

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034106.D
 Acq On : 2 May 2018 8:39
 Operator : SJ/JU
 Sample : J2133-09
 Misc : 5PPM MDL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 02 12:48:16 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	62937	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	253001	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	191694	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	505636	20.00	ng	0.00
75) Chrysene-d12	21.76	240	606125	20.00	ng	0.00
86) Perylene-d12	25.06	264	581110	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	532245	136.63	ng	0.00
7) Phenol-d6	7.22	99	775241	127.83	ng	0.00
23) Nitrobenzene-d5	9.23	82	557117	84.49	ng	0.00
41) 2,4,6-Tribromophenol	16.20	330	349703	131.74	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1142958	86.88	ng	0.00
78) Terphenyl-d14	20.09	244	2224992	80.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	9238	5.647	ng	# 73
3) Pyridine	3.96	79	25316	4.932	ng	# 78
4) n-Nitrosodimethylamine	3.88	42	14511	5.185	ng	# 77
6) Aniline	7.39	93	41475	5.028	ng	91
8) 2-Chlorophenol	7.64	128	21927	5.641	ng	90
9) Benzaldehyde	7.21	77	16576	2.720	ng	# 65
10) Phenol	7.25	94	28959	4.734	ng	86
11) bis(2-Chloroethyl)ether	7.49	93	23191	4.816	ng	95
12) 1,3-Dichlorobenzene	8.12	146	24758	5.034	ng	94
13) 1,4-Dichlorobenzene	8.12	146	24758	5.069	ng	94
14) 1,2-Dichlorobenzene	8.12	146	24758	5.337	ng	98
15) Benzyl Alcohol	8.31	79	29039	4.489	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	8.60	45	34145	5.154	ng	89
17) 2-Methylphenol	8.51	107	20847	5.180	ng	# 83
18) Hexachloroethane	9.16	117	10162	4.891	ng	93
19) n-Nitroso-di-n-propylamine	8.88	70	25830	4.743	ng	# 86
20) 3+4-Methylphenols	8.83	107	27049	4.538	ng	85
22) Acetophenone	8.89	105	42098	4.885	ng	# 91
24) Nitrobenzene	9.27	77	37801	5.237	ng	# 78
25) Isophorone	9.80	82	62417	4.640	ng	97
26) 2-Nitrophenol	9.99	139	10173	5.091	ng	# 87
27) 2,4-Dimethylphenol	10.04	122	18488	4.773	ng	93
28) bis(2-Chloroethoxy)methane	10.29	93	32642	4.940	ng	# 92
29) 2,4-Dichlorophenol	10.52	162	20516	4.431	ng	91
30) 1,2,4-Trichlorobenzene	10.75	180	30445	5.461	ng	# 77
31) Naphthalene	10.94	128	68607	5.159	ng	# 93
32) Benzoic acid	10.23	122	675	3.320	ng	# 16
33) 4-Chloroaniline	11.04	127	30878	5.149	ng	95
34) Hexachlorobutadiene	11.23	225	25655	5.436	ng	98
35) Caprolactam	11.78	113	7589	4.614	ng	# 88
36) 4-Chloro-3-methylphenol	12.15	107	26904	4.481	ng	93
37) 2-Methylnaphthalene	12.55	142	55057	5.106	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	39062	5.266	ng	96
40) Hexachlorocyclopentadiene	12.89	237	20459	4.655	ng	93

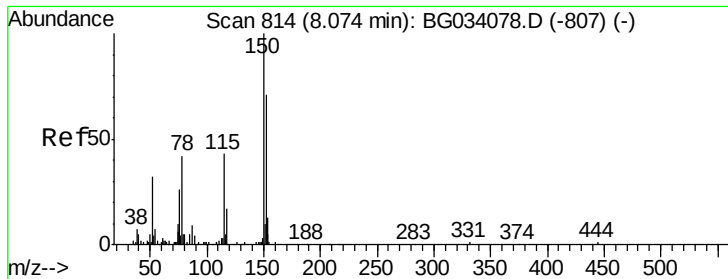
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034106.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	20042	4.650	ng	98
43) 2,4,5-Trichlorophenol	13.21	196	25142	5.277	ng #	92
45) 1,1'-Biphenyl	13.55	154	76427	5.104	ng	98
46) 2-Chloronaphthalene	13.59	162	58923	5.197	ng	92
47) 2-Nitroaniline	13.79	65	18380	4.055	ng #	85
48) Acenaphthylene	14.43	152	93293	5.154	ng #	92
49) Dimethylphthalate	14.17	163	83082	4.998	ng #	96
50) 2,6-Dinitrotoluene	14.29	165	15158	4.748	ng	95
51) Acenaphthene	14.78	154	62789	5.104	ng	92
52) 3-Nitroaniline	14.61	138	14536	4.517	ng	84
53) 2,4-Dinitrophenol	14.80	184	5329	4.267	ng #	78
54) Dibenzofuran	15.11	168	92931	5.211	ng	92
55) 4-Nitrophenol	14.89	139	10224	4.163	ng #	59
56) 2,4-Dinitrotoluene	15.06	165	16634	3.837	ng #	89
57) Fluorene	15.77	166	82711	5.321	ng	93
58) 2,3,4,6-Tetrachlorophenol	15.34	232	22426	4.550	ng #	40
59) Diethylphthalate	15.54	149	87707	4.986	ng	94
60) 4-Chlorophenyl-phenylether	15.76	204	46524	5.031	ng	89
61) 4-Nitroaniline	15.77	138	17120	5.016	ng #	76
62) Azobenzene	16.06	77	94912	4.995	ng	94
64) 4,6-Dinitro-2-methylphenol	15.83	198	10094	4.246	ng #	70
65) n-Nitrosodiphenylamine	15.97	169	69257	5.023	ng	97
66) 4-Bromophenyl-phenylether	16.66	248	30540	4.865	ng #	84
67) Hexachlorobenzene	16.77	284	33715	5.291	ng	95
68) Atrazine	16.92	200	22658	3.612	ng	93
69) Pentachlorophenol	17.11	266	17748	3.996	ng	93
70) Phenanthrene	17.51	178	136364	5.248	ng	99
71) Anthracene	17.51	178	136364	5.179	ng	98
72) Carbazole	17.86	167	120909	5.016	ng	93
73) Di-n-butylphthalate	18.44	149	154643	5.330	ng #	96
74) Fluoranthene	19.52	202	174959	5.329	ng	96
76) Benzidine	19.70	184	57056	3.654	ng	97
77) Pyrene	19.88	202	190158	5.007	ng	99
79) Butylbenzylphthalate	20.78	149	69085	4.660	ng	98
80) Benzo(a)anthracene	21.74	228	198963	5.122	ng	95
81) 3,3'-Dichlorobenzidine	21.65	252	66464	4.525	ng #	90
82) Chrysene	21.81	228	196603	5.288	ng	96
83) Bis(2-ethylhexyl)phthalate	21.67	149	95346	4.673	ng #	95
84) Di-n-octyl phthalate	22.92	149	146356	4.491	ng	99
85) Indeno(1,2,3-cd)pyrene	28.81	276	169918	4.153	ng #	82
87) Benzo(b)fluoranthene	24.00	252	175982	4.794	ng	98
88) Benzo(k)fluoranthene	24.00	252	175982	5.016	ng	98
89) Benzo(a)pyrene	24.89	252	175681	5.115	ng #	93
90) Dibenzo(a,h)anthracene	28.87	278	154197	4.763	ng #	92
91) Benzo(g,h,i)perylene	29.96	276	162141	5.081	ng #	88

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

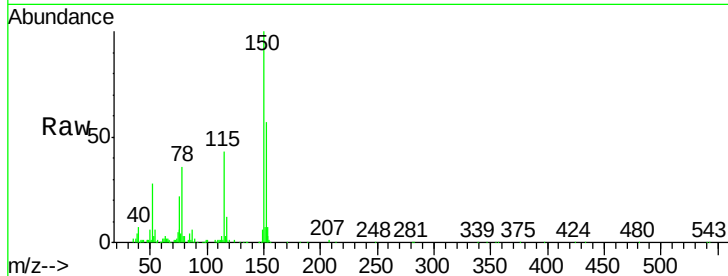


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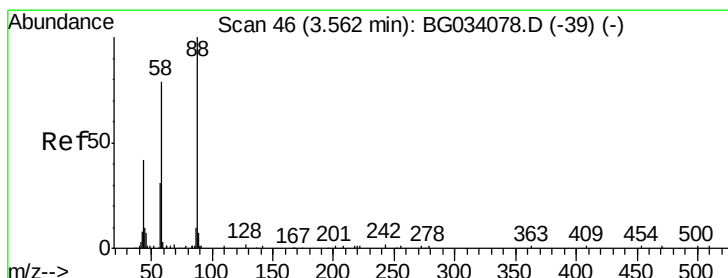
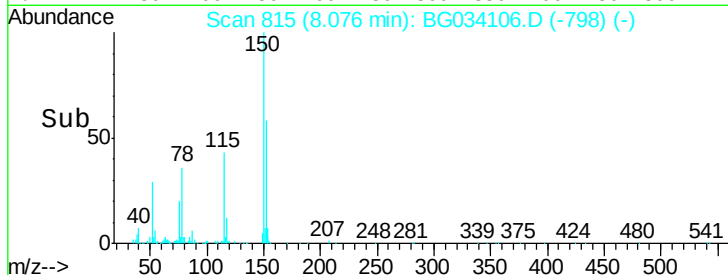
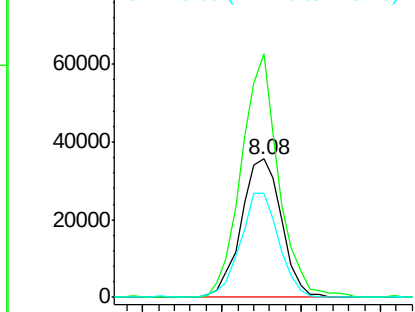
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. 0.00 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	176.3	126.6	189.8
115	75.2	53.0	79.4



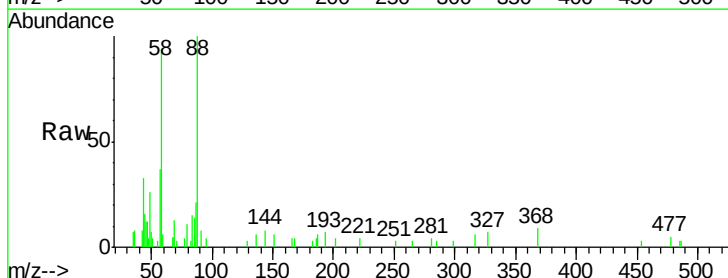
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



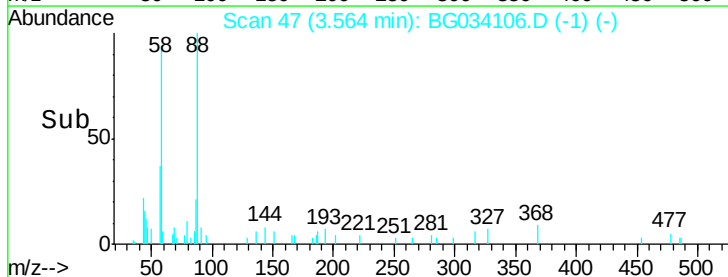
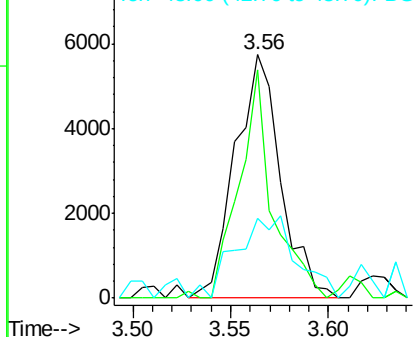
#2

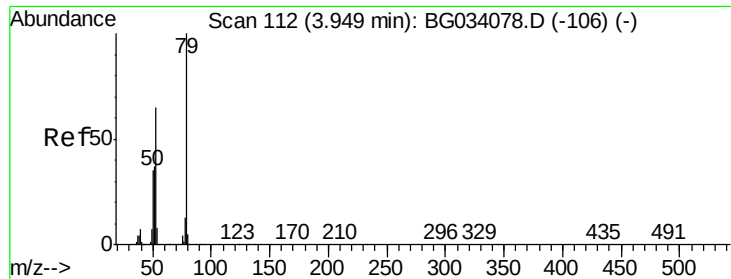
1,4-Dioxane
Concen: 5.647 ng
RT: 3.56 min Scan# 47
Delta R.T. 0.00 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.8	79.6	119.4#
43	44.9	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: 4.932 ng

RT: 3.96 min Scan# 114

Delta R.T. 0.01 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Instrument :

BNA_G

ClientSampleId :

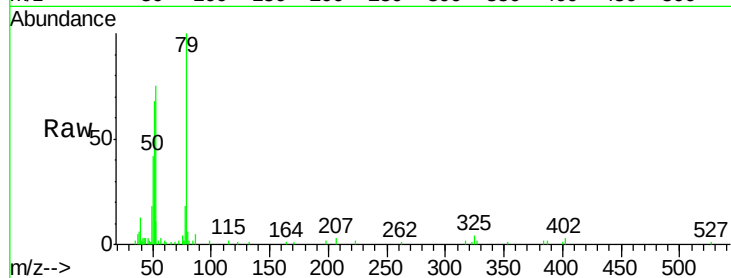
Tot Ion: 79 Resp: 25316

Ion Ratio Lower Upper

79 100

52 75.0 69.9 104.9

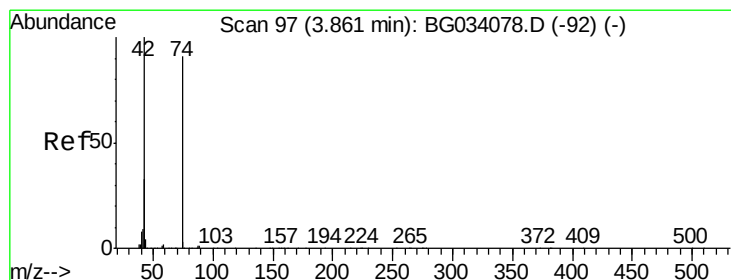
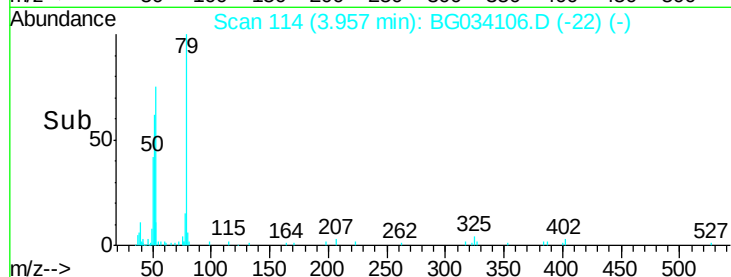
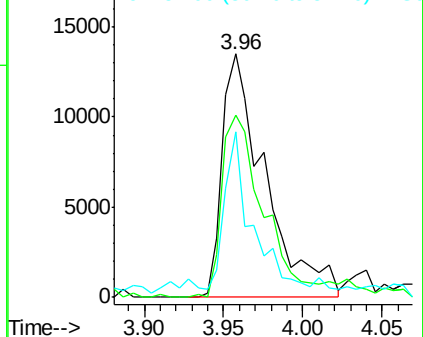
51 67.9 34.0 51.0#



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: 5.185 ng

RT: 3.88 min Scan# 100

Delta R.T. 0.01 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

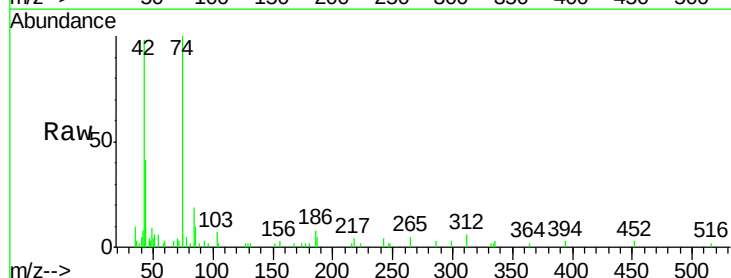
Tgt Ion: 42 Resp: 14511

Ion Ratio Lower Upper

42 100

74 102.5 102.5 153.7

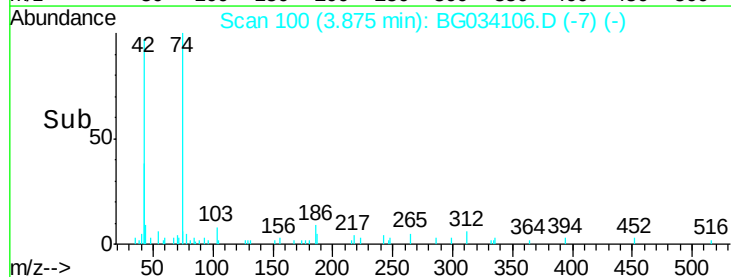
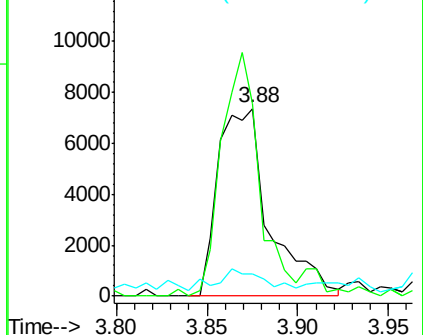
44 11.5 18.9 28.3#

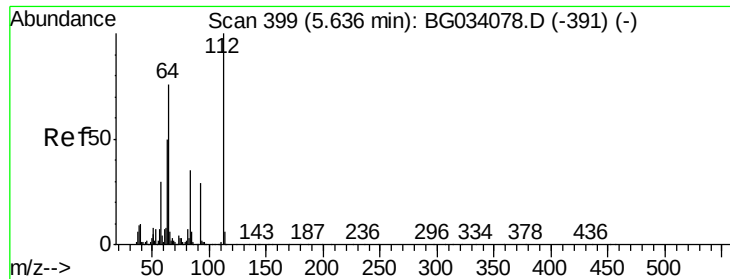


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 136.630 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Instrument :

BNA_G

ClientSampleId :

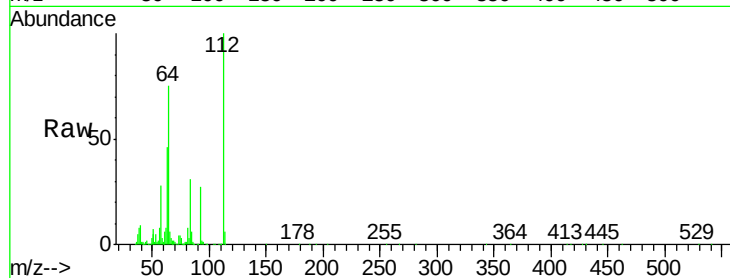
Tot Ion:112 Resp: 532245

Ion Ratio Lower Upper

112 100

64 74.5 56.3 84.5

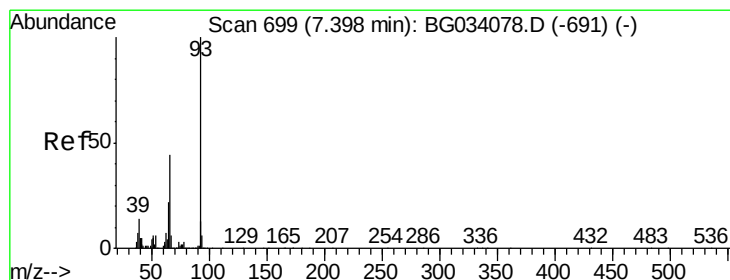
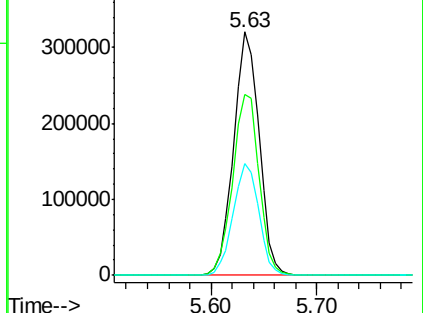
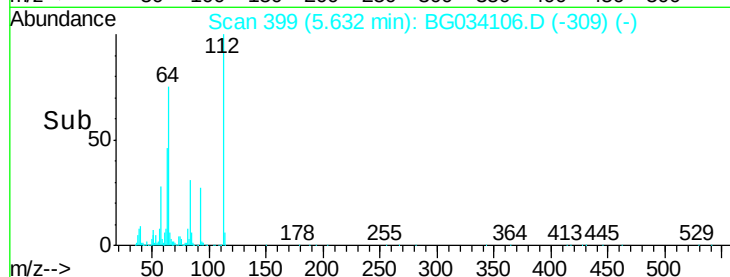
63 45.8 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 5.028 ng

RT: 7.39 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

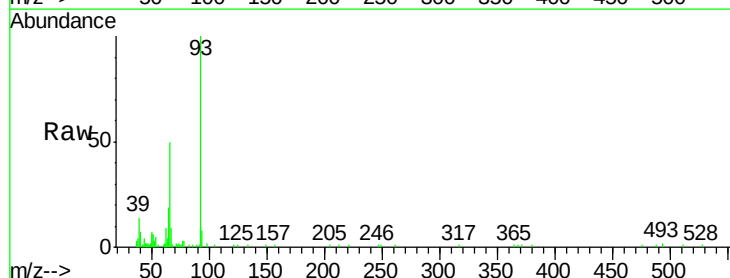
Tgt Ion: 93 Resp: 41475

Ion Ratio Lower Upper

93 100

66 50.0 33.7 50.5

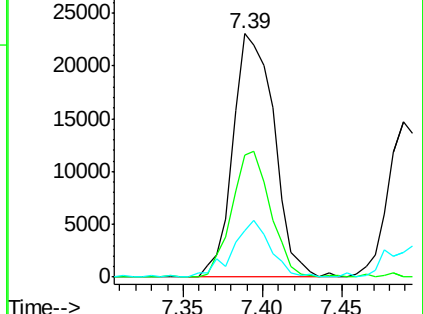
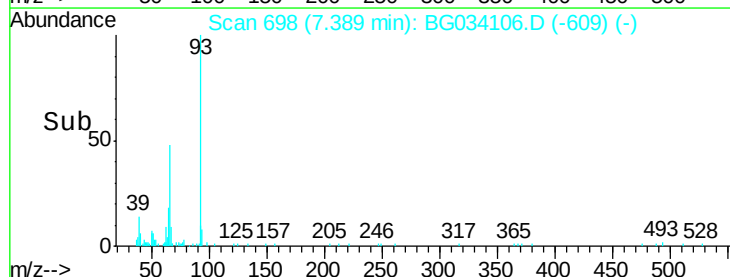
65 19.3 16.1 24.1

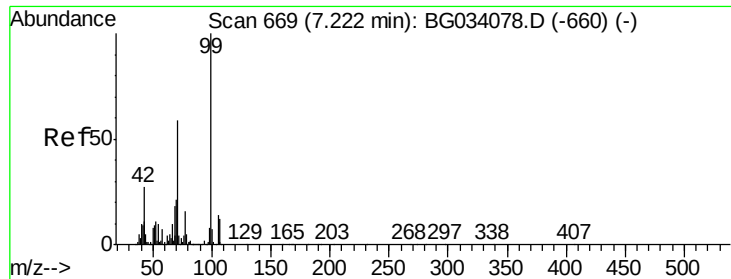


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 127.831 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Instrument :

BNA_G

ClientSampleId :

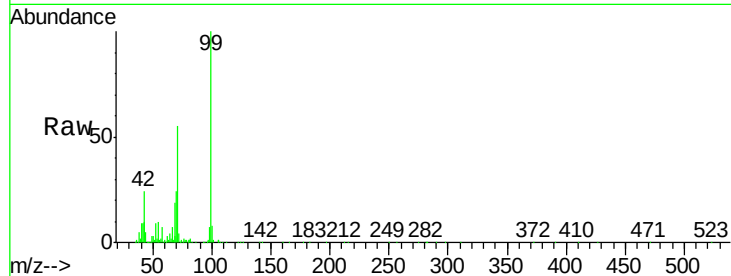
Tot Ion: 99 Resp: 775241

Ion Ratio Lower Upper

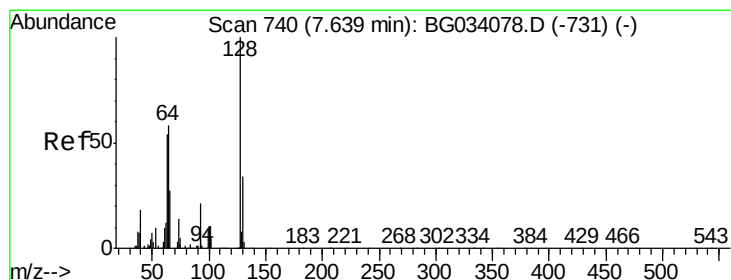
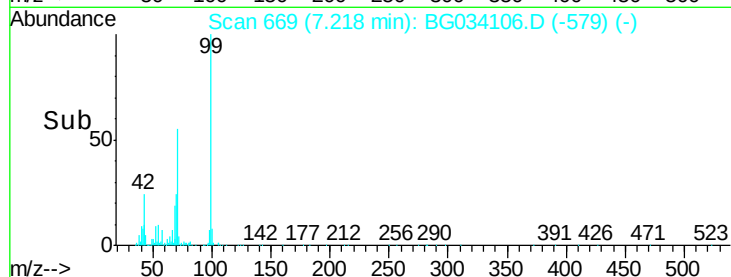
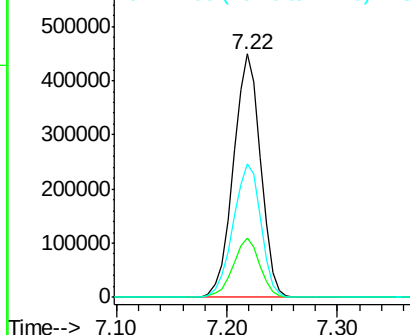
99 100

42 24.2 14.1 21.1#

71 55.0 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 5.641 ng

RT: 7.64 min Scan# 740

Delta R.T. -0.00 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

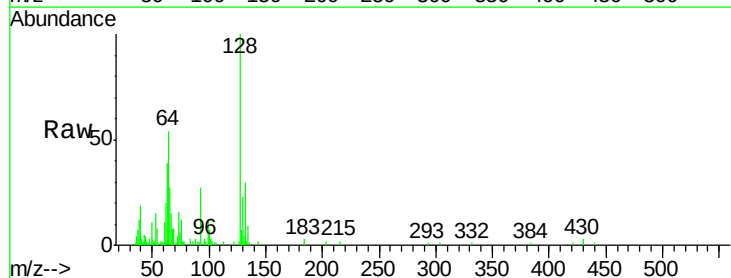
Tgt Ion: 128 Resp: 21927

Ion Ratio Lower Upper

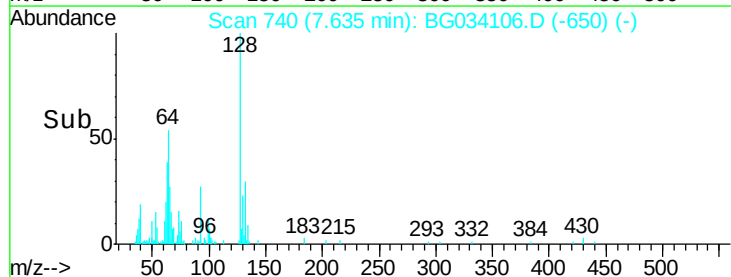
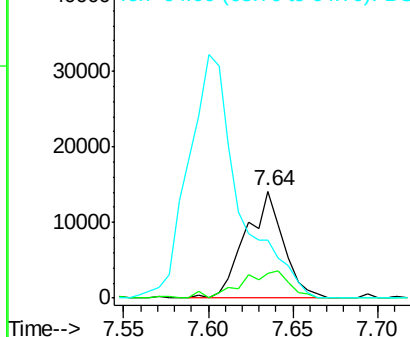
128 100

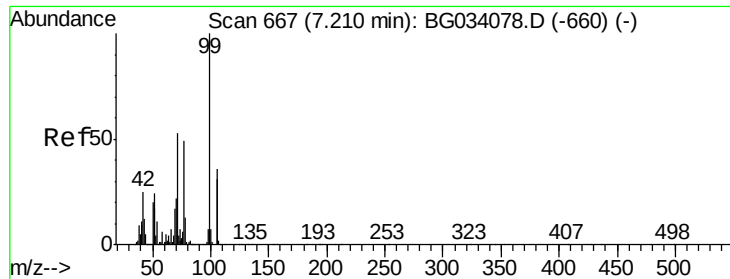
130 23.3 14.0 54.0

64 54.0 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 2.720 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Instrument :

BNA_G

ClientSampleId :

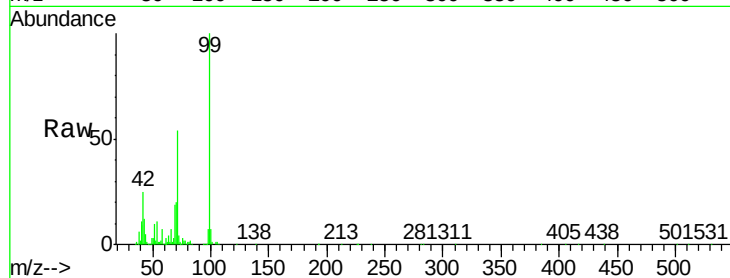
Tot Ion: 77 Resp: 16576

Ion Ratio Lower Upper

77 100

105 51.7 71.3 111.3#

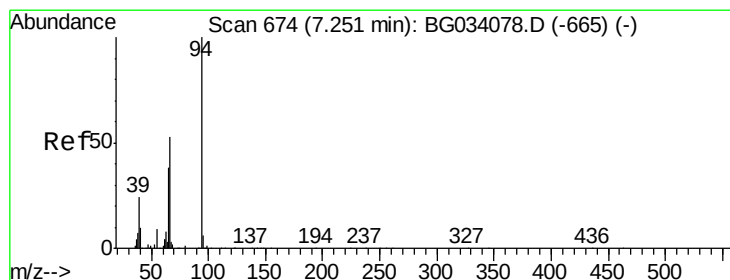
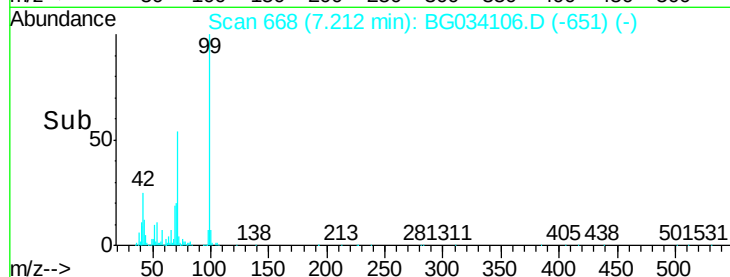
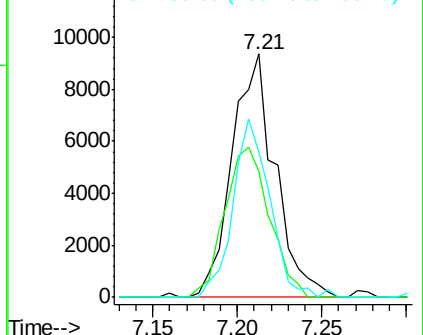
106 59.5 64.2 104.2#



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: 4.734 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

