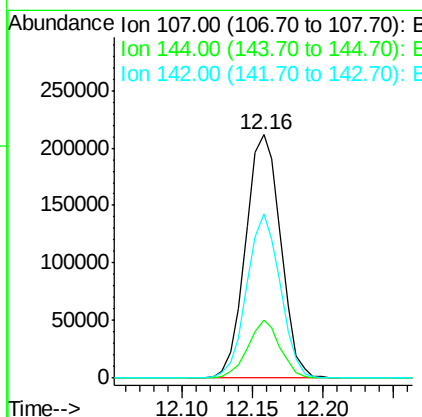
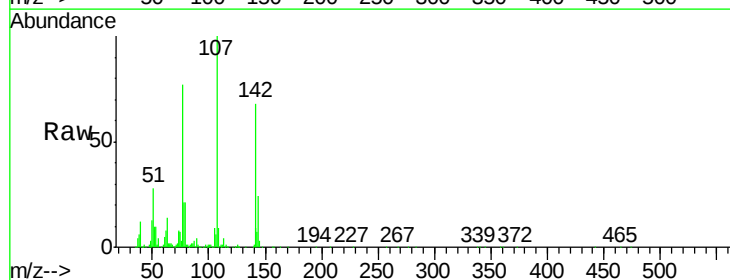
Instrument :
 BNA_G
 ClientSampleId :

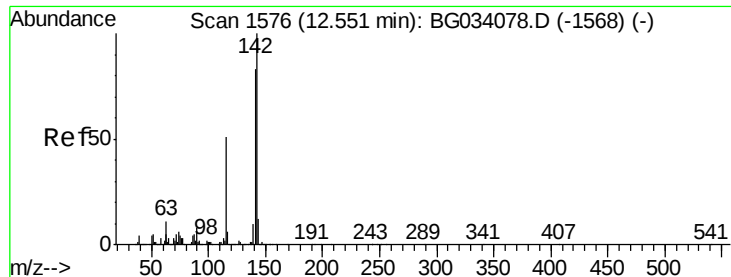
Tot Ion:113 Resp: 52388
 Ion Ratio Lower Upper
 113 100
 55 212.2 186.9 226.9
 56 159.1 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 48.69 ng
 RT: 12.16 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Tgt Ion:107 Resp: 368744
 Ion Ratio Lower Upper
 107 100
 144 23.6 18.2 27.4
 142 67.6 59.0 88.4

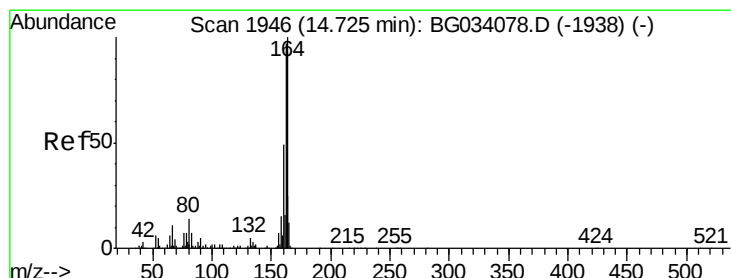
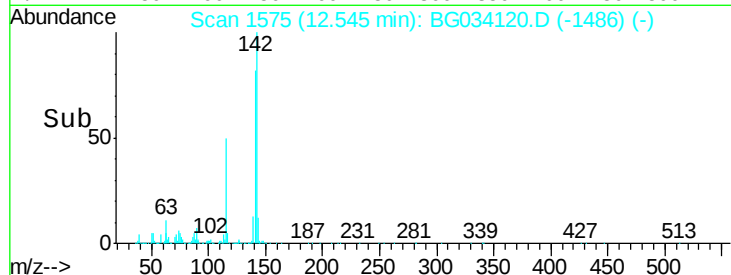
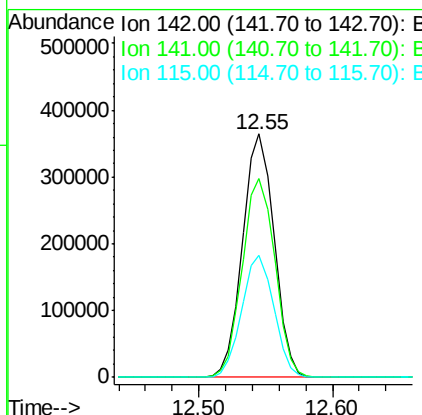
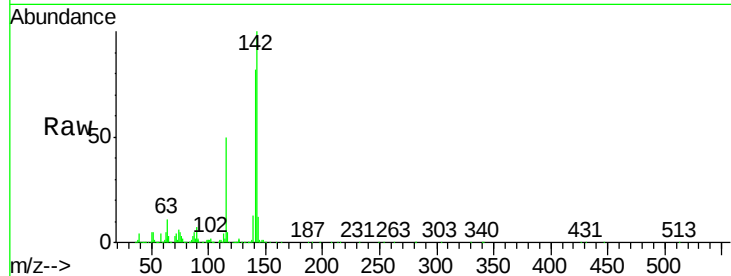




#37
 2-Methylnaphthalene
 Concen: 43.85 ng
 RT: 12.55 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

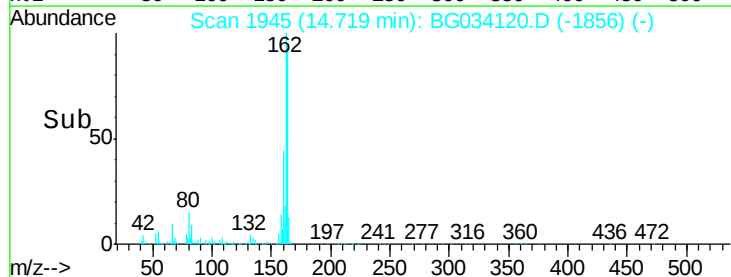
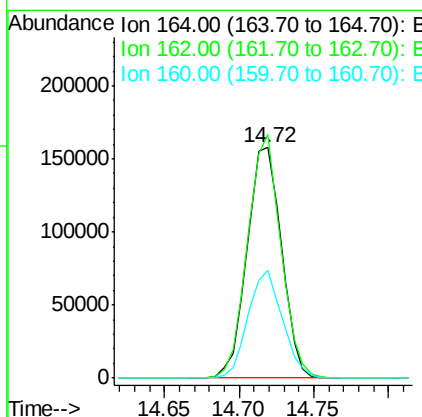
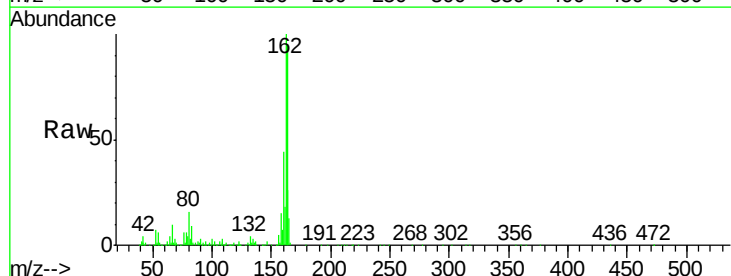
Instrument :
 BNA_G
 ClientSampleId :

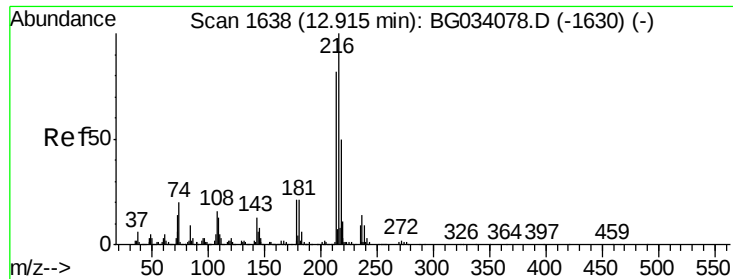
Tot Ion	Ratio	Lower	Upper
142	100		
141	81.6	67.1	100.7
115	50.2	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	78.8	118.2
160	46.9	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.65 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 425093

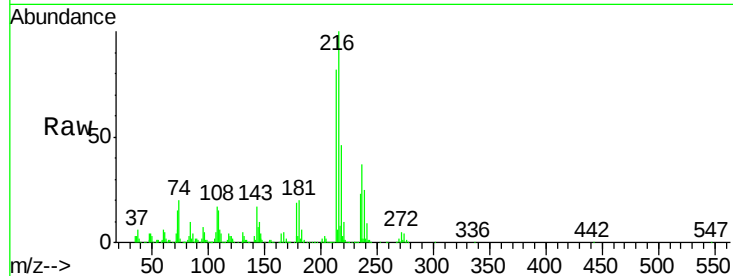
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 20.0 17.0 25.6

108 20.4 12.8 19.2#

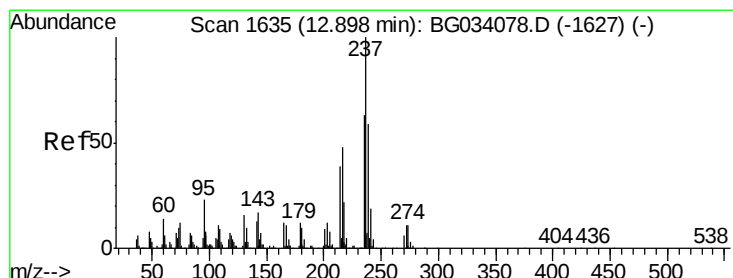
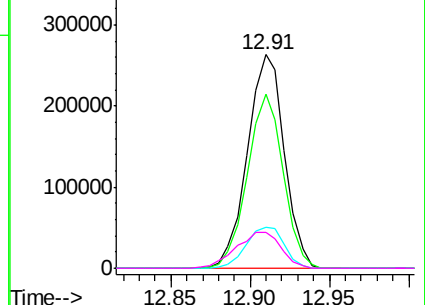
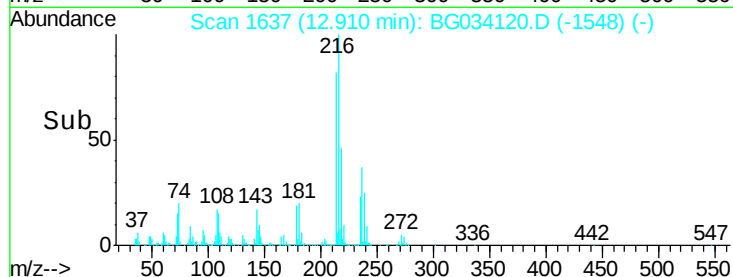


Abundance Ion 216.00 (215.70 to 216.70): E

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: 105.96 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

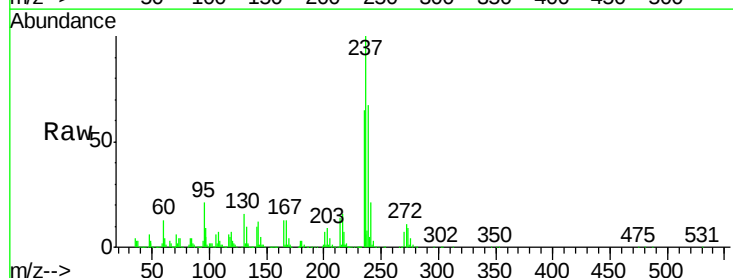
Tgt Ion:237 Resp: 611393

Ion Ratio Lower Upper

237 100

235 65.1 50.4 90.4

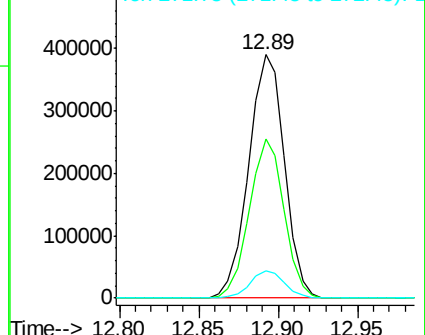
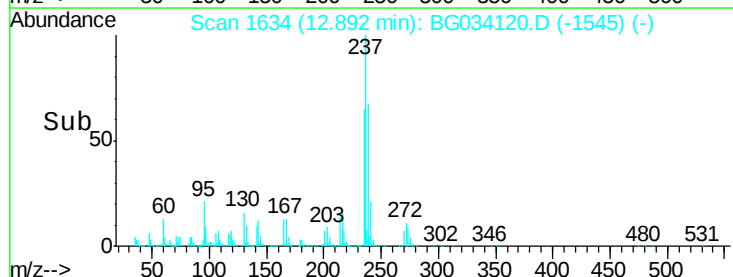
272 11.5 0.0 31.8

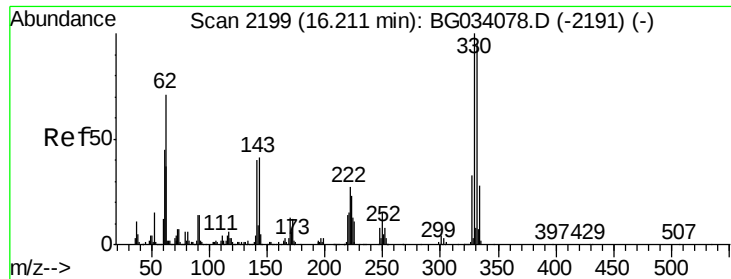


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

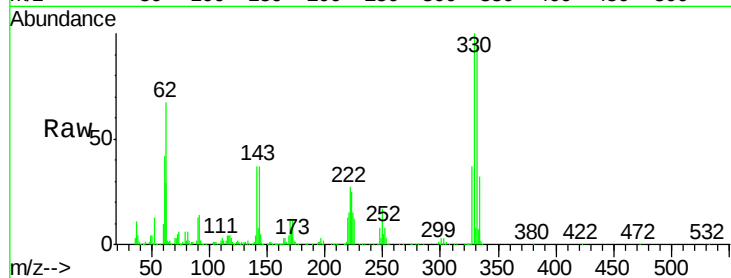




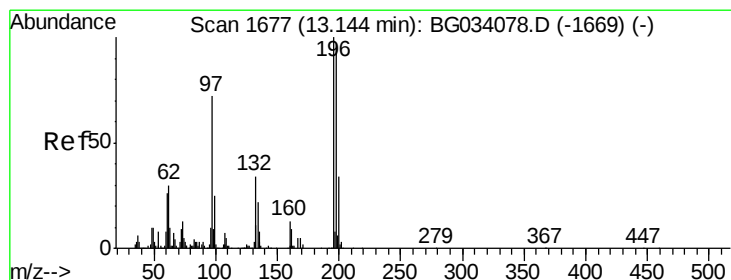
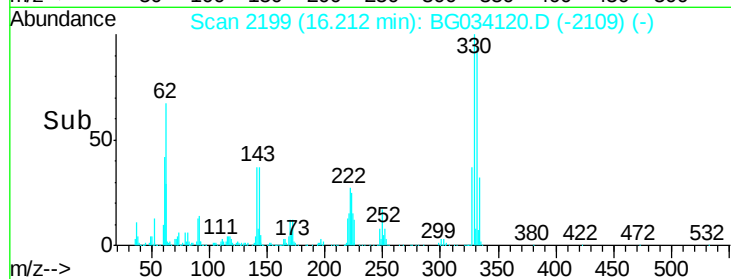
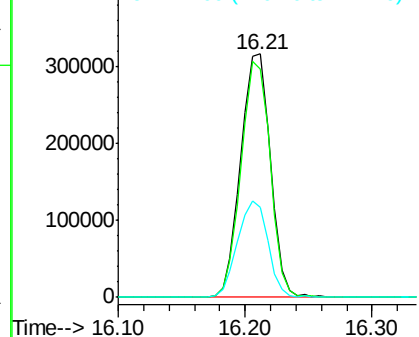
#41
 2,4,6-Tribromophenol
 Concen: 147.93 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 515455
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 40.3 25.2 37.8#

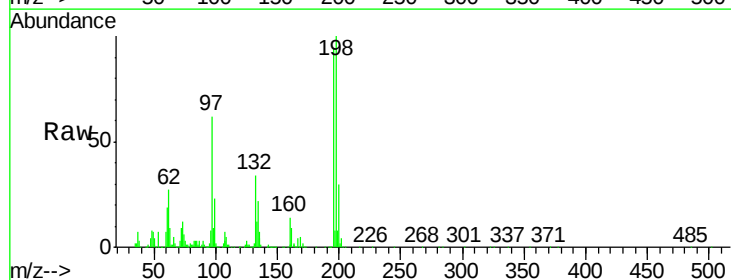


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

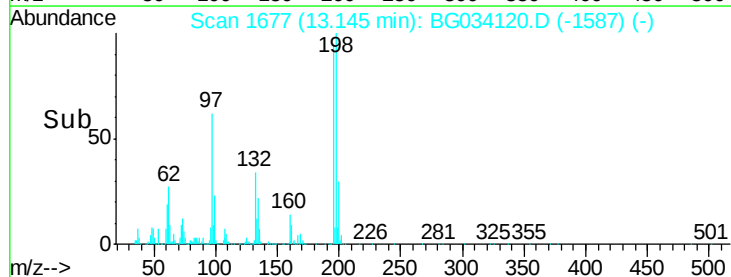
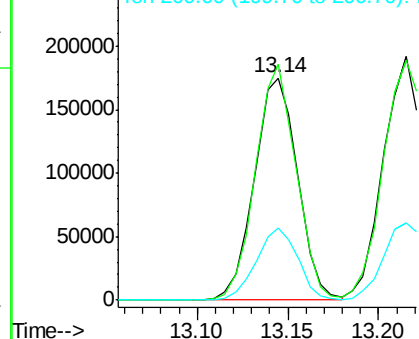


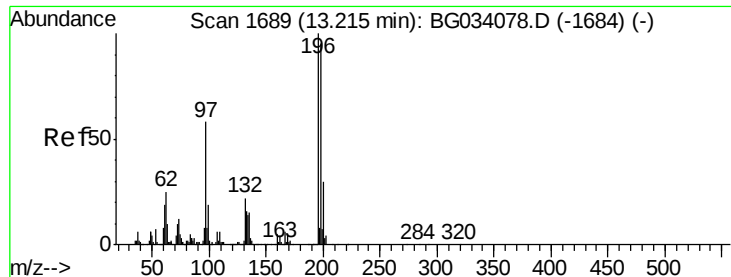
#42
 2,4,6-Trichlorophenol
 Concen: 51.13 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Tgt Ion:196 Resp: 289268
 Ion Ratio Lower Upper
 196 100
 198 106.1 78.2 117.2
 200 32.1 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

