

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034091.D
 Acq On : 1 May 2018 23:02
 Operator : SJ/JU
 Sample : J2133-03
 Misc : 1PPM MDL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 02 03:35:23 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	54400	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	230363	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	177431	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	495799	20.00	ng	0.00
75) Chrysene-d12	21.76	240	609366	20.00	ng	0.00
86) Perylene-d12	25.05	264	592902	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	480055	142.57	ng	0.00
7) Phenol-d6	7.22	99	700586	133.65	ng	0.00
23) Nitrobenzene-d5	9.23	82	496161	82.64	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	349258	142.15	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1035095	85.01	ng	0.00
78) Terphenyl-d14	20.09	244	2153421	77.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	2310	1.634	ng	# 73
3) Pyridine	3.95	79	344	0.078	ng	# 22
4) n-Nitrosodimethylamine	3.88	42	2963	1.225	ng	# 50
6) Aniline	7.39	93	7895	1.107	ng	# 96
8) 2-Chlorophenol	7.64	128	3657	1.088	ng	# 65
9) Benzaldehyde	7.22	77	3913	Below Cal		# 46
10) Phenol	7.24	94	5692	1.077	ng	# 1
11) bis(2-Chloroethyl)ether	7.49	93	4993	1.200	ng	# 72
12) 1,3-Dichlorobenzene	7.96	146	4188	0.985	ng	# 91
13) 1,4-Dichlorobenzene	7.96	146	4188	0.992	ng	# 91
14) 1,2-Dichlorobenzene	8.43	146	4186	1.044	ng	# 89
15) Benzyl Alcohol	8.31	79	4845	0.866	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	8.60	45	6129	1.070	ng	# 73
17) 2-Methylphenol	8.51	107	3777	1.086	ng	# 69
18) Hexachloroethane	9.17	117	1891	1.053	ng	# 49
19) n-Nitroso-di-n-propylamine	8.88	70	4580	0.973	ng	# 73
20) 3+4-Methylphenols	8.83	107	5436	1.055	ng	# 81
22) Acetophenone	8.90	105	9351	1.192	ng	# 76
24) Nitrobenzene	9.27	77	6238	0.949	ng	# 86
25) Isophorone	9.80	82	11649	0.951	ng	# 92
26) 2-Nitrophenol	10.00	139	1753	0.964	ng	# 56
27) 2,4-Dimethylphenol	10.04	122	3146	0.892	ng	# 81
28) bis(2-Chloroethoxy)methane	10.29	93	6216	1.033	ng	# 82
29) 2,4-Dichlorophenol	10.53	162	5131	1.217	ng	# 78
30) 1,2,4-Trichlorobenzene	10.75	180	5384	1.061	ng	# 79
31) Naphthalene	10.94	128	13140	1.085	ng	# 91
32) Benzoic acid	10.19	122	279	3.210	ng	# 1
33) 4-Chloroaniline	11.04	127	4597	0.842	ng	# 57
34) Hexachlorobutadiene	11.23	225	4365	1.016	ng	# 69
35) Caprolactam	11.80	113	1112	0.743	ng	# 42
36) 4-Chloro-3-methylphenol	12.15	107	4897	0.896	ng	# 75
37) 2-Methylnaphthalene	12.55	142	9878	1.006	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	8538	1.244	ng	# 86
40) Hexachlorocyclopentadiene	12.89	237	3655	0.898	ng	# 91

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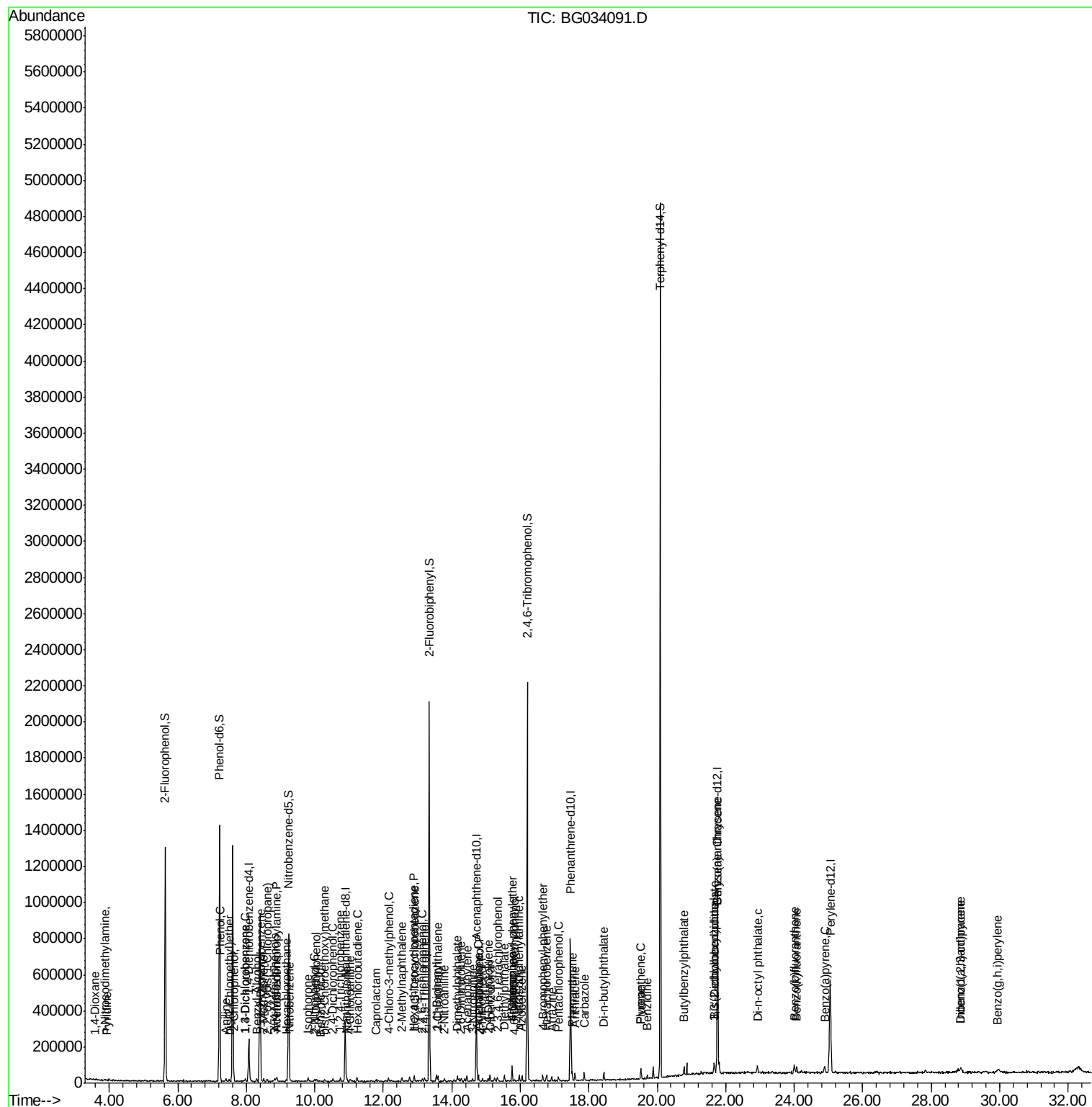
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	3663	0.918	nq	87
43) 2,4,5-Trichlorophenol	13.21	196	4770	1.082	nq #	88
45) 1,1'-Biphenyl	13.55	154	15523	1.120	nq	92
46) 2-Chloronaphthalene	13.59	162	11359	1.082	nq	94
47) 2-Nitroaniline	13.79	65	3375	0.804	nq #	50
48) Acenaphthylene	14.44	152	17720	1.058	nq #	89
49) Dimethylphthalate	14.17	163	17031	1.107	nq #	96
50) 2,6-Dinitrotoluene	14.28	165	2612	0.884	nq #	63
51) Acenaphthene	14.78	154	11285	0.991	nq	99
52) 3-Nitroaniline	14.61	138	2281	0.766	nq #	76
53) 2,4-Dinitrophenol	14.81	184	653	0.565	nq #	43
54) Dibenzofuran	15.11	168	18325	1.110	nq	91
55) 4-Nitrophenol	14.89	139	2579	1.134	nq #	73
56) 2,4-Dinitrotoluene	15.06	165	3479	0.867	nq #	62
57) Fluorene	15.77	166	16618	1.155	nq #	82
58) 2,3,4,6-Tetrachlorophenol	15.33	232	4004	0.878	nq #	86
59) Diethylphthalate	15.53	149	16179	0.994	nq #	97
60) 4-Chlorophenyl-phenylether	15.76	204	8669	1.013	nq	93
61) 4-Nitroaniline	15.77	138	2104	0.666	nq #	48
62) Azobenzene	16.05	77	17339	0.986	nq	87
64) 4,6-Dinitro-2-methylphenol	15.83	198	2322	0.996	nq	76
65) n-Nitrosodiphenylamine	15.97	169	12713	0.940	nq #	90
66) 4-Bromophenyl-phenylether	16.66	248	6709	1.090	nq	94
67) Hexachlorobenzene	16.76	284	5611	0.898	nq #	88
68) Atrazine	16.91	200	4329	1.434	nq	88
69) Pentachlorophenol	17.11	266	3649	0.838	nq #	75
70) Phenanthrene	17.51	178	27632	1.085	nq #	93
71) Anthracene	17.60	178	24874	0.963	nq #	92
72) Carbazole	17.86	167	24958	1.056	nq #	94
73) Di-n-butylphthalate	18.44	149	30198	1.061	nq #	98
74) Fluoranthene	19.52	202	36214	1.125	nq	94
76) Benzidine	19.70	184	9859	0.628	nq	95
77) Pyrene	19.52	202	36214	0.949	nq	97
79) Butylbenzylphthalate	20.78	149	12173	0.817	nq #	71
80) Benzo(a)anthracene	21.74	228	42018	1.076	nq	97
81) 3,3'-Dichlorobenzidine	21.65	252	12818	0.868	nq #	85
82) Chrysene	21.74	228	42018	1.124	nq	96
83) Bis(2-ethylhexyl)phthalate	21.68	149	20855	1.017	nq #	98
84) Di-n-octyl phthalate	22.92	149	32397	0.989	nq #	94
85) Indeno(1,2,3-cd)pyrene	28.86	276	1031	0.025	nq #	53
87) Benzo(b)fluoranthene	24.00	252	35287	0.942	nq	98
88) Benzo(k)fluoranthene	24.06	252	34159	0.954	nq #	81
89) Benzo(a)pyrene	24.89	252	32869	0.938	nq #	95
90) Dibenzo(a,h)anthracene	28.87	278	31535	0.955	nq #	89
91) Benzo(g,h,i)perylene	29.93	276	15751	0.484	nq #	91

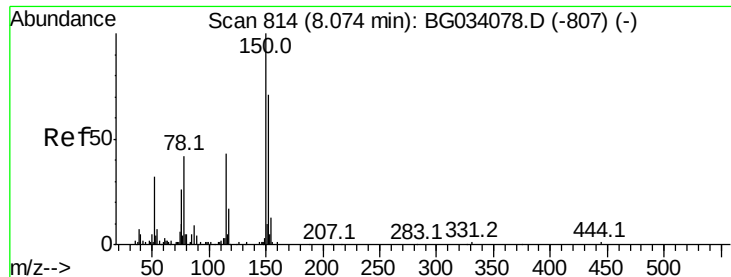
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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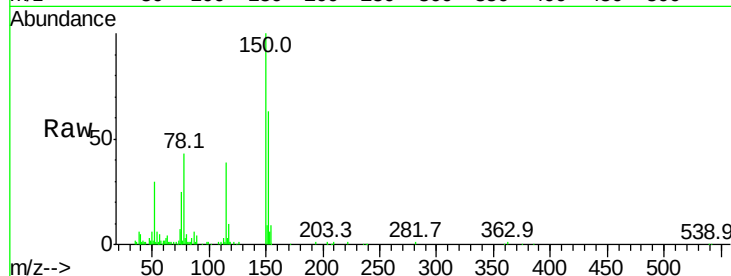


#1

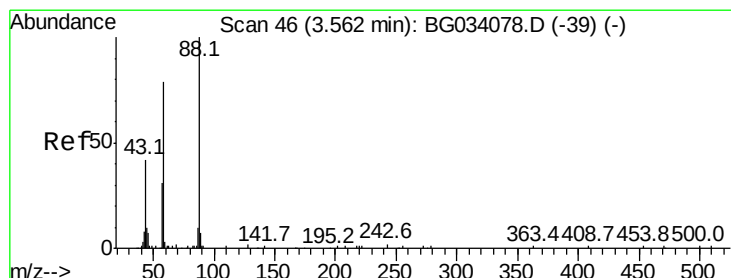
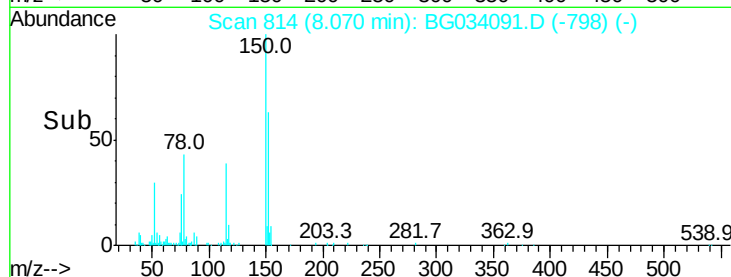
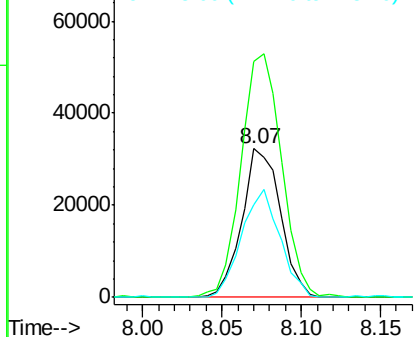
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG034091.D
Acq: 1 May 2018 23:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54400
Ion Ratio Lower Upper
152 100
150 158.9 126.6 189.8
115 62.3 53.0 79.4



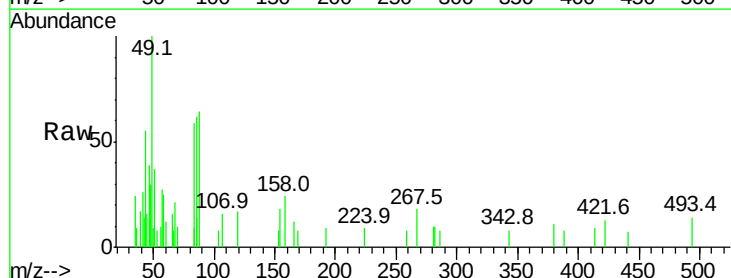
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



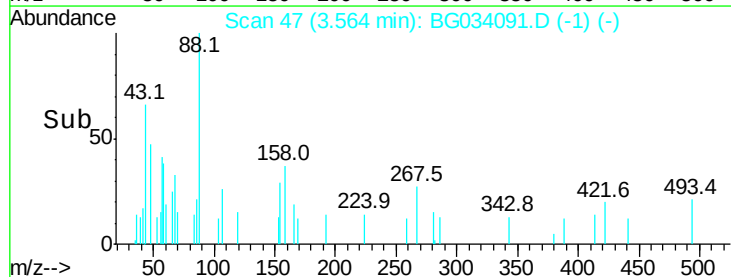
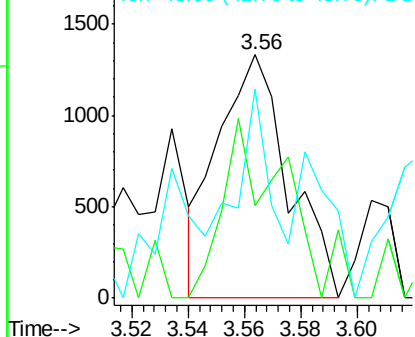
#2

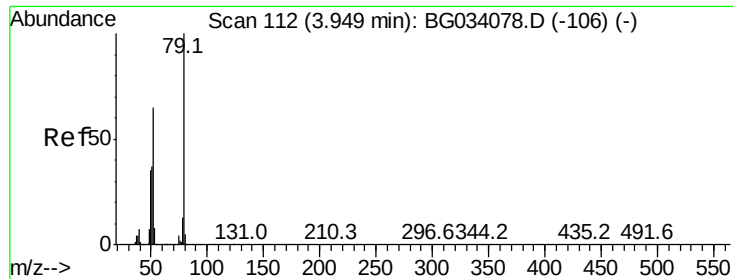
1,4-Dioxane
Concen: 1.634 ng
RT: 3.56 min Scan# 47
Delta R.T. 0.00 min
Lab File: BG034091.D
Acq: 1 May 2018 23:02

Tgt Ion: 88 Resp: 2310
Ion Ratio Lower Upper
88 100
58 66.0 79.6 119.4#
43 39.2 27.4 41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.078 ng

RT: 3.95 min Scan# 112

Delta R.T. -0.00 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

Instrument :

BNA_G

ClientSampleId :

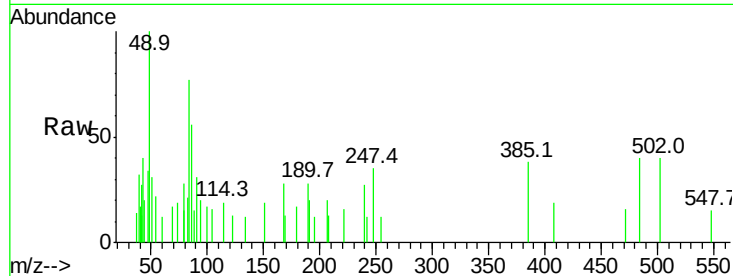
Tot Ion: 79 Resp: 344

Ion Ratio Lower Upper

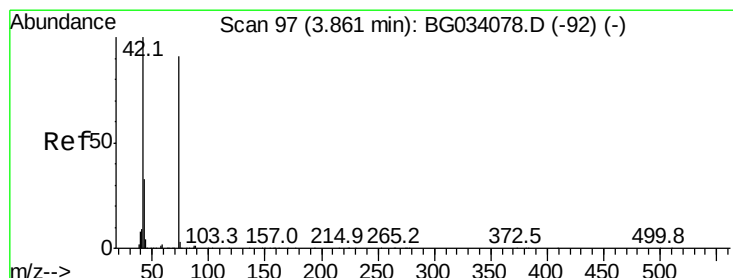
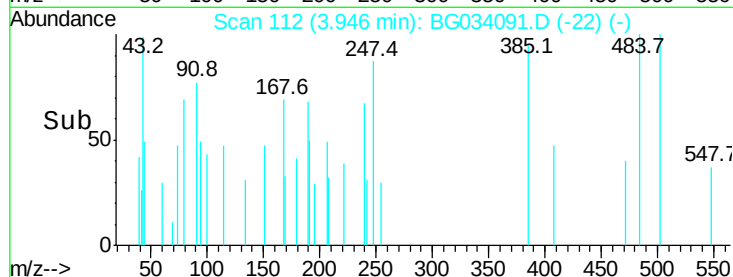
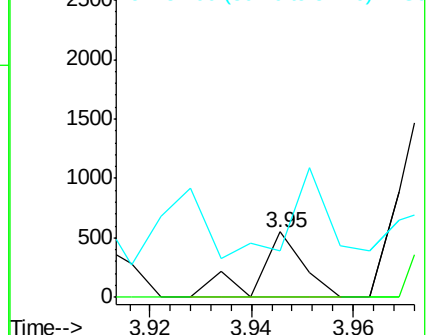
79 100

52 0.0 69.9 104.9#

51 71.4 34.0 51.0#



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



#4

n-Nitrosodimethylamine

Concen: 1.225 ng

RT: 3.88 min Scan# 100

Delta R.T. 0.01 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

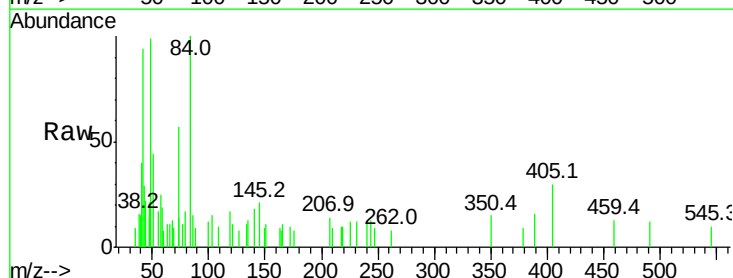
Tgt Ion: 42 Resp: 2963

Ion Ratio Lower Upper

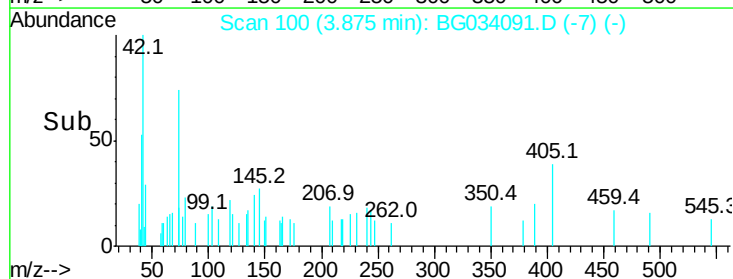
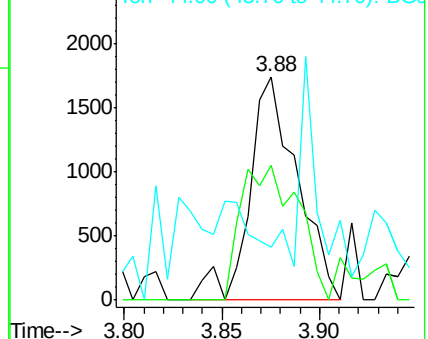
42 100

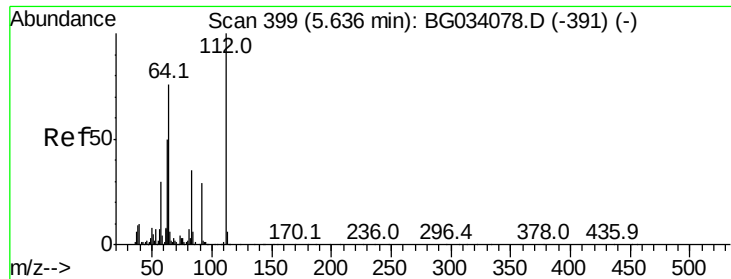
74 60.4 102.5 153.7#

44 23.8 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: 142.572 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.00 min

Lab File: BG034091.D

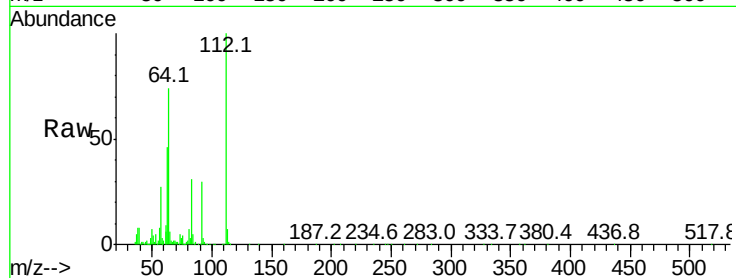
Acq: 1 May 2018 23:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	480055
Ion Ratio	Lower	Upper	
112	100		
64	73.8	56.3	84.5
63	46.4	30.1	45.1#

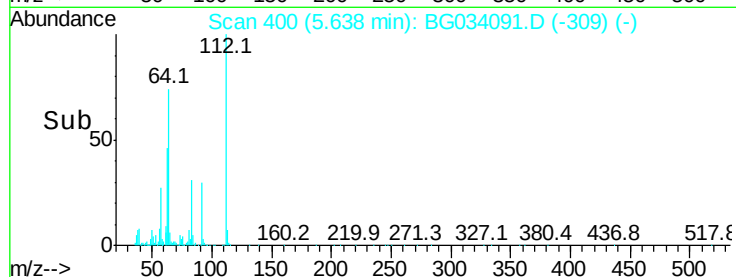


Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Time-->

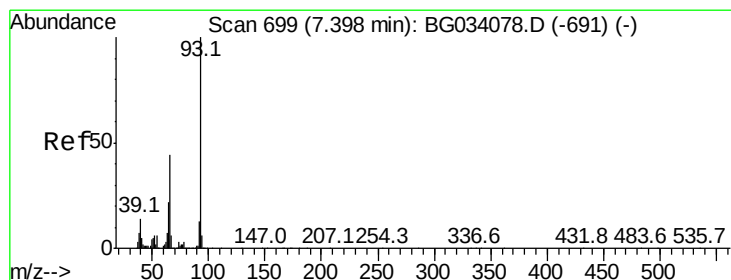


Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Time-->



#6

Aniline

Concen: 1.107 ng

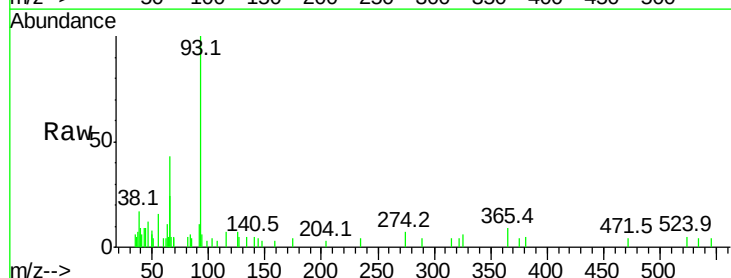
RT: 7.39 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

Tgt Ion:	93	Resp:	7895
Ion Ratio	Lower	Upper	
93	100		
66	43.2	33.7	50.5
65	24.2	16.1	24.1#

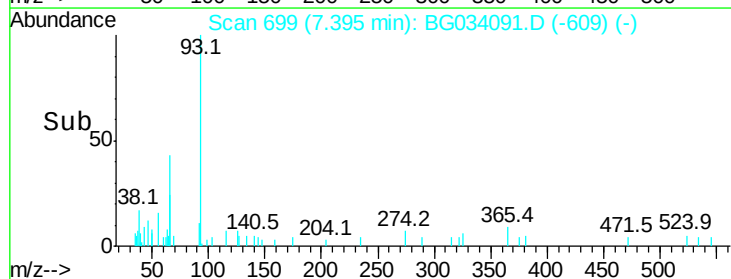


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Time-->

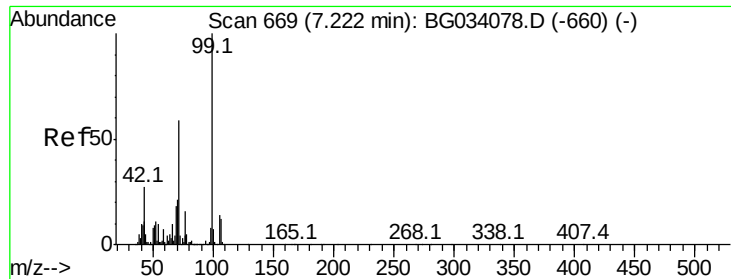


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Time-->



#7

Phenol-d6

Concen: 133.650 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

Instrument :

BNA_G

ClientSampleId :

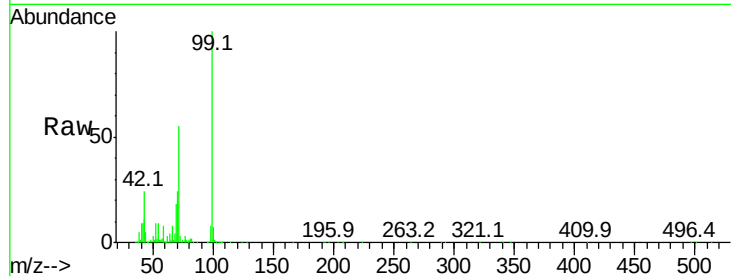
Tot Ion: 99 Resp: 700586

Ion Ratio Lower Upper

99 100

42 23.5 14.1 21.1#

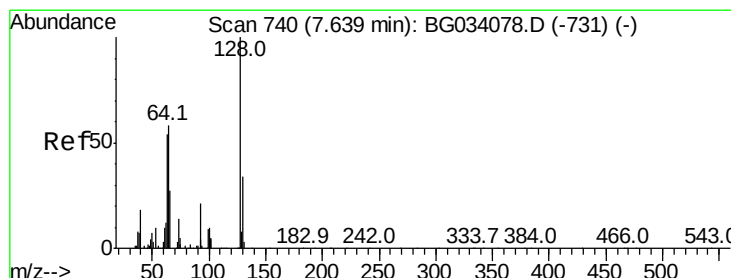
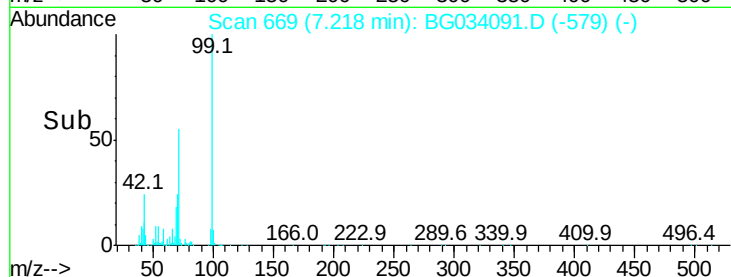
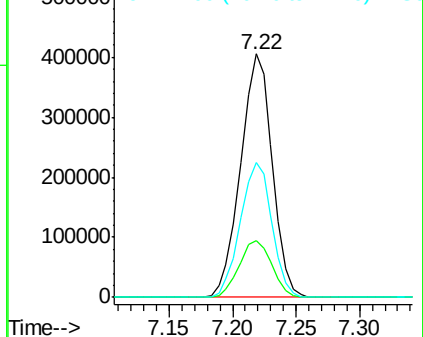
71 55.3 26.1 39.1#



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: 1.088 ng

RT: 7.64 min Scan# 741

Delta R.T. 0.00 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

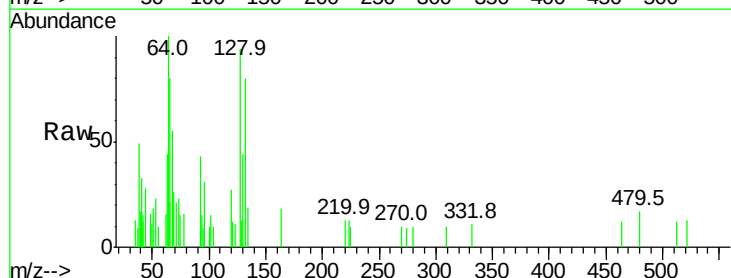
Tgt Ion:128 Resp: 3657

Ion Ratio Lower Upper

128 100

130 41.5 14.0 54.0

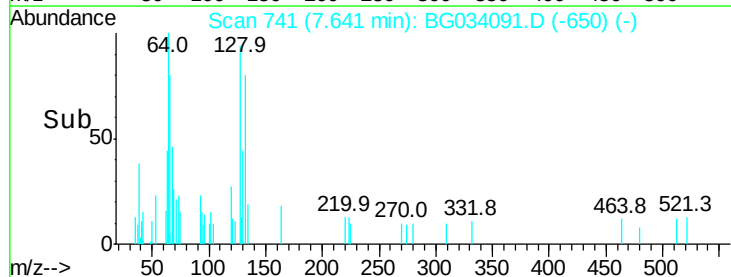
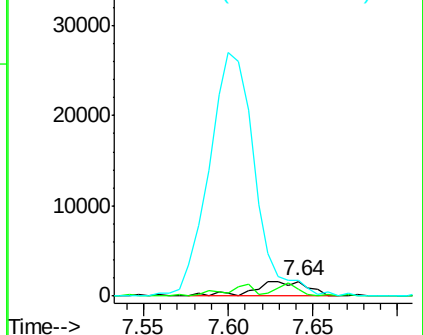
64 93.8 37.7 77.7#

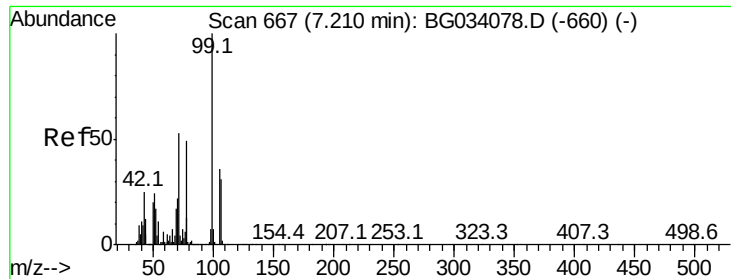


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: Below Cal

RT: 7.22 min Scan# 669

Delta R.T. 0.01 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

Instrument :

BNA_G

ClientSampleId :

