

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034124.D
 Acq On : 2 May 2018 20:08
 Operator : SJ/JU
 Sample : J2157-14MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 03 04:46:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	77959	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	330158	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	266988	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	665911	20.00	ng	0.00
75) Chrysene-d12	21.76	240	678974	20.00	ng	0.00
86) Perylene-d12	25.05	264	694631	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	688189	142.62	ng	0.00
7) Phenol-d6	7.22	99	966247	128.63	ng	0.00
23) Nitrobenzene-d5	9.24	82	825355	95.92	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	502585	135.94	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1595558	87.08	ng	0.00
78) Terphenyl-d14	20.09	244	2780795	89.72	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	79826	39.40	ng	# 78
3) Pyridine	3.96	79	222141	34.94	ng	88
4) n-Nitrosodimethylamine	3.86	42	171052	49.34	ng	# 79
6) Aniline	7.40	93	134265	13.14	ng	# 88
8) 2-Chlorophenol	7.64	128	256841	53.34	ng	92
9) Benzaldehyde	7.20	77	63456	11.77	ng	# 85
10) Phenol	7.25	94	348922	46.05	ng	# 75
11) bis(2-Chloroethyl)ether	7.49	93	292257	49.00	ng	94
12) 1,3-Dichlorobenzene	7.97	146	267927	43.98	ng	# 85
13) 1,4-Dichlorobenzene	8.11	146	271765	44.92	ng	96
14) 1,2-Dichlorobenzene	8.11	146	271765	47.29	ng	91
15) Benzyl Alcohol	8.31	79	398025	49.67	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	8.60	45	389375	47.44	ng	85
17) 2-Methylphenol	8.51	107	246367	49.42	ng	# 73
18) Hexachloroethane	9.16	117	116973	45.45	ng	98
19) n-Nitroso-di-n-propylamine	8.88	70	311989	46.25	ng	# 95
20) 3+4-Methylphenols	8.84	107	348506	47.20	ng	# 81
22) Acetophenone	8.90	105	480400	42.72	ng	95
24) Nitrobenzene	9.28	77	449356	47.71	ng	# 89
25) Isophorone	9.81	82	816328	46.50	ng	# 94
26) 2-Nitrophenol	9.99	139	140214	53.77	ng	# 56
27) 2,4-Dimethylphenol	10.05	122	280937	55.58	ng	86
28) bis(2-Chloroethoxy)methane	10.29	93	421965	48.94	ng	96
29) 2,4-Dichlorophenol	10.53	162	311777	51.60	ng	96
30) 1,2,4-Trichlorobenzene	10.75	180	327131	44.96	ng	95
31) Naphthalene	10.94	128	794319	45.77	ng	96
32) Benzoic acid	10.18	122	162999	37.78	ng	# 86
34) Hexachlorobutadiene	11.23	225	276784	44.95	ng	99
35) Caprolactam	11.82	113	52157	24.30	ng	# 86
36) 4-Chloro-3-methylphenol	12.16	107	396372	50.59	ng	93
37) 2-Methylnaphthalene	12.54	142	641893	45.62	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	466511	45.15	ng	# 98
40) Hexachlorocyclopentadiene	12.89	237	634272	103.61	ng	89
42) 2,4,6-Trichlorophenol	13.14	196	301386	50.21	ng	96

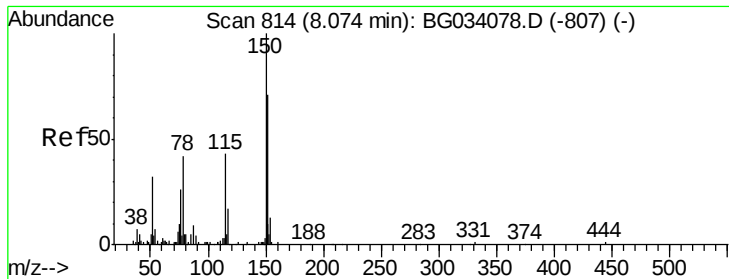
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
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 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.22	196	331788	50.00	nq	94
45) 1,1'-Biphenyl	13.55	154	894447	42.88	nq	99
46) 2-Chloronaphthalene	13.59	162	699657	44.31	nq	95
47) 2-Nitroaniline	13.79	65	301241	47.72	nq	# 84
48) Acenaphthylene	14.44	152	1074933	42.64	nq	99
49) Dimethylphthalate	14.18	163	1008799	43.57	nq	# 96
50) 2,6-Dinitrotoluene	14.29	165	227693	51.21	nq	# 71
51) Acenaphthene	14.78	154	707362	41.28	nq	94
52) 3-Nitroaniline	14.60	138	24624	5.49	nq	# 95
53) 2,4-Dinitrophenol	14.82	184	262113	150.68	nq	# 72
54) Dibenzofuran	15.12	168	1105648	44.51	nq	91
55) 4-Nitrophenol	14.92	139	306896	89.72	nq	# 47
56) 2,4-Dinitrotoluene	15.07	165	317175	52.53	nq	# 95
57) Fluorene	15.77	166	927546	42.84	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.34	232	340904	49.66	nq	# 96
59) Diethylphthalate	15.54	149	1025030	41.84	nq	98
60) 4-Chlorophenyl-phenylether	15.76	204	571332	44.36	nq	97
61) 4-Nitroaniline	15.78	138	174087	36.62	nq	# 51
62) Azobenzene	16.06	77	1134343	42.86	nq	93
64) 4,6-Dinitro-2-methylphenol	15.84	198	173642	55.46	nq	90
65) n-Nitrosodiphenylamine	15.97	169	823322	45.34	nq	97
66) 4-Bromophenyl-phenylether	16.65	248	388187	46.95	nq	# 92
67) Hexachlorobenzene	16.77	284	388498	46.29	nq	95
68) Atrazine	16.93	200	317308	41.76	nq	94
69) Pentachlorophenol	17.11	266	531394	90.84	nq	97
70) Phenanthrene	17.51	178	1553839	45.41	nq	98
71) Anthracene	17.60	178	1577700	45.49	nq	98
72) Carbazole	17.87	167	1365416	43.01	nq	97
73) Di-n-butylphthalate	18.44	149	1599736	41.86	nq	# 96
74) Fluoranthene	19.52	202	1898481	43.91	nq	93
76) Benzidine	19.74	184	39575	2.26	nq	# 96
77) Pyrene	19.88	202	1894786	44.54	nq	94
79) Butylbenzylphthalate	20.78	149	760726	45.81	nq	90
80) Benzo(a)anthracene	21.74	228	2028171	46.61	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	208615	12.68	nq	# 97
82) Chrysene	21.81	228	1889494	45.37	nq	95
83) Bis(2-ethylhexyl)phthalate	21.67	149	1031241	45.12	nq	# 99
84) Di-n-octyl phthalate	22.92	149	1758678	48.18	nq	98
85) Indeno(1,2,3-cd)pyrene	28.82	276	2259771	49.30	nq	# 86
87) Benzo(b)fluoranthene	24.01	252	2021411	46.07	nq	# 97
88) Benzo(k)fluoranthene	24.08	252	1959748	46.73	nq	# 94
89) Benzo(a)pyrene	24.90	252	1975115	48.11	nq	# 96
90) Dibenzo(a,h)anthracene	28.89	278	1883071	48.66	nq	# 94
91) Benzo(g,h,i)perylene	29.97	276	1809826	47.45	nq	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

BNA_G

ClientSampleId :

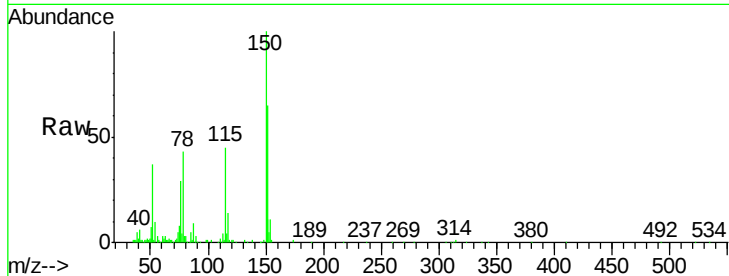
Tot Ion:152 Resp: 77959

Ion Ratio Lower Upper

152 100

150 154.7 126.6 189.8

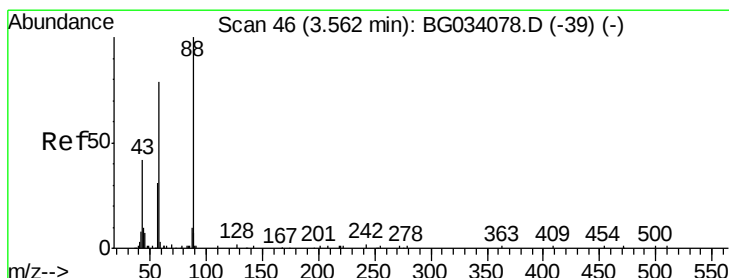
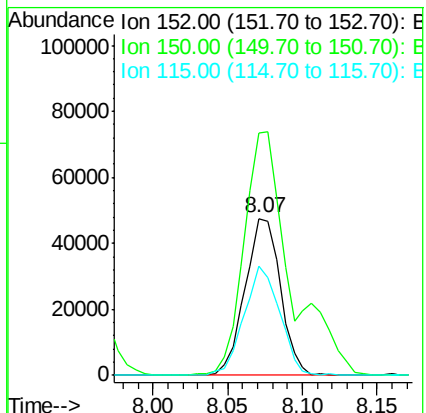
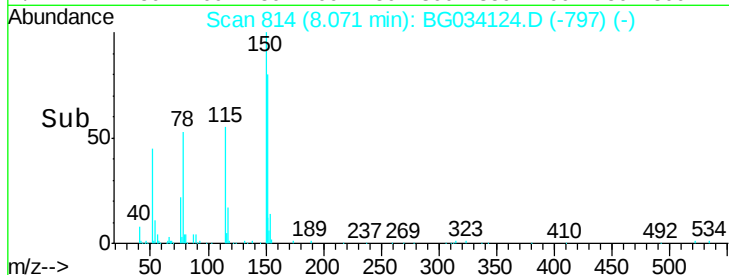
115 69.3 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.40 ng

RT: 3.56 min Scan# 47

Delta R.T. 0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

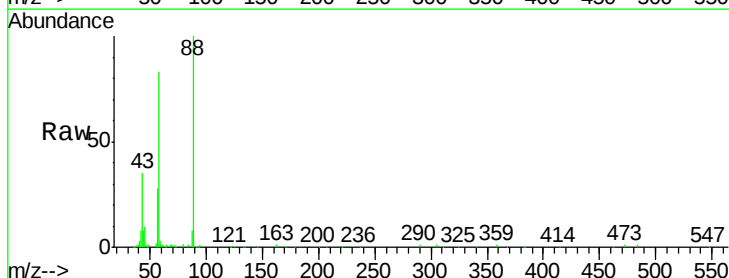
Tgt Ion: 88 Resp: 79826

Ion Ratio Lower Upper

88 100

58 74.6 79.6 119.4#

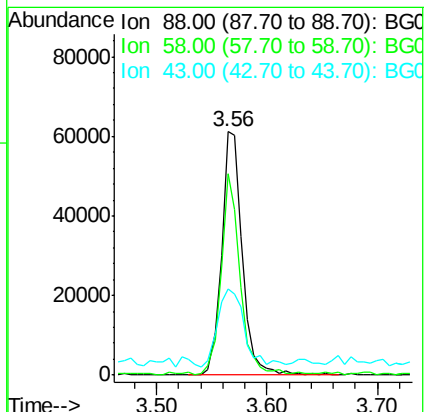
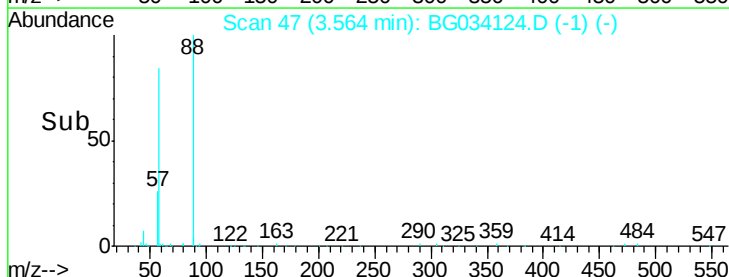
43 41.1 27.4 41.0#

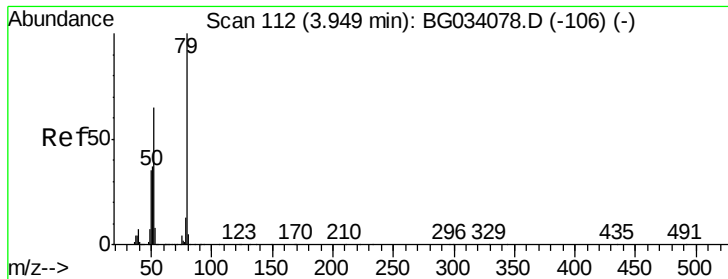


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.94 ng

RT: 3.96 min Scan# 114

Delta R.T. 0.01 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

BNA_G

ClientSampleId :

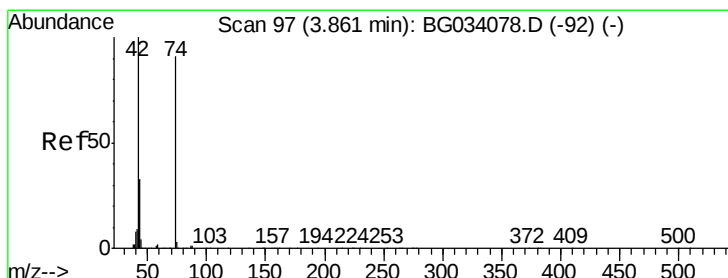
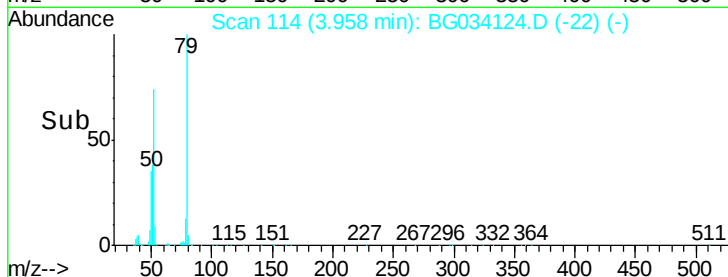
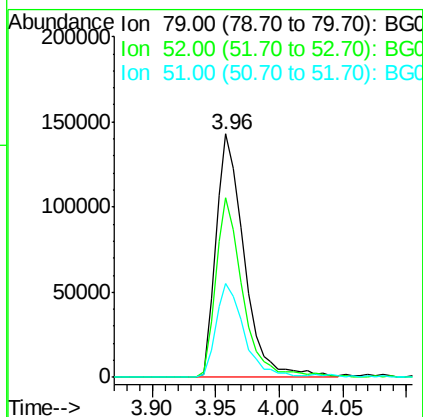
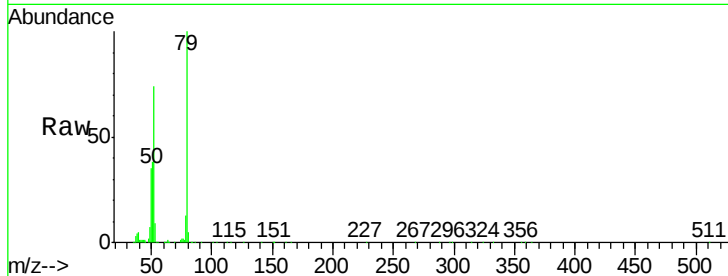
Tot Ion: 79 Resp: 222141

Ion Ratio Lower Upper

79 100

52 73.9 69.9 104.9

51 38.4 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 49.34 ng

RT: 3.86 min Scan# 98

Delta R.T. 0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

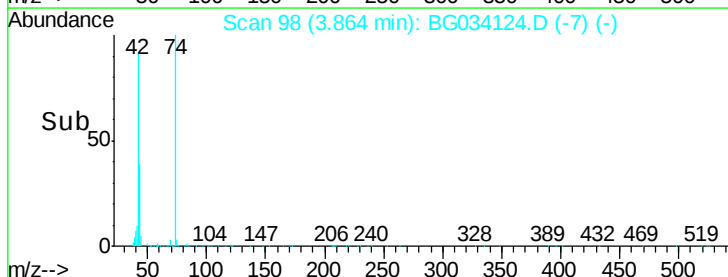
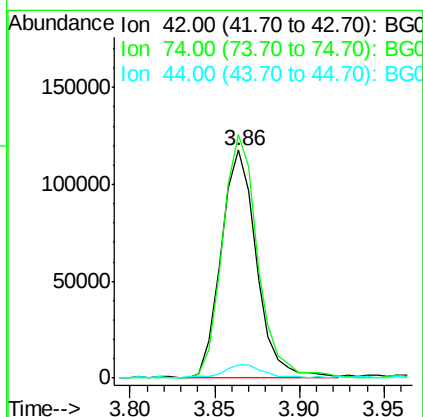
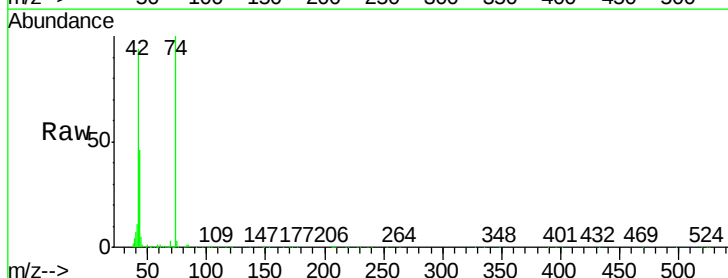
Tgt Ion: 42 Resp: 171052

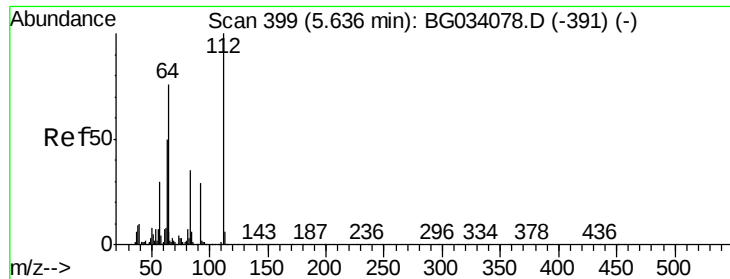
Ion Ratio Lower Upper

42 100

74 106.9 102.5 153.7

44 5.7 18.9 28.3#





#5

2-Fluorophenol

Concen: 142.62 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

BNA_G

ClientSampled :

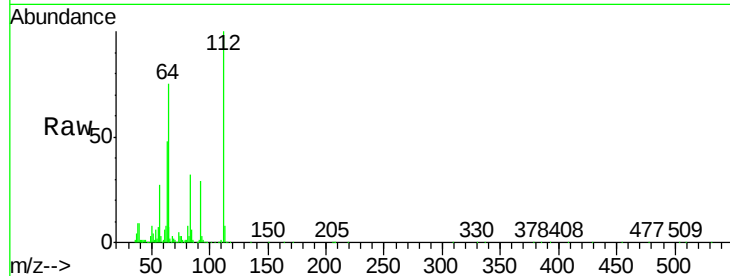
Tot Ion:112 Resp: 688189

Ion Ratio Lower Upper

112 100

64 75.4 56.3 84.5

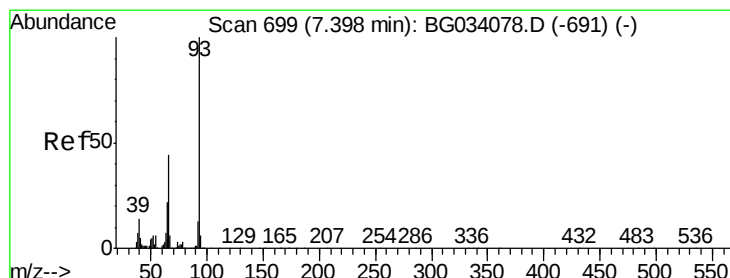
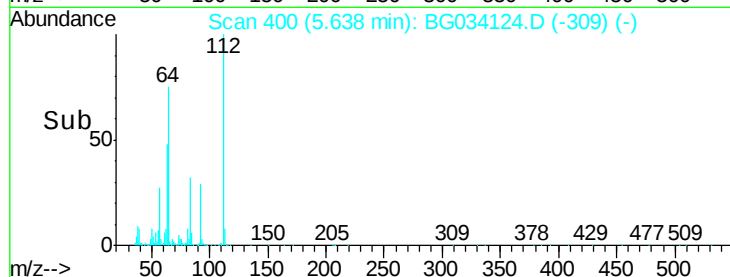
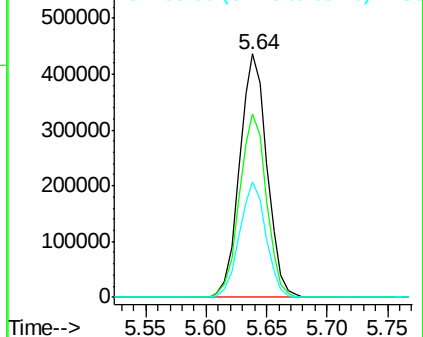
63 47.6 30.1 45.1#



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: 13.14 ng

RT: 7.40 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

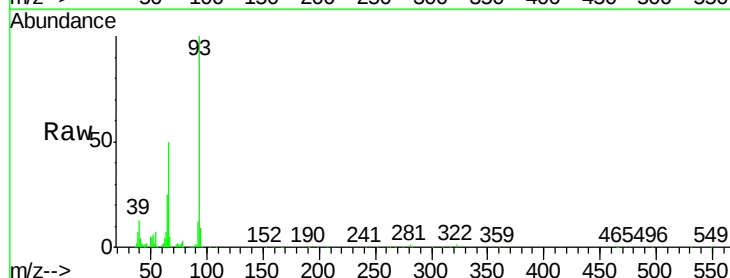
Tgt Ion: 93 Resp: 134265

Ion Ratio Lower Upper

93 100

66 50.1 33.7 50.5

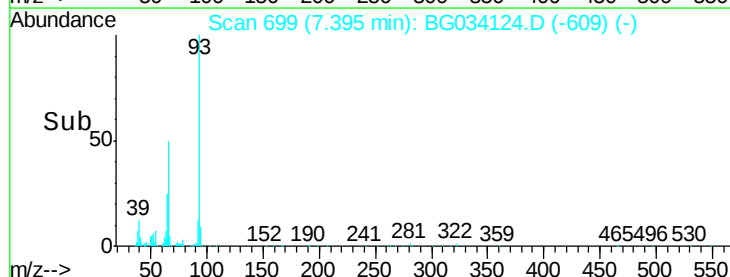
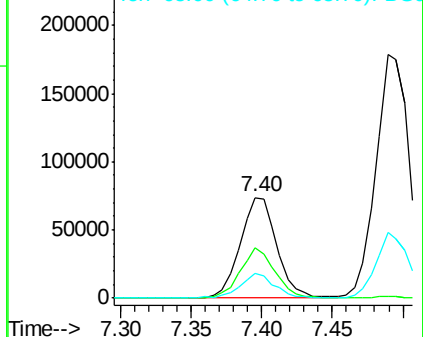
65 25.1 16.1 24.1#

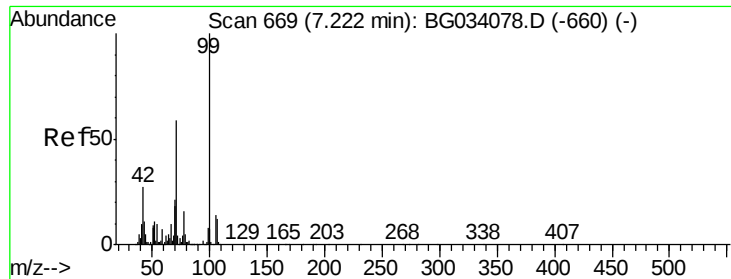


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.63 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

BNA_G

ClientSampleId :

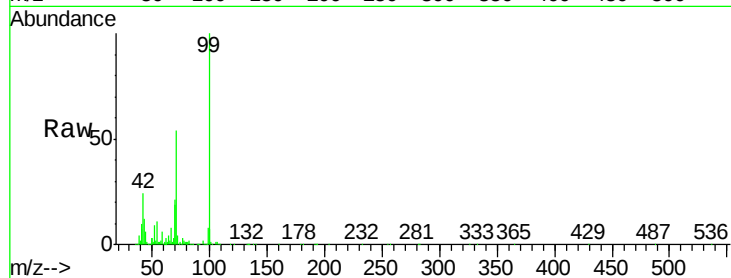
Tot Ion: 99 Resp: 966247

Ion Ratio Lower Upper

99 100

42 23.6 14.1 21.1#

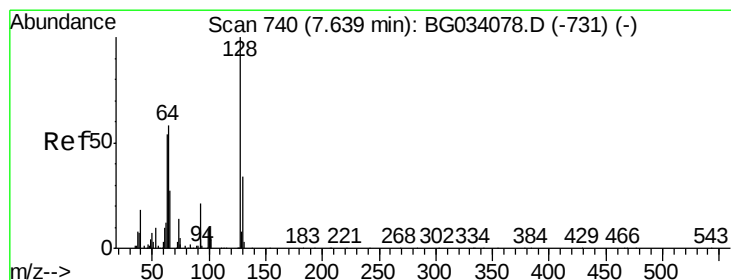
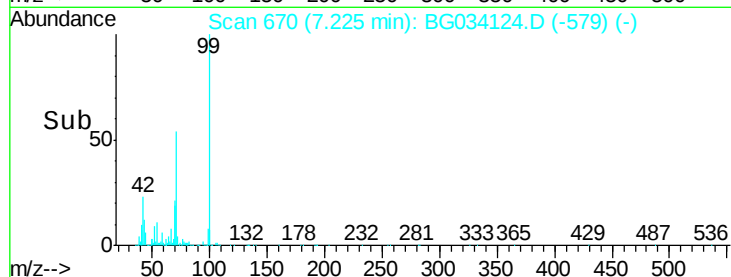
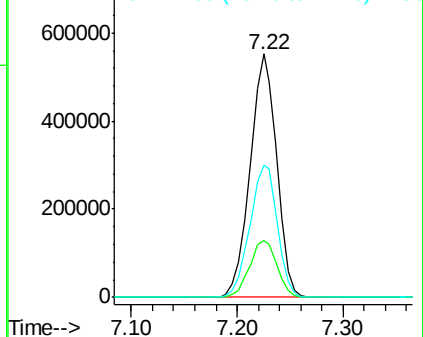
71 54.1 26.1 39.1#



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: 53.34 ng

RT: 7.64 min Scan# 740

Delta R.T. -0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

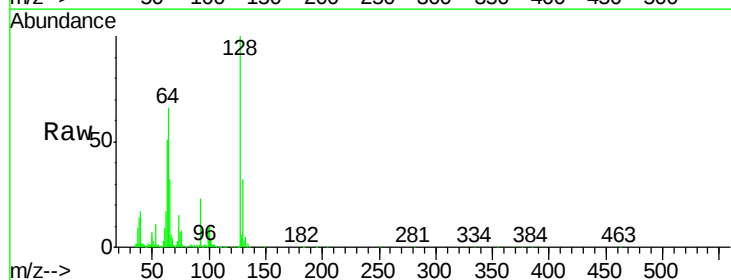
Tgt Ion:128 Resp: 256841

Ion Ratio Lower Upper

128 100

130 31.7 14.0 54.0

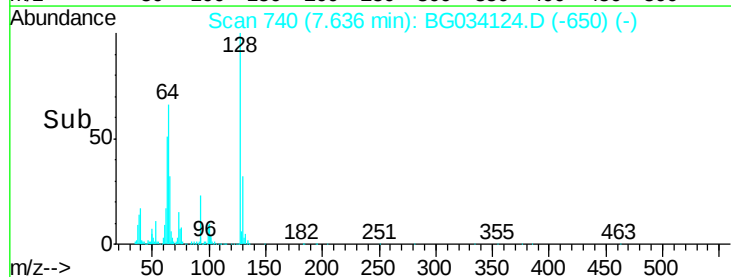
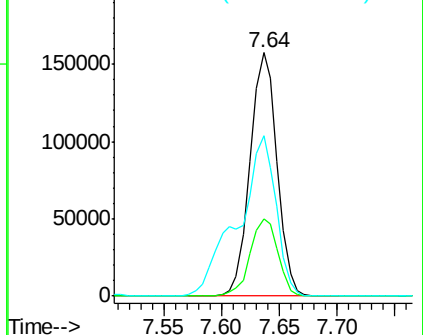
64 65.7 37.7 77.7

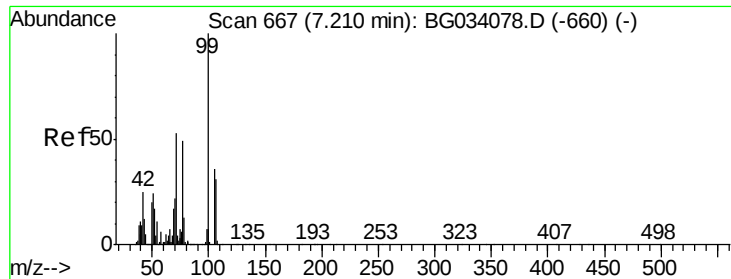


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 11.77 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

BNA_G

ClientSampleId :

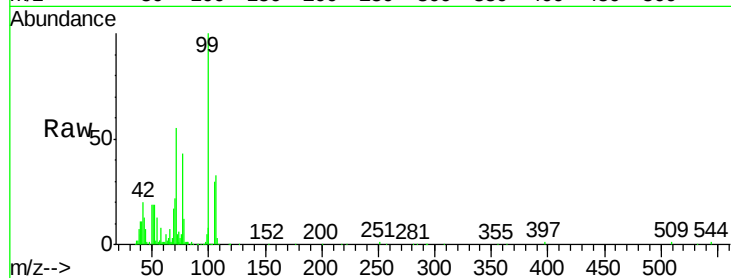
Tot Ion: 77 Resp: 63456

Ion Ratio Lower Upper

77 100

105 70.6 71.3 111.3#

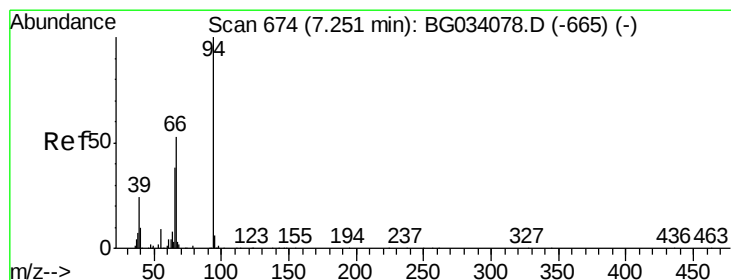
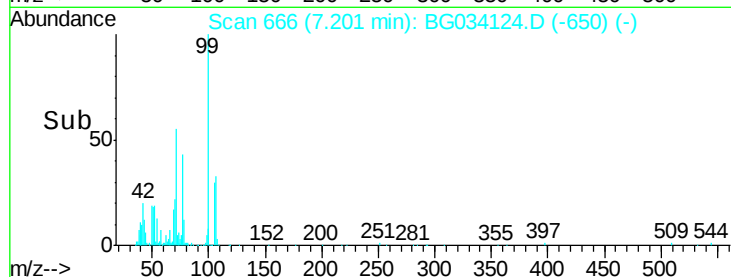
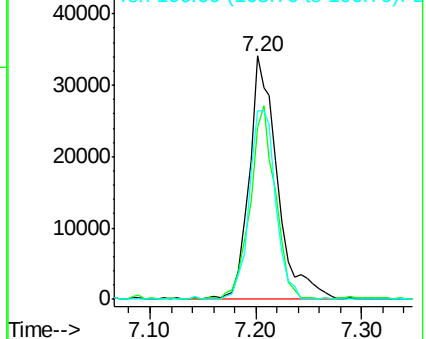
106 77.6 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.05 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

