

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042919\
 Data File : BG040655.D
 Acq On : 29 Apr 2019 11:02
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 30 01:44:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	53950	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	245107	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	179066	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	445752	20.00	ng	0.00
76) Chrysene-d12	21.82	240	424960	20.00	ng	0.00
87) Perylene-d12	25.19	264	459504	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	259245	84.71	ng	0.00
7) Phenol-d6	7.29	99	402447	85.40	ng	0.00
23) Nitrobenzene-d5	9.33	82	457266	86.20	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	202301	82.19	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	977928	78.87	ng	0.00
79) Terphenyl-d14	20.12	244	1676051	87.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	58227	41.833	ng	92
3) Pyridine	3.96	79	173289	42.953	ng	98
4) n-Nitrosodimethylamine	3.88	42	90698	40.531	ng	# 90
6) Aniline	7.47	93	253486	40.584	ng	96
8) 2-Chlorophenol	7.71	128	149750	40.072	ng	92
9) Benzaldehyde	7.29	77	126983	47.158	ng	94
10) Phenol	7.32	94	214734	42.391	ng	91
11) bis(2-Chloroethyl)ether	7.57	93	156905	41.306	ng	96
12) 1,3-Dichlorobenzene	8.04	146	170328	41.758	ng	98
13) 1,4-Dichlorobenzene	8.19	146	170706	41.284	ng	97
14) 1,2-Dichlorobenzene	8.51	146	162036	40.634	ng	99
15) Benzyl Alcohol	8.39	79	197306	40.240	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	302596	40.012	ng	98
17) 2-Methylphenol	8.58	107	146359	40.827	ng	98
18) Hexachloroethane	9.24	117	68528	40.401	ng	95
19) n-Nitroso-di-n-propylamine	8.96	70	166752	39.310	ng	100
20) 3+4-Methylphenols	8.91	107	205296	41.109	ng	95
22) Acetophenone	8.98	105	275222	40.380	ng	# 98
24) Nitrobenzene	9.37	77	246823	43.610	ng	97
25) Isophorone	9.89	82	462165	39.113	ng	98
26) 2-Nitrophenol	10.08	139	91022	44.865	ng	# 88
27) 2,4-Dimethylphenol	10.12	122	150378	39.505	ng	99
28) bis(2-Chloroethoxy)methane	10.37	93	232864	39.280	ng	95
29) 2,4-Dichlorophenol	10.61	162	178097	41.154	ng	96
30) 1,2,4-Trichlorobenzene	10.83	180	200518	41.783	ng	99
31) Naphthalene	11.03	128	522903	40.156	ng	100
32) Benzoic acid	10.25	122	128691	49.385	ng	88
33) 4-Chloroaniline	11.13	127	230659	39.951	ng	99
34) Hexachlorobutadiene	11.29	225	149015	42.060	ng	99
35) Caprolactam	11.93	113	66437	38.885	ng	97
36) 4-Chloro-3-methylphenol	12.23	107	225202	41.252	ng	96
37) 2-Methylnaphthalene	12.62	142	393055	40.371	ng	98
38) 1-Methylnaphthalene	12.84	142	379878	39.918	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	263220	39.459	ng	99

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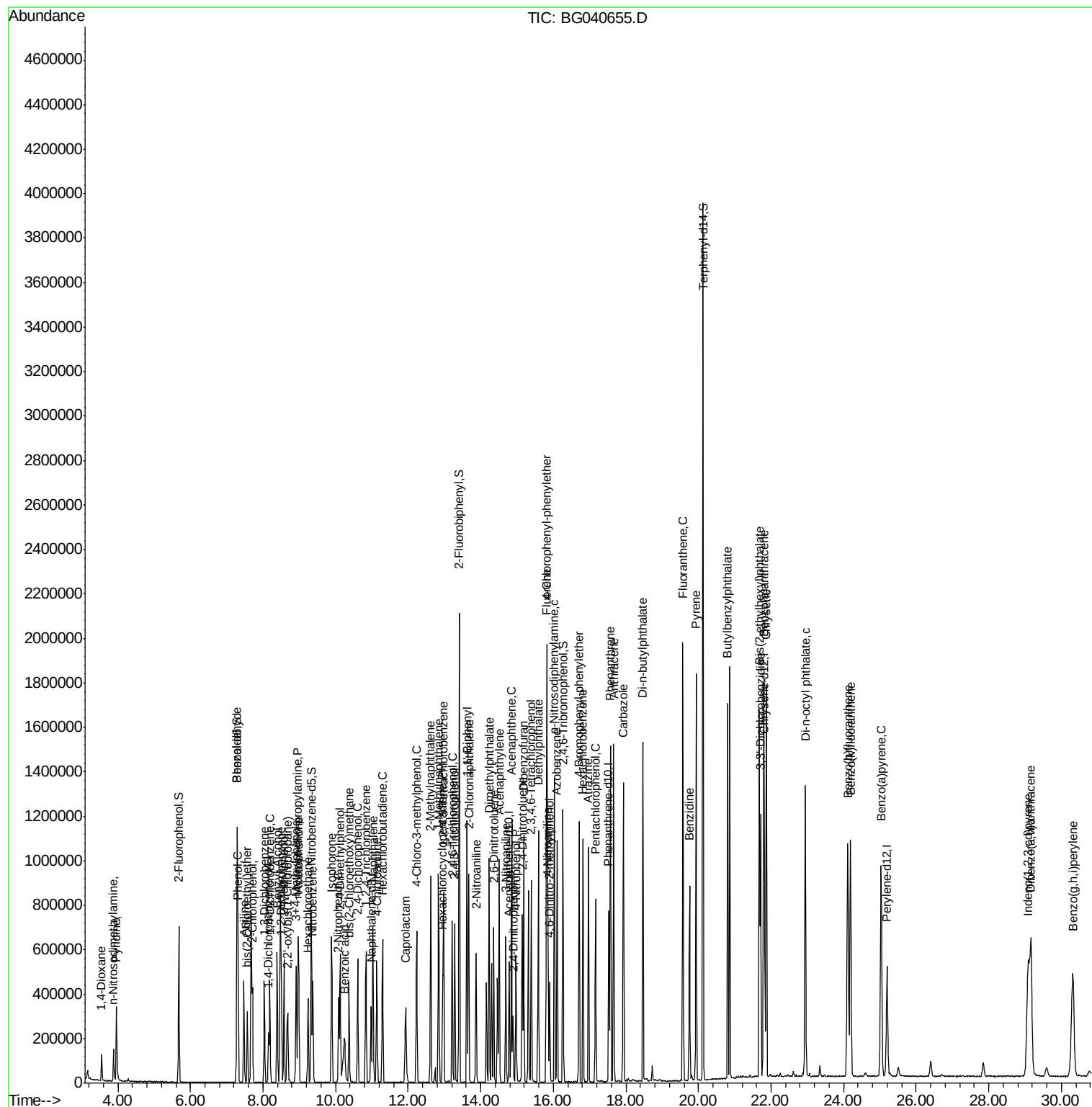
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	133699	33.966	ng	97
43) 2,4,6-Trichlorophenol	13.21	196	162765	40.377	ng	100
44) 2,4,5-Trichlorophenol	13.28	196	182620	41.587	ng	100
46) 1,1'-Biphenyl	13.62	154	532044	38.269	ng	96
47) 2-Chloronaphthalene	13.67	162	430179	39.538	ng	98
48) 2-Nitroaniline	13.87	65	175799	45.391	ng	98
49) Acenaphthylene	14.51	152	715931	38.784	ng	100
50) Dimethylphthalate	14.23	163	588825	39.302	ng	99
51) 2,6-Dinitrotoluene	14.36	165	128588	43.976	ng	98
52) Acenaphthene	14.85	154	413368	38.452	ng	96
53) 3-Nitroaniline	14.69	138	131627	43.934	ng	# 99
54) 2,4-Dinitrophenol	14.89	184	54919	37.396	ng	# 84
55) Dibenzofuran	15.18	168	688914	39.125	ng	98
56) 4-Nitrophenol	14.97	139	106198	40.879	ng	98
57) 2,4-Dinitrotoluene	15.14	165	184932	46.544	ng	# 97
58) Fluorene	15.83	166	552532	38.823	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	183897	41.606	ng	99
60) Diethylphthalate	15.59	149	607567	38.436	ng	100
61) 4-Chlorophenyl-phenylether	15.82	204	327328	39.545	ng	100
62) 4-Nitroaniline	15.85	138	140992	42.070	ng	98
63) Azobenzene	16.11	77	626686	38.496	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	89631	41.873	ng	91
66) n-Nitrosodiphenylamine	16.03	169	494232	37.686	ng	99
67) 4-Bromophenyl-phenylether	16.71	248	216829	39.044	ng	99
68) Hexachlorobenzene	16.82	284	220054	38.322	ng	100
69) Atrazine	16.97	200	193831	37.304	ng	98
70) Pentachlorophenol	17.16	266	136429	40.601	ng	95
71) Phenanthrene	17.57	178	932750	38.849	ng	99
72) Anthracene	17.66	178	931864	38.613	ng	99
73) Carbazole	17.93	167	840448	38.224	ng	99
74) Di-n-butylphthalate	18.47	149	1003144	37.800	ng	99
75) Fluoranthene	19.57	202	1164439	38.919	ng	99
77) Benzidine	19.75	184	481605	41.391	ng	99
78) Pyrene	19.94	202	1162110	43.632	ng	99
80) Butylbenzylphthalate	20.81	149	455276	43.857	ng	98
81) Benzo(a)anthracene	21.80	228	1161207	43.235	ng	100
82) 3,3'-Dichlorobenzidine	21.71	252	396944	41.466	ng	99
83) Chrysene	21.87	228	1116238	43.701	ng	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	619682	41.354	ng	96
85) Di-n-octyl phthalate	22.94	149	1059539	41.984	ng	100
86) Indeno(1,2,3-cd)pyrene	29.08	276	1311566	42.470	ng	# 97
88) Benzo(b)fluoranthene	24.12	252	1135577	40.441	ng	99
89) Benzo(k)fluoranthene	24.19	252	1057410	40.323	ng	98
90) Benzo(a)pyrene	25.04	252	1066863	40.138	ng	99
91) Dibenzo(a,h)anthracene	29.16	278	1060110	39.413	ng	98
92) Benzo(g,h,i)perylene	30.32	276	1051041	39.262	ng	99

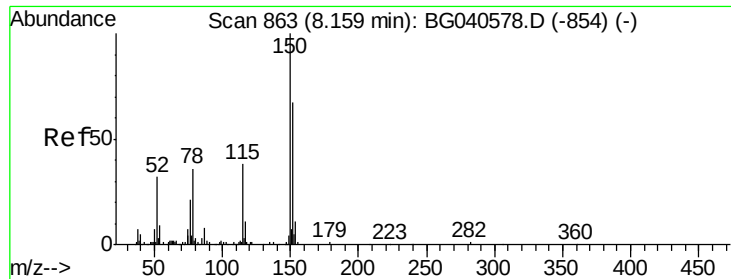
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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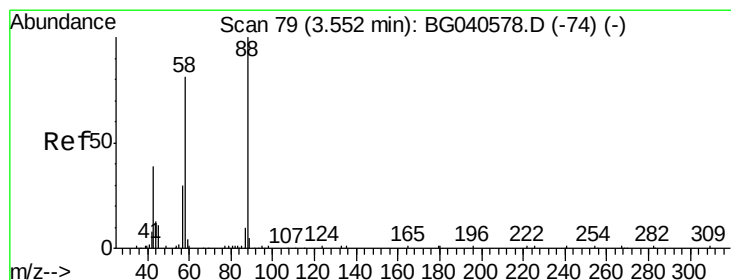
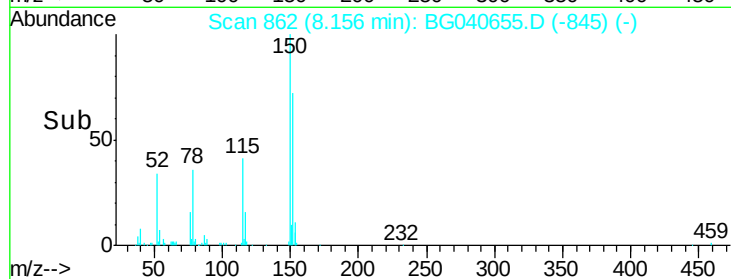
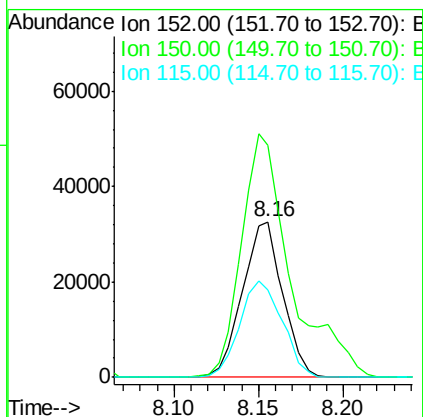
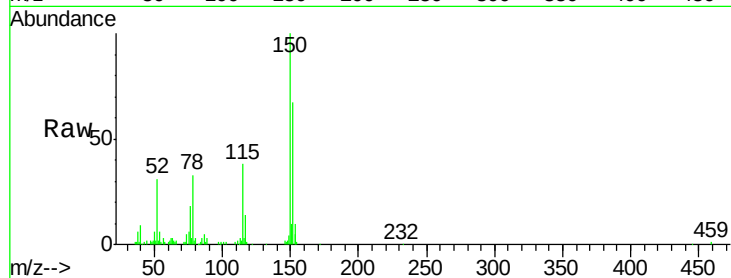


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.16 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

Instrument :
 BNA_G
 ClientSampleId :

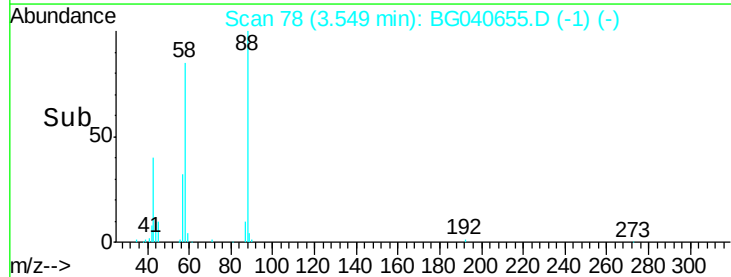
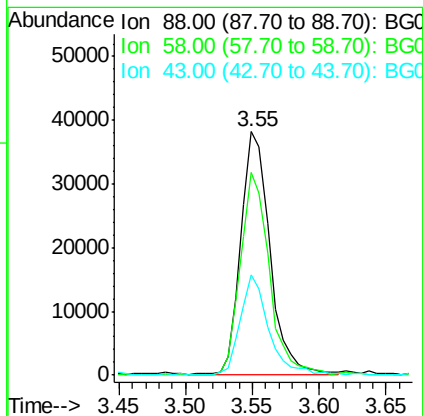
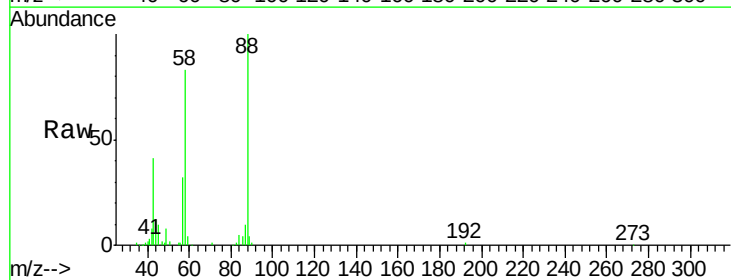
Tot Ion:152 Resp: 53950
 Ion Ratio Lower Upper
 152 100
 150 149.4 120.2 180.2
 115 56.3 46.2 69.2

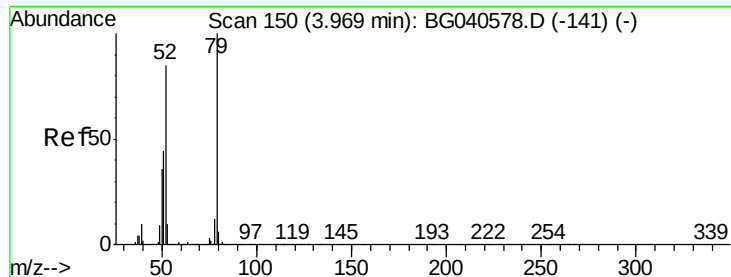


#2

1,4-Dioxane
 Concen: 41.833 ng
 RT: 3.55 min Scan# 78
 Delta R.T. -0.00 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

Tgt Ion: 88 Resp: 58227
 Ion Ratio Lower Upper
 88 100
 58 81.7 71.2 106.8
 43 39.9 35.6 53.4





#3

Pvridine

Concen: 42.953 ng

RT: 3.96 min Scan# 148

Delta R.T. -0.01 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

Instrument :

BNA_G

ClientSampleId :

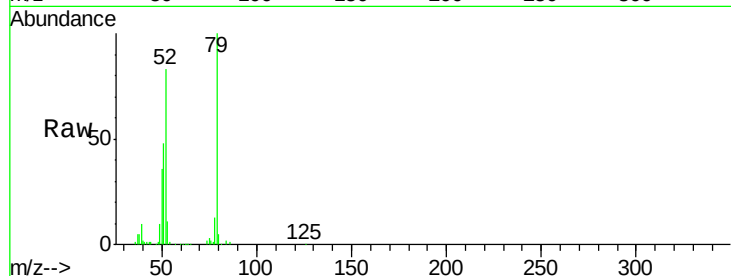
Tot Ion: 79 Resp: 173289

Ion Ratio Lower Upper

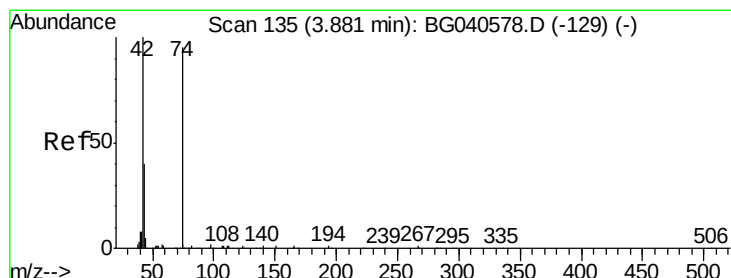
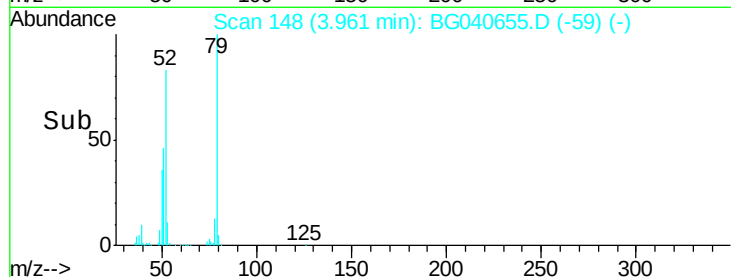
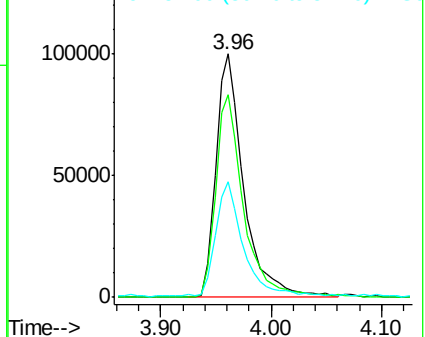
79 100

52 83.4 67.5 101.3

51 47.6 35.6 53.4



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



#4

n-Nitrosodimethylamine

Concen: 40.531 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

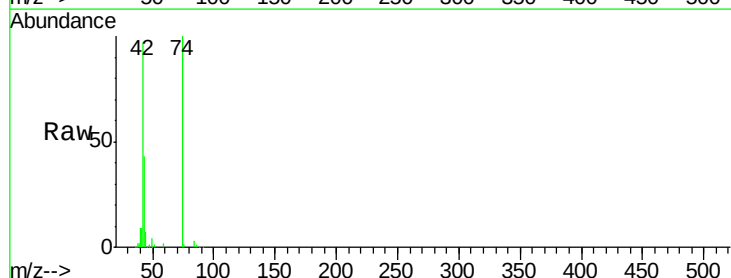
Tgt Ion: 42 Resp: 90698

Ion Ratio Lower Upper

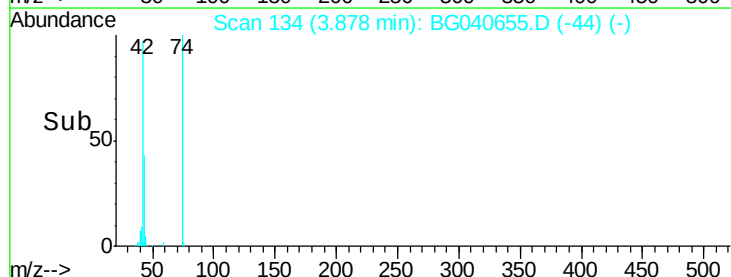
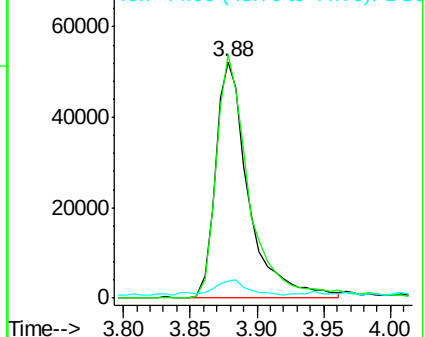
42 100

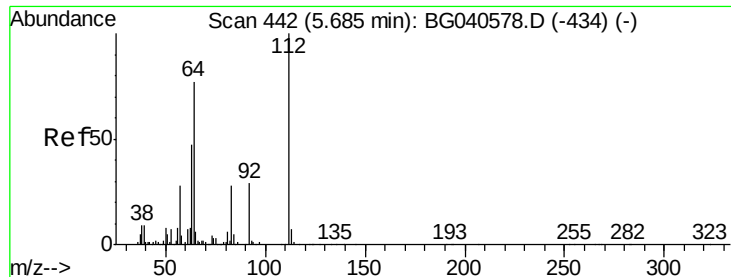
74 103.1 74.6 111.8

44 7.2 7.4 11.0#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 84.706 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.00 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

Instrument :

BNA_G

ClientSampleId :

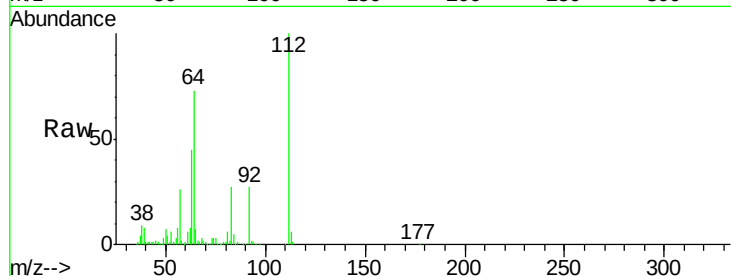
Tot Ion:112 Resp: 259245

Ion Ratio Lower Upper

112 100

64 72.7 61.4 92.0

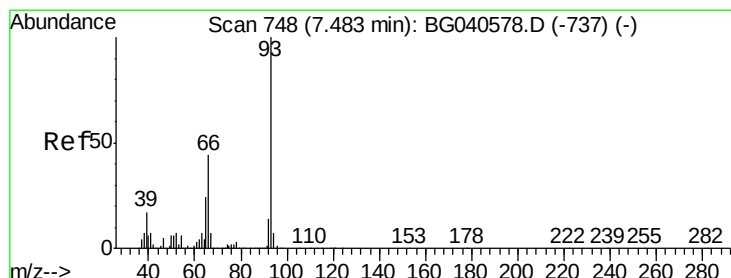
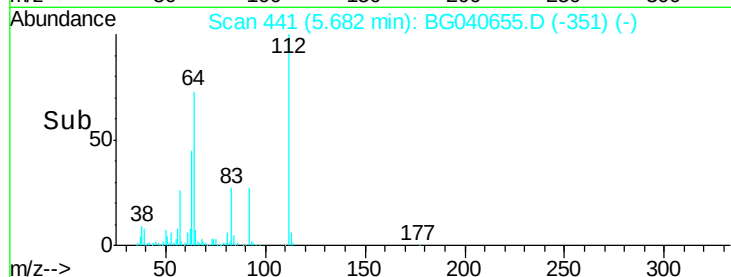
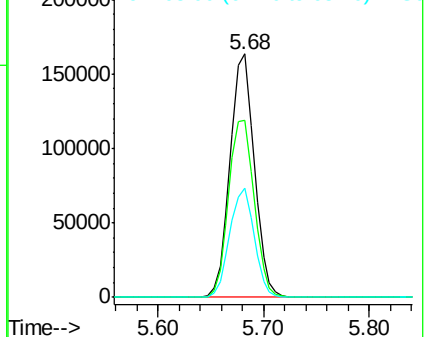
63 44.8 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.584 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

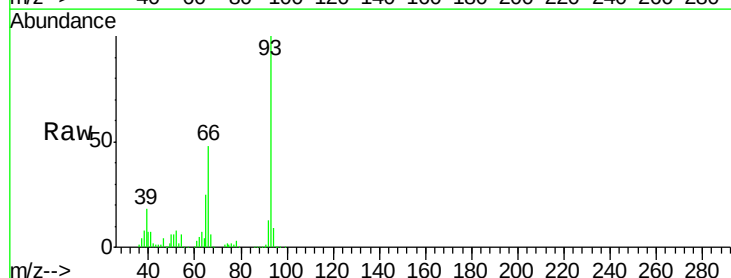
Tgt Ion: 93 Resp: 253486

Ion Ratio Lower Upper

93 100

66 48.0 35.5 53.3

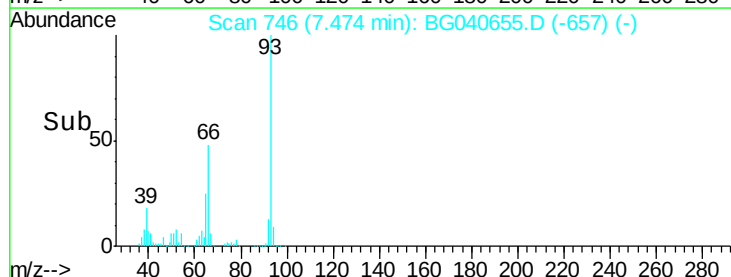
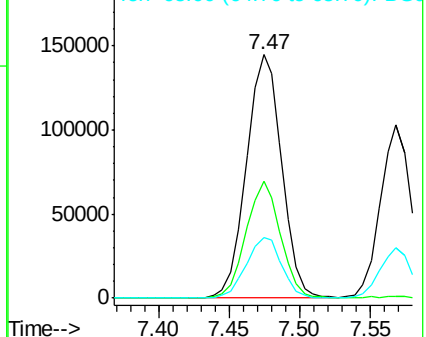
65 25.0 19.2 28.8

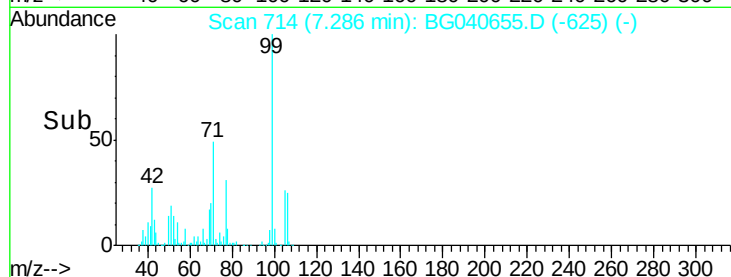
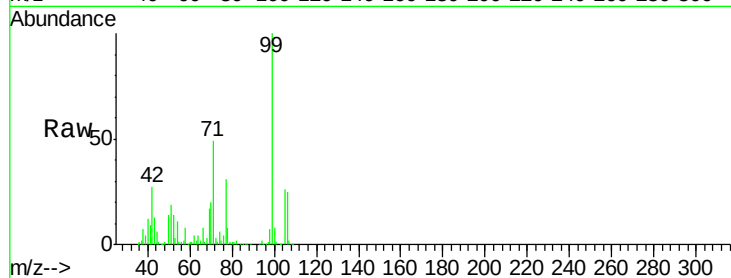
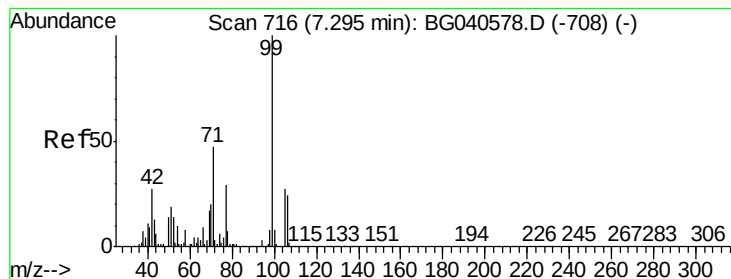


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.403 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

Instrument :

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ClientSampleId :

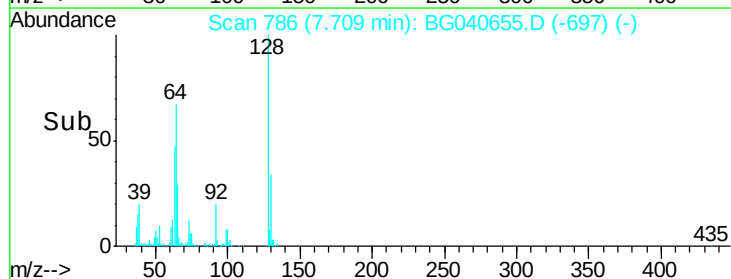
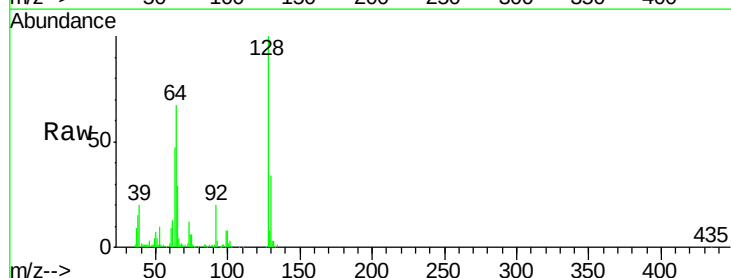
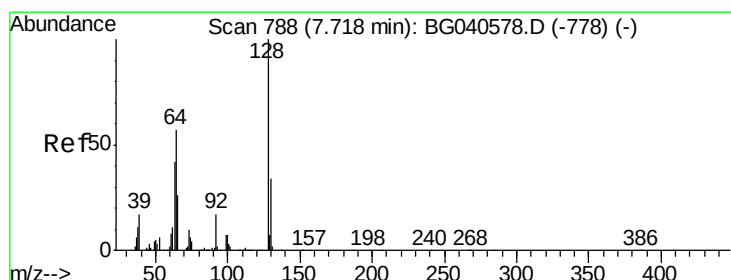
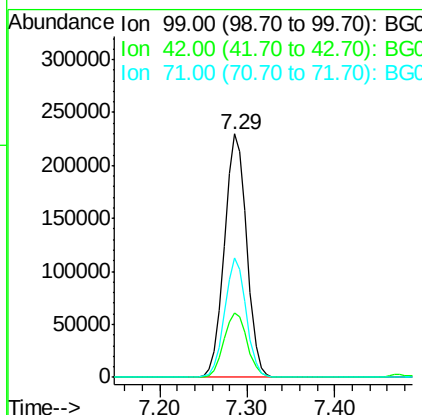
Tot Ion: 99 Resp: 402447

Ion Ratio Lower Upper

99 100

42 26.6 21.8 32.8

71 49.3 38.6 57.8



#8

2-Chlorophenol

Concen: 40.072 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

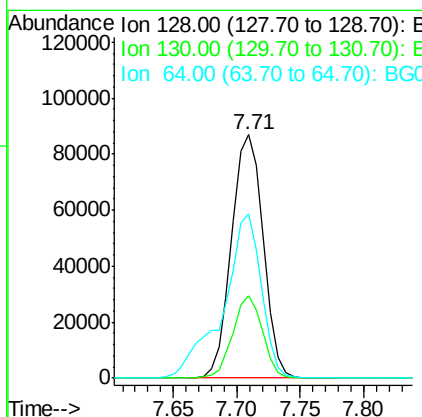
Tgt Ion: 128 Resp: 149750

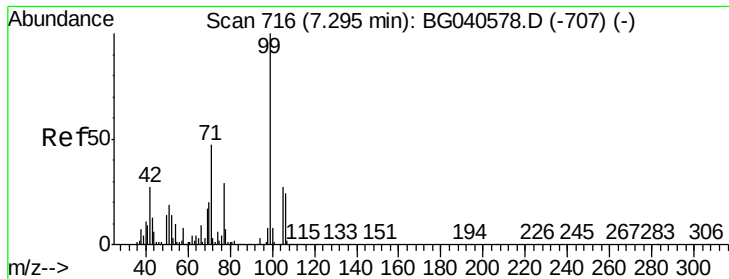
Ion Ratio Lower Upper

128 100

130 33.9 14.5 54.5

64 67.4 38.4 78.4





#9

Benzaldehyde

Concen: 47.158 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

Instrument :

