

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
 Data File : BG040462.D
 Acq On : 12 Apr 2019 15:28
 Operator : JU/SJ
 Sample : IDOCSS-04
 Misc : SOIL IDOC
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 22:41:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	38182	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	153883	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	99257	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	270368	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	303229	20.00	ng	-0.04
87) Perylene-d12	24.97	264	312382	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	302245	131.59	ng	-0.02
7) Phenol-d6	7.20	99	410137	129.21	ng	-0.02
23) Nitrobenzene-d5	9.22	82	248671	85.89	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	164683	153.52	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	580348	86.64	ng	-0.03
79) Terphenyl-d14	20.02	244	1146745	85.08	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.48	88	44180	40.908	ng	98
3) Pyridine	3.89	79	110734	38.082	ng	96
4) n-Nitrosodimethylamine	3.81	42	50388	37.462	ng	# 91
6) Aniline	7.37	93	99642	24.162	ng	94
8) 2-Chlorophenol	7.60	128	104055	38.702	ng	97
9) Benzaldehyde	7.19	77	53322	24.490	ng	95
10) Phenol	7.23	94	136443	39.602	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	100071	36.264	ng	96
12) 1,3-Dichlorobenzene	7.93	146	110091	37.668	ng	97
13) 1,4-Dichlorobenzene	8.08	146	111324	38.243	ng	96
14) 1,2-Dichlorobenzene	8.40	146	107612	38.658	ng	97
15) Benzyl Alcohol	8.28	79	91368	35.742	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	190828	36.032	ng	99
17) 2-Methylphenol	8.48	107	91803	38.507	ng	98
18) Hexachloroethane	9.12	117	38960	35.186	ng	99
19) n-Nitroso-di-n-propylamine	8.84	70	76407	33.573	ng	97
20) 3+4-Methylphenols	8.81	107	125907	38.984	ng	98
22) Acetophenone	8.87	105	154737	40.311	ng	# 99
24) Nitrobenzene	9.26	77	118050	39.377	ng	98
25) Isophorone	9.77	82	225327	37.827	ng	98
26) 2-Nitrophenol	9.97	139	55469	39.048	ng	96
27) 2,4-Dimethylphenol	10.02	122	107450	47.619	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	136412	38.707	ng	98
29) 2,4-Dichlorophenol	10.51	162	102932	42.027	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	110034	40.915	ng	95
31) Naphthalene	10.91	128	321444	40.753	ng	100
32) Benzoic acid	10.16	122	10557	7.744	ng	93
33) 4-Chloroaniline	11.03	127	79388	23.596	ng	97
34) Hexachlorobutadiene	11.17	225	65533	38.102	ng	91
35) Caprolactam	11.80	113	39790	40.939	ng	98
36) 4-Chloro-3-methylphenol	12.13	107	122239	43.414	ng	96
37) 2-Methylnaphthalene	12.51	142	243480	41.738	ng	99
38) 1-Methylnaphthalene	12.73	142	231131	40.859	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	125047	39.638	ng	99