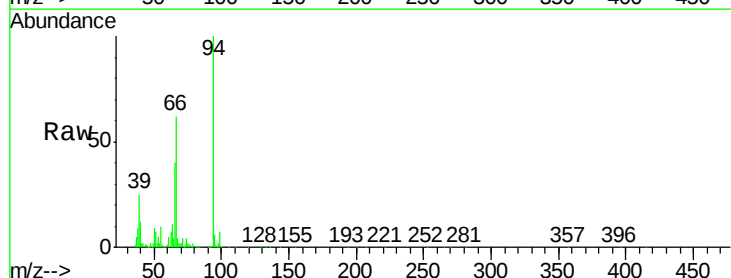
Tgt Ion: 94 Resp: 348922

Ion Ratio Lower Upper

94 100

65 40.3 11.9 51.9

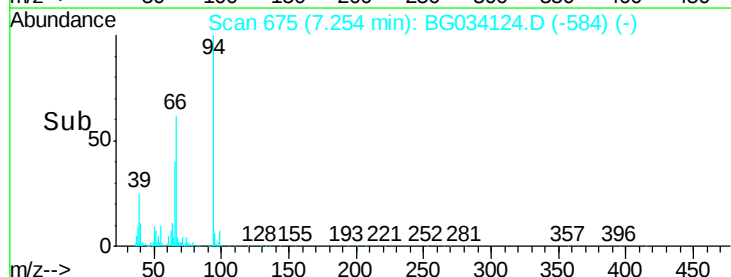
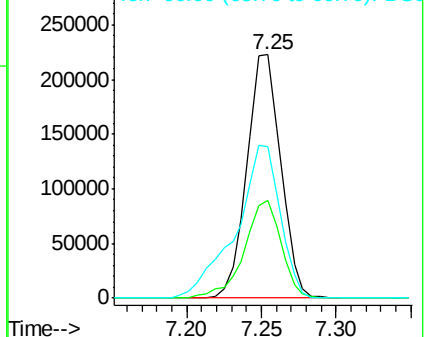
66 62.4 22.2 62.2#

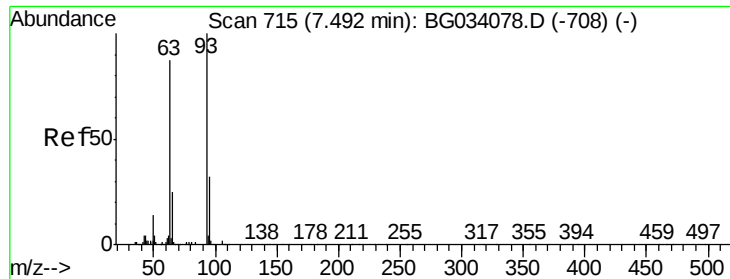


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

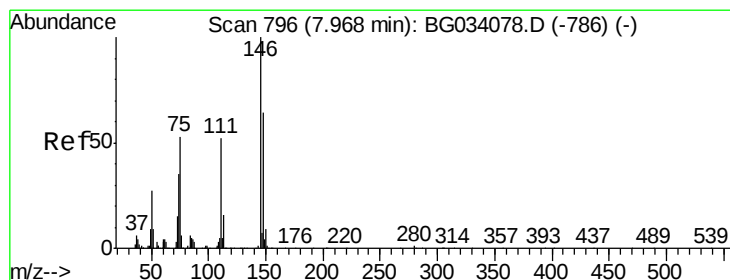
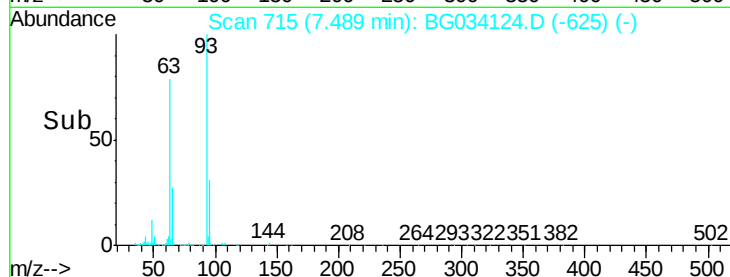
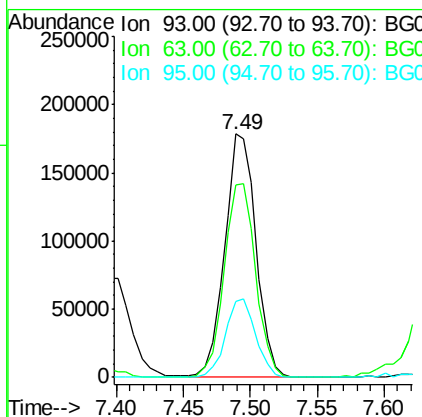
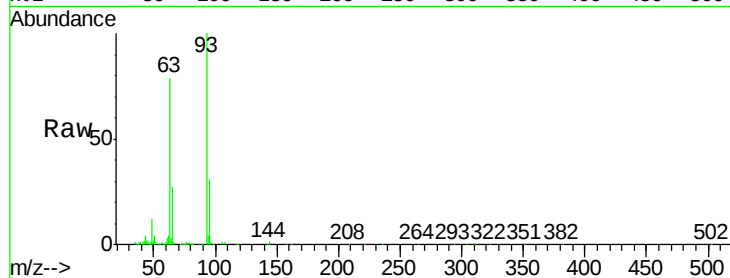




#11
bis(2-Chloroethyl)ether
Concen: 49.00 ng
RT: 7.49 min Scan# 715
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

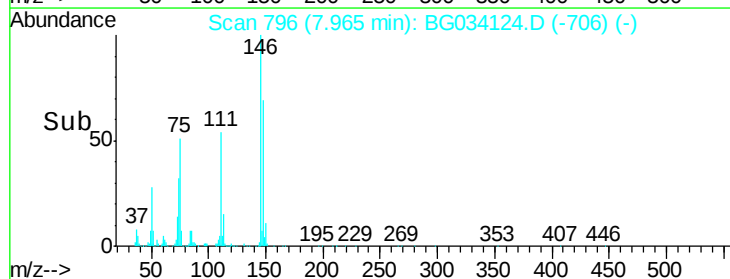
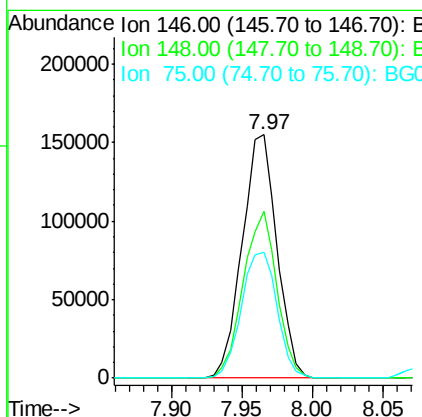
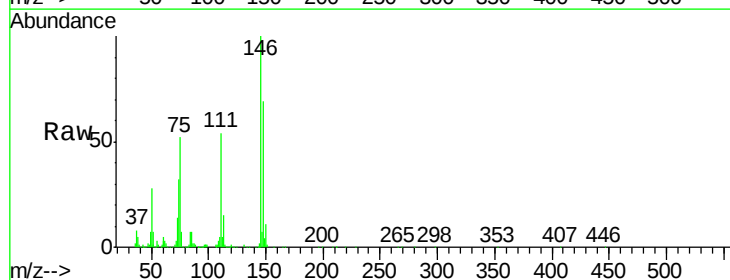
Instrument :
BNA_G
ClientSampleId :

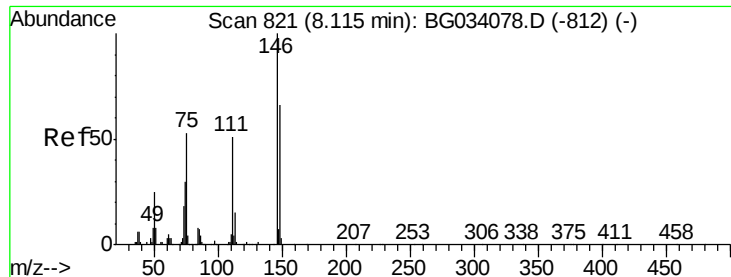
Tot Ion	Ratio	Lower	Upper
93	100		
63	79.2	67.1	107.1
95	31.2	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 43.98 ng
RT: 7.97 min Scan# 796
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.5	51.4	77.2
75	51.6	26.6	39.8

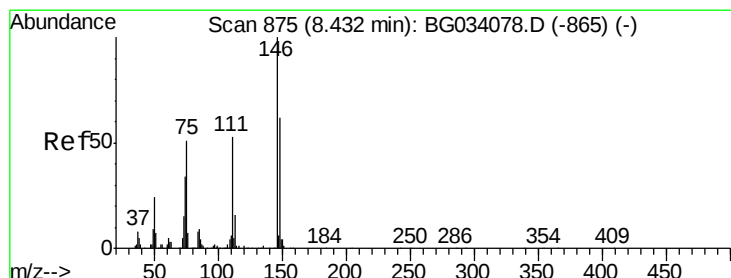
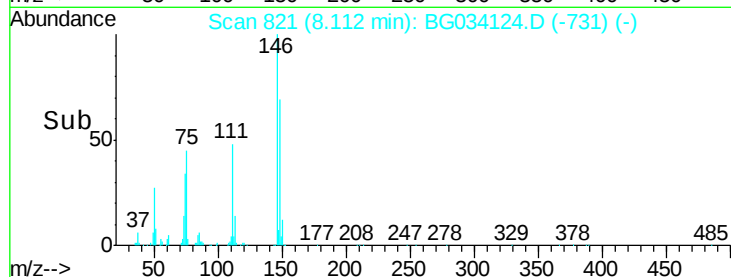
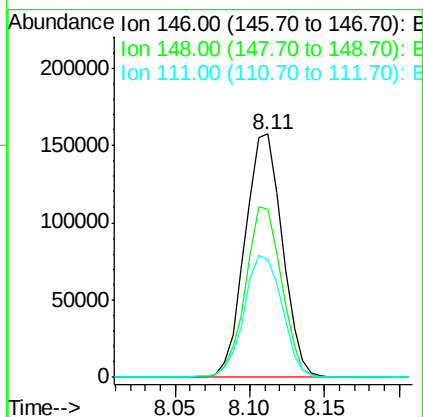
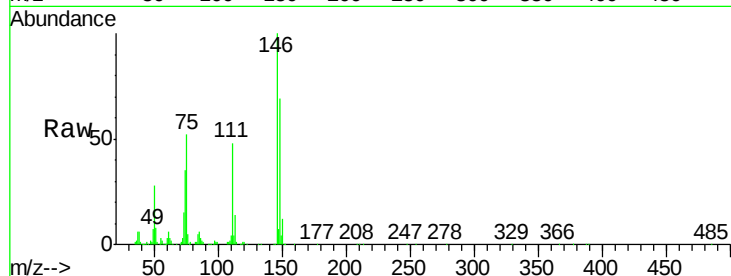




#13
 1,4-Dichlorobenzene
 Concen: 44.92 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BG034124.D
 Acq: 2 May 2018 20:08

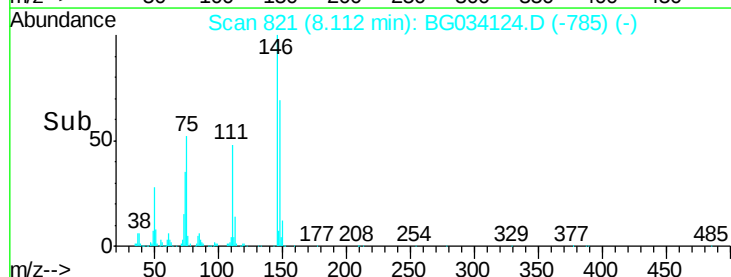
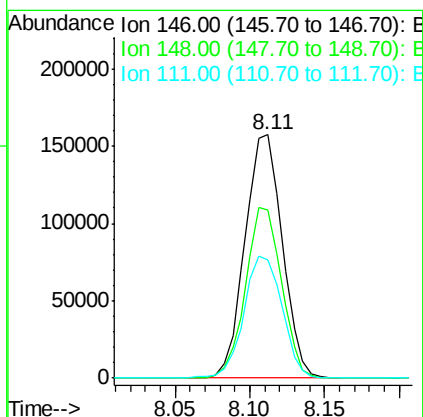
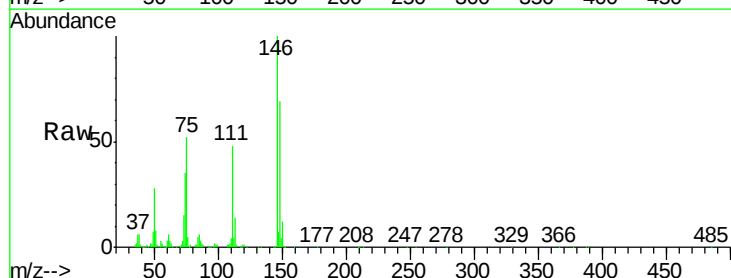
Instrument :
 BNA_G
 ClientSampleId :

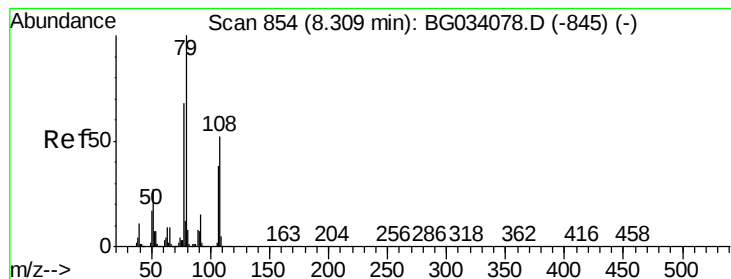
Tot Ion	Ratio	Lower	Upper
146	100		
148	69.1	53.7	80.5
111	48.4	35.2	52.8



#14
 1,2-Dichlorobenzene
 Concen: 47.29 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.32 min
 Lab File: BG034124.D
 Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.1	49.3	73.9
111	48.4	34.3	51.5





#15

Benzyl Alcohol

Concen: 49.67 ng

RT: 8.31 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

BNA_G

ClientSampled :

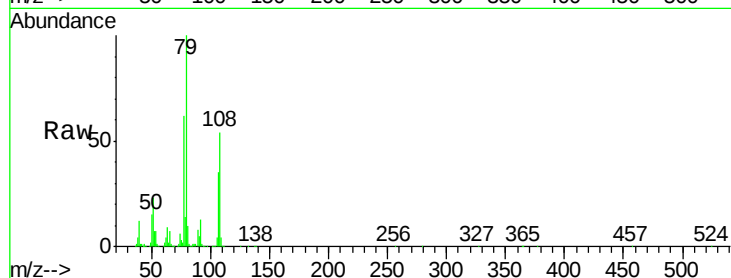
Tot Ion: 79 Resp: 398025

Ion Ratio Lower Upper

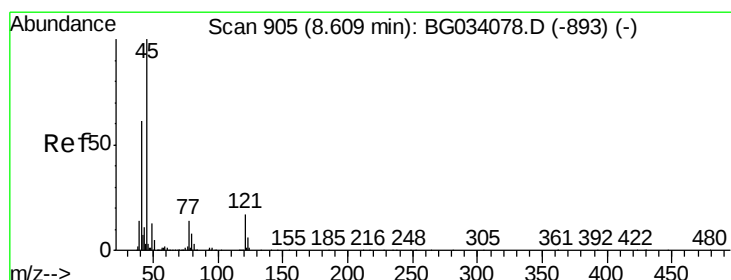
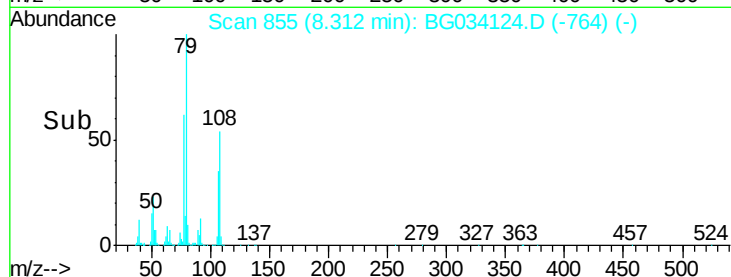
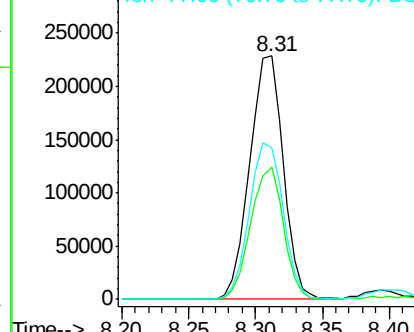
79 100

108 54.1 57.2 85.8#

77 62.4 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: 47.44 ng

RT: 8.60 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

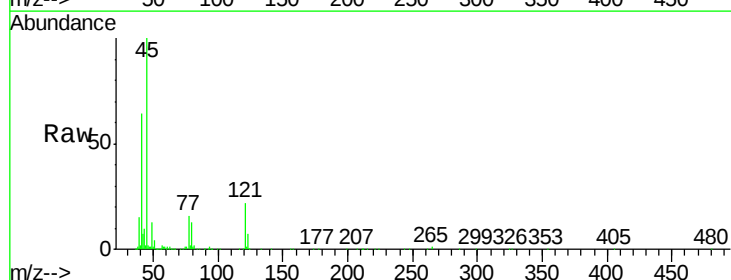
Tgt Ion: 45 Resp: 389375

Ion Ratio Lower Upper

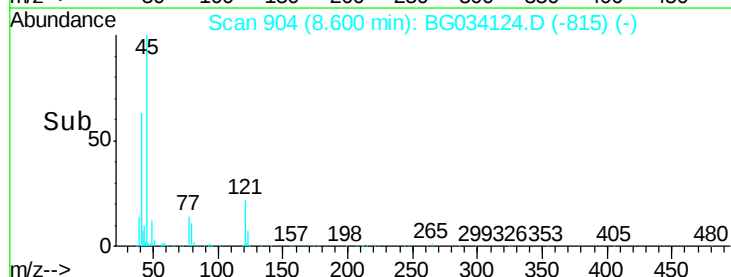
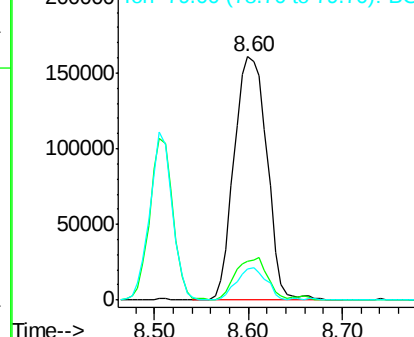
45 100

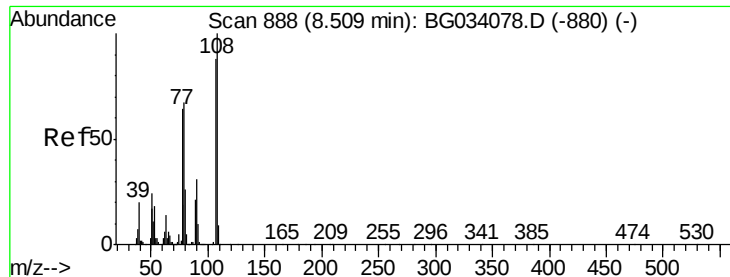
77 16.0 0.0 30.2

79 12.5 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: 49.42 ng

RT: 8.51 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG034124.D

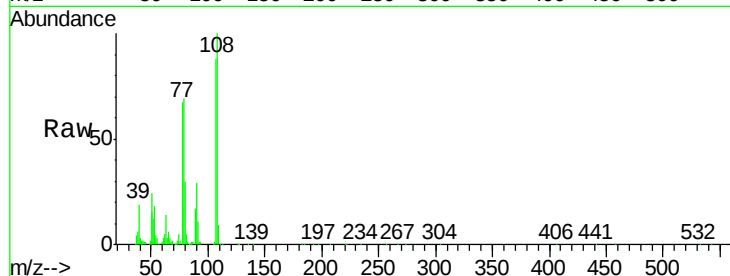
Acq: 2 May 2018 20:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	246367
Ion	Ratio	Lower	Upper
107	100		
108	113.7	83.9	125.9
77	76.4	37.2	55.8#
79	78.8	36.2	54.2#

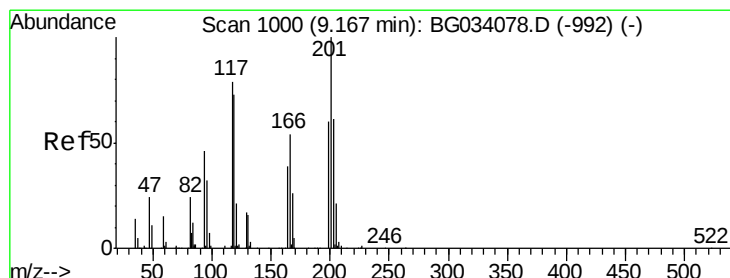
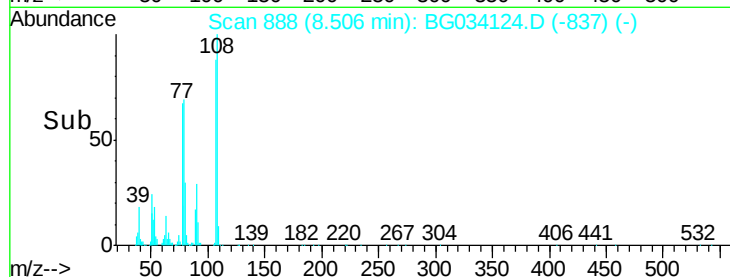
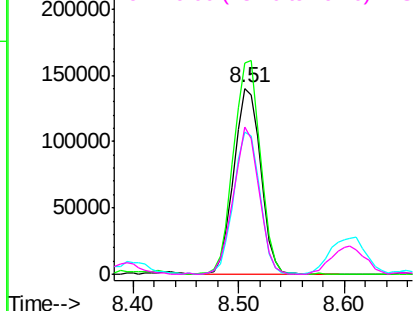


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 45.45 ng

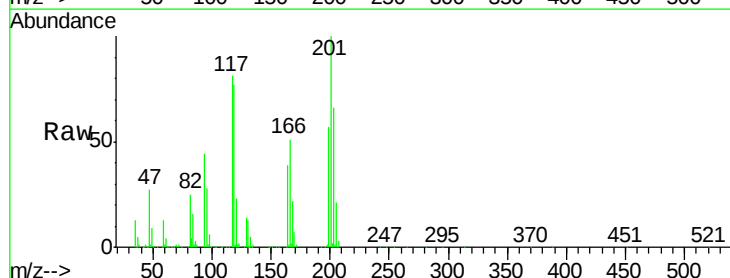
RT: 9.16 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

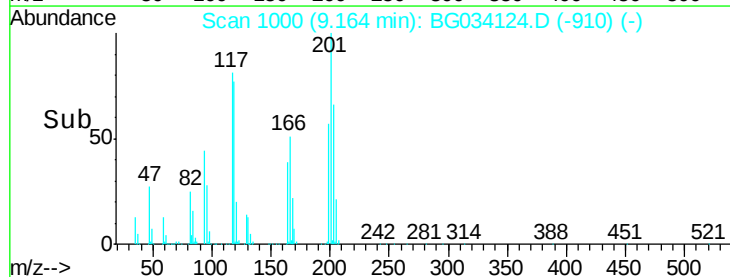
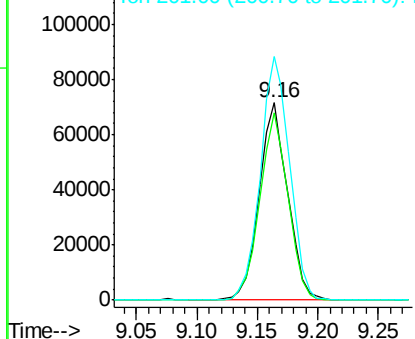
Tgt Ion:	117	Resp:	116973
Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.7	115.1
201	123.3	95.7	143.5

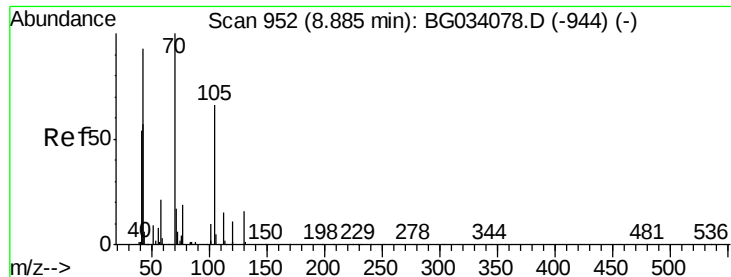


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

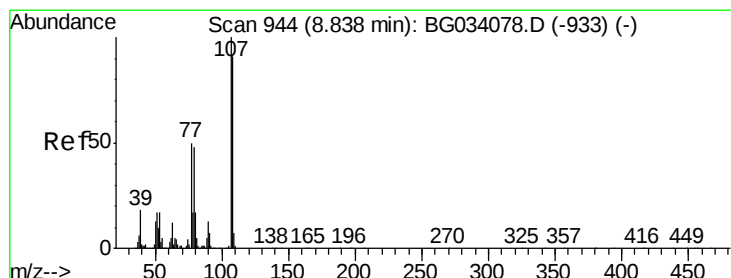
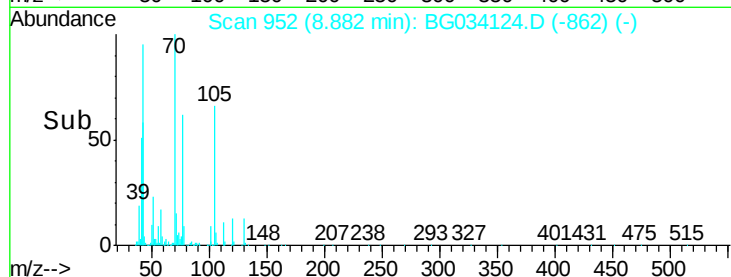
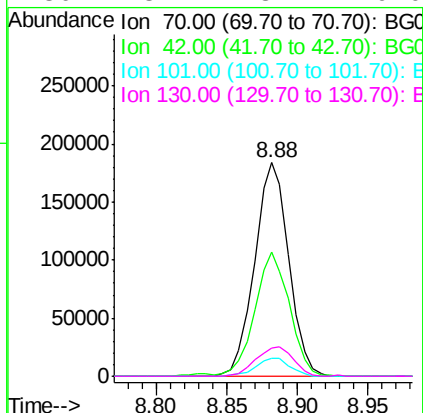
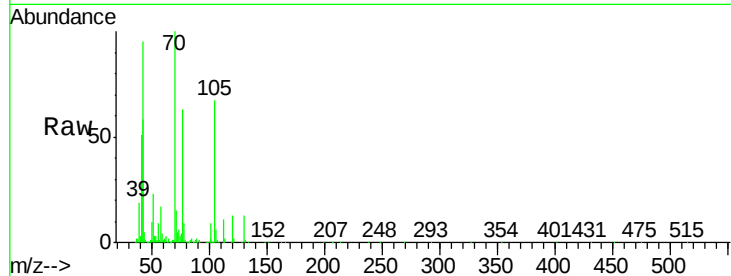




#19
n-Nitroso-di-n-propylamine
Concen: 46.25 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

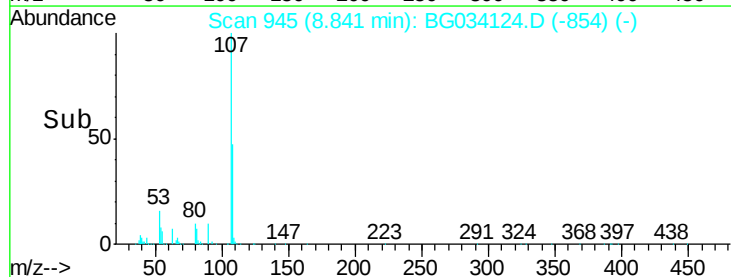
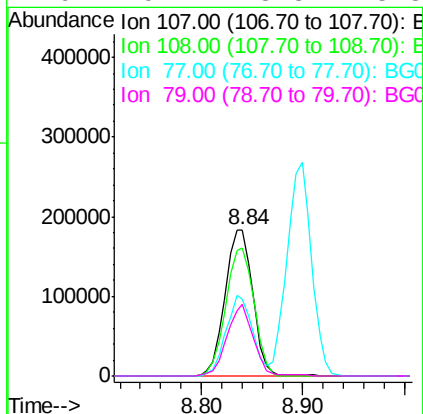
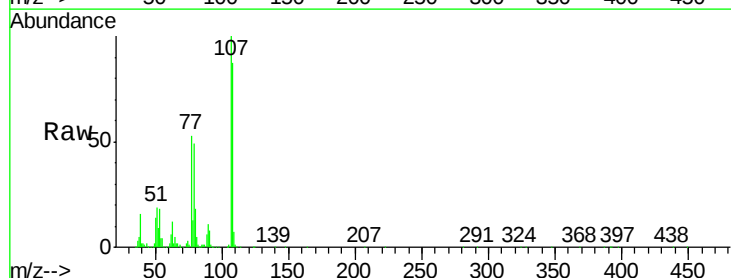
Instrument :
BNA_G
ClientSampleId :

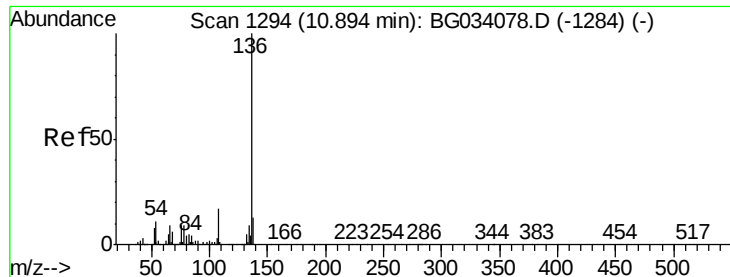
Tot Ion: 70 Resp: 311989
Ion Ratio Lower Upper
70 100
42 58.2 49.1 73.7
101 8.5 8.5 12.7
130 13.2 13.4 20.0#



#20
3+4-Methylphenols
Concen: 47.20 ng
RT: 8.84 min Scan# 945
Delta R.T. 0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion: 107 Resp: 348506
Ion Ratio Lower Upper
107 100
108 87.3 61.6 101.6
77 52.9 13.9 53.9
79 49.2 8.8 48.8#

