

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034134.D
 Acq On : 3 May 2018 2:31
 Operator : SJ/JU
 Sample : PB108811BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 03 04:50:10 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	69619	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	293223	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	249092	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	698646	20.00	ng	0.00
75) Chrysene-d12	21.76	240	644441	20.00	ng	0.00
86) Perylene-d12	25.04	264	698701	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	596318	138.39	ng	0.00
7) Phenol-d6	7.22	99	907974	135.35	ng	0.00
23) Nitrobenzene-d5	9.23	82	617316	80.78	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	468297	135.77	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1384431	80.99	ng	0.00
78) Terphenyl-d14	20.09	244	2488950	84.61	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	61491	33.98	ng	# 81
3) Pyridine	3.94	79	195103	34.36	ng	88
4) n-Nitrosodimethylamine	3.85	42	126143	40.75	ng	# 81
6) Aniline	7.39	93	209810	22.99	ng	91
8) 2-Chlorophenol	7.64	128	185667	43.18	ng	87
9) Benzaldehyde	7.20	77	89939	20.64	ng	90
10) Phenol	7.25	94	314054	46.42	ng	78
11) bis(2-Chloroethyl)ether	7.49	93	206971	38.86	ng	90
12) 1,3-Dichlorobenzene	7.96	146	194090	35.68	ng	# 87
13) 1,4-Dichlorobenzene	8.11	146	196856	36.44	ng	94
14) 1,2-Dichlorobenzene	8.43	146	188976	36.83	ng	98
15) Benzyl Alcohol	8.31	79	290966	40.66	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	8.60	45	260367	35.53	ng	82
17) 2-Methylphenol	8.50	107	192815	43.31	ng	# 73
18) Hexachloroethane	9.16	117	83404	36.29	ng	97
19) n-Nitroso-di-n-propylamine	8.88	70	219861	36.49	ng	95
20) 3+4-Methylphenols	8.83	107	275381	41.76	ng	82
22) Acetophenone	8.89	105	358593	35.90	ng	# 98
24) Nitrobenzene	9.27	77	315099	37.67	ng	# 85
25) Isophorone	9.80	82	616662	39.55	ng	96
26) 2-Nitrophenol	9.99	139	97402	42.06	ng	# 60
27) 2,4-Dimethylphenol	10.05	122	216342	48.19	ng	89
28) bis(2-Chloroethoxy)methane	10.29	93	314808	41.11	ng	96
29) 2,4-Dichlorophenol	10.53	162	242312	45.15	ng	95
30) 1,2,4-Trichlorobenzene	10.75	180	229683	35.54	ng	99
31) Naphthalene	10.94	128	581468	37.73	ng	100
32) Benzoic acid	10.17	122	142766	37.33	ng	# 75
33) 4-Chloroaniline	11.04	127	68516	9.86	ng	# 83
34) Hexachlorobutadiene	11.23	225	187707	34.32	ng	92
35) Caprolactam	11.81	113	52731	27.66	ng	91
36) 4-Chloro-3-methylphenol	12.15	107	334882	48.13	ng	88
37) 2-Methylnaphthalene	12.54	142	489928	39.20	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	350993	36.41	ng	97
40) Hexachlorocyclopentadiene	12.89	237	451824	79.11	ng	90

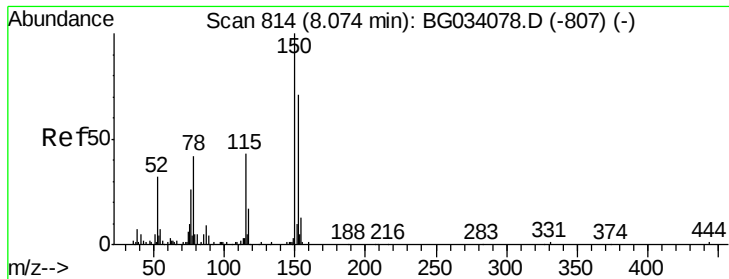
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	253036	45.18	nq	96
43) 2,4,5-Trichlorophenol	13.22	196	269215	43.48	nq	# 90
45) 1,1'-Biphenyl	13.55	154	727667	37.39	nq	98
46) 2-Chloronaphthalene	13.59	162	548687	37.24	nq	96
47) 2-Nitroaniline	13.79	65	263719	44.77	nq	# 84
48) Acenaphthylene	14.44	152	883087	37.54	nq	97
49) Dimethylphthalate	14.17	163	835682	38.69	nq	97
50) 2,6-Dinitrotoluene	14.29	165	188160	45.36	nq	85
51) Acenaphthene	14.78	154	663740	41.52	nq	93
52) 3-Nitroaniline	14.61	138	80878	19.34	nq	81
53) 2,4-Dinitrophenol	14.82	184	130150	80.20	nq	# 72
54) Dibenzofuran	15.11	168	923671	39.86	nq	# 87
55) 4-Nitrophenol	14.92	139	288627	90.44	nq	# 50
56) 2,4-Dinitrotoluene	15.07	165	269193	47.79	nq	94
57) Fluorene	15.77	166	778088	38.52	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.34	232	291464	45.51	nq	97
59) Diethylphthalate	15.54	149	882246	38.60	nq	98
60) 4-Chlorophenyl-phenylether	15.76	204	487468	40.57	nq	100
61) 4-Nitroaniline	15.78	138	176179	39.72	nq	# 43
62) Azobenzene	16.05	77	972000	39.37	nq	94
64) 4,6-Dinitro-2-methylphenol	15.83	198	116039	35.32	nq	98
65) n-Nitrosodiphenylamine	15.97	169	722927	37.95	nq	99
66) 4-Bromophenyl-phenylether	16.66	248	337519	38.91	nq	94
67) Hexachlorobenzene	16.77	284	337761	38.36	nq	94
68) Atrazine	16.92	200	346424	45.03	nq	96
69) Pentachlorophenol	17.11	266	446282	72.72	nq	94
70) Phenanthrene	17.51	178	1370671	38.18	nq	97
71) Anthracene	17.60	178	1402972	38.56	nq	99
72) Carbazole	17.87	167	1209467	36.31	nq	98
73) Di-n-butylphthalate	18.44	149	1408395	35.13	nq	# 97
74) Fluoranthene	19.52	202	1648914	36.35	nq	93
76) Benzidine	19.70	184	688620	41.48	nq	99
77) Pyrene	19.89	202	1632276	40.43	nq	96
79) Butylbenzylphthalate	20.78	149	598805	37.99	nq	90
80) Benzo(a)anthracene	21.74	228	1646945	39.88	nq	98
81) 3,3'-Dichlorobenzidine	21.65	252	329661	21.11	nq	# 96
82) Chrysene	21.81	228	1537732	38.90	nq	98
83) Bis(2-ethylhexyl)phthalate	21.67	149	828805	38.21	nq	97
84) Di-n-octyl phthalate	22.92	149	1405475	40.57	nq	99
85) Indeno(1,2,3-cd)pyrene	28.80	276	1832812	42.13	nq	# 87
87) Benzo(b)fluoranthene	24.00	252	1712379	38.80	nq	# 94
88) Benzo(k)fluoranthene	24.08	252	1585186	37.58	nq	# 97
89) Benzo(a)pyrene	24.90	252	1614689	39.10	nq	# 96
90) Dibenzo(a,h)anthracene	28.88	278	1504944	38.66	nq	# 92
91) Benzo(g,h,i)perylene	29.99	276	1502623	39.17	nq	# 92

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

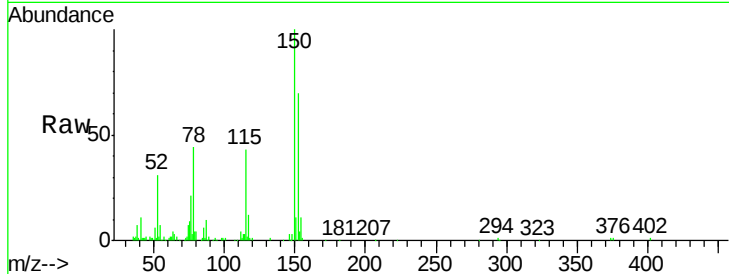


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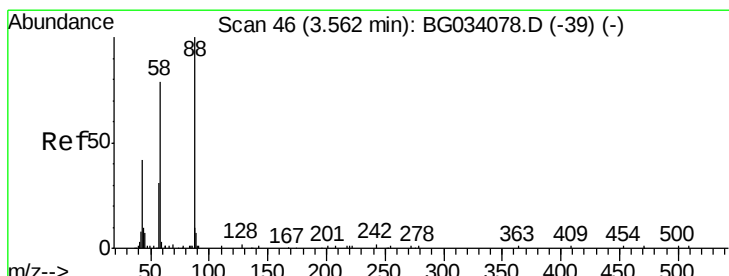
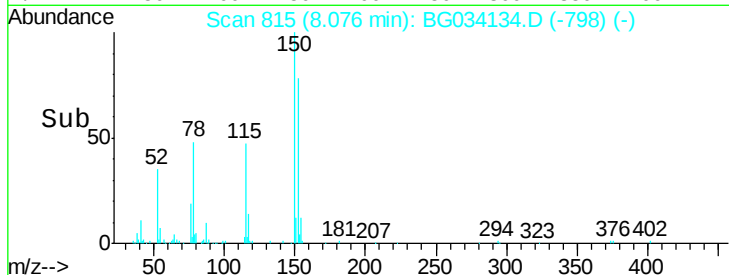
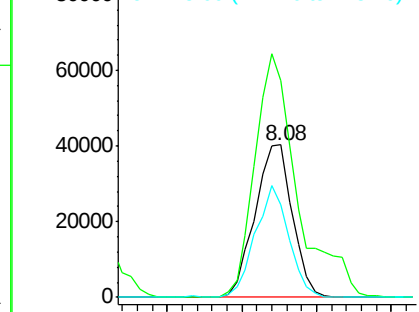
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 815
Delta R.T. 0.00 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 69619
Ion Ratio Lower Upper
152 100
150 142.1 126.6 189.8
115 60.7 53.0 79.4



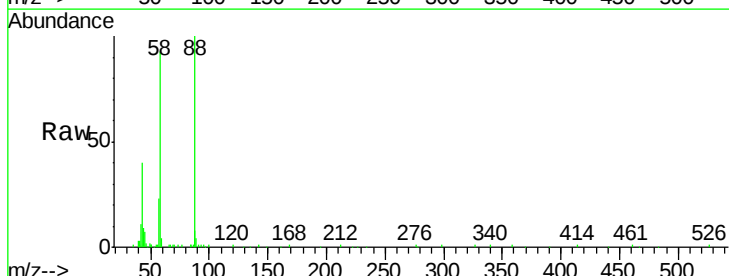
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



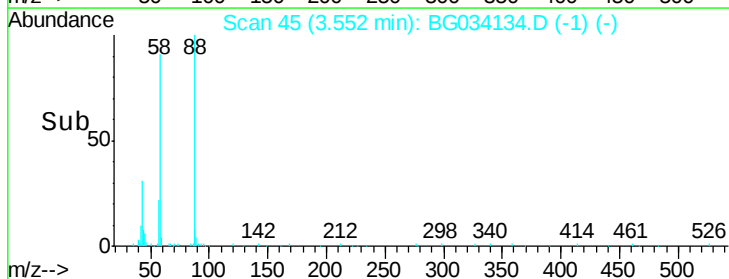
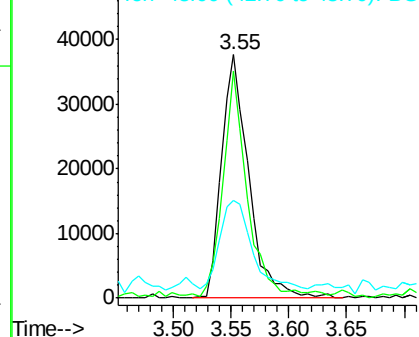
#2

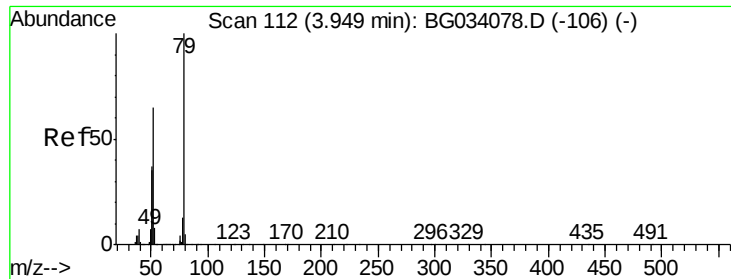
1,4-Dioxane
Concen: 33.98 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion: 88 Resp: 61491
Ion Ratio Lower Upper
88 100
58 79.0 79.6 119.4#
43 43.7 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: 34.36 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

ClientSampleId :

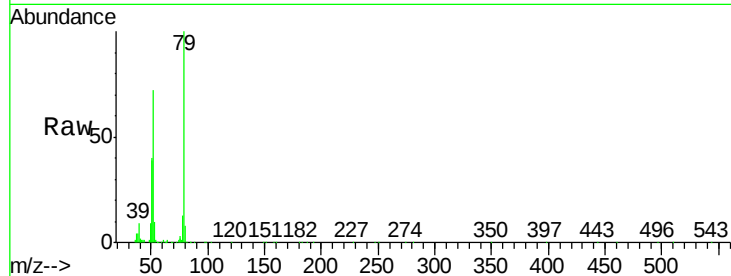
Tot Ion: 79 Resp: 195103

Ion Ratio Lower Upper

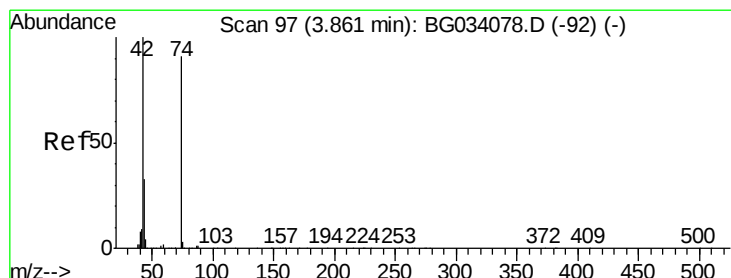
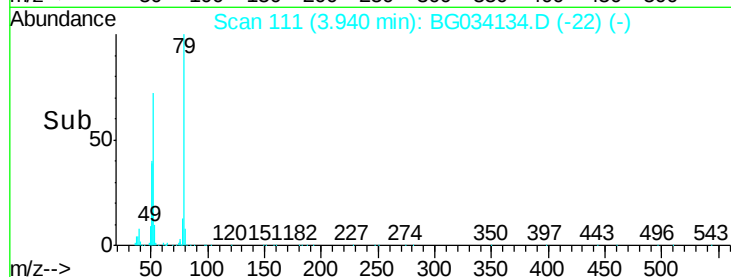
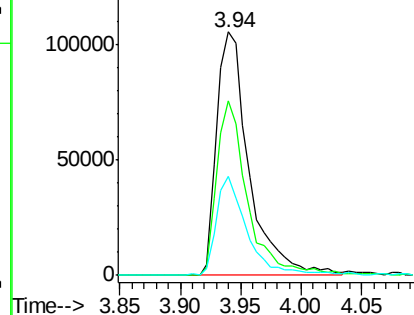
79 100

52 71.8 69.9 104.9

51 40.4 34.0 51.0



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



#4

n-Nitrosodimethylamine

Concen: 40.75 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.01 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

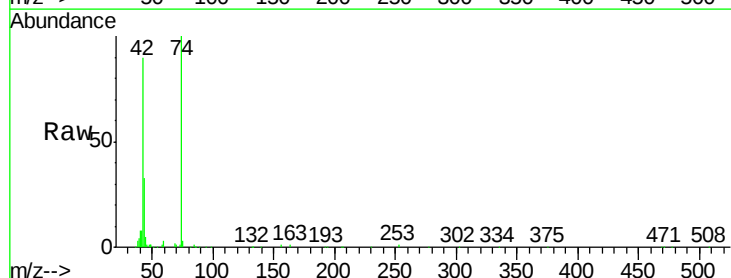
Tgt Ion: 42 Resp: 126143

Ion Ratio Lower Upper

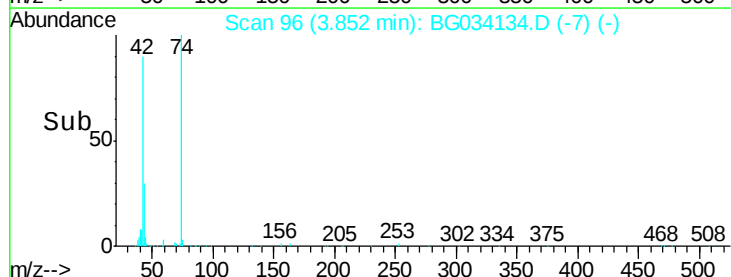
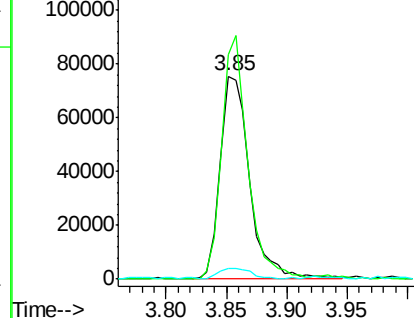
42 100

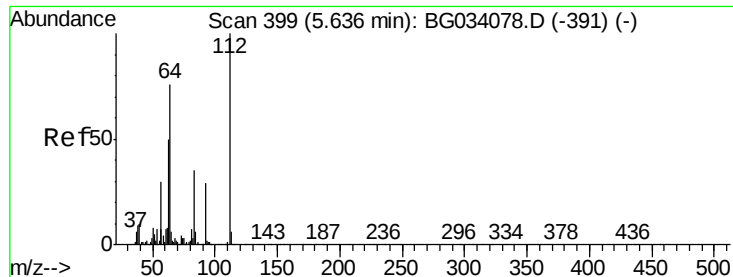
74 110.6 102.5 153.7

44 5.4 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: 138.39 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

ClientSampleId :

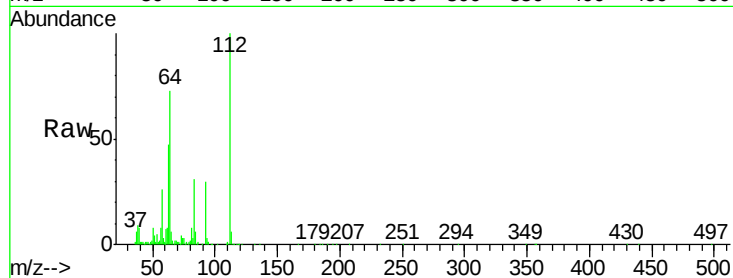
Tot Ion:112 Resp: 596318

Ion Ratio Lower Upper

112 100

64 73.0 56.3 84.5

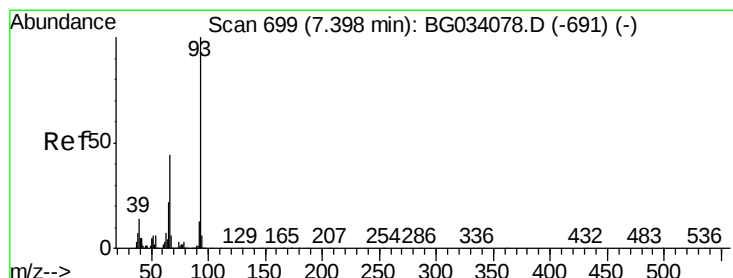
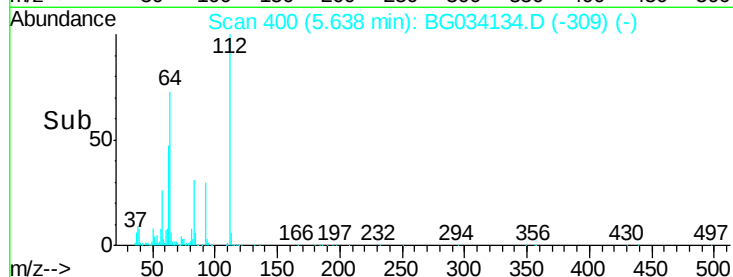
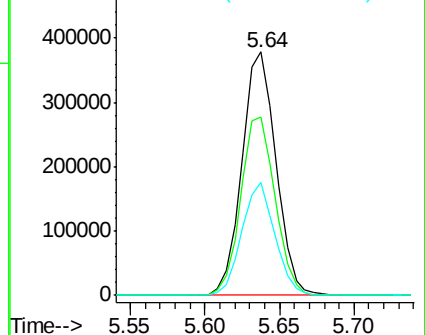
63 46.6 30.1 45.1#



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: 22.99 ng

RT: 7.39 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

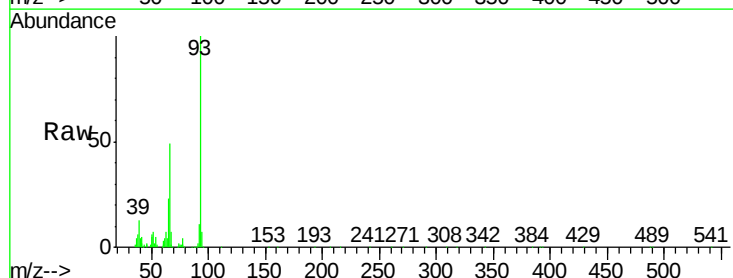
Tgt Ion: 93 Resp: 209810

Ion Ratio Lower Upper

93 100

66 49.1 33.7 50.5

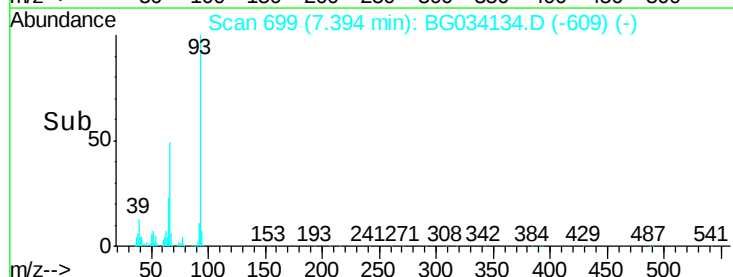
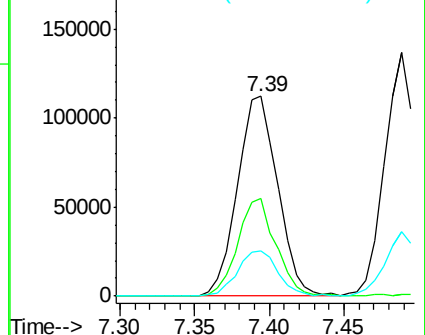
65 22.6 16.1 24.1

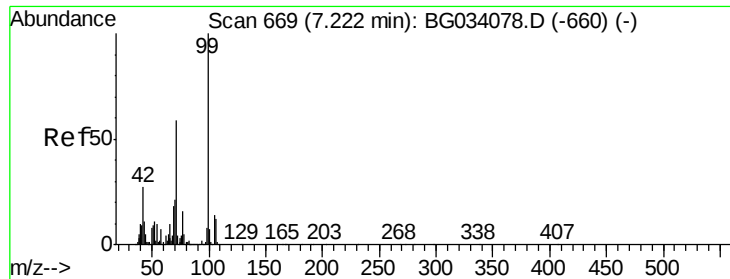


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 135.35 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

ClientSampleId :

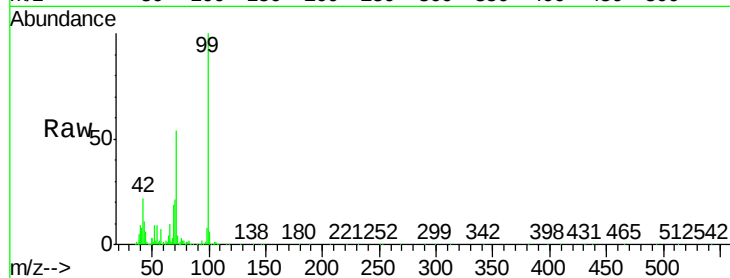
Tot Ion: 99 Resp: 907974

Ion Ratio Lower Upper

99 100

42 22.5 14.1 21.1#

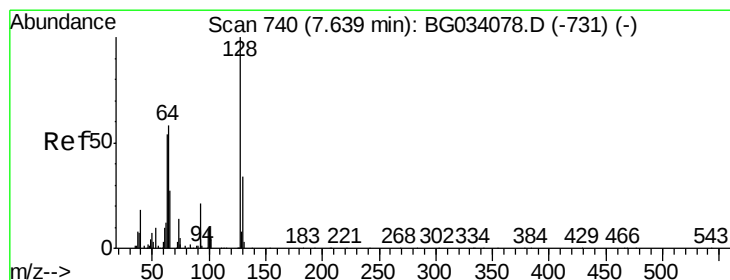
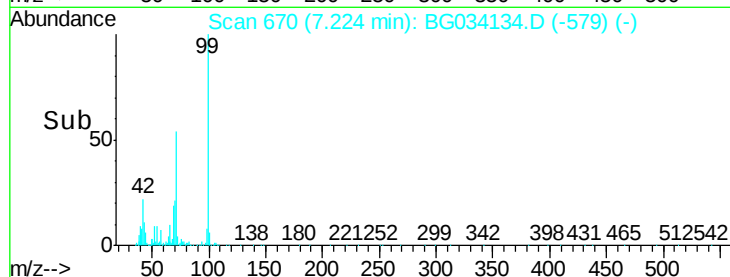
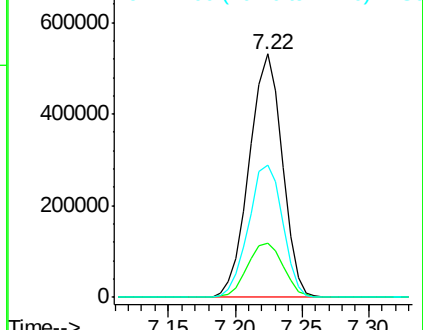
71 54.5 26.1 39.1#



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: 43.18 ng

RT: 7.64 min Scan# 740

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

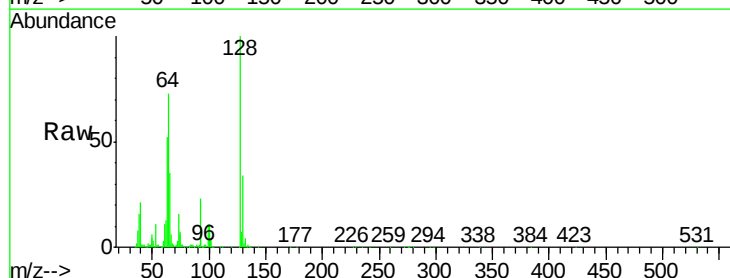
Tgt Ion: 128 Resp: 185667

Ion Ratio Lower Upper

128 100

130 33.6 14.0 54.0

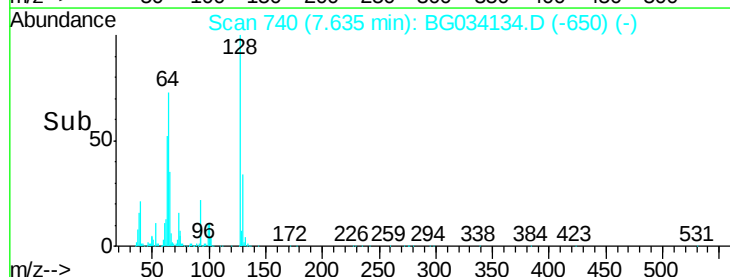
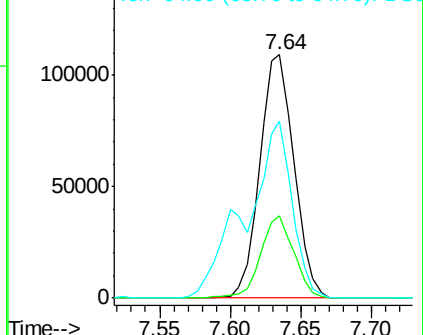
64 72.5 37.7 77.7

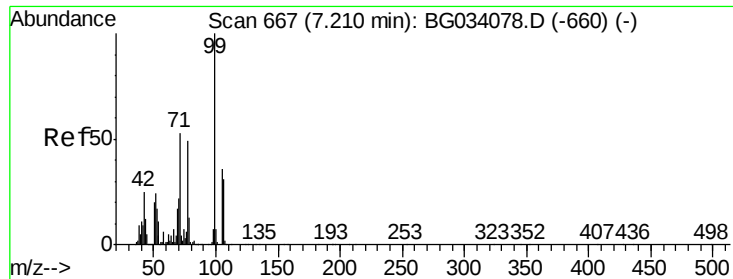


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 20.64 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

ClientSampleId :

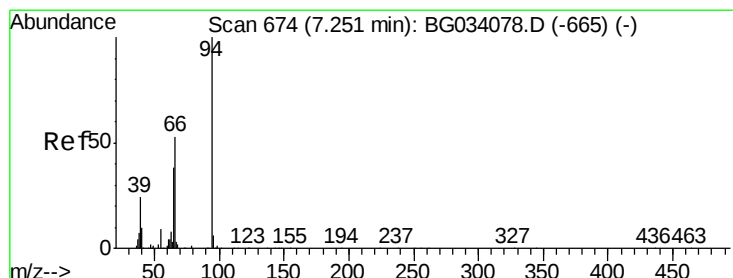
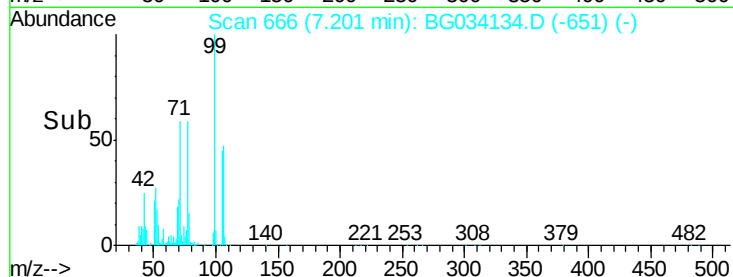
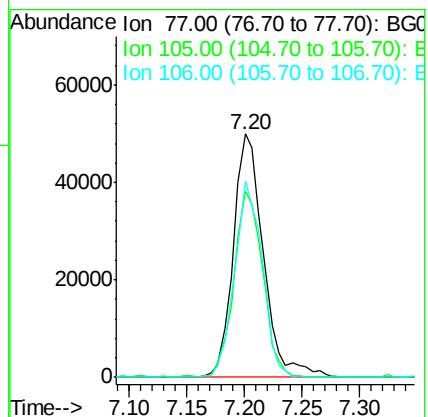
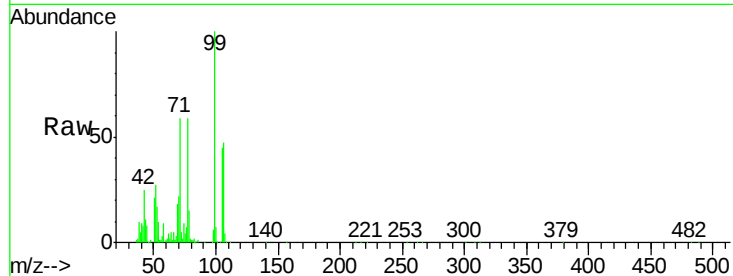
Tot Ion: 77 Resp: 89939