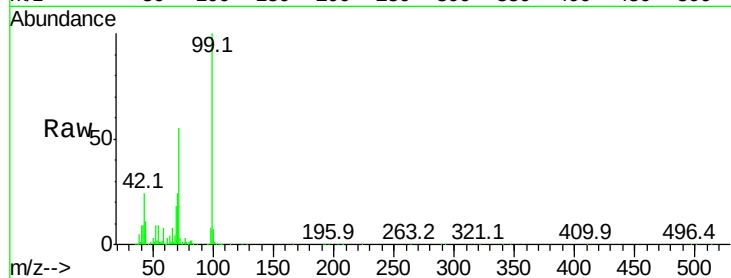
Tot Ion: 77 Resp: 3913

Ion Ratio Lower Upper

77 100

105 36.2 71.3 111.3#

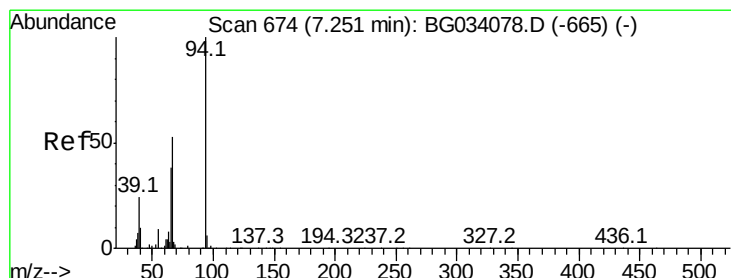
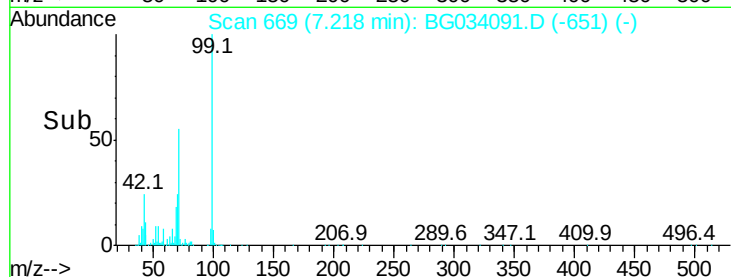
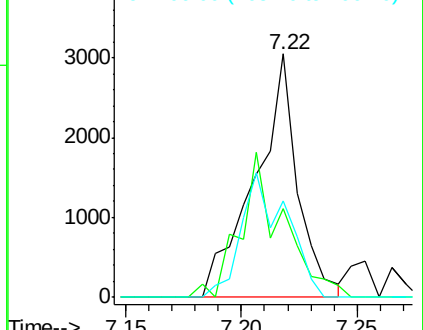
106 39.5 64.2 104.2#



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: 1.077 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

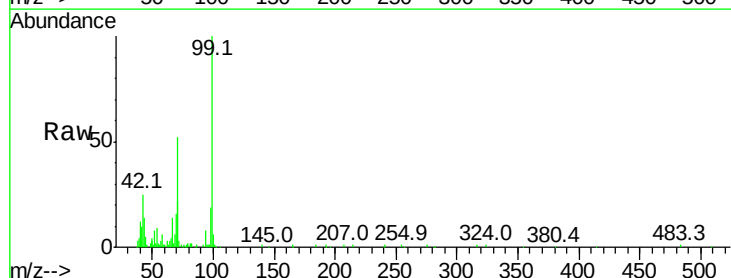
Tgt Ion: 94 Resp: 5692

Ion Ratio Lower Upper

94 100

65 49.0 11.9 51.9

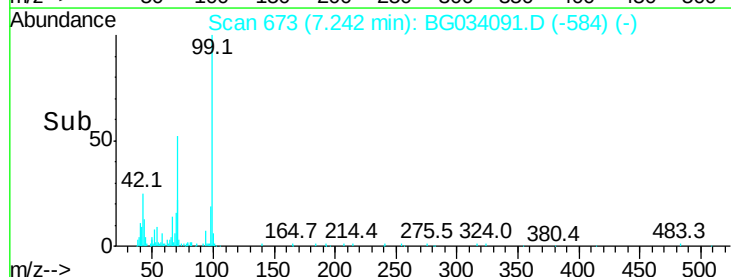
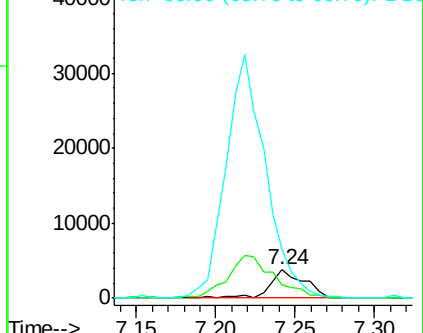
66 174.8 22.2 62.2#

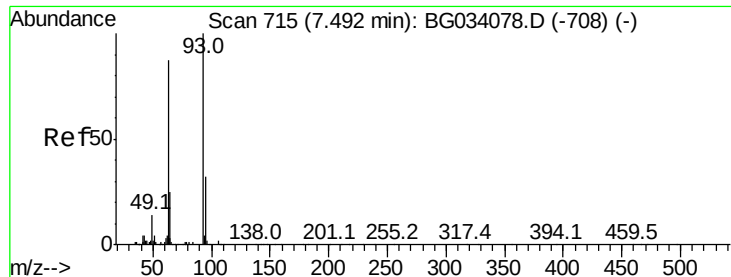


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

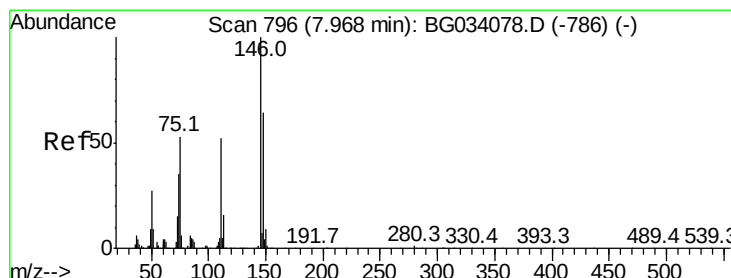
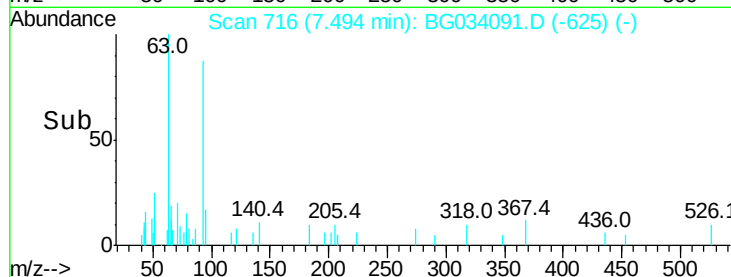
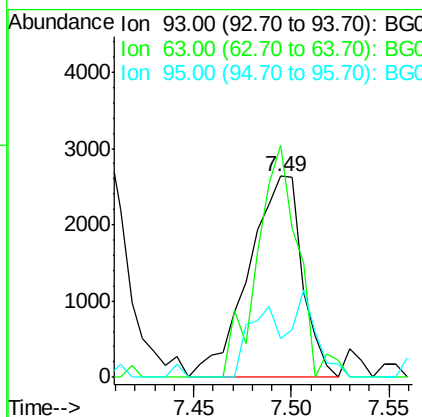
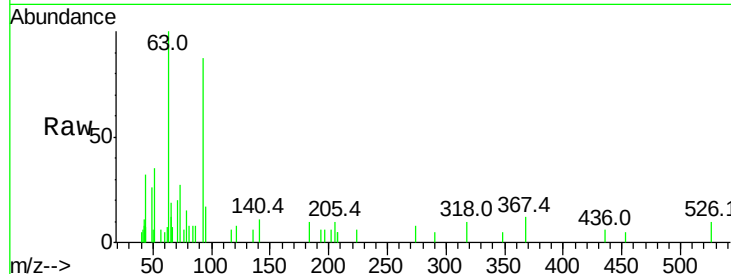




#11
bis(2-Chloroethyl)ether
Concen: 1.200 ng
RT: 7.49 min Scan# 716
Delta R.T. 0.00 min
Lab File: BG034091.D
Acq: 1 May 2018 23:02

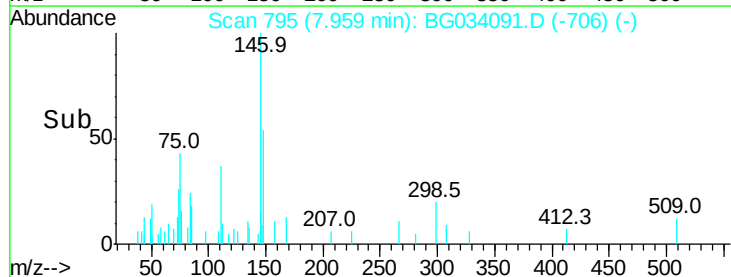
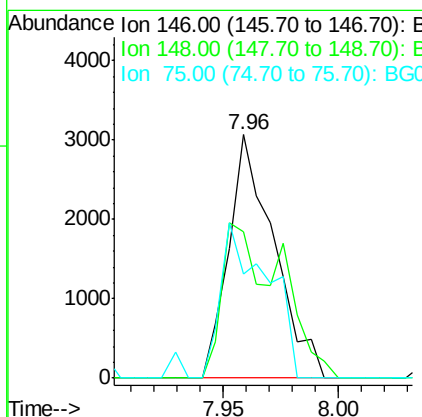
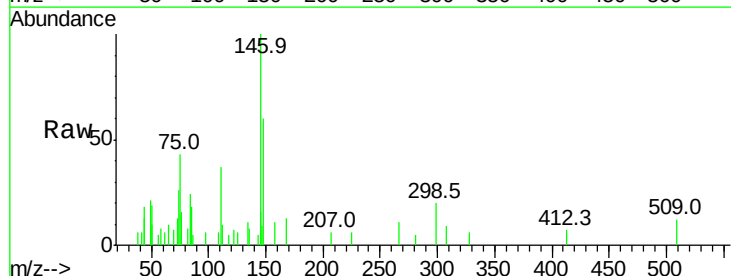
Instrument :
BNA_G
ClientSampleId :

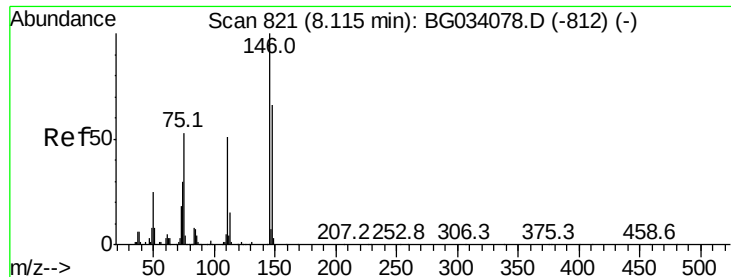
Tot Ion: 93 Resp: 4993
Ion Ratio Lower Upper
93 100
63 115.3 67.1 107.1#
95 19.6 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 0.985 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.01 min
Lab File: BG034091.D
Acq: 1 May 2018 23:02

Tgt Ion: 146 Resp: 4188
Ion Ratio Lower Upper
146 100
148 60.3 51.4 77.2
75 42.7 26.6 39.8#





#13

1,4-Dichlorobenzene

Concen: 0.992 ng

RT: 7.96 min Scan# 795

Delta R.T. -0.16 min

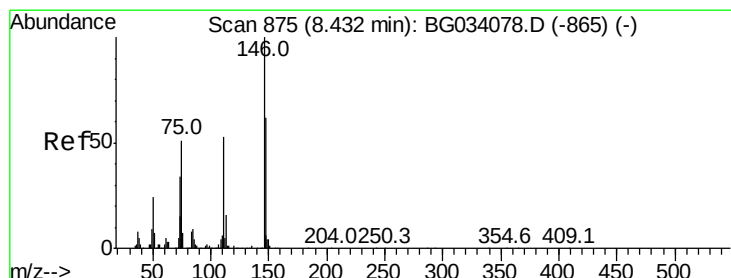
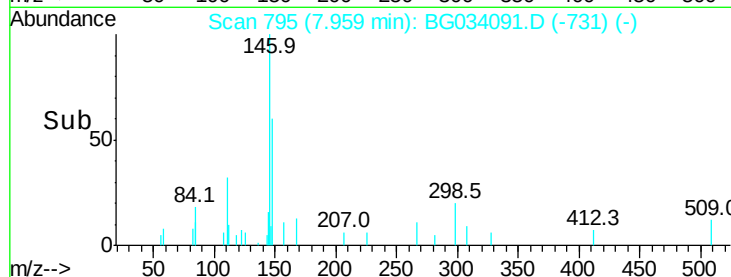
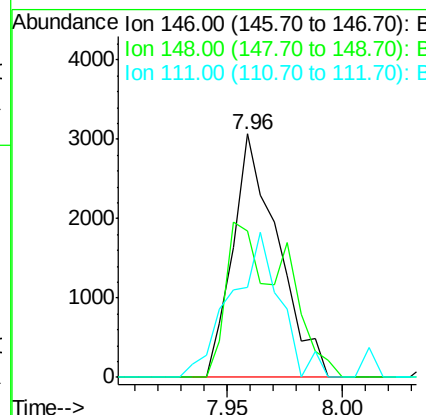
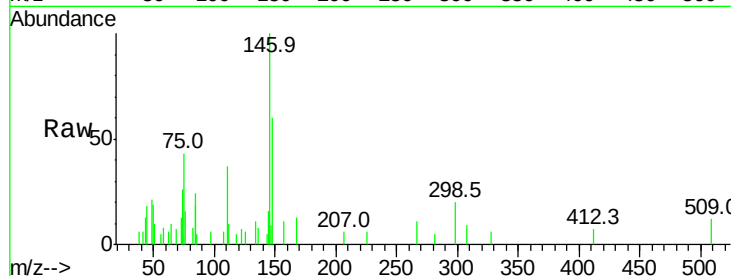
Lab File: BG034091.D

Acq: 1 May 2018 23:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:146 Resp: 4188

Ion	Ratio	Lower	Upper
146	100		
148	60.3	53.7	80.5
111	37.1	35.2	52.8



#14

1,2-Dichlorobenzene

Concen: 1.044 ng

RT: 8.43 min Scan# 875

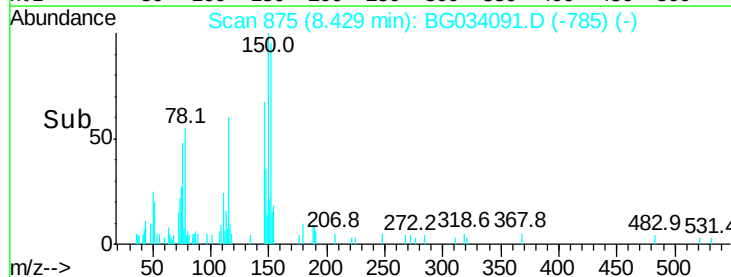
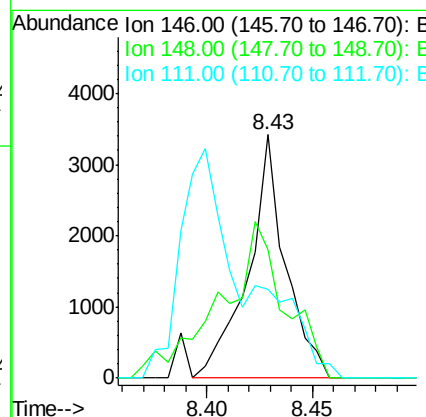
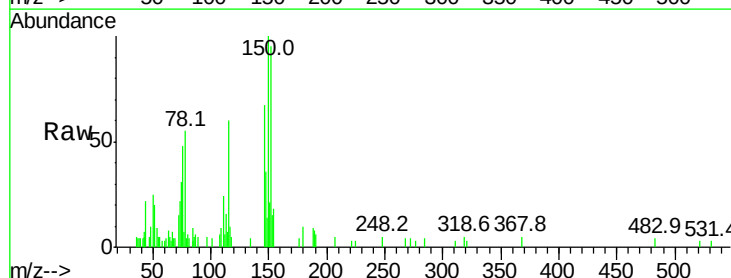
Delta R.T. -0.00 min

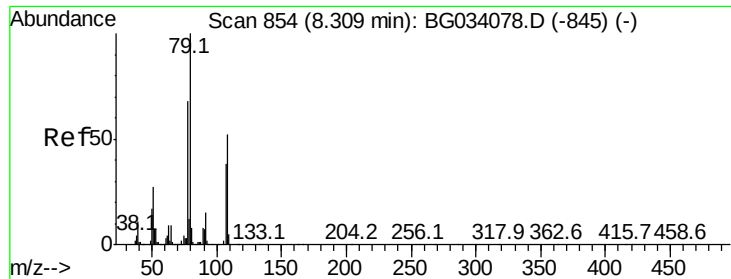
Lab File: BG034091.D

Acq: 1 May 2018 23:02

Tgt Ion:146 Resp: 4186

Ion	Ratio	Lower	Upper
146	100		
148	53.0	49.3	73.9
111	36.2	34.3	51.5





#15

Benzyl Alcohol

Concen: 0.866 ng

RT: 8.31 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

Instrument :

BNA_G

ClientSampleId :

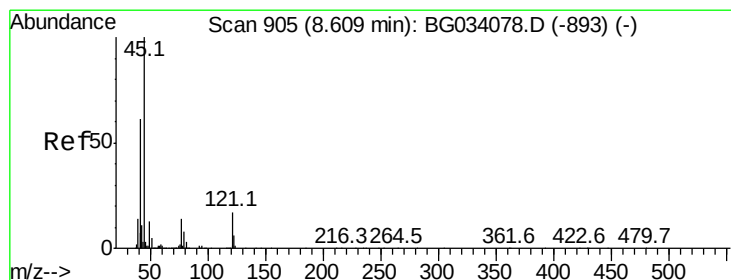
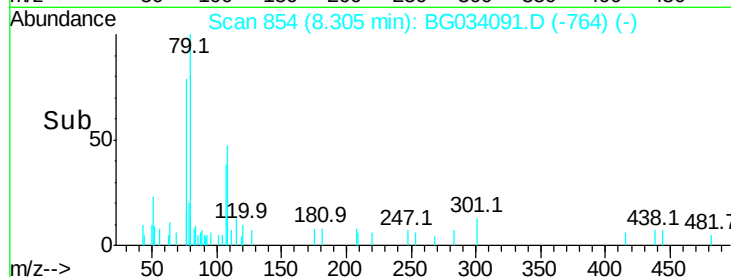
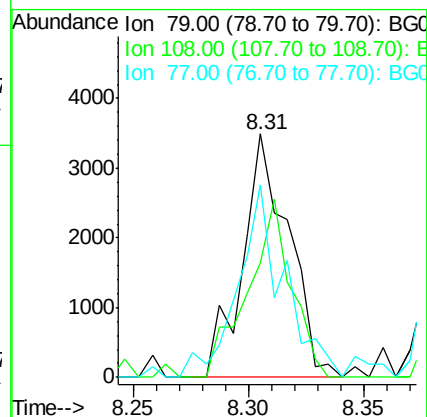
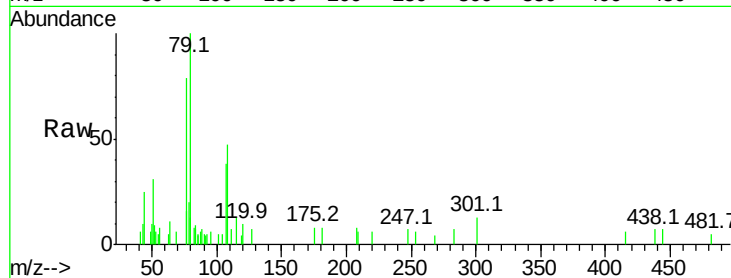
Tot Ion: 79 Resp: 4845

Ion Ratio Lower Upper

79 100

108 47.0 57.2 85.8#

77 79.3 46.1 69.1#



#16

2,2'-oxybis(1-chloropropane)

Concen: 1.070 ng

RT: 8.60 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

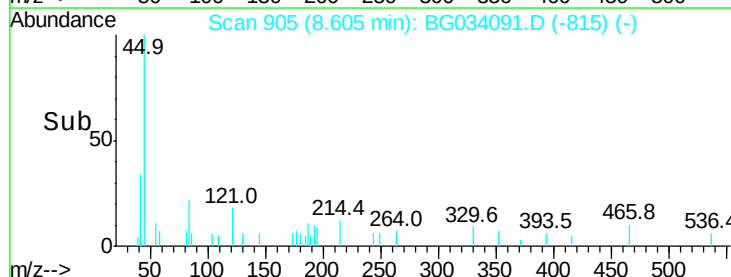
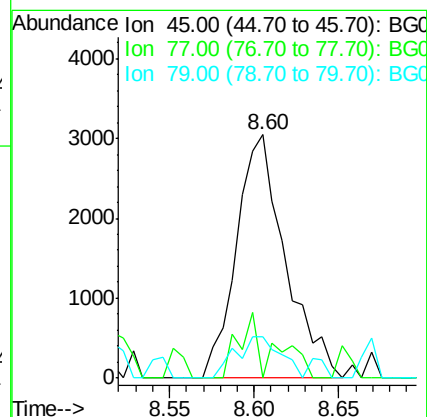
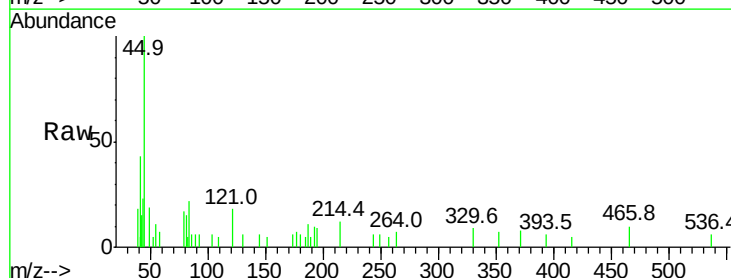
Tgt Ion: 45 Resp: 6129

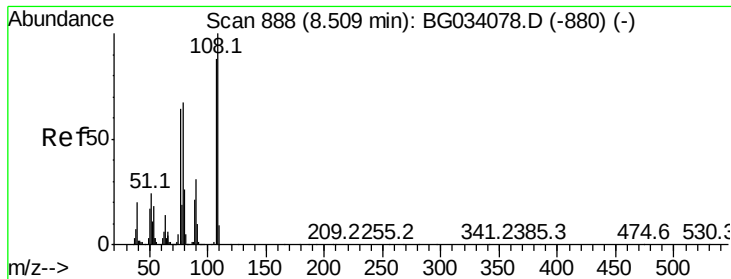
Ion Ratio Lower Upper

45 100

77 0.0 0.0 30.2

79 16.9 0.0 27.9





#17

2-Methylphenol

Concen: 1.086 ng

RT: 8.51 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG034091.D

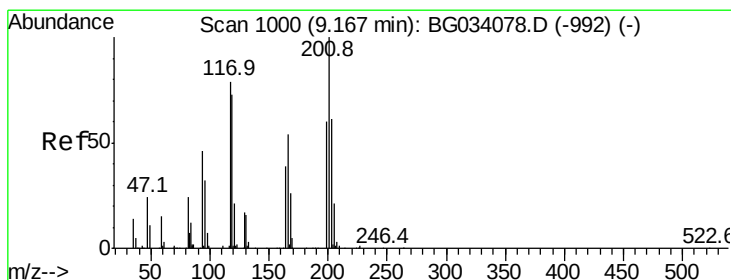
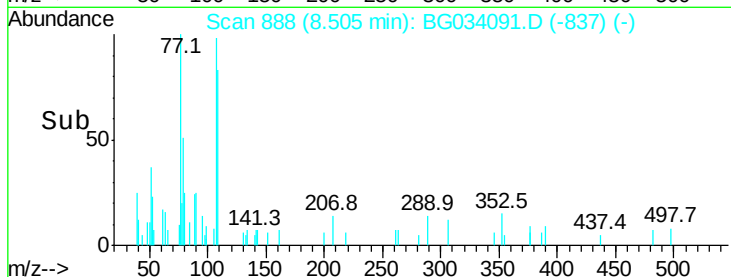
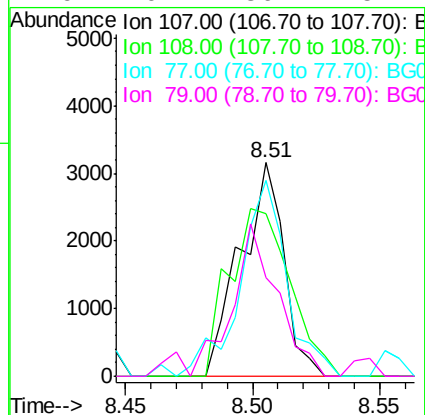
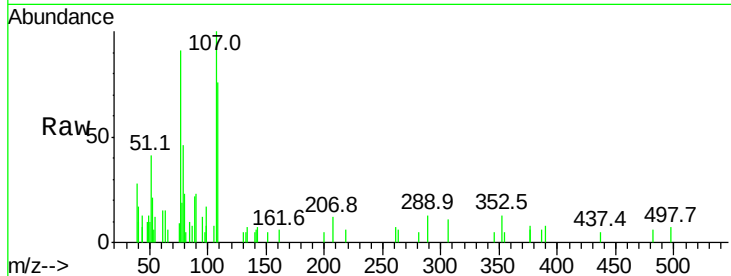
Acq: 1 May 2018 23:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	3777
Ion	Ratio	Lower	Upper
107	100		
108	76.0	83.9	125.9#
77	91.5	37.2	55.8#
79	46.2	36.2	54.2



#18

Hexachloroethane

Concen: 1.053 ng

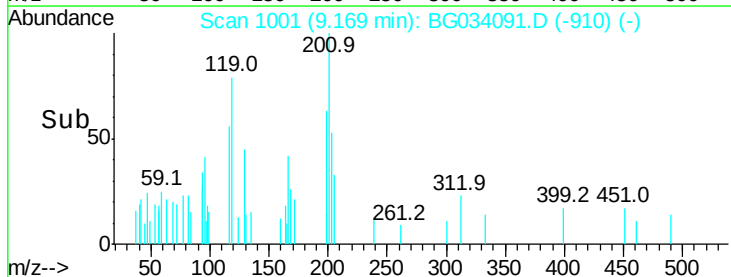
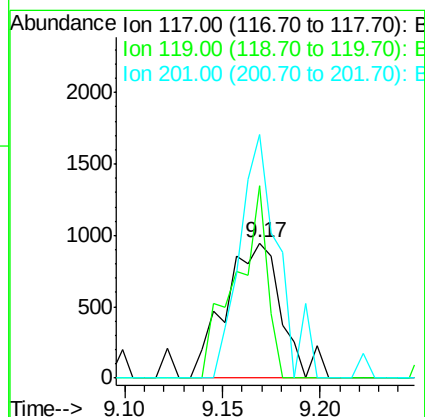
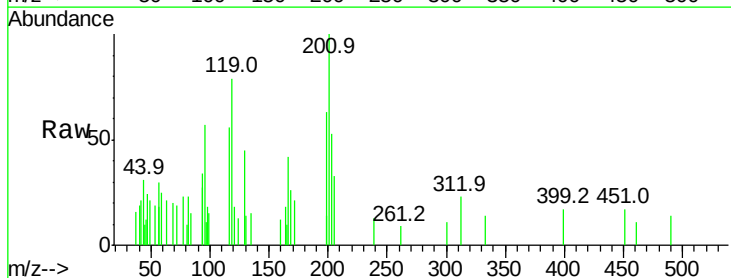
RT: 9.17 min Scan# 1001

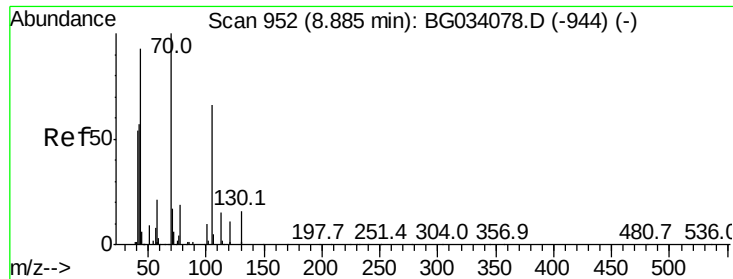
Delta R.T. 0.00 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

Tgt Ion:	117	Resp:	1891
Ion	Ratio	Lower	Upper
117	100		
119	142.3	76.7	115.1#
201	180.1	95.7	143.5#

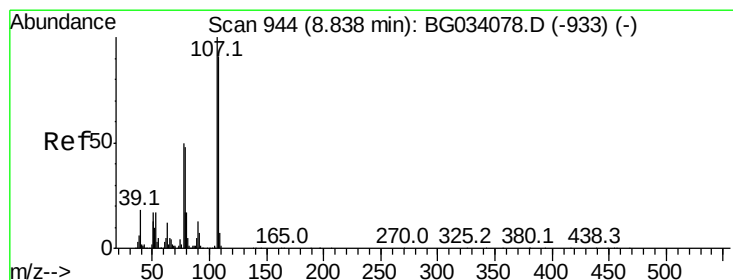
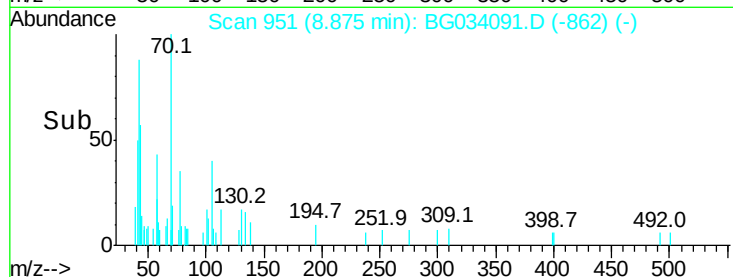
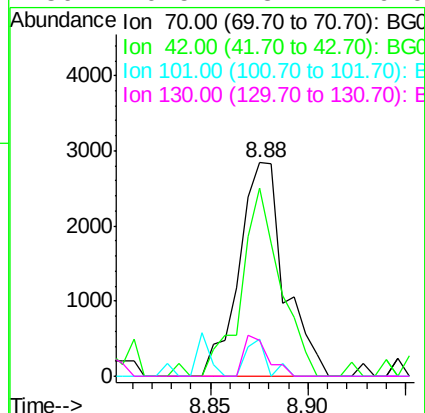
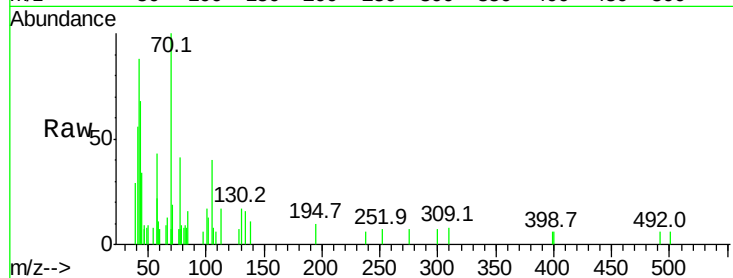




#19
n-Nitroso-di-n-propylamine
Concen: 0.973 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG034091.D
Acq: 1 May 2018 23:02

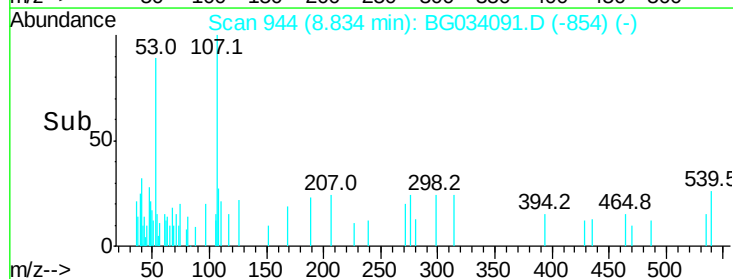
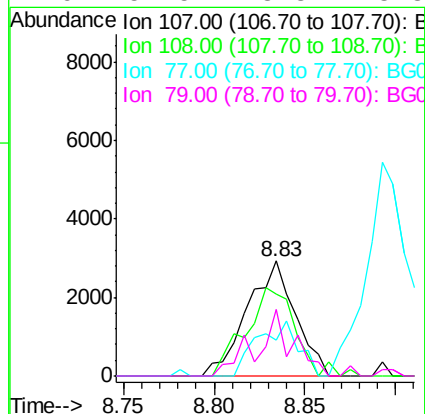
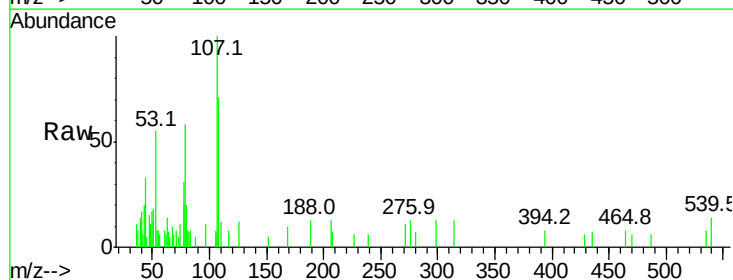
Instrument :
BNA_G
ClientSampleId :