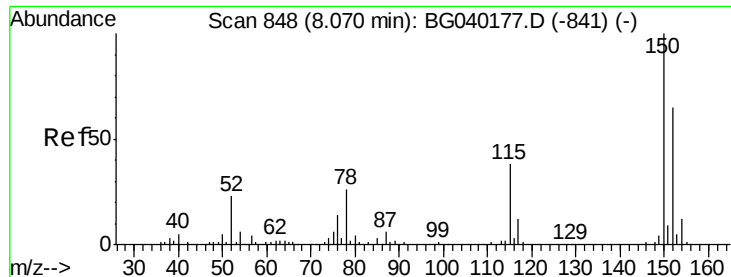
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
 Data File : BG040462.D
 Acq On : 12 Apr 2019 15:28
 Operator : JU/SJ
 Sample : IDOCSS-04
 Misc : SOIL IDOC
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 22:41:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	134641	77.729	ng	98
43) 2,4,6-Trichlorophenol	13.11	196	85407	41.991	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	96519	43.537	ng	96
46) 1,1'-Biphenyl	13.51	154	316185	40.316	ng	97
47) 2-Chloronaphthalene	13.56	162	242665	40.338	ng	99
48) 2-Nitroaniline	13.77	65	89329	44.022	ng	96
49) Acenaphthylene	14.40	152	417319	40.915	ng	99
50) Dimethylphthalate	14.13	163	331032	42.614	ng	98
51) 2,6-Dinitrotoluene	14.26	165	75435	43.248	ng	97
52) Acenaphthene	14.74	154	242209	41.442	ng	97
53) 3-Nitroaniline	14.60	138	56604	30.657	ng	98
54) 2,4-Dinitrophenol	14.80	184	62622	67.507	ng	93
55) Dibenzofuran	15.07	168	409987	43.656	ng	99
56) 4-Nitrophenol	14.89	139	124151	83.314	ng	99
57) 2,4-Dinitrotoluene	15.04	165	113263	46.732	ng	96
58) Fluorene	15.72	166	325275	44.054	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	94641	47.043	ng	97
60) Diethylphthalate	15.48	149	359212	45.189	ng	100
61) 4-Chlorophenyl-phenylether	15.71	204	171755	43.518	ng	100
62) 4-Nitroaniline	15.75	138	92592	46.730	ng	98
63) Azobenzene	16.00	77	328705	43.838	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	57254	37.693	ng	98
66) n-Nitrosodiphenylamine	15.92	169	317360	40.113	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	114520	37.639	ng	99
68) Hexachlorobenzene	16.72	284	120325	39.332	ng	97
69) Atrazine	16.87	200	121397	41.248	ng	97
70) Pentachlorophenol	17.07	266	111780	63.201	ng	93
71) Phenanthrene	17.46	178	596320	41.962	ng	98
72) Anthracene	17.56	178	606575	42.644	ng	99
73) Carbazole	17.83	167	591171	43.916	ng	98
74) Di-n-butylphthalate	18.36	149	704394	44.144	ng	99
75) Fluoranthene	19.47	202	768524	45.670	ng	98
77) Benzidine	19.65	184	260818	23.819	ng	96
78) Pyrene	19.84	202	783459	39.289	ng	99
80) Butylbenzylphthalate	20.70	149	347137	40.682	ng	96
81) Benzo(a)anthracene	21.67	228	730684	39.122	ng	100
82) 3,3'-Dichlorobenzidine	21.59	252	183879	25.881	ng	99
83) Chrysene	21.74	228	719870	40.104	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	500903	41.066	ng	99
85) Di-n-octyl phthalate	22.76	149	858906	41.330	ng	99
86) Indeno(1,2,3-cd)pyrene	28.73	276	869689	39.614	ng	99
88) Benzo(b)fluoranthene	23.92	252	788793	41.244	ng	99
89) Benzo(k)fluoranthene	23.99	252	757295	43.058	ng	98
90) Benzo(a)pyrene	24.81	252	762528	42.494	ng	98
91) Dibenzo(a,h)anthracene	28.79	278	689330	41.361	ng	99
92) Benzo(g,h,i)perylene	29.91	276	697938	40.749	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

Instrument :

BNA_G

ClientSampleId :

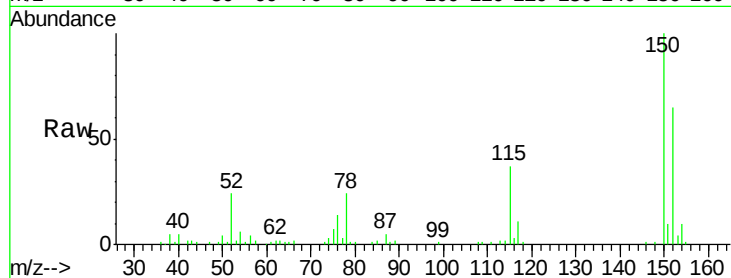
Tot Ion:152 Resp: 38182

Ion Ratio Lower Upper

152 100

150 153.1 123.7 185.5

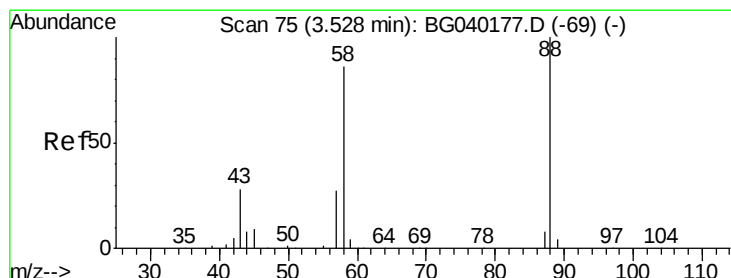
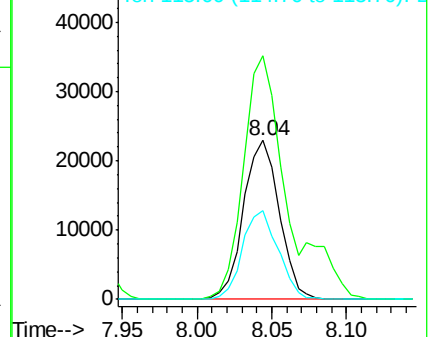
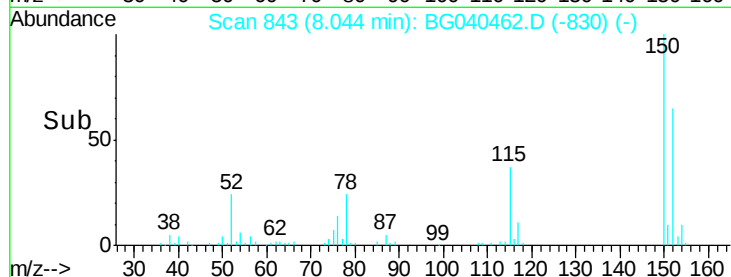
115 56.1 46.9 70.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.908 ng

