

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034090.D
 Acq On : 1 May 2018 22:24
 Operator : SJ/JU
 Sample : J2133-02
 Misc : 20PPM L00
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 02 03:34:48 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	58743	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	242289	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	194039	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	521162	20.00	ng	0.00
75) Chrysene-d12	21.76	240	559835	20.00	ng	0.00
86) Perylene-d12	25.05	264	575061	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	450716	123.96	ng	0.00
7) Phenol-d6	7.22	99	706882	124.88	ng	0.00
23) Nitrobenzene-d5	9.24	82	540097	85.53	ng	0.00
41) 2,4,6-Tribromophenol	16.20	330	347473	129.32	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1133912	85.15	ng	0.00
78) Terphenyl-d14	20.09	244	2129682	83.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	30842	20.200	ng	# 83
3) Pyridine	3.95	79	95936	20.026	ng	# 86
4) n-Nitrosodimethylamine	3.86	42	52702	20.176	ng	# 71
6) Aniline	7.40	93	150474	19.545	ng	94
8) 2-Chlorophenol	7.64	128	71997	19.844	ng	96
9) Benzaldehyde	7.21	77	61074	15.820	ng	93
10) Phenol	7.25	94	114444	20.046	ng	85
11) bis(2-Chloroethyl)ether	7.49	93	92686	20.622	ng	92
12) 1,3-Dichlorobenzene	7.97	146	90887	19.801	ng	# 89
13) 1,4-Dichlorobenzene	7.97	146	90887	19.938	ng	97
14) 1,2-Dichlorobenzene	8.43	146	85451	19.735	ng	94
15) Benzyl Alcohol	8.31	79	121124	20.059	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	8.61	45	120407	19.471	ng	88
17) 2-Methylphenol	8.51	107	75596	20.123	ng	# 83
18) Hexachloroethane	9.17	117	33956	17.510	ng	94
19) n-Nitroso-di-n-propylamine	8.88	70	100583	19.787	ng	# 96
20) 3+4-Methylphenols	8.83	107	107406	19.305	ng	82
22) Acetophenone	8.90	105	163310	19.788	ng	99
24) Nitrobenzene	9.28	77	141421	20.459	ng	# 80
25) Isophorone	9.80	82	254331	19.743	ng	# 92
26) 2-Nitrophenol	9.99	139	38645	20.196	ng	# 91
27) 2,4-Dimethylphenol	10.05	122	77137	20.794	ng	91
28) bis(2-Chloroethoxy)methane	10.29	93	126100	19.928	ng	98
29) 2,4-Dichlorophenol	10.52	162	84710	19.104	ng	97
30) 1,2,4-Trichlorobenzene	10.75	180	107458	20.126	ng	96
31) Naphthalene	10.95	128	260680	20.469	ng	98
32) Benzoic acid	10.14	122	57774	20.487	ng	# 79
33) 4-Chloroaniline	11.05	127	114479	19.935	ng	# 85
34) Hexachlorobutadiene	11.23	225	91147	20.169	ng	93
35) Caprolactam	11.80	113	32490	20.628	ng	94
36) 4-Chloro-3-methylphenol	12.15	107	110053	19.141	ng	92
37) 2-Methylnaphthalene	12.55	142	207182	20.064	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	146012	19.446	ng	98
40) Hexachlorocyclopentadiene	12.90	237	85074	19.122	ng	85

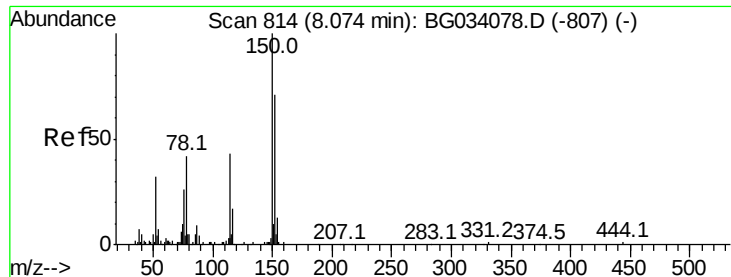
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034090.D
 Acq On : 1 May 2018 22:24
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	86314	19.785	nq	92
43) 2,4,5-Trichlorophenol	13.21	196	100482	20.835	nq	94
45) 1,1'-Biphenyl	13.55	154	305877	20.179	nq	96
46) 2-Chloronaphthalene	13.60	162	226126	19.704	nq	94
47) 2-Nitroaniline	13.79	65	92305	20.118	nq	# 78
48) Acenaphthylene	14.44	152	361991	19.757	nq	97
49) Dimethylphthalate	14.17	163	343041	20.388	nq	99
50) 2,6-Dinitrotoluene	14.28	165	65630	20.309	nq	# 81
51) Acenaphthene	14.78	154	253350	20.345	nq	97
52) 3-Nitroaniline	14.61	138	69831	21.439	nq	# 88
53) 2,4-Dinitrophenol	14.81	184	24560	19.427	nq	# 83
54) Dibenzofuran	15.12	168	361724	20.037	nq	# 90
55) 4-Nitrophenol	14.91	139	49442	19.887	nq	# 71
56) 2,4-Dinitrotoluene	15.07	165	92377	21.053	nq	91
57) Fluorene	15.77	166	314209	19.969	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.33	232	94484	18.938	nq	96
59) Diethylphthalate	15.54	149	349927	19.653	nq	95
60) 4-Chlorophenyl-phenylether	15.76	204	193427	20.663	nq	99
61) 4-Nitroaniline	15.77	138	69737	20.184	nq	# 48
62) Azobenzene	16.06	77	384311	19.981	nq	92
64) 4,6-Dinitro-2-methylphenol	15.83	198	43845	17.893	nq	92
65) n-Nitrosodiphenylamine	15.98	169	280915	19.768	nq	98
66) 4-Bromophenyl-phenylether	16.66	248	118476	18.310	nq	98
67) Hexachlorobenzene	16.77	284	130382	19.850	nq	94
68) Atrazine	16.92	200	85626	11.443	nq	92
69) Pentachlorophenol	17.11	266	84680	18.497	nq	96
70) Phenanthrene	17.51	178	532445	19.882	nq	99
71) Anthracene	17.60	178	535718	19.738	nq	96
72) Carbazole	17.87	167	489041	19.683	nq	98
73) Di-n-butylphthalate	18.44	149	585731	19.586	nq	# 96
74) Fluoranthene	19.52	202	677978	20.035	nq	97
76) Benzidine	19.70	184	248853	17.256	nq	96
77) Pyrene	19.88	202	698018	19.901	nq	98
79) Butylbenzylphthalate	20.79	149	273367	19.965	nq	91
80) Benzo(a)anthracene	21.75	228	713713	19.893	nq	99
81) 3,3'-Dichlorobenzidine	21.66	252	271150	19.985	nq	# 97
82) Chrysene	21.81	228	686652	19.995	nq	96
83) Bis(2-ethylhexyl)phthalate	21.67	149	377553	20.035	nq	98
84) Di-n-octyl phthalate	22.93	149	609143	20.238	nq	99
85) Indeno(1,2,3-cd)pyrene	28.81	276	752694	19.917	nq	# 73
87) Benzo(b)fluoranthene	24.01	252	716931	19.736	nq	# 95
88) Benzo(k)fluoranthene	24.08	252	670869	19.323	nq	# 96
89) Benzo(a)pyrene	24.90	252	667504	19.641	nq	# 95
90) Dibenzo(a,h)anthracene	28.88	278	636164	19.858	nq	# 95
91) Benzo(g,h,i)perylene	29.98	276	609575	19.305	nq	# 90

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

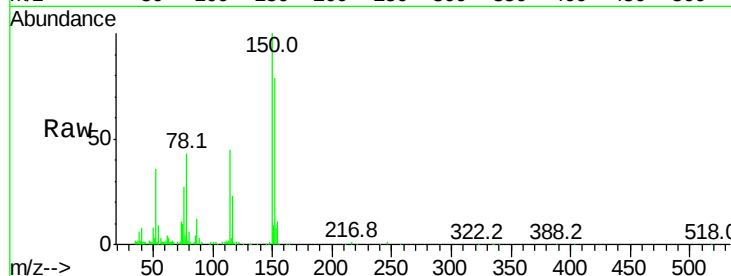


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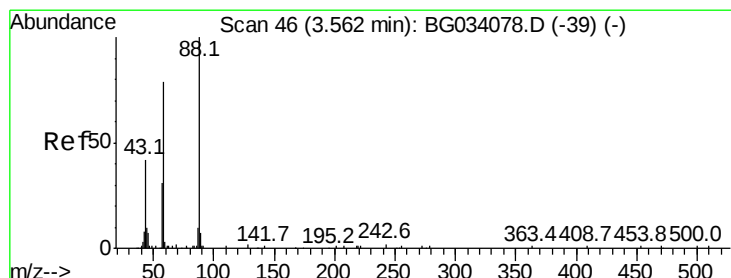
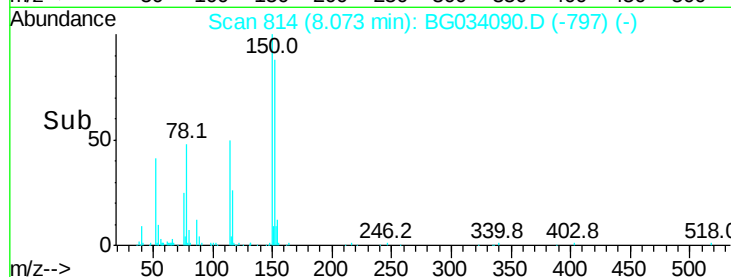
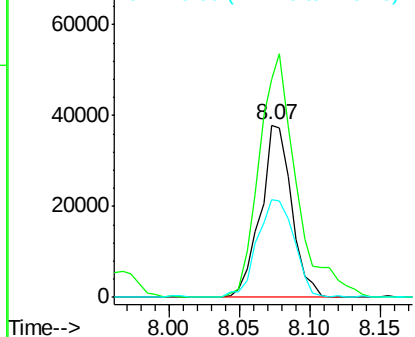
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG034090.D
Acq: 1 May 2018 22:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58743
Ion Ratio Lower Upper
152 100
150 126.9 126.6 189.8
115 56.5 53.0 79.4



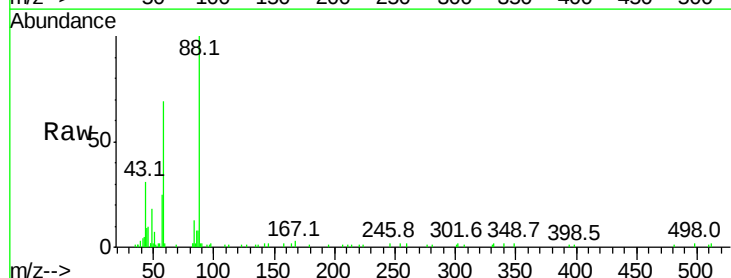
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



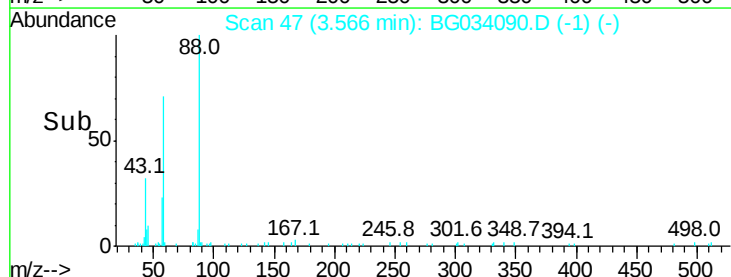
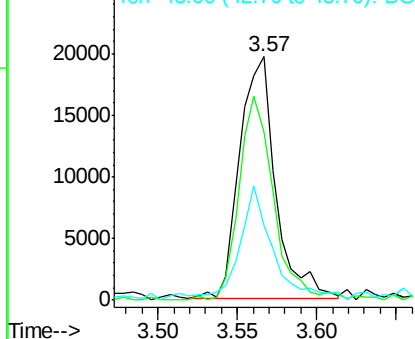
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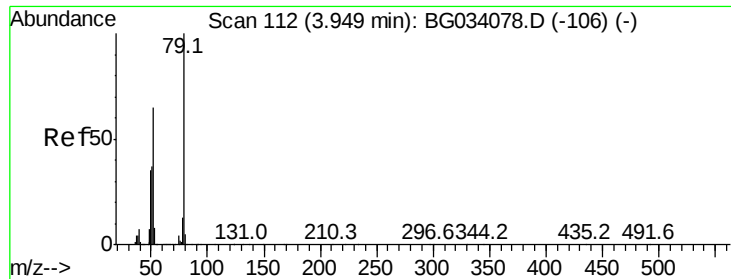
1,4-Dioxane
Concen: 20.200 ng
RT: 3.57 min Scan# 47
Delta R.T. 0.00 min
Lab File: BG034090.D
Acq: 1 May 2018 22:24

Tgt Ion: 88 Resp: 30842
Ion Ratio Lower Upper
88 100
58 82.2 79.6 119.4
43 43.6 27.4 41.0#



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





#3

Pvridine

Concen: 20.026 ng

RT: 3.95 min Scan# 112

Delta R.T. -0.00 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

Instrument :

BNA_G

ClientSampleId :

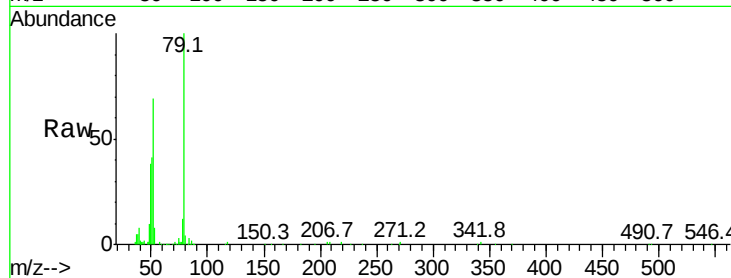
Tot Ion: 79 Resp: 95936

Ion Ratio Lower Upper

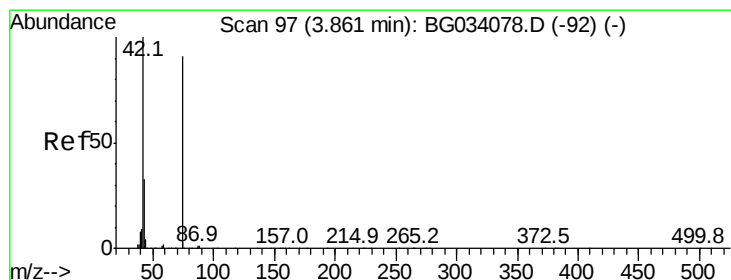
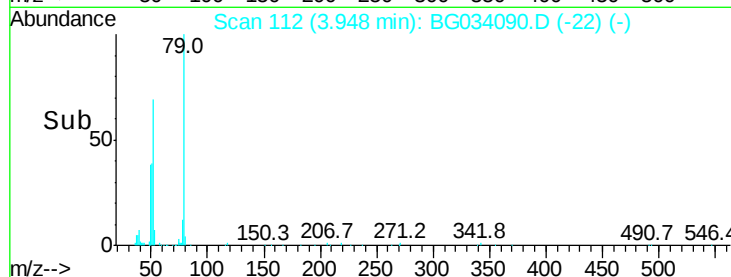
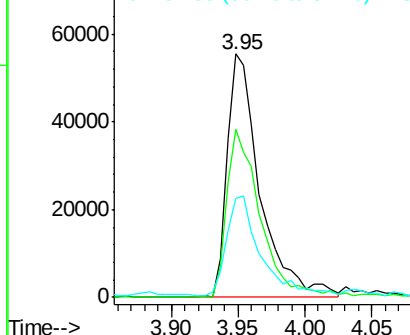
79 100

52 68.9 69.9 104.9#

51 40.6 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: 20.176 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.00 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

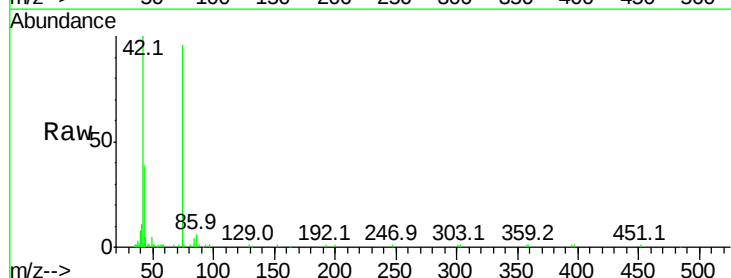
Tgt Ion: 42 Resp: 52702

Ion Ratio Lower Upper

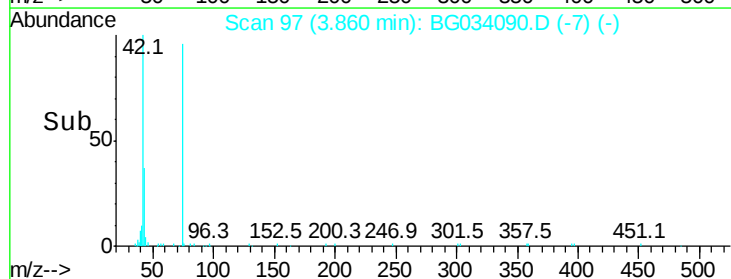
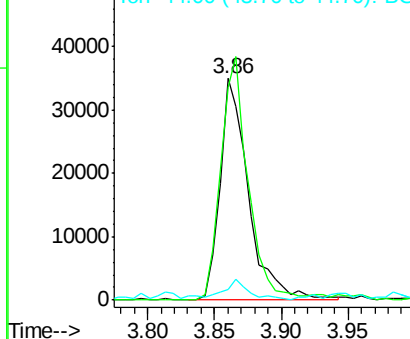
42 100

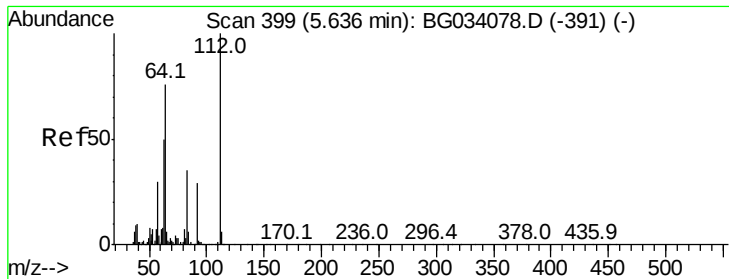
74 96.2 102.5 153.7#

44 4.8 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: 123.962 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

Instrument :

BNA_G

ClientSampleId :

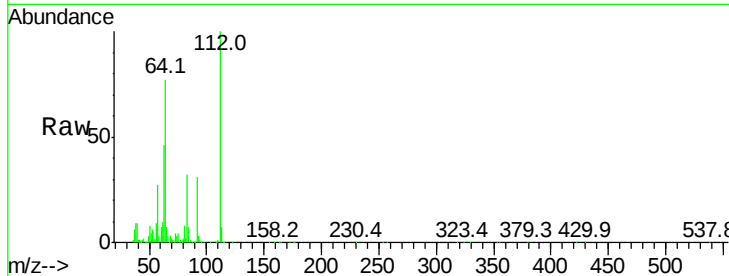
Tot Ion:112 Resp: 450716

Ion Ratio Lower Upper

112 100

64 76.9 56.3 84.5

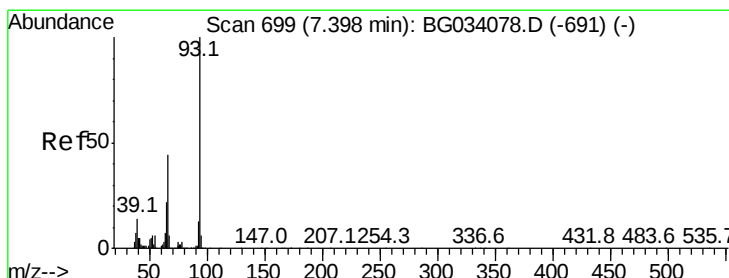
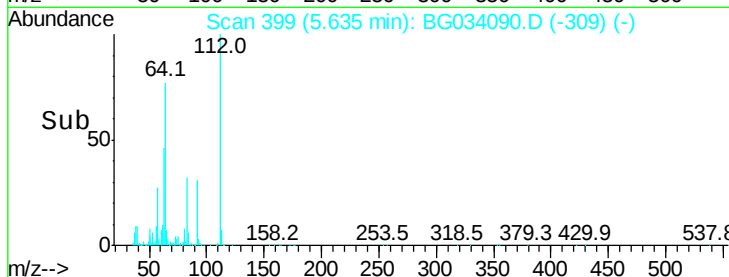
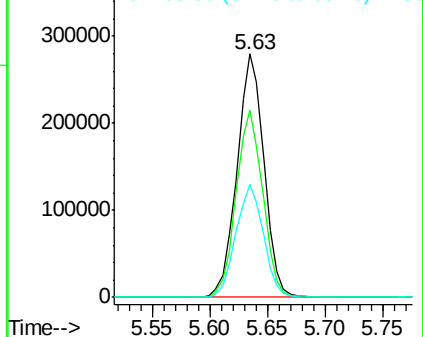
63 46.4 30.1 45.1#



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



#6

Aniline

Concen: 19.545 ng

RT: 7.40 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

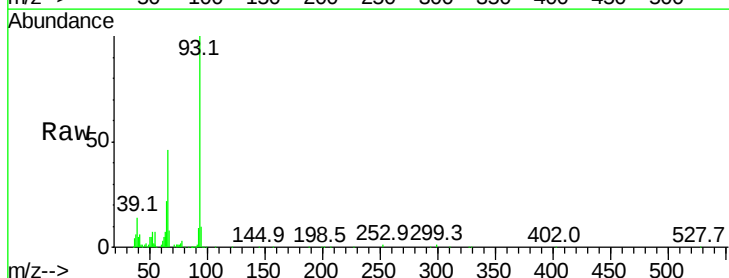
Tgt Ion: 93 Resp: 150474

Ion Ratio Lower Upper

93 100

66 46.4 33.7 50.5

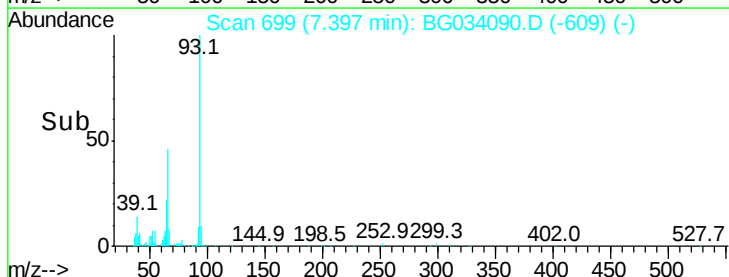
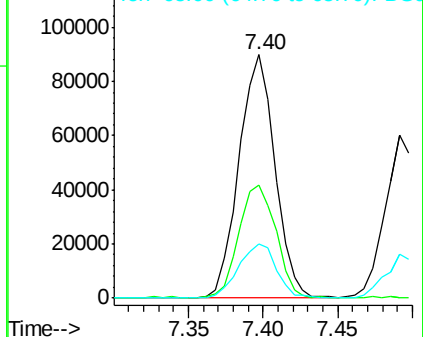
65 22.2 16.1 24.1

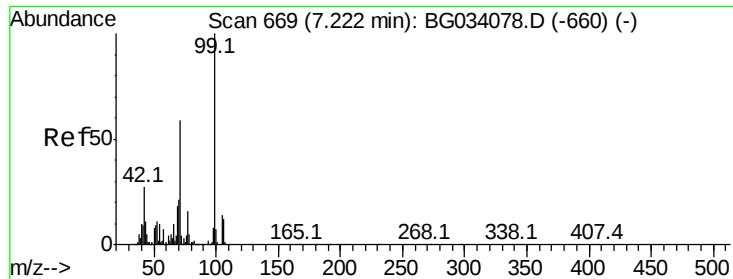


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 124.881 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

Instrument :

BNA_G

ClientSampleId :

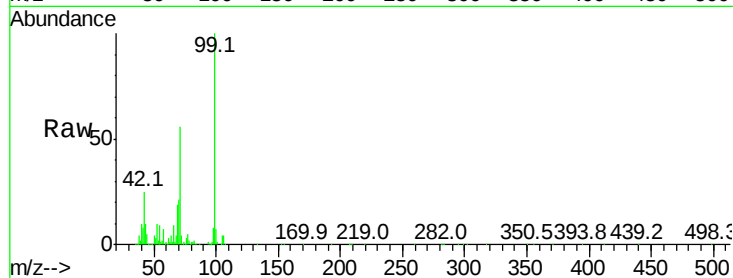
Tot Ion: 99 Resp: 706882

Ion Ratio Lower Upper

99 100

42 24.8 14.1 21.1#

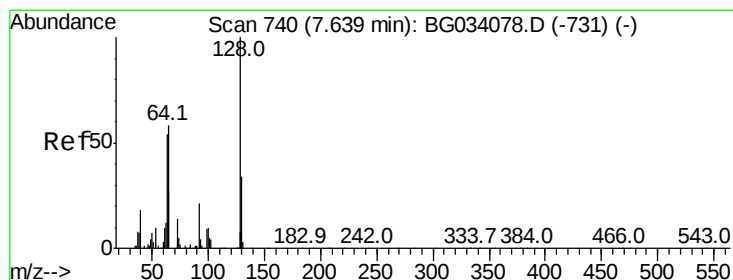
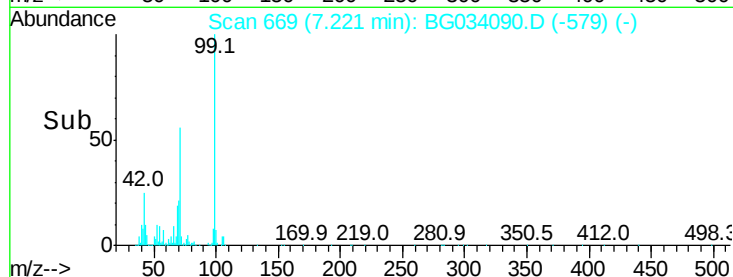
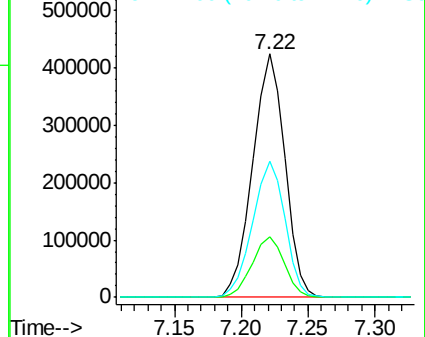
71 55.6 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 19.844 ng

RT: 7.64 min Scan# 740

Delta R.T. -0.00 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

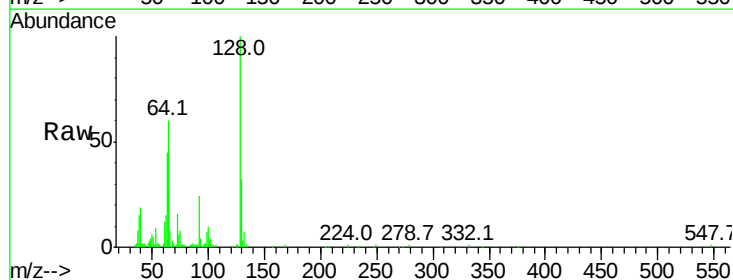
Tgt Ion:128 Resp: 71997

Ion Ratio Lower Upper

128 100

130 31.9 14.0 54.0

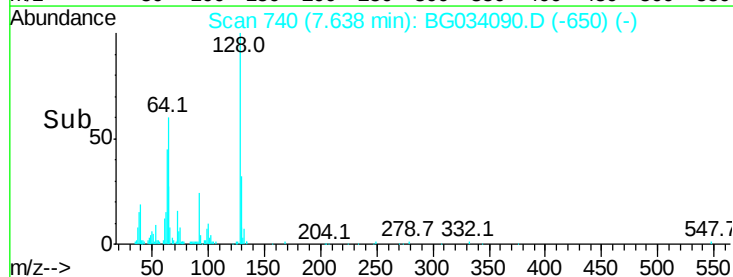
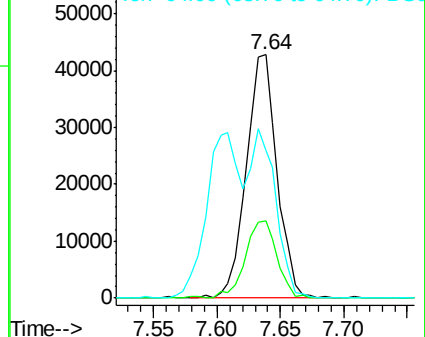
64 60.4 37.7 77.7

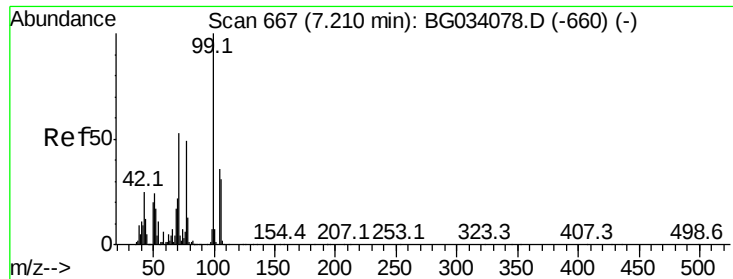


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 15.820 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

Instrument :

BNA_G

ClientSampleId :

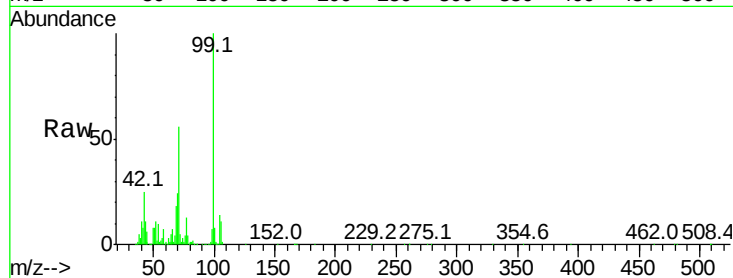
Tot Ion: 77 Resp: 61074

Ion Ratio Lower Upper

77 100

105 102.9 71.3 111.3

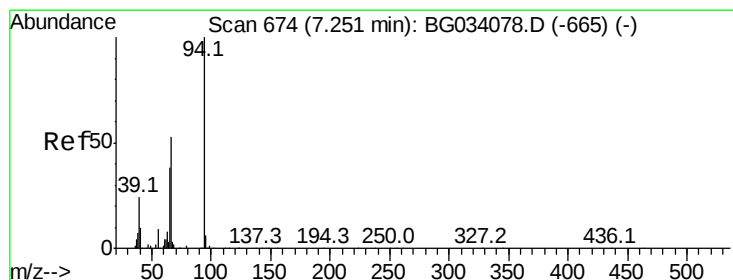
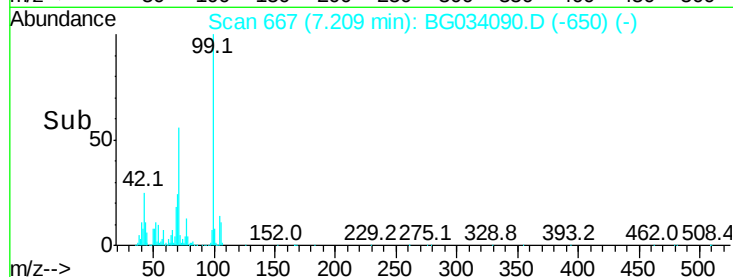
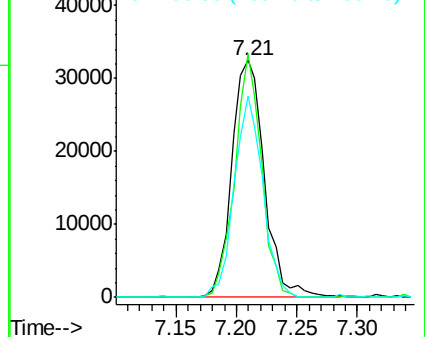
106 85.2 64.2 104.2



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: 20.046 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