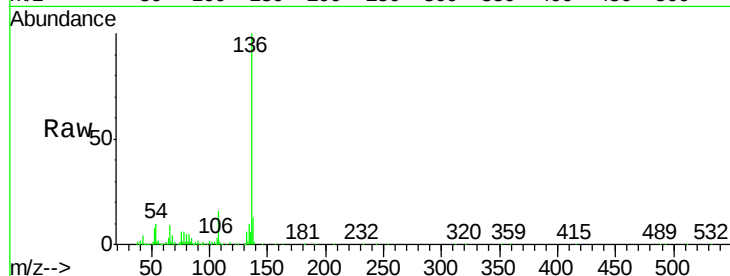




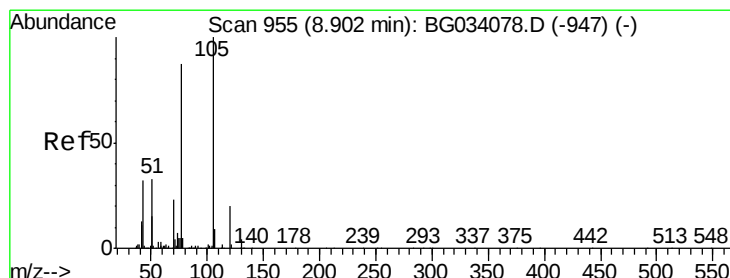
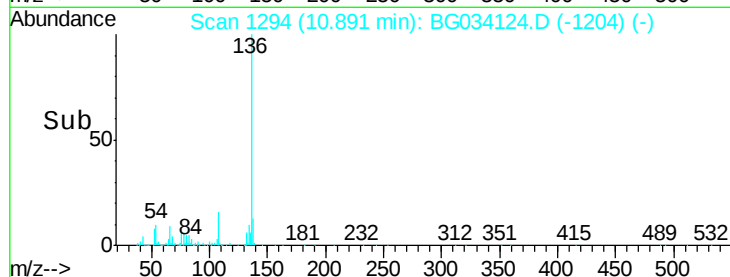
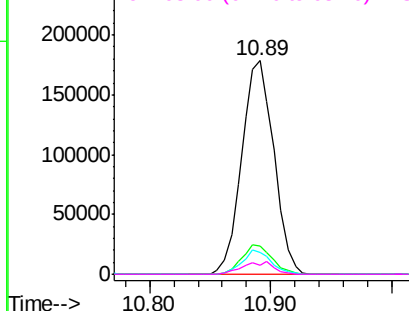
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	330158
Ion Ratio	Lower	Upper
136	100	
137	13.0	9.2 13.8
54	10.4	10.3 15.5
68	4.5	4.5 6.7#

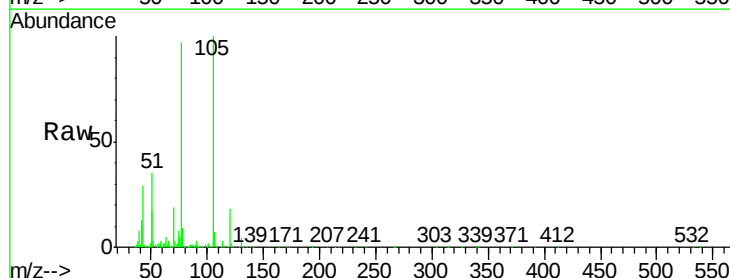


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

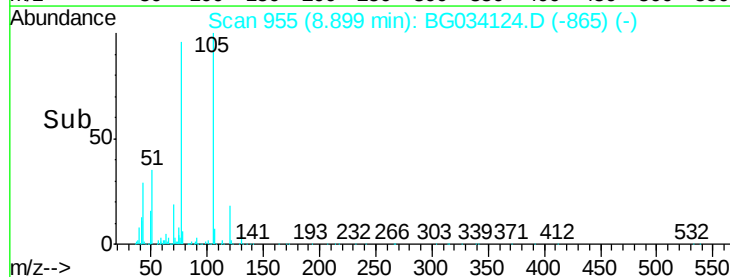
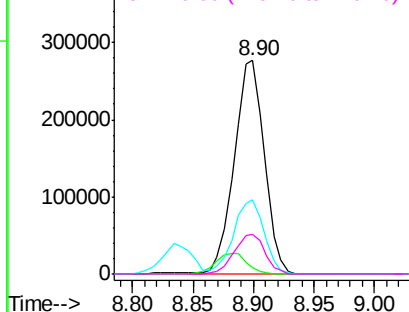


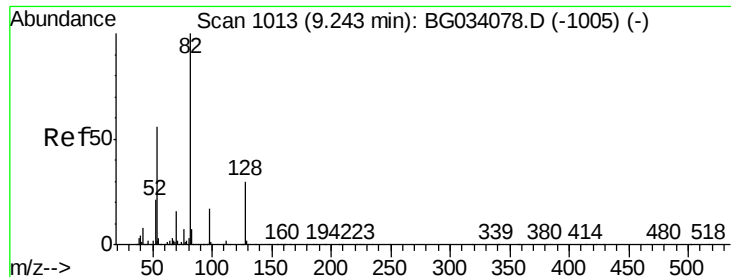
#22
Acetophenone
Concen: 42.72 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion:105	Resp:	480400
Ion Ratio	Lower	Upper
105	100	
71	3.3	3.0 4.4
51	34.9	26.1 39.1
120	18.5	17.4 26.2



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

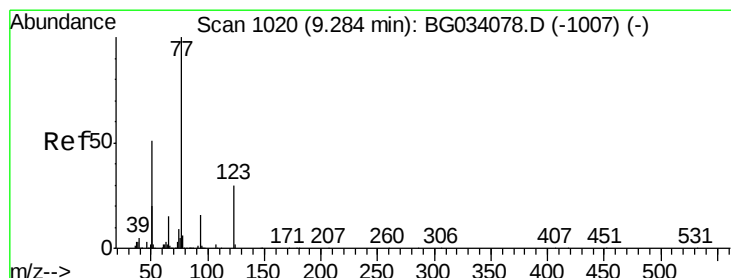
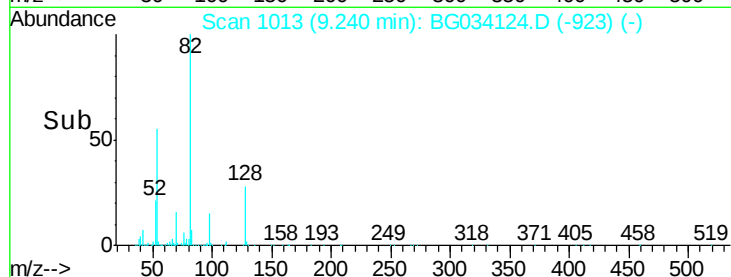
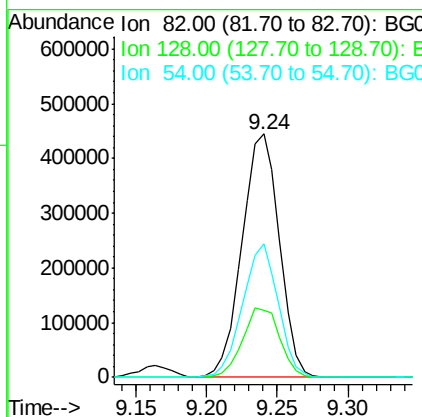
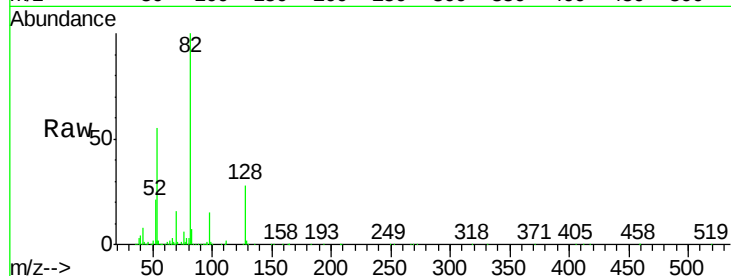




#23
 Nitrobenzene-d5
 Concen: 95.92 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BG034124.D
 Acq: 2 May 2018 20:08

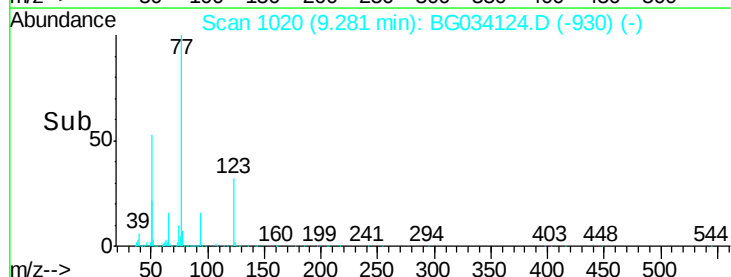
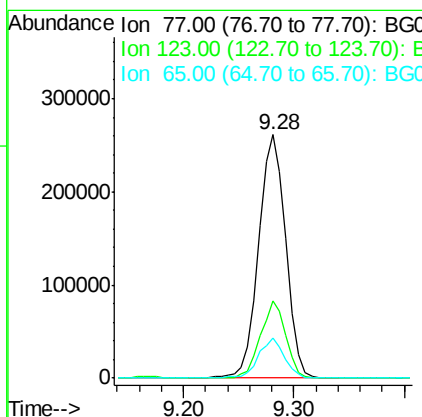
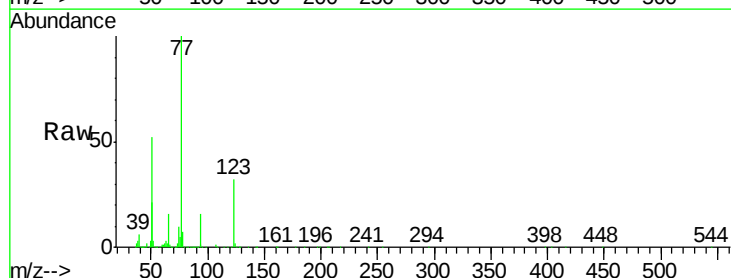
Instrument :
 BNA_G
 ClientSampleId :

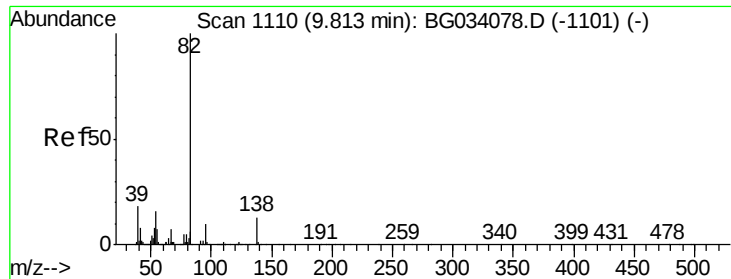
Tot Ion	Ratio	Lower	Upper
82	100		
128	27.6	29.7	44.5#
54	54.9	43.1	64.7



#24
 Nitrobenzene
 Concen: 47.71 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG034124.D
 Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	31.7	33.0	49.6#
65	16.4	13.0	19.6





#25

Isophorone

Concen: 46.50 ng

RT: 9.81 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

BNA_G

ClientSampleId :

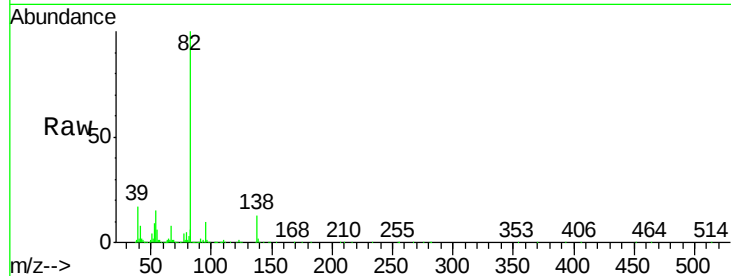
Tot Ion: 82 Resp: 816328

Ion Ratio Lower Upper

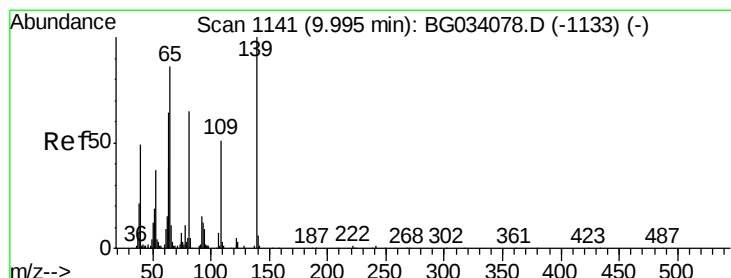
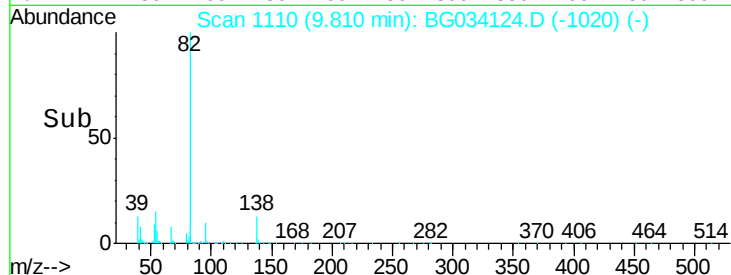
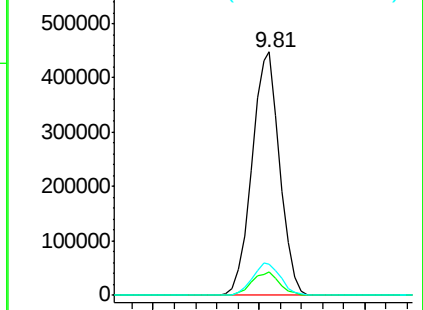
82 100

95 9.7 6.2 9.2#

138 12.5 12.1 18.1



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



#26

2-Nitrophenol

Concen: 53.77 ng

RT: 9.99 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

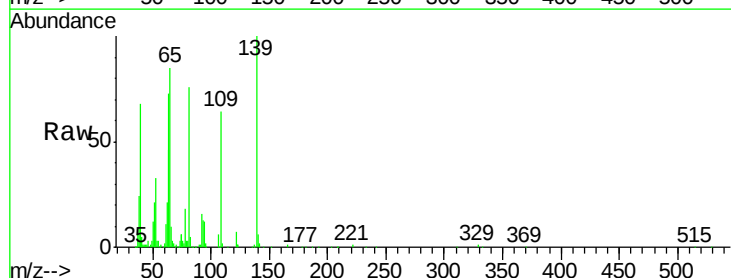
Tgt Ion: 139 Resp: 140214

Ion Ratio Lower Upper

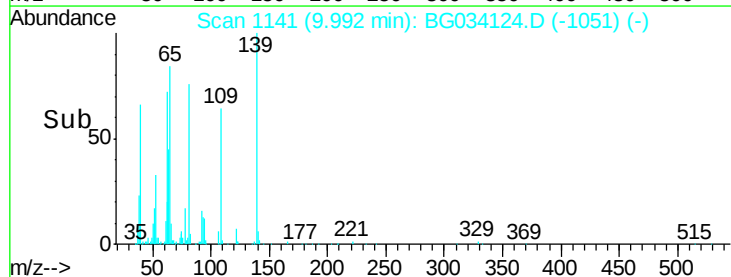
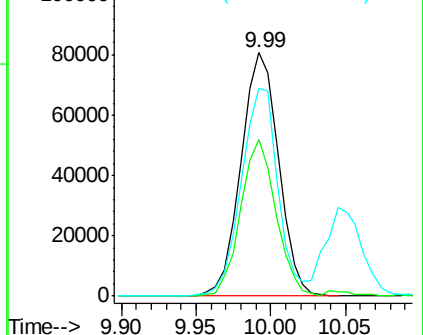
139 100

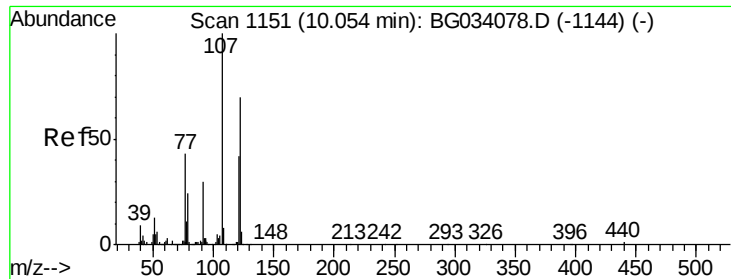
109 64.3 24.2 36.2#

65 85.2 47.4 71.0#



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

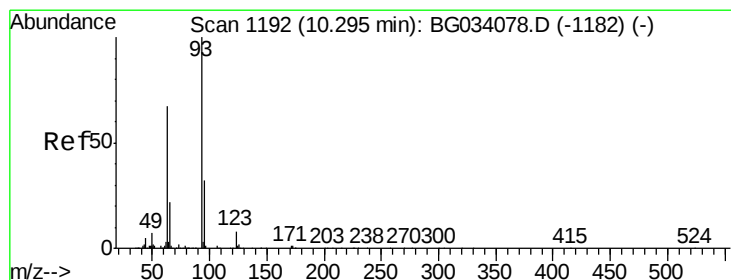
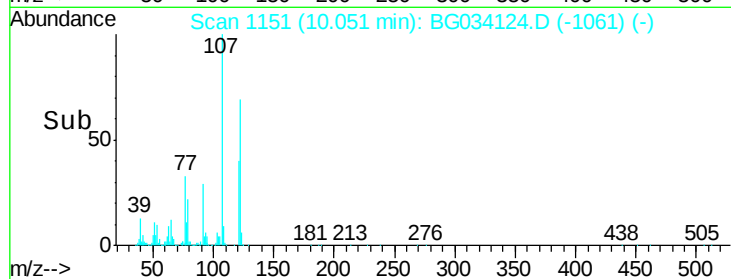
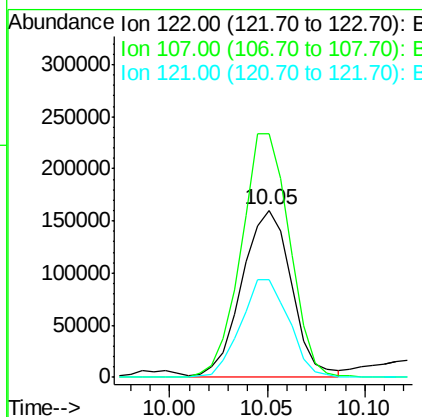
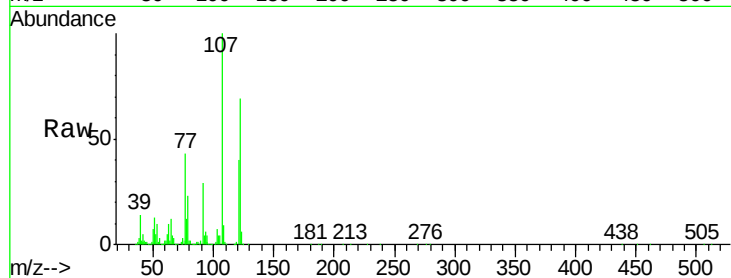




#27
2,4-Dimethylphenol
Concen: 55.58 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

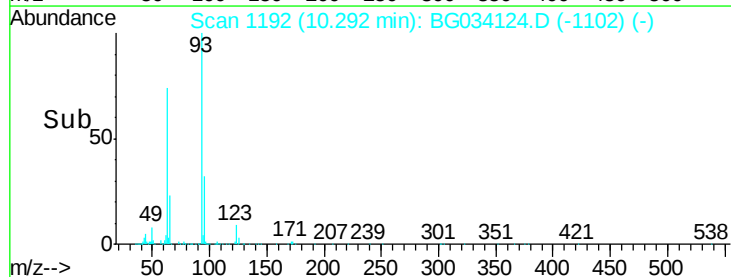
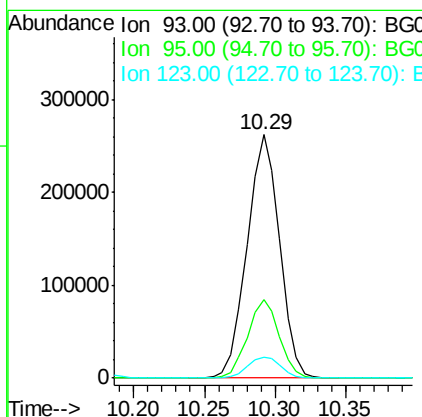
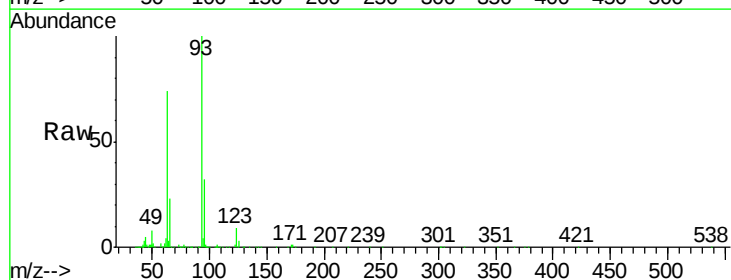
Instrument :
BNA_G
ClientSampleId :

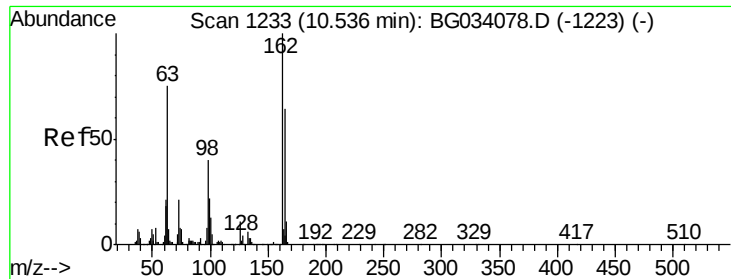
Tot Ion	Ratio	Lower	Upper
122	100		
107	145.8	100.2	150.2
121	58.5	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 48.94 ng
RT: 10.29 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	24.3	36.5
123	8.7	8.4	12.6

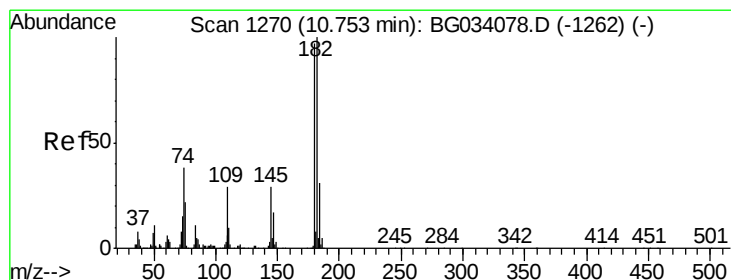
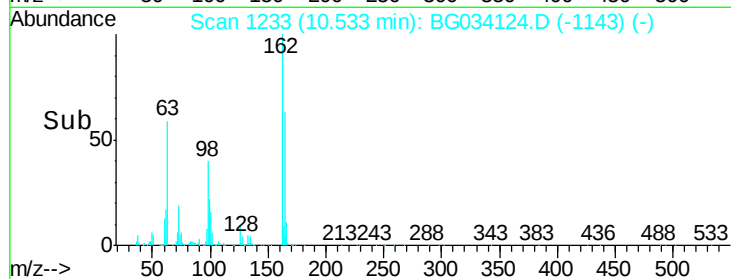
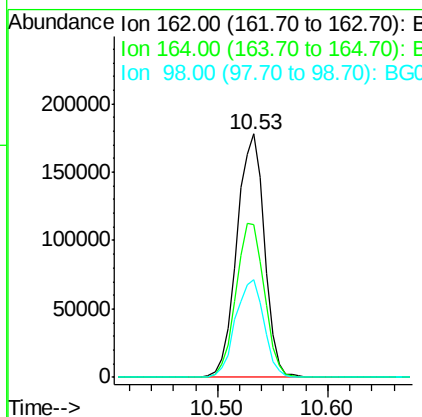
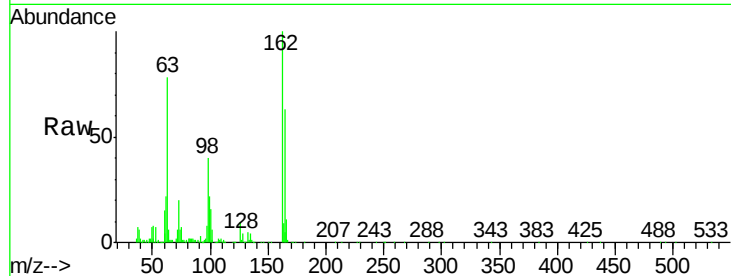




#29
 2,4-Dichlorophenol
 Concen: 51.60 ng
 RT: 10.53 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BG034124.D
 Acq: 2 May 2018 20:08

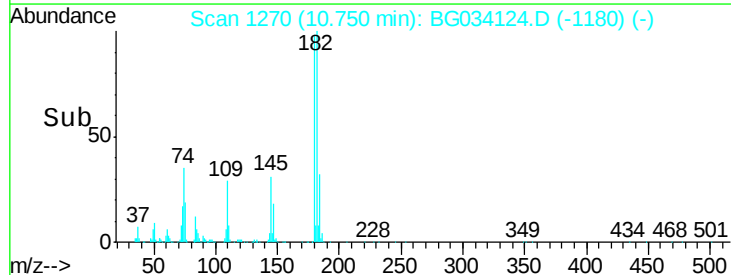
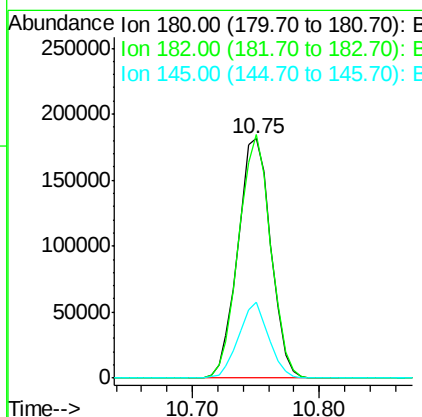
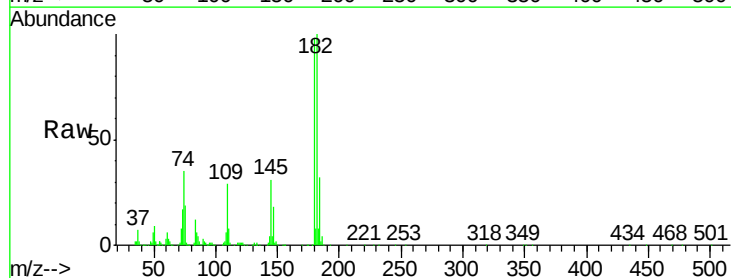
Instrument :
 BNA_G
 ClientSampleId :

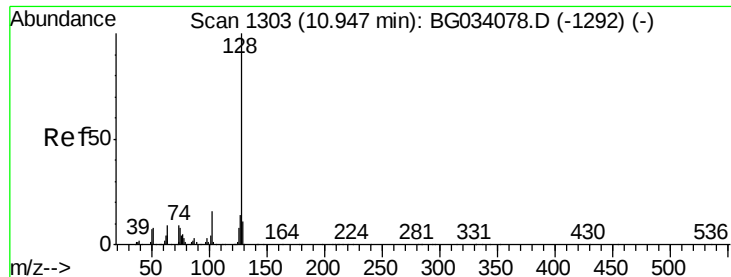
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	48.0	88.0
98	40.2	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 44.96 ng
 RT: 10.75 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BG034124.D
 Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.6	77.5	116.3
145	31.9	23.4	35.2

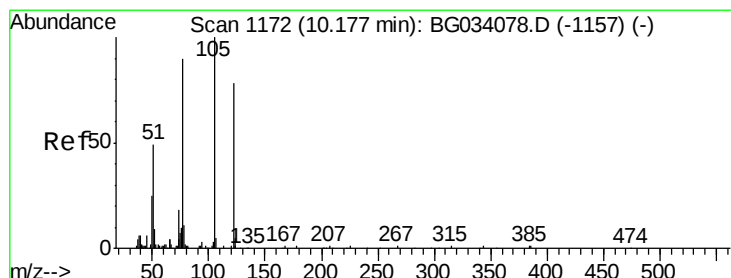
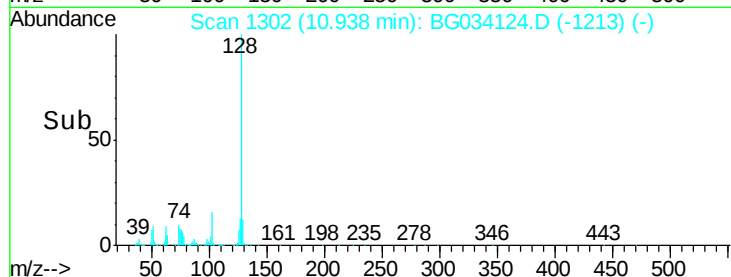
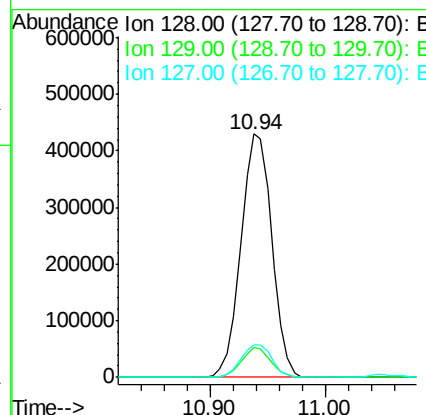
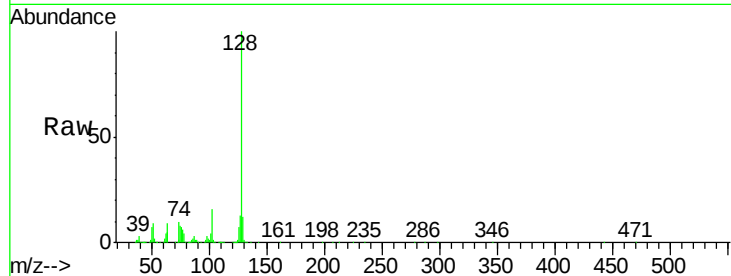




#31
Naphthalene
Concen: 45.77 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

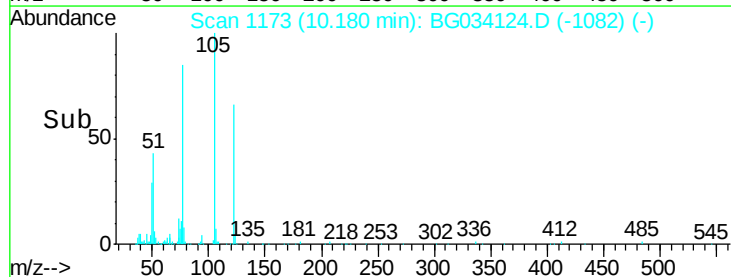
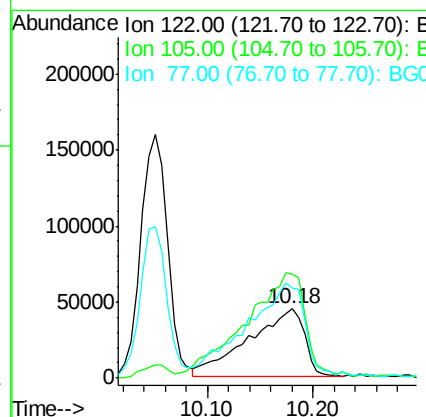
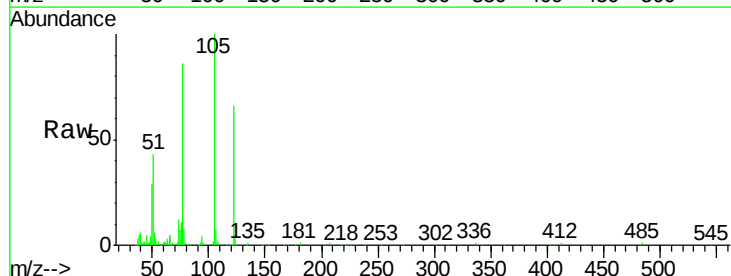
Instrument :
BNA_G
ClientSampleId :

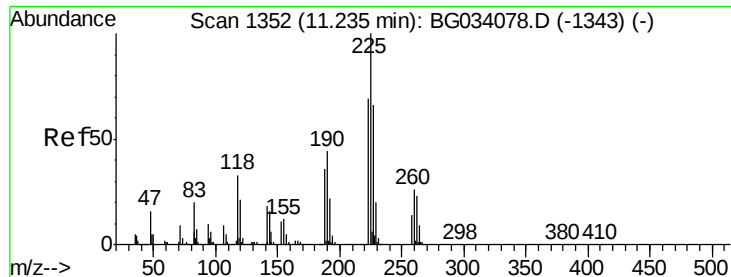
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.4	8.6	12.8
127	13.3	11.6	17.4