BNA_G

ClientSampled :

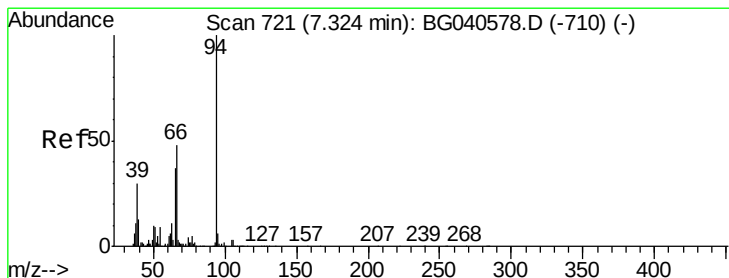
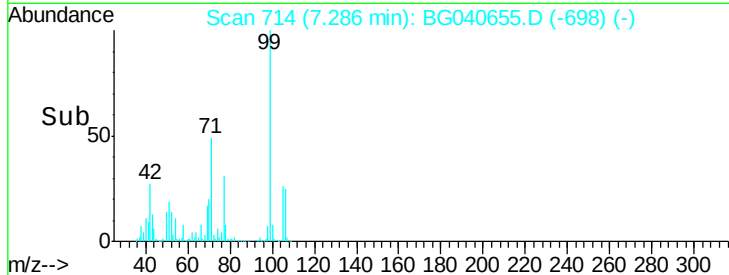
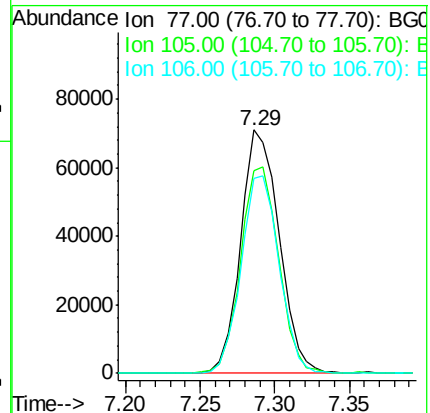
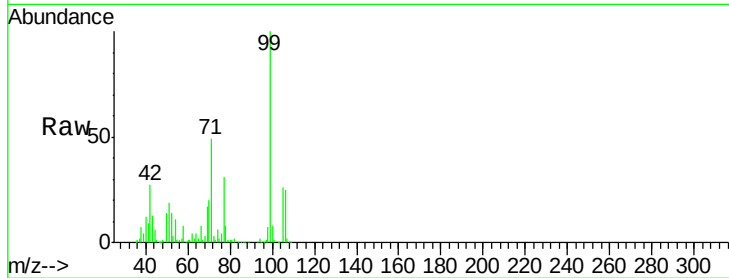
Tot Ion: 77 Resp: 126983

Ion Ratio Lower Upper

77 100

105 83.1 72.0 112.0

106 80.1 61.2 101.2



#10

Phenol

Concen: 42.391 ng

RT: 7.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

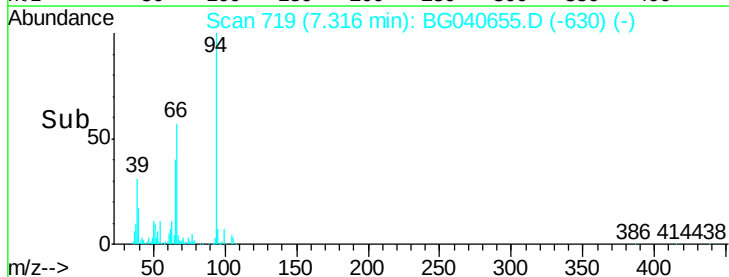
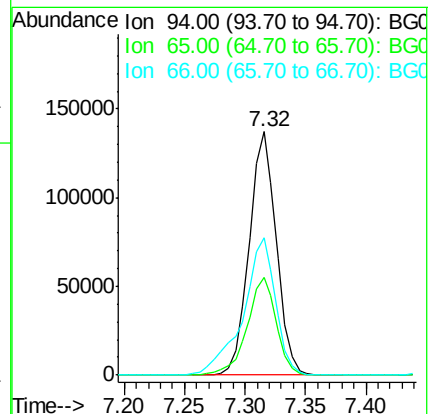
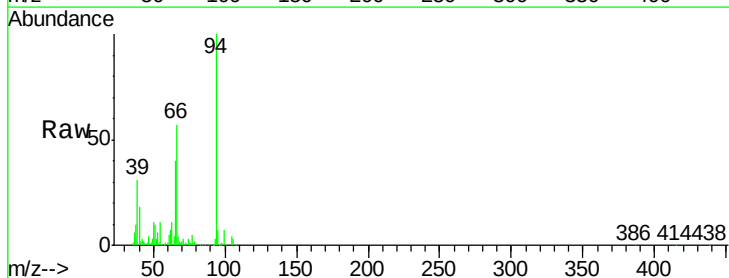
Tgt Ion: 94 Resp: 214734

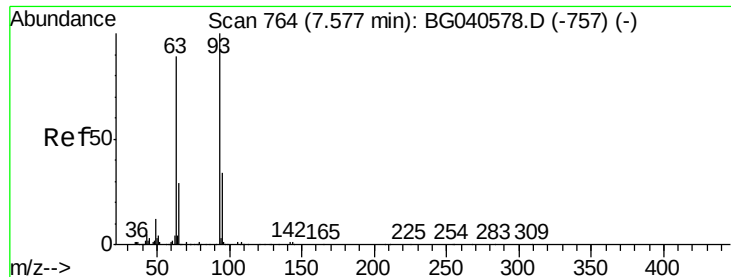
Ion Ratio Lower Upper

94 100

65 40.1 17.0 57.0

66 56.5 28.6 68.6

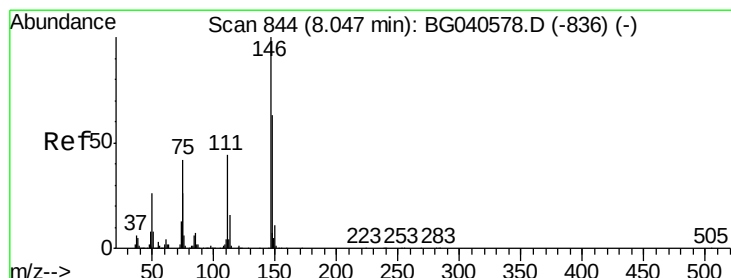
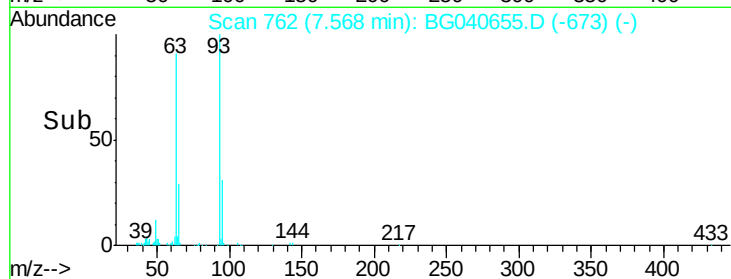
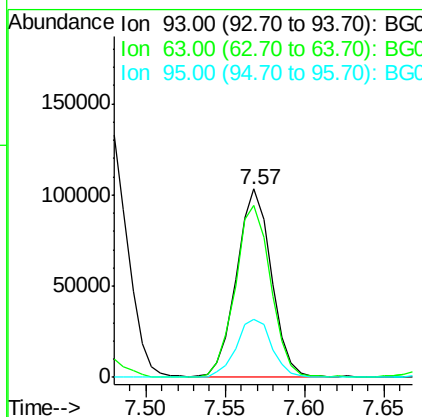
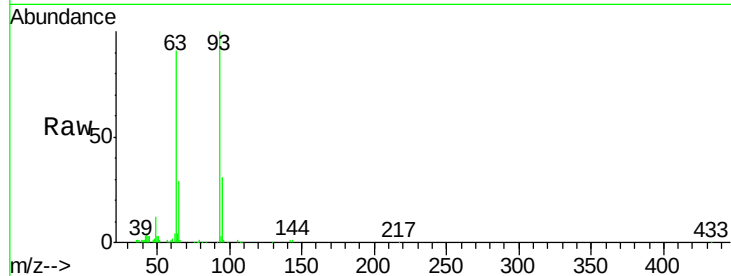




#11
bis(2-Chloroethyl)ether
Concen: 41.306 ng
RT: 7.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BG040655.D
Acq: 29 Apr 2019 11:02

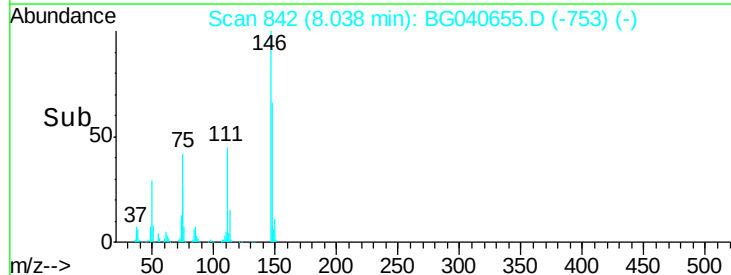
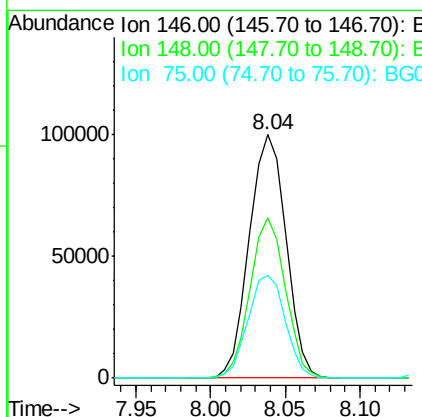
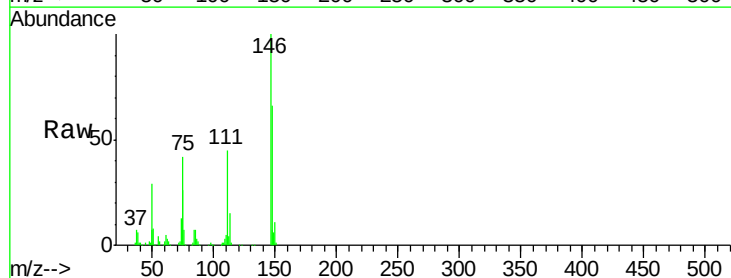
Instrument :
BNA_G
ClientSampleId :

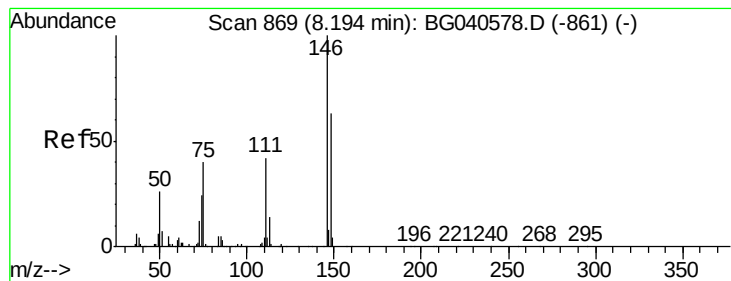
Tot Ion	Ratio	Lower	Upper
93	100		
63	91.0	68.2	108.2
95	30.6	14.3	54.3



#12
1,3-Dichlorobenzene
Concen: 41.758 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG040655.D
Acq: 29 Apr 2019 11:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.7	76.1
75	42.2	33.4	50.2





#13

1,4-Dichlorobenzene

Concen: 41.284 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

Instrument :

BNA_G

ClientSampled :

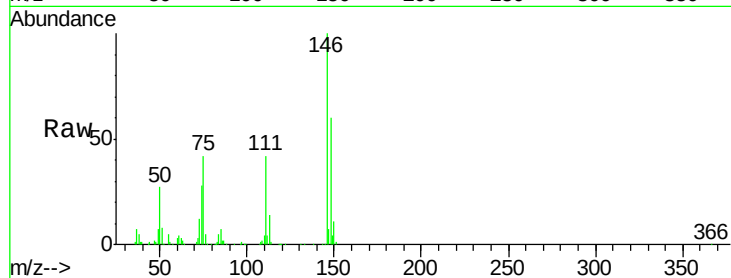
Tot Ion:146 Resp: 170706

Ion Ratio Lower Upper

146 100

148 59.7 50.6 75.8

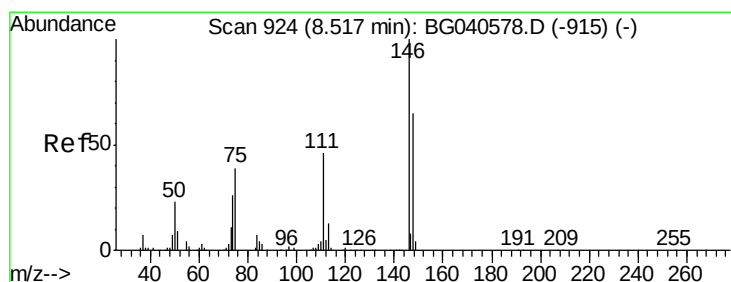
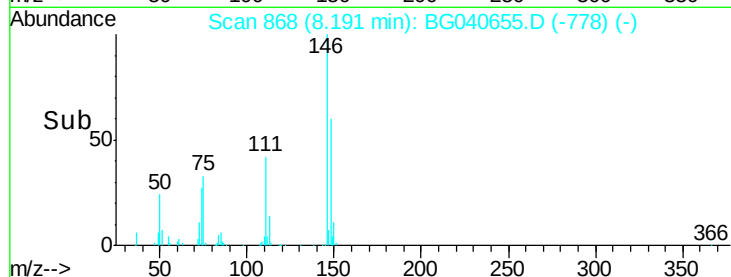
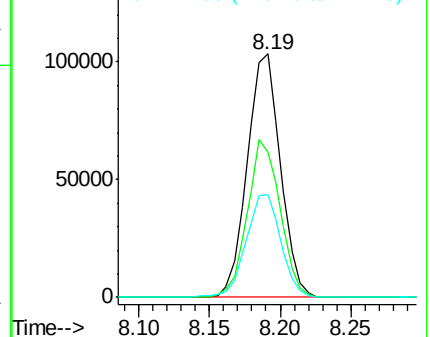
111 42.2 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.634 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

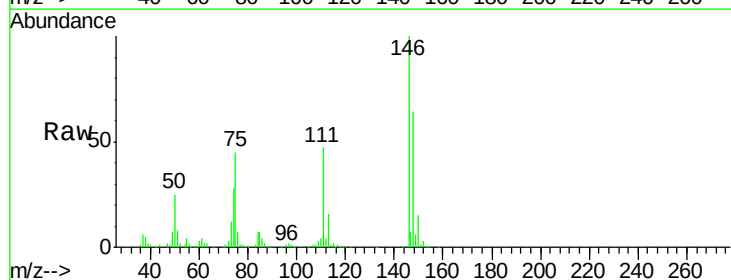
Tgt Ion:146 Resp: 162036

Ion Ratio Lower Upper

146 100

148 63.6 52.2 78.4

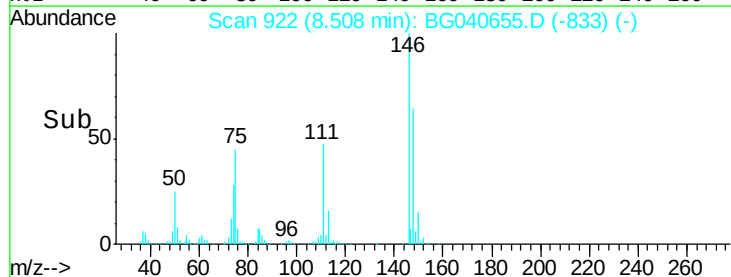
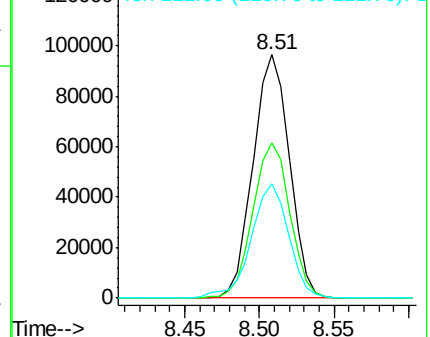
111 46.8 37.4 56.0

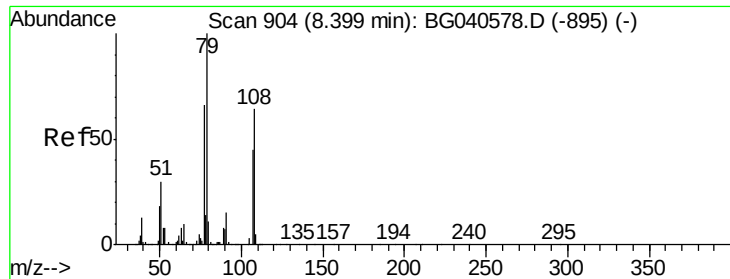


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.240 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

Instrument :

BNA_G

ClientSampleId :

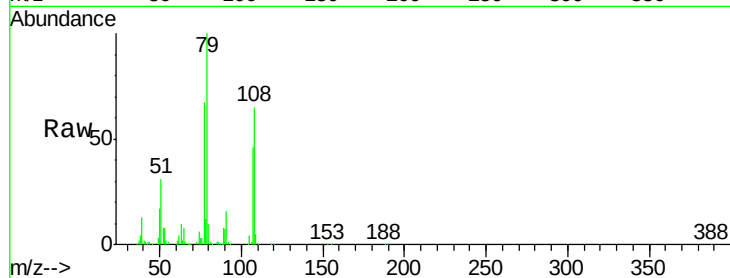
Tot Ion: 79 Resp: 197306

Ion Ratio Lower Upper

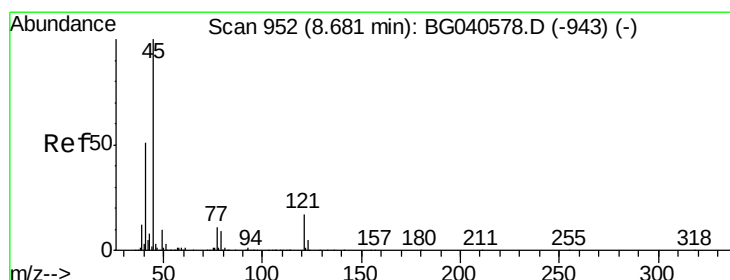
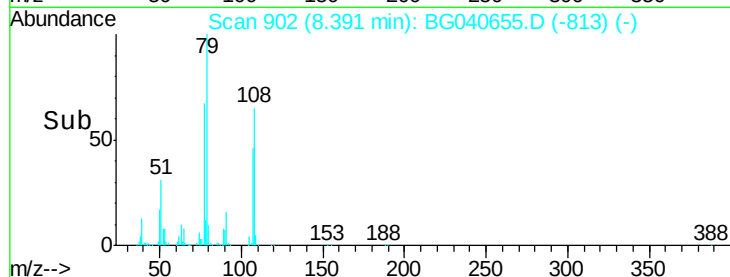
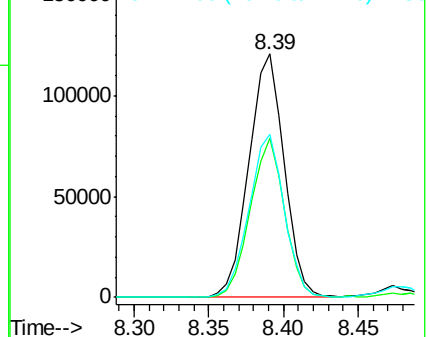
79 100

108 65.2 51.4 77.0

77 66.8 52.6 79.0



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: 40.012 ng

RT: 8.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

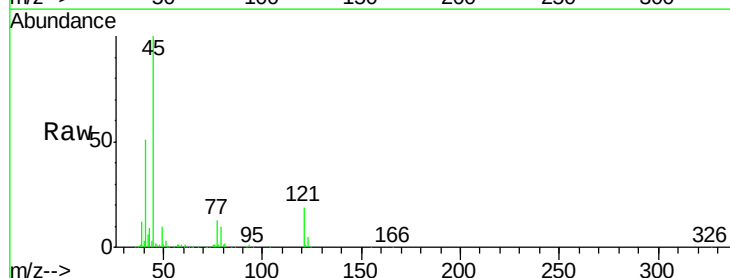
Tgt Ion: 45 Resp: 302596

Ion Ratio Lower Upper

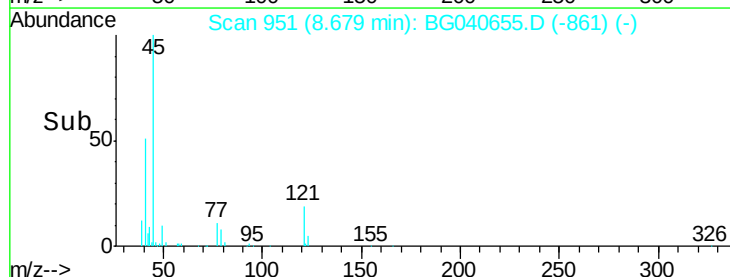
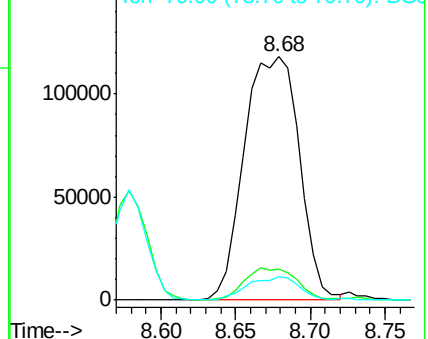
45 100

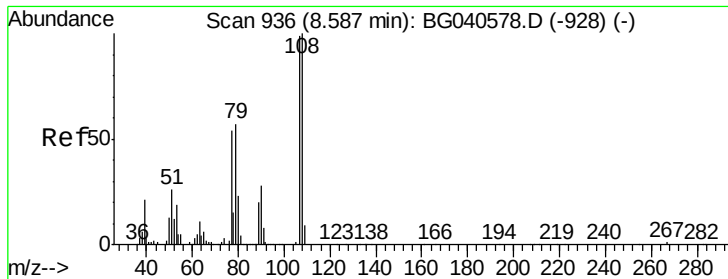
77 12.6 0.0 31.5

79 9.5 0.0 29.4



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: 40.827 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 146359

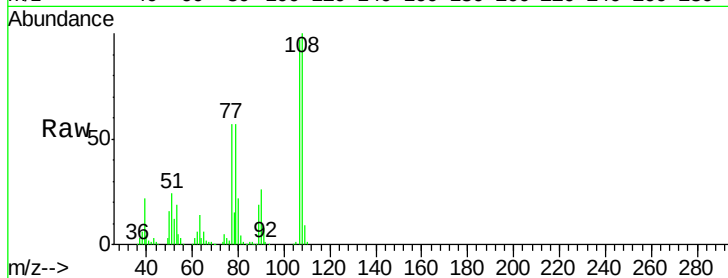
Ion Ratio Lower Upper

107 100

108 102.7 81.2 121.8

77 58.3 44.4 66.6

79 58.6 47.0 70.4

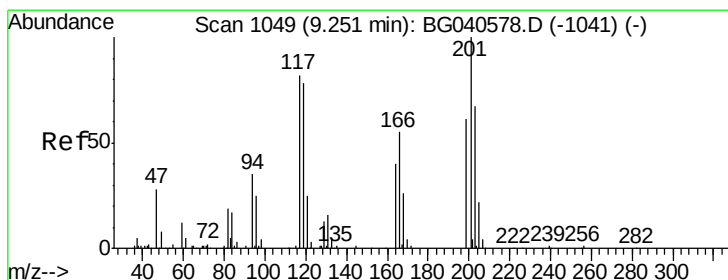
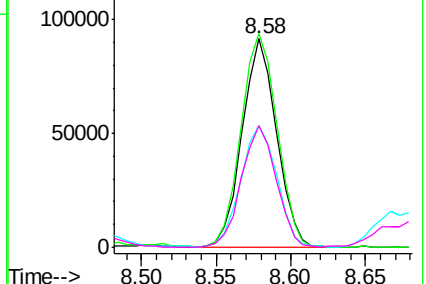
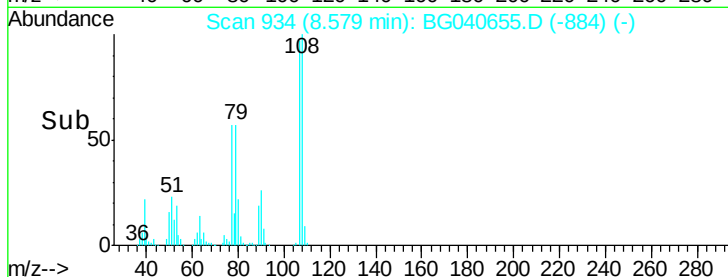


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.401 ng

RT: 9.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

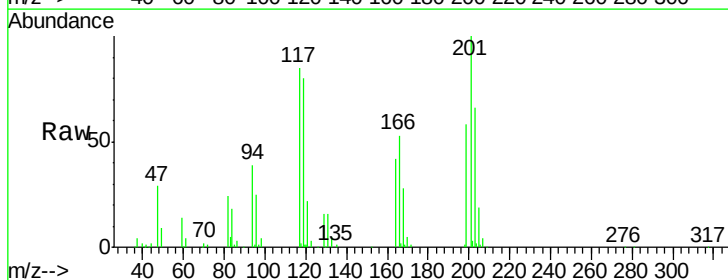
Tgt Ion:117 Resp: 68528

Ion Ratio Lower Upper

117 100

119 94.8 76.6 114.8

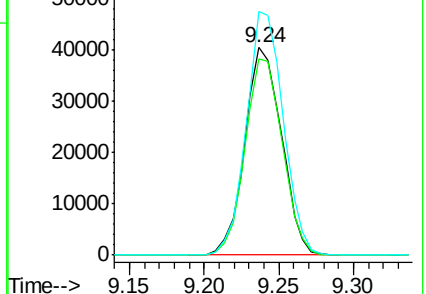
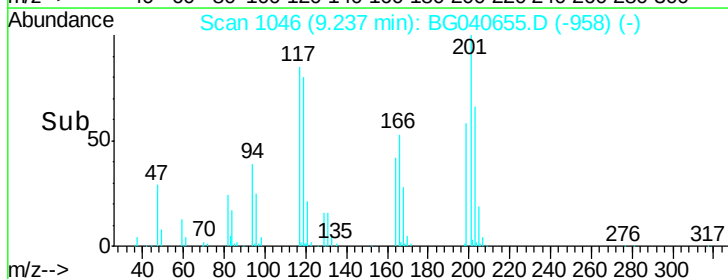
201 117.4 101.0 151.6

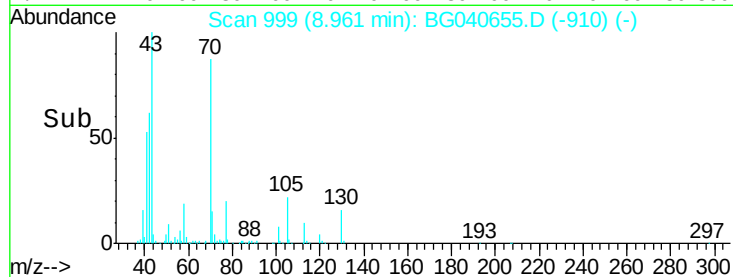
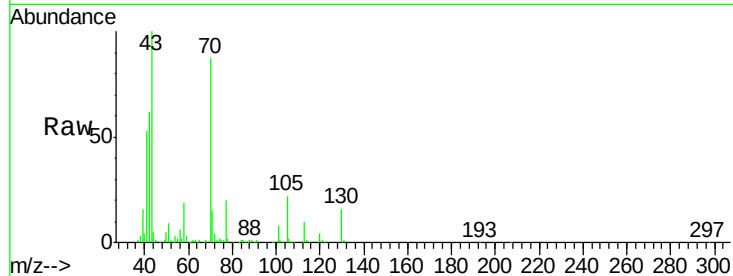
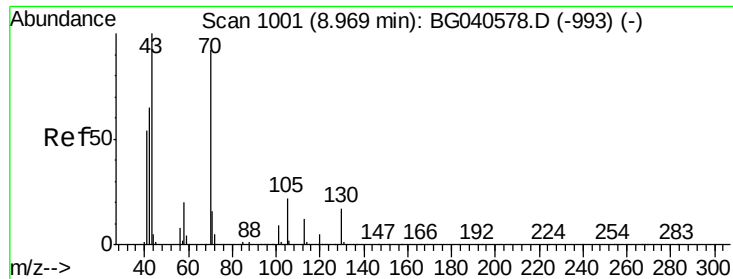


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

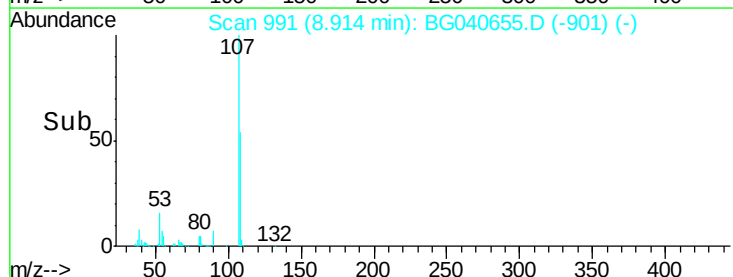
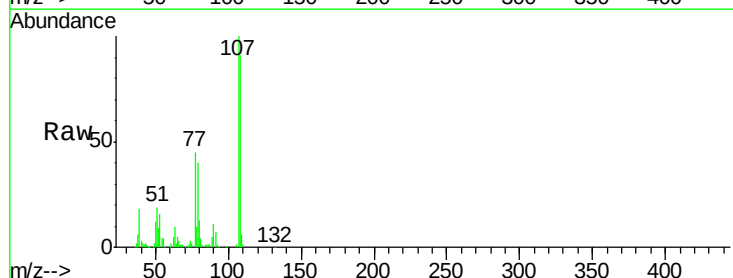
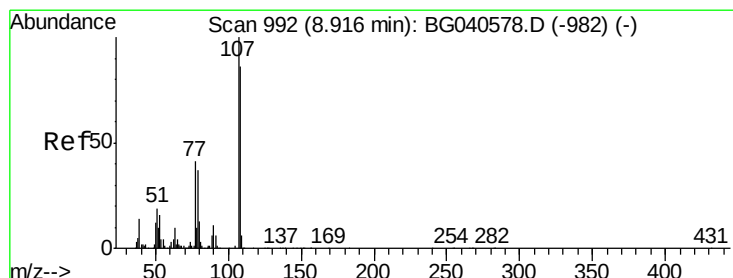
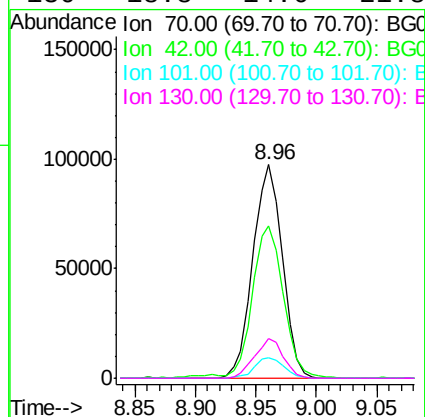




#19
n-Nitroso-di-n-propylamine
Concen: 39.310 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG040655.D
Acq: 29 Apr 2019 11:02

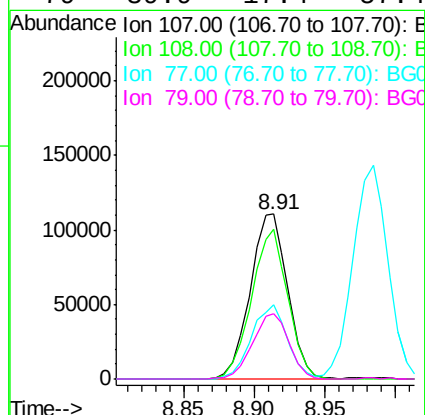
Instrument :
BNA_G
ClientSampled :

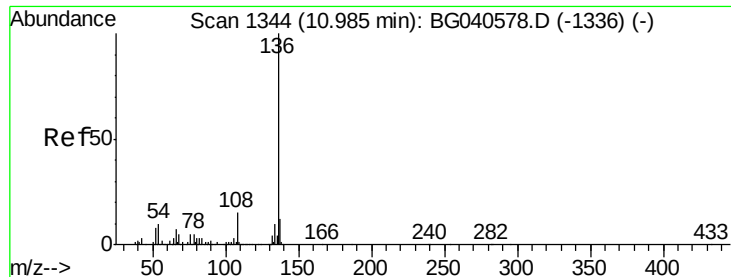
Tot Ion:	70	Resp:	166752
Ion	Ratio	Lower	Upper
70	100		
42	71.2	57.1	85.7
101	9.7	7.8	11.8
130	18.8	14.6	21.8