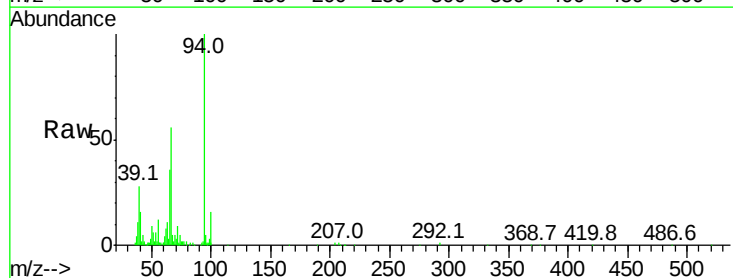
Tgt Ion: 94 Resp: 114444

Ion Ratio Lower Upper

94 100

65 35.6 11.9 51.9

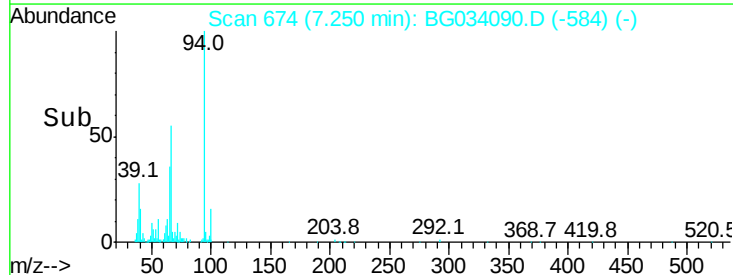
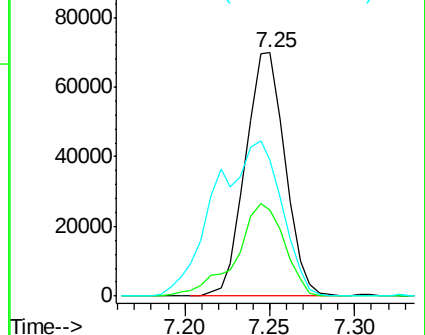
66 55.7 22.2 62.2

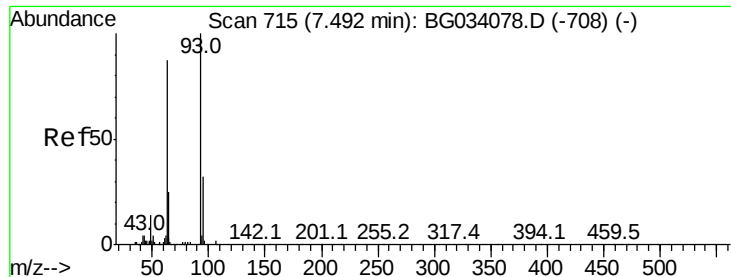


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

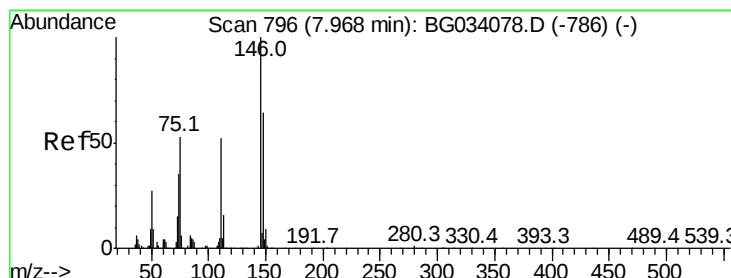
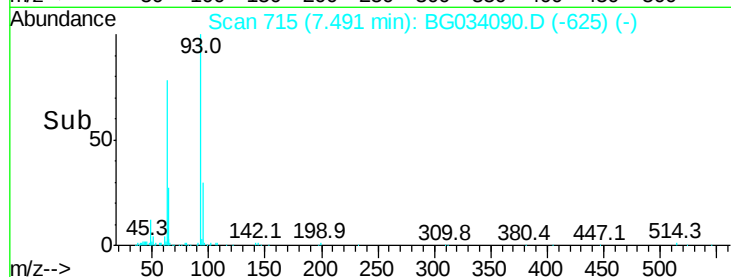
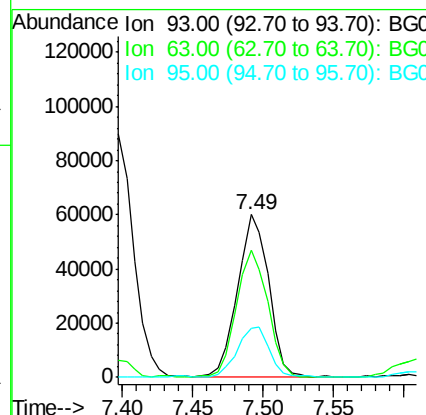
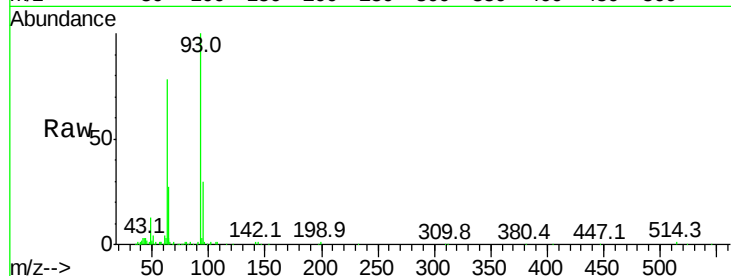




#11
bis(2-Chloroethyl)ether
Concen: 20.622 ng
RT: 7.49 min Scan# 715
Delta R.T. -0.00 min
Lab File: BG034090.D
Acq: 1 May 2018 22:24

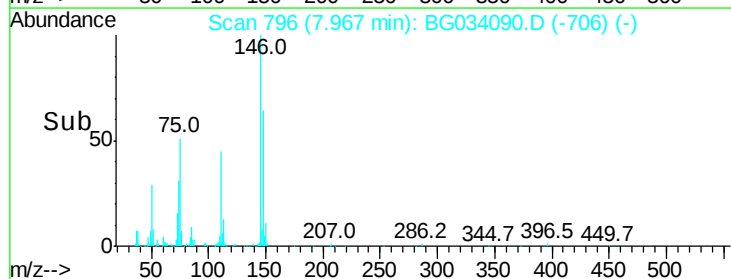
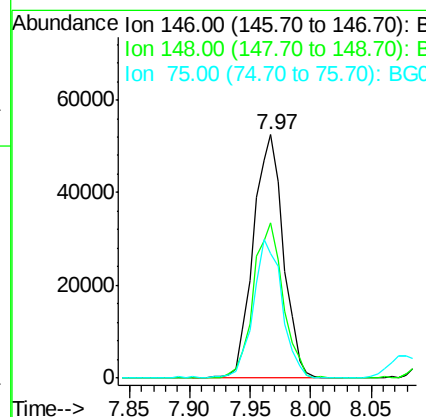
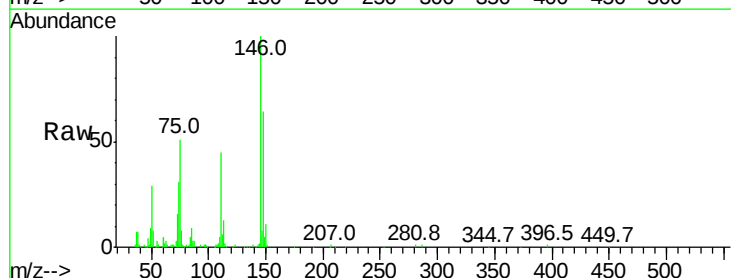
Instrument :
BNA_G
ClientSampleId :

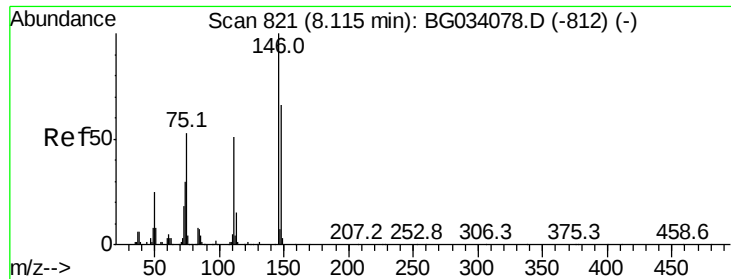
Tot Ion	Ratio	Lower	Upper
93	100		
63	78.1	67.1	107.1
95	30.1	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 19.801 ng
RT: 7.97 min Scan# 796
Delta R.T. -0.00 min
Lab File: BG034090.D
Acq: 1 May 2018 22:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.2
75	51.0	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 19.938 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.15 min

Lab File: BG034090.D

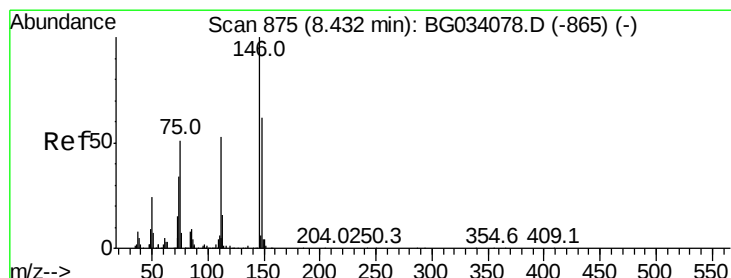
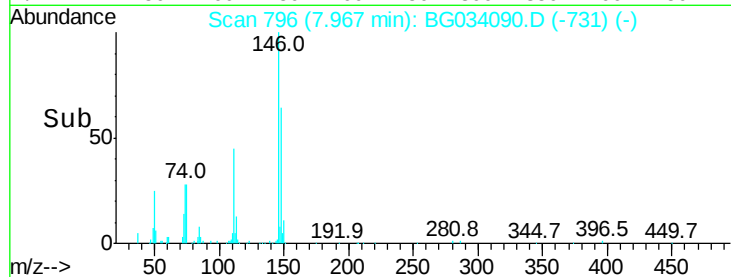
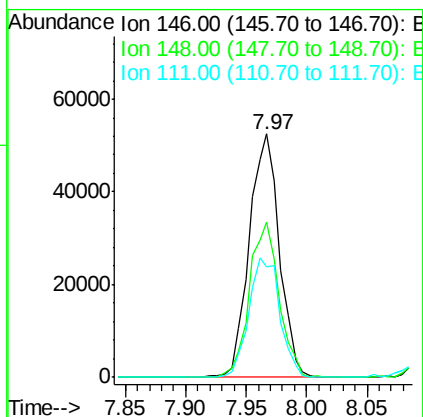
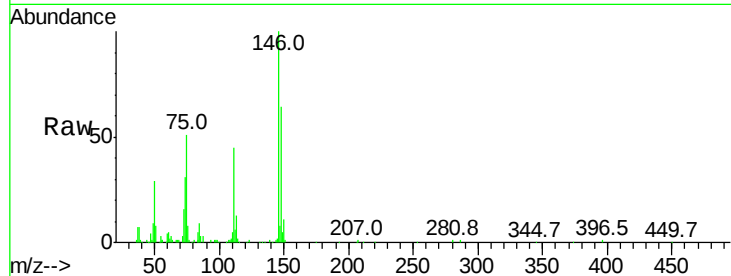
Acq: 1 May 2018 22:24

Instrument :

BNA_G

ClientSampled :

Tot Ion:146	Resp:	90887
Ion Ratio	Lower	Upper
146	100	
148	64.0	53.7 80.5
111	45.3	35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 19.735 ng

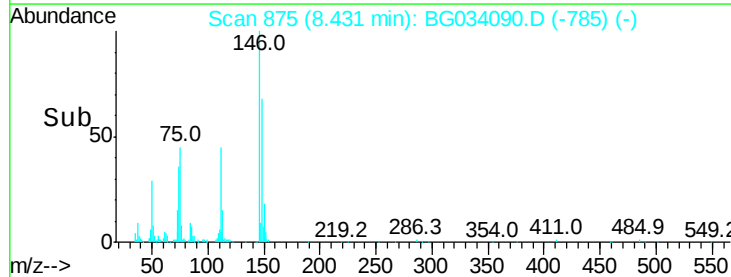
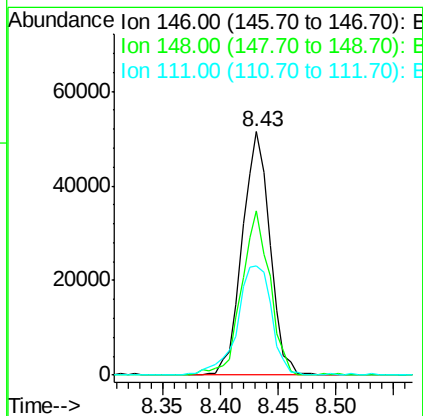
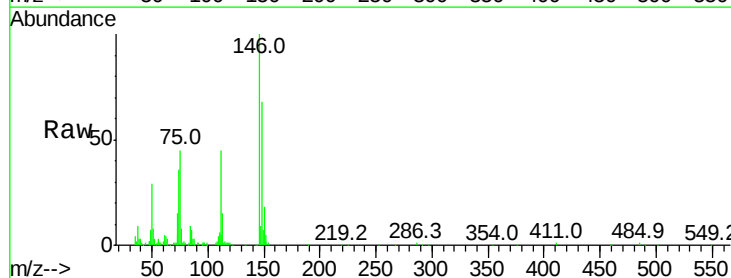
RT: 8.43 min Scan# 875

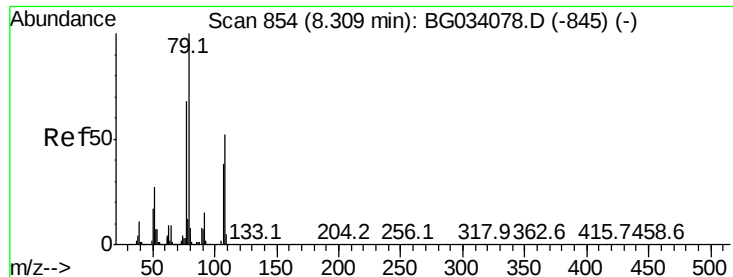
Delta R.T. -0.00 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

Tgt Ion:146	Resp:	85451
Ion Ratio	Lower	Upper
146	100	
148	67.5	49.3 73.9
111	44.8	34.3 51.5





#15

Benzyl Alcohol

Concen: 20.059 ng

RT: 8.31 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

Instrument :

BNA_G

ClientSampleId :

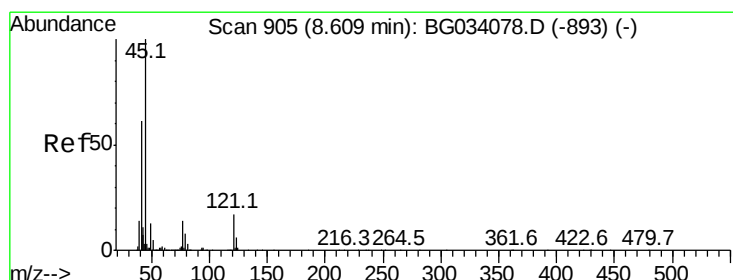
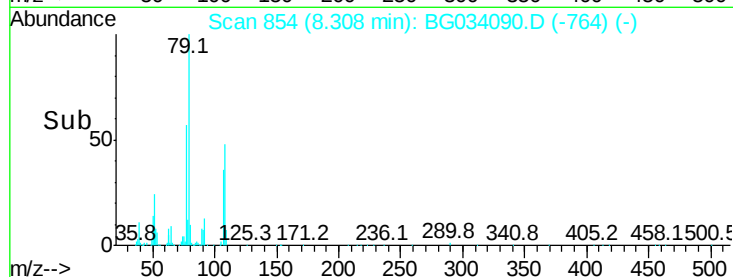
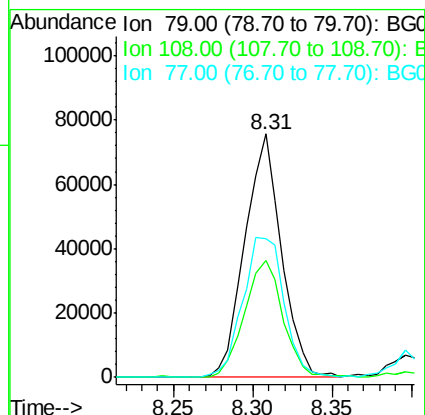
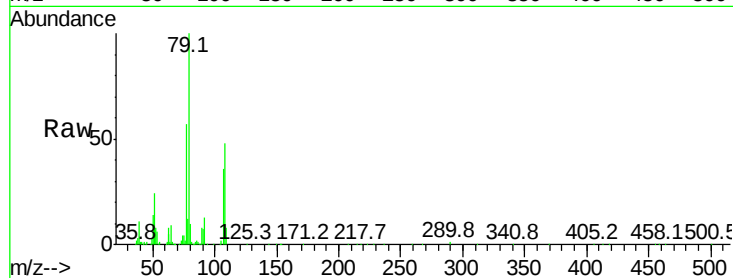
Tot Ion: 79 Resp: 121124

Ion Ratio Lower Upper

79 100

108 48.0 57.2 85.8#

77 56.7 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 19.471 ng

RT: 8.61 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

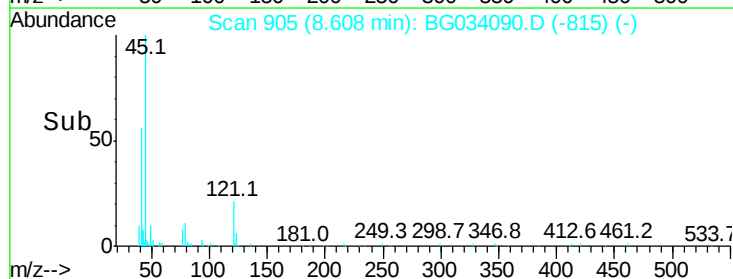
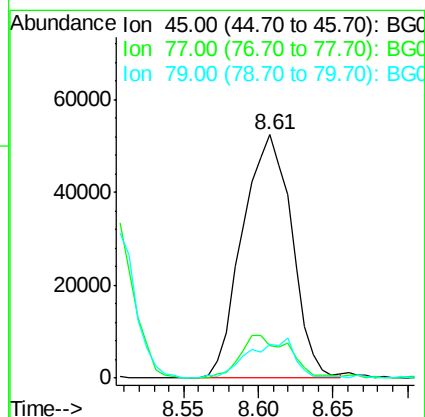
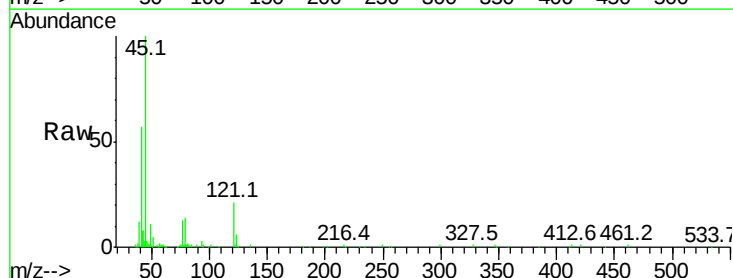
Tgt Ion: 45 Resp: 120407

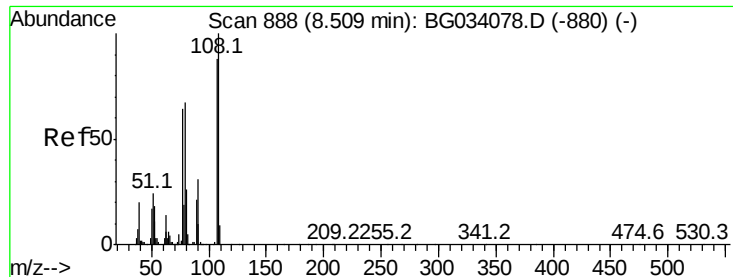
Ion Ratio Lower Upper

45 100

77 13.2 0.0 30.2

79 13.7 0.0 27.9





#17

2-Methylphenol

Concen: 20.123 ng

RT: 8.51 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 75596

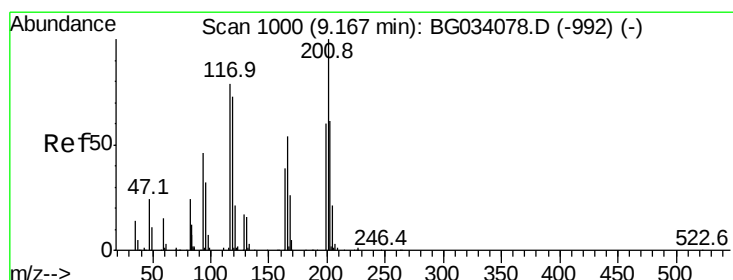
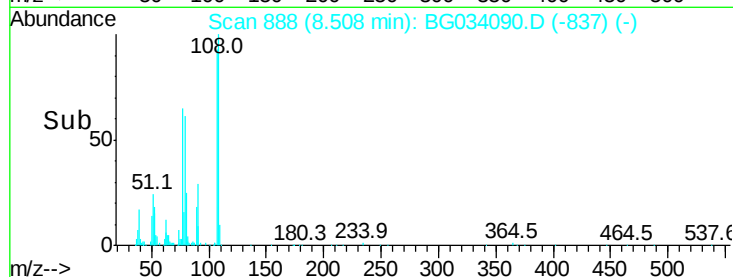
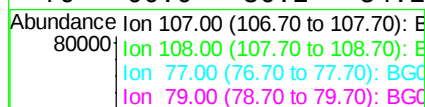
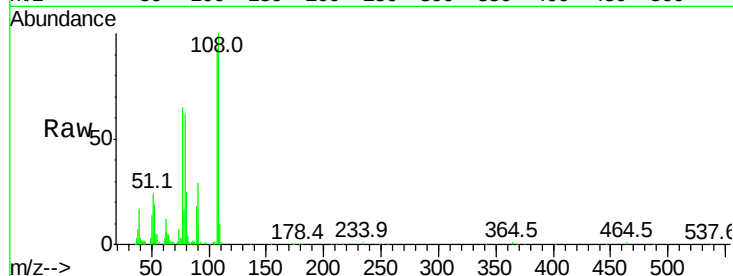
Ion Ratio Lower Upper

107 100

108 107.3 83.9 125.9

77 70.2 37.2 55.8#

79 66.0 36.2 54.2#



#18

Hexachloroethane

Concen: 17.510 ng

RT: 9.17 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

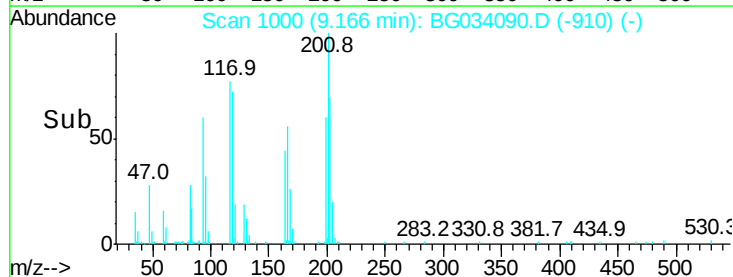
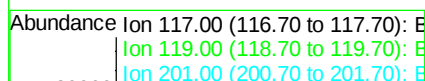
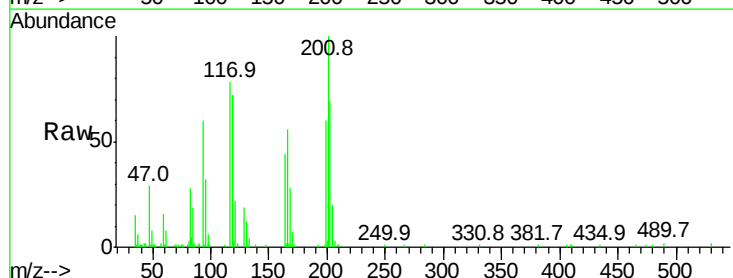
Tgt Ion:117 Resp: 33956

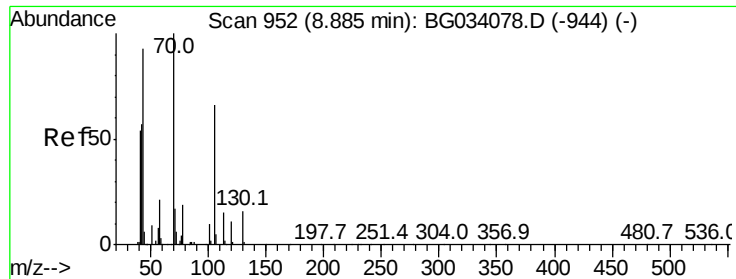
Ion Ratio Lower Upper

117 100

119 91.9 76.7 115.1

201 127.4 95.7 143.5

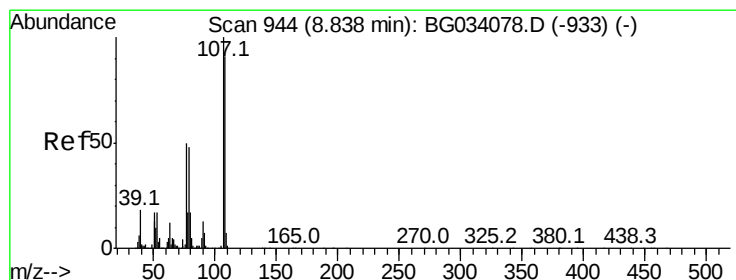
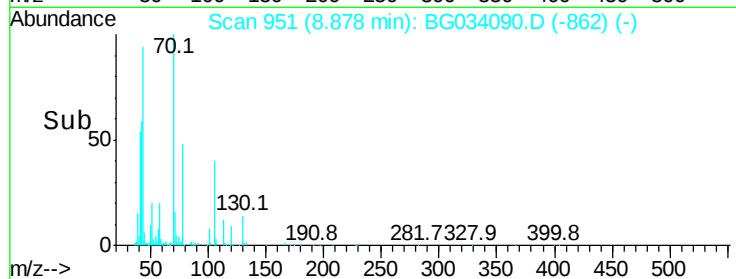
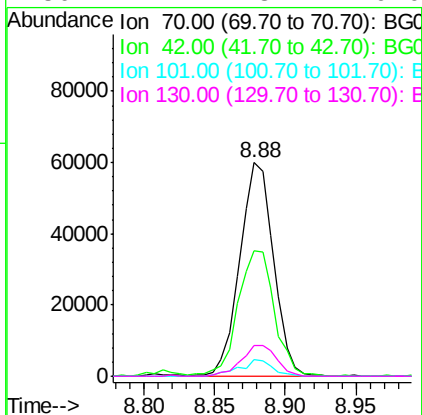
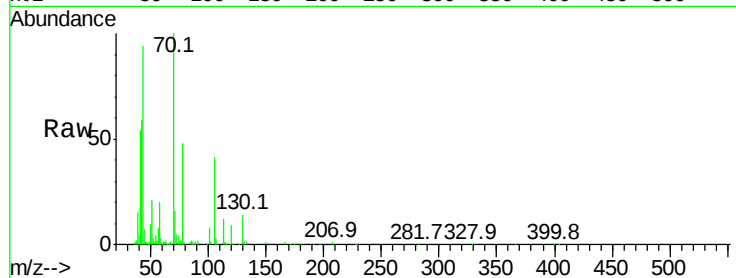




#19
n-Nitroso-di-n-propylamine
Concen: 19.787 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG034090.D
Acq: 1 May 2018 22:24

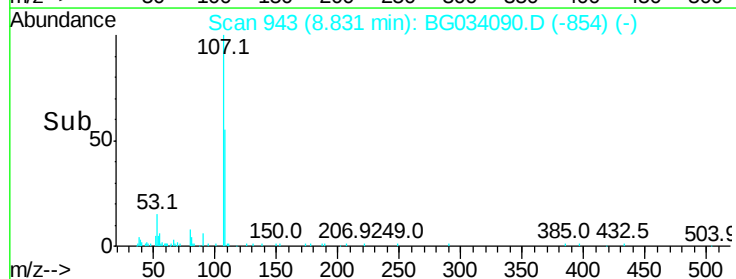
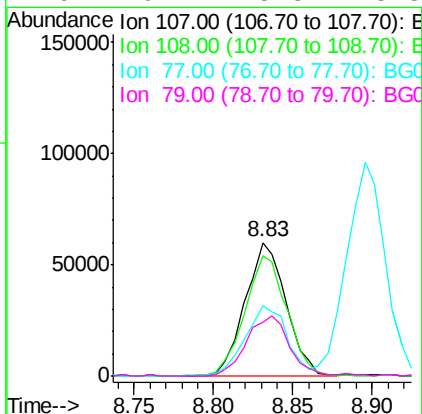
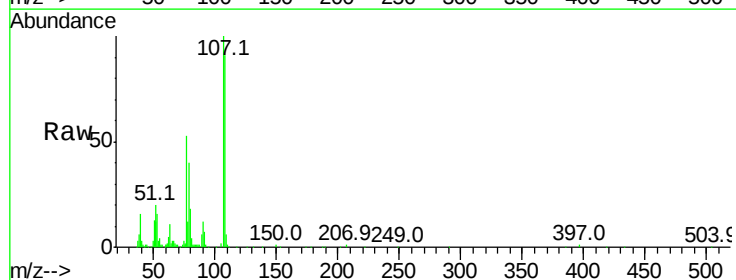
Instrument :
BNA_G
ClientSampleId :

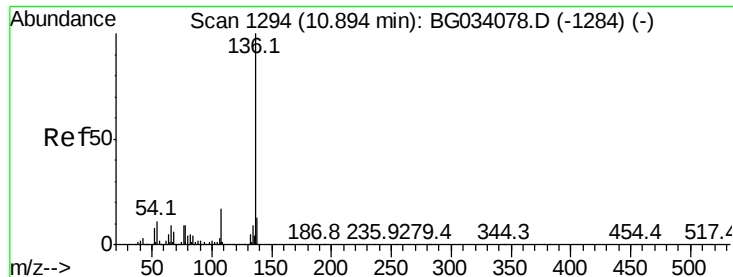
Tot Ion: 70 Resp: 100583
Ion Ratio Lower Upper
70 100
42 58.8 49.1 73.7
101 7.9 8.5 12.7#
130 14.1 13.4 20.0



#20
3+4-Methylphenols
Concen: 19.305 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG034090.D
Acq: 1 May 2018 22:24

Tgt Ion:107 Resp: 107406
Ion Ratio Lower Upper
107 100
108 90.8 61.6 101.6
77 52.7 13.9 53.9
79 40.2 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: BG034090.D

Acq: 1 May 2018 22:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 242289

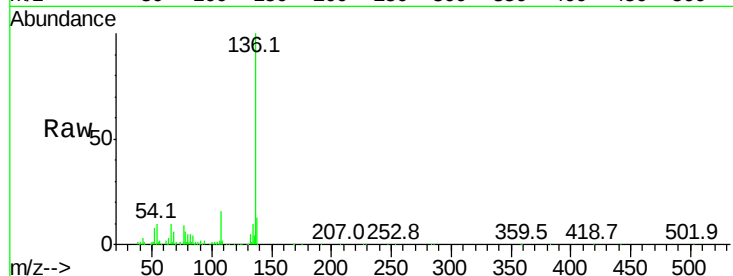
Ion Ratio Lower Upper

136 100

137 12.5 9.2 13.8

54 10.3 10.3 15.5

68 5.8 4.5 6.7

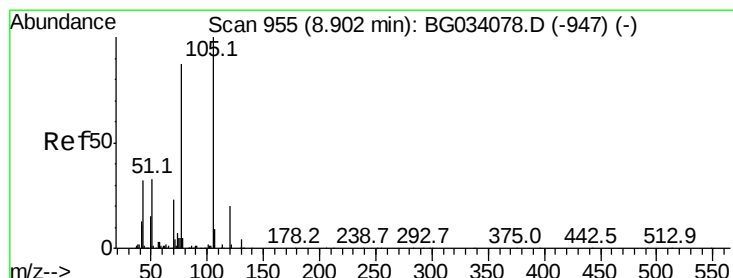
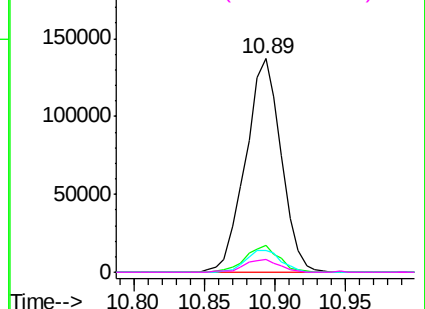
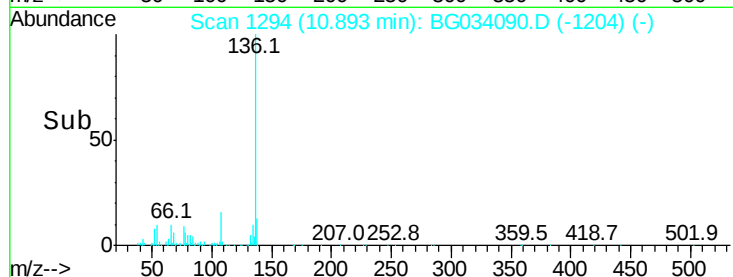