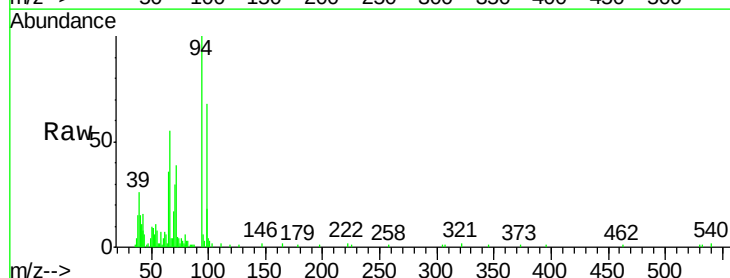
Tgt Ion: 94 Resp: 28959

Ion Ratio Lower Upper

94 100

65 36.1 11.9 51.9

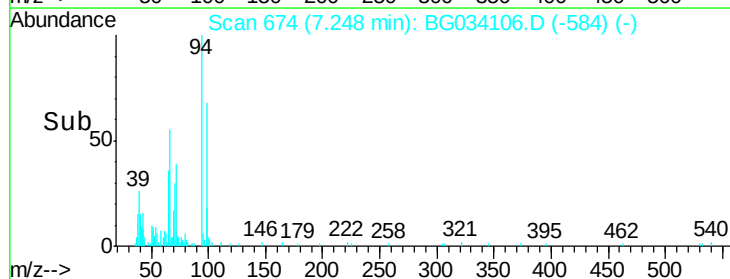
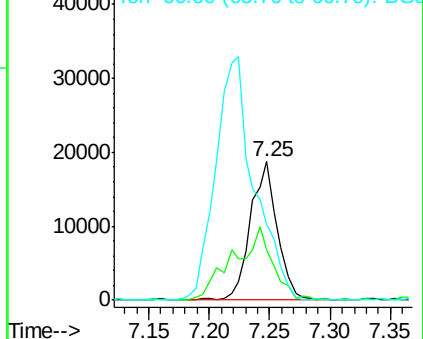
66 54.6 22.2 62.2

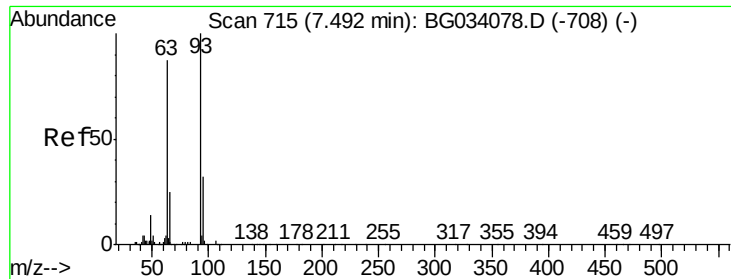


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

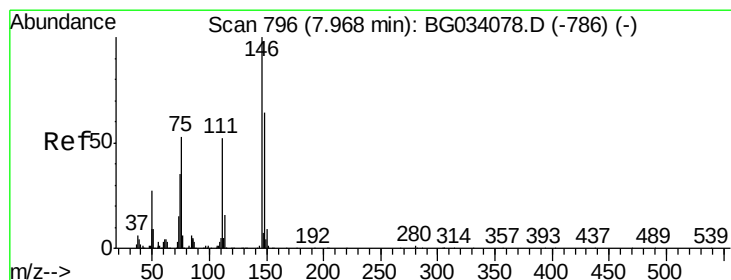
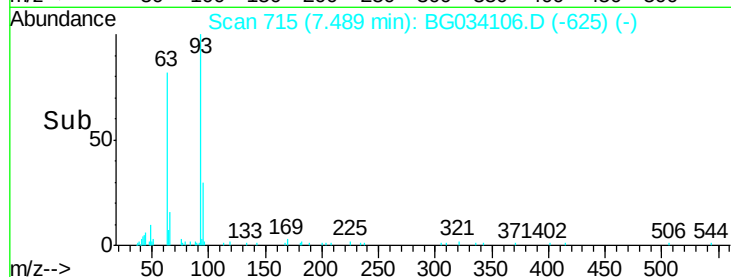
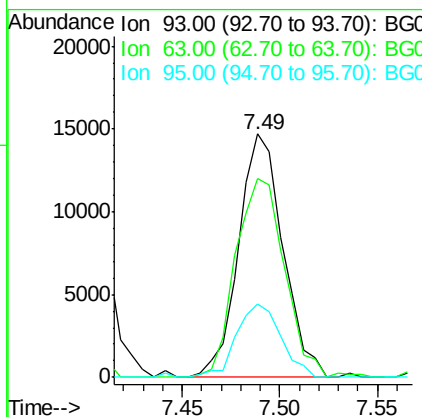
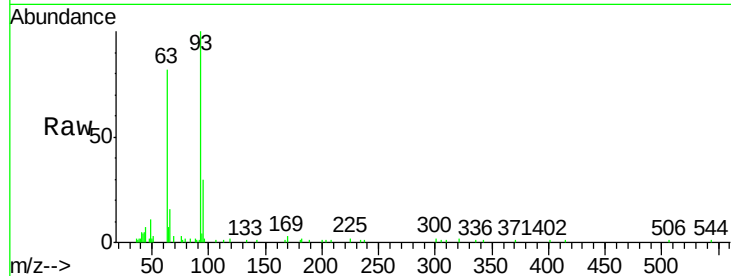




#11
bis(2-Chloroethyl)ether
Concen: 4.816 ng
RT: 7.49 min Scan# 715
Delta R.T. -0.00 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

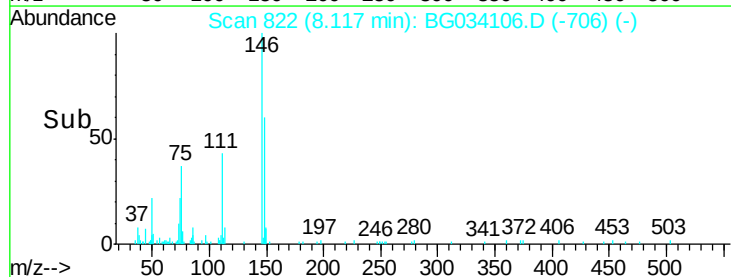
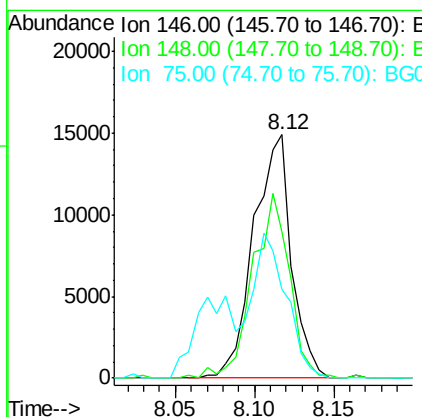
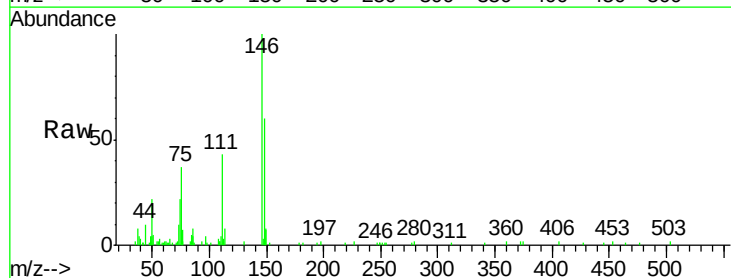
Instrument :
BNA_G
ClientSampleId :

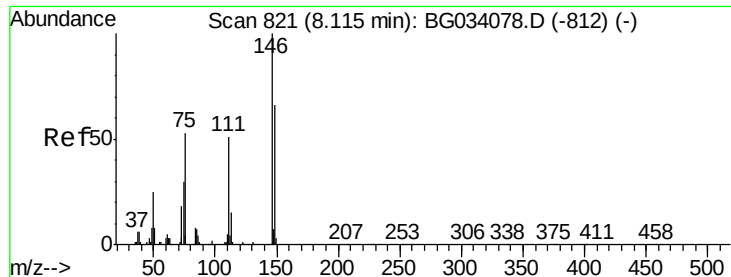
Tot Ion: 93 Resp: 23191
Ion Ratio Lower Upper
93 100
63 81.6 67.1 107.1
95 29.9 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 5.034 ng
RT: 8.12 min Scan# 822
Delta R.T. 0.15 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

Tgt Ion: 146 Resp: 24758
Ion Ratio Lower Upper
146 100
148 60.0 51.4 77.2
75 36.6 26.6 39.8

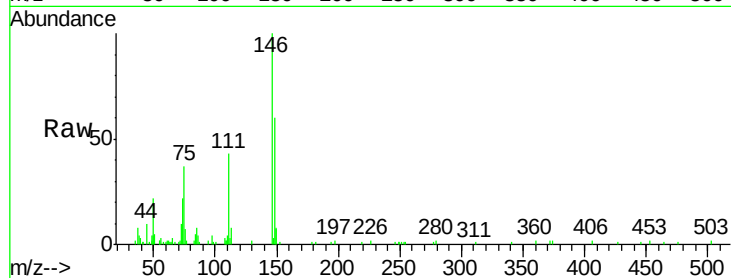




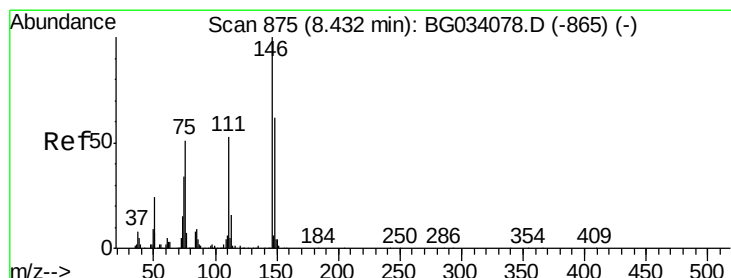
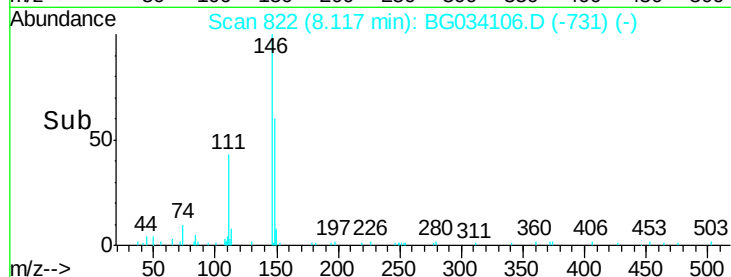
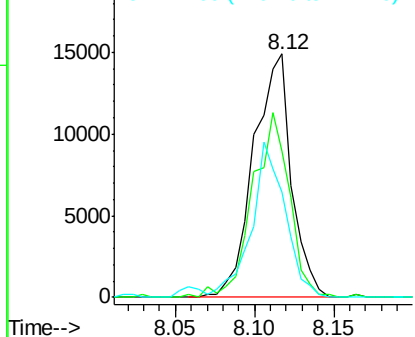
#13
 1,4-Dichlorobenzene
 Concen: 5.069 ng
 RT: 8.12 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BG034106.D
 Acq: 2 May 2018 8:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.0	53.7	80.5
111	43.4	35.2	52.8

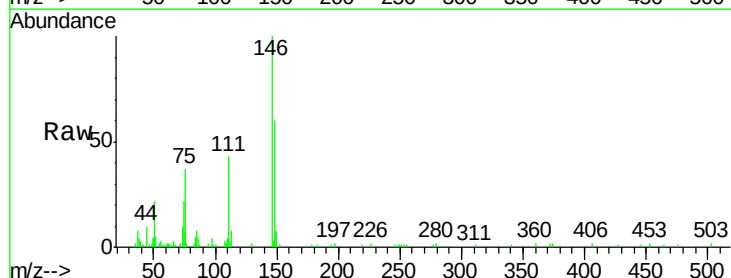


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

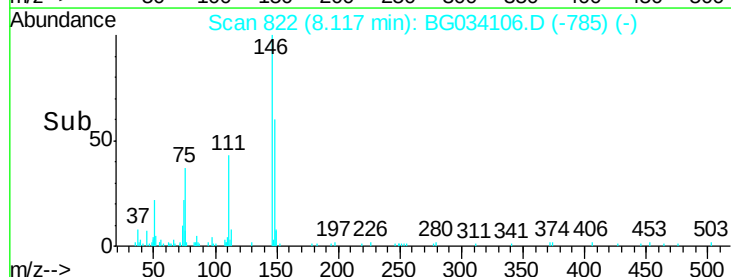
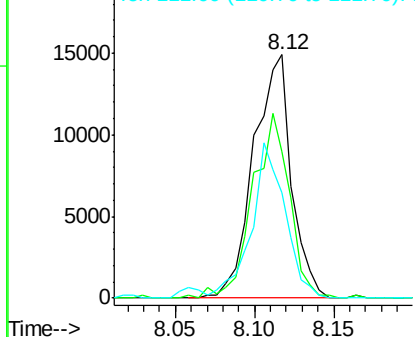


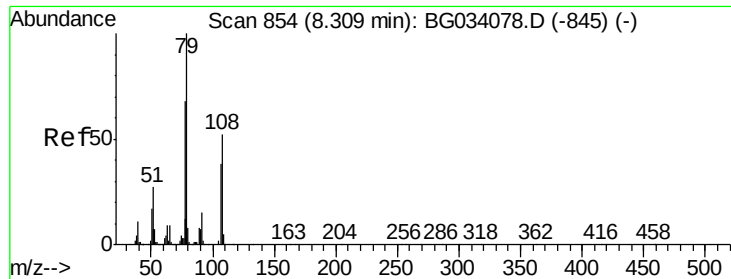
#14
 1,2-Dichlorobenzene
 Concen: 5.337 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.32 min
 Lab File: BG034106.D
 Acq: 2 May 2018 8:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.0	49.3	73.9
111	43.4	34.3	51.5



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





#15

Benzyl Alcohol

Concen: 4.489 ng

RT: 8.31 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Instrument :

BNA_G

ClientSampled :

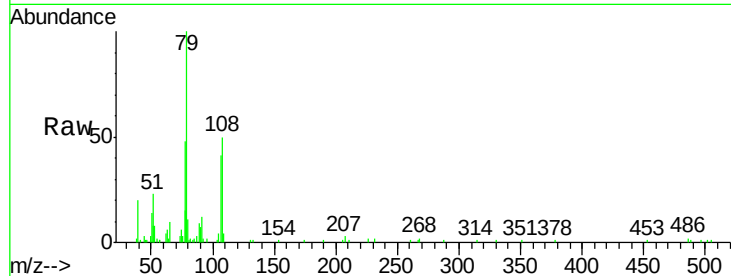
Tot Ion: 79 Resp: 29039

Ion Ratio Lower Upper

79 100

108 50.4 57.2 85.8#

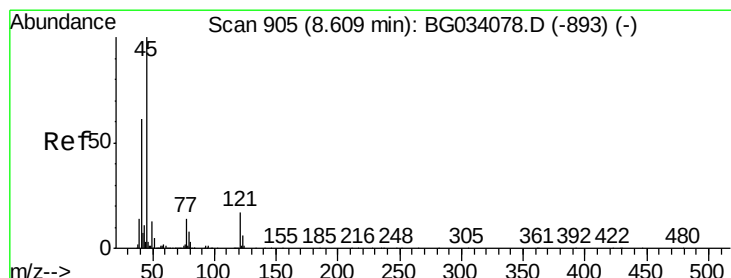
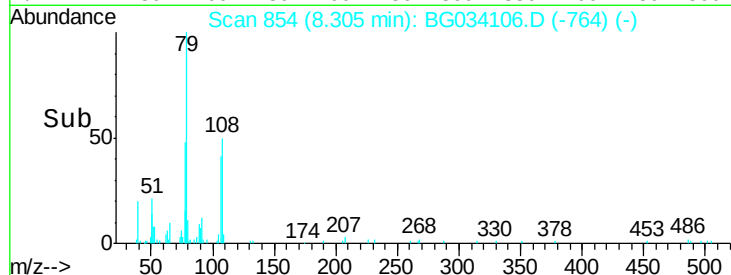
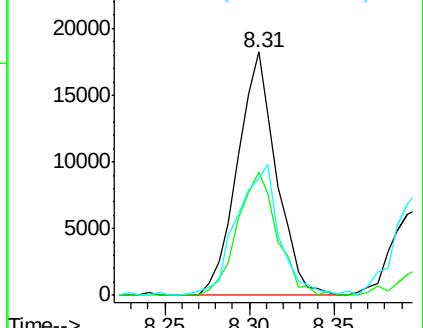
77 47.8 46.1 69.1



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: 5.154 ng

RT: 8.60 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

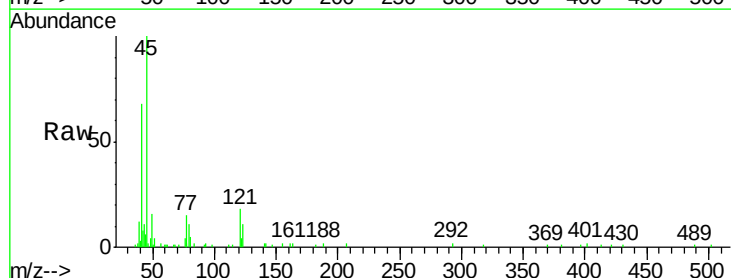
Tgt Ion: 45 Resp: 34145

Ion Ratio Lower Upper

45 100

77 14.8 0.0 30.2

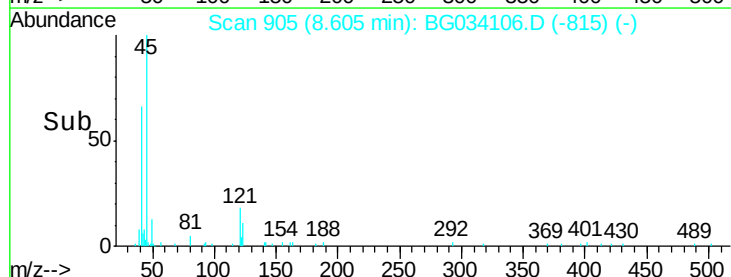
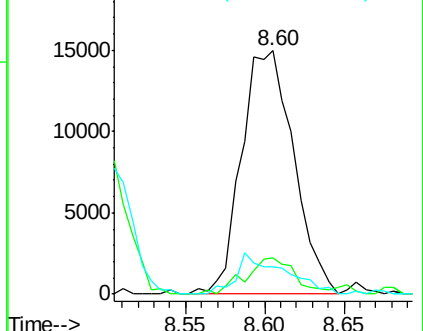
79 11.2 0.0 27.9

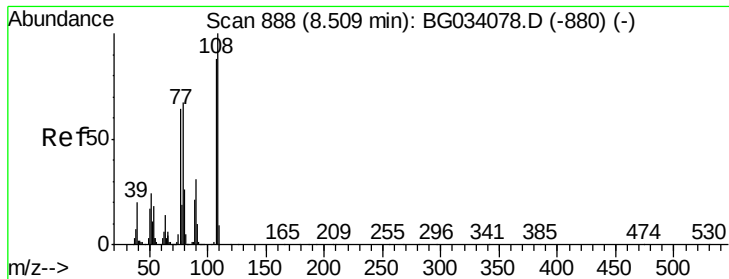


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 5.180 ng

RT: 8.51 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG034106.D

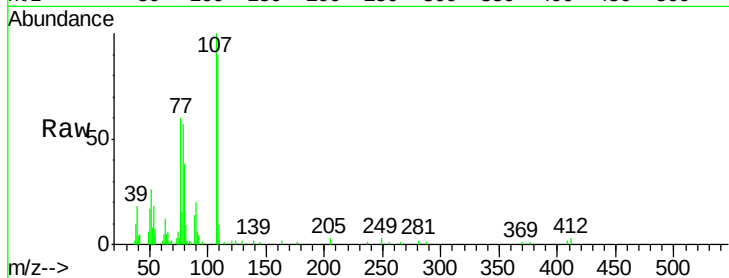
Acq: 2 May 2018 8:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	20847
Ion	Ratio	Lower	Upper
107	100		
108	89.6	83.9	125.9
77	60.0	37.2	55.8#
79	56.8	36.2	54.2#



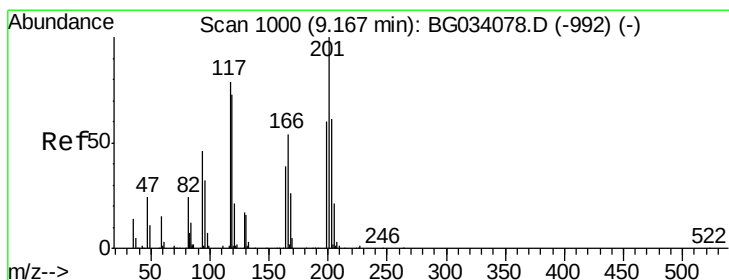
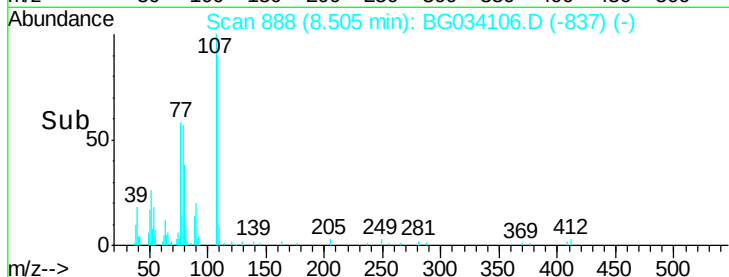
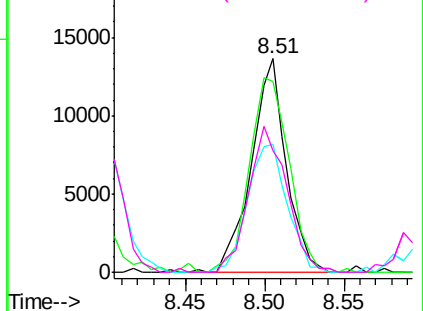
Abundance

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: 4.891 ng

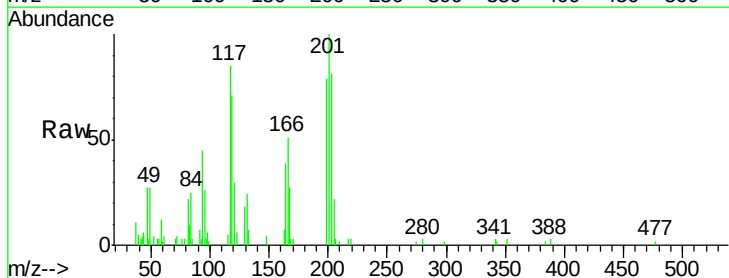
RT: 9.16 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Tgt Ion:	117	Resp:	10162
Ion	Ratio	Lower	Upper
117	100		
119	83.7	76.7	115.1
201	117.3	95.7	143.5

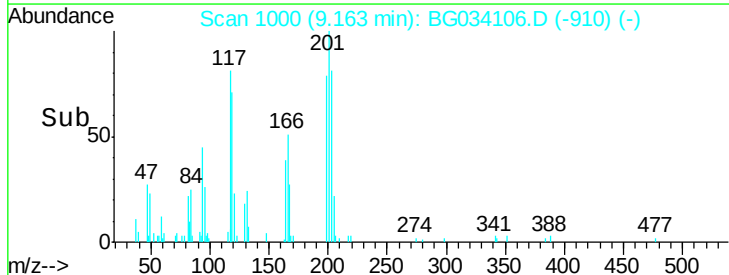
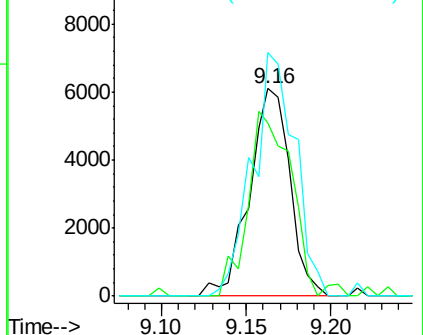


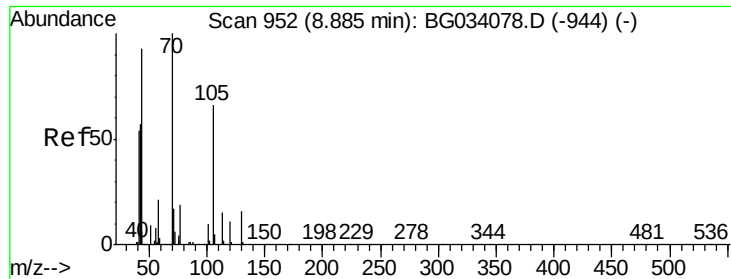
Abundance

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

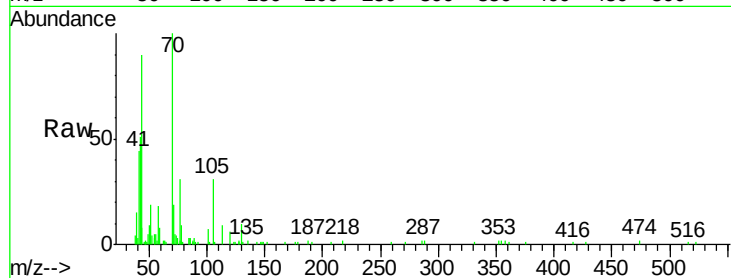




#19
n-Nitroso-di-n-propylamine
Concen: 4.743 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	25830
Ion	Ratio	Lower	Upper
70	100		
42	50.5	49.1	73.7
101	6.8	8.5	12.7#
130	9.6	13.4	20.0#



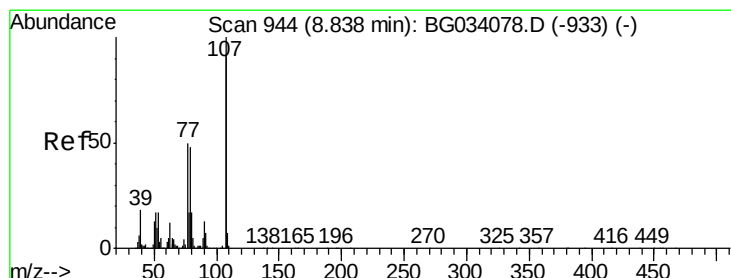
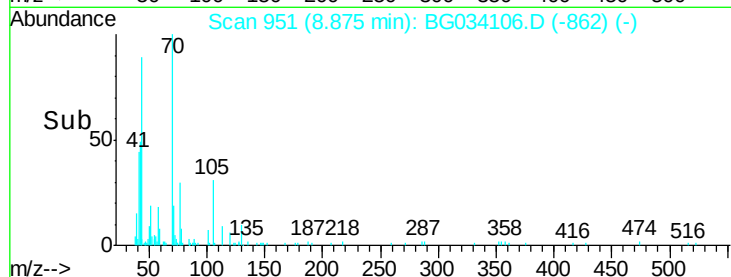
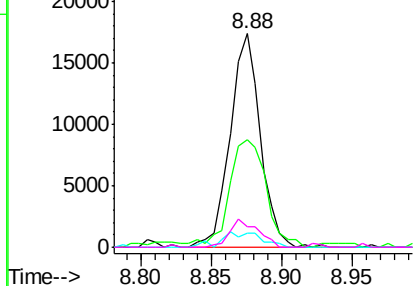
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

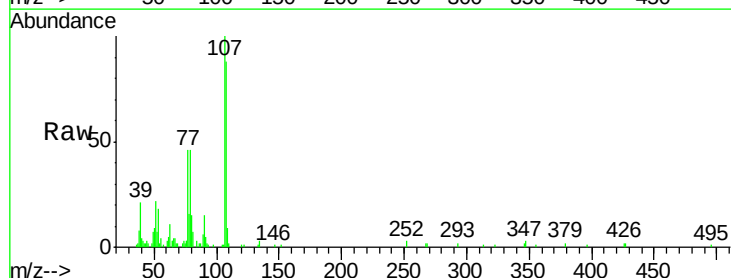
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 4.538 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

Tgt Ion:	107	Resp:	27049
Ion	Ratio	Lower	Upper
107	100		
108	87.5	61.6	101.6
77	46.5	13.9	53.9
79	45.6	8.8	48.8



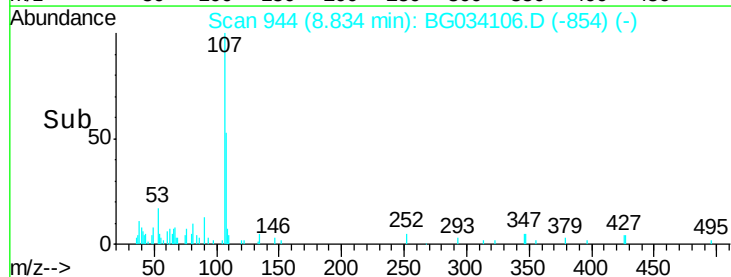
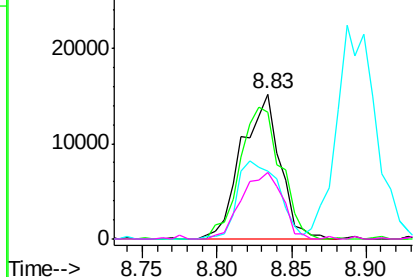
Abundance

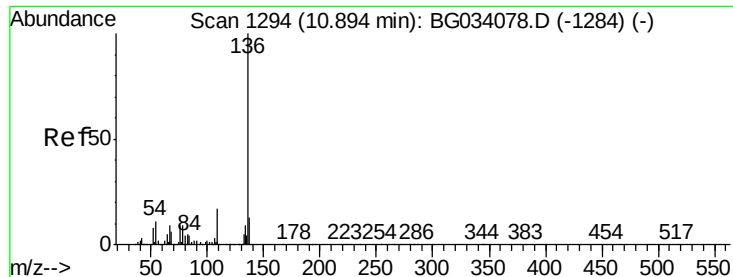
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

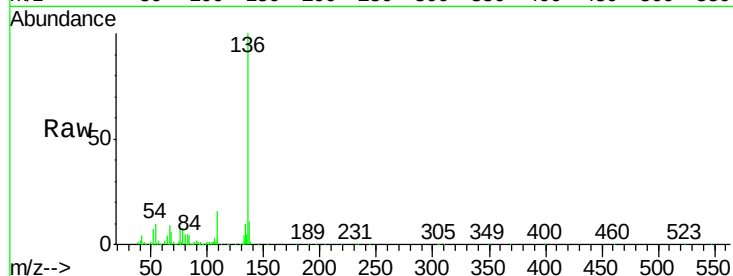




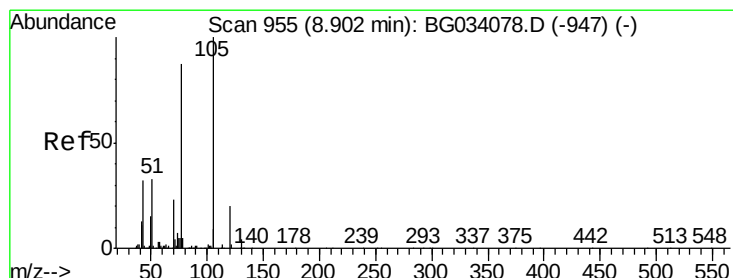
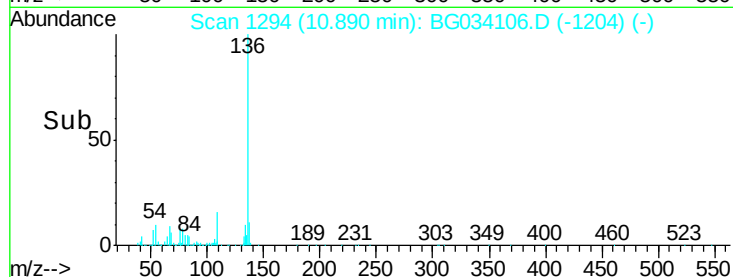
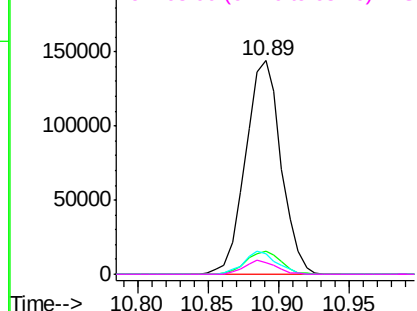
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	253001
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.2 13.8
54	9.8	10.3 15.5#
68	5.7	4.5 6.7