Ion Ratio Lower Upper

77 100

105 76.7 71.3 111.3

106 80.4 64.2 104.2



#10

Phenol

Concen: 46.42 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

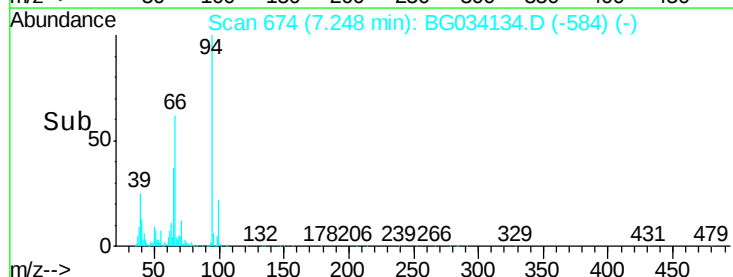
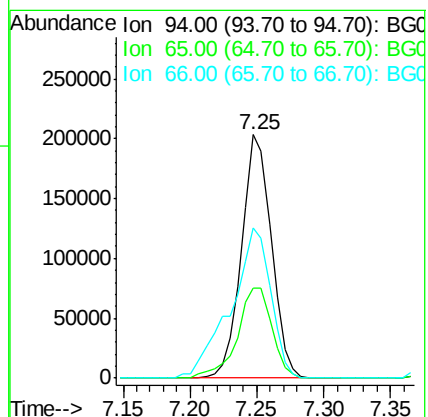
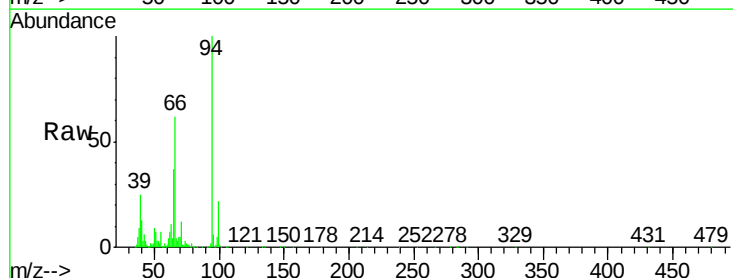
Tgt Ion: 94 Resp: 314054

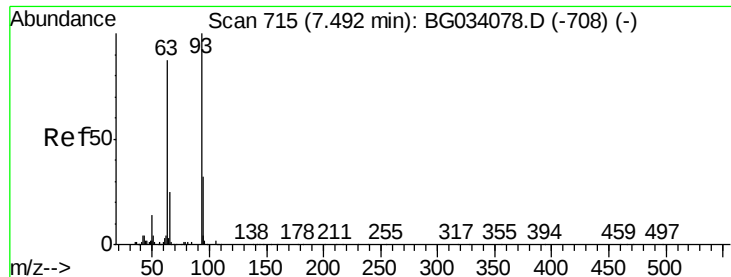
Ion Ratio Lower Upper

94 100

65 37.2 11.9 51.9

66 61.6 22.2 62.2

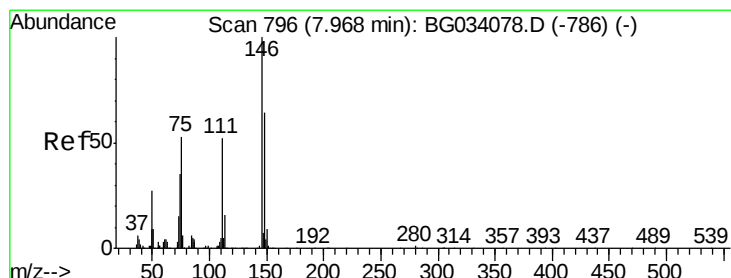
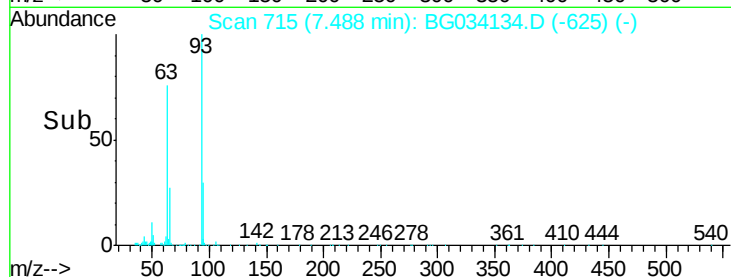
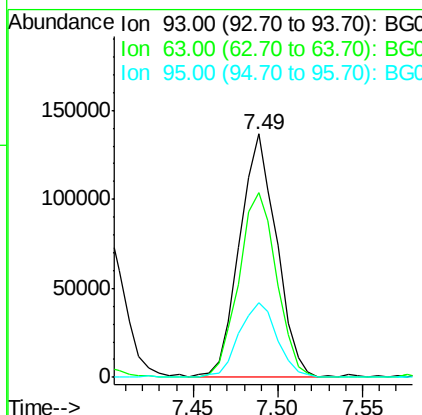
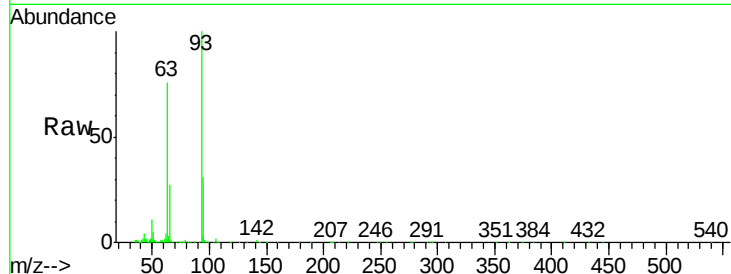




#11
bis(2-Chloroethyl)ether
Concen: 38.86 ng
RT: 7.49 min Scan# 715
Delta R.T. -0.00 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

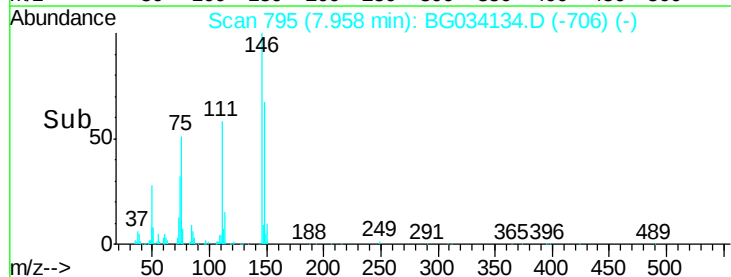
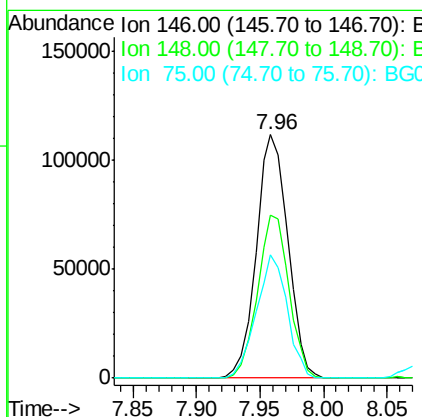
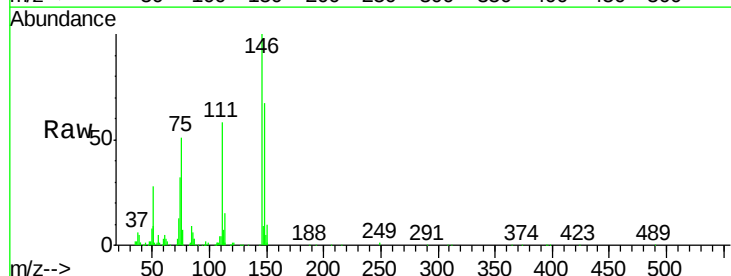
Instrument :
BNA_G
ClientSampleId :

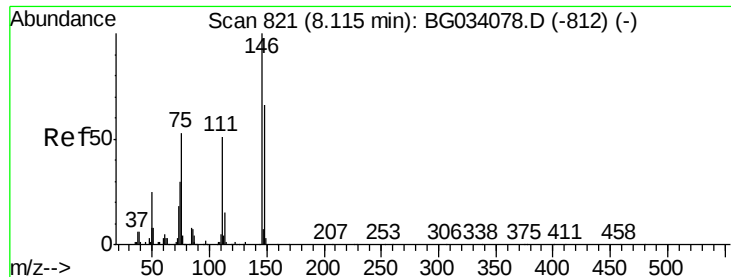
Tot Ion	93	Resp	206971
Ion Ratio	Lower	Upper	
93	100		
63	75.6	67.1	107.1
95	30.6	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 35.68 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion	146	Resp	194090
Ion Ratio	Lower	Upper	
146	100		
148	66.9	51.4	77.2
75	50.7	26.6	39.8#





#13

1,4-Dichlorobenzene

Concen: 36.44 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.01 min

Lab File: BG034134.D

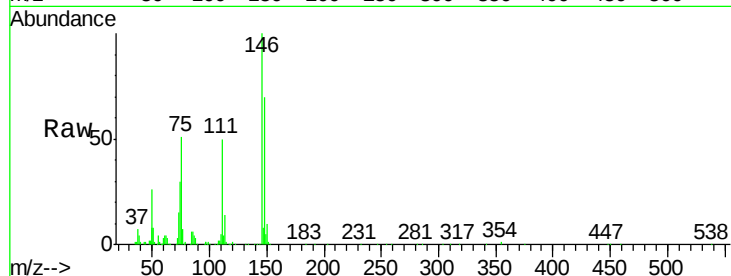
Acq: 3 May 2018 2:31

Instrument :

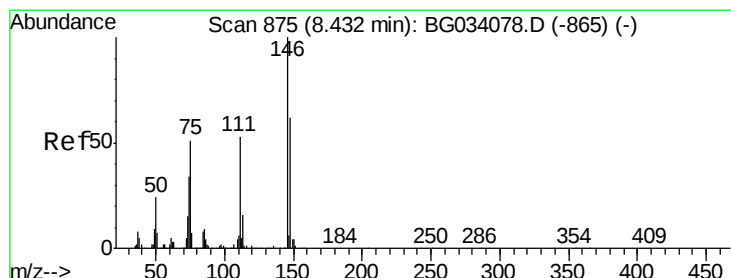
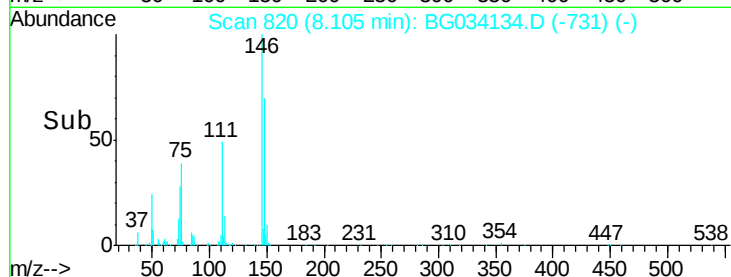
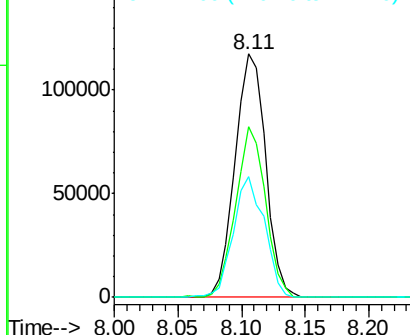
BNA_G

ClientSampleId :

Tot Ion:146	Resp:	196856
Ion Ratio	Lower	Upper
146	100	
148	70.0	53.7 80.5
111	49.6	35.2 52.8



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



#14

1,2-Dichlorobenzene

Concen: 36.83 ng

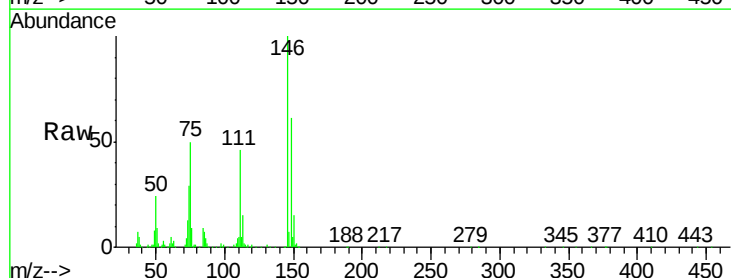
RT: 8.43 min Scan# 875

Delta R.T. -0.00 min

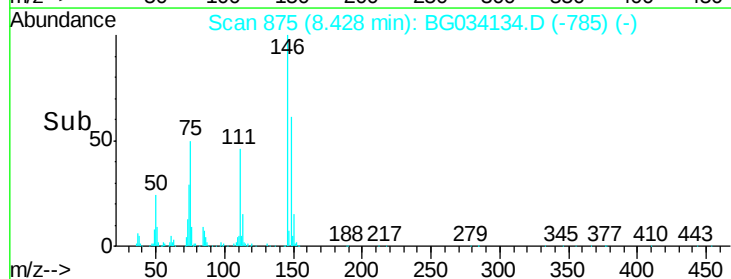
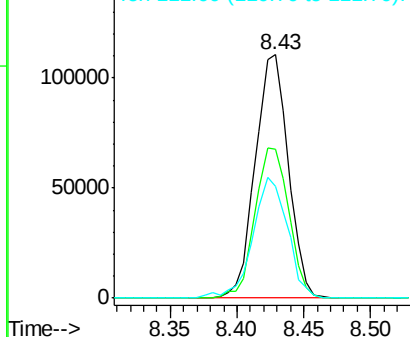
Lab File: BG034134.D

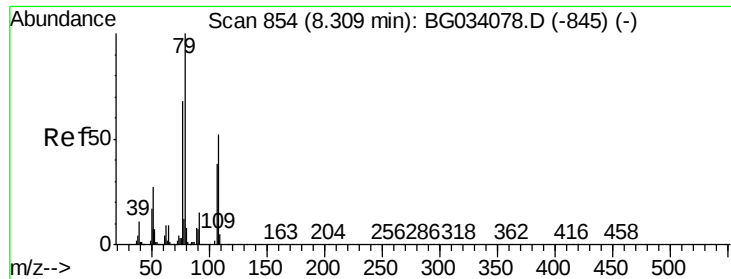
Acq: 3 May 2018 2:31

Tgt Ion:146	Resp:	188976
Ion Ratio	Lower	Upper
146	100	
148	61.3	49.3 73.9
111	46.1	34.3 51.5



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





#15

Benzyl Alcohol

Concen: 40.66 ng

RT: 8.31 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

ClientSampleId :

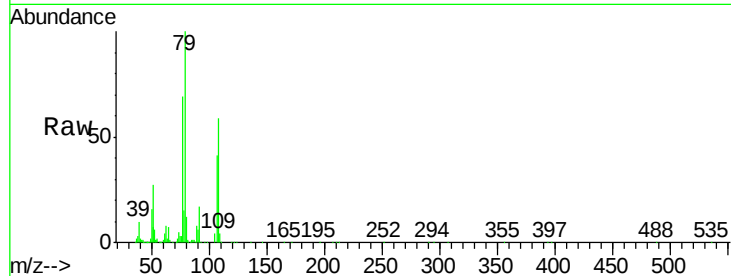
Tot Ion: 79 Resp: 290966

Ion Ratio Lower Upper

79 100

108 59.2 57.2 85.8

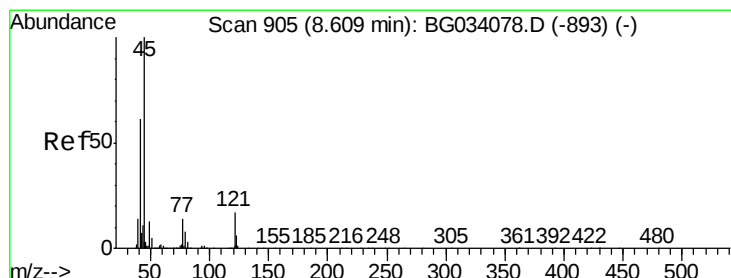
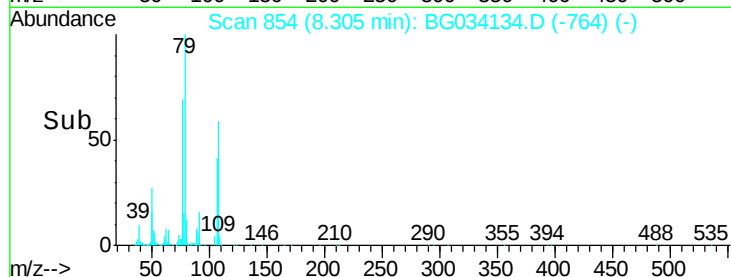
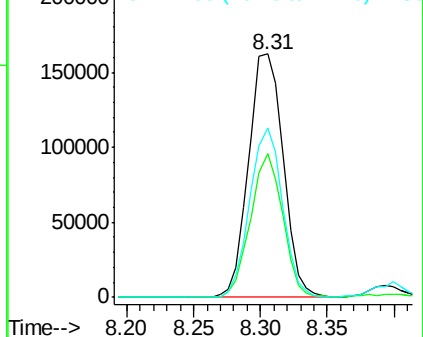
77 69.3 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.53 ng

RT: 8.60 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

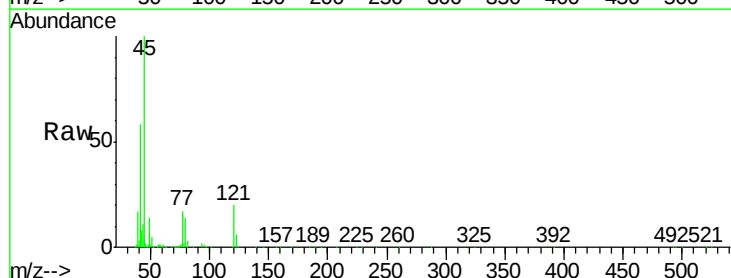
Tgt Ion: 45 Resp: 260367

Ion Ratio Lower Upper

45 100

77 16.9 0.0 30.2

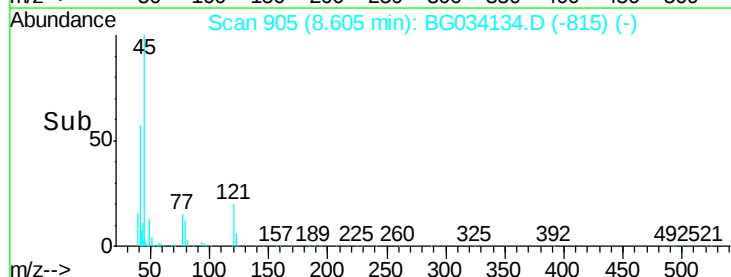
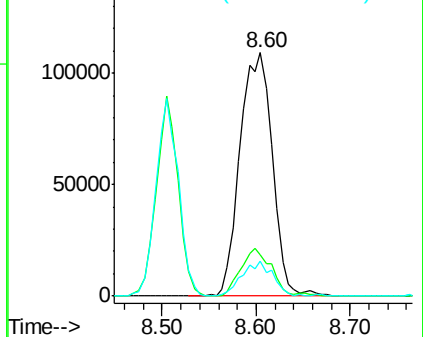
79 14.3 0.0 27.9

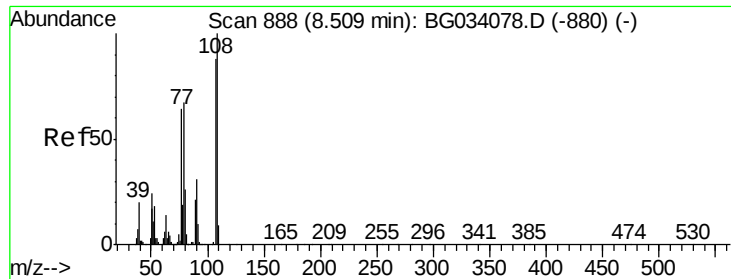


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 43.31 ng

RT: 8.50 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG034134.D

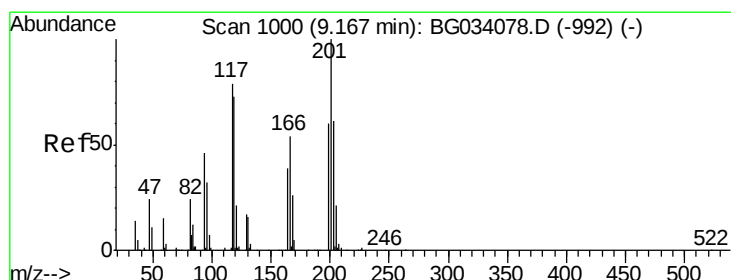
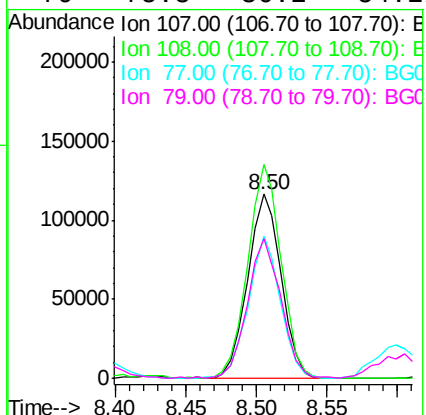
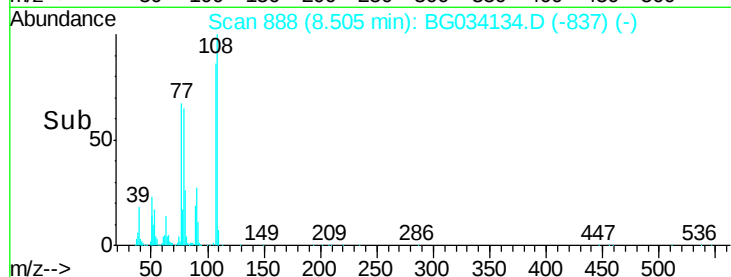
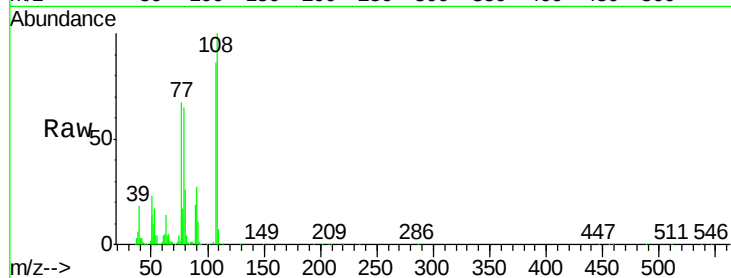
Acq: 3 May 2018 2:31

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	192815
Ion	Ratio	Lower	Upper
107	100		
108	115.9	83.9	125.9
77	77.1	37.2	55.8#
79	75.8	36.2	54.2#



#18

Hexachloroethane

Concen: 36.29 ng

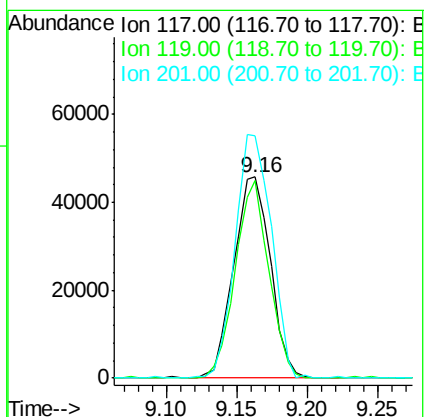
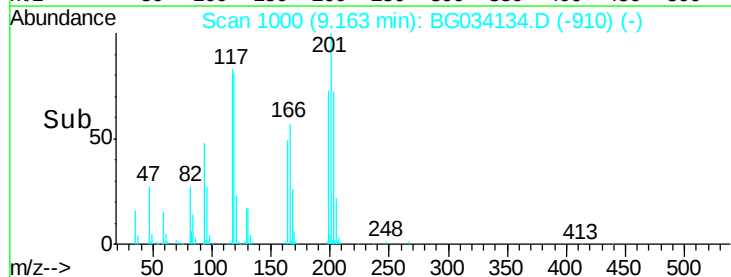
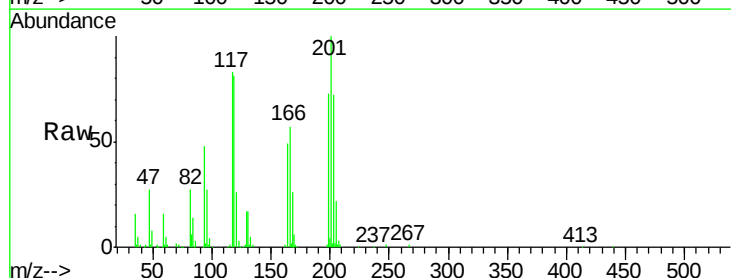
RT: 9.16 min Scan# 1000

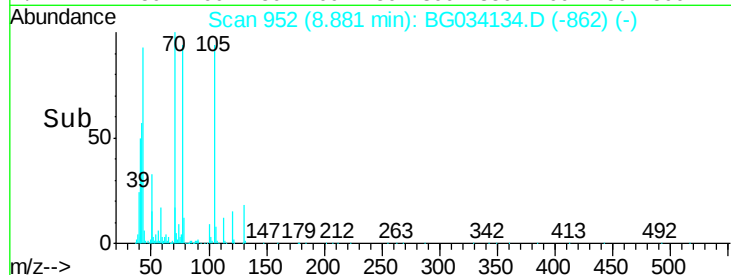
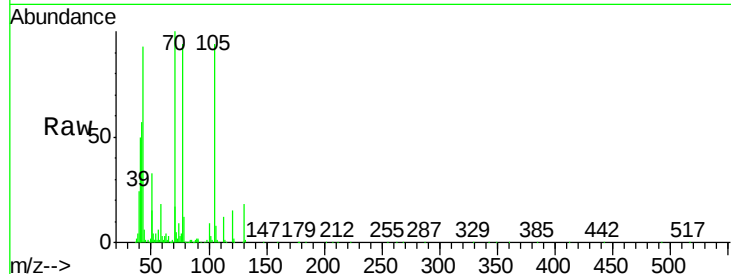
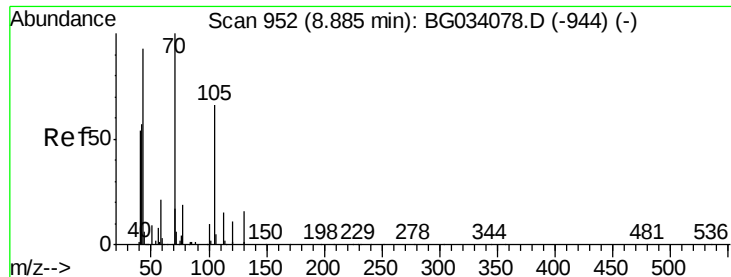
Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Tgt Ion:	117	Resp:	83404
Ion	Ratio	Lower	Upper
117	100		
119	98.2	76.7	115.1
201	123.3	95.7	143.5

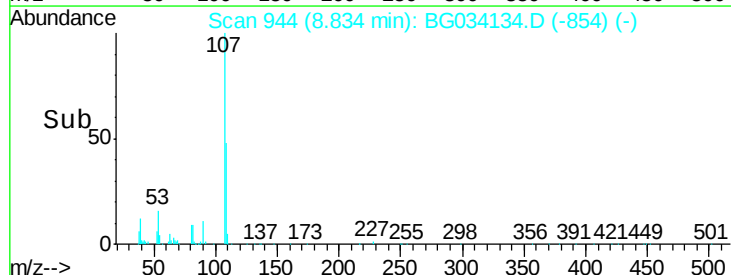
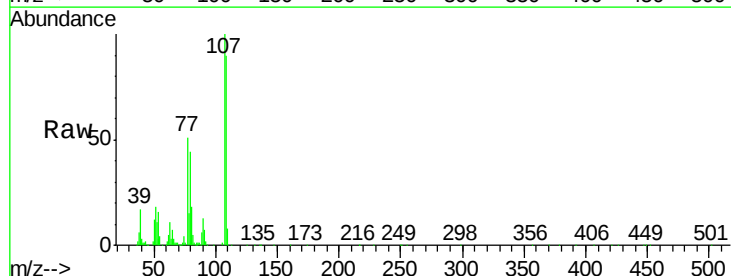
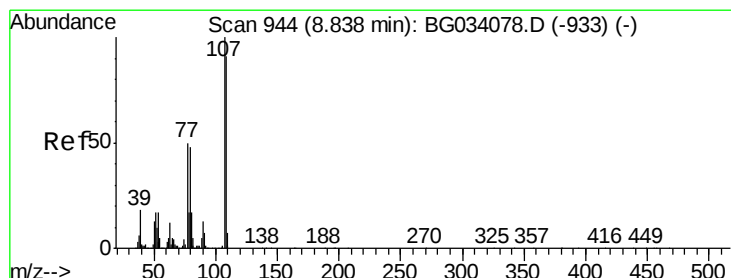
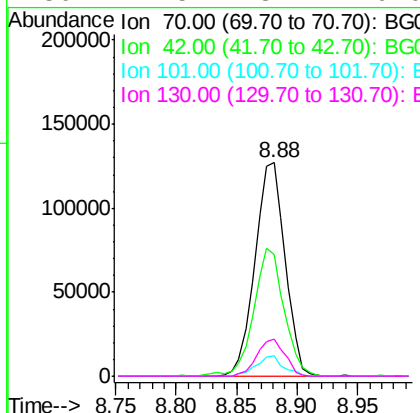




#19
n-Nitroso-di-n-propylamine
Concen: 36.49 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.00 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

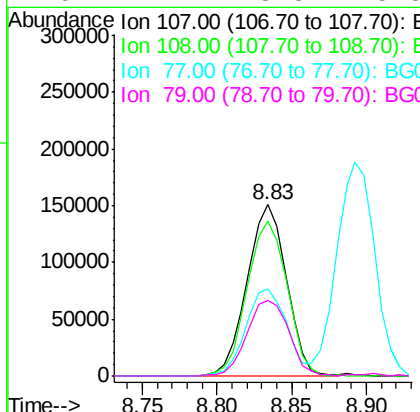
Instrument :
BNA_G
ClientSampleId :

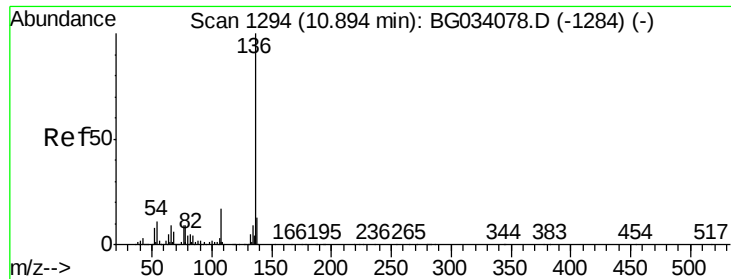
Tot Ion:	70	Resp:	219861
Ion	Ratio	Lower	Upper
70	100		
42	56.9	49.1	73.7
101	9.5	8.5	12.7
130	17.5	13.4	20.0



#20
3+4-Methylphenols
Concen: 41.76 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion:	107	Resp:	275381
Ion	Ratio	Lower	Upper
107	100		
108	90.5	61.6	101.6
77	50.6	13.9	53.9
79	44.1	8.8	48.8