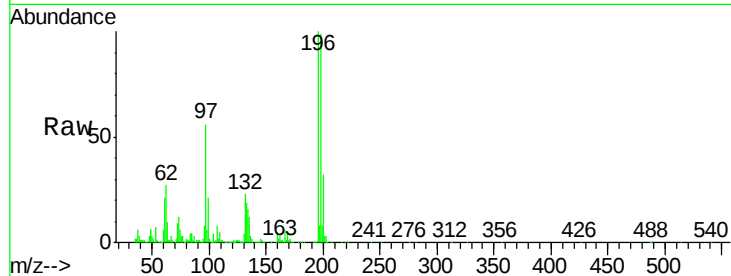




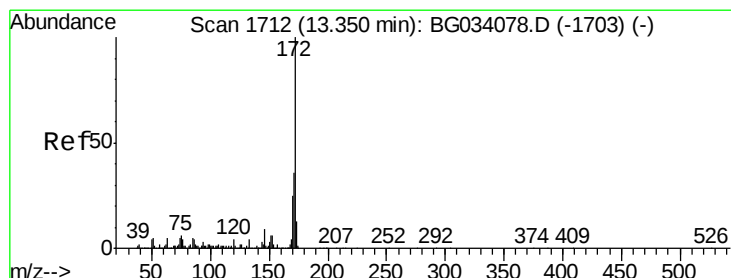
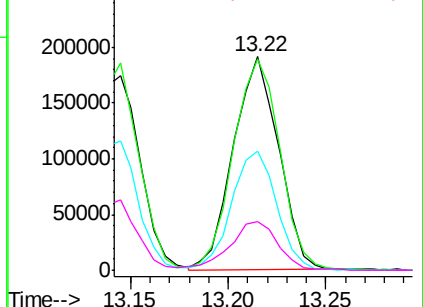
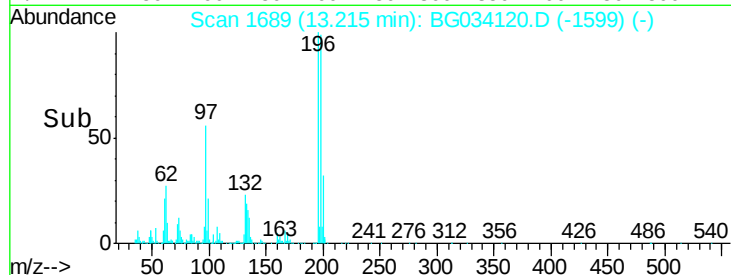
#43
 2,4,5-Trichlorophenol
 Concen: 49.19 ng
 RT: 13.22 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 307654
 Ion Ratio Lower Upper
 196 100
 198 98.6 76.2 114.4
 97 55.9 38.7 58.1
 132 23.0 20.2 30.2

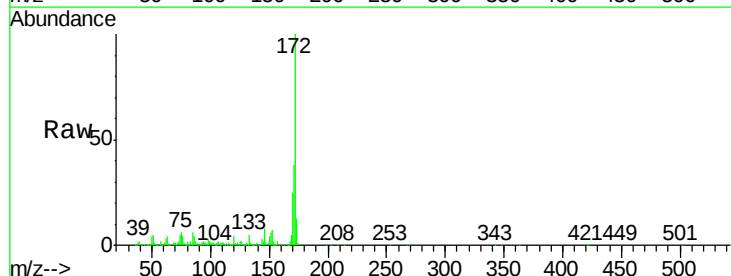


Abundance Ion 196.00 (195.70 to 196.70): E
 300000
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

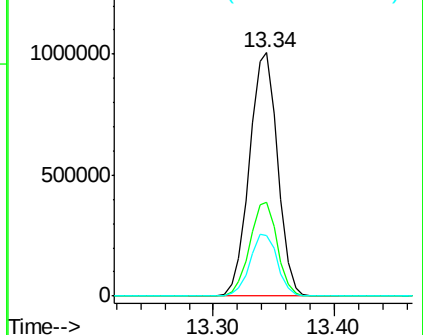
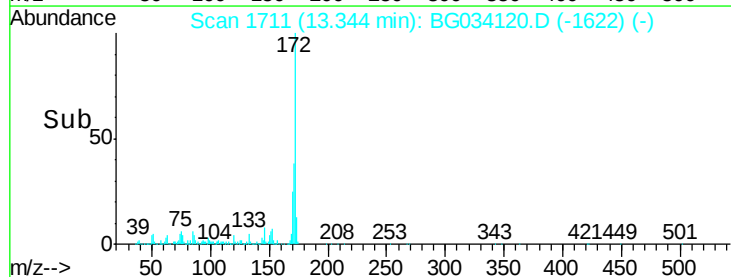


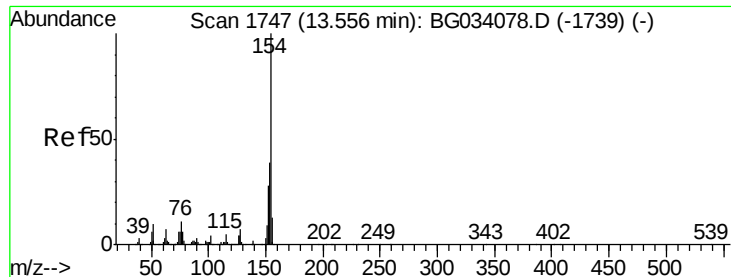
#44
 2-Fluorobiphenyl
 Concen: 94.52 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Tgt Ion:172 Resp: 1632262
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.0 45.0
 170 24.9 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 1000000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.52 ng

RT: 13.55 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

BNA_G

ClientSampleId :

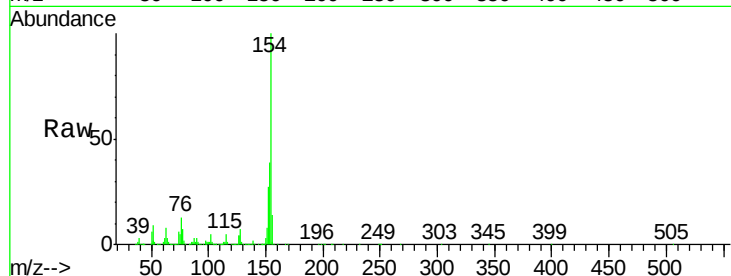
Tot Ion:154 Resp: 835932

Ion Ratio Lower Upper

154 100

153 39.4 19.8 59.8

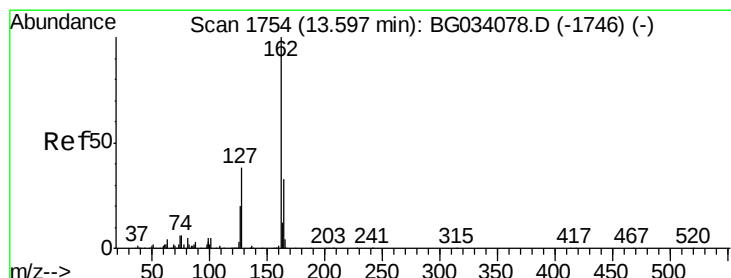
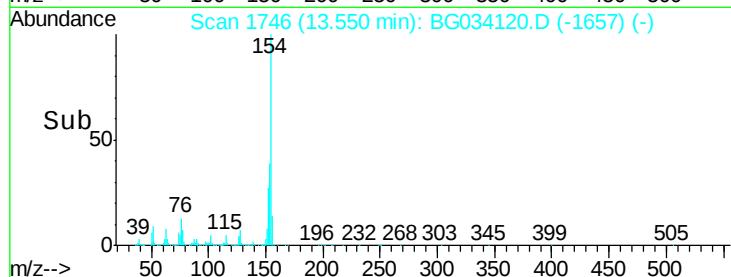
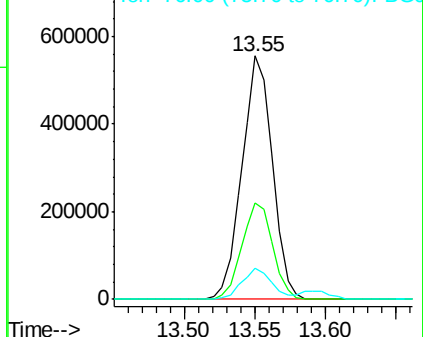
76 12.6 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 44.26 ng

RT: 13.59 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

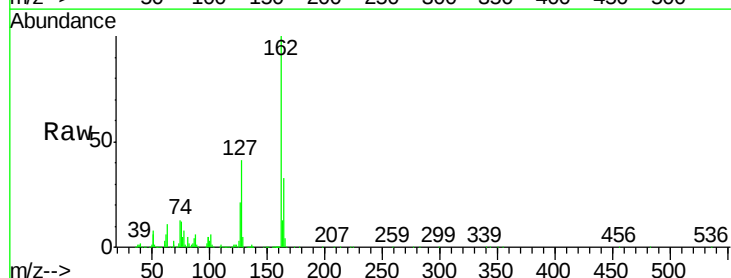
Tgt Ion:162 Resp: 658736

Ion Ratio Lower Upper

162 100

127 40.7 30.7 46.1

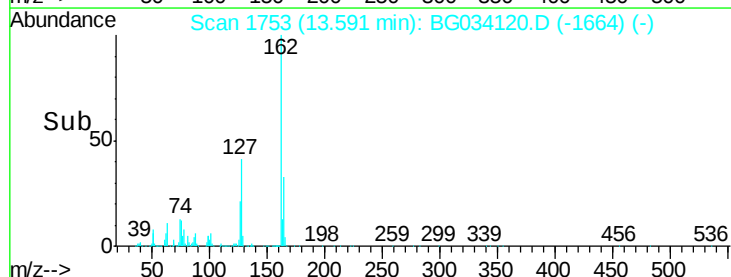
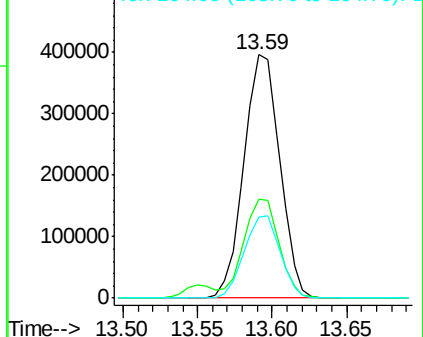
164 33.1 26.0 39.0

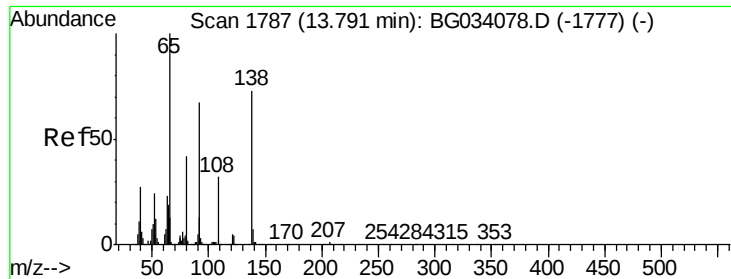


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.41 ng

RT: 13.79 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

BNA_G

ClientSampleId :

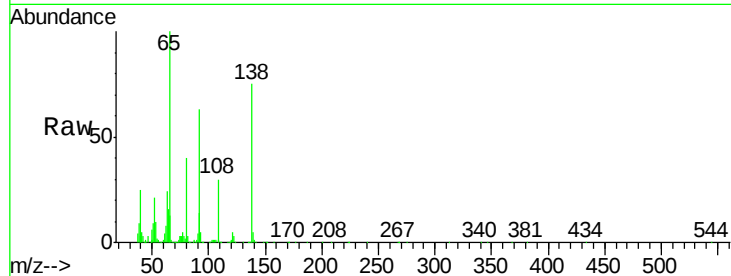
Tot Ion: 65 Resp: 294026

Ion Ratio Lower Upper

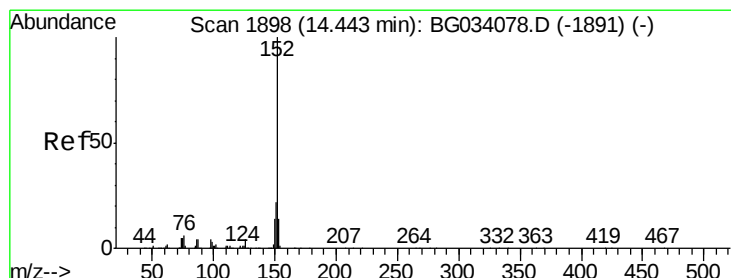
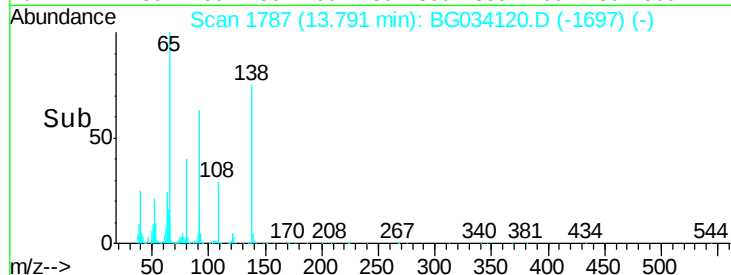
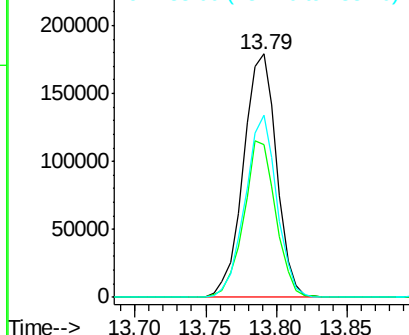
65 100

92 62.5 54.6 82.0

138 74.8 72.9 109.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 42.89 ng

RT: 14.44 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

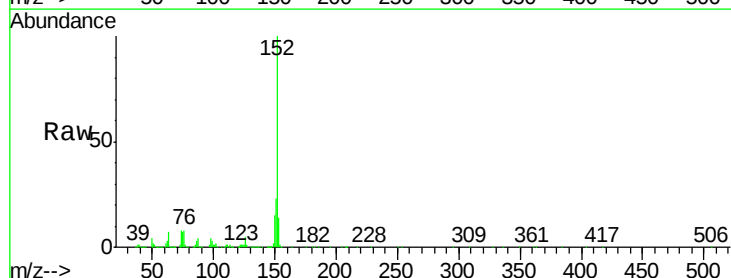
Tgt Ion: 152 Resp: 1019093

Ion Ratio Lower Upper

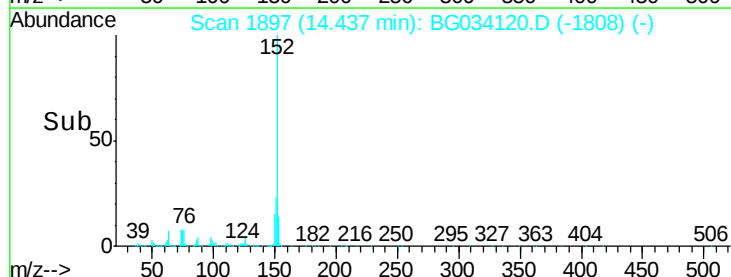
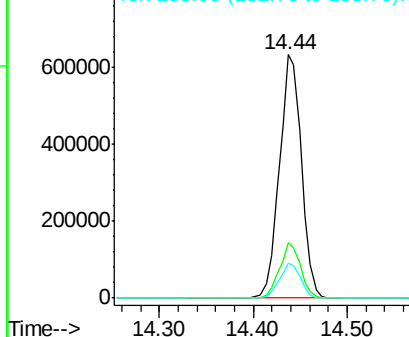
152 100

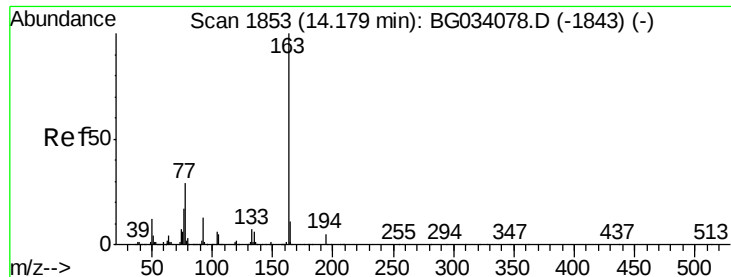
151 22.8 17.2 25.8

153 14.3 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 42.30 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

BNA_G

ClientSampleId :

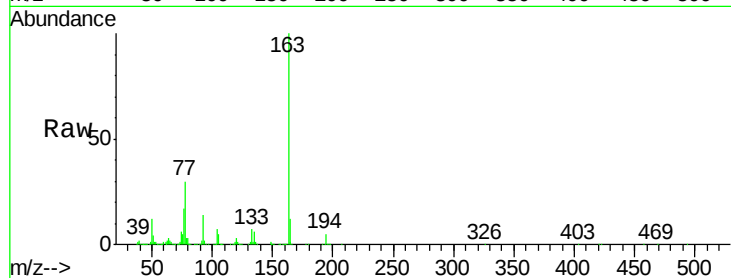
Tot Ion:163 Resp: 922993

Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.2#

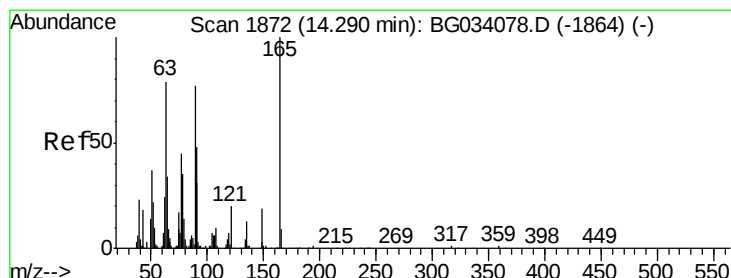
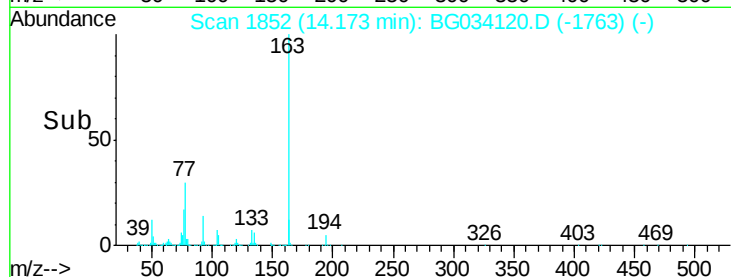
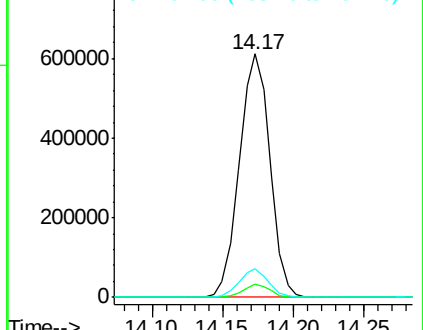
164 11.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.08 ng