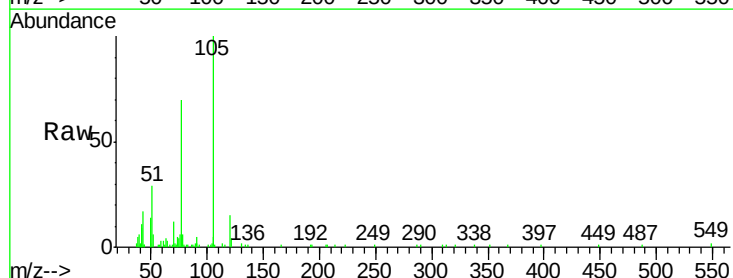


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

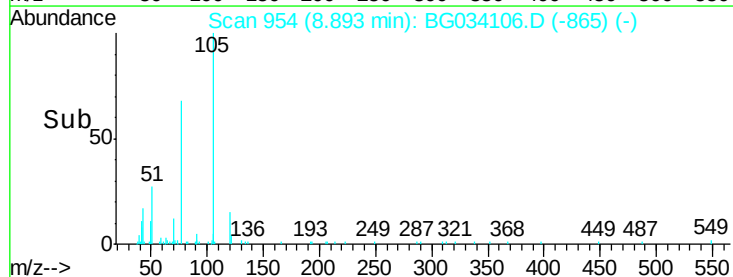
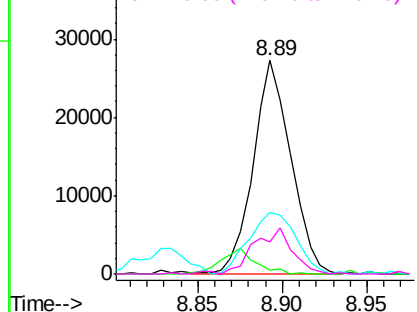


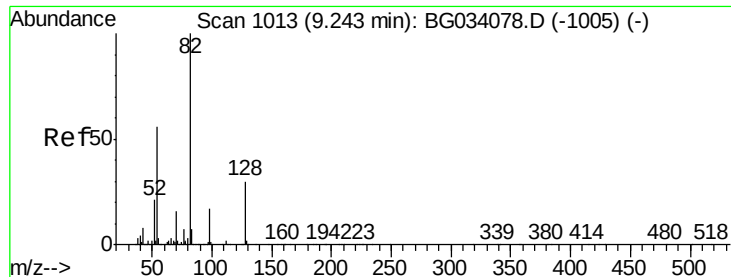
#22
Acetophenone
Concen: 4.885 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

Tgt Ion:105	Resp:	42098
Ion Ratio	Lower	Upper
105	100	
71	1.7	3.0 4.4#
51	28.9	26.1 39.1
120	15.1	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

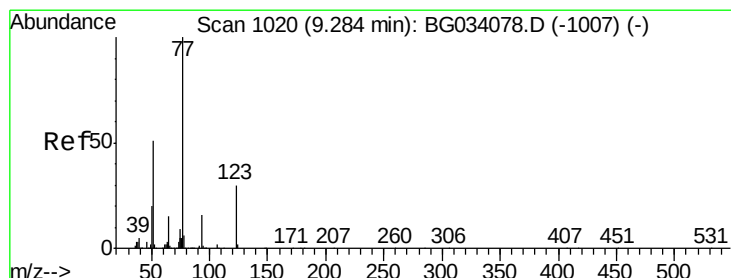
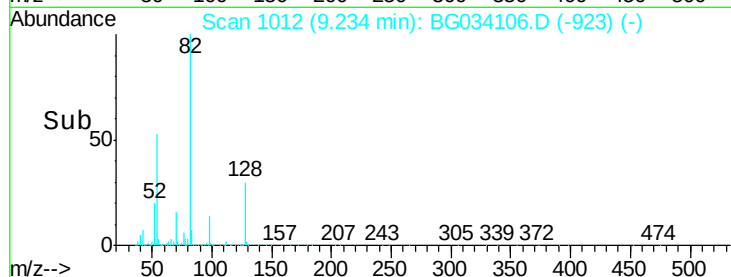
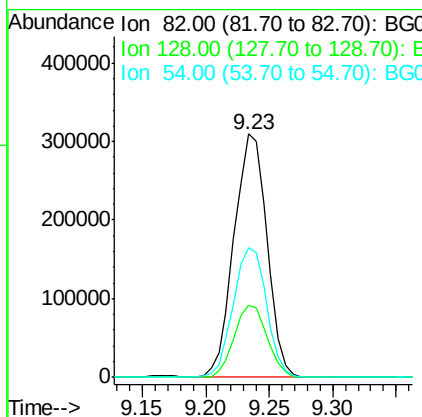
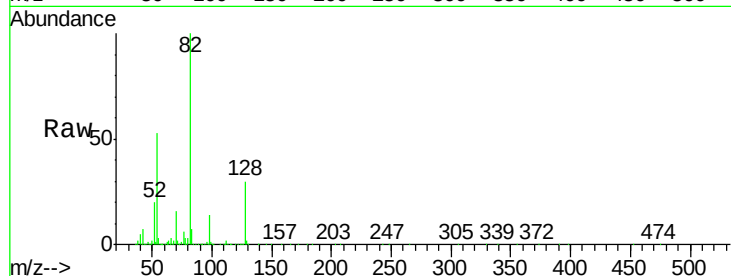




#23
 Nitrobenzene-d5
 Concen: 84.488 ng
 RT: 9.23 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BG034106.D
 Acq: 2 May 2018 8:39

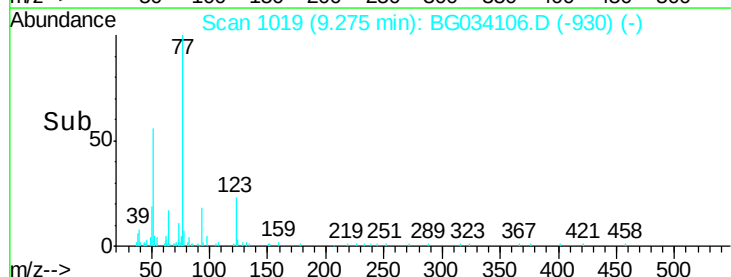
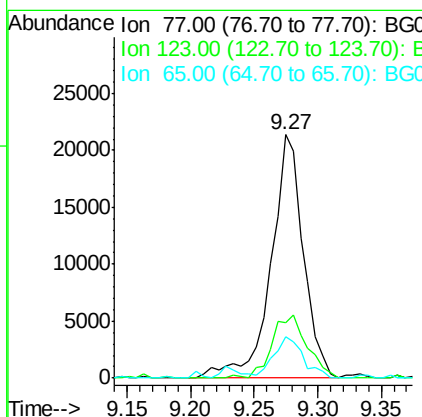
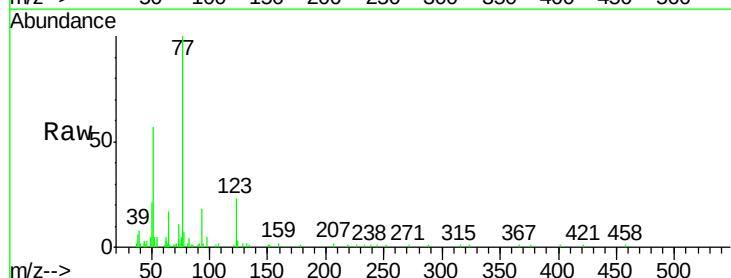
Instrument :
 BNA_G
 ClientSampled :

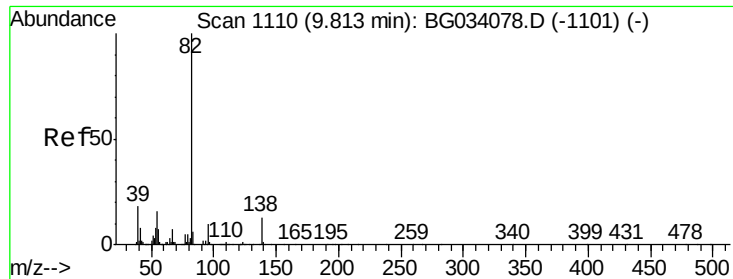
Tot Ion	82	Resp	557117
Ion Ratio	Lower	Upper	
82	100		
128	29.7	29.7	44.5
54	53.3	43.1	64.7



#24
 Nitrobenzene
 Concen: 5.237 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG034106.D
 Acq: 2 May 2018 8:39

Tgt Ion	77	Resp	37801
Ion Ratio	Lower	Upper	
77	100		
123	22.6	33.0	49.6#
65	16.9	13.0	19.6

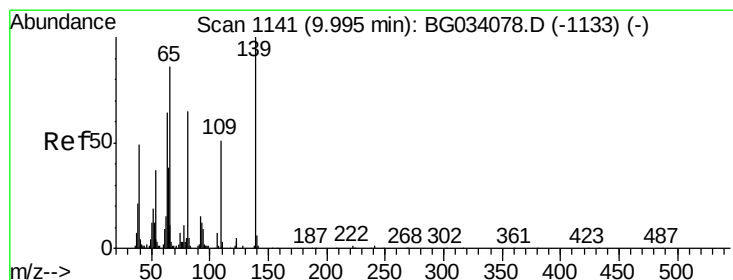
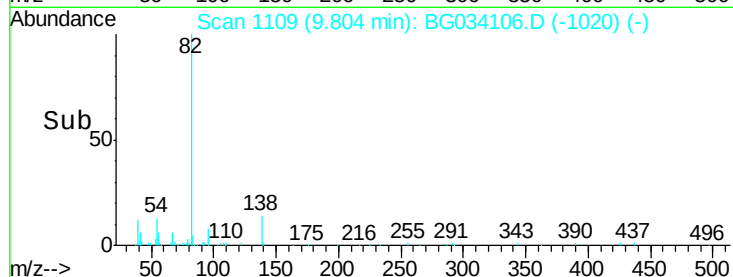
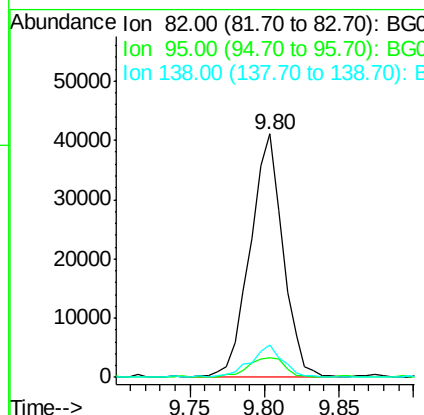
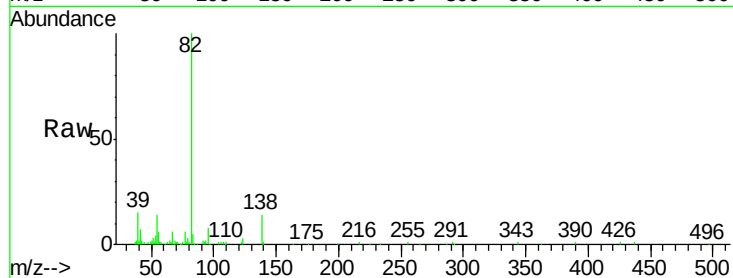




#25
Isophorone
Concen: 4.640 ng
RT: 9.80 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

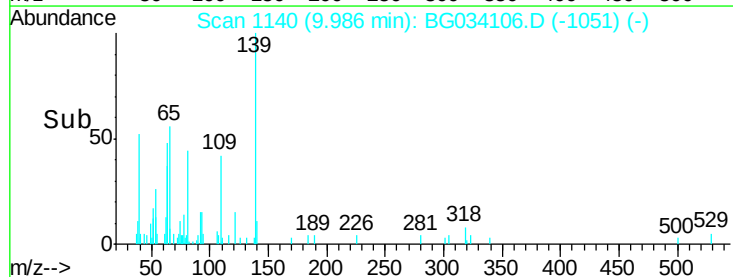
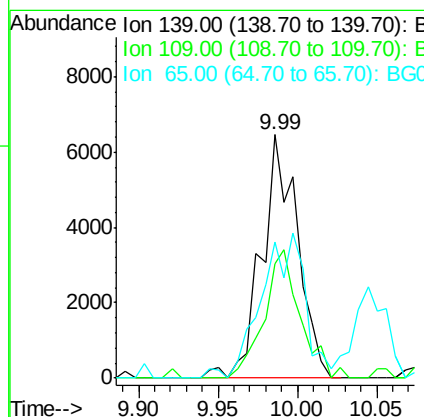
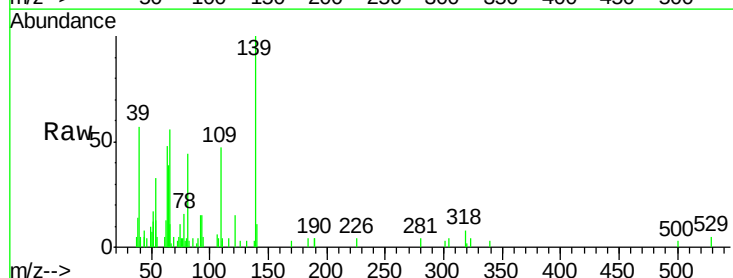
Instrument :
BNA_G
ClientSampled :

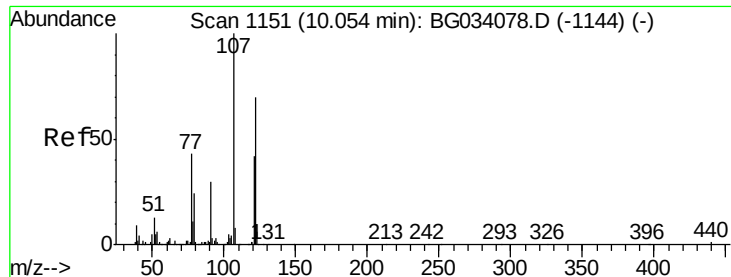
Tot Ion: 82 Resp: 62417
Ion Ratio Lower Upper
82 100
95 8.0 6.2 9.2
138 13.6 12.1 18.1



#26
2-Nitrophenol
Concen: 5.091 ng
RT: 9.99 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

Tgt Ion: 139 Resp: 10173
Ion Ratio Lower Upper
139 100
109 46.7 24.2 36.2#
65 55.7 47.4 71.0





#27

2,4-Dimethylphenol

Concen: 4.773 ng

RT: 10.04 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Instrument :

BNA_G

ClientSampleId :

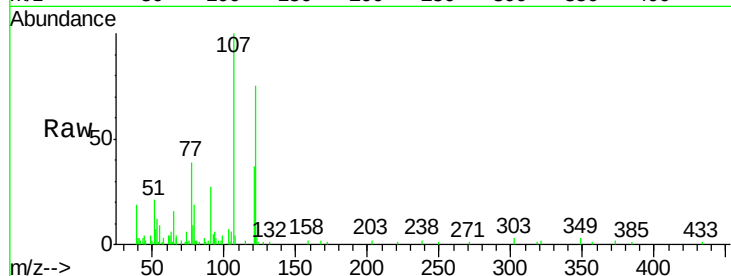
Tot Ion:122 Resp: 18488

Ion Ratio Lower Upper

122 100

107 132.6 100.2 150.2

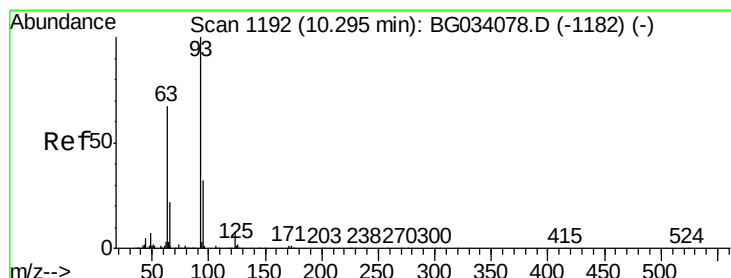
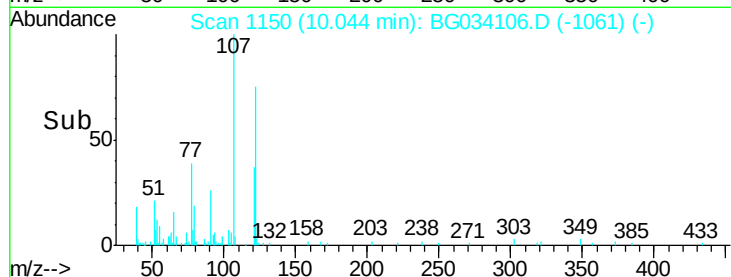
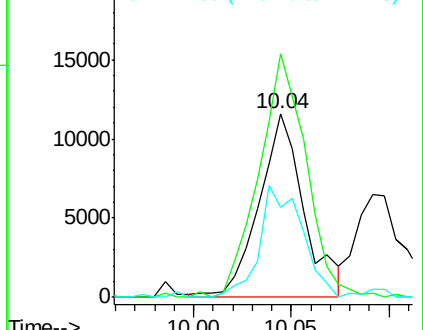
121 49.3 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 4.940 ng

RT: 10.29 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

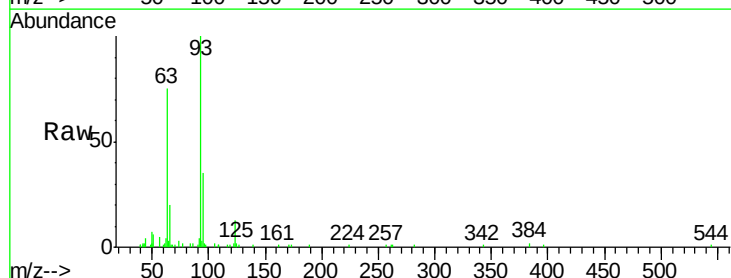
Tgt Ion: 93 Resp: 32642

Ion Ratio Lower Upper

93 100

95 34.9 24.3 36.5

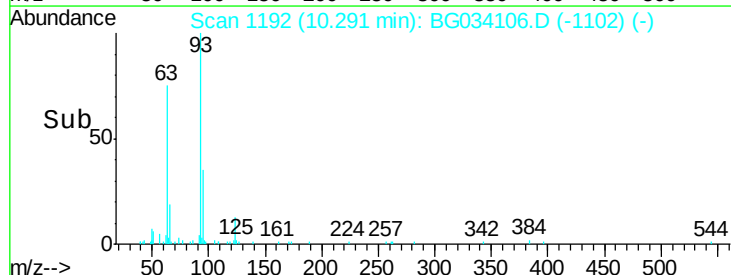
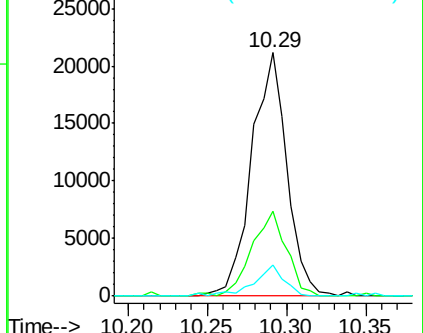
123 12.9 8.4 12.6#

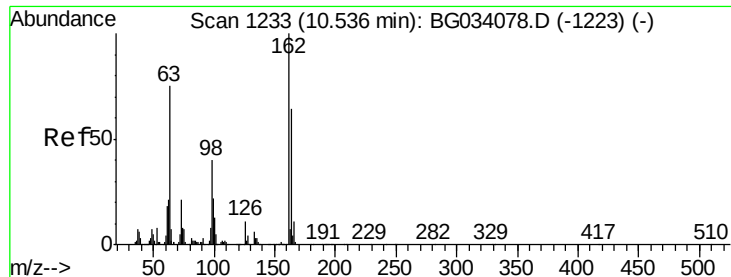


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 4.431 ng

RT: 10.52 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Instrument :

BNA_G

ClientSampleId :

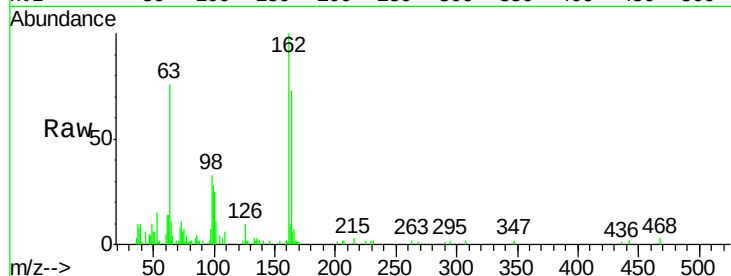
Tot Ion:162 Resp: 20516

Ion Ratio Lower Upper

162 100

164 73.1 48.0 88.0

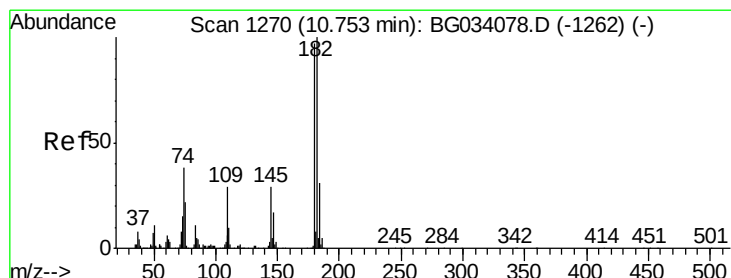
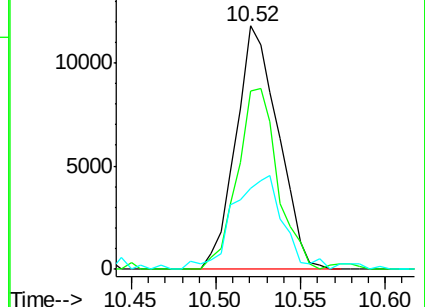
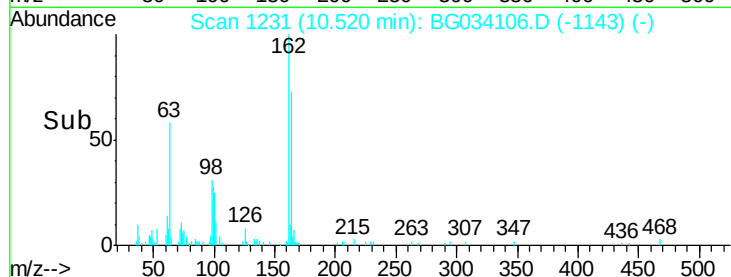
98 33.2 21.1 61.1



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: 5.461 ng

RT: 10.75 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

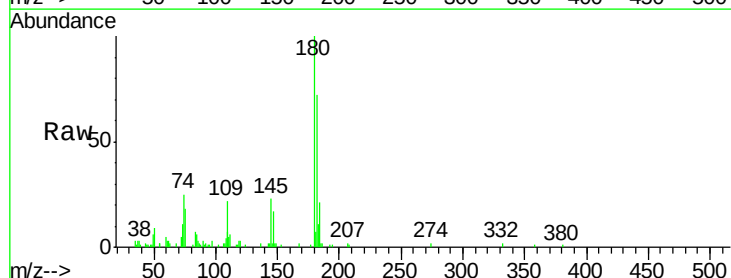
Tgt Ion:180 Resp: 30445

Ion Ratio Lower Upper

180 100

182 71.6 77.5 116.3#

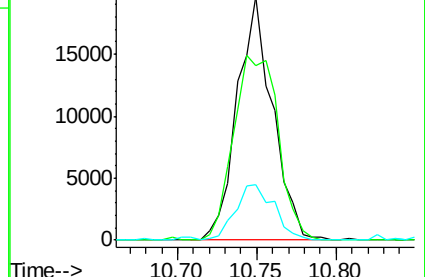
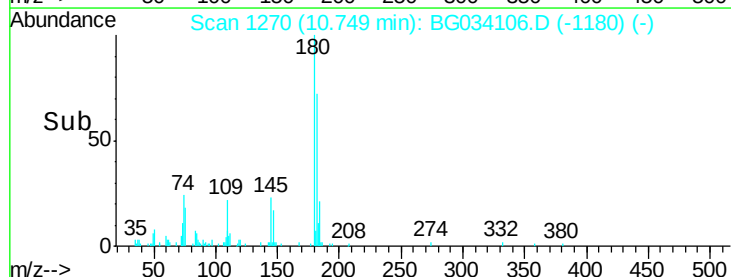
145 22.6 23.4 35.2#

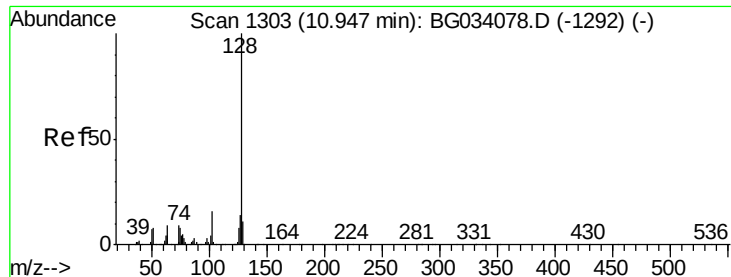


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

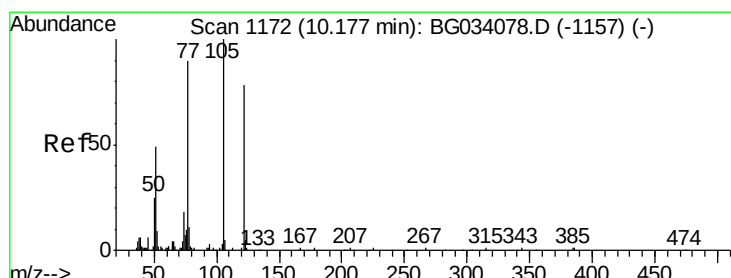
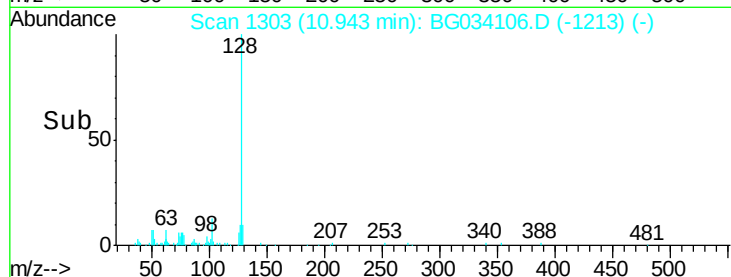
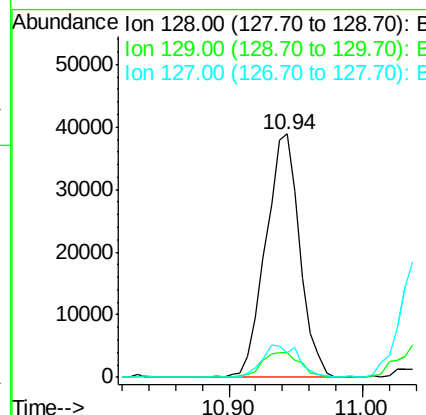
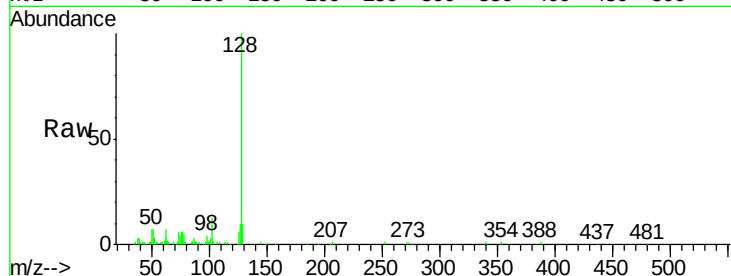




#31
Naphthalene
Concen: 5.159 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

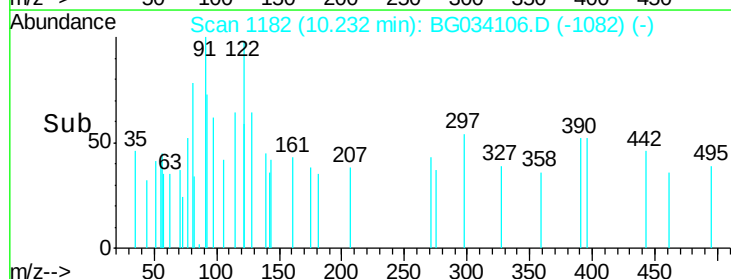
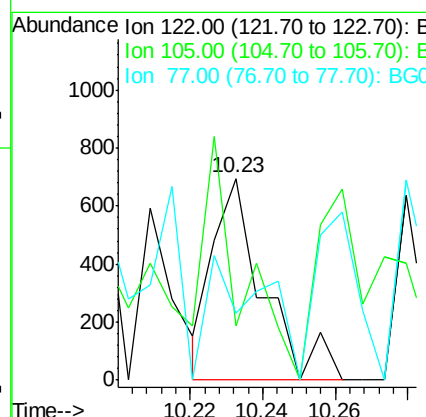
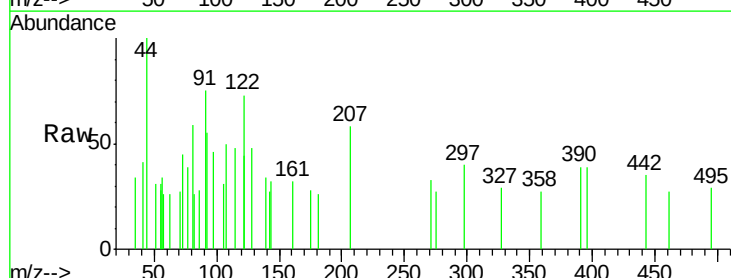
Instrument :
BNA_G
ClientSampleId :

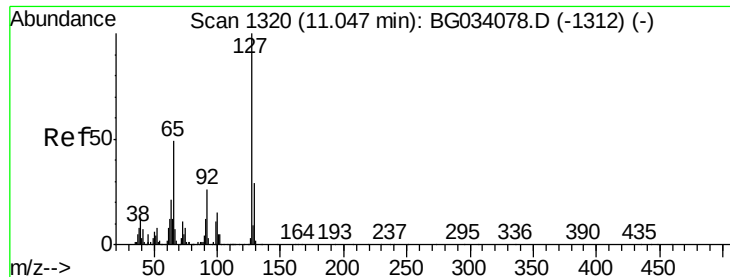
Tot Ion:128 Resp: 68607
Ion Ratio Lower Upper
128 100
129 10.0 8.6 12.8
127 10.4 11.6 17.4#



#32
Benzoic acid
Concen: 3.320 ng
RT: 10.23 min Scan# 1182
Delta R.T. 0.06 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

Tgt Ion:122 Resp: 675
Ion Ratio Lower Upper
122 100
105 26.7 123.5 163.5#
77 33.0 85.7 125.7#