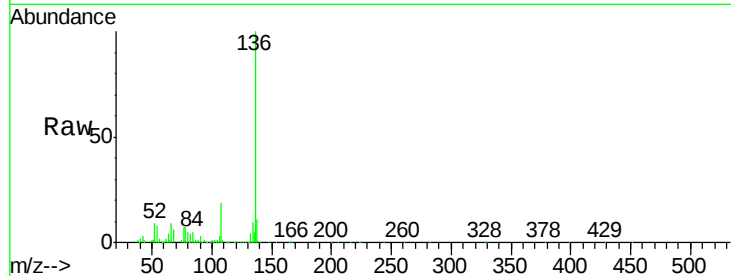




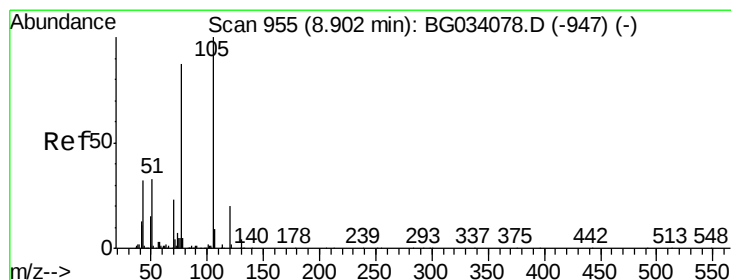
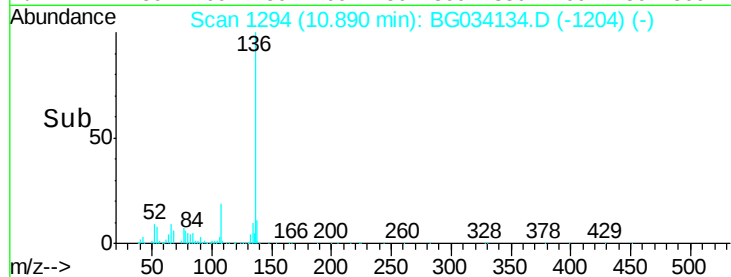
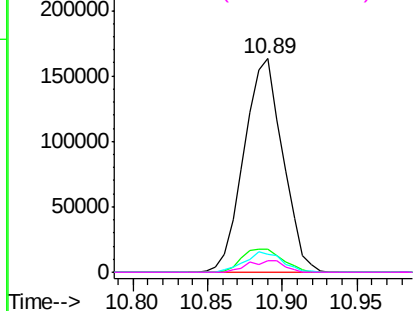
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	293223	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	9.2	13.8	
54 8.5	10.3	15.5#	
68 5.6	4.5	6.7	

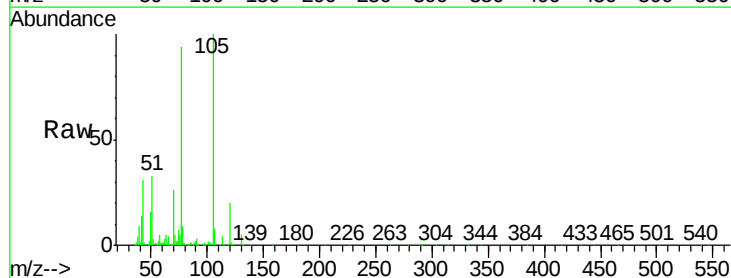


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

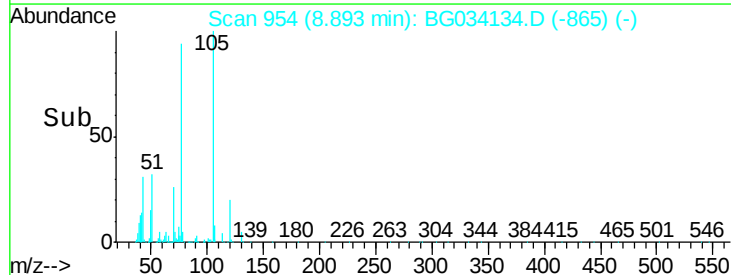
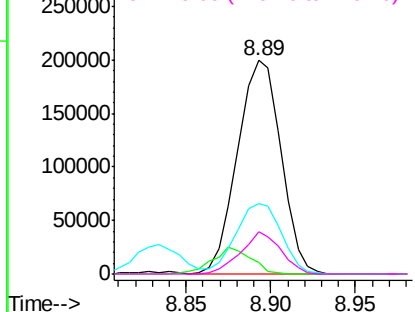


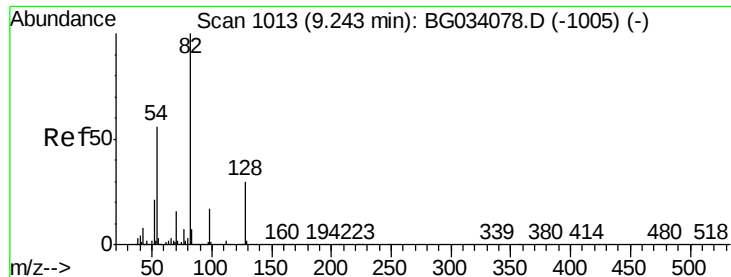
#22
Acetophenone
Concen: 35.90 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt	Ion:105	Resp:	358593
Ion	Ratio	Lower	Upper
105	100		
71	5.1	3.0	4.4#
51	32.8	26.1	39.1
120	19.6	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

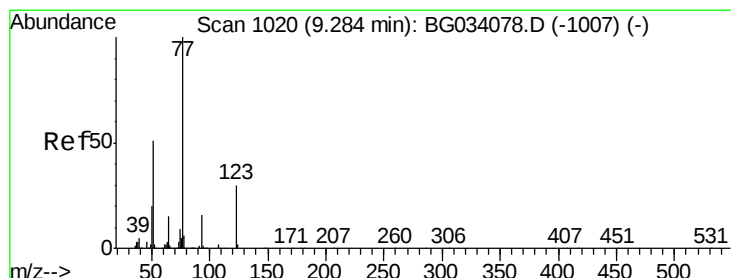
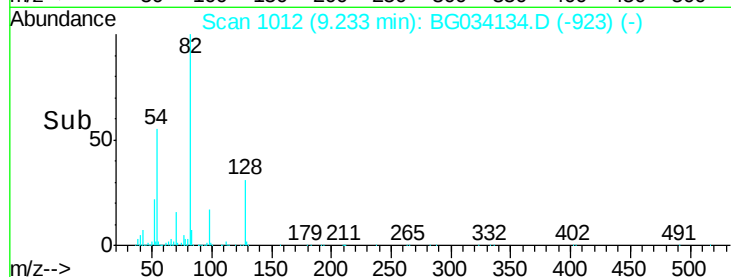
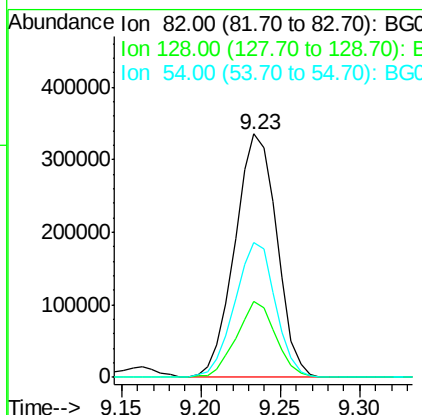
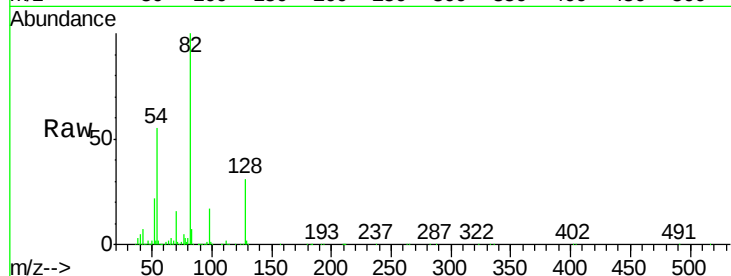




#23
 Nitrobenzene-d5
 Concen: 80.78 ng
 RT: 9.23 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

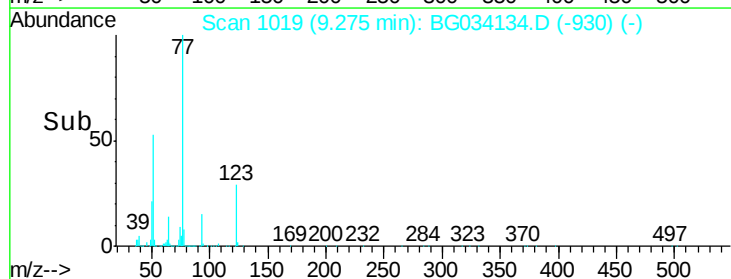
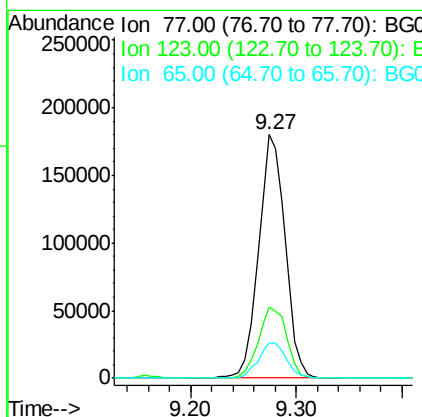
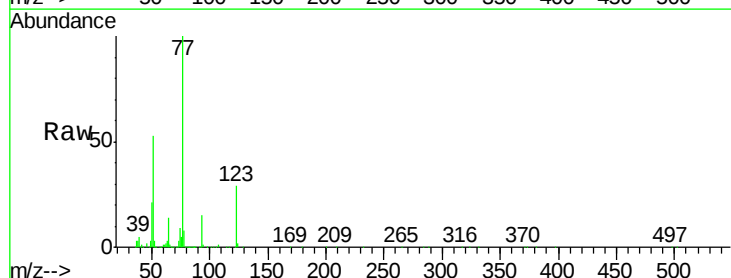
Instrument :
 BNA_G
 ClientSampleId :

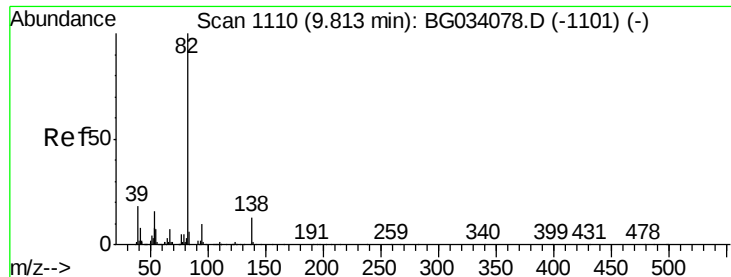
Tot Ion	82	Resp	617316
Ion Ratio	Lower	Upper	
82	100		
128	31.2	29.7	44.5
54	55.4	43.1	64.7



#24
 Nitrobenzene
 Concen: 37.67 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

Tgt Ion	77	Resp	315099
Ion Ratio	Lower	Upper	
77	100		
123	28.9	33.0	49.6#
65	14.3	13.0	19.6

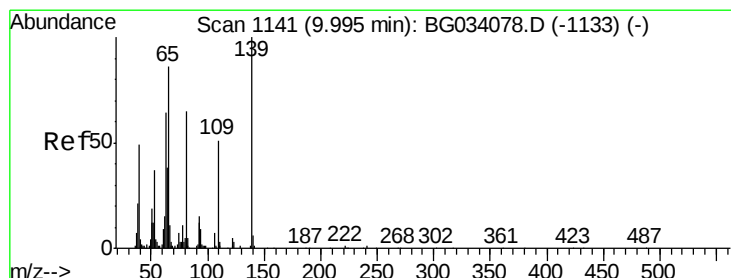
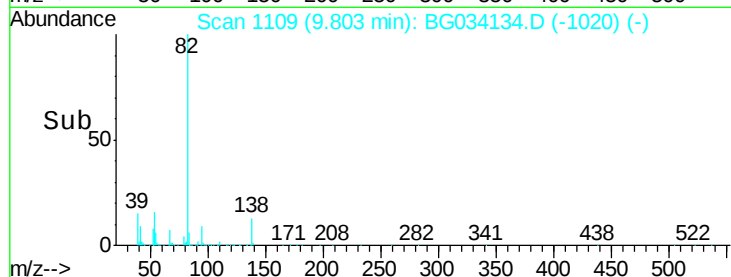
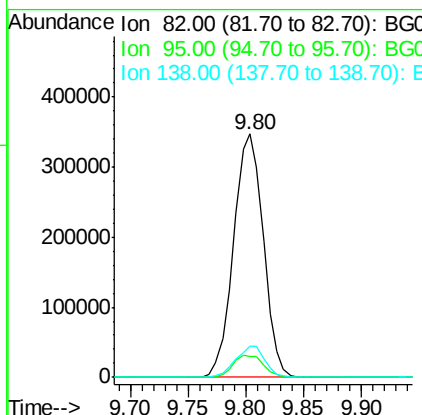
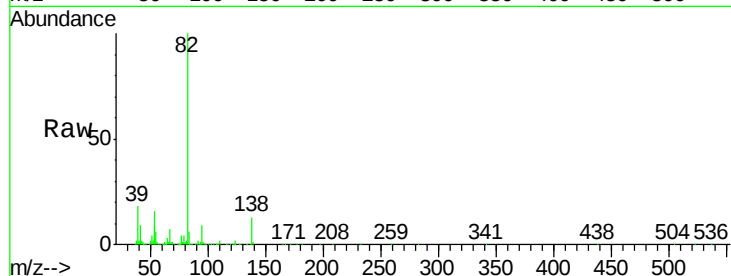




#25
Isophorone
Concen: 39.55 ng
RT: 9.80 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

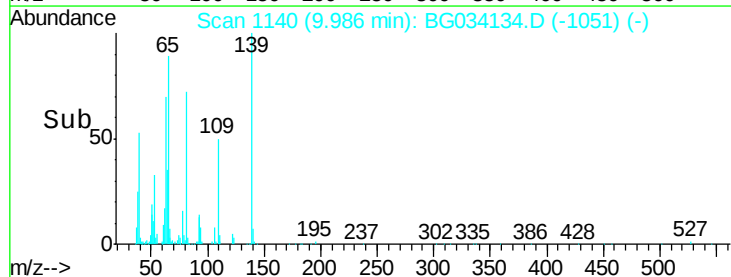
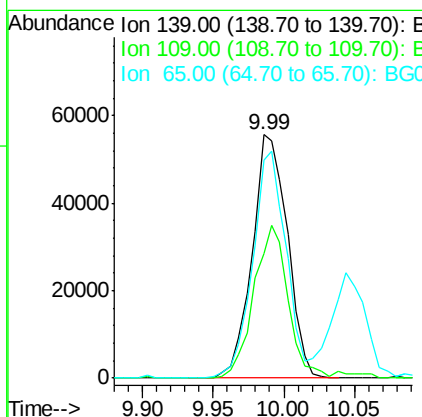
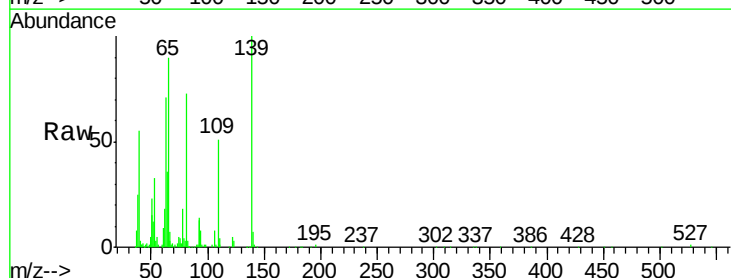
Instrument :
BNA_G
ClientSampleId :

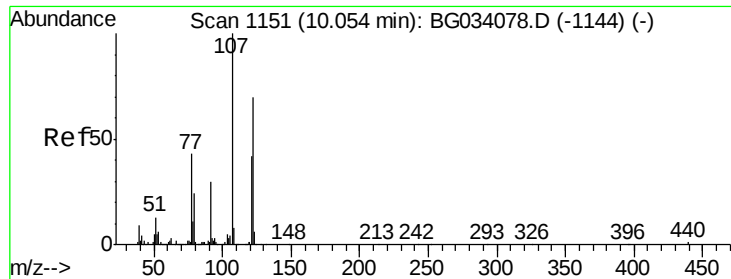
Tot Ion	Ratio	Lower	Upper
82	100		
95	8.5	6.2	9.2
138	13.0	12.1	18.1



#26
2-Nitrophenol
Concen: 42.06 ng
RT: 9.99 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	51.3	24.2	36.2#
65	89.5	47.4	71.0#

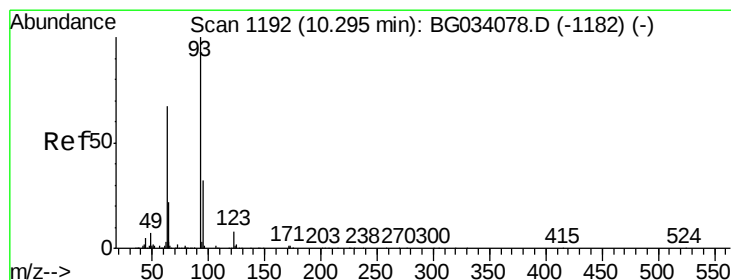
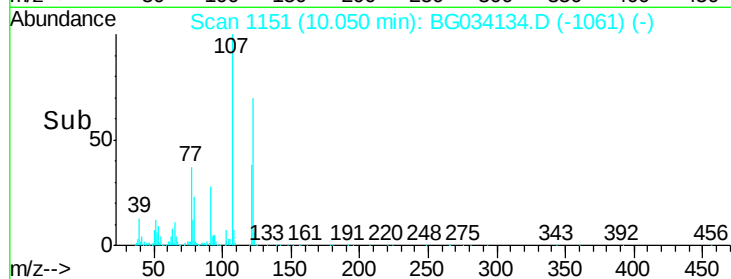
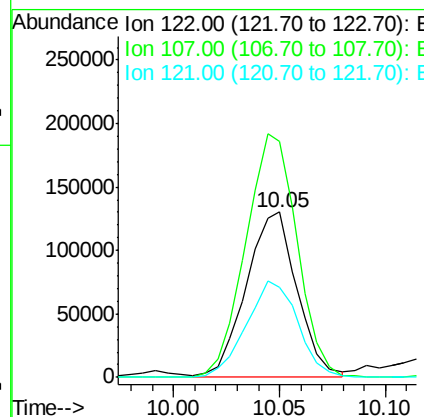
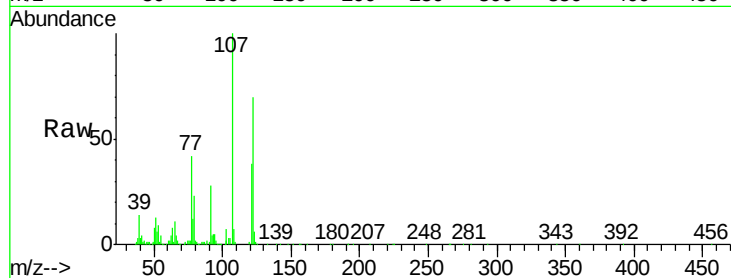




#27
 2,4-Dimethylphenol
 Concen: 48.19 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

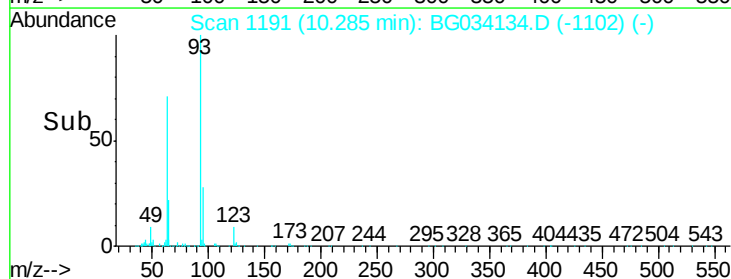
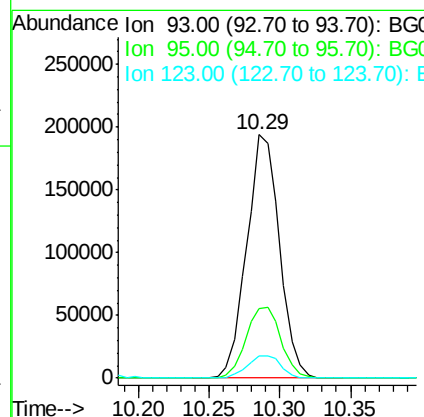
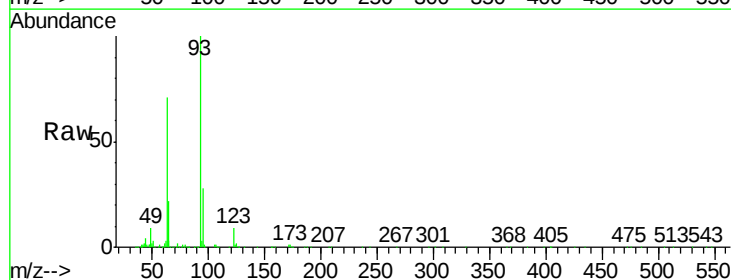
Instrument :
 BNA_G
 ClientSampled :

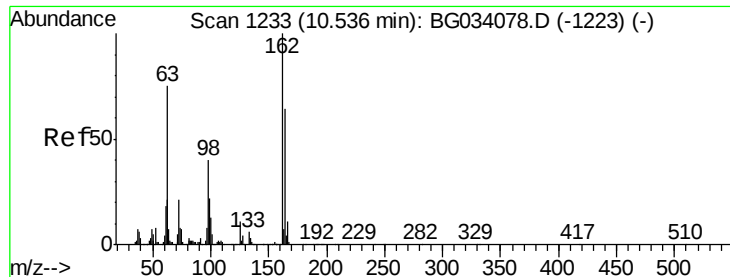
Tot Ion:122 Resp: 216342
 Ion Ratio Lower Upper
 122 100
 107 142.9 100.2 150.2
 121 54.4 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.11 ng
 RT: 10.29 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

Tgt Ion: 93 Resp: 314808
 Ion Ratio Lower Upper
 93 100
 95 28.4 24.3 36.5
 123 8.9 8.4 12.6

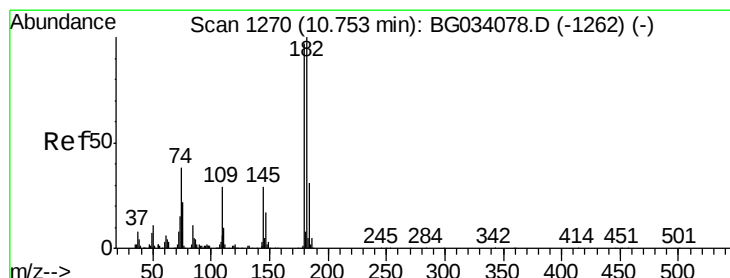
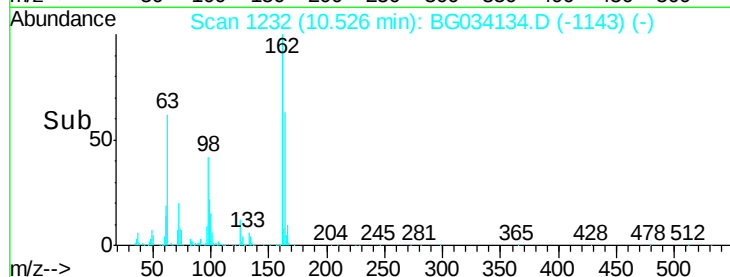
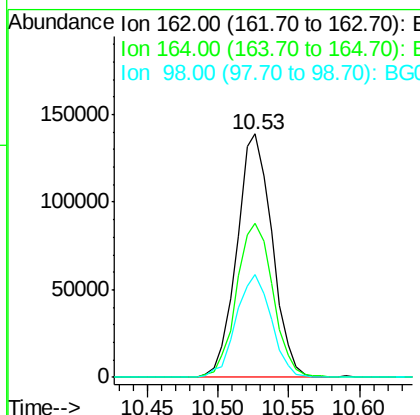
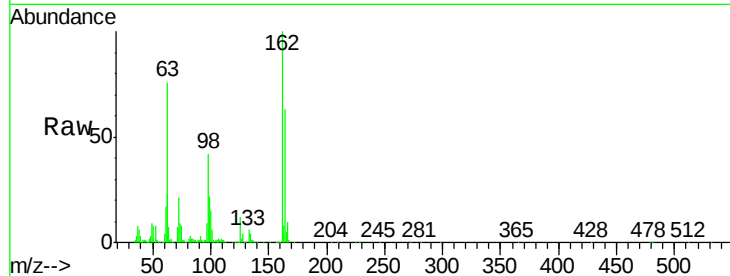




#29
2,4-Dichlorophenol
Concen: 45.15 ng
RT: 10.53 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

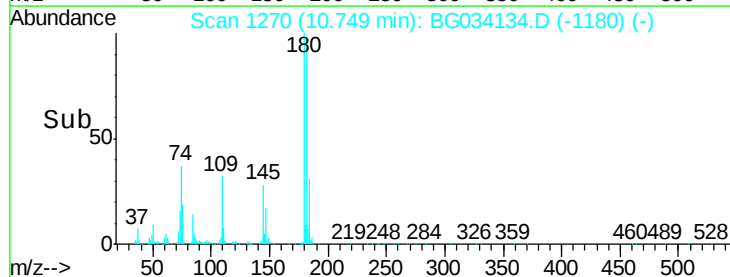
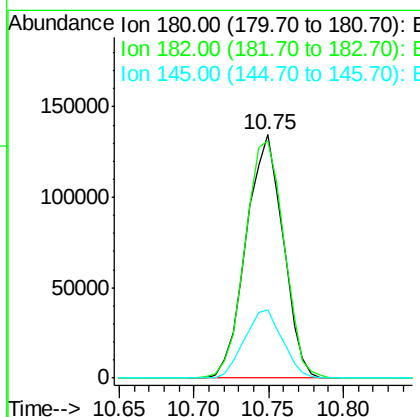
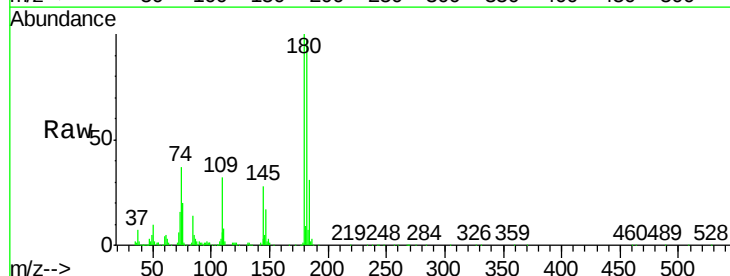
Instrument :
BNA_G
ClientSampleId :

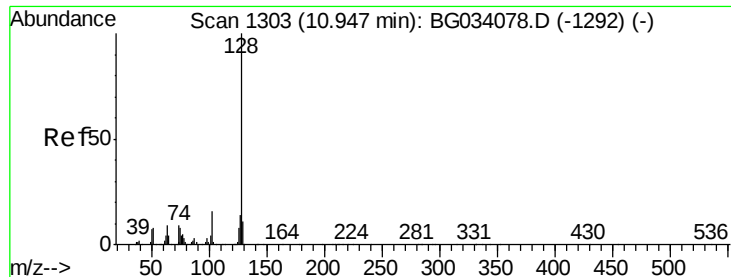
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	48.0	88.0
98	42.4	21.1	61.1



#30
1,2,4-Trichlorobenzene
Concen: 35.54 ng
RT: 10.75 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.5	116.3
145	28.3	23.4	35.2

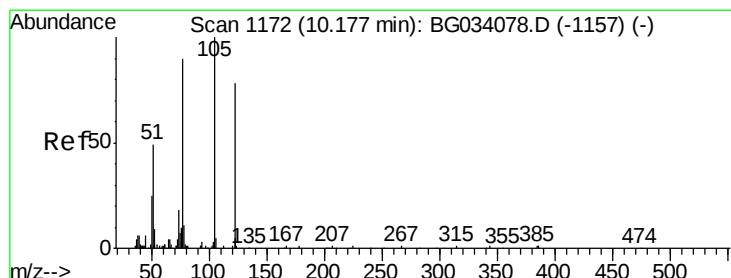
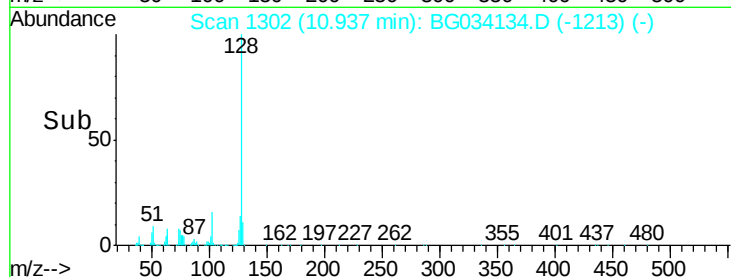
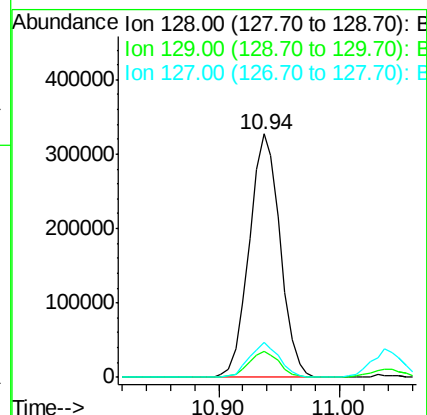
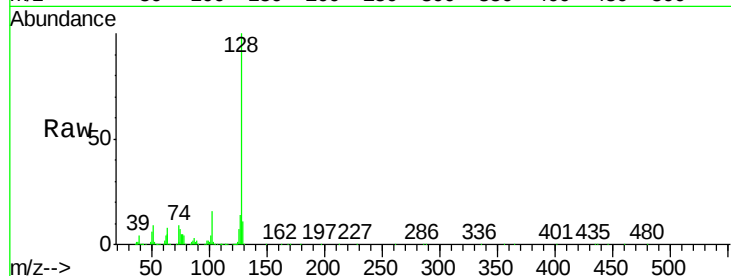




#31
Naphthalene
Concen: 37.73 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

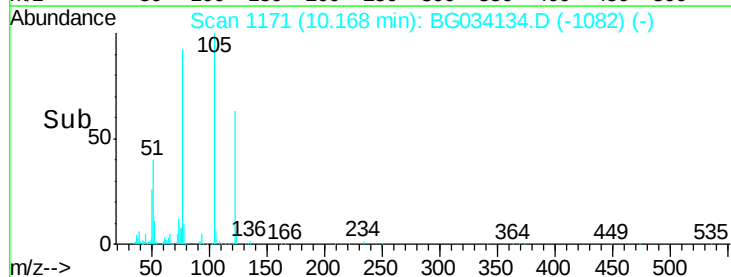
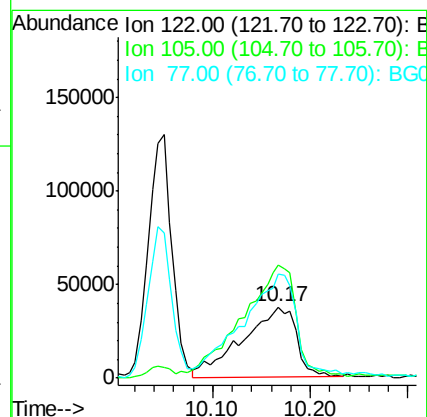
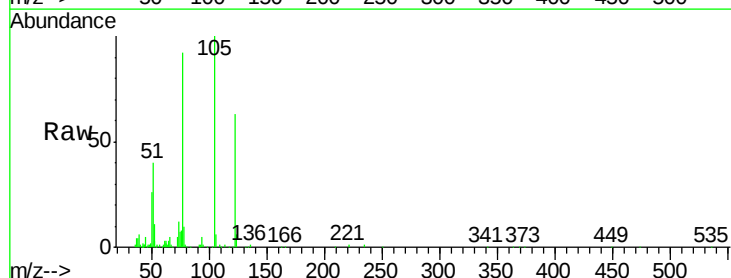
Instrument :
BNA_G
ClientSampleId :