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 19.788 ng

RT: 8.90 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

Tgt Ion:105 Resp: 163310

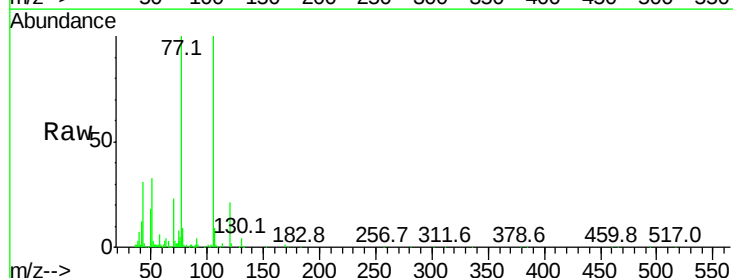
Ion Ratio Lower Upper

105 100

71 3.2 3.0 4.4

51 33.2 26.1 39.1

120 21.1 17.4 26.2

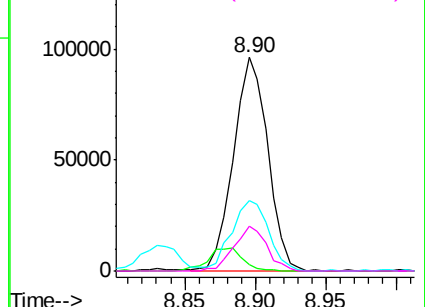
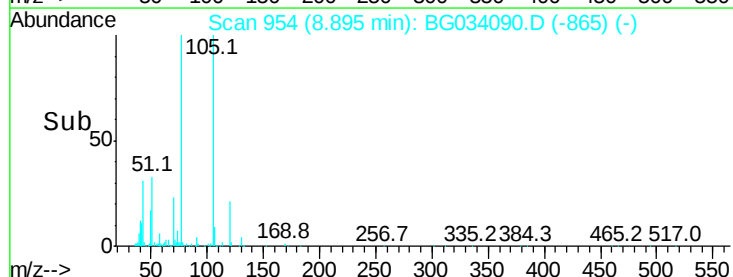


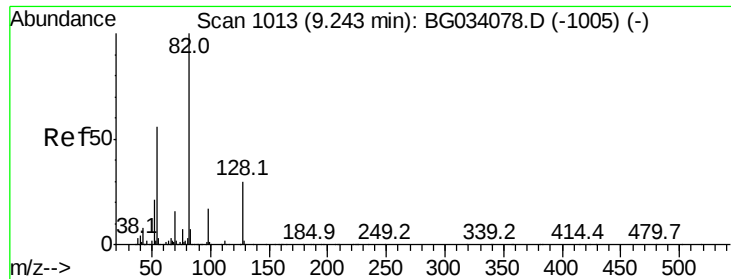
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

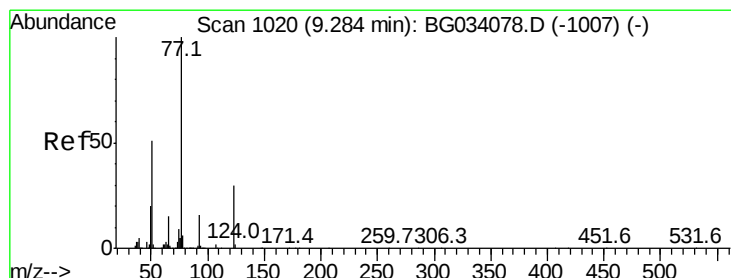
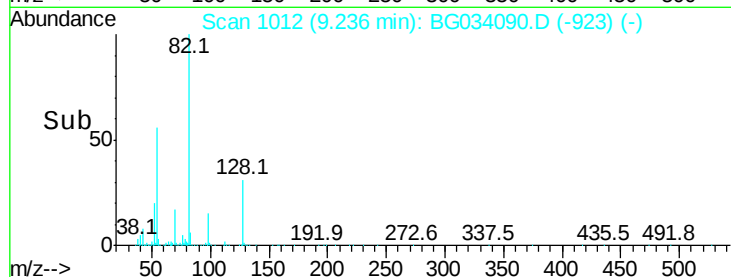
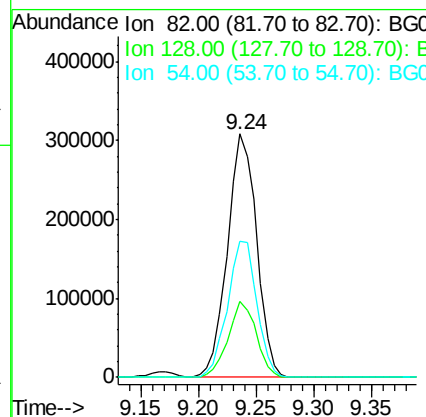
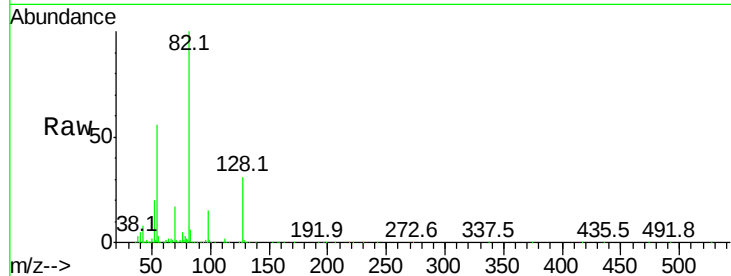




#23
Nitrobenzene-d5
Concen: 85.528 ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG034090.D
Acq: 1 May 2018 22:24

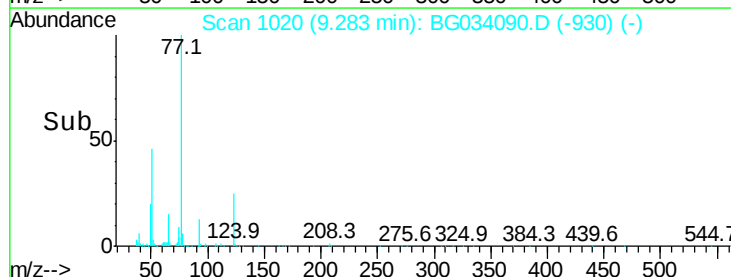
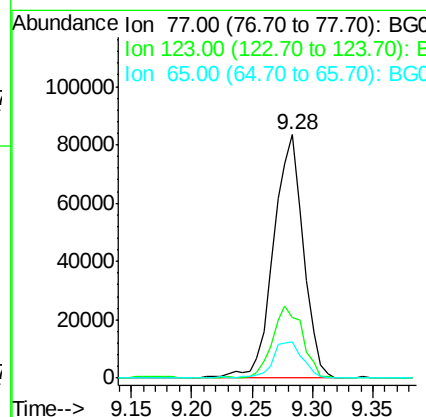
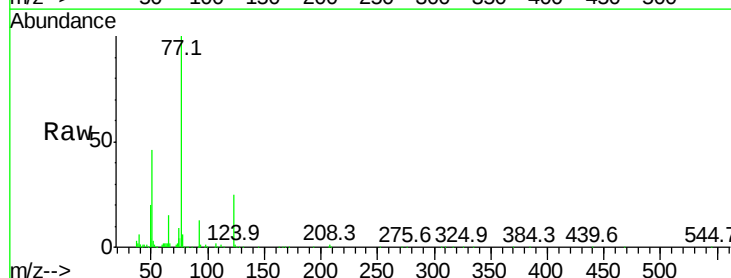
Instrument :
BNA_G
ClientSampleId :

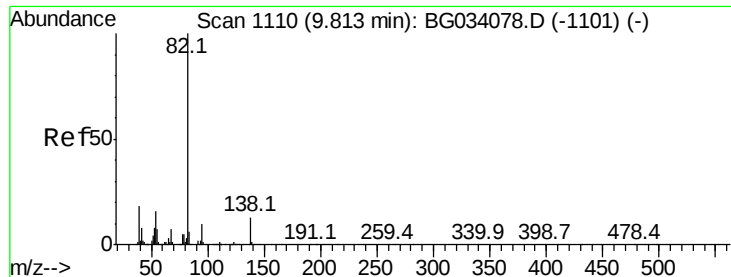
Tot Ion	82	Resp	540097
Ion Ratio	Lower	Upper	
82	100		
128	31.1	29.7	44.5
54	56.0	43.1	64.7



#24
Nitrobenzene
Concen: 20.459 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG034090.D
Acq: 1 May 2018 22:24

Tgt Ion	77	Resp	141421
Ion Ratio	Lower	Upper	
77	100		
123	24.8	33.0	49.6#
65	15.0	13.0	19.6





#25

Isophorone

Concen: 19.743 ng

RT: 9.80 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

Instrument :

BNA_G

ClientSampleId :

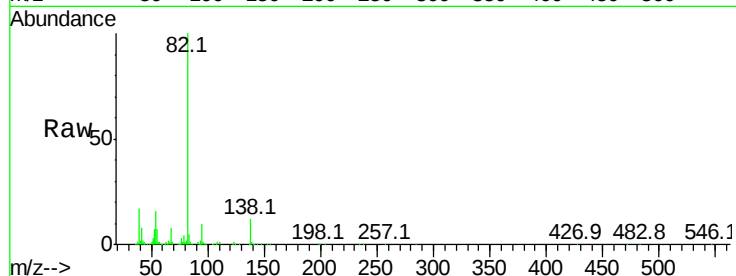
Tot Ion: 82 Resp: 254331

Ion Ratio Lower Upper

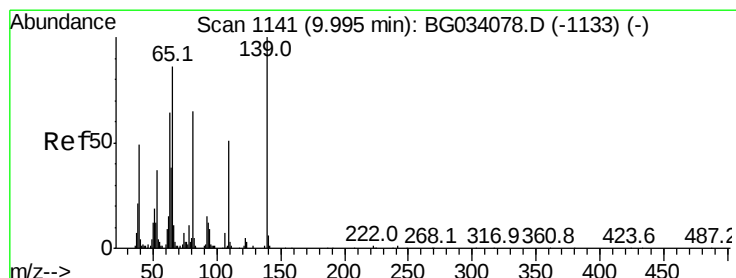
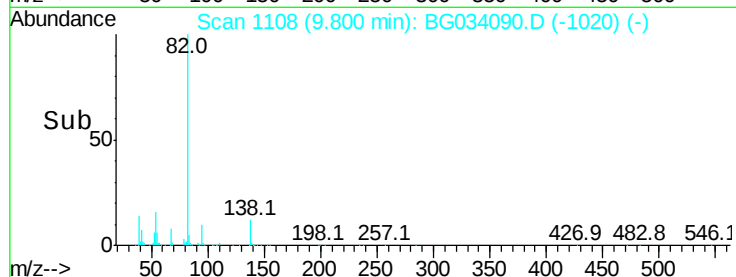
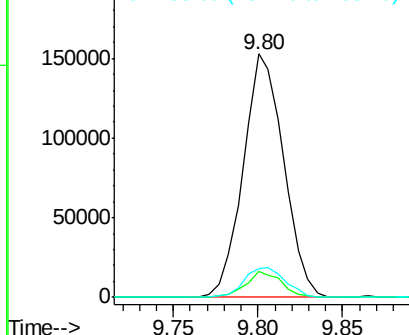
82 100

95 10.4 6.2 9.2#

138 11.7 12.1 18.1#



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



#26

2-Nitrophenol

Concen: 20.196 ng

RT: 9.99 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

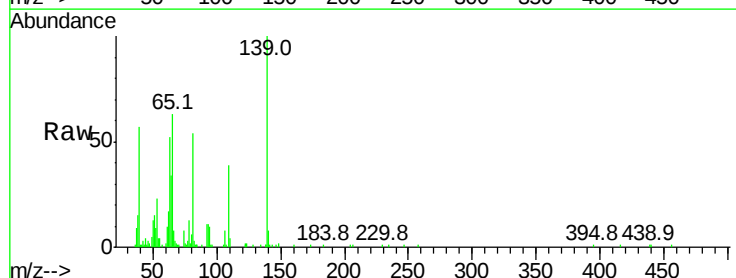
Tgt Ion: 139 Resp: 38645

Ion Ratio Lower Upper

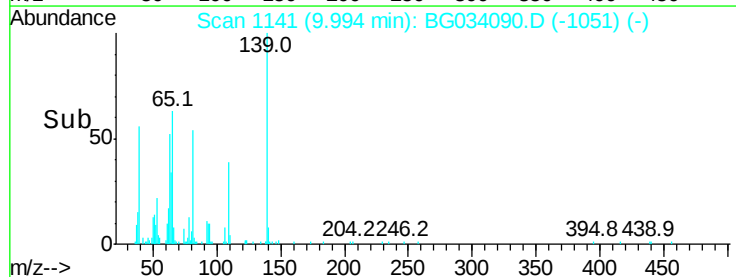
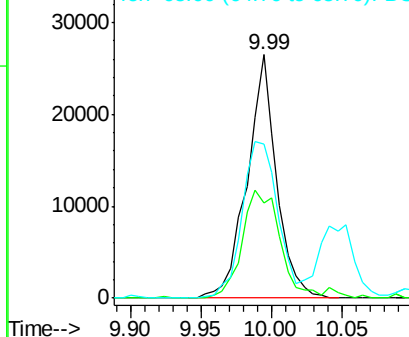
139 100

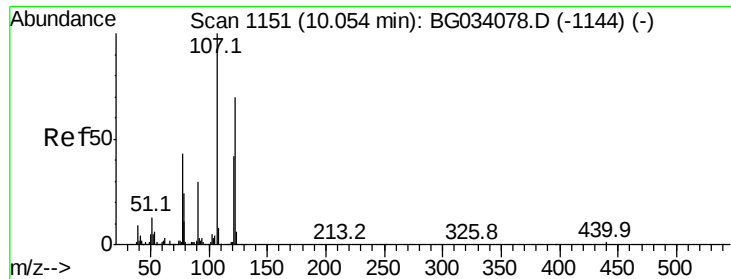
109 39.1 24.2 36.2#

65 63.4 47.4 71.0



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

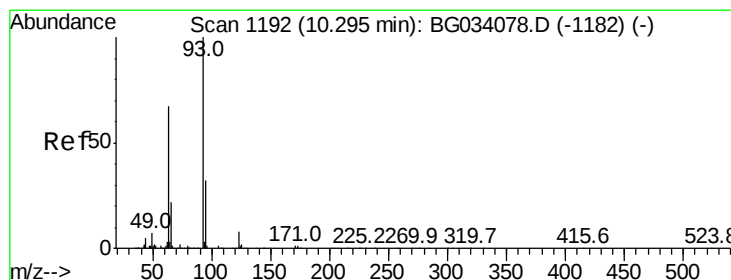
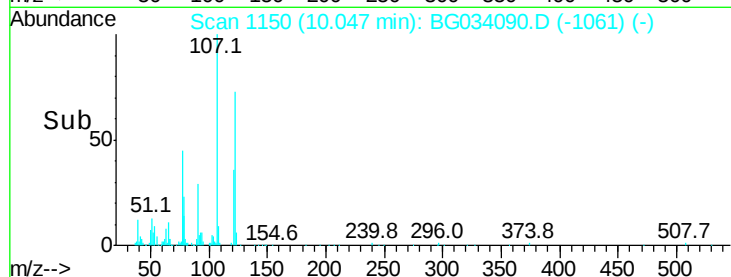
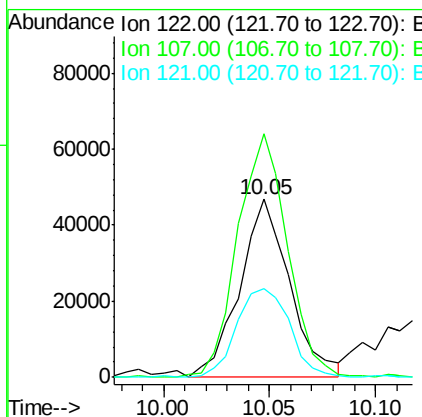
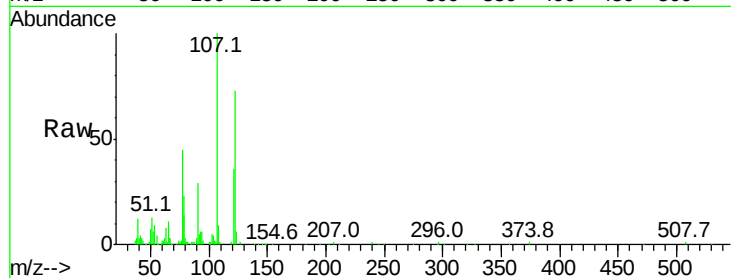




#27
2,4-Dimethylphenol
Concen: 20.794 ng
RT: 10.05 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BG034090.D
Acq: 1 May 2018 22:24

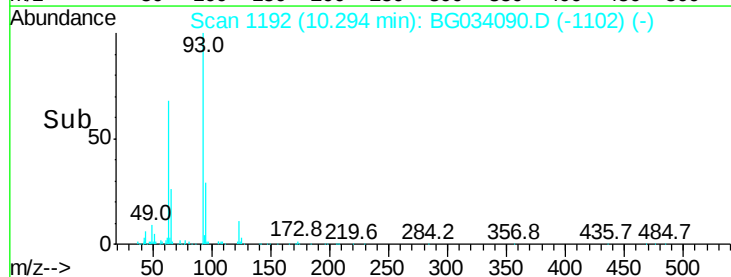
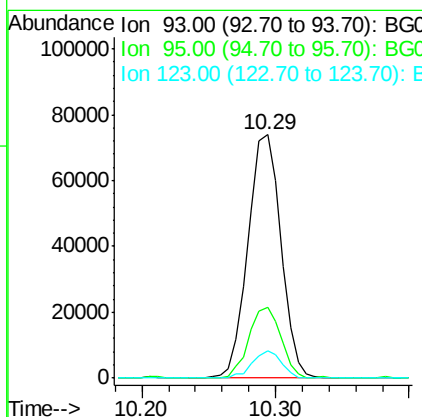
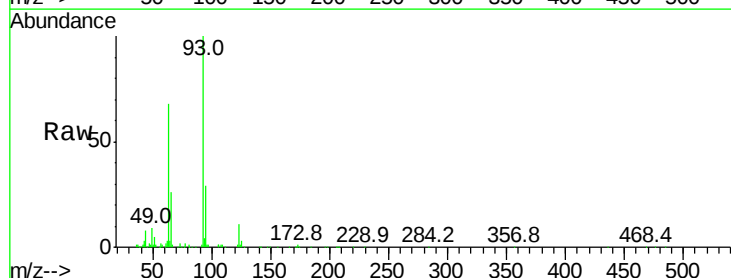
Instrument :
BNA_G
ClientSampleId :

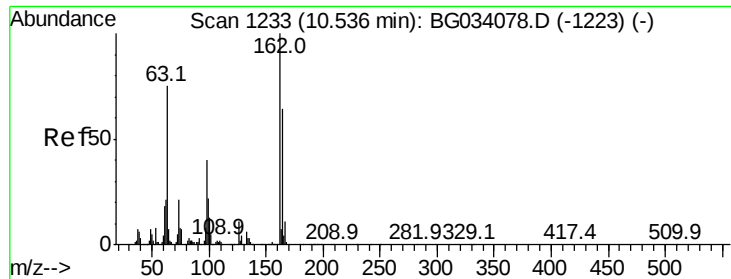
Tot Ion:122 Resp: 77137
Ion Ratio Lower Upper
122 100
107 136.9 100.2 150.2
121 49.9 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 19.928 ng
RT: 10.29 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BG034090.D
Acq: 1 May 2018 22:24

Tgt Ion: 93 Resp: 126100
Ion Ratio Lower Upper
93 100
95 28.9 24.3 36.5
123 11.1 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 19.104 ng

RT: 10.52 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

Instrument :

BNA_G

ClientSampled :

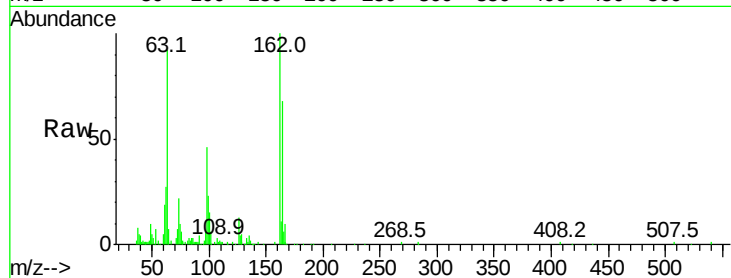
Tot Ion:162 Resp: 84710

Ion Ratio Lower Upper

162 100

164 68.2 48.0 88.0

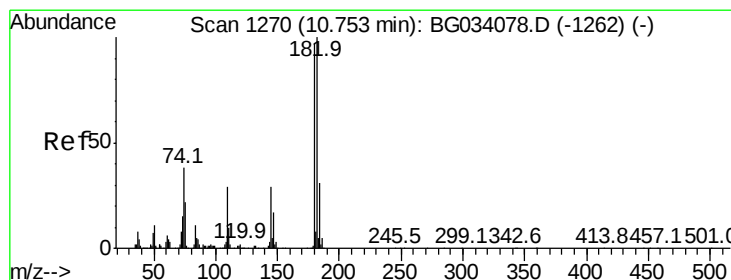
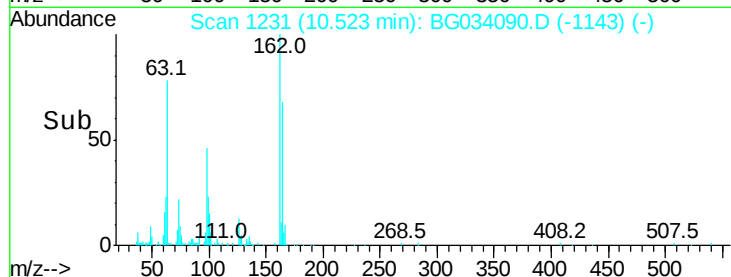
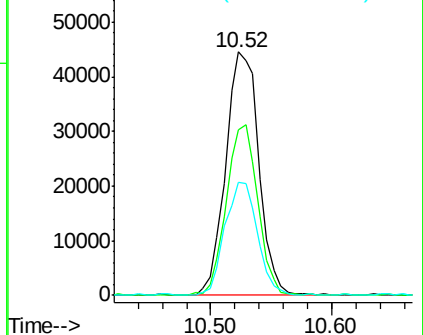
98 46.4 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 20.126 ng

RT: 10.75 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

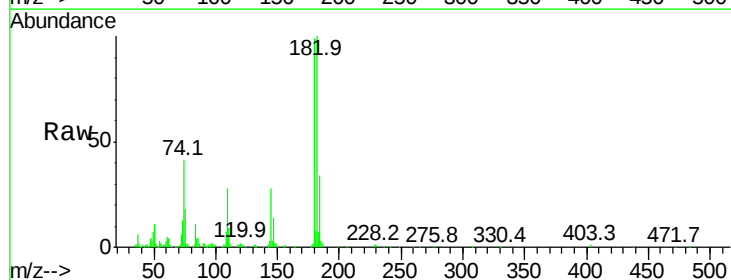
Tgt Ion:180 Resp: 107458

Ion Ratio Lower Upper

180 100

182 101.3 77.5 116.3

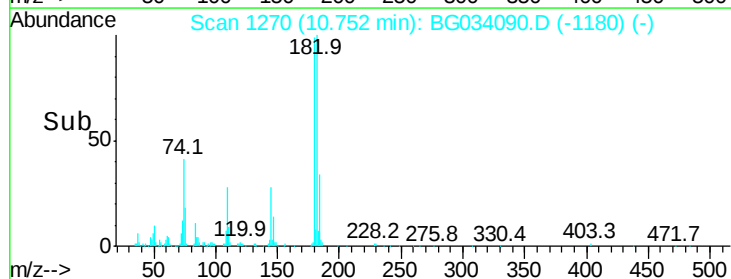
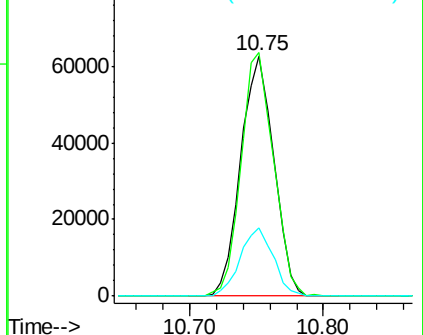
145 28.6 23.4 35.2

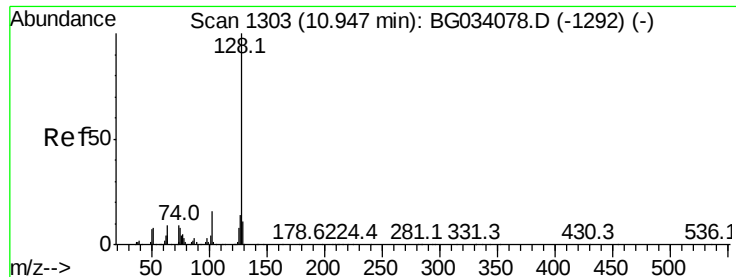


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

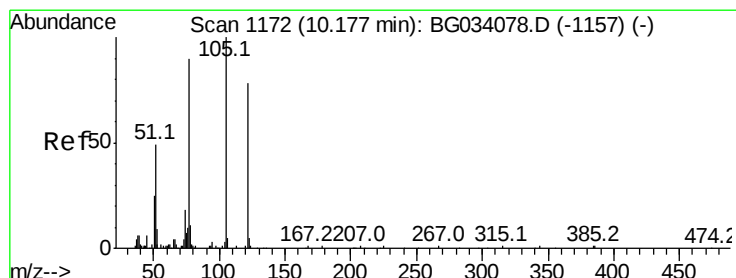
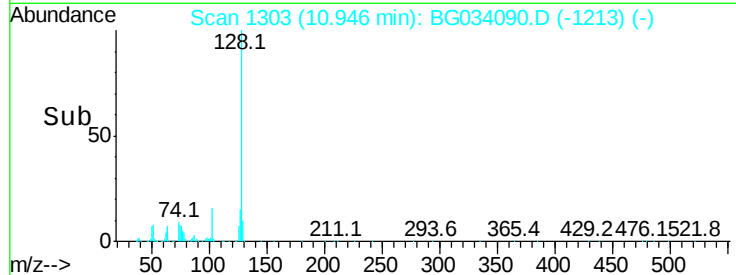
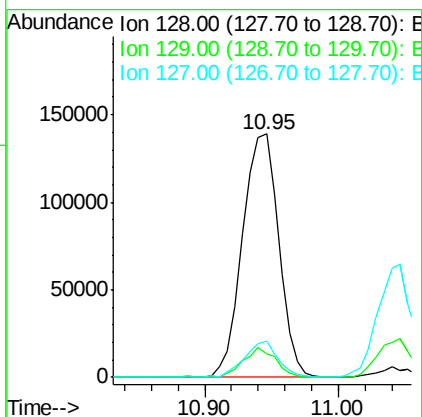
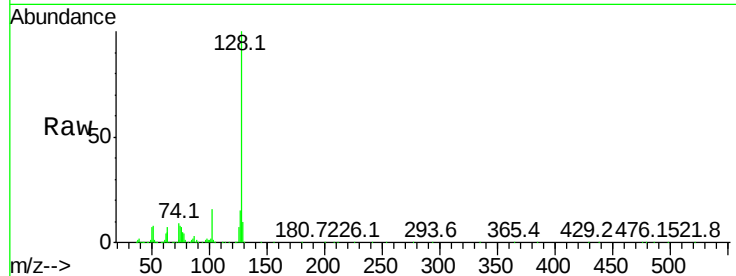




#31
Naphthalene
Concen: 20.469 ng
RT: 10.95 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG034090.D
Acq: 1 May 2018 22:24

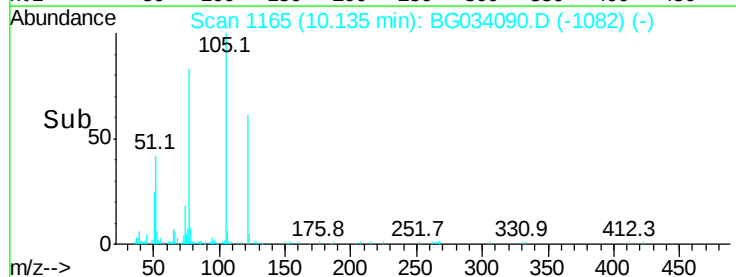
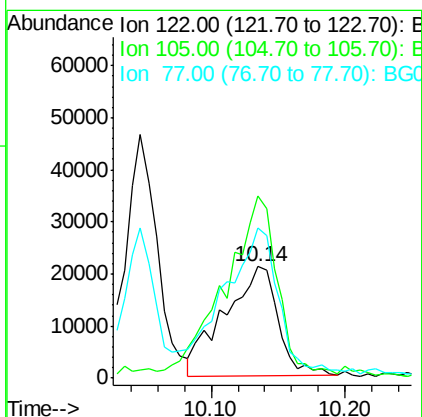
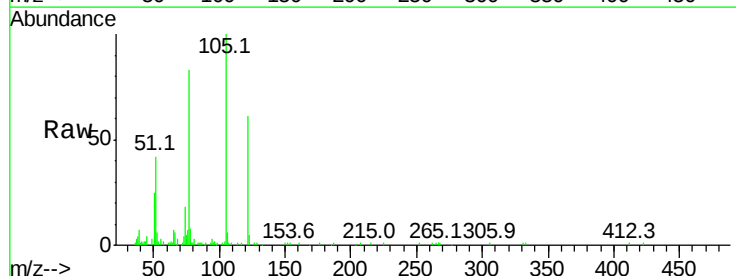
Instrument :
BNA_G
ClientSampleId :

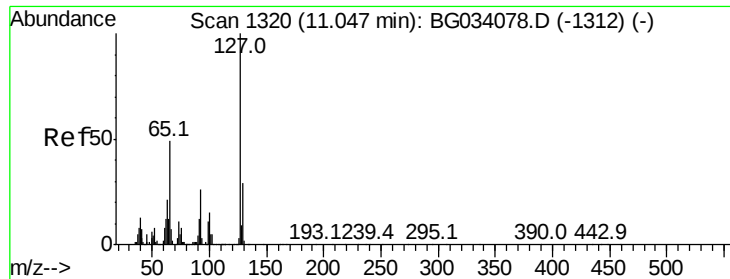
Tot Ion:128 Resp: 260680
Ion Ratio Lower Upper
128 100
129 9.9 8.6 12.8
127 15.0 11.6 17.4



#32
Benzoic acid
Concen: 20.487 ng
RT: 10.14 min Scan# 1165
Delta R.T. -0.04 min
Lab File: BG034090.D
Acq: 1 May 2018 22:24

Tgt Ion:122 Resp: 57774
Ion Ratio Lower Upper
122 100
105 162.8 123.5 163.5
77 134.6 85.7 125.7#