RT: 3.48 min Scan# 67

Delta R.T. -0.04 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

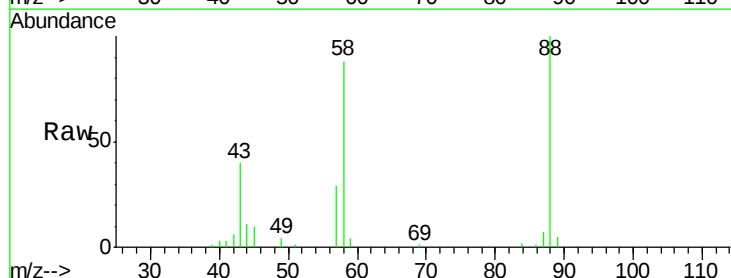
Tgt Ion: 88 Resp: 44180

Ion Ratio Lower Upper

88 100

58 88.5 70.6 106.0

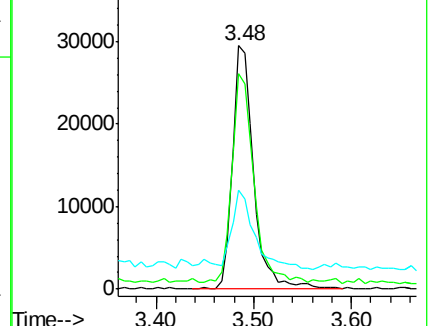
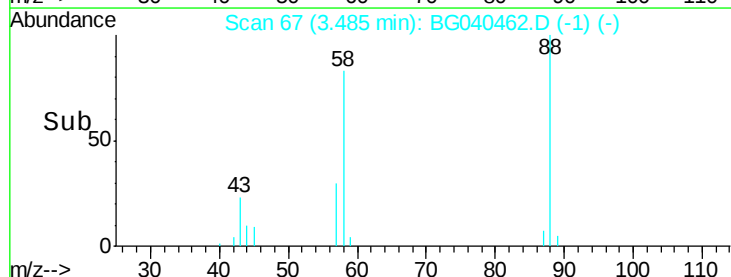
43 34.7 24.8 37.2

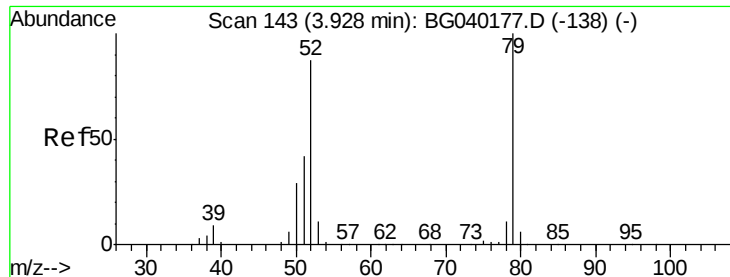


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.082 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.04 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

Instrument :

BNA_G

ClientSampleId :

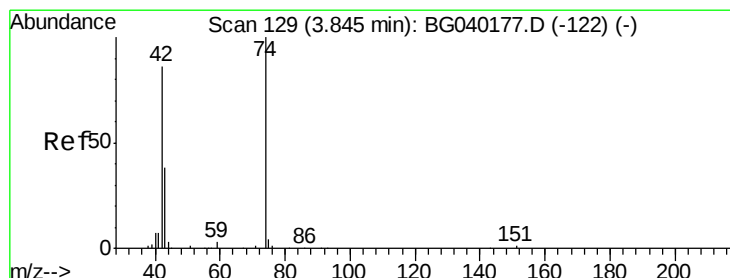
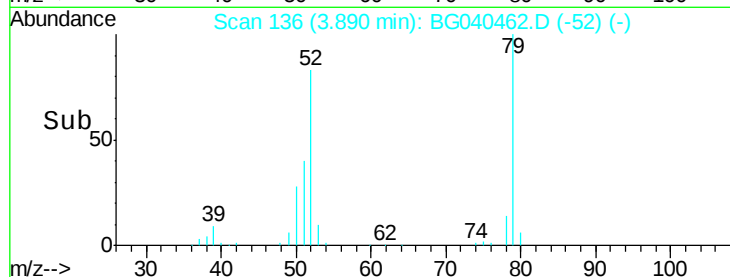
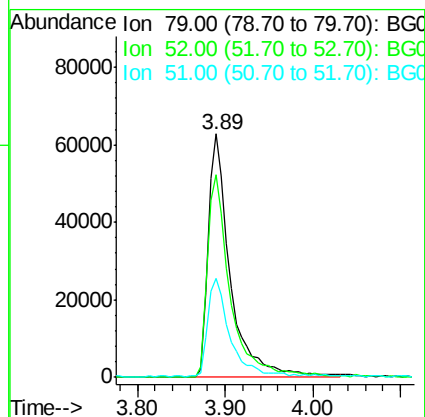
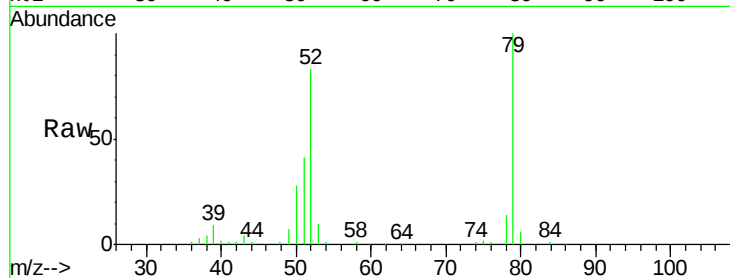
Tot Ion: 79 Resp: 110734