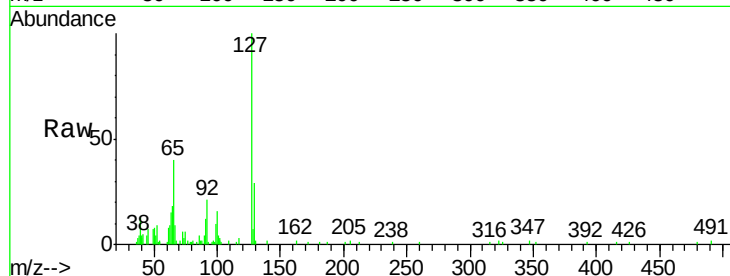




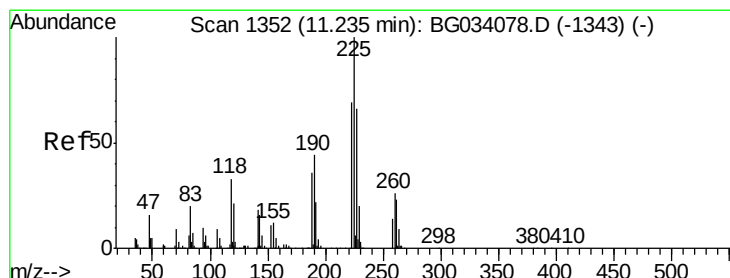
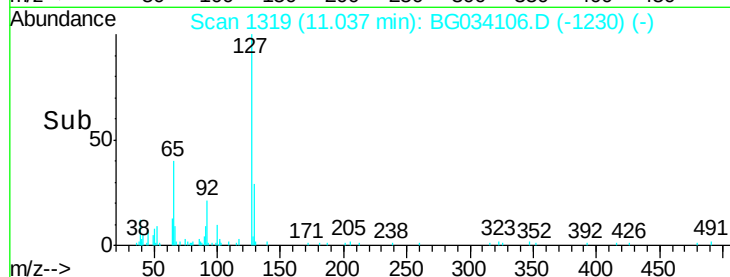
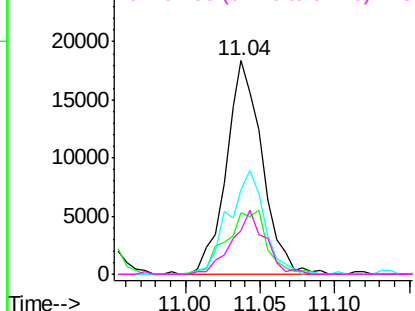
#33
4-Chloroaniline
Concen: 5.149 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	30878
Ion Ratio	Lower	Upper
127	100	
129	28.5	24.0 36.0
65	39.7	27.0 40.4
92	20.6	16.6 25.0

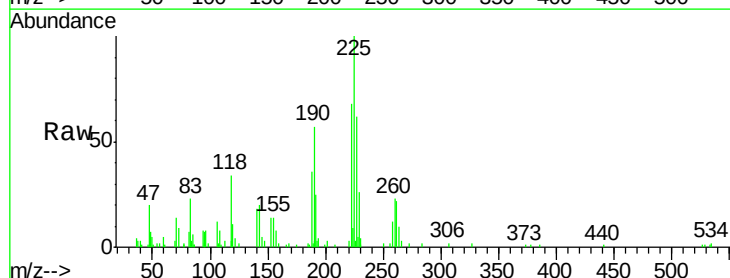


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

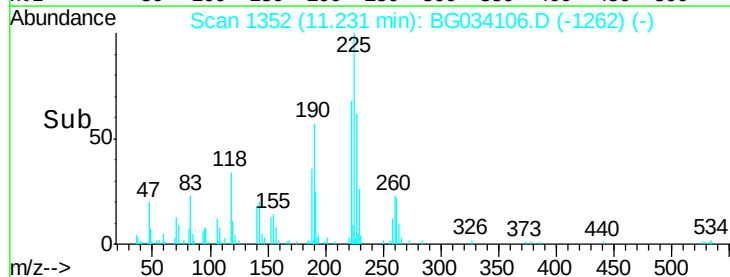
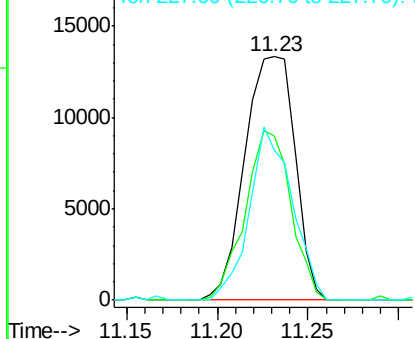


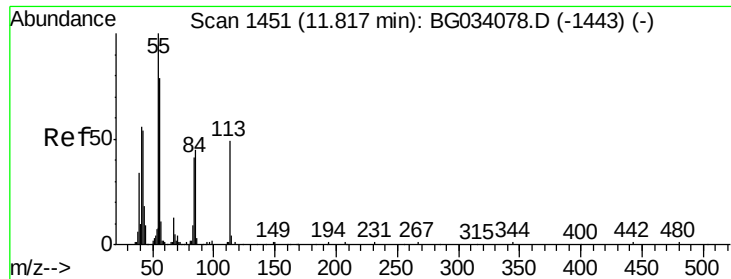
#34
Hexachlorobutadiene
Concen: 5.436 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

Tgt Ion:225	Resp:	25655
Ion Ratio	Lower	Upper
225	100	
223	65.5	49.7 74.5
227	60.0	48.1 72.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 4.614 ng

RT: 11.78 min Scan# 1445

Delta R.T. -0.04 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Instrument :

BNA_G

ClientSampled :

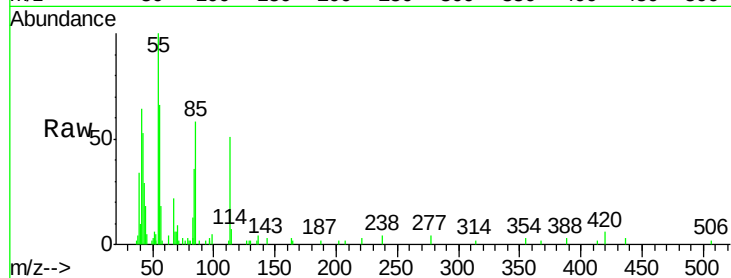
Tot Ion:113 Resp: 7589

Ion Ratio Lower Upper

113 100

55 194.6 186.9 226.9

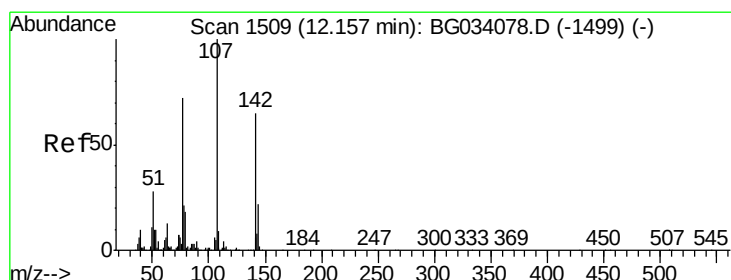
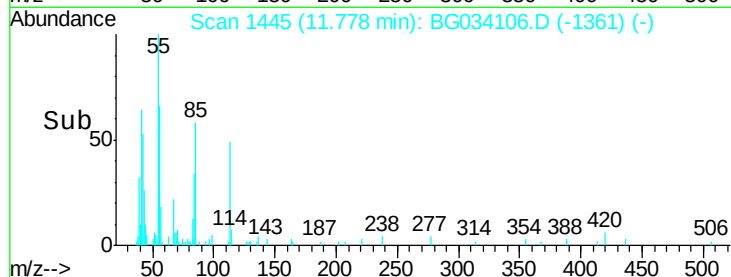
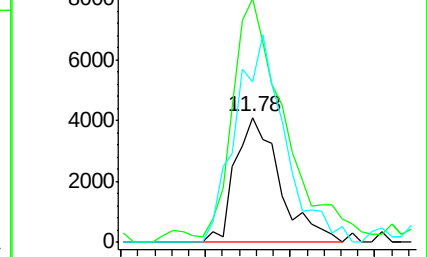
56 128.0 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 4.481 ng

RT: 12.15 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

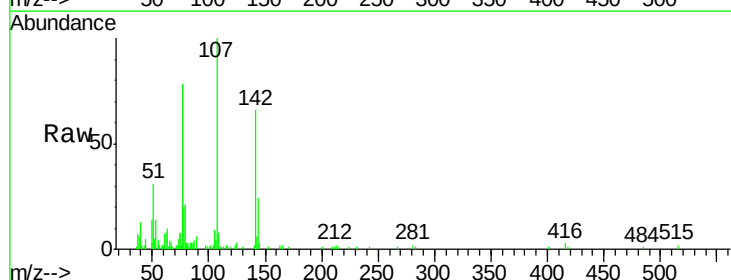
Tgt Ion:107 Resp: 26904

Ion Ratio Lower Upper

107 100

144 24.1 18.2 27.4

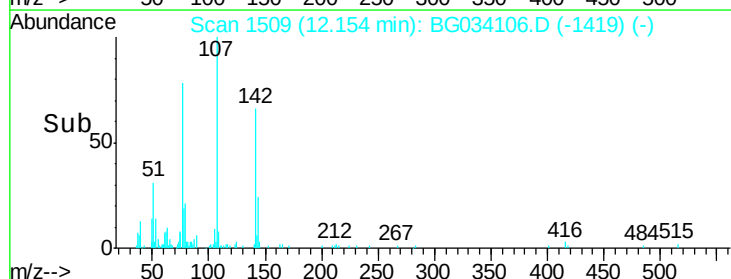
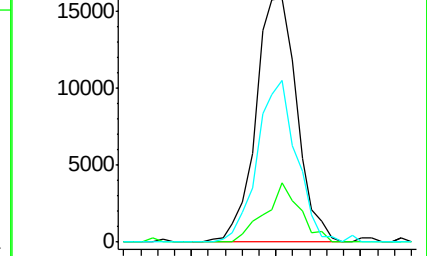
142 66.2 59.0 88.4

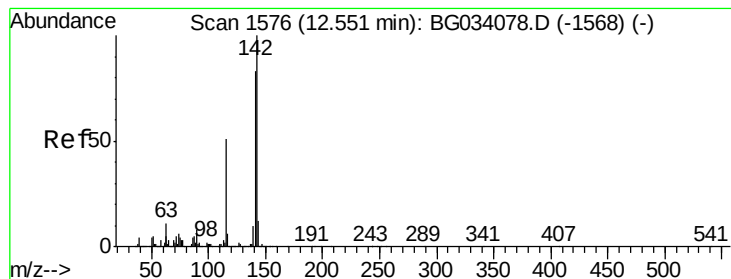


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 5.106 ng

RT: 12.55 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BG034106.D

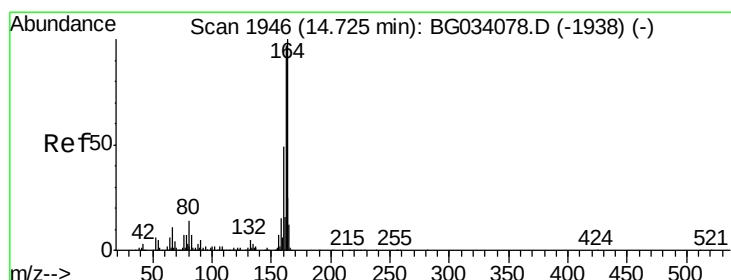
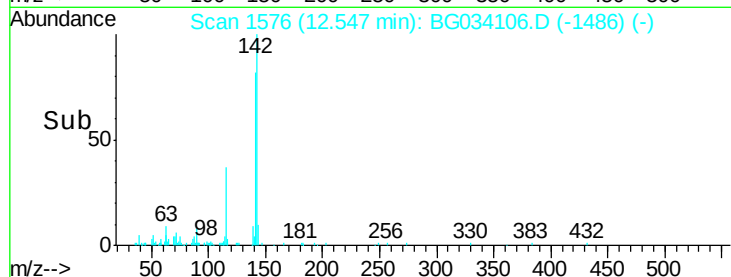
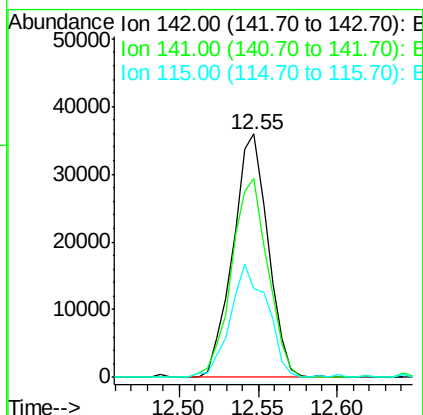
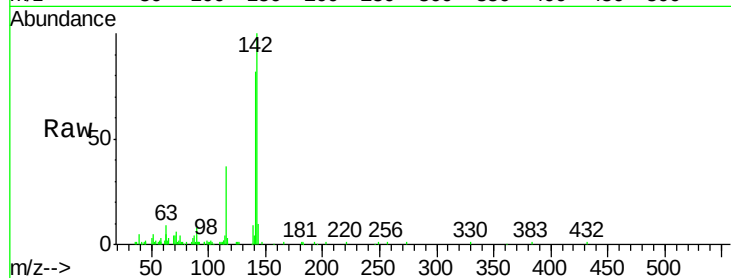
Acq: 2 May 2018 8:39

Instrument :

BNA_G

ClientSampled :

Tot Ion:	142	Resp:	55057
Ion	Ratio	Lower	Upper
142	100		
141	81.6	67.1	100.7
115	36.5	30.7	46.1



#38

Acenaphthene-d10

Concen: 20.000 ng

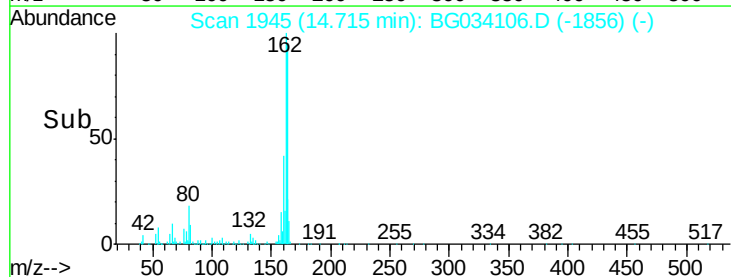
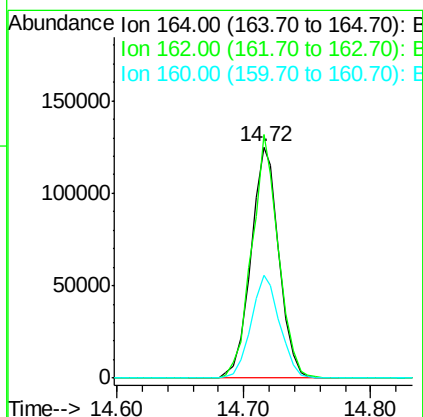
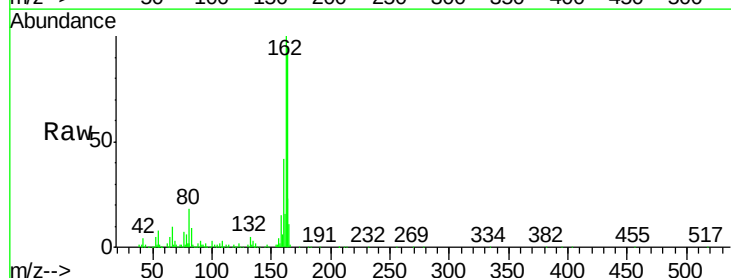
RT: 14.72 min Scan# 1945

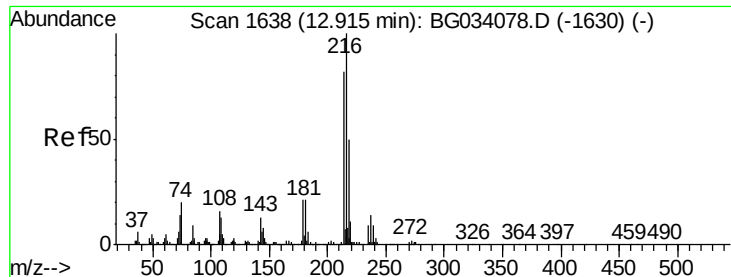
Delta R.T. -0.01 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Tgt Ion:	164	Resp:	191694
Ion	Ratio	Lower	Upper
164	100		
162	105.4	78.8	118.2
160	44.8	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 5.266 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 39062

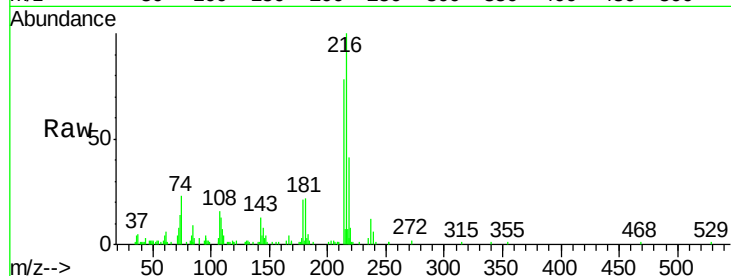
Ion Ratio Lower Upper

216 100

214 76.3 63.0 94.4

179 18.6 17.0 25.6

108 18.7 12.8 19.2

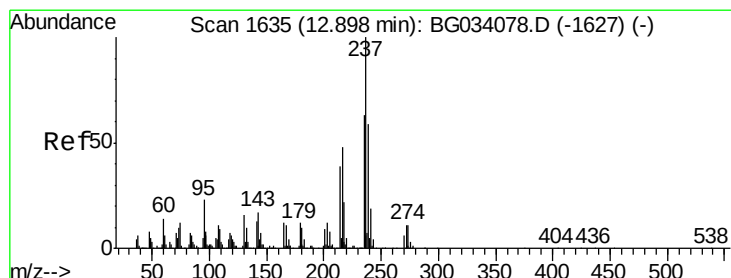
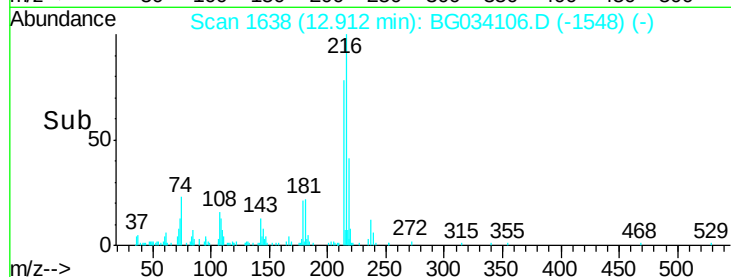
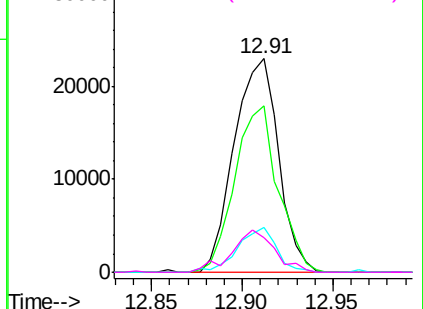


Abundance Ion 216.00 (215.70 to 216.70): E

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: 4.655 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

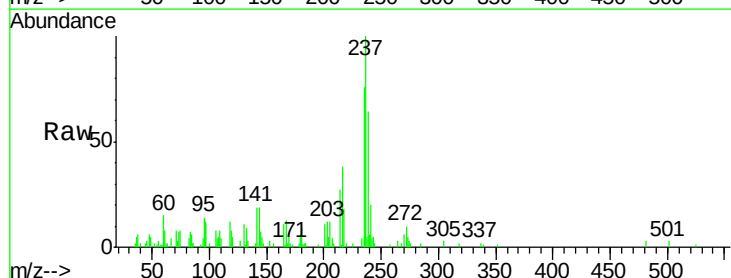
Tgt Ion:237 Resp: 20459

Ion Ratio Lower Upper

237 100

235 76.3 50.4 90.4

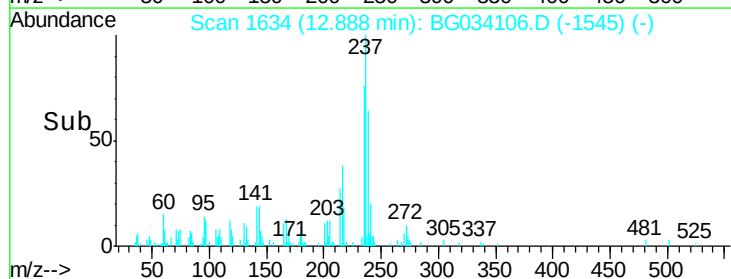
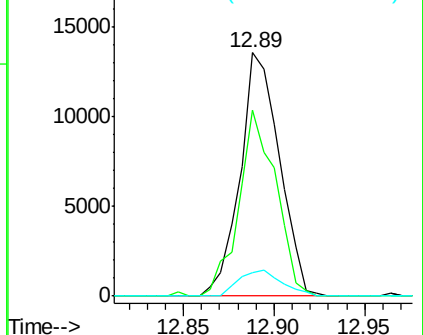
272 9.8 0.0 31.8

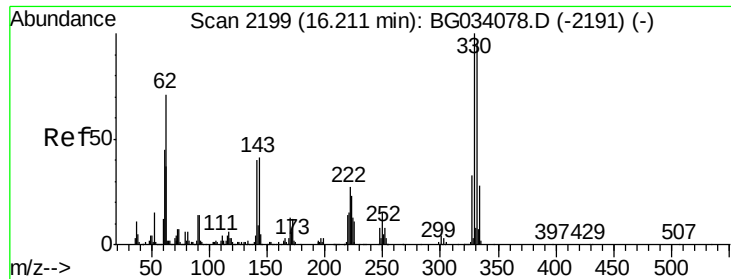


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

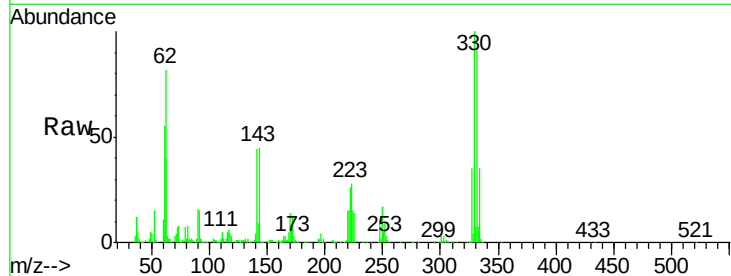




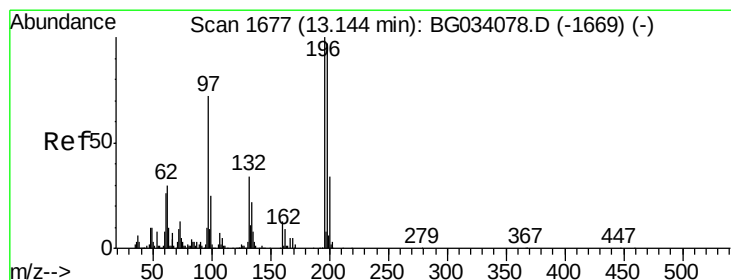
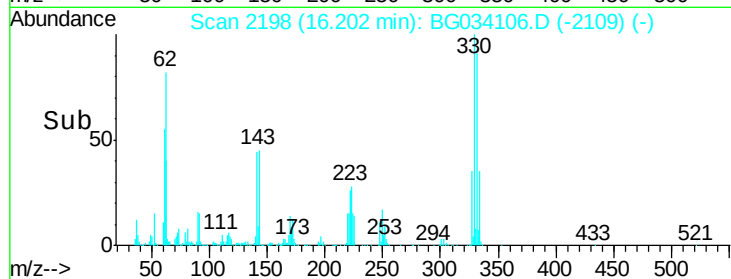
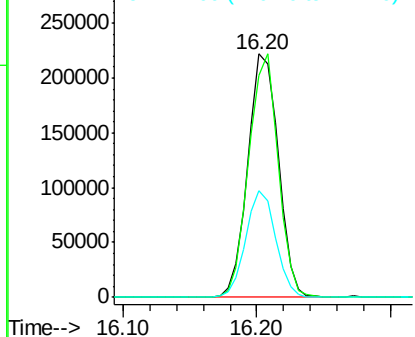
#41
 2,4,6-Tribromophenol
 Concen: 131.744 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG034106.D
 Acq: 2 May 2018 8:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 349703
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 43.1 25.2 37.8#

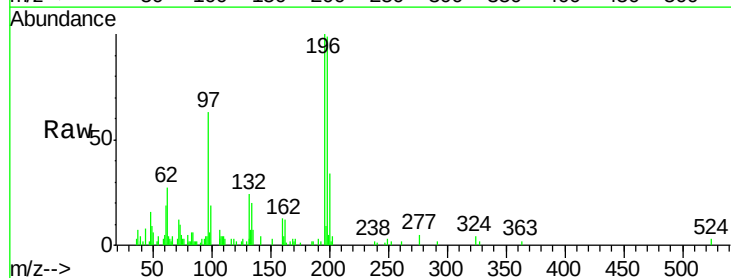


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

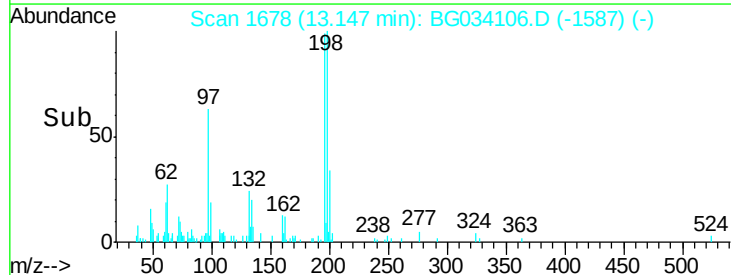
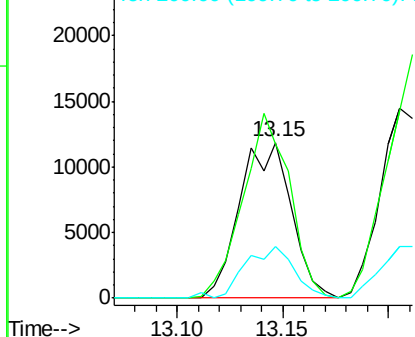


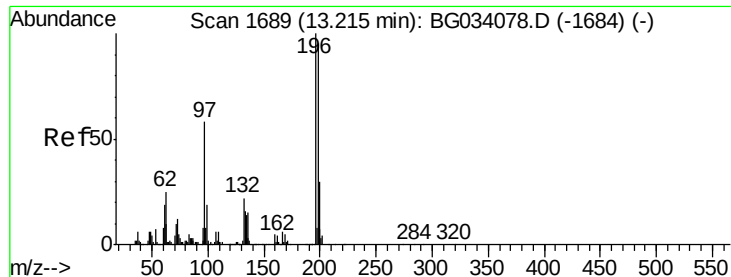
#42
 2,4,6-Trichlorophenol
 Concen: 4.650 ng
 RT: 13.15 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: BG034106.D
 Acq: 2 May 2018 8:39

Tgt Ion:196 Resp: 20042
 Ion Ratio Lower Upper
 196 100
 198 99.0 78.2 117.2
 200 33.6 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

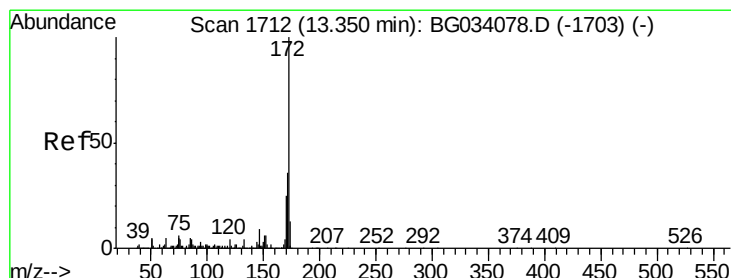
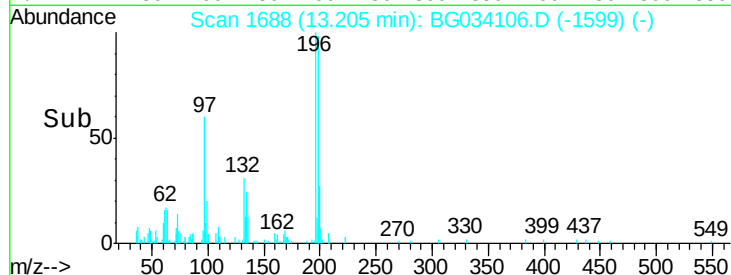
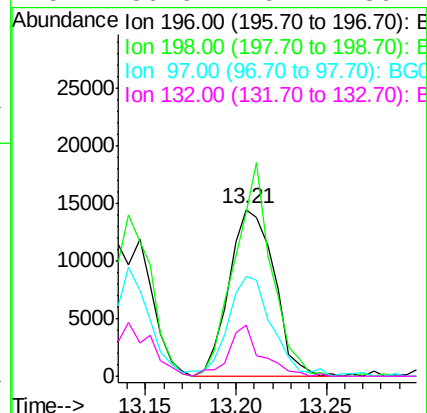
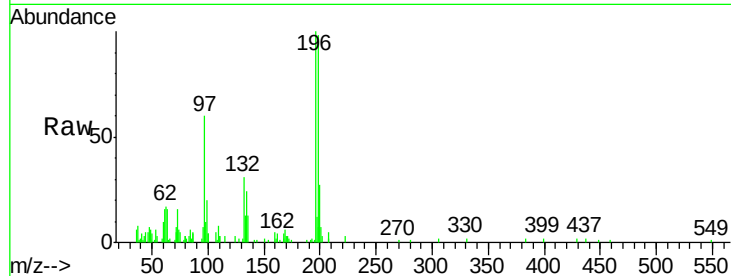




#43
 2,4,5-Trichlorophenol
 Concen: 5.277 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BG034106.D
 Acq: 2 May 2018 8:39

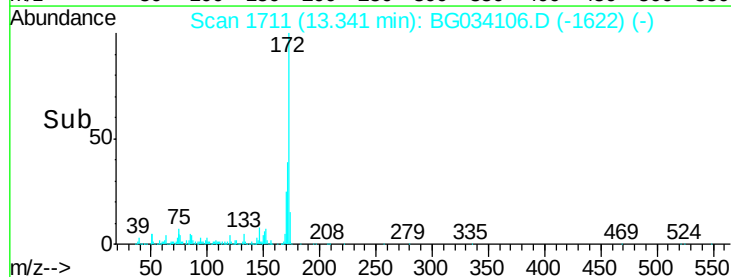
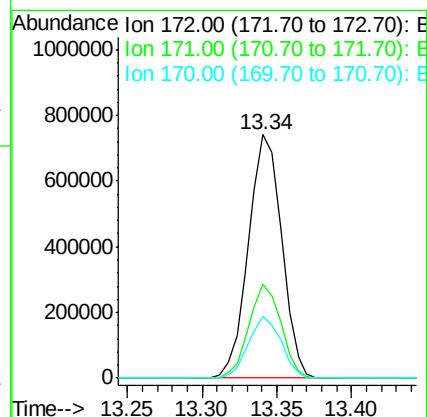
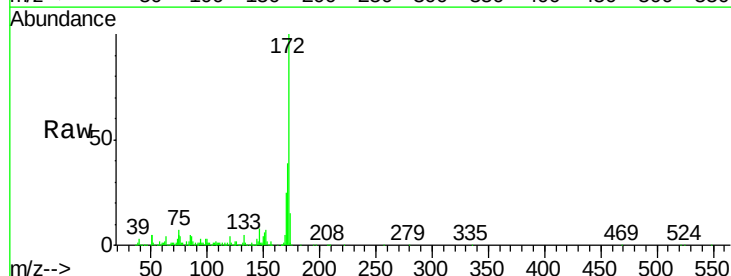
Instrument :
 BNA_G
 ClientSampleId :

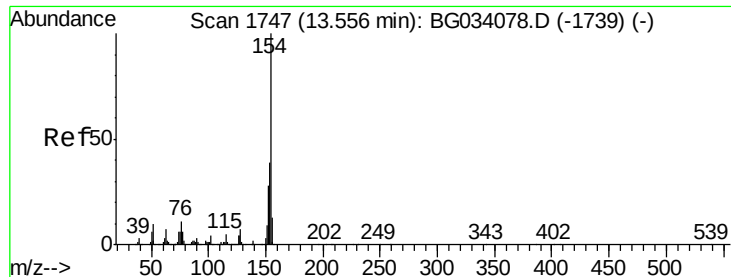
Tot Ion:196 Resp: 25142
 Ion Ratio Lower Upper
 196 100
 198 98.5 76.2 114.4
 97 59.7 38.7 58.1#
 132 30.6 20.2 30.2#



#44
 2-Fluorobiphenyl
 Concen: 86.882 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG034106.D
 Acq: 2 May 2018 8:39

Tgt Ion:172 Resp: 1142958
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.0 45.0
 170 25.5 19.5 29.3