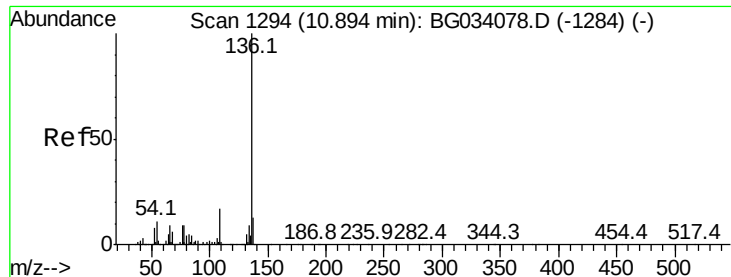
Tot Ion:	70	Resp:	4580
Ion	Ratio	Lower	Upper
70	100		
42	88.4	49.1	73.7#
101	17.5	8.5	12.7#
130	16.5	13.4	20.0



#20
3+4-Methylphenols
Concen: 1.055 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG034091.D
Acq: 1 May 2018 23:02

Tgt Ion:	107	Resp:	5436
Ion	Ratio	Lower	Upper
107	100		
108	71.1	61.6	101.6
77	30.8	13.9	53.9
79	57.5	8.8	48.8#

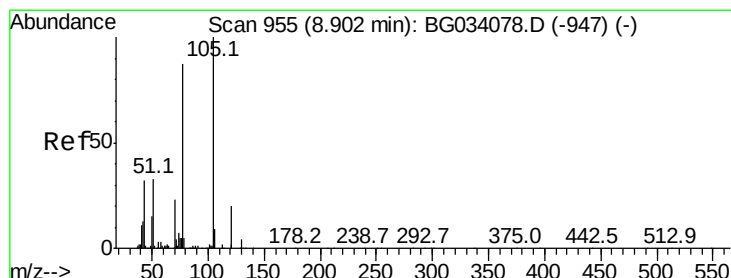
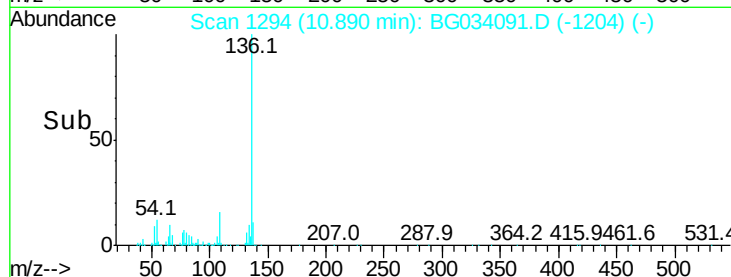
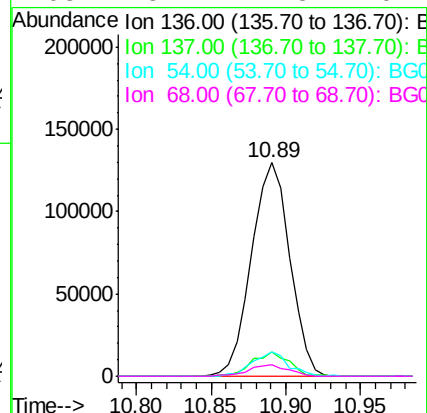
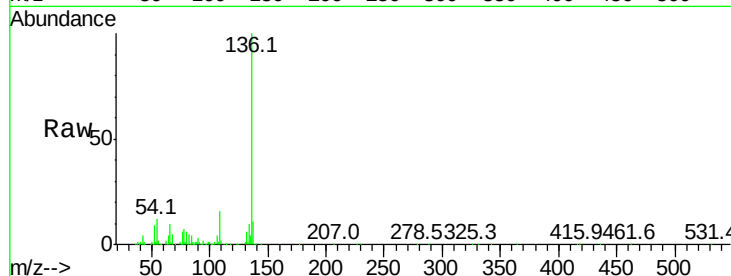




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG034091.D
Acq: 1 May 2018 23:02

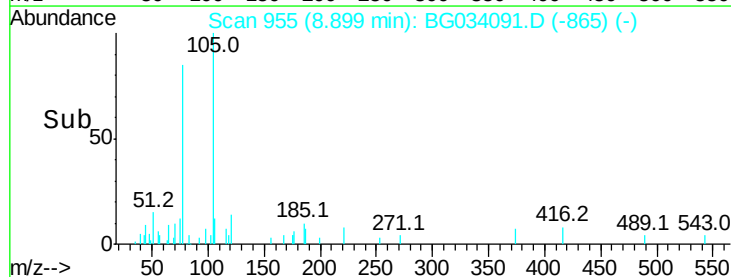
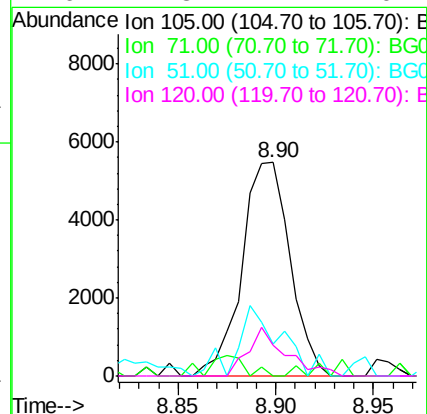
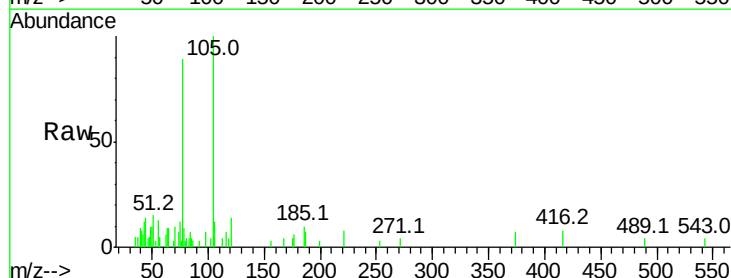
Instrument :
BNA_G
ClientSampleId :

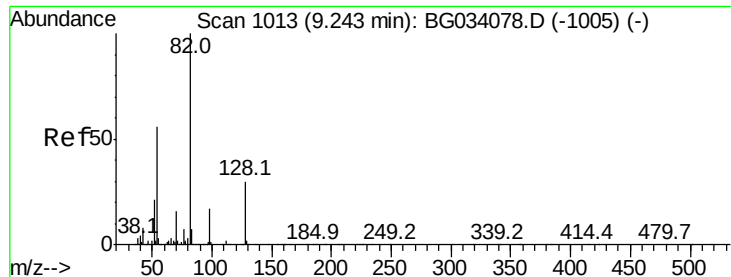
Tot Ion:	136	Resp:	230363
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	11.6	10.3	15.5
68	5.2	4.5	6.7



#22
Acetophenone
Concen: 1.192 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG034091.D
Acq: 1 May 2018 23:02

Tgt Ion:	105	Resp:	9351
Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	14.8	26.1	39.1#
120	14.3	17.4	26.2#

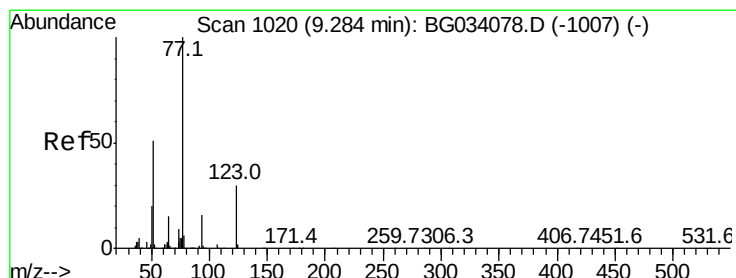
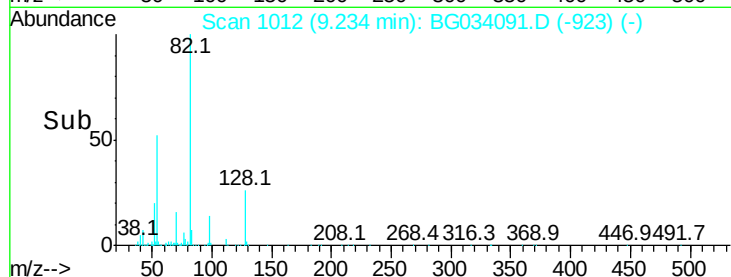
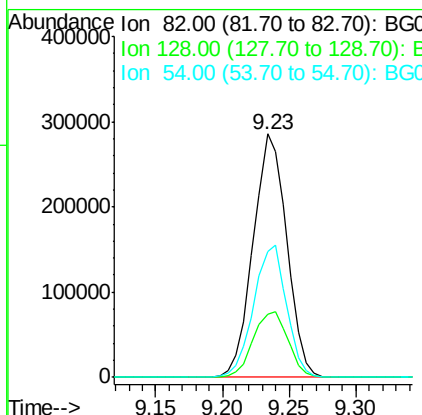
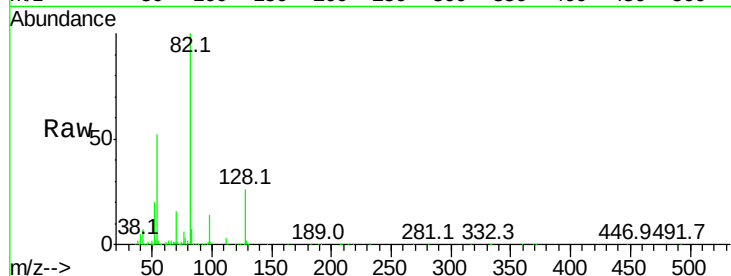




#23
Nitrobenzene-d5
Concen: 82.638 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG034091.D
Acq: 1 May 2018 23:02

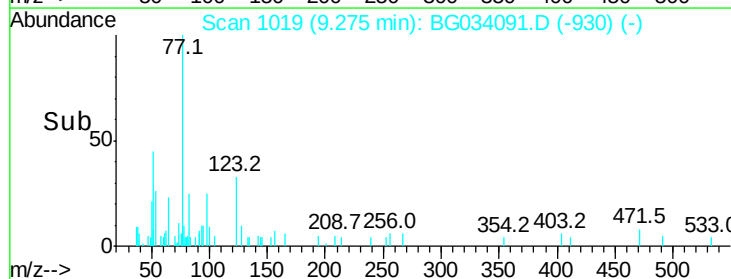
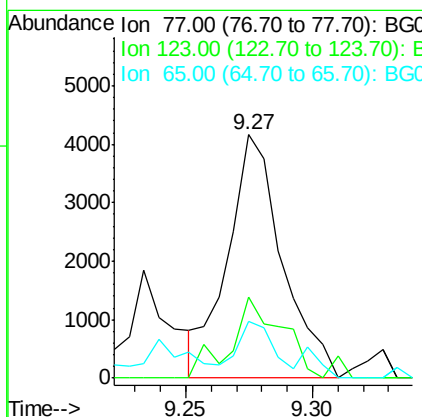
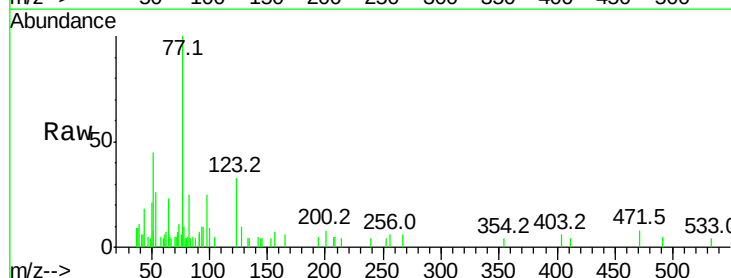
Instrument :
BNA_G
ClientSampleId :

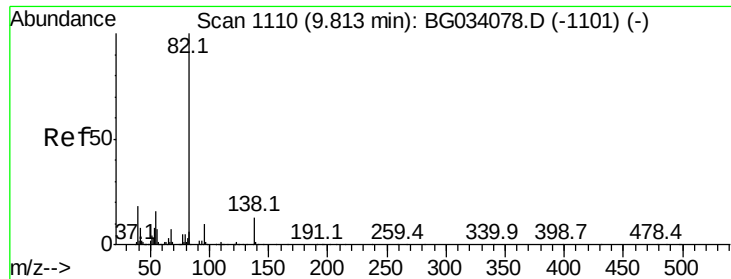
Tot Ion	82	Resp	496161
Ion Ratio	100	Lower	Upper
128	25.8	29.7	44.5#
54	51.7	43.1	64.7



#24
Nitrobenzene
Concen: 0.949 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG034091.D
Acq: 1 May 2018 23:02

Tgt Ion	77	Resp	6238
Ion Ratio	100	Lower	Upper
123	33.2	33.0	49.6
65	23.3	13.0	19.6#





#25

Isophorone

Concen: 0.951 ng

RT: 9.80 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

Instrument :

BNA_G

ClientSampled :

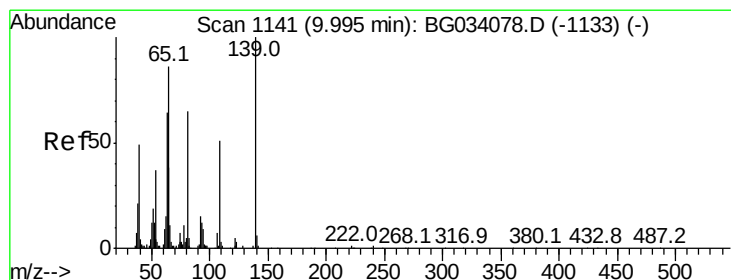
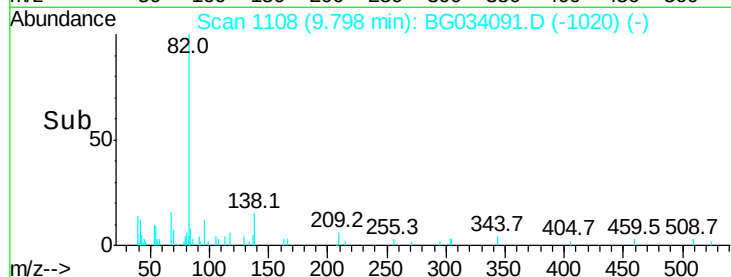
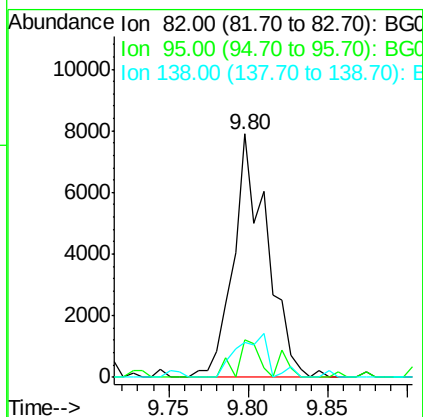
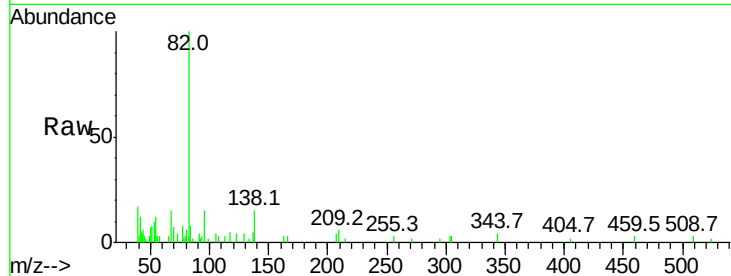
Tot Ion: 82 Resp: 11649

Ion Ratio Lower Upper

82 100

95 15.5 6.2 9.2#

138 14.5 12.1 18.1



#26

2-Nitrophenol

Concen: 0.964 ng

RT: 10.00 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

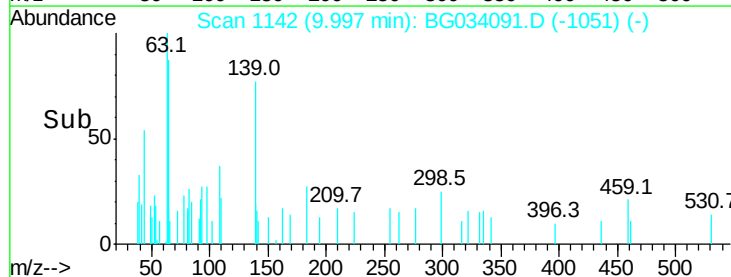
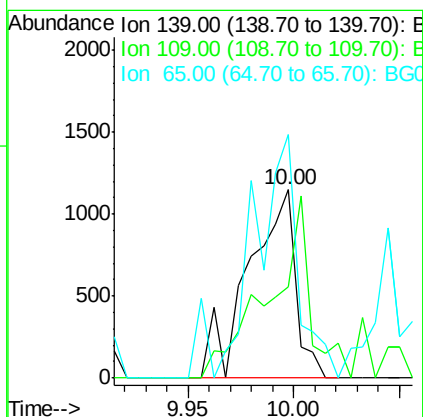
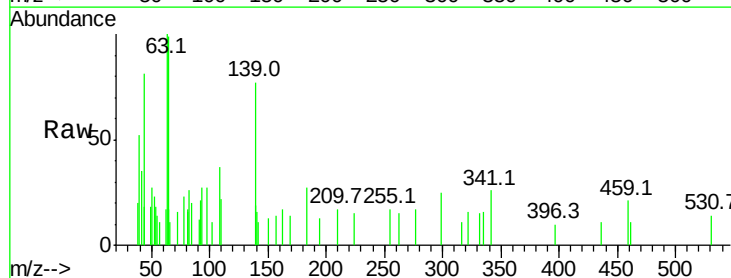
Tgt Ion: 139 Resp: 1753

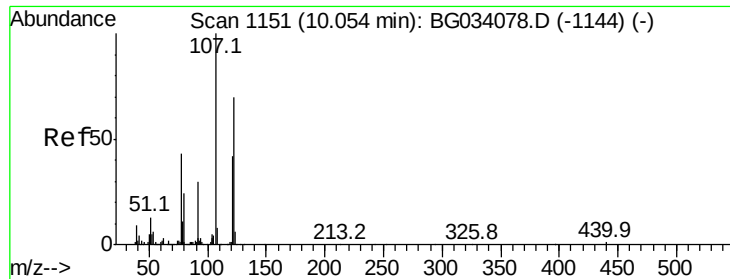
Ion Ratio Lower Upper

139 100

109 38.7 24.2 36.2#

65 103.3 47.4 71.0#

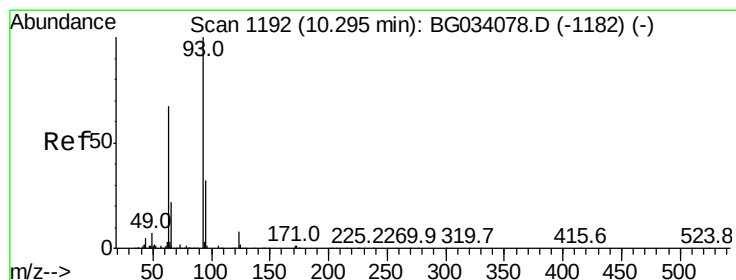
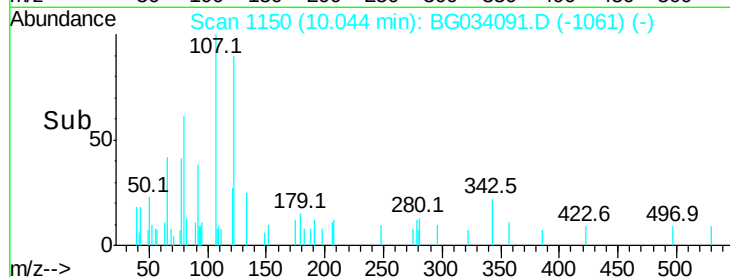
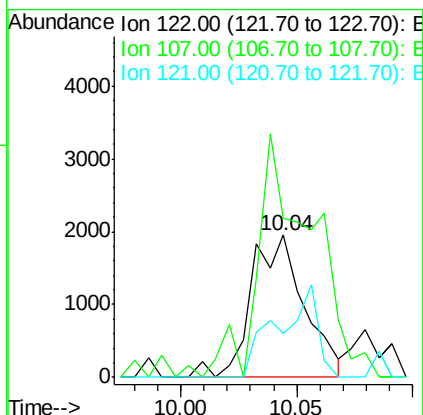
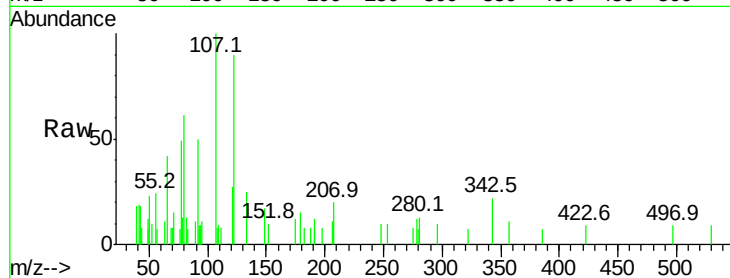




#27
2,4-Dimethylphenol
Concen: 0.892 ng
RT: 10.04 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BG034091.D
Acq: 1 May 2018 23:02

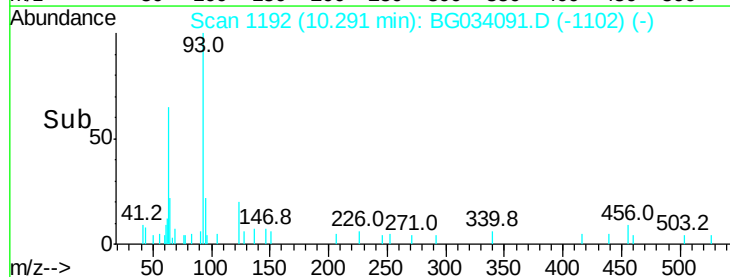
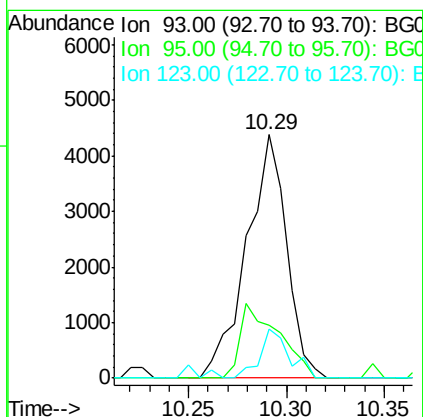
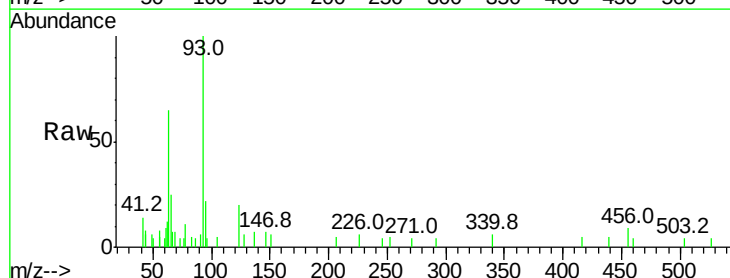
Instrument :
BNA_G
ClientSampleId :

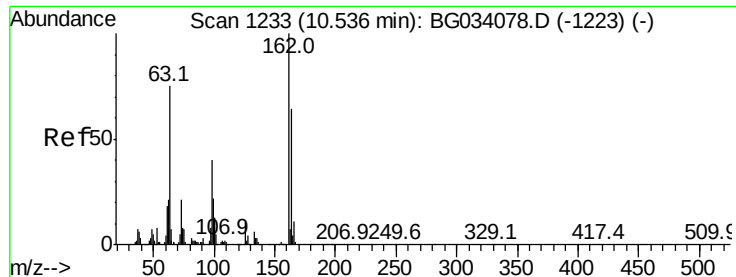
Tot Ion:122 Resp: 3146
Ion Ratio Lower Upper
122 100
107 111.6 100.2 150.2
121 30.5 44.4 66.6#



#28
bis(2-Chloroethoxy)methane
Concen: 1.033 ng
RT: 10.29 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BG034091.D
Acq: 1 May 2018 23:02

Tgt Ion: 93 Resp: 6216
Ion Ratio Lower Upper
93 100
95 22.0 24.3 36.5#
123 20.0 8.4 12.6#





#29

2,4-Dichlorophenol

Concen: 1.217 ng

RT: 10.53 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BG034091.D

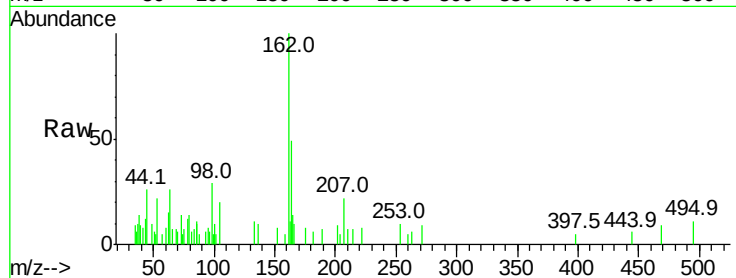
Acq: 1 May 2018 23:02

Instrument :

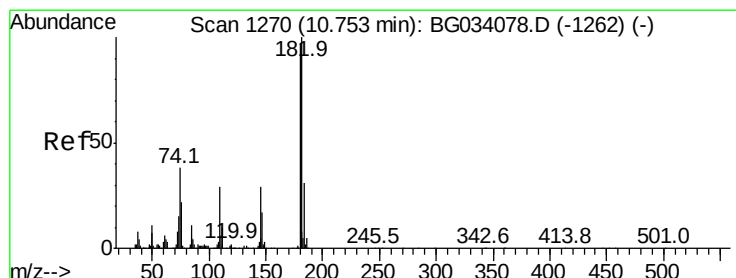
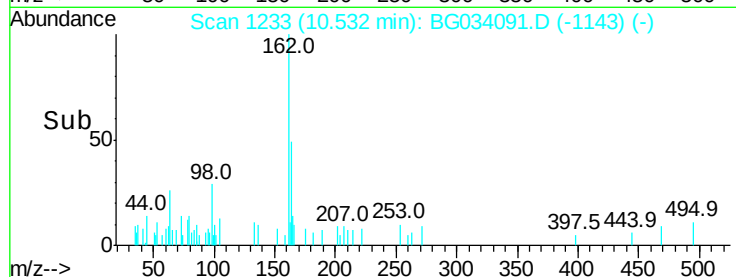
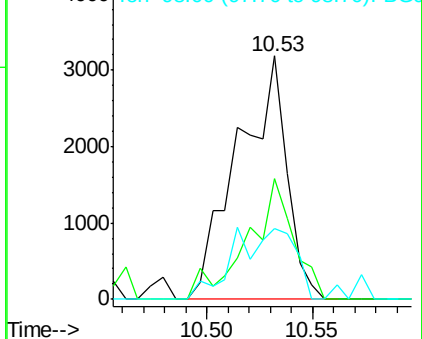
BNA_G

ClientSampleId :

Tot Ion:162	Resp:	5131
Ion	Ratio	Lower Upper
162	100	
164	49.4	48.0 88.0
98	28.9	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: 1.061 ng

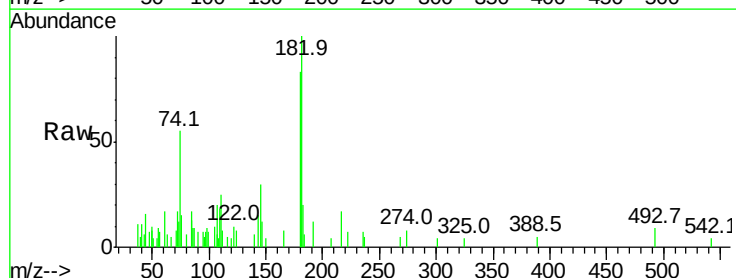
RT: 10.75 min Scan# 1270

Delta R.T. -0.00 min

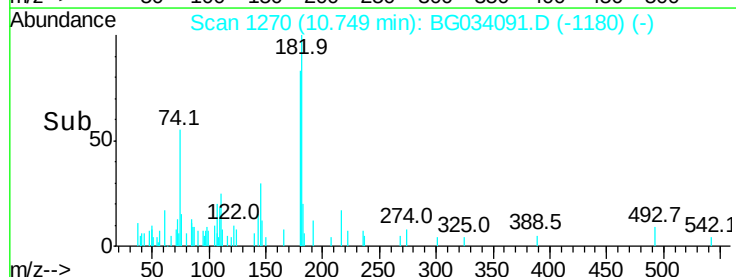
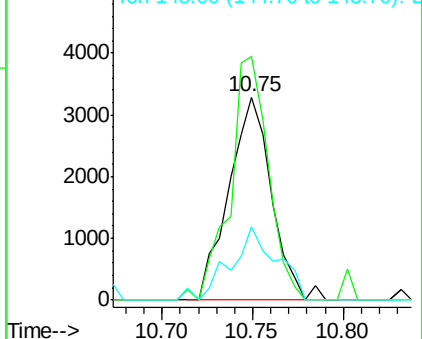
Lab File: BG034091.D

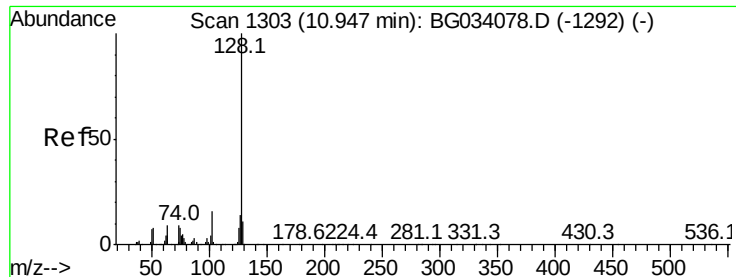
Acq: 1 May 2018 23:02

Tgt Ion:180	Resp:	5384
Ion	Ratio	Lower Upper
180	100	
182	119.9	77.5 116.3#
145	36.3	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

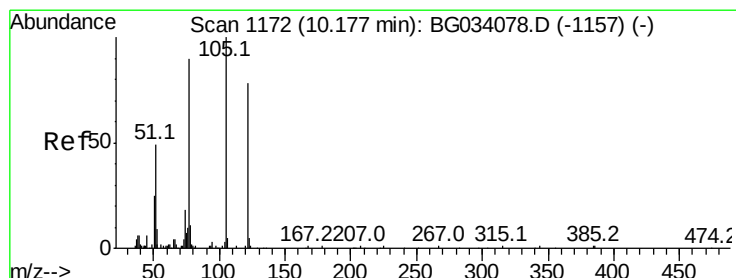
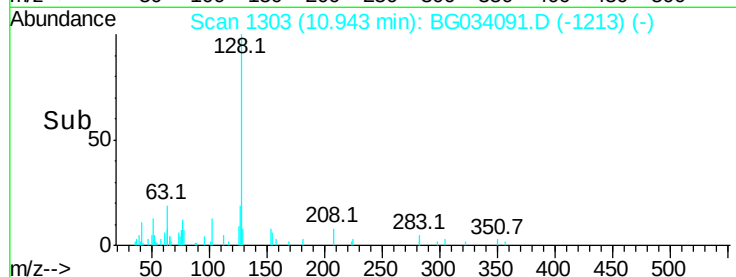
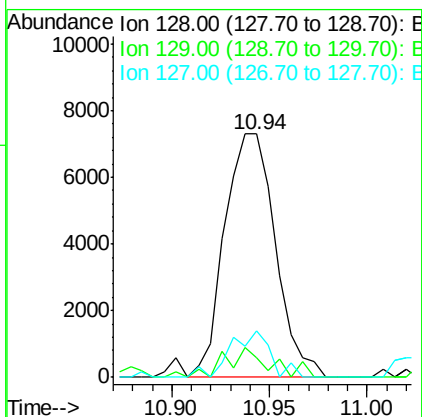
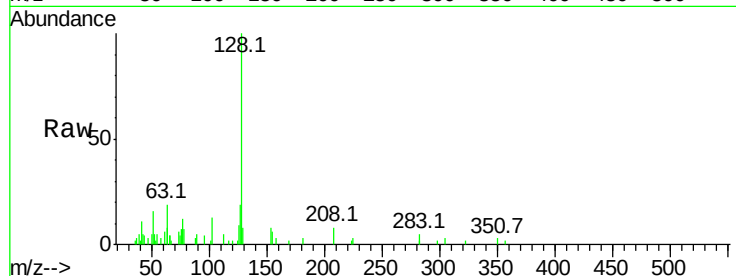




#31
Naphthalene
Concen: 1.085 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG034091.D
Acq: 1 May 2018 23:02