RT: 14.29 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

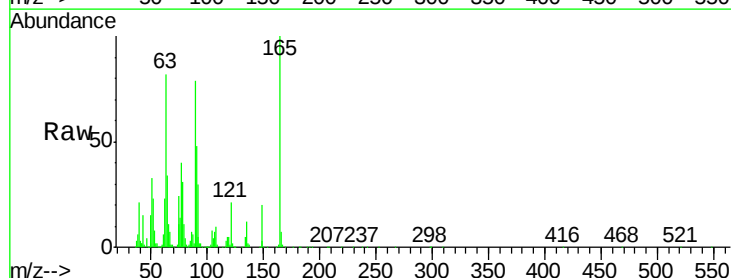
Tgt Ion:165 Resp: 205685

Ion Ratio Lower Upper

165 100

63 82.2 52.7 79.1#

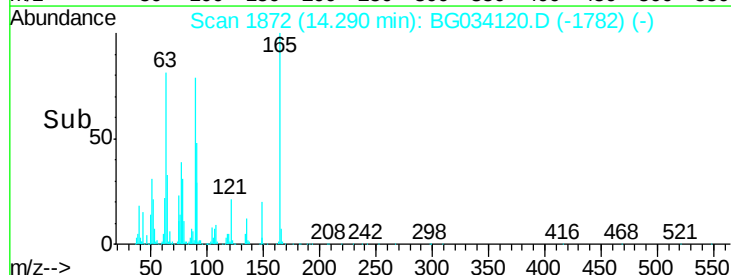
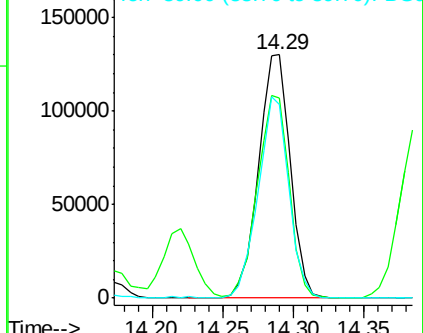
89 79.4 49.2 73.8#

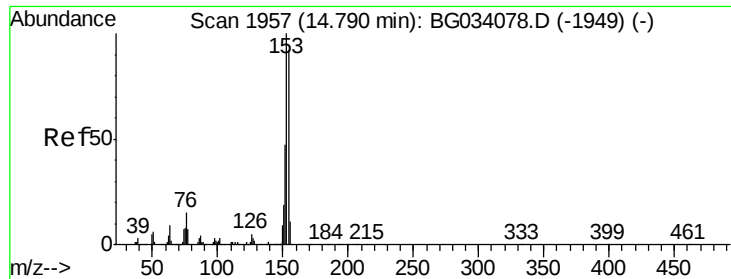


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 42.02 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

BNA_G

ClientSampleId :

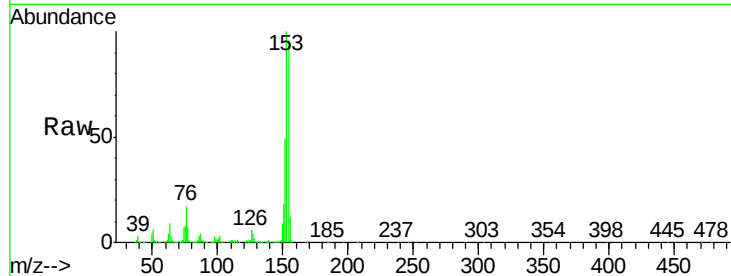
Tot Ion:154 Resp: 678609

Ion Ratio Lower Upper

154 100

153 104.5 90.4 135.6

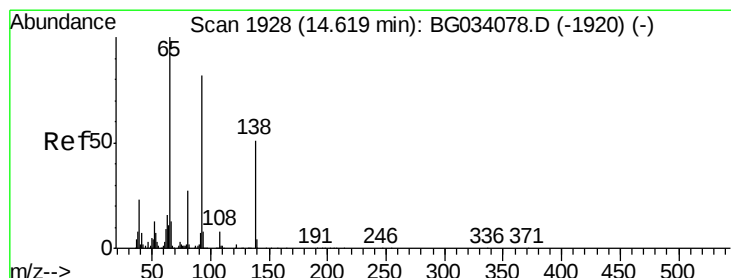
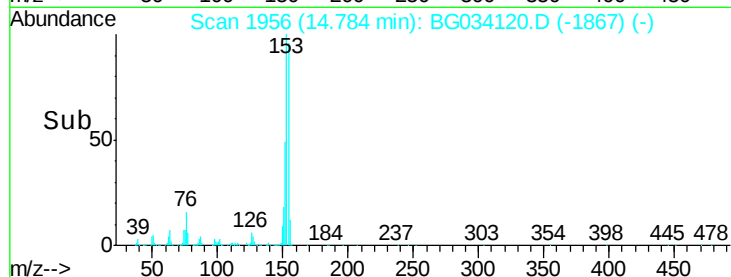
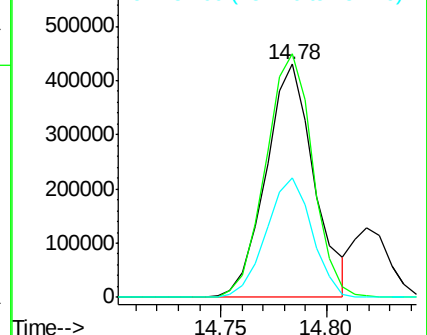
152 51.5 41.6 62.4



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



#52

3-Nitroaniline

Concen: 30.40 ng

RT: 14.61 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

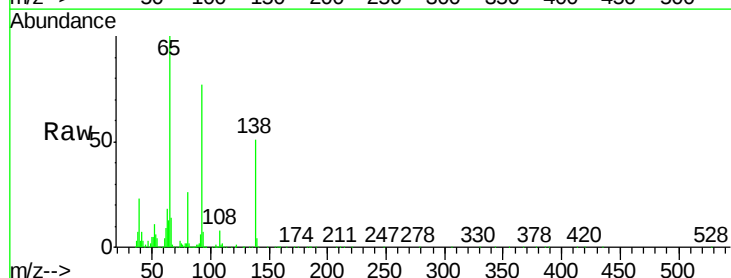
Tgt Ion:138 Resp: 128399

Ion Ratio Lower Upper

138 100

108 16.1 17.5 26.3#

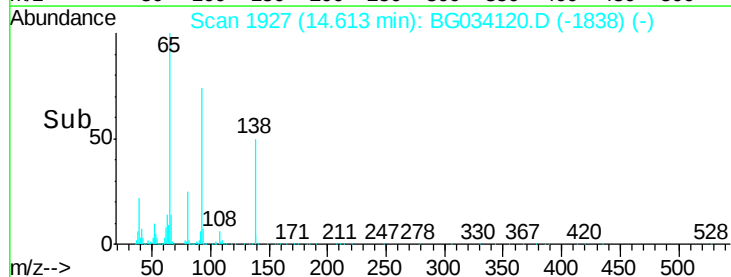
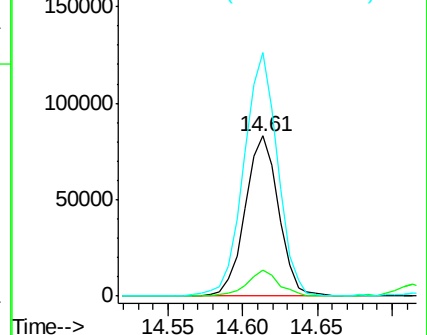
92 152.3 105.8 158.8

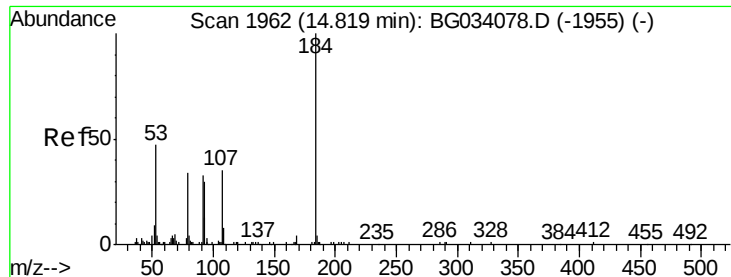


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

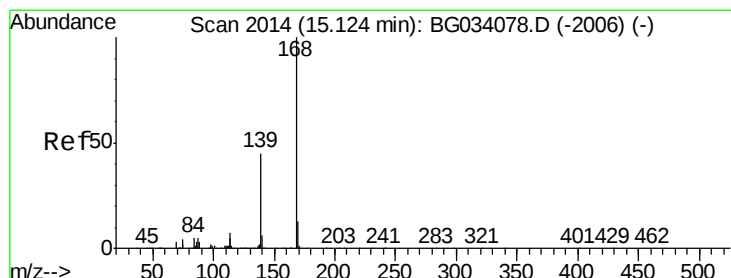
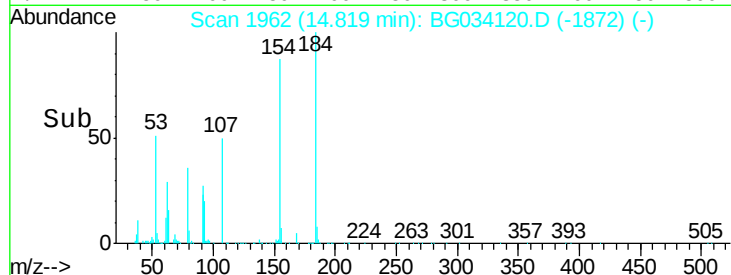
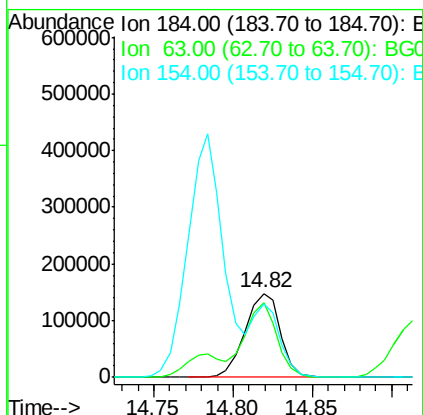
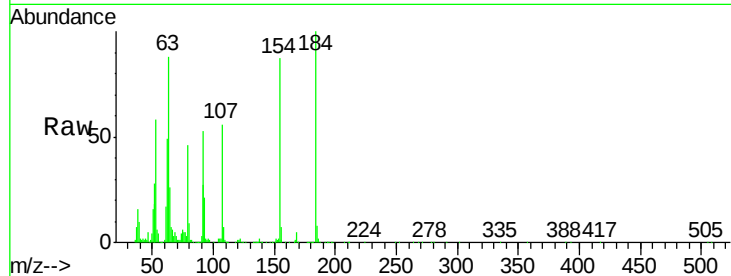




#53
2,4-Dinitrophenol
Concen: 139.76 ng
RT: 14.82 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

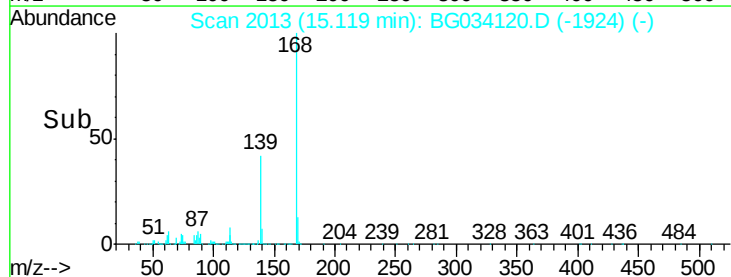
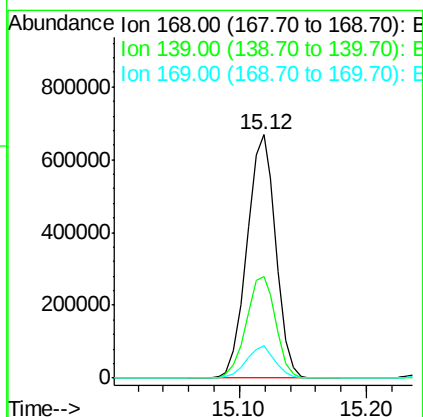
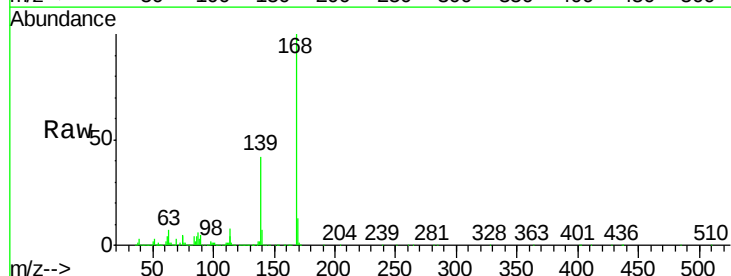
Instrument :
BNA_G
ClientSampled :

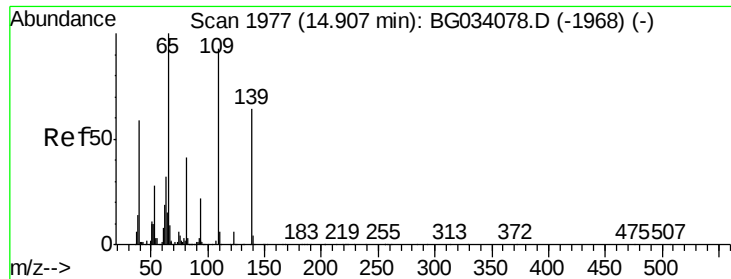
Tot Ion:184 Resp: 229139
Ion Ratio Lower Upper
184 100
63 88.2 59.8 89.8
154 86.9 101.8 152.8#



#54
Dibenzofuran
Concen: 44.77 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion:168 Resp: 1048194
Ion Ratio Lower Upper
168 100
139 41.9 28.6 43.0
169 13.1 11.2 16.8

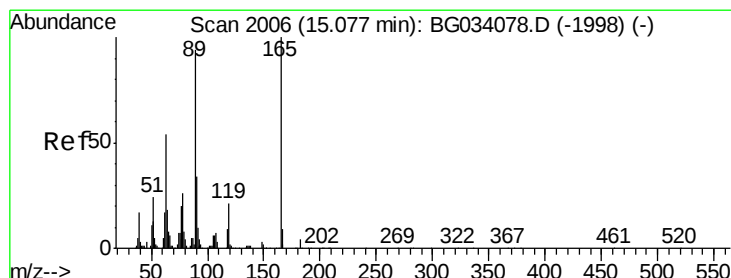
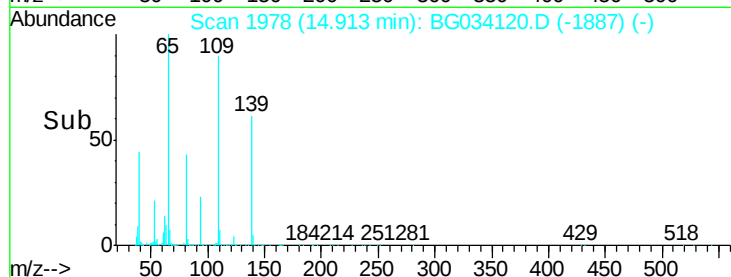
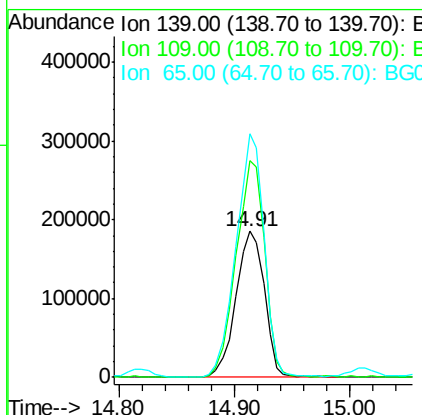
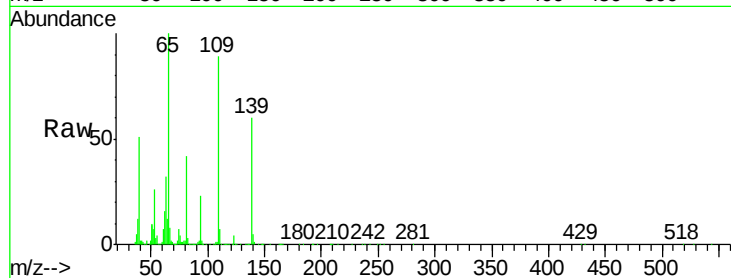




#55
4-Nitrophenol
Concen: 98.33 ng
RT: 14.91 min Scan# 1978
Delta R.T. 0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

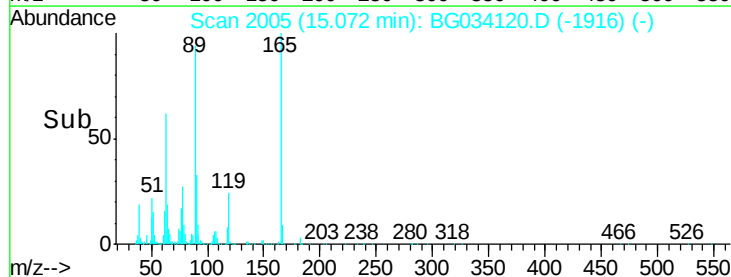
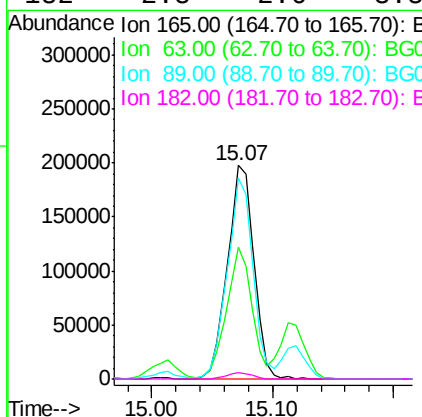
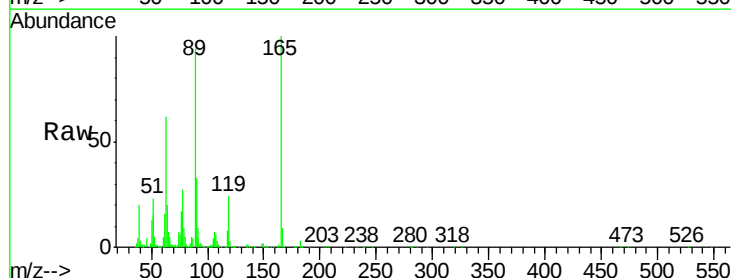
Instrument :
BNA_G
ClientSampleId :

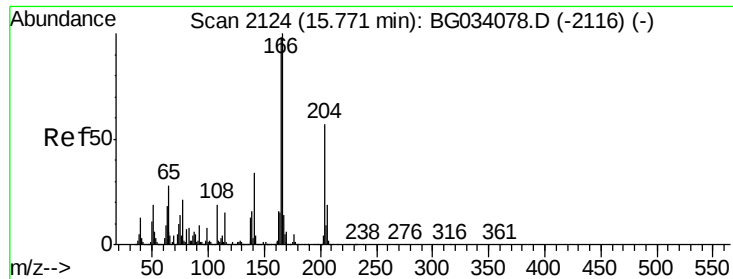
Tot Ion:139 Resp: 317033
Ion Ratio Lower Upper
139 100
109 148.8 62.2 102.2#
65 166.8 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 52.95 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion:165 Resp: 301315
Ion Ratio Lower Upper
165 100
63 61.8 42.0 63.0
89 94.3 66.9 100.3
182 2.8 2.6 3.8