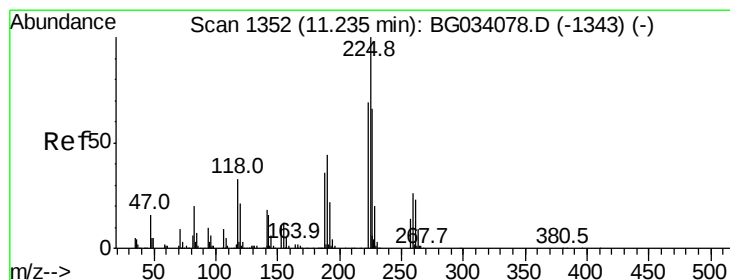
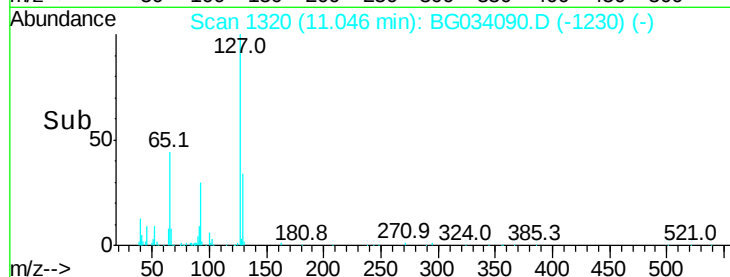
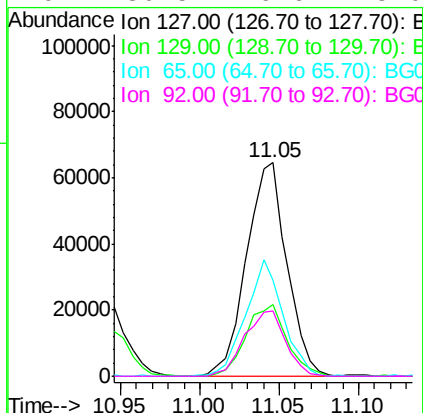
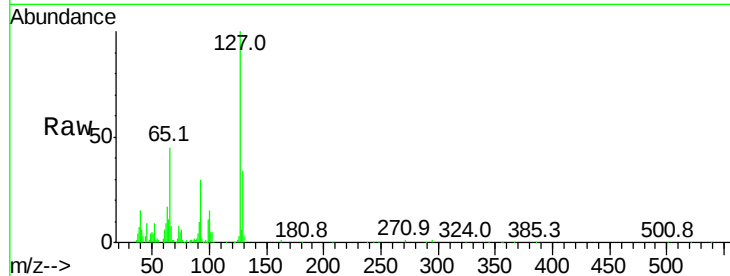




#33
4-Chloroaniline
Concen: 19.935 ng
RT: 11.05 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG034090.D
Acq: 1 May 2018 22:24

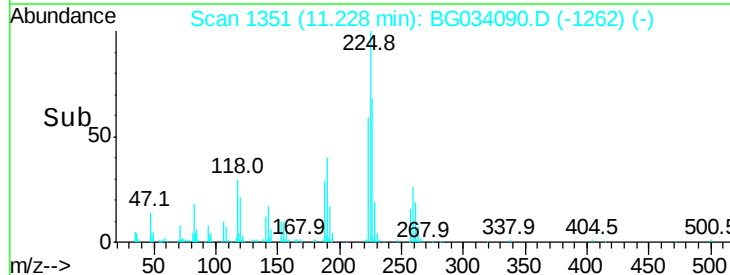
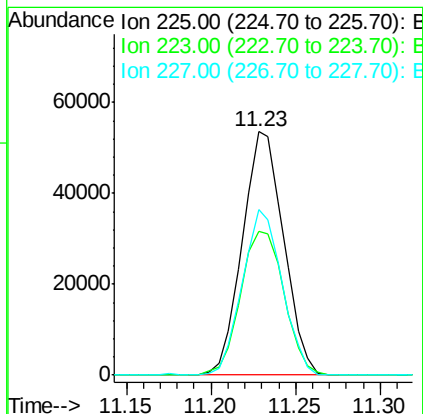
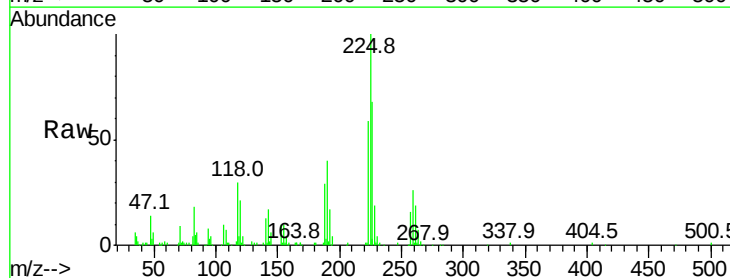
Instrument :
BNA_G
ClientSampled :

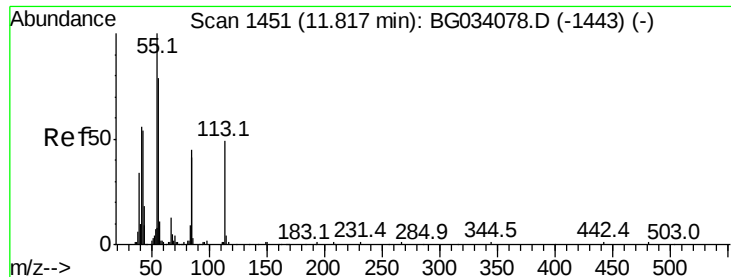
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.8	24.0	36.0
65	44.8	27.0	40.4
92	30.5	16.6	25.0



#34
Hexachlorobutadiene
Concen: 20.169 ng
RT: 11.23 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG034090.D
Acq: 1 May 2018 22:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.0	49.7	74.5
227	68.1	48.1	72.1

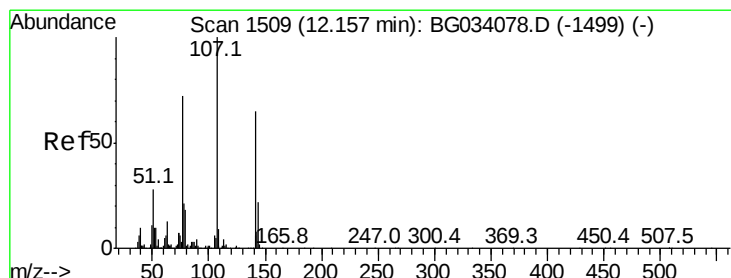
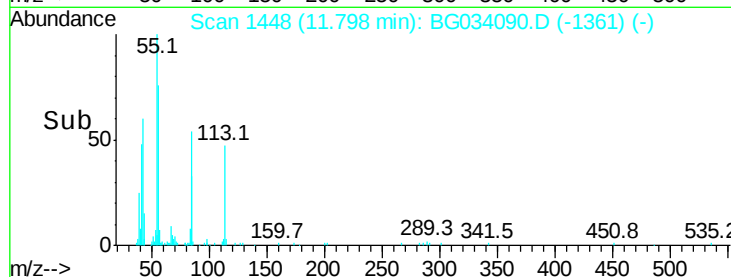
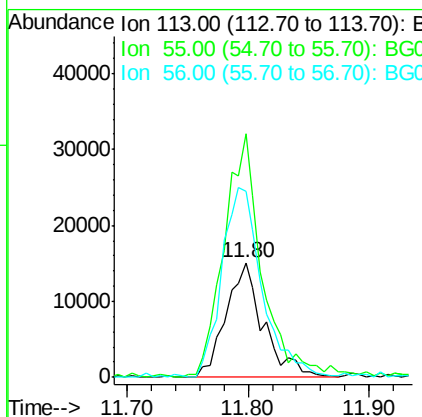
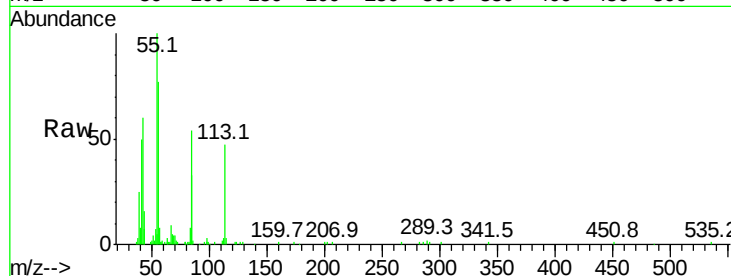




#35
 Caprolactam
 Concen: 20.628 ng
 RT: 11.80 min Scan# 1448
 Delta R.T. -0.02 min
 Lab File: BG034090.D
 Acq: 1 May 2018 22:24

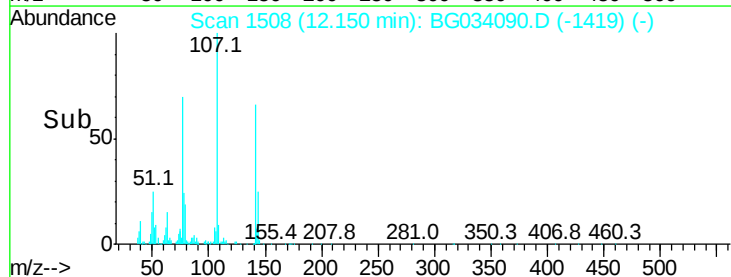
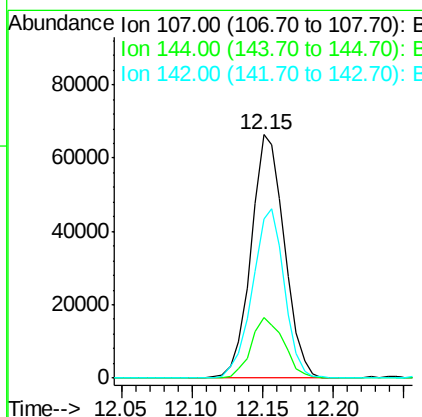
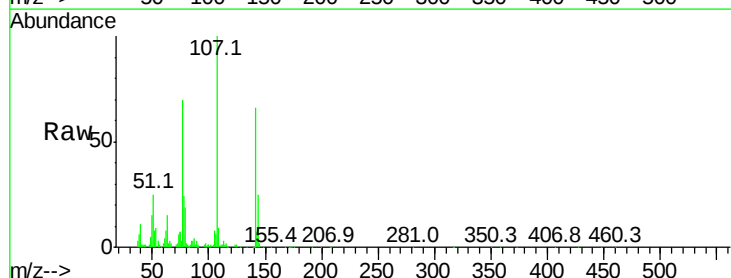
Instrument :
 BNA_G
 ClientSampleId :

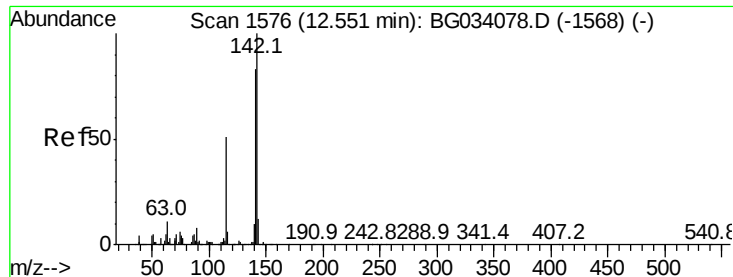
Tot Ion:113 Resp: 32490
 Ion Ratio Lower Upper
 113 100
 55 212.7 186.9 226.9
 56 162.9 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 19.141 ng
 RT: 12.15 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BG034090.D
 Acq: 1 May 2018 22:24

Tgt Ion:107 Resp: 110053
 Ion Ratio Lower Upper
 107 100
 144 25.0 18.2 27.4
 142 65.6 59.0 88.4

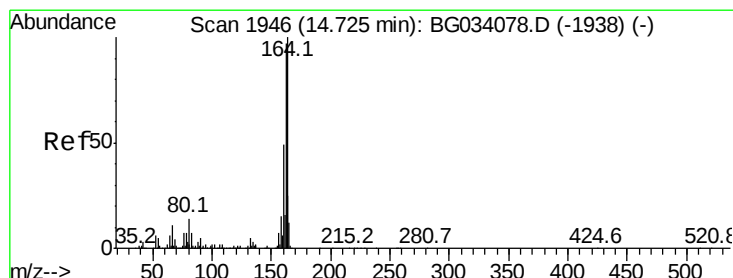
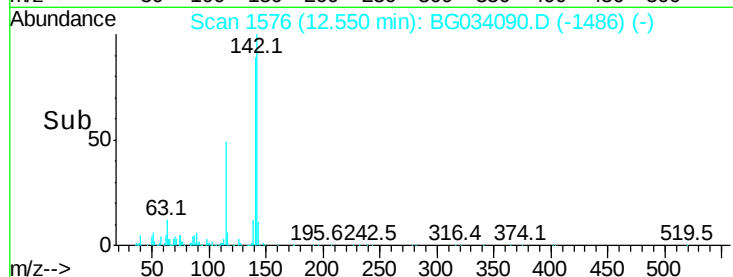
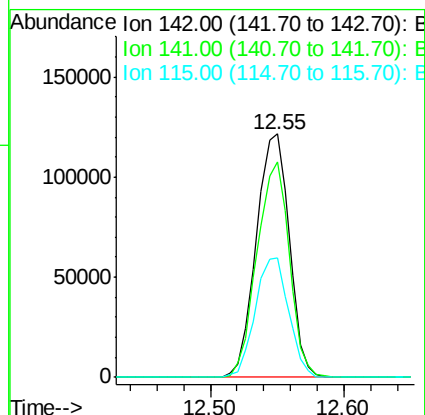
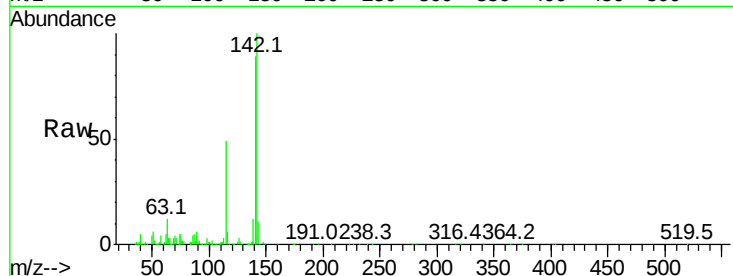




#37
2-Methylnaphthalene
Concen: 20.064 ng
RT: 12.55 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BG034090.D
Acq: 1 May 2018 22:24

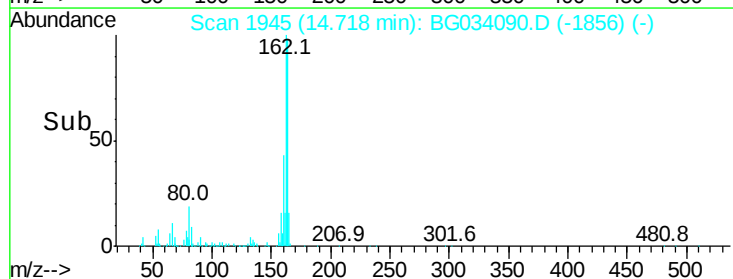
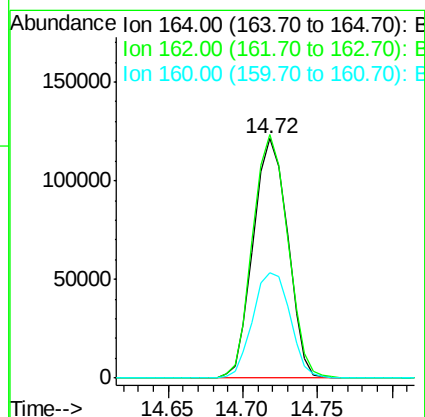
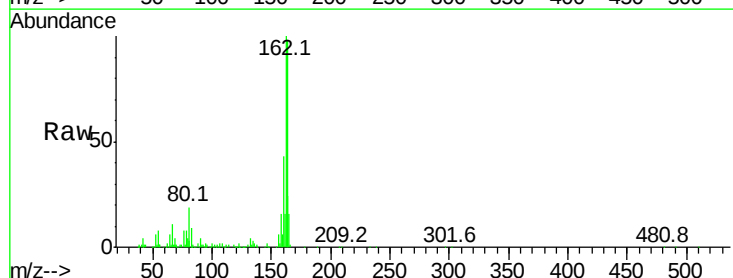
Instrument :
BNA_G
ClientSampleId :

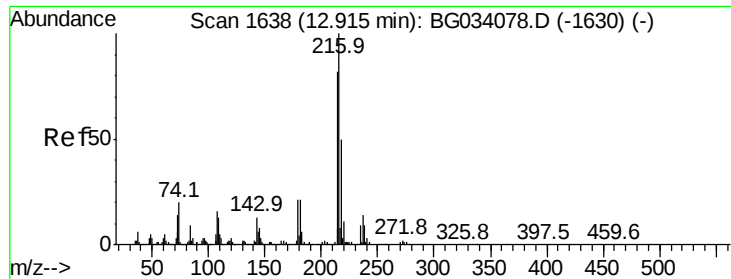
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	67.1	100.7
115	49.3	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG034090.D
Acq: 1 May 2018 22:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.8	118.2
160	44.2	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.446 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

Instrument :

BNA_G

ClientSampled :

Tot Ion:216 Resp: 146012

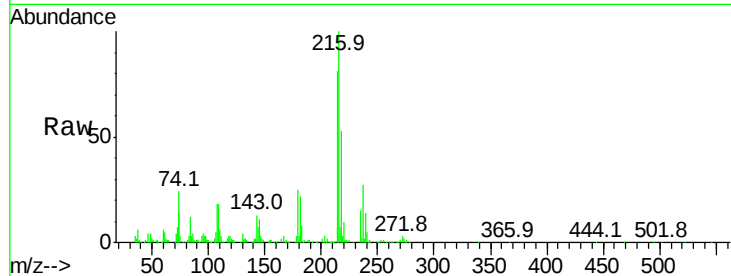
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.4

179 20.8 17.0 25.6

108 18.7 12.8 19.2

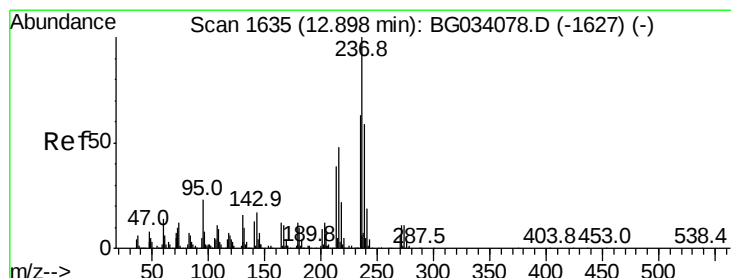
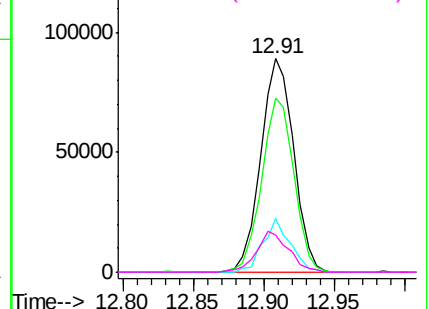
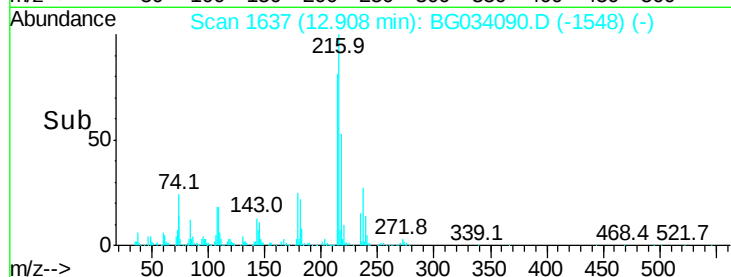


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 19.122 ng

RT: 12.90 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

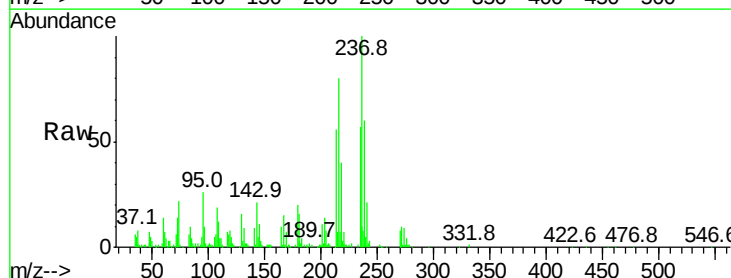
Tgt Ion:237 Resp: 85074

Ion Ratio Lower Upper

237 100

235 56.9 50.4 90.4

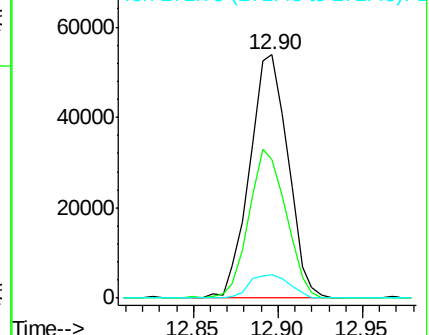
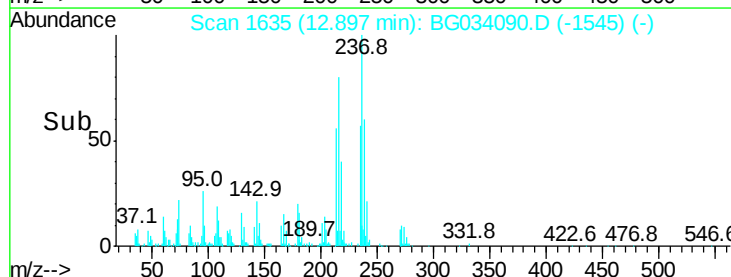
272 9.7 0.0 31.8

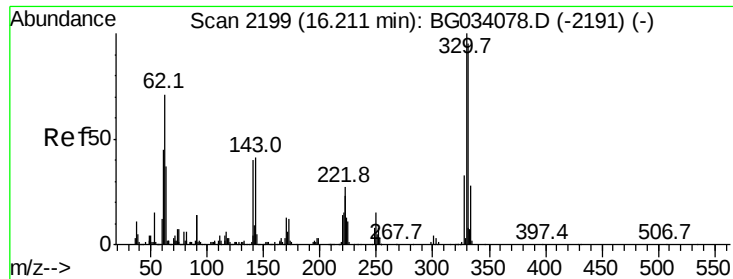


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

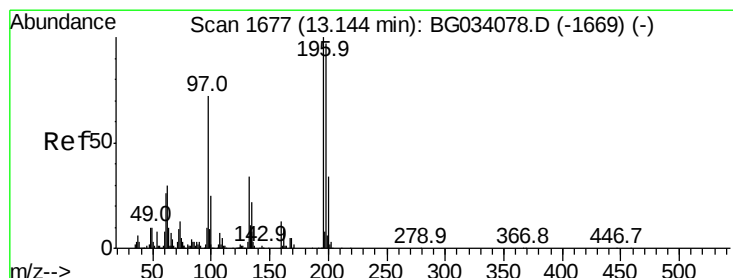
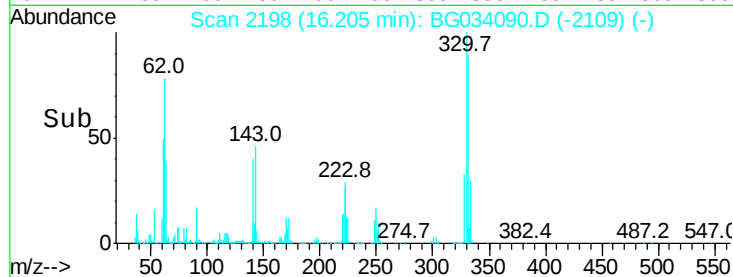
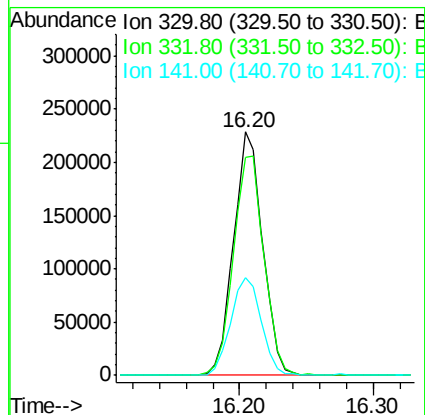
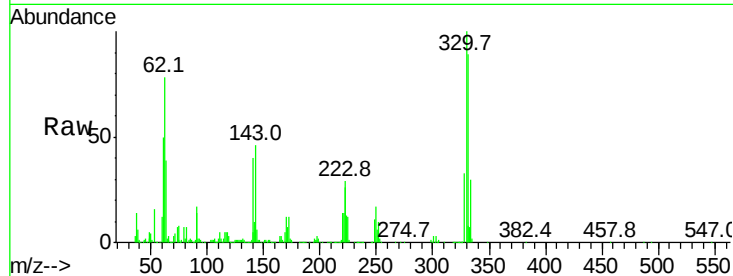




#41
 2,4,6-Tribromophenol
 Concen: 129.322 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG034090.D
 Acq: 1 May 2018 22:24

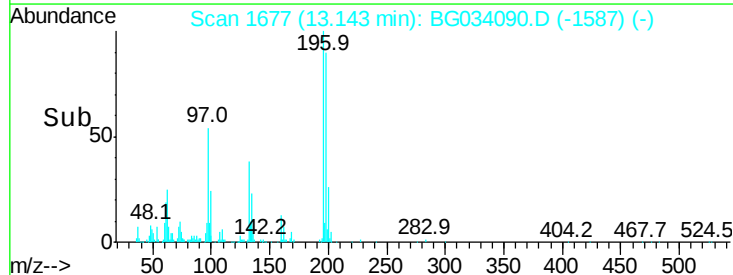
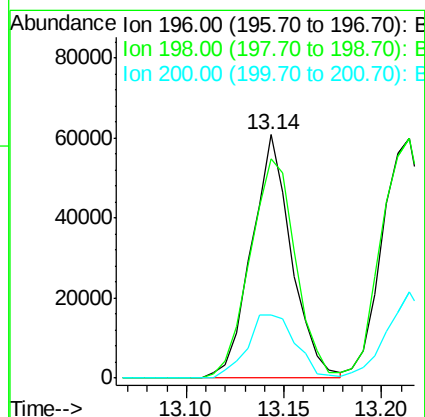
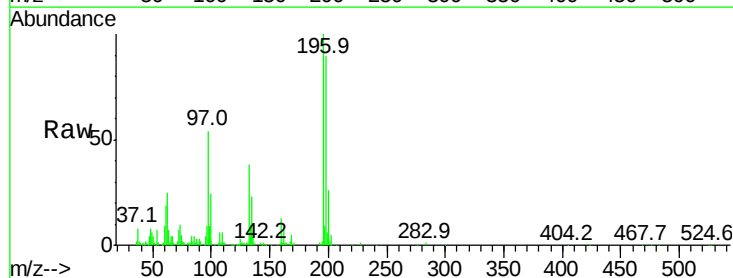
Instrument :
 BNA_G
 ClientSampleId :

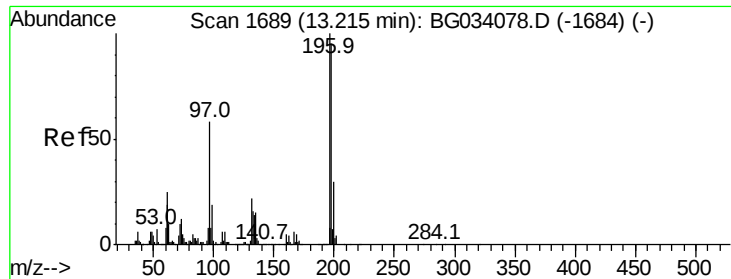
Tot Ion:330 Resp: 347473
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 42.3 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 19.785 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG034090.D
 Acq: 1 May 2018 22:24

Tgt Ion:196 Resp: 86314
 Ion Ratio Lower Upper
 196 100
 198 90.1 78.2 117.2
 200 25.8 24.6 36.8

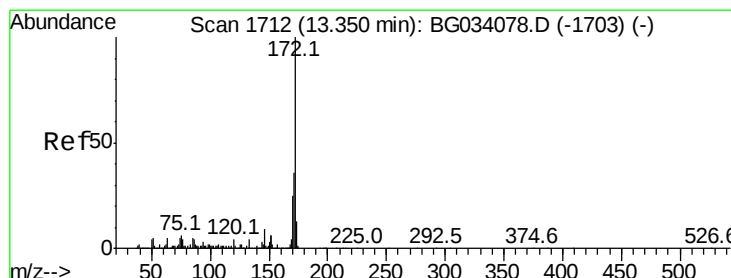
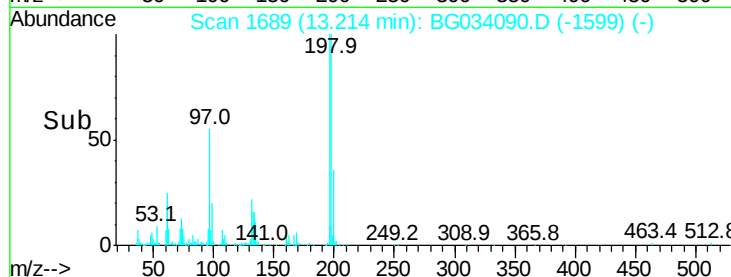
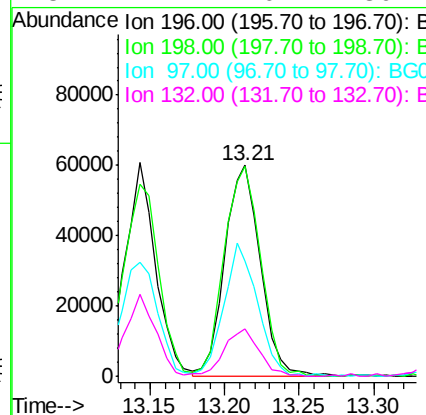
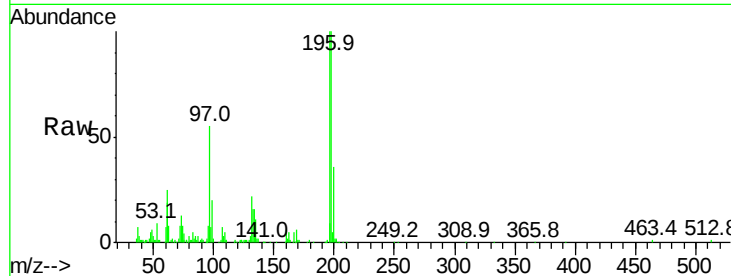




#43
2,4,5-Trichlorophenol
Concen: 20.835 ng
RT: 13.21 min Scan# 1689
Delta R.T. -0.00 min
Lab File: BG034090.D
Acq: 1 May 2018 22:24

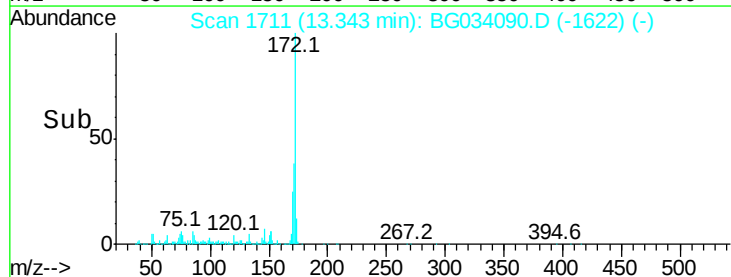
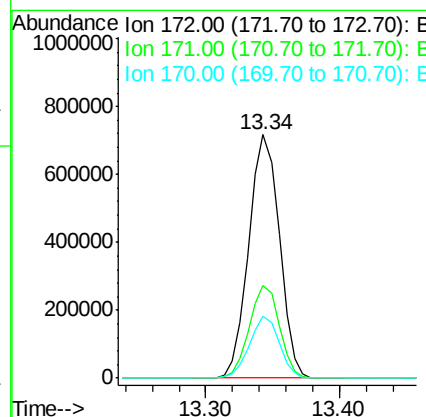
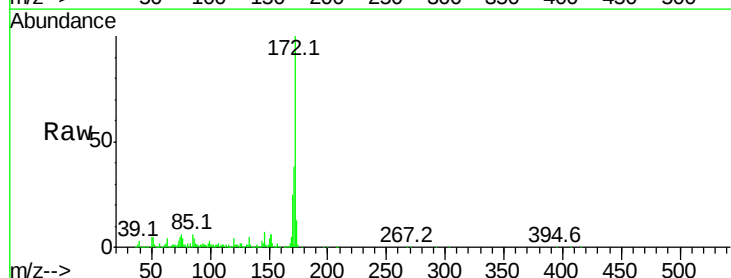
Instrument :
BNA_G
ClientSampleId :