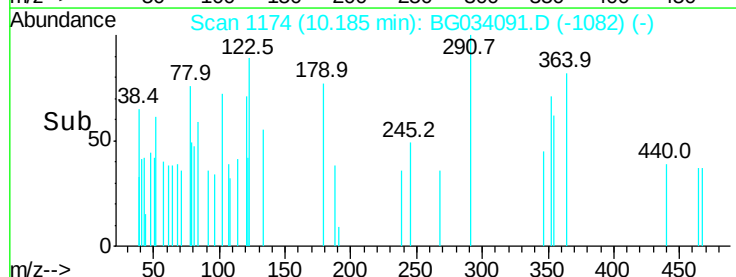
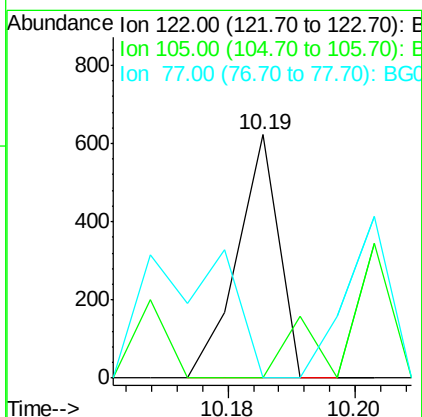
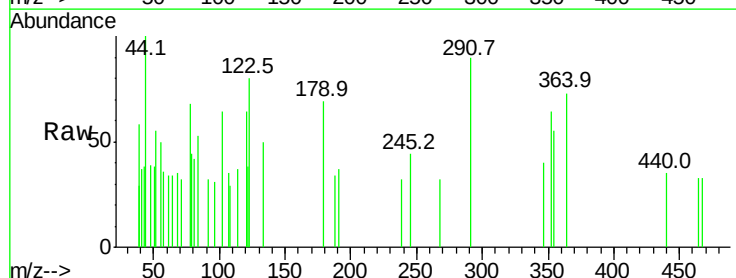
Instrument :
BNA_G
ClientSampleId :

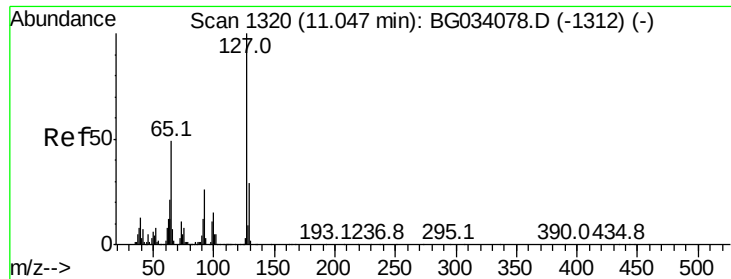
Tot Ion	Ratio	Lower	Upper
128	100		
129	7.8	8.6	12.8#
127	18.9	11.6	17.4#



#32
Benzoic acid
Concen: 3.210 ng
RT: 10.19 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BG034091.D
Acq: 1 May 2018 23:02

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

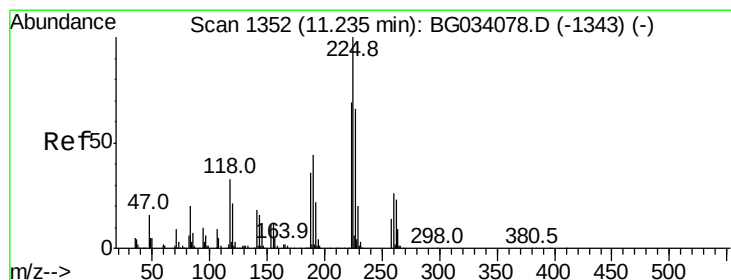
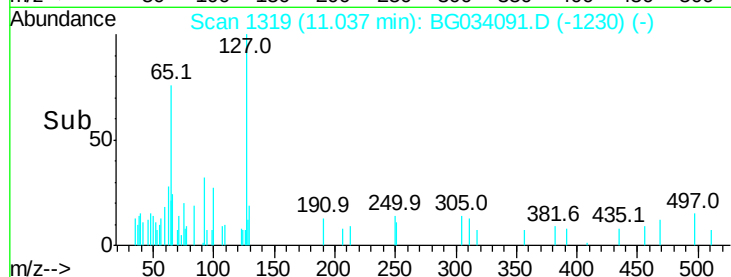
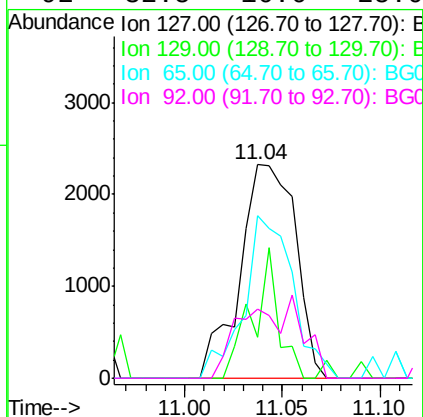
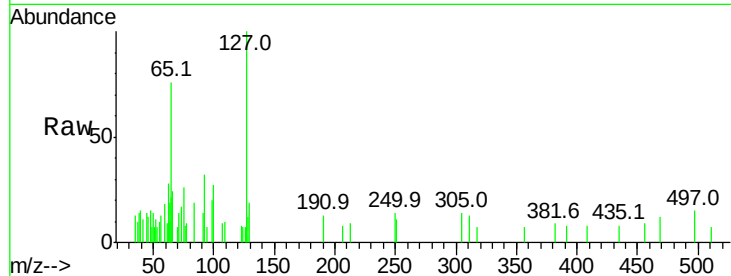




#33
4-Chloroaniline
Concen: 0.842 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG034091.D
Acq: 1 May 2018 23:02

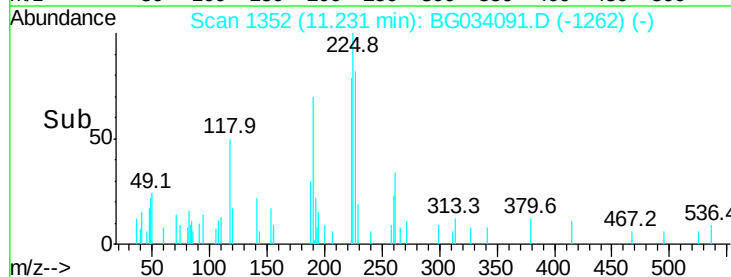
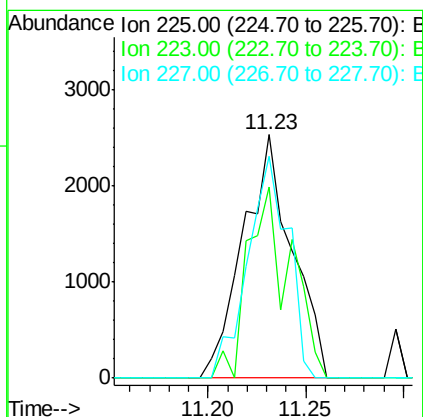
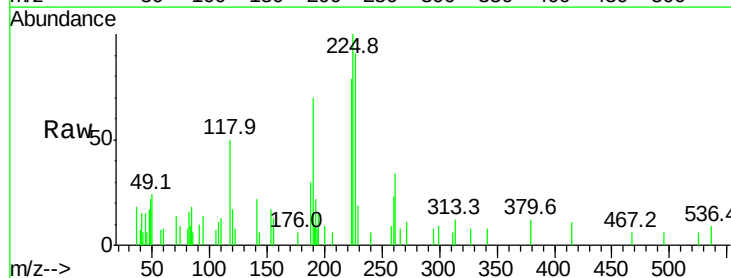
Instrument :
BNA_G
ClientSampleId :

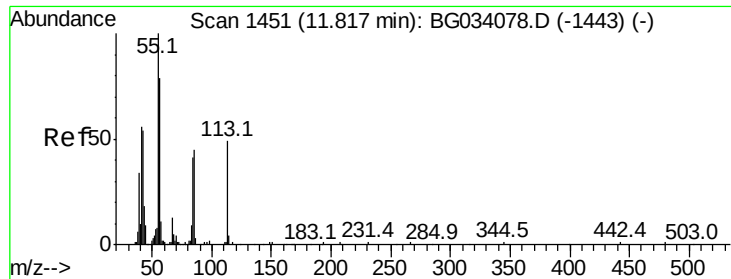
Tot Ion	Ratio	Lower	Upper
127	100		
129	19.0	24.0	36.0#
65	75.8	27.0	40.4#
92	32.5	16.6	25.0#



#34
Hexachlorobutadiene
Concen: 1.016 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BG034091.D
Acq: 1 May 2018 23:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	78.7	49.7	74.5#
227	91.2	48.1	72.1#





#35

Caprolactam

Concen: 0.743 ng

RT: 11.80 min Scan# 1449

Delta R.T. -0.02 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

Instrument :

BNA_G

ClientSampleId :

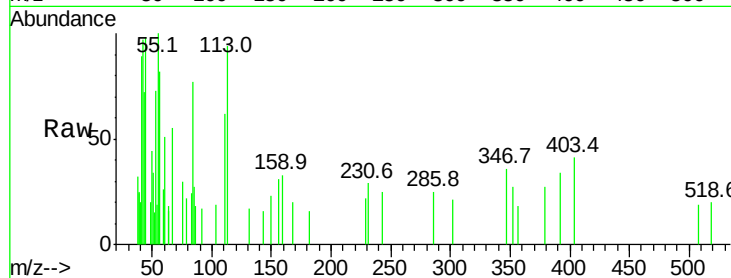
Tot Ion:113 Resp: 1112

Ion Ratio Lower Upper

113 100

55 106.7 186.9 226.9#

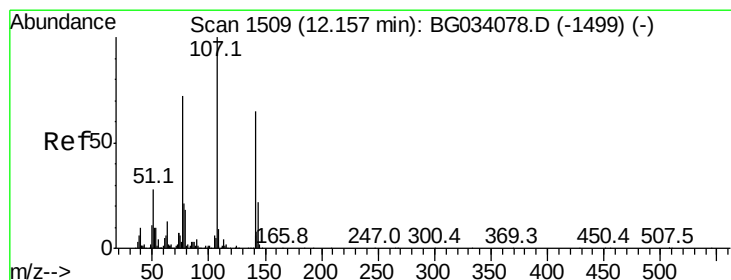
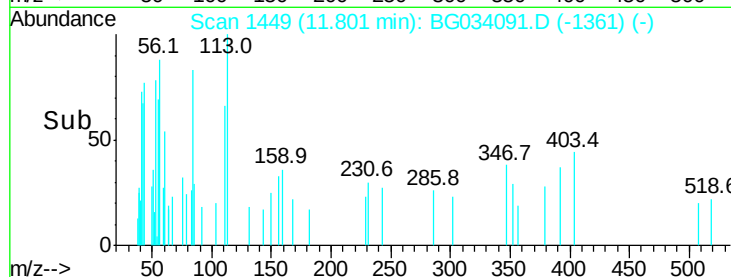
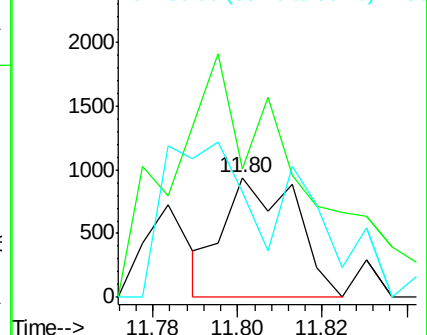
56 87.9 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 0.896 ng

RT: 12.15 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

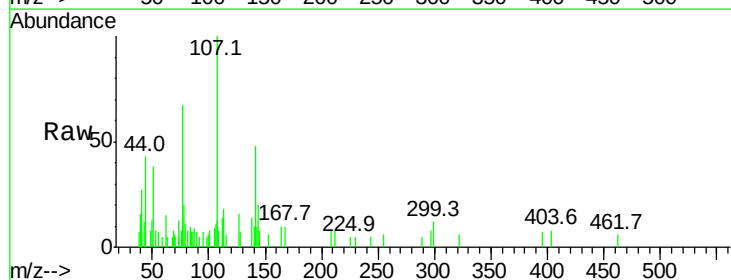
Tgt Ion:107 Resp: 4897

Ion Ratio Lower Upper

107 100

144 19.6 18.2 27.4

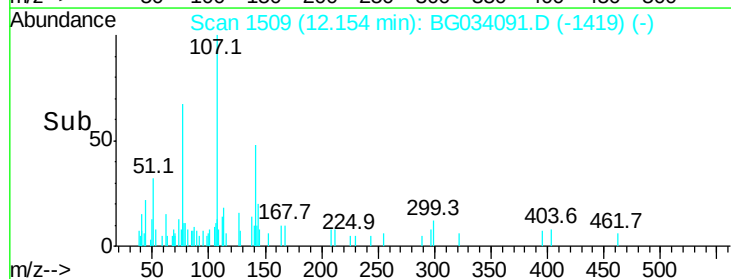
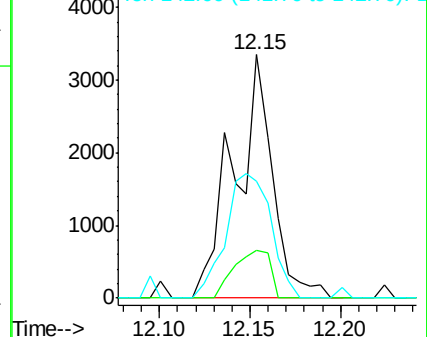
142 47.8 59.0 88.4#

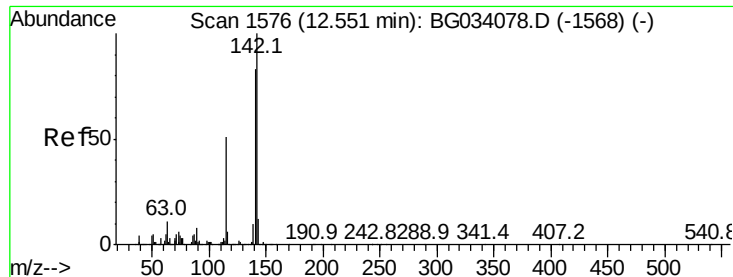


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 1.006 ng

RT: 12.55 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

Instrument :

BNA_G

ClientSampleId :

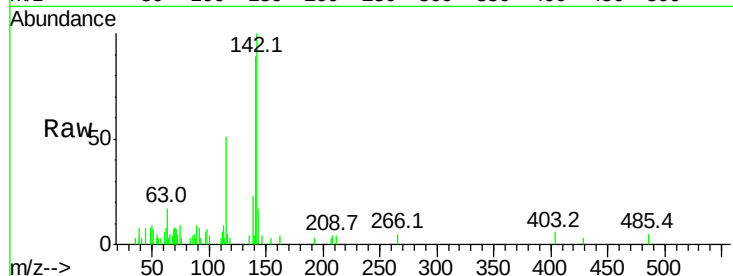
Tot Ion:142 Resp: 9878

Ion Ratio Lower Upper

142 100

141 89.4 67.1 100.7

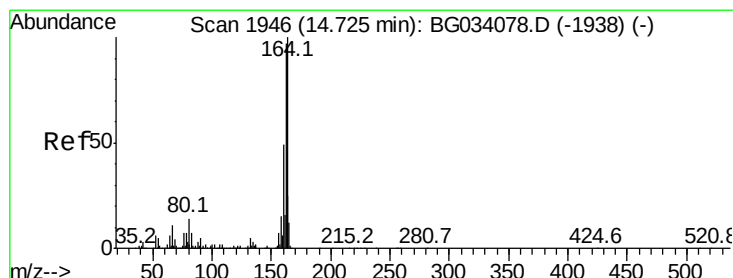
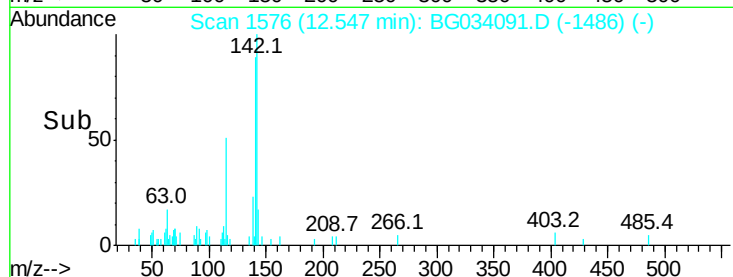
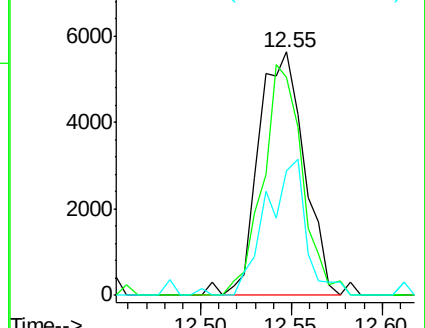
115 51.2 30.7 46.1#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

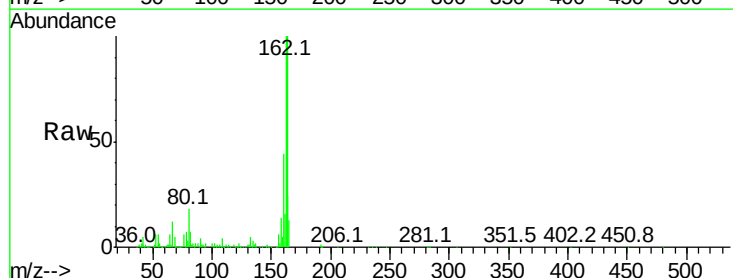
Tgt Ion:164 Resp: 177431

Ion Ratio Lower Upper

164 100

162 100.2 78.8 118.2

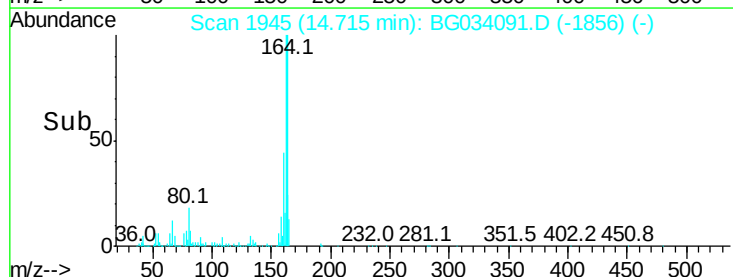
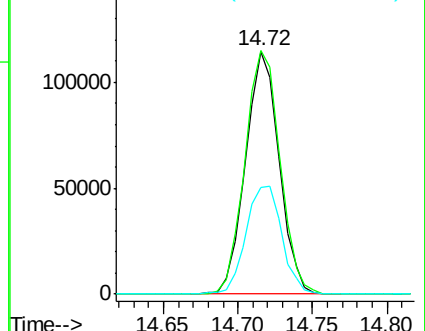
160 44.2 35.4 53.0

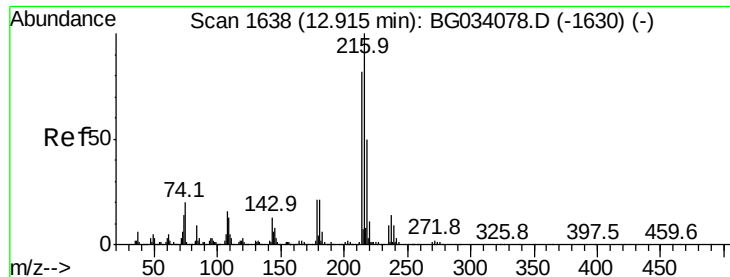


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 1.244 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

Instrument :

BNA_G

ClientSampled :

Tot Ion:216 Resp: 8538

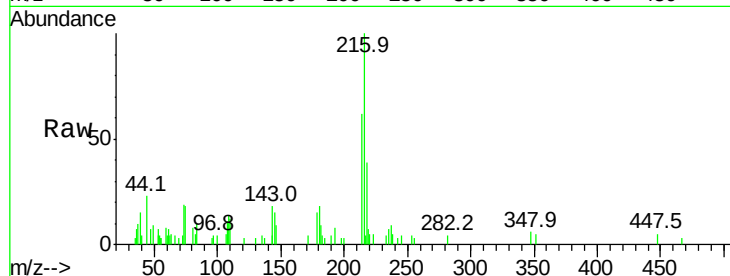
Ion Ratio Lower Upper

216 100

214 62.0 63.0 94.4#

179 23.6 17.0 25.6

108 17.1 12.8 19.2

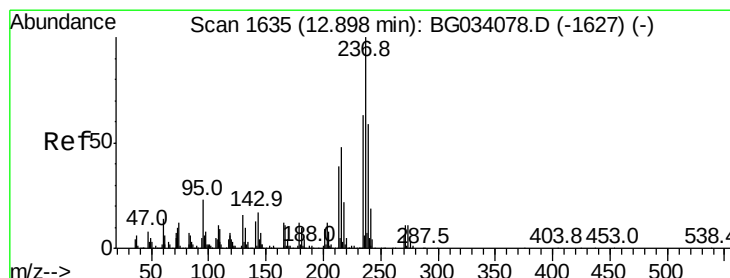
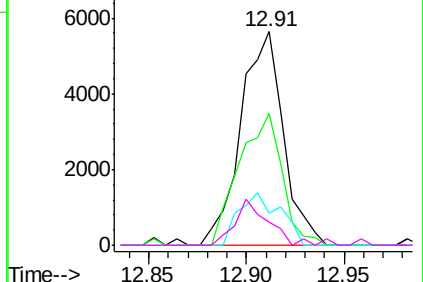
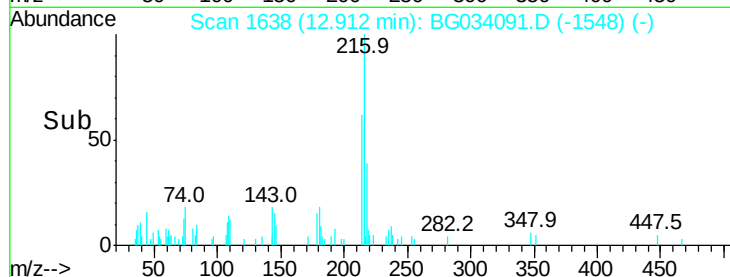


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 0.898 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

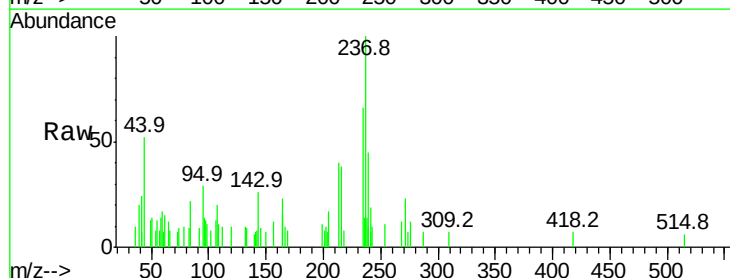
Tgt Ion:237 Resp: 3655

Ion Ratio Lower Upper

237 100

235 65.6 50.4 90.4

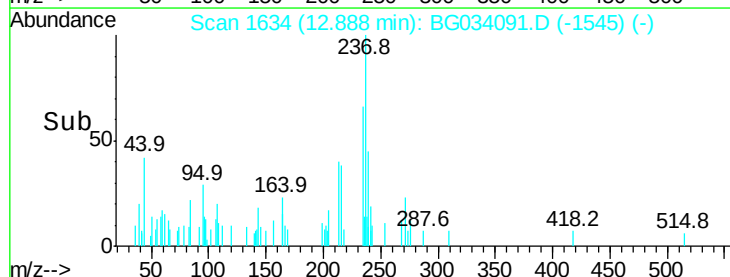
272 23.4 0.0 31.8



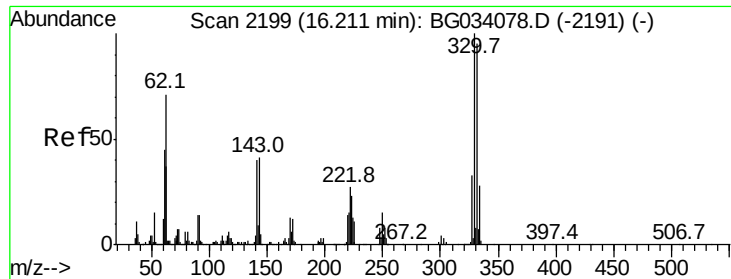
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



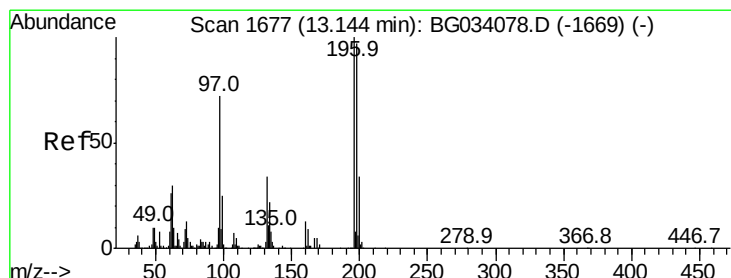
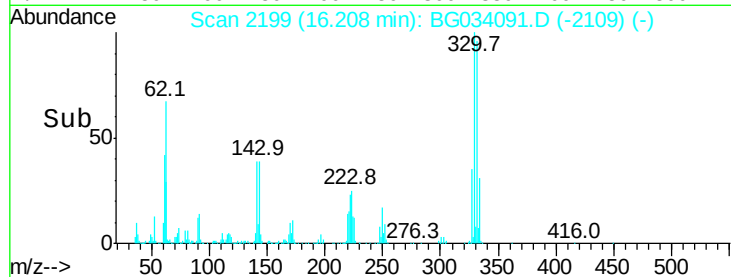
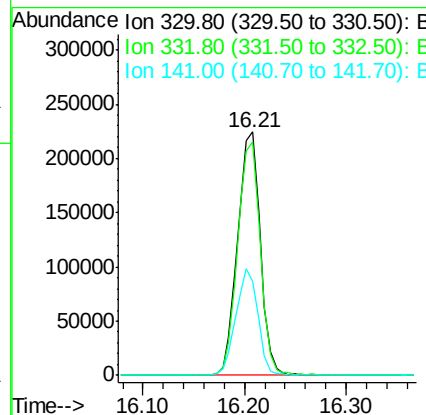
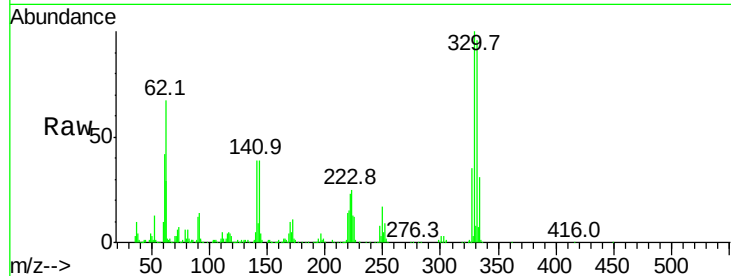
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 142.154 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG034091.D
 Acq: 1 May 2018 23:02

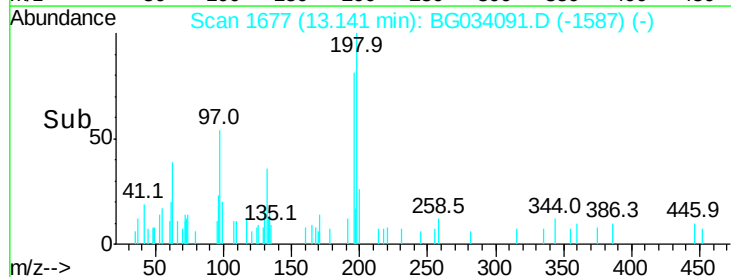
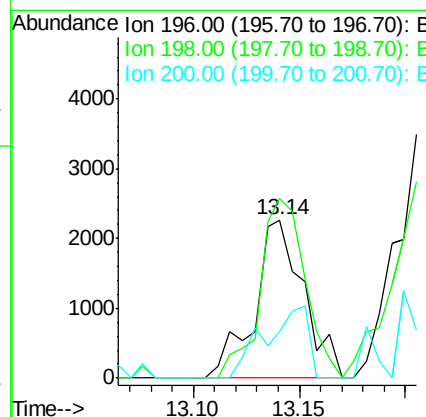
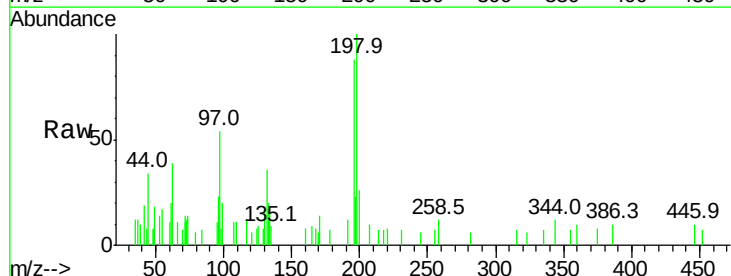
Instrument :
 BNA_G
 ClientSampled :

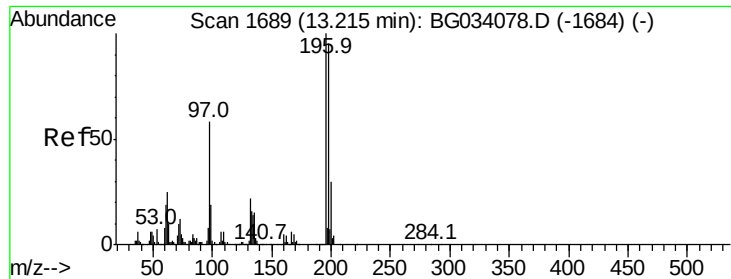
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	42.3	25.2	37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 0.918 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG034091.D
 Acq: 1 May 2018 23:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	113.3	78.2	117.2
200	29.3	24.6	36.8

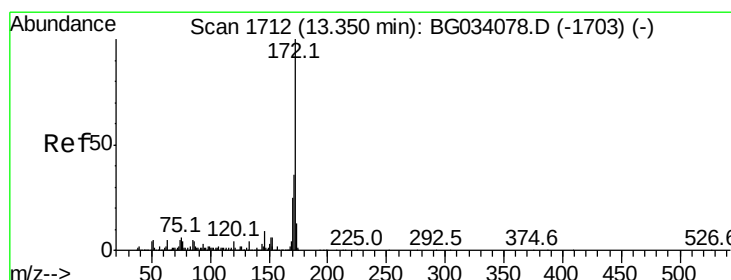
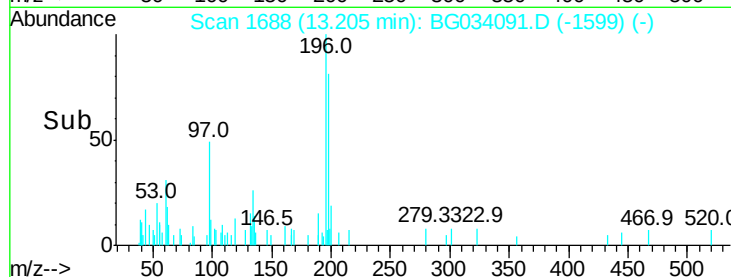
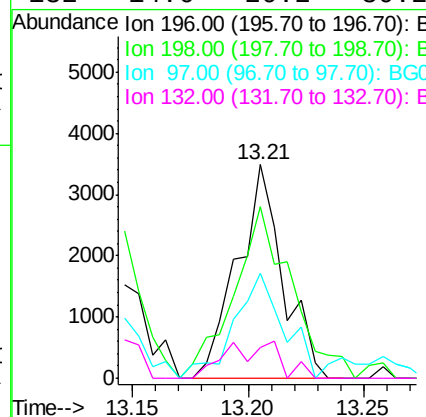
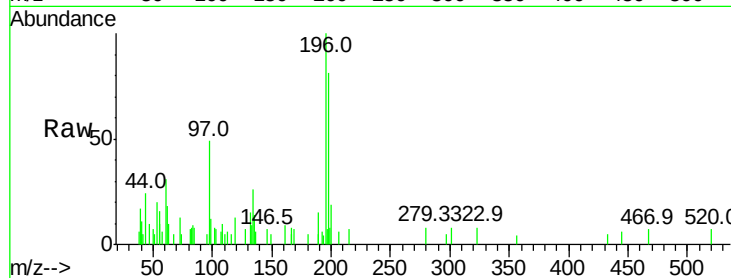




#43
 2,4,5-Trichlorophenol
 Concen: 1.082 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BG034091.D
 Acq: 1 May 2018 23:02