#20
3+4-Methylphenols
Concen: 41.109 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.00 min
Lab File: BG040655.D
Acq: 29 Apr 2019 11:02

Tgt Ion:	107	Resp:	205296
Ion	Ratio	Lower	Upper
107	100		
108	90.7	66.1	106.1
77	45.1	21.6	61.6
79	39.9	17.4	57.4

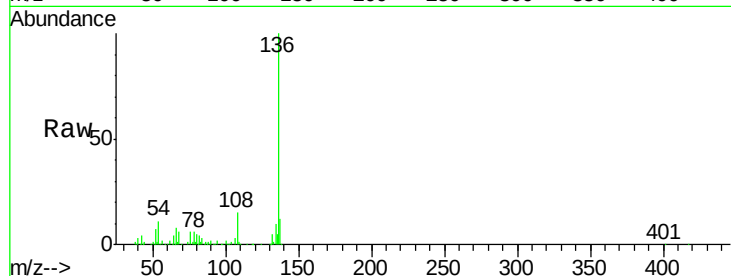




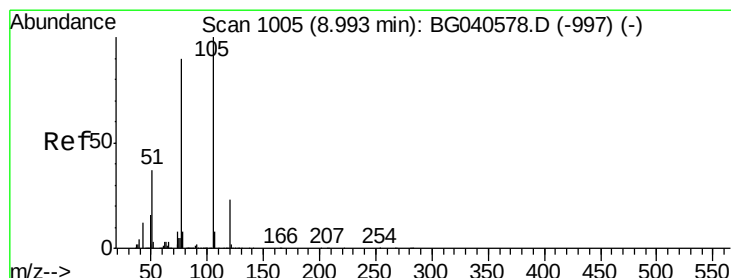
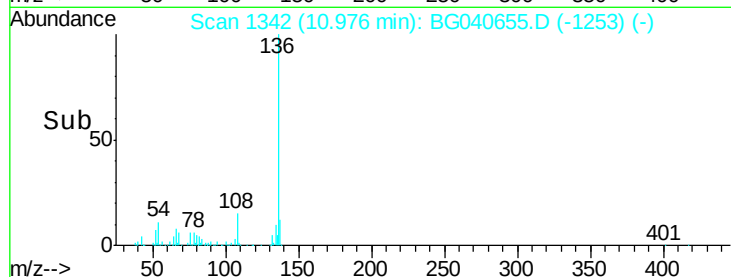
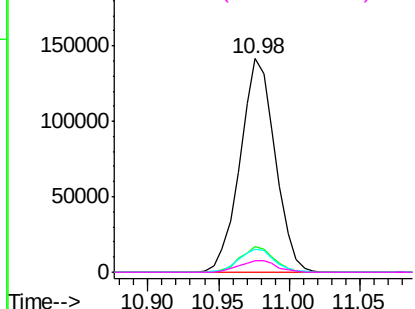
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG040655.D
Acq: 29 Apr 2019 11:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	245107
Ion Ratio	Lower	Upper
136 100		
137 11.8	9.7	14.5
54 11.0	8.6	12.8
68 5.7	4.8	7.2

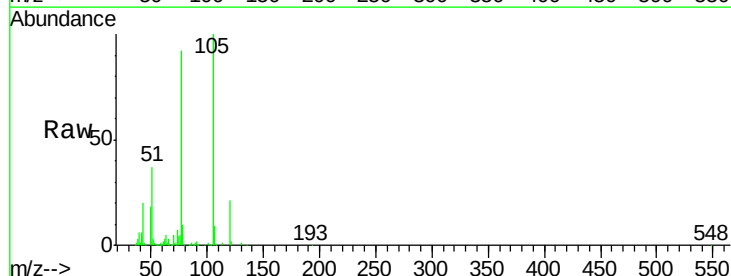


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

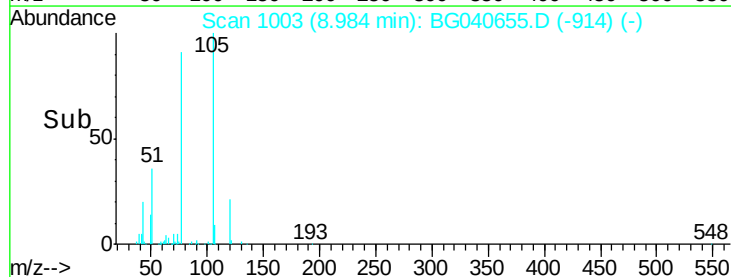
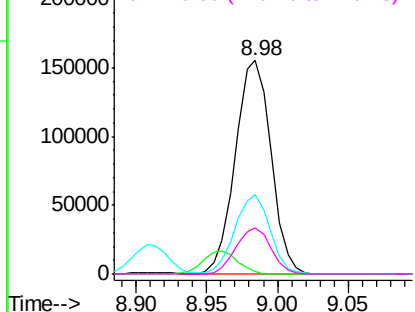


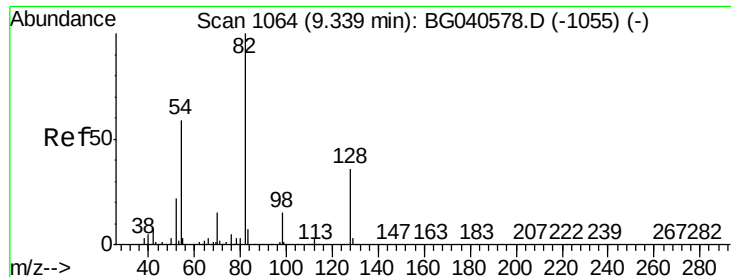
#22
Acetophenone
Concen: 40.380 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG040655.D
Acq: 29 Apr 2019 11:02

Tgt	Ion:105	Resp:	275222
Ion	Ratio	Lower	Upper
105	100		
71	0.9	1.8	2.8#
51	37.0	29.8	44.8
120	21.4	18.4	27.6



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

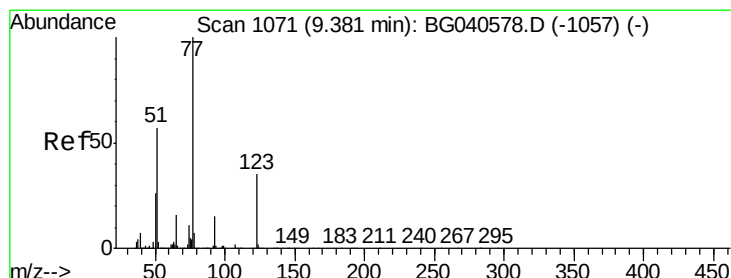
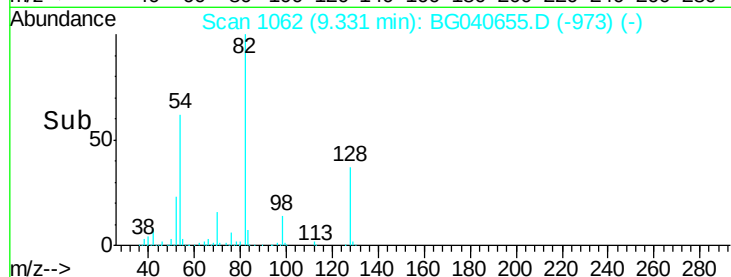
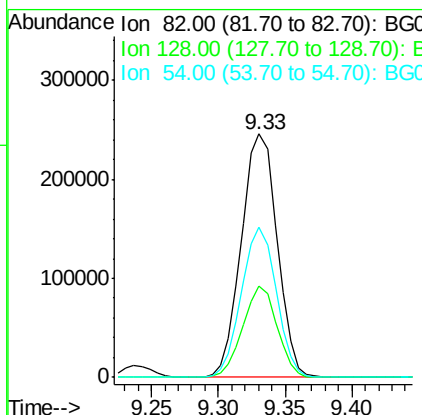
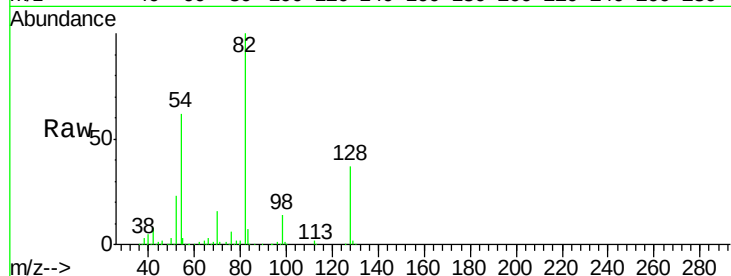




#23
 Nitrobenzene-d5
 Concen: 86.201 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

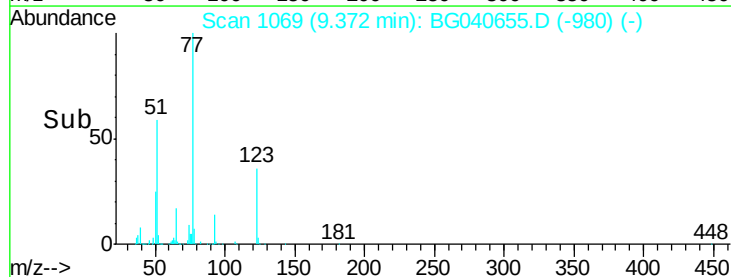
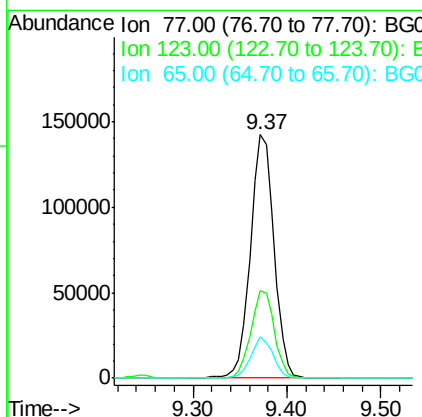
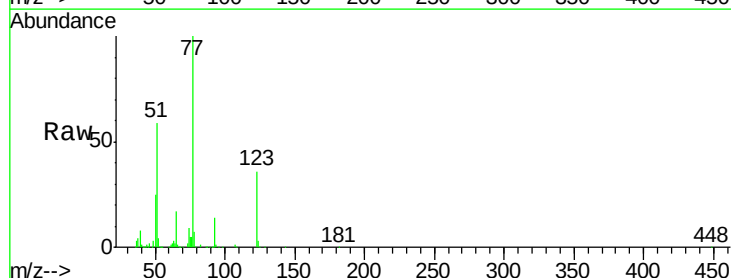
Instrument :
 BNA_G
 ClientSampleId :

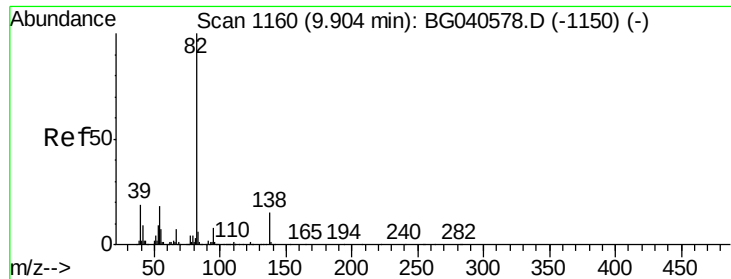
Tot Ion	82	Resp	457266
Ion Ratio	Lower	Upper	
82	100		
128	37.4	28.9	43.3
54	61.8	47.2	70.8



#24
 Nitrobenzene
 Concen: 43.610 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.01 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

Tgt Ion	77	Resp	246823
Ion Ratio	Lower	Upper	
77	100		
123	36.1	27.8	41.6
65	16.8	12.4	18.6





#25

Isophorone

Concen: 39.113 ng

RT: 9.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

Instrument :

BNA_G

ClientSampleId :

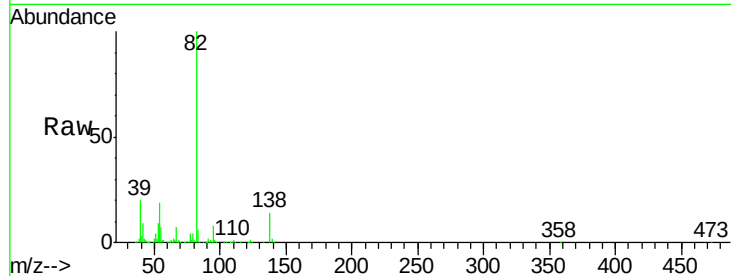
Tot Ion: 82 Resp: 462165

Ion Ratio Lower Upper

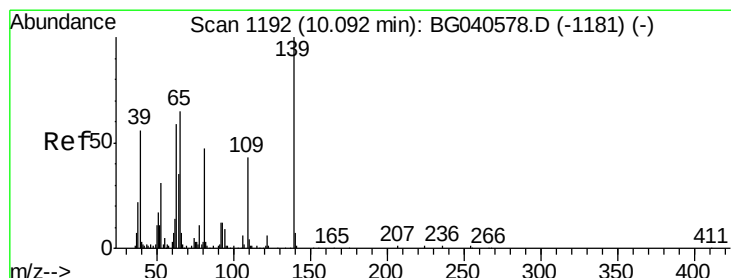
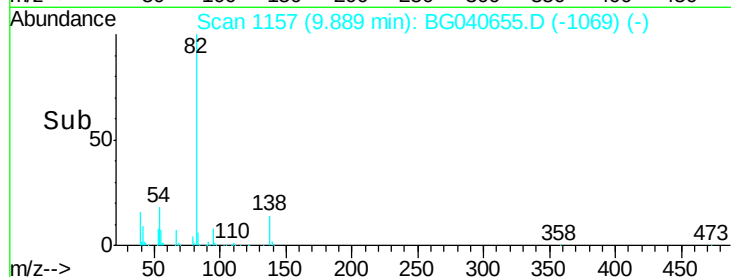
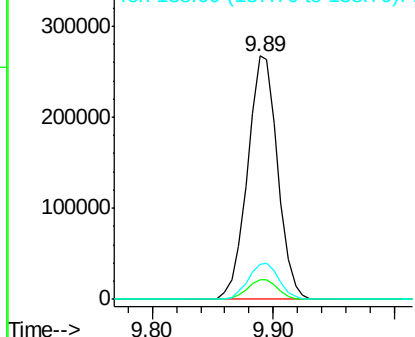
82 100

95 8.2 6.9 10.3

138 14.3 12.3 18.5



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: 44.865 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

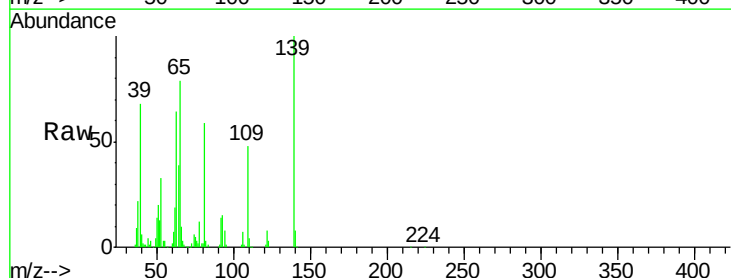
Tgt Ion: 139 Resp: 91022

Ion Ratio Lower Upper

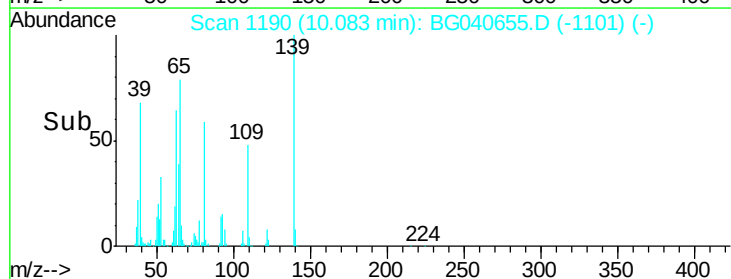
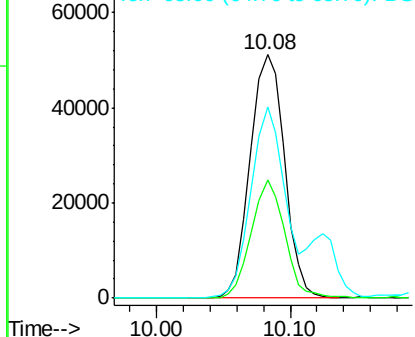
139 100

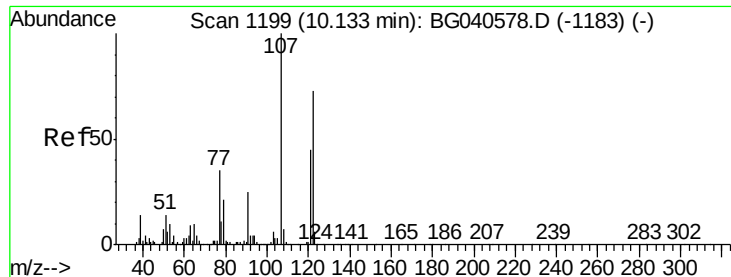
109 48.4 35.6 53.4

65 78.6 52.3 78.5#



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

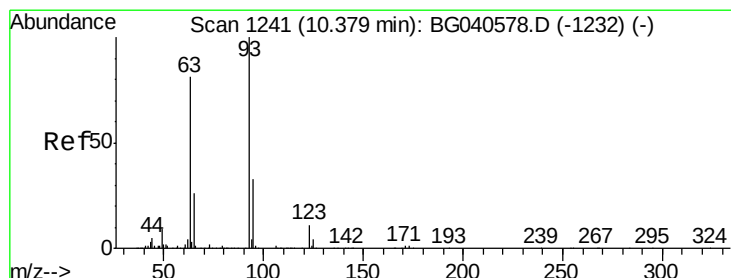
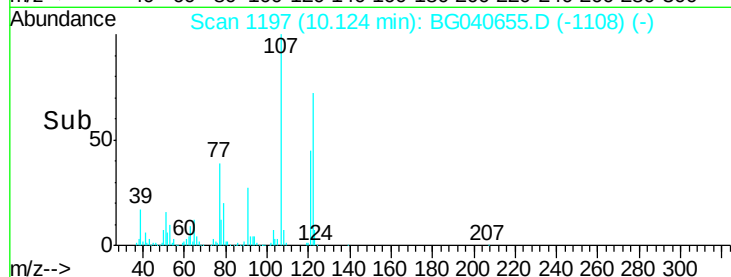
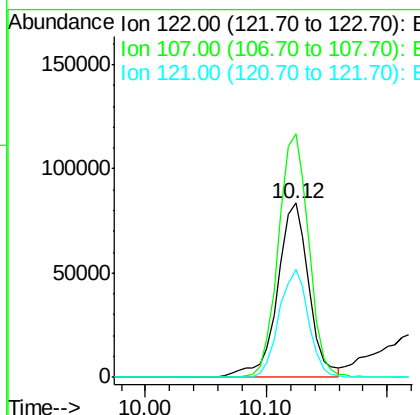
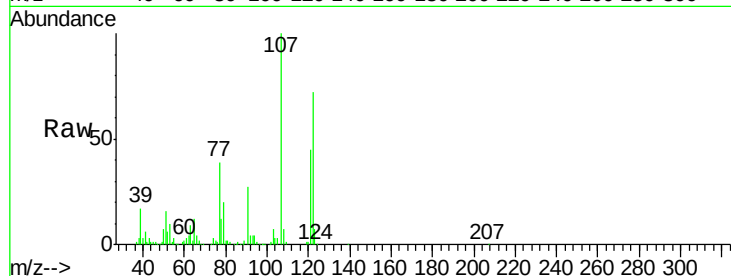




#27
 2,4-Dimethylphenol
 Concen: 39.505 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

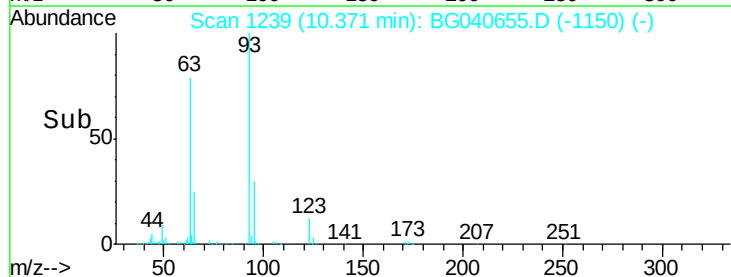
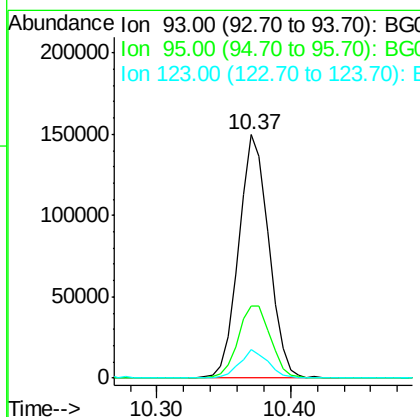
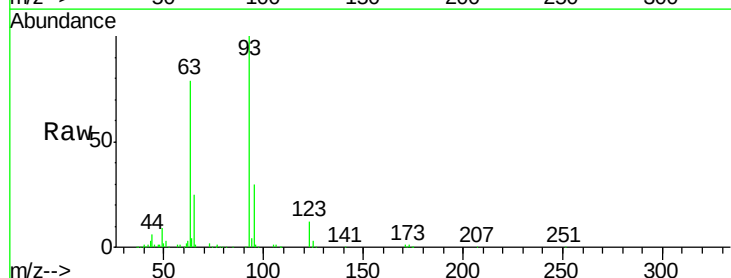
Instrument :
 BNA_G
 ClientSampleId :

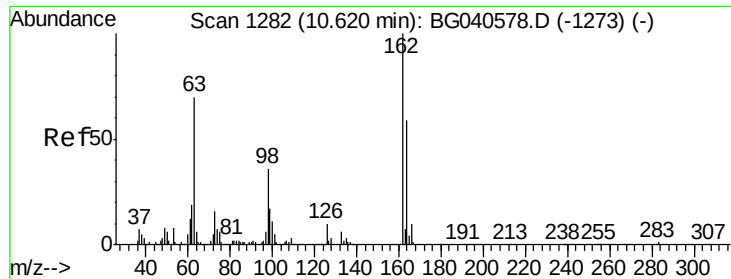
Tot Ion	Ratio	Lower	Upper
122	100		
107	139.8	110.1	165.1
121	62.3	49.4	74.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.280 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.7	26.6	40.0
123	11.6	9.0	13.4

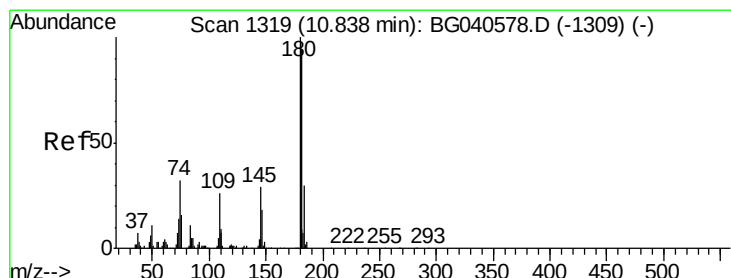
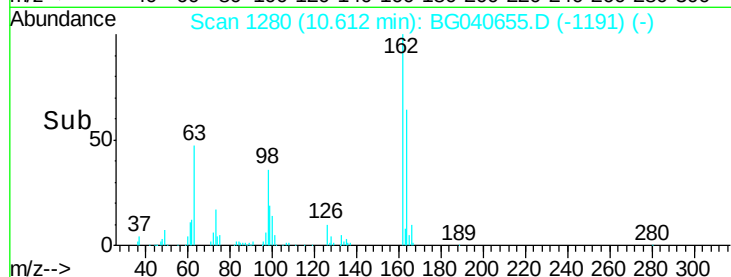
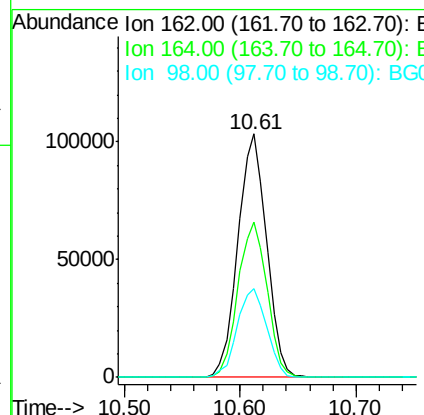
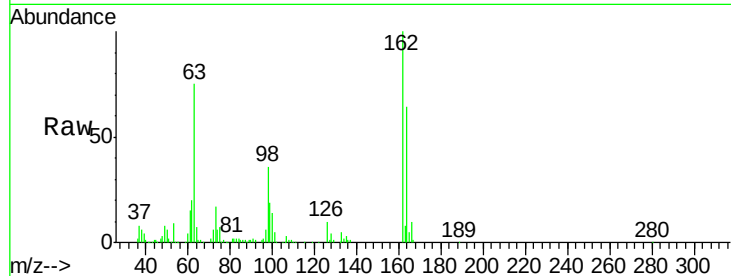




#29
 2,4-Dichlorophenol
 Concen: 41.154 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

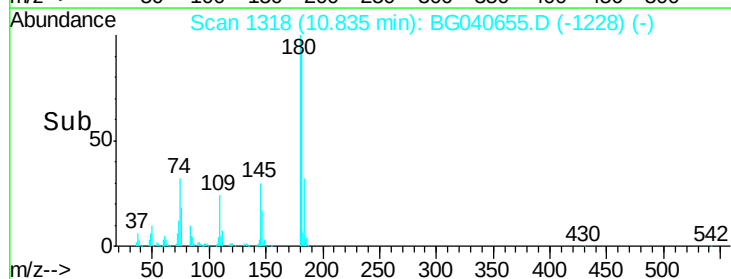
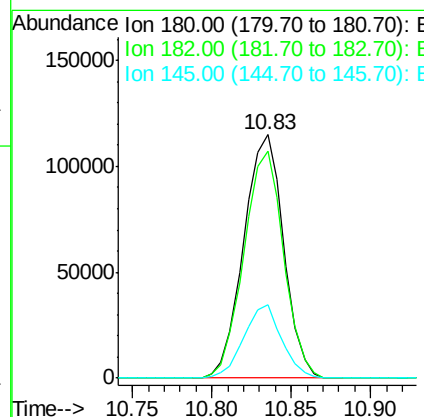
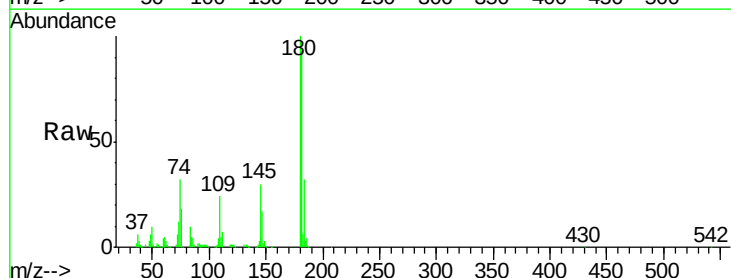
Instrument :
 BNA_G
 ClientSampled :

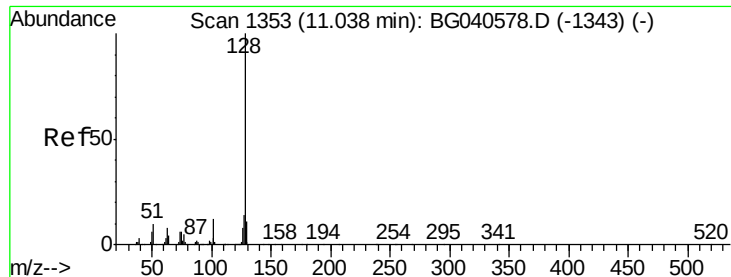
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	38.9	78.9
98	36.3	16.8	56.8



#30
 1,2,4-Trichlorobenzene
 Concen: 41.783 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.2	112.8
145	30.0	23.6	35.4

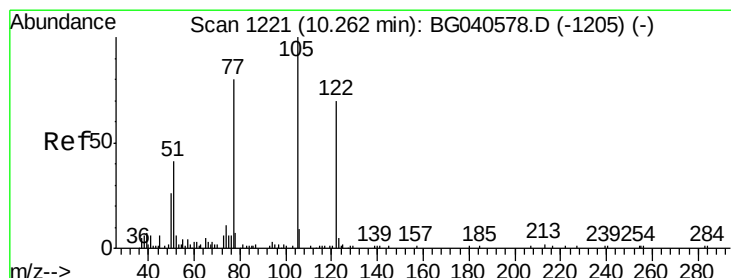
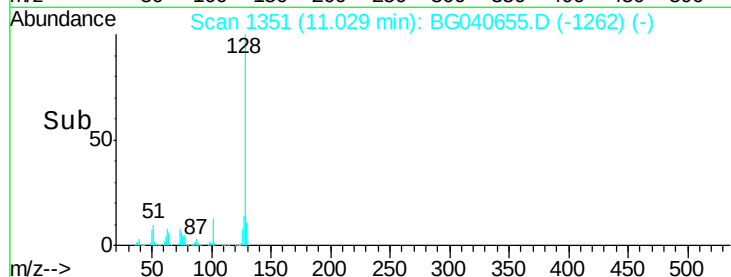
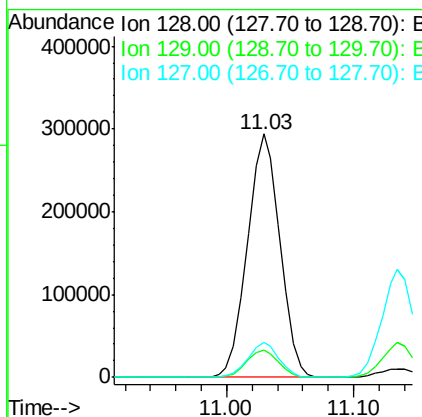
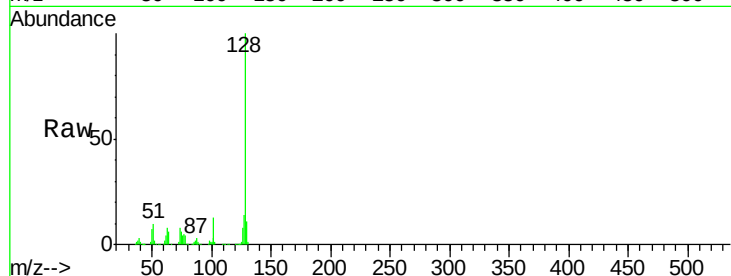




#31
Naphthalene
Concen: 40.156 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG040655.D
Acq: 29 Apr 2019 11:02

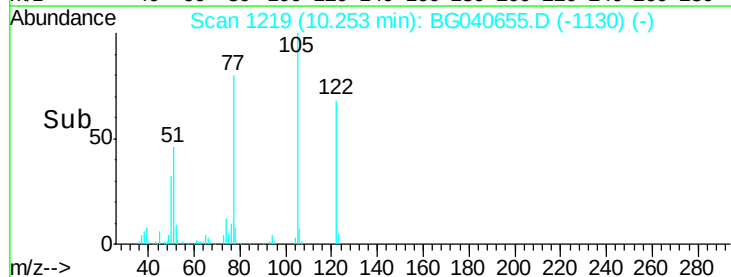
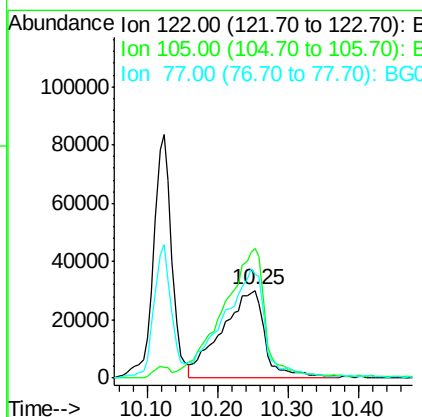
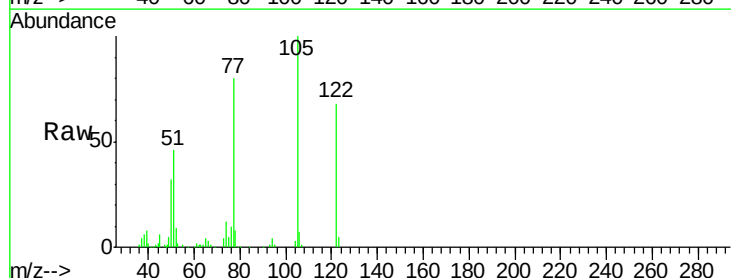
Instrument :
BNA_G
ClientSampleId :