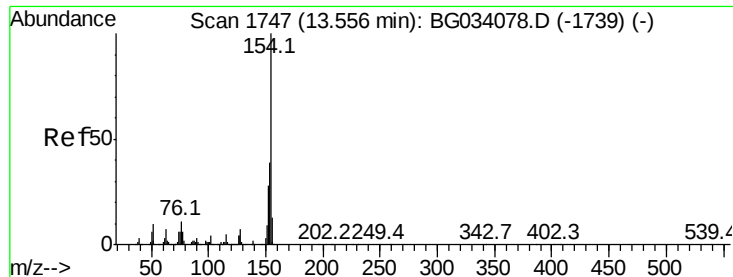
Tot Ion:196 Resp: 100482
Ion Ratio Lower Upper
196 100
198 99.9 76.2 114.4
97 54.8 38.7 58.1
132 22.4 20.2 30.2



#44
2-Fluorobiphenyl
Concen: 85.152 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG034090.D
Acq: 1 May 2018 22:24

Tgt Ion:172 Resp: 1133912
Ion Ratio Lower Upper
172 100
171 38.2 30.0 45.0
170 25.4 19.5 29.3





#45

1,1'-Biphenyl

Concen: 20.179 ng

RT: 13.55 min Scan# 1747

Delta R.T. -0.00 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

Instrument :

BNA_G

ClientSampleId :

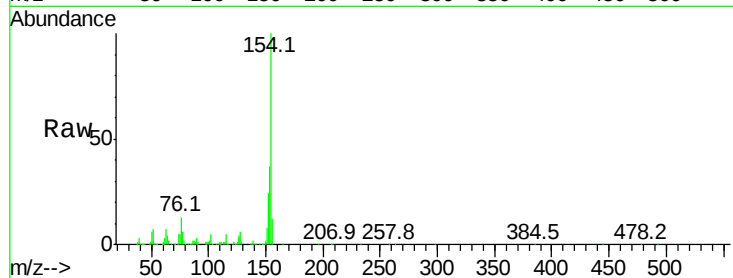
Tot Ion:154 Resp: 305877

Ion	Ratio	Lower	Upper
154	100		
153	37.0	19.8	59.8
76	12.6	0.0	31.9

154 100

153 37.0 19.8 59.8

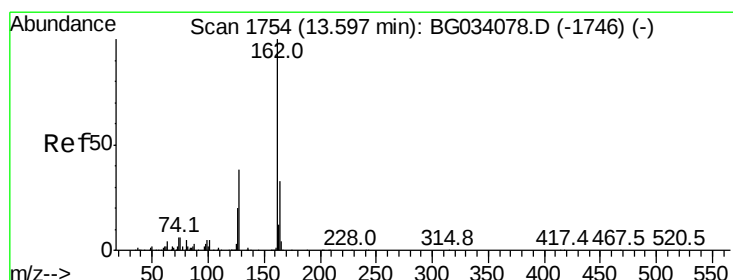
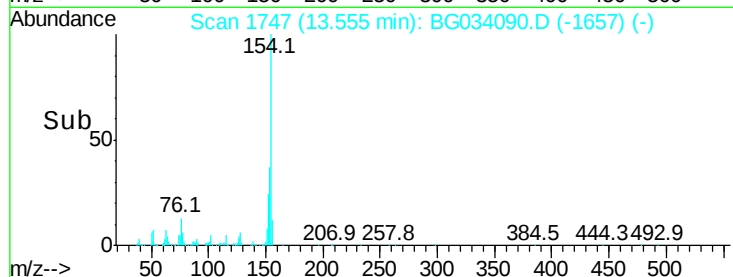
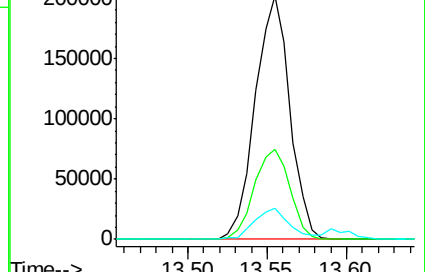
76 12.6 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 19.704 ng

RT: 13.60 min Scan# 1754

Delta R.T. -0.00 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

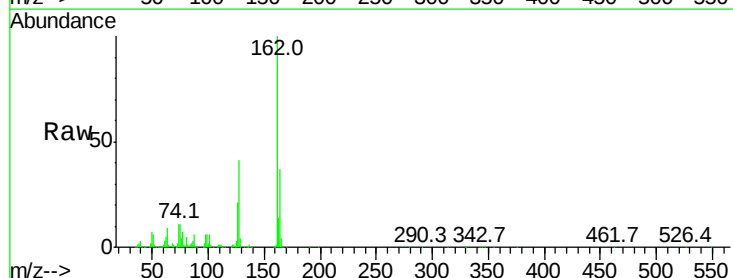
Tgt Ion:162 Resp: 226126

Ion	Ratio	Lower	Upper
162	100		
127	40.7	30.7	46.1
164	36.8	26.0	39.0

162 100

127 40.7 30.7 46.1

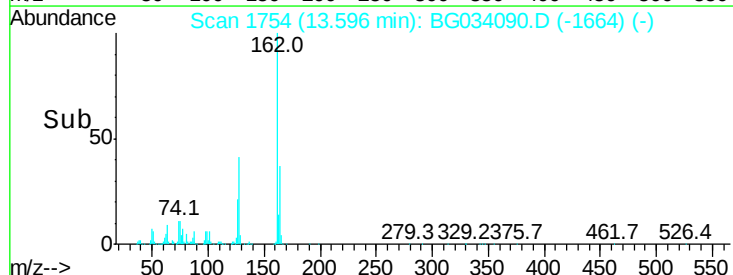
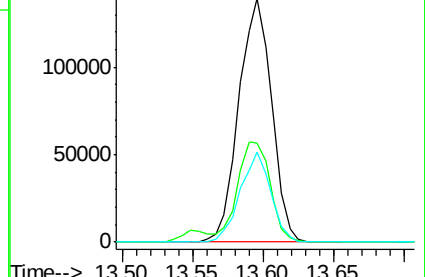
164 36.8 26.0 39.0

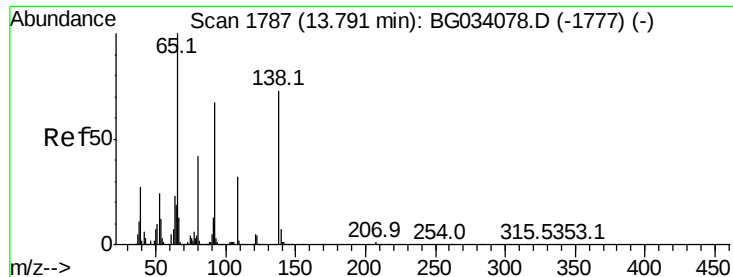


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 20.118 ng

RT: 13.79 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

Instrument :

BNA_G

ClientSampleId :

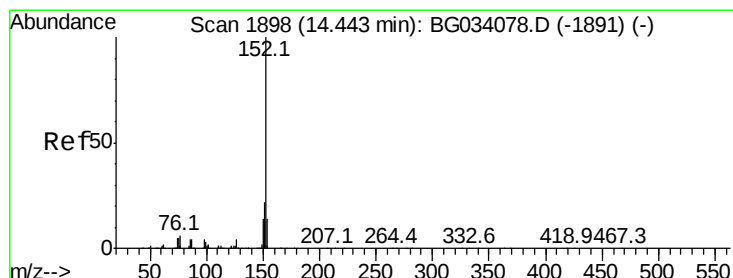
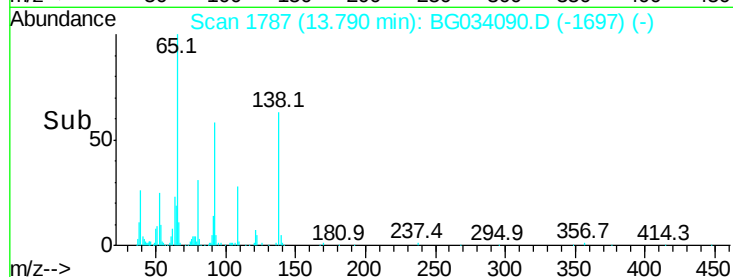
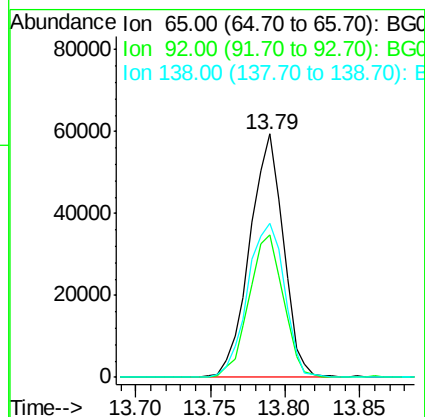
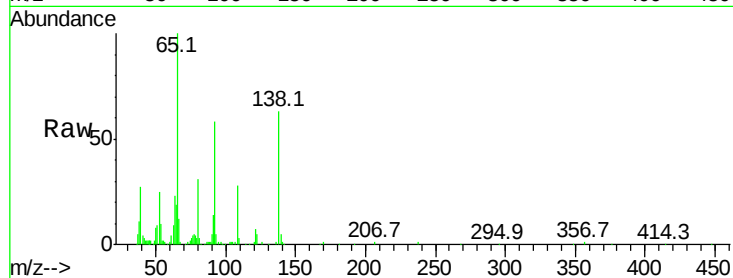
Tot Ion: 65 Resp: 92305

Ion Ratio Lower Upper

65 100

92 58.5 54.6 82.0

138 63.1 72.9 109.3#



#48

Acenaphthylene

Concen: 19.757 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

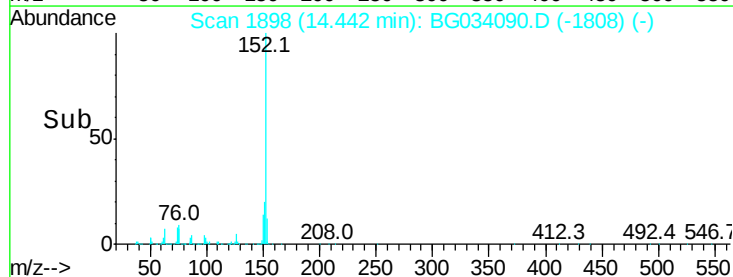
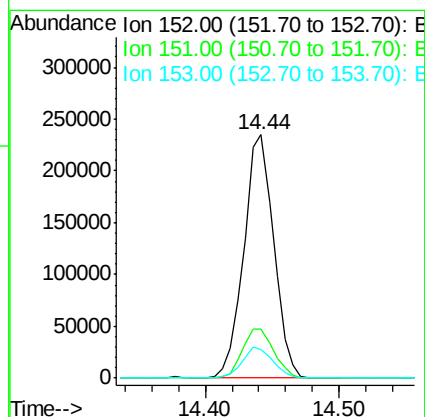
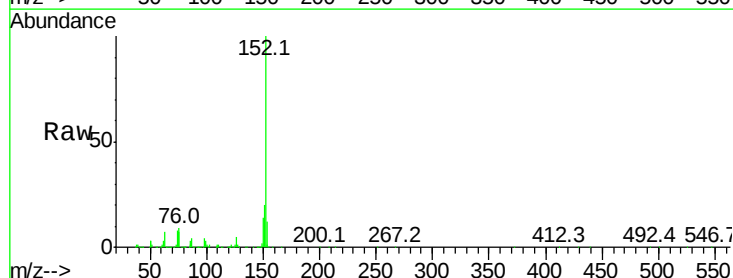
Tgt Ion:152 Resp: 361991

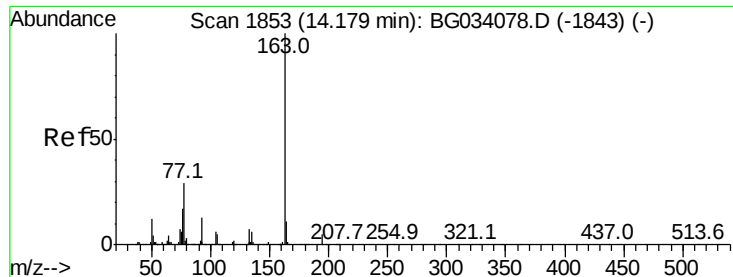
Ion Ratio Lower Upper

152 100

151 20.3 17.2 25.8

153 11.7 10.2 15.4





#49

Dimethylphthalate

Concen: 20.388 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

Instrument :

BNA_G

ClientSampleId :

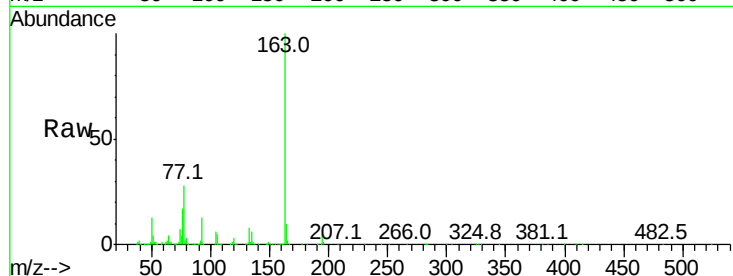
Tot Ion:163 Resp: 343041

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

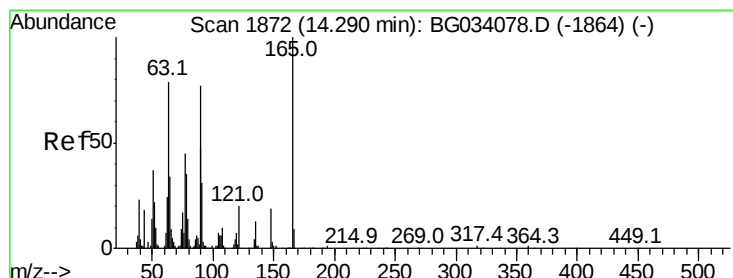
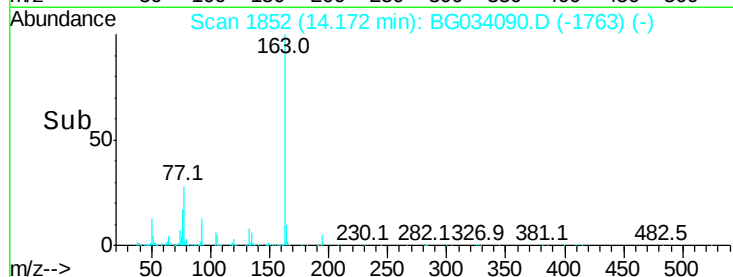
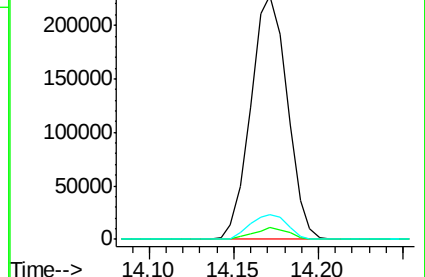
164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 20.309 ng

RT: 14.28 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

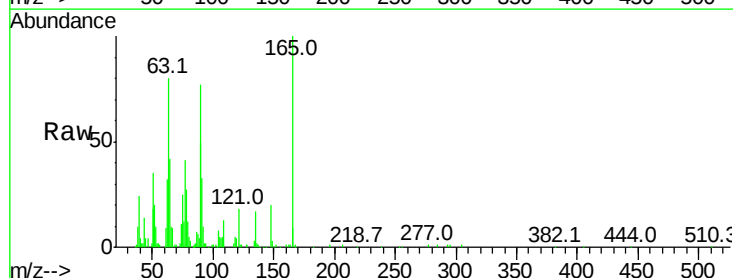
Tgt Ion:165 Resp: 65630

Ion Ratio Lower Upper

165 100

63 80.2 52.7 79.1#

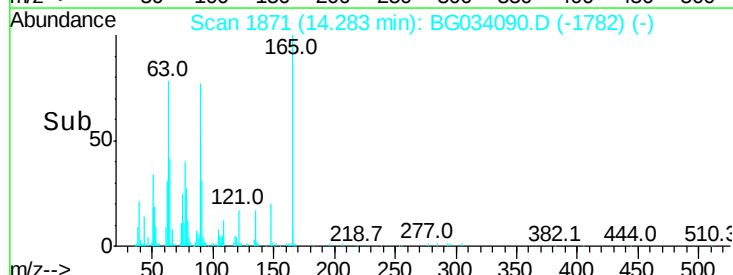
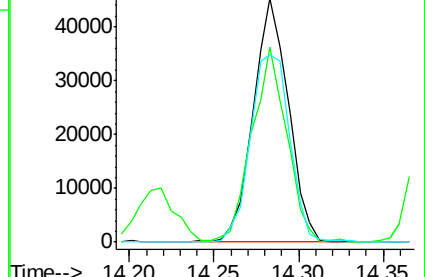
89 76.9 49.2 73.8#

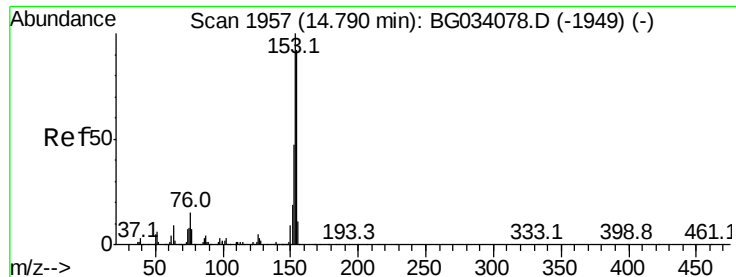


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 20.345 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

Instrument :

BNA_G

ClientSampleId :

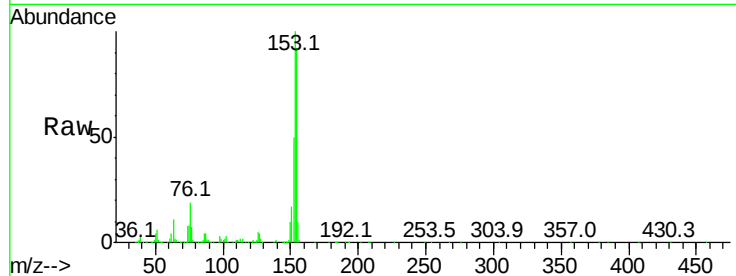
Tot Ion:154 Resp: 253350

Ion Ratio Lower Upper

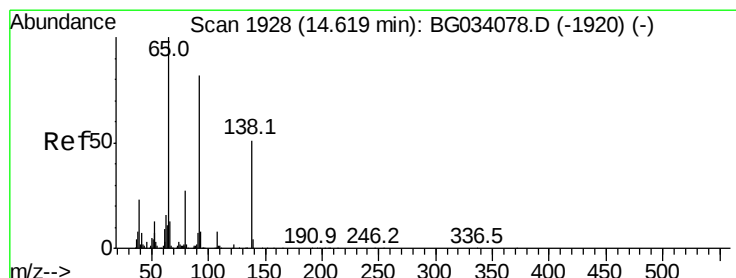
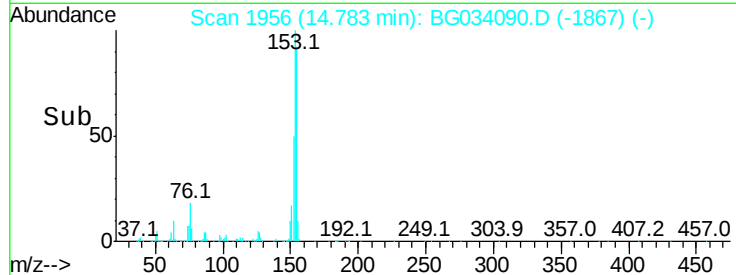
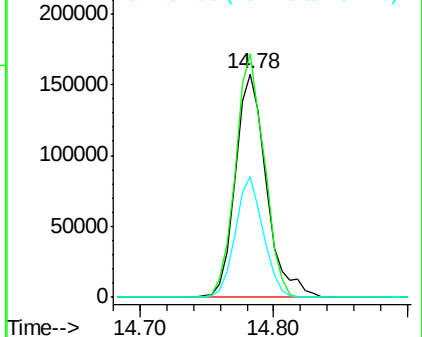
154 100

153 109.1 90.4 135.6

152 54.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.439 ng

RT: 14.61 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

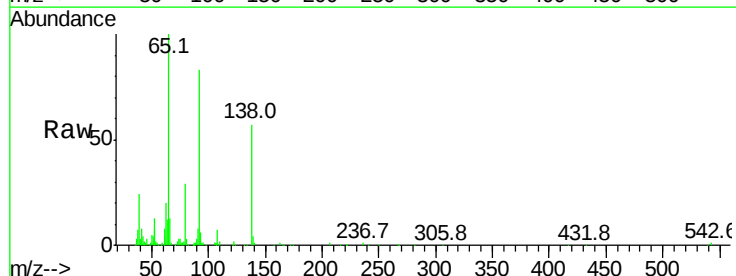
Tgt Ion:138 Resp: 69831

Ion Ratio Lower Upper

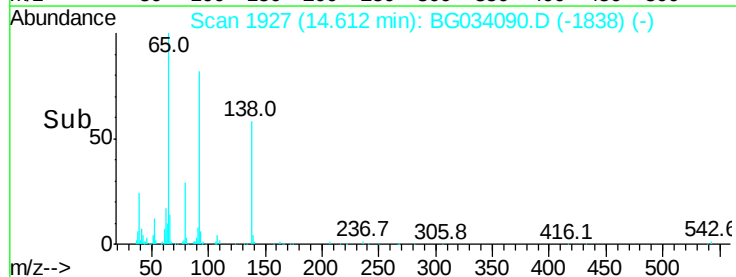
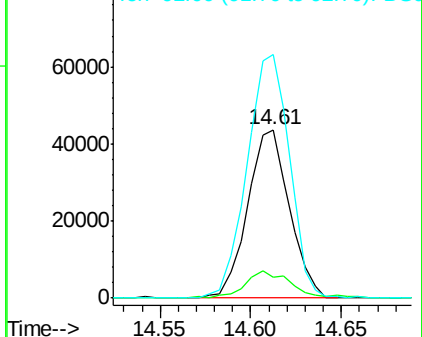
138 100

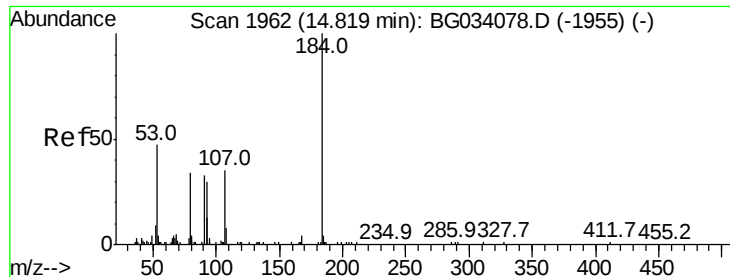
108 12.3 17.5 26.3#

92 144.7 105.8 158.8



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

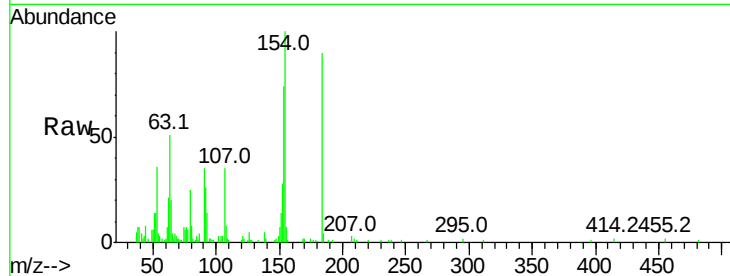




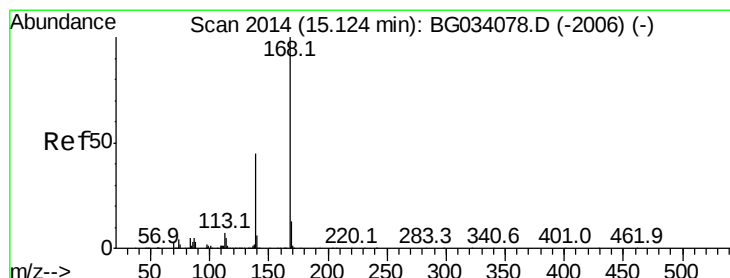
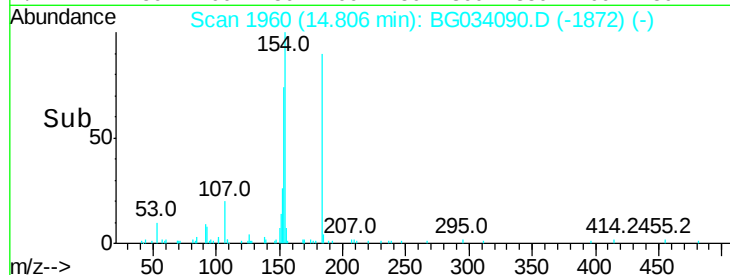
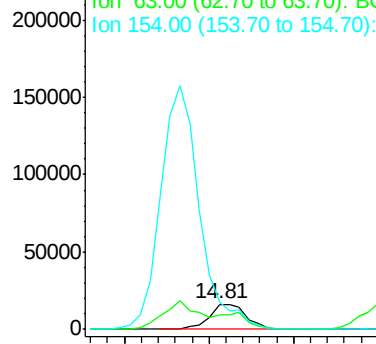
#53
2,4-Dinitrophenol
Concen: 19.427 ng
RT: 14.81 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG034090.D
Acq: 1 May 2018 22:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 24560
Ion Ratio Lower Upper
184 100
63 56.7 59.8 89.8#
154 111.3 101.8 152.8

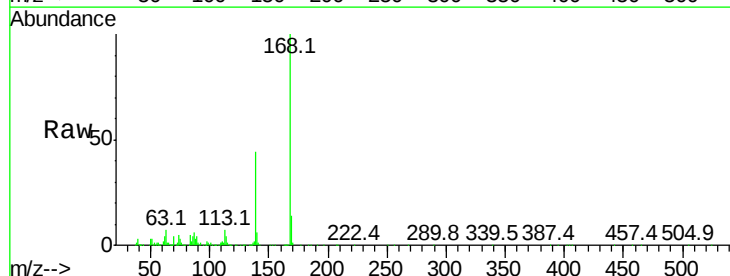


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

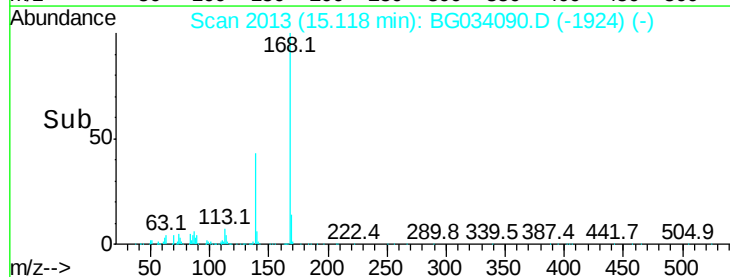
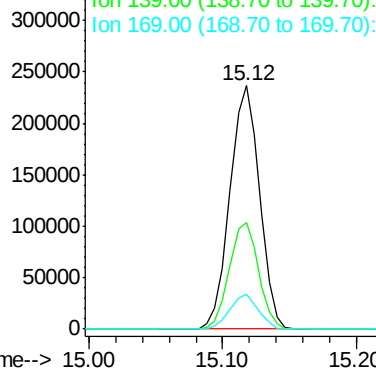


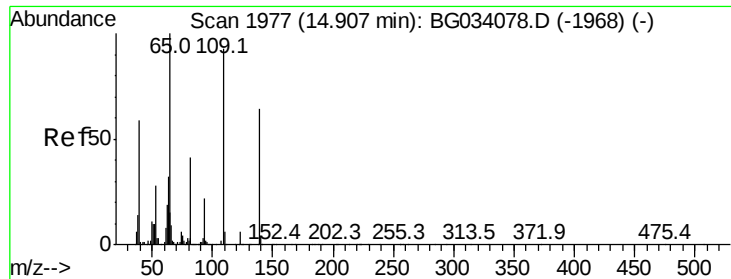
#54
Dibenzofuran
Concen: 20.037 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG034090.D
Acq: 1 May 2018 22:24

Tgt Ion:168 Resp: 361724
Ion Ratio Lower Upper
168 100
139 43.6 28.6 43.0#
169 14.5 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

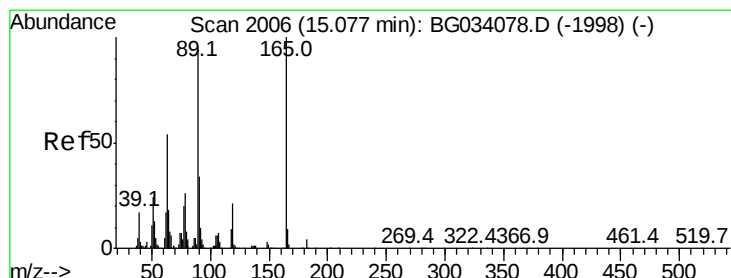
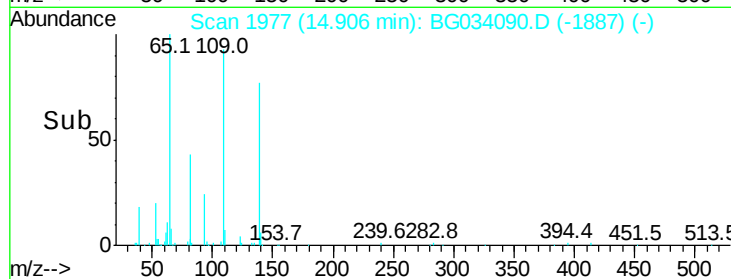
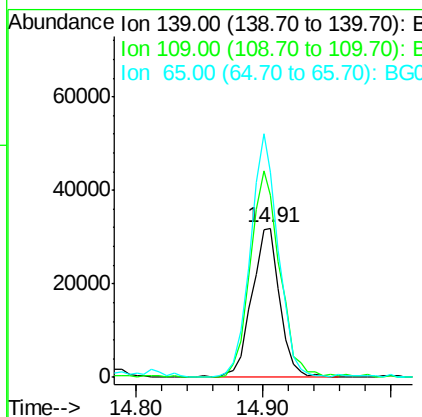
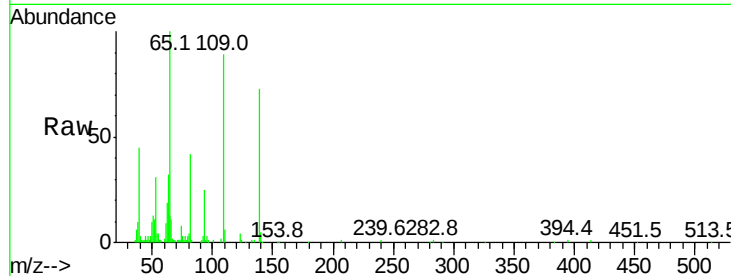




#55
4-Nitrophenol
Concen: 19.887 ng
RT: 14.91 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG034090.D
Acq: 1 May 2018 22:24

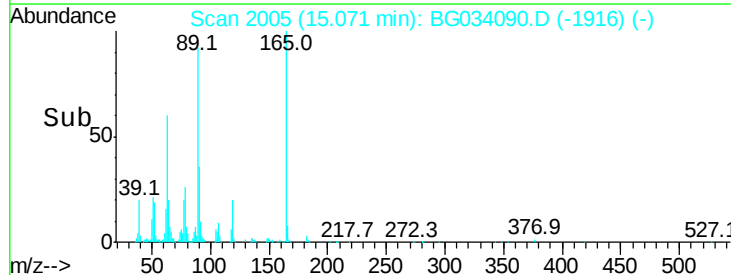
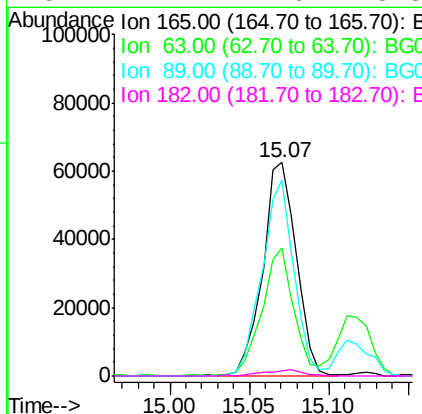
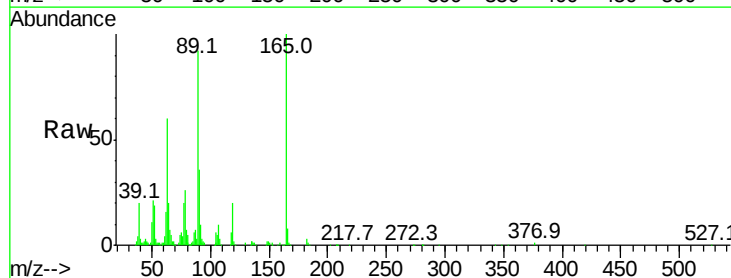
Instrument :
BNA_G
ClientSampleId :