#32
Benzoic acid
Concen: 37.78 ng
RT: 10.18 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	151.1	123.5	163.5
77	130.3	85.7	125.7#

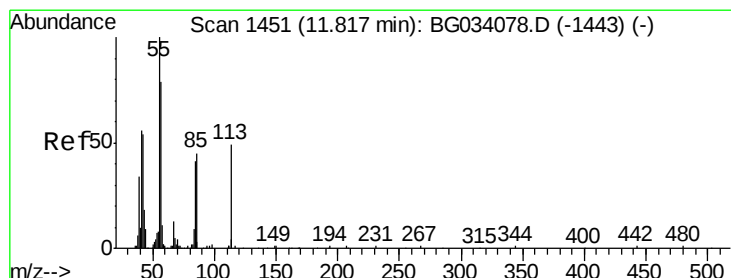
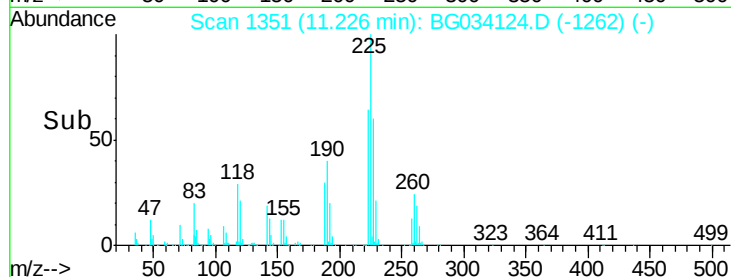
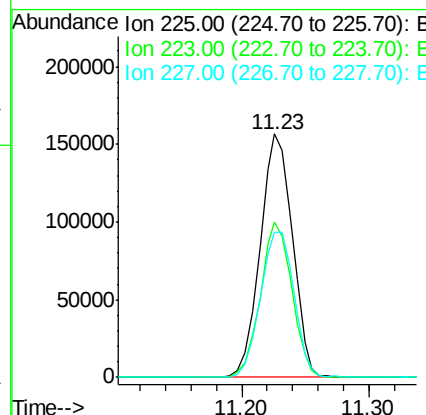
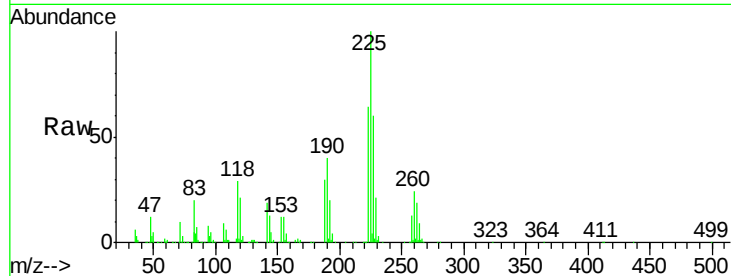




#34
Hexachlorobutadiene
Concen: 44.95 ng
RT: 11.23 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

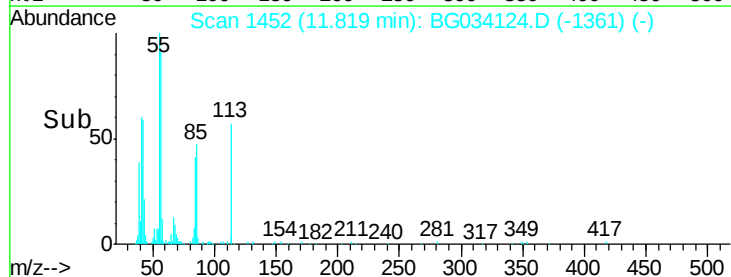
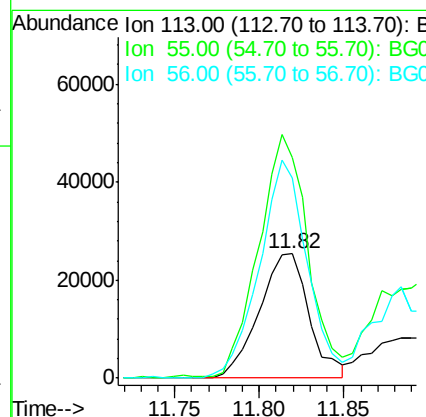
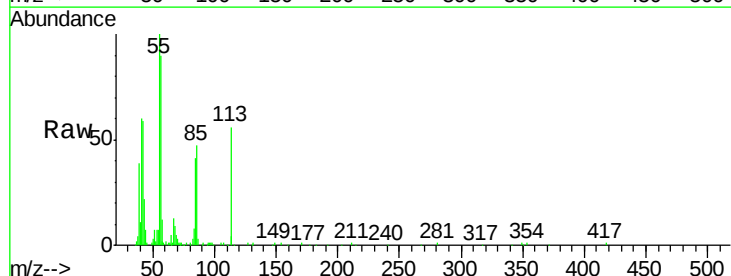
Instrument :
BNA_G
ClientSampleId :

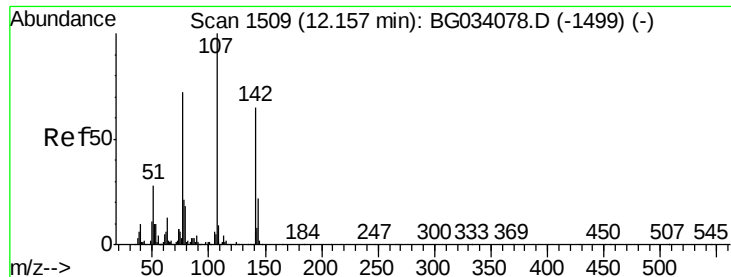
Tot Ion:225 Resp: 276784
Ion Ratio Lower Upper
225 100
223 63.9 49.7 74.5
227 59.6 48.1 72.1



#35
Caprolactam
Concen: 24.30 ng
RT: 11.82 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion:113 Resp: 52157
Ion Ratio Lower Upper
113 100
55 177.9 186.9 226.9#
56 161.0 130.9 170.9

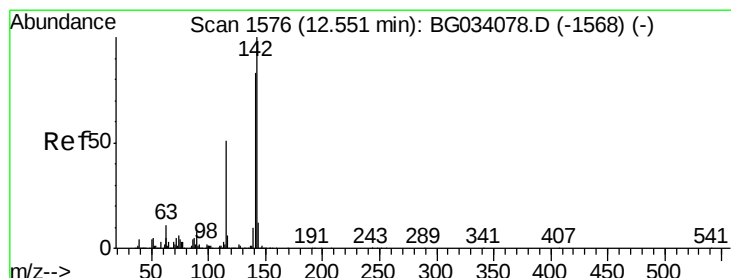
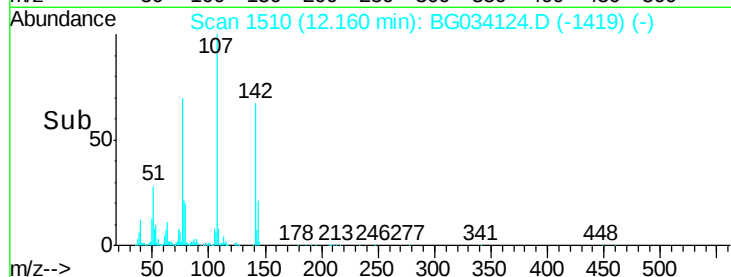
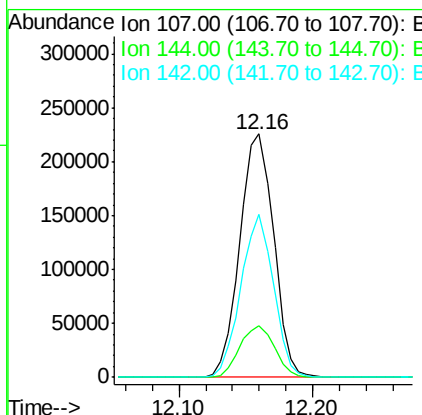
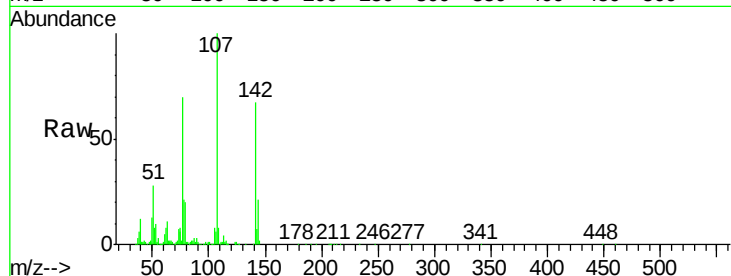




#36
 4-Chloro-3-methylphenol
 Concen: 50.59 ng
 RT: 12.16 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BG034124.D
 Acq: 2 May 2018 20:08

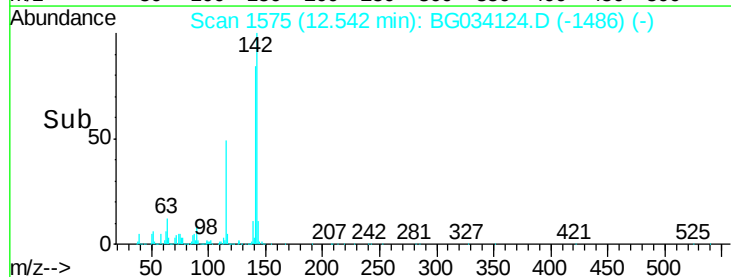
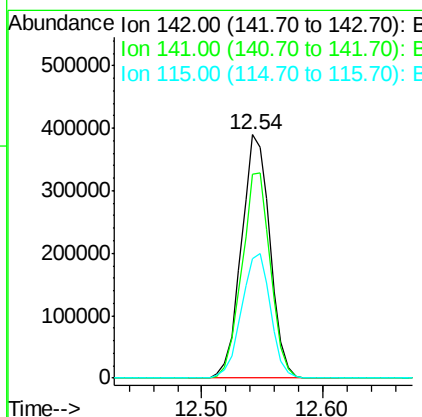
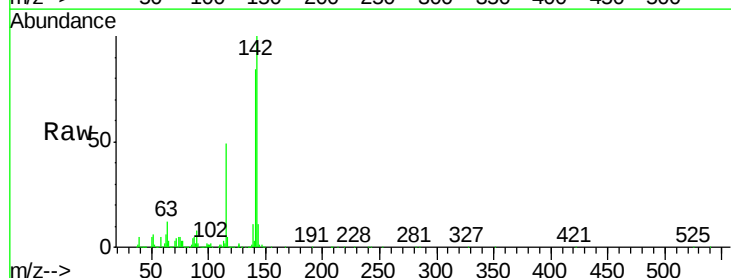
Instrument :
 BNA_G
 ClientSampleId :

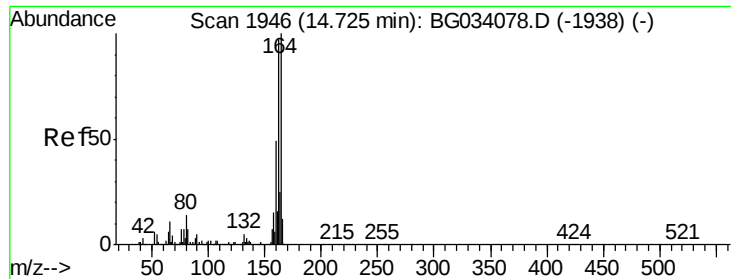
Tot Ion	Ratio	Lower	Upper
107	100		
144	21.0	18.2	27.4
142	67.1	59.0	88.4



#37
 2-Methylnaphthalene
 Concen: 45.62 ng
 RT: 12.54 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: BG034124.D
 Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.6	67.1	100.7
115	49.0	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: BG034124.D

Acq: 2 May 2018 20:08

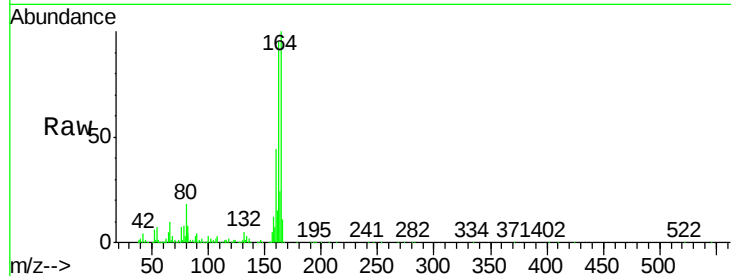
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 266988

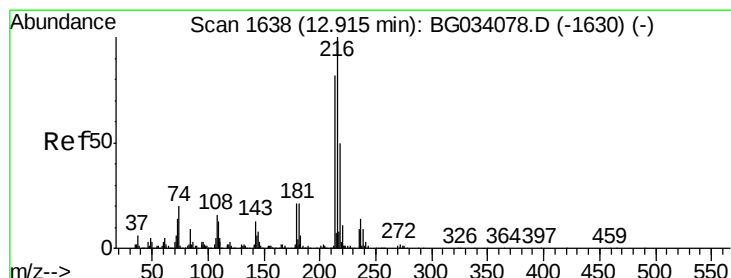
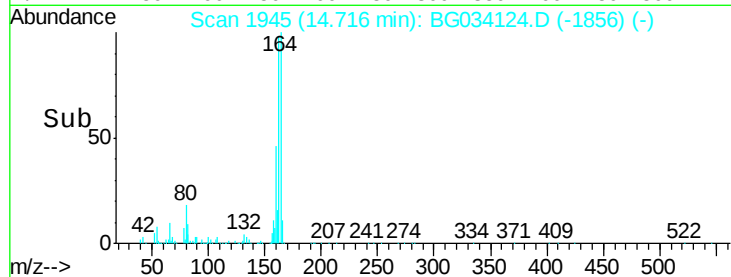
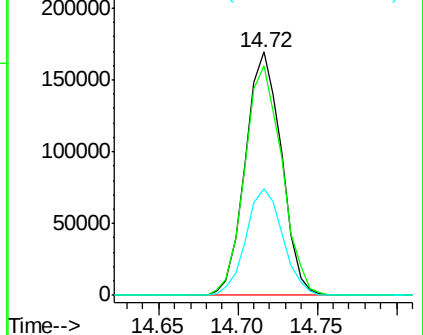
Ion	Ratio	Lower	Upper
164	100		
162	94.5	78.8	118.2
160	43.8	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.15 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Tgt Ion:216 Resp: 466511

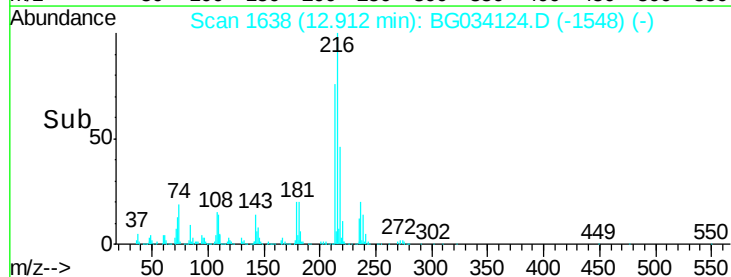
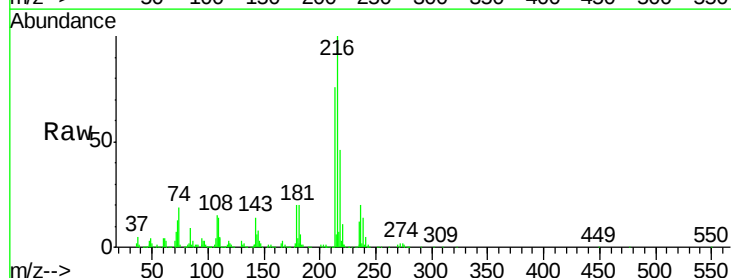
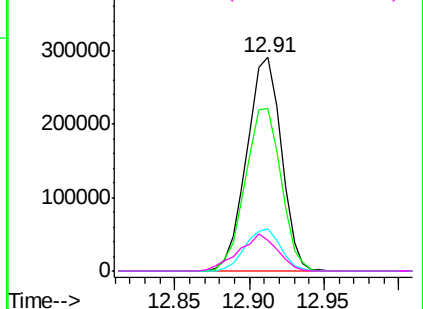
Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	20.2	17.0	25.6
108	19.3	12.8	19.2#

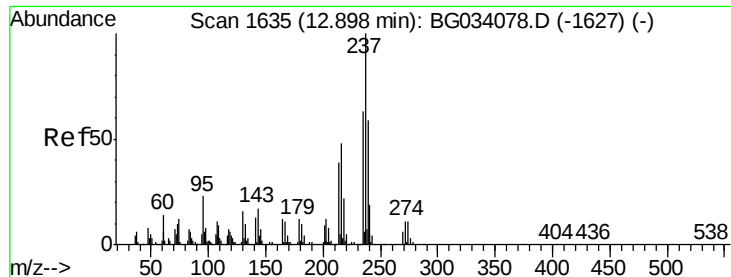
Abundance Ion 216.00 (215.70 to 216.70): E

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

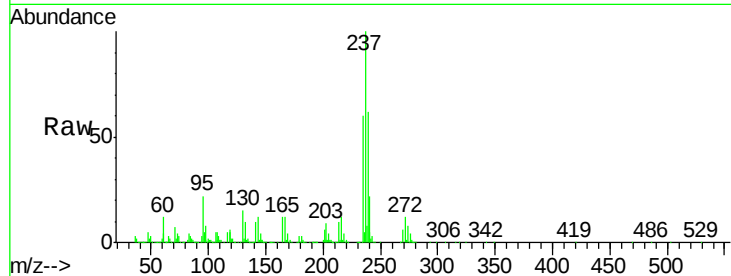




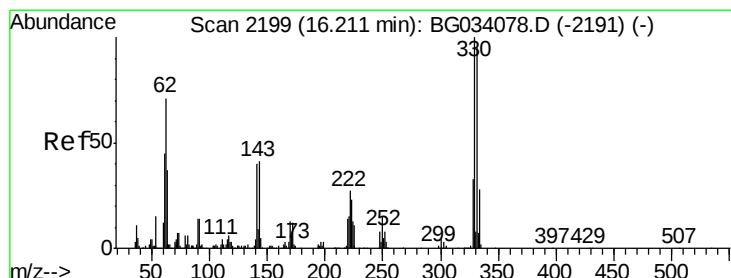
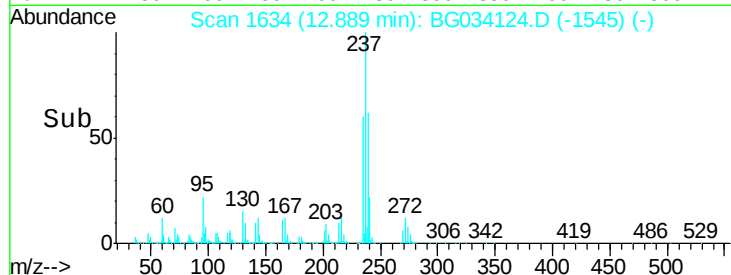
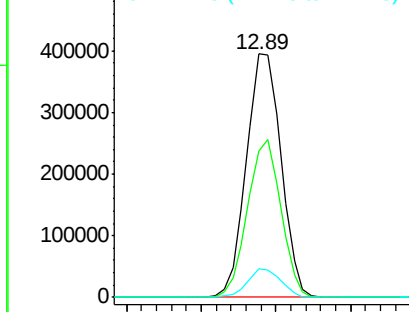
#40
Hexachlorocyclopentadiene
Concen: 103.61 ng
RT: 12.89 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 634272
Ion Ratio Lower Upper
237 100
235 59.9 50.4 90.4
272 11.8 0.0 31.8

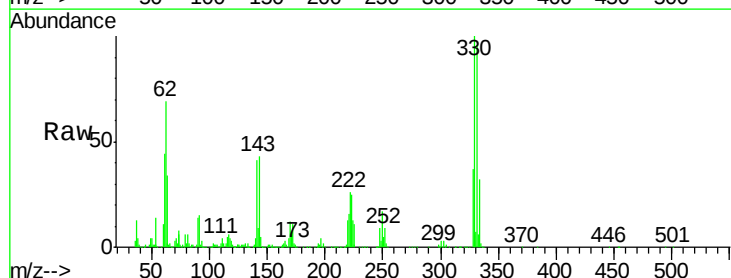


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

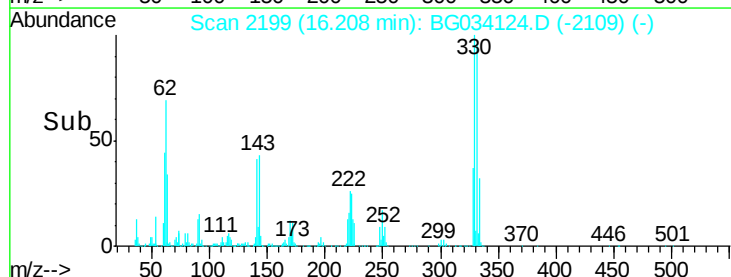
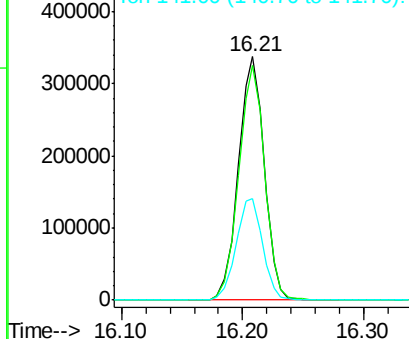


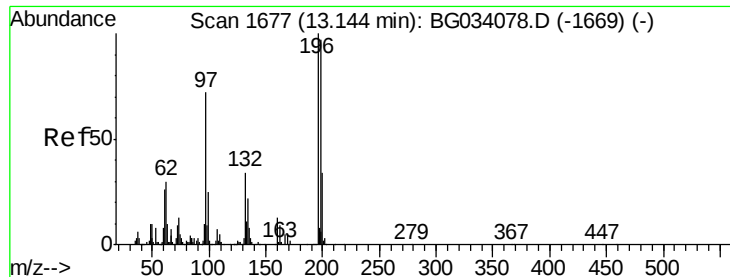
#41
2,4,6-Tribromophenol
Concen: 135.94 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion:330 Resp: 502585
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 42.9 25.2 37.8#



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





#42

2,4,6-Trichlorophenol

Concen: 50.21 ng

RT: 13.14 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

BNA_G

ClientSampleId :

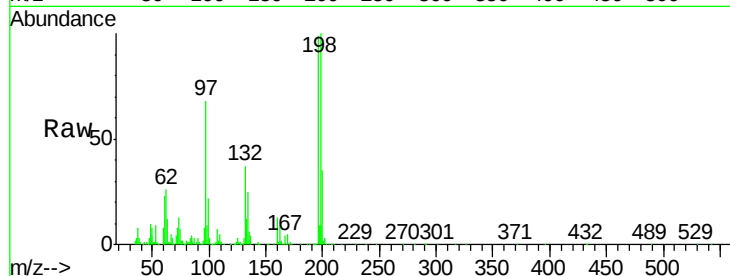
Tot Ion:196 Resp: 301386

Ion Ratio Lower Upper

196 100

198 100.6 78.2 117.2

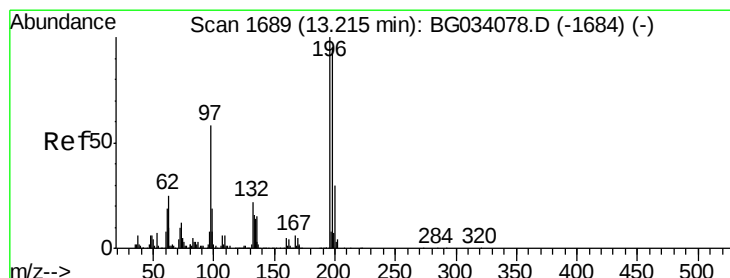
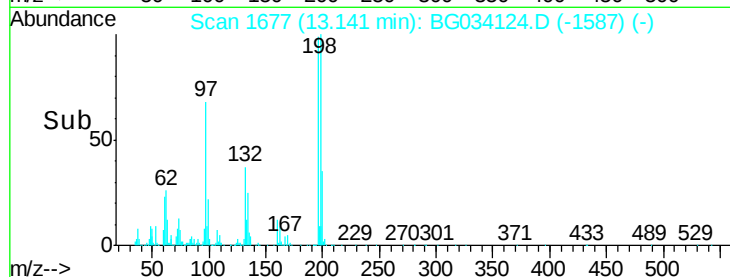
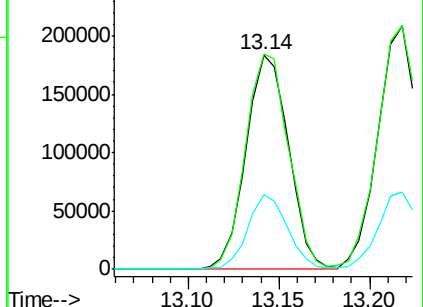
200 34.9 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 50.00 ng

RT: 13.22 min Scan# 1690

Delta R.T. 0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Tgt Ion:196 Resp: 331788

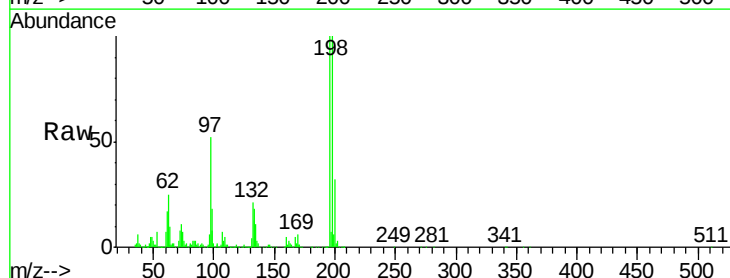
Ion Ratio Lower Upper

196 100

198 99.9 76.2 114.4

97 51.8 38.7 58.1

132 20.6 20.2 30.2

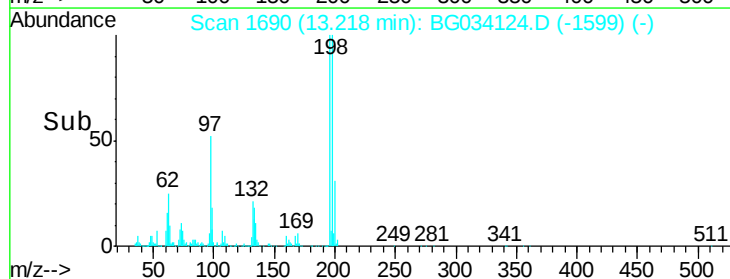
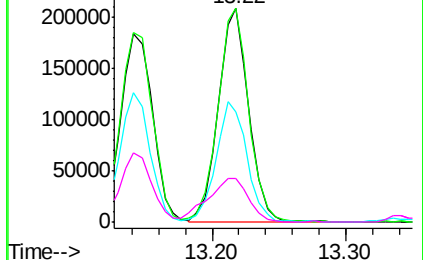


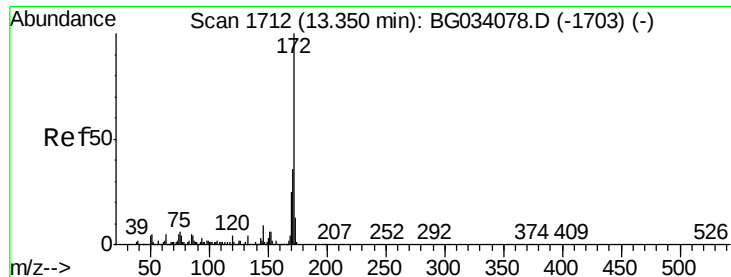
Abundance Ion 196.00 (195.70 to 196.70): E

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



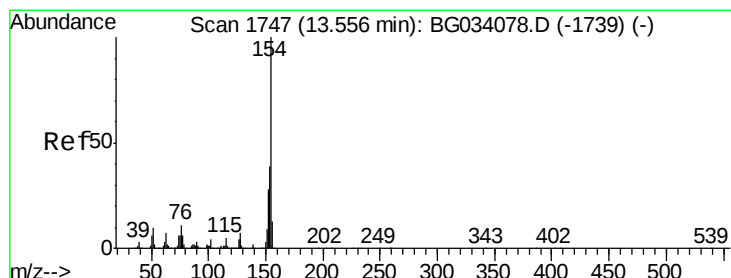
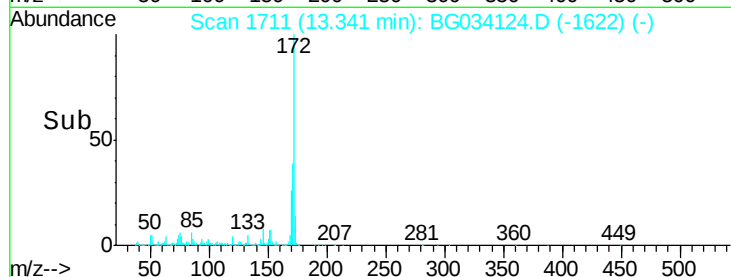
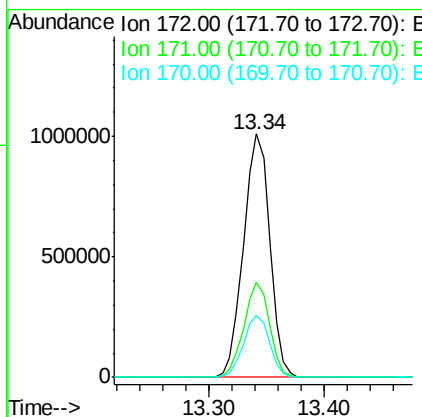
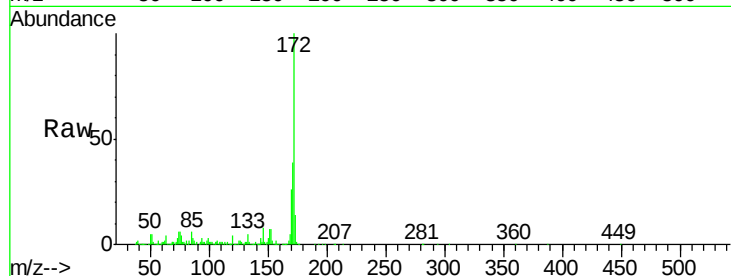


#44
 2-Fluorobiphenyl
 Concen: 87.08 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG034124.D
 Acq: 2 May 2018 20:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1595558

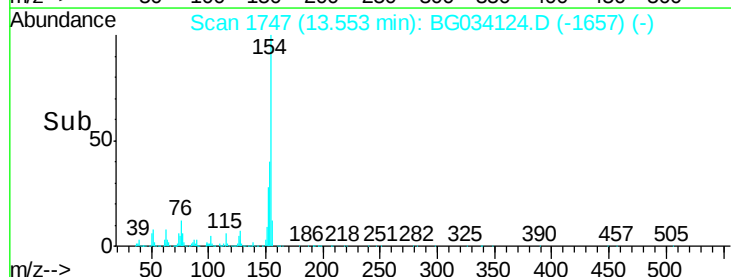
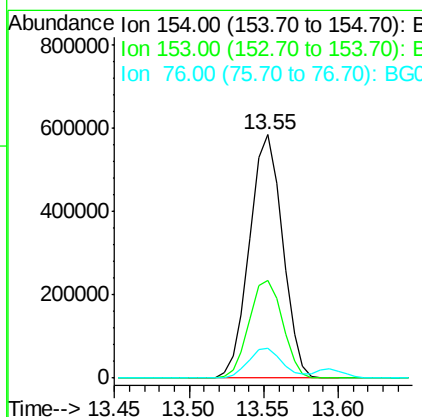
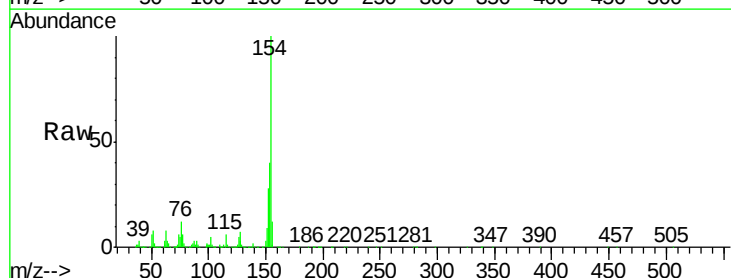
Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.0	45.0
170	25.6	19.5	29.3