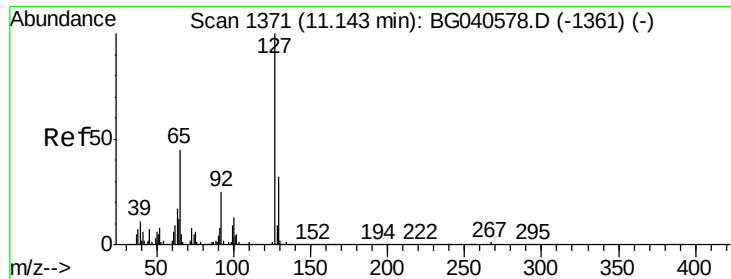
Tot Ion:128	Resp:	522903	
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.0	13.6
127	14.3	11.3	16.9



#32
Benzoic acid
Concen: 49.385 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG040655.D
Acq: 29 Apr 2019 11:02

Tgt	Ion:122	Resp:	128691
Ion	Ratio	Lower	Upper
122	100		
105	146.9	110.9	150.9
77	117.8	87.6	127.6

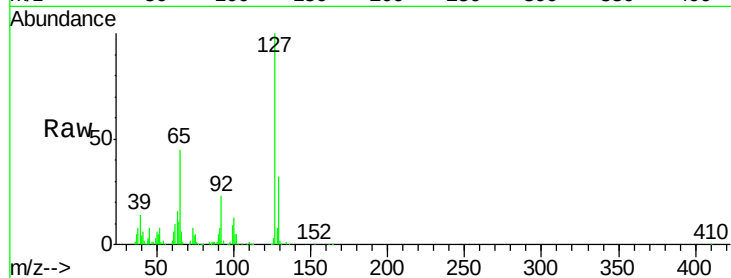




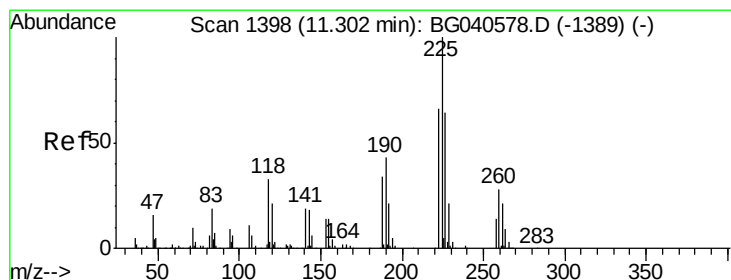
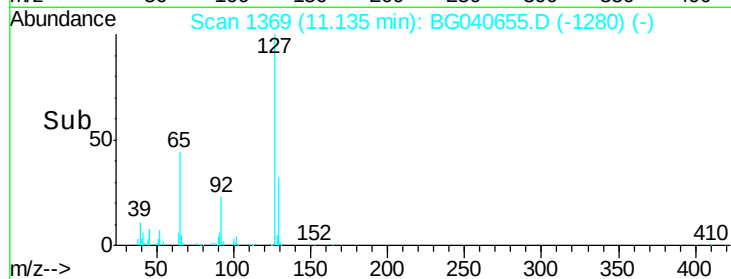
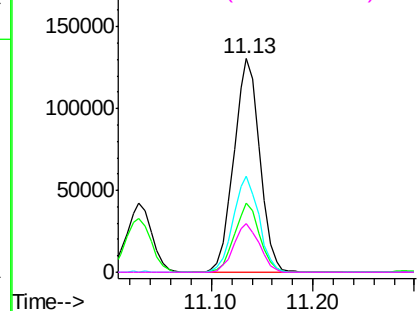
#33
4-Chloroaniline
Concen: 39.951 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG040655.D
Acq: 29 Apr 2019 11:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	230659
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	44.8	36.1	54.1
92	22.7	20.1	30.1

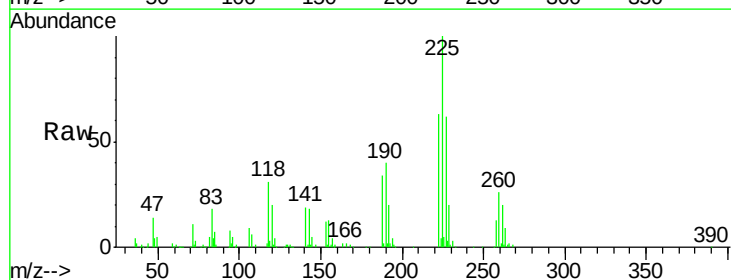


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

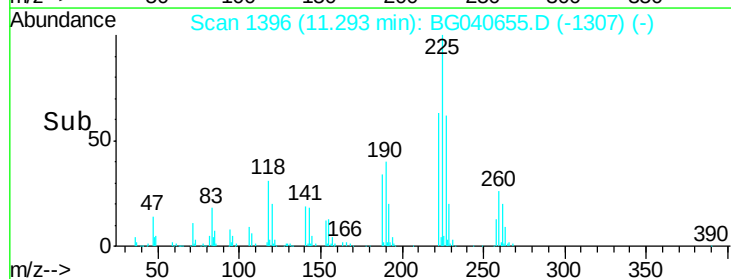
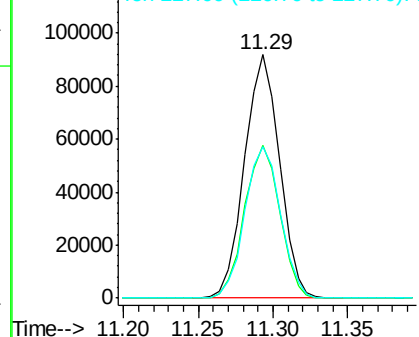


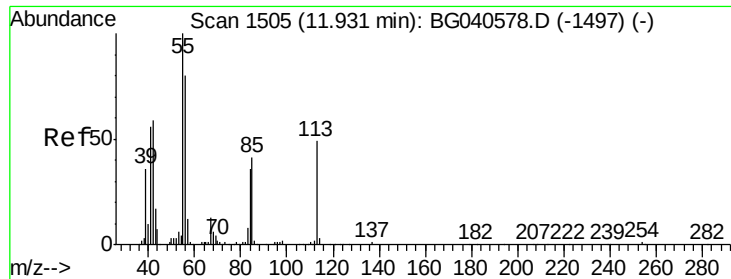
#34
Hexachlorobutadiene
Concen: 42.060 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG040655.D
Acq: 29 Apr 2019 11:02

Tgt Ion:	225	Resp:	149015
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.4	75.6
227	62.0	51.0	76.6



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

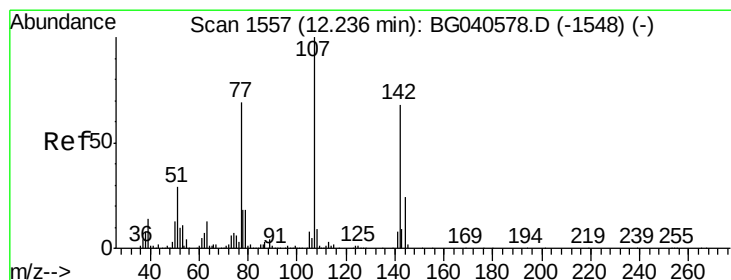
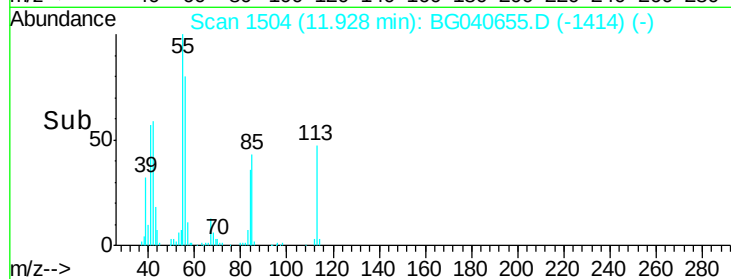
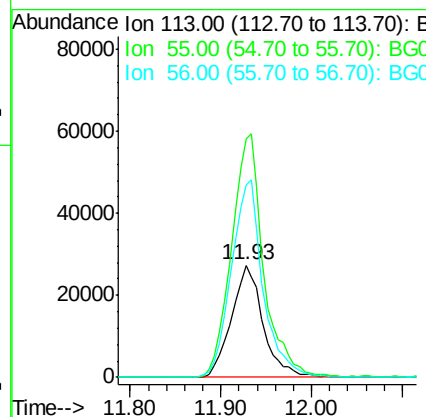
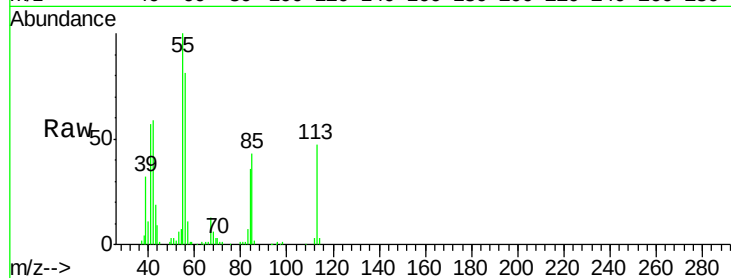




#35
 Caprolactam
 Concen: 38.885 ng
 RT: 11.93 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

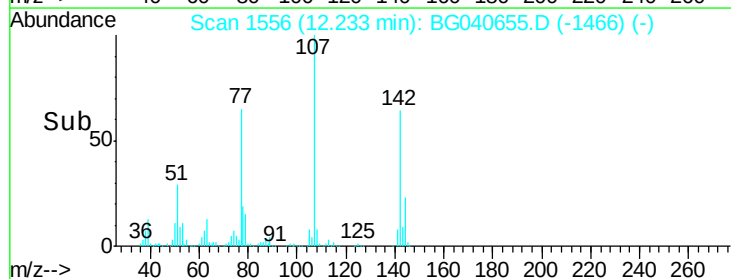
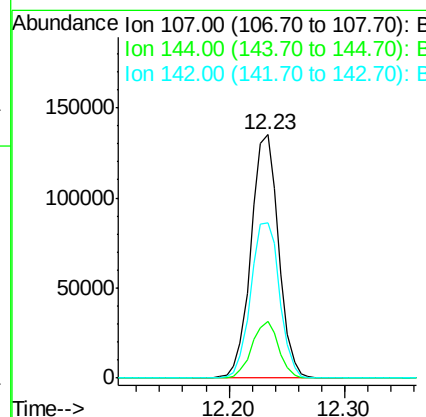
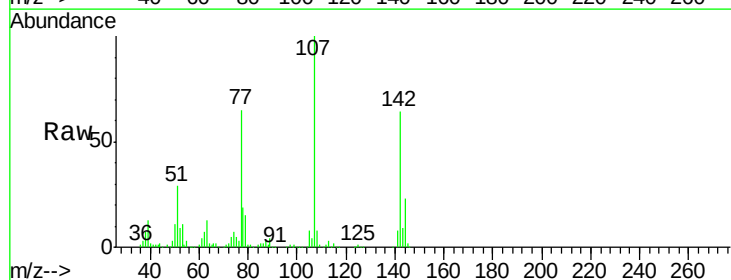
Instrument :
 BNA_G
 ClientSampled :

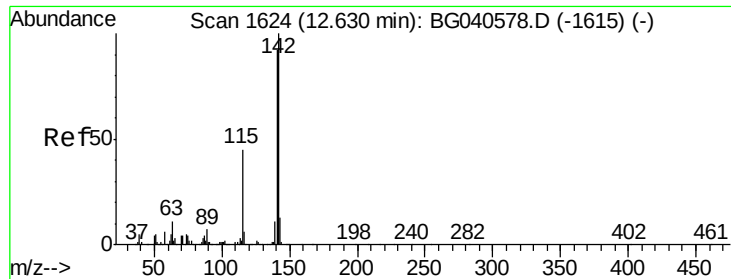
Tot Ion:113 Resp: 66437
 Ion Ratio Lower Upper
 113 100
 55 212.9 198.6 238.6
 56 171.6 148.4 188.4



#36
 4-Chloro-3-methylphenol
 Concen: 41.252 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

Tgt Ion:107 Resp: 225202
 Ion Ratio Lower Upper
 107 100
 144 23.1 19.3 28.9
 142 64.0 54.6 81.8

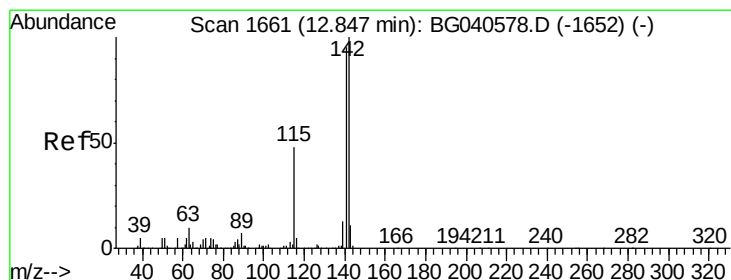
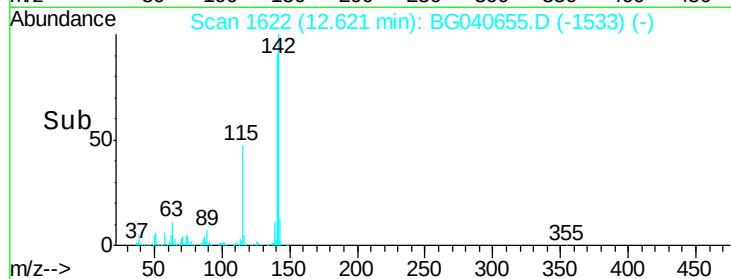
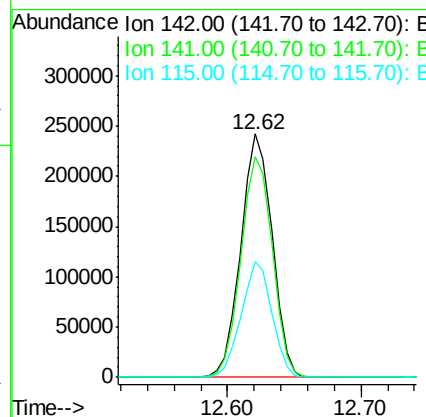
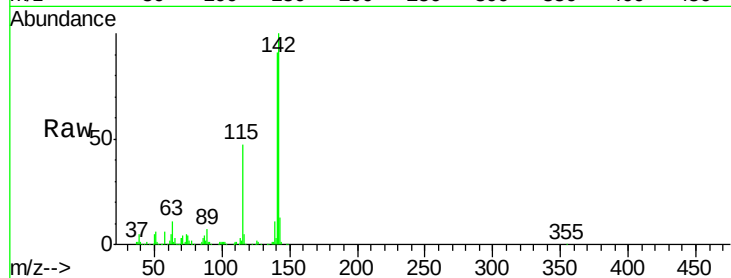




#37
 2-Methylnaphthalene
 Concen: 40.371 ng
 RT: 12.62 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

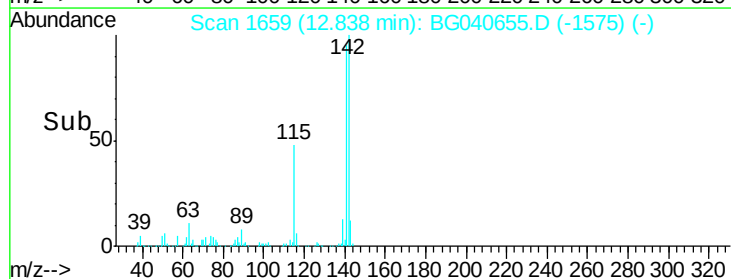
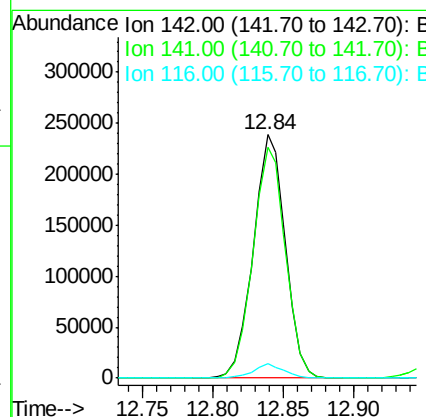
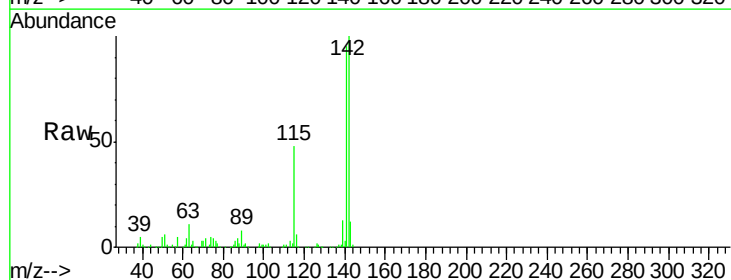
Instrument :
 BNA_G
 ClientSampleId :

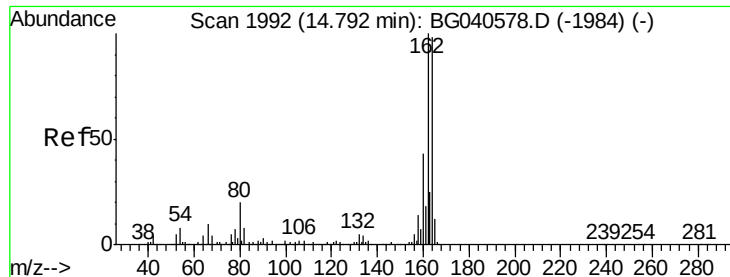
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.4	110.2
115	47.3	36.2	54.4



#38
 1-Methylnaphthalene
 Concen: 39.918 ng
 RT: 12.84 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	75.9	113.9
116	5.9	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

Instrument :

BNA_G

ClientSampleId :

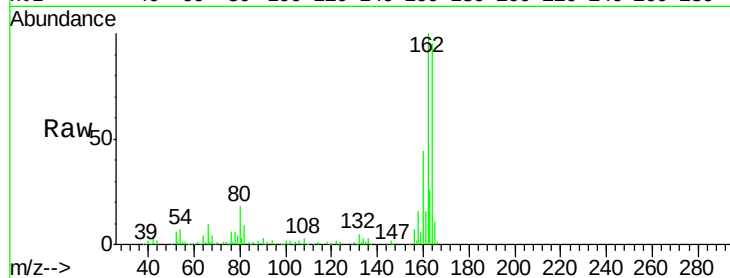
Tot Ion:164 Resp: 179066

Ion Ratio Lower Upper

164 100

162 104.8 81.9 122.9

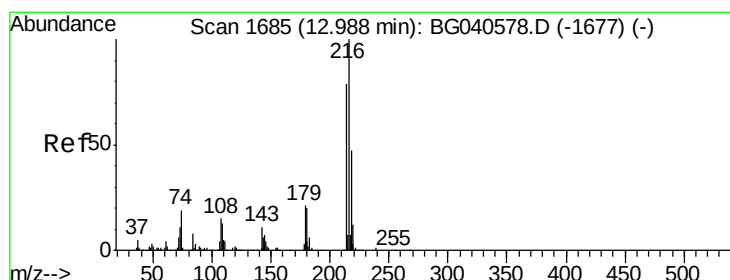
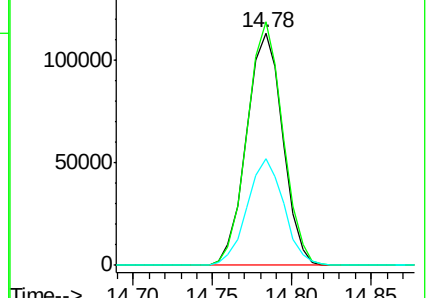
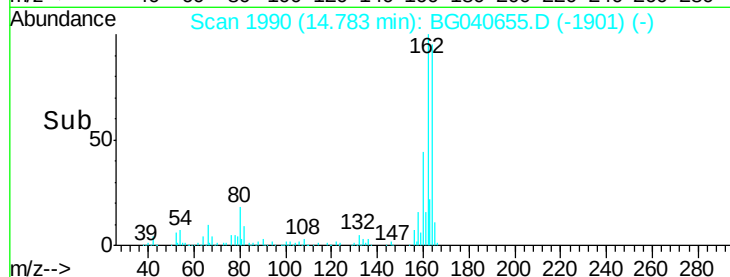
160 45.8 35.4 53.2



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.459 ng

RT: 12.98 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

Tgt Ion:216 Resp: 263220

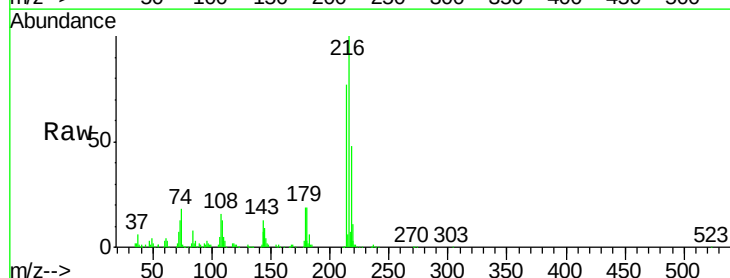
Ion Ratio Lower Upper

216 100

214 79.1 63.7 95.5

179 19.8 16.6 24.8

108 17.7 14.7 22.1

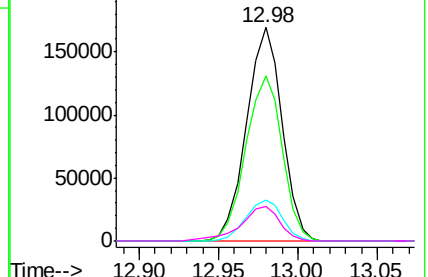
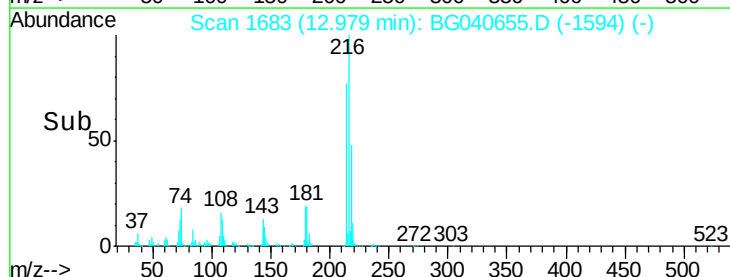


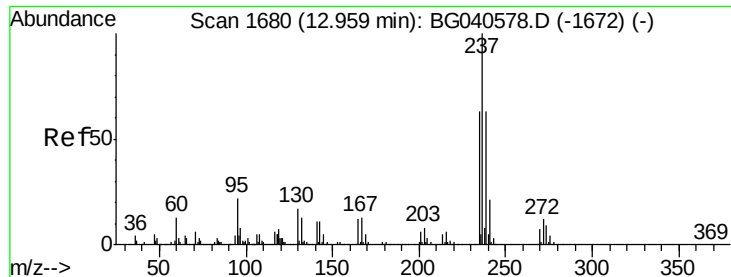
Abundance Ion 216.00 (215.70 to 216.70): E

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

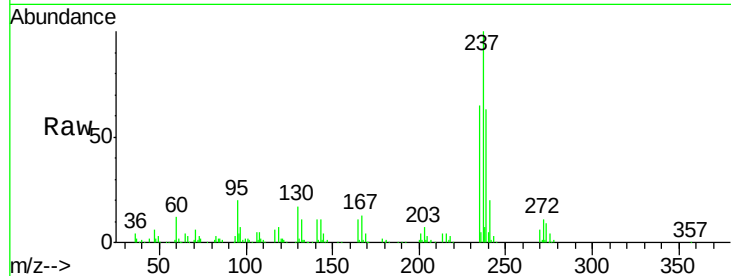




#41
Hexachlorocyclopentadiene
Concen: 33.966 ng
RT: 12.95 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BG040655.D
Acq: 29 Apr 2019 11:02

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
237	100		
235	65.2	42.5	82.5
272	11.3	0.0	31.6

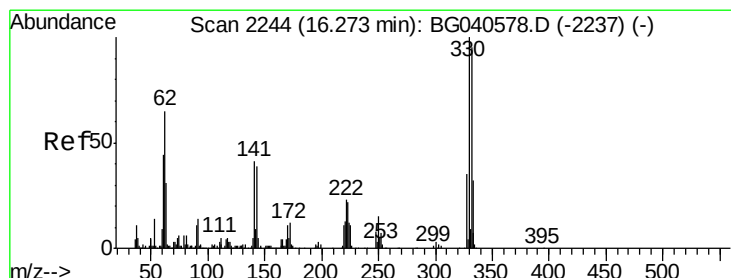
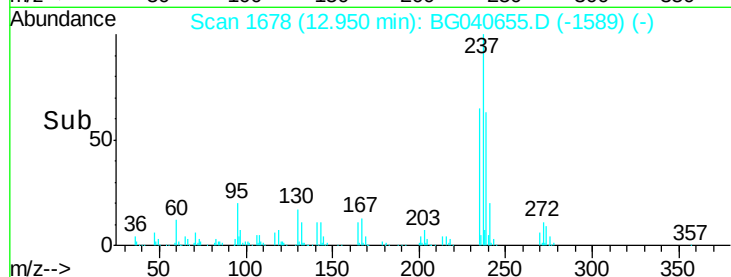
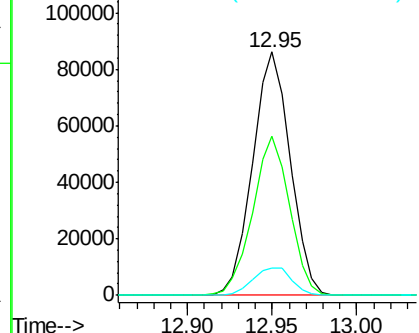


Abundance

Ion 236.80 (236.50 to 237.50): E

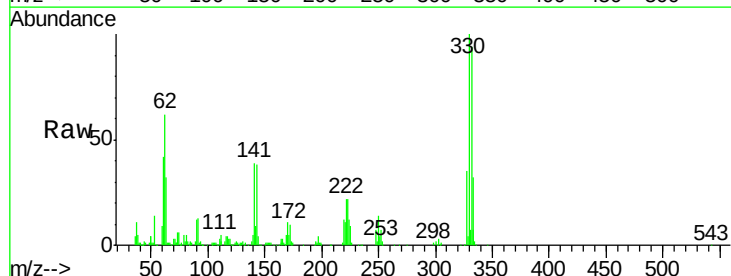
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 82.193 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BG040655.D
Acq: 29 Apr 2019 11:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.9	113.9
141	40.7	32.4	48.6

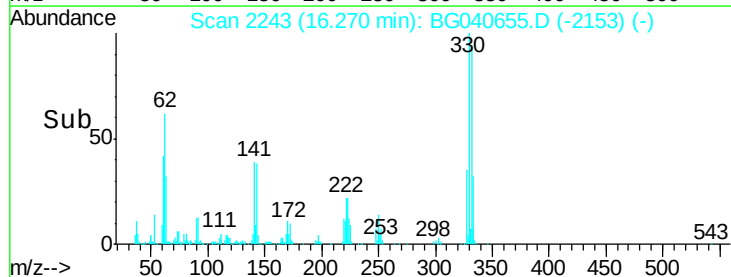
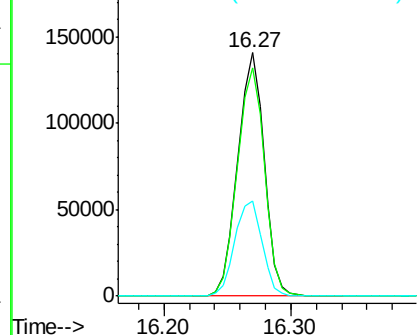


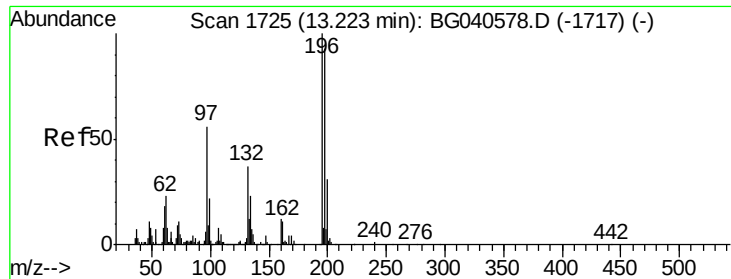
Abundance

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

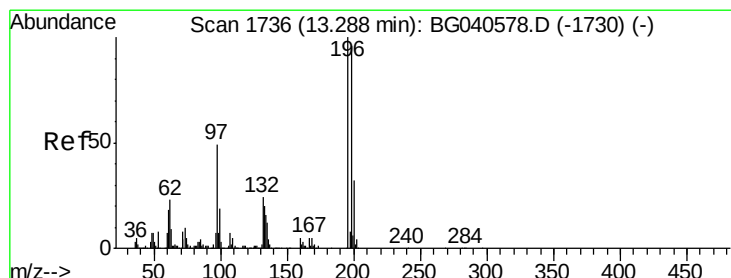
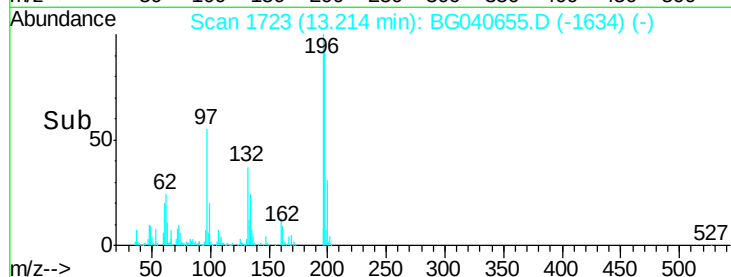
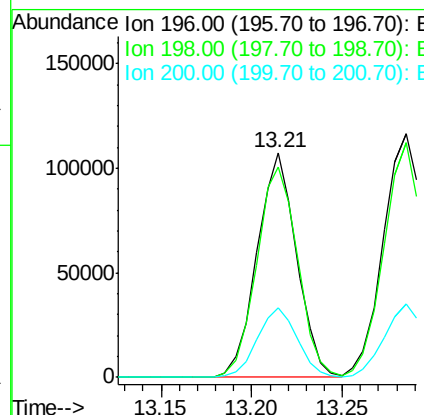
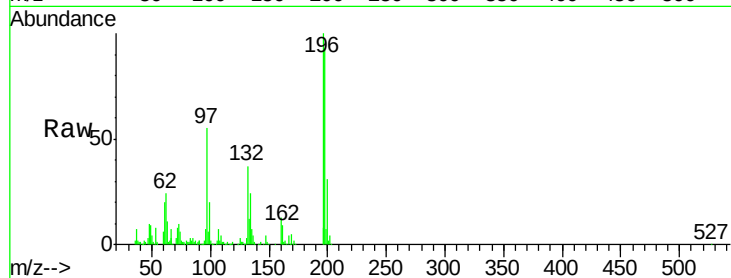




#43
 2,4,6-Trichlorophenol
 Concen: 40.377 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

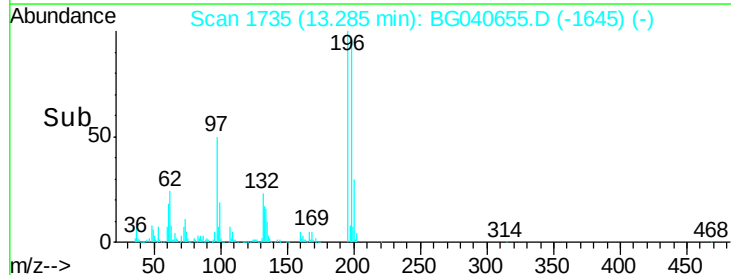
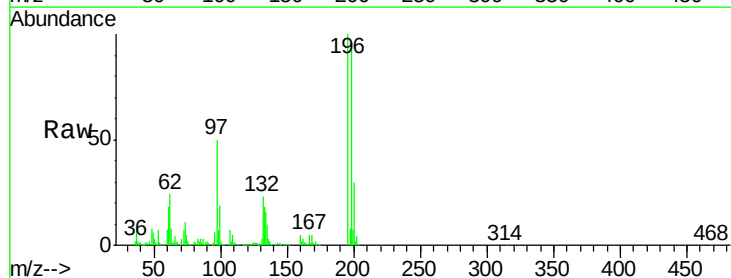
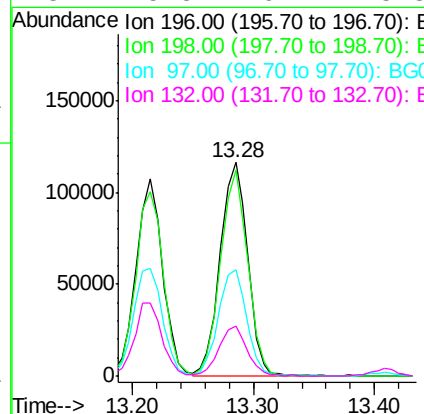
Instrument :
 BNA_G
 ClientSampleId :