#57

Fluorene

Concen: 42.29 ng

RT: 15.77 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

BNA_G

ClientSampled :

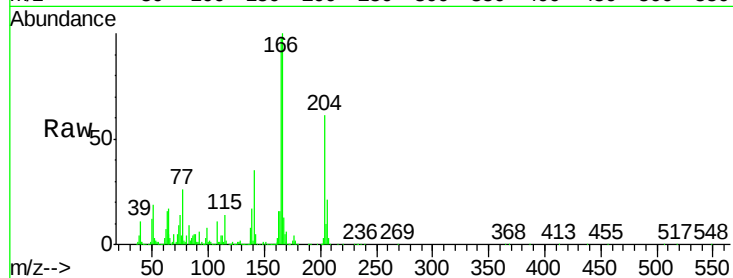
Tot Ion:166 Resp: 862992

Ion Ratio Lower Upper

166 100

165 98.3 80.6 121.0

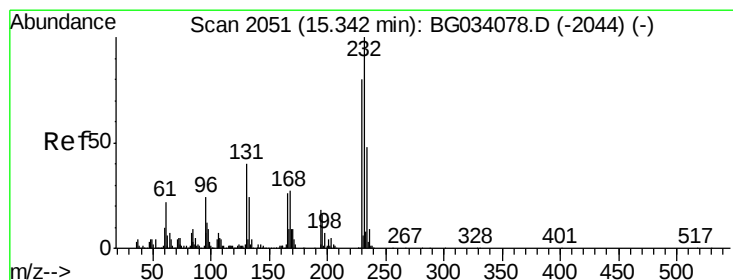
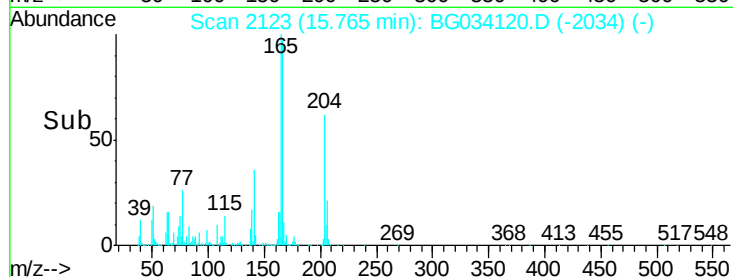
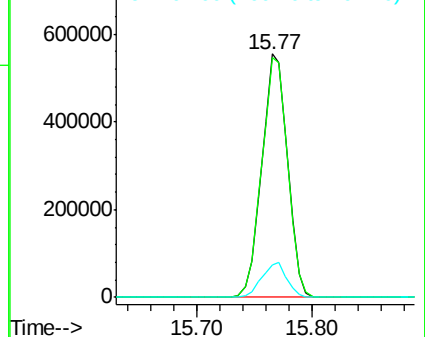
167 13.1 10.4 15.6



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: 50.97 ng

RT: 15.34 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Tgt Ion:232 Resp: 329770

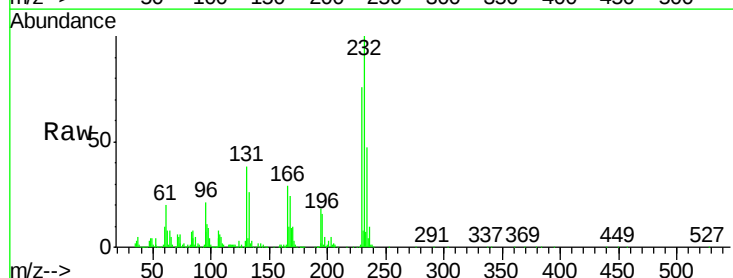
Ion Ratio Lower Upper

232 100

131 38.9 33.5 50.3

130 2.4 2.2 3.2

166 28.5 24.8 37.2

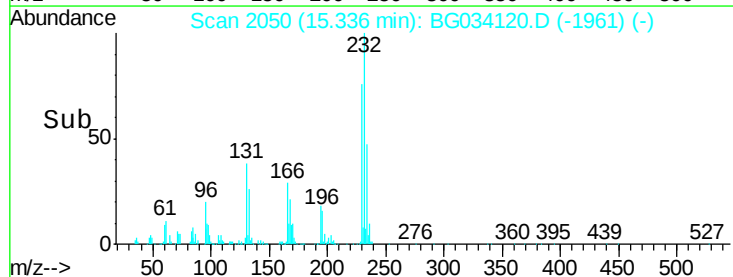
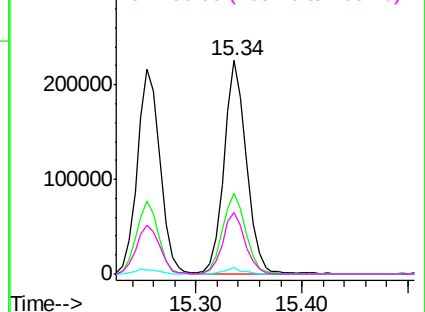


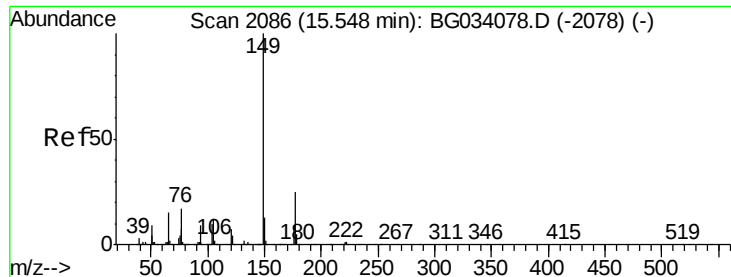
Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.15 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

BNA_G

ClientSampleId :

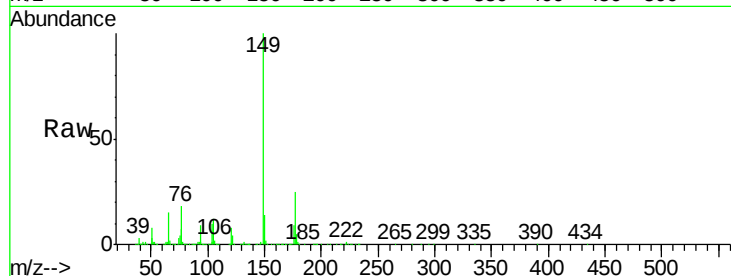
Tot Ion:149 Resp: 973382

Ion Ratio Lower Upper

149 100

177 24.8 18.5 27.7

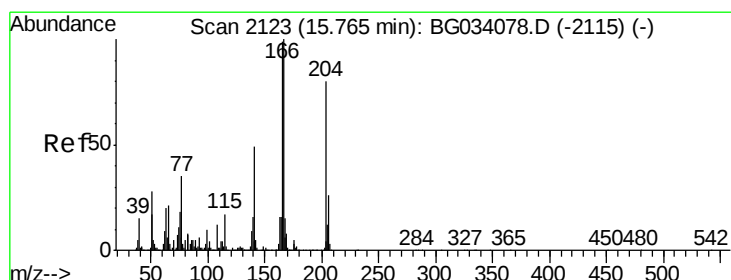
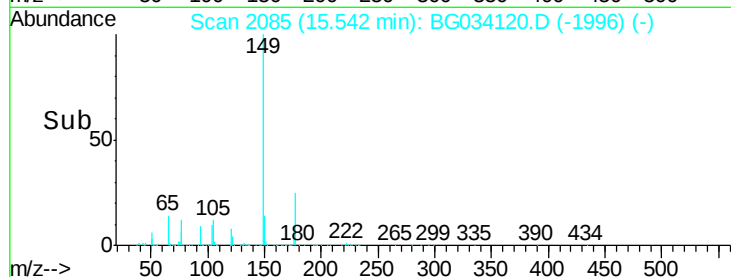
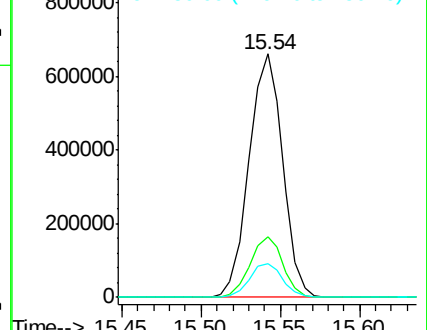
150 13.9 10.2 15.2



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: 44.77 ng

RT: 15.76 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

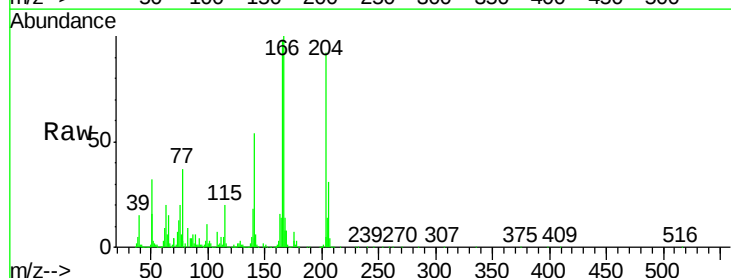
Tgt Ion:204 Resp: 543457

Ion Ratio Lower Upper

204 100

206 34.1 26.2 39.2

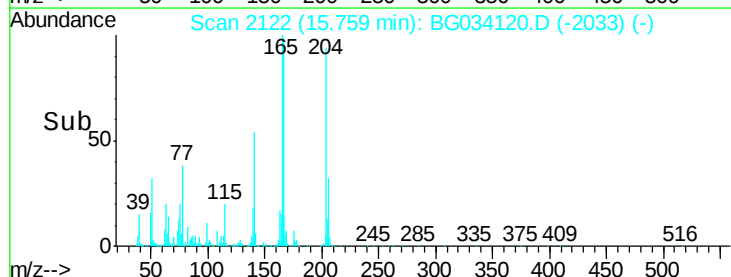
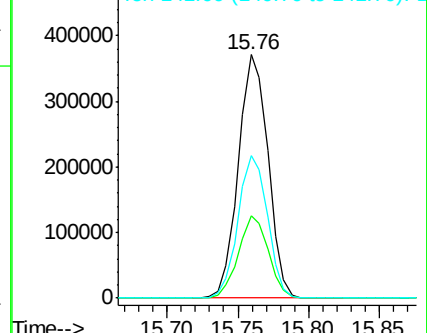
141 58.3 45.8 68.6

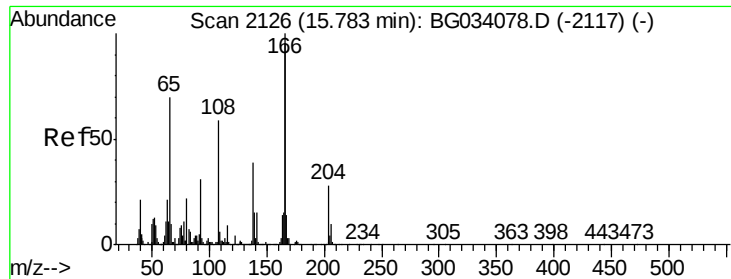


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

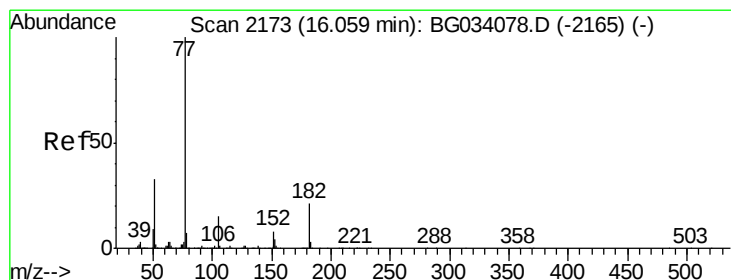
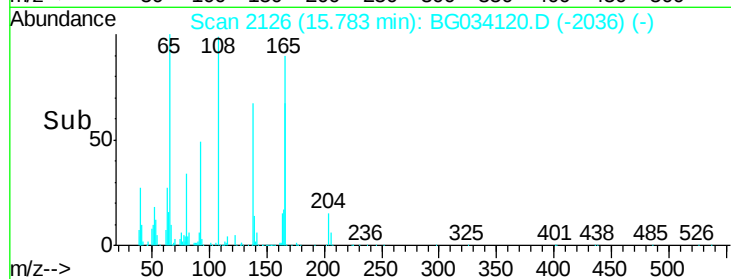
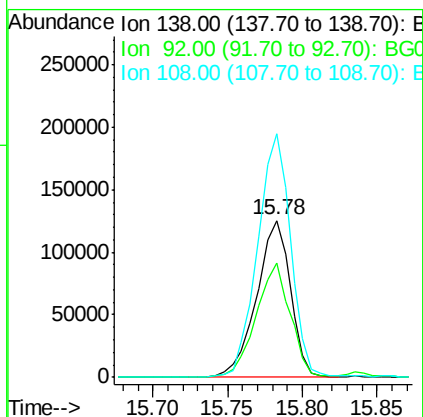
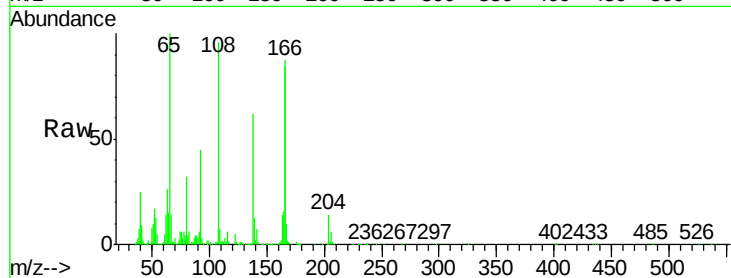




#61
4-Nitroaniline
Concen: 43.93 ng
RT: 15.78 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

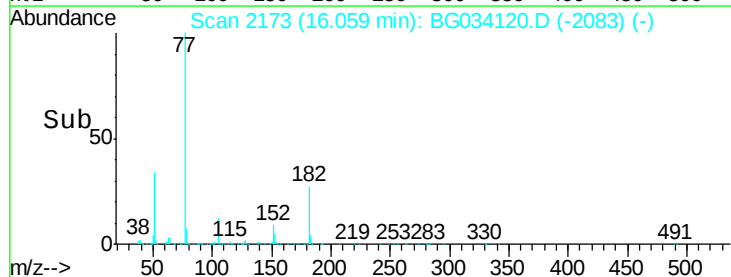
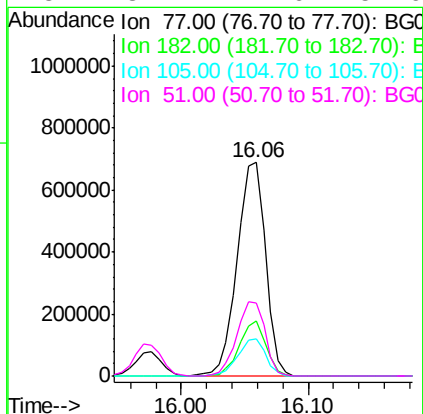
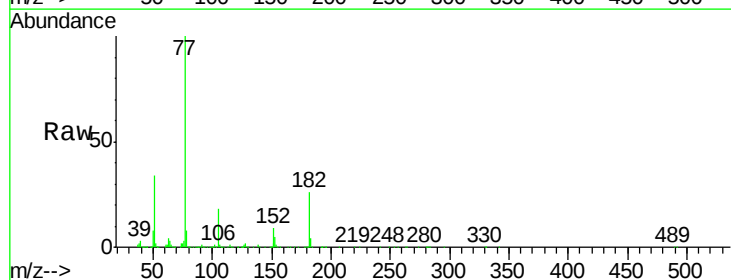
Instrument :
BNA_G
ClientSampled :

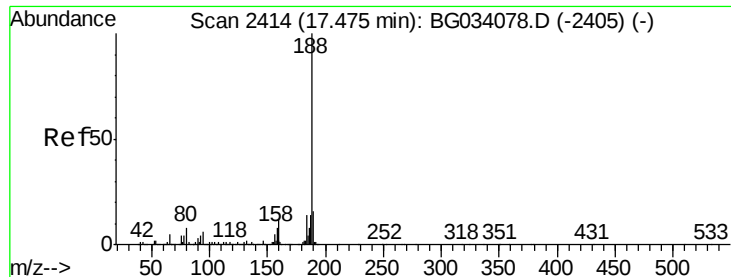
Tot Ion:138 Resp: 196861
Ion Ratio Lower Upper
138 100
92 73.0 40.1 80.1
108 154.9 65.4 105.4#



#62
Azobenzene
Concen: 42.85 ng
RT: 16.06 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion: 77 Resp: 1068752
Ion Ratio Lower Upper
77 100
182 25.7 7.4 47.4
105 17.6 0.3 40.3
51 34.4 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

BNA_G

ClientSampleId :

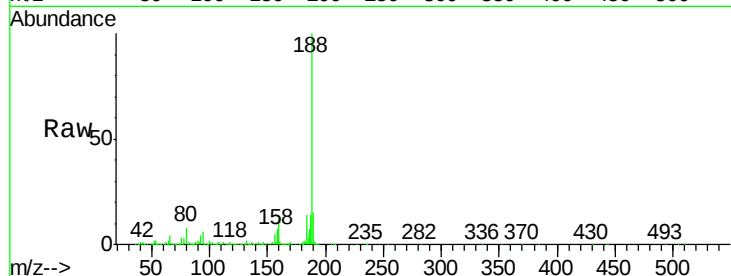
Tot Ion:188 Resp: 671486

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

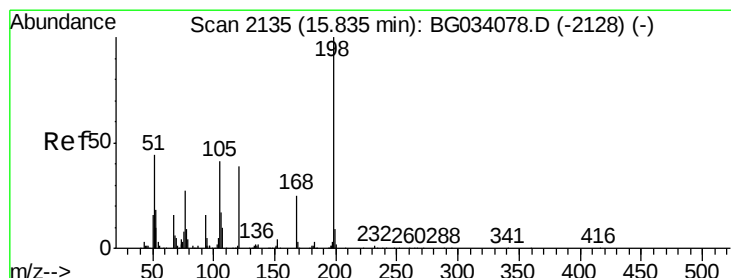
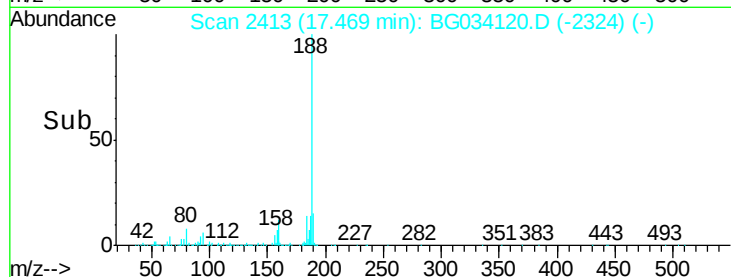
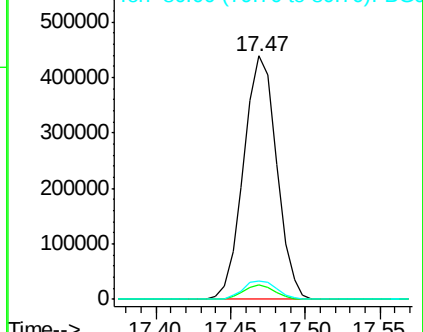
80 7.6 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 49.35 ng