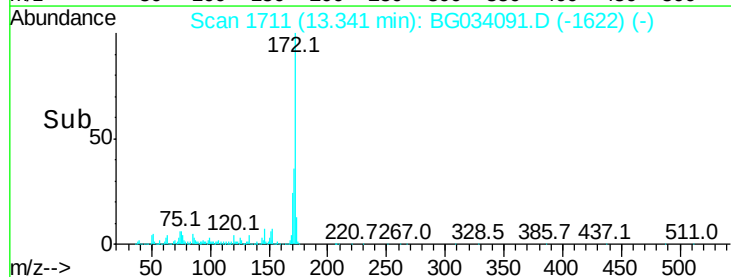
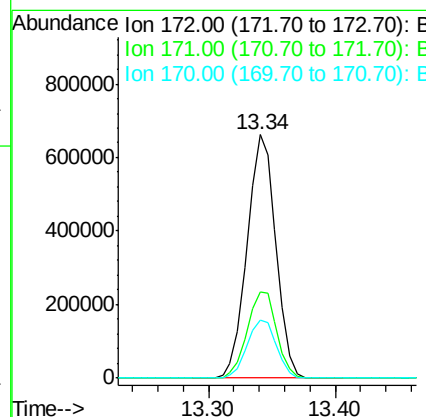
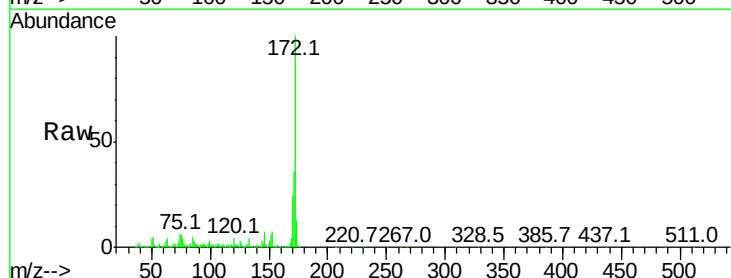
Instrument :
 BNA_G
 ClientSampleId :

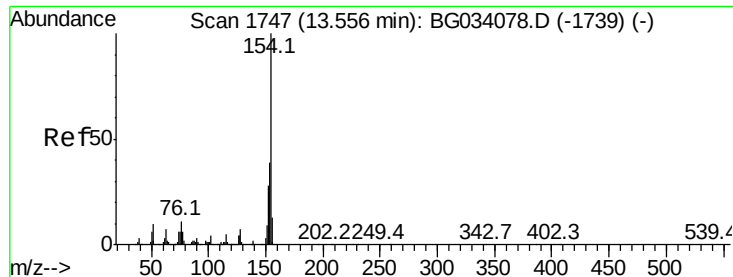
Tot Ion:196 Resp: 4770
 Ion Ratio Lower Upper
 196 100
 198 80.5 76.2 114.4
 97 49.2 38.7 58.1
 132 14.6 20.2 30.2#



#44
 2-Fluorobiphenyl
 Concen: 85.007 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG034091.D
 Acq: 1 May 2018 23:02

Tgt Ion:172 Resp: 1035095
 Ion Ratio Lower Upper
 172 100
 171 35.6 30.0 45.0
 170 23.7 19.5 29.3





#45

1,1'-Biphenyl

Concen: 1.120 ng

RT: 13.55 min Scan# 1747

Delta R.T. -0.00 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

Instrument :

BNA_G

ClientSampleId :

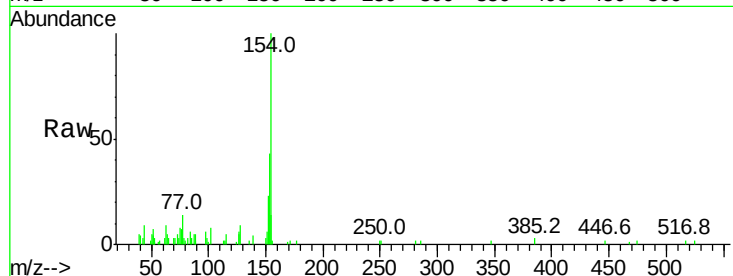
Tot Ion:154 Resp: 15523

Ion Ratio Lower Upper

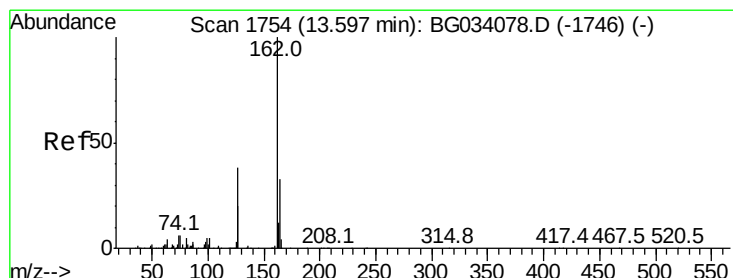
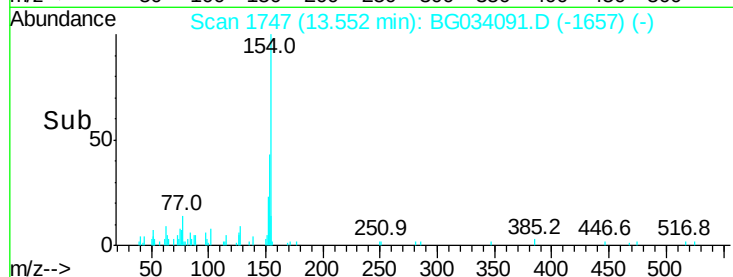
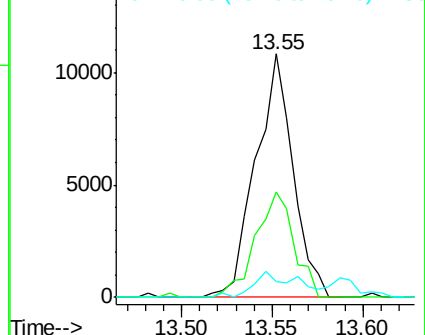
154 100

153 43.3 19.8 59.8

76 6.5 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): B



#46

2-Chloronaphthalene

Concen: 1.082 ng

RT: 13.59 min Scan# 1754

Delta R.T. -0.00 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

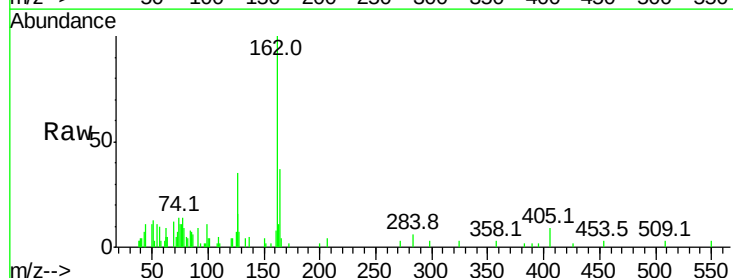
Tgt Ion:162 Resp: 11359

Ion Ratio Lower Upper

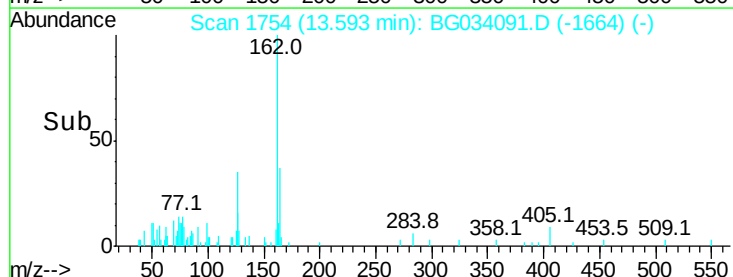
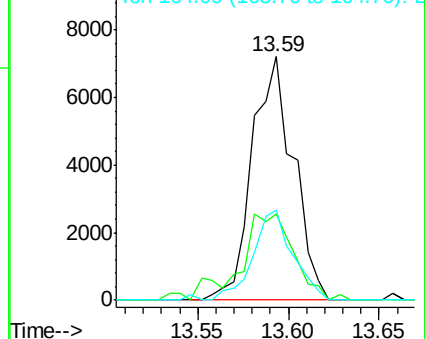
162 100

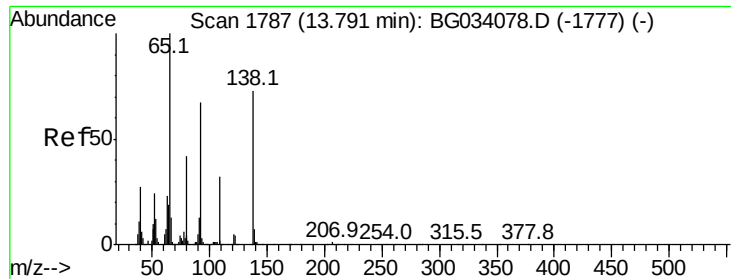
127 35.2 30.7 46.1

164 36.8 26.0 39.0



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





#47

2-Nitroaniline

Concen: 0.804 ng

RT: 13.79 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

Instrument :

BNA_G

ClientSampled :

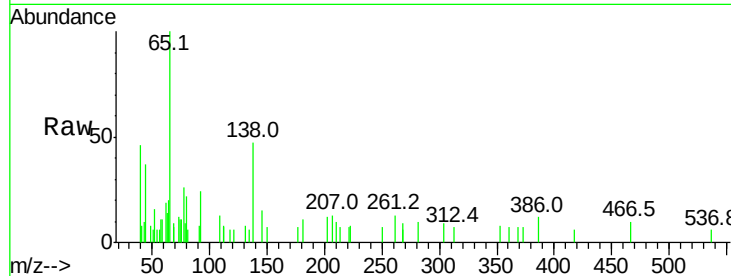
Tot Ion: 65 Resp: 3375

Ion Ratio Lower Upper

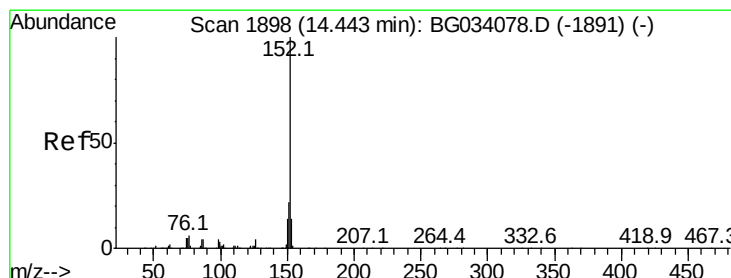
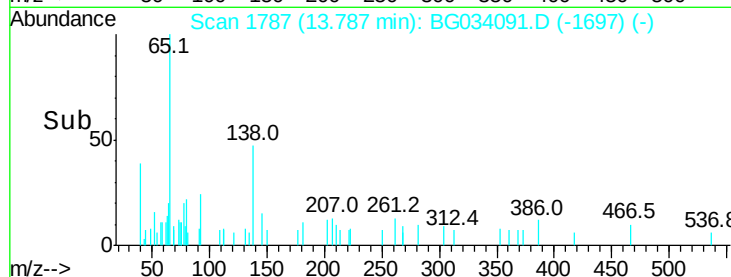
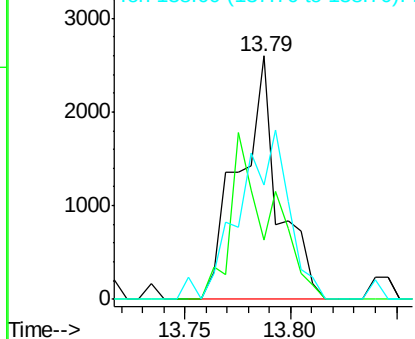
65 100

92 24.1 54.6 82.0#

138 47.1 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: 1.058 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

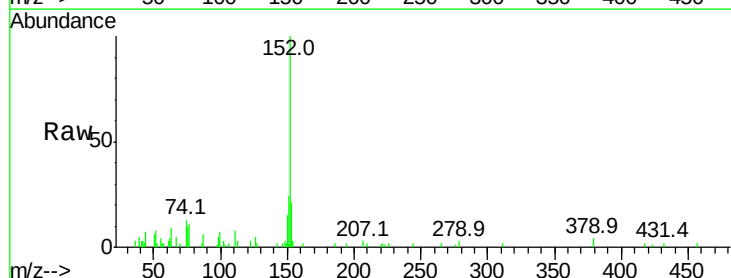
Tgt Ion: 152 Resp: 17720

Ion Ratio Lower Upper

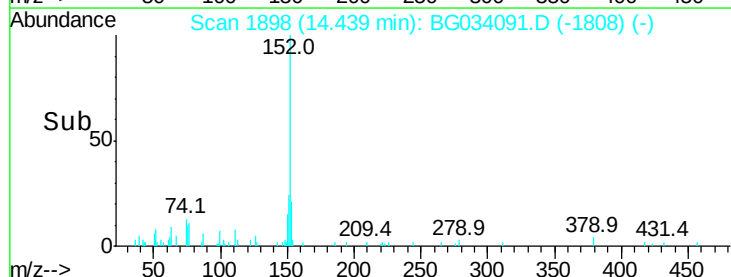
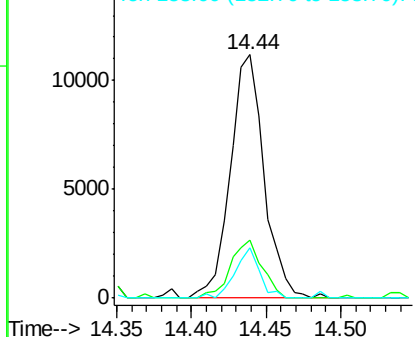
152 100

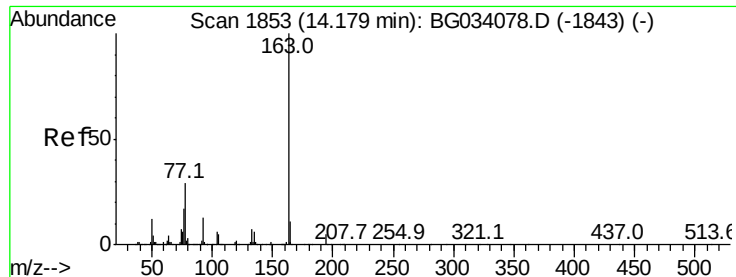
151 24.0 17.2 25.8

153 20.7 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: 1.107 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

Instrument :

BNA_G

ClientSampleId :

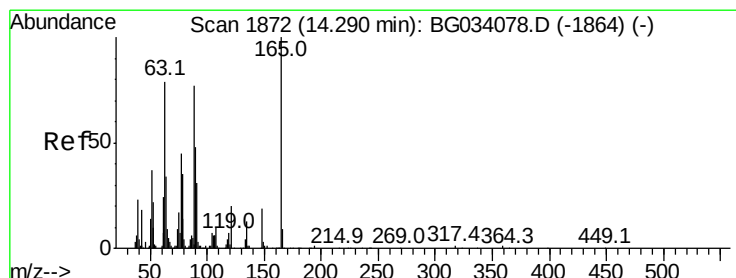
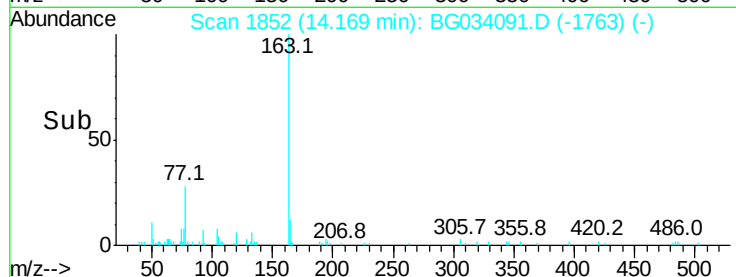
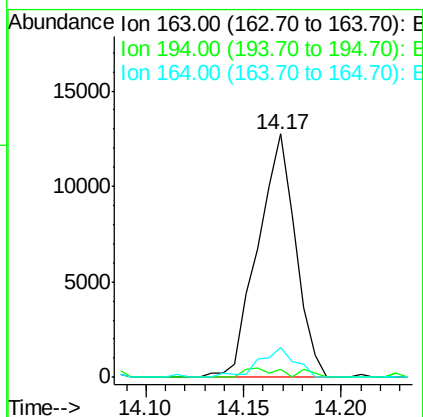
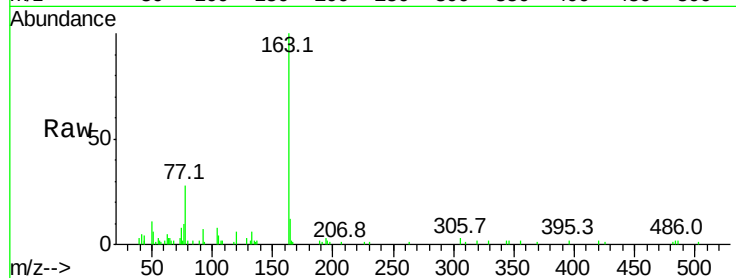
Tot Ion:163 Resp: 17031

Ion Ratio Lower Upper

163 100

194 3.3 3.4 5.2#

164 12.0 8.2 12.4



#50

2,6-Dinitrotoluene

Concen: 0.884 ng

RT: 14.28 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

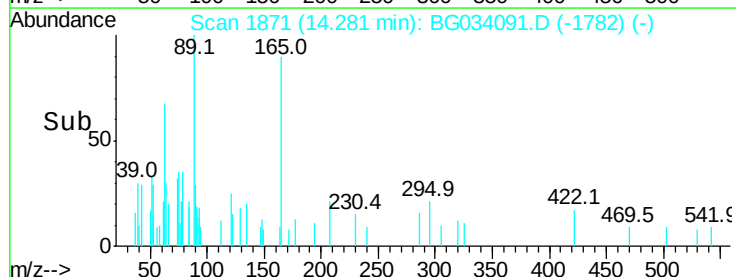
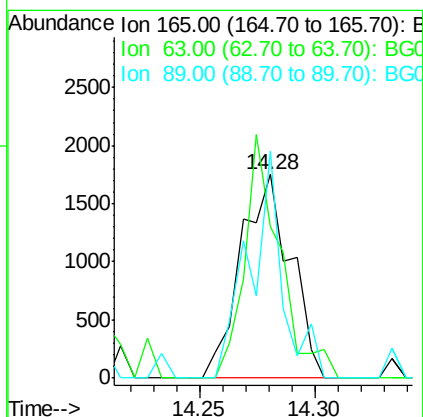
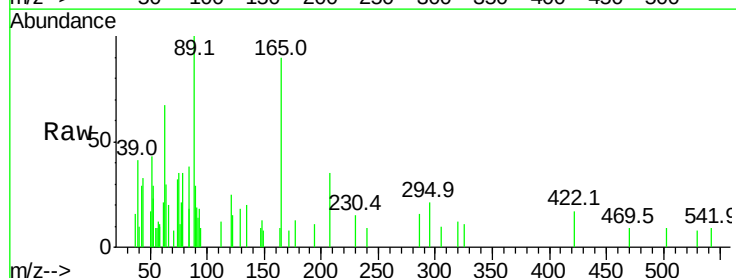
Tgt Ion:165 Resp: 2612

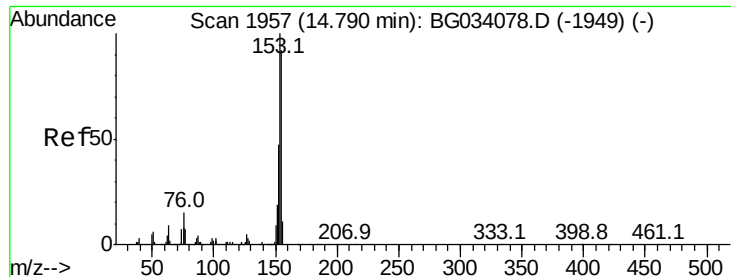
Ion Ratio Lower Upper

165 100

63 74.2 52.7 79.1

89 111.4 49.2 73.8#





#51

Acenaphthene

Concen: 0.991 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

Instrument :

BNA_G

ClientSampleId :

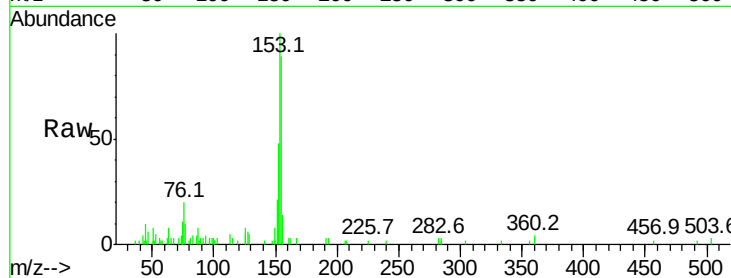
Tot Ion:154 Resp: 11285

Ion Ratio Lower Upper

154 100

153 112.0 90.4 135.6

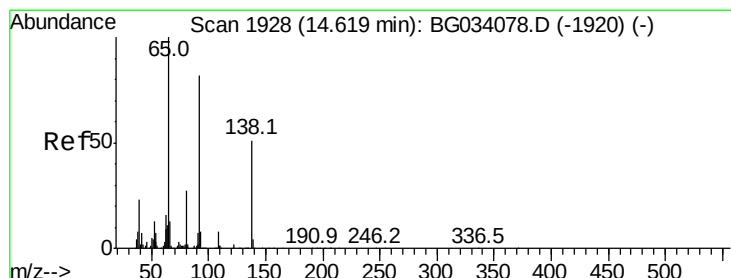
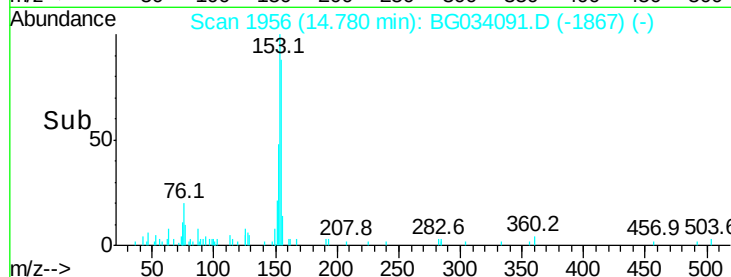
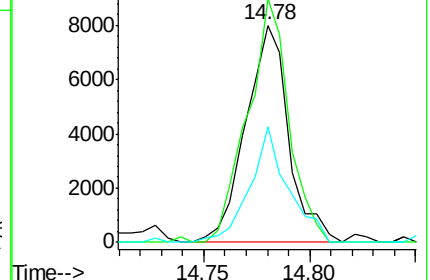
152 53.4 41.6 62.4



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: 0.766 ng

RT: 14.61 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

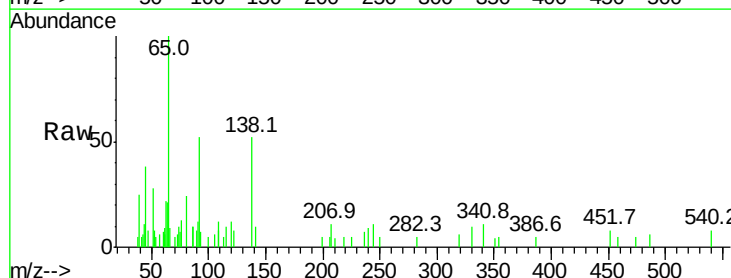
Tgt Ion:138 Resp: 2281

Ion Ratio Lower Upper

138 100

108 22.9 17.5 26.3

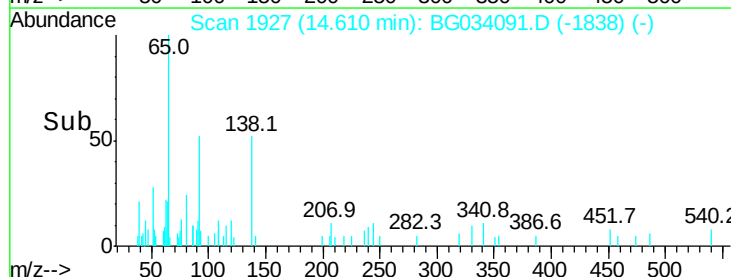
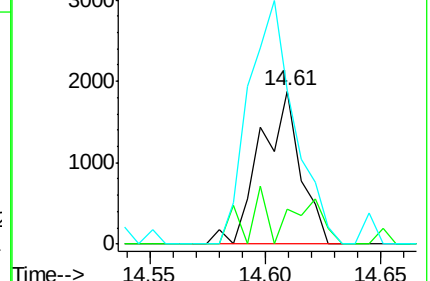
92 100.1 105.8 158.8#

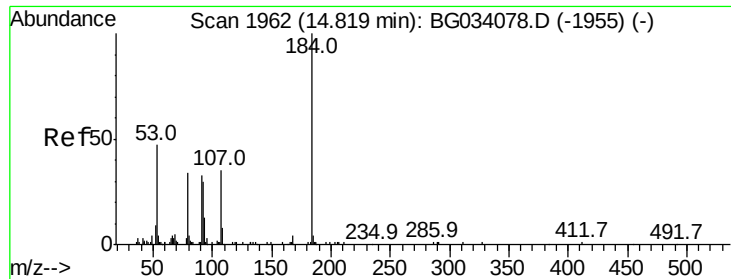


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

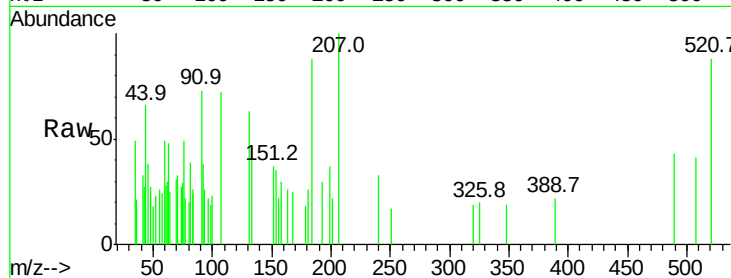




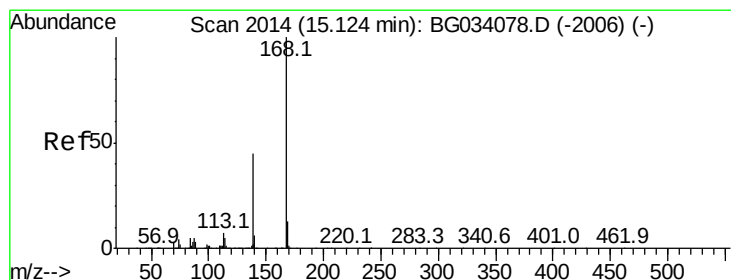
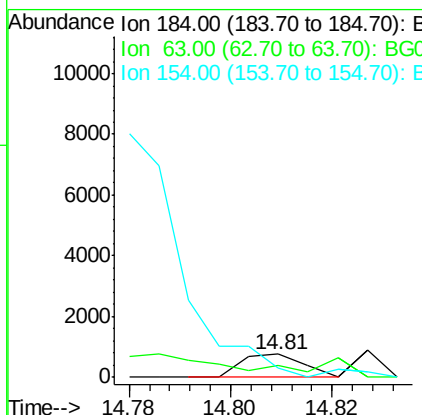
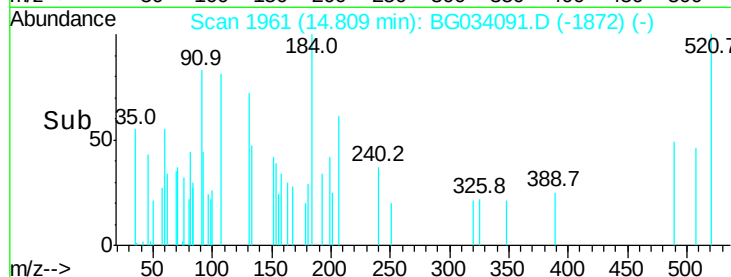
#53
2,4-Dinitrophenol
Concen: 0.565 ng
RT: 14.81 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG034091.D
Acq: 1 May 2018 23:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 653
Ion Ratio Lower Upper
184 100
63 54.0 59.8 89.8#
154 39.4 101.8 152.8#

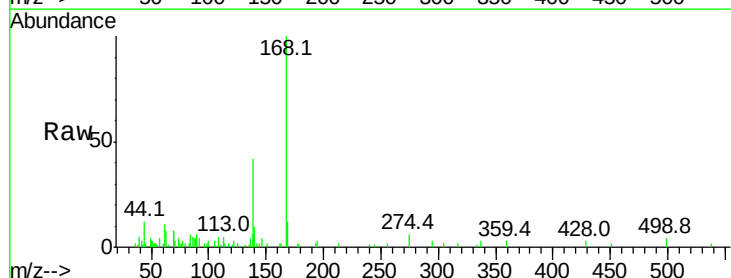


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

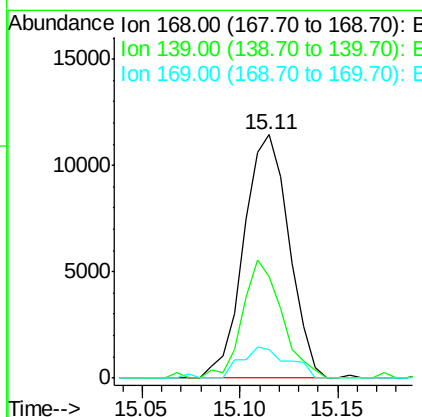
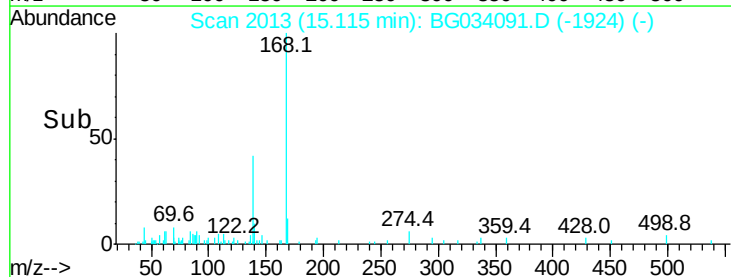


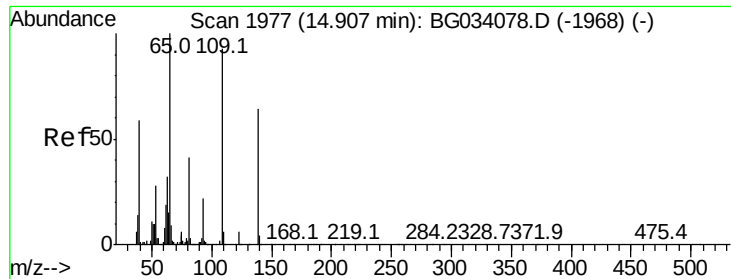
#54
Dibenzofuran
Concen: 1.110 ng
RT: 15.11 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG034091.D
Acq: 1 May 2018 23:02

Tgt Ion:168 Resp: 18325
Ion Ratio Lower Upper
168 100
139 41.7 28.6 43.0
169 11.5 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

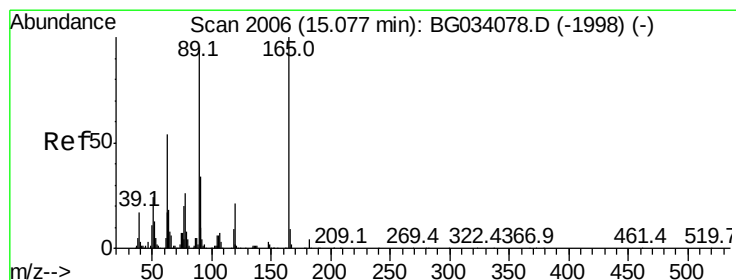
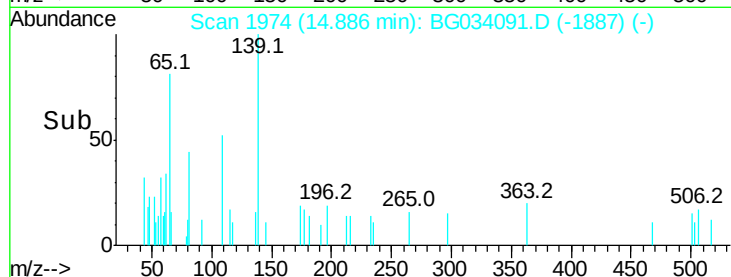
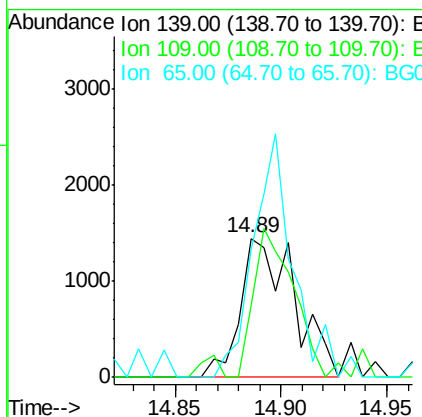
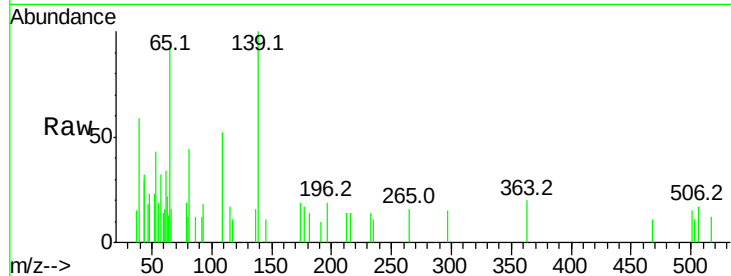




#55
4-Nitrophenol
Concen: 1.134 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG034091.D
Acq: 1 May 2018 23:02