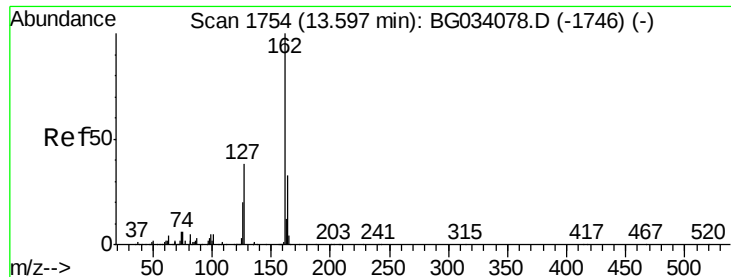


#45
 1,1'-Biphenyl
 Concen: 42.88 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BG034124.D
 Acq: 2 May 2018 20:08

Tgt Ion:154 Resp: 894447

Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.8	59.8
76	12.2	0.0	31.9

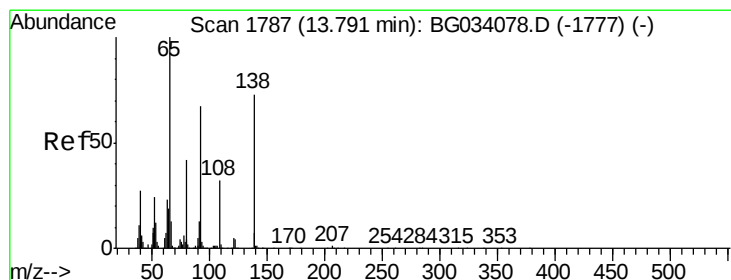
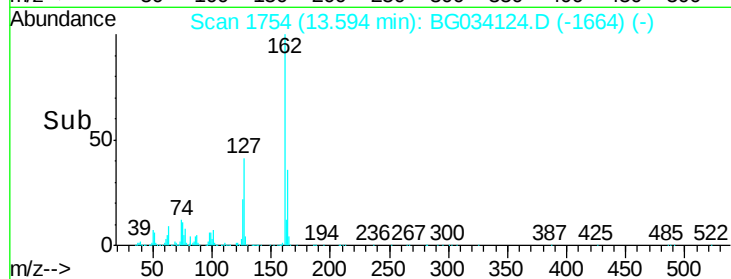
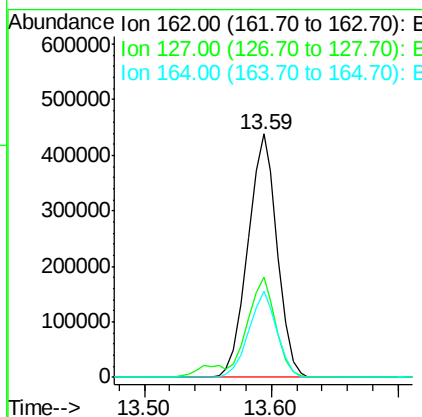
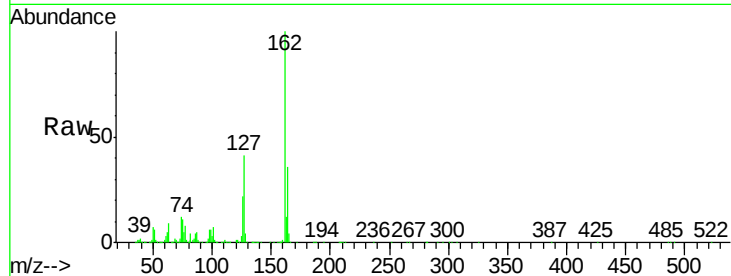




#46
2-Chloronaphthalene
Concen: 44.31 ng
RT: 13.59 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

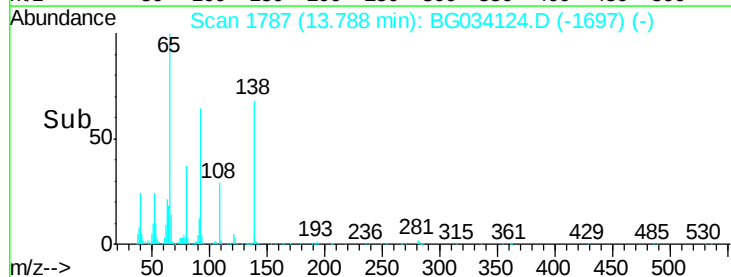
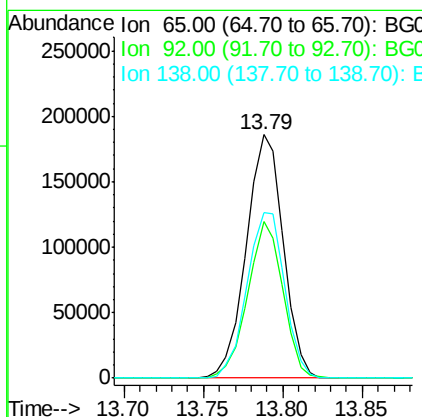
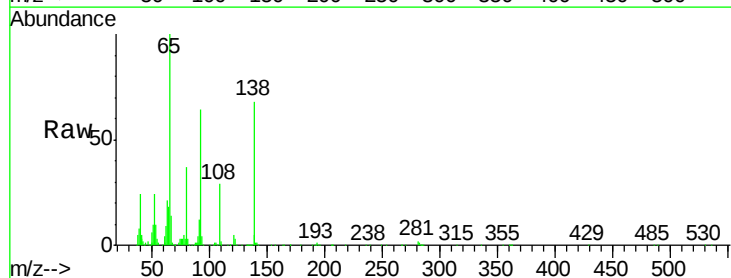
Instrument :
BNA_G
ClientSampled :

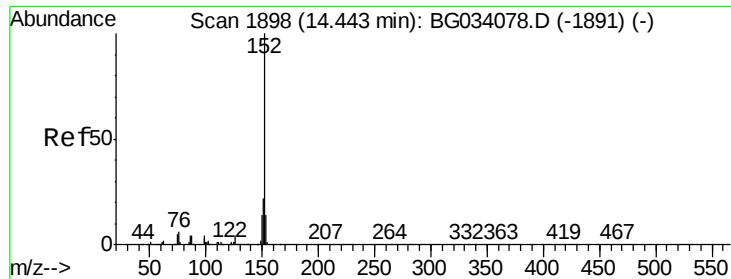
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	30.7	46.1
164	35.6	26.0	39.0



#47
2-Nitroaniline
Concen: 47.72 ng
RT: 13.79 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.2	54.6	82.0
138	68.2	72.9	109.3





#48

Acenaphthylene

Concen: 42.64 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

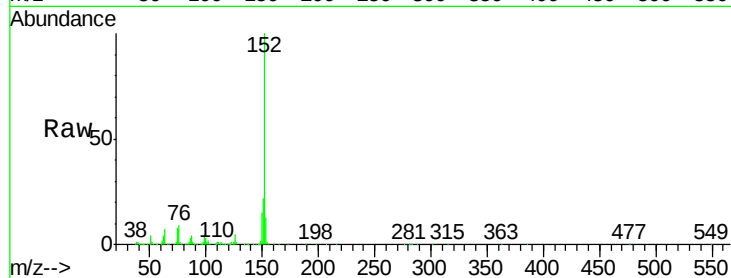
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1074933

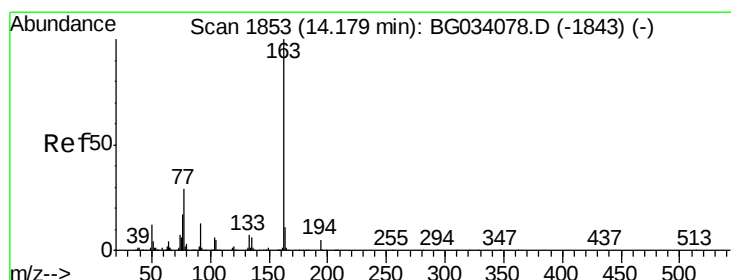
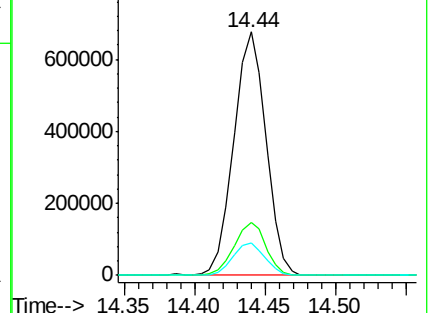
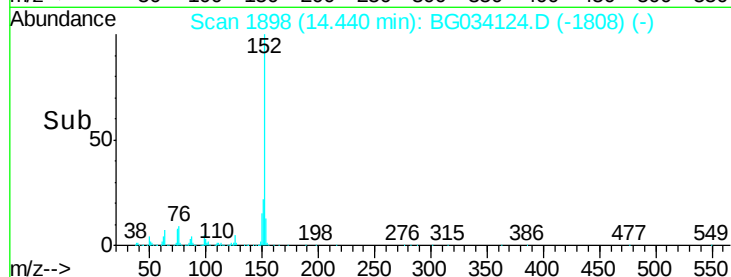
Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.2	25.8
153	13.1	10.2	15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 43.57 ng

RT: 14.18 min Scan# 1853

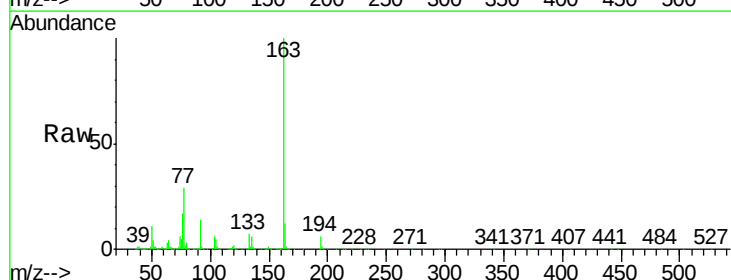
Delta R.T. -0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Tgt Ion:163 Resp: 1008799

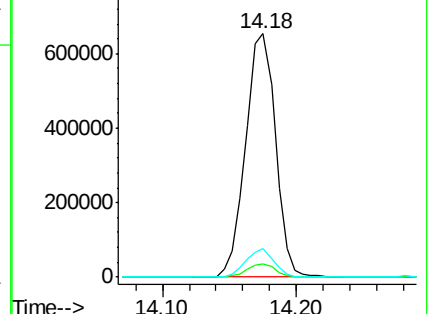
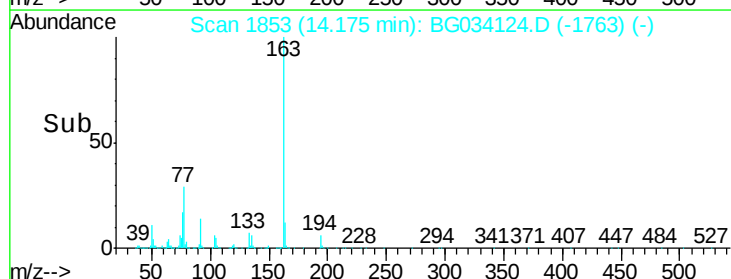
Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.4	5.2#
164	11.8	8.2	12.4

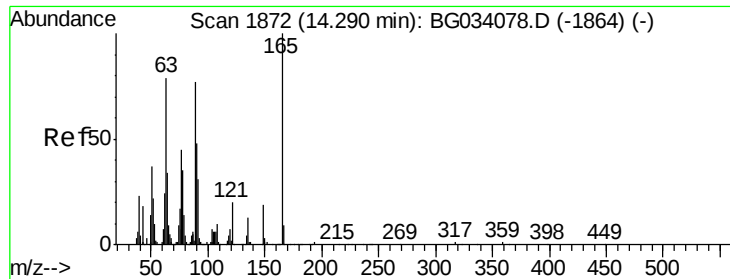


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 51.21 ng

RT: 14.29 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

BNA_G

ClientSampleId :

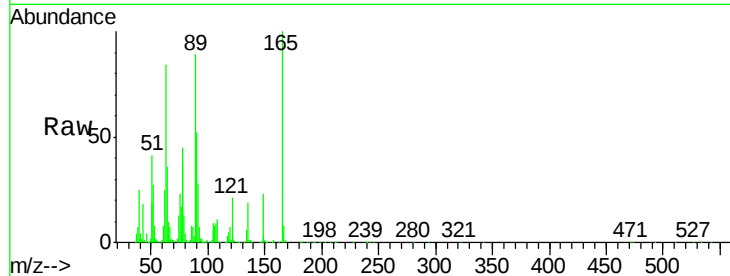
Tot Ion:165 Resp: 227693

Ion Ratio Lower Upper

165 100

63 84.2 52.7 79.1#

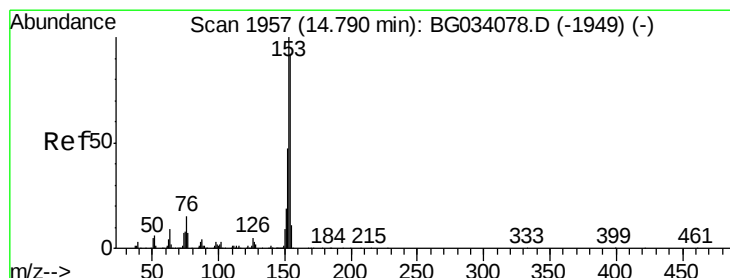
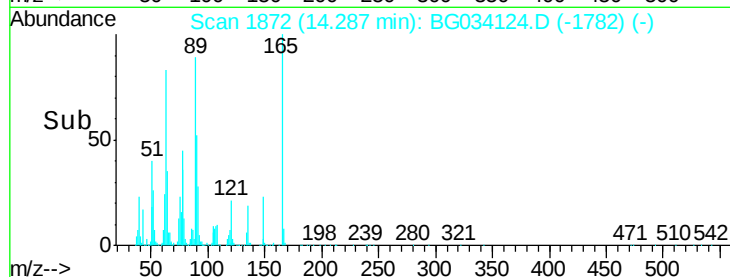
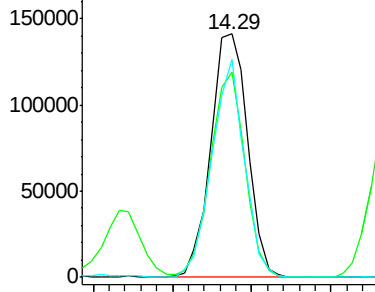
89 89.4 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#51

Acenaphthene

Concen: 41.28 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

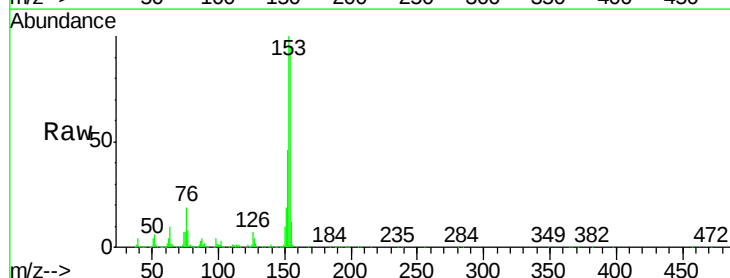
Tgt Ion:154 Resp: 707362

Ion Ratio Lower Upper

154 100

153 105.6 90.4 135.6

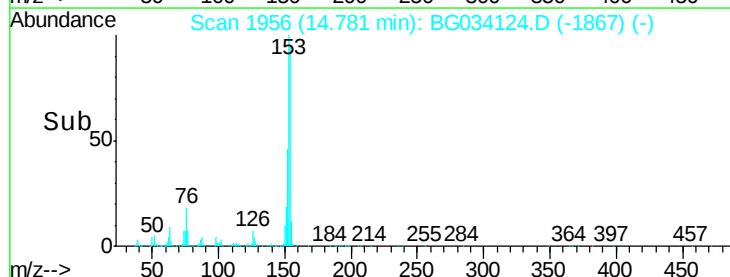
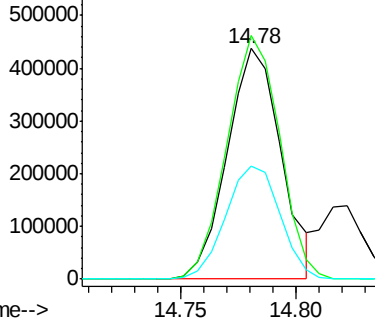
152 49.1 41.6 62.4

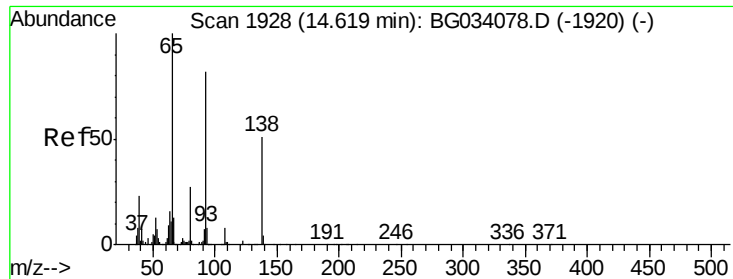


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

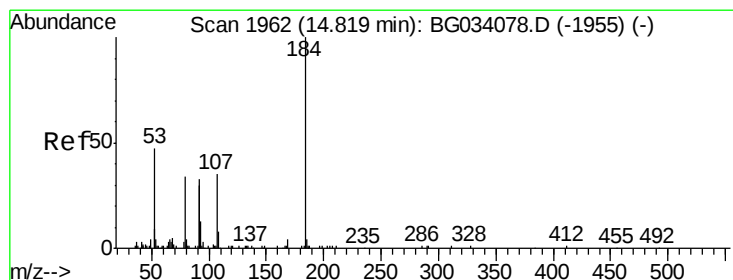
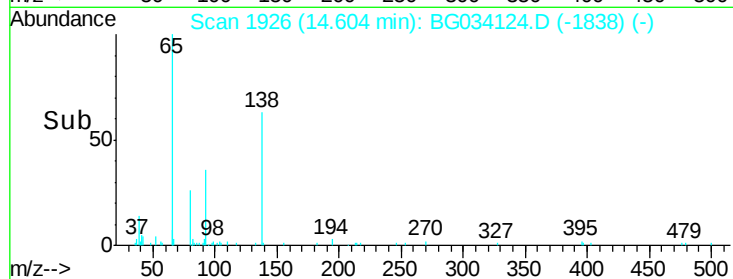
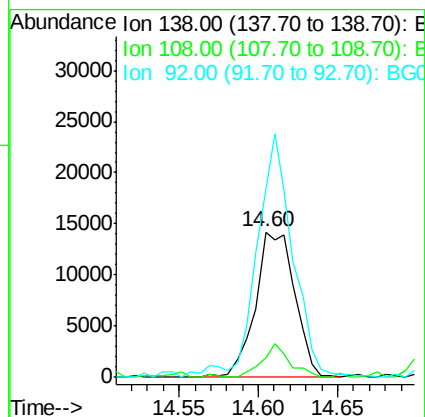
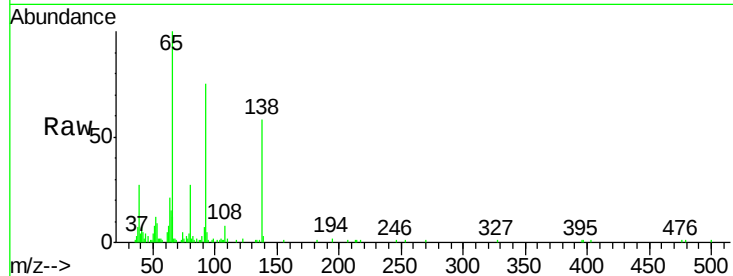




#52
 3-Nitroaniline
 Concen: 5.49 ng
 RT: 14.60 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BG034124.D
 Acq: 2 May 2018 20:08

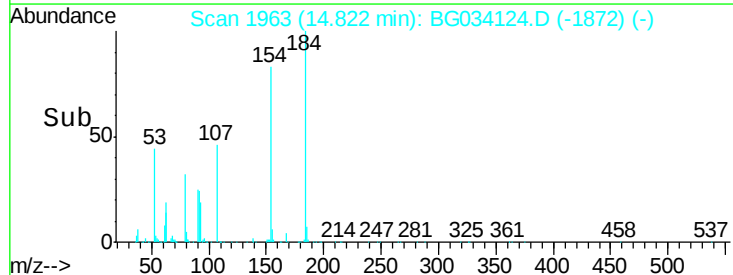
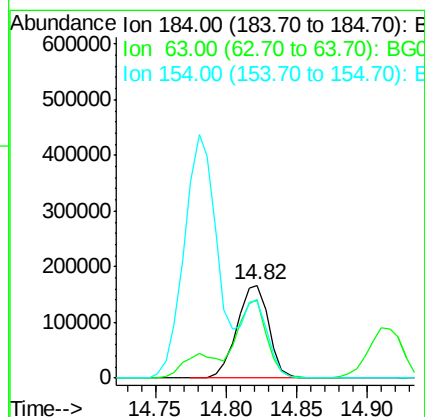
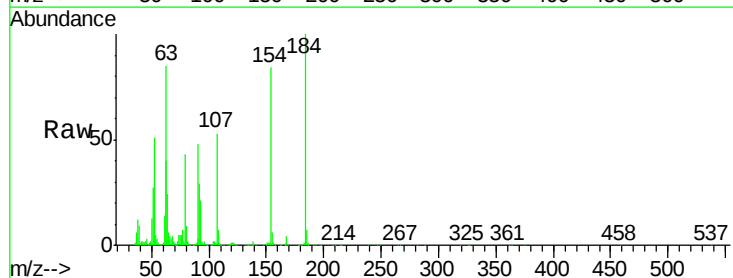
Instrument :
 BNA_G
 ClientSampleId :

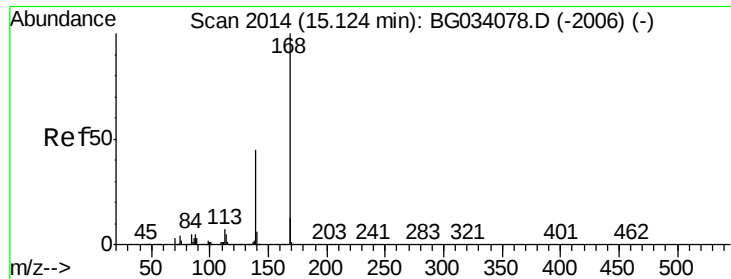
Tot Ion:138 Resp: 24624
 Ion Ratio Lower Upper
 138 100
 108 13.6 17.5 26.3#
 92 129.1 105.8 158.8



#53
 2,4-Dinitrophenol
 Concen: 150.68 ng
 RT: 14.82 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: BG034124.D
 Acq: 2 May 2018 20:08

Tgt Ion:184 Resp: 262113
 Ion Ratio Lower Upper
 184 100
 63 85.2 59.8 89.8
 154 83.5 101.8 152.8#





#54

Dibenzofuran

Concen: 44.51 ng

RT: 15.12 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

BNA_G

ClientSampleId :

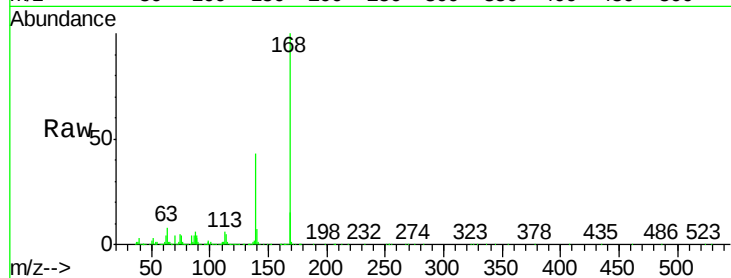
Tot Ion:168 Resp: 1105648

Ion Ratio Lower Upper

168 100

139 42.8 28.6 43.0

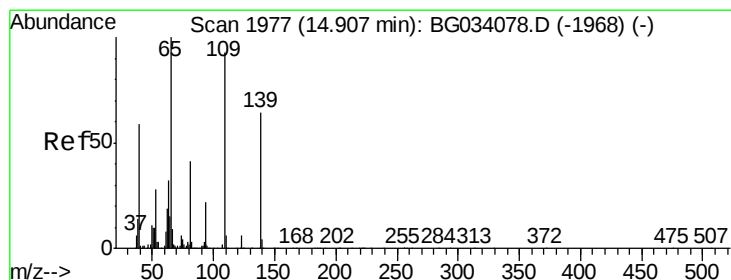
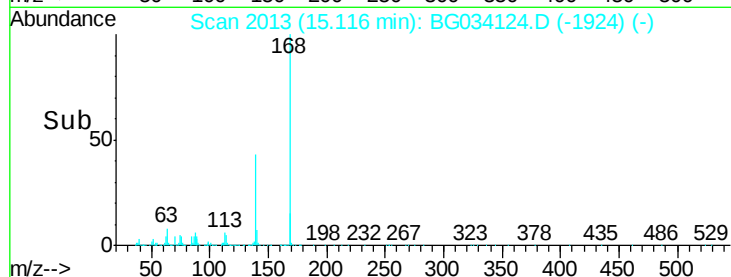
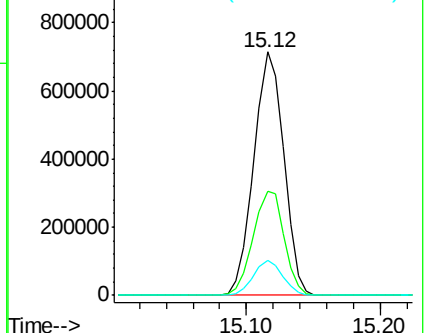
169 14.6 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 89.72 ng

RT: 14.92 min Scan# 1979

Delta R.T. 0.01 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

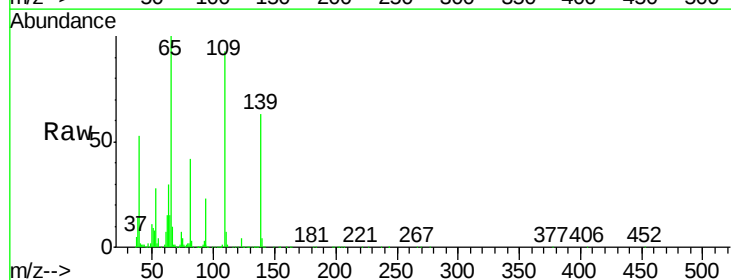
Tgt Ion:139 Resp: 306896

Ion Ratio Lower Upper

139 100

109 147.7 62.2 102.2#

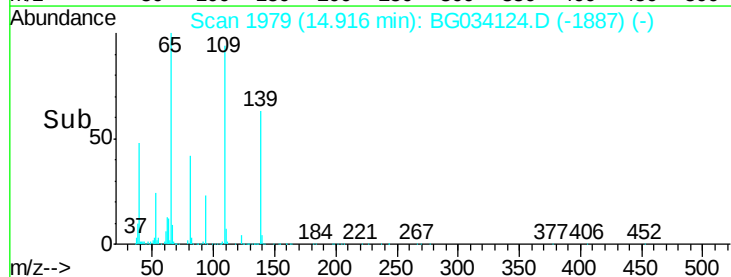
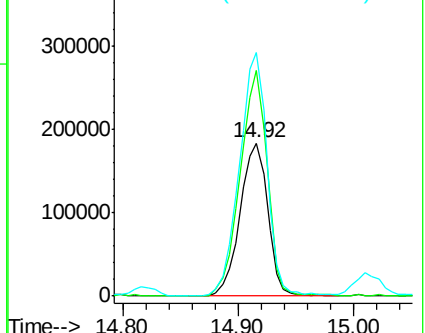
65 159.1 97.2 137.2#

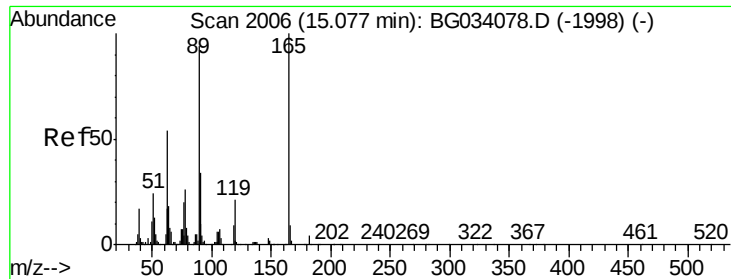


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

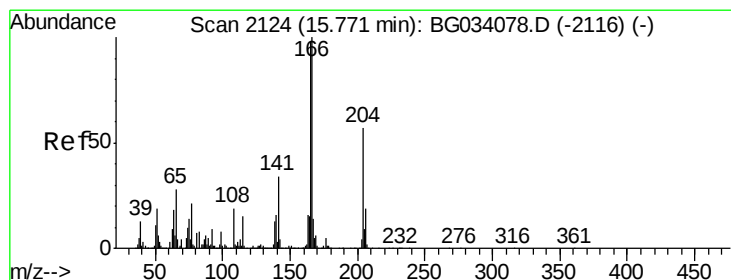
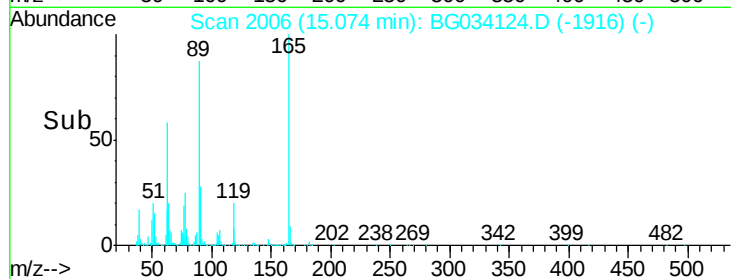
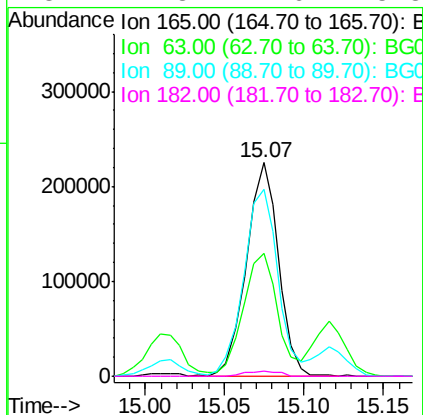
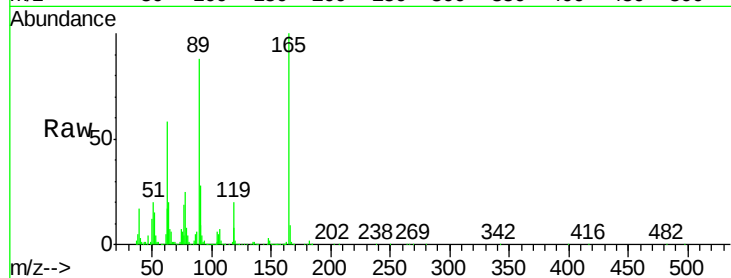