#45

1,1'-Biphenyl

Concen: 5.104 ng

RT: 13.55 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Instrument :

BNA_G

ClientSampleId :

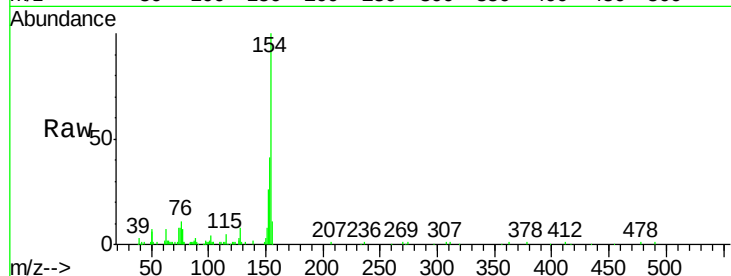
Tot Ion:154 Resp: 76427

Ion Ratio Lower Upper

154 100

153 40.9 19.8 59.8

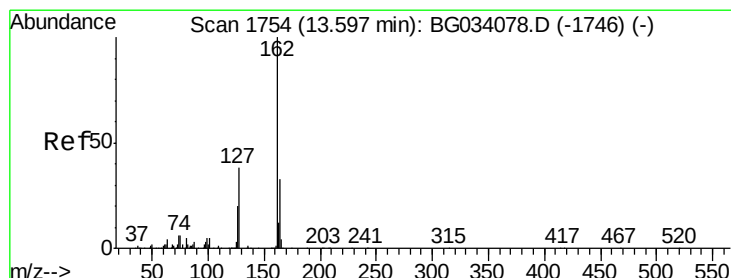
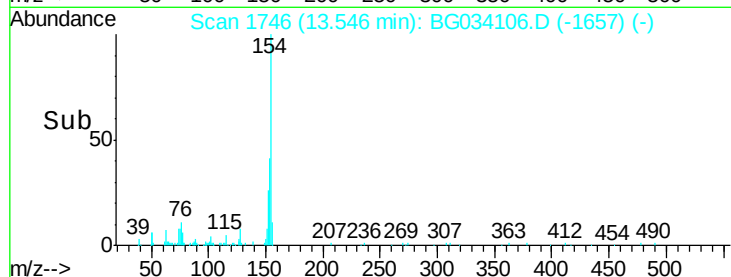
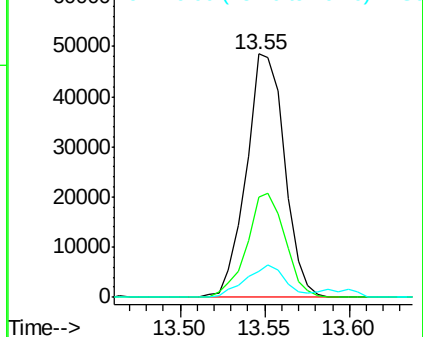
76 10.5 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 5.197 ng

RT: 13.59 min Scan# 1754

Delta R.T. -0.00 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

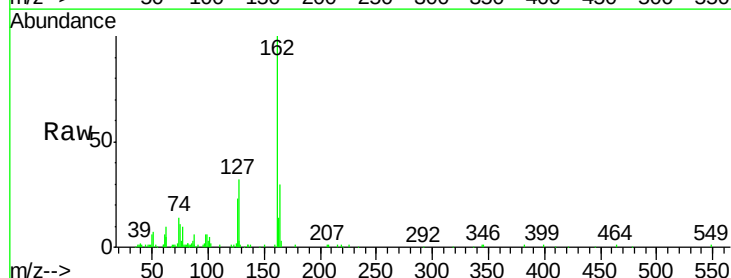
Tgt Ion:162 Resp: 58923

Ion Ratio Lower Upper

162 100

127 31.7 30.7 46.1

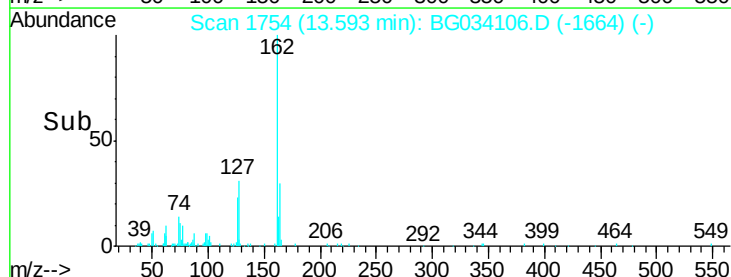
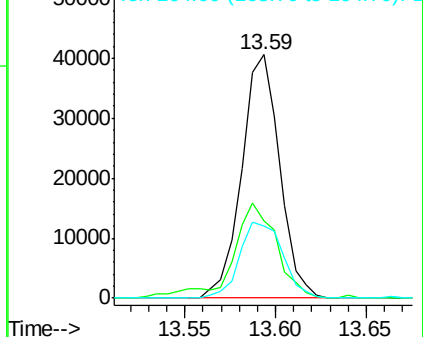
164 29.6 26.0 39.0

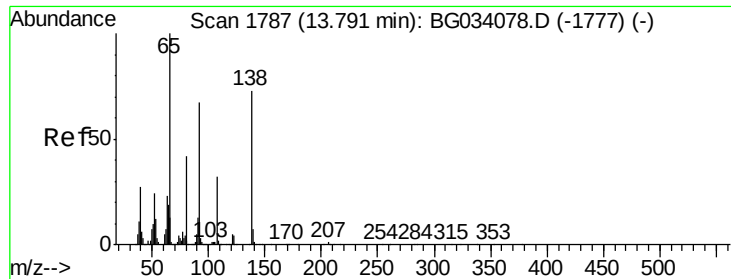


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 4.055 ng

RT: 13.79 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Instrument :

BNA_G

ClientSampleId :

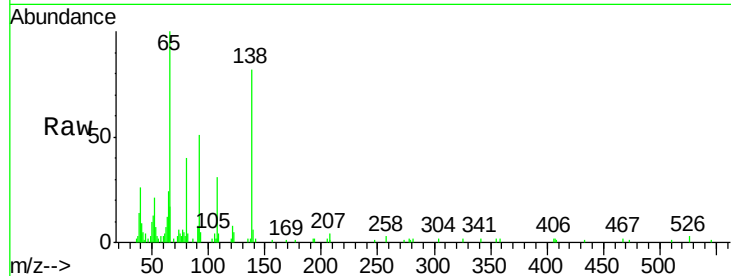
Tot Ion: 65 Resp: 18380

Ion Ratio Lower Upper

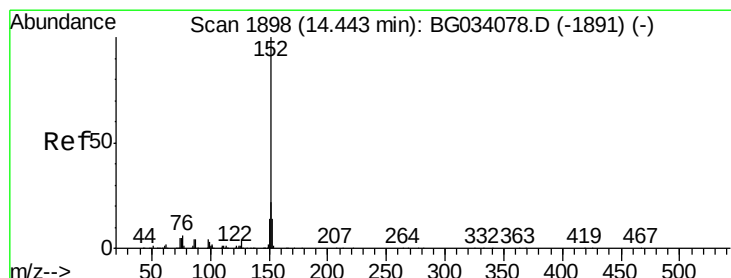
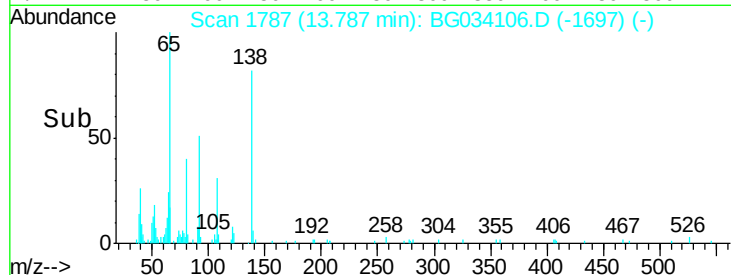
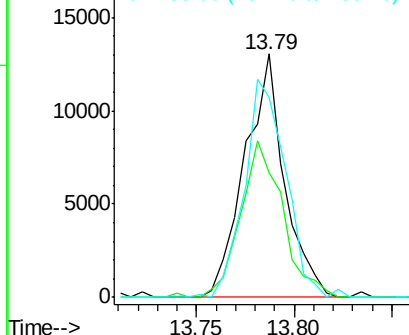
65 100

92 51.0 54.6 82.0#

138 82.2 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: 5.154 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

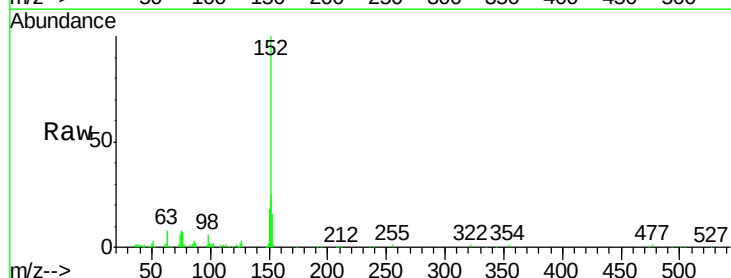
Tgt Ion: 152 Resp: 93293

Ion Ratio Lower Upper

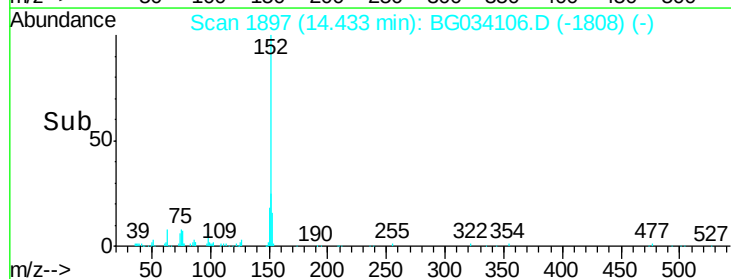
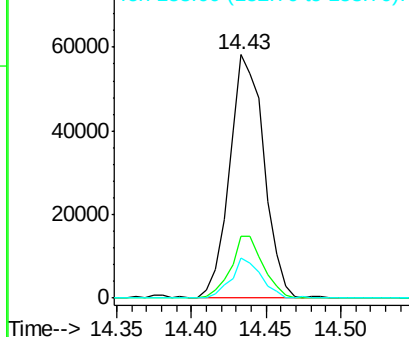
152 100

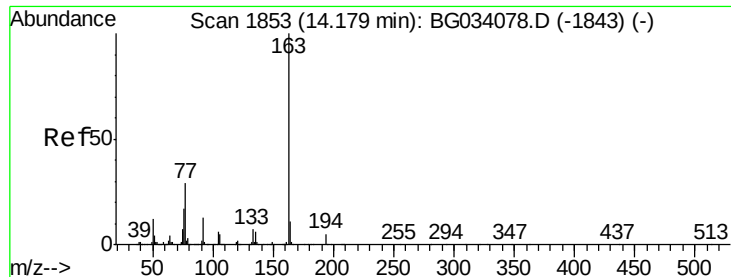
151 25.2 17.2 25.8

153 16.3 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: 4.998 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Instrument :

BNA_G

ClientSampleId :

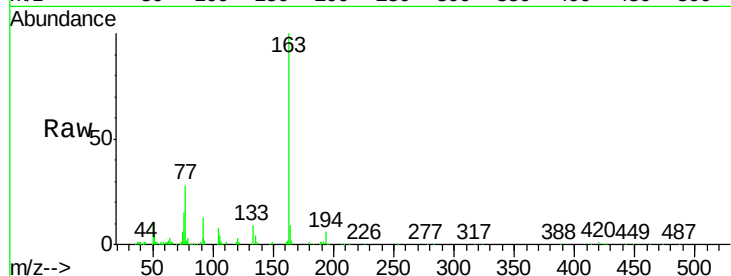
Tot Ion:163 Resp: 83082

Ion Ratio Lower Upper

163 100

194 6.5 3.4 5.2#

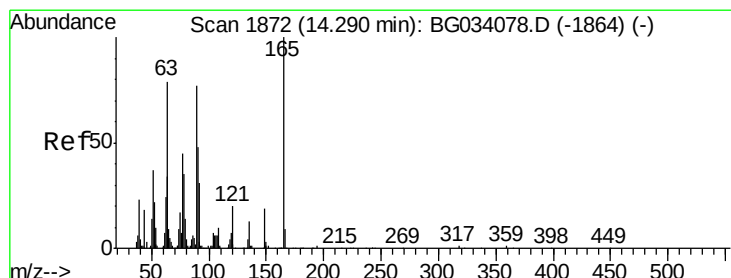
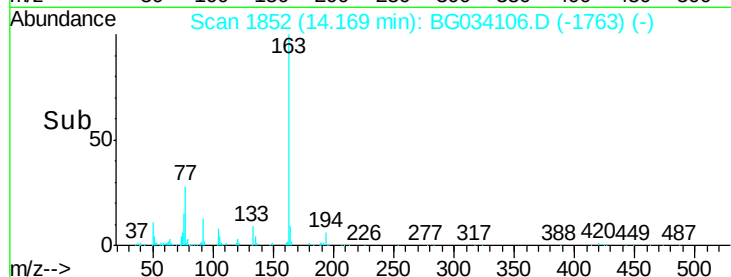
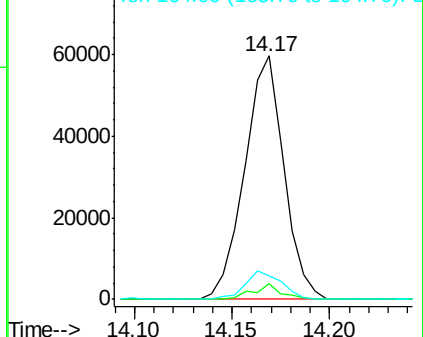
164 9.4 8.2 12.4



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: 4.748 ng

RT: 14.29 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

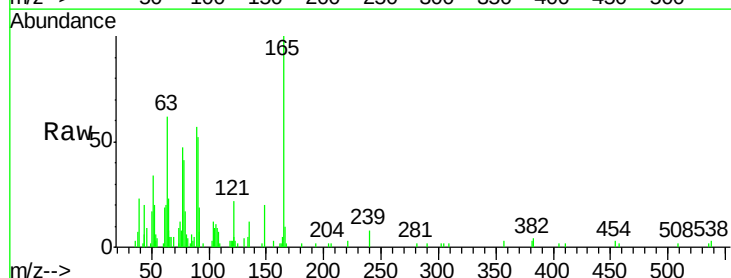
Tgt Ion:165 Resp: 15158

Ion Ratio Lower Upper

165 100

63 62.3 52.7 79.1

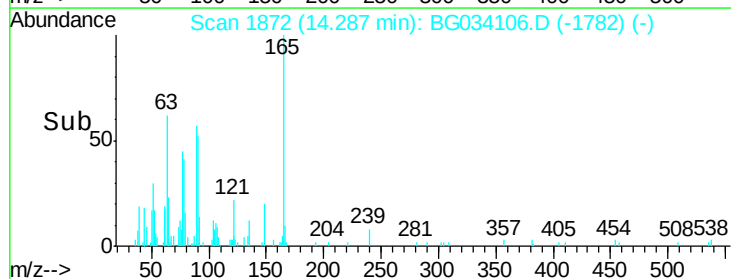
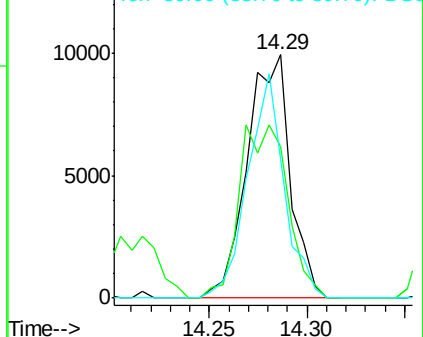
89 56.7 49.2 73.8

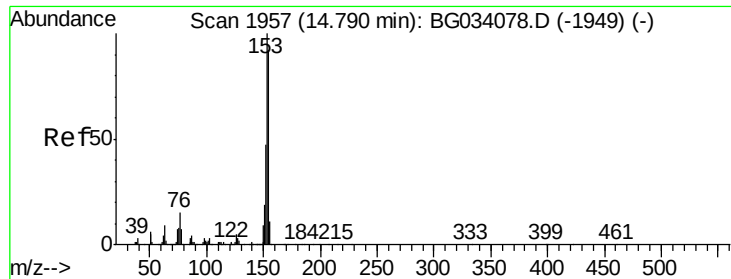


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 5.104 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Instrument :

BNA_G

ClientSampleId :

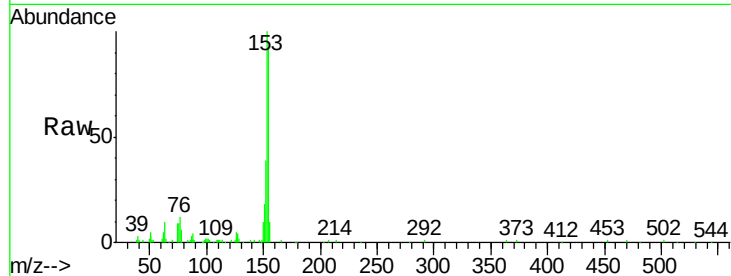
Tot Ion:154 Resp: 62789

Ion Ratio Lower Upper

154 100

153 107.5 90.4 135.6

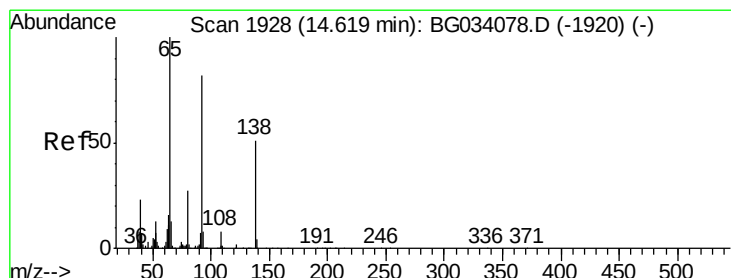
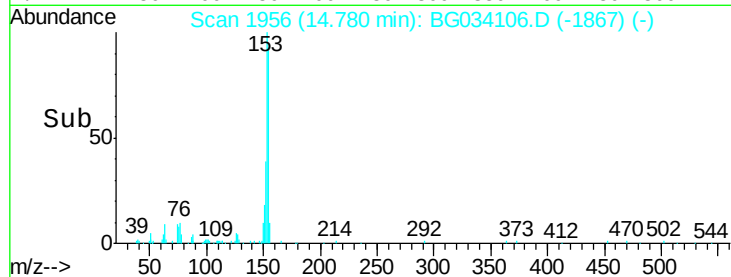
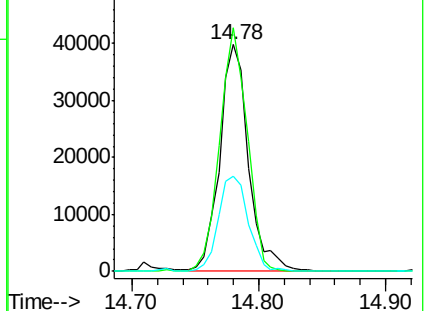
152 42.1 41.6 62.4



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: 4.517 ng

RT: 14.61 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

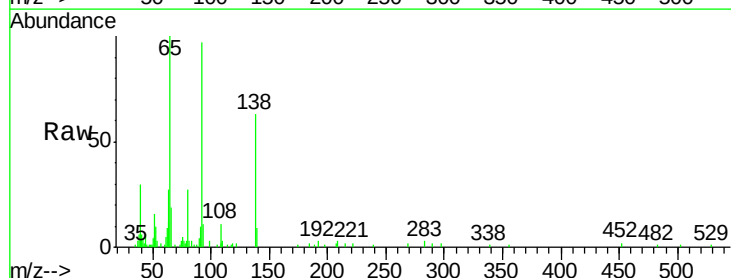
Tgt Ion:138 Resp: 14536

Ion Ratio Lower Upper

138 100

108 17.8 17.5 26.3

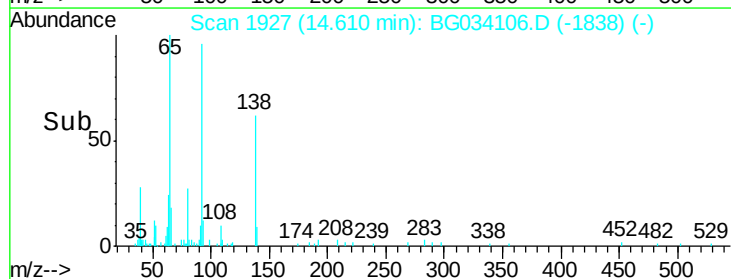
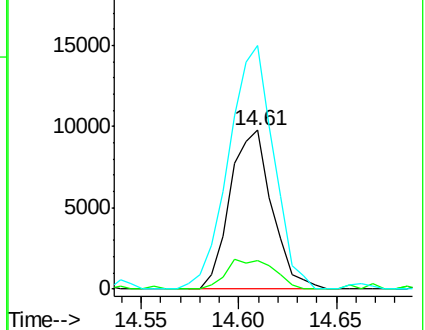
92 153.1 105.8 158.8

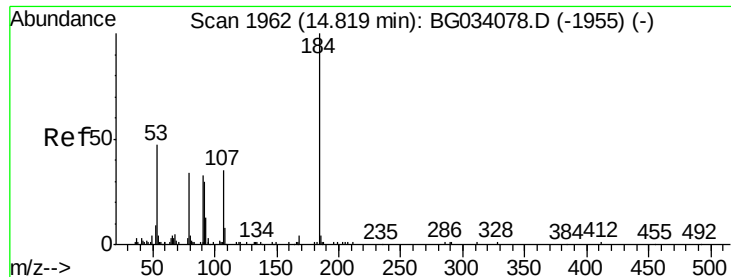


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

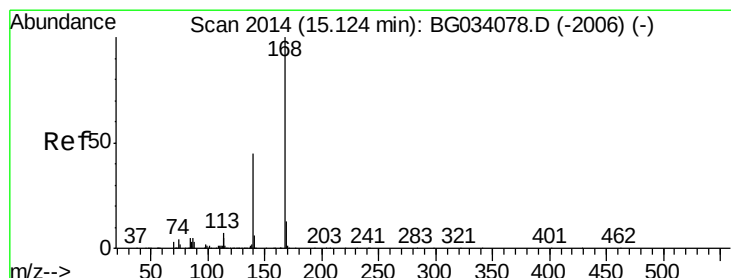
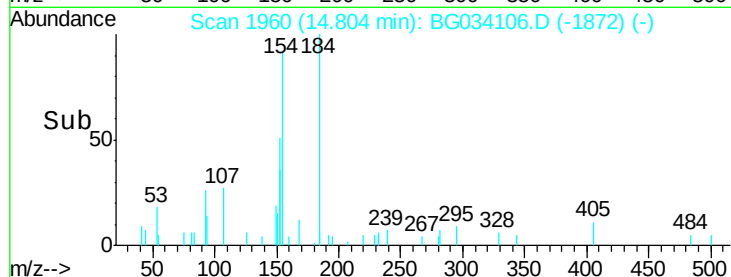
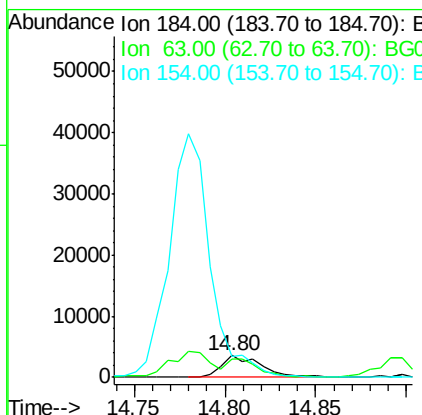
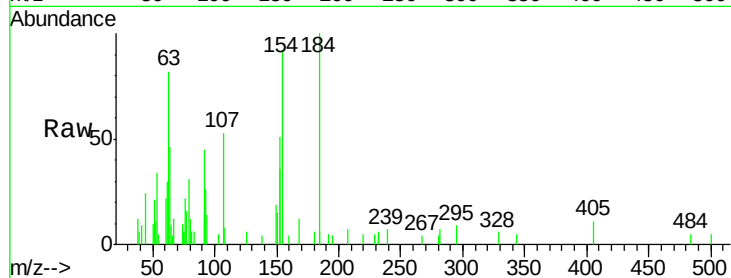




#53
2,4-Dinitrophenol
Concen: 4.267 ng
RT: 14.80 min Scan# 1960
Delta R.T. -0.02 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

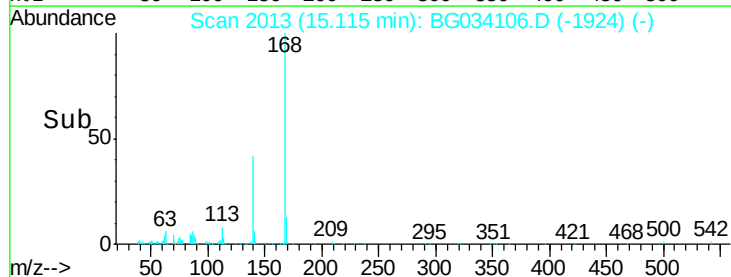
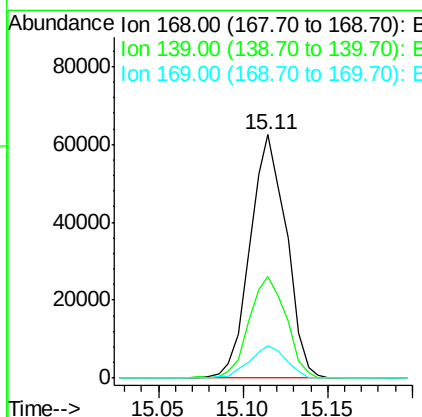
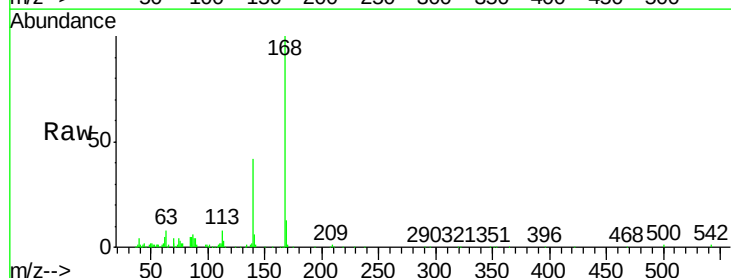
Instrument :
BNA_G
ClientSampleId :

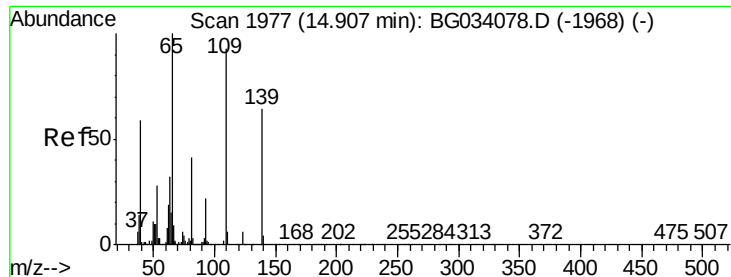
Tot Ion:184 Resp: 5329
Ion Ratio Lower Upper
184 100
63 81.6 59.8 89.8
154 92.2 101.8 152.8#



#54
Dibenzofuran
Concen: 5.211 ng
RT: 15.11 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

Tgt Ion:168 Resp: 92931
Ion Ratio Lower Upper
168 100
139 41.8 28.6 43.0
169 13.5 11.2 16.8





#55

4-Nitrophenol

Concen: 4.163 ng

RT: 14.89 min Scan# 1975

Delta R.T. -0.02 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Instrument :

BNA_G

ClientSampleId :

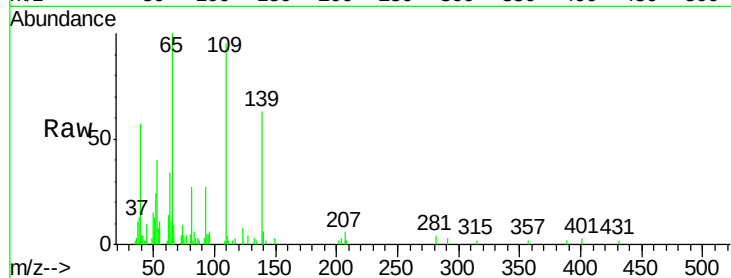
Tot Ion:139 Resp: 10224

Ion Ratio Lower Upper

139 100

109 138.0 62.2 102.2#

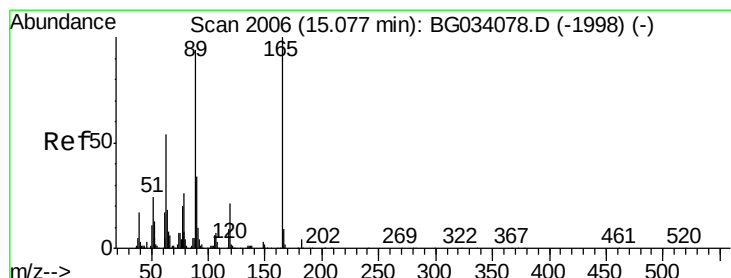
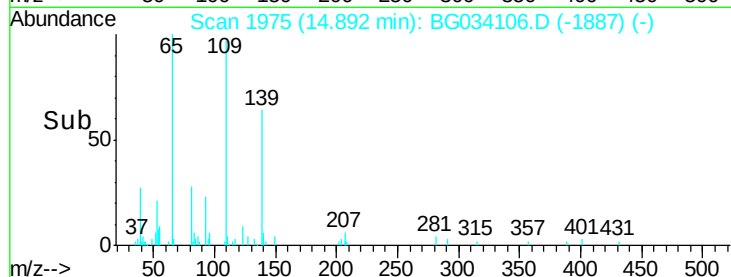
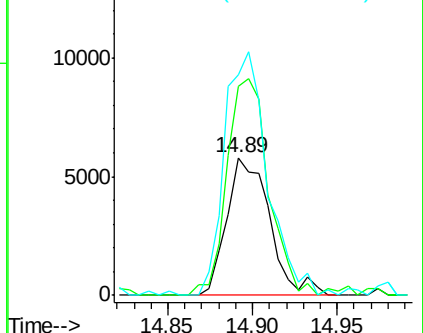
65 145.2 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 3.837 ng

RT: 15.06 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Tgt Ion:165 Resp: 16634

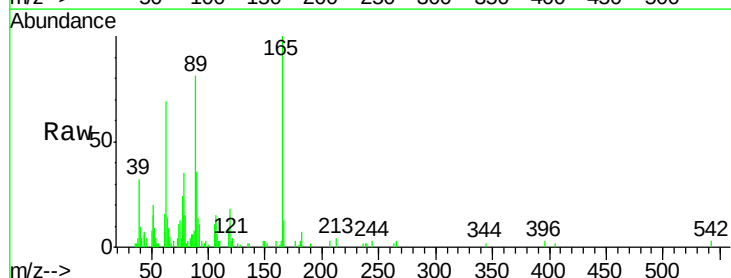
Ion Ratio Lower Upper

165 100

63 69.0 42.0 63.0#

89 81.3 66.9 100.3

182 7.2 2.6 3.8#

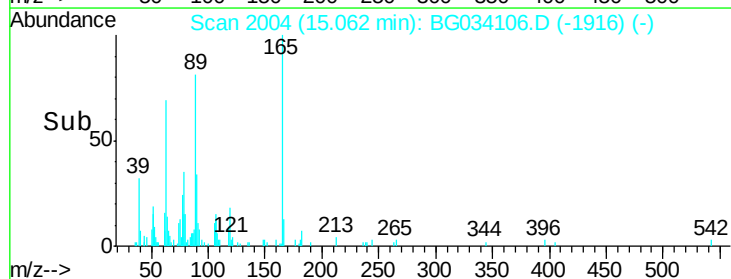
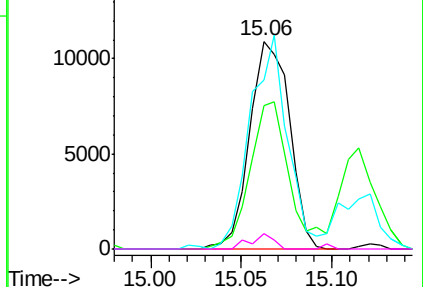