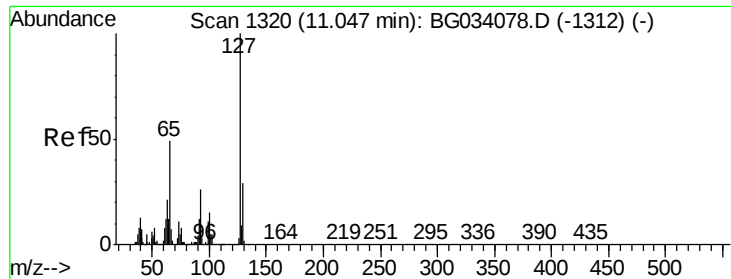
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	14.4	11.6	17.4



#32
Benzoic acid
Concen: 37.33 ng
RT: 10.17 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	159.8	123.5	163.5
77	147.5	85.7	125.7#

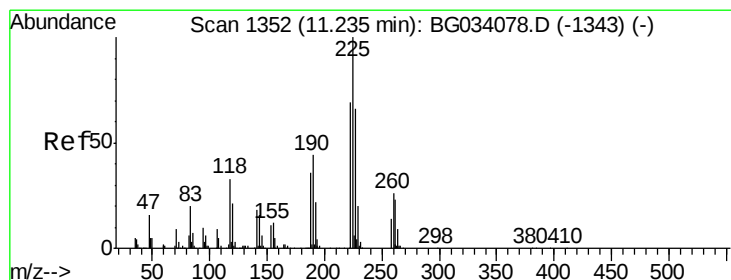
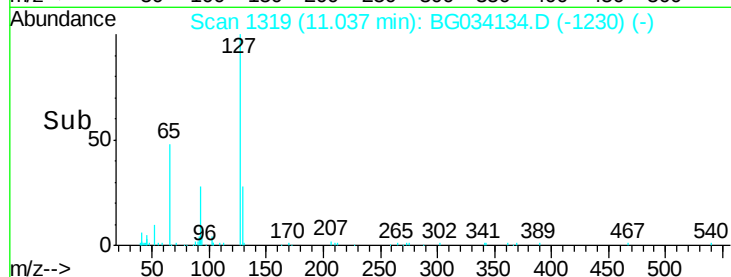
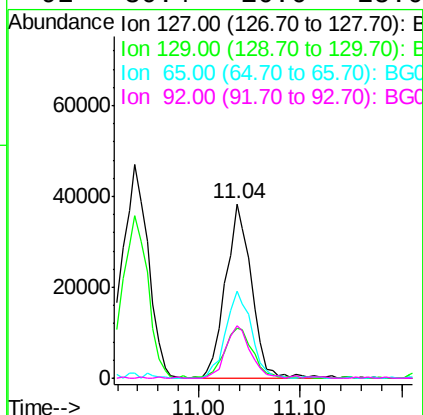
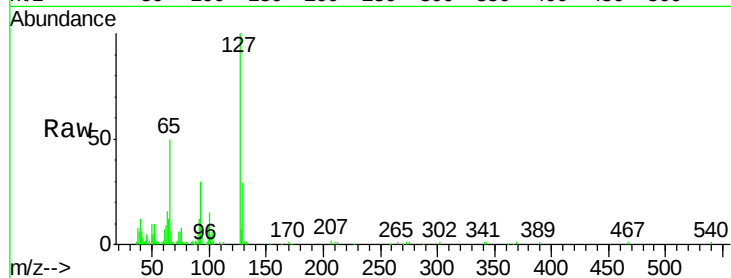




#33
4-Chloroaniline
Concen: 9.86 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

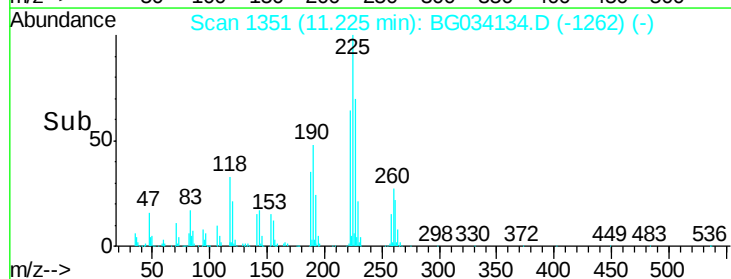
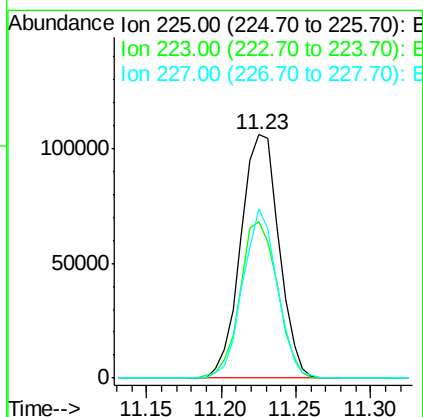
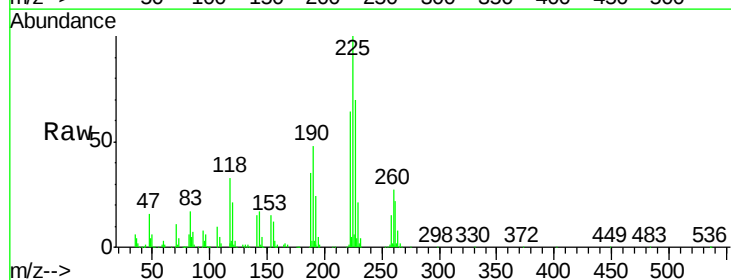
Instrument :
BNA_G
ClientSampleId :

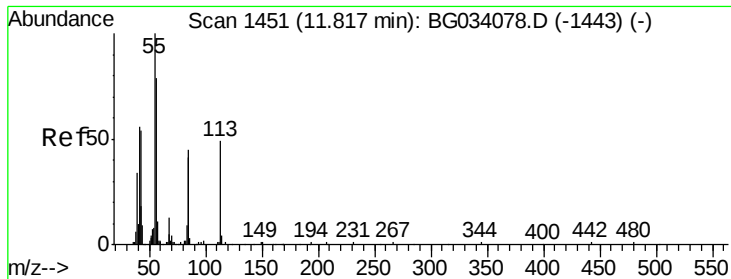
Tot Ion	Ratio	Lower	Upper
127	100		
129	28.9	24.0	36.0
65	50.0	27.0	40.4#
92	30.4	16.6	25.0#



#34
Hexachlorobutadiene
Concen: 34.32 ng
RT: 11.23 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.7	74.5
227	69.8	48.1	72.1

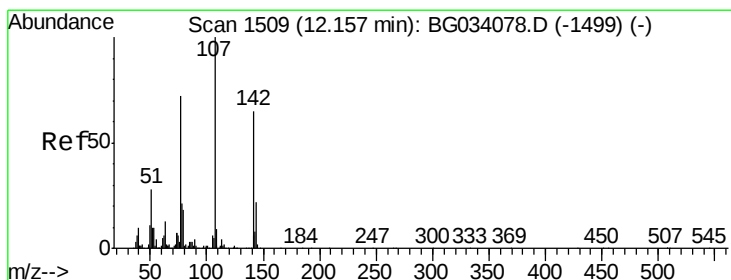
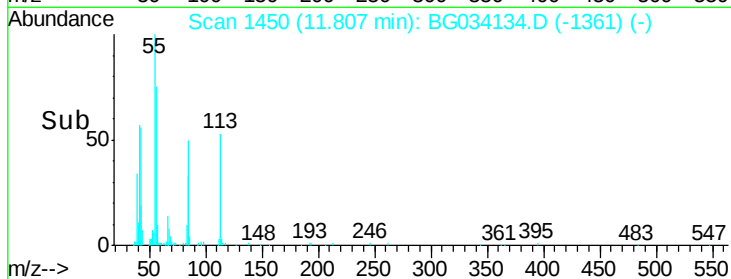
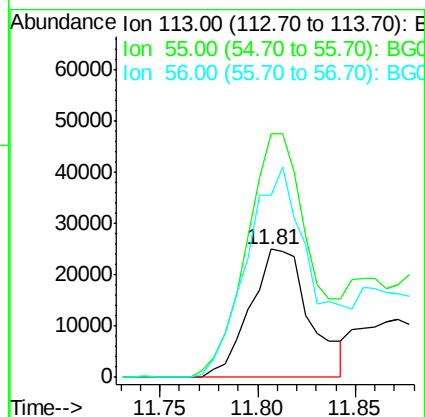
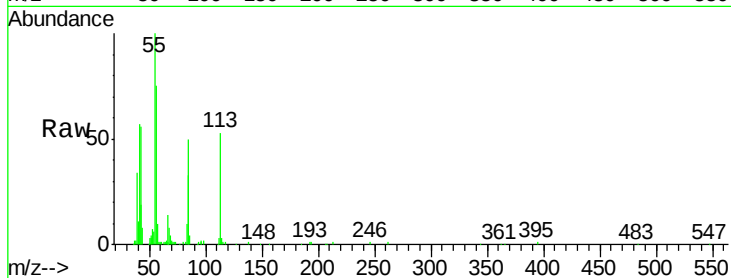




#35
 Caprolactam
 Concen: 27.66 ng
 RT: 11.81 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

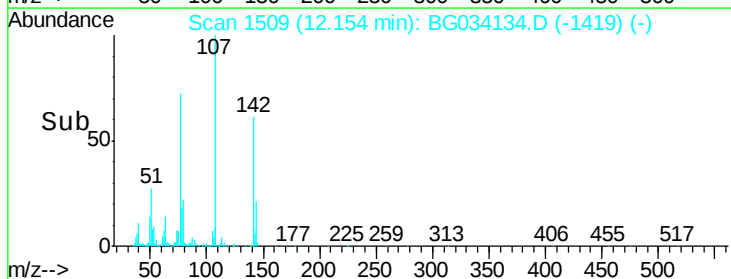
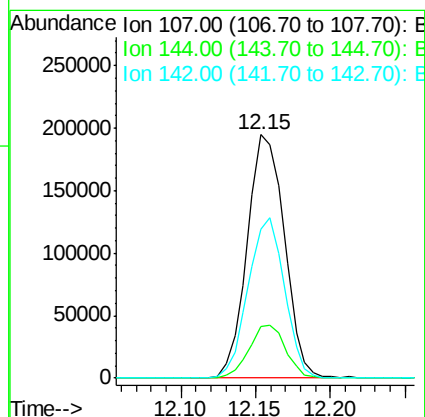
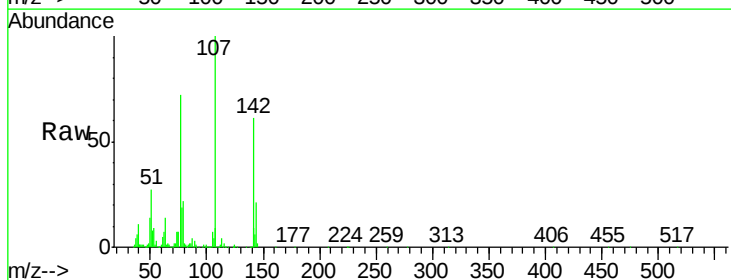
Instrument :
 BNA_G
 ClientSampleId :

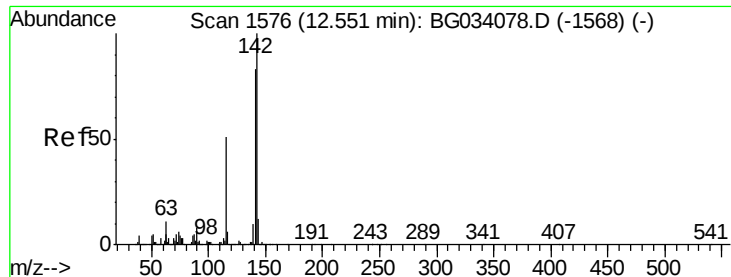
Tot Ion:113 Resp: 52731
 Ion Ratio Lower Upper
 113 100
 55 190.0 186.9 226.9
 56 141.9 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 48.13 ng
 RT: 12.15 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

Tgt Ion:107 Resp: 334882
 Ion Ratio Lower Upper
 107 100
 144 21.3 18.2 27.4
 142 61.4 59.0 88.4

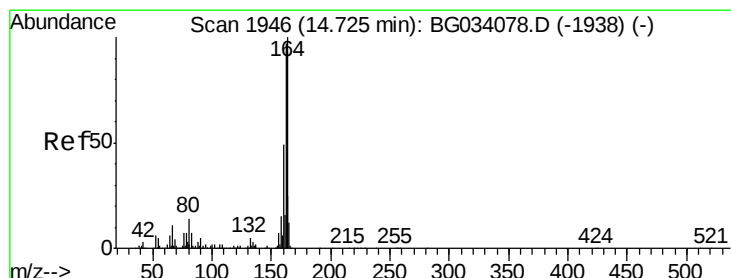
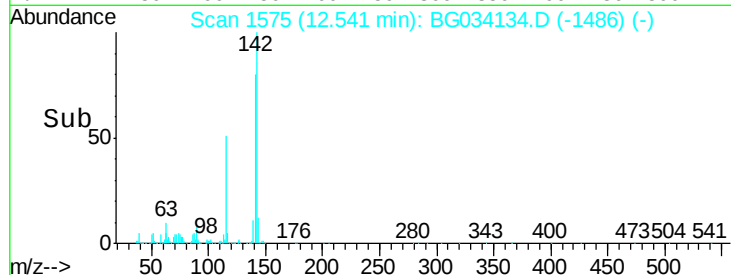
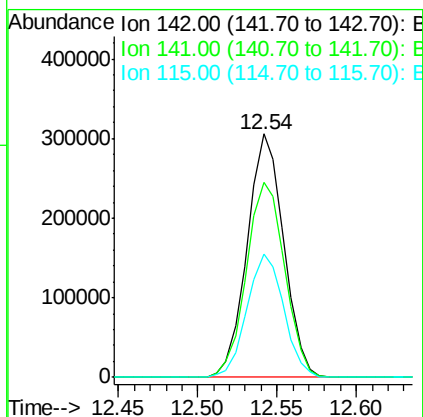
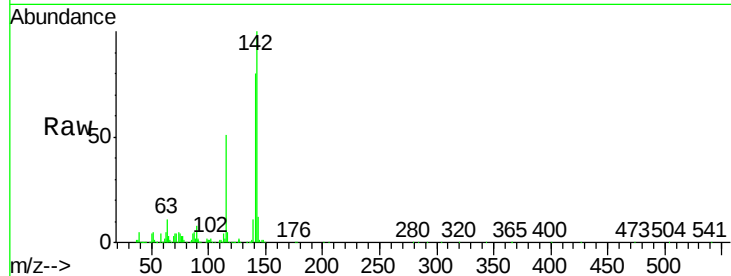




#37
 2-Methylnaphthalene
 Concen: 39.20 ng
 RT: 12.54 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

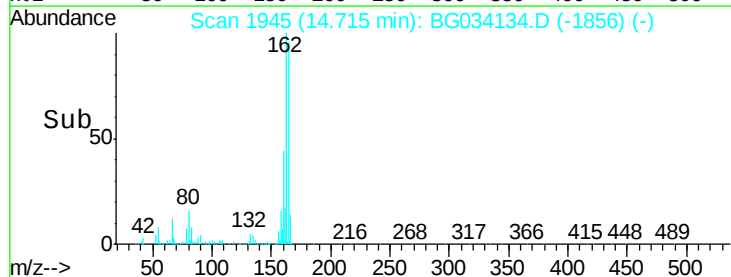
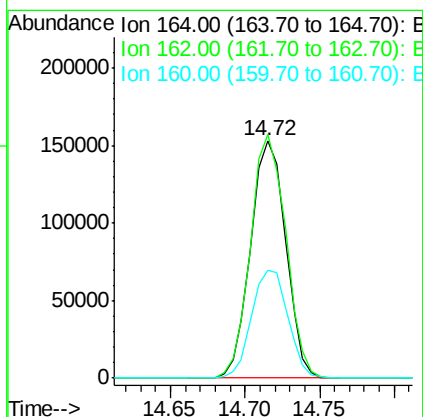
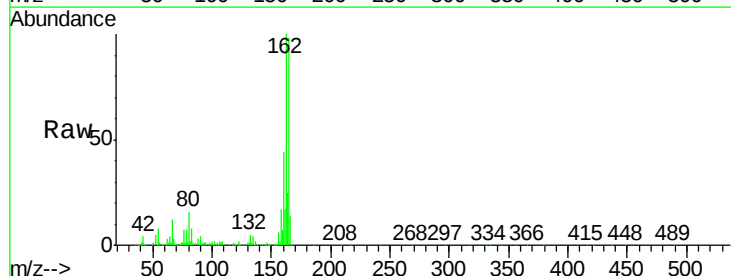
Instrument :
 BNA_G
 ClientSampleId :

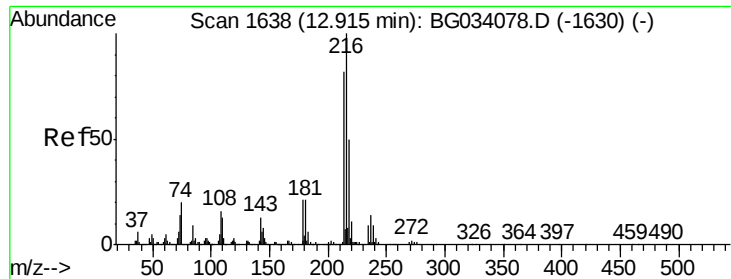
Tot Ion	Ratio	Lower	Upper
142	100		
141	80.2	67.1	100.7
115	50.8	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	78.8	118.2
160	45.5	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.41 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 350993

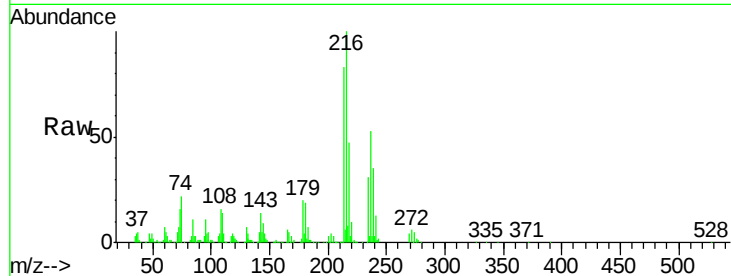
Ion Ratio Lower Upper

216 100

214 80.1 63.0 94.4

179 19.6 17.0 25.6

108 18.9 12.8 19.2

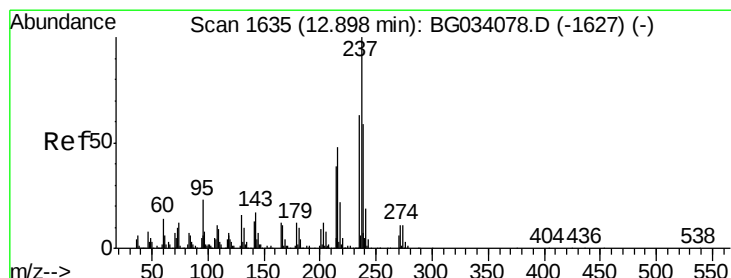
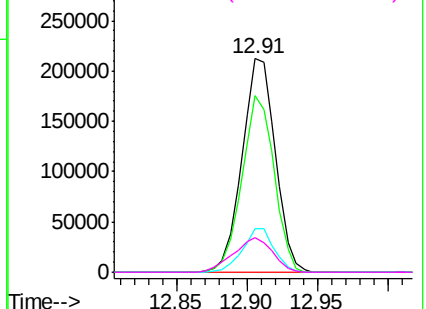
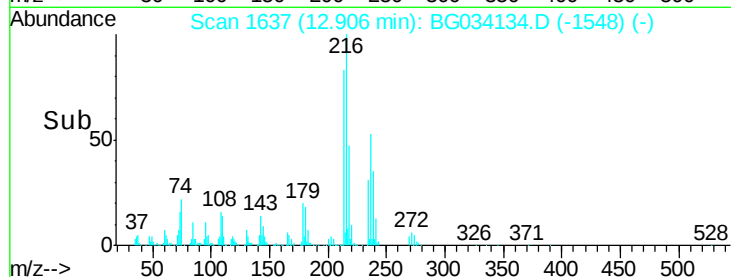


Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.11 ng

RT: 12.89 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

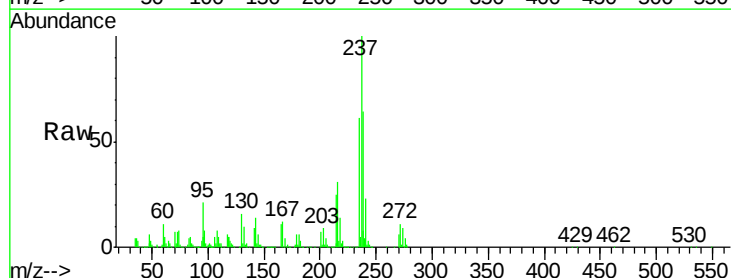
Tgt Ion:237 Resp: 451824

Ion Ratio Lower Upper

237 100

235 61.3 50.4 90.4

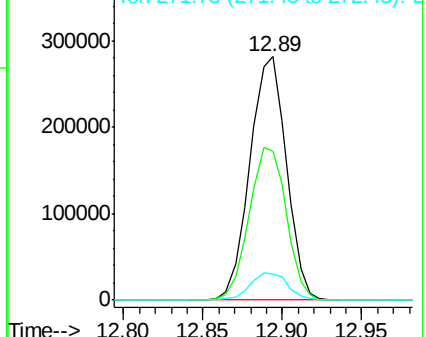
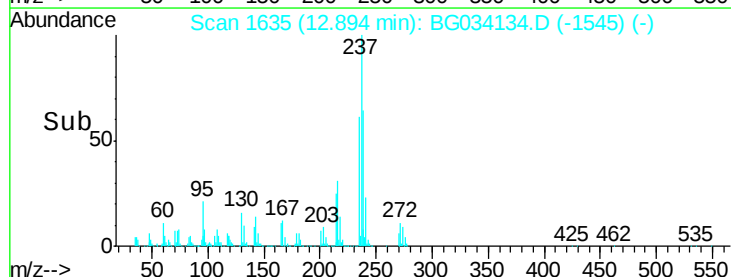
272 10.6 0.0 31.8

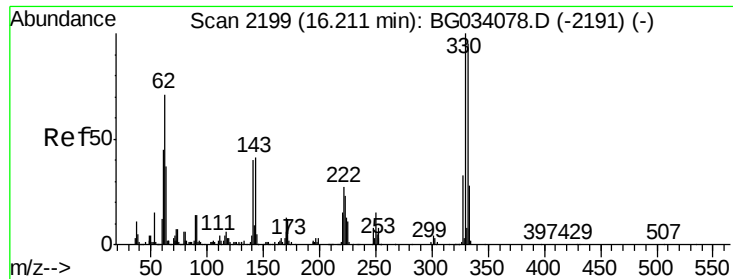


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

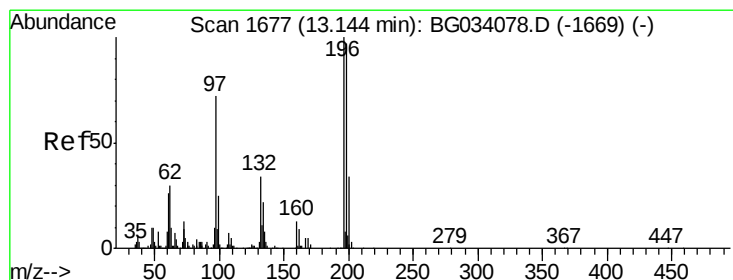
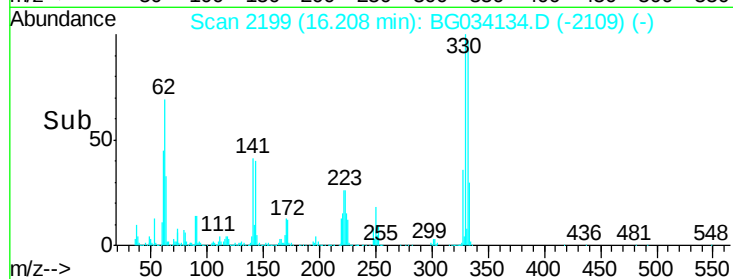
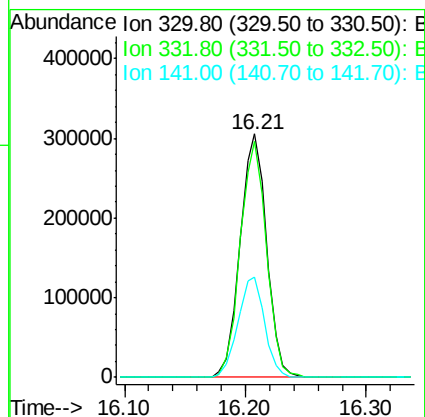
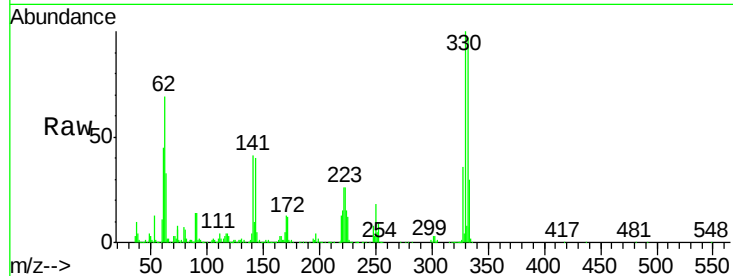




#41
 2,4,6-Tribromophenol
 Concen: 135.77 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

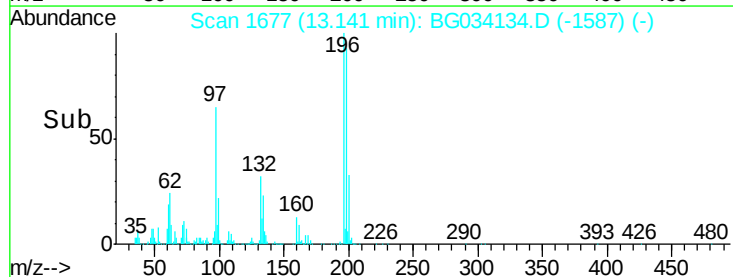
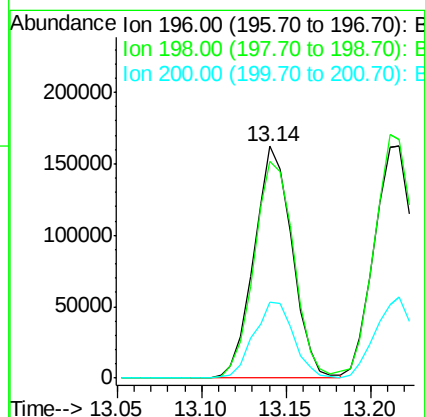
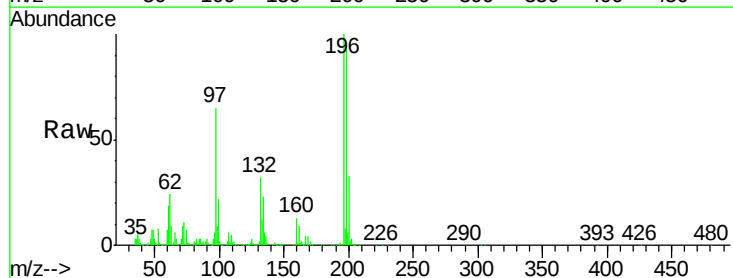
Instrument :
 BNA_G
 ClientSampled :

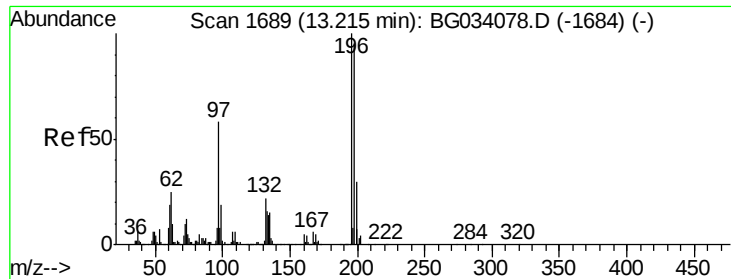
Tot Ion:330 Resp: 468297
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 41.3 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 45.18 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

Tgt Ion:196 Resp: 253036
 Ion Ratio Lower Upper
 196 100
 198 93.5 78.2 117.2
 200 32.6 24.6 36.8

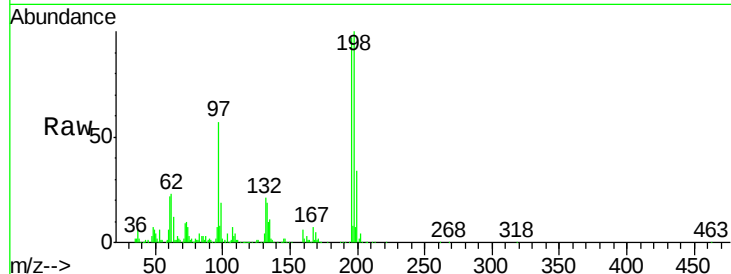




#43
2,4,5-Trichlorophenol
Concen: 43.48 ng
RT: 13.22 min Scan# 1690
Delta R.T. 0.00 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	102.8	76.2	114.4
97	58.4	38.7	58.1#
132	21.4	20.2	30.2



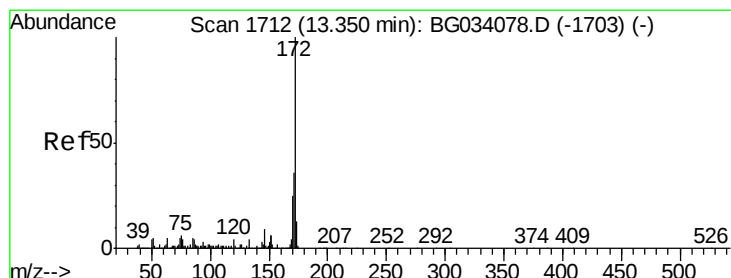
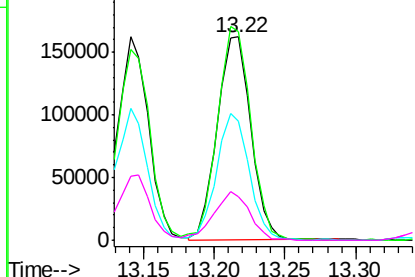
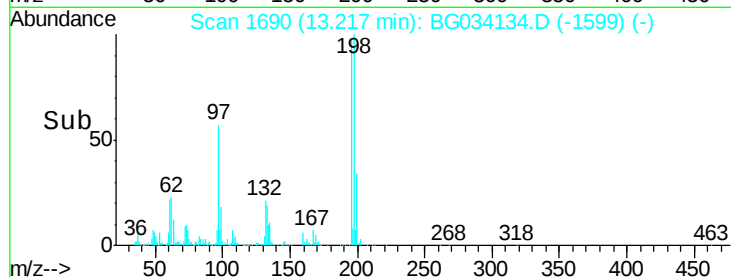
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