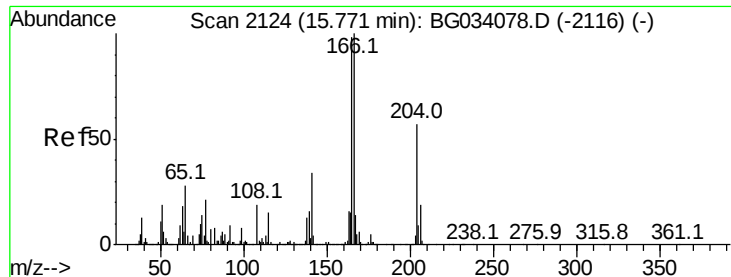
Tot Ion:139 Resp: 49442
Ion Ratio Lower Upper
139 100
109 122.4 62.2 102.2#
65 137.6 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 21.053 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG034090.D
Acq: 1 May 2018 22:24

Tgt Ion:165 Resp: 92377
Ion Ratio Lower Upper
165 100
63 59.7 42.0 63.0
89 91.9 66.9 100.3
182 2.7 2.6 3.8





#57

Fluorene

Concen: 19.969 ng

RT: 15.77 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

Instrument :

BNA_G

ClientSampled :

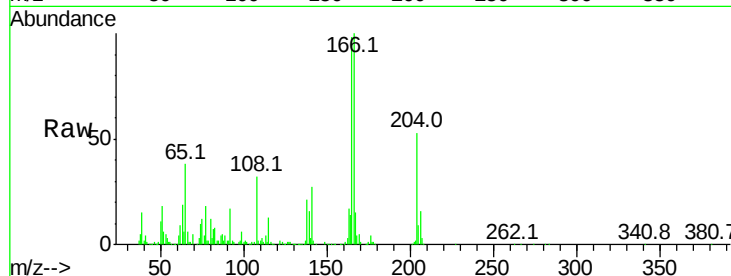
Tot Ion:166 Resp: 314209

Ion Ratio Lower Upper

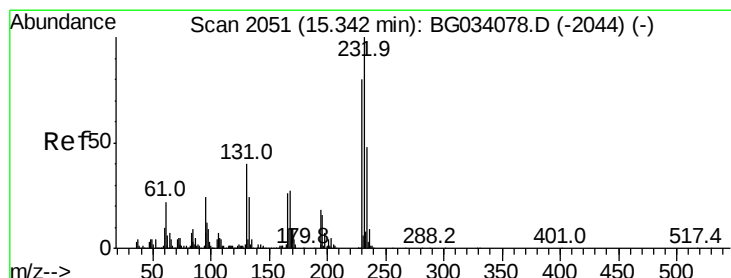
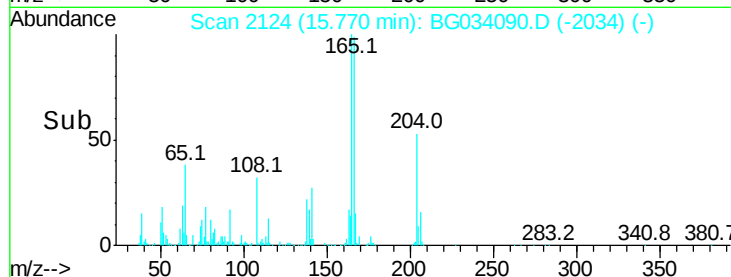
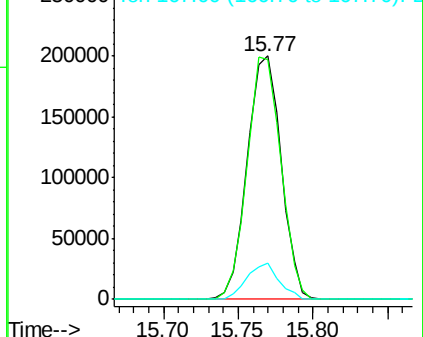
166 100

165 98.3 80.6 121.0

167 14.7 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 18.938 ng

RT: 15.33 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

Tgt Ion:232 Resp: 94484

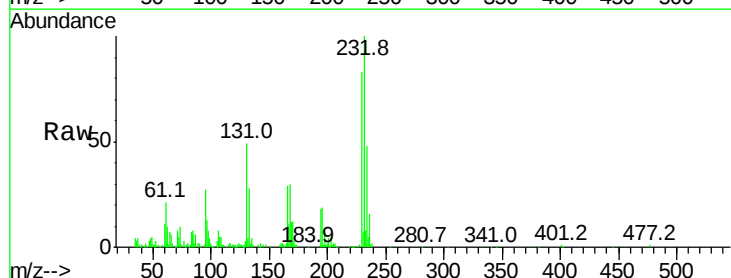
Ion Ratio Lower Upper

232 100

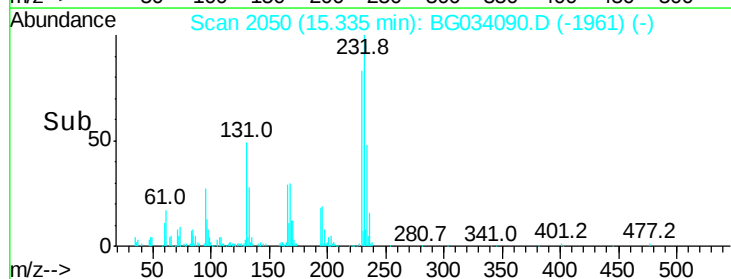
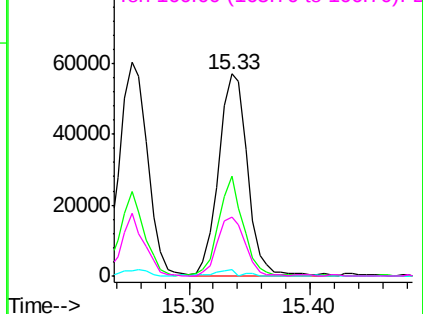
131 40.4 33.5 50.3

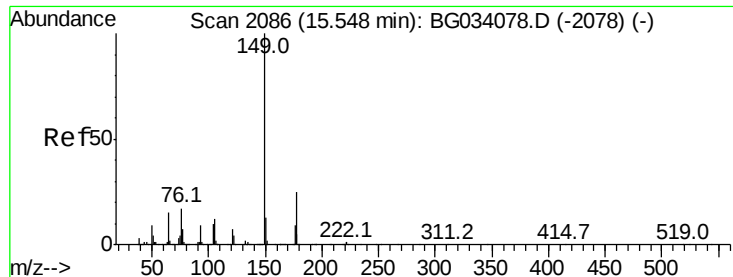
130 2.7 2.2 3.2

166 27.8 24.8 37.2



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 19.653 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

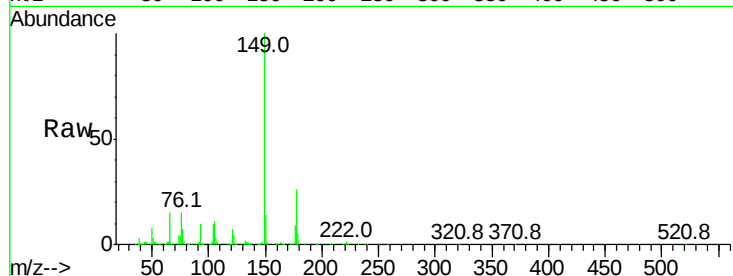
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 349927

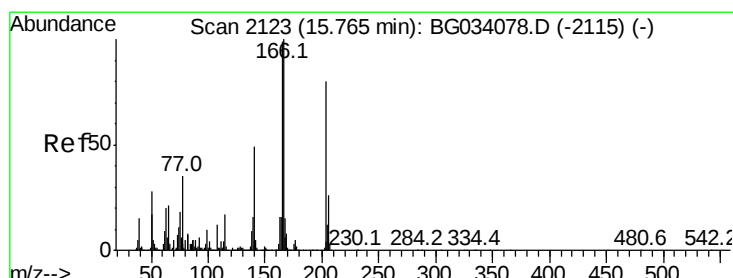
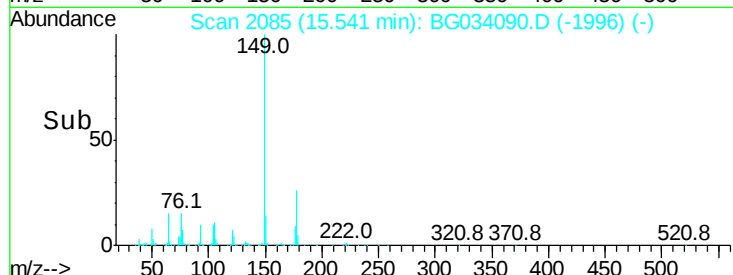
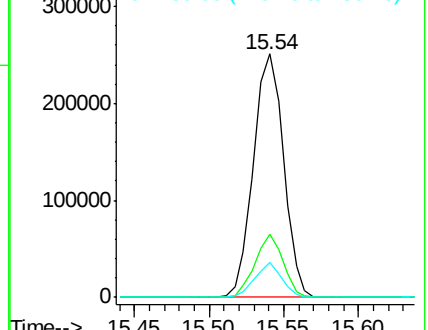
Ion	Ratio	Lower	Upper
149	100		
177	25.7	18.5	27.7
150	14.4	10.2	15.2



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: 20.663 ng

RT: 15.76 min Scan# 2123

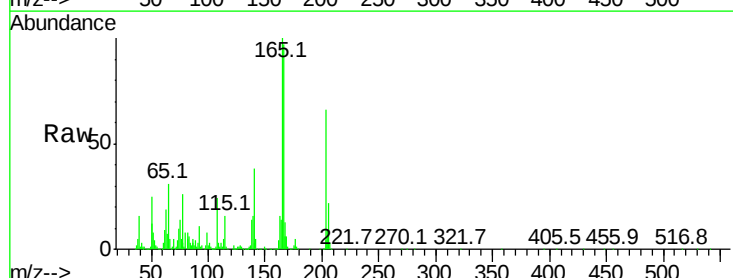
Delta R.T. -0.00 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

Tgt Ion:204 Resp: 193427

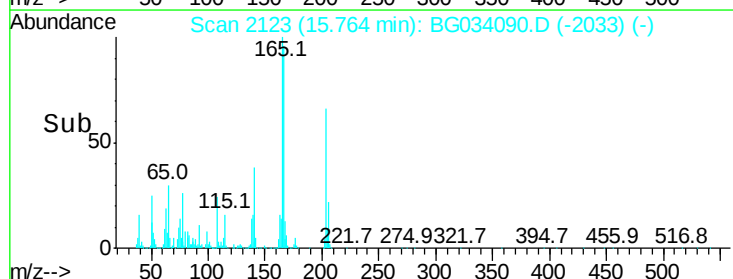
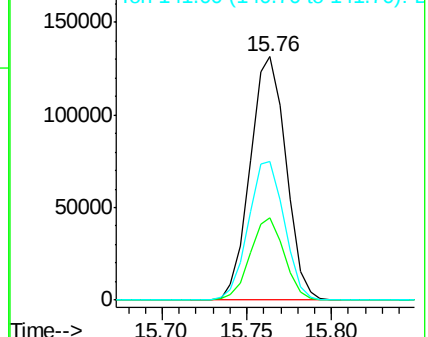
Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.2	39.2
141	57.1	45.8	68.6

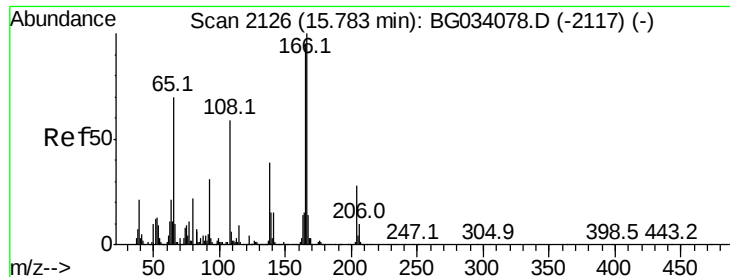


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

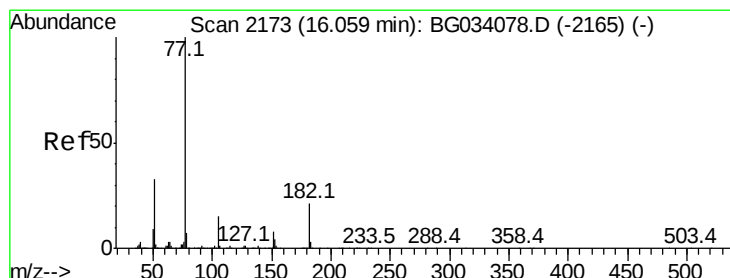
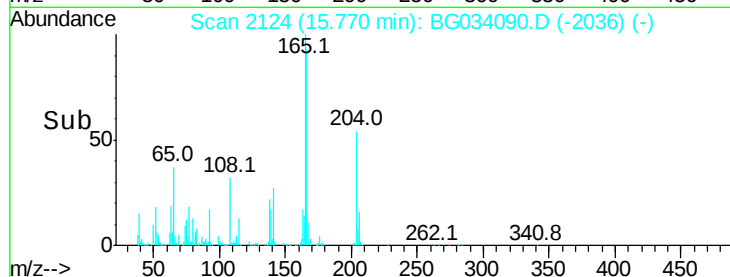
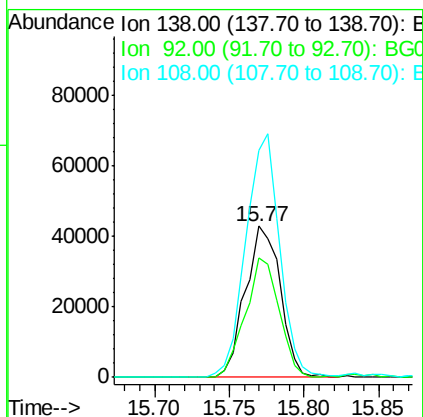
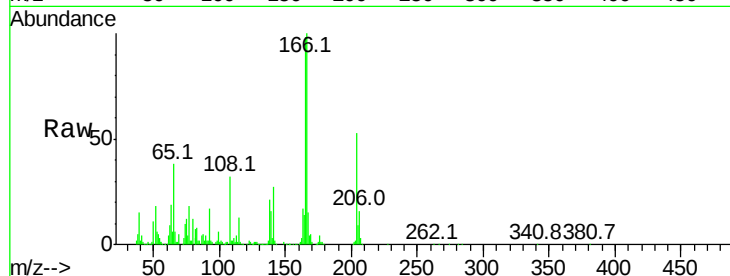




#61
4-Nitroaniline
Concen: 20.184 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG034090.D
Acq: 1 May 2018 22:24

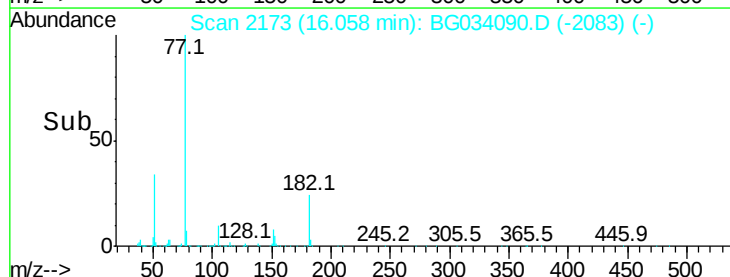
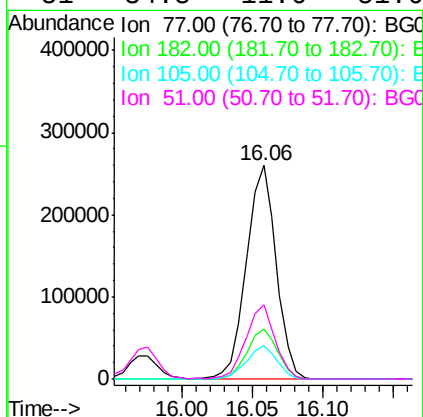
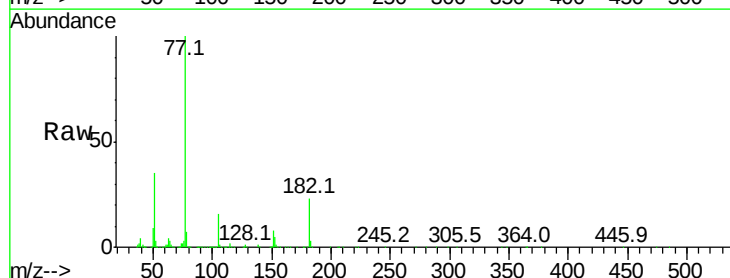
Instrument :
BNA_G
ClientSampled :

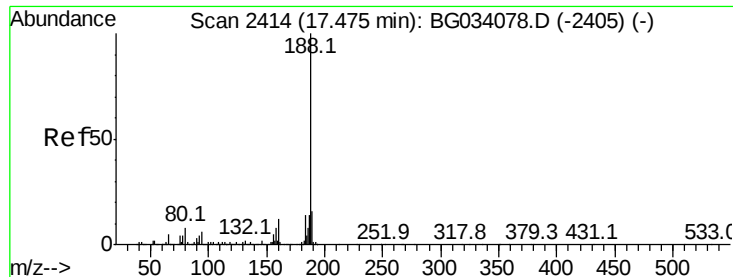
Tot Ion:138 Resp: 69737
Ion Ratio Lower Upper
138 100
92 79.1 40.1 80.1
108 149.9 65.4 105.4#



#62
Azobenzene
Concen: 19.981 ng
RT: 16.06 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG034090.D
Acq: 1 May 2018 22:24

Tgt Ion: 77 Resp: 384311
Ion Ratio Lower Upper
77 100
182 23.1 7.4 47.4
105 15.6 0.3 40.3
51 34.8 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

Instrument :

BNA_G

ClientSampleId :

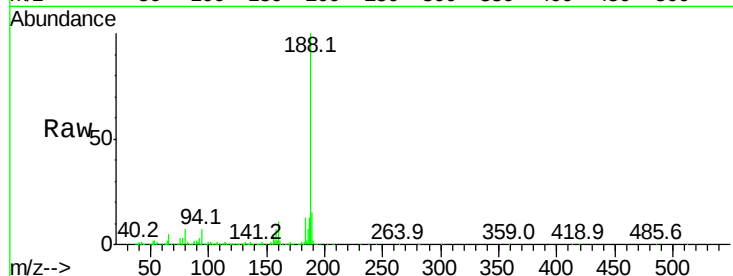
Tot Ion:188 Resp: 521162

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

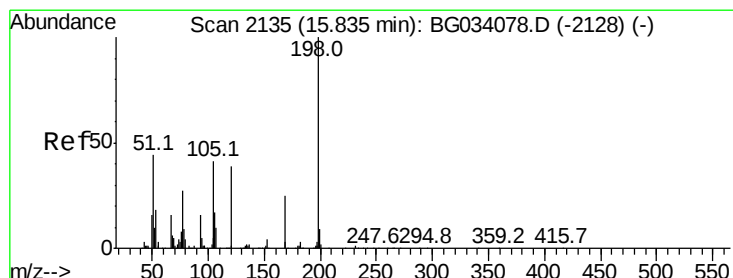
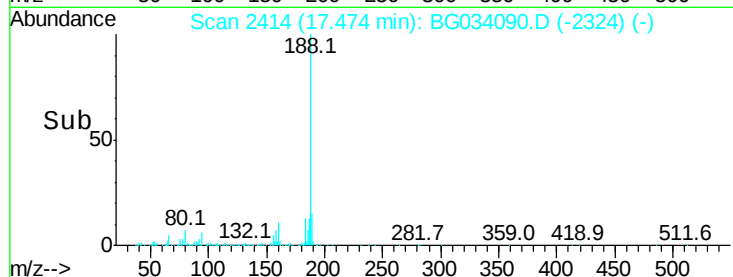
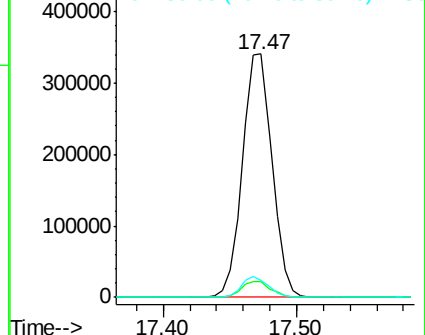
80 7.0 7.7 11.5#



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: 17.893 ng

RT: 15.83 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

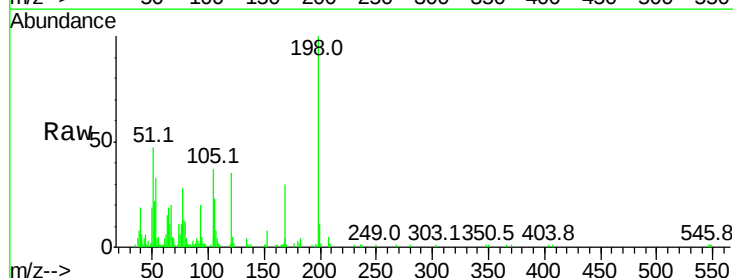
Tgt Ion:198 Resp: 43845

Ion Ratio Lower Upper

198 100

51 46.6 30.6 70.6

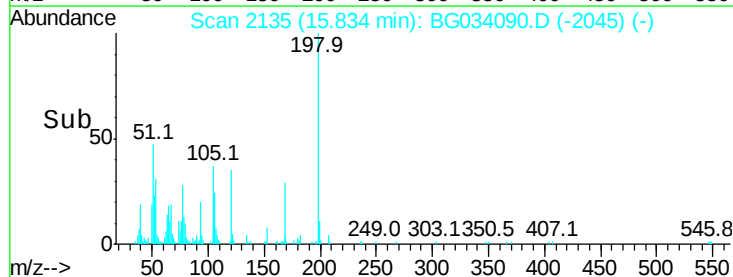
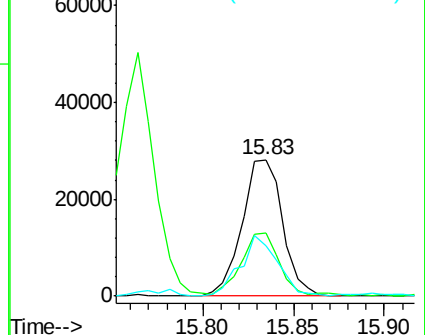
105 37.1 23.8 63.8

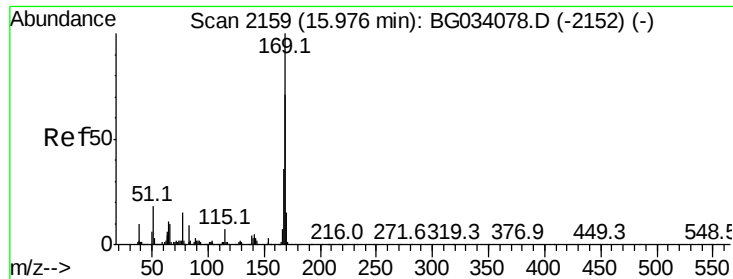


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 19.768 ng

RT: 15.98 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

Instrument :

BNA_G

ClientSampleId :

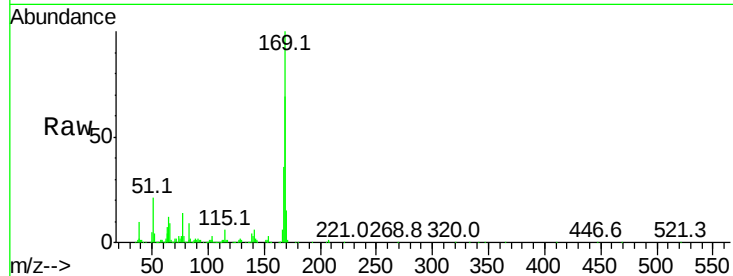
Tot Ion:169 Resp: 280915

Ion Ratio Lower Upper

169 100

168 68.8 55.7 83.5

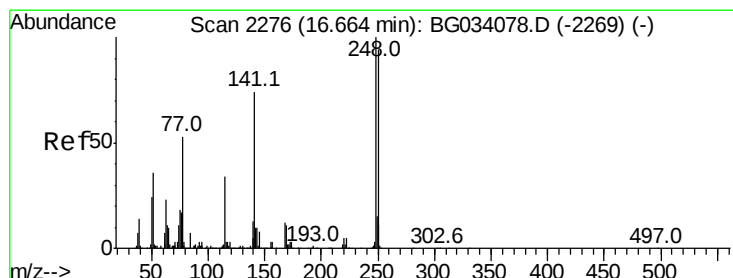
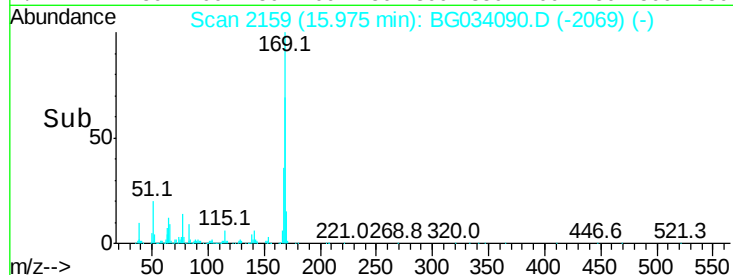
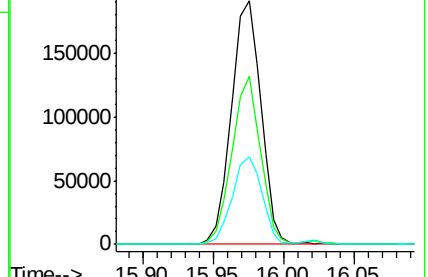
167 35.8 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 18.310 ng

RT: 16.66 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

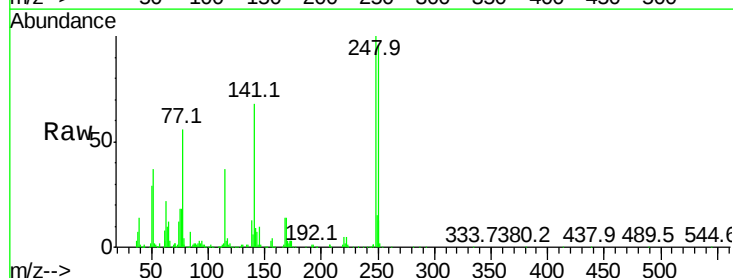
Tgt Ion:248 Resp: 118476

Ion Ratio Lower Upper

248 100

250 96.1 77.1 115.7

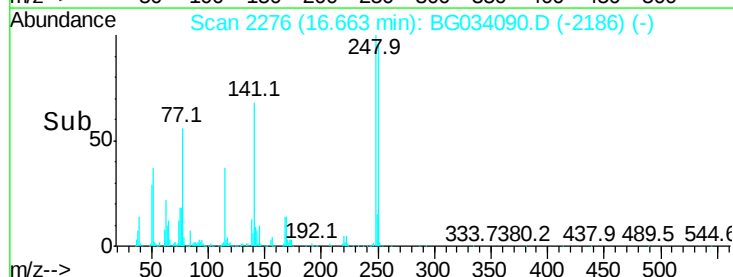
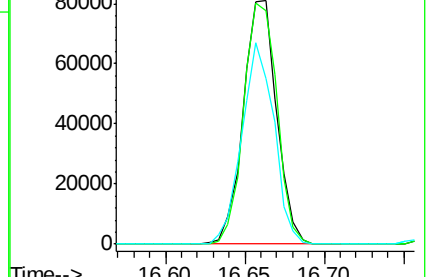
141 68.0 50.8 76.2

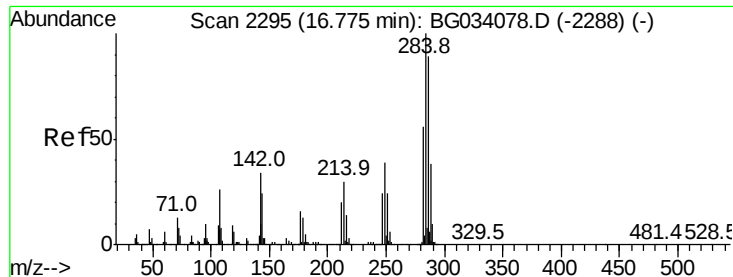


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 19.850 ng

RT: 16.77 min Scan# 2294

Delta R.T. -0.01 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

Instrument :

BNA_G

ClientSampleId :

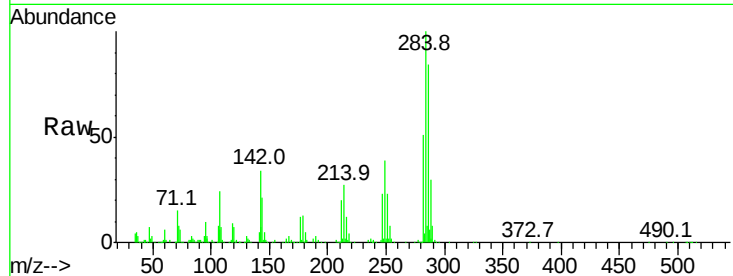
Tot Ion:284 Resp: 130382

Ion Ratio Lower Upper

284 100

142 34.1 26.8 40.2

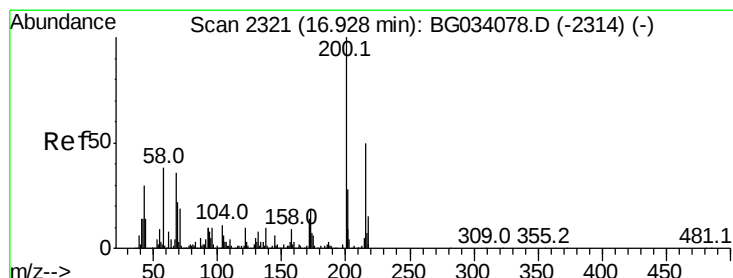
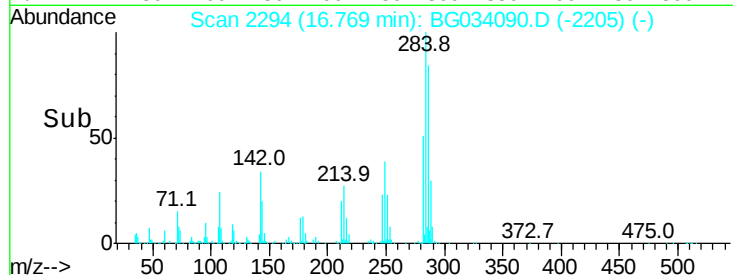
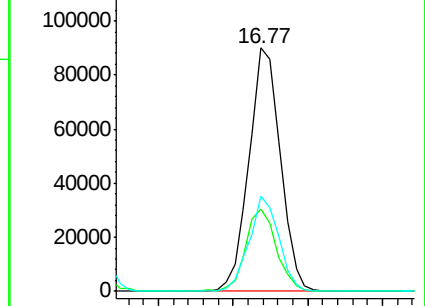
249 38.9 26.3 39.5