RT: 15.84 min Scan# 2135

Delta R.T. 0.00 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

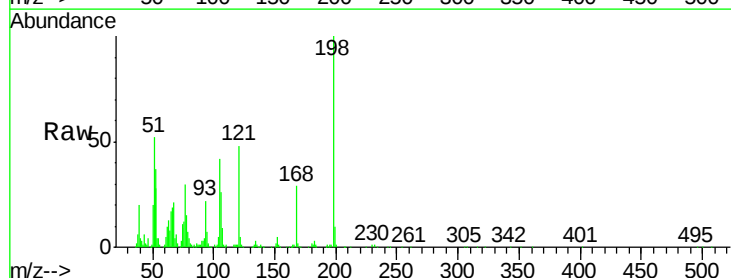
Tgt Ion:198 Resp: 155812

Ion Ratio Lower Upper

198 100

51 52.2 30.6 70.6

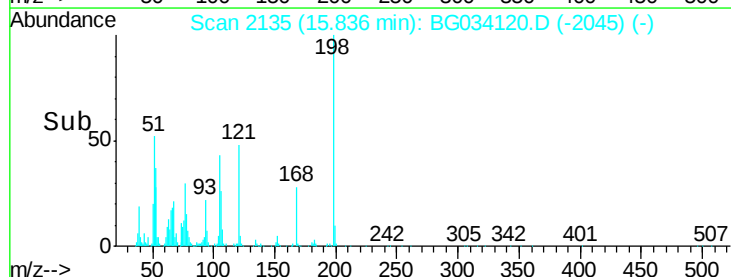
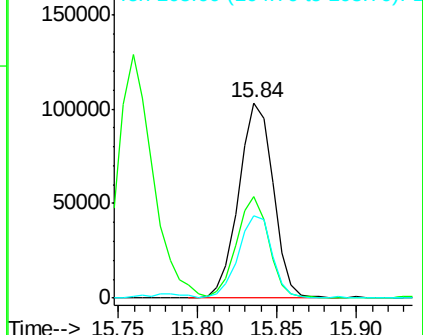
105 42.4 23.8 63.8

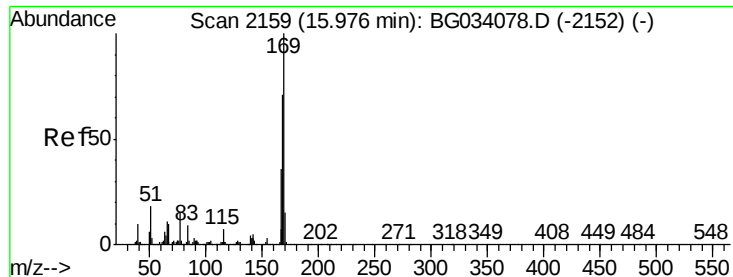


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

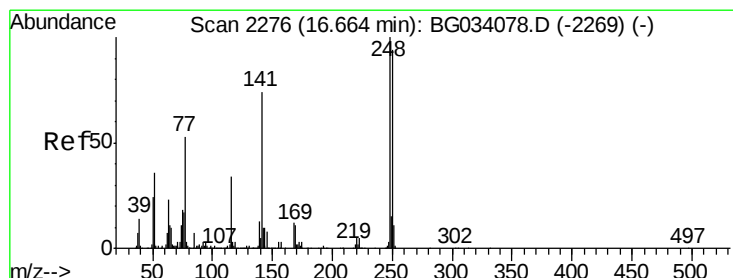
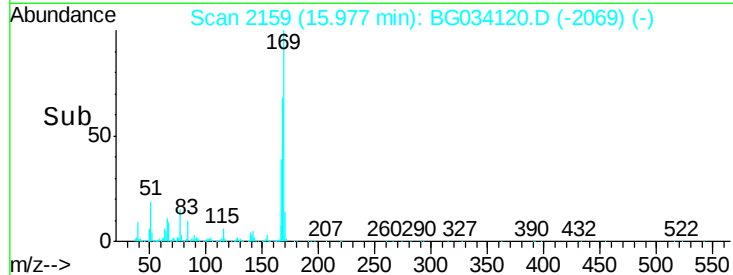
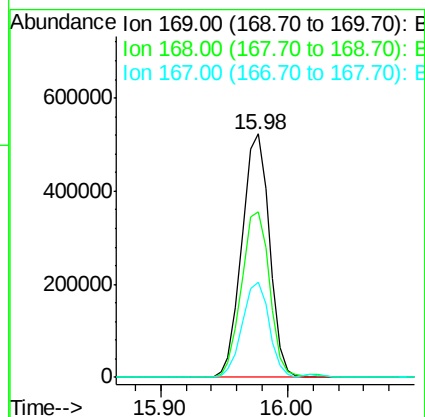
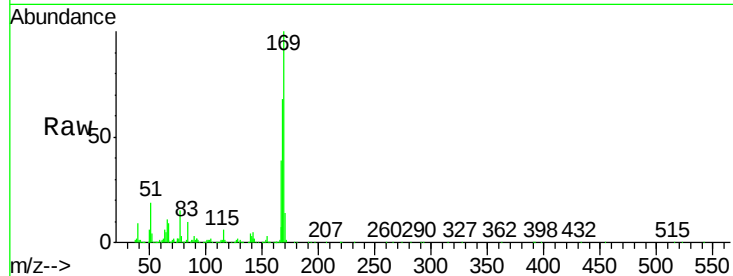




#65
n-Nitrosodiphenylamine
Concen: 43.04 ng
RT: 15.98 min Scan# 2159
Delta R.T. 0.00 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

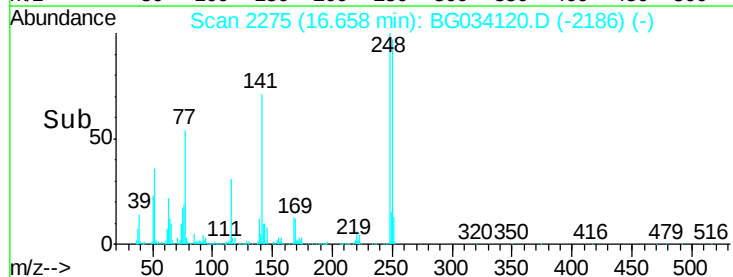
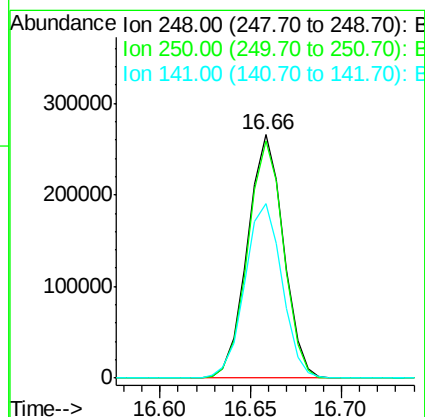
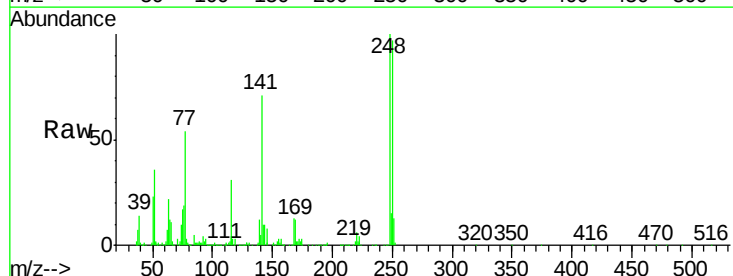
Instrument :
BNA_G
ClientSampleId :

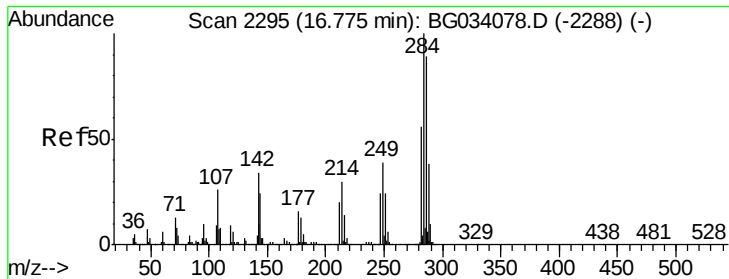
Tot Ion:169 Resp: 788120
Ion Ratio Lower Upper
169 100
168 67.9 55.7 83.5
167 38.9 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 43.93 ng
RT: 16.66 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion:248 Resp: 366218
Ion Ratio Lower Upper
248 100
250 97.2 77.1 115.7
141 71.4 50.8 76.2





#67

Hexachlorobenzene

Concen: 42.18 ng

RT: 16.77 min Scan# 2294

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

BNA_G

ClientSampleId :

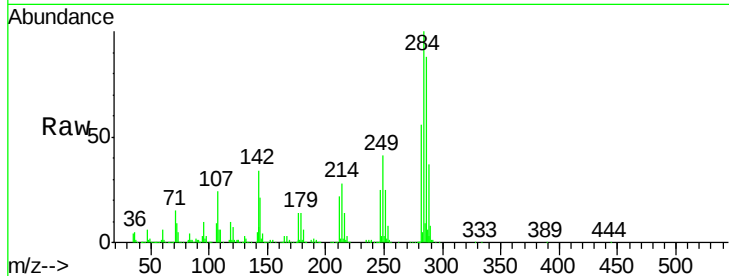
Tot Ion:284 Resp: 356947

Ion Ratio Lower Upper

284 100

142 34.2 26.8 40.2

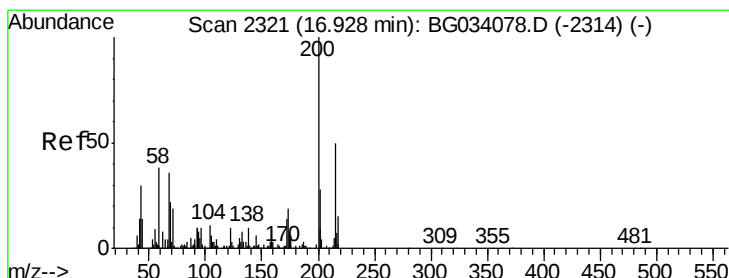
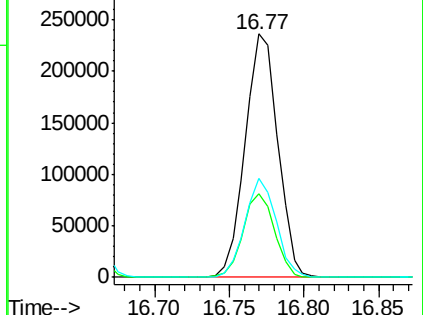
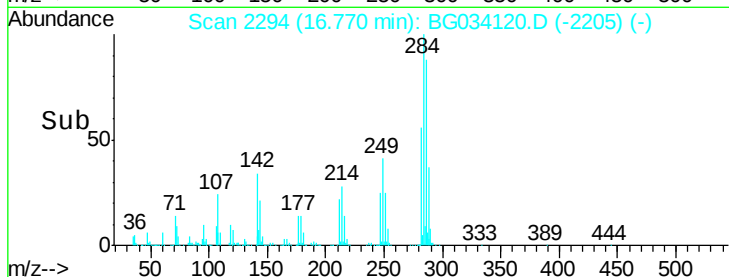
249 40.7 26.3 39.5#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: Below Cal

RT: 16.93 min Scan# 2321

Delta R.T. 0.00 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

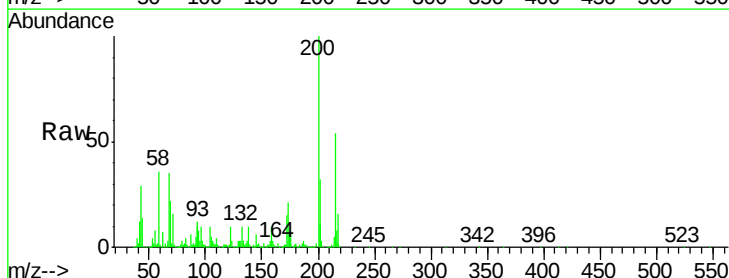
Tgt Ion:200 Resp: 378891

Ion Ratio Lower Upper

200 100

173 21.3 5.2 45.2

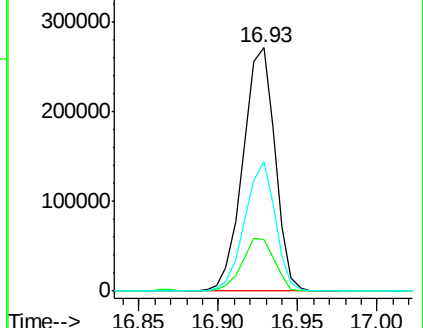
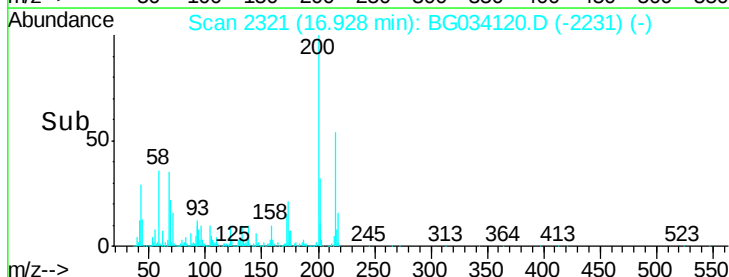
215 53.5 30.4 70.4

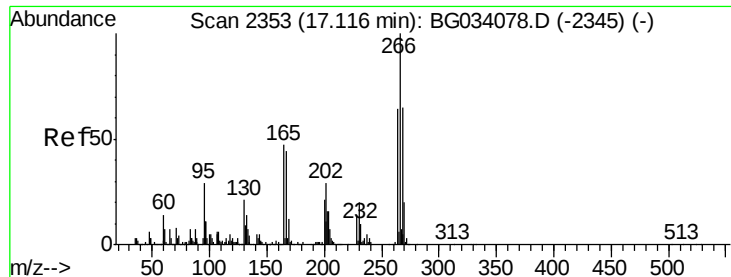


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 84.51 ng

RT: 17.11 min Scan# 2352

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

BNA_G

ClientSampleId :

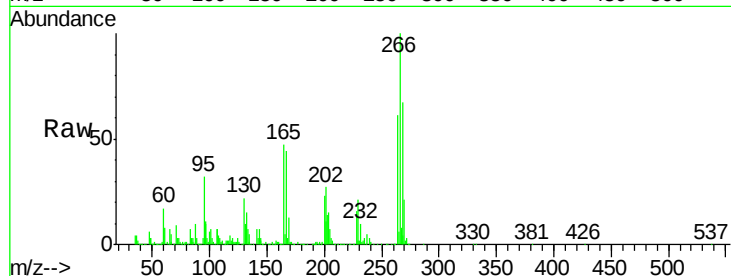
Tot Ion:266 Resp: 498482

Ion Ratio Lower Upper

266 100

268 67.3 51.1 76.7

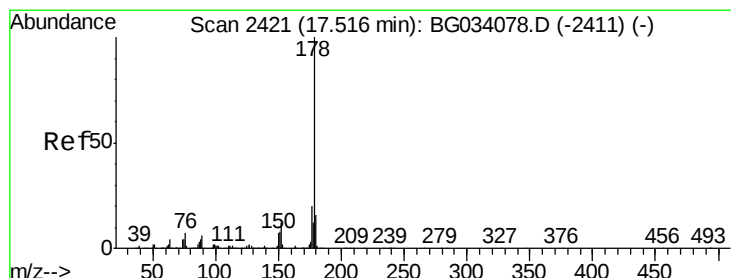
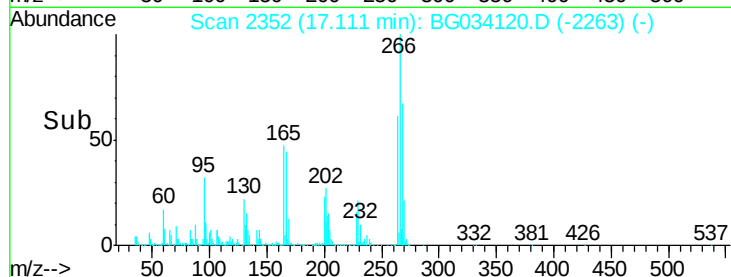
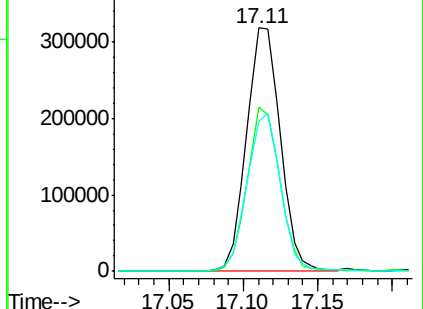
264 61.4 49.6 74.4



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: 42.49 ng

RT: 17.52 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

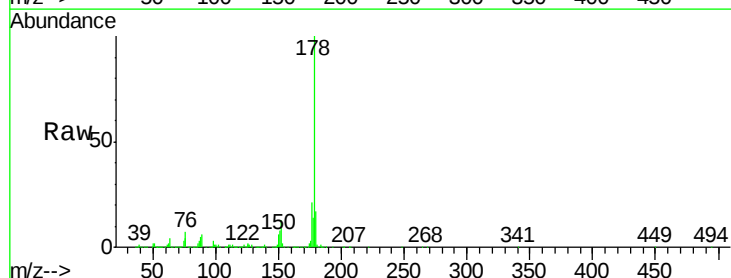
Tgt Ion:178 Resp: 1466139

Ion Ratio Lower Upper

178 100

176 21.1 15.7 23.5

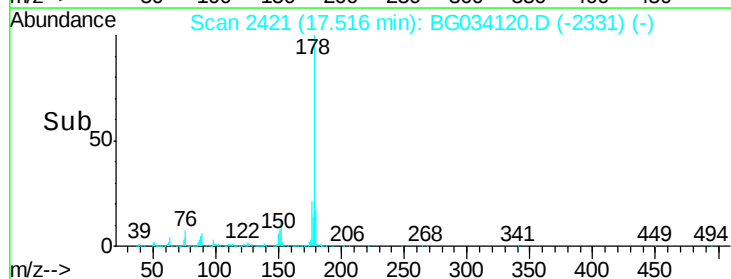
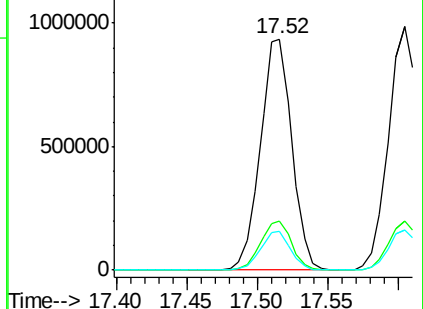
179 16.7 12.5 18.7