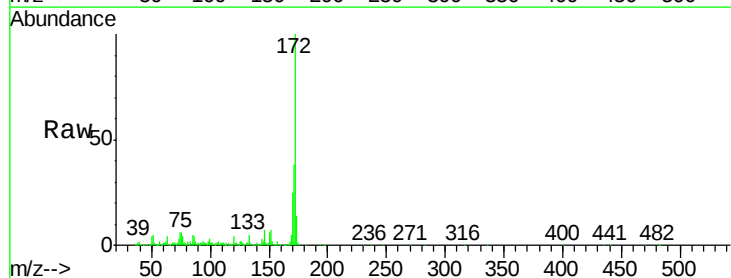
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 80.99 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	25.3	19.5	29.3

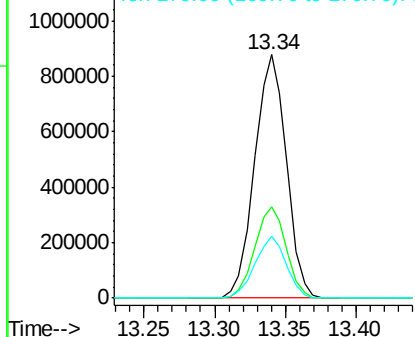
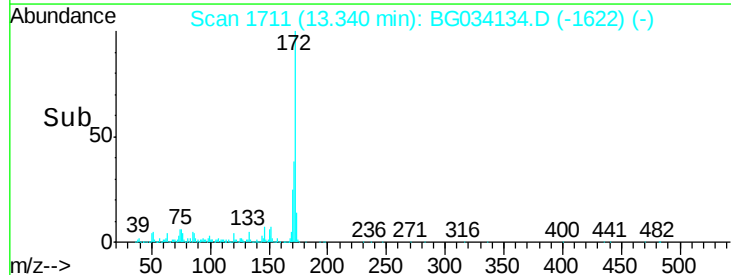


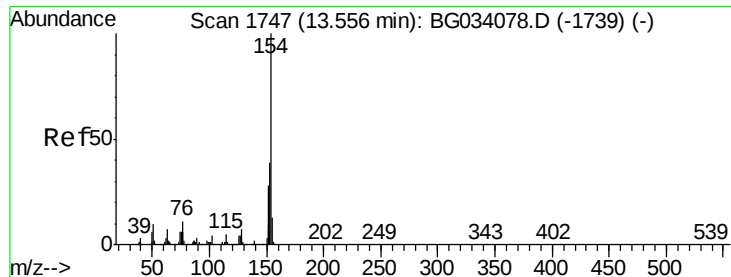
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.39 ng

RT: 13.55 min Scan# 1747

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

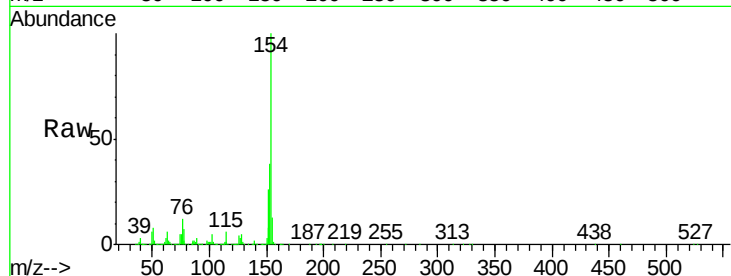
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 727667

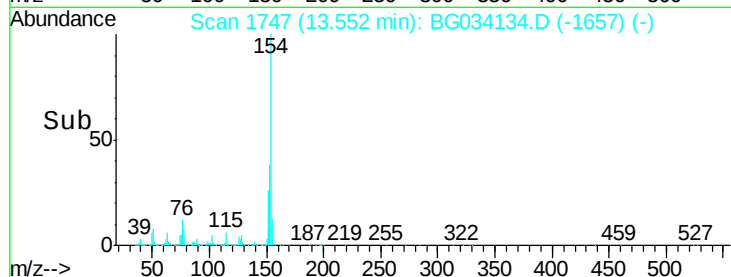
Ion	Ratio	Lower	Upper
154	100		
153	38.3	19.8	59.8
76	11.6	0.0	31.9



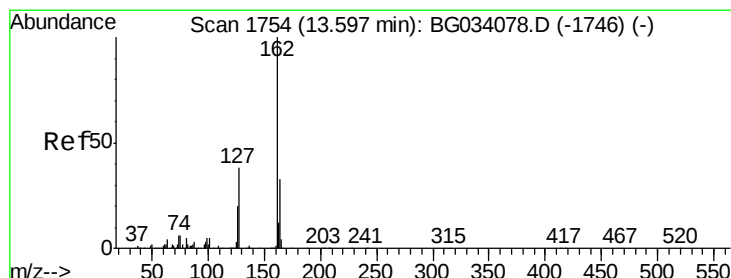
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



Time-->



#46

2-Chloronaphthalene

Concen: 37.24 ng

RT: 13.59 min Scan# 1754

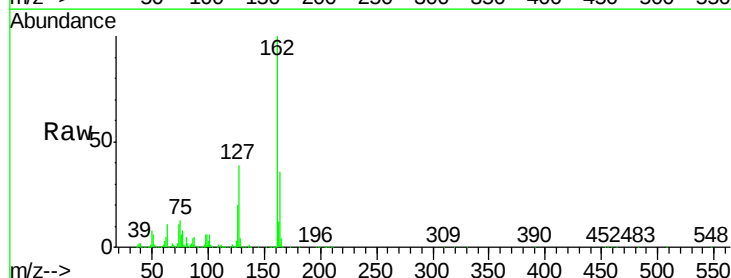
Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Tgt Ion:162 Resp: 548687

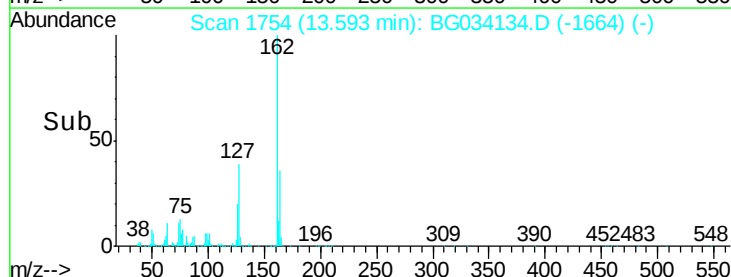
Ion	Ratio	Lower	Upper
162	100		
127	39.2	30.7	46.1
164	36.4	26.0	39.0



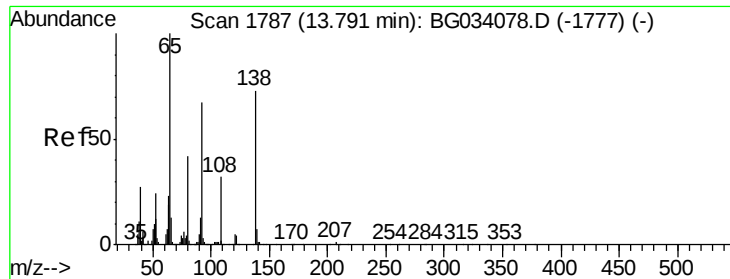
Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->



#47

2-Nitroaniline

Concen: 44.77 ng

RT: 13.79 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

ClientSampled :

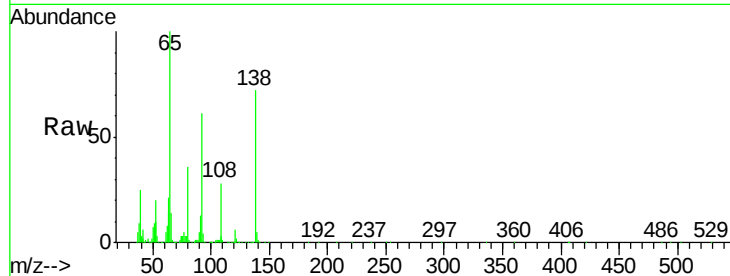
Tot Ion: 65 Resp: 263719

Ion Ratio Lower Upper

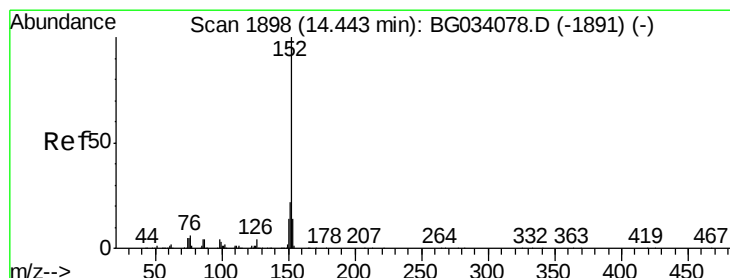
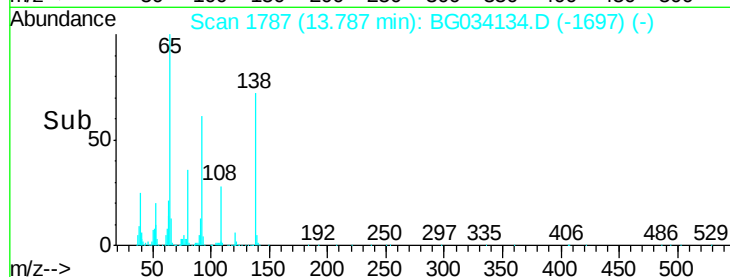
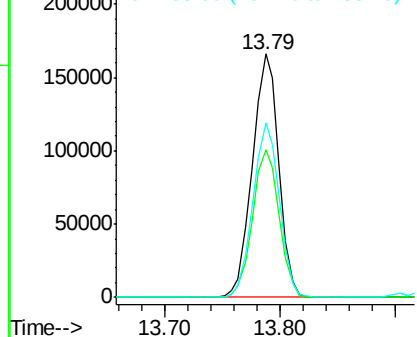
65 100

92 60.8 54.6 82.0

138 71.6 72.9 109.3#



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



#48

Acenaphthylene

Concen: 37.54 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

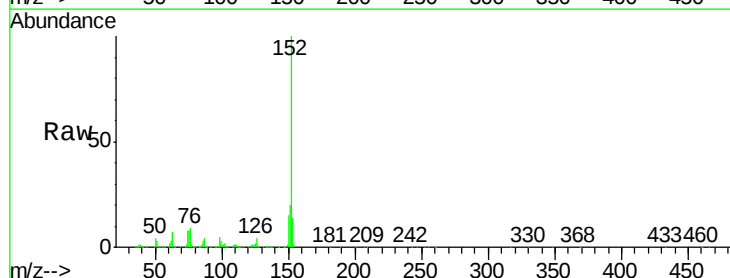
Tgt Ion: 152 Resp: 883087

Ion Ratio Lower Upper

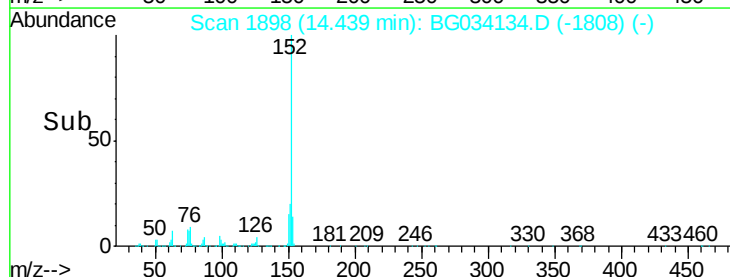
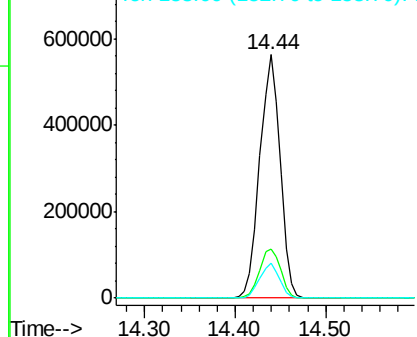
152 100

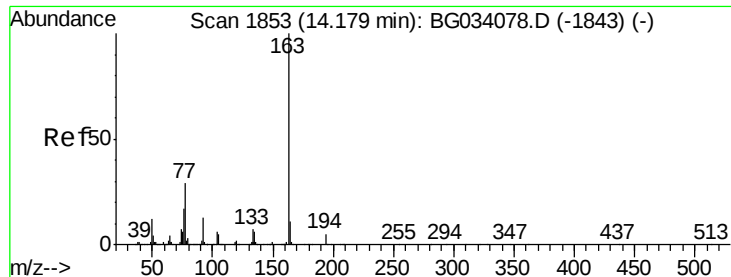
151 20.3 17.2 25.8

153 14.2 10.2 15.4



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





#49

Dimethylphthalate

Concen: 38.69 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

ClientSampled :

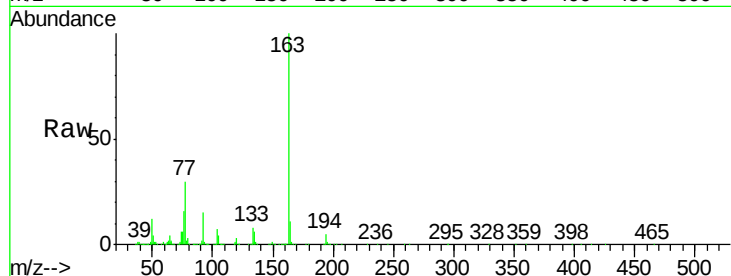
Tot Ion:163 Resp: 835682

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

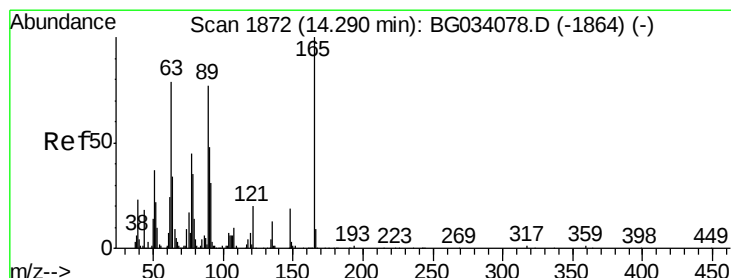
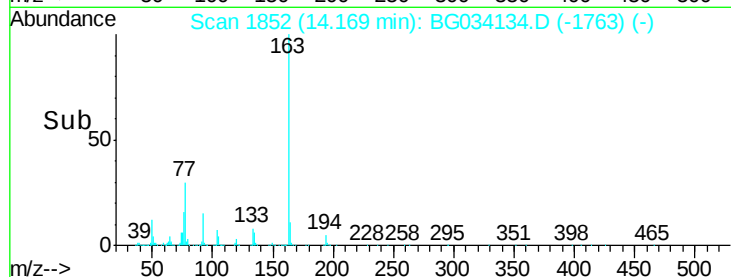
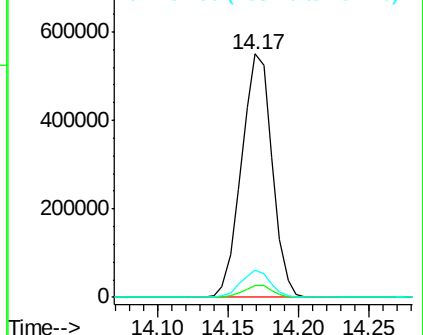
164 11.5 8.2 12.4



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: 45.36 ng

RT: 14.29 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

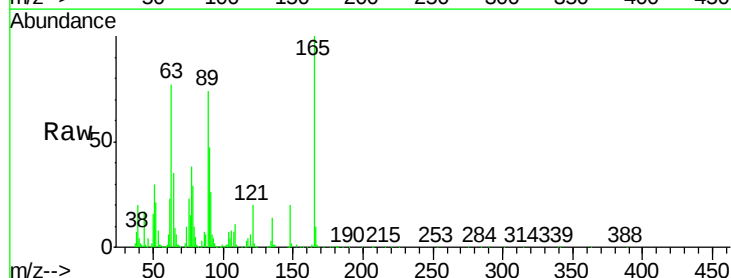
Tgt Ion:165 Resp: 188160

Ion Ratio Lower Upper

165 100

63 76.8 52.7 79.1

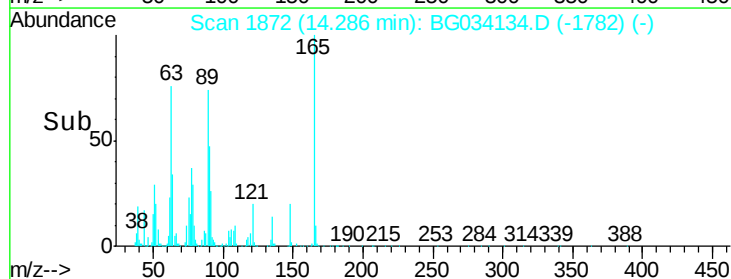
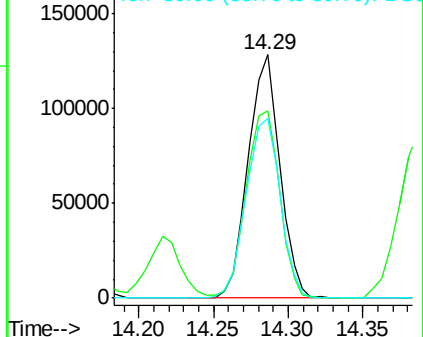
89 73.6 49.2 73.8

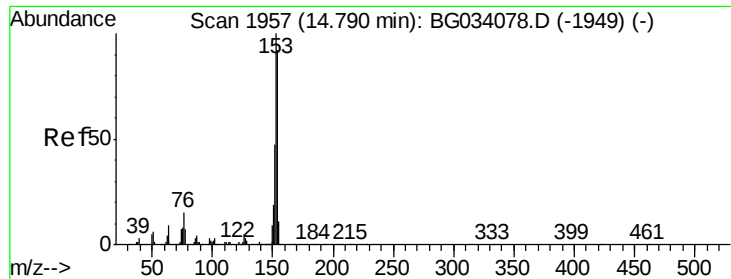


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 41.52 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

ClientSampleId :

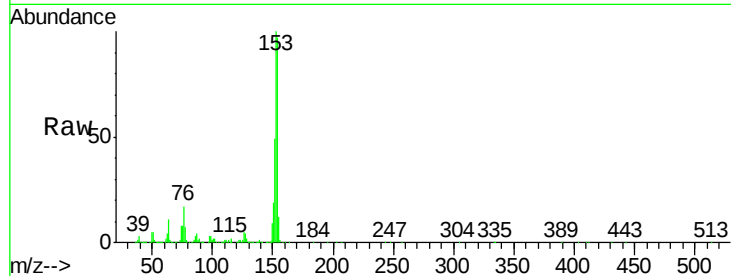
Tot Ion:154 Resp: 663740

Ion Ratio Lower Upper

154 100

153 103.4 90.4 135.6

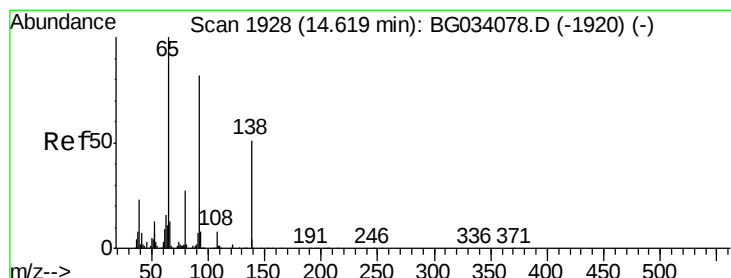
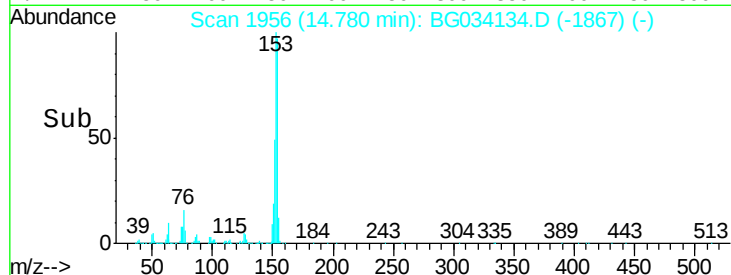
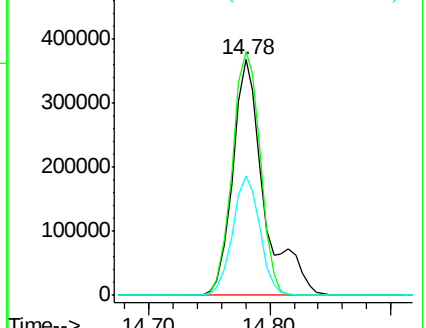
152 51.0 41.6 62.4



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: 19.34 ng

RT: 14.61 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

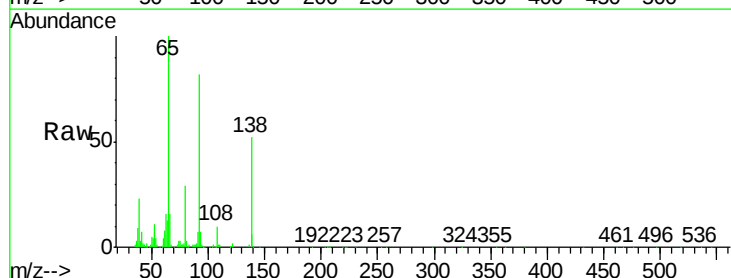
Tgt Ion:138 Resp: 80878

Ion Ratio Lower Upper

138 100

108 19.1 17.5 26.3

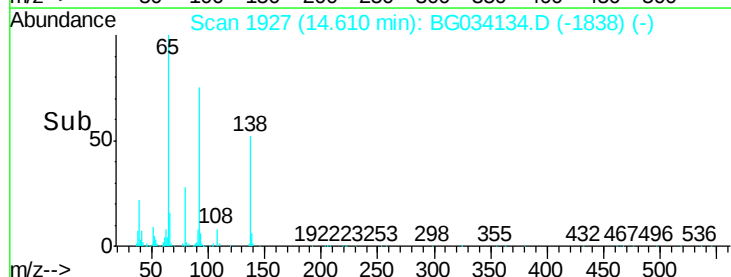
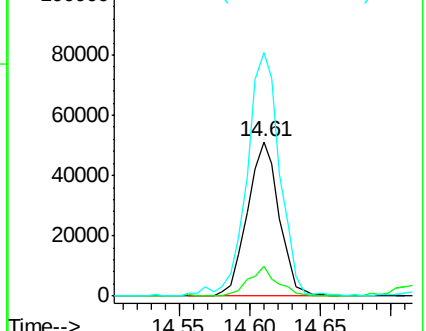
92 157.6 105.8 158.8

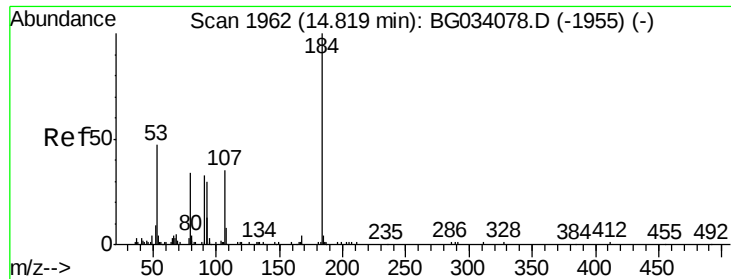


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

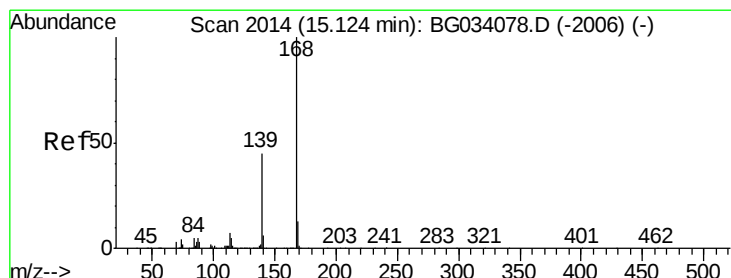
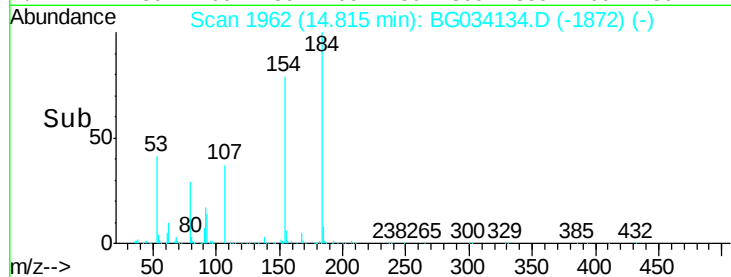
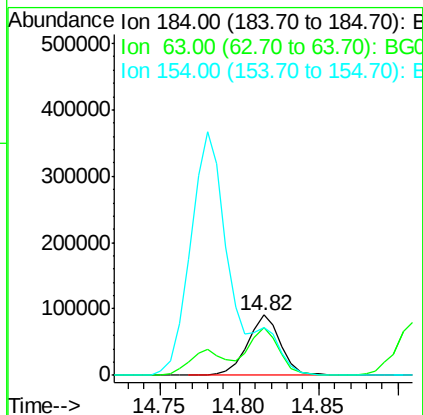
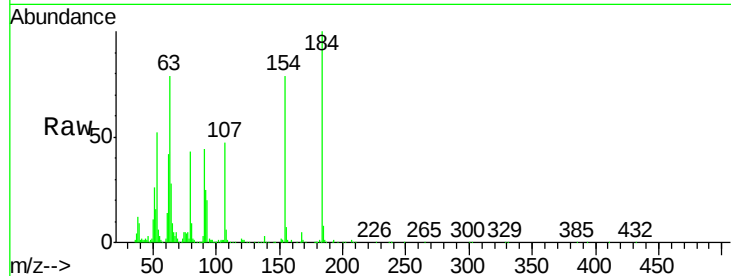




#53
2,4-Dinitrophenol
Concen: 80.20 ng
RT: 14.82 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

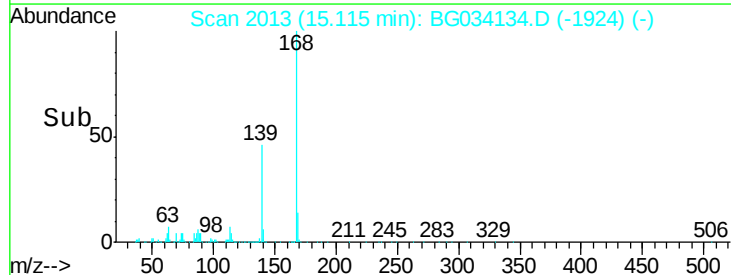
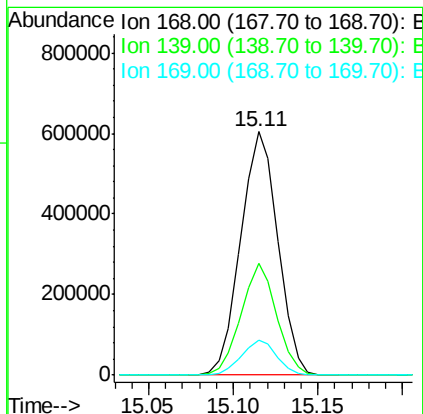
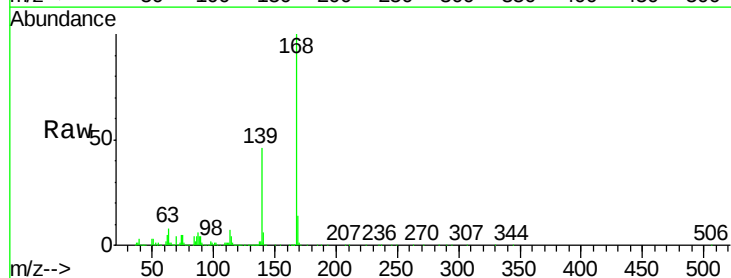
Instrument :
BNA_G
ClientSampled :

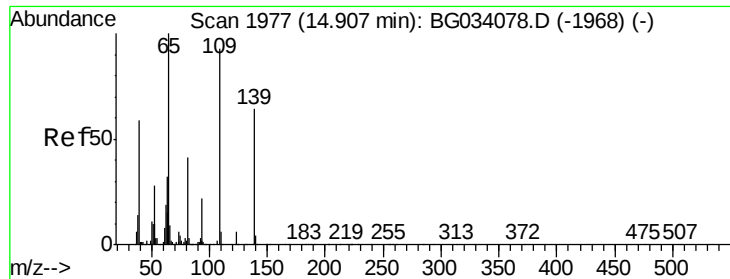
Tot Ion	Ratio	Lower	Upper
184	100		
63	79.4	59.8	89.8
154	79.1	101.8	152.8#



#54
Dibenzofuran
Concen: 39.86 ng
RT: 15.11 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
168	100		
139	46.0	28.6	43.0#
169	14.5	11.2	16.8





#55

4-Nitrophenol

Concen: 90.44 ng

RT: 14.92 min Scan# 1979

Delta R.T. 0.01 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

ClientSampleId :

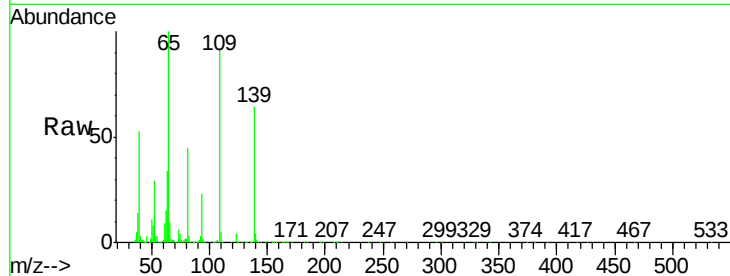
Tot Ion:139 Resp: 288627

Ion Ratio Lower Upper

139 100

109 144.6 62.2 102.2#

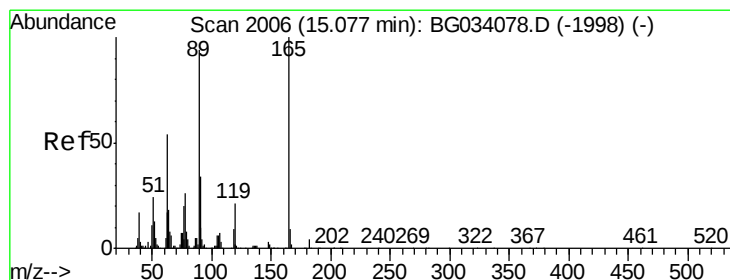
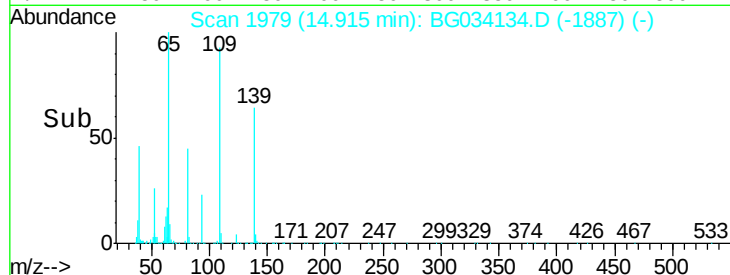
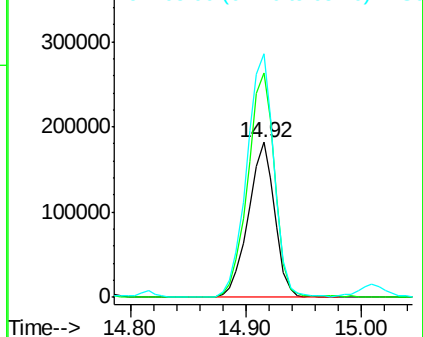
65 157.3 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 47.79 ng