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: 11.443 ng

RT: 16.92 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

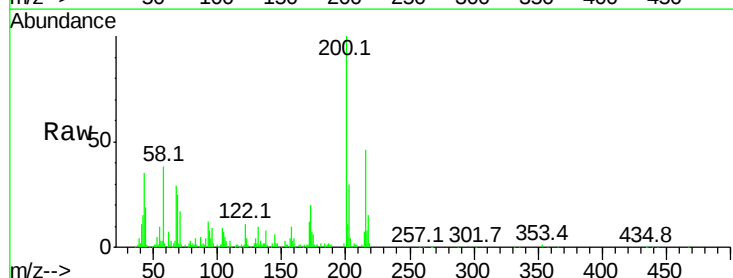
Tgt Ion:200 Resp: 85626

Ion Ratio Lower Upper

200 100

173 19.7 5.2 45.2

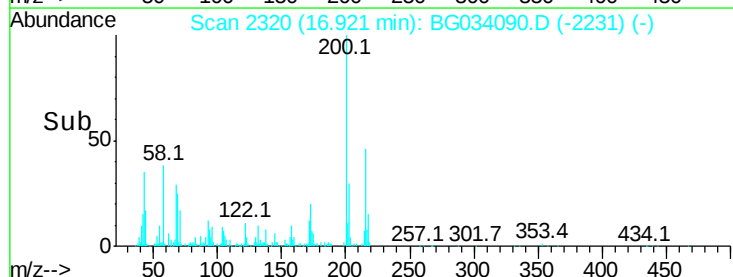
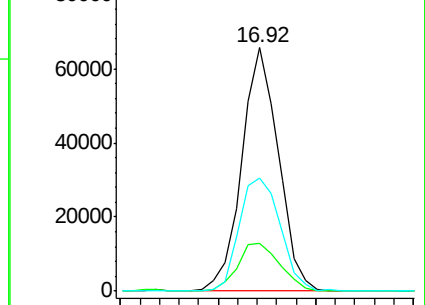
215 46.3 30.4 70.4

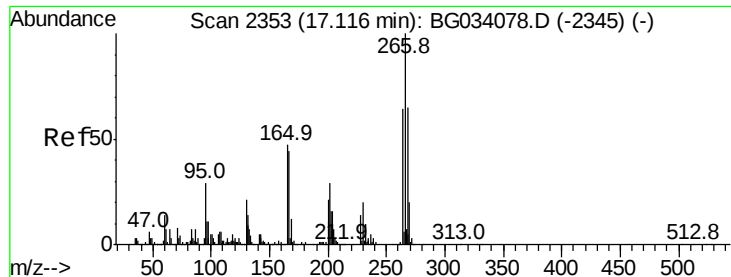


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

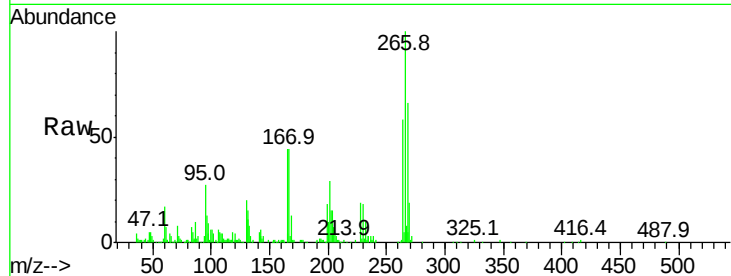




#69
 Pentachlorophenol
 Concen: 18.497 ng
 RT: 17.11 min Scan# 2352
 Delta R.T. -0.01 min
 Lab File: BG034090.D
 Acq: 1 May 2018 22:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.0	51.1	76.7
264	57.5	49.6	74.4

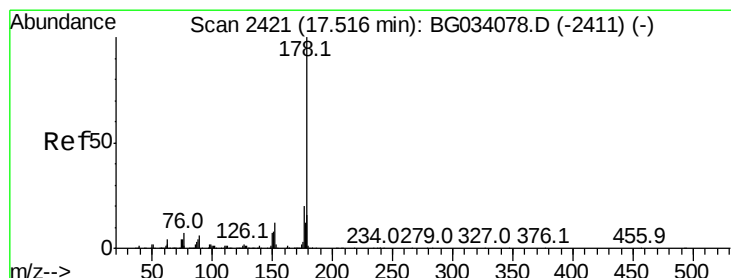
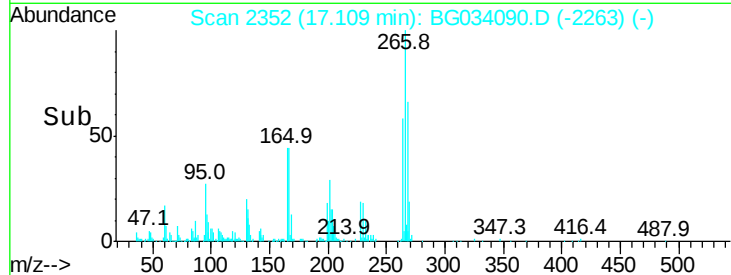
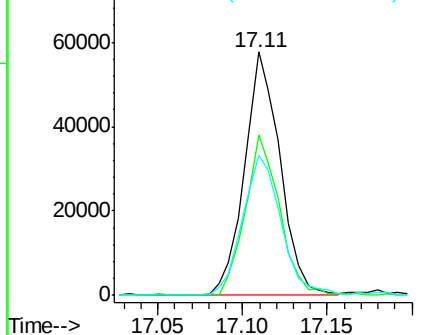


Abundance

Ion 265.70 (265.40 to 266.40): E

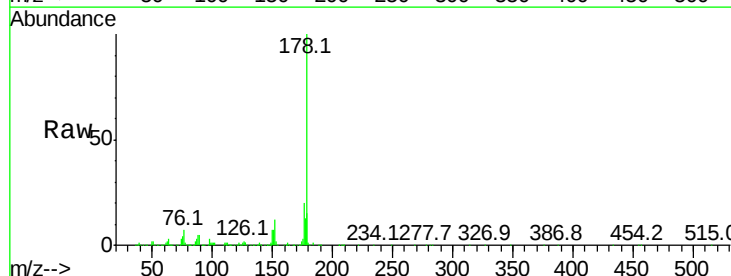
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 19.882 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BG034090.D
 Acq: 1 May 2018 22:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	15.0	12.5	18.7

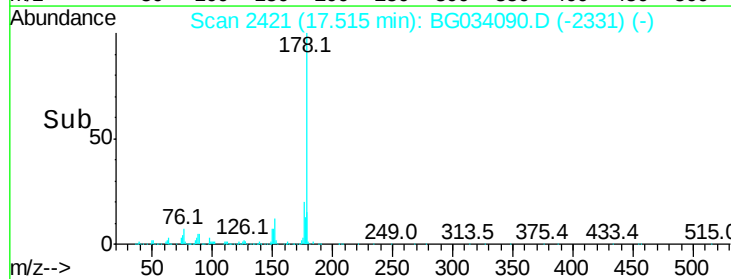
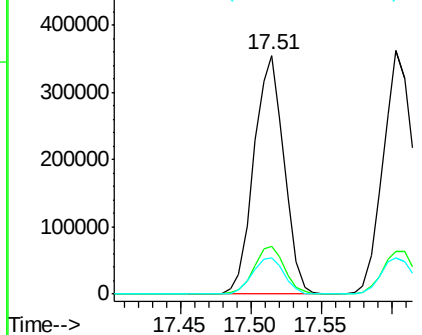


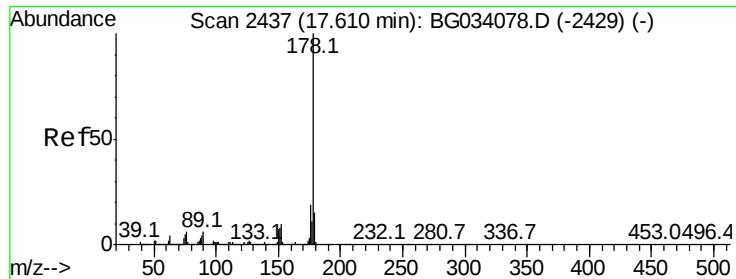
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 19.738 ng

RT: 17.60 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

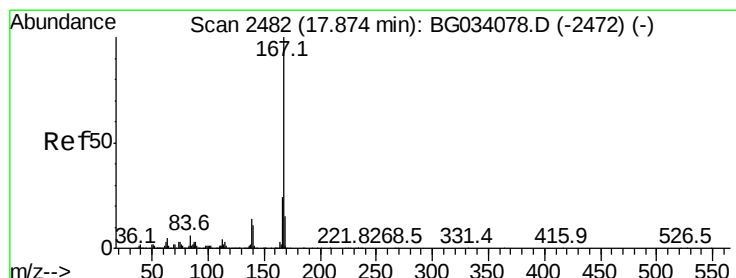
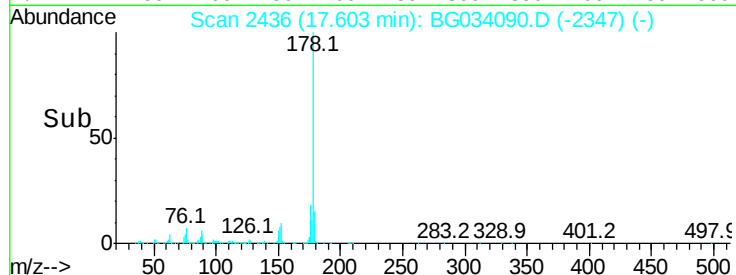
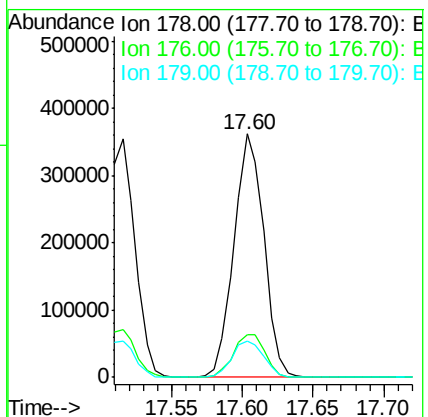
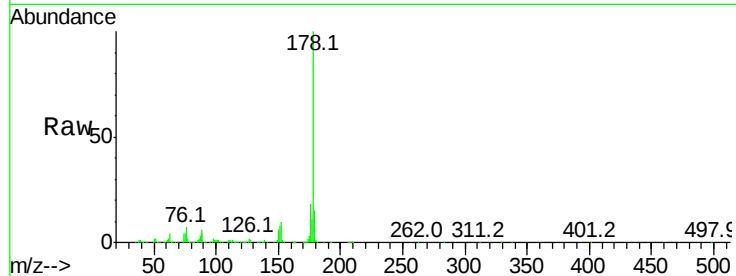
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 535718

Ion	Ratio	Lower	Upper
178	100		
176	17.8	16.0	24.0
179	14.8	12.5	18.7



#72

Carbazole

Concen: 19.683 ng

RT: 17.87 min Scan# 2481

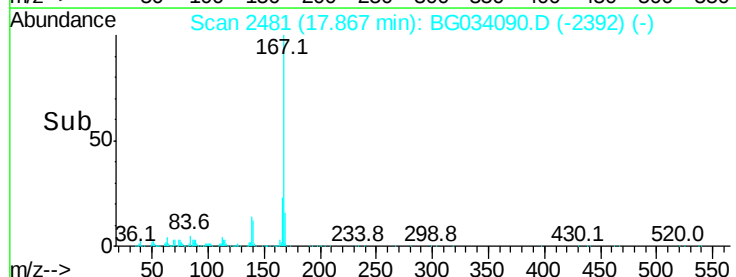
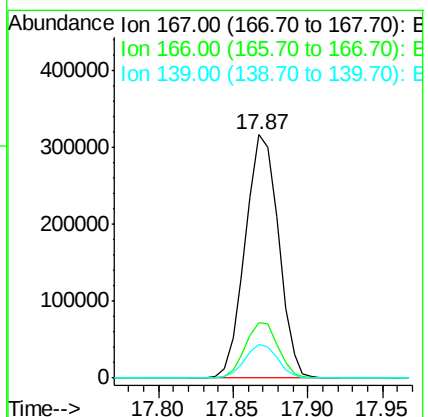
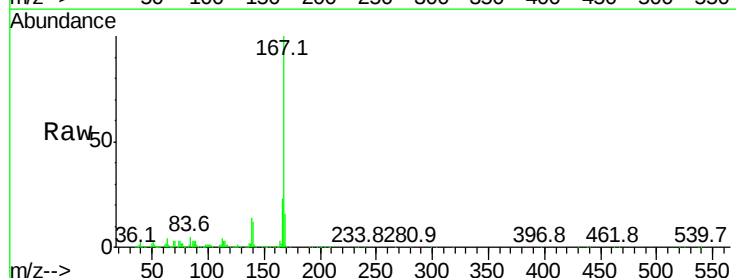
Delta R.T. -0.01 min

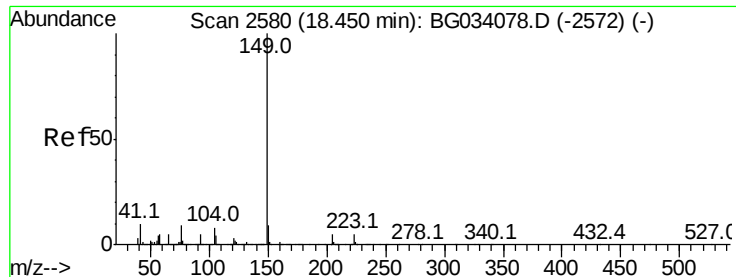
Lab File: BG034090.D

Acq: 1 May 2018 22:24

Tgt Ion:167 Resp: 489041

Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.4
139	13.8	9.4	14.2





#73

Di-n-butylphthalate

Concen: 19.586 ng

RT: 18.44 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

Instrument :

BNA_G

ClientSampleId :

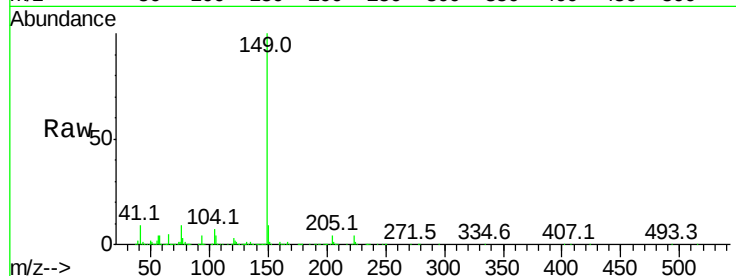
Tot Ion:149 Resp: 585731

Ion Ratio Lower Upper

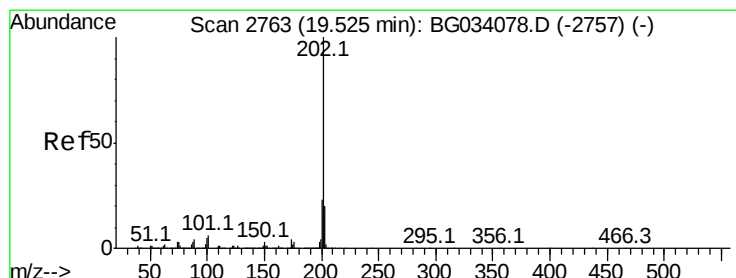
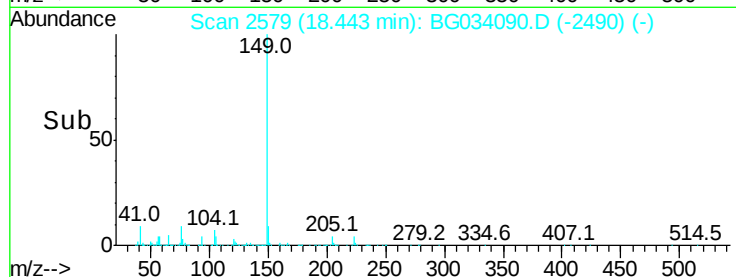
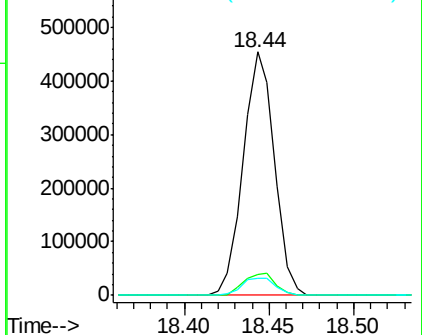
149 100

150 8.6 7.8 11.6

104 6.9 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: 20.035 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

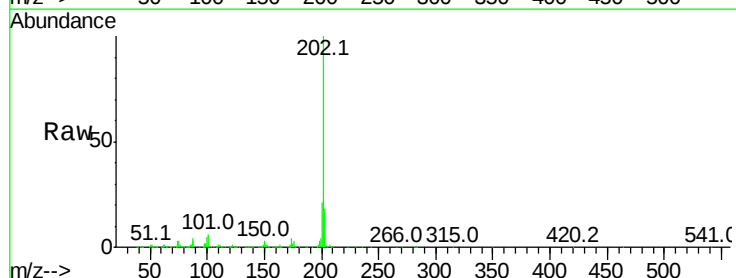
Tgt Ion:202 Resp: 677978

Ion Ratio Lower Upper

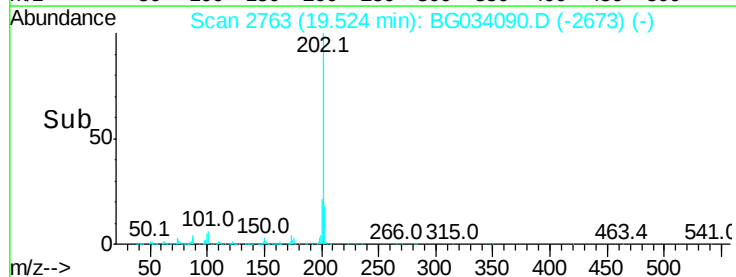
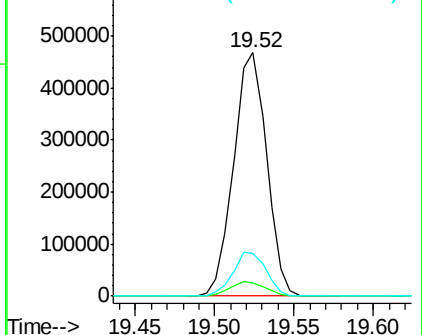
202 100

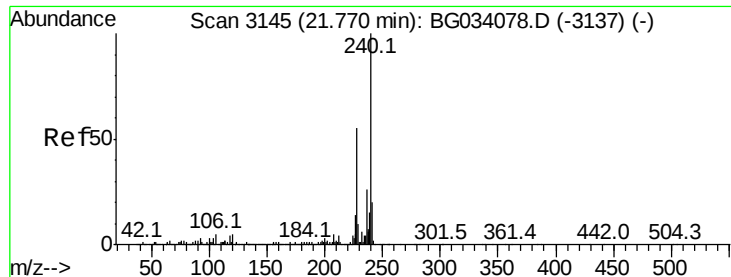
101 5.6 0.0 28.9

203 17.8 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: BG034090.D

Acq: 1 May 2018 22:24

Instrument :

BNA_G

ClientSampleId :

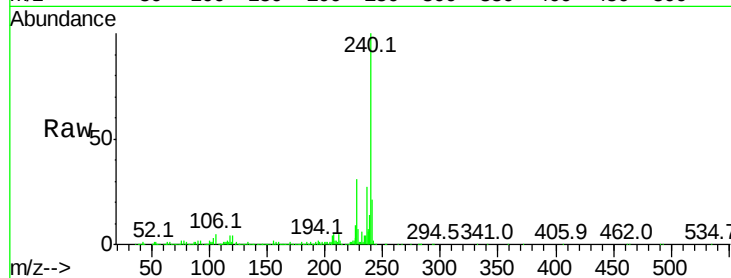
Tot Ion:240 Resp: 559835

Ion Ratio Lower Upper

240 100

120 4.4 6.8 10.2#

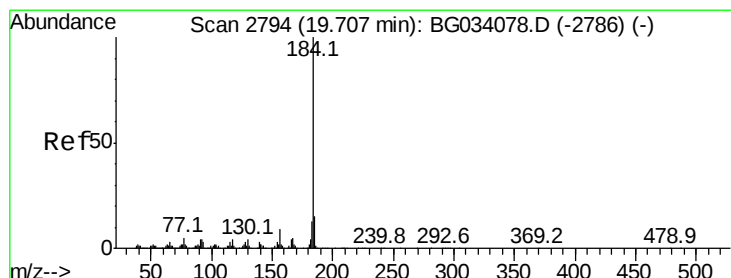
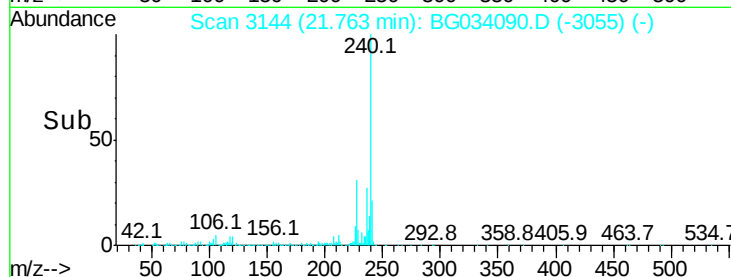
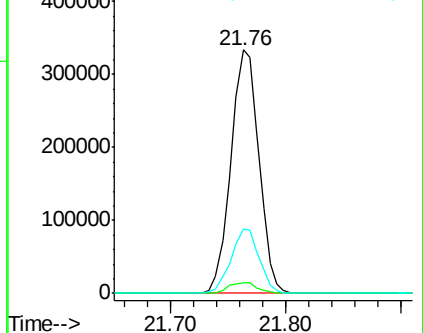
236 26.7 20.9 31.3



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: 17.256 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

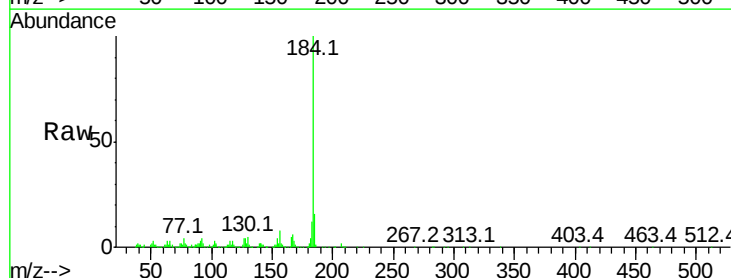
Tgt Ion:184 Resp: 248853

Ion Ratio Lower Upper

184 100

185 15.7 11.1 16.7

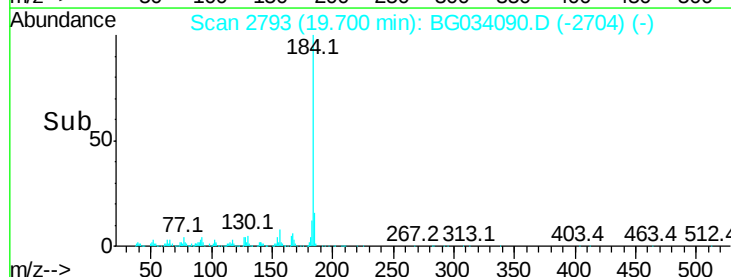
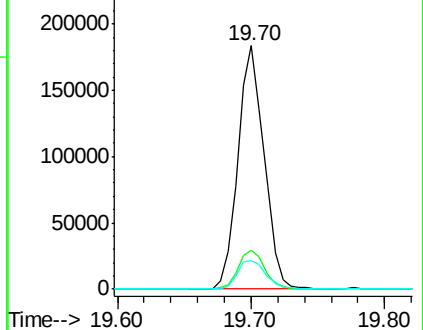
183 11.9 10.6 16.0

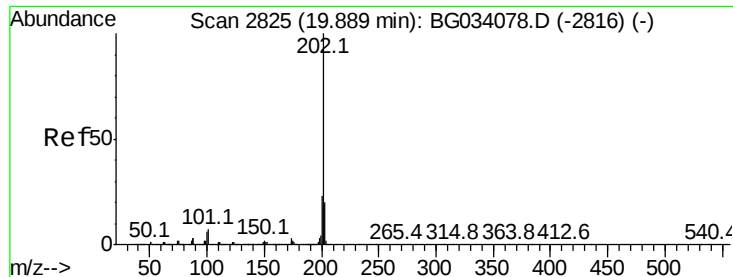


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 19.901 ng

RT: 19.88 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BG034090.D

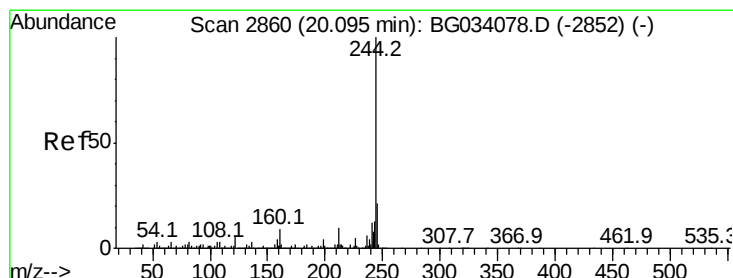
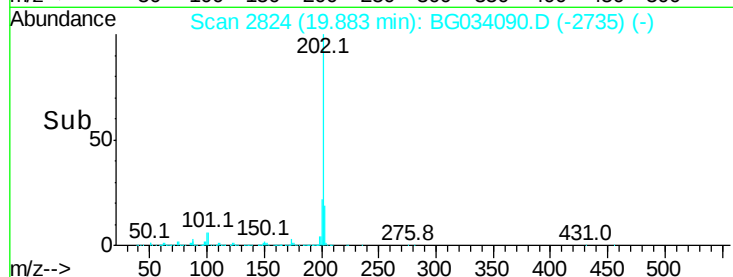
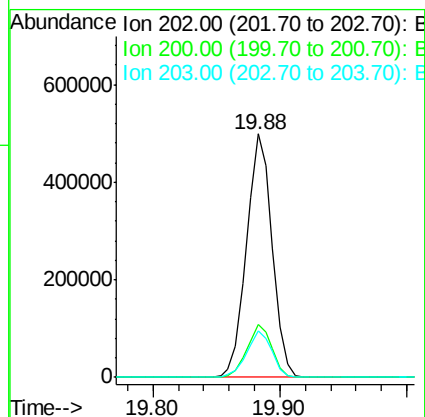
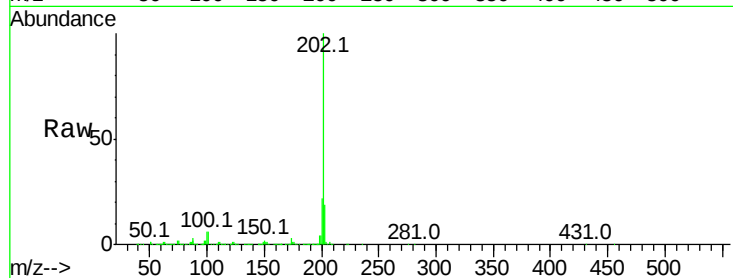
Acq: 1 May 2018 22:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	698018
Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	19.2	13.9	20.9



#78

Terphenyl-d14

Concen: 83.336 ng

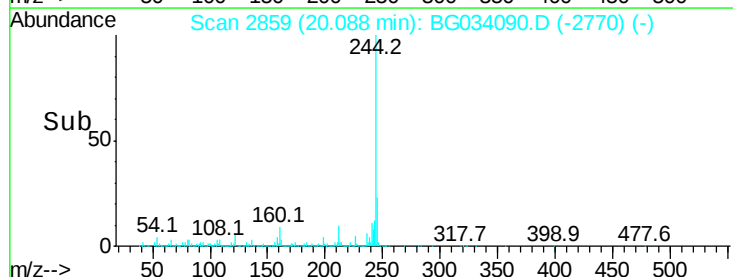
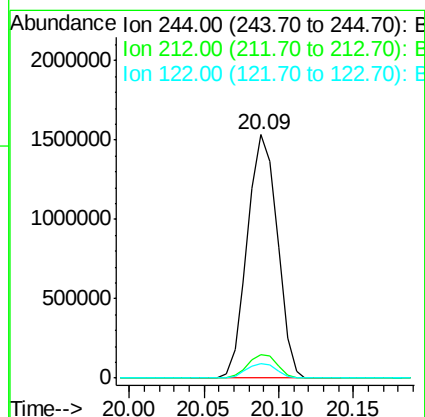
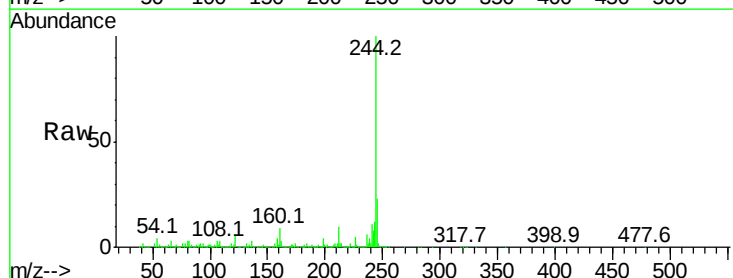
RT: 20.09 min Scan# 2859

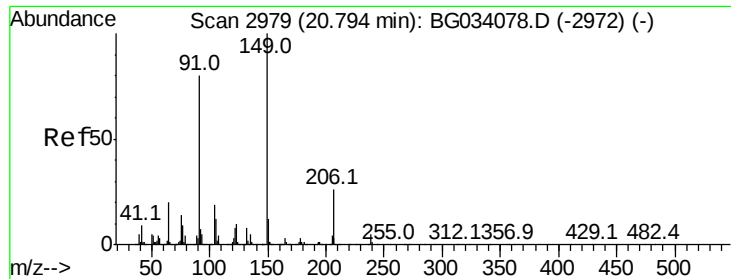
Delta R.T. -0.01 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

Tgt Ion:	244	Resp:	2129682
Ion	Ratio	Lower	Upper
244	100		
212	9.8	5.8	8.8#
122	6.2	7.0	10.4#

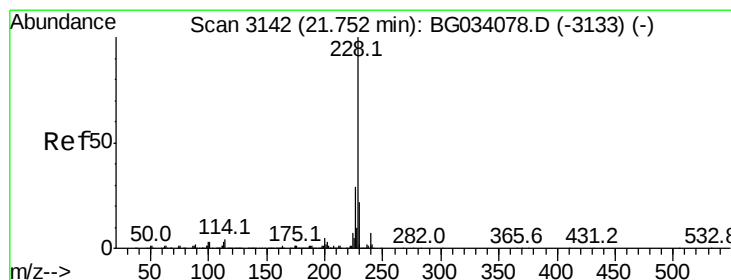
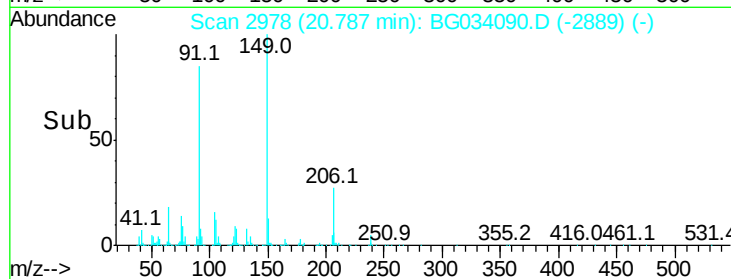
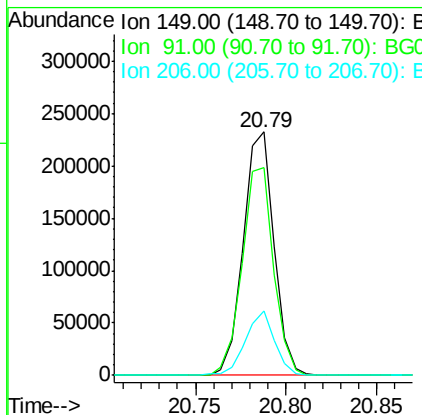
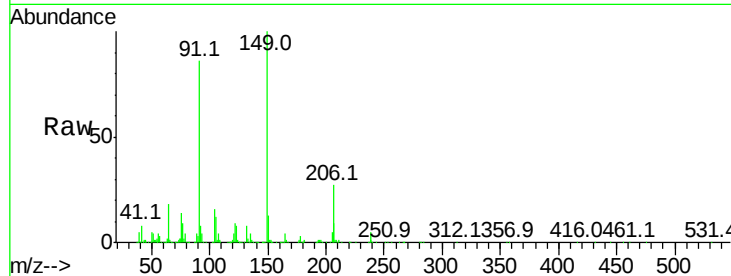