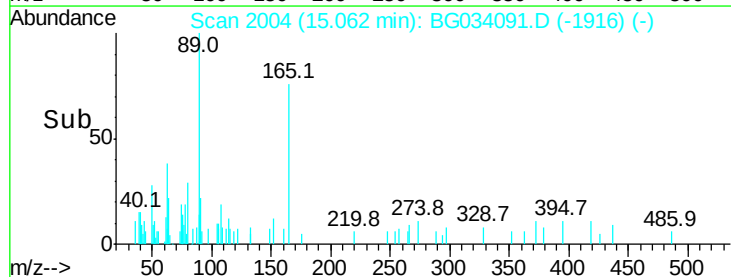
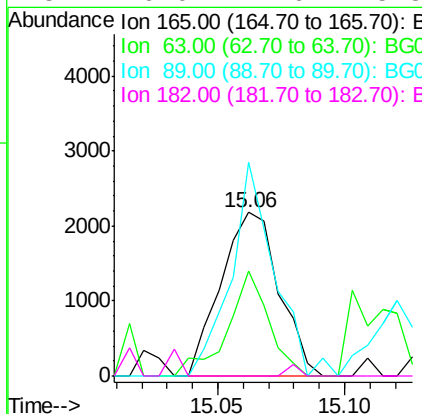
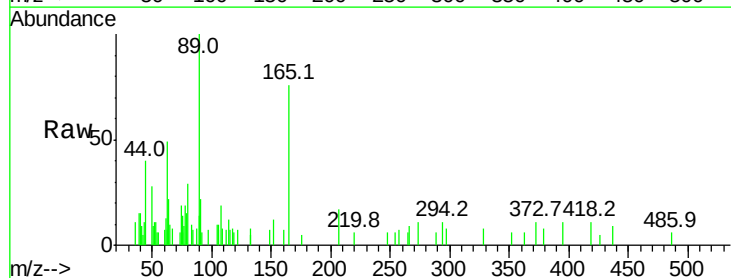
Instrument :
BNA_G
ClientSampleId :

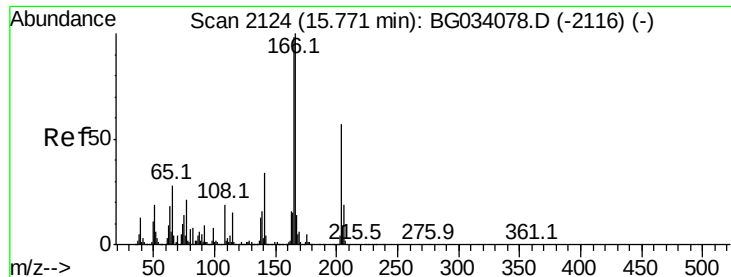
Tot Ion:139 Resp: 2579
Ion Ratio Lower Upper
139 100
109 52.1 62.2 102.2#
65 92.2 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 0.867 ng
RT: 15.06 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BG034091.D
Acq: 1 May 2018 23:02

Tgt Ion:165 Resp: 3479
Ion Ratio Lower Upper
165 100
63 64.1 42.0 63.0#
89 130.8 66.9 100.3#
182 0.0 2.6 3.8#

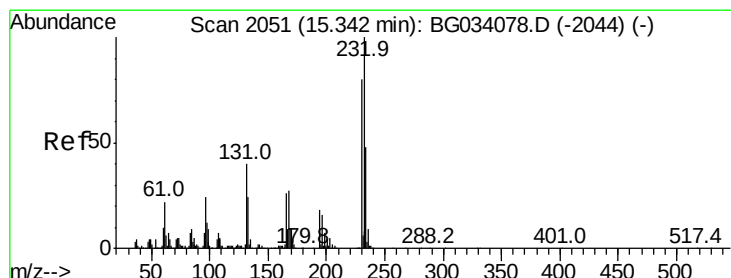
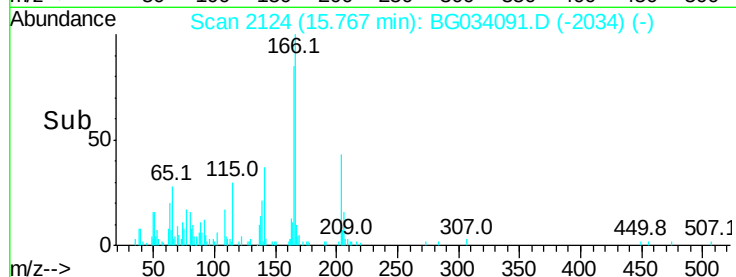
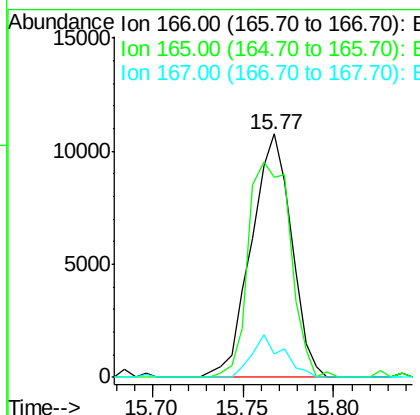
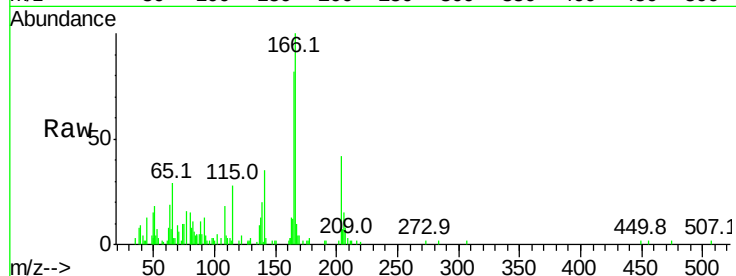




#57
 Fluorene
 Concen: 1.155 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BG034091.D
 Acq: 1 May 2018 23:02

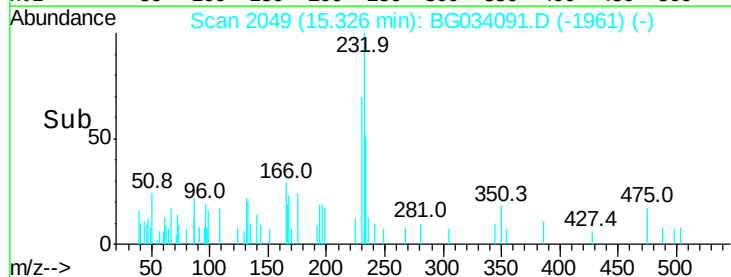
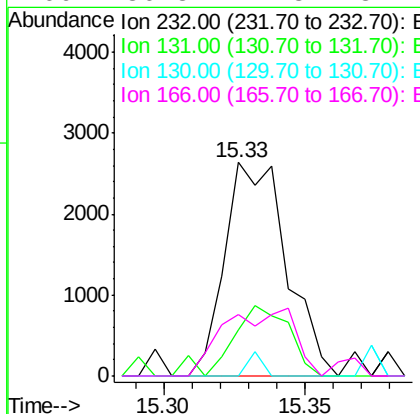
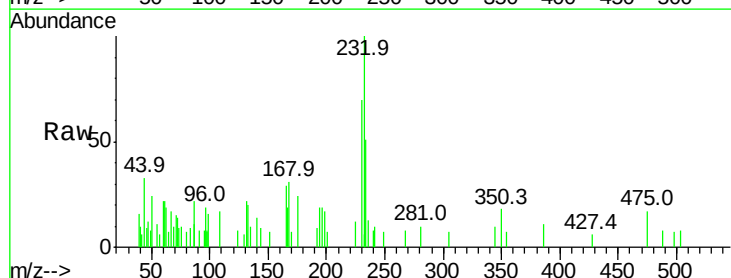
Instrument :
 BNA_G
 ClientSampleID :

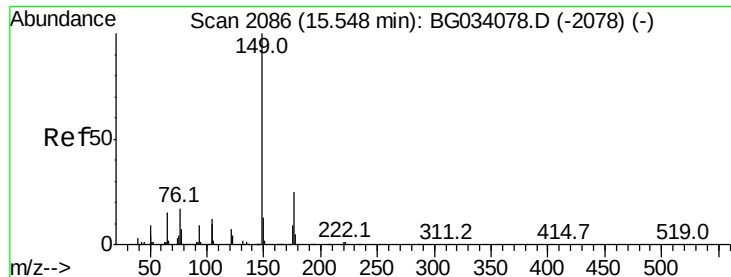
Tot Ion	Ratio	Lower	Upper
166	100		
165	82.0	80.6	121.0
167	9.8	10.4	15.6#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.878 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. -0.02 min
 Lab File: BG034091.D
 Acq: 1 May 2018 23:02

Tgt Ion	Ratio	Lower	Upper
232	100		
131	30.9	33.5	50.3#
130	2.6	2.2	3.2
166	36.3	24.8	37.2





#59

Diethylphthalate

Concen: 0.994 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.02 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

Instrument :

BNA_G

ClientSampleId :

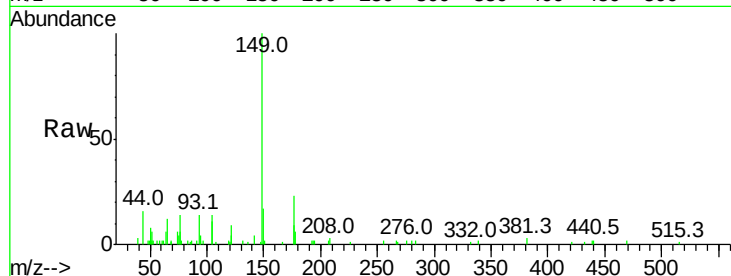
Tot Ion:149 Resp: 16179

Ion Ratio Lower Upper

149 100

177 23.1 18.5 27.7

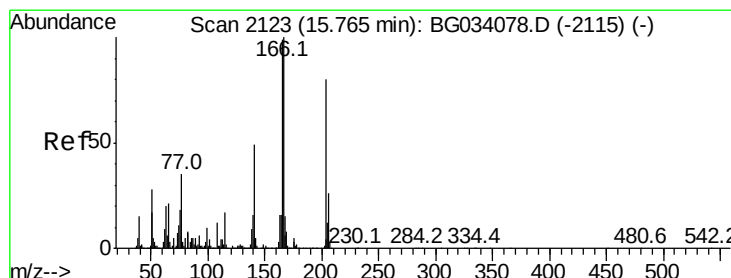
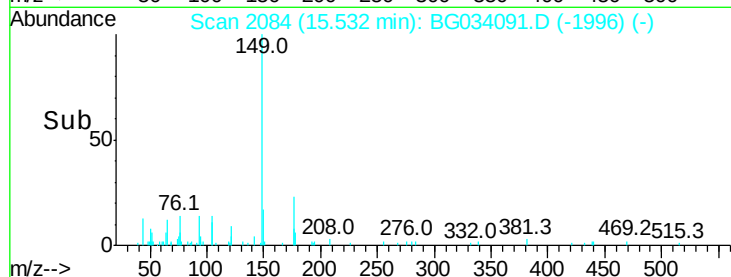
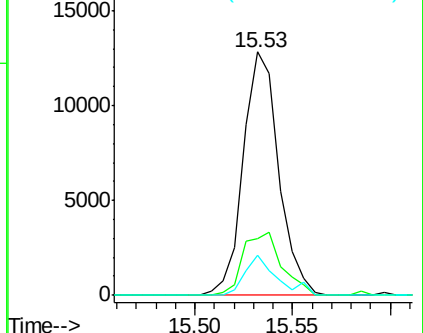
150 16.5 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 1.013 ng

RT: 15.76 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

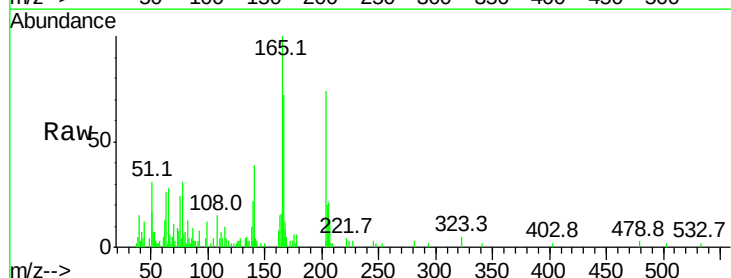
Tgt Ion:204 Resp: 8669

Ion Ratio Lower Upper

204 100

206 28.9 26.2 39.2

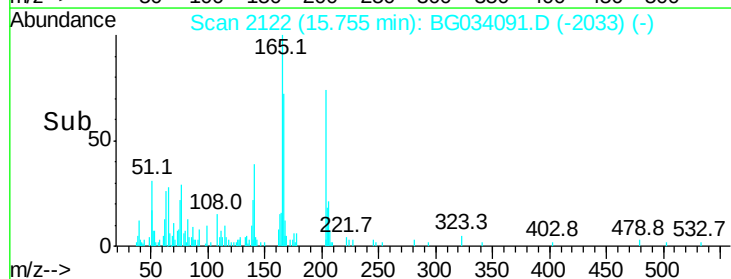
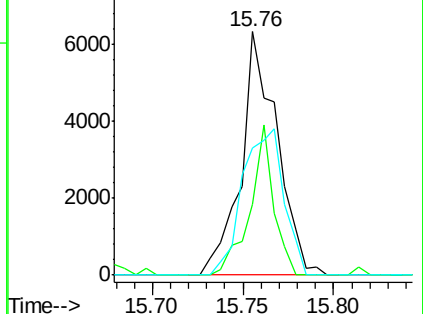
141 52.4 45.8 68.6

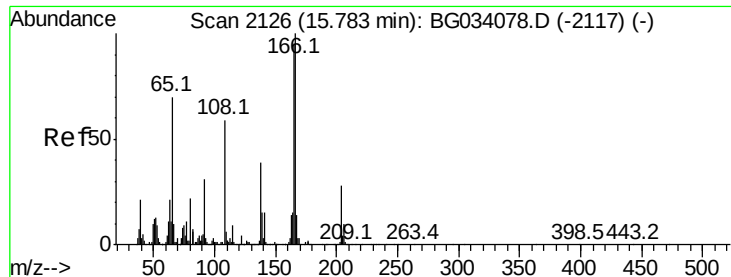


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

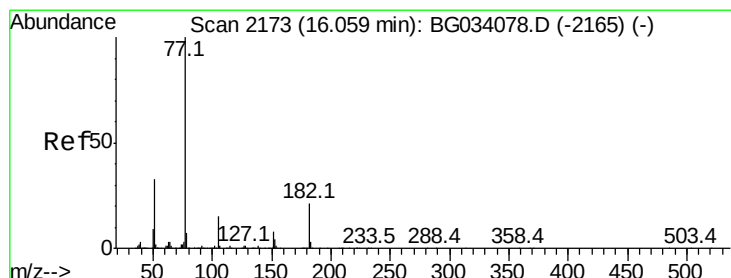
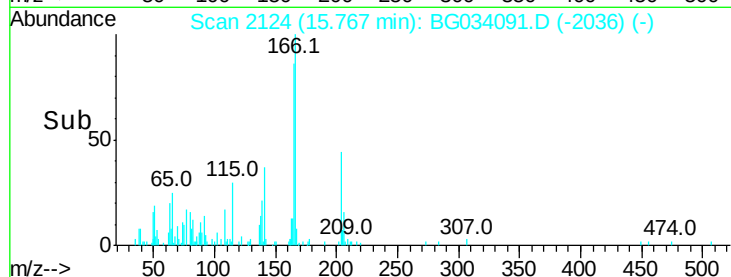
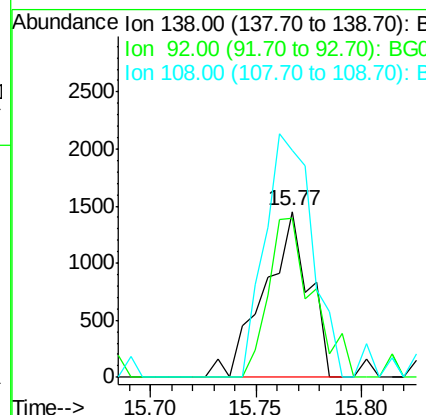
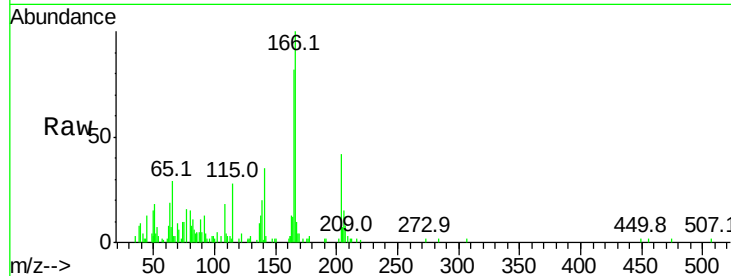




#61
4-Nitroaniline
Concen: 0.666 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG034091.D
Acq: 1 May 2018 23:02

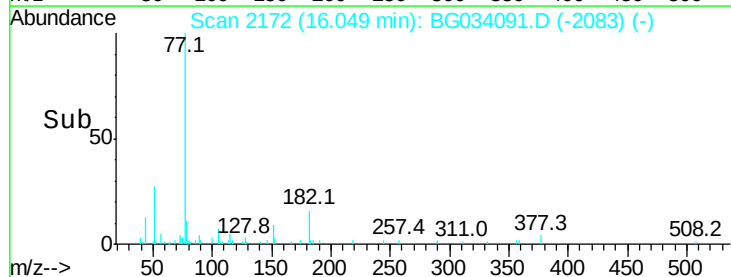
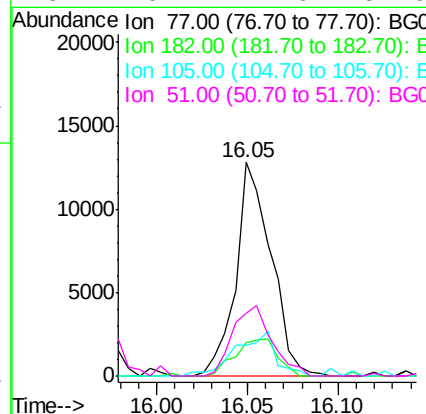
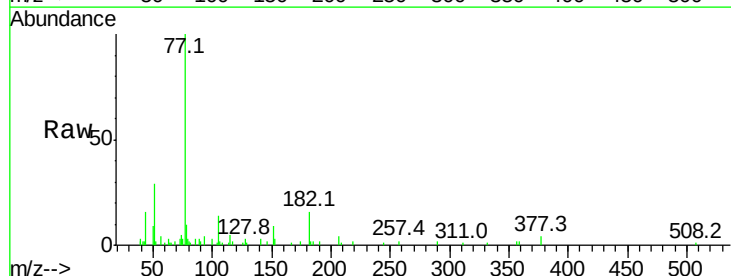
Instrument :
BNA_G
ClientSampled :

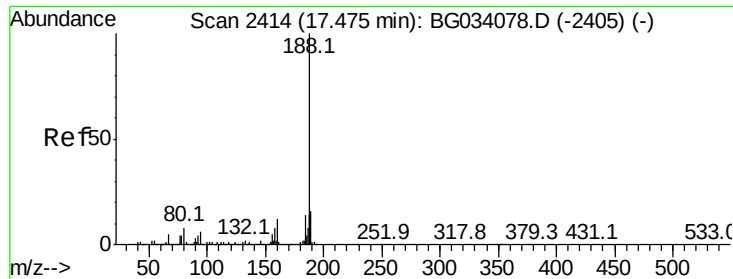
Tot Ion:138 Resp: 2104
Ion Ratio Lower Upper
138 100
92 96.1 40.1 80.1#
108 136.6 65.4 105.4#



#62
Azobenzene
Concen: 0.986 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BG034091.D
Acq: 1 May 2018 23:02

Tgt Ion: 77 Resp: 17339
Ion Ratio Lower Upper
77 100
182 15.9 7.4 47.4
105 14.3 0.3 40.3
51 29.2 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

Instrument :

BNA_G

ClientSampleId :

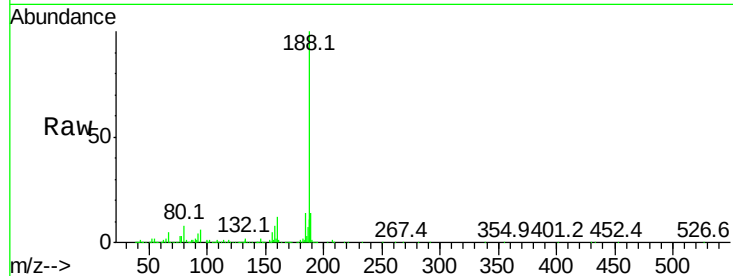
Tot Ion:188 Resp: 495799

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

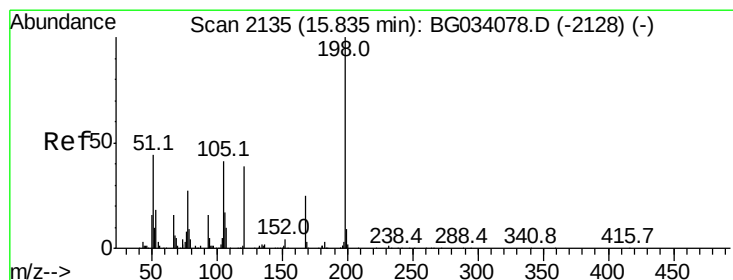
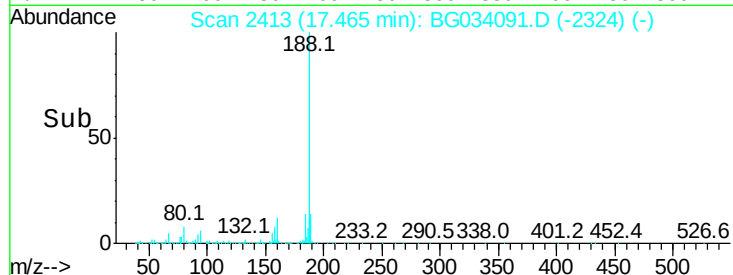
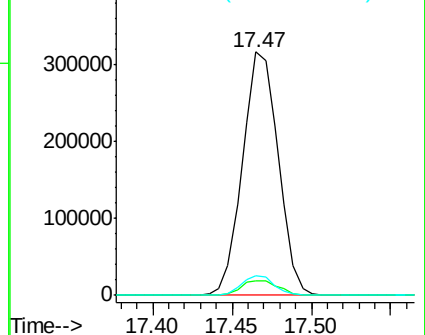
80 7.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 0.996 ng

RT: 15.83 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

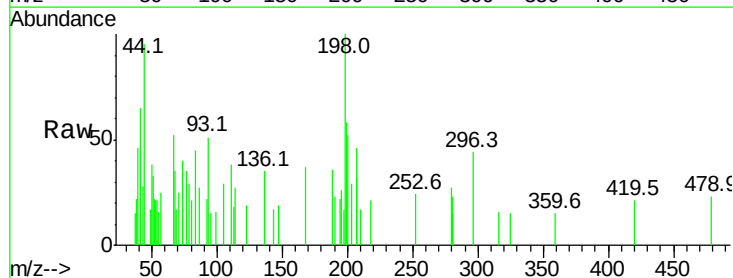
Tgt Ion:198 Resp: 2322

Ion Ratio Lower Upper

198 100

51 32.8 30.6 70.6

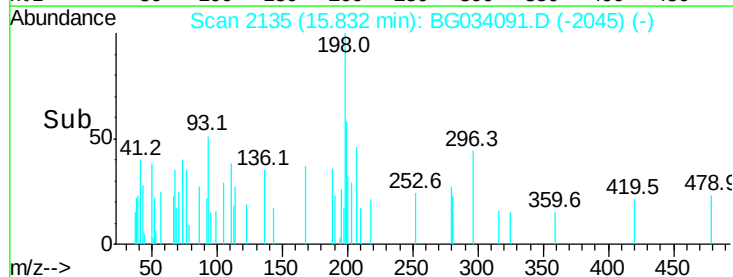
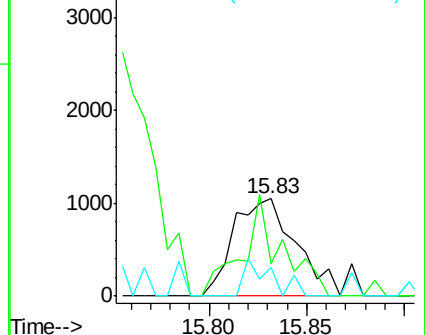
105 29.2 23.8 63.8

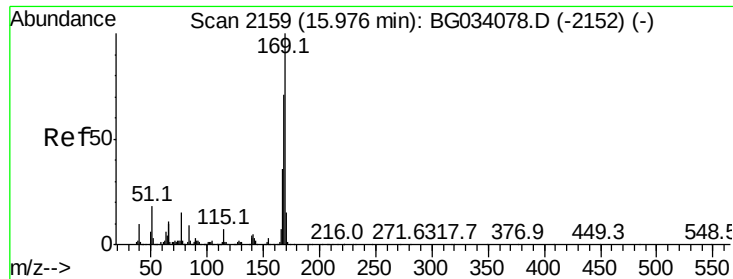


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 0.940 ng

RT: 15.97 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

Instrument :

BNA_G

ClientSampleId :

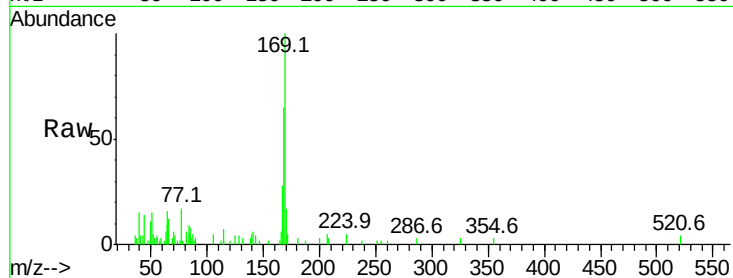
Tot Ion:169 Resp: 12713

Ion	Ratio	Lower	Upper
169	100		
168	64.8	55.7	83.5
167	27.7	30.1	45.1

169 100

168 64.8 55.7 83.5

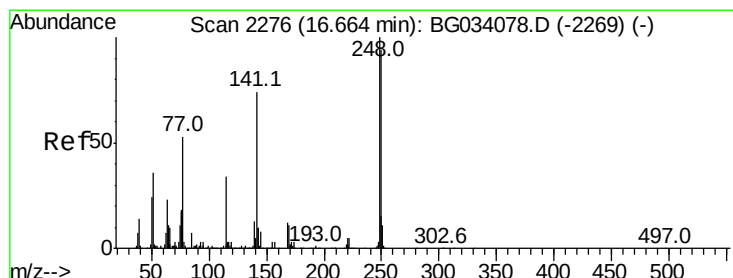
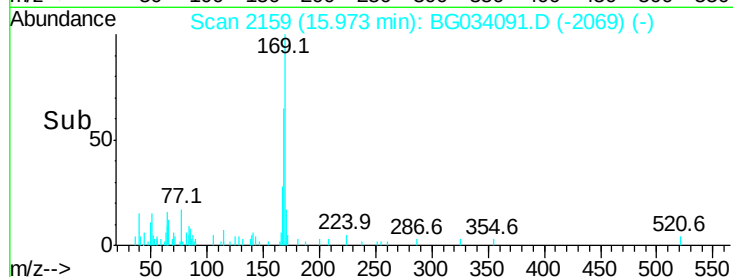
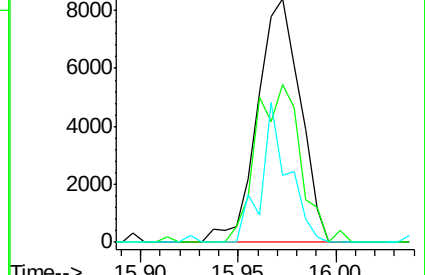
167 27.7 30.1 45.1#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 1.090 ng

RT: 16.66 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

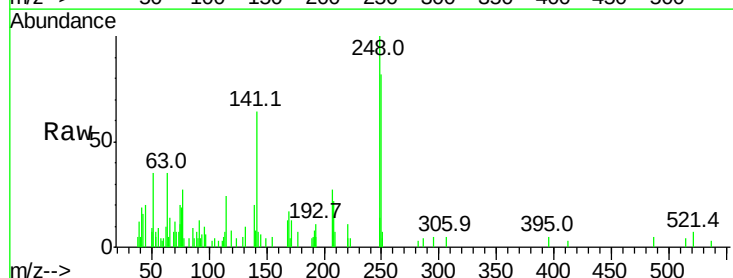
Tgt Ion:248 Resp: 6709

Ion	Ratio	Lower	Upper
248	100		
250	86.5	77.1	115.7
141	63.9	50.8	76.2

248 100

250 86.5 77.1 115.7

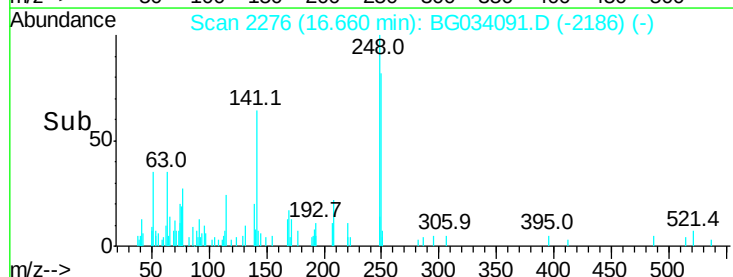
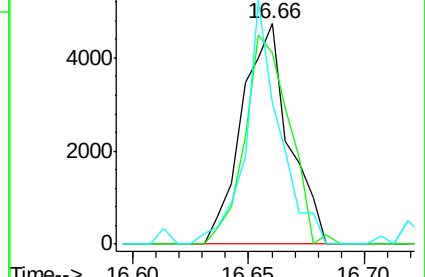
141 63.9 50.8 76.2

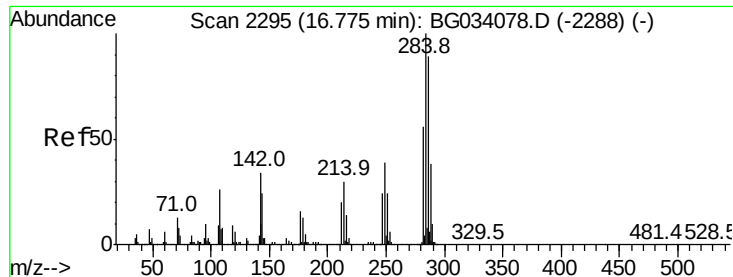


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 0.898 ng

RT: 16.76 min Scan# 2293

Delta R.T. -0.02 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

Instrument :

BNA_G

ClientSampled :

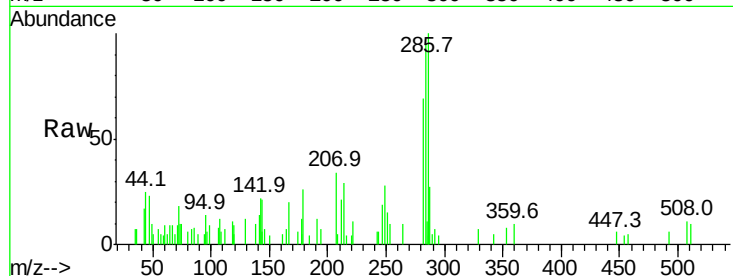
Tot Ion:284 Resp: 5611

Ion Ratio Lower Upper

284 100

142 23.2 26.8 40.2#

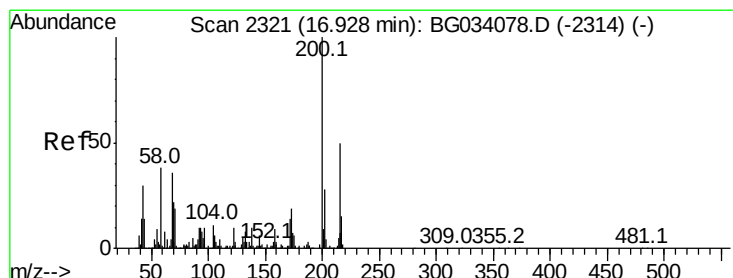
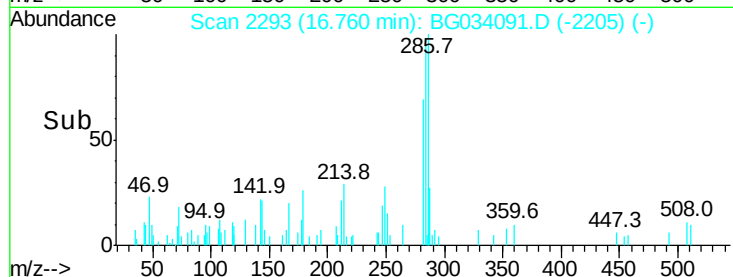
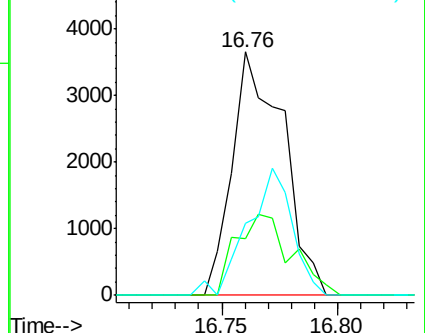
249 29.4 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 1.434 ng