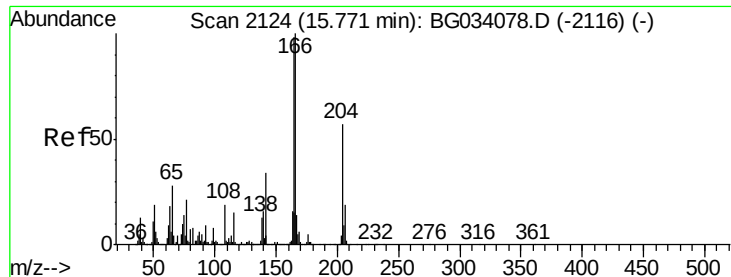
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 5.321 ng

RT: 15.77 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Instrument :

BNA_G

ClientSampleId :

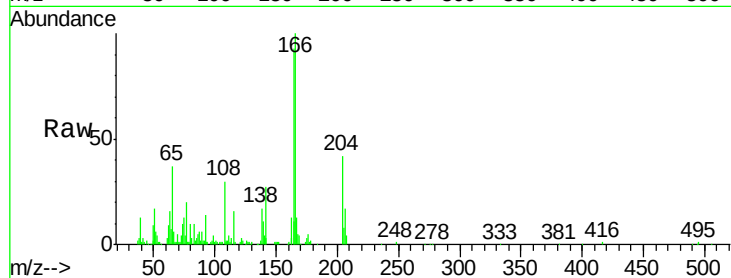
Tot Ion:166 Resp: 82711

Ion Ratio Lower Upper

166 100

165 93.0 80.6 121.0

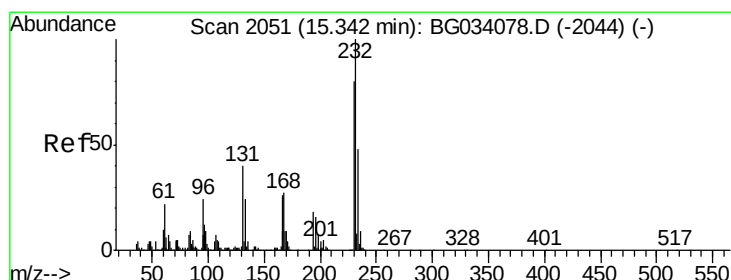
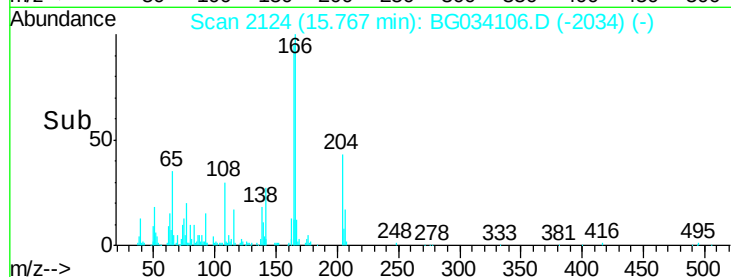
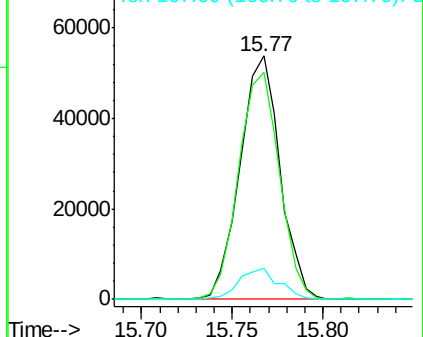
167 12.8 10.4 15.6



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: 4.550 ng

RT: 15.34 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Tgt Ion:232 Resp: 22426

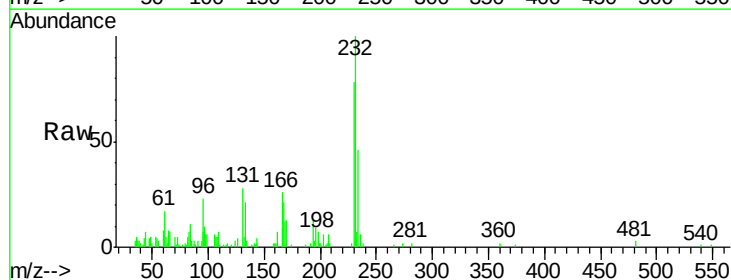
Ion Ratio Lower Upper

232 100

131 0.0 33.5 50.3#

130 1.0 2.2 3.2#

166 0.0 24.8 37.2#

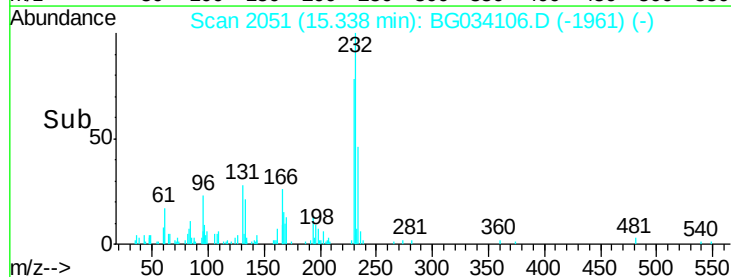
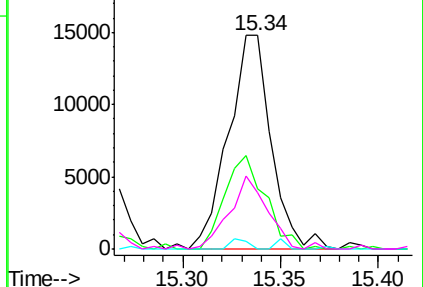


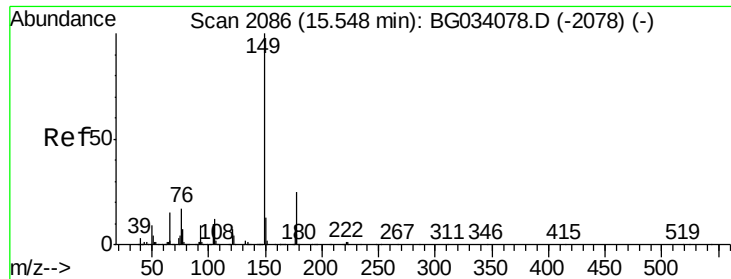
Abundance Ion 232.00 (231.70 to 232.70): E

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: 4.986 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG034106.D

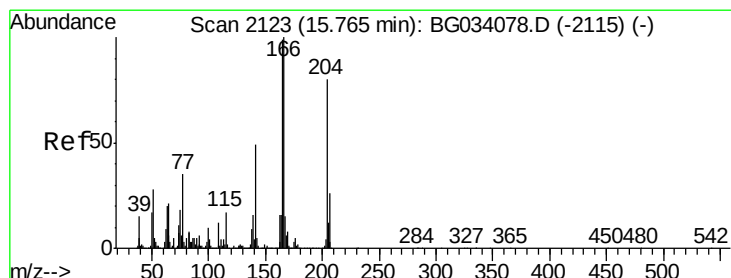
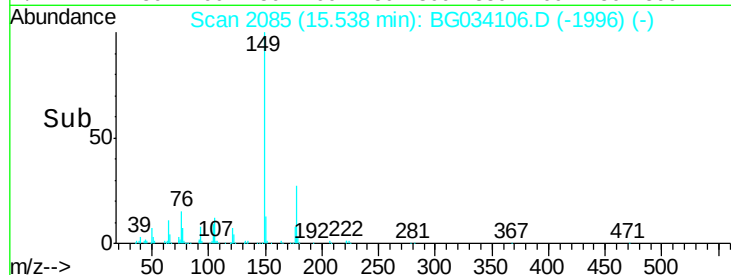
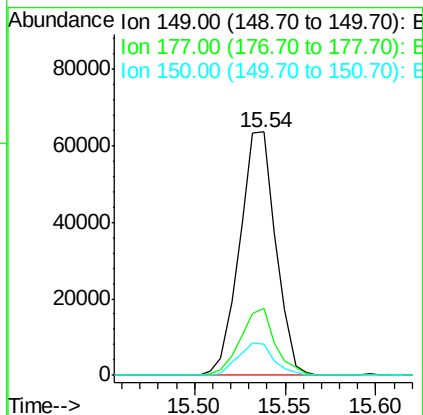
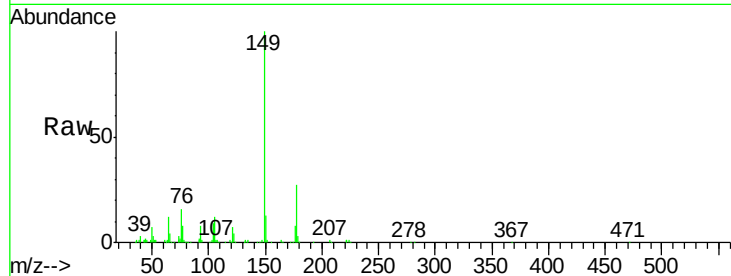
Acq: 2 May 2018 8:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	149	Resp:	87707
Ion	Ratio	Lower	Upper
149	100		
177	27.3	18.5	27.7
150	12.6	10.2	15.2



#60

4-Chlorophenyl-phenylether

Concen: 5.031 ng

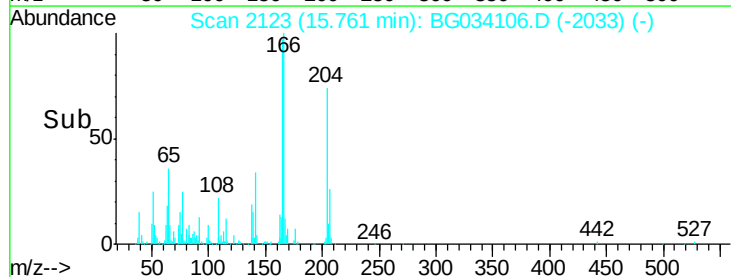
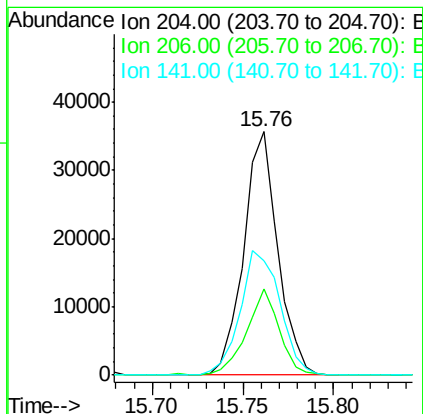
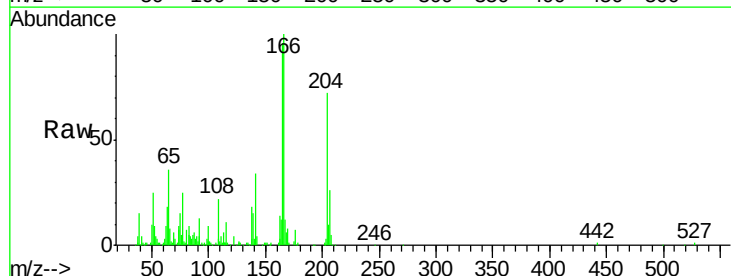
RT: 15.76 min Scan# 2123

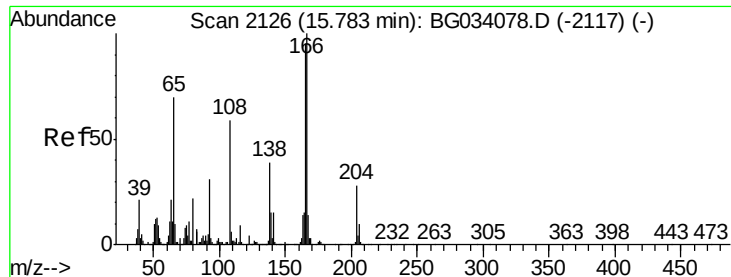
Delta R.T. -0.00 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Tgt Ion:	204	Resp:	46524
Ion	Ratio	Lower	Upper
204	100		
206	35.4	26.2	39.2
141	46.8	45.8	68.6

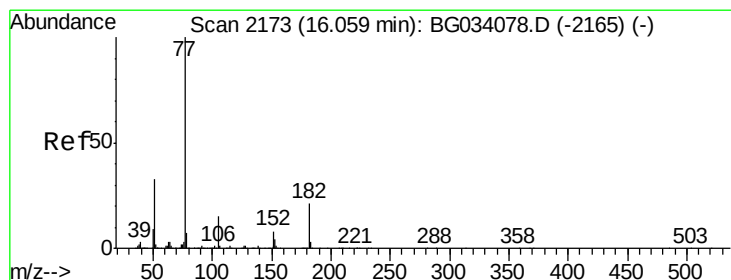
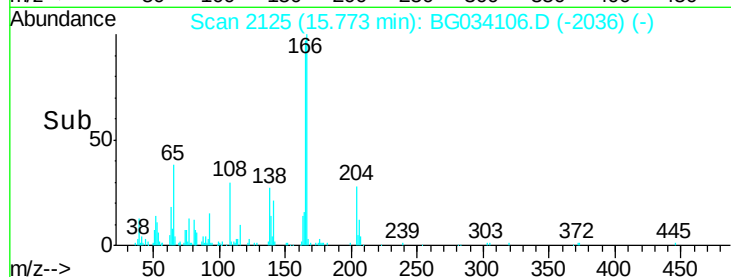
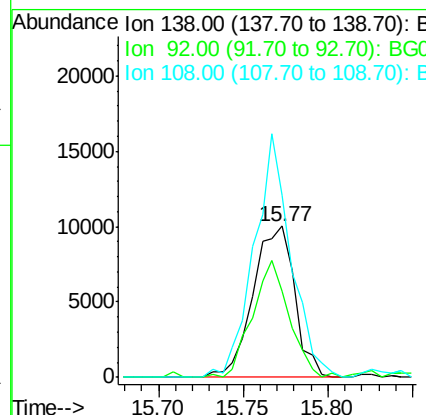
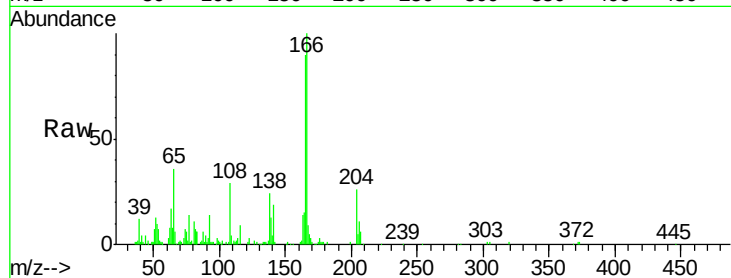




#61
4-Nitroaniline
Concen: 5.016 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

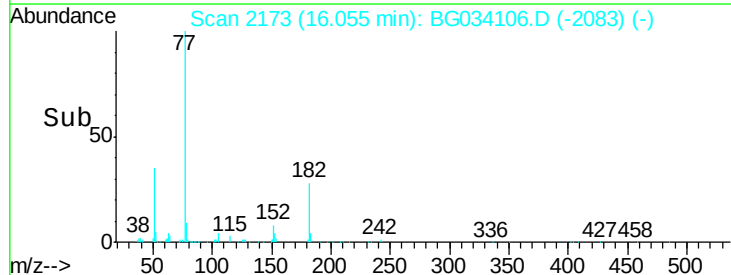
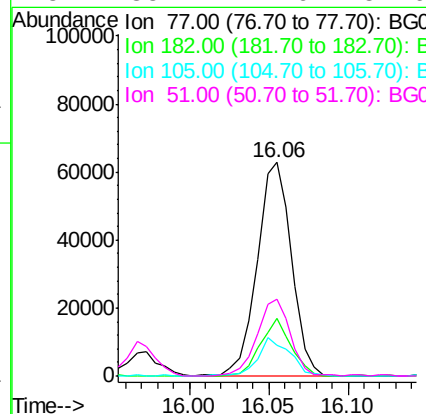
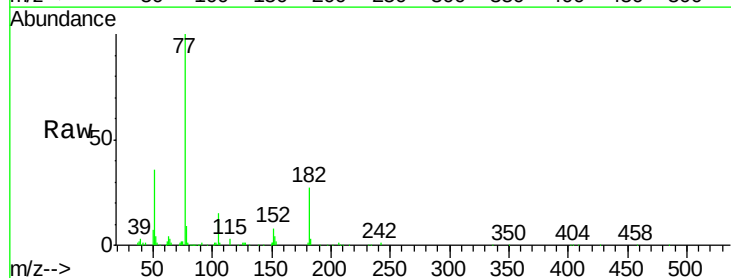
Instrument :
BNA_G
ClientSampled :

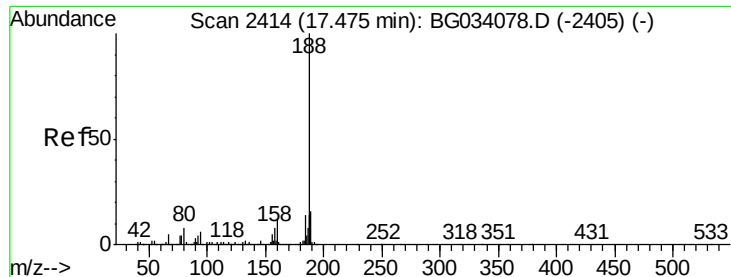
Tot Ion:138 Resp: 17120
Ion Ratio Lower Upper
138 100
92 56.6 40.1 80.1
108 120.2 65.4 105.4#



#62
Azobenzene
Concen: 4.995 ng
RT: 16.06 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

Tgt Ion: 77 Resp: 94912
Ion Ratio Lower Upper
77 100
182 26.9 7.4 47.4
105 14.6 0.3 40.3
51 35.7 11.6 51.6

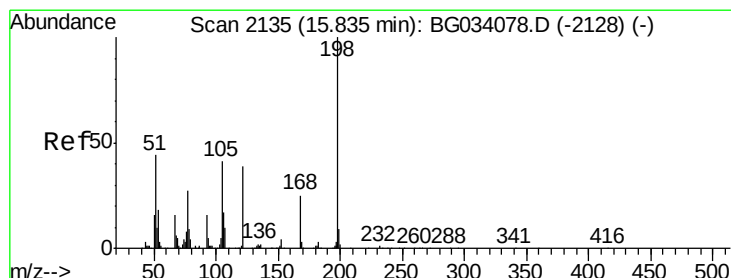
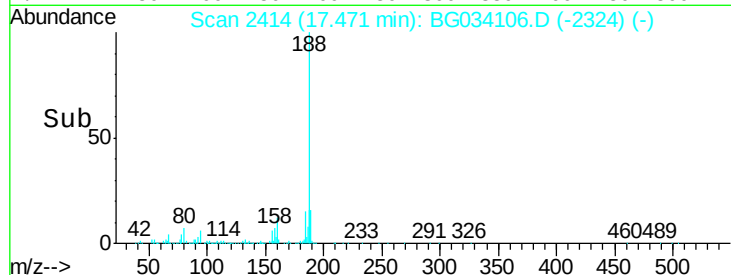
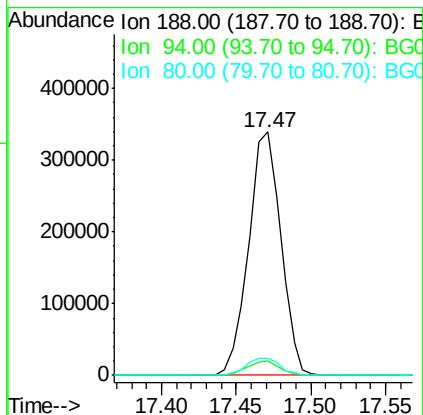
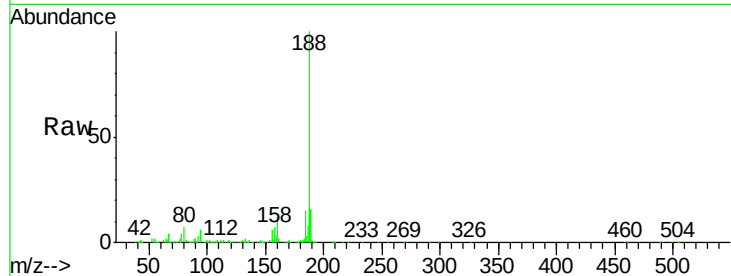




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

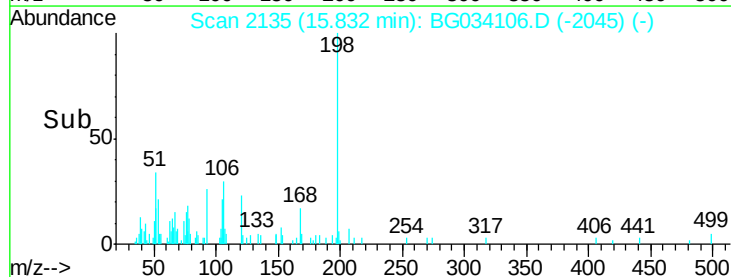
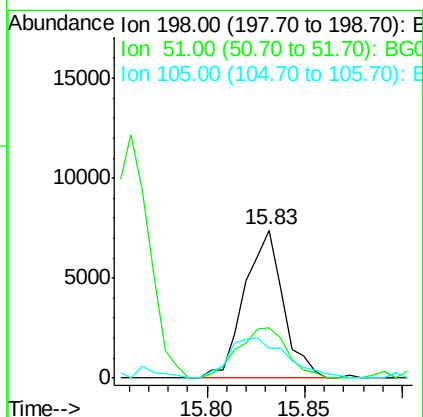
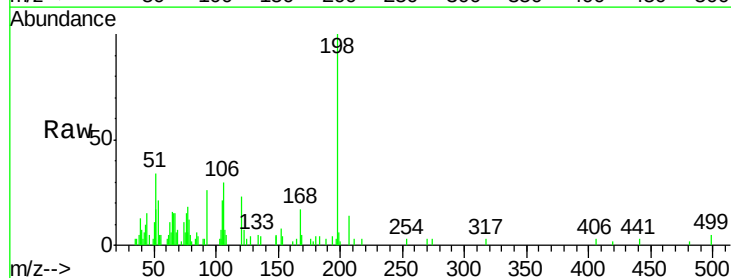
Instrument :
BNA_G
ClientSampleId :

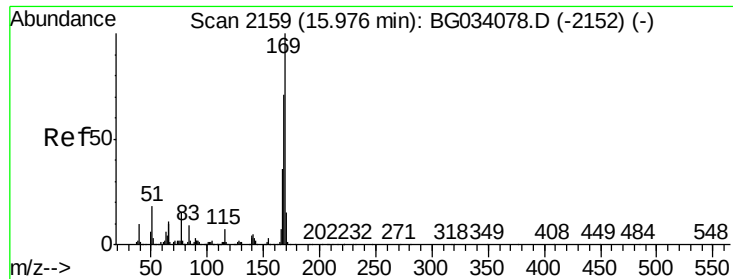
Tot Ion:188 Resp: 505636
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 7.1 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 4.246 ng
RT: 15.83 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

Tgt Ion:198 Resp: 10094
Ion Ratio Lower Upper
198 100
51 33.9 30.6 70.6
105 20.6 23.8 63.8#

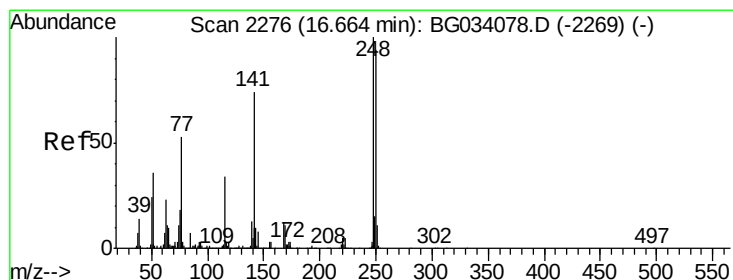
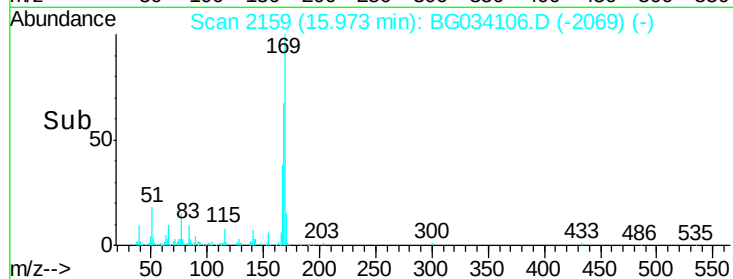
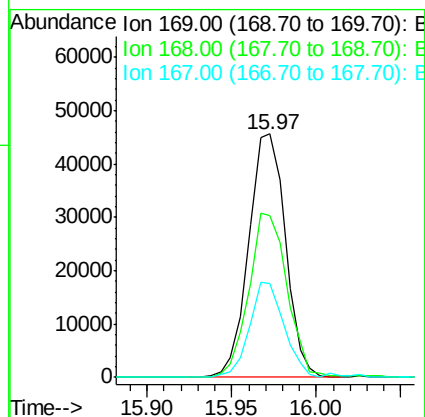
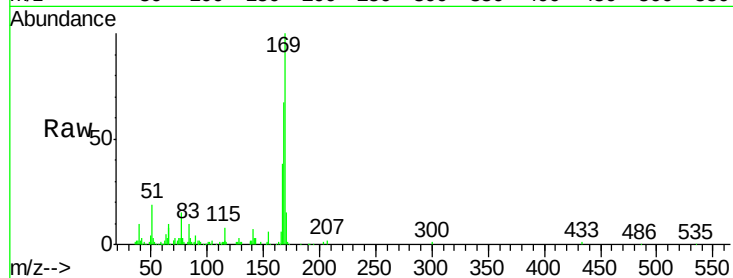




#65
 n-Nitrosodiphenylamine
 Concen: 5.023 ng
 RT: 15.97 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG034106.D
 Acq: 2 May 2018 8:39

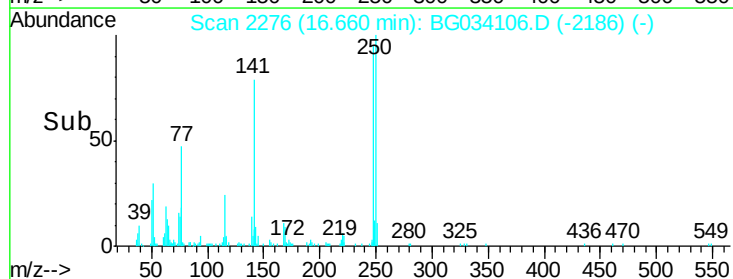
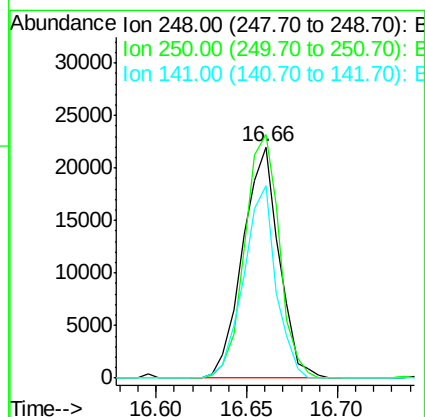
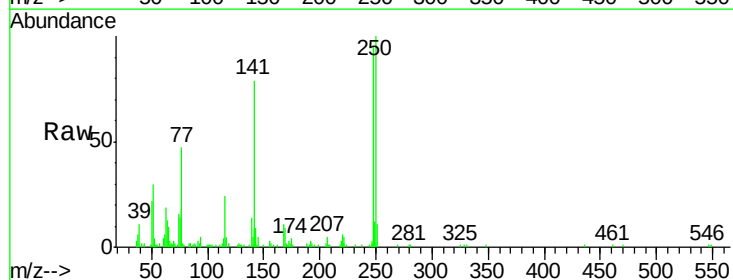
Instrument :
 BNA_G
 ClientSampleId :

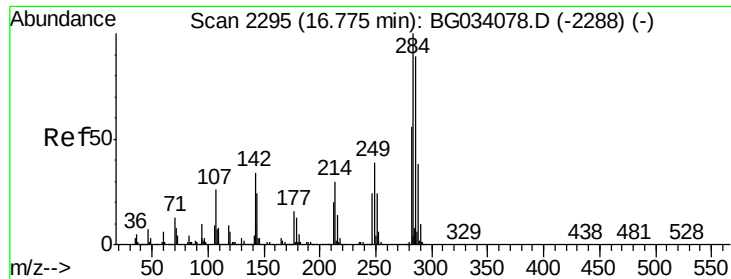
Tot Ion:169 Resp: 69257
 Ion Ratio Lower Upper
 169 100
 168 66.7 55.7 83.5
 167 38.4 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 4.865 ng
 RT: 16.66 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BG034106.D
 Acq: 2 May 2018 8:39

Tgt Ion:248 Resp: 30540
 Ion Ratio Lower Upper
 248 100
 250 105.3 77.1 115.7
 141 83.3 50.8 76.2#

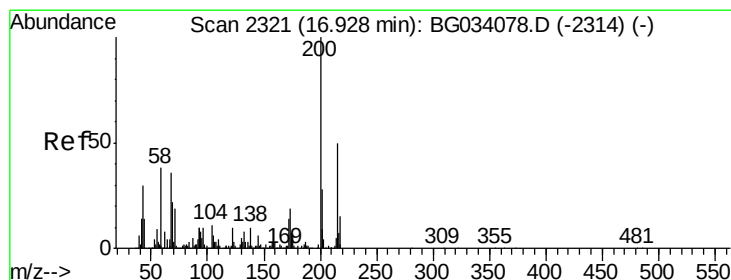
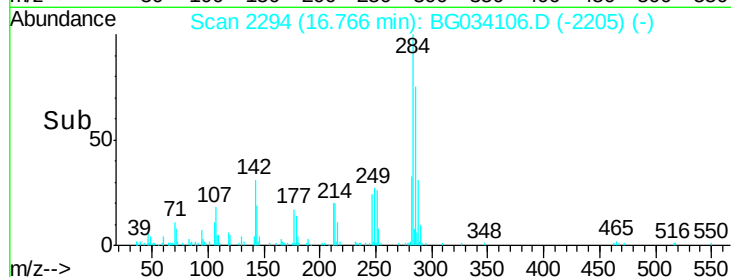
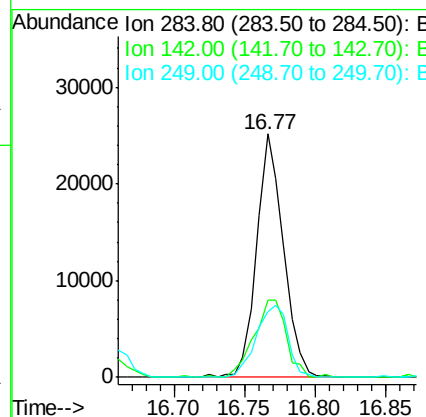
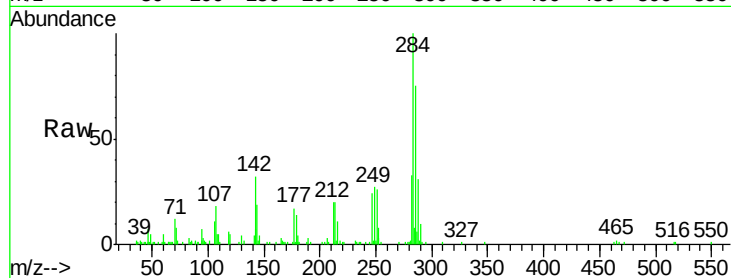




#67
Hexachlorobenzene
Concen: 5.291 ng
RT: 16.77 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