#79
Butylbenzylphthalate
Concen: 19.965 ng
RT: 20.79 min Scan# 2978
Delta R.T. -0.01 min
Lab File: BG034090.D
Acq: 1 May 2018 22:24

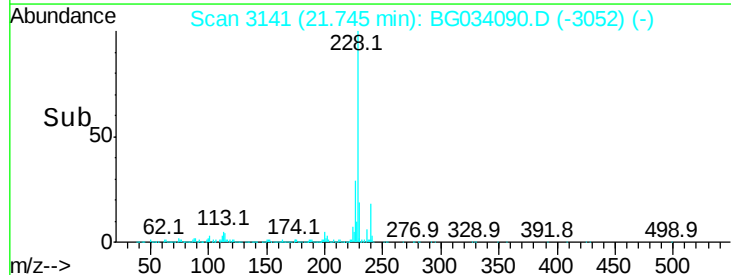
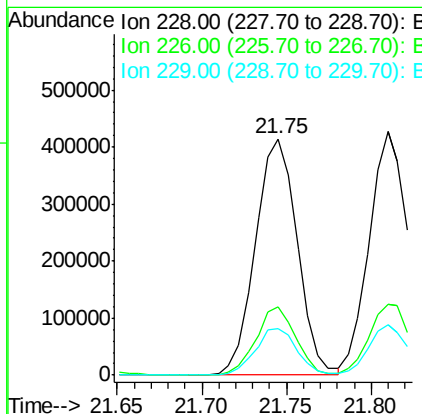
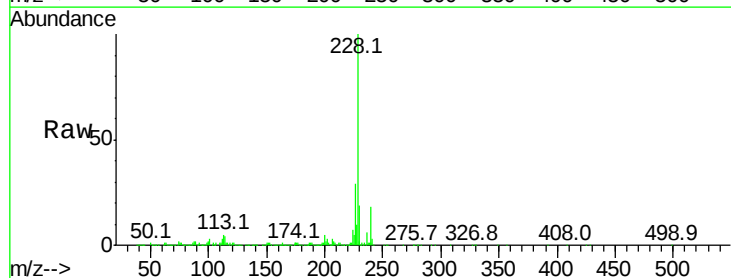
Instrument :
BNA_G
ClientSampleId :

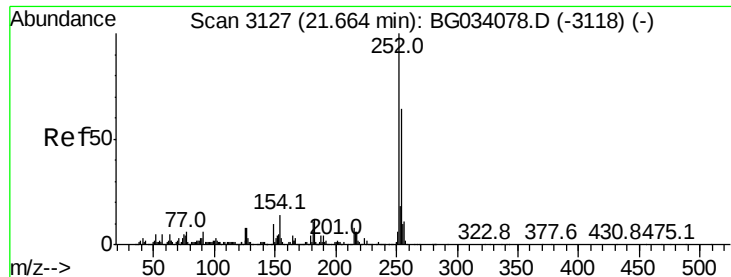
Tot Ion	Ratio	Lower	Upper
149	100		
91	85.6	62.2	93.2
206	26.7	18.6	27.8



#80
Benzo(a)anthracene
Concen: 19.893 ng
RT: 21.75 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG034090.D
Acq: 1 May 2018 22:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	19.5	16.2	24.2

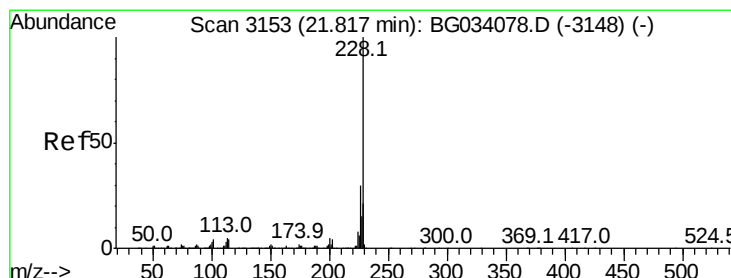
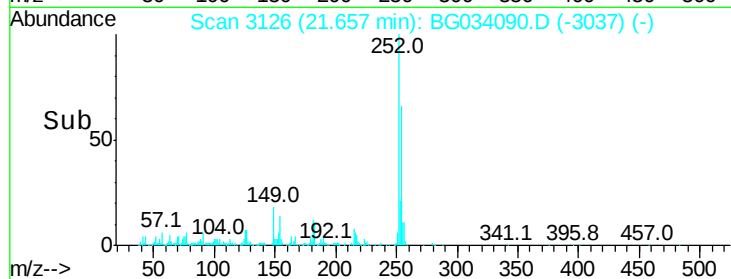
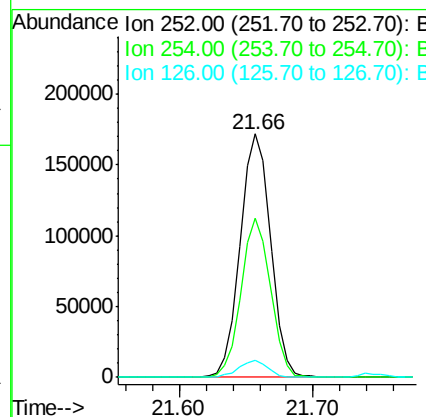
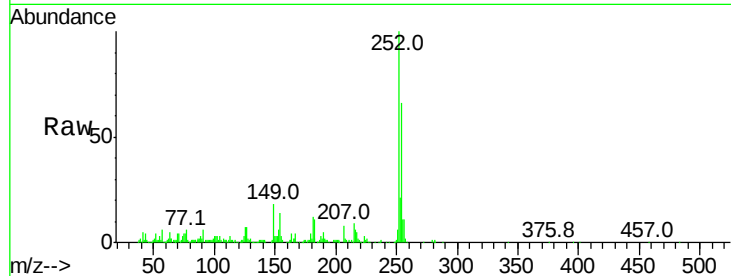




#81
 3,3'-Dichlorobenzidine
 Concen: 19.985 ng
 RT: 21.66 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG034090.D
 Acq: 1 May 2018 22:24

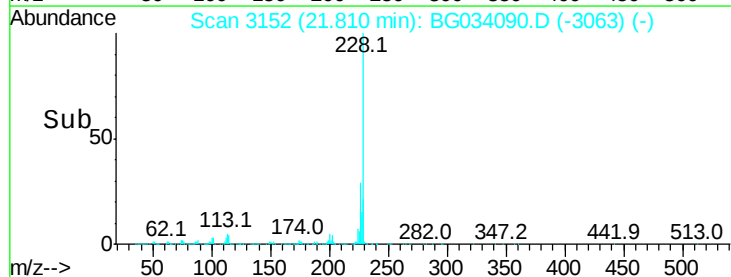
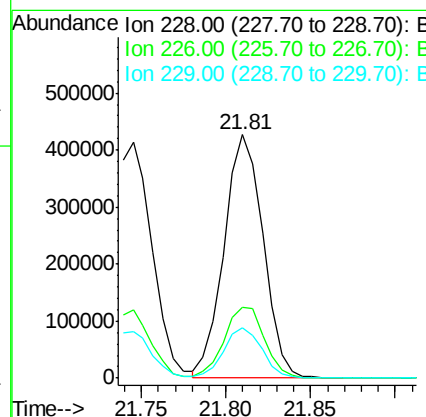
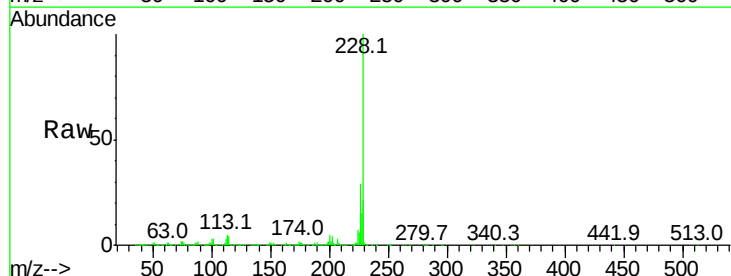
Instrument :
 BNA_G
 ClientSampled :

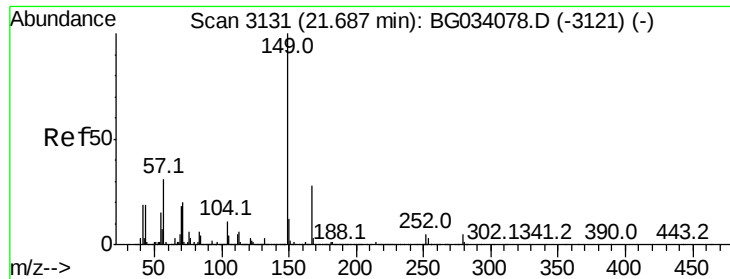
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	50.8	76.2
126	7.2	7.4	11.2#



#82
 Chrysene
 Concen: 19.995 ng
 RT: 21.81 min Scan# 3152
 Delta R.T. -0.01 min
 Lab File: BG034090.D
 Acq: 1 May 2018 22:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.9	37.3
229	20.7	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 20.035 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

Instrument :

BNA_G

ClientSampleId :

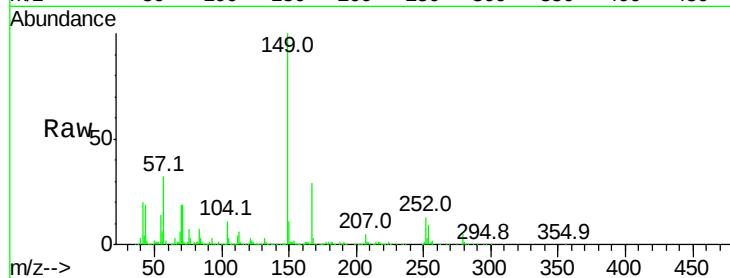
Tot Ion:149 Resp: 377553

Ion Ratio Lower Upper

149 100

167 29.3 24.3 36.5

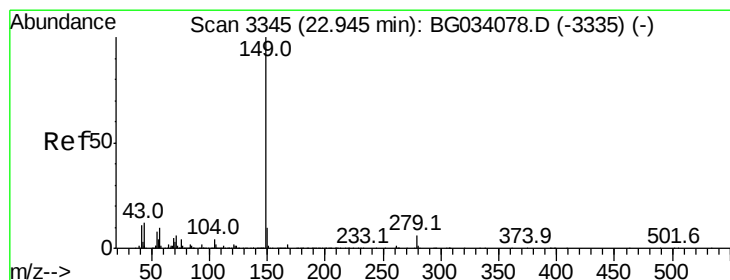
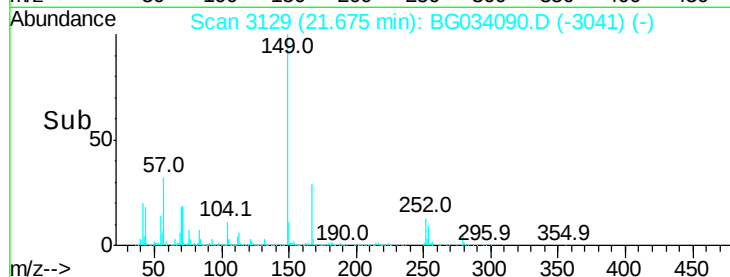
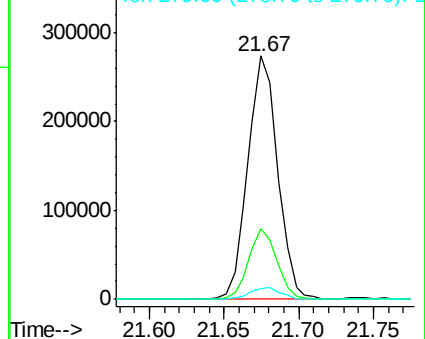
279 4.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 20.238 ng

RT: 22.93 min Scan# 3343

Delta R.T. -0.01 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

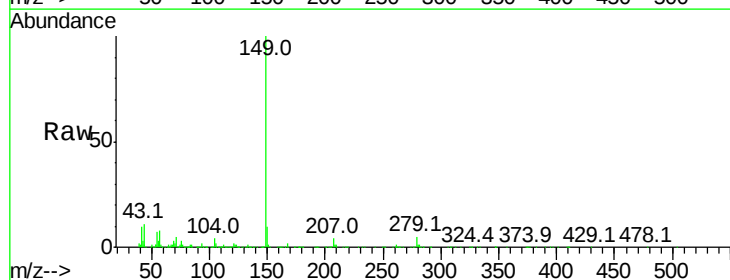
Tgt Ion:149 Resp: 609143

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

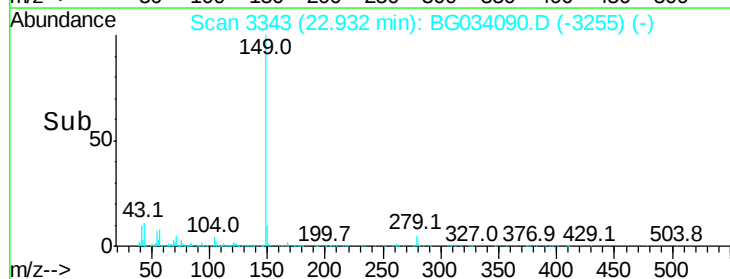
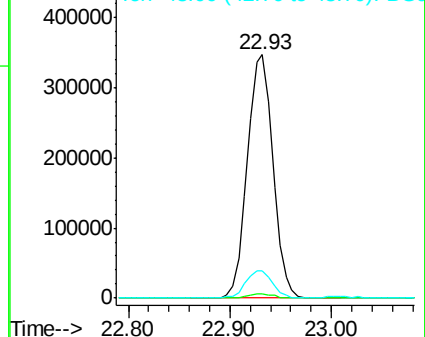
43 11.6 8.9 13.3

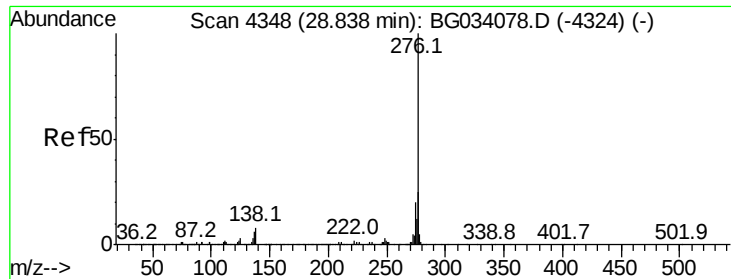


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

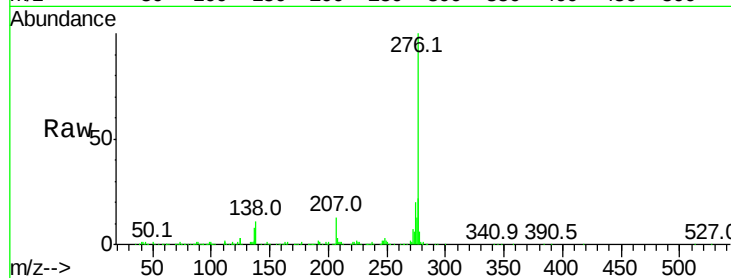




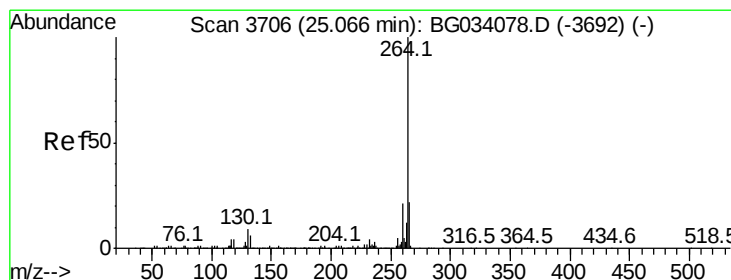
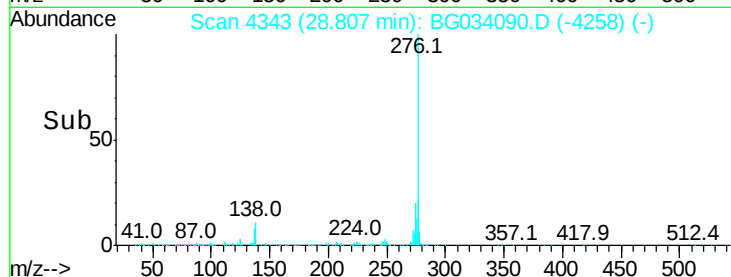
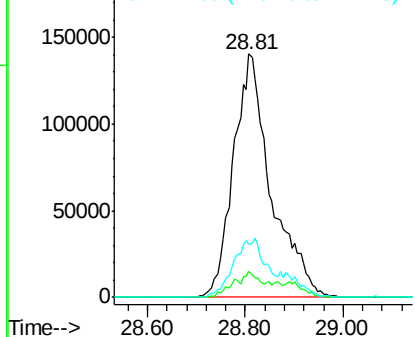
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 19.917 ng
 RT: 28.81 min Scan# 4343
 Delta R.T. -0.03 min
 Lab File: BG034090.D
 Acq: 1 May 2018 22:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.2	16.0	24.0#
277	10.8	20.0	30.0#

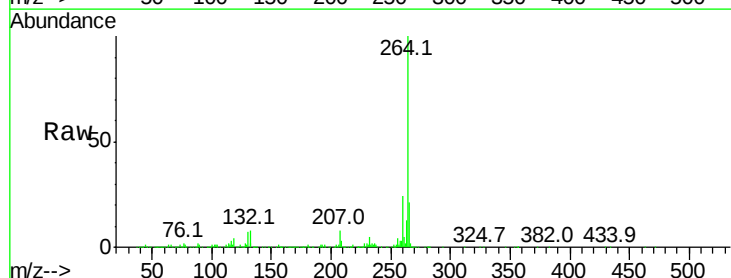


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

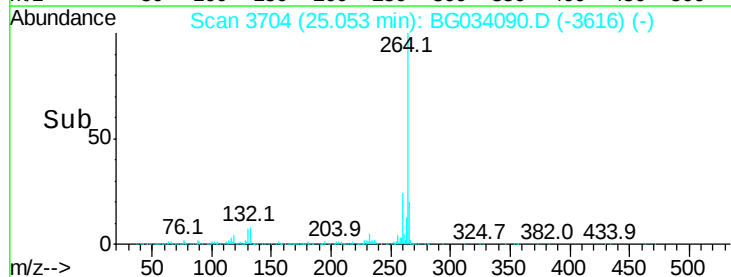
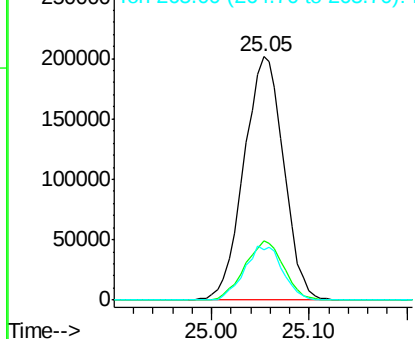


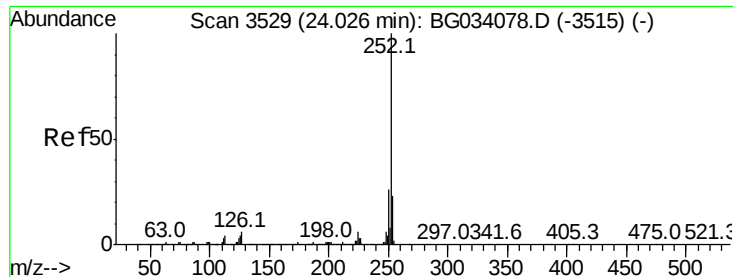
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.05 min Scan# 3704
 Delta R.T. -0.01 min
 Lab File: BG034090.D
 Acq: 1 May 2018 22:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	20.6	17.7	26.5



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





#87

Benzo(b)fluoranthene

Concen: 19.736 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.01 min

Lab File: BG034090.D

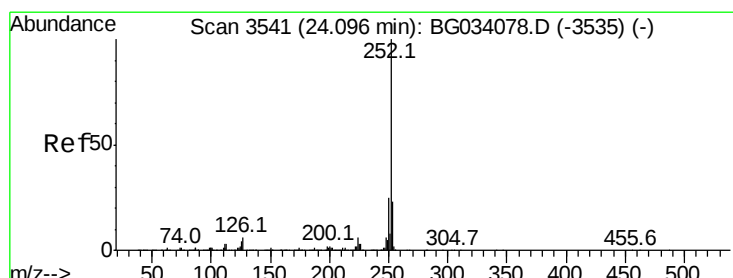
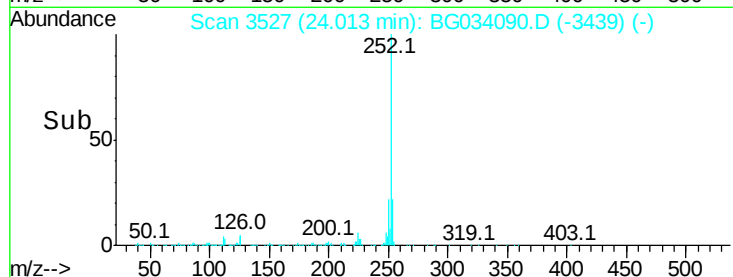
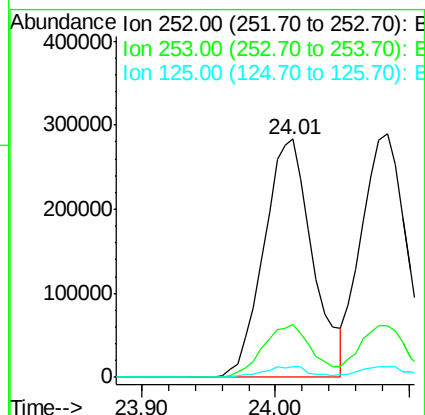
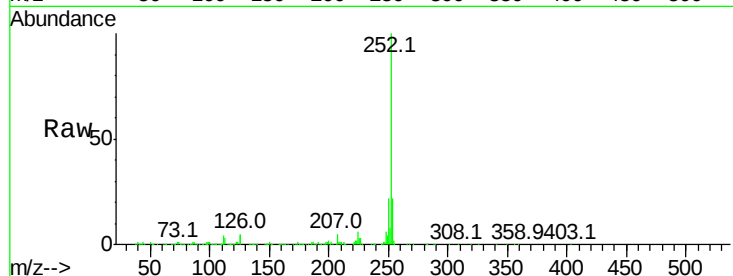
Acq: 1 May 2018 22:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252	Resp:	716931
Ion	Ratio	Lower Upper
252	100	
253	22.0	18.2 27.4
125	4.3	7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 19.323 ng

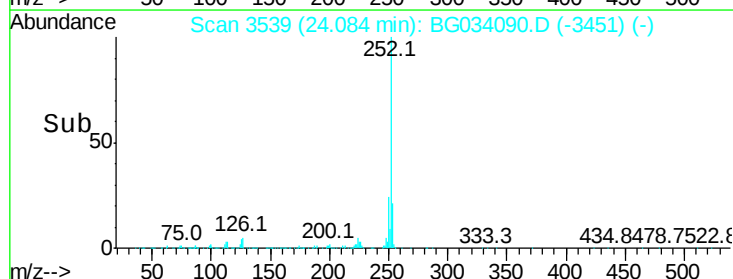
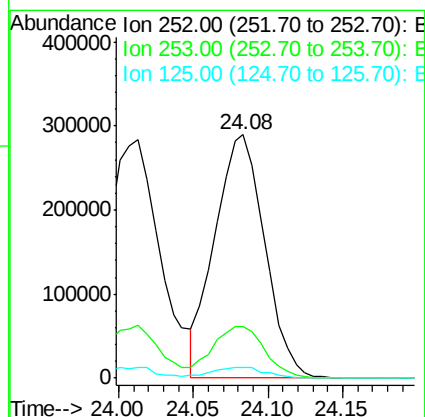
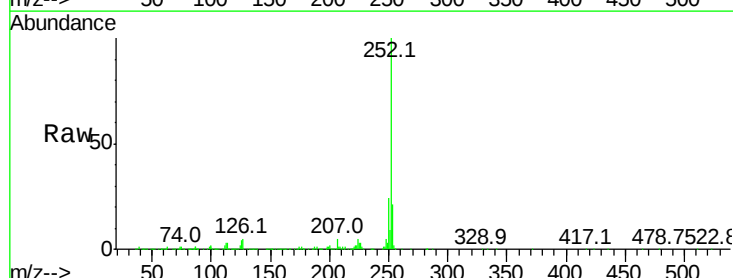
RT: 24.08 min Scan# 3539

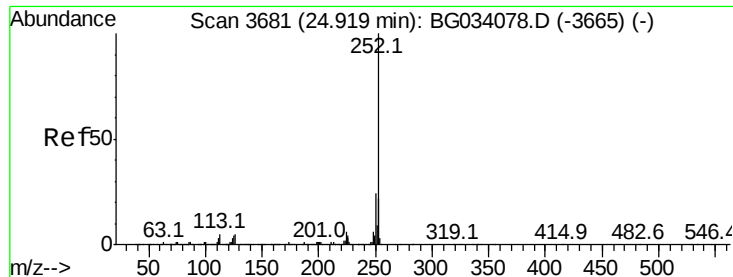
Delta R.T. -0.01 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

Tgt Ion:252	Resp:	670869
Ion	Ratio	Lower Upper
252	100	
253	21.2	17.4 26.2
125	4.3	6.6 9.8#





#89

Benzo(a)pyrene

Concen: 19.641 ng

RT: 24.90 min Scan# 3678

Delta R.T. -0.02 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

Instrument :

BNA_G

ClientSampleId :

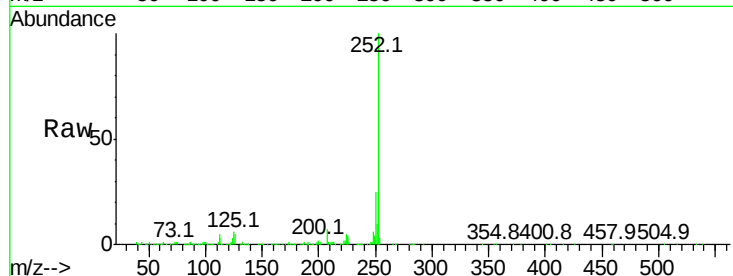
Tot Ion:252 Resp: 667504

Ion Ratio Lower Upper

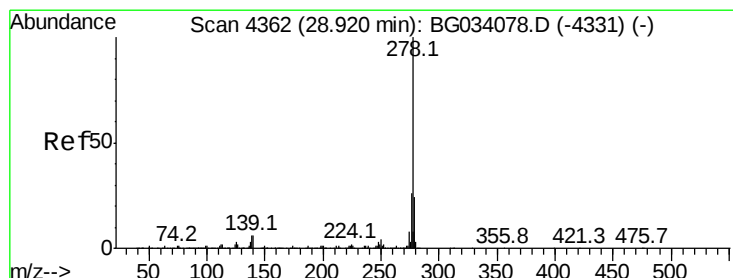
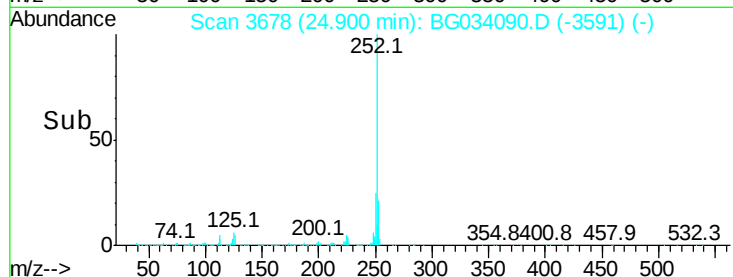
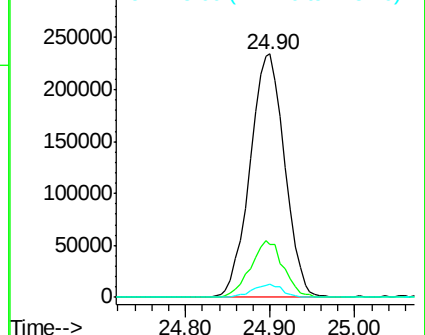
252 100

253 21.5 18.3 27.5

125 5.6 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 19.858 ng

RT: 28.88 min Scan# 4356

Delta R.T. -0.04 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

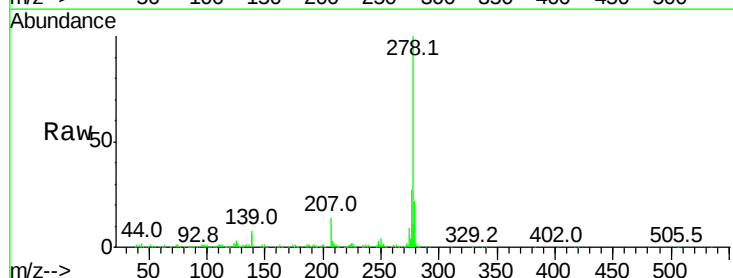
Tgt Ion:278 Resp: 636164

Ion Ratio Lower Upper

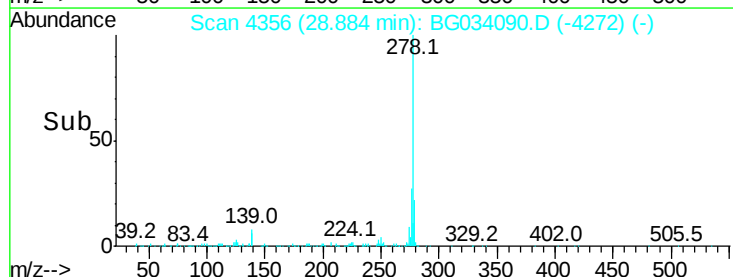
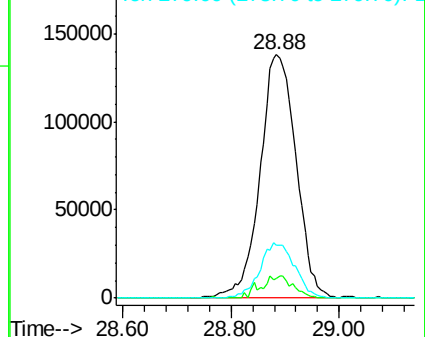
278 100

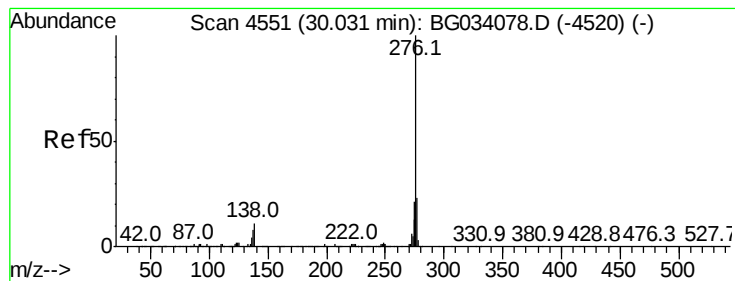
139 8.1 9.8 14.6#

279 21.8 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 19.305 ng

RT: 29.98 min Scan# 4542

Delta R.T. -0.05 min

Lab File: BG034090.D

Acq: 1 May 2018 22:24

Instrument :

BNA_G

ClientSampleId :

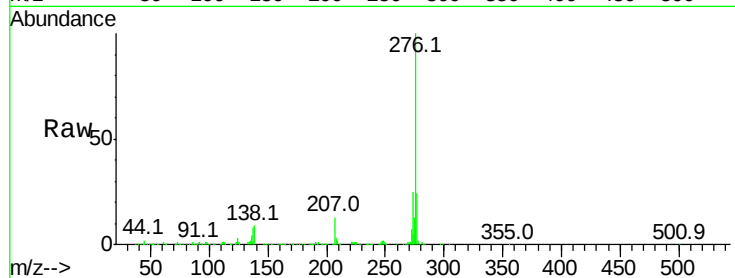
Tot Ion:276 Resp: 609575

Ion Ratio Lower Upper

276 100

277 24.0 18.3 27.5

138 9.0 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