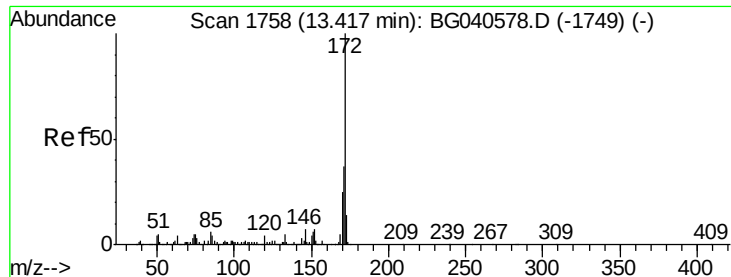
Tot Ion	196	Resp	162765
Ion Ratio	Lower	Upper	
196	100		
198	93.5	74.8	112.2
200	31.0	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.587 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

Tgt Ion	196	Resp	182620
Ion Ratio	Lower	Upper	
196	100		
198	96.2	77.0	115.6
97	49.7	40.0	60.0
132	23.3	19.2	28.8





#45

2-Fluorobiphenyl

Concen: 78.872 ng

RT: 13.41 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

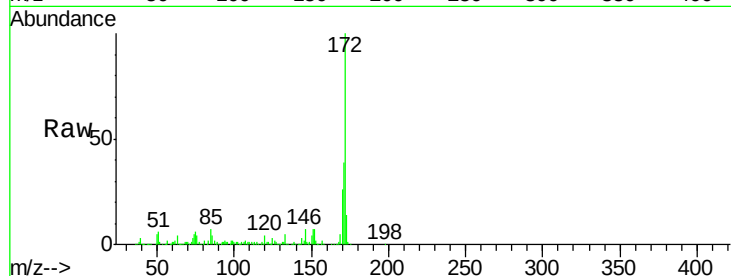
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 977928

Ion	Ratio	Lower	Upper
172	100		
171	38.6	29.4	44.2
170	26.1	19.9	29.9

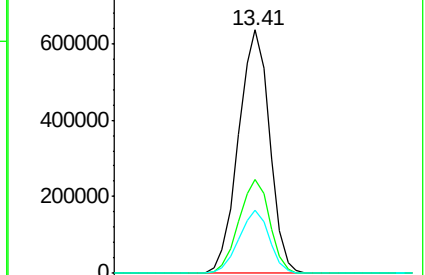
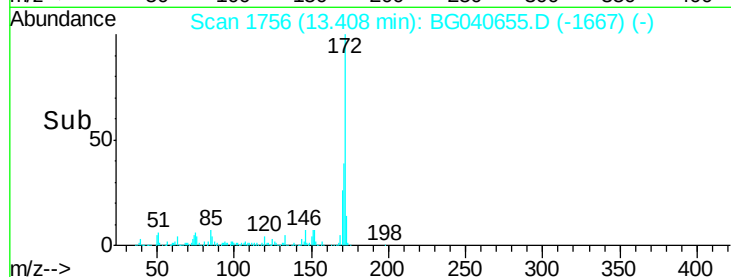


Abundance Ion 172.00 (171.70 to 172.70): E

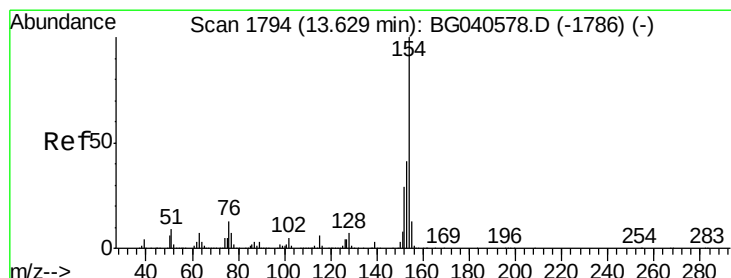
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

13.41



Time-->



#46

1,1'-Biphenyl

Concen: 38.269 ng

RT: 13.62 min Scan# 1792

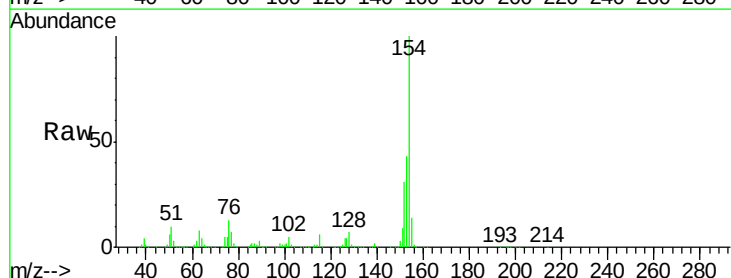
Delta R.T. -0.01 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

Tgt Ion:154 Resp: 532044

Ion	Ratio	Lower	Upper
154	100		
153	43.5	20.5	60.5
76	13.0	0.0	32.5

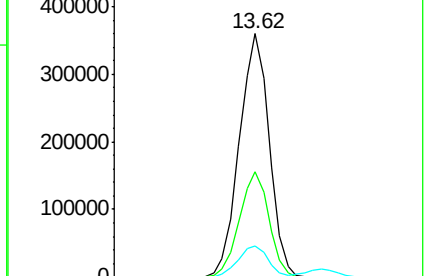
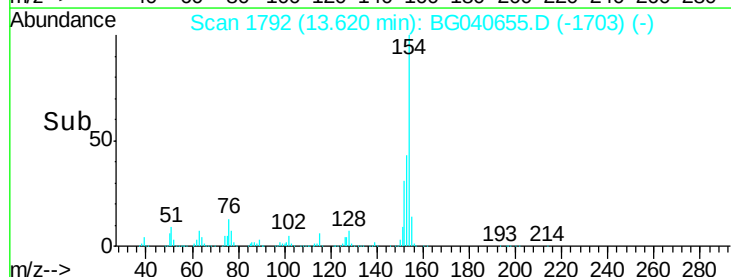


Abundance Ion 154.00 (153.70 to 154.70): E

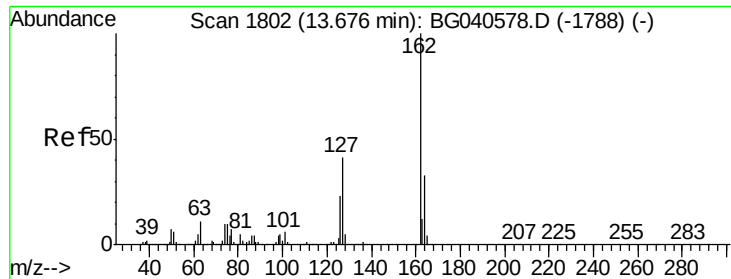
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

13.62



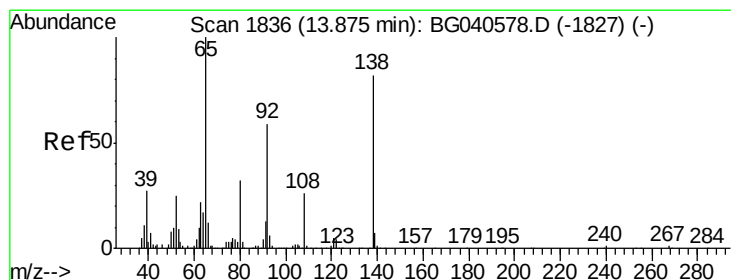
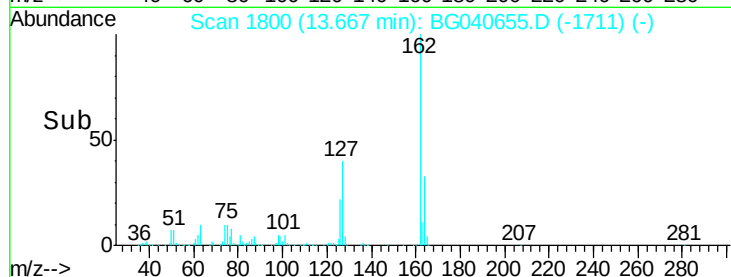
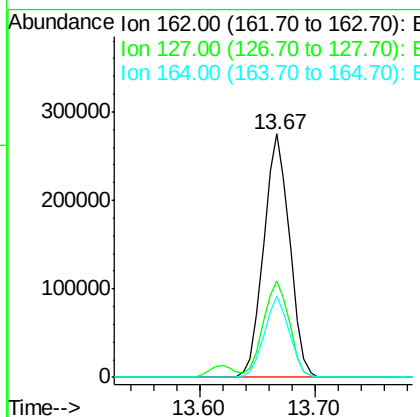
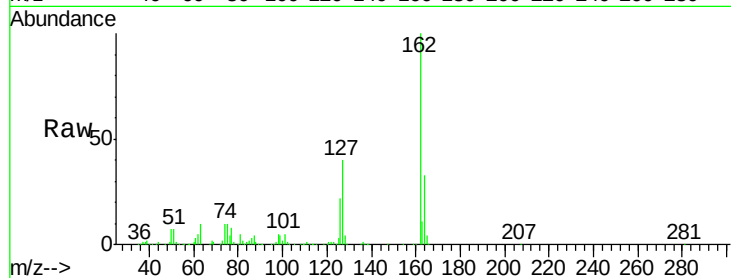
Time-->



#47
 2-Chloronaphthalene
 Concen: 39.538 ng
 RT: 13.67 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

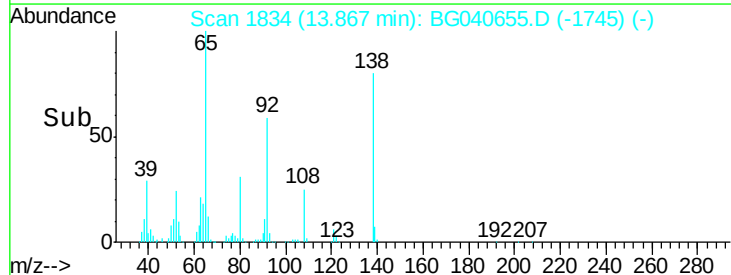
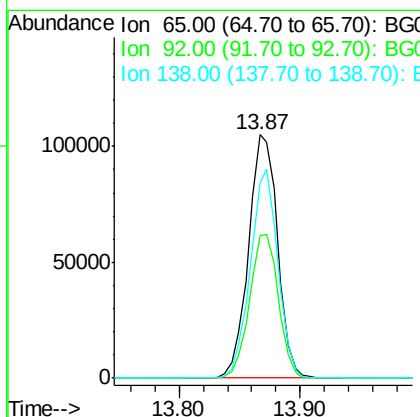
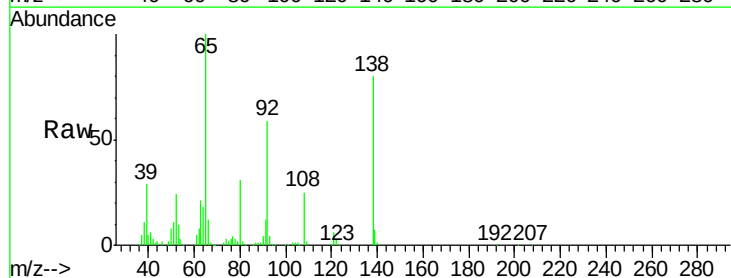
Instrument :
 BNA_G
 ClientSampleId :

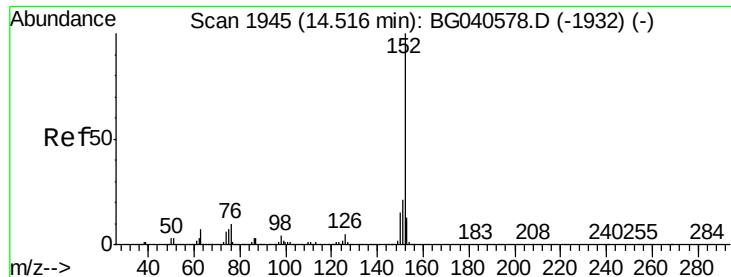
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	33.0	49.4
164	33.4	26.8	40.2



#48
 2-Nitroaniline
 Concen: 45.391 ng
 RT: 13.87 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.5	47.4	71.0
138	80.1	66.1	99.1





#49

Acenaphthylene

Concen: 38.784 ng

RT: 14.51 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

Instrument :

BNA_G

ClientSampleId :

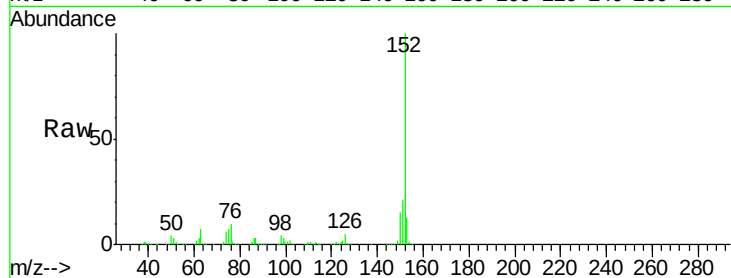
Tot Ion:152 Resp: 715931

Ion Ratio Lower Upper

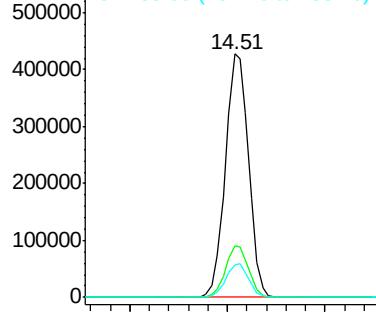
152 100

151 21.3 17.2 25.8

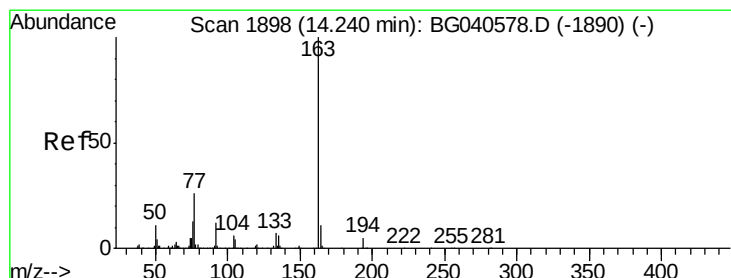
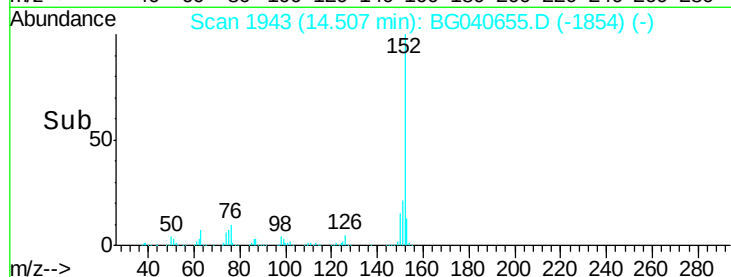
153 13.5 10.7 16.1



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



Time-->



#50

Dimethylphthalate

Concen: 39.302 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

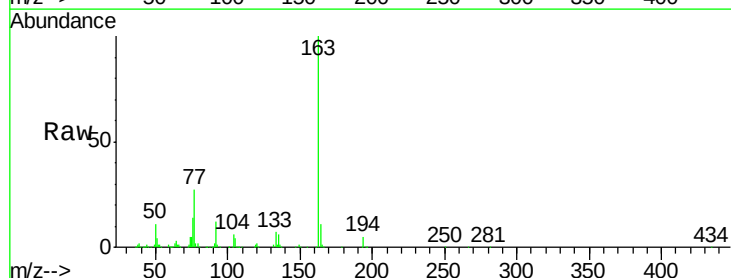
Tgt Ion:163 Resp: 588825

Ion Ratio Lower Upper

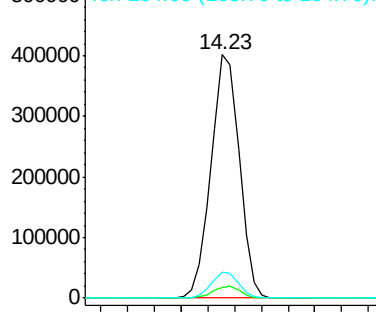
163 100

194 4.6 3.8 5.8

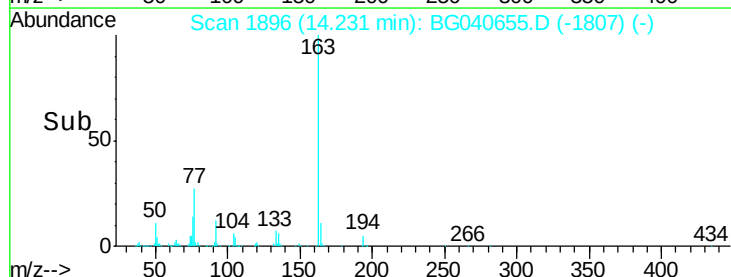
164 10.7 8.8 13.2

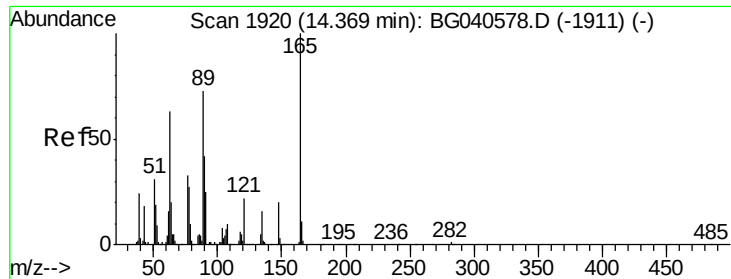


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->

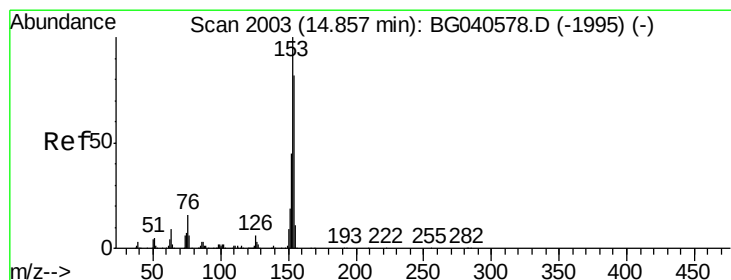
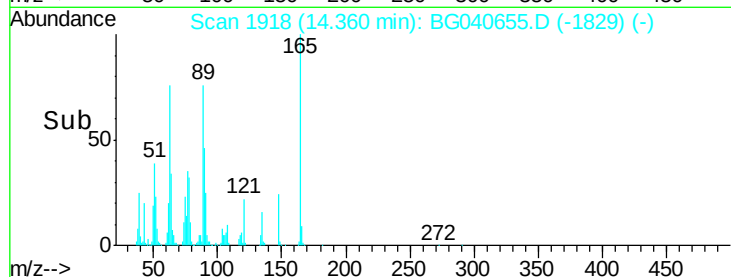
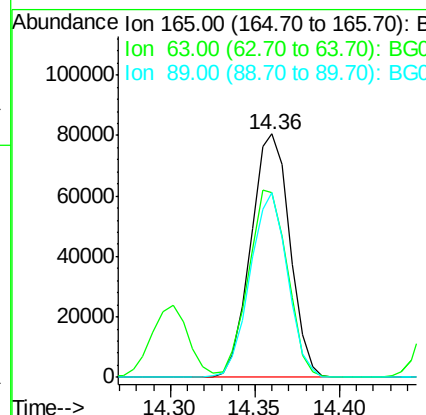
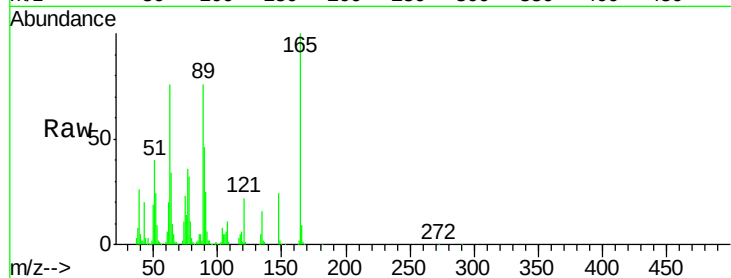




#51
 2,6-Dinitrotoluene
 Concen: 43.976 ng
 RT: 14.36 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

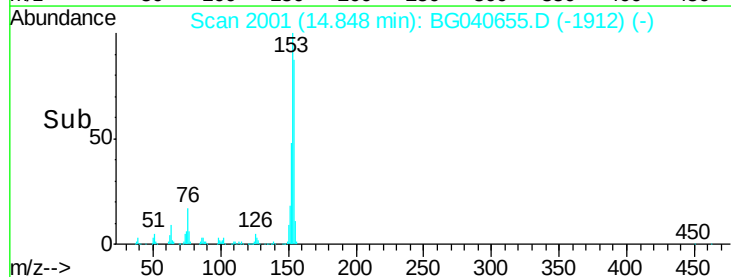
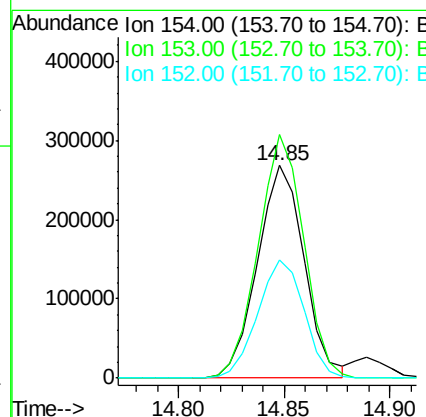
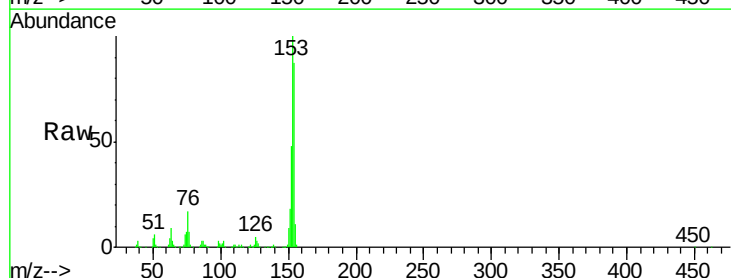
Instrument :
 BNA_G
 ClientSampleId :

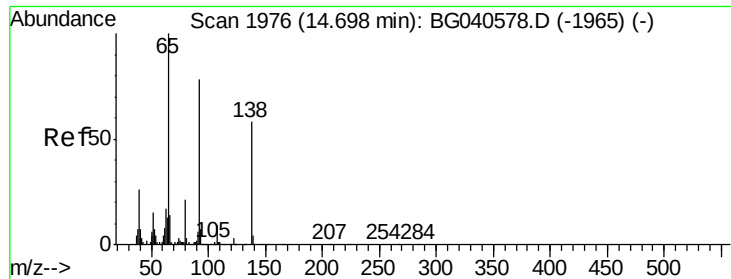
Tot Ion:165 Resp: 128588
 Ion Ratio Lower Upper
 165 100
 63 76.1 61.0 91.4
 89 75.7 58.6 87.8



#52
 Acenaphthene
 Concen: 38.452 ng
 RT: 14.85 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

Tgt Ion:154 Resp: 413368
 Ion Ratio Lower Upper
 154 100
 153 114.6 97.0 145.6
 152 55.4 44.1 66.1

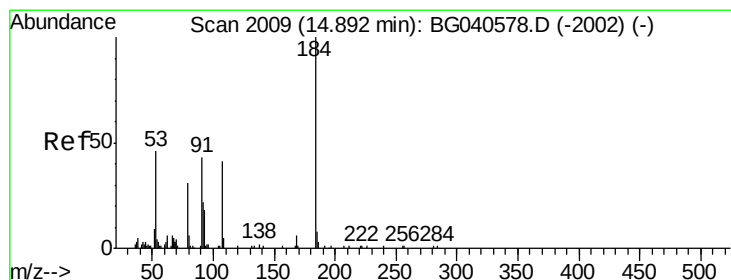
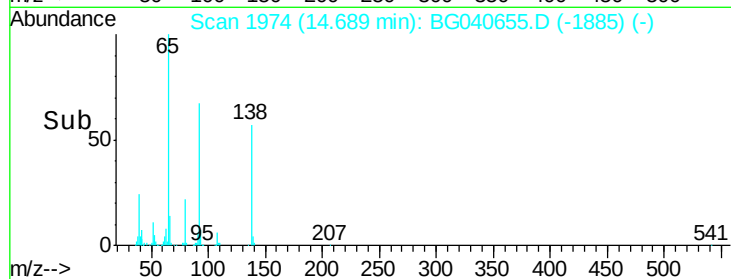
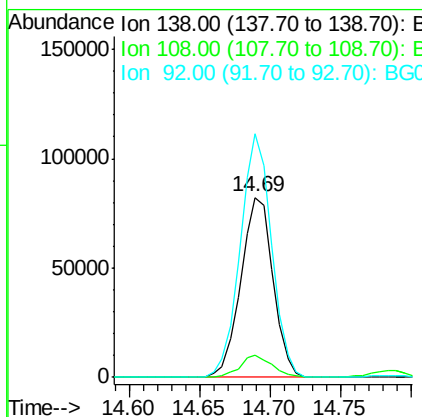
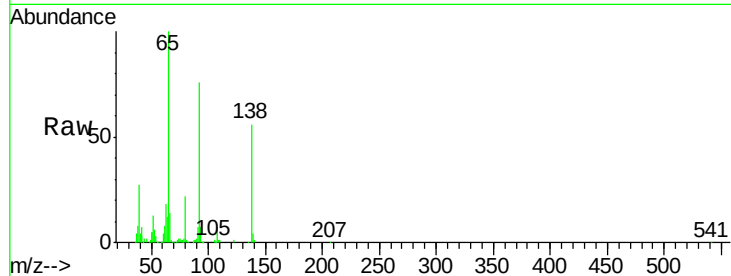




#53
 3-Nitroaniline
 Concen: 43.934 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

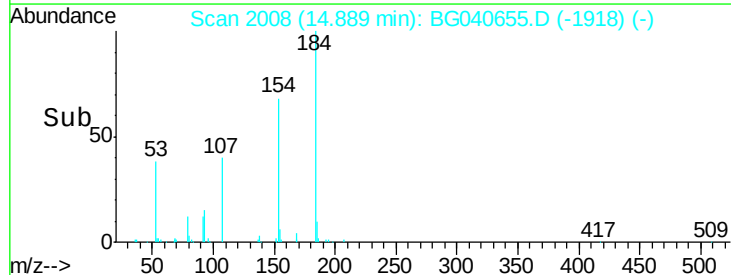
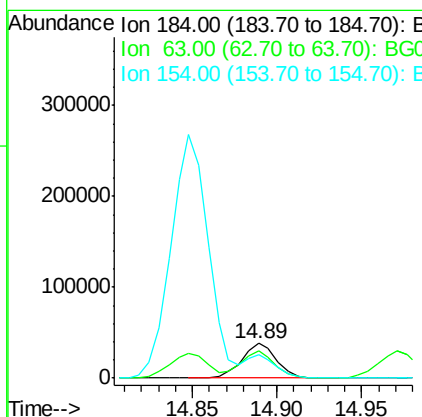
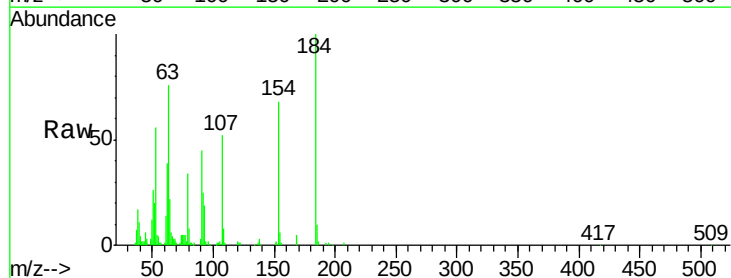
Instrument :
 BNA_G
 ClientSampled :

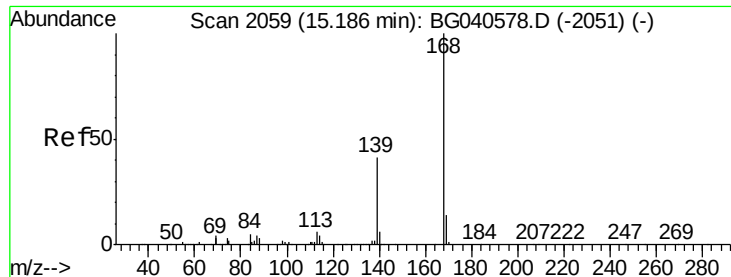
Tot Ion:138 Resp: 131627
 Ion Ratio Lower Upper
 138 100
 108 12.1 12.4 18.6#
 92 135.6 108.6 162.8



#54
 2,4-Dinitrophenol
 Concen: 37.396 ng
 RT: 14.89 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

Tgt Ion:184 Resp: 54919
 Ion Ratio Lower Upper
 184 100
 63 76.4 51.8 77.6
 154 67.6 43.6 65.4#





#55

Dibenzofuran

Concen: 39.125 ng

RT: 15.18 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

Instrument :

BNA_G

ClientSampled :

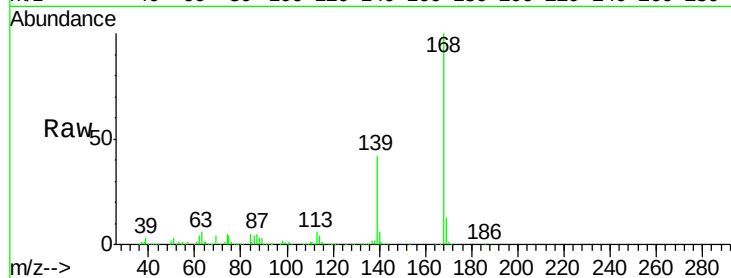
Tot Ion:168 Resp: 688914

Ion Ratio Lower Upper

168 100

139 42.5 33.0 49.4

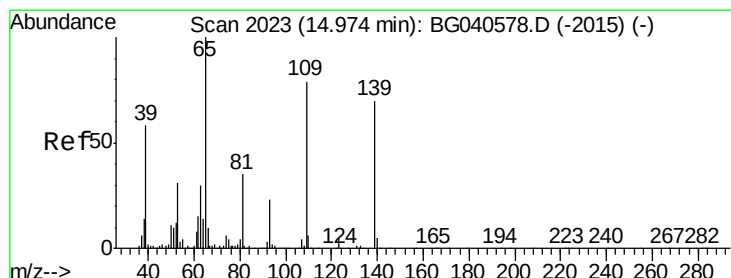
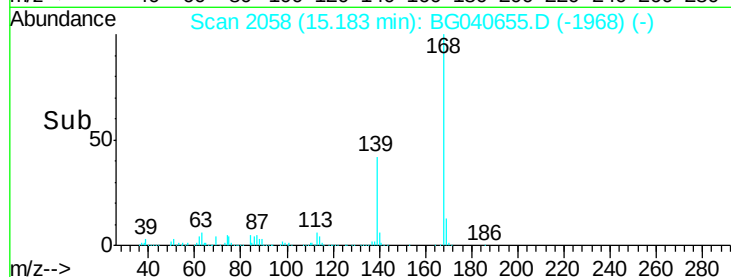
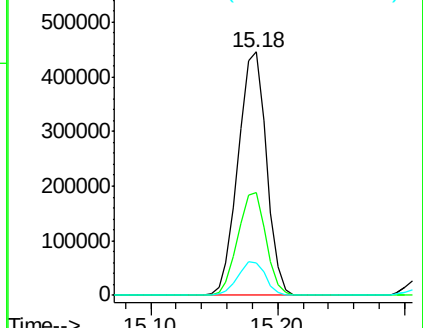
169 13.2 11.0 16.4



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



#56

4-Nitrophenol

Concen: 40.879 ng

RT: 14.97 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

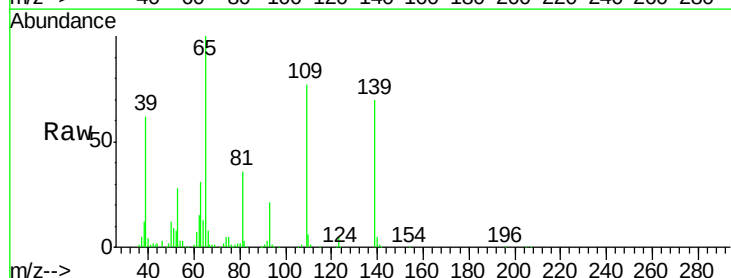
Tgt Ion:139 Resp: 106198

Ion Ratio Lower Upper

139 100

109 111.1 93.8 133.8

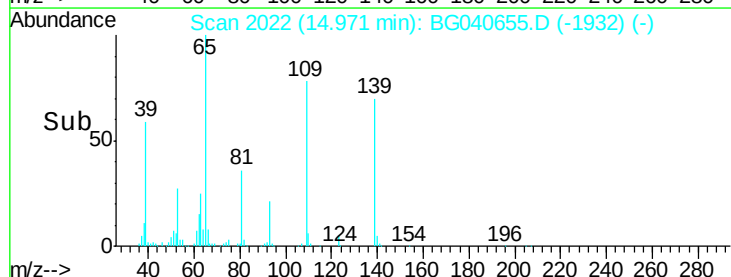
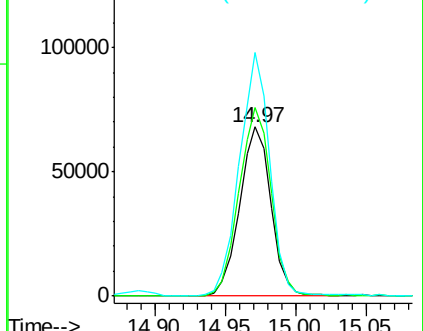
65 143.9 122.7 162.7