RT: 16.91 min Scan# 2319

Delta R.T. -0.02 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

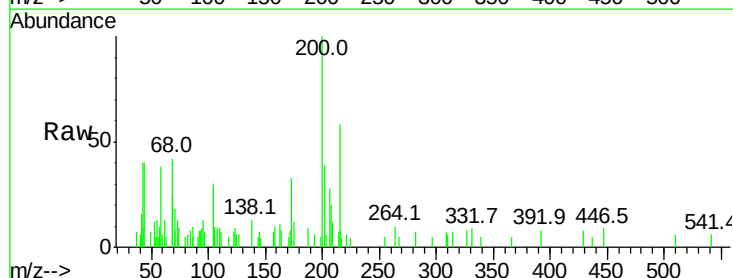
Tgt Ion:200 Resp: 4329

Ion Ratio Lower Upper

200 100

173 32.5 5.2 45.2

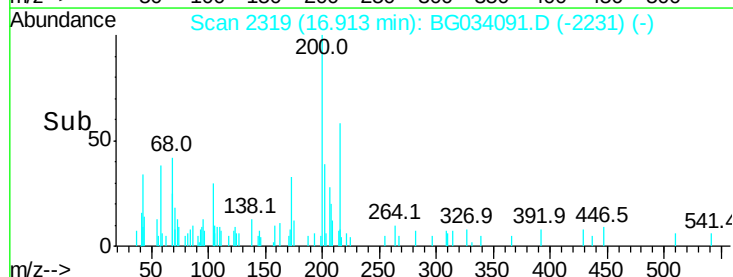
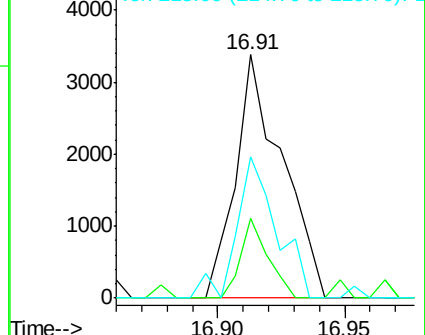
215 57.9 30.4 70.4

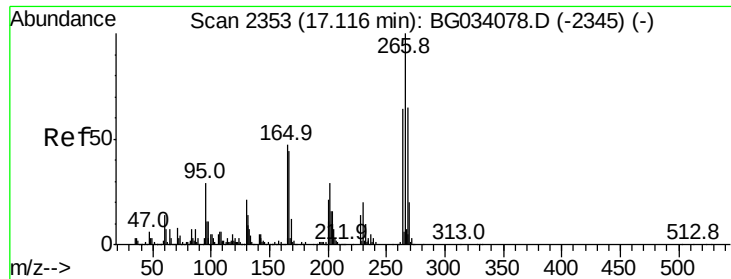


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

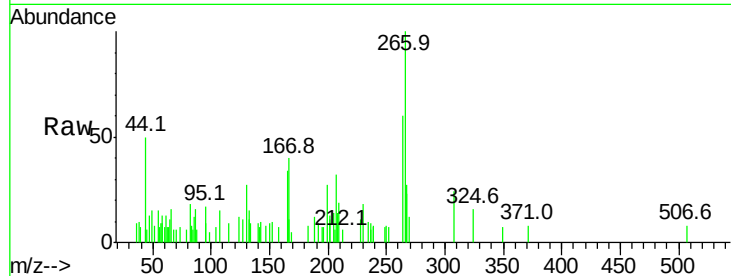




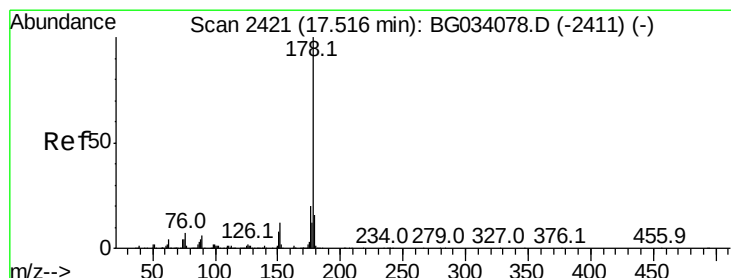
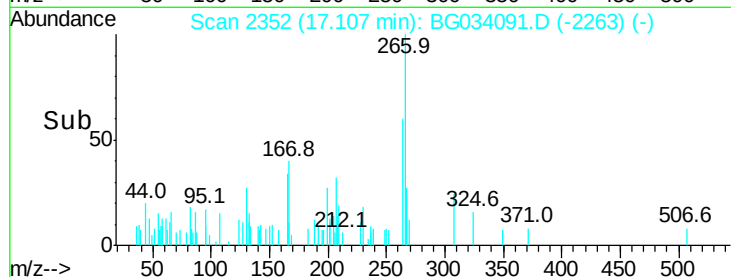
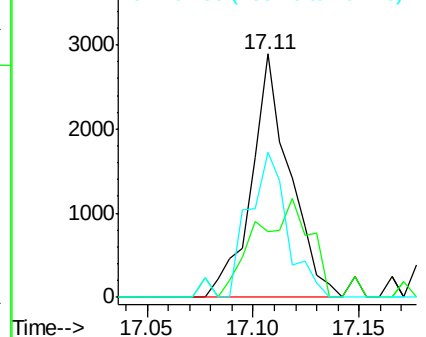
#69
 Pentachlorophenol
 Concen: 0.838 ng
 RT: 17.11 min Scan# 2352
 Delta R.T. -0.01 min
 Lab File: BG034091.D
 Acq: 1 May 2018 23:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	27.1	51.1	76.7#
264	59.7	49.6	74.4

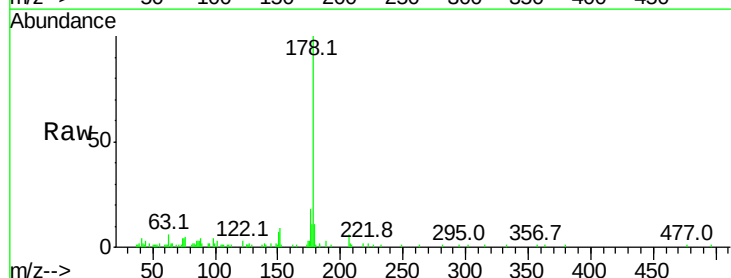


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

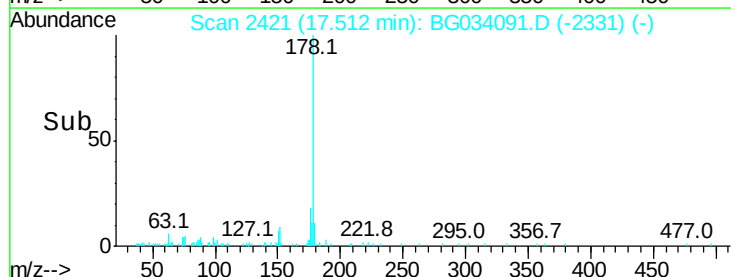
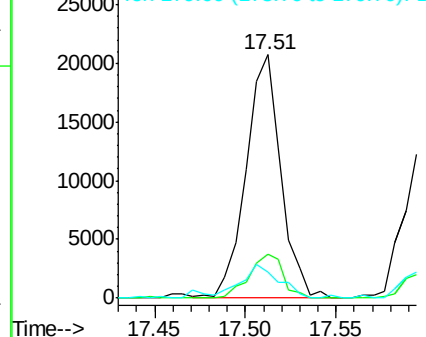


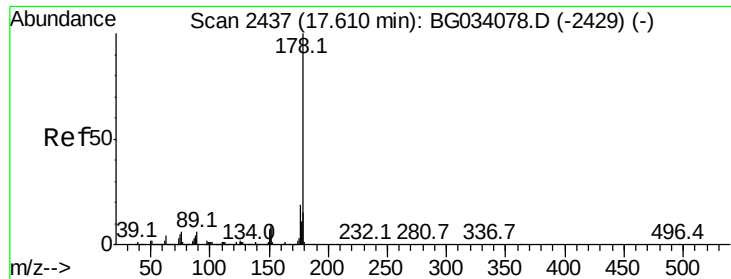
#70
 Phenanthrene
 Concen: 1.085 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BG034091.D
 Acq: 1 May 2018 23:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.7	23.5
179	10.8	12.5	18.7#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

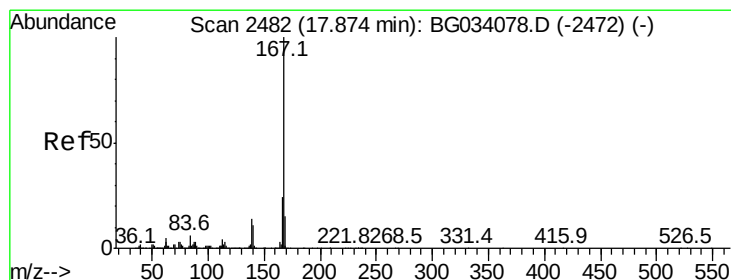
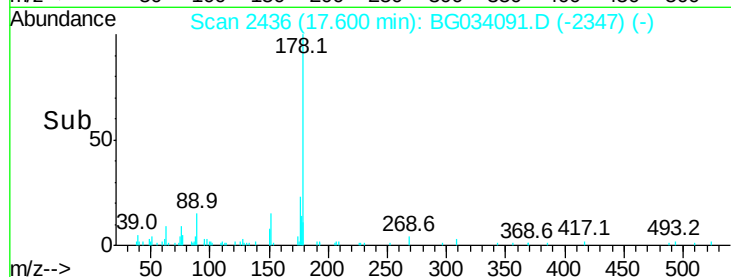
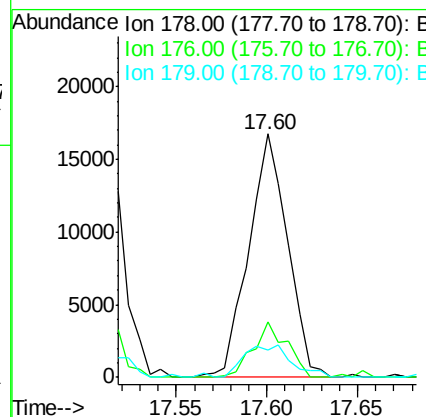
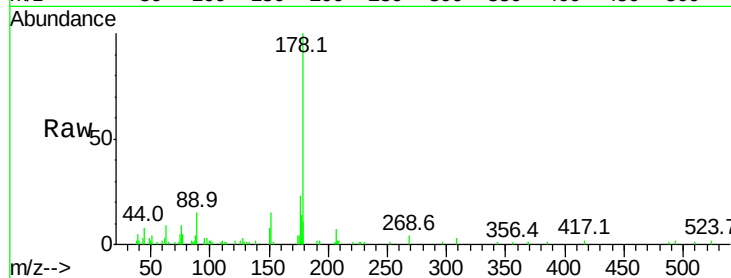




#71
 Anthracene
 Concen: 0.963 ng
 RT: 17.60 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG034091.D
 Acq: 1 May 2018 23:02

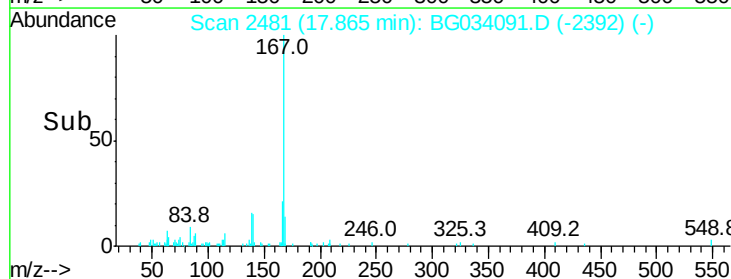
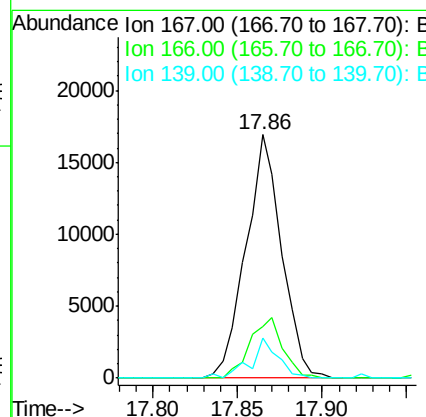
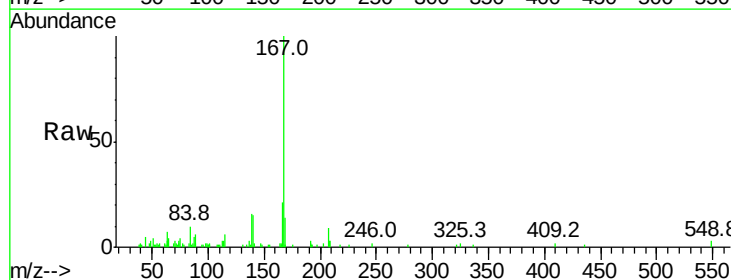
Instrument :
 BNA_G
 ClientSampleId :

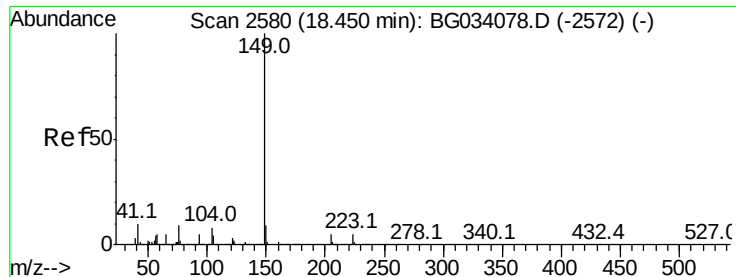
Tot Ion:178 Resp: 24874
 Ion Ratio Lower Upper
 178 100
 176 22.8 16.0 24.0
 179 11.1 12.5 18.7#



#72
 Carbazole
 Concen: 1.056 ng
 RT: 17.86 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BG034091.D
 Acq: 1 May 2018 23:02

Tgt Ion:167 Resp: 24958
 Ion Ratio Lower Upper
 167 100
 166 21.3 18.2 27.4
 139 16.4 9.4 14.2#





#73

Di-n-butylphthalate

Concen: 1.061 ng

RT: 18.44 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

Instrument :

BNA_G

ClientSampleId :

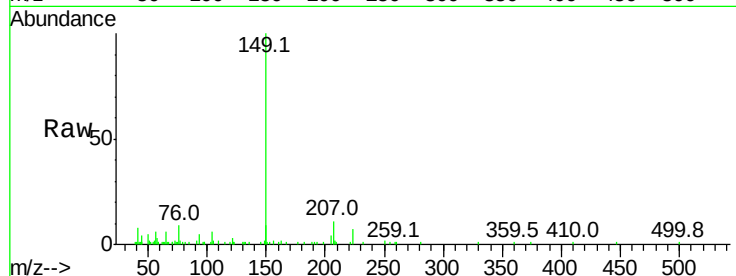
Tot Ion:149 Resp: 30198

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

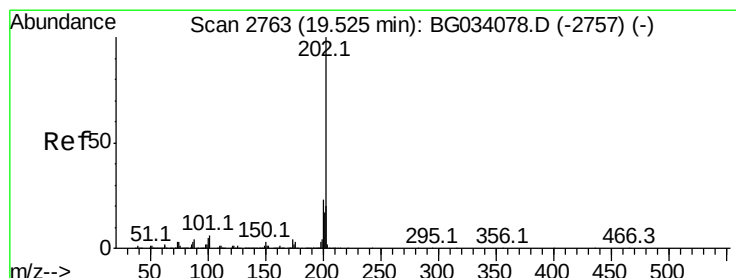
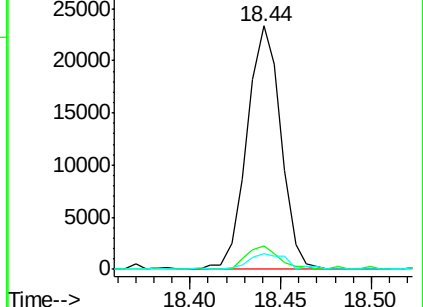
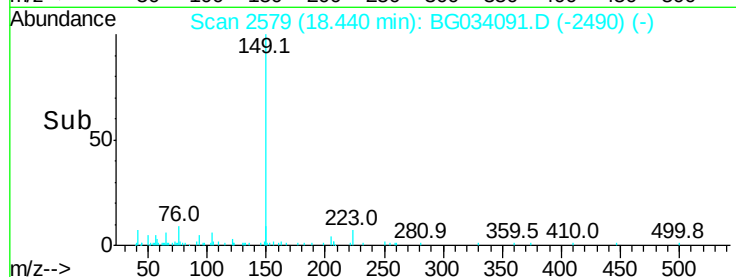
104 6.3 3.9 5.9#



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: 1.125 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

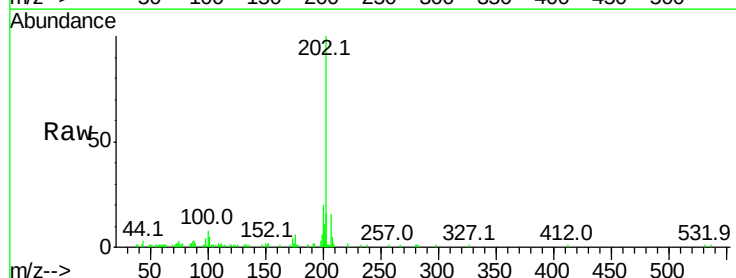
Tgt Ion:202 Resp: 36214

Ion Ratio Lower Upper

202 100

101 4.9 0.0 28.9

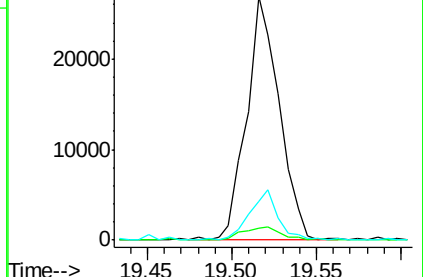
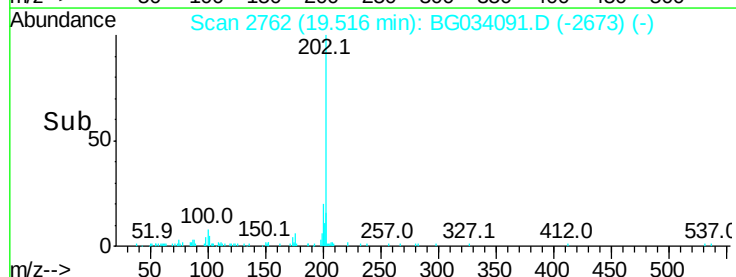
203 15.8 0.0 37.5

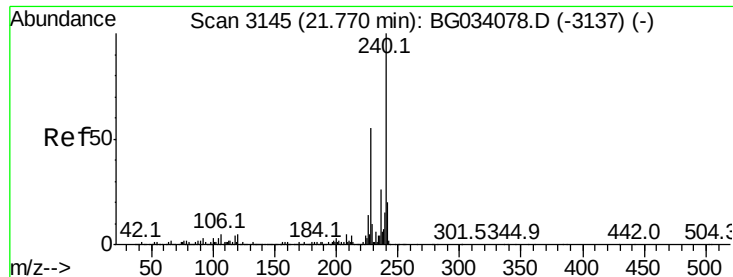


Abundance Ion 202.00 (201.70 to 202.70): E

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: BG034091.D

Acq: 1 May 2018 23:02

Instrument :

BNA_G

ClientSampleId :

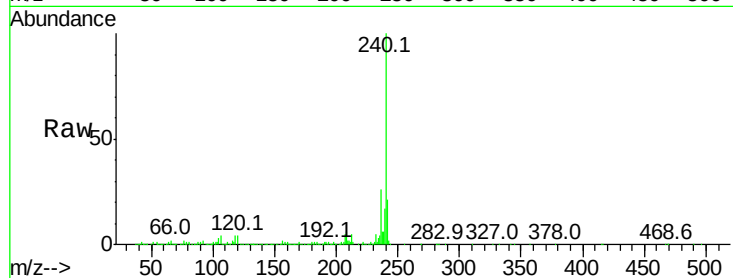
Tot Ion:240 Resp: 609366

Ion Ratio Lower Upper

240 100

120 4.1 6.8 10.2#

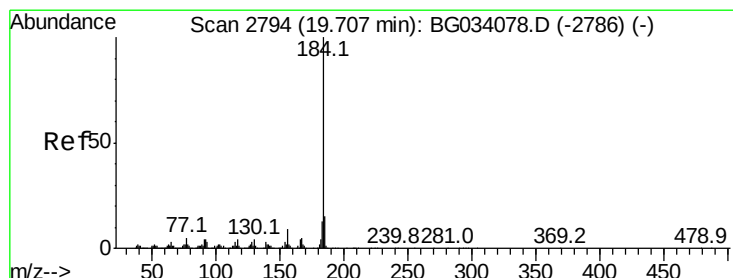
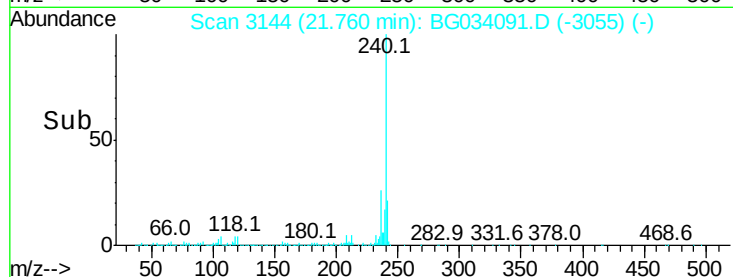
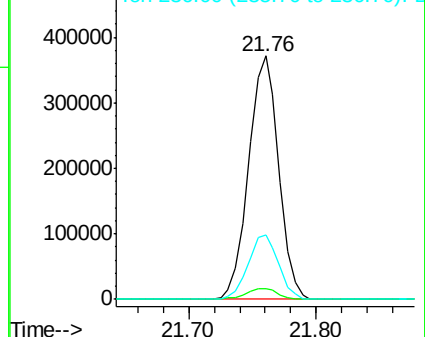
236 26.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.628 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

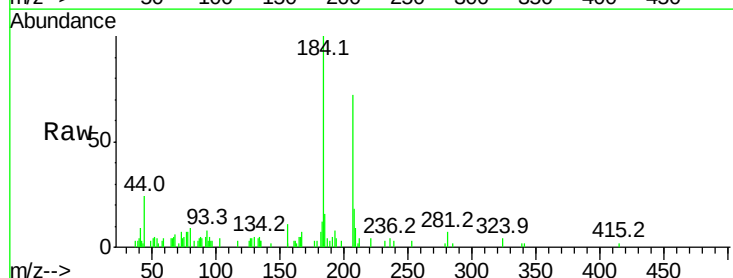
Tgt Ion:184 Resp: 9859

Ion Ratio Lower Upper

184 100

185 16.5 11.1 16.7

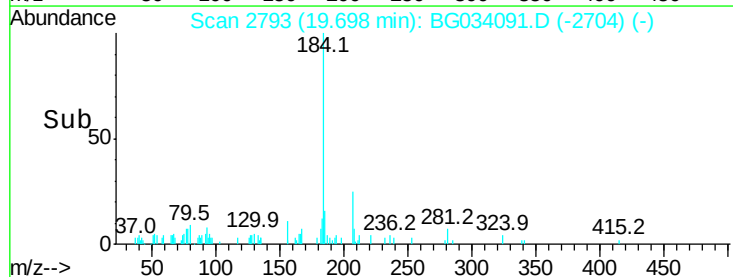
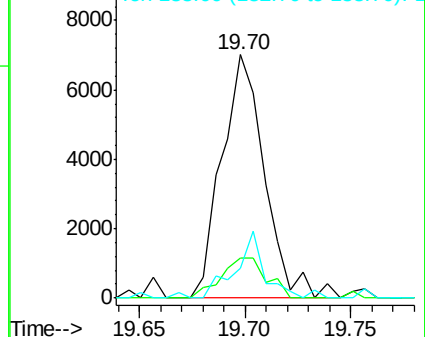
183 12.0 10.6 16.0

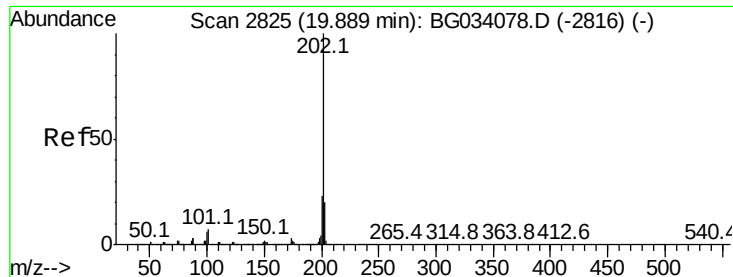


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

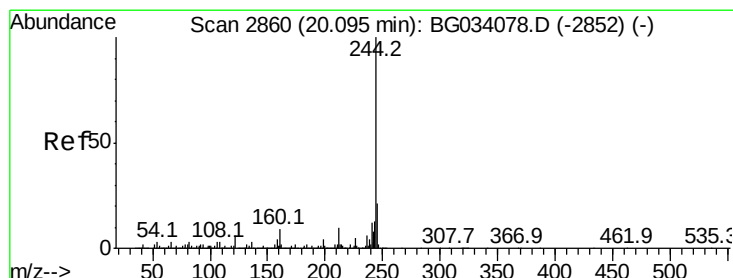
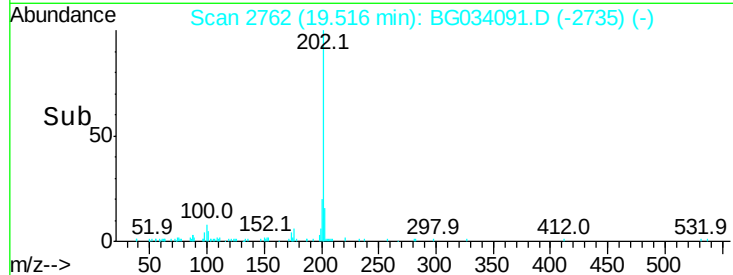
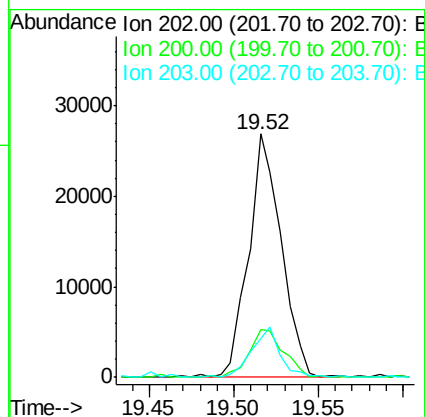
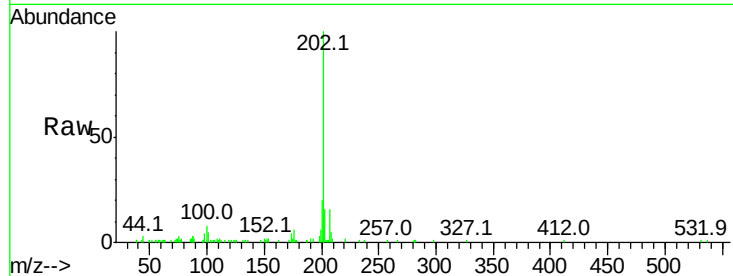




#77
Pvrene
Concen: 0.949 ng
RT: 19.52 min Scan# 2762
Delta R.T. -0.37 min
Lab File: BG034091.D
Acq: 1 May 2018 23:02

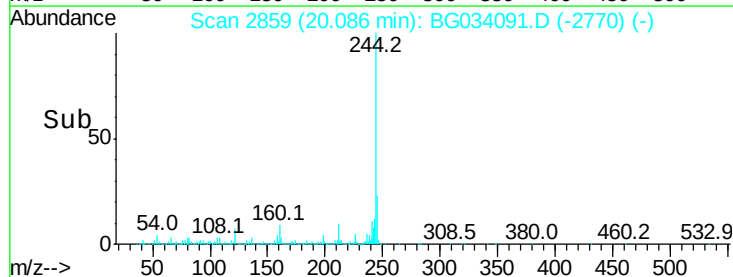
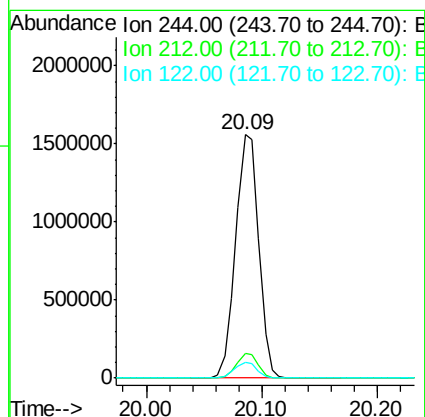
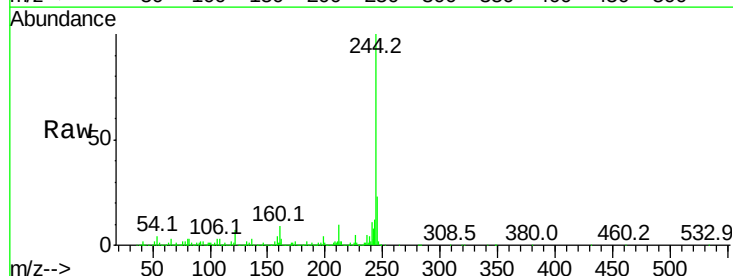
Instrument :
BNA_G
ClientSampleId :

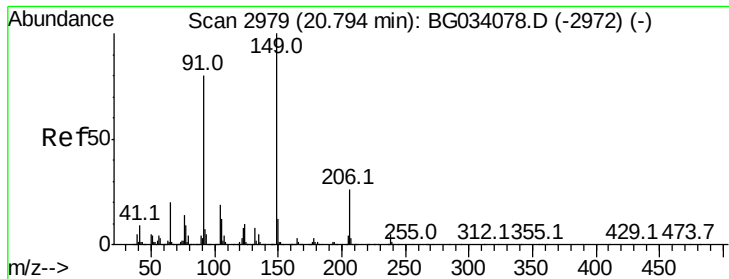
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.9	25.3
203	15.8	13.9	20.9



#78
Terphenyl-d14
Concen: 77.415 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG034091.D
Acq: 1 May 2018 23:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.0	5.8	8.8#
122	6.6	7.0	10.4#





#79

Butylbenzylphthalate

Concen: 0.817 ng

RT: 20.78 min Scan# 2977

Delta R.T. -0.02 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

Instrument :

BNA_G

ClientSampled :

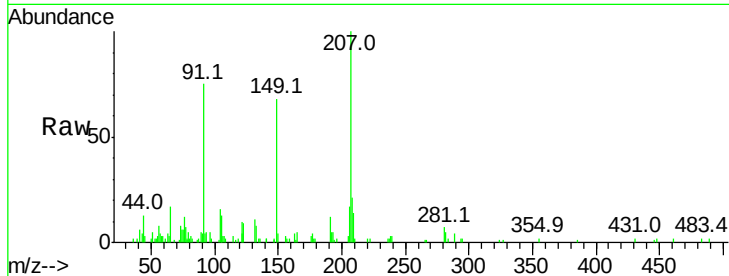
Tot Ion:149 Resp: 12173

Ion Ratio Lower Upper

149 100

91 109.1 62.2 93.2#

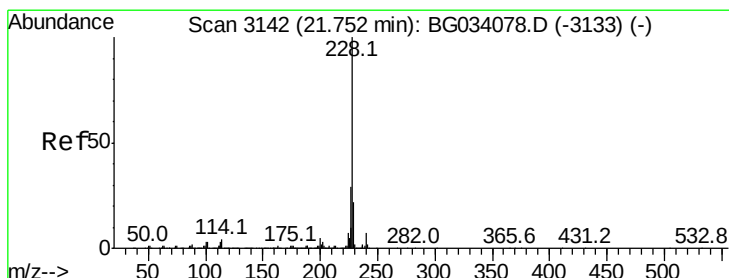
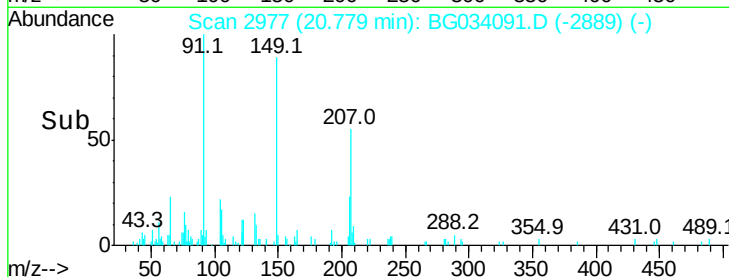
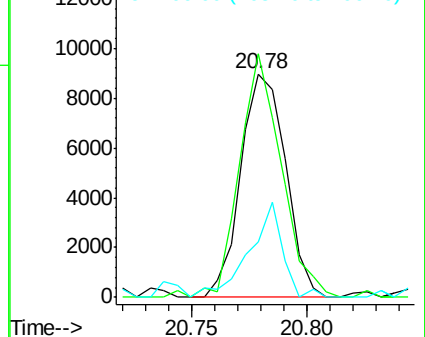
206 24.8 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 1.076 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