#56
2,4-Dinitrotoluene
Concen: 52.53 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

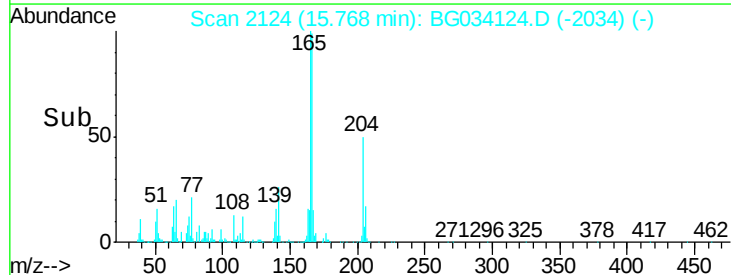
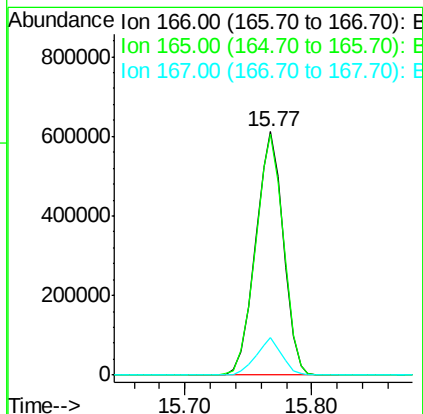
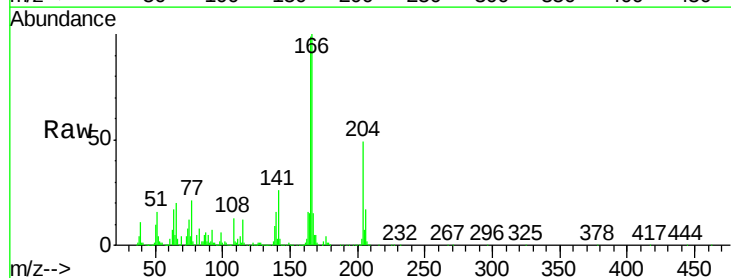
Instrument :
BNA_G
ClientSampleId :

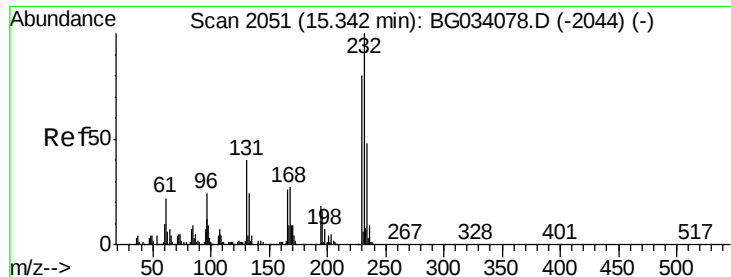
Tot Ion:165 Resp: 317175
Ion Ratio Lower Upper
165 100
63 57.5 42.0 63.0
89 87.6 66.9 100.3
182 2.3 2.6 3.8#



#57
Fluorene
Concen: 42.84 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion:166 Resp: 927546
Ion Ratio Lower Upper
166 100
165 98.9 80.6 121.0
167 15.3 10.4 15.6





#58

2,3,4,6-Tetrachlorophenol

Concen: 49.66 ng

RT: 15.34 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 340904

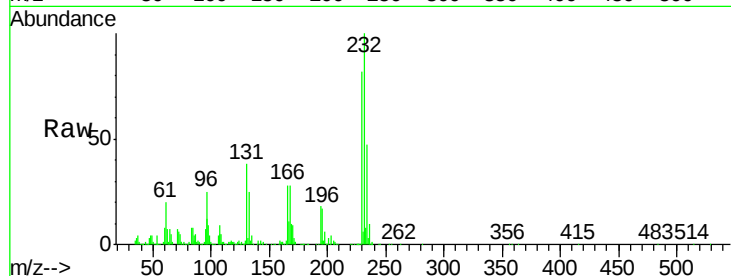
Ion Ratio Lower Upper

232 100

131 38.6 33.5 50.3

130 2.1 2.2 3.2#

166 29.6 24.8 37.2

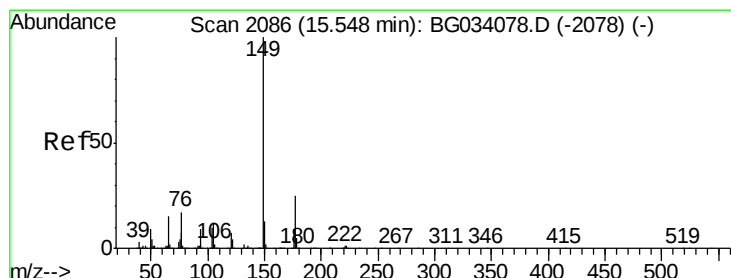
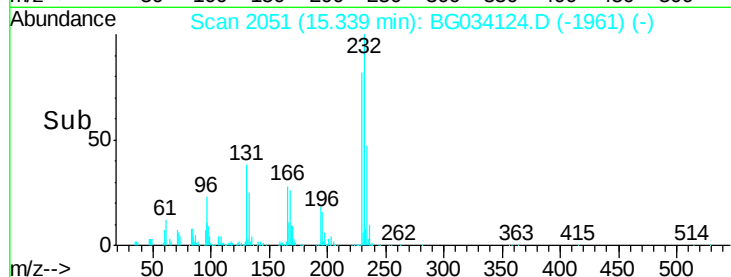
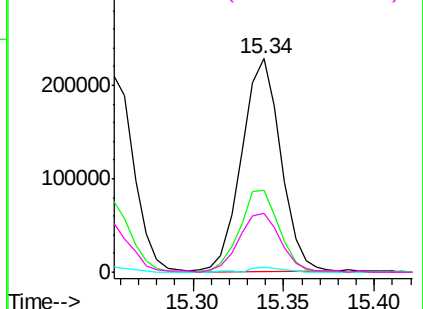


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 41.84 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

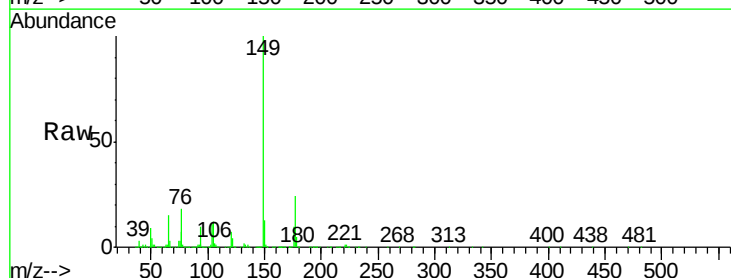
Tgt Ion:149 Resp: 1025030

Ion Ratio Lower Upper

149 100

177 24.1 18.5 27.7

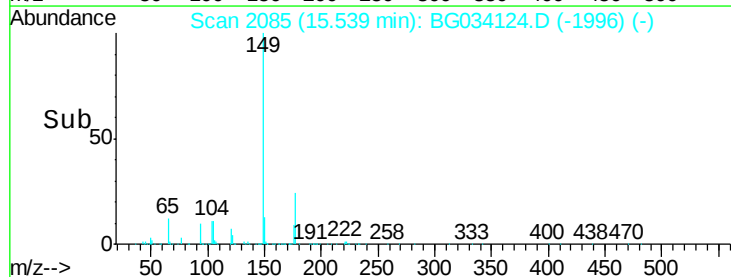
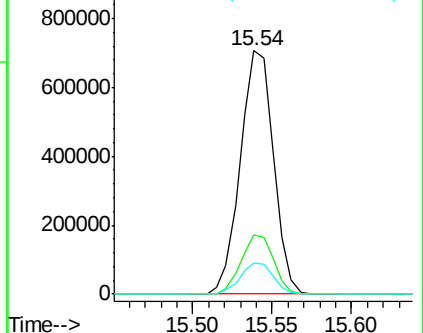
150 13.0 10.2 15.2

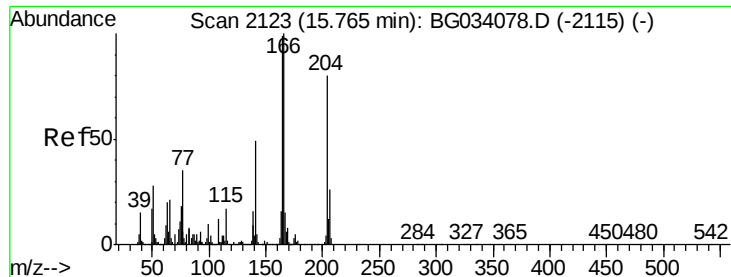


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

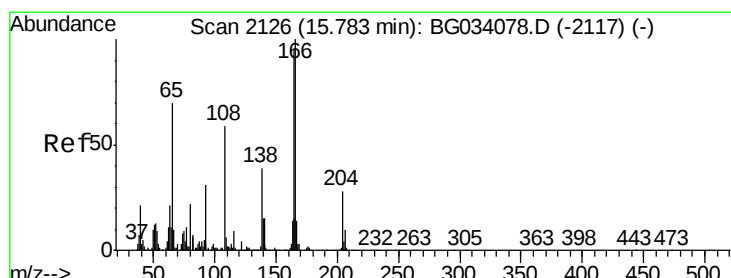
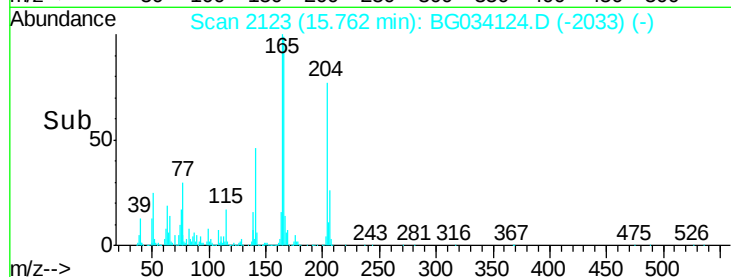
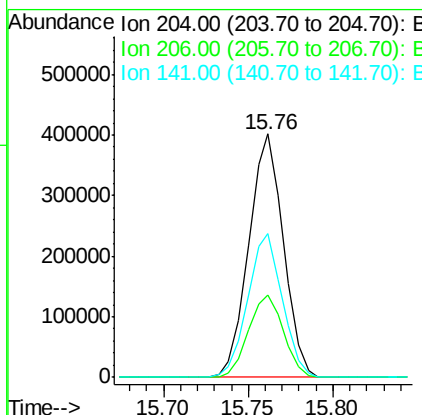
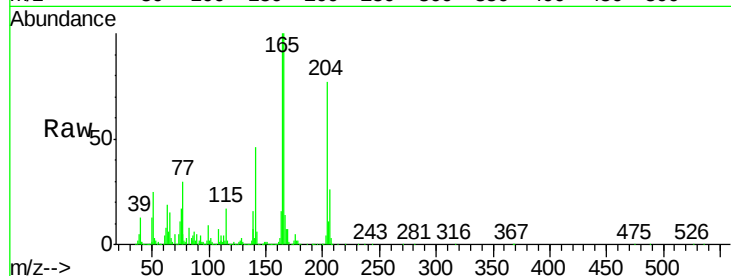




#60
4-Chlorophenyl-phenylether
Concen: 44.36 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

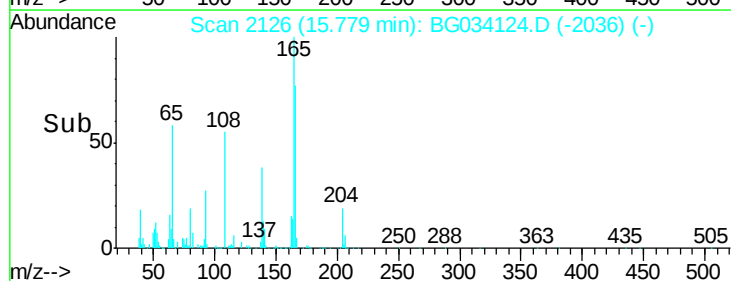
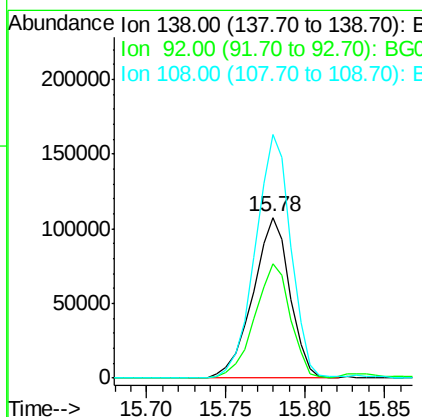
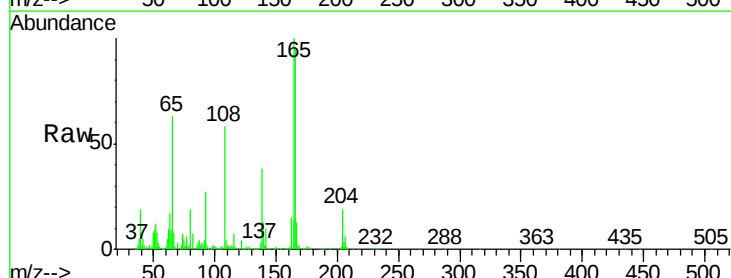
Instrument :
BNA_G
ClientSampleId :

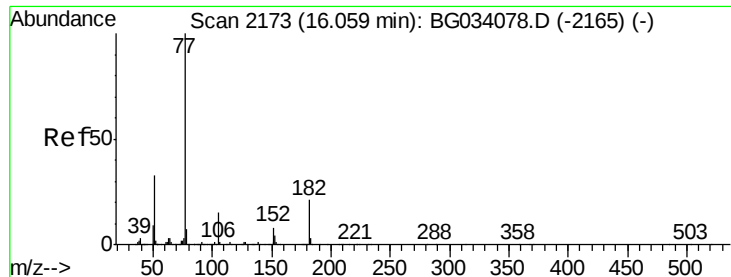
Tot Ion:204 Resp: 571332
Ion Ratio Lower Upper
204 100
206 34.1 26.2 39.2
141 59.3 45.8 68.6



#61
4-Nitroaniline
Concen: 36.62 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion:138 Resp: 174087
Ion Ratio Lower Upper
138 100
92 71.4 40.1 80.1
108 151.6 65.4 105.4#





#62

Azobenzene

Concen: 42.86 ng

RT: 16.06 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1134343

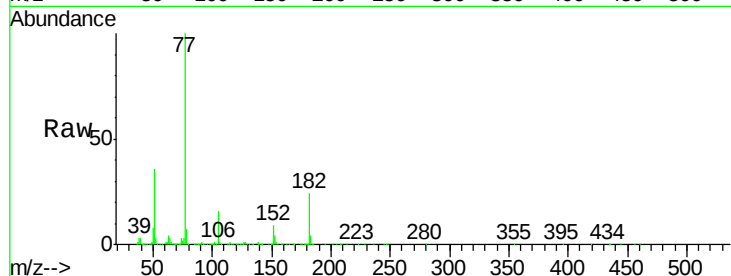
Ion	Ratio	Lower	Upper
77	100		
182	24.2	7.4	47.4
105	16.4	0.3	40.3
51	35.8	11.6	51.6

77 100

182 24.2 7.4 47.4

105 16.4 0.3 40.3

51 35.8 11.6 51.6

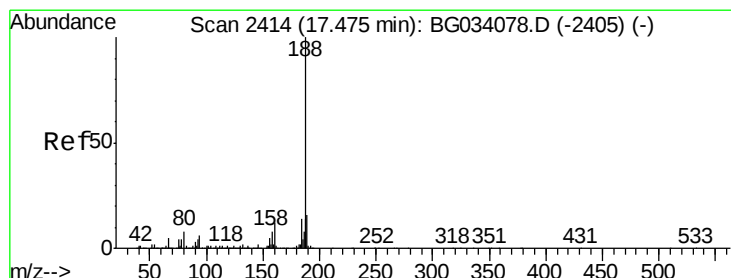
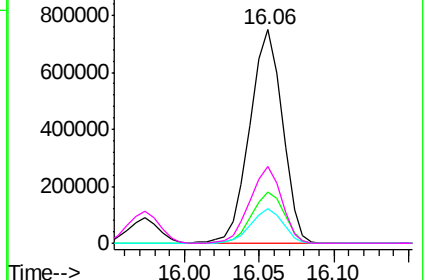
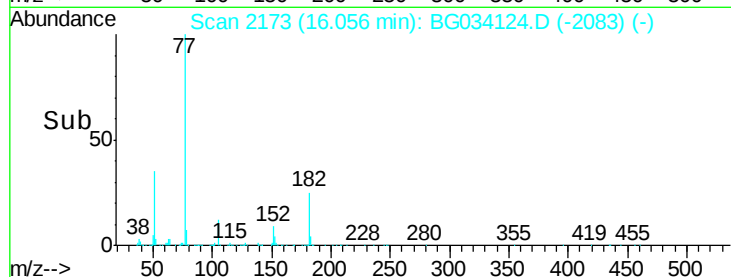


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

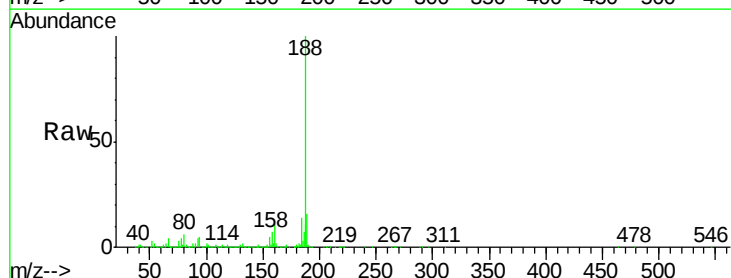
Tgt Ion: 188 Resp: 665911

Ion	Ratio	Lower	Upper
188	100		
94	5.4	6.9	10.3#
80	6.4	7.7	11.5#

188 100

94 5.4 6.9 10.3#

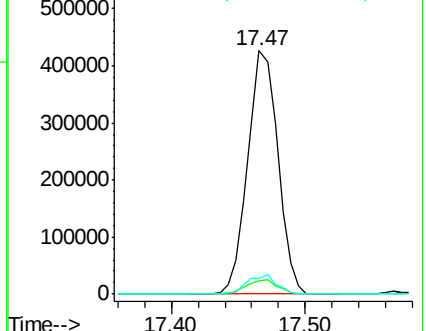
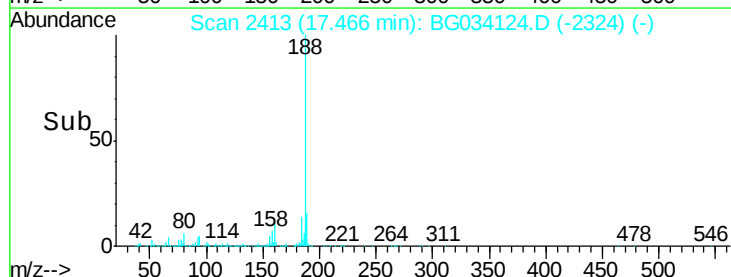
80 6.4 7.7 11.5#

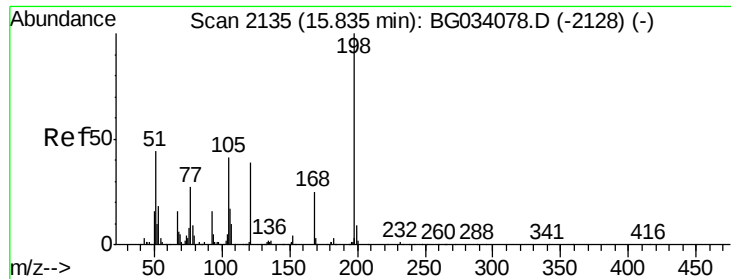


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

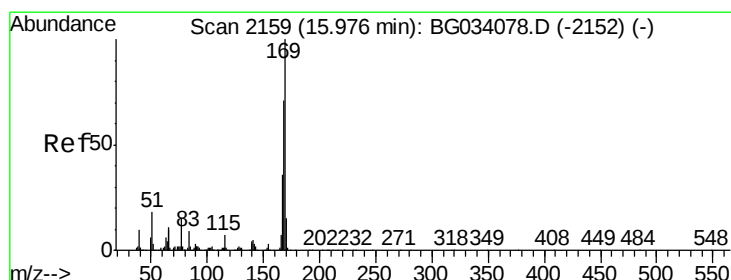
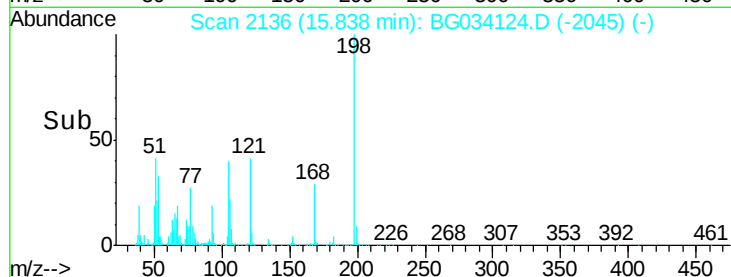
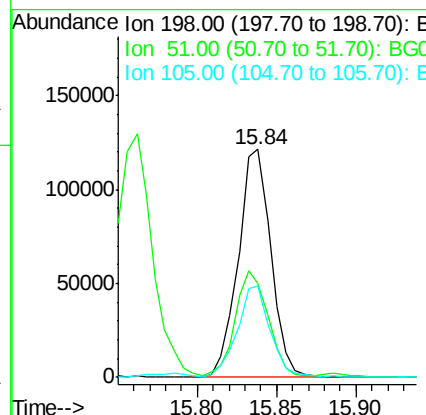
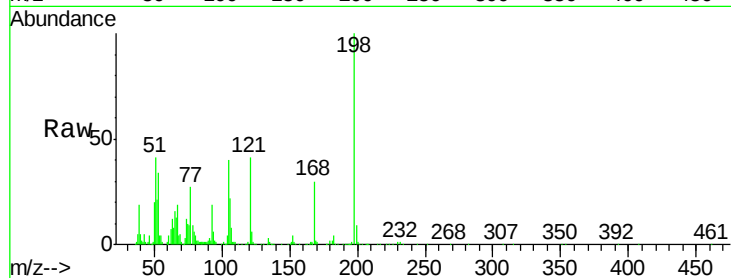




#64
4,6-Dinitro-2-methylphenol
Concen: 55.46 ng
RT: 15.84 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

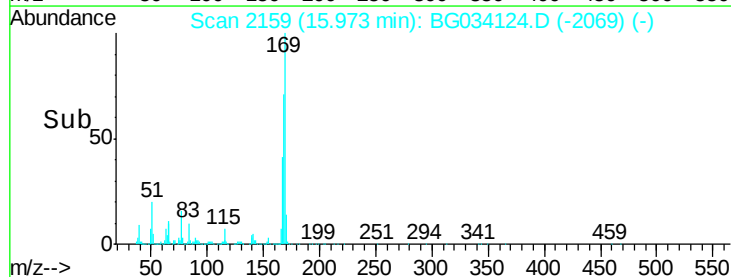
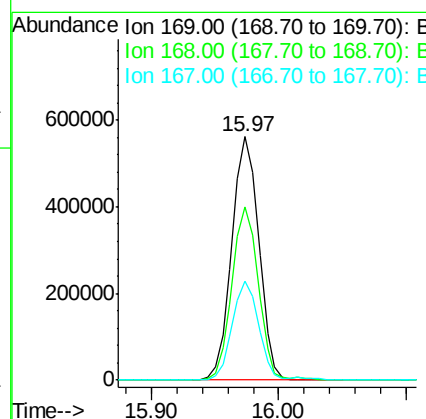
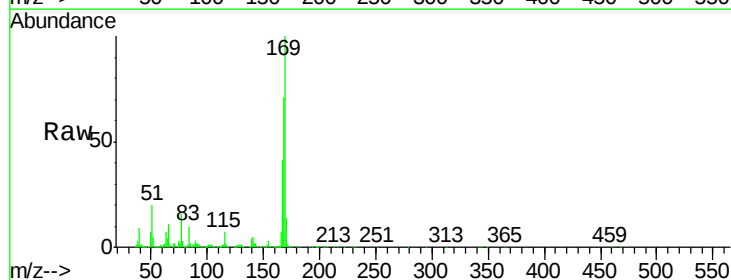
Instrument :
BNA_G
ClientSampleId :

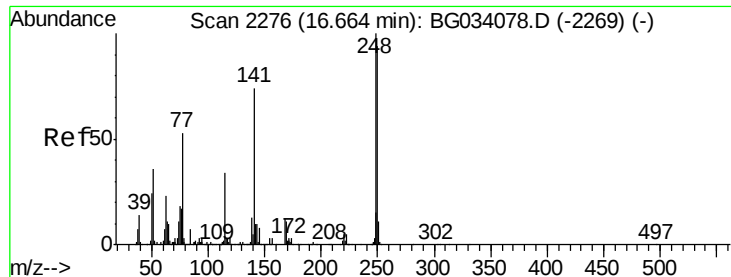
Tot Ion	Ratio	Lower	Upper
198	100		
51	41.3	30.6	70.6
105	40.1	23.8	63.8



#65
n-Nitrosodiphenylamine
Concen: 45.34 ng
RT: 15.97 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.9	55.7	83.5
167	40.7	30.1	45.1

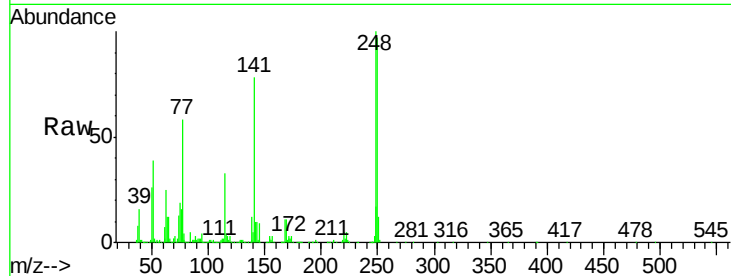




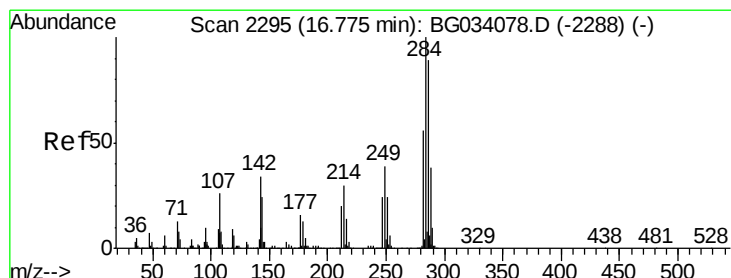
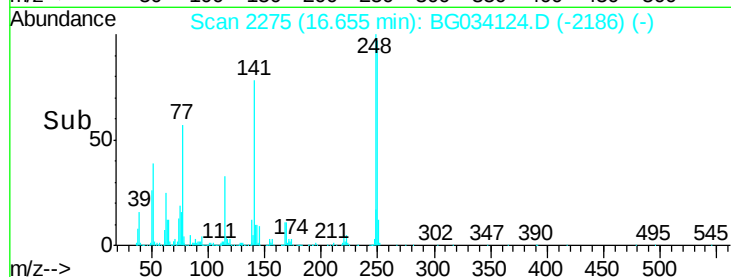
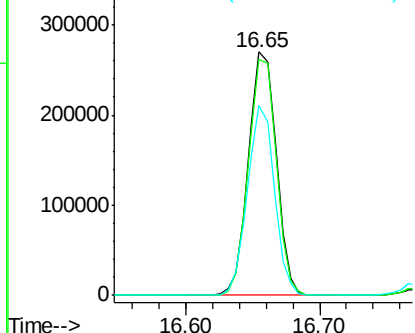
#66
4-Bromophenyl-phenylether
Concen: 46.95 ng
RT: 16.65 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 388187
Ion Ratio Lower Upper
248 100
250 97.0 77.1 115.7
141 77.9 50.8 76.2#

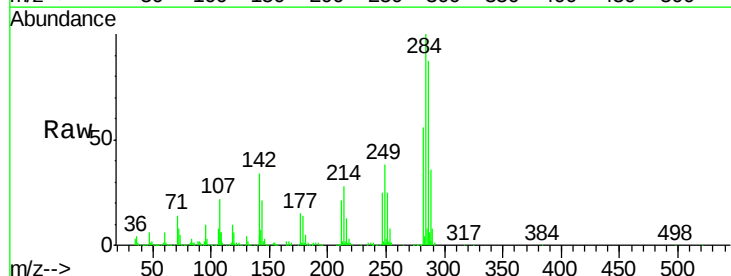


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

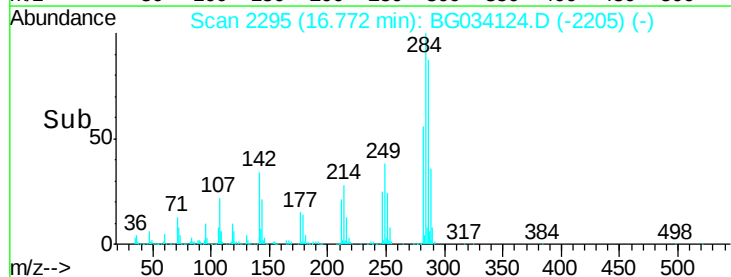
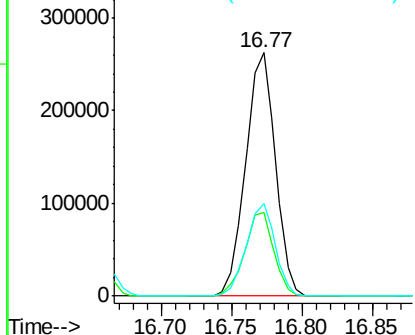


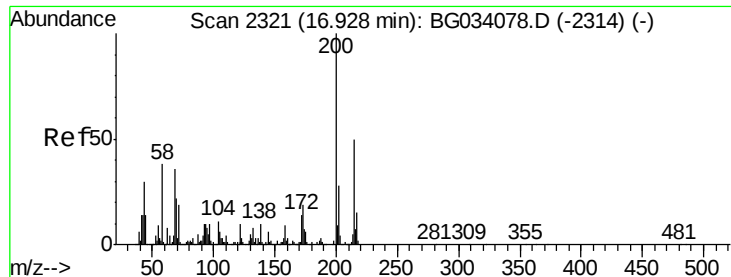
#67
Hexachlorobenzene
Concen: 46.29 ng
RT: 16.77 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion:284 Resp: 388498
Ion Ratio Lower Upper
284 100
142 34.5 26.8 40.2
249 37.8 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