Ion Ratio Lower Upper

79 100

52 83.5 69.8 104.8

51 40.8 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 37.462 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

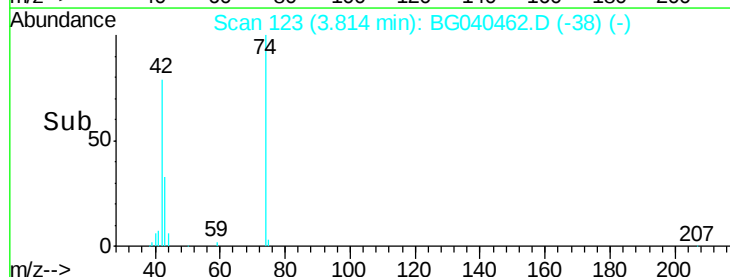
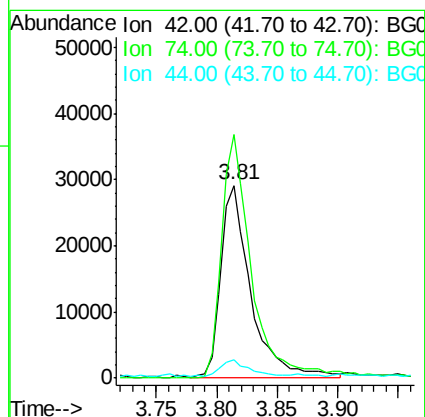
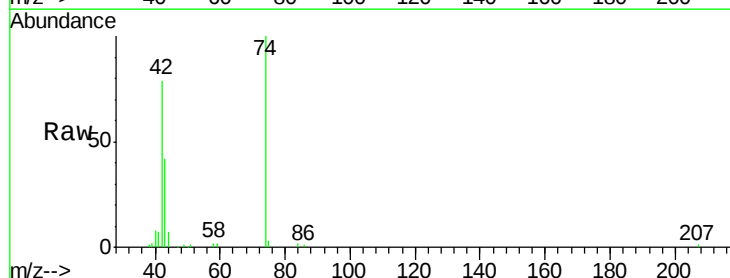
Tgt Ion: 42 Resp: 50388

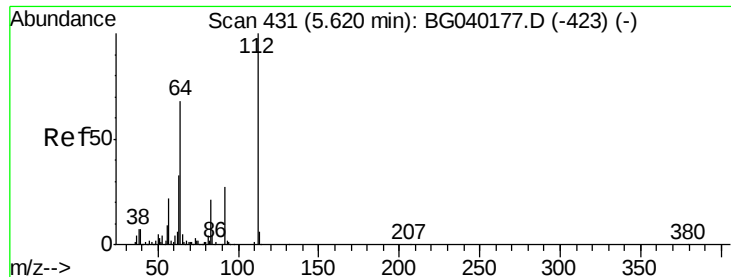
Ion Ratio Lower Upper

42 100

74 126.1 92.9 139.3

44 9.2 9.7 14.5#





#5

2-Fluorophenol

Concen: 131.595 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

Instrument :

BNA_G

ClientSampled :