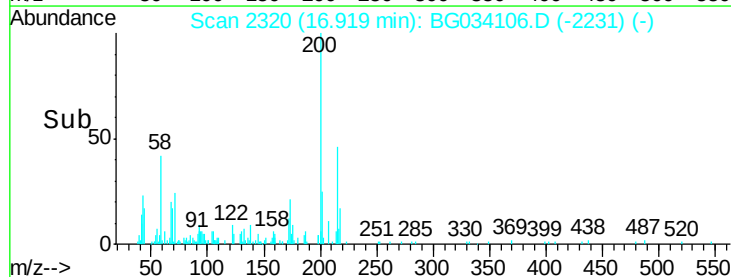
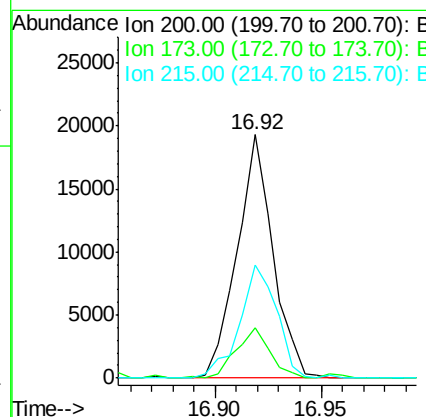
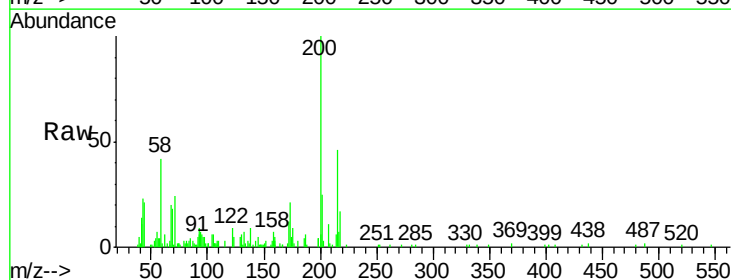
Instrument :
BNA_G
ClientSampleId :

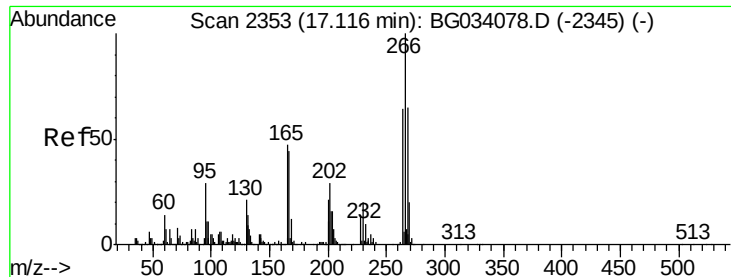
Tot Ion	Ratio	Lower	Upper
284	100		
142	31.8	26.8	40.2
249	29.3	26.3	39.5



#68
Atrazine
Concen: 3.612 ng
RT: 16.92 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

Tgt Ion	Ratio	Lower	Upper
200	100		
173	20.8	5.2	45.2
215	46.2	30.4	70.4





#69

Pentachlorophenol

Concen: 3.996 ng

RT: 17.11 min Scan# 2352

Delta R.T. -0.01 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Instrument :

BNA_G

ClientSampleId :

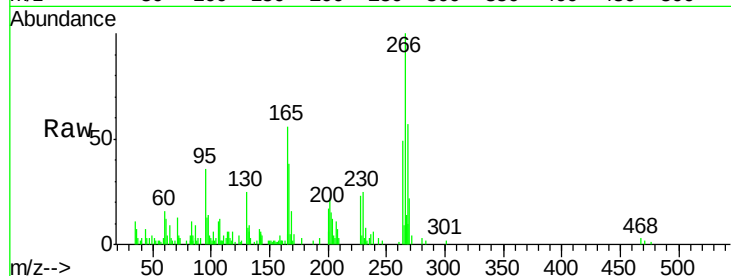
Tot Ion:266 Resp: 17748

Ion Ratio Lower Upper

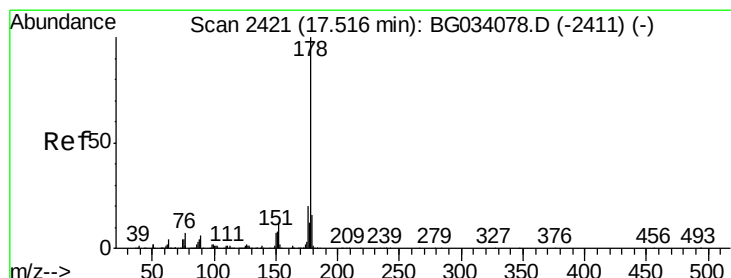
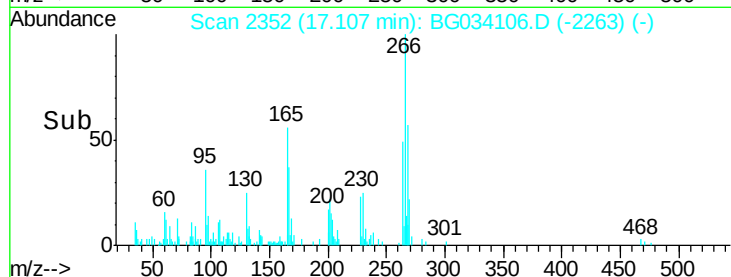
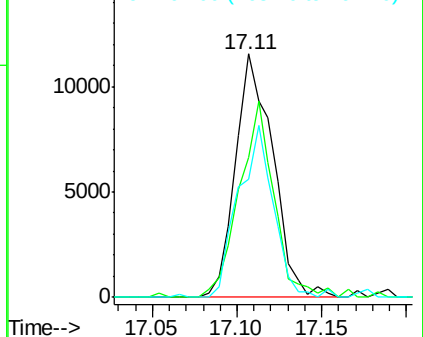
266 100

268 57.3 51.1 76.7

264 57.6 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: 5.248 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

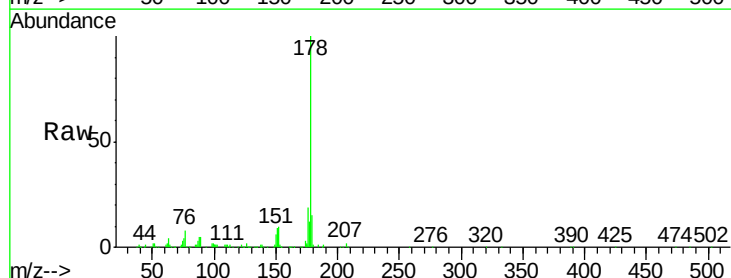
Tgt Ion:178 Resp: 136364

Ion Ratio Lower Upper

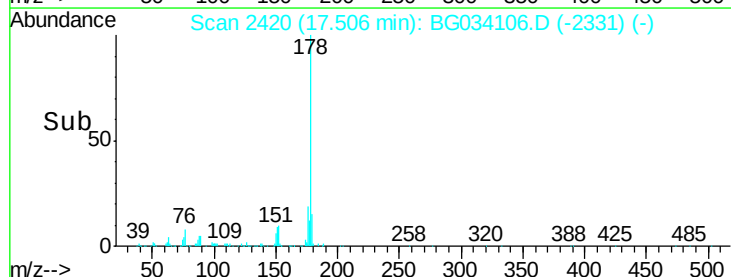
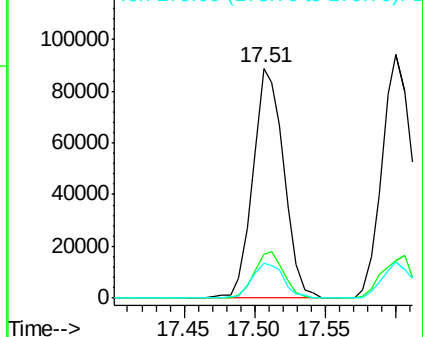
178 100

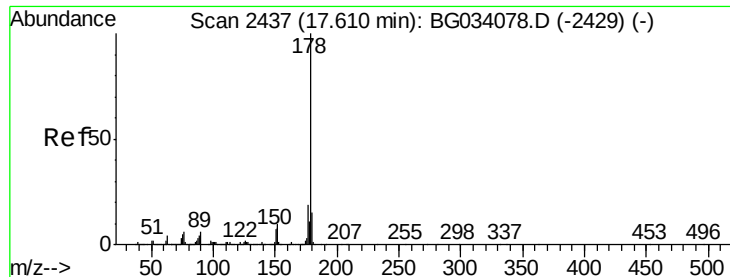
176 18.8 15.7 23.5

179 15.5 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: 5.179 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.10 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Instrument :

BNA_G

ClientSampleId :

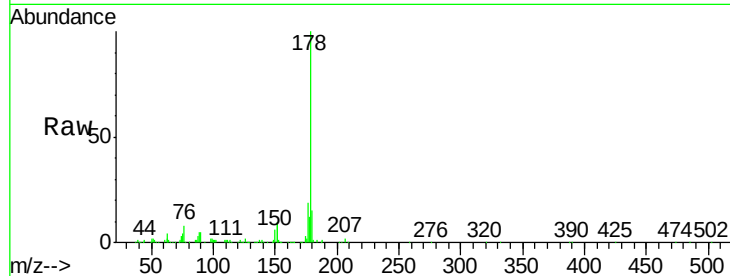
Tot Ion:178 Resp: 136364

Ion Ratio Lower Upper

178 100

176 18.8 16.0 24.0

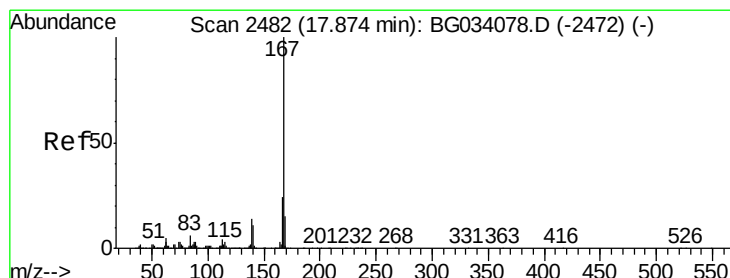
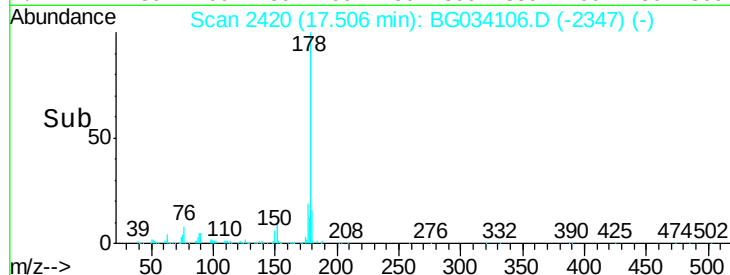
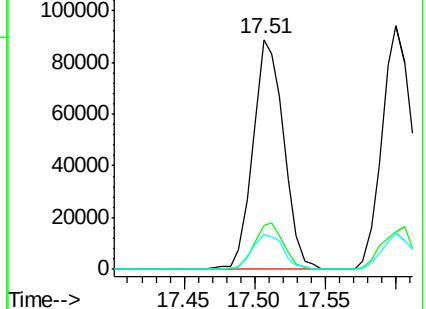
179 15.5 12.5 18.7



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



#72

Carbazole

Concen: 5.016 ng

RT: 17.86 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

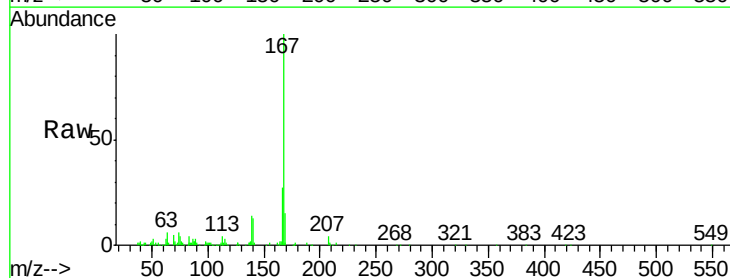
Tgt Ion:167 Resp: 120909

Ion Ratio Lower Upper

167 100

166 26.6 18.2 27.4

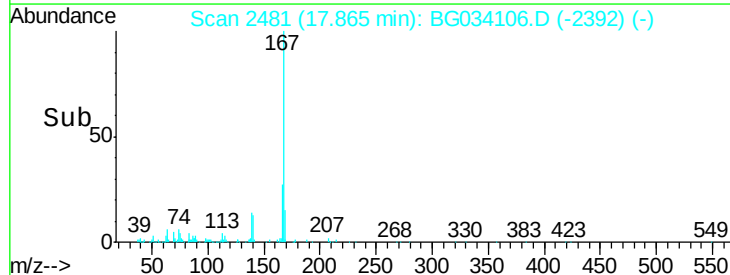
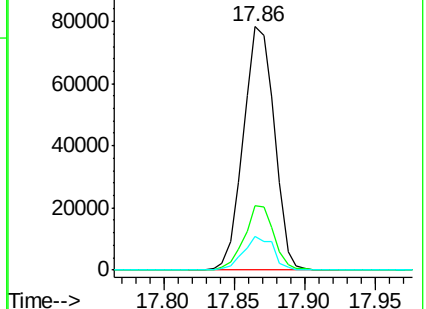
139 13.9 9.4 14.2

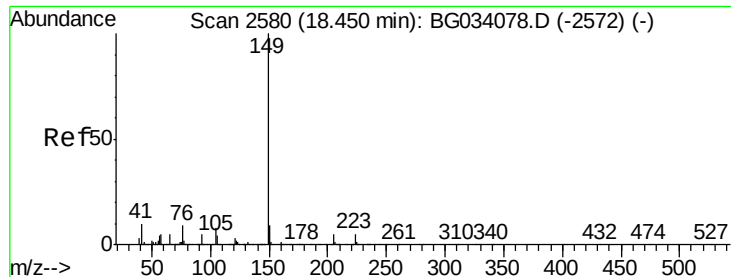


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 5.330 ng

RT: 18.44 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Instrument :

BNA_G

ClientSampleId :

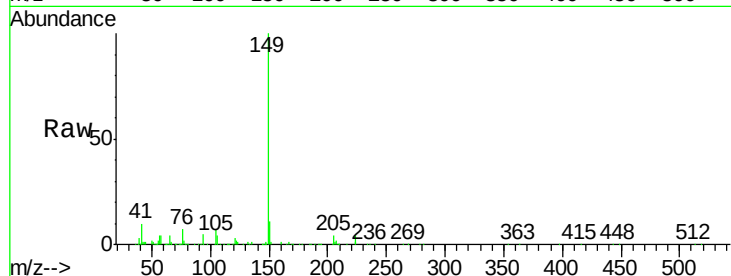
Tot Ion:149 Resp: 154643

Ion Ratio Lower Upper

149 100

150 11.0 7.8 11.6

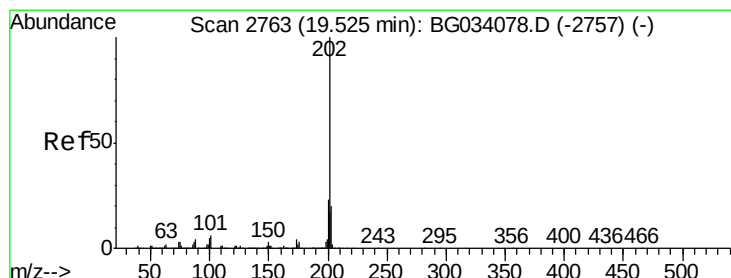
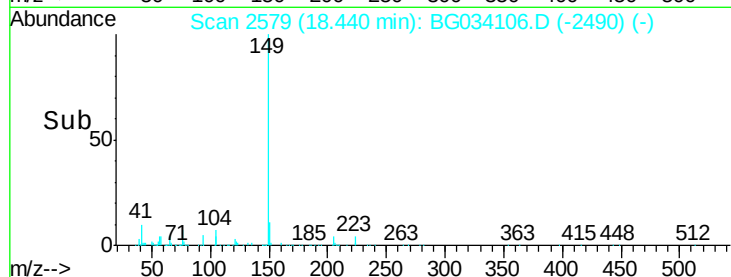
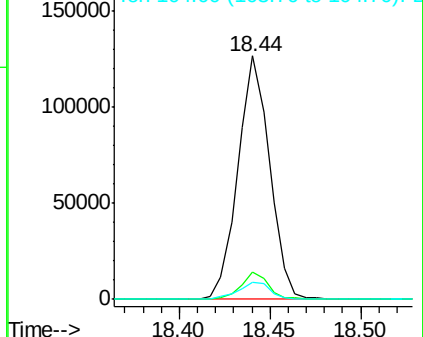
104 7.1 3.9 5.9#



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: 5.329 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

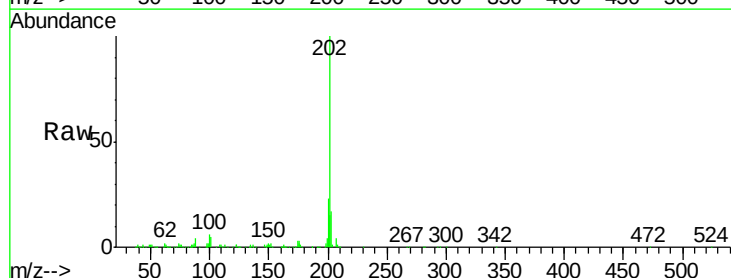
Tgt Ion:202 Resp: 174959

Ion Ratio Lower Upper

202 100

101 5.5 0.0 28.9

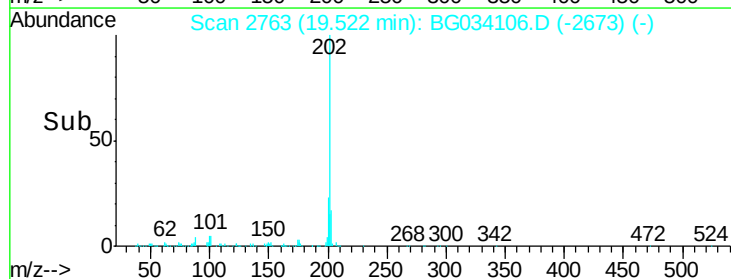
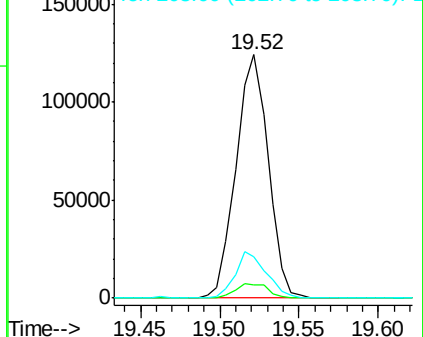
203 16.9 0.0 37.5

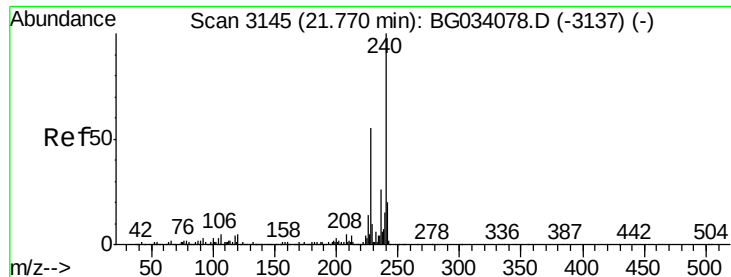


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Instrument :

BNA_G

ClientSampleId :

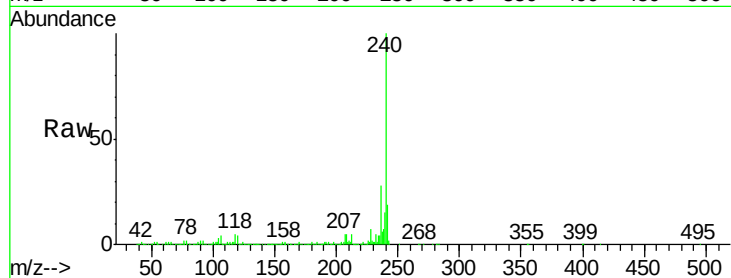
Tot Ion:240 Resp: 606125

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

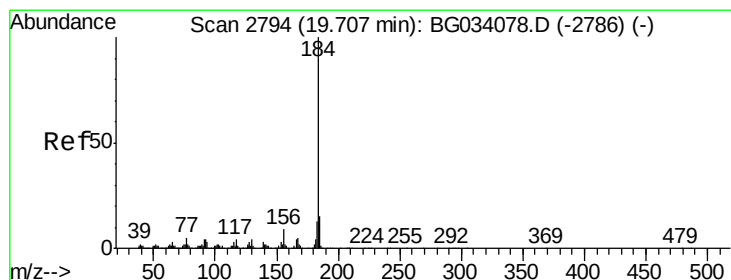
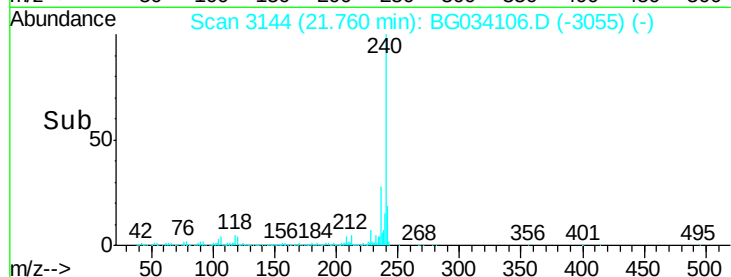
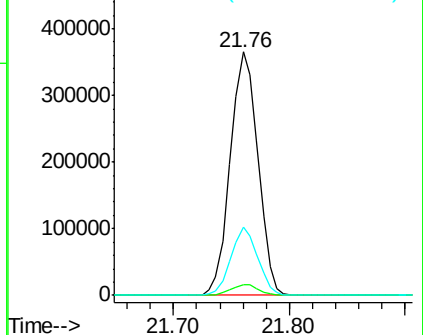
236 28.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 3.654 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

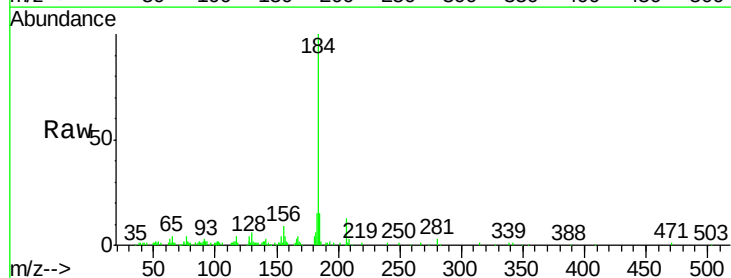
Tgt Ion:184 Resp: 57056

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

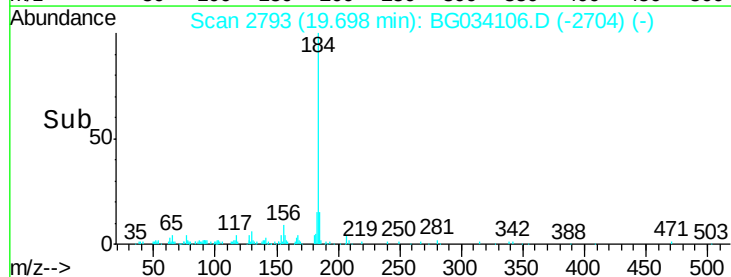
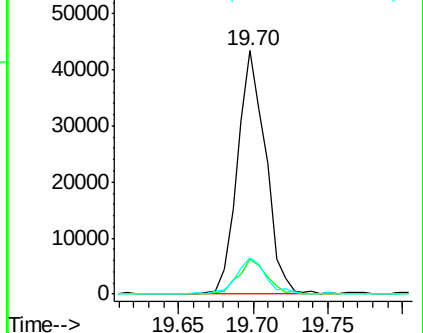
183 15.0 10.6 16.0

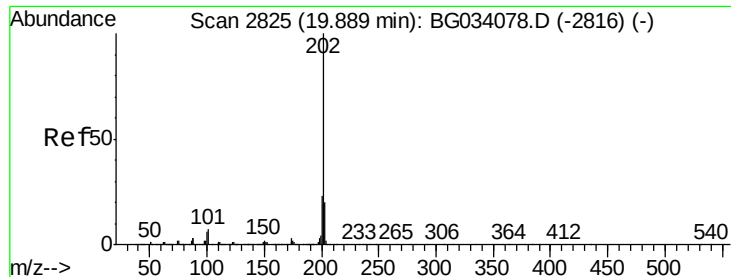


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 5.007 ng

RT: 19.88 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BG034106.D

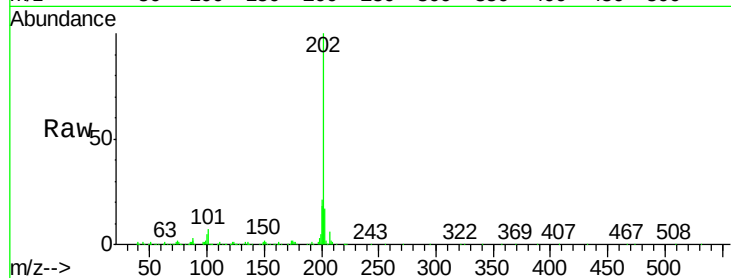
Acq: 2 May 2018 8:39

Instrument :

BNA_G

ClientSampleId :

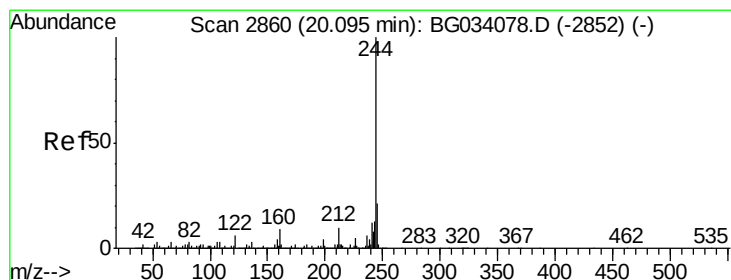
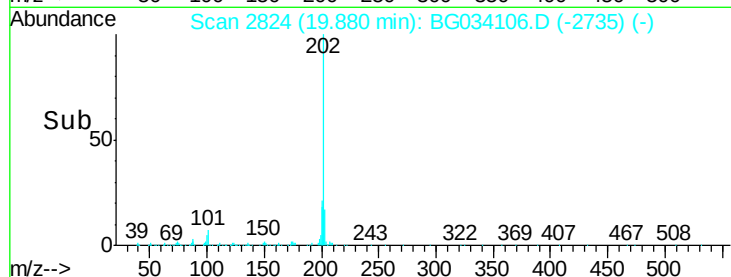
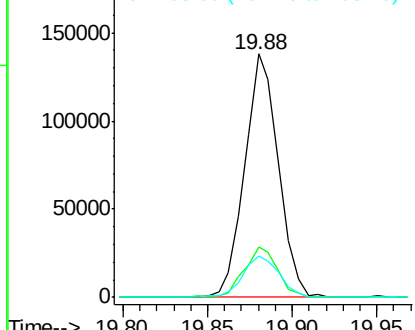
Tot Ion:	202	Resp:	190158
Ion Ratio		Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.0	13.9	20.9



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: 80.416 ng

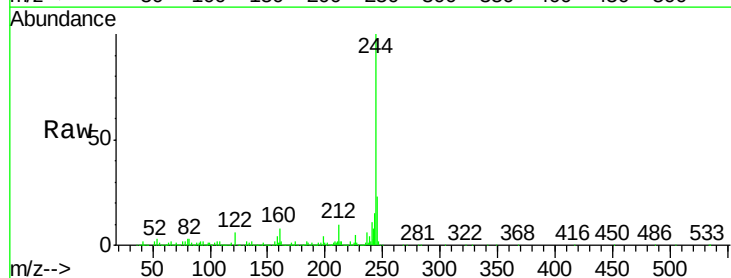
RT: 20.09 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

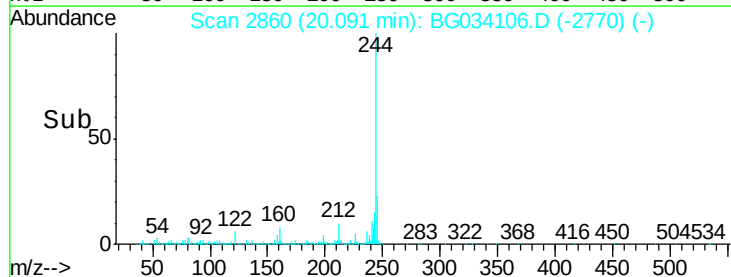
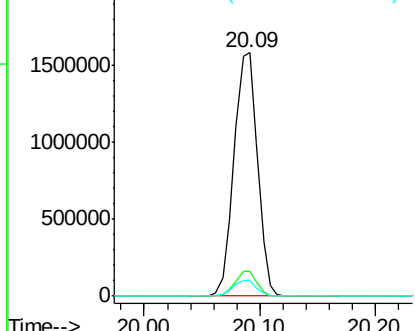
Tgt Ion:	244	Resp:	2224992
Ion Ratio		Lower	Upper
244	100		
212	10.1	5.8	8.8#
122	6.3	7.0	10.4#

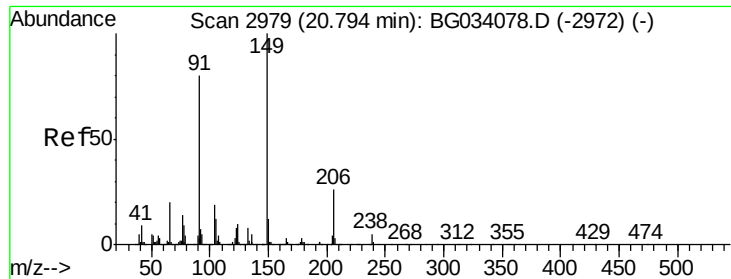


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

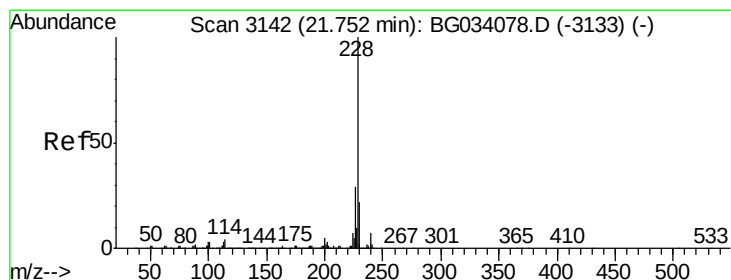
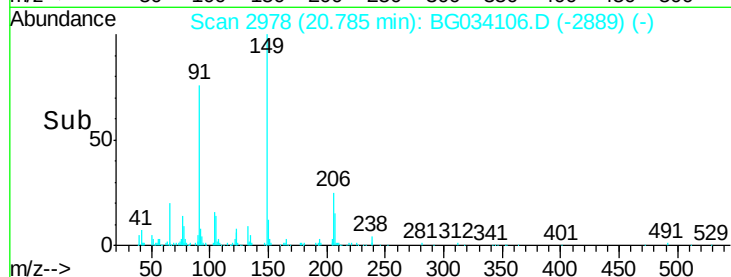
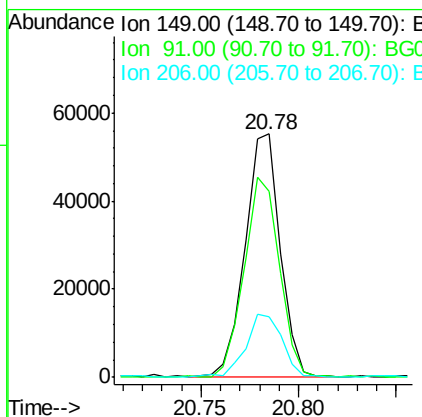
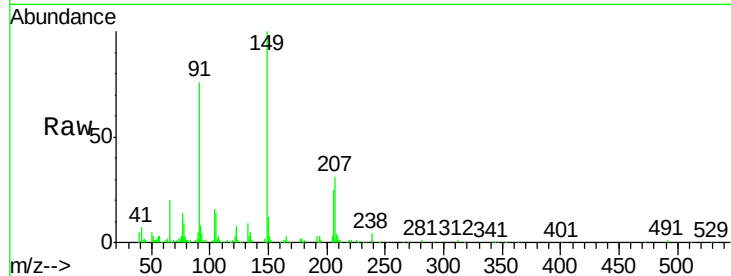