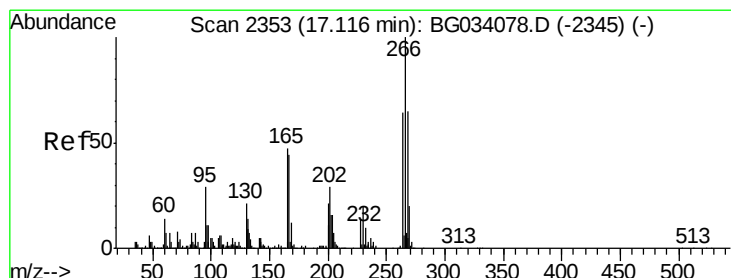
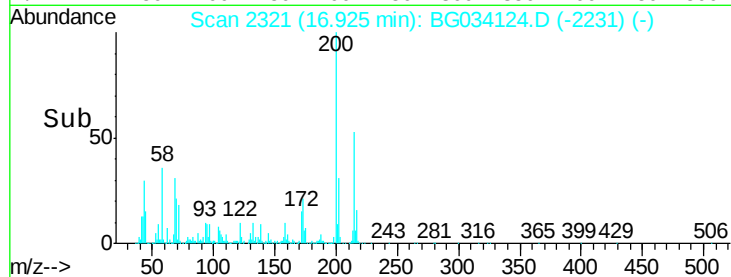
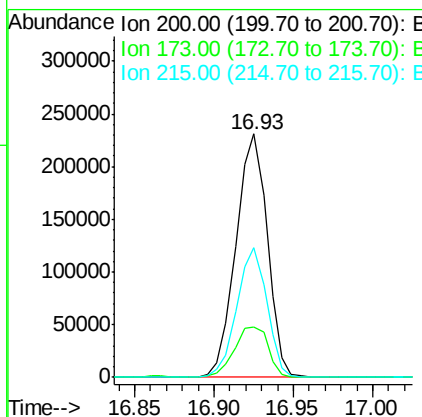
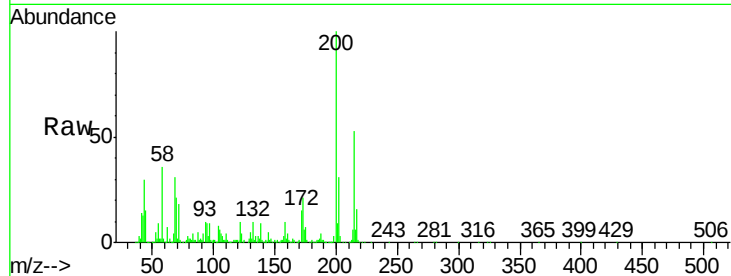




#68
Atrazine
Concen: 41.76 ng
RT: 16.93 min Scan# 2321
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

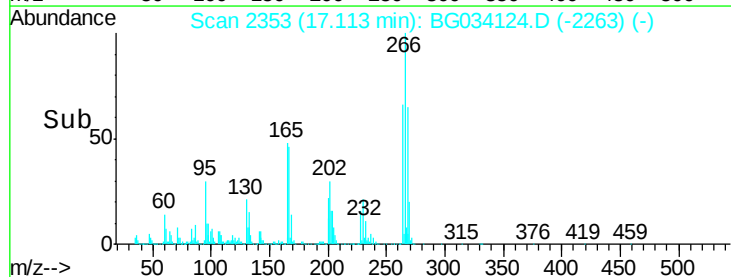
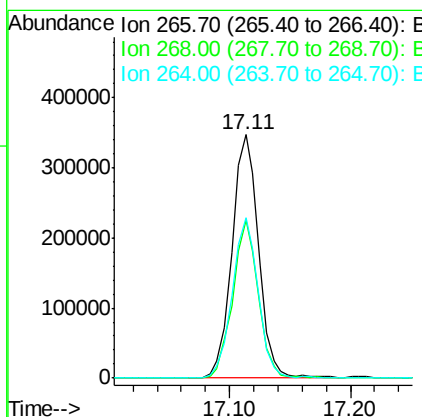
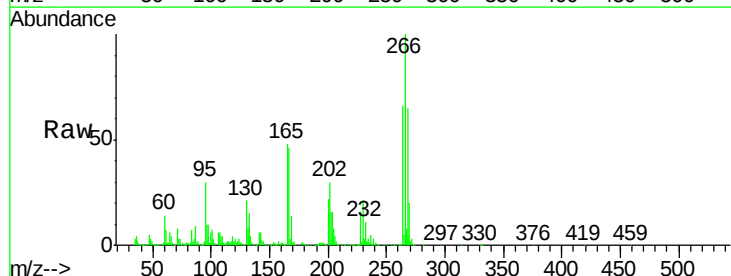
Instrument :
BNA_G
ClientSampleId :

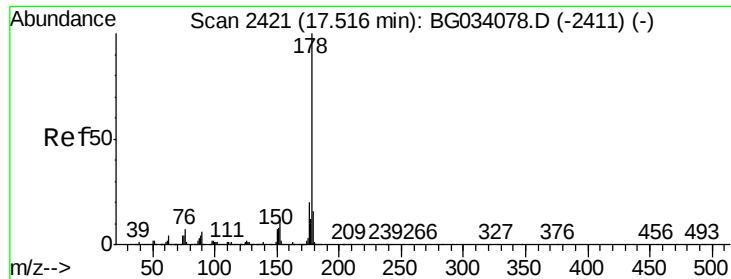
Tot Ion	Ratio	Lower	Upper
200	100		
173	20.5	5.2	45.2
215	53.3	30.4	70.4



#69
Pentachlorophenol
Concen: 90.84 ng
RT: 17.11 min Scan# 2353
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.1	76.7
264	65.7	49.6	74.4

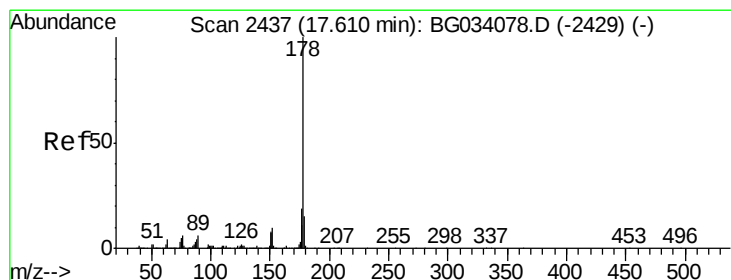
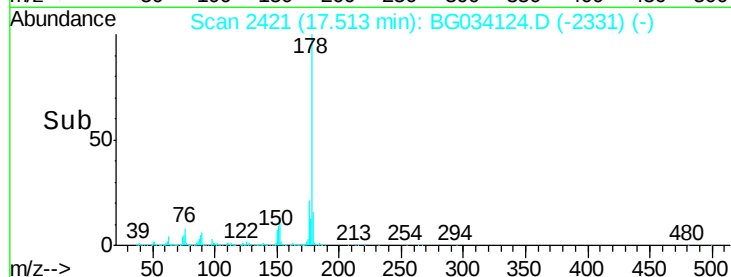
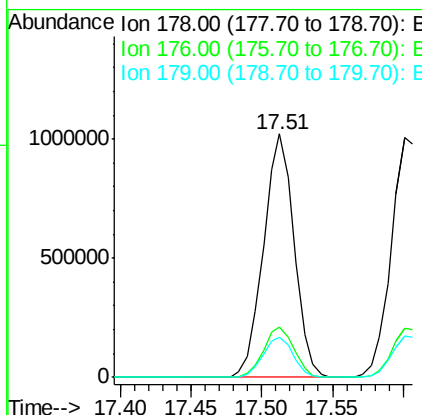
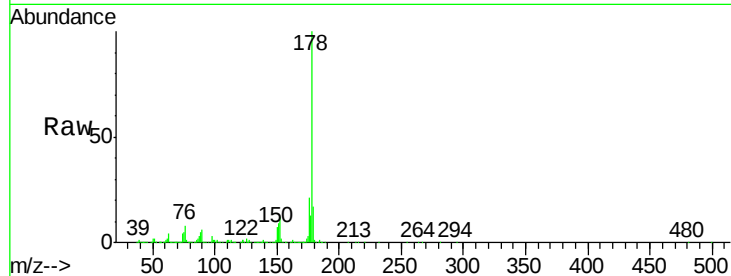




#70
Phenanthrene
Concen: 45.41 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

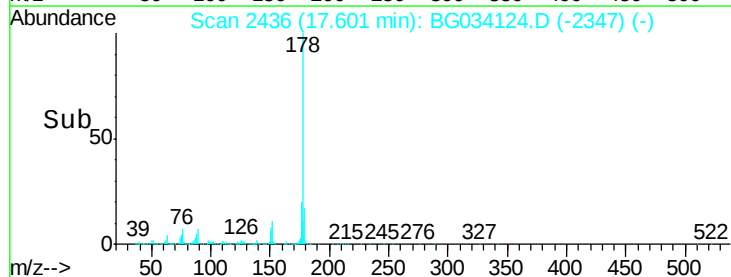
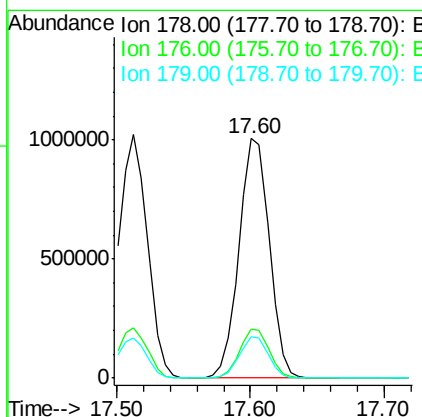
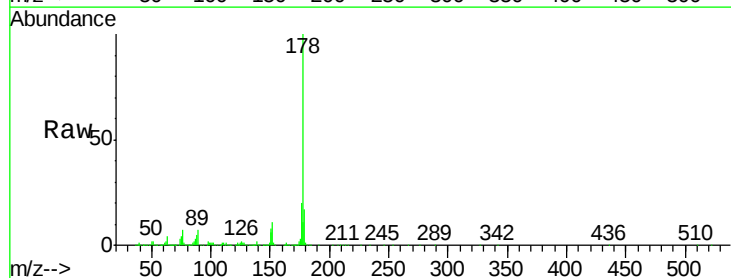
Instrument :
BNA_G
ClientSampleId :

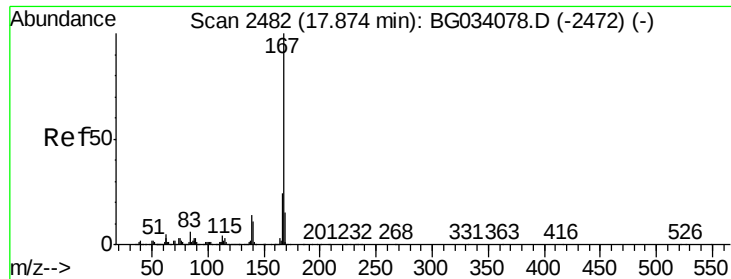
Tot Ion:178 Resp: 1553839
Ion Ratio Lower Upper
178 100
176 20.8 15.7 23.5
179 16.5 12.5 18.7



#71
Anthracene
Concen: 45.49 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion:178 Resp: 1577700
Ion Ratio Lower Upper
178 100
176 20.2 16.0 24.0
179 17.0 12.5 18.7





#72

Carbazole

Concen: 43.01 ng

RT: 17.87 min Scan# 2482

Delta R.T. -0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

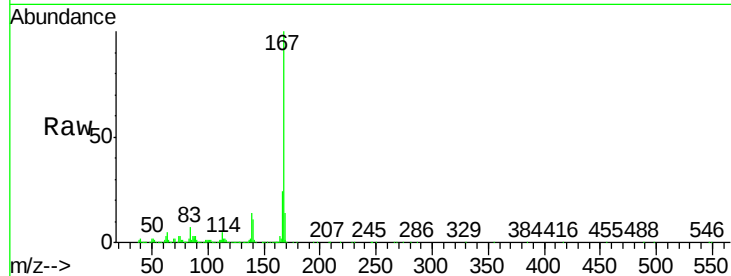
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 1365416

Ion	Ratio	Lower	Upper
167	100		
166	24.0	18.2	27.4
139	13.7	9.4	14.2

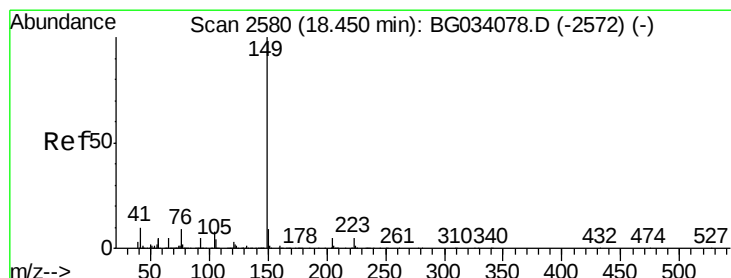
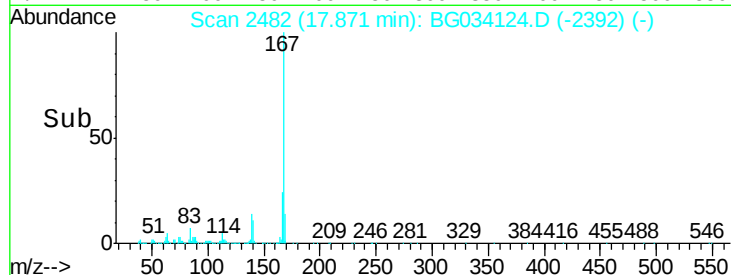
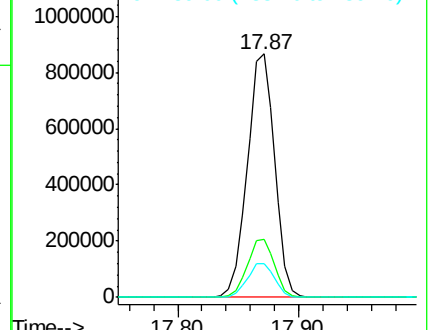


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 41.86 ng

RT: 18.44 min Scan# 2579

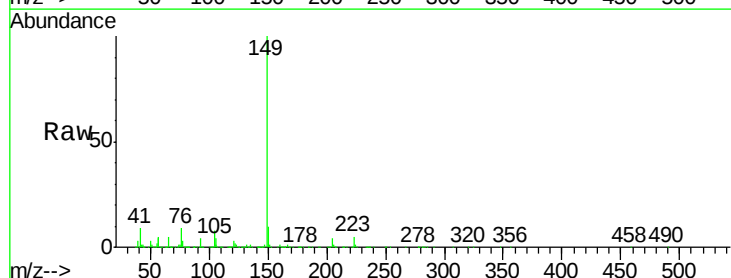
Delta R.T. -0.01 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Tgt Ion:149 Resp: 1599736

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.8	11.6
104	8.0	3.9	5.9

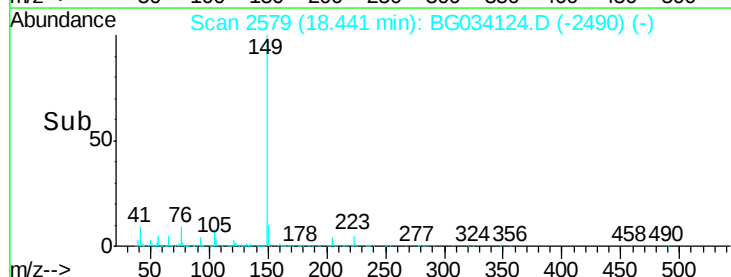
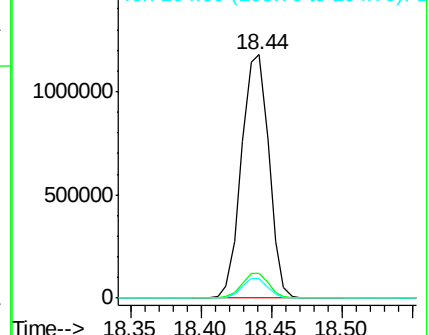


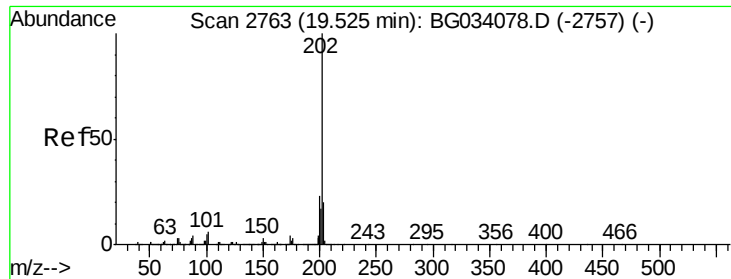
Abundance

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: 43.91 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

BNA_G

ClientSampleId :

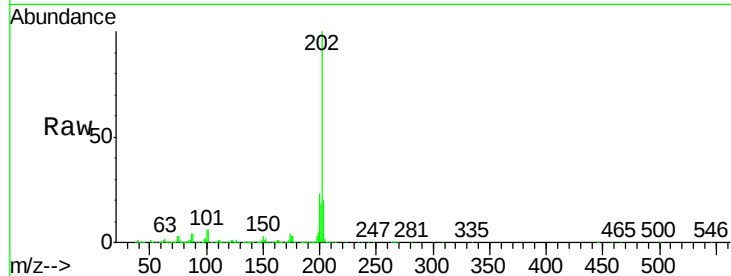
Tot Ion:202 Resp: 1898481

Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	28.9
203	20.4	0.0	37.5

202 100

101 6.3 0.0 28.9

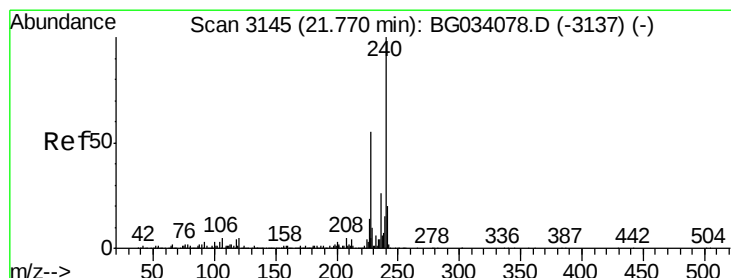
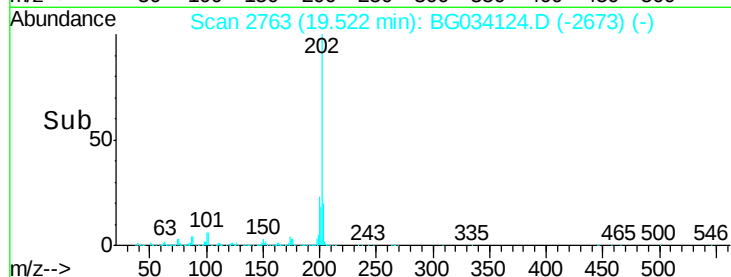
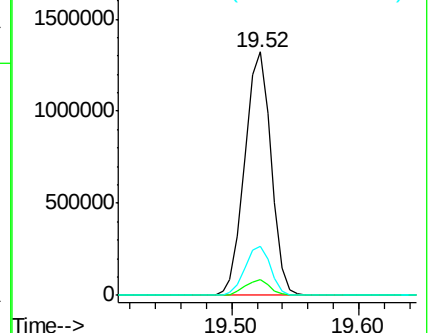
203 20.4 0.0 37.5



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: BG034124.D

Acq: 2 May 2018 20:08

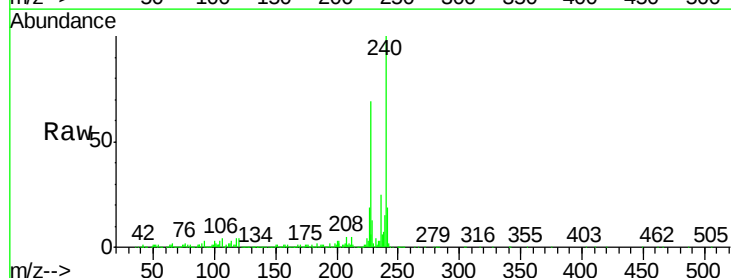
Tgt Ion:240 Resp: 678974

Ion	Ratio	Lower	Upper
240	100		
120	4.0	6.8	10.2#
236	24.9	20.9	31.3

240 100

120 4.0 6.8 10.2#

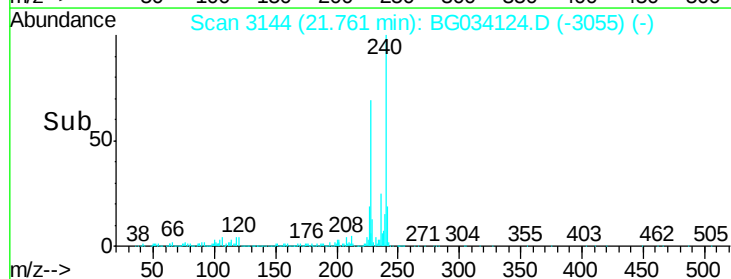
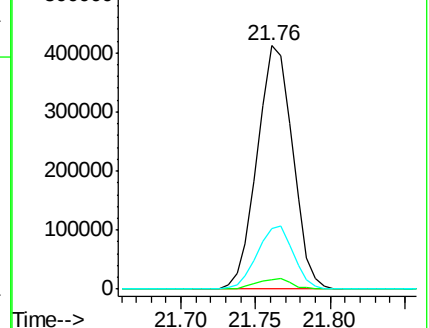
236 24.9 20.9 31.3

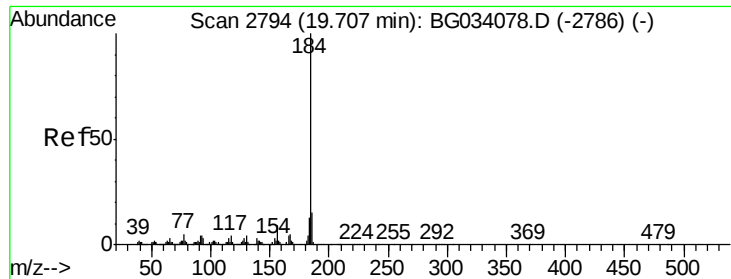


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.26 ng

RT: 19.74 min Scan# 2800

Delta R.T. 0.03 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

BNA_G

ClientSampled :

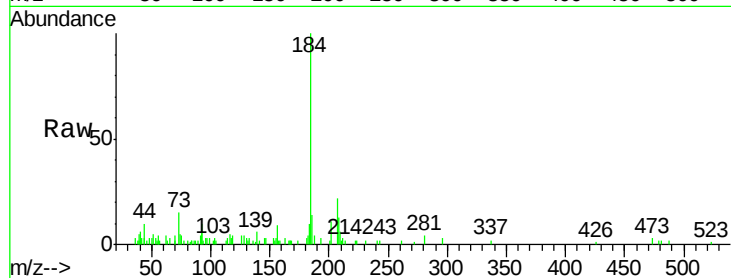
Tot Ion:184 Resp: 39575

Ion Ratio Lower Upper

184 100

185 14.1 11.1 16.7

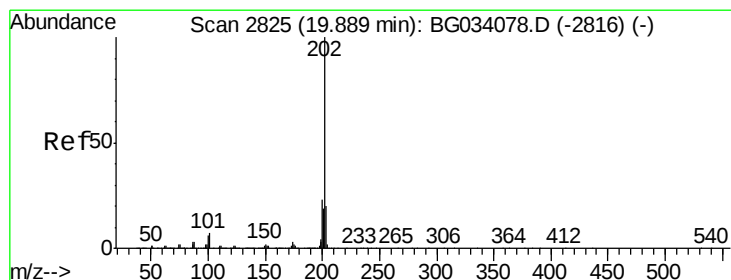
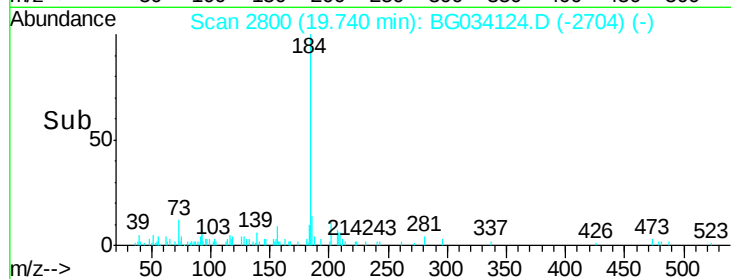
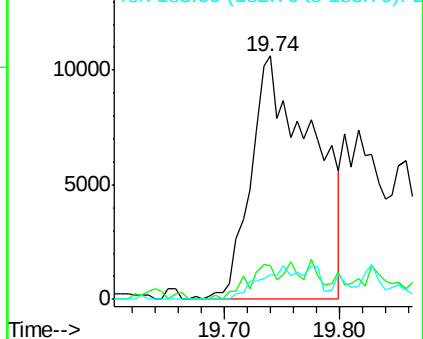
183 10.0 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 44.54 ng

RT: 19.88 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

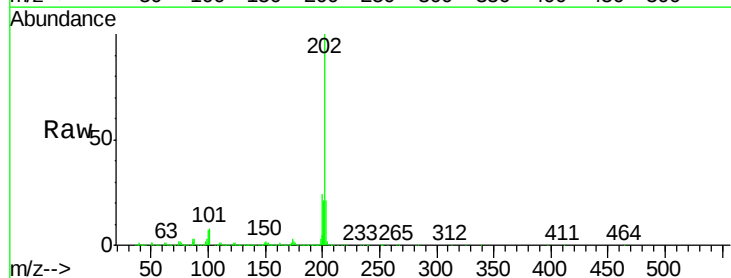
Tgt Ion:202 Resp: 1894786

Ion Ratio Lower Upper

202 100

200 23.8 16.9 25.3

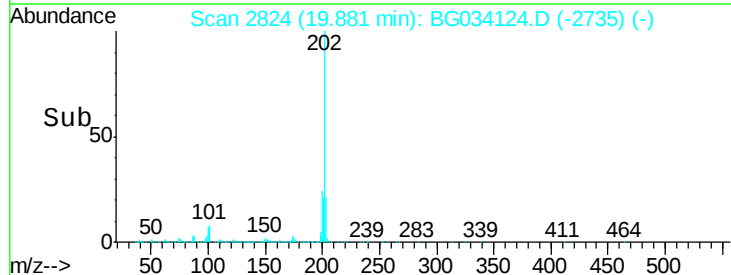
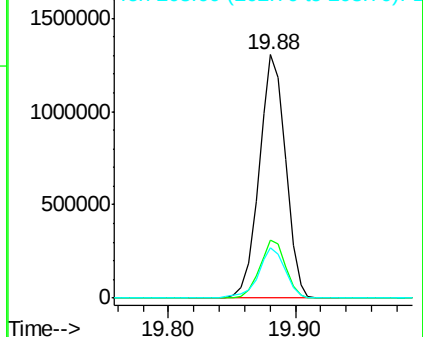
203 20.6 13.9 20.9

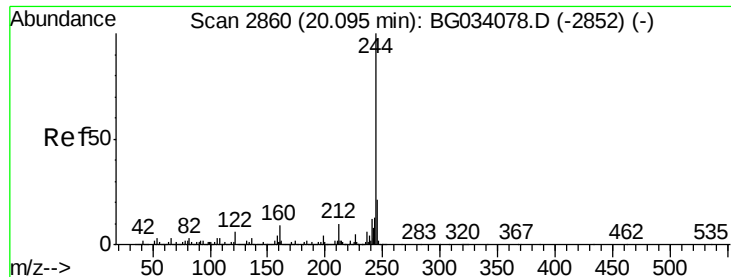


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 89.72 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

BNA_G

ClientSampleId :

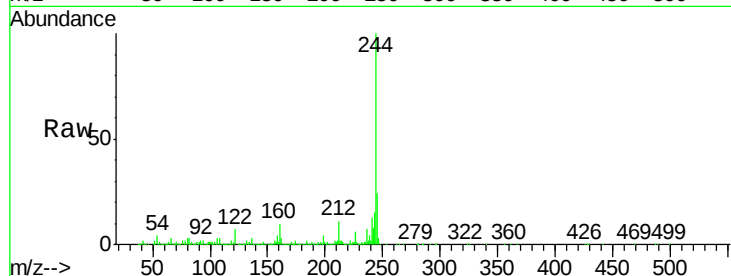
Tot Ion:244 Resp: 2780795

Ion Ratio Lower Upper

244 100

212 11.4 5.8 8.8#

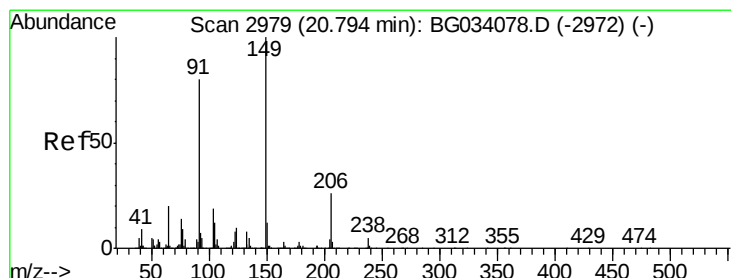
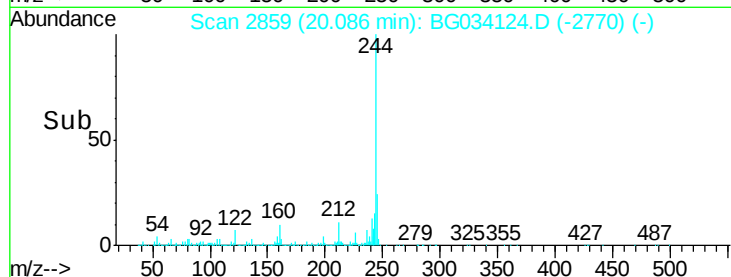
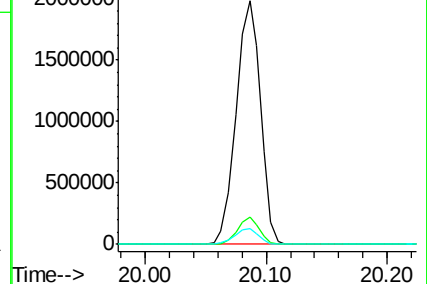
122 6.7 7.0 10.4#



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: 45.81 ng

RT: 20.78 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

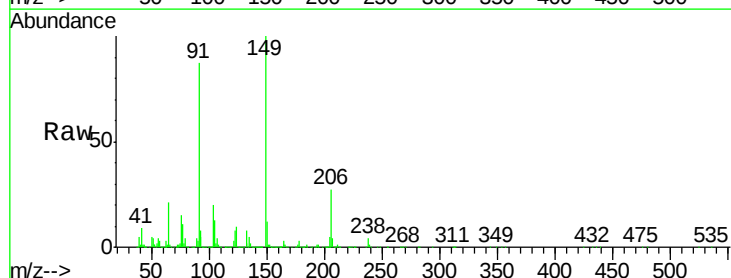
Tgt Ion:149 Resp: 760726

Ion Ratio Lower Upper

149 100

91 87.1 62.2 93.2

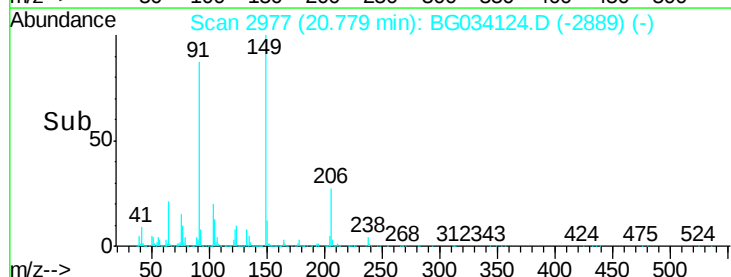
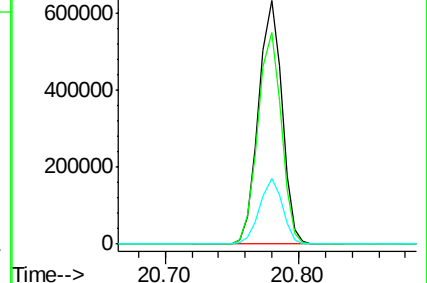
206 27.0 18.6 27.8