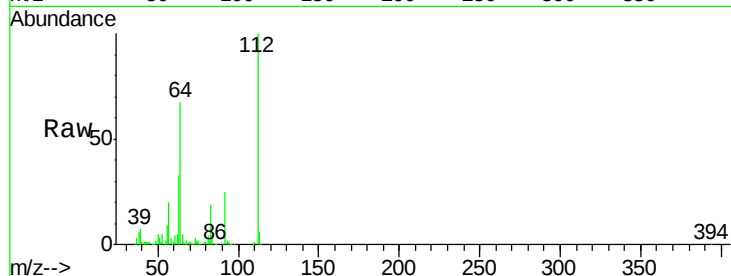
Tot Ion:112 Resp: 302245

Ion Ratio Lower Upper

112 100

64 66.5 54.2 81.2

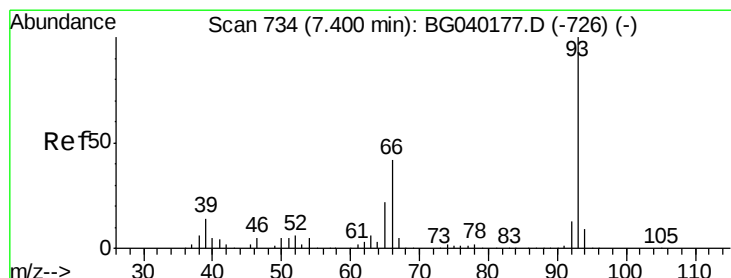
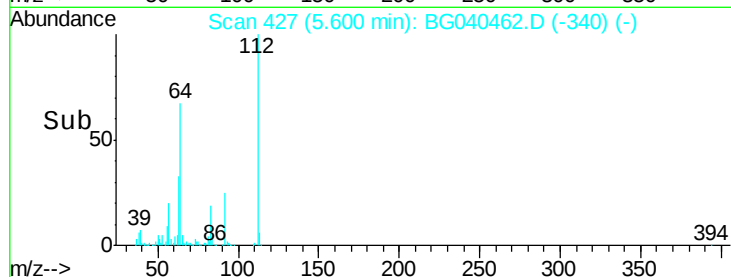
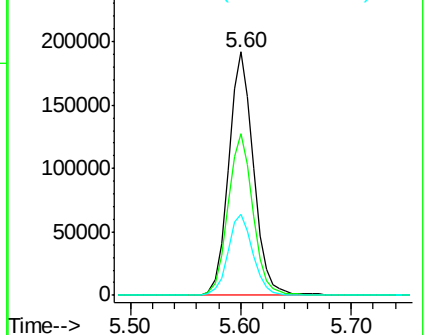
63 33.3 26.4 39.6



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: 24.162 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

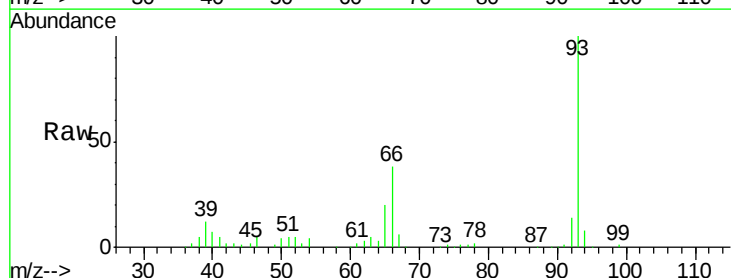
Tgt Ion: 93 Resp: 99642

Ion Ratio Lower Upper

93 100

66 37.6 33.6 50.4

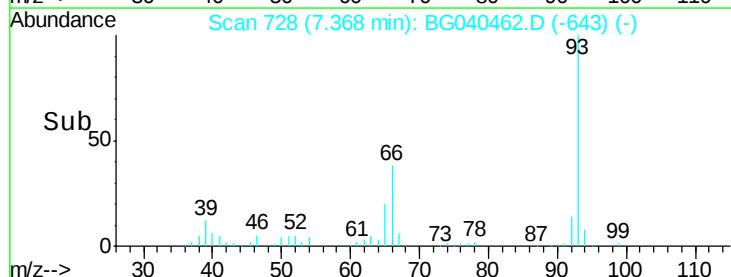
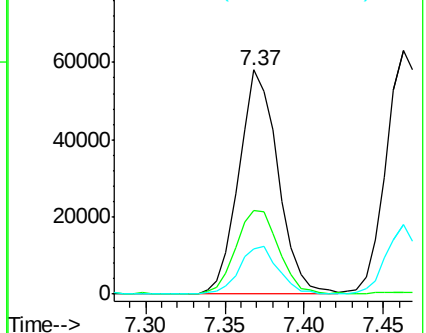
65 20.4 17.4 26.2

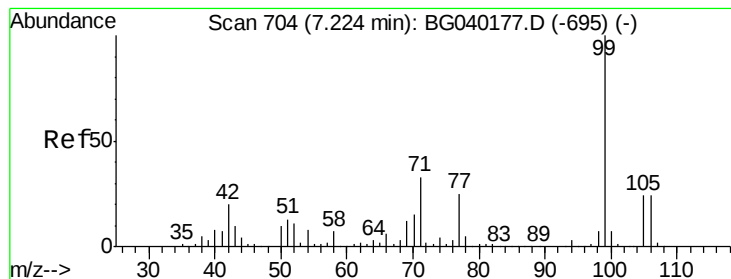


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 129.210 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