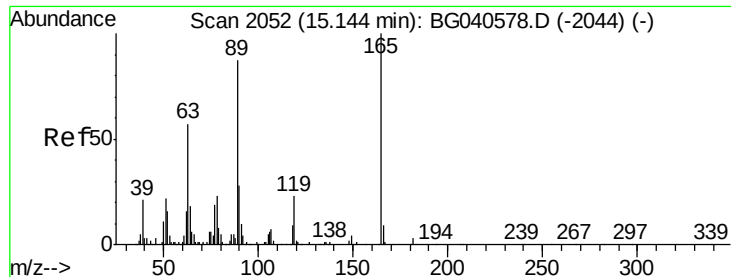


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





#57

2,4-Dinitrotoluene

Concen: 46.544 ng

RT: 15.14 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG040655.D

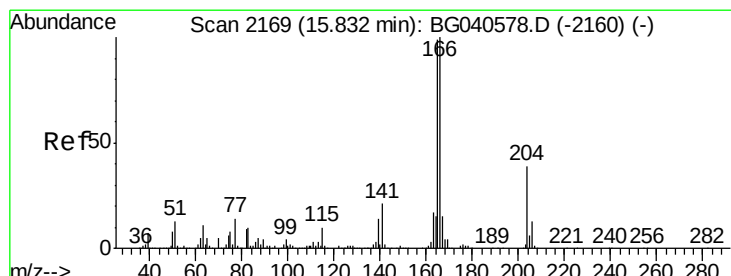
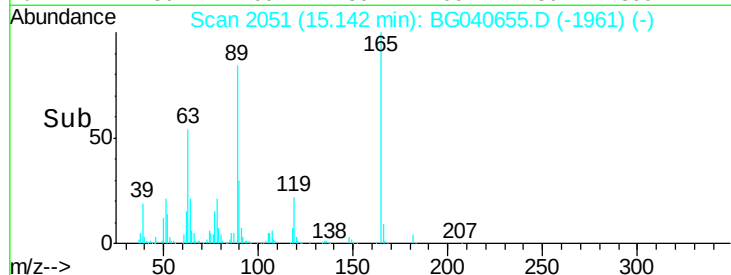
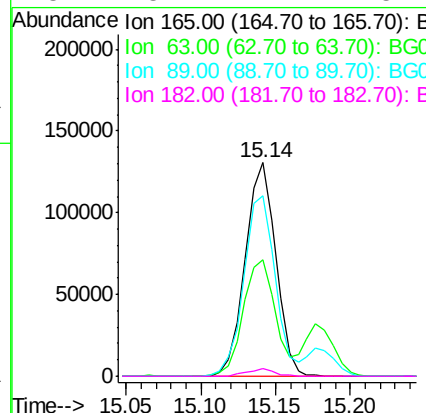
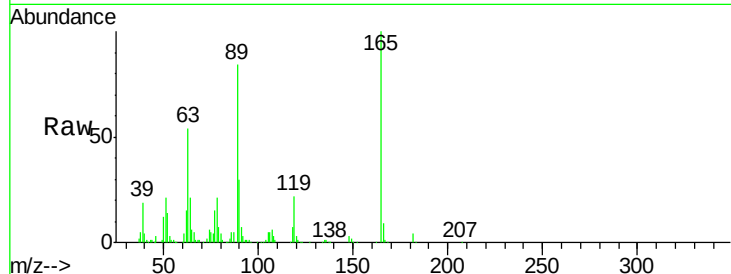
Acq: 29 Apr 2019 11:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165	Resp:	184932
Ion Ratio	Lower	Upper
165	100	
63	54.3	45.8 68.8
89	84.3	69.4 104.2
182	3.7	2.2 3.4#



#58

Fluorene

Concen: 38.823 ng

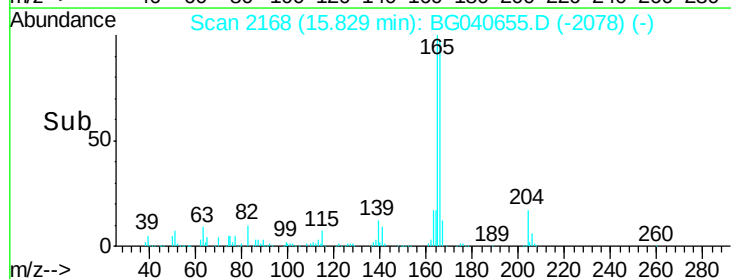
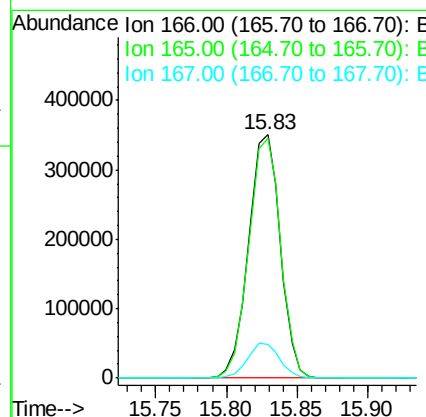
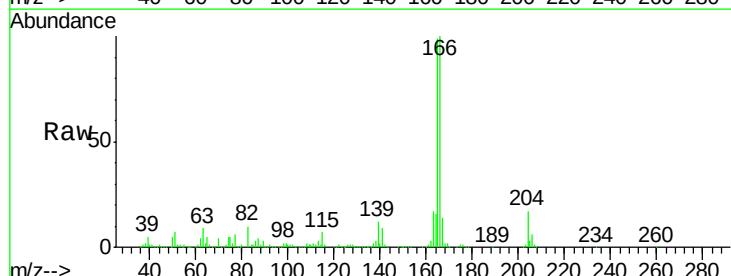
RT: 15.83 min Scan# 2168

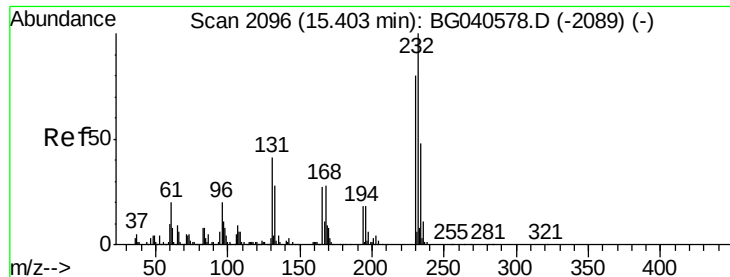
Delta R.T. -0.00 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

Tgt Ion:166	Resp:	552532
Ion Ratio	Lower	Upper
166	100	
165	98.6	79.6 119.4
167	14.0	12.2 18.2

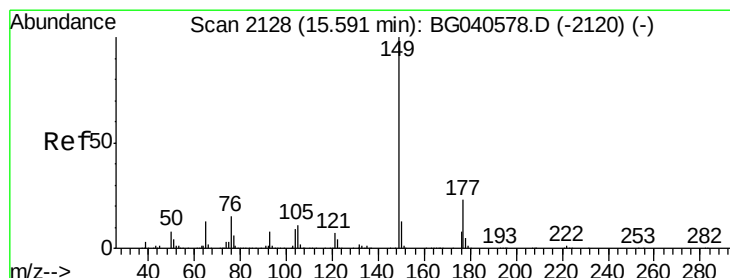
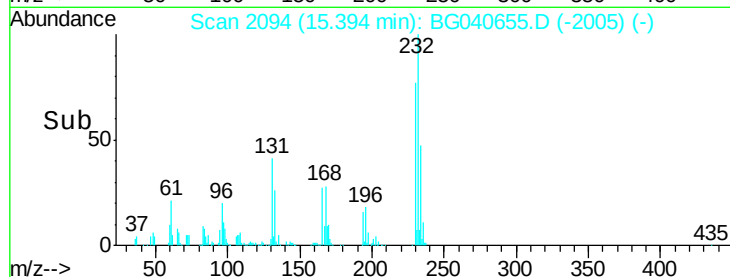
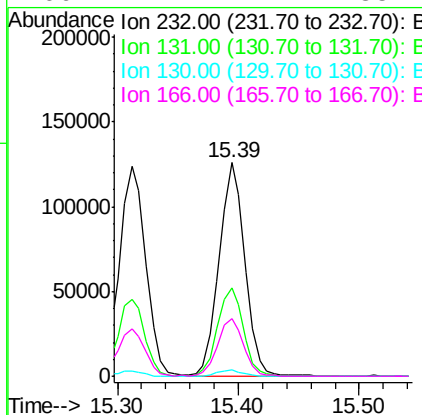
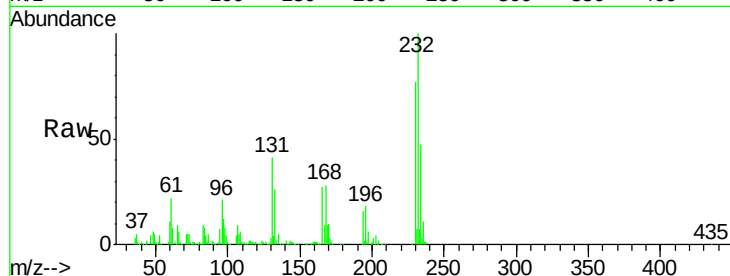




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.606 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

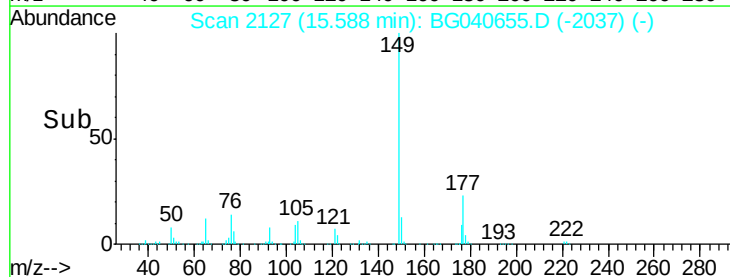
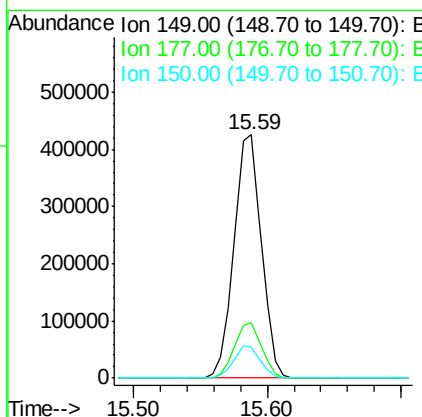
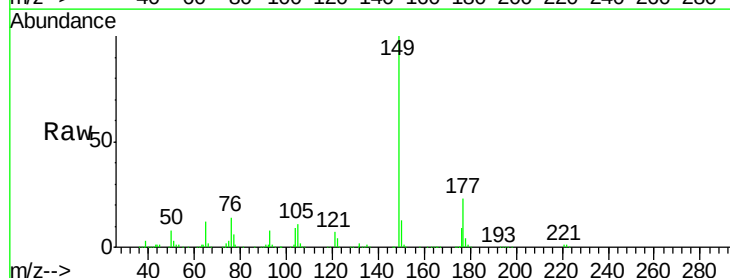
Instrument :
 BNA_G
 ClientSampleId :

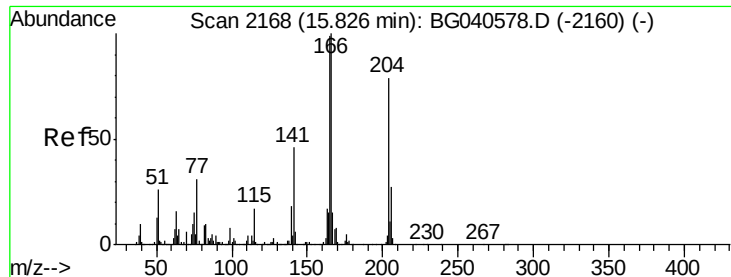
Tot Ion:	232	Resp:	183897
Ion	Ratio	Lower	Upper
232	100		
131	41.7	33.0	49.4
130	2.8	2.0	3.0
166	27.2	22.1	33.1



#60
 Diethylphthalate
 Concen: 38.436 ng
 RT: 15.59 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

Tgt Ion:	149	Resp:	607567
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.5	27.7
150	13.0	10.2	15.4

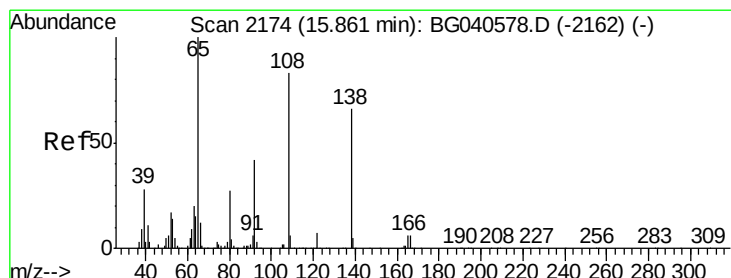
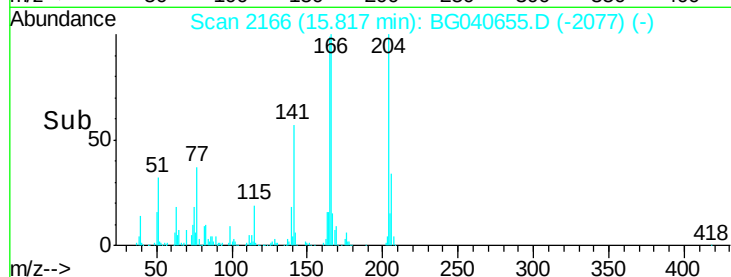
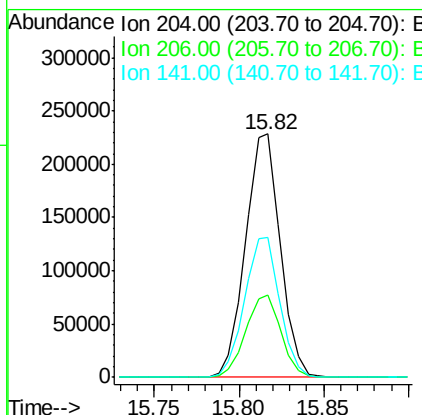
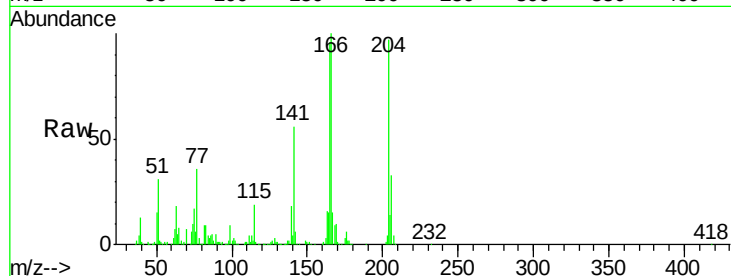




#61
 4-Chlorophenyl-phenylether
 Concen: 39.545 ng
 RT: 15.82 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

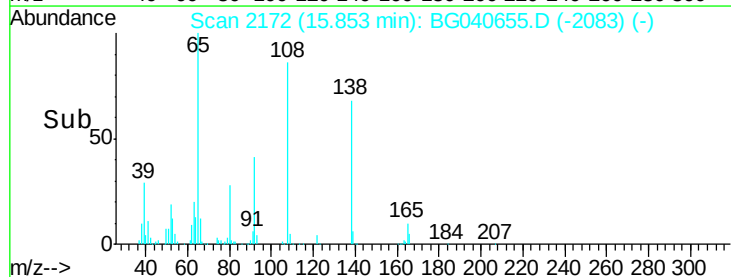
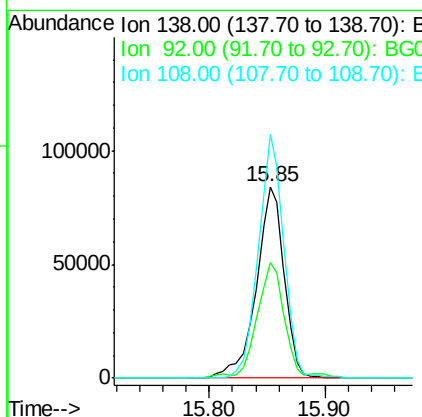
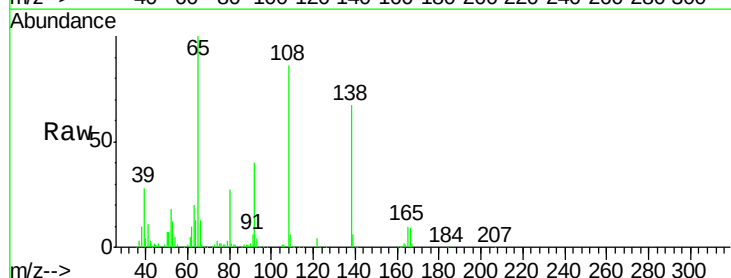
Instrument :
 BNA_G
 ClientSampled :

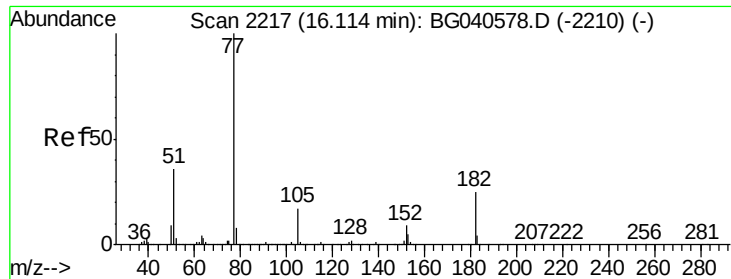
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.4	41.2
141	57.6	46.0	69.0



#62
 4-Nitroaniline
 Concen: 42.070 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.2	43.9	83.9
108	127.4	106.5	146.5

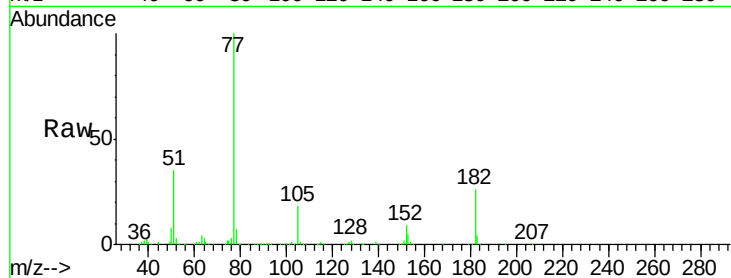




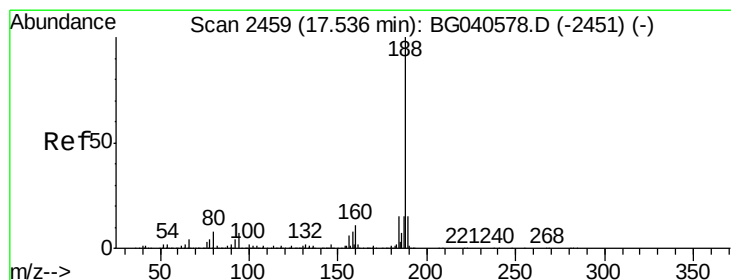
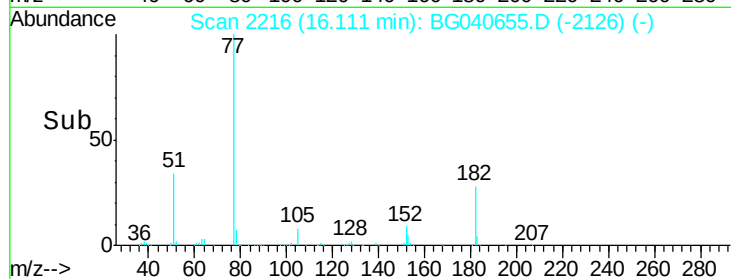
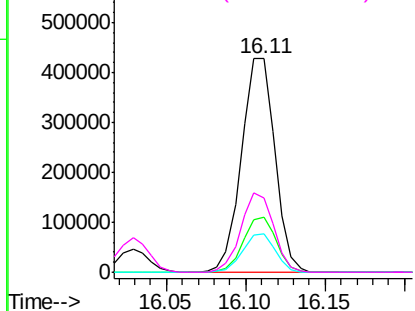
#63
Azobenzene
Concen: 38.496 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG040655.D
Acq: 29 Apr 2019 11:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	626686
Ion	Ratio	Lower	Upper
77	100		
182	26.0	5.0	45.0
105	17.9	0.0	37.6
51	34.9	16.3	56.3

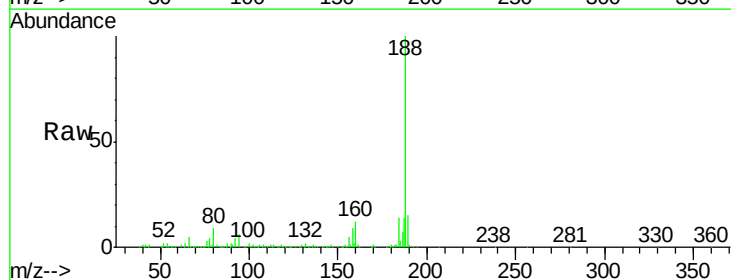


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

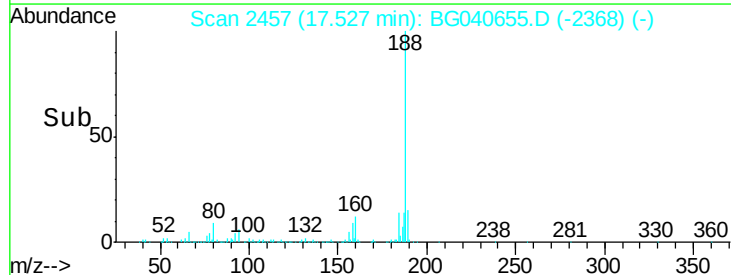
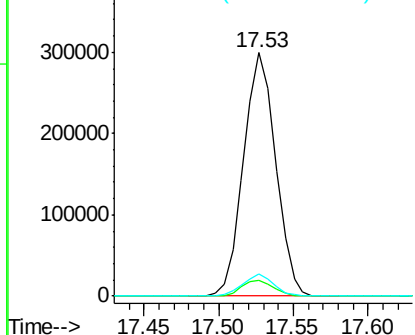


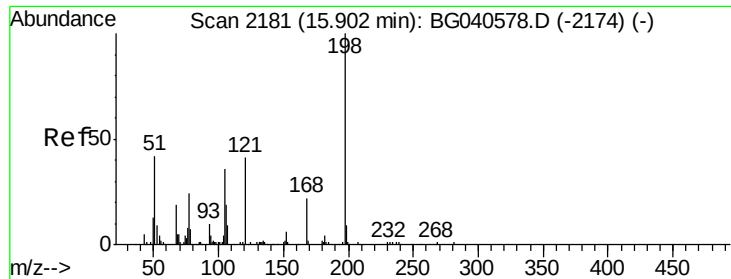
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG040655.D
Acq: 29 Apr 2019 11:02

Tgt Ion:	188	Resp:	445752
Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.6	8.4
80	9.3	6.4	9.6



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





#65

4,6-Dinitro-2-methylphenol

Concen: 41.873 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

Instrument :

BNA_G

ClientSampleId :

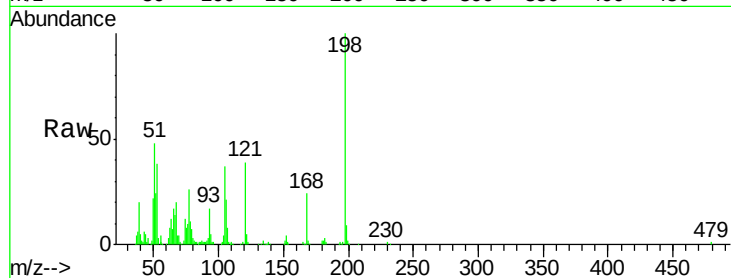
Tot Ion:198 Resp: 89631

Ion Ratio Lower Upper

198 100

51 47.7 35.9 75.9

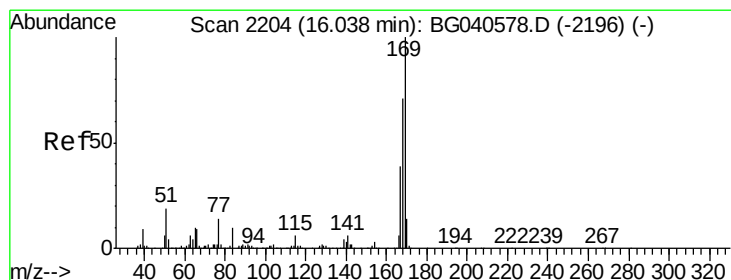
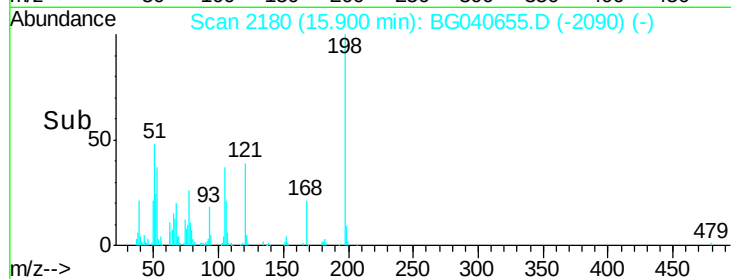
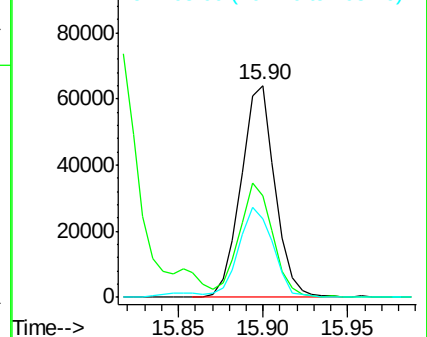
105 37.1 21.2 61.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.686 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

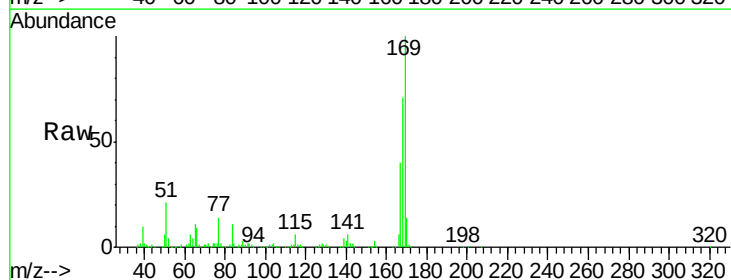
Tgt Ion:169 Resp: 494232

Ion Ratio Lower Upper

169 100

168 71.4 56.8 85.2

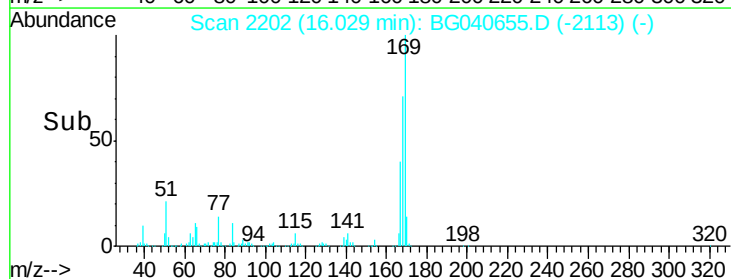
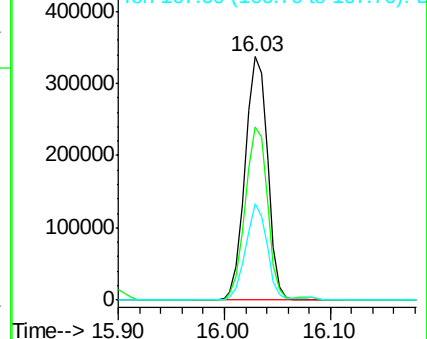
167 39.8 31.4 47.0

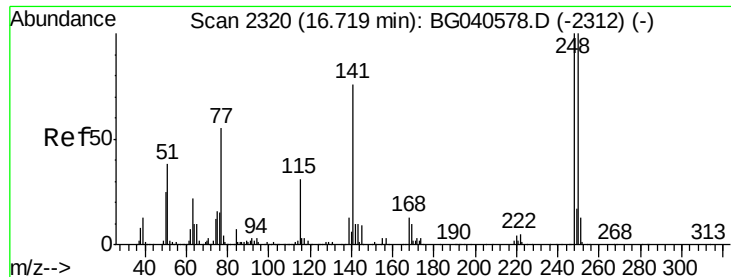


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

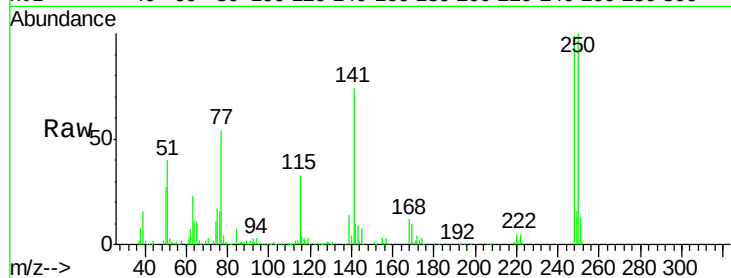




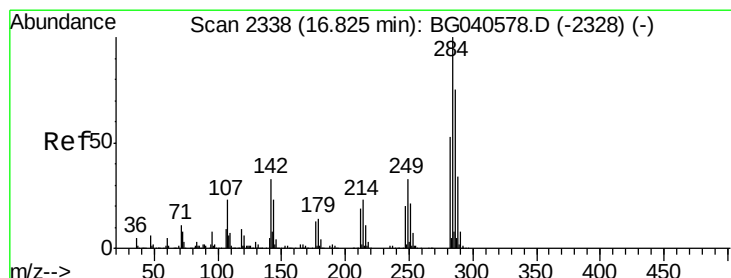
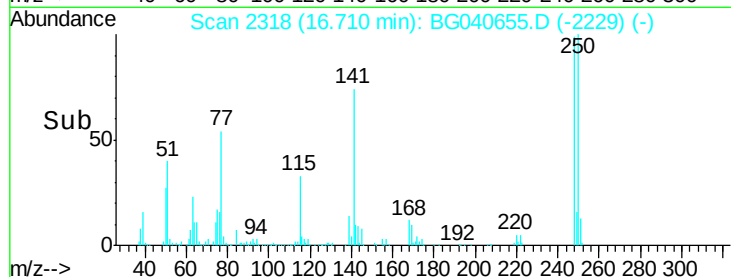
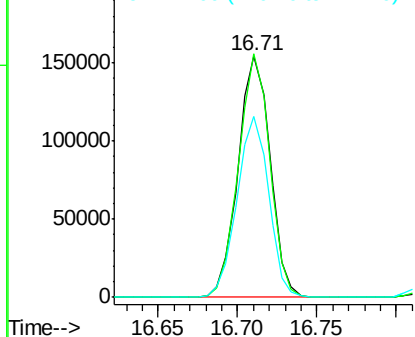
#67
4-Bromophenyl-phenylether
Concen: 39.044 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG040655.D
Acq: 29 Apr 2019 11:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.9	79.8	119.6
141	74.9	60.8	91.2

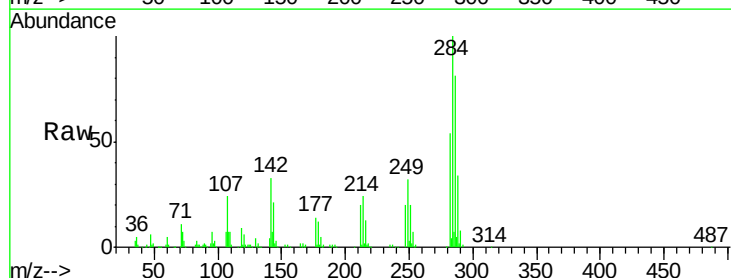


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

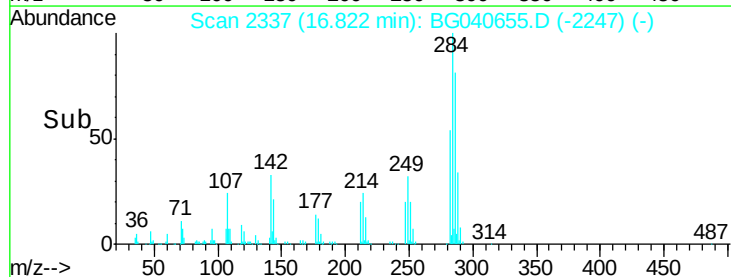
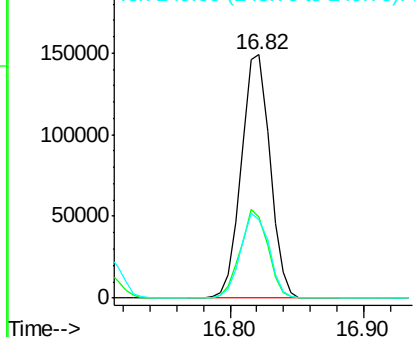