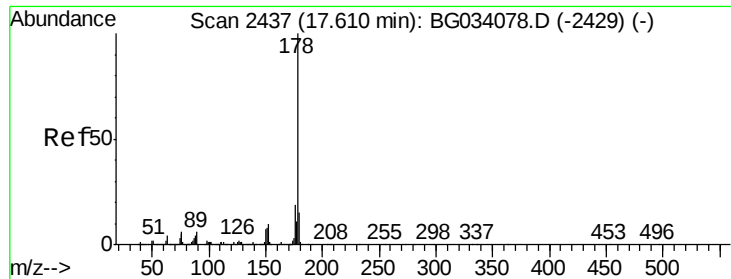


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

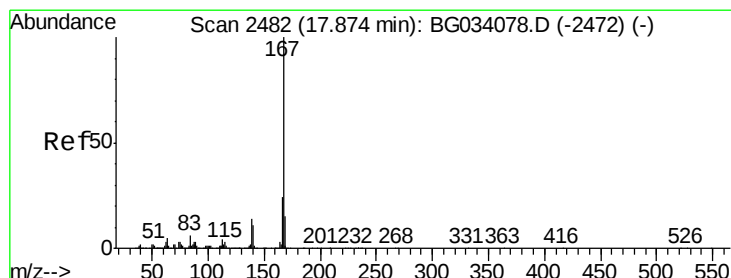
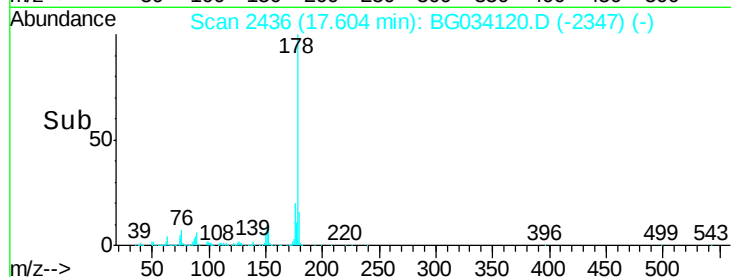
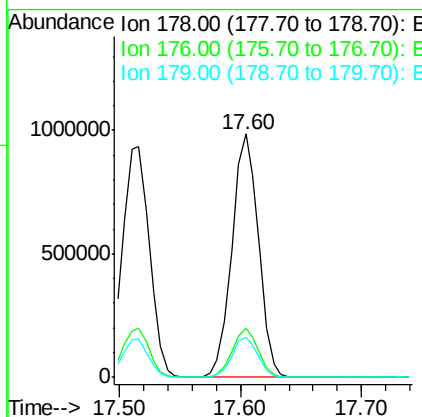
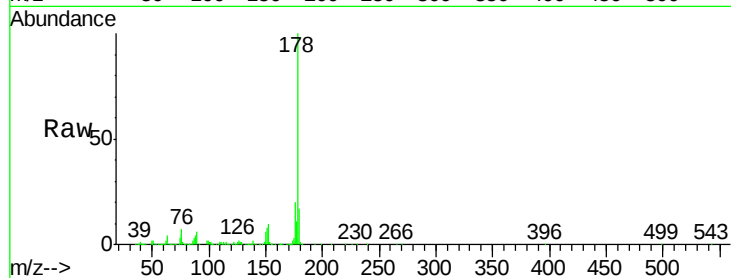




#71
 Anthracene
 Concen: 43.04 ng
 RT: 17.60 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

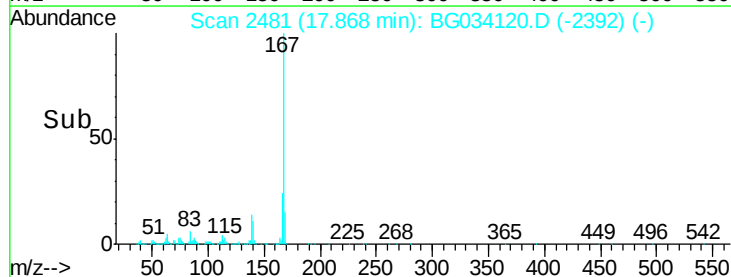
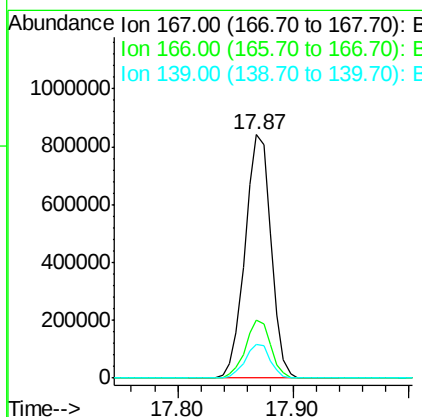
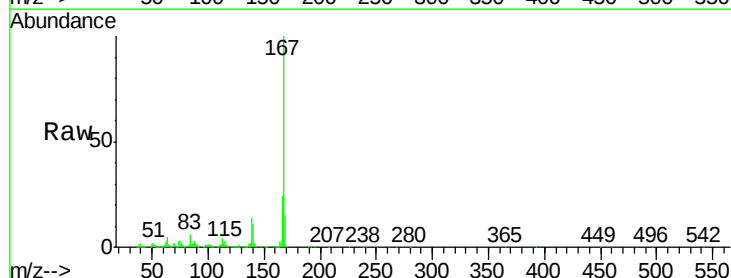
Instrument :
 BNA_G
 ClientSampleId :

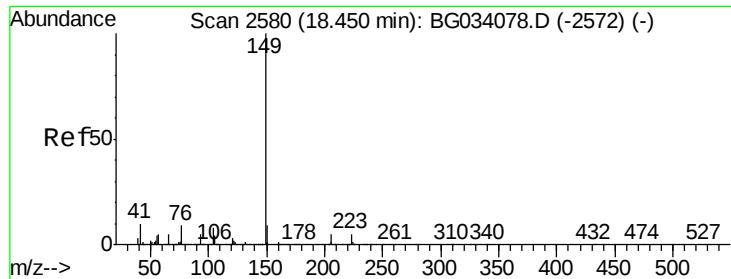
Tot Ion:178 Resp: 1505073
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 16.5 12.5 18.7



#72
 Carbazole
 Concen: 40.99 ng
 RT: 17.87 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Tgt Ion:167 Resp: 1312227
 Ion Ratio Lower Upper
 167 100
 166 24.1 18.2 27.4
 139 13.8 9.4 14.2





#73

Di-n-butylphthalate

Concen: 39.74 ng

RT: 18.44 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

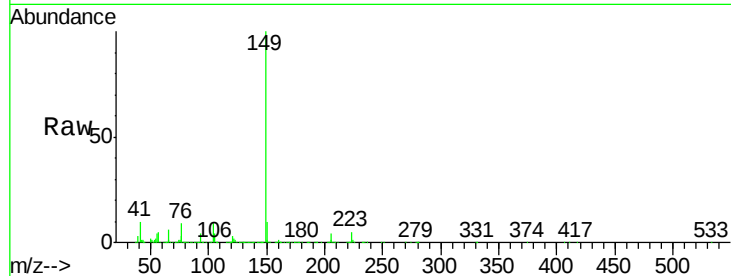
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 1531085

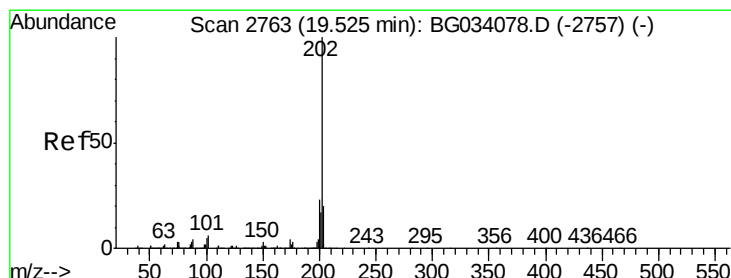
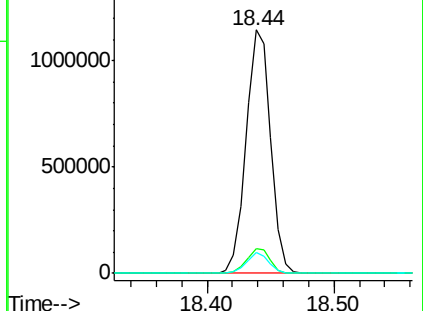
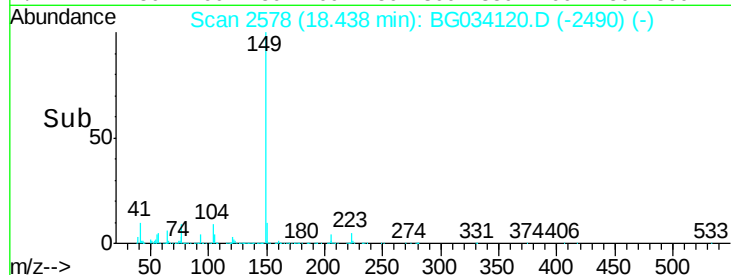
Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.8	11.6
104	8.6	3.9	5.9



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: 41.83 ng

RT: 19.52 min Scan# 2762

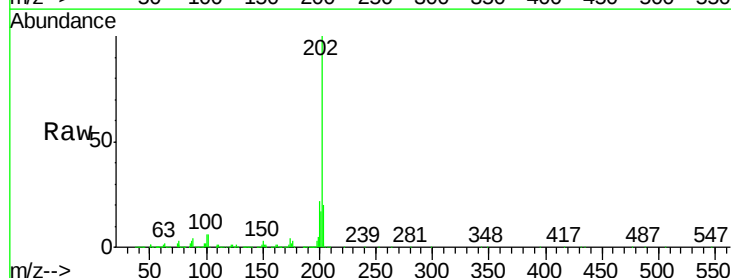
Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Tgt Ion:202 Resp: 1823692

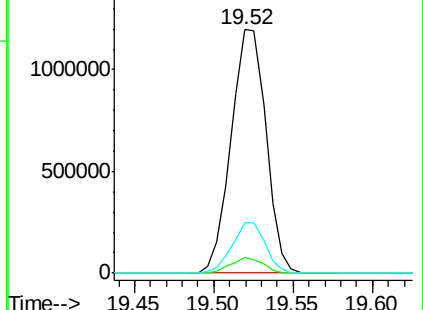
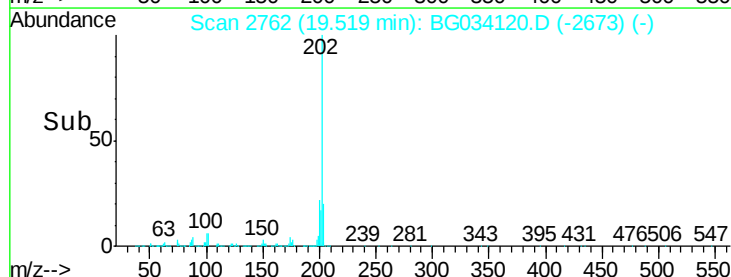
Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	28.9
203	20.5	0.0	37.5

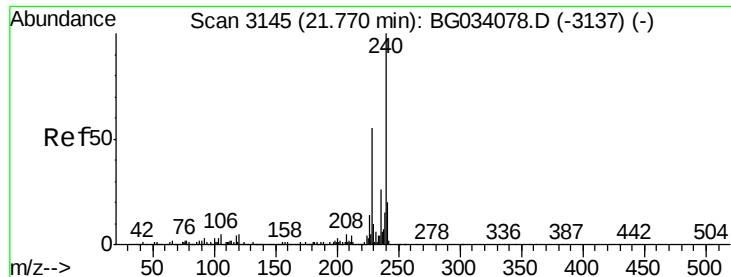


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG034120.D

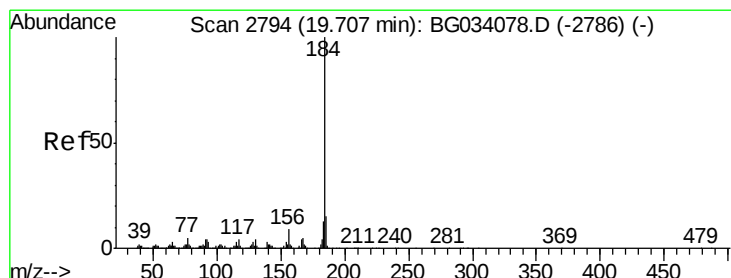
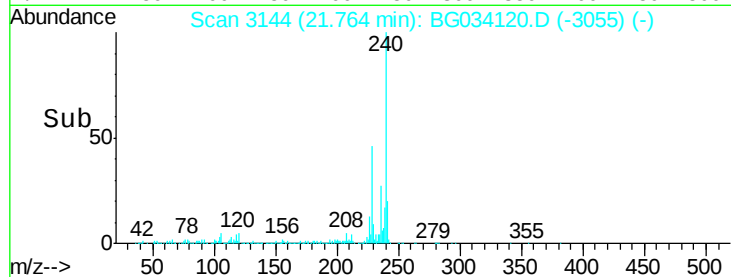
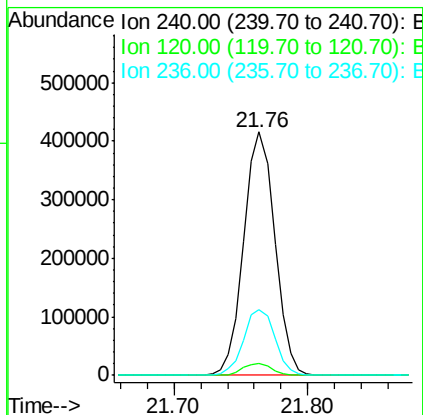
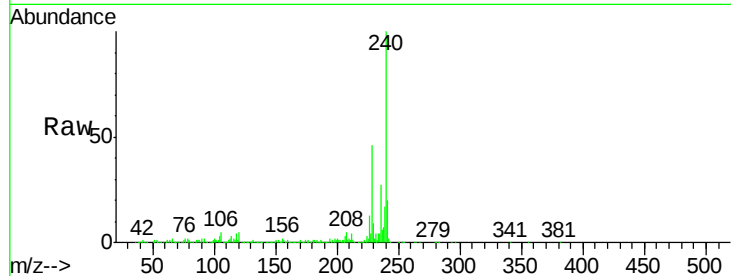
Acq: 2 May 2018 17:34

Instrument :

BNA_G

ClientSampled :

Tot Ion:240 Resp: 668600
 Ion Ratio Lower Upper
 240 100
 120 4.7 6.8 10.2#
 236 27.1 20.9 31.3



#76

Benzidine

Concen: 59.54 ng

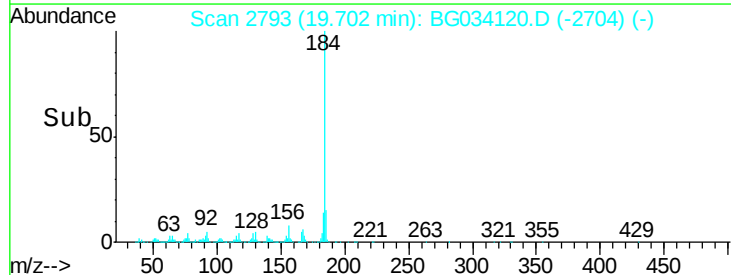
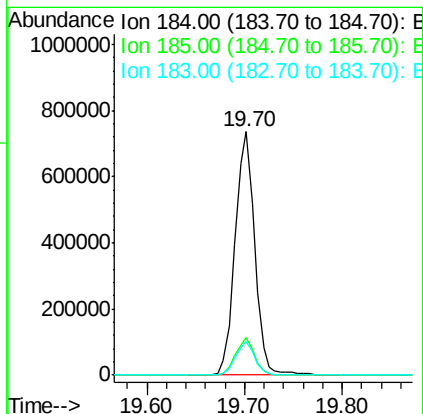
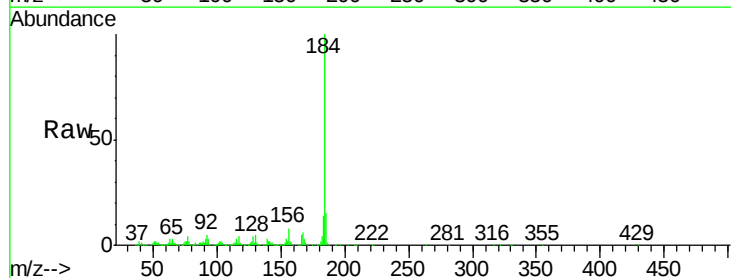
RT: 19.70 min Scan# 2793

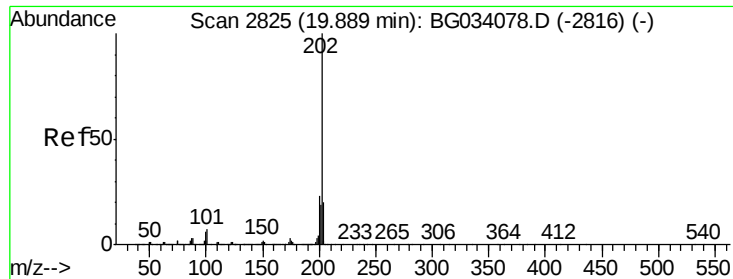
Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Tgt Ion:184 Resp: 1025484
 Ion Ratio Lower Upper
 184 100
 185 15.3 11.1 16.7
 183 13.8 10.6 16.0





#77

Pvrene

Concen: 43.54 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.37 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

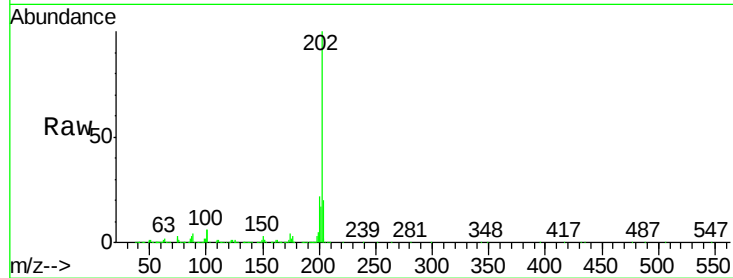
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1823692