Instrument :

BNA_G

ClientSampleId :

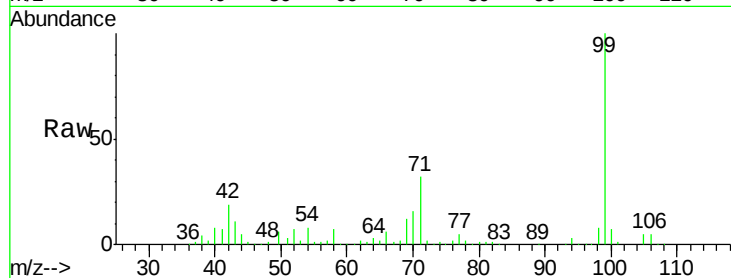
Tot Ion: 99 Resp: 410137

Ion Ratio Lower Upper

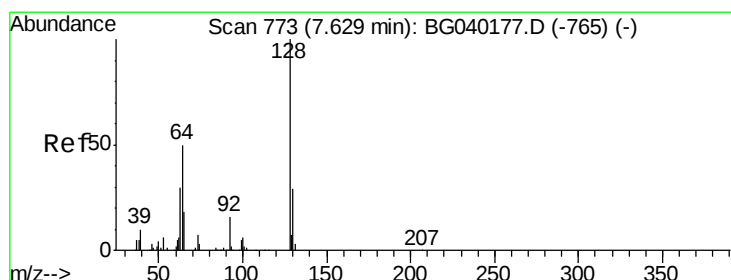
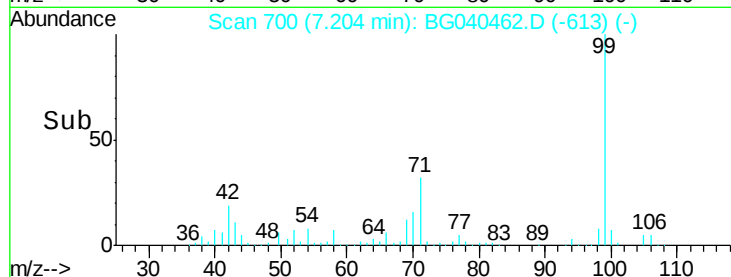
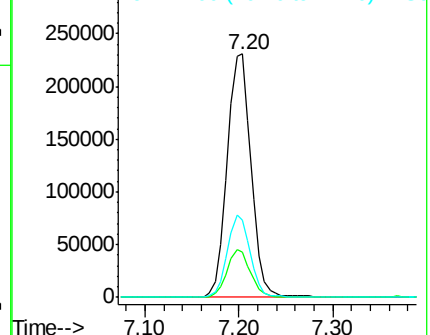
99 100

42 18.8 16.2 24.2

71 31.5 26.8 40.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 38.702 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

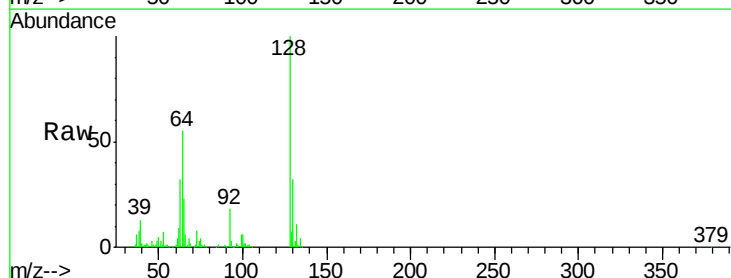
Tgt Ion: 128 Resp: 104055

Ion Ratio Lower Upper

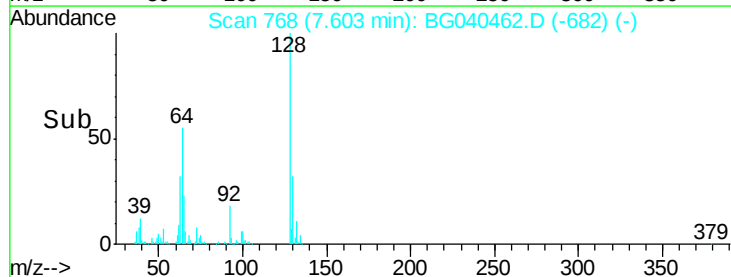
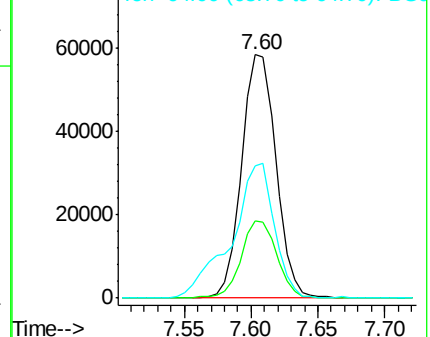
128 100