#79
Butylbenzylphthalate
Concen: 4.660 ng
RT: 20.78 min Scan# 2978
Delta R.T. -0.01 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

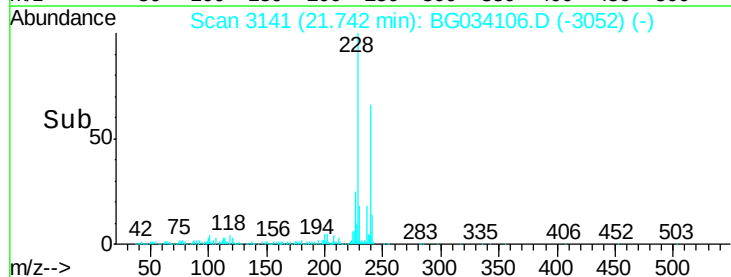
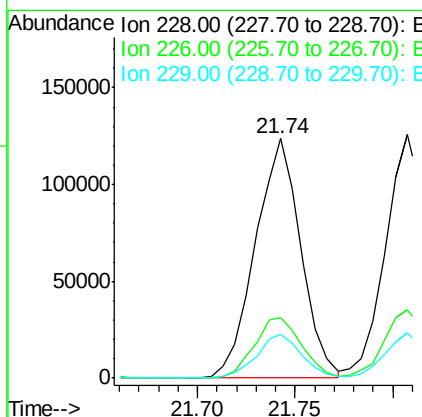
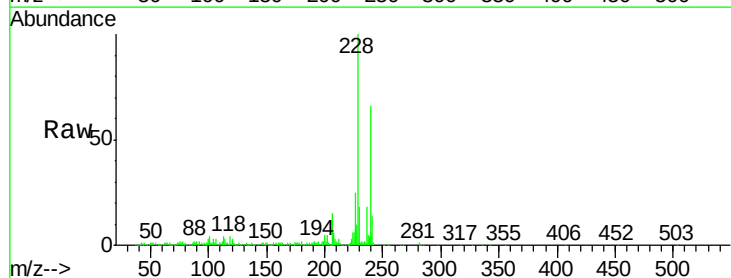
Instrument :
BNA_G
ClientSampleId :

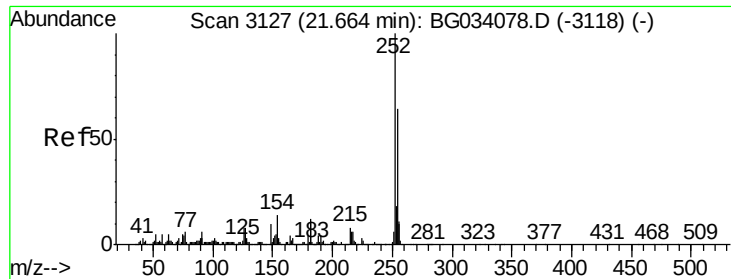
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.3	62.2	93.2
206	25.1	18.6	27.8



#80
Benzo(a)anthracene
Concen: 5.122 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG034106.D
Acq: 2 May 2018 8:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.4	22.7	34.1
229	18.2	16.2	24.2

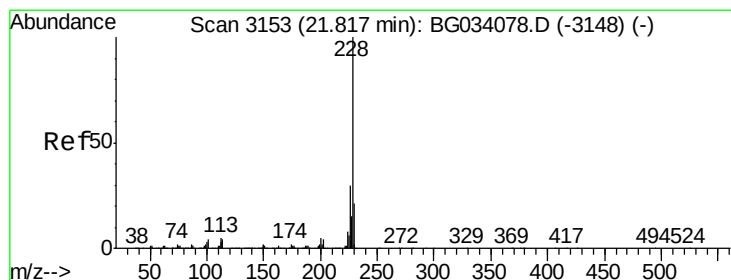
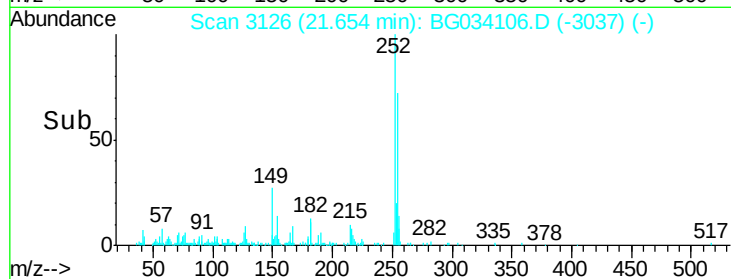
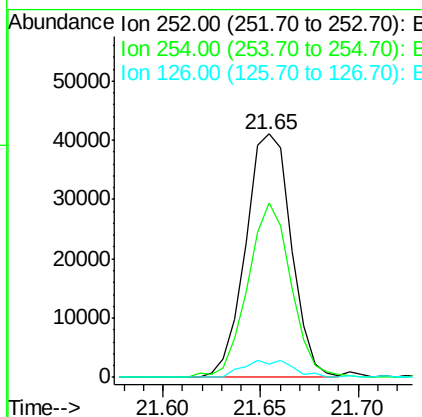
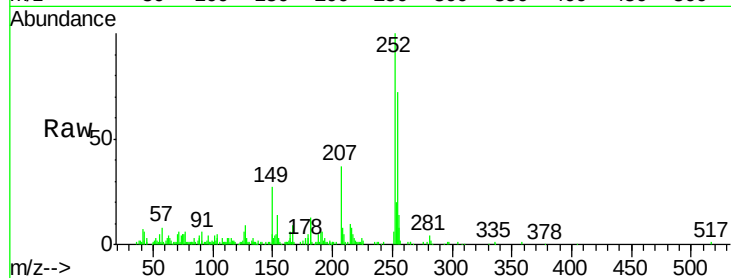




#81
 3,3'-Dichlorobenzidine
 Concen: 4.525 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG034106.D
 Acq: 2 May 2018 8:39

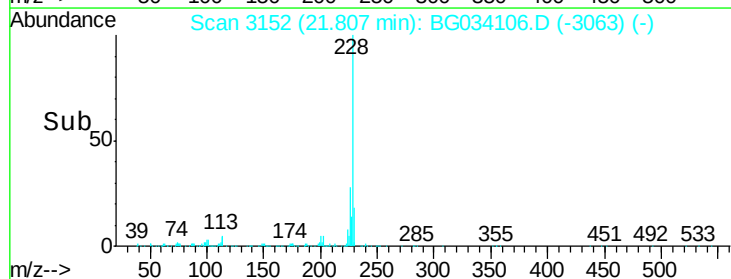
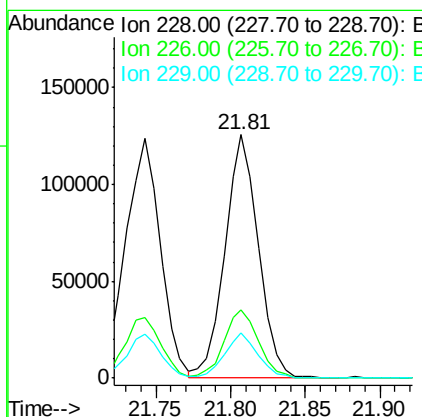
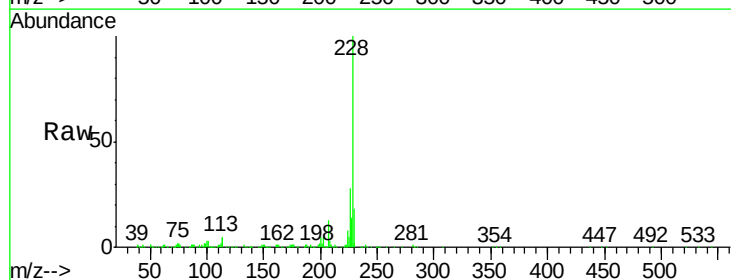
Instrument :
 BNA_G
 ClientSampleId :

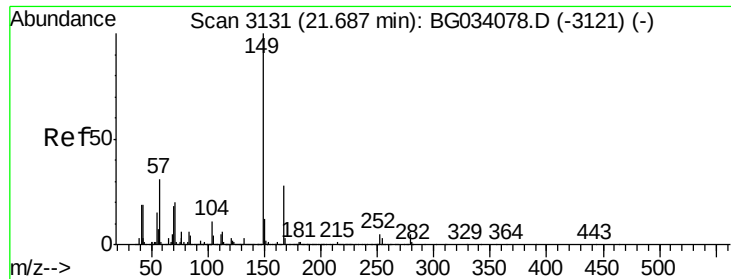
Tot Ion:252 Resp: 66464
 Ion Ratio Lower Upper
 252 100
 254 71.6 50.8 76.2
 126 5.6 7.4 11.2#



#82
 Chrysene
 Concen: 5.288 ng
 RT: 21.81 min Scan# 3152
 Delta R.T. -0.01 min
 Lab File: BG034106.D
 Acq: 2 May 2018 8:39

Tgt Ion:228 Resp: 196603
 Ion Ratio Lower Upper
 228 100
 226 28.0 24.9 37.3
 229 18.4 15.0 22.4

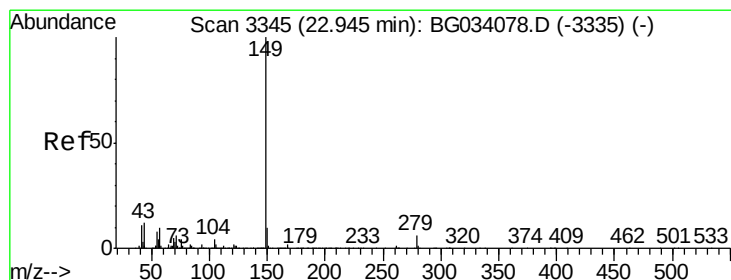
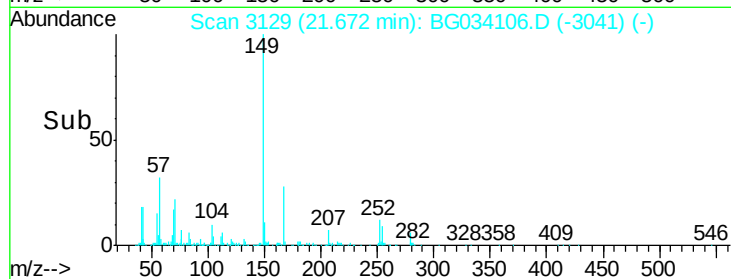
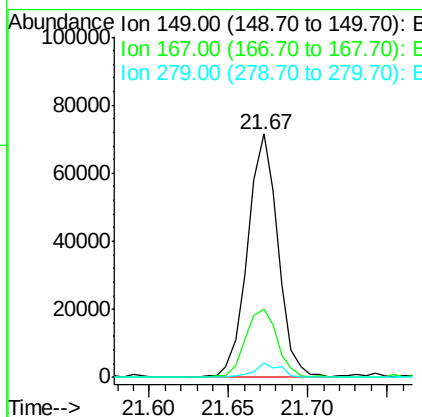
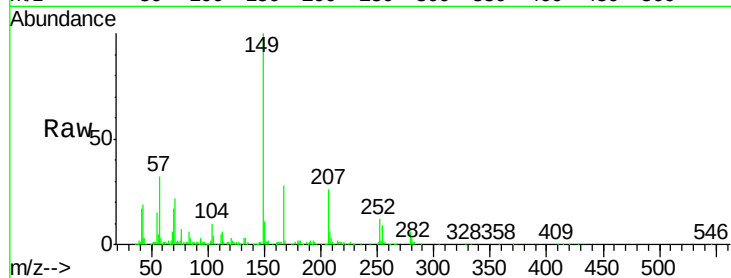




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.673 ng
 RT: 21.67 min Scan# 3129
 Delta R.T. -0.02 min
 Lab File: BG034106.D
 Acq: 2 May 2018 8:39

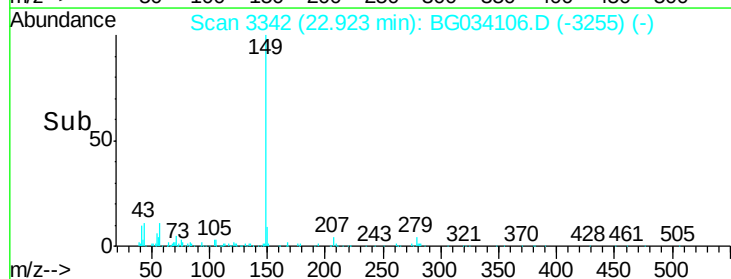
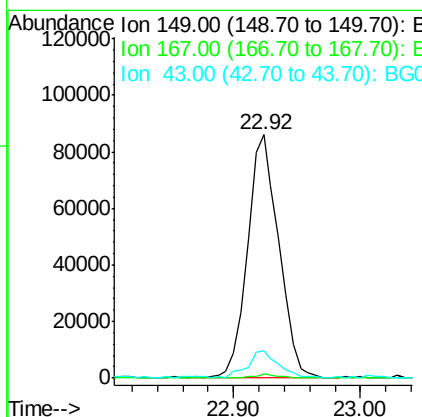
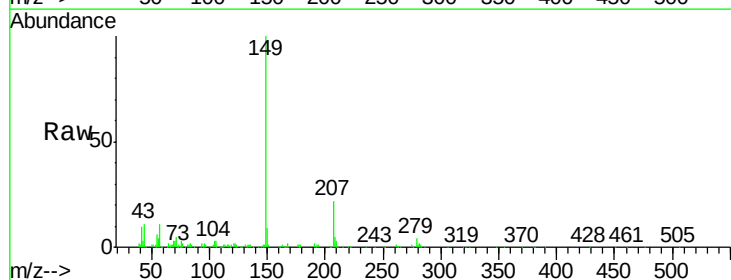
Instrument :
 BNA_G
 ClientSampled :

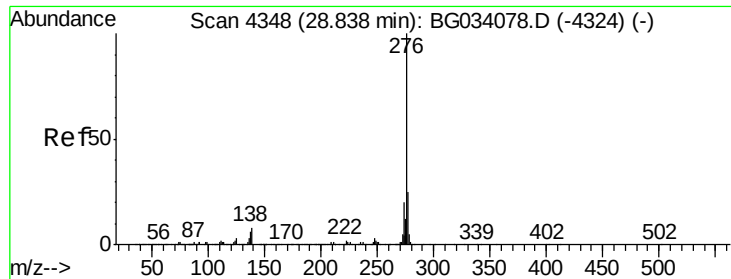
Tot Ion	149	Resp	95346
Ion Ratio	Lower	Upper	
149	100		
167	27.8	24.3	36.5
279	6.1	4.0	6.0#



#84
 Di-n-octyl phthalate
 Concen: 4.491 ng
 RT: 22.92 min Scan# 3342
 Delta R.T. -0.02 min
 Lab File: BG034106.D
 Acq: 2 May 2018 8:39

Tgt Ion	149	Resp	146356
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.4	2.0
43	11.7	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 4.153 ng

RT: 28.81 min Scan# 4344

Delta R.T. -0.03 min

Lab File: BG034106.D

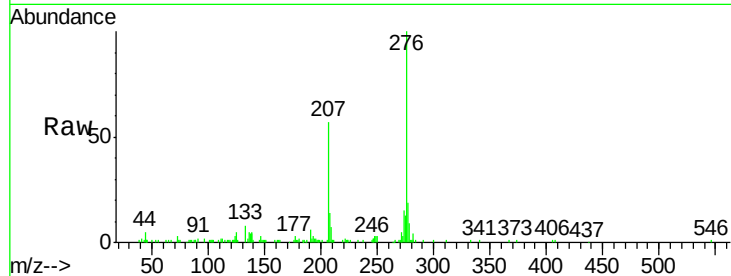
Acq: 2 May 2018 8:39

Instrument :

BNA_G

ClientSampleId :

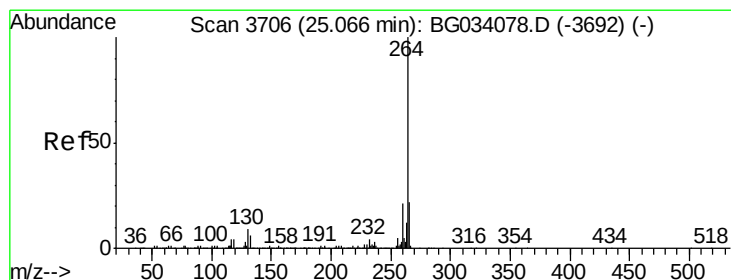
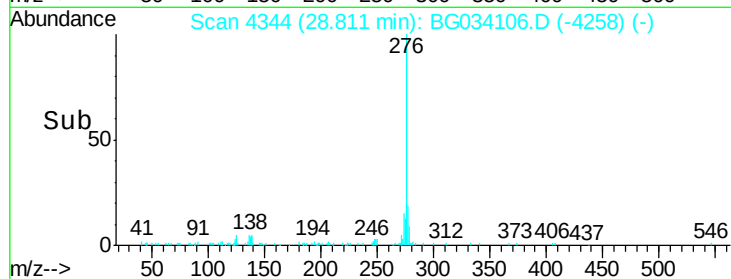
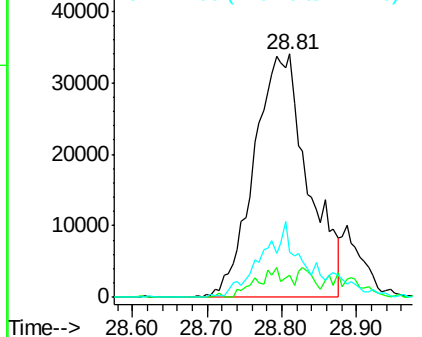
Tot Ion:276	Resp:	169918
Ion Ratio	Lower	Upper
276	100	
138	5.8	16.0 24.0#
277	20.8	20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

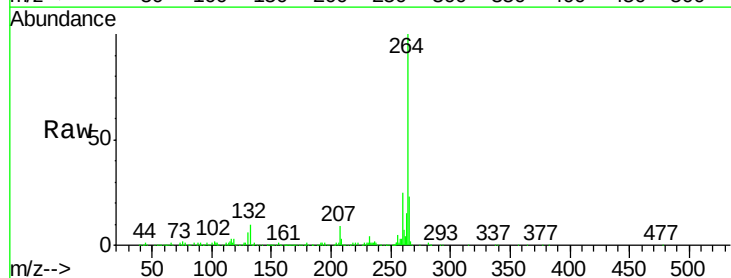
RT: 25.06 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

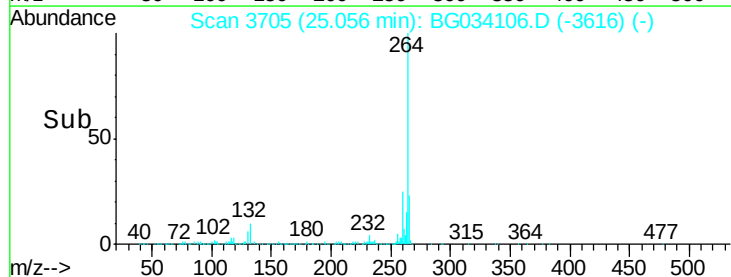
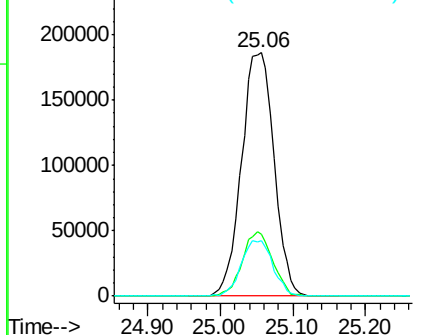
Tgt Ion:264	Resp:	581110
Ion Ratio	Lower	Upper
264	100	
260	25.2	17.4 26.0
265	22.9	17.7 26.5

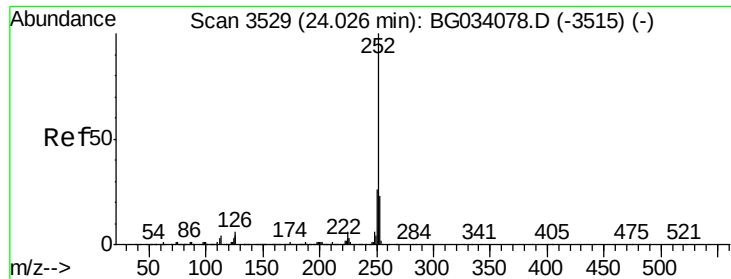


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 4.794 ng

RT: 24.00 min Scan# 3525

Delta R.T. -0.03 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Instrument :

BNA_G

ClientSampleId :

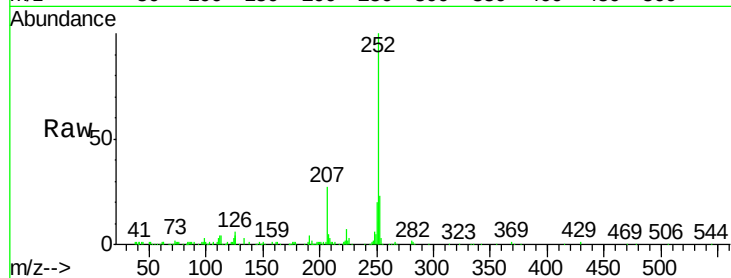
Tot Ion:252 Resp: 175982

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

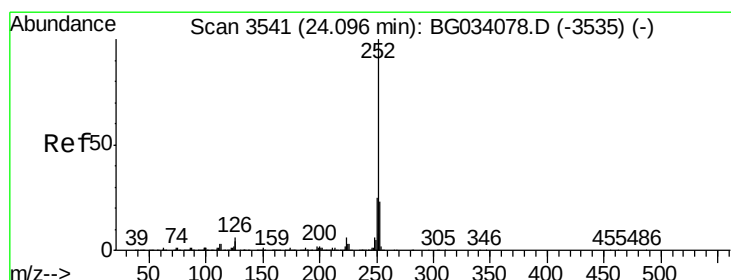
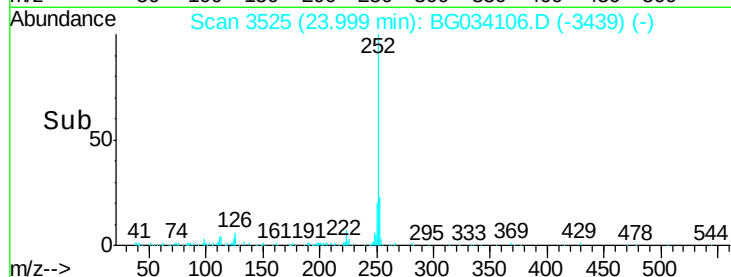
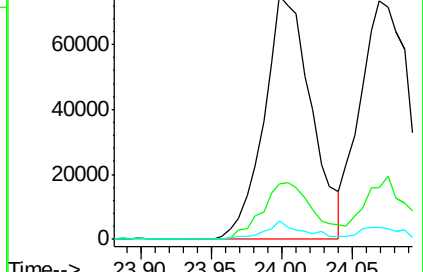
125 7.4 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 5.016 ng

RT: 24.00 min Scan# 3525

Delta R.T. -0.10 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

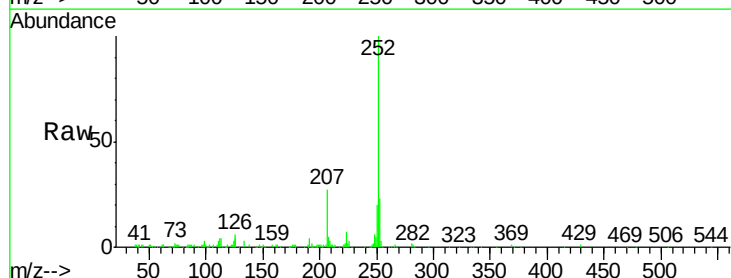
Tgt Ion:252 Resp: 175982

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

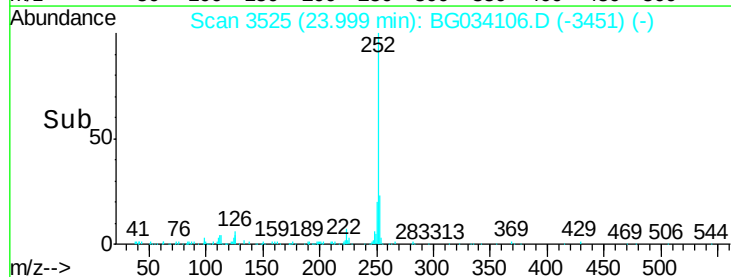
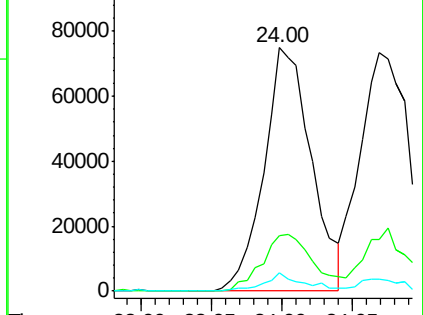
125 7.4 6.6 9.8

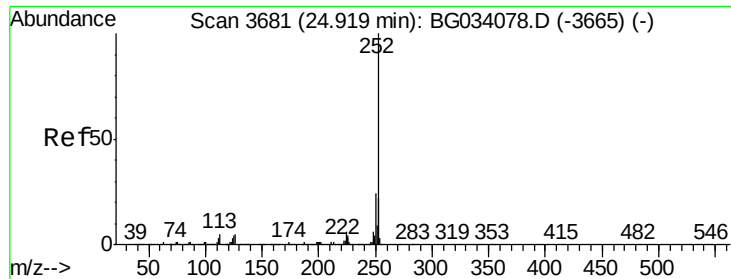


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 5.115 ng

RT: 24.89 min Scan# 3677

Delta R.T. -0.03 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Instrument :

BNA_G

ClientSampleId :

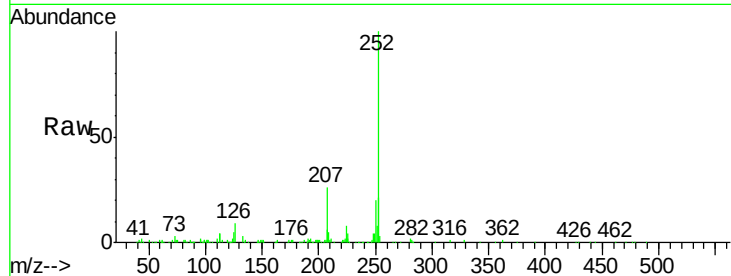
Tot Ion:252 Resp: 175681

Ion Ratio Lower Upper

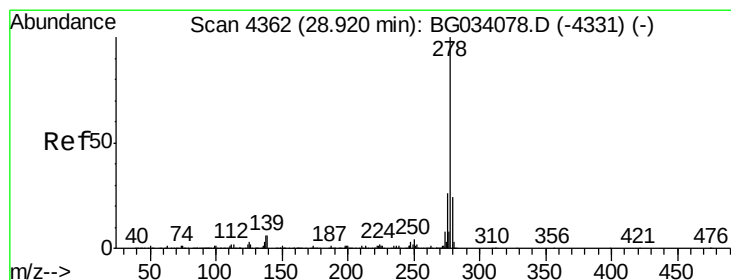
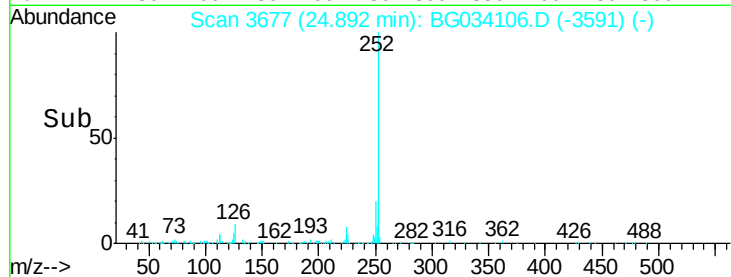
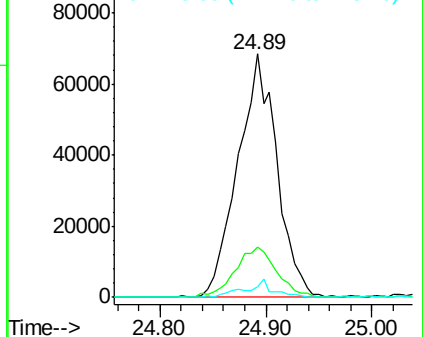
252 100

253 20.5 18.3 27.5

125 4.5 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: 4.763 ng

RT: 28.87 min Scan# 4354

Delta R.T. -0.05 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

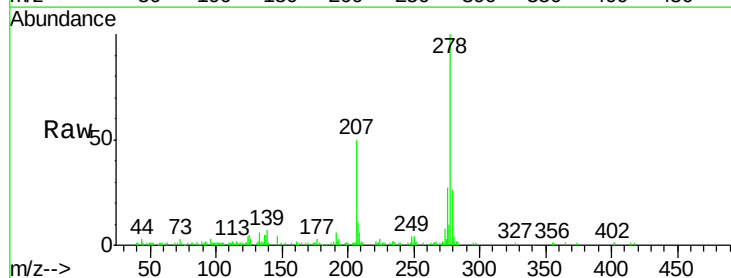
Tgt Ion:278 Resp: 154197

Ion Ratio Lower Upper

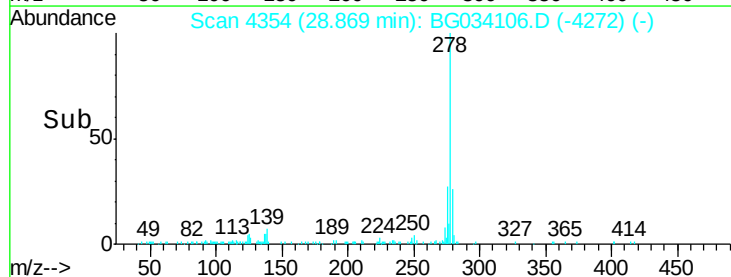
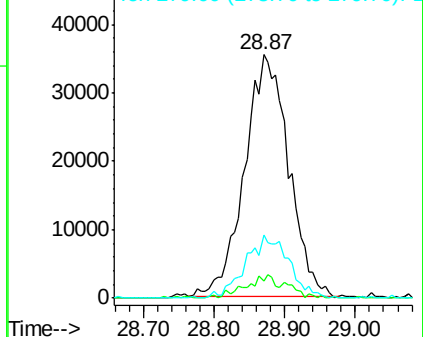
278 100

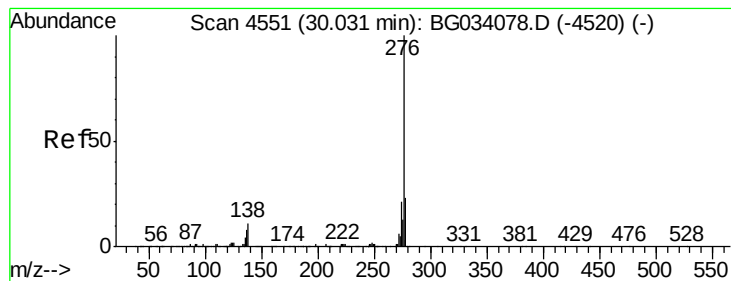
139 7.9 9.8 14.6#

279 26.1 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: 5.081 ng

RT: 29.96 min Scan# 4540

Delta R.T. -0.07 min

Lab File: BG034106.D

Acq: 2 May 2018 8:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 162141

Ion Ratio Lower Upper

276 100

277 20.3 18.3 27.5

138 8.7 13.9 20.9#