RT: 15.07 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Tgt Ion:165 Resp: 269193

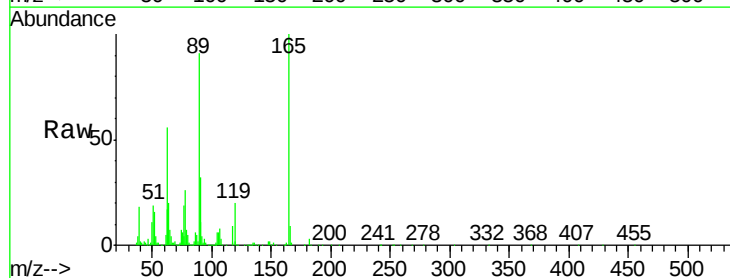
Ion Ratio Lower Upper

165 100

63 55.6 42.0 63.0

89 90.8 66.9 100.3

182 3.5 2.6 3.8

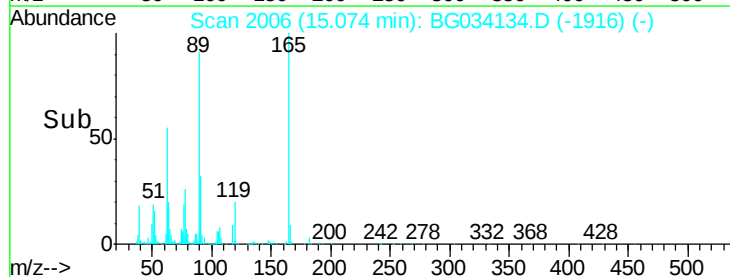
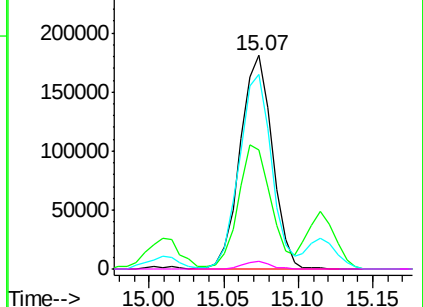


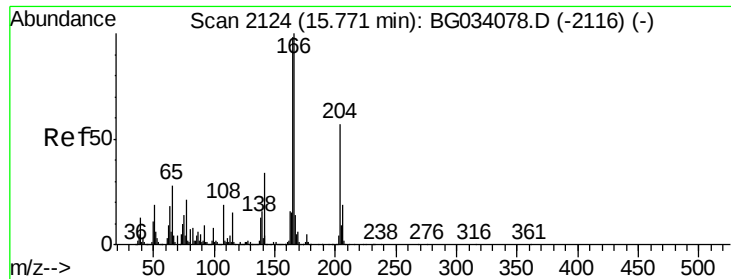
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

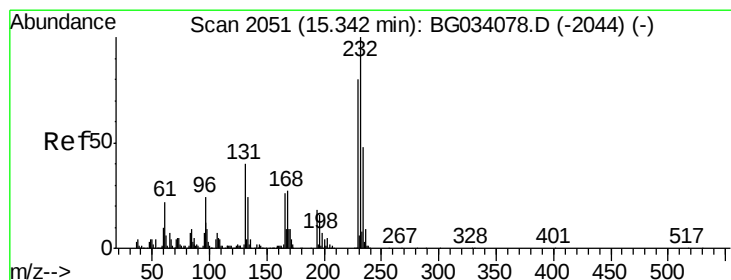
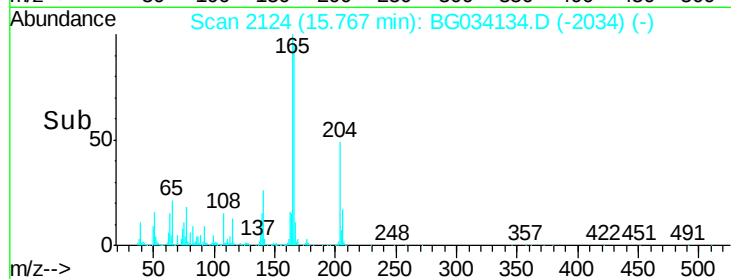
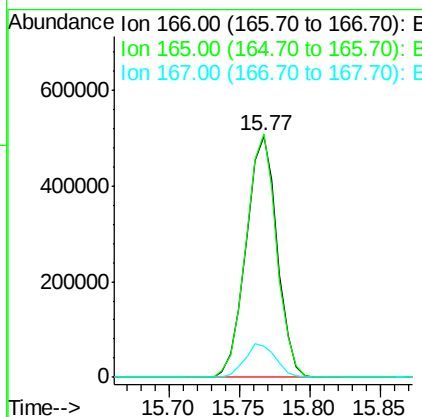
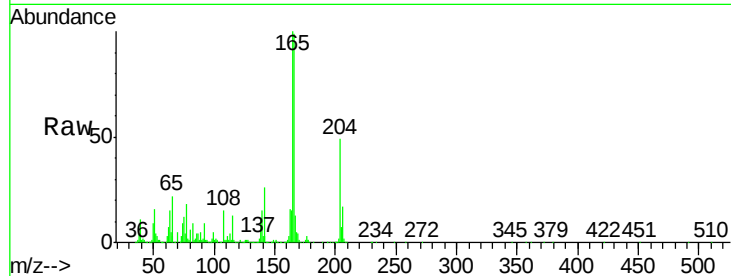




#57
Fluorene
 Concen: 38.52 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

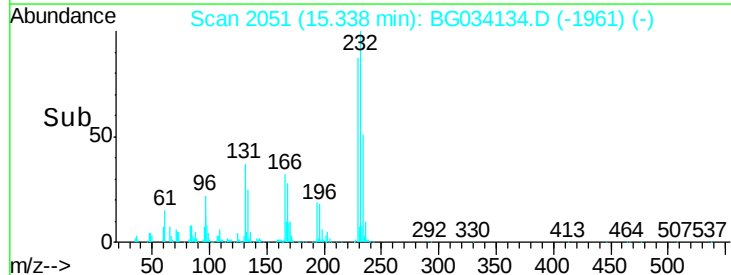
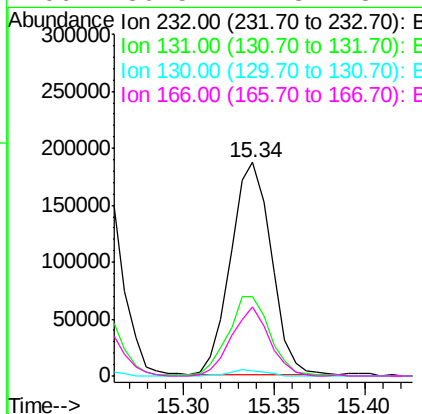
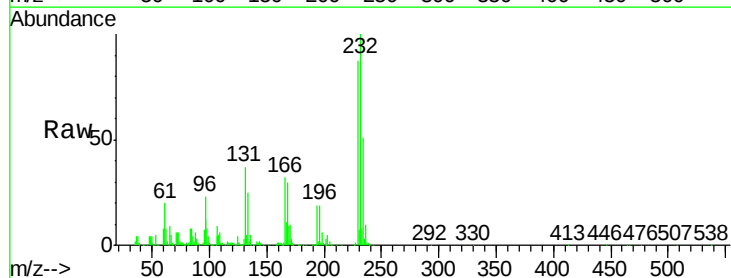
Instrument :
 BNA_G
 ClientSampleId :

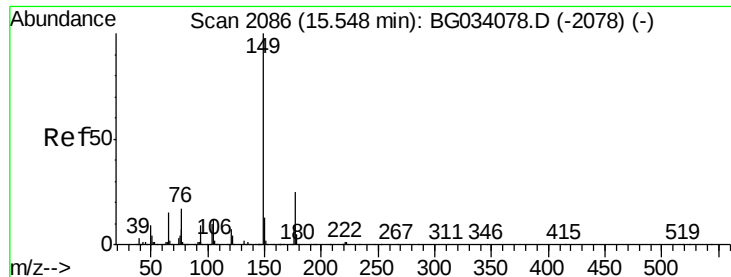
Tot Ion:166 Resp: 778088
 Ion Ratio Lower Upper
 166 100
 165 100.8 80.6 121.0
 167 13.1 10.4 15.6



#58
2,3,4,6-Tetrachlorophenol
 Concen: 45.51 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

Tgt Ion:232 Resp: 291464
 Ion Ratio Lower Upper
 232 100
 131 38.5 33.5 50.3
 130 2.5 2.2 3.2
 166 30.5 24.8 37.2





#59

Diethylphthalate

Concen: 38.60 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

ClientSampleId :

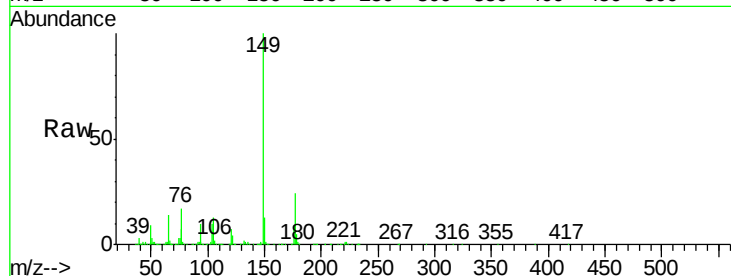
Tot Ion:149 Resp: 882246

Ion Ratio Lower Upper

149 100

177 24.3 18.5 27.7

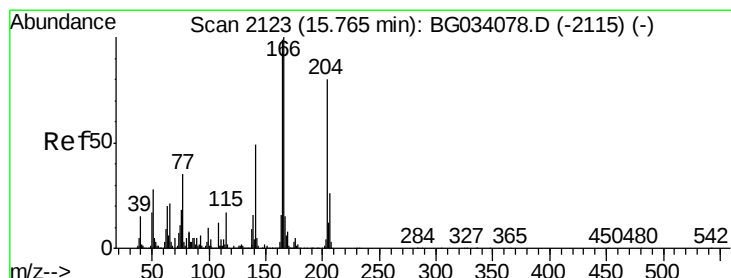
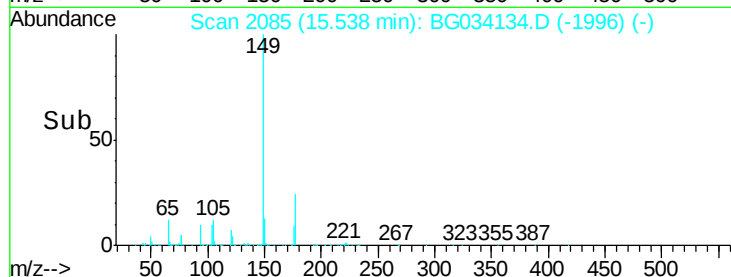
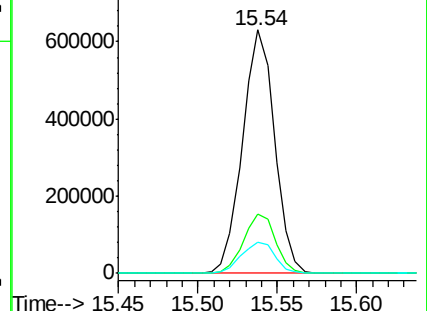
150 12.7 10.2 15.2



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: 40.57 ng

RT: 15.76 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

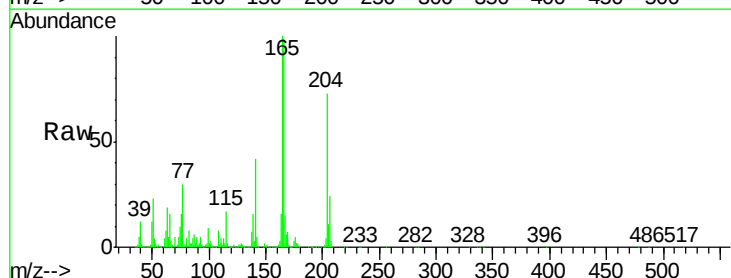
Tgt Ion:204 Resp: 487468

Ion Ratio Lower Upper

204 100

206 32.6 26.2 39.2

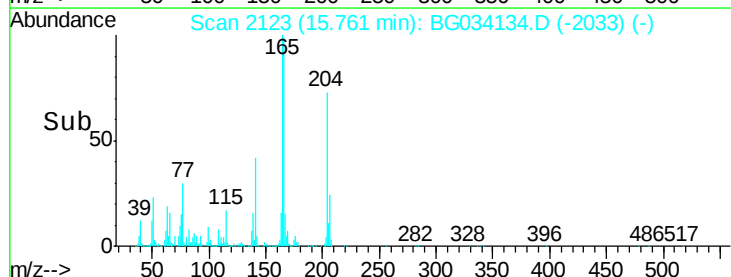
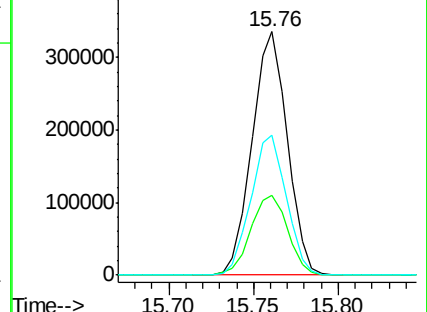
141 57.6 45.8 68.6

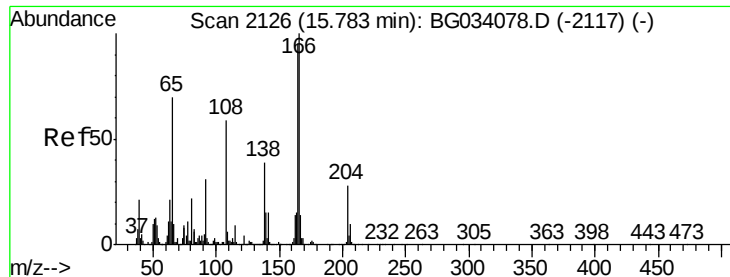


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.72 ng

RT: 15.78 min Scan# 2126

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

ClientSampled :

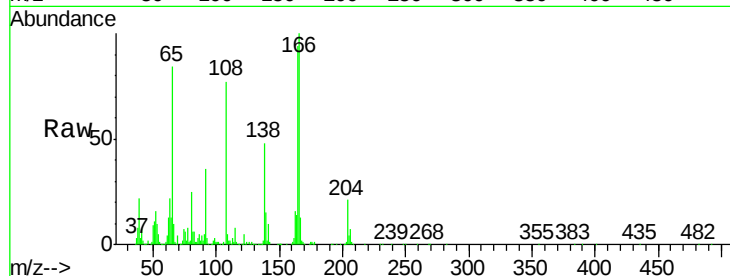
Tot Ion:138 Resp: 176179

Ion Ratio Lower Upper

138 100

92 76.0 40.1 80.1

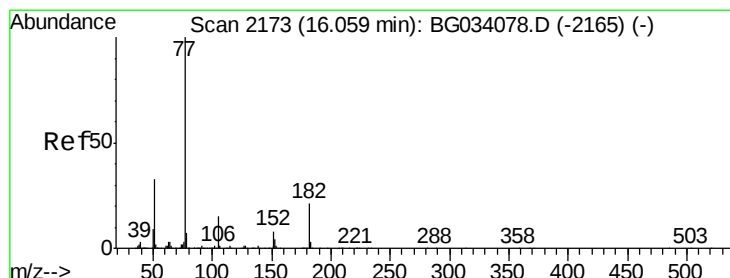
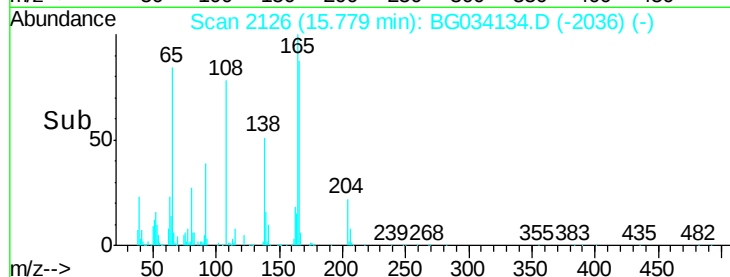
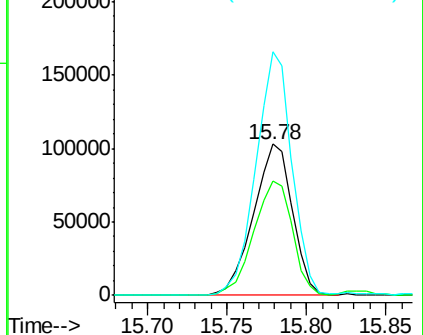
108 161.1 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.37 ng

RT: 16.05 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Tgt Ion: 77 Resp: 972000

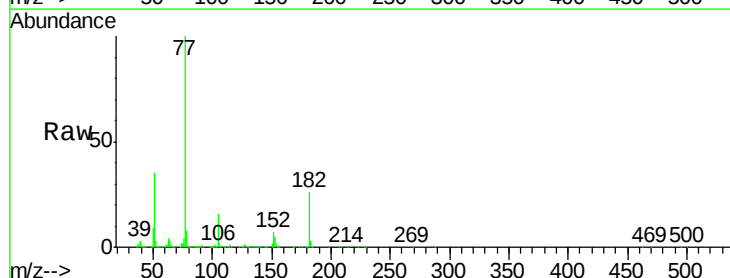
Ion Ratio Lower Upper

77 100

182 25.5 7.4 47.4

105 15.9 0.3 40.3

51 35.0 11.6 51.6

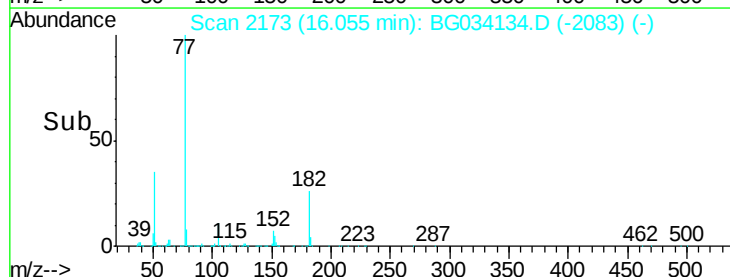
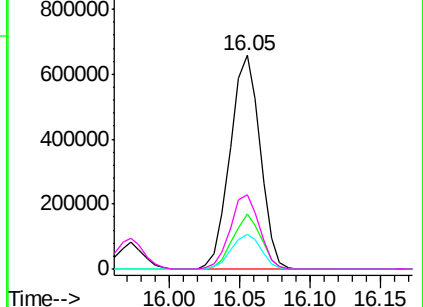


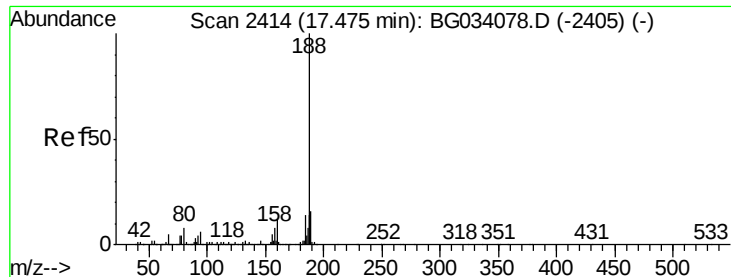
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

ClientSampleId :

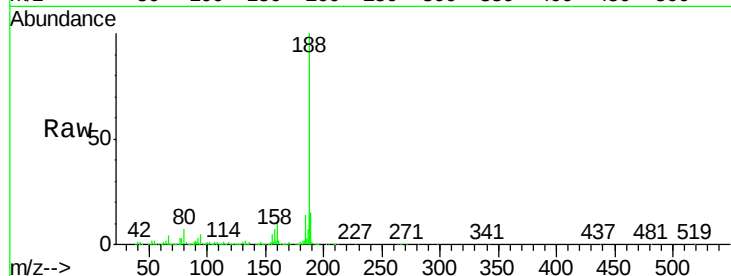
Tot Ion:188 Resp: 698646

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

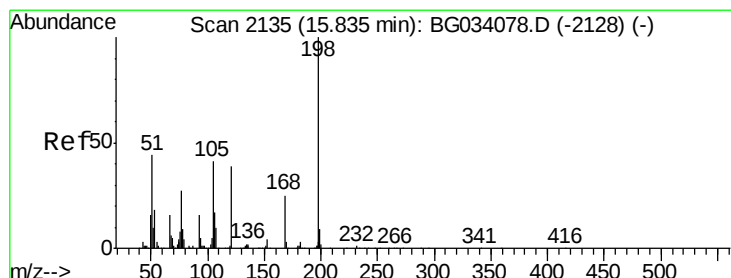
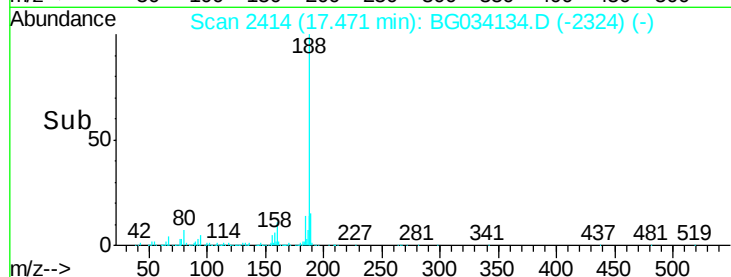
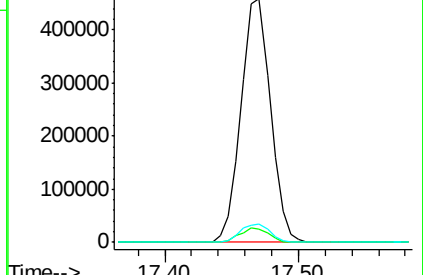
80 7.5 7.7 11.5#



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: 35.32 ng

RT: 15.83 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

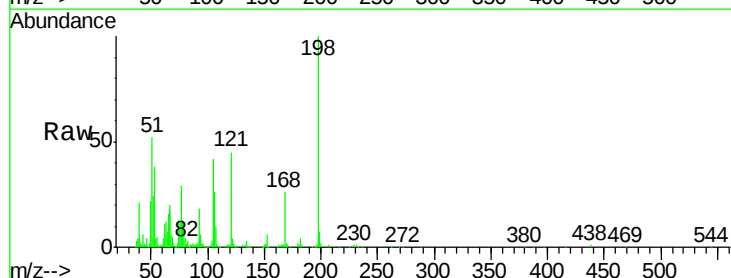
Tgt Ion:198 Resp: 116039

Ion Ratio Lower Upper

198 100

51 51.7 30.6 70.6

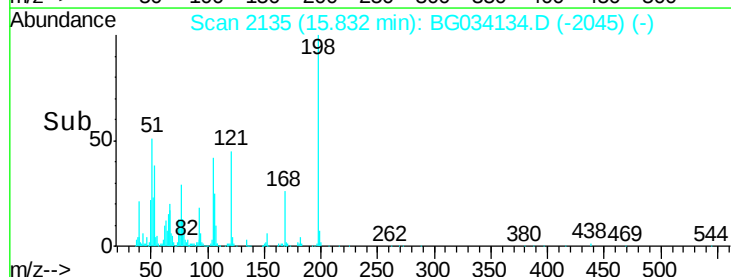
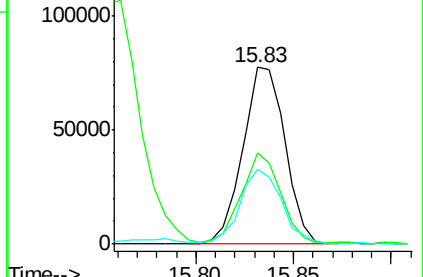
105 42.5 23.8 63.8

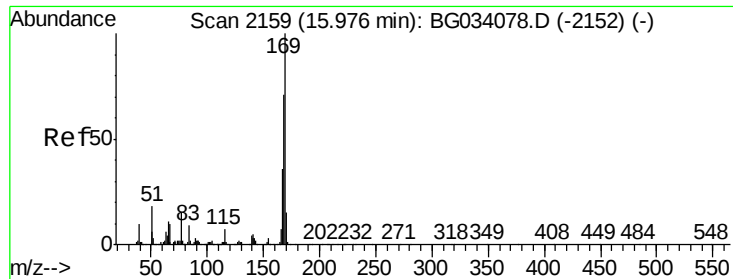


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.95 ng

RT: 15.97 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

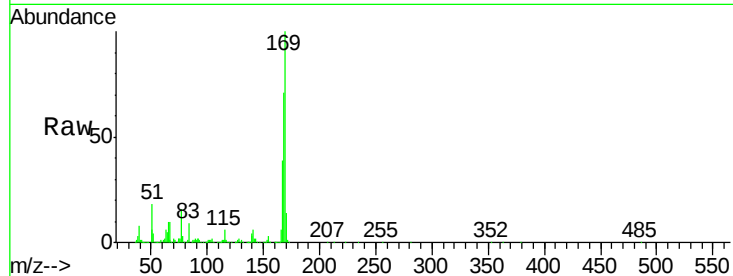
Instrument :

BNA_G

ClientSampleId :

Tot Ion:169 Resp: 722927

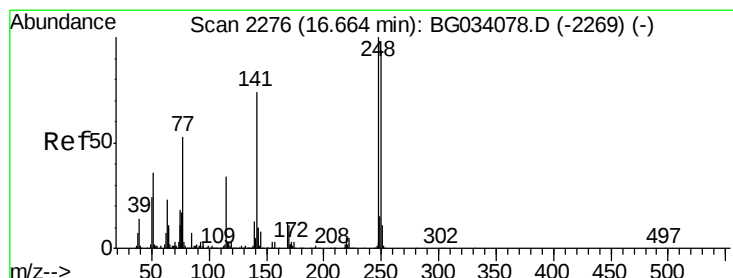
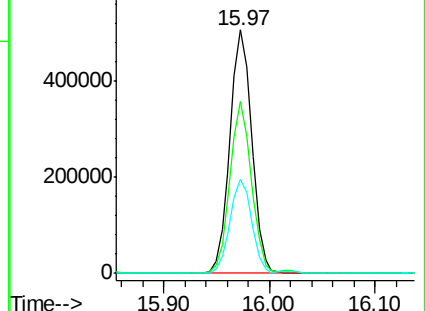
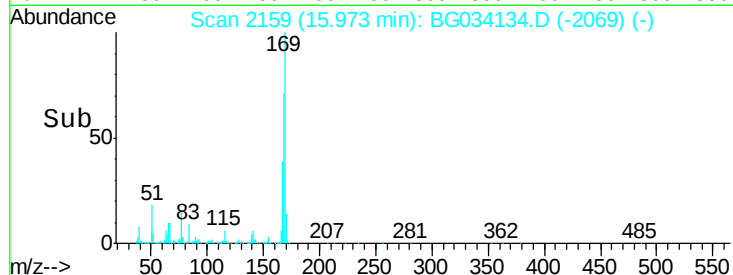
Ion	Ratio	Lower	Upper
169	100		
168	70.6	55.7	83.5
167	38.6	30.1	45.1



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: 38.91 ng

RT: 16.66 min Scan# 2276

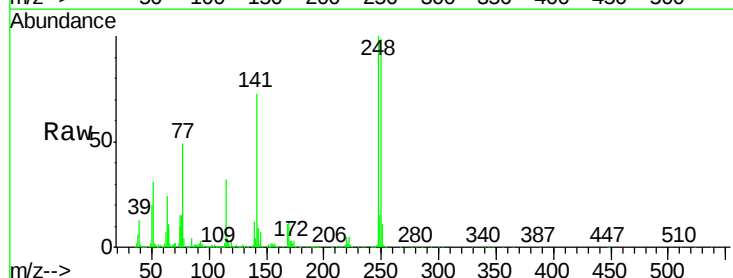
Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Tgt Ion:248 Resp: 337519

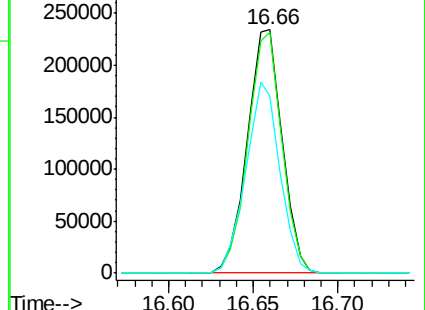
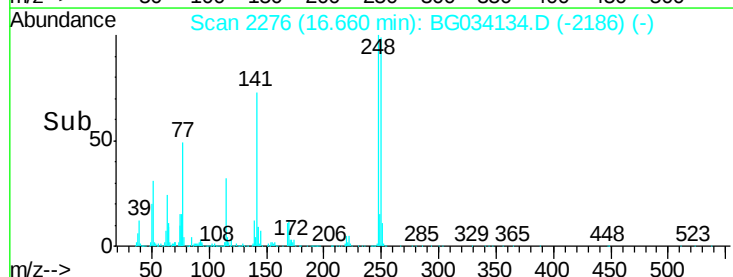
Ion	Ratio	Lower	Upper
248	100		
250	99.0	77.1	115.7
141	72.8	50.8	76.2

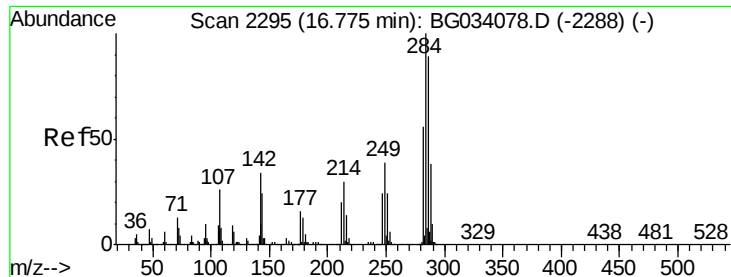


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.36 ng

RT: 16.77 min Scan# 2295

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

ClientSampleId :

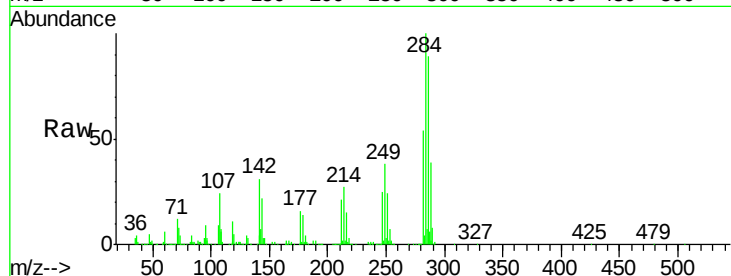
Tot Ion:284 Resp: 337761

Ion	Ratio	Lower	Upper
284	100		
142	31.2	26.8	40.2
249	37.7	26.3	39.5

284 100

142 31.2 26.8 40.2

249 37.7 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

16.77

200000

150000

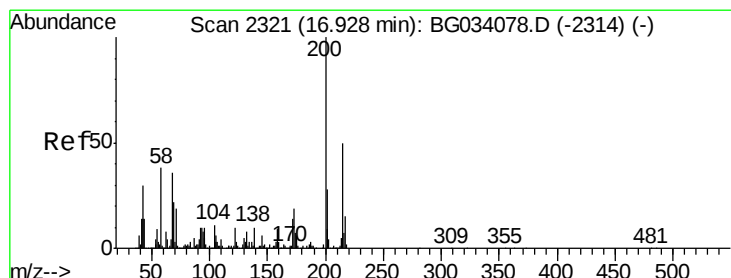
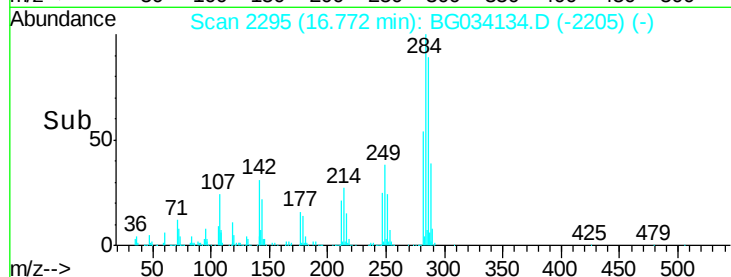
100000