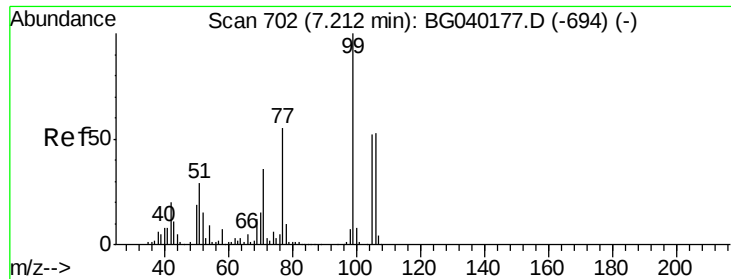
130 31.8 9.1 49.1

64 54.6 33.1 73.1



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 24.490 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

Instrument :

BNA_G

ClientSampleId :

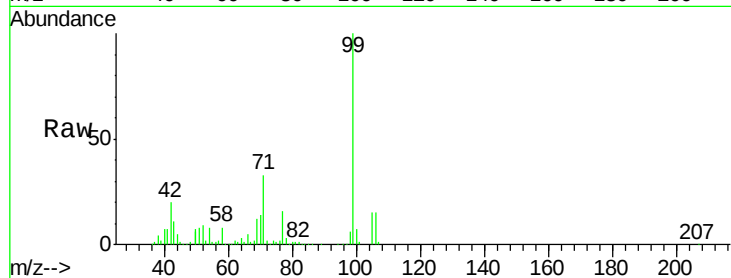
Tot Ion: 77 Resp: 53322

Ion Ratio Lower Upper

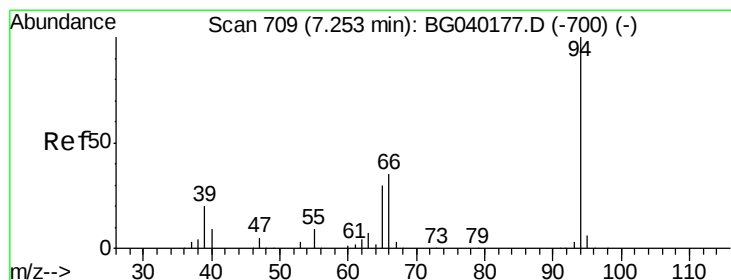
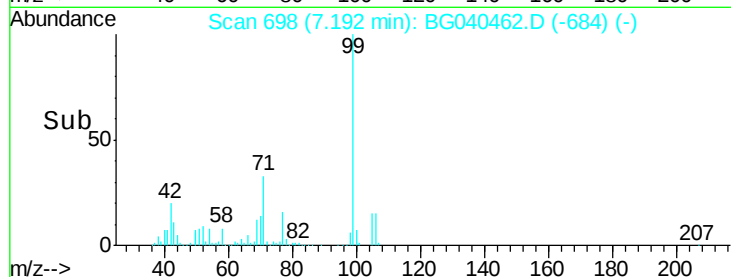
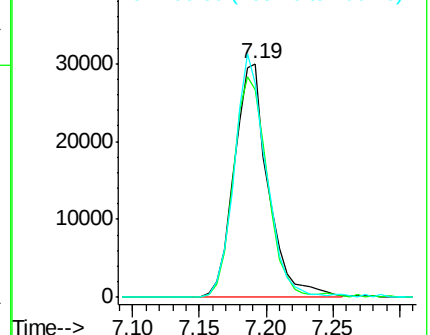
77 100

105 88.8 75.0 115.0

106 91.8 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.602 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