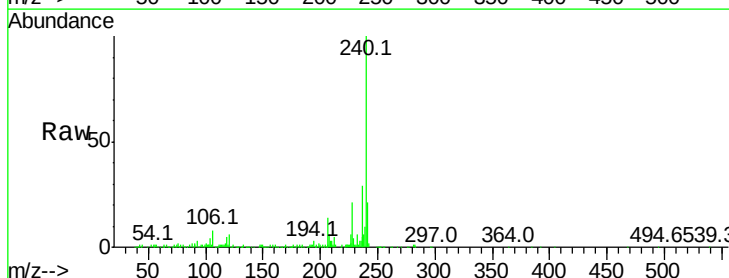
Tgt Ion:228 Resp: 42018

Ion Ratio Lower Upper

228 100

226 28.2 22.7 34.1

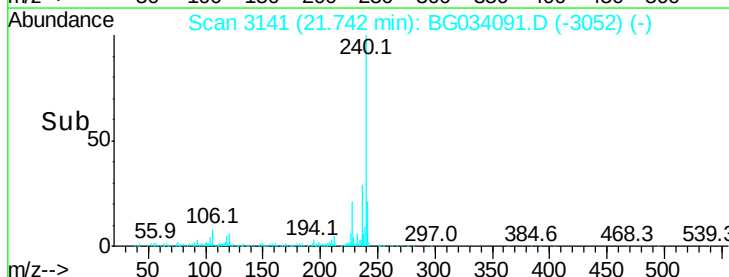
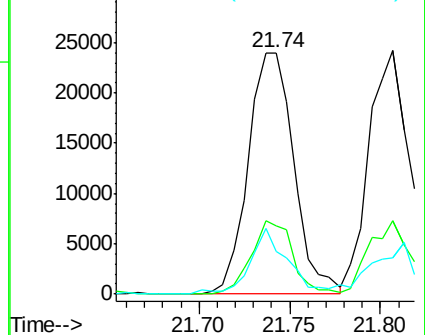
229 17.6 16.2 24.2

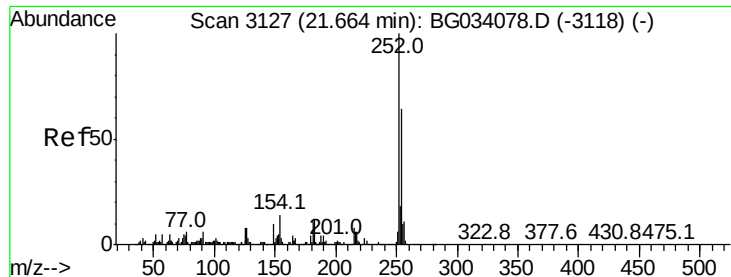


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

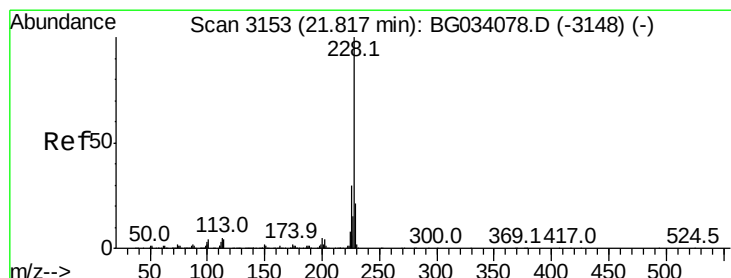
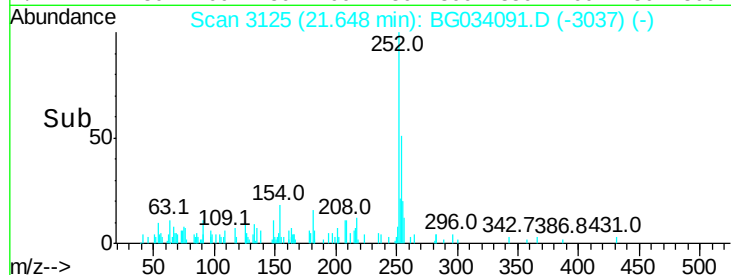
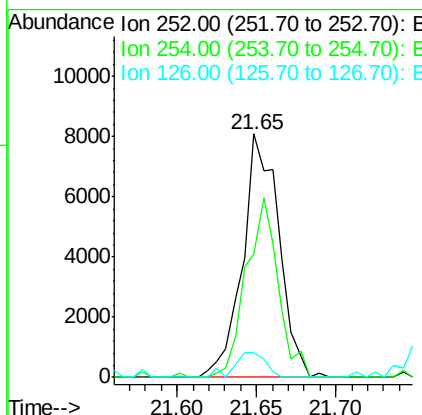
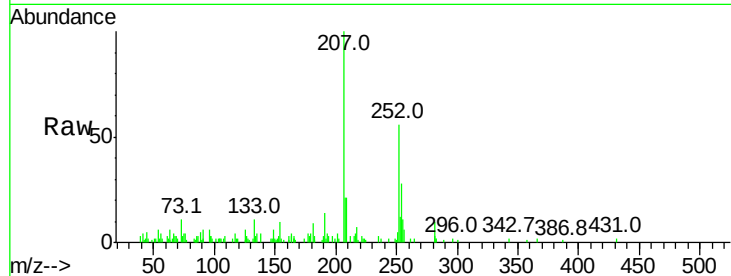




#81
 3,3'-Dichlorobenzidine
 Concen: 0.868 ng
 RT: 21.65 min Scan# 3125
 Delta R.T. -0.02 min
 Lab File: BG034091.D
 Acq: 1 May 2018 23:02

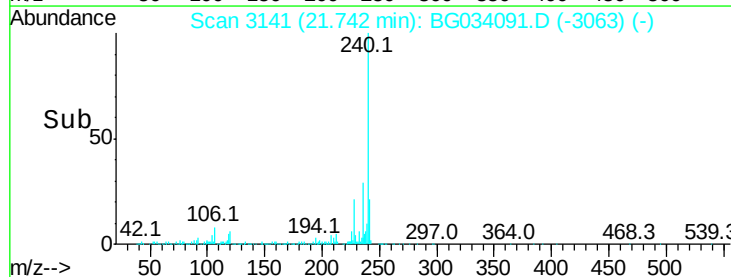
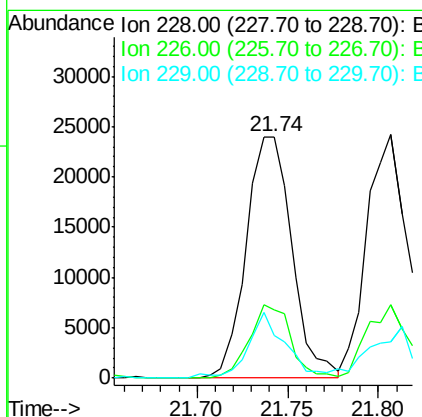
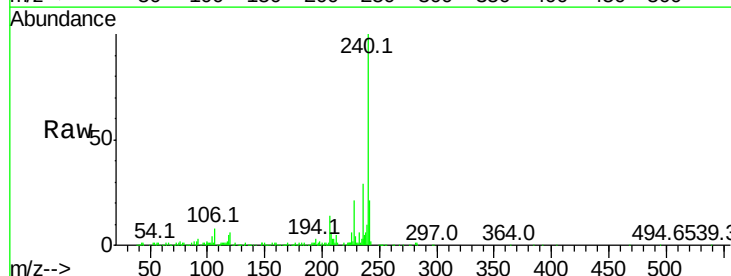
Instrument :
 BNA_G
 ClientSampled :

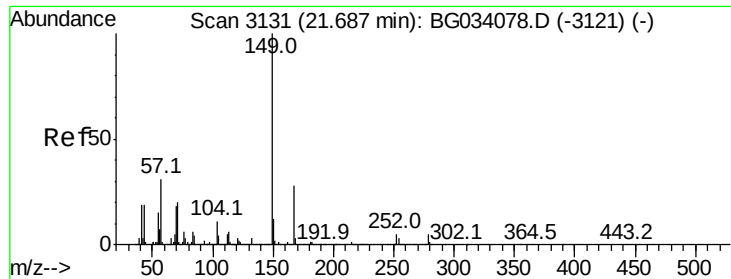
Tot Ion	252	Resp	12818
Ion Ratio	Lower	Upper	
252	100		
254	50.6	50.8	76.2#
126	10.2	7.4	11.2



#82
 Chrysene
 Concen: 1.124 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. -0.07 min
 Lab File: BG034091.D
 Acq: 1 May 2018 23:02

Tgt Ion	228	Resp	42018
Ion Ratio	Lower	Upper	
228	100		
226	28.2	24.9	37.3
229	17.6	15.0	22.4

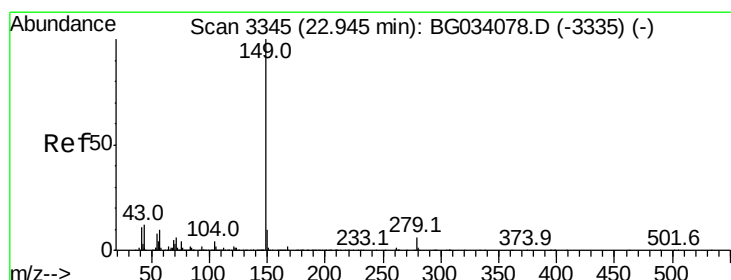
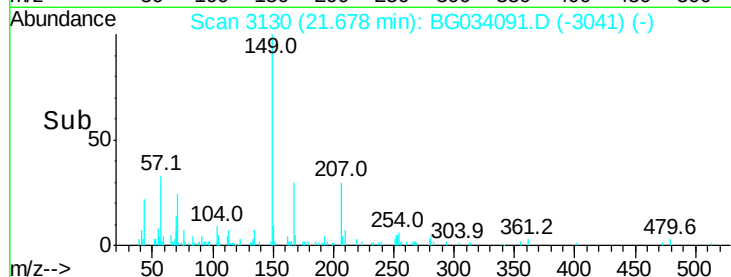
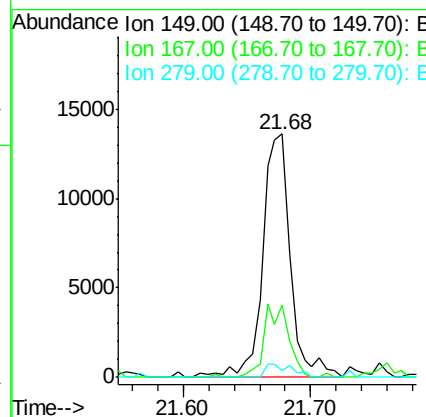
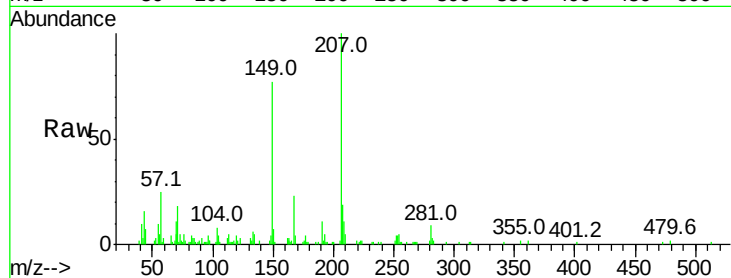




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.017 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG034091.D
 Acq: 1 May 2018 23:02

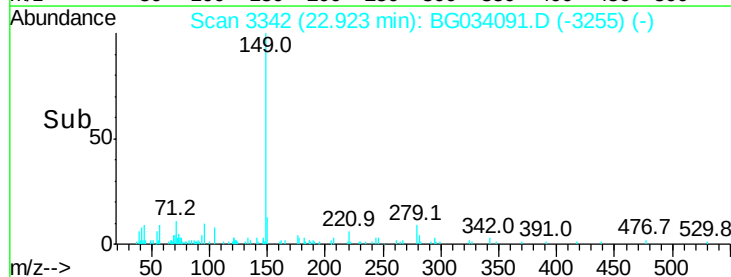
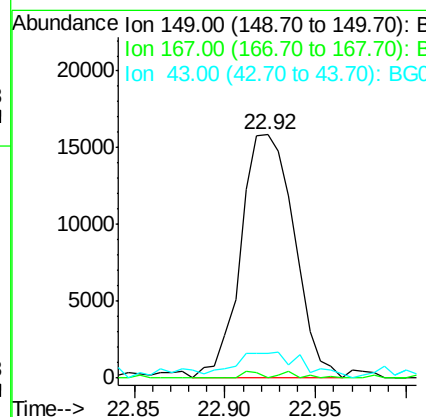
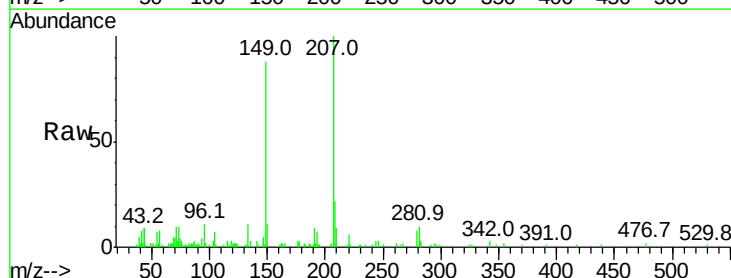
Instrument :
 BNA_G
 ClientSampleId :

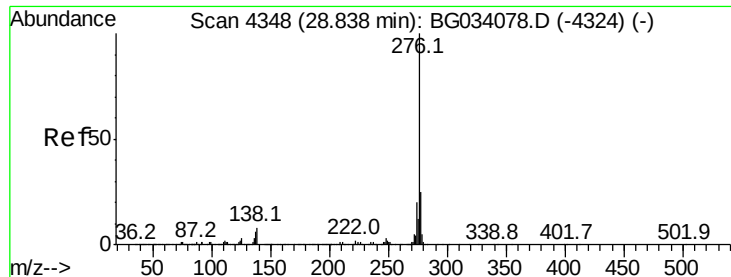
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.7	24.3	36.5
279	2.7	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 0.989 ng
 RT: 22.92 min Scan# 3342
 Delta R.T. -0.02 min
 Lab File: BG034091.D
 Acq: 1 May 2018 23:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.1	1.4	2.0
43	13.7	8.9	13.3

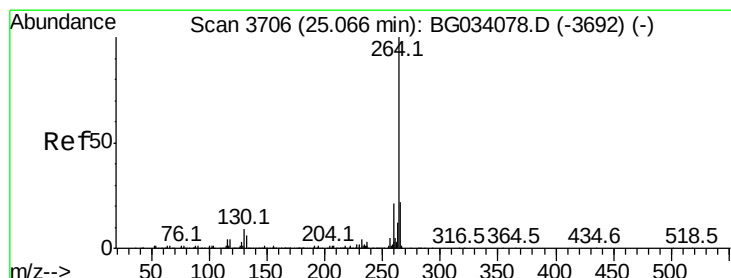
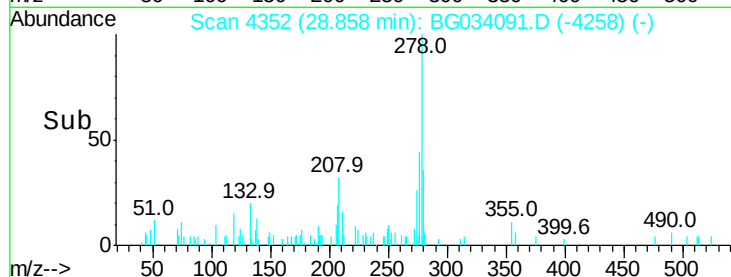
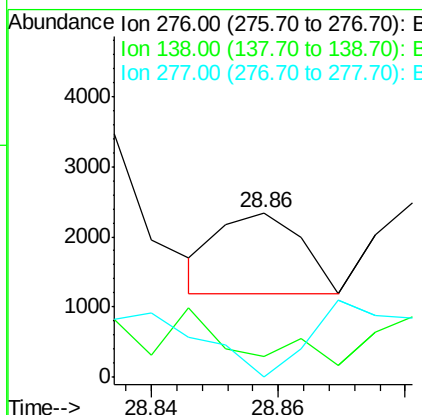
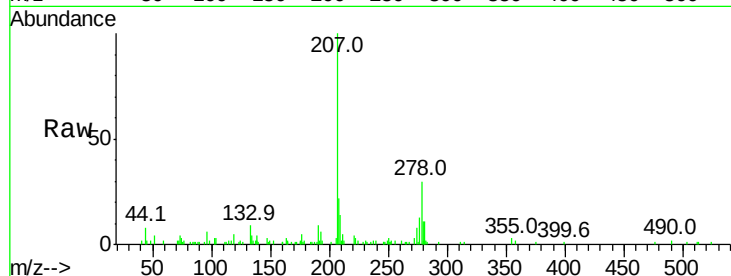




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.025 ng
 RT: 28.86 min Scan# 4352
 Delta R.T. 0.02 min
 Lab File: BG034091.D
 Acq: 1 May 2018 23:02

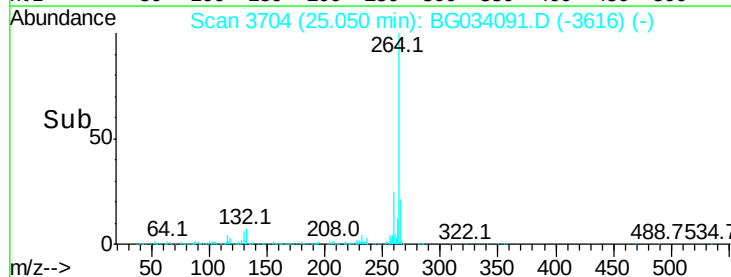
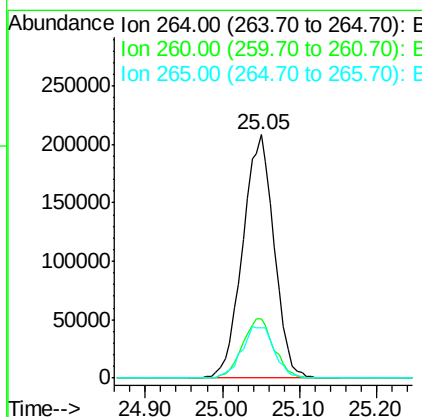
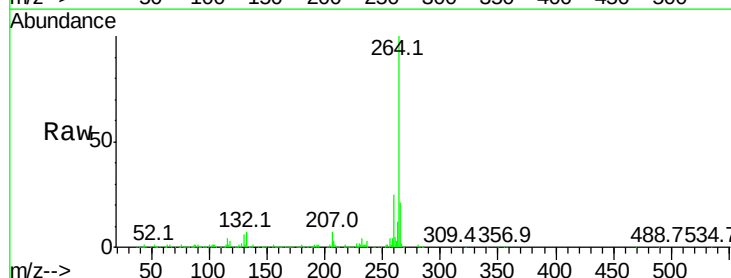
Instrument :
 BNA_G
 ClientSampleId :

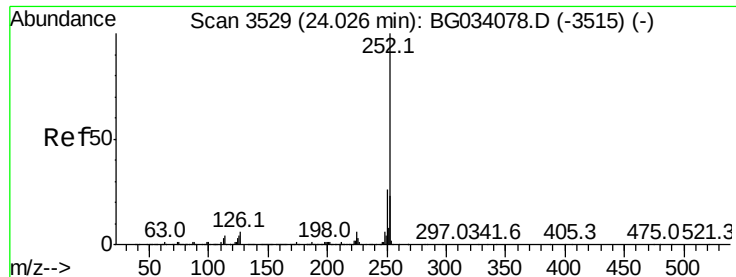
Tot Ion:276 Resp: 1031
 Ion Ratio Lower Upper
 276 100
 138 0.0 16.0 24.0#
 277 0.0 20.0 30.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.05 min Scan# 3704
 Delta R.T. -0.02 min
 Lab File: BG034091.D
 Acq: 1 May 2018 23:02

Tgt Ion:264 Resp: 592902
 Ion Ratio Lower Upper
 264 100
 260 24.5 17.4 26.0
 265 20.8 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 0.942 ng

RT: 24.00 min Scan# 3525

Delta R.T. -0.03 min

Lab File: BG034091.D

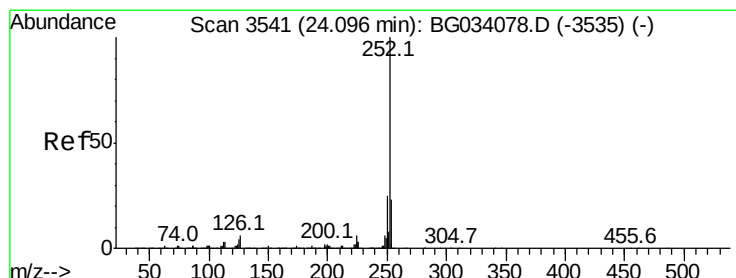
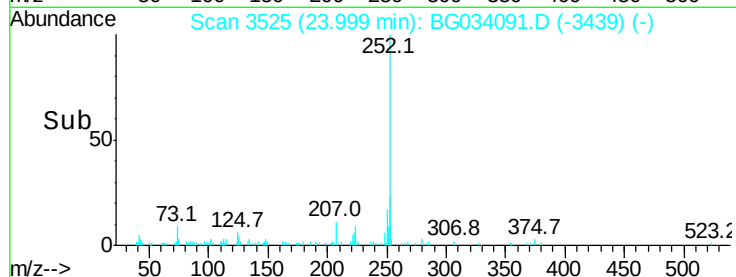
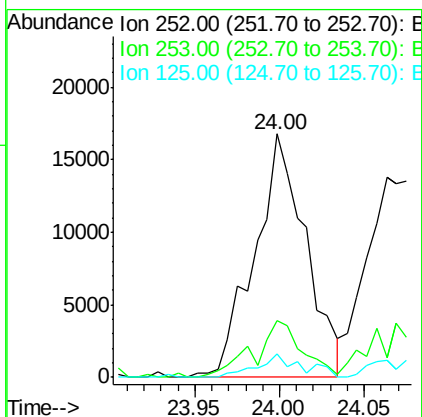
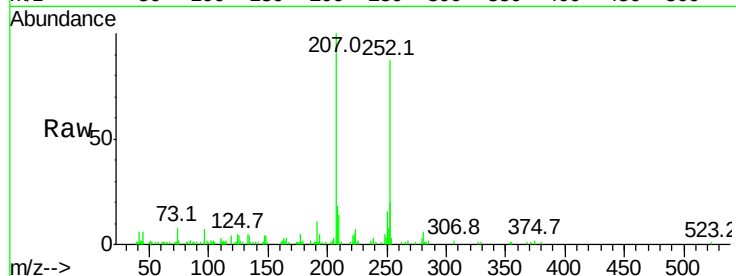
Acq: 1 May 2018 23:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252	Resp:	35287
Ion Ratio	Lower	Upper
252	100	
253	23.5	18.2 27.4
125	9.9	7.2 10.8



#88

Benzo(k)fluoranthene

Concen: 0.954 ng

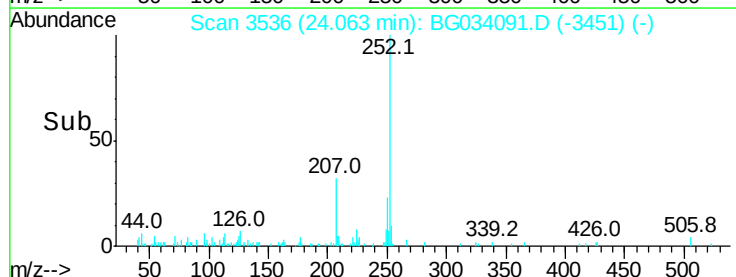
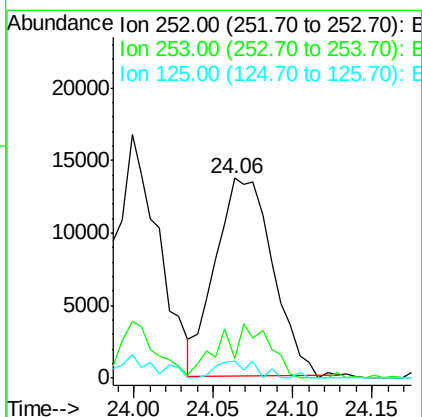
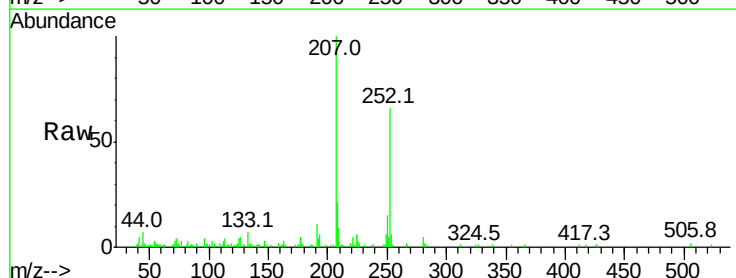
RT: 24.06 min Scan# 3536

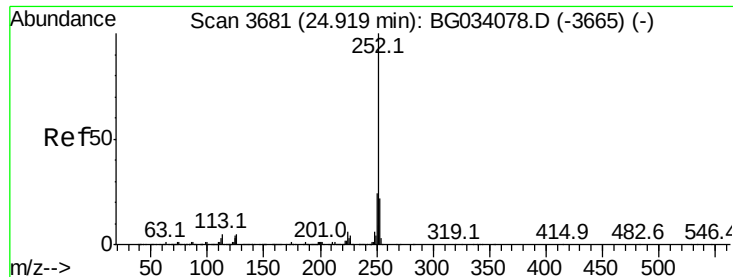
Delta R.T. -0.03 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

Tgt Ion:252	Resp:	34159
Ion Ratio	Lower	Upper
252	100	
253	9.6	17.4 26.2#
125	8.4	6.6 9.8





#89

Benzo(a)pyrene

Concen: 0.938 ng

RT: 24.89 min Scan# 3677

Delta R.T. -0.03 min

Lab File: BG034091.D

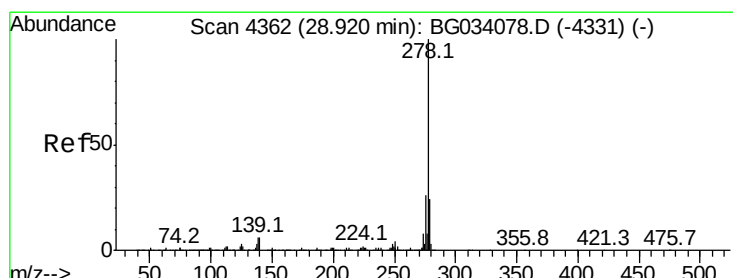
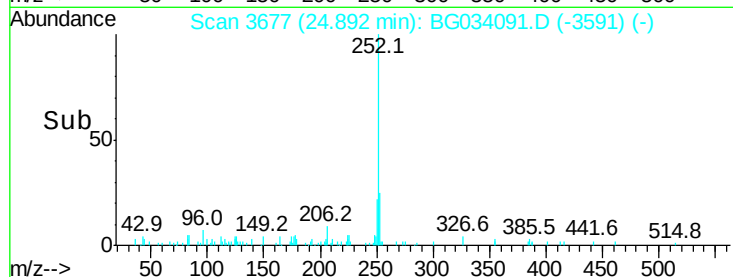
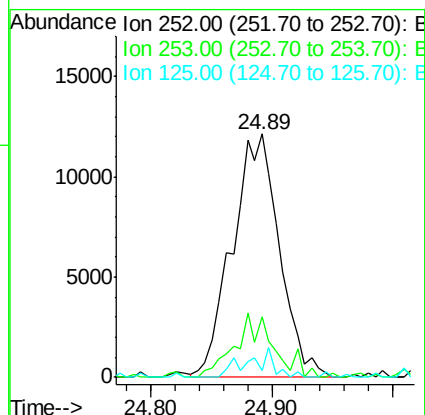
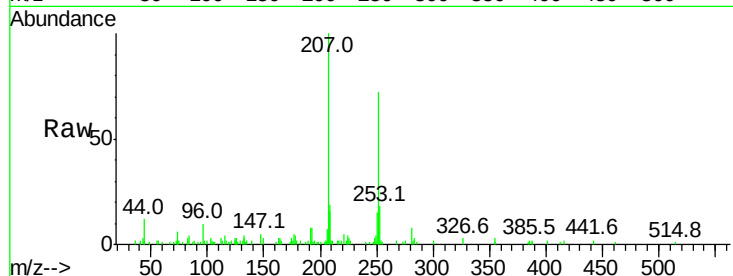
Acq: 1 May 2018 23:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	32869
Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.3	27.5
125	6.3	7.3	10.9#



#90

Dibenzo(a,h)anthracene

Concen: 0.955 ng

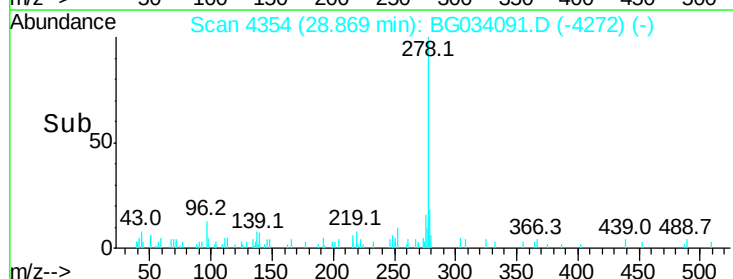
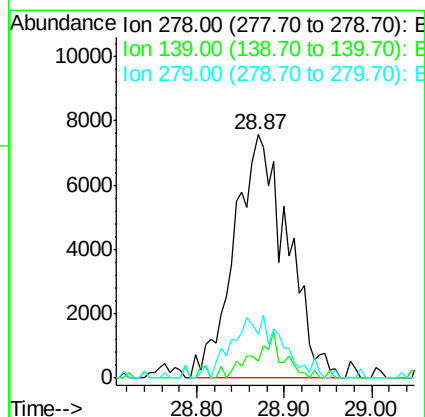
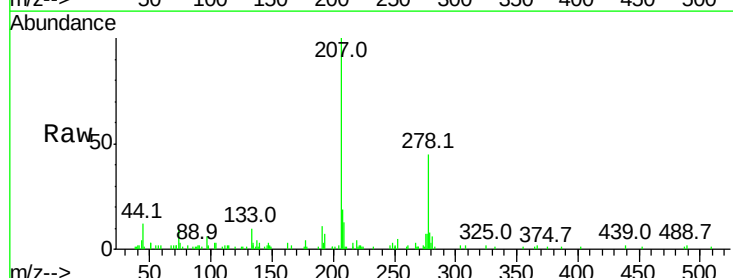
RT: 28.87 min Scan# 4354

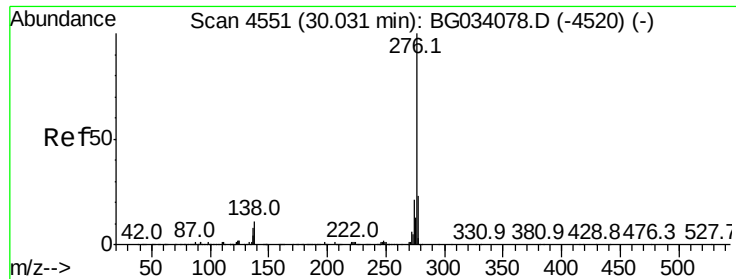
Delta R.T. -0.05 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

Tgt Ion:	278	Resp:	31535
Ion	Ratio	Lower	Upper
278	100		
139	7.1	9.8	14.6#
279	17.9	18.4	27.6#





#91

Benzo(a,h,i)perylene

Concen: 0.484 ng

RT: 29.93 min Scan# 4535

Delta R.T. -0.10 min

Lab File: BG034091.D

Acq: 1 May 2018 23:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 15751

Ion Ratio Lower Upper

276 100

277 20.3 18.3 27.5

138 11.4 13.9 20.9#