50000

0

16.70 16.75 16.80

Time-->



#68

Atrazine

Concen: 45.03 ng

RT: 16.92 min Scan# 2321

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

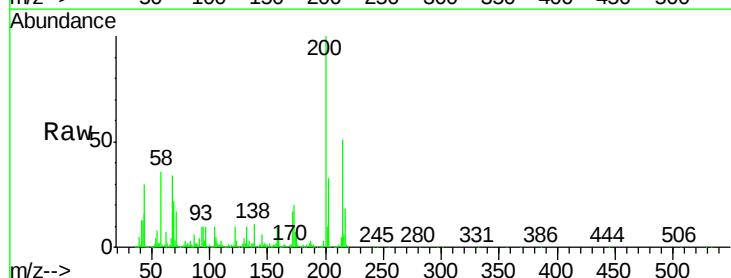
Tgt Ion:200 Resp: 346424

Ion	Ratio	Lower	Upper
200	100		
173	20.2	5.2	45.2
215	51.5	30.4	70.4

200 100

173 20.2 5.2 45.2

215 51.5 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

16.92

300000

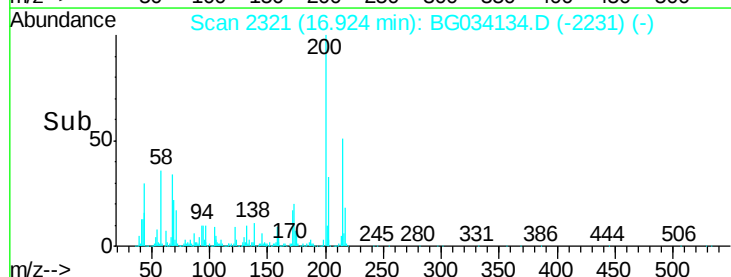
200000

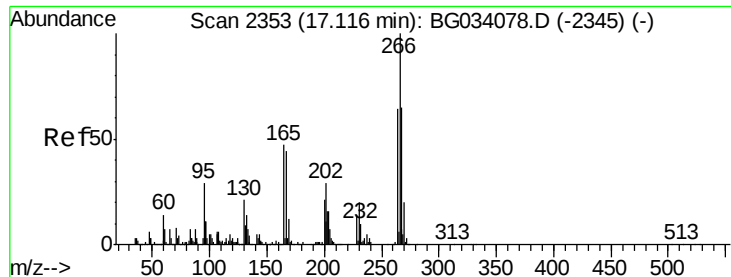
100000

0

16.85 16.90 16.95 17.00

Time-->

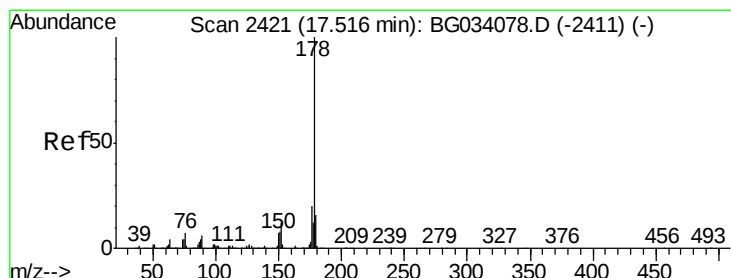
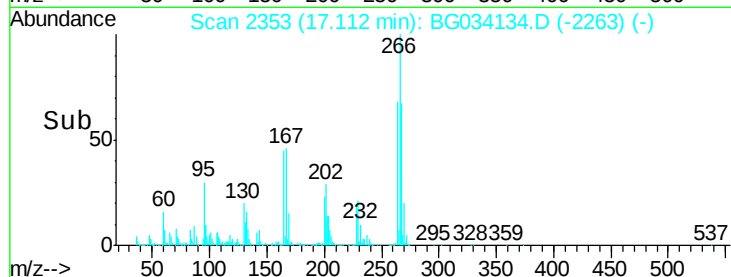
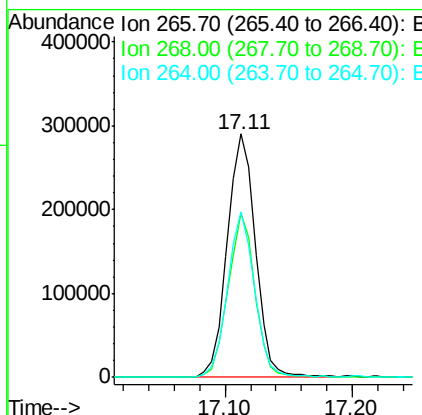
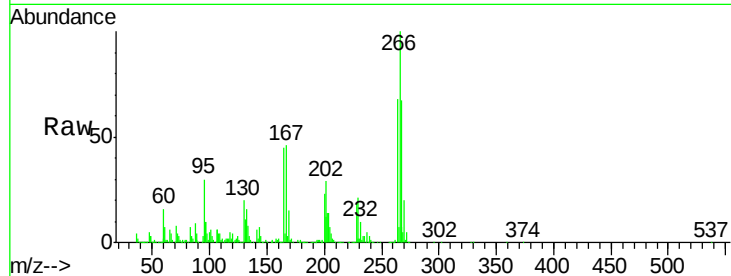




#69
 Pentachlorophenol
 Concen: 72.72 ng
 RT: 17.11 min Scan# 2353
 Delta R.T. -0.00 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

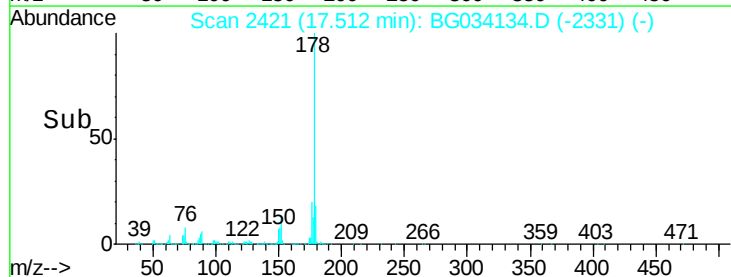
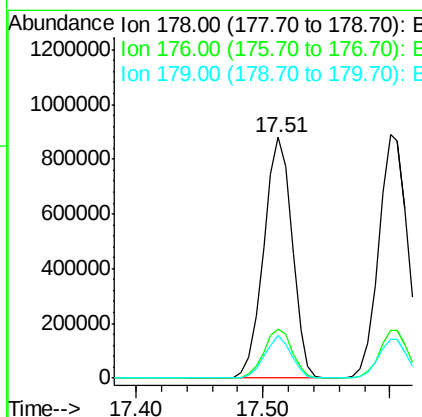
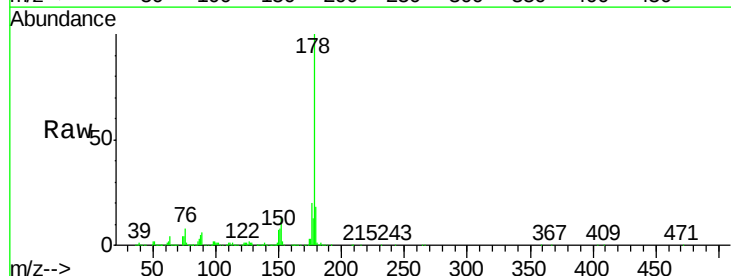
Instrument :
 BNA_G
 ClientSampleId :

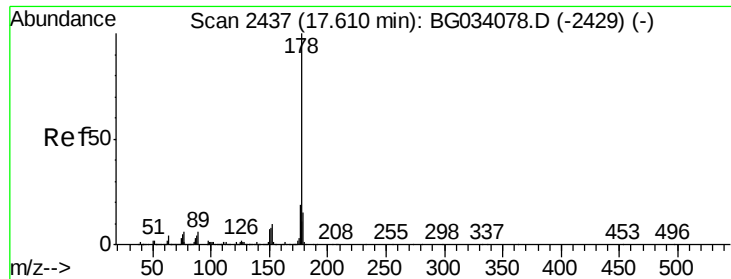
Tot Ion	Ratio	Lower	Upper
266	100		
268	67.5	51.1	76.7
264	68.0	49.6	74.4



#70
 Phenanthrene
 Concen: 38.18 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	17.6	12.5	18.7

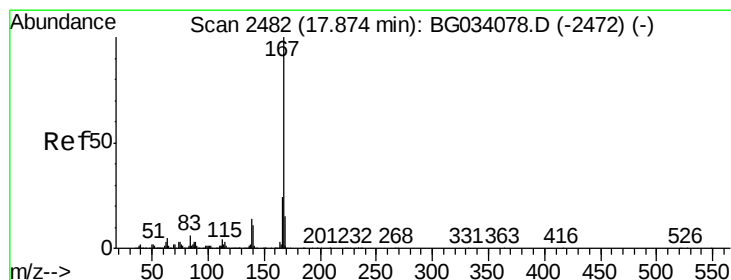
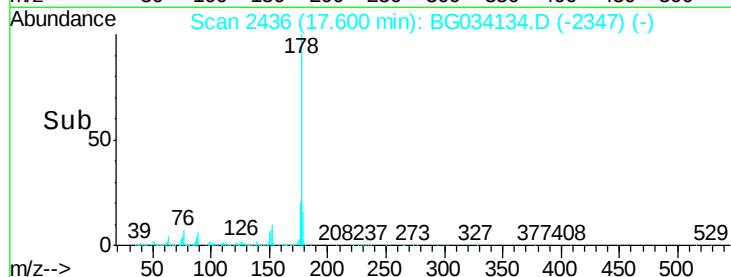
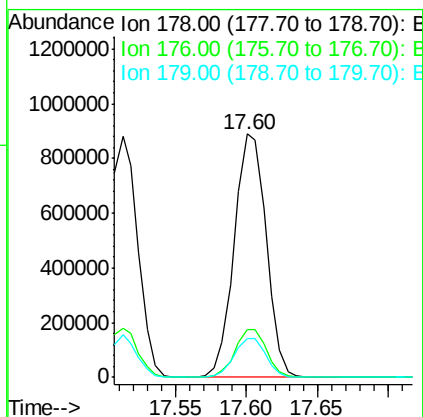
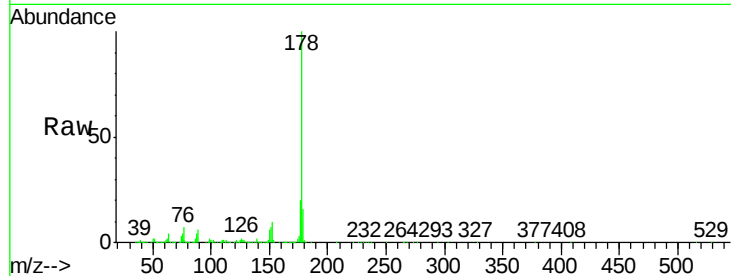




#71
 Anthracene
 Concen: 38.56 ng
 RT: 17.60 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

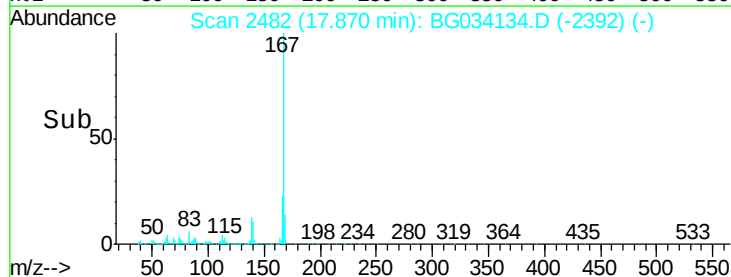
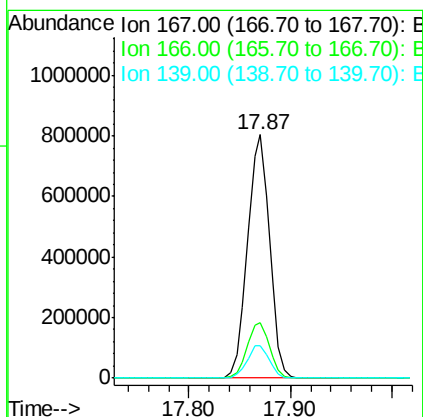
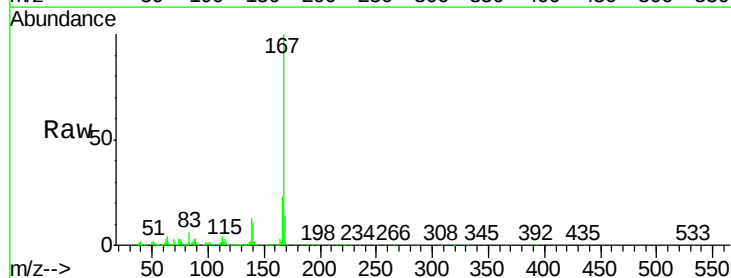
Instrument :
 BNA_G
 ClientSampleId :

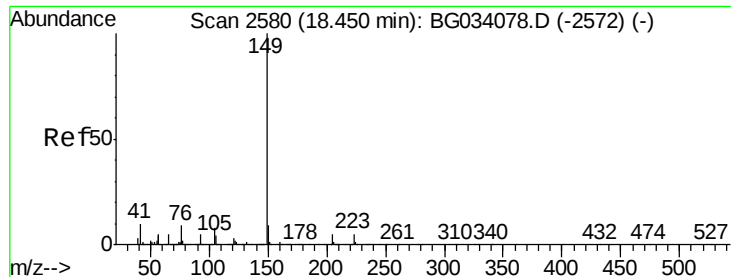
Tot Ion:178 Resp: 1402972
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 16.2 12.5 18.7



#72
 Carbazole
 Concen: 36.31 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

Tgt Ion:167 Resp: 1209467
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.4
 139 13.4 9.4 14.2





#73

Di-n-butylphthalate

Concen: 35.13 ng

RT: 18.44 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

ClientSampled :

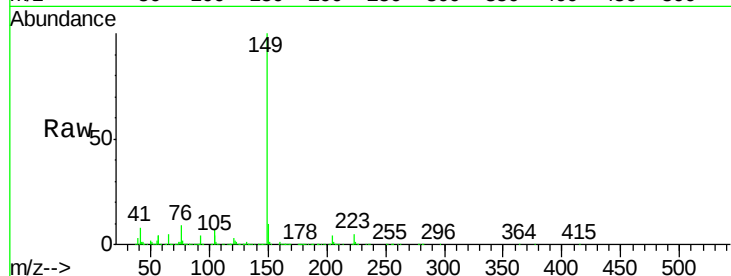
Tot Ion:149 Resp: 1408395

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.6

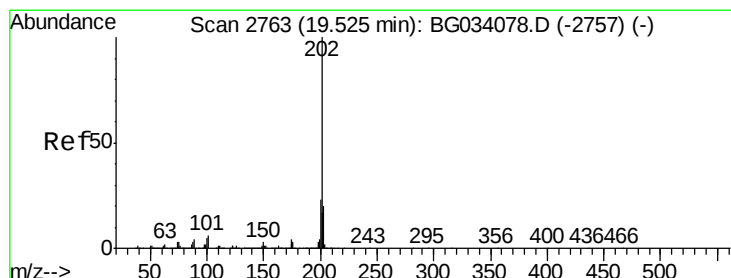
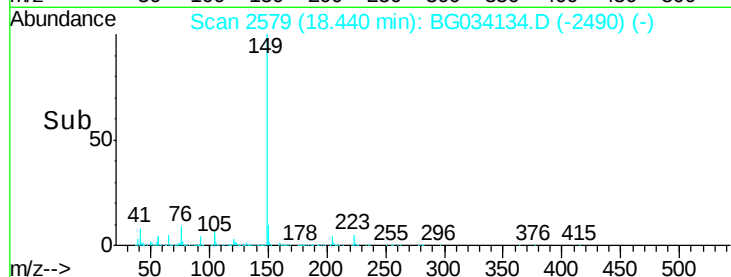
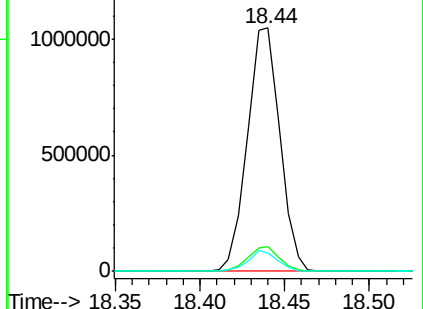
104 7.4 3.9 5.9#



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: 36.35 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

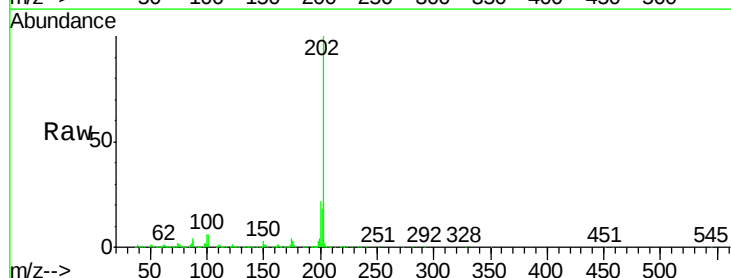
Tgt Ion:202 Resp: 1648914

Ion Ratio Lower Upper

202 100

101 6.0 0.0 28.9

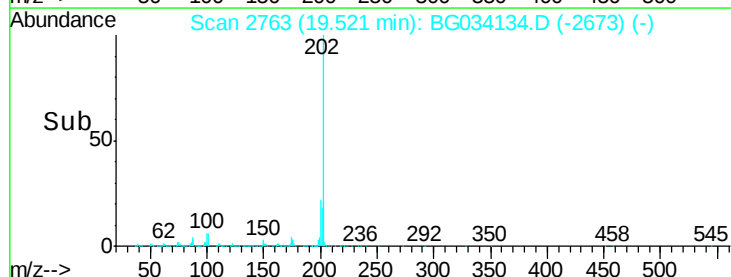
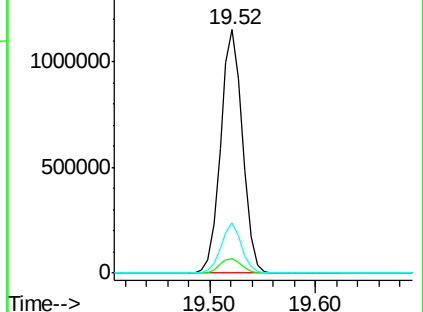
203 20.6 0.0 37.5

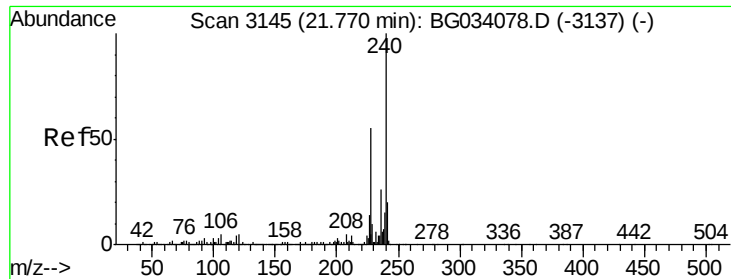


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

ClientSampled :

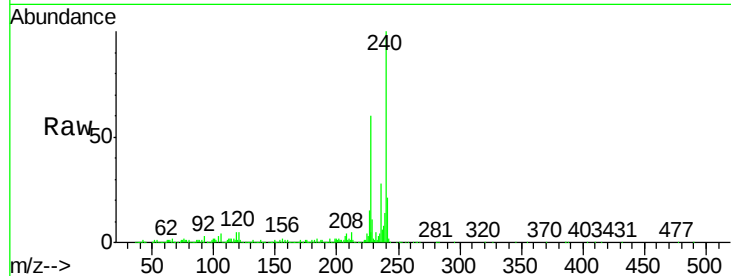
Tot Ion:240 Resp: 644441

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

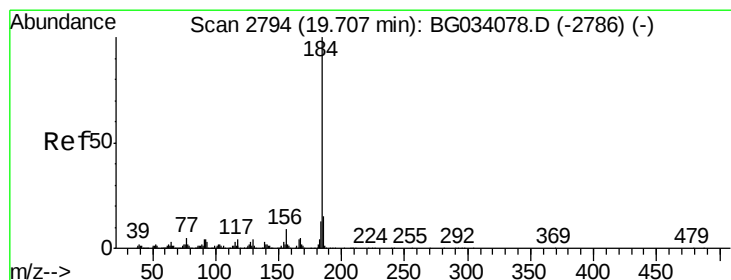
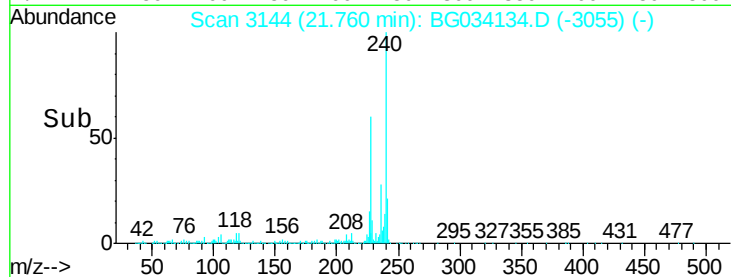
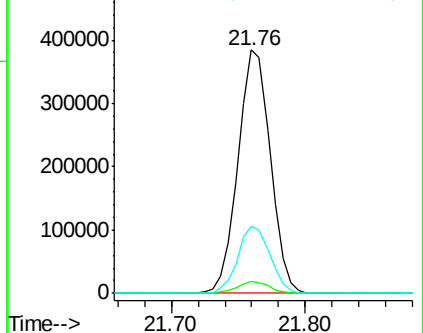
236 27.6 20.9 31.3



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: 41.48 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

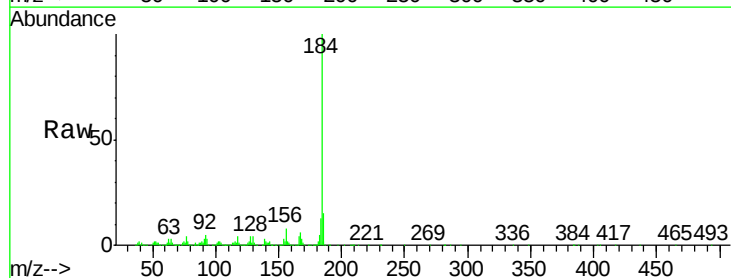
Tgt Ion:184 Resp: 688620

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

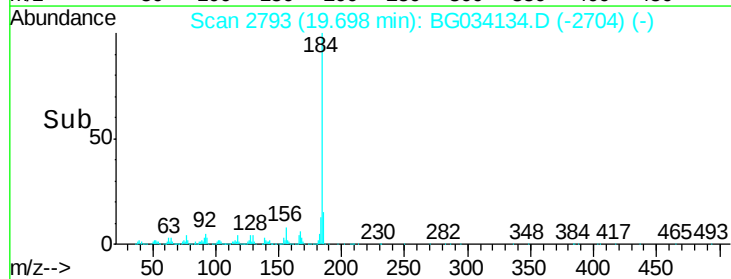
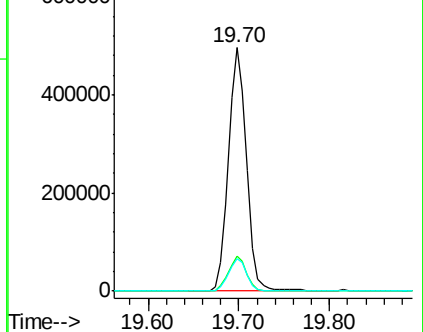
183 13.1 10.6 16.0

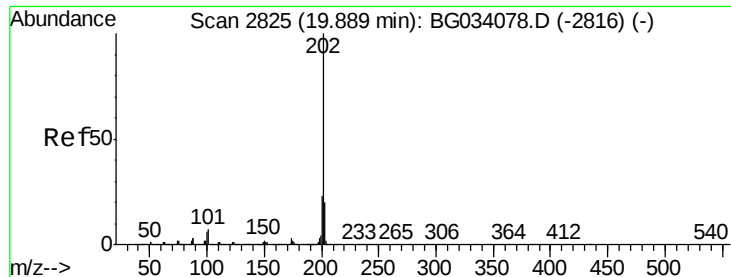


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.43 ng

RT: 19.89 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

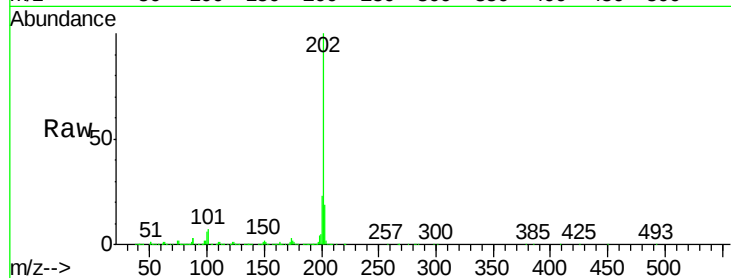
Instrument :

BNA_G

ClientSampled :

Tot Ion:202 Resp: 1632276

Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.9	25.3
203	19.4	13.9	20.9

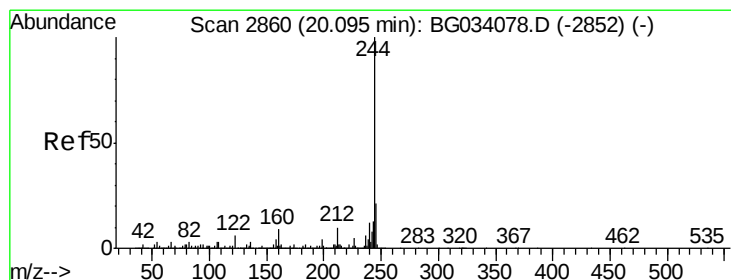
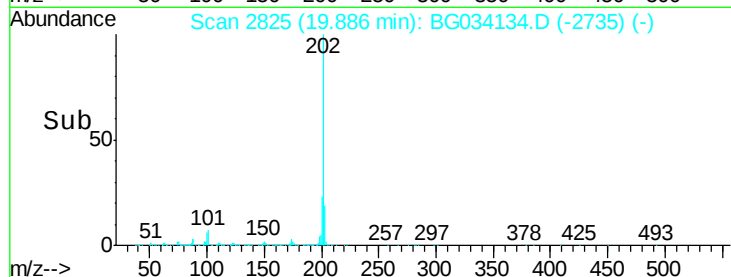
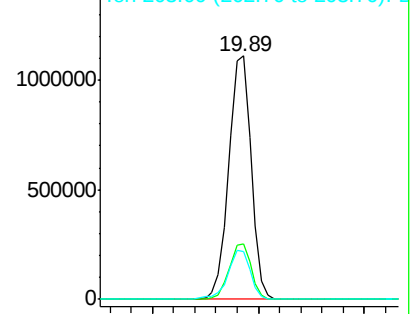


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 84.61 ng

RT: 20.09 min Scan# 2859

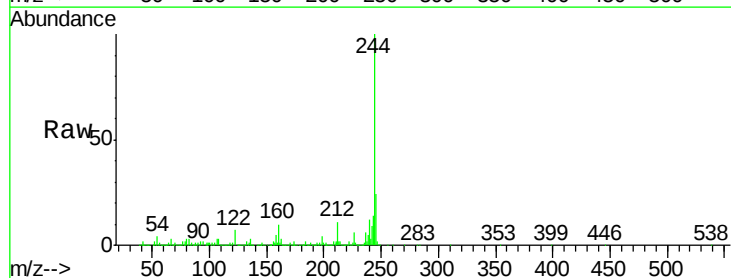
Delta R.T. -0.01 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Tgt Ion:244 Resp: 2488950

Ion	Ratio	Lower	Upper
244	100		
212	10.7	5.8	8.8#
122	7.0	7.0	10.4

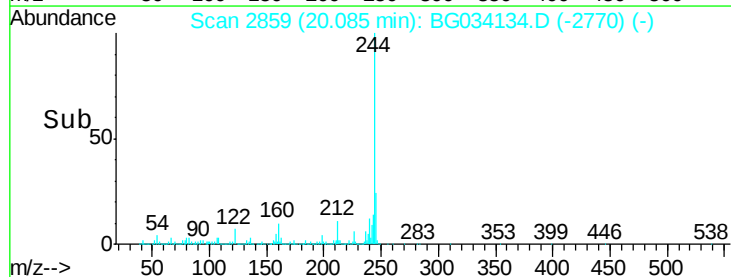
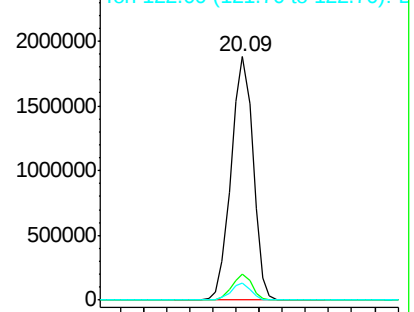


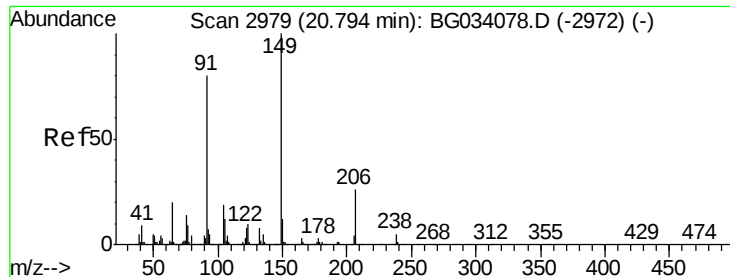
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.99 ng

RT: 20.78 min Scan# 2977

Delta R.T. -0.02 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

ClientSampleId :