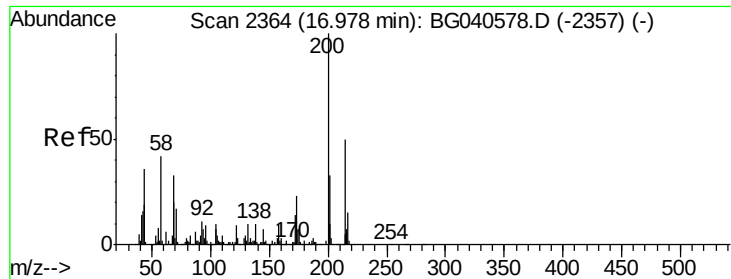
#68
Hexachlorobenzene
Concen: 38.322 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BG040655.D
Acq: 29 Apr 2019 11:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.4	26.6	40.0
249	32.4	26.0	39.0



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

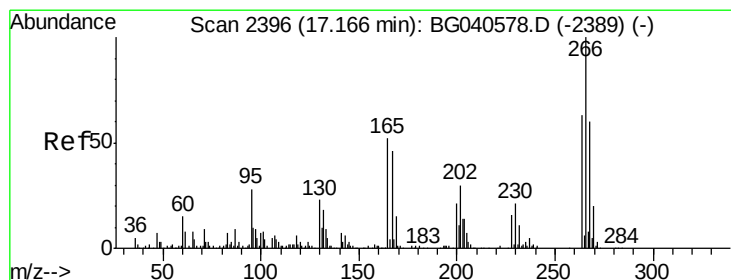
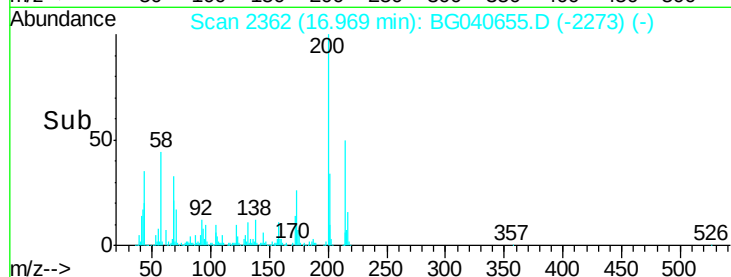
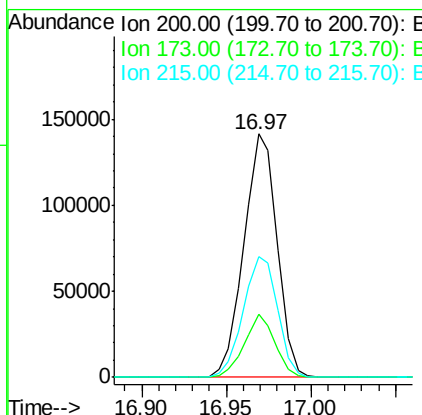
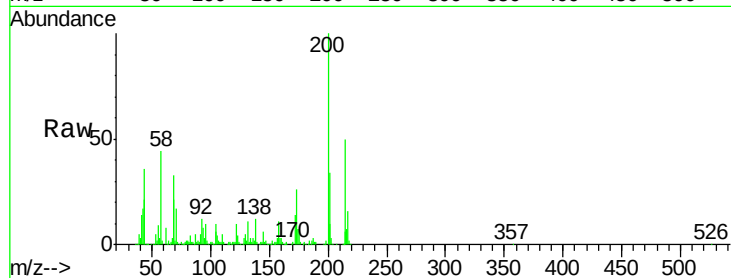




#69
 Atrazine
 Concen: 37.304 ng
 RT: 16.97 min Scan# 2362
 Delta R.T. -0.01 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

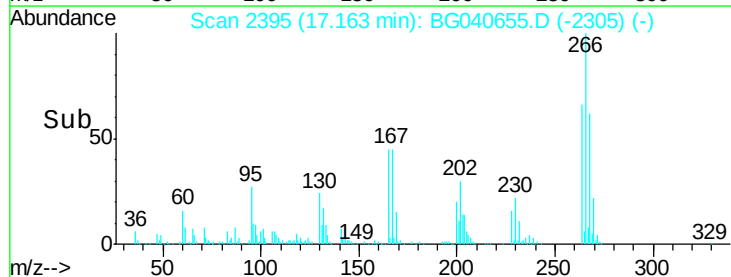
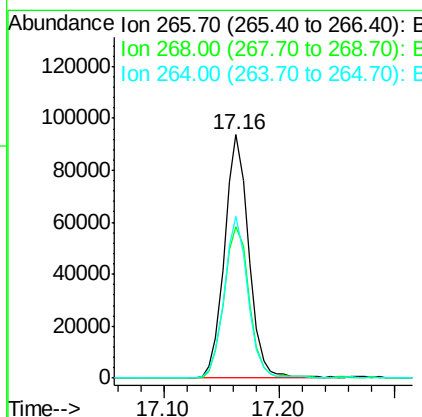
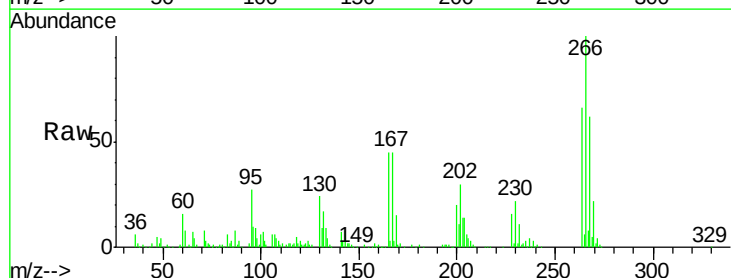
Instrument :
 BNA_G
 ClientSampleId :

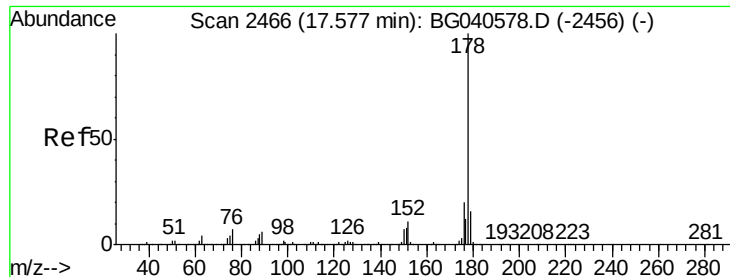
Tot Ion:200 Resp: 193831
 Ion Ratio Lower Upper
 200 100
 173 25.7 2.8 42.8
 215 49.7 30.2 70.2



#70
 Pentachlorophenol
 Concen: 40.601 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.00 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

Tgt Ion:266 Resp: 136429
 Ion Ratio Lower Upper
 266 100
 268 62.0 52.3 78.5
 264 66.2 50.0 75.0

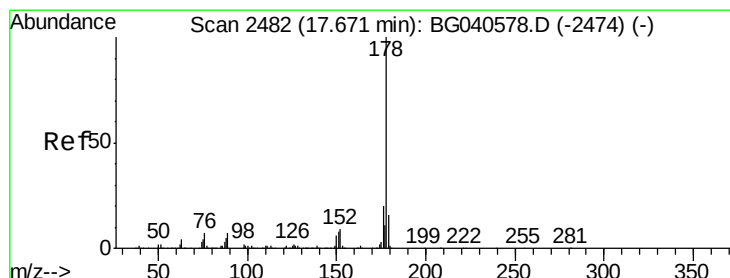
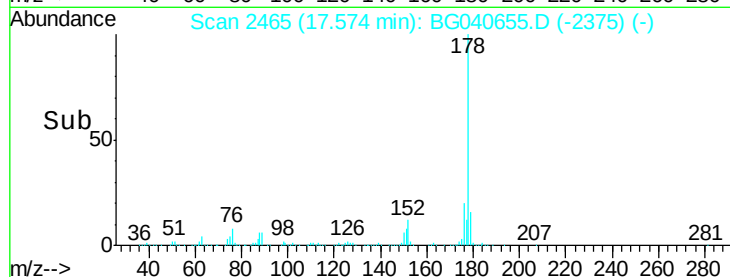
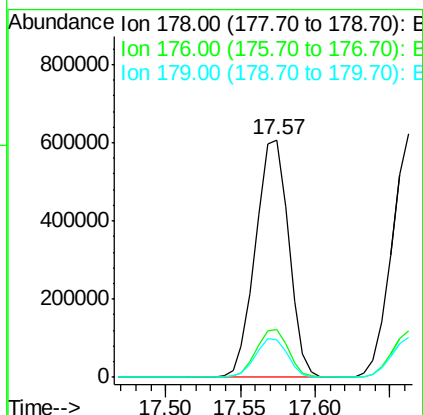
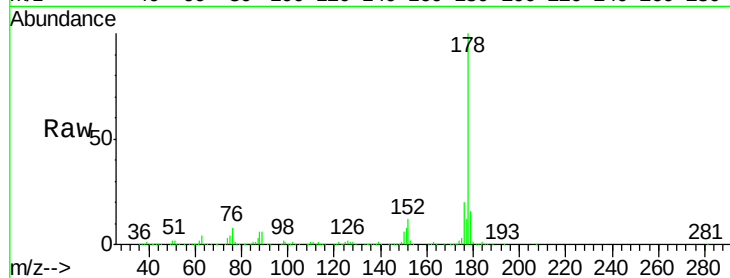




#71
Phenanthrene
Concen: 38.849 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG040655.D
Acq: 29 Apr 2019 11:02

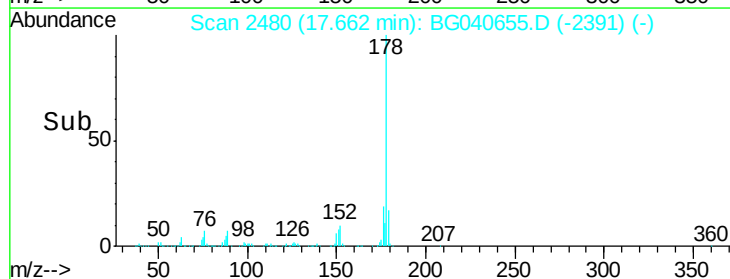
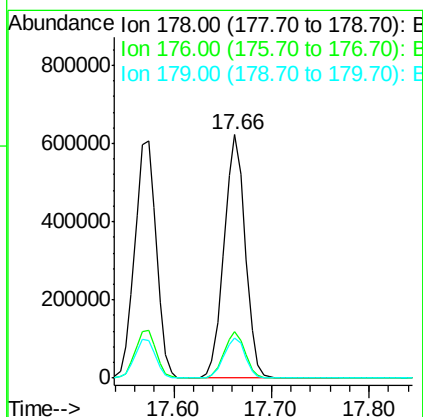
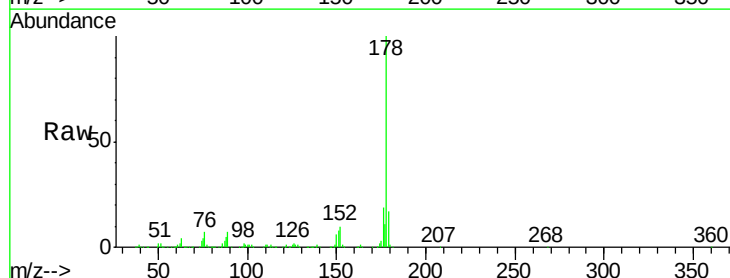
Instrument :
BNA_G
ClientSampleId :

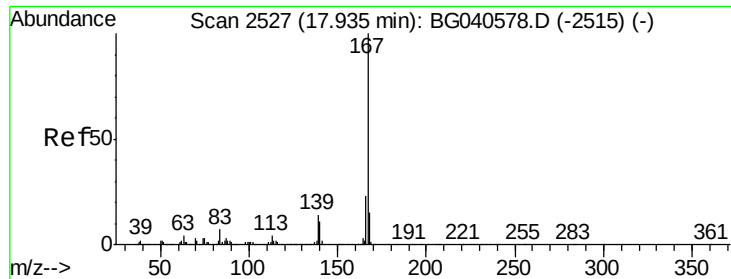
Tot Ion:178 Resp: 932750
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.6
179 15.7 12.6 18.8



#72
Anthracene
Concen: 38.613 ng
RT: 17.66 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BG040655.D
Acq: 29 Apr 2019 11:02

Tgt Ion:178 Resp: 931864
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 16.6 12.9 19.3

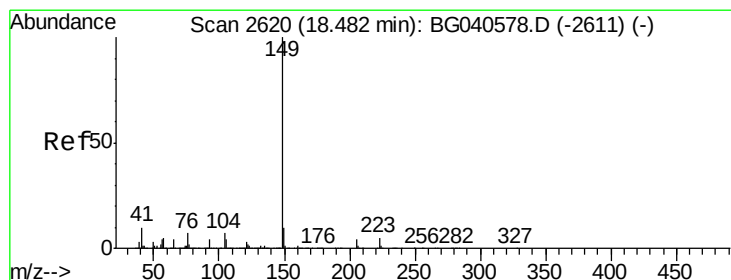
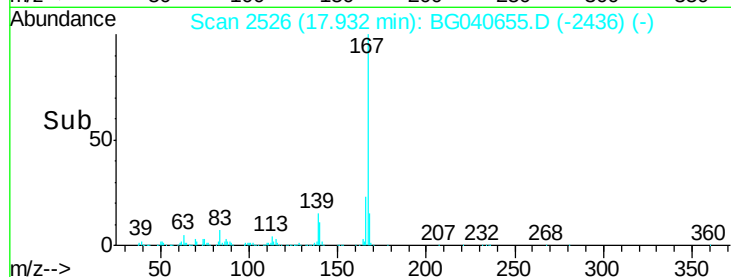
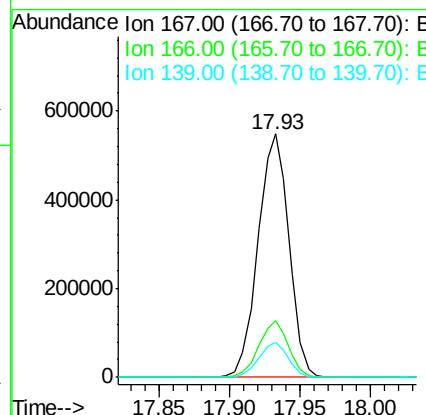
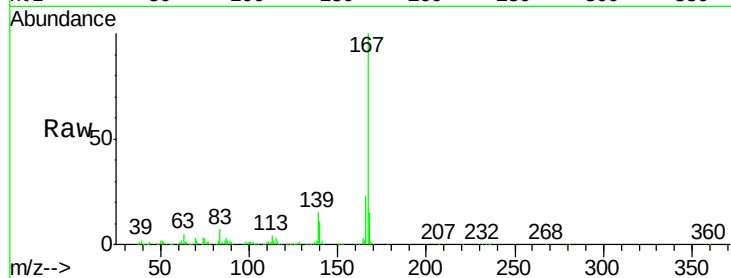




#73
 Carbazole
 Concen: 38.224 ng
 RT: 17.93 min Scan# 2526
 Delta R.T. -0.00 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

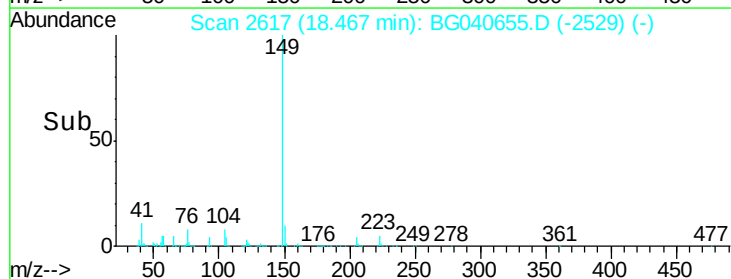
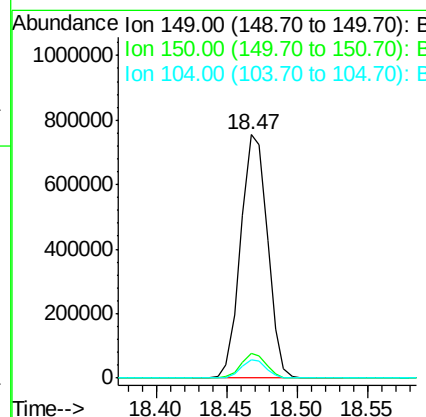
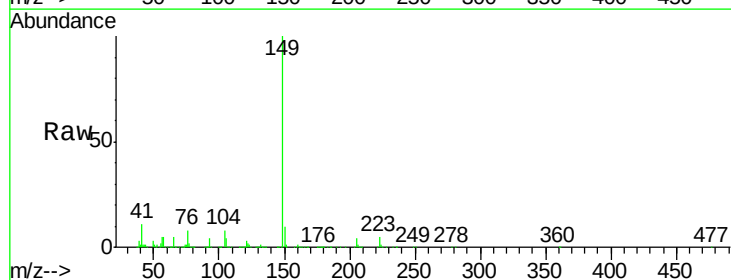
Instrument :
 BNA_G
 ClientSampleId :

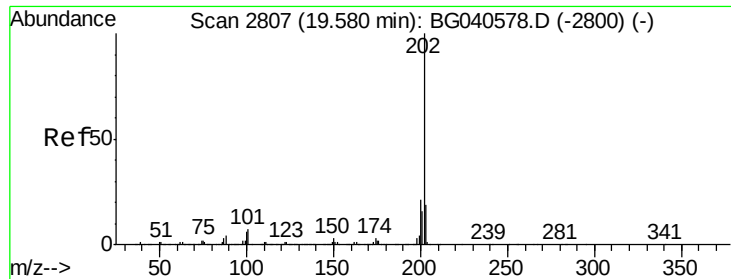
Tot Ion:167 Resp: 840448
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.2 27.4
 139 14.5 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 37.800 ng
 RT: 18.47 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BG040655.D
 Acq: 29 Apr 2019 11:02

Tgt Ion:149 Resp: 1003144
 Ion Ratio Lower Upper
 149 100
 150 10.2 8.2 12.2
 104 7.6 5.4 8.2





#75

Fluoranthene

Concen: 38.919 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

Instrument :

BNA_G

ClientSampled :

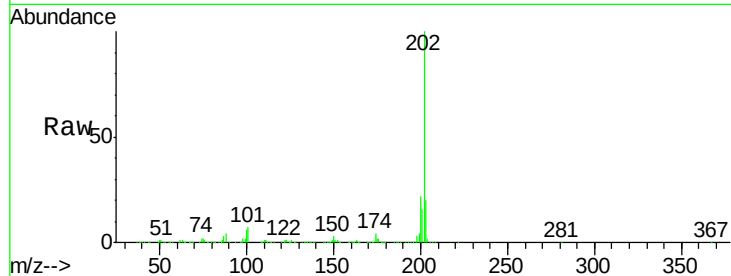
Tot Ion:202 Resp: 1164439

Ion Ratio Lower Upper

202 100

101 7.4 0.0 27.5

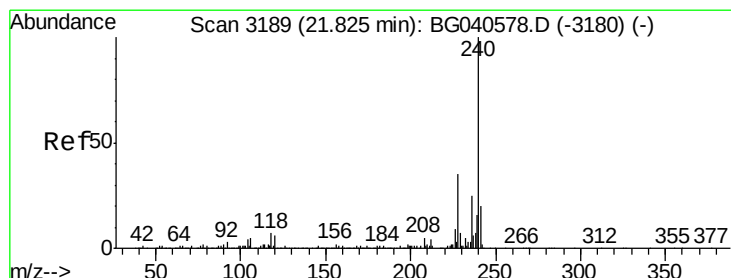
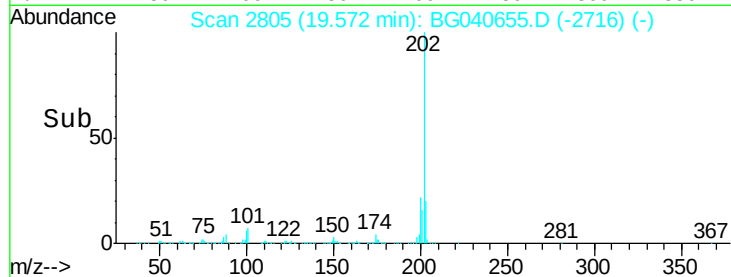
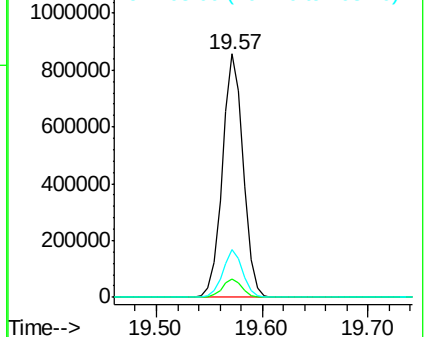
203 19.8 0.0 39.3



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3187

Delta R.T. -0.01 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

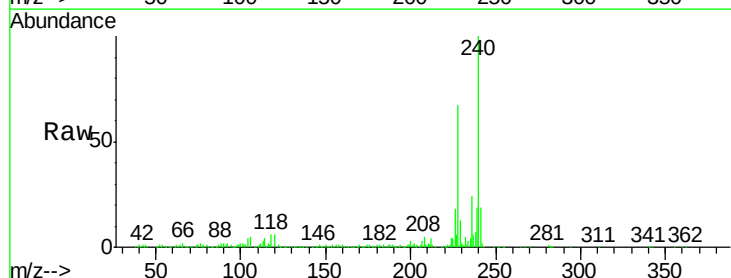
Tgt Ion:240 Resp: 424960

Ion Ratio Lower Upper

240 100

120 6.3 5.0 7.6

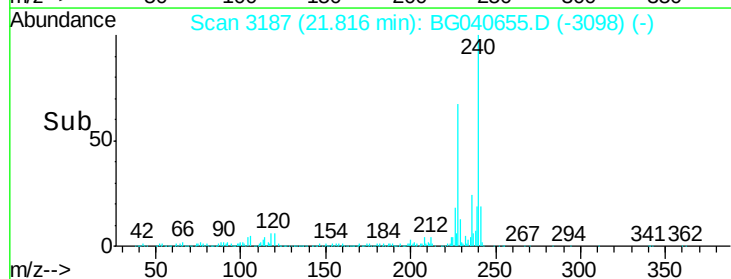
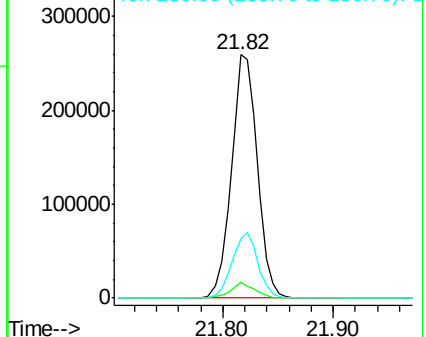
236 24.3 20.3 30.5

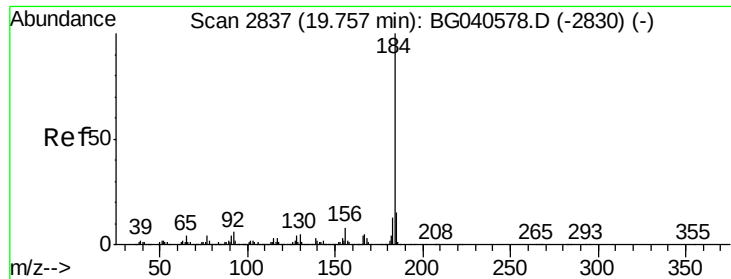


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.391 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

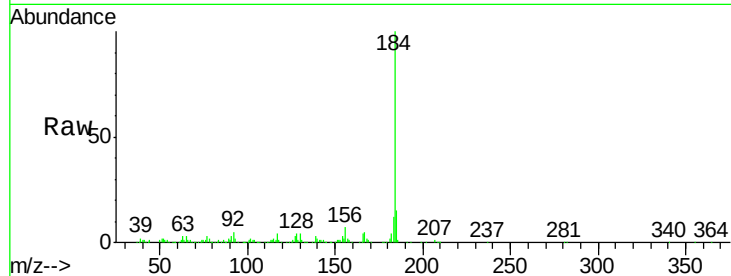
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 481605

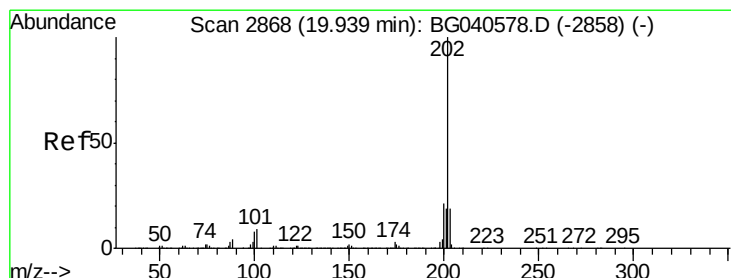
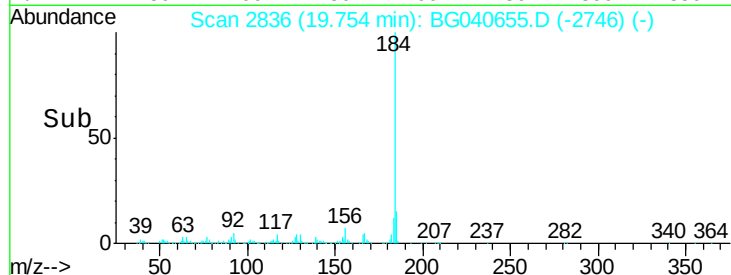
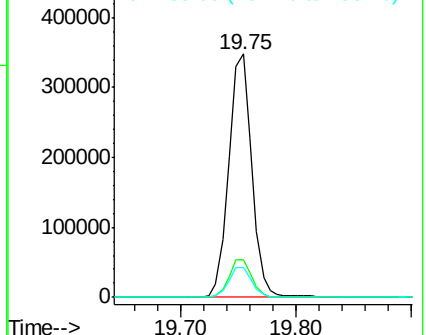
Ion	Ratio	Lower	Upper
184	100		
185	15.5	11.8	17.8
183	12.4	10.2	15.2



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



#78

Pyrene

Concen: 43.632 ng

RT: 19.94 min Scan# 2867

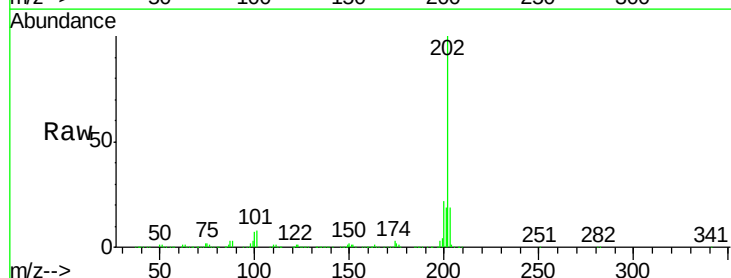
Delta R.T. -0.00 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

Tgt Ion:202 Resp: 1162110

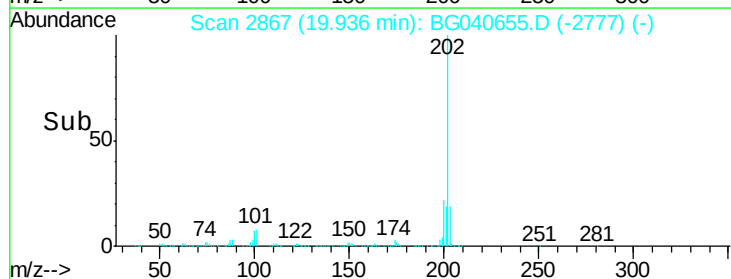
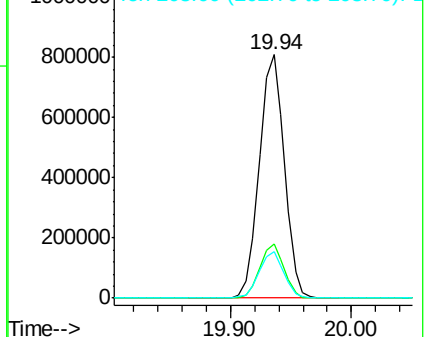
Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.2	25.8
203	19.4	15.0	22.4

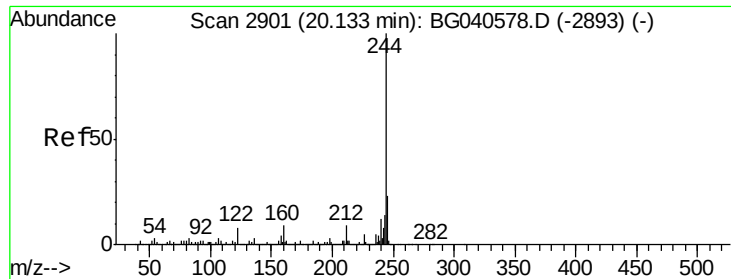


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.377 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

Instrument :

BNA_G

ClientSampleId :

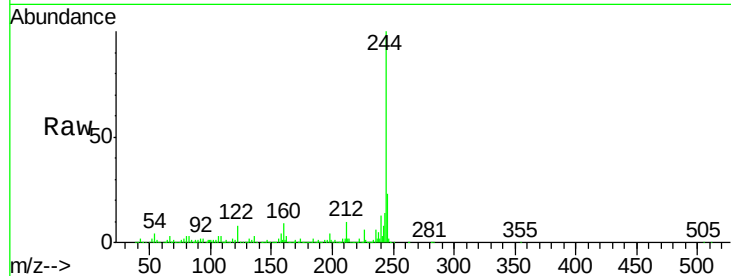
Tot Ion:244 Resp: 1676051

Ion Ratio Lower Upper

244 100

212 10.0 7.2 10.8

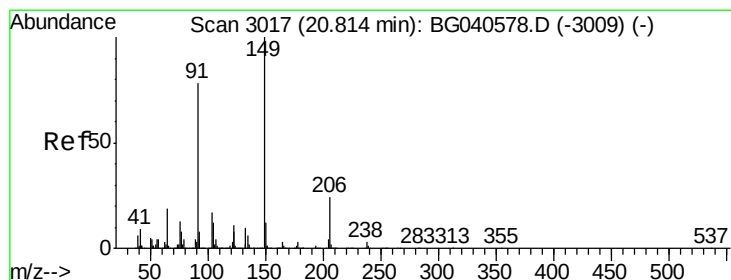
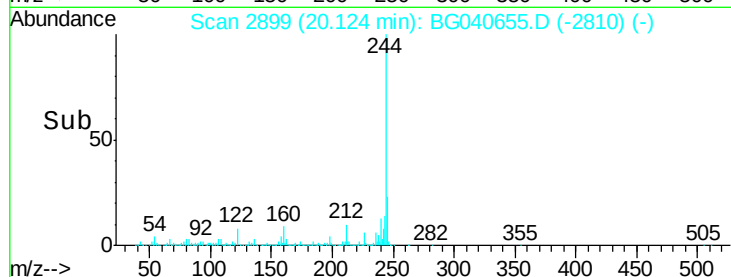
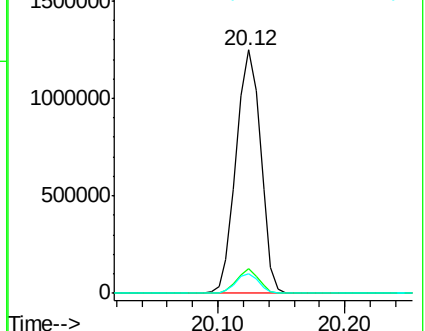
122 8.2 6.6 10.0



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



#80

Butylbenzylphthalate

Concen: 43.857 ng

RT: 20.81 min Scan# 3015

Delta R.T. -0.01 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

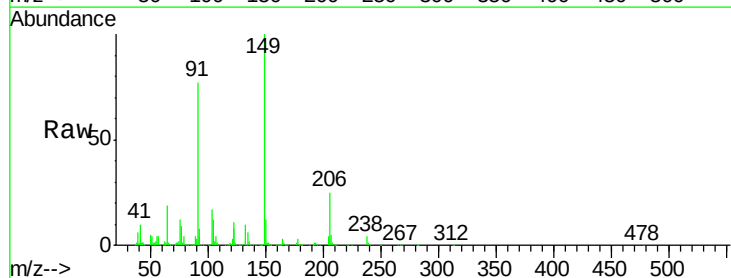
Tgt Ion:149 Resp: 455276

Ion Ratio Lower Upper

149 100

91 76.8 62.6 93.8

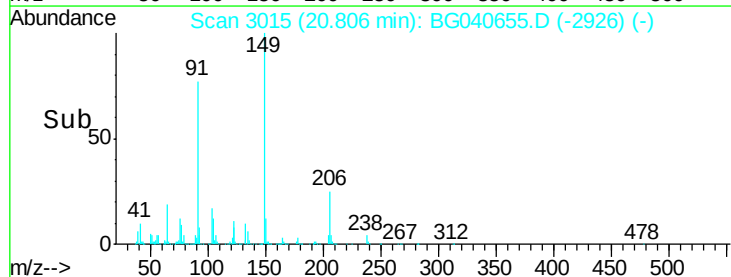
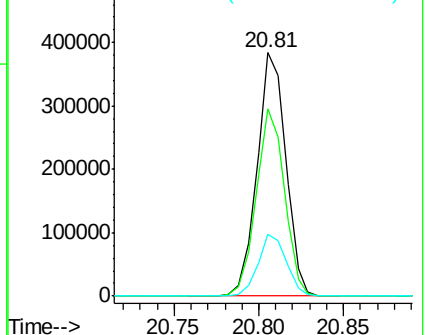
206 25.4 19.4 29.2