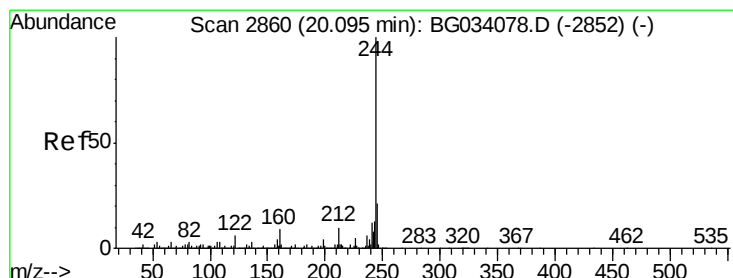
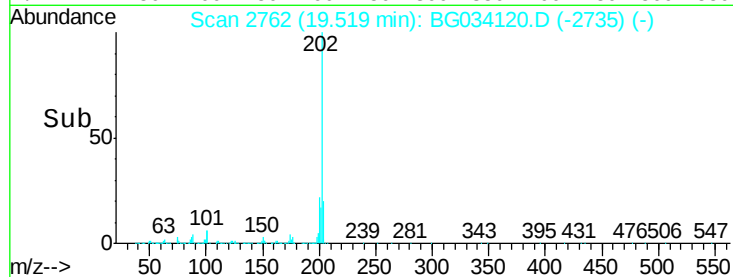
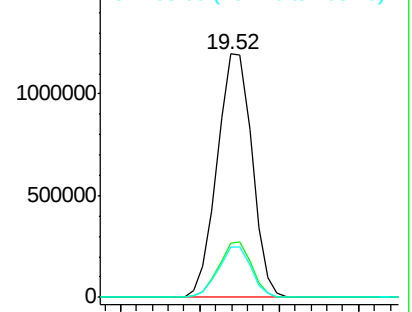
Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.9	25.3
203	20.5	13.9	20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 90.99 ng

RT: 20.09 min Scan# 2859

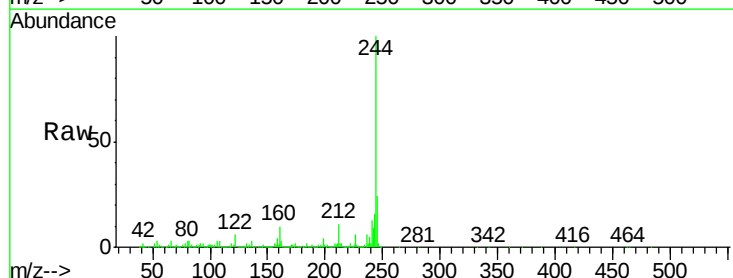
Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Tgt Ion:244 Resp: 2777189

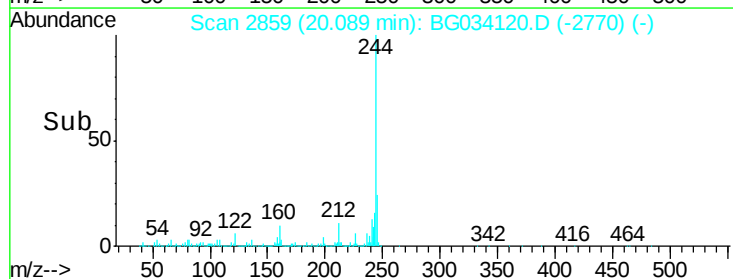
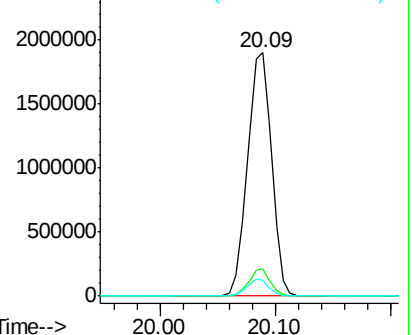
Ion	Ratio	Lower	Upper
244	100		
212	11.0	5.8	8.8#
122	6.3	7.0	10.4#

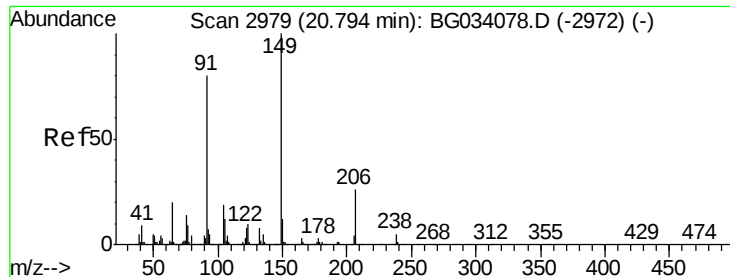


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

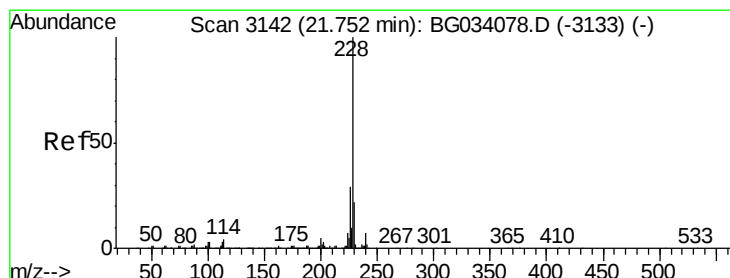
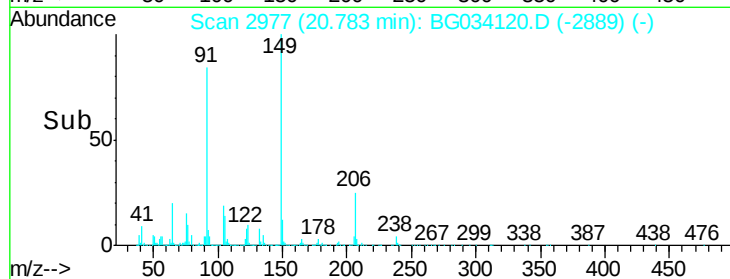
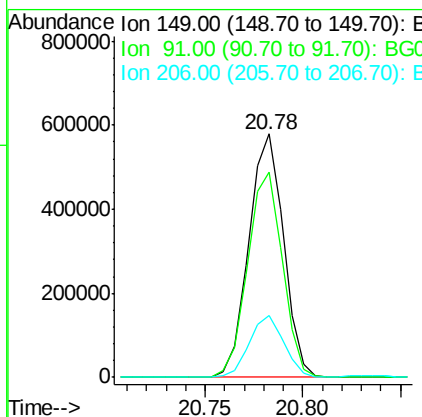
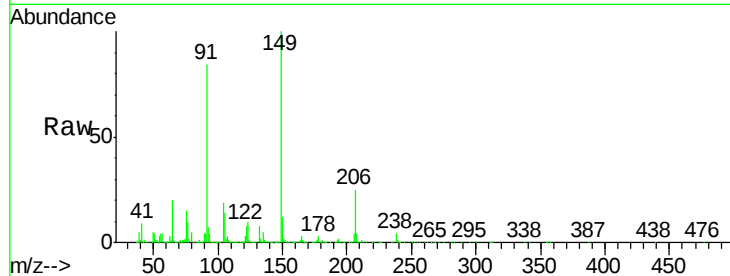




#79
Butylbenzylphthalate
Concen: 43.62 ng
RT: 20.78 min Scan# 2977
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

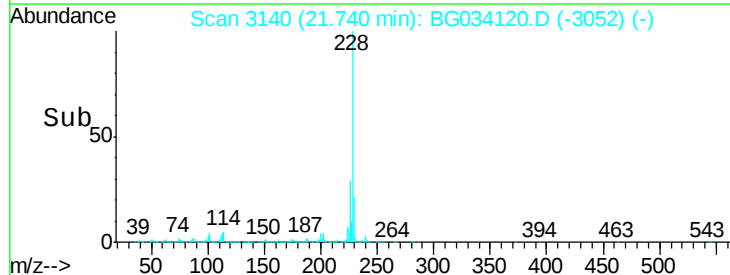
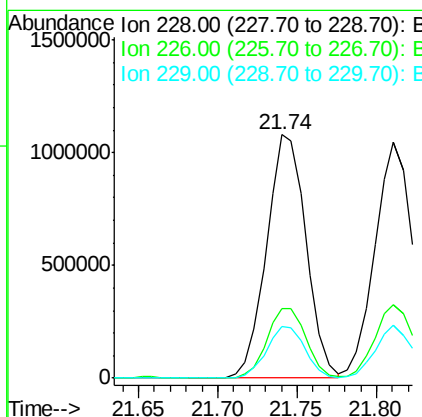
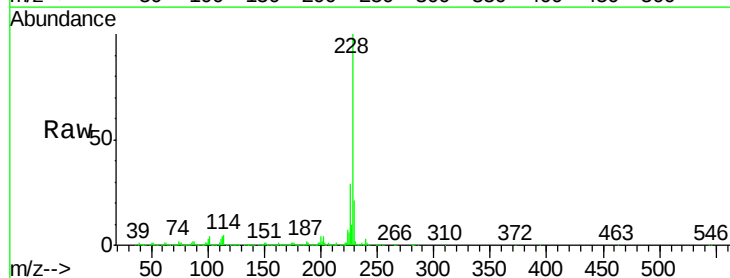
Instrument :
BNA_G
ClientSampleId :

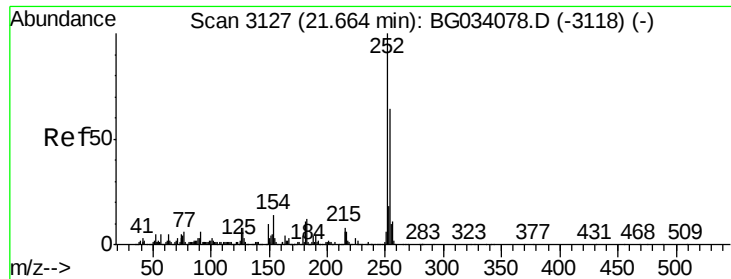
Tot Ion	Ratio	Lower	Upper
149	100		
91	84.3	62.2	93.2
206	25.3	18.6	27.8



#80
Benzo(a)anthracene
Concen: 43.56 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	21.2	16.2	24.2

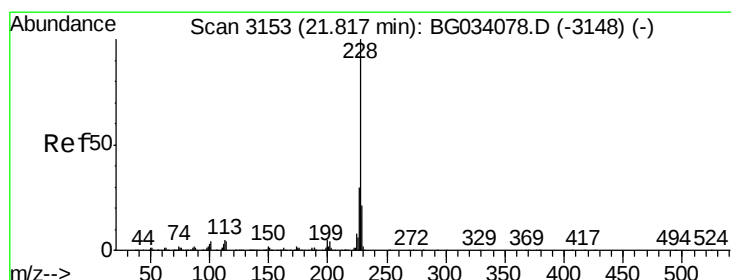
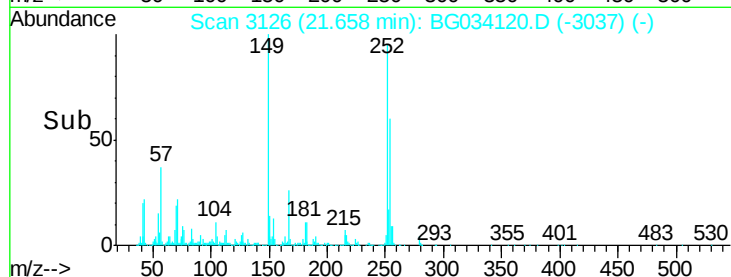
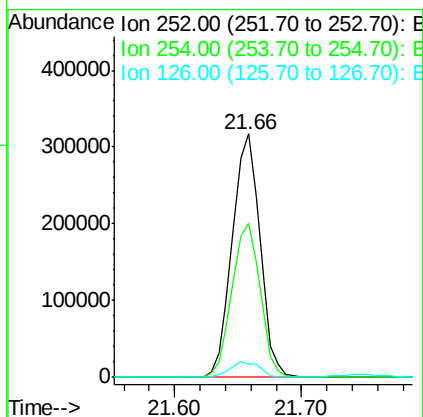
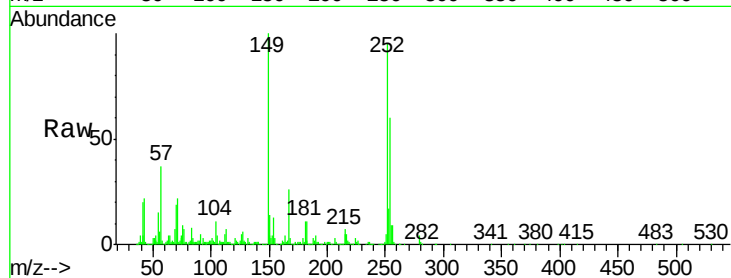




#81
 3,3'-Dichlorobenzidine
 Concen: 29.64 ng
 RT: 21.66 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

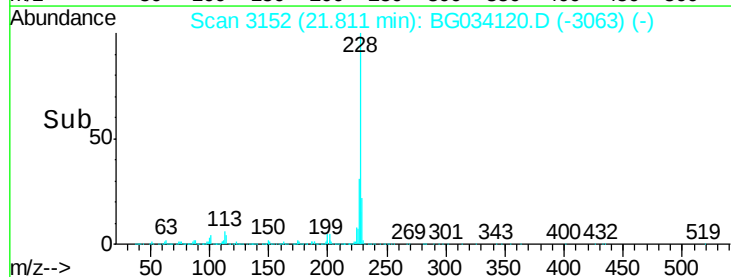
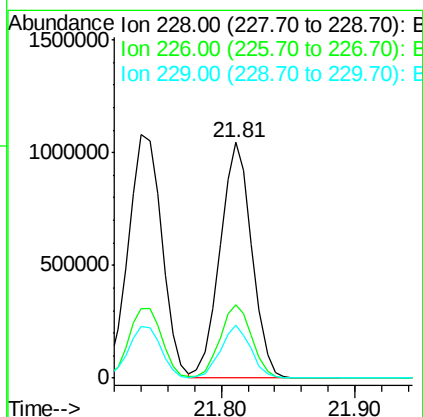
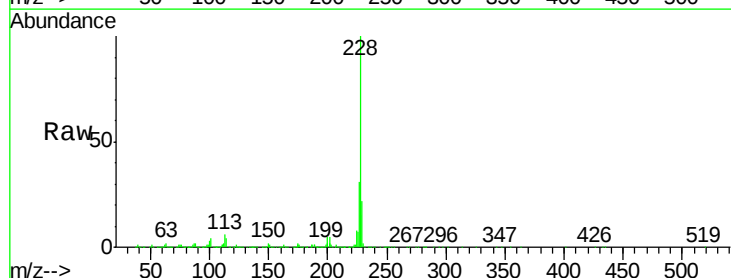
Instrument :
 BNA_G
 ClientSampleId :

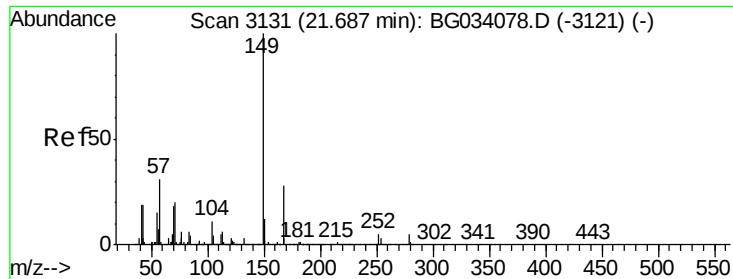
Tot Ion:252 Resp: 480247
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.8 76.2
 126 5.6 7.4 11.2#



#82
 Chrysene
 Concen: 42.35 ng
 RT: 21.81 min Scan# 3152
 Delta R.T. -0.01 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Tgt Ion:228 Resp: 1736682
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.9 37.3
 229 22.2 15.0 22.4

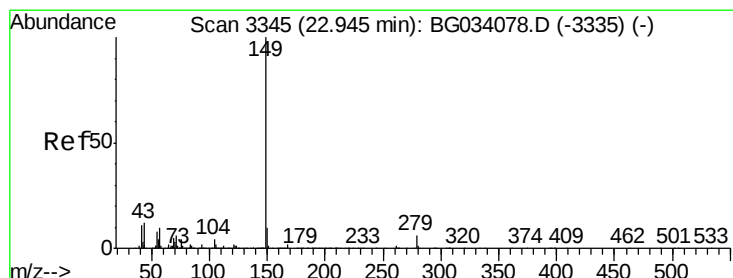
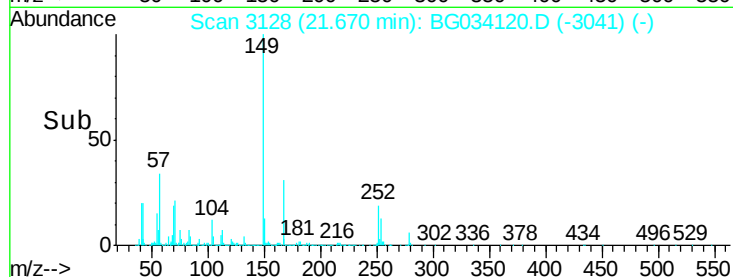
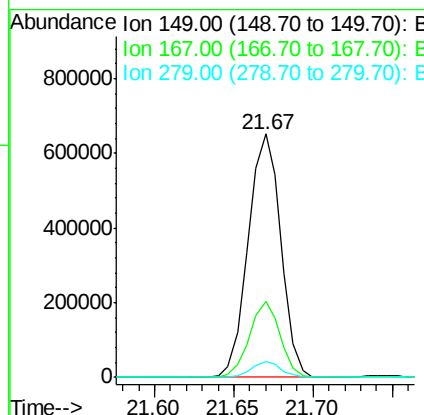
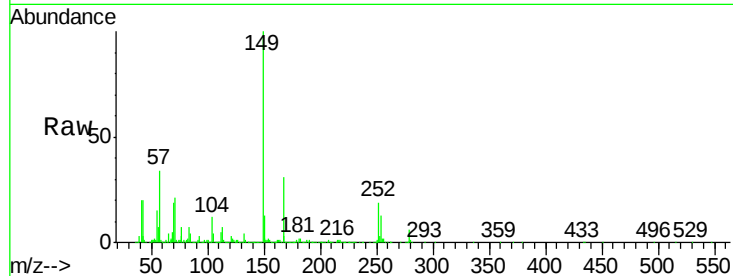




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.34 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.02 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