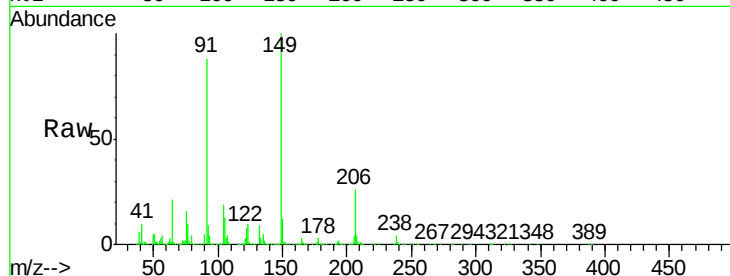
Tot Ion:149 Resp: 598805

Ion Ratio Lower Upper

149 100

91 87.6 62.2 93.2

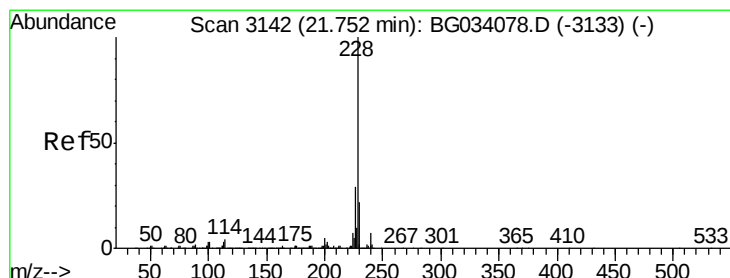
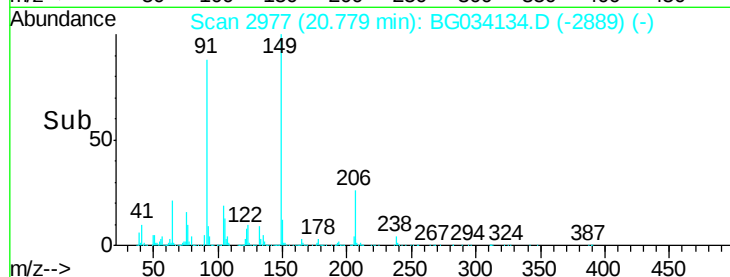
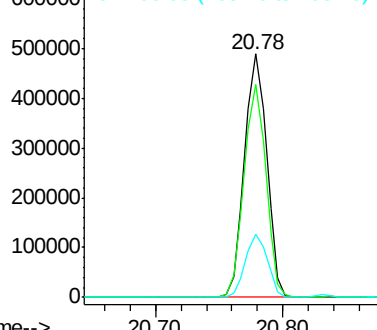
206 25.8 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.88 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

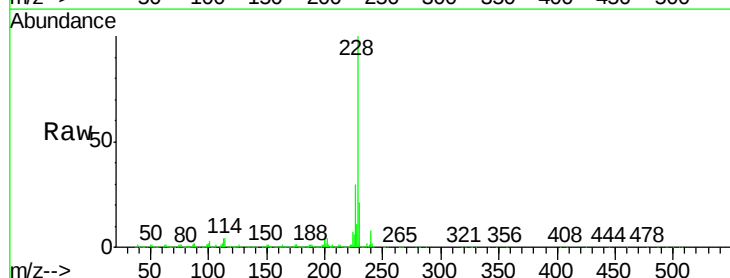
Tgt Ion:228 Resp: 1646945

Ion Ratio Lower Upper

228 100

226 29.6 22.7 34.1

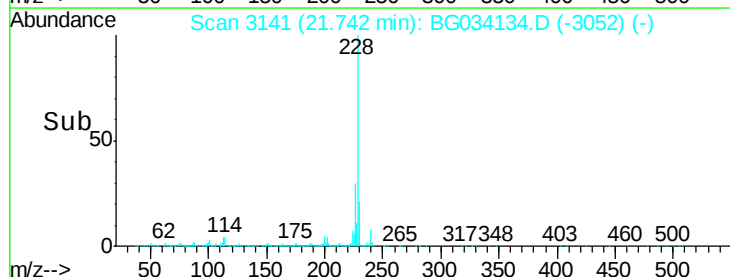
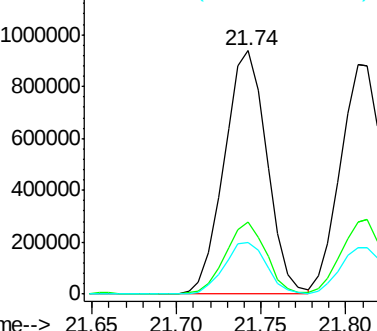
229 21.0 16.2 24.2

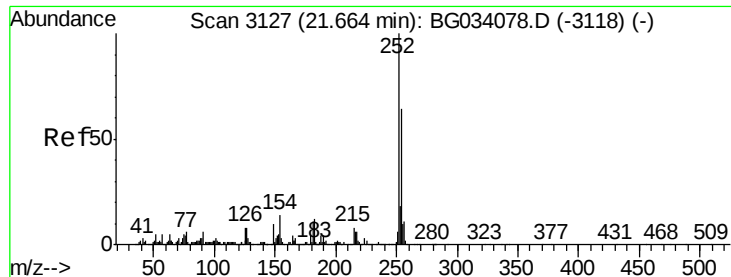


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

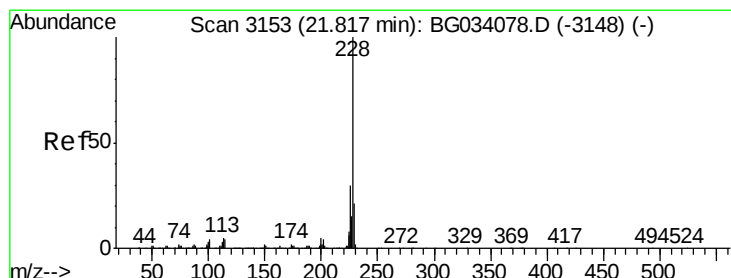
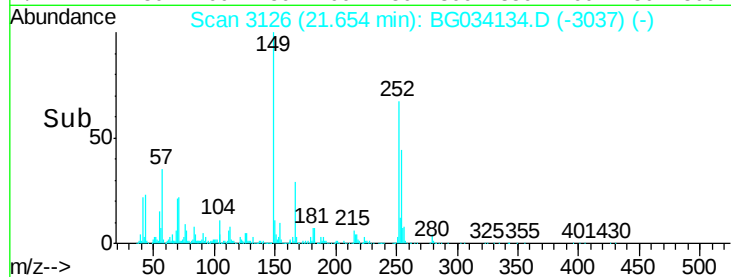
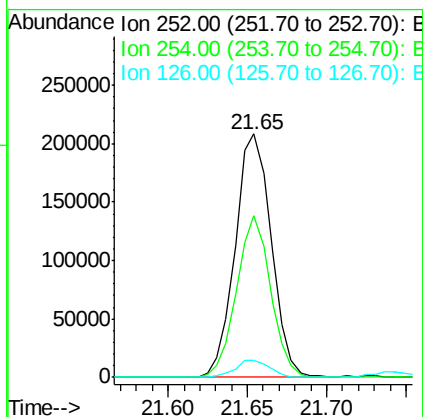
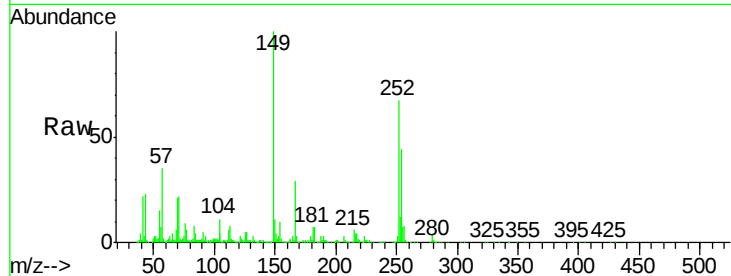




#81
 3,3'-Dichlorobenzidine
 Concen: 21.11 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

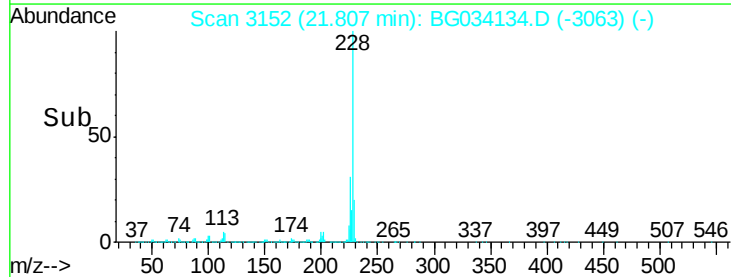
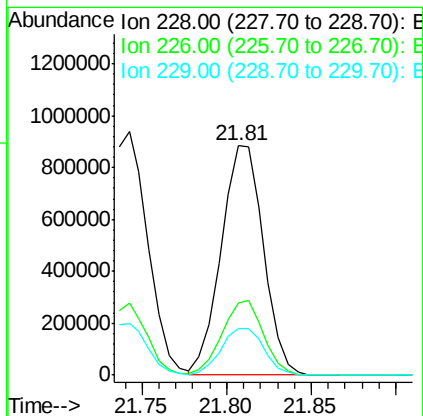
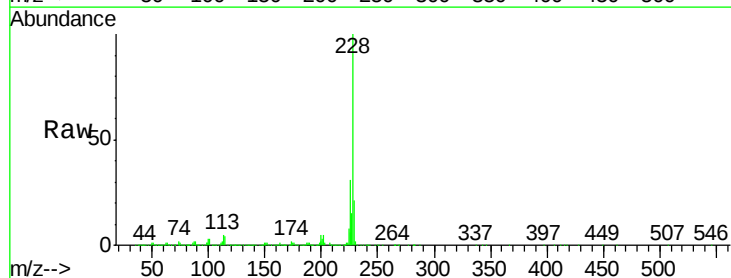
Instrument :
 BNA_G
 ClientSampleId :

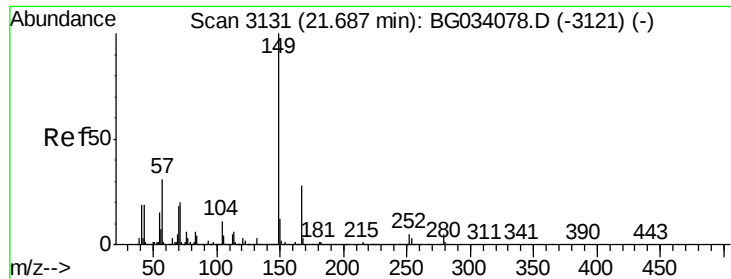
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.5	50.8	76.2
126	6.8	7.4	11.2#



#82
 Chrysene
 Concen: 38.90 ng
 RT: 21.81 min Scan# 3152
 Delta R.T. -0.01 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	20.5	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.21 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

ClientSampleId :

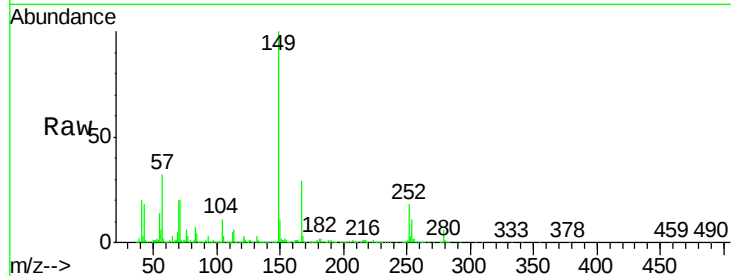
Tot Ion:149 Resp: 828805

Ion Ratio Lower Upper

149 100

167 28.9 24.3 36.5

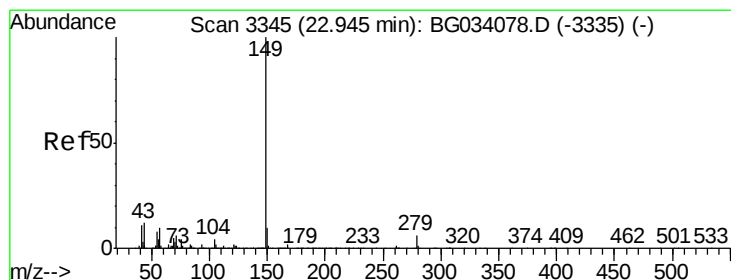
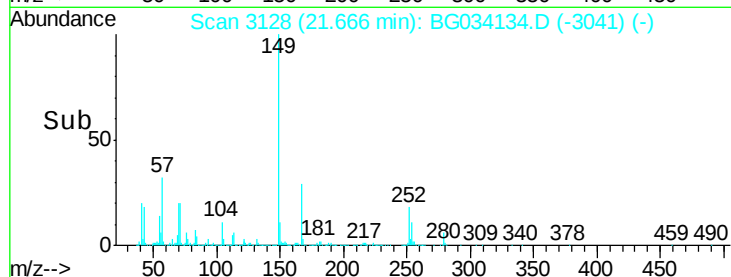
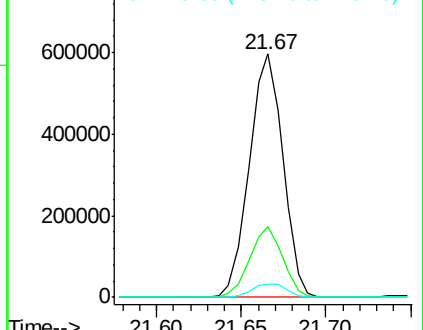
279 5.6 4.0 6.0



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: 40.57 ng

RT: 22.92 min Scan# 3341

Delta R.T. -0.03 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

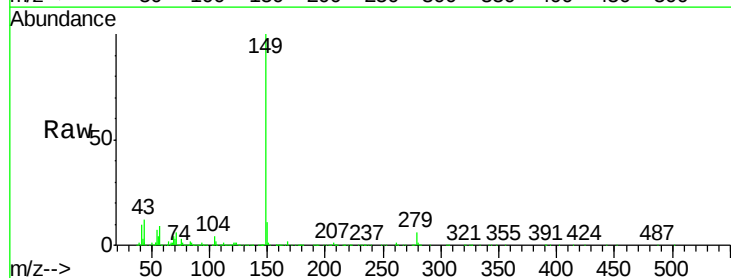
Tgt Ion:149 Resp: 1405475

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

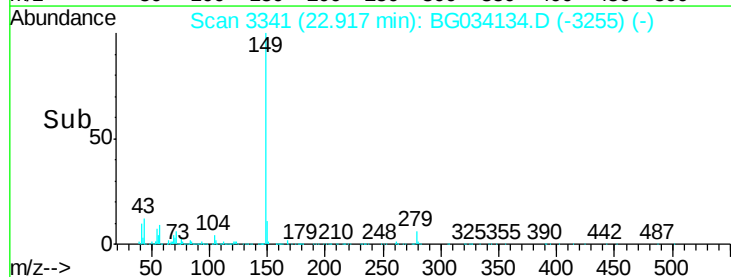
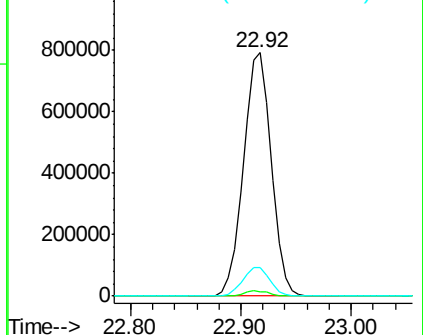
43 11.7 8.9 13.3

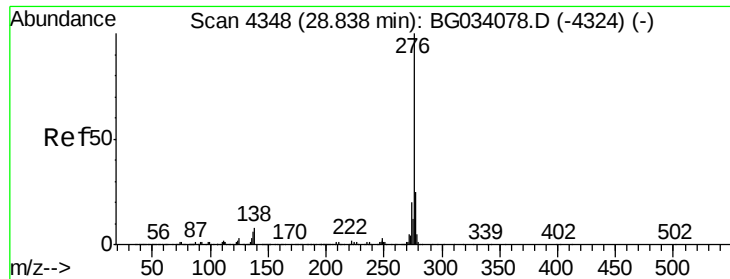


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.13 ng

RT: 28.80 min Scan# 4343

Delta R.T. -0.03 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

ClientSampled :

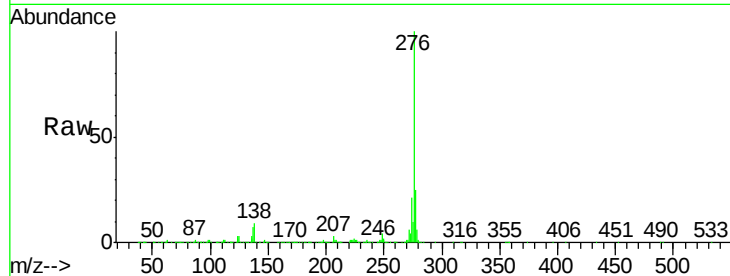
Tot Ion:276 Resp: 1832812

Ion Ratio Lower Upper

276 100

138 8.3 16.0 24.0#

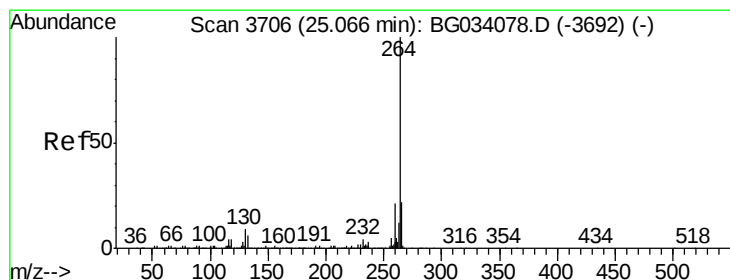
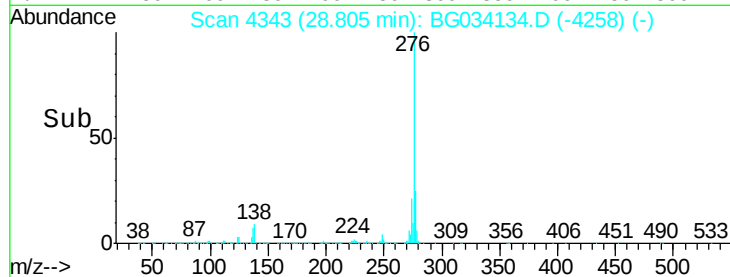
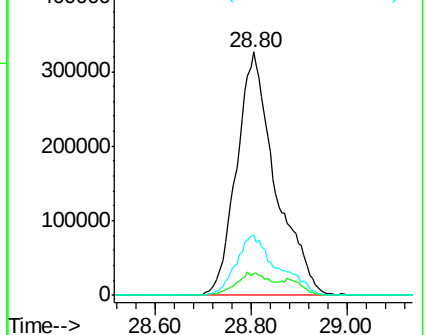
277 26.3 20.0 30.0



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: 20.00 ng

RT: 25.04 min Scan# 3703

Delta R.T. -0.02 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

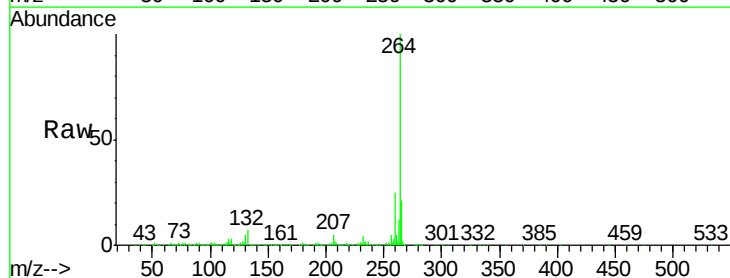
Tgt Ion:264 Resp: 698701

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

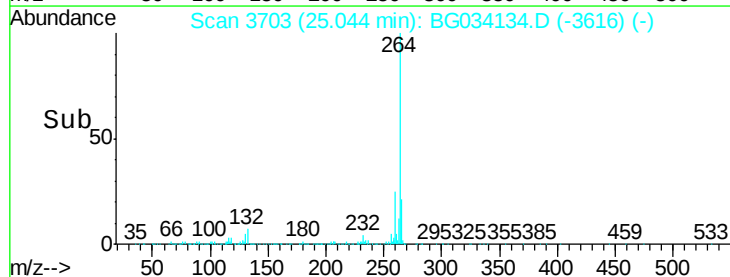
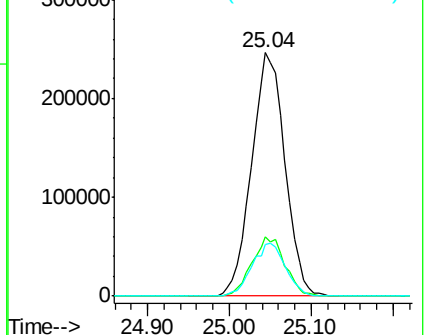
265 21.3 17.7 26.5

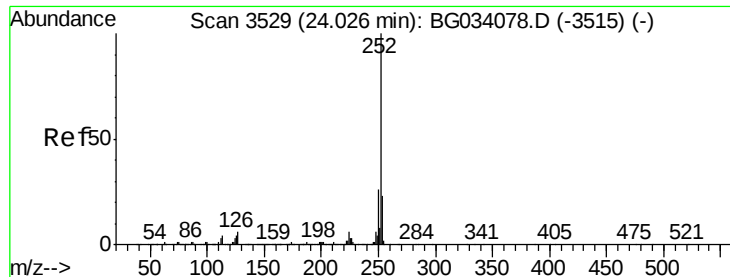


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.80 ng

RT: 24.00 min Scan# 3526

Delta R.T. -0.02 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

ClientSampleId :

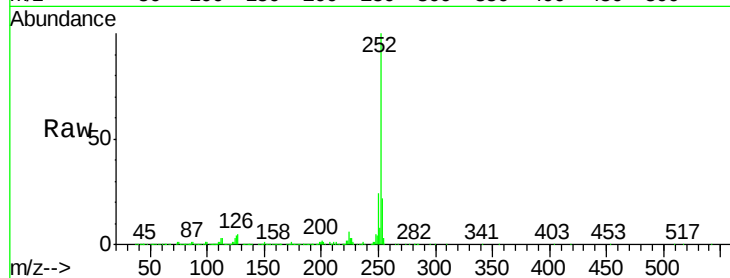
Tot Ion:252 Resp: 1712379

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

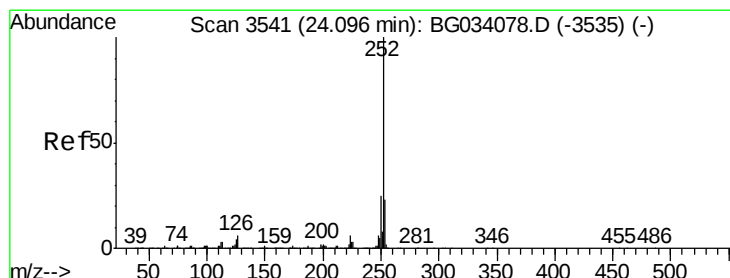
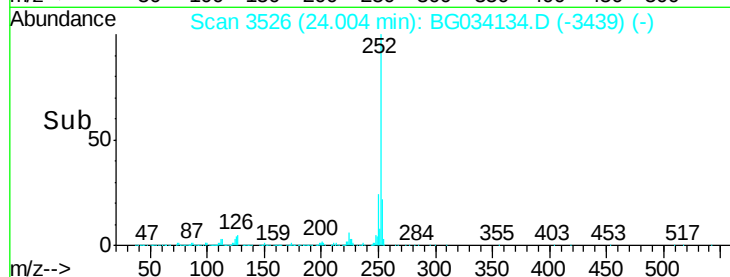
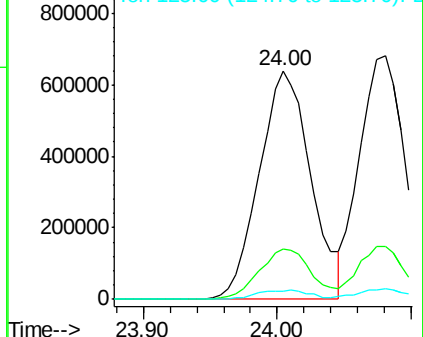
125 3.7 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.58 ng

RT: 24.08 min Scan# 3539

Delta R.T. -0.02 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

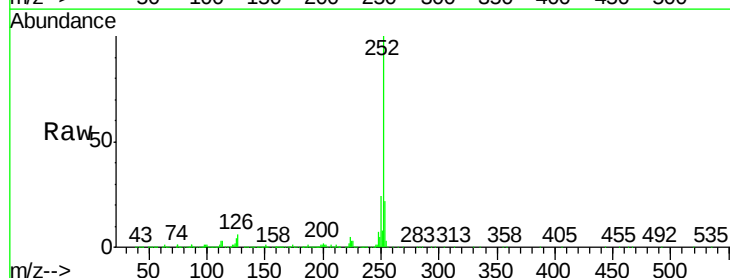
Tgt Ion:252 Resp: 1585186

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

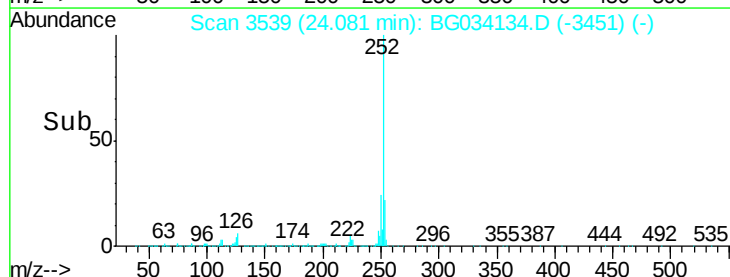
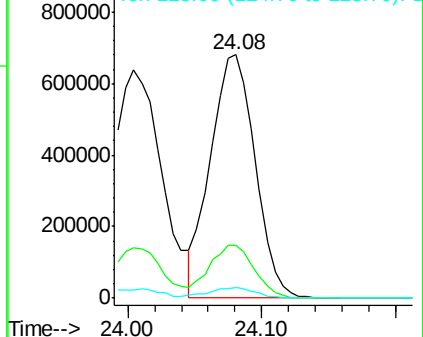
125 4.1 6.6 9.8#

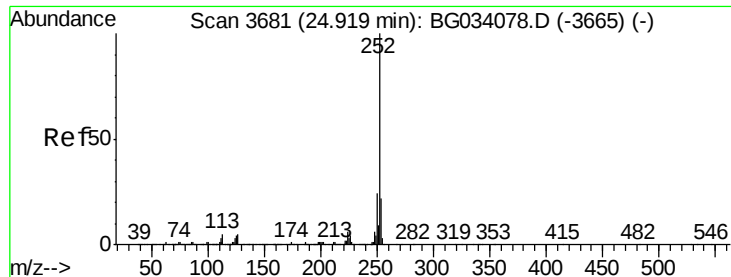


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.10 ng

RT: 24.90 min Scan# 3678

Delta R.T. -0.02 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

ClientSampleId :

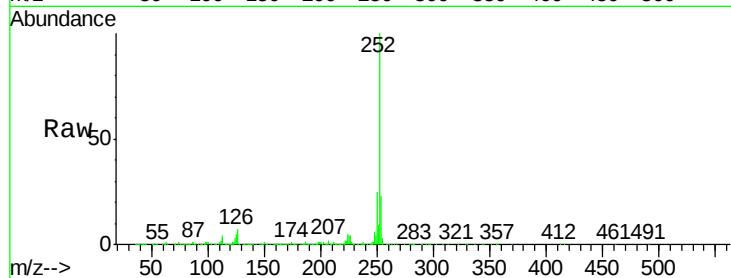
Tot Ion:252 Resp: 1614689

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	4.8	7.3	10.9

252 100

253 23.1 18.3 27.5

125 4.8 7.3 10.9

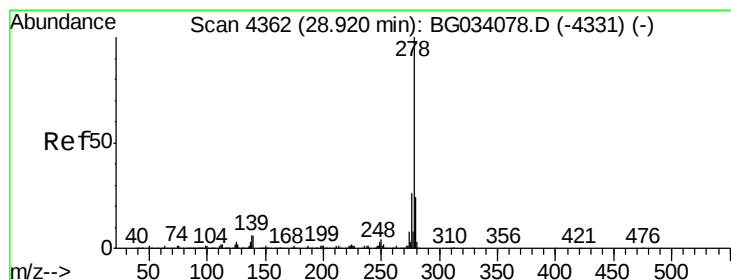
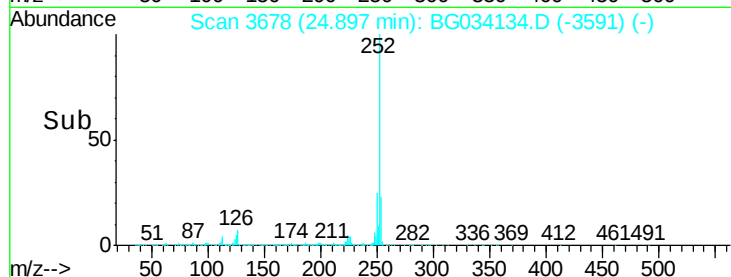
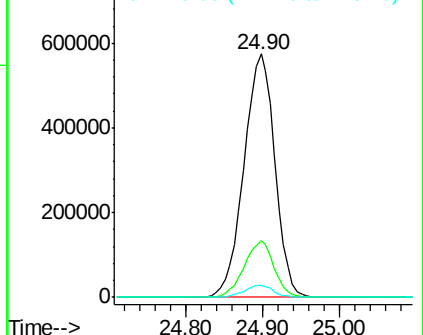


Abundance

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: 38.66 ng

RT: 28.88 min Scan# 4356

Delta R.T. -0.04 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

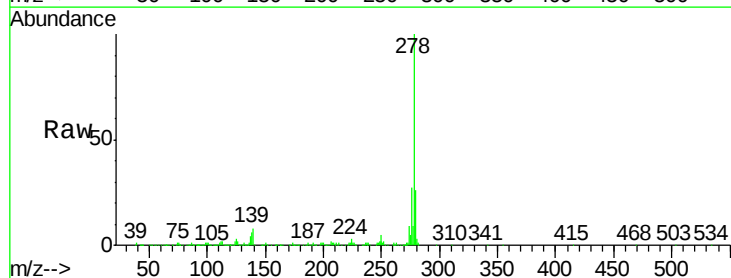
Tgt Ion:278 Resp: 1504944

Ion	Ratio	Lower	Upper
278	100		
139	7.6	9.8	14.6
279	26.2	18.4	27.6

278 100

139 7.6 9.8 14.6

279 26.2 18.4 27.6

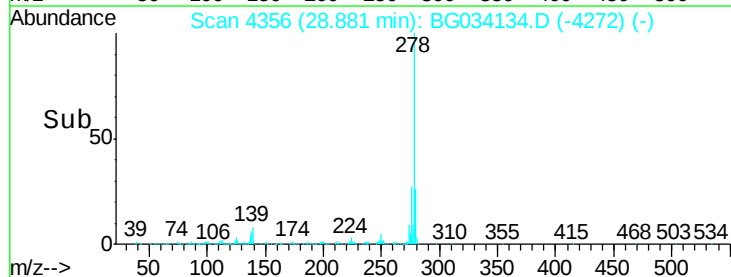
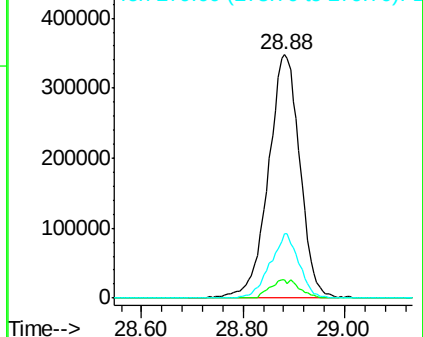


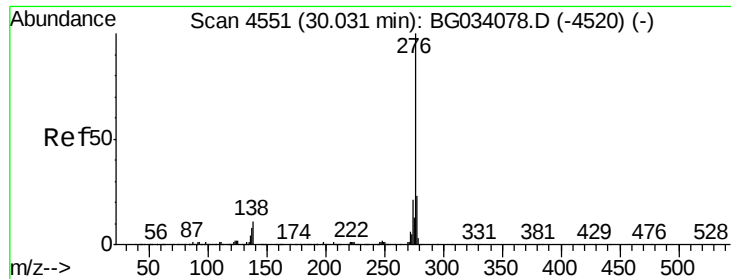
Abundance

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: 39.17 ng
 RT: 29.99 min Scan# 4545
 Delta R.T. -0.04 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1502623

Ion	Ratio	Lower	Upper
276	100		
277	21.6	18.3	27.5
138	10.3	13.9	20.9