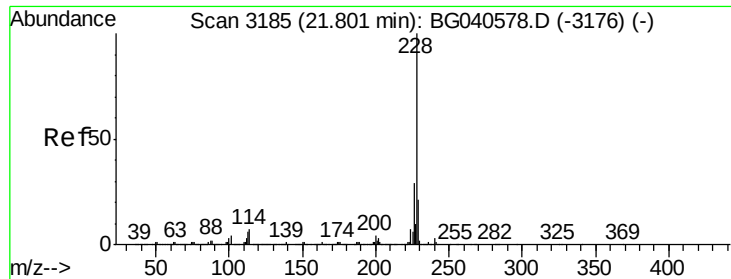


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.235 ng

RT: 21.80 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

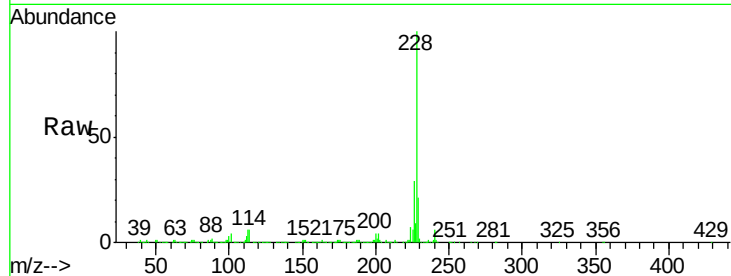
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1161207

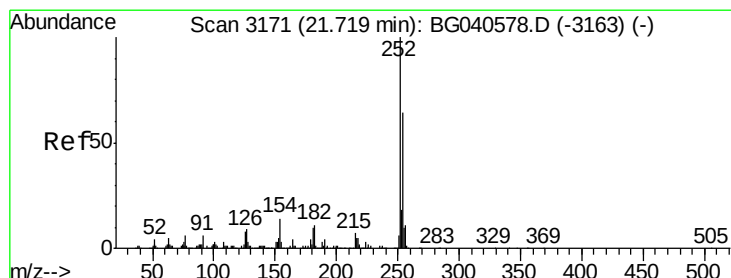
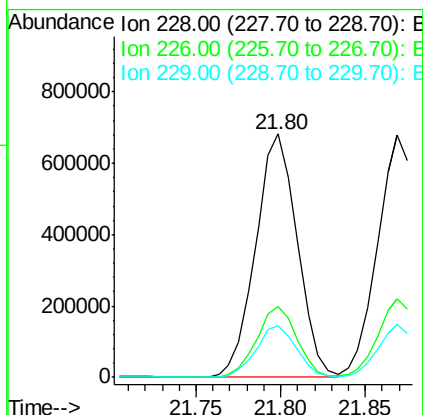
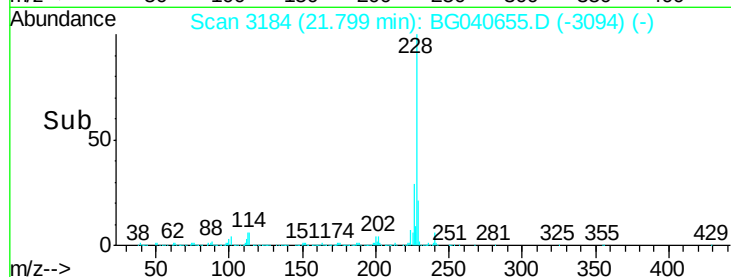
Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.1	34.7
229	21.2	17.0	25.4



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



#82

3,3'-Dichlorobenzidine

Concen: 41.466 ng

RT: 21.71 min Scan# 3169

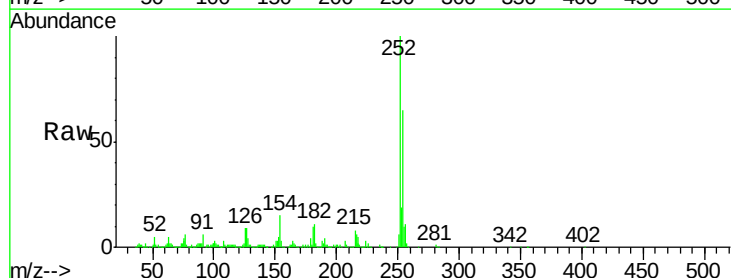
Delta R.T. -0.01 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

Tgt Ion:252 Resp: 396944

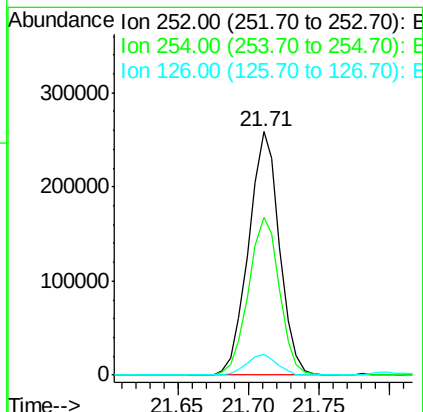
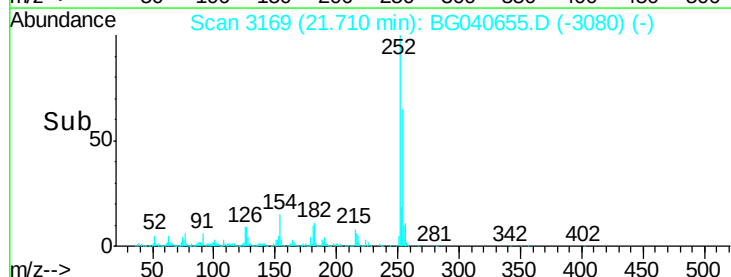
Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.2	76.8
126	8.6	6.6	10.0

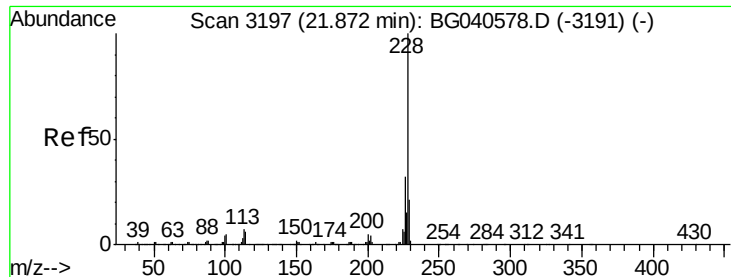


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.701 ng

RT: 21.87 min Scan# 3196

Delta R.T. -0.00 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

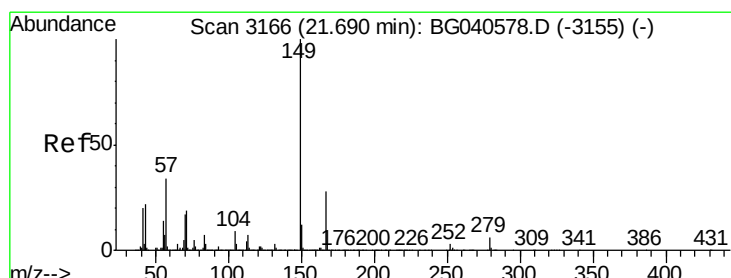
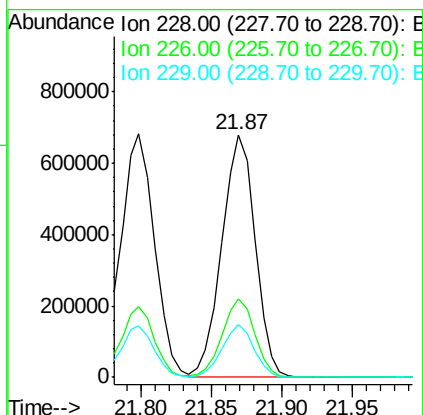
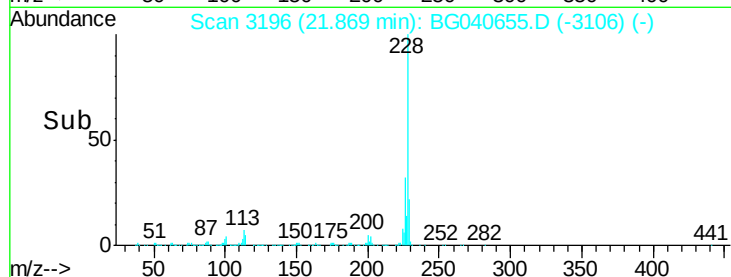
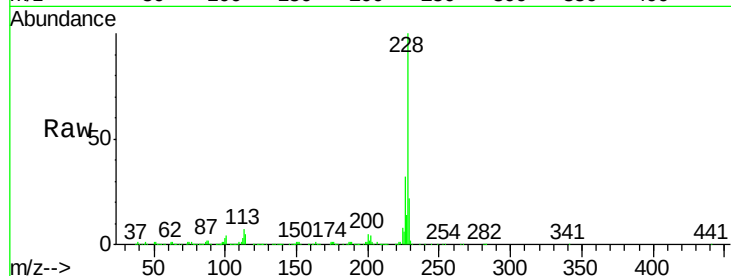
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1116238

Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.5	38.3
229	21.9	16.8	25.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.354 ng

RT: 21.68 min Scan# 3164

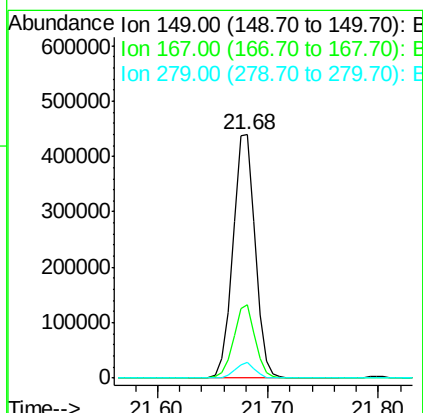
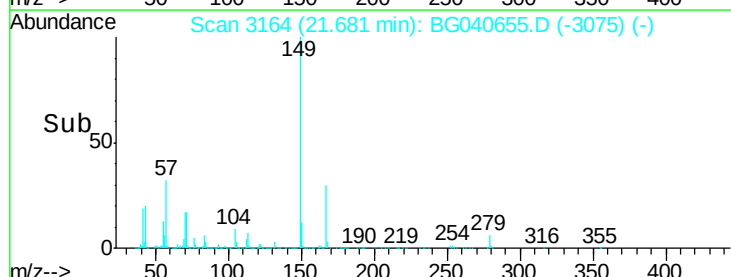
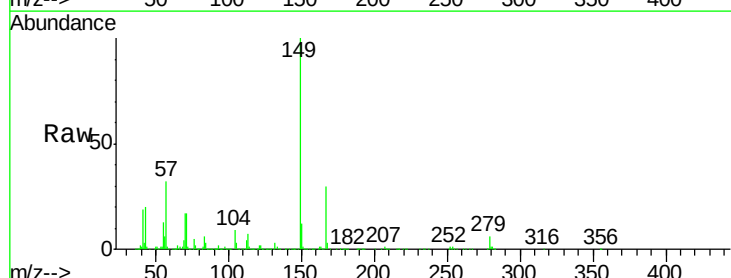
Delta R.T. -0.01 min

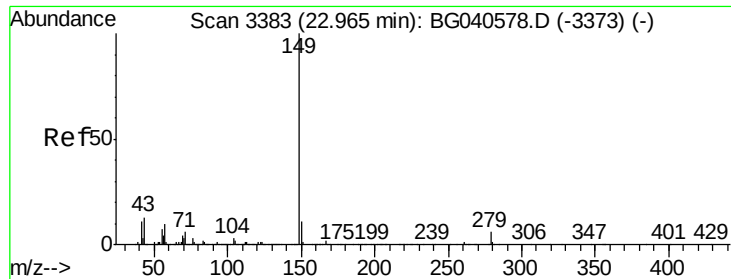
Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

Tgt Ion:149 Resp: 619682

Ion	Ratio	Lower	Upper
149	100		
167	30.0	22.4	33.6
279	6.3	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 41.984 ng

RT: 22.94 min Scan# 3379

Delta R.T. -0.02 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

Instrument :

BNA_G

ClientSampleId :

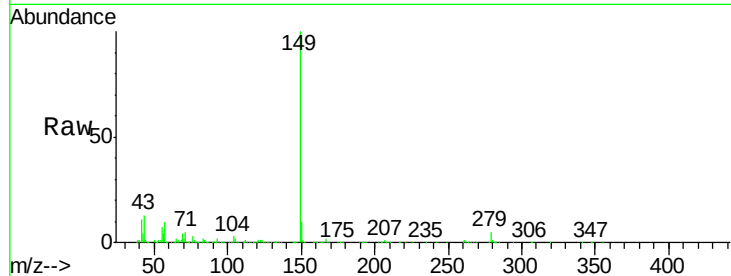
Tot Ion:149 Resp: 1059539

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

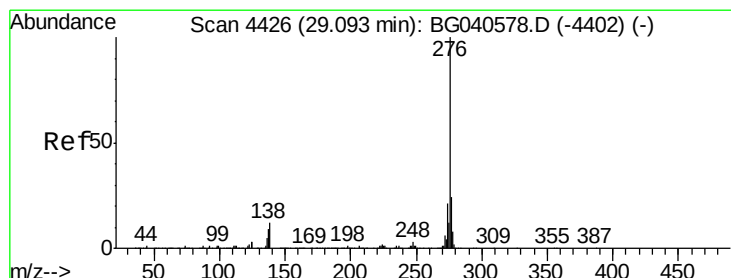
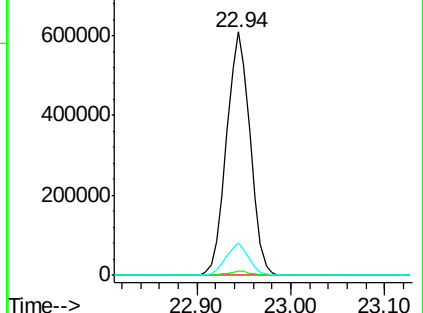
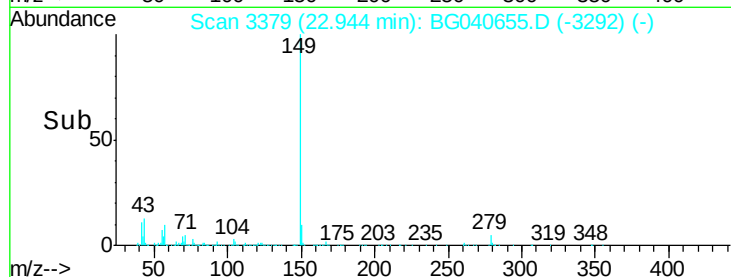
43 12.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.470 ng

RT: 29.08 min Scan# 4423

Delta R.T. -0.01 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

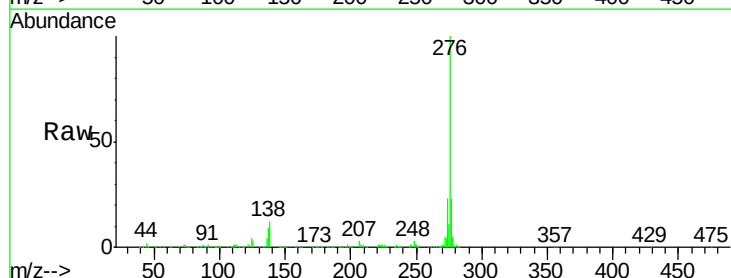
Tgt Ion:276 Resp: 1311566

Ion Ratio Lower Upper

276 100

138 9.3 9.8 14.6#

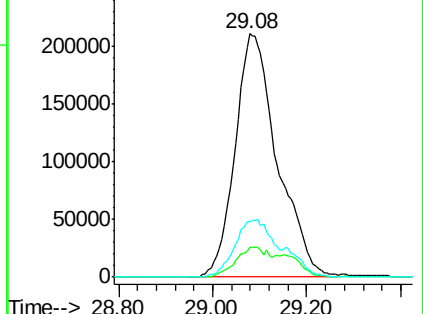
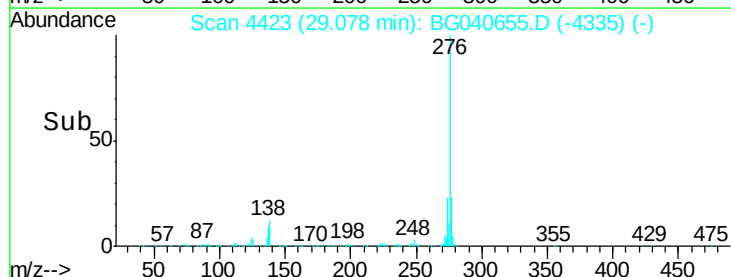
277 21.2 17.3 25.9

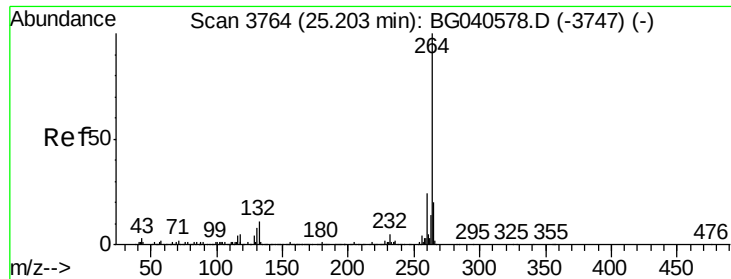


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

Instrument :

BNA_G

ClientSampleId :

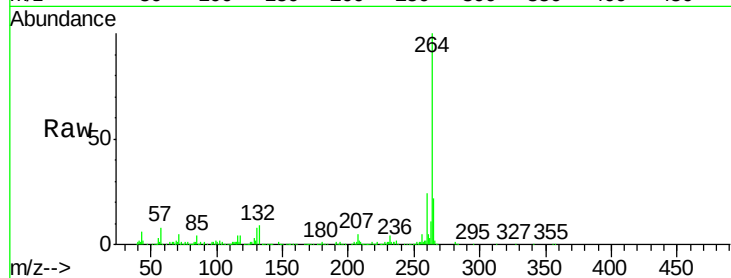
Tot Ion:264 Resp: 459504

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

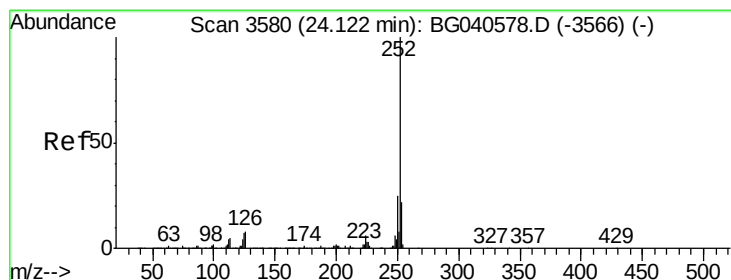
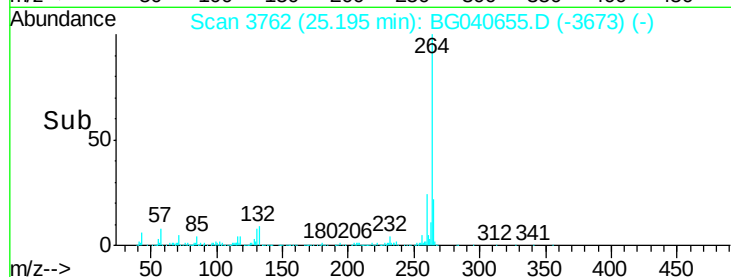
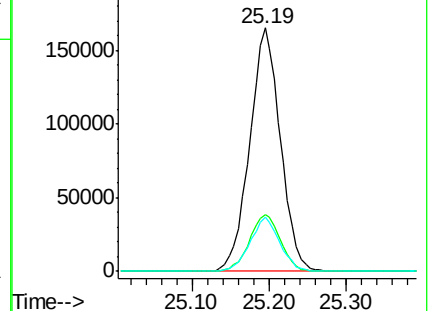
265 22.2 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.441 ng

RT: 24.12 min Scan# 3579

Delta R.T. -0.00 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

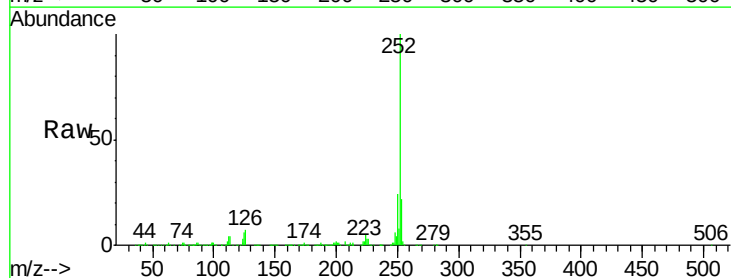
Tgt Ion:252 Resp: 1135577

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

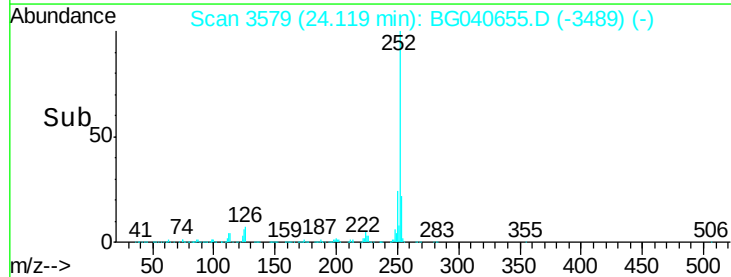
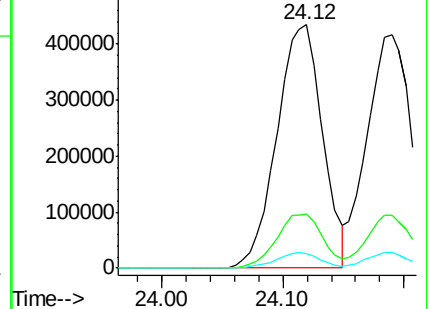
125 5.8 5.4 8.0

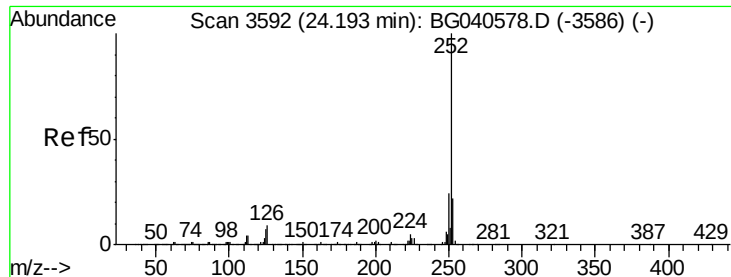


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

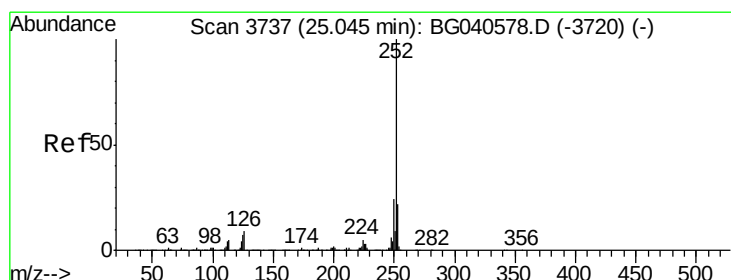
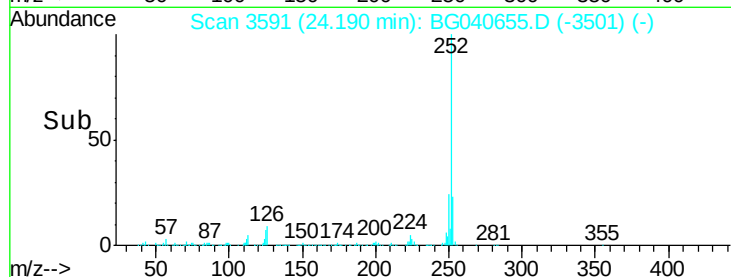
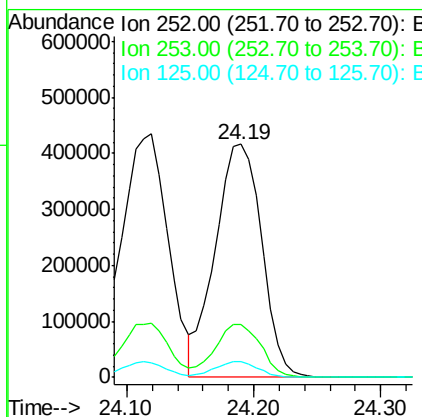
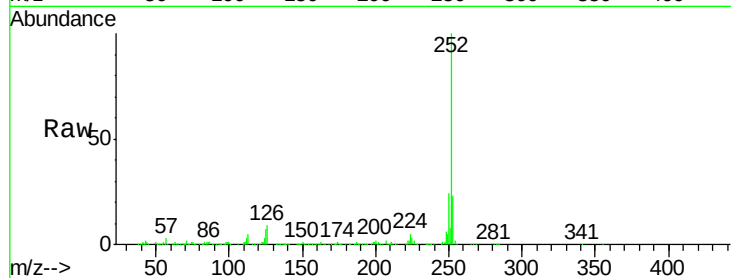




#89
Benzo(k)fluoranthene
Concen: 40.323 ng
RT: 24.19 min Scan# 3591
Delta R.T. -0.00 min
Lab File: BG040655.D
Acq: 29 Apr 2019 11:02

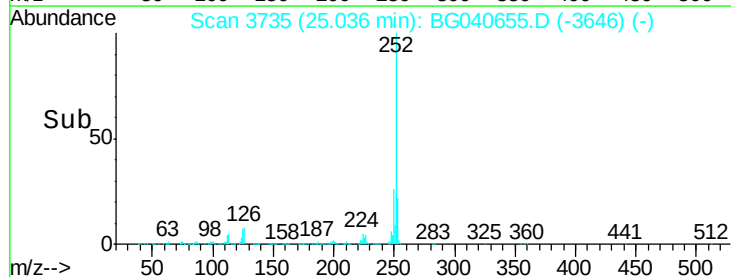
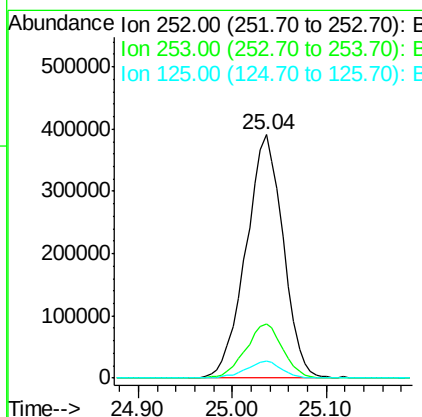
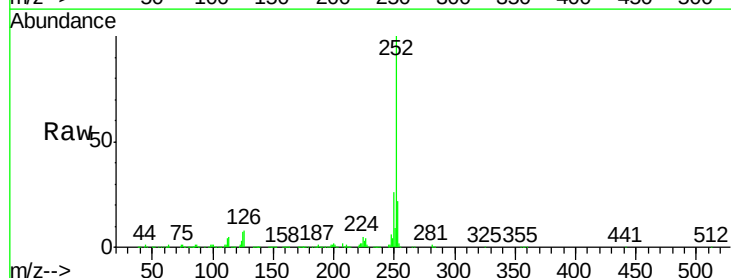
Instrument :
BNA_G
ClientSampled :

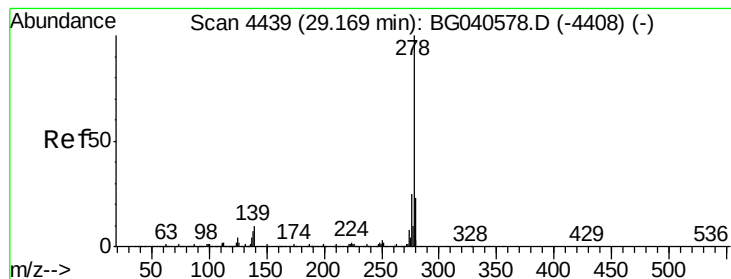
Tot Ion:252 Resp: 1057410
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 6.8 5.5 8.3



#90
Benzo(a)pyrene
Concen: 40.138 ng
RT: 25.04 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG040655.D
Acq: 29 Apr 2019 11:02

Tgt Ion:252 Resp: 1066863
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 6.9 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 39.413 ng

RT: 29.16 min Scan# 4437

Delta R.T. -0.01 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

Instrument :

BNA_G

ClientSampleId :

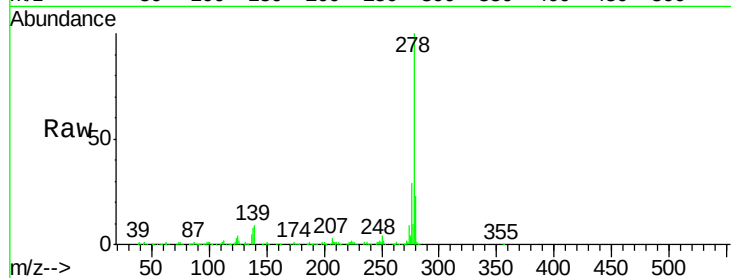
Tot Ion:278 Resp: 1060110

Ion Ratio Lower Upper

278 100

139 8.7 8.2 12.4

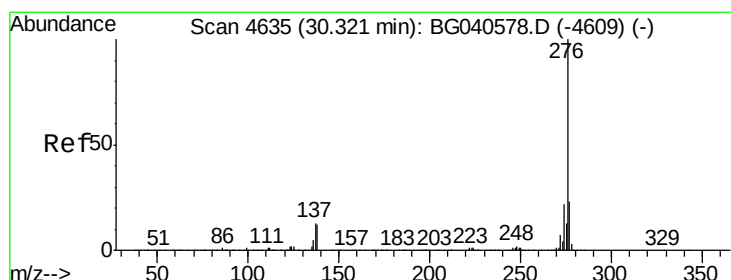
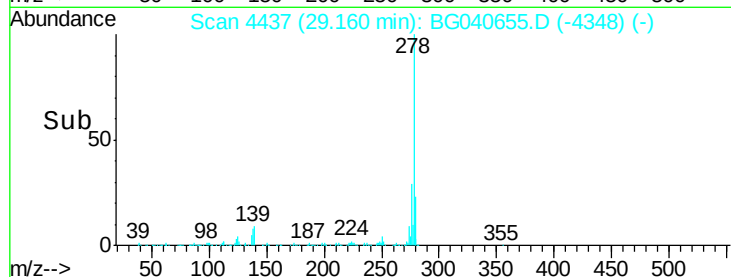
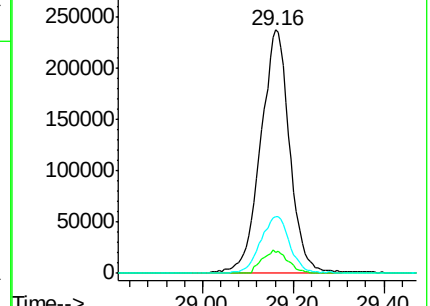
279 23.4 18.5 27.7



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



#92

Benzo(g,h,i)perylene

Concen: 39.262 ng

RT: 30.32 min Scan# 4635

Delta R.T. 0.00 min

Lab File: BG040655.D

Acq: 29 Apr 2019 11:02

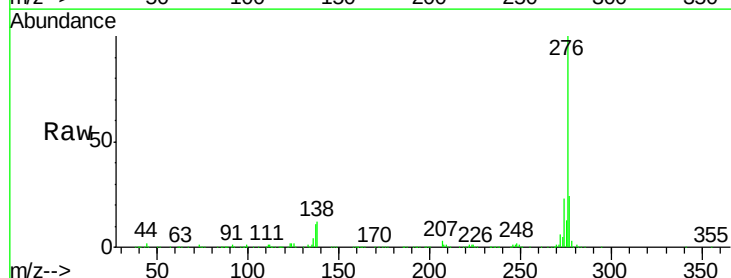
Tgt Ion:276 Resp: 1051041

Ion Ratio Lower Upper

276 100

277 23.9 18.4 27.6

138 12.0 9.8 14.6



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