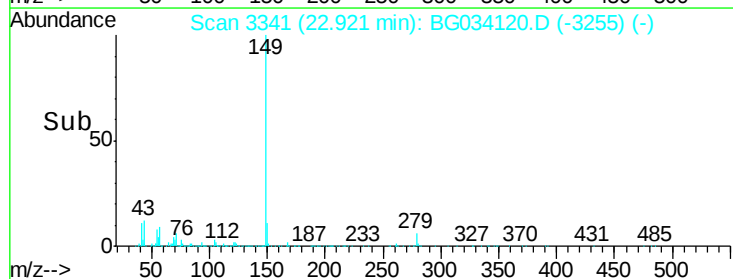
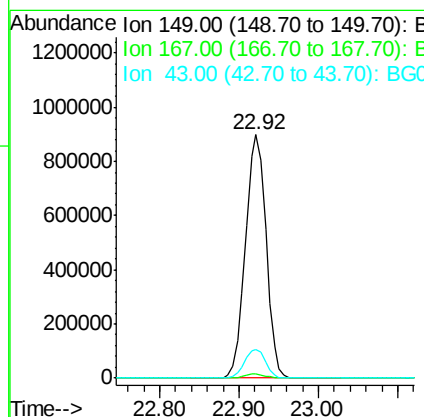
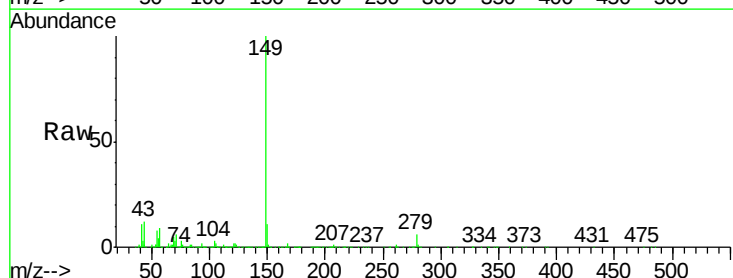
Instrument :
 BNA_G
 ClientSampleId :

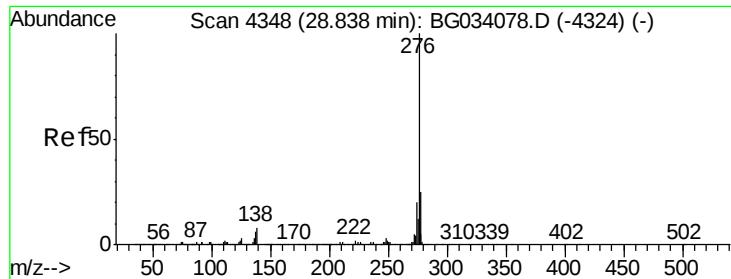
Tot Ion:149 Resp: 930465
 Ion Ratio Lower Upper
 149 100
 167 31.4 24.3 36.5
 279 6.5 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 45.07 ng
 RT: 22.92 min Scan# 3341
 Delta R.T. -0.02 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Tgt Ion:149 Resp: 1619923
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 12.1 8.9 13.3

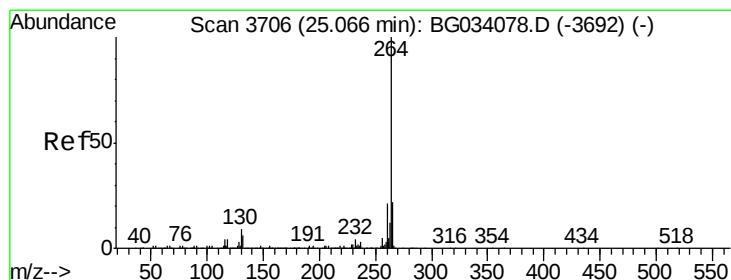
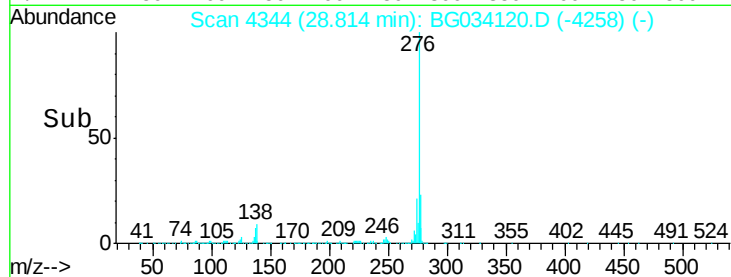
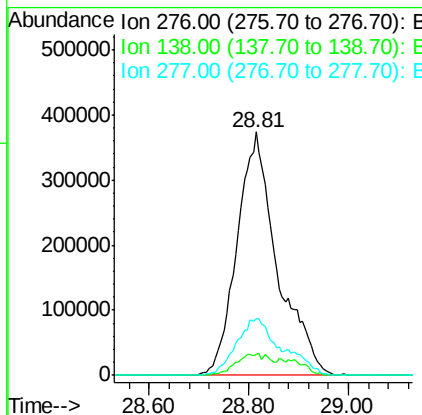
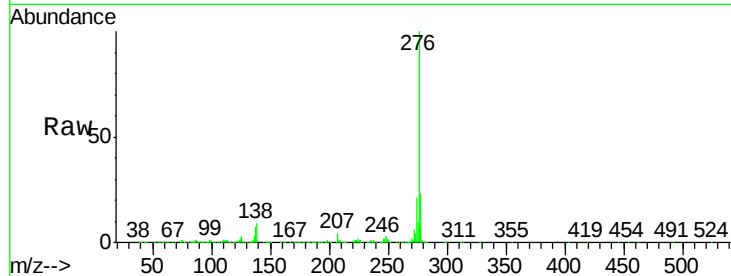




#85
Indeno(1,2,3-cd)pyrene
Concen: 46.50 ng
RT: 28.81 min Scan# 4344
Delta R.T. -0.02 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

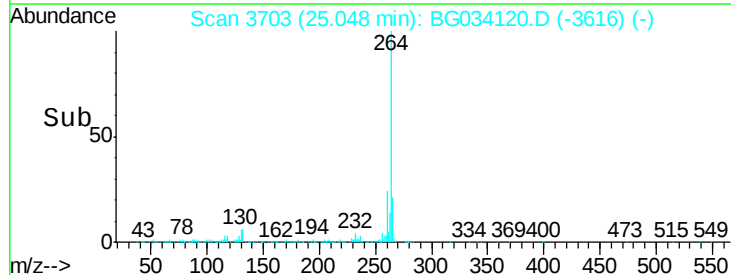
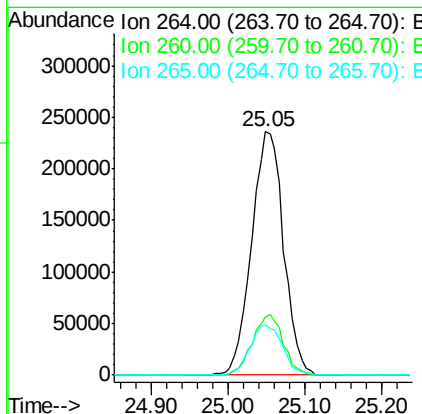
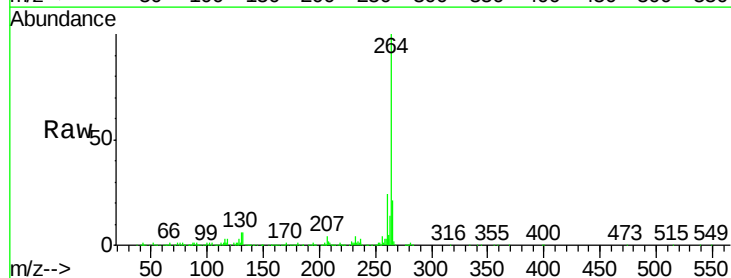
Instrument :
BNA_G
ClientSampleId :

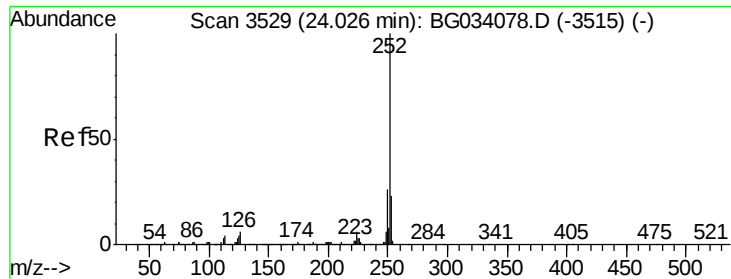
Tot Ion:276 Resp: 2098677
Ion Ratio Lower Upper
276 100
138 5.7 16.0 24.0#
277 26.4 20.0 30.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion:264 Resp: 684081
Ion Ratio Lower Upper
264 100
260 23.8 17.4 26.0
265 20.8 17.7 26.5

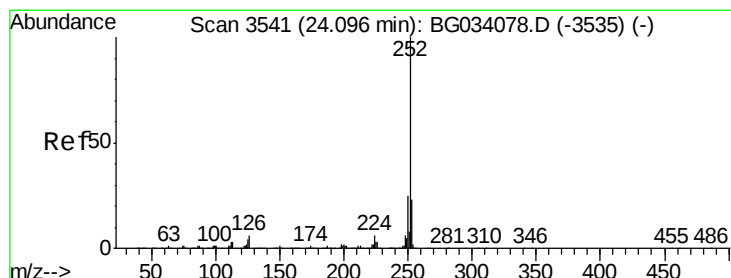
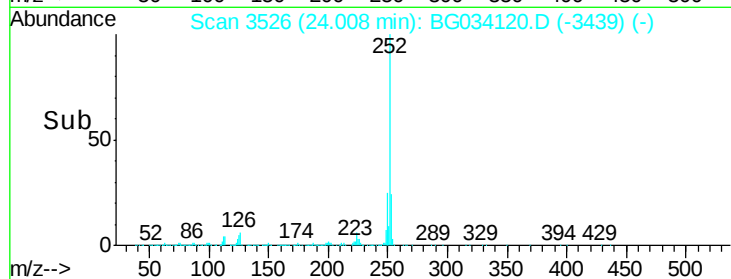
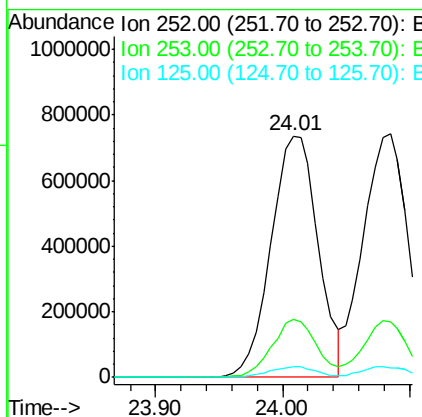
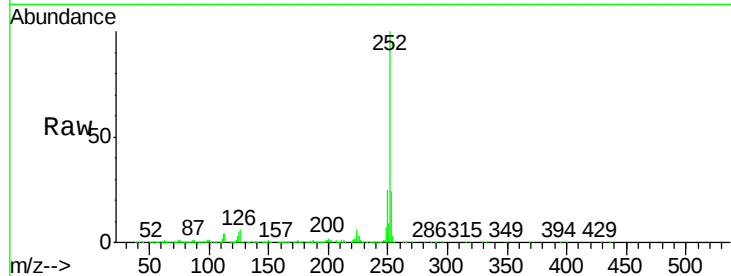




#87
Benzo(b)fluoranthene
Concen: 43.99 ng
RT: 24.01 min Scan# 3526
Delta R.T. -0.02 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

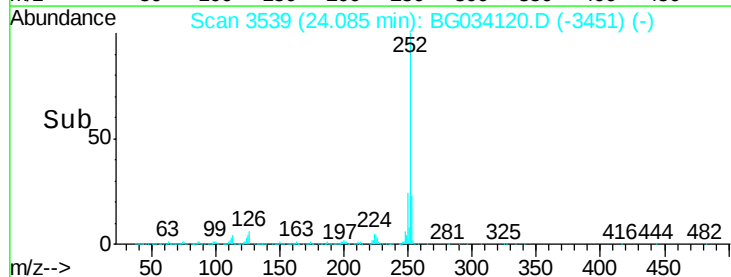
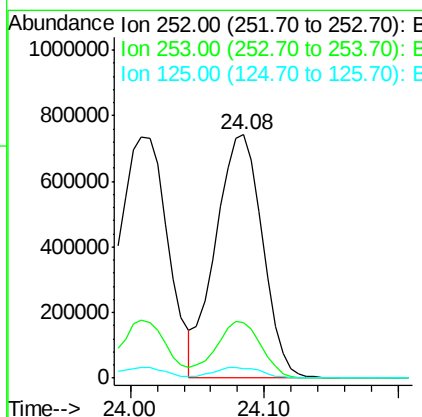
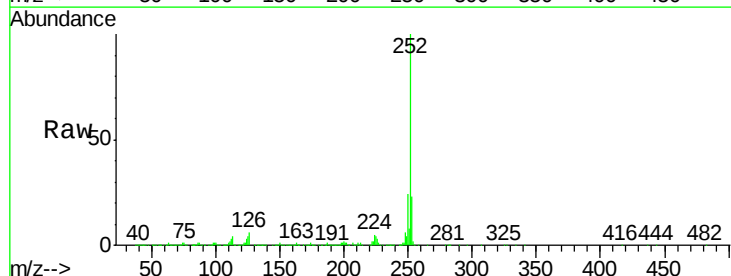
Instrument :
BNA_G
ClientSampleId :

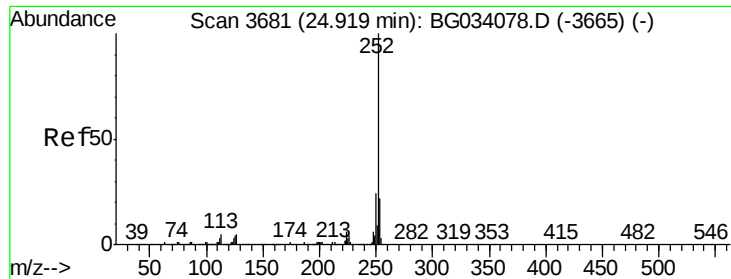
Tot Ion:252 Resp: 1900945
Ion Ratio Lower Upper
252 100
253 23.8 18.2 27.4
125 4.5 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 43.91 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion:252 Resp: 1813629
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 4.0 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 45.14 ng

RT: 24.90 min Scan# 3678

Delta R.T. -0.02 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

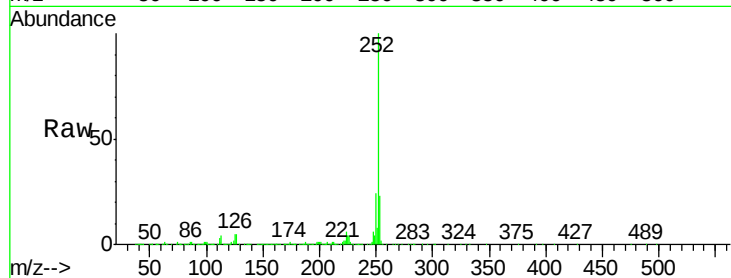
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1824981

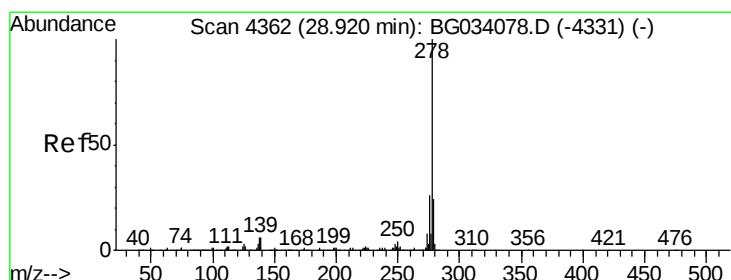
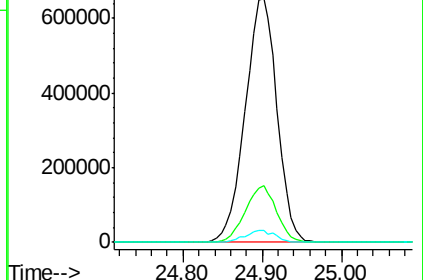
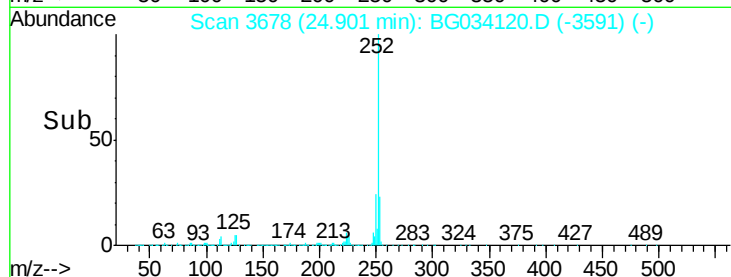
Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	4.9	7.3	10.9



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: 45.08 ng

RT: 28.89 min Scan# 4357

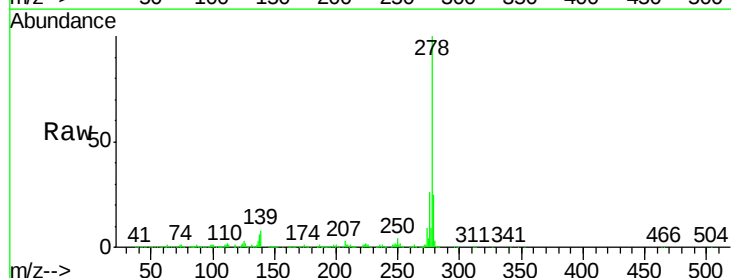
Delta R.T. -0.03 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Tgt Ion:278 Resp: 1718117

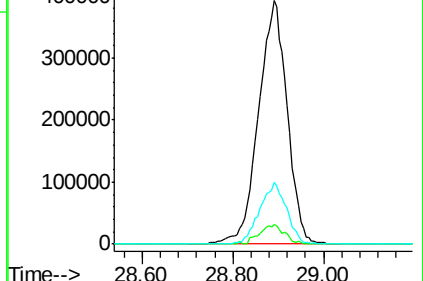
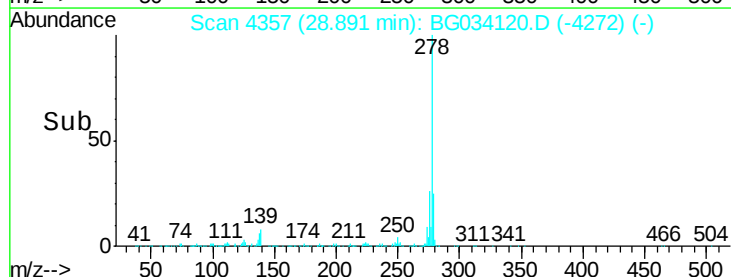
Ion	Ratio	Lower	Upper
278	100		
139	7.9	9.8	14.6
279	25.4	18.4	27.6

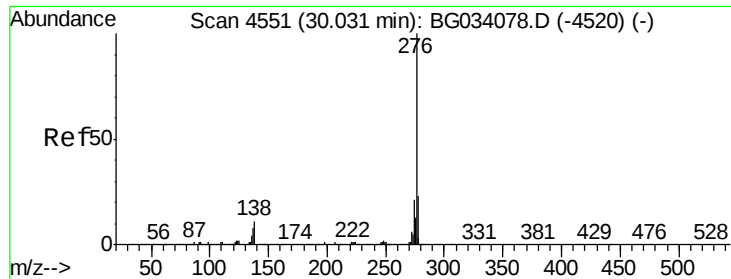


Abundance Ion 278.00 (277.70 to 278.70): E

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: 45.57 ng
 RT: 29.98 min Scan# 4543
 Delta R.T. -0.05 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1711809
 Ion Ratio Lower Upper
 276 100
 277 24.4 18.3 27.5
 138 9.6 13.9 20.9#