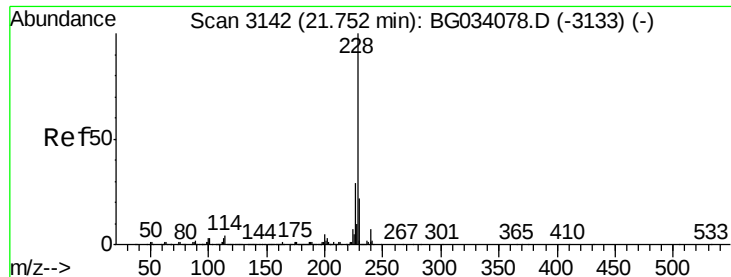


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

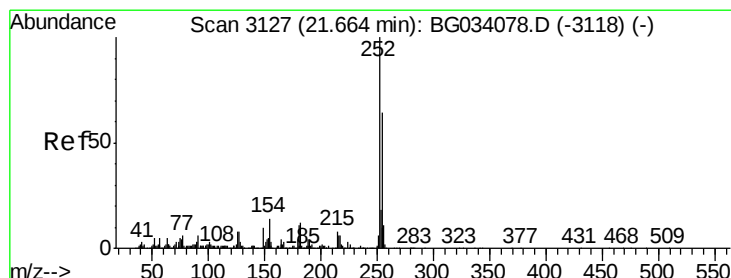
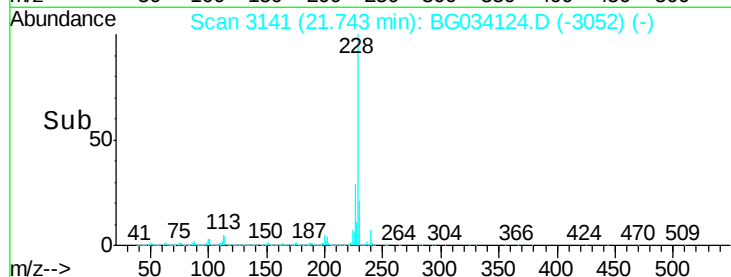
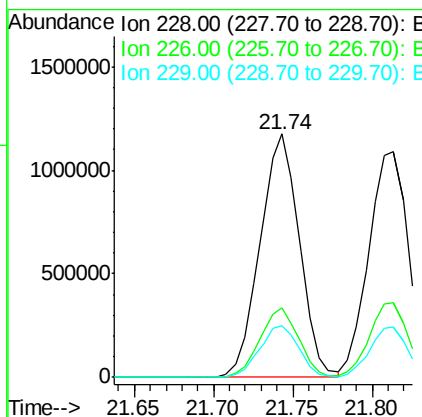
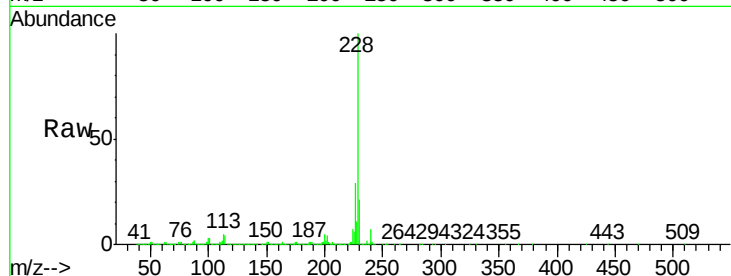




#80
Benzo(a)anthracene
Concen: 46.61 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

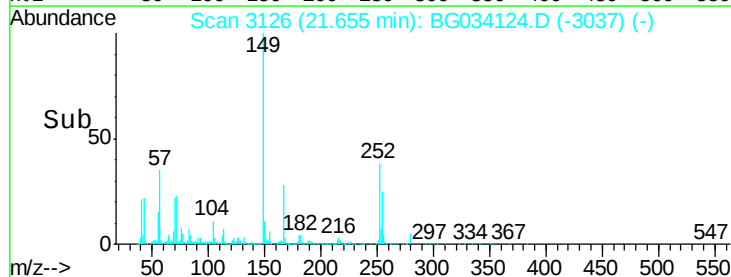
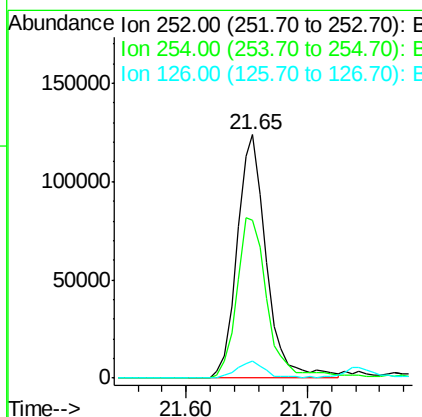
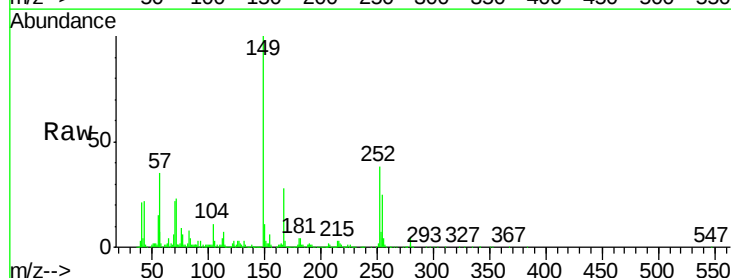
Instrument :
BNA_G
ClientSampleId :

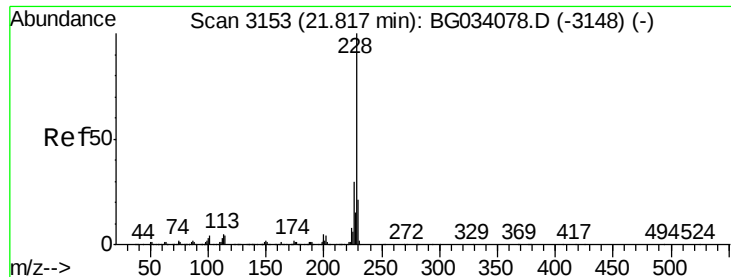
Tot Ion:228 Resp: 2028171
Ion Ratio Lower Upper
228 100
226 28.6 22.7 34.1
229 21.2 16.2 24.2



#81
3,3'-Dichlorobenzidine
Concen: 12.68 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion:252 Resp: 208615
Ion Ratio Lower Upper
252 100
254 65.1 50.8 76.2
126 7.0 7.4 11.2#





#82

Chrysene

Concen: 45.37 ng

RT: 21.81 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

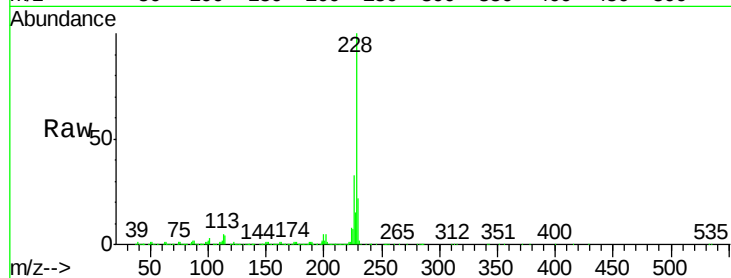
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1889494

Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.9	37.3
229	22.0	15.0	22.4

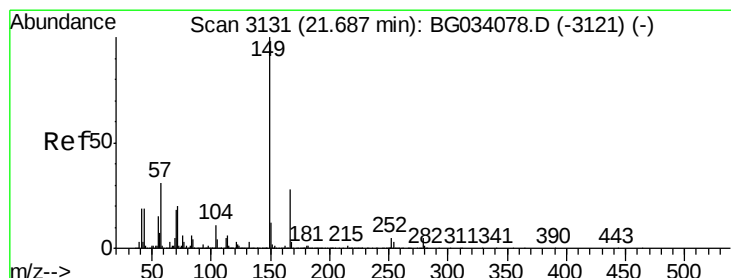
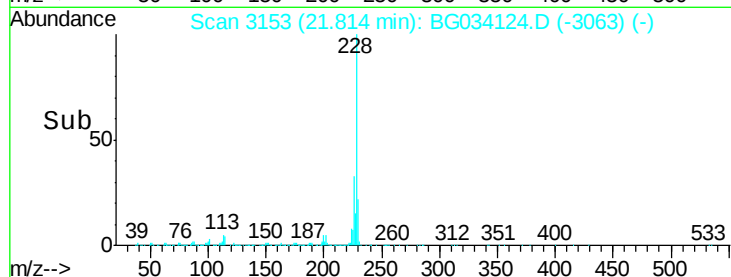
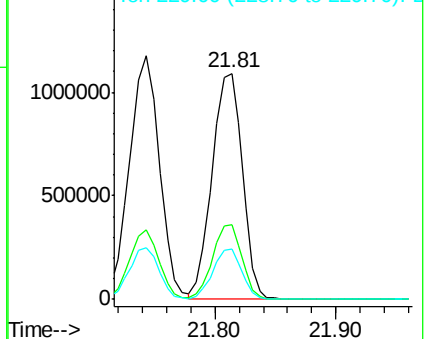


Abundance

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



#83

Bis(2-ethylhexyl)phthalate

Concen: 45.12 ng

RT: 21.67 min Scan# 3128

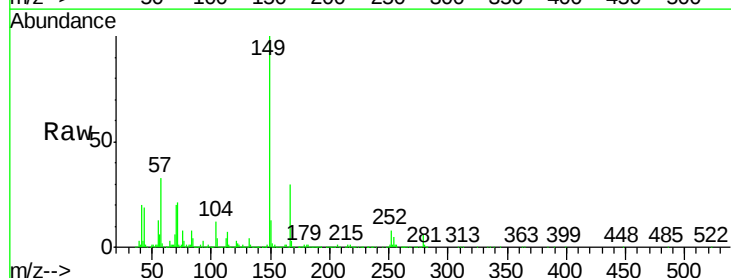
Delta R.T. -0.02 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Tgt Ion:149 Resp: 1031241

Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.3	36.5
279	6.1	4.0	6.0#

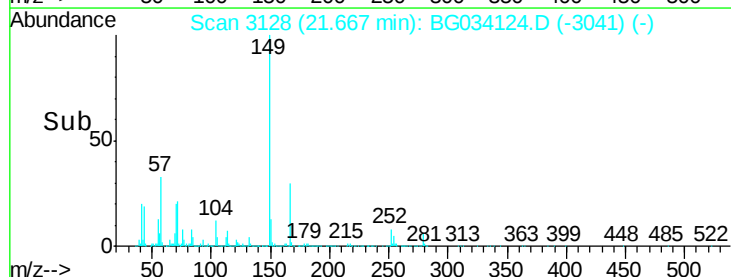
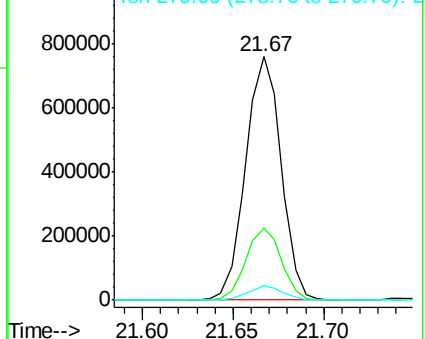


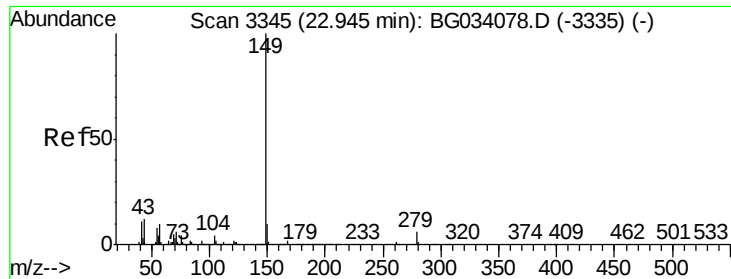
Abundance

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

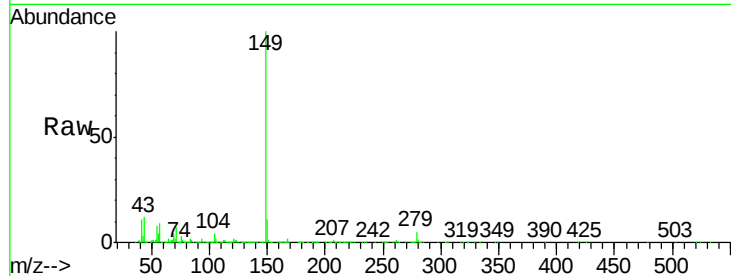




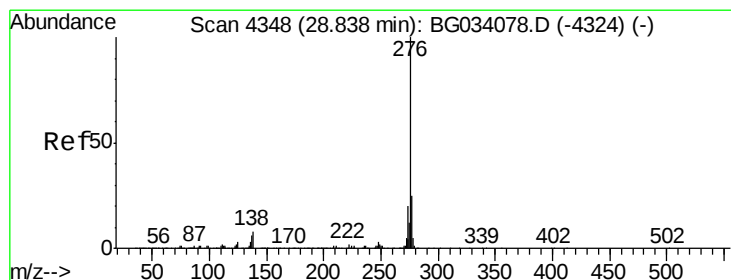
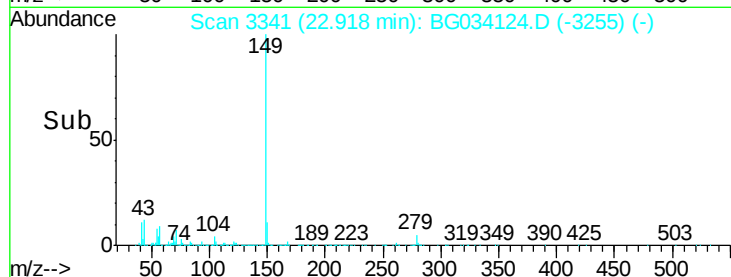
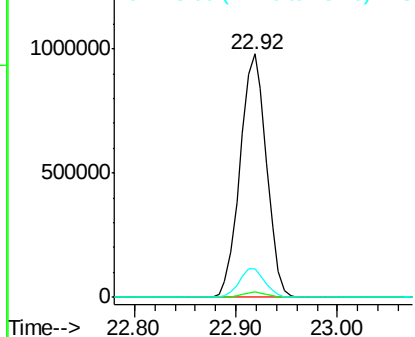
#84
Di-n-octyl phthalate
Concen: 48.18 ng
RT: 22.92 min Scan# 3341
Delta R.T. -0.03 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1758678
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 11.8 8.9 13.3

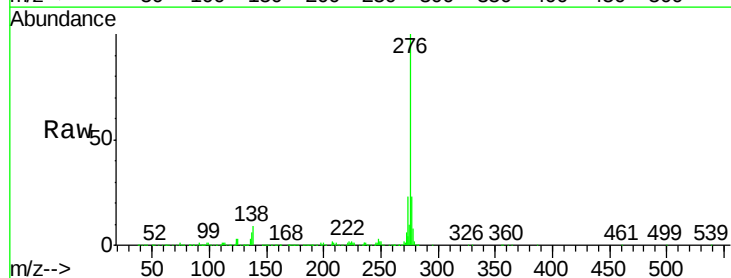


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

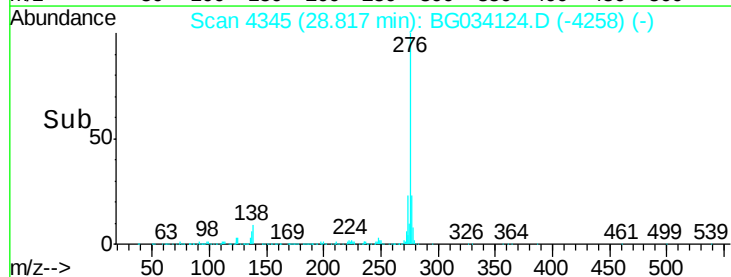
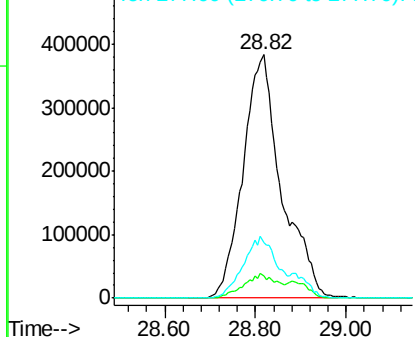


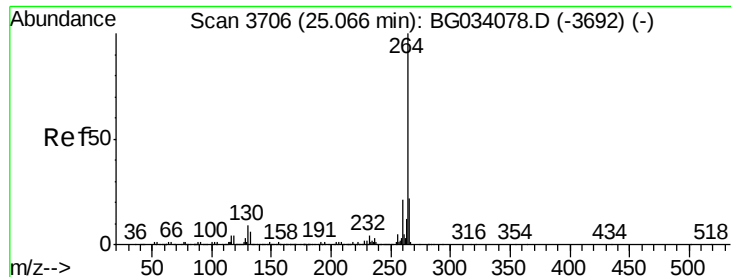
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.30 ng
RT: 28.82 min Scan# 4345
Delta R.T. -0.02 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion:276 Resp: 2259771
Ion Ratio Lower Upper
276 100
138 8.4 16.0 24.0#
277 22.0 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

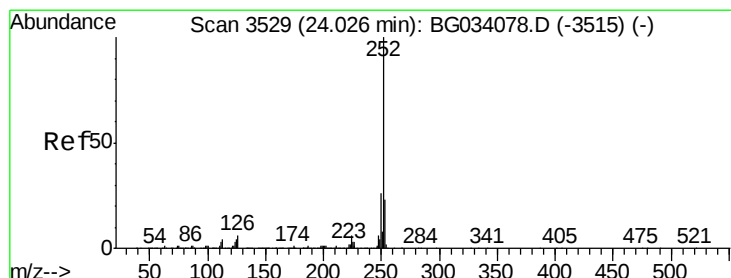
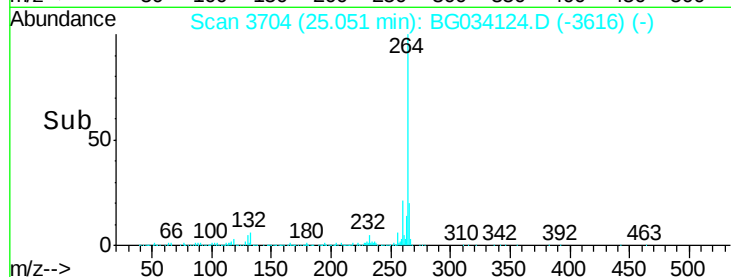
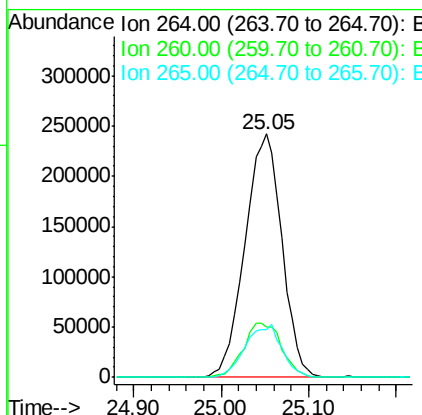
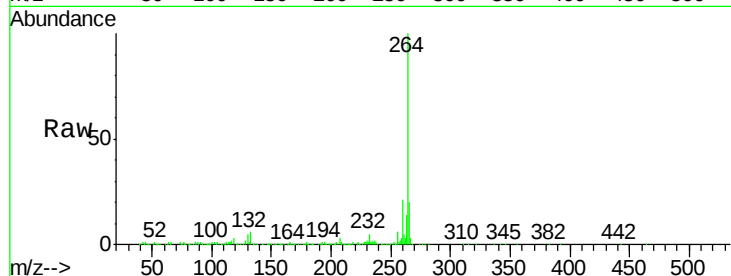




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

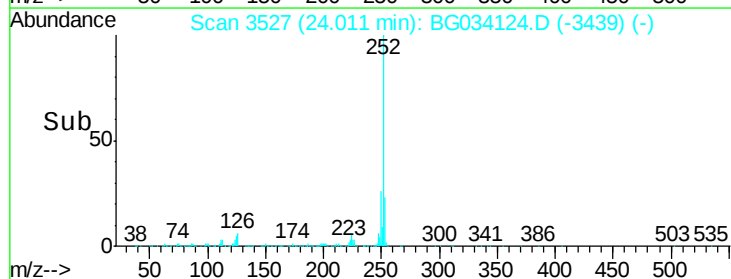
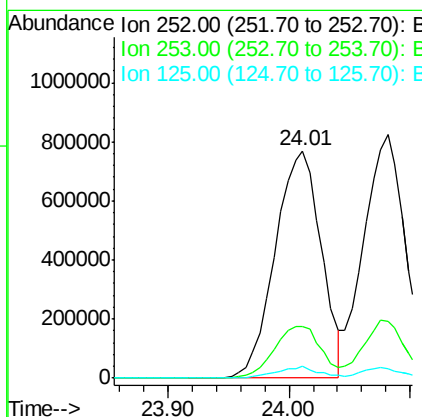
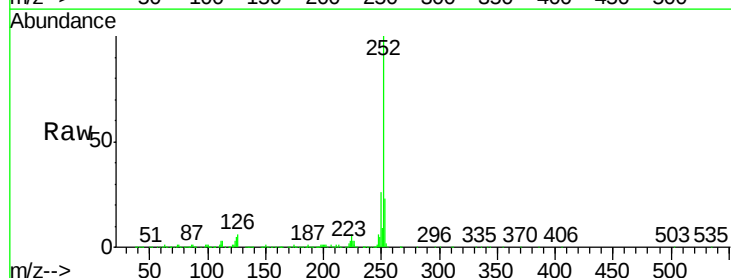
Instrument :
BNA_G
ClientSampleId :

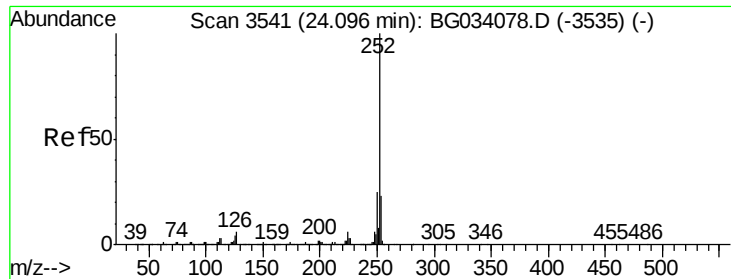
Tot Ion:264 Resp: 694631
Ion Ratio Lower Upper
264 100
260 20.5 17.4 26.0
265 19.6 17.7 26.5



#87
Benzo(b)fluoranthene
Concen: 46.07 ng
RT: 24.01 min Scan# 3527
Delta R.T. -0.01 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion:252 Resp: 2021411
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 5.1 7.2 10.8#





#88

Benzo(k)fluoranthene

Concen: 46.73 ng

RT: 24.08 min Scan# 3539

Delta R.T. -0.01 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

BNA_G

ClientSampled :

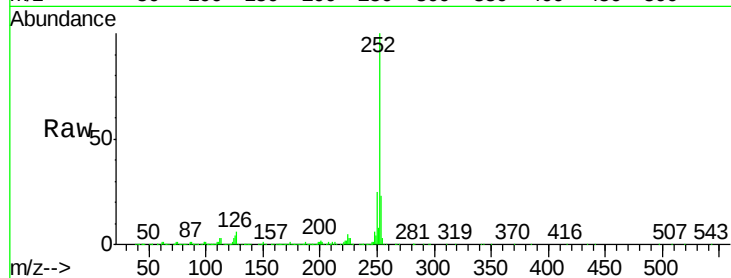
Tot Ion:252 Resp: 1959748

Ion Ratio Lower Upper

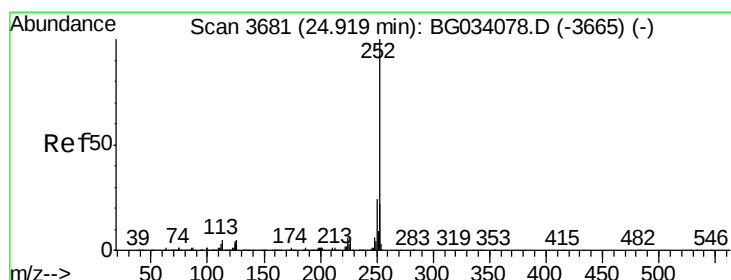
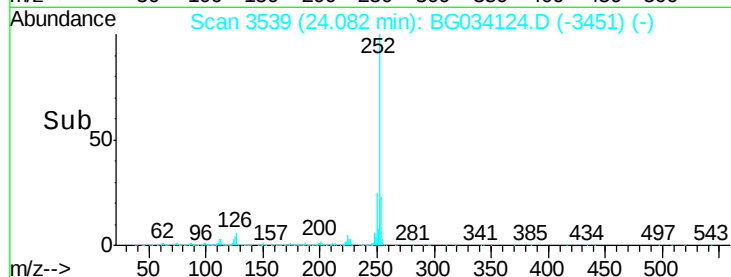
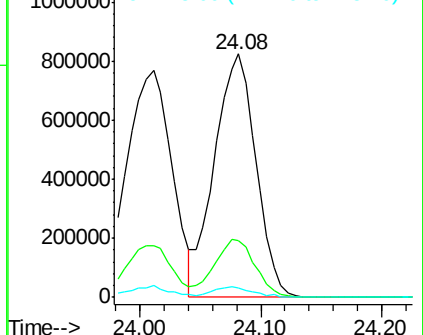
252 100

253 23.4 17.4 26.2

125 4.0 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: 48.11 ng

RT: 24.90 min Scan# 3678

Delta R.T. -0.02 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

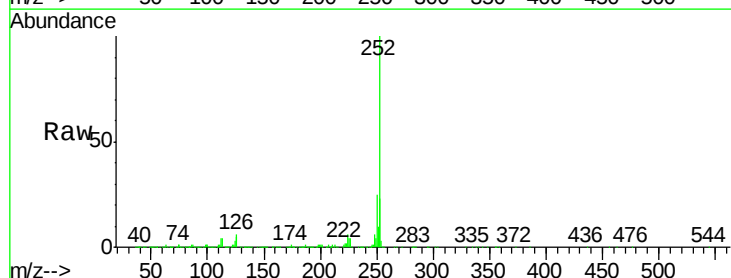
Tgt Ion:252 Resp: 1975115

Ion Ratio Lower Upper

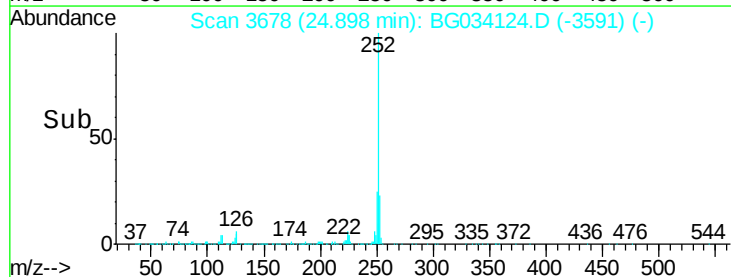
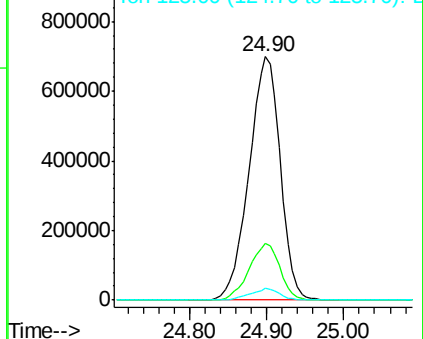
252 100

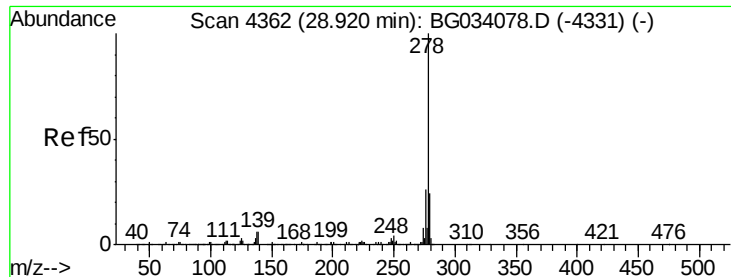
253 23.4 18.3 27.5

125 4.9 7.3 10.9#



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





#90

Dibenzo(a,h)anthracene

Concen: 48.66 ng

RT: 28.89 min Scan# 4357

Delta R.T. -0.03 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

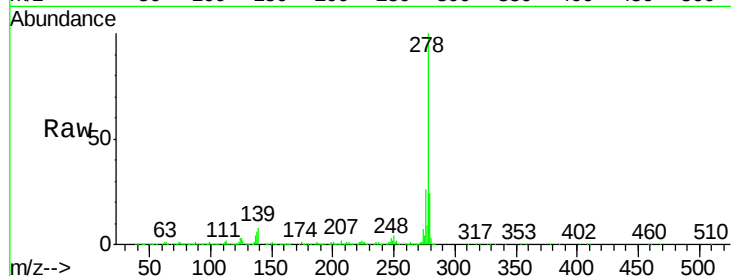
Instrument :

BNA_G

ClientSampled :

Tot Ion:278 Resp: 1883071

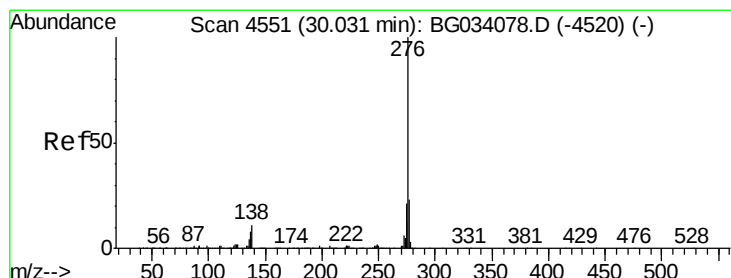
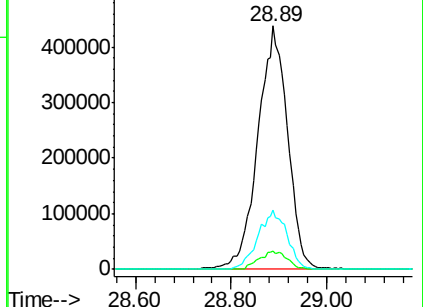
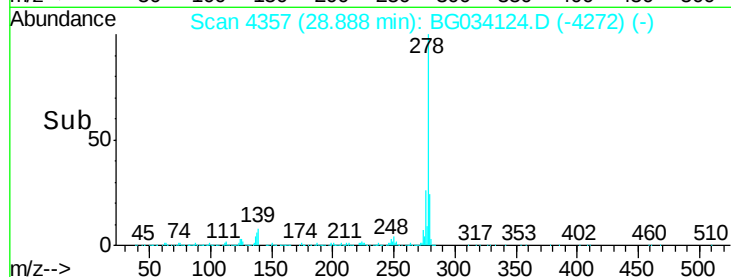
Ion	Ratio	Lower	Upper
278	100		
139	7.6	9.8	14.6#
279	24.2	18.4	27.6



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(g,h,i)perylene

Concen: 47.45 ng

RT: 29.97 min Scan# 4542

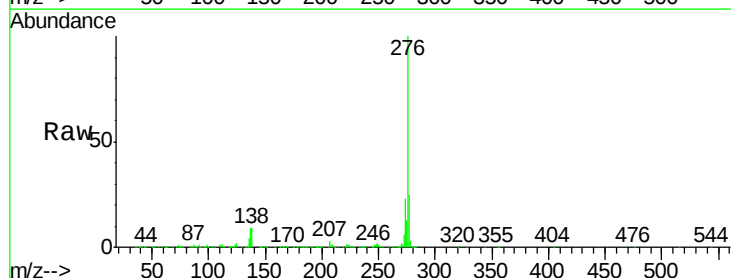
Delta R.T. -0.06 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Tgt Ion:276 Resp: 1809826

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.3	27.5
138	9.2	13.9	20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