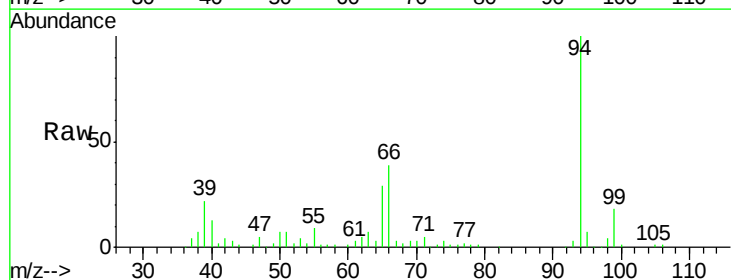
Tgt Ion: 94 Resp: 136443

Ion Ratio Lower Upper

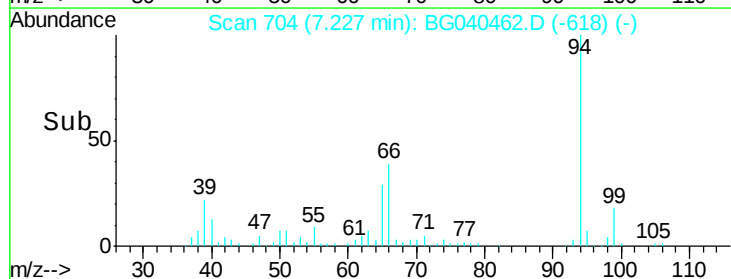
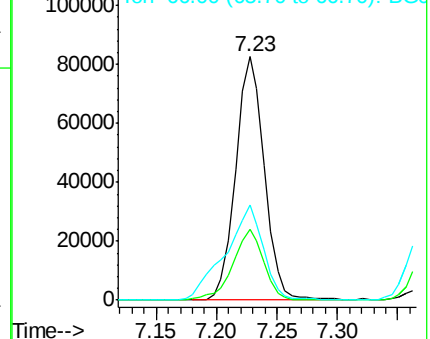
94 100

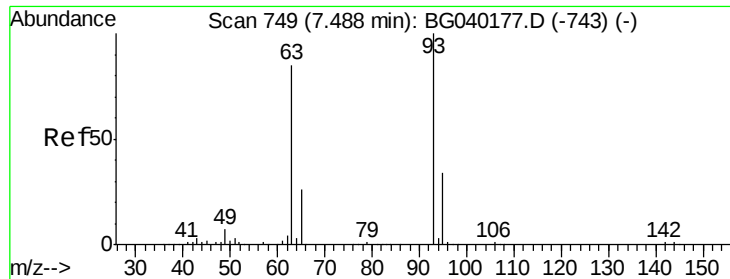
65 29.0 10.5 50.5

66 38.9 16.9 56.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



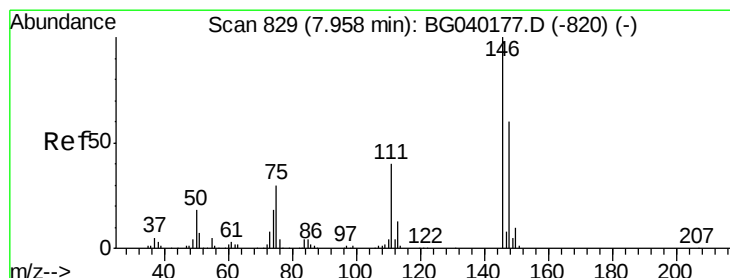
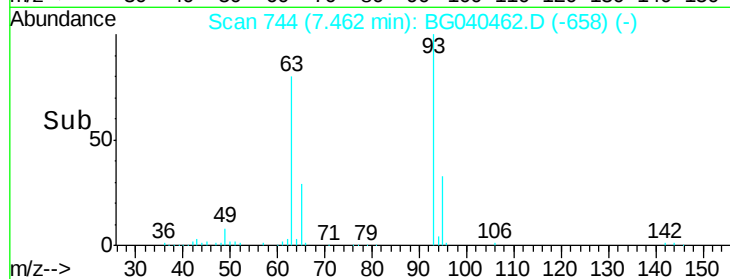
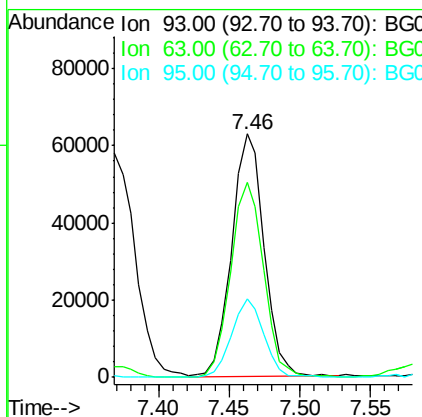
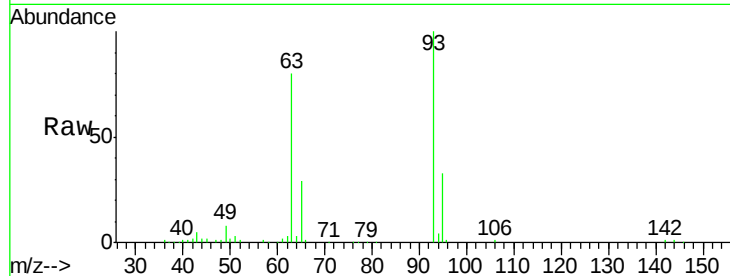


#11
bis(2-Chloroethyl)ether
Concen: 36.264 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.03 min
Lab File: BG040462.D
Acq: 12 Apr 2019 15:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 100071

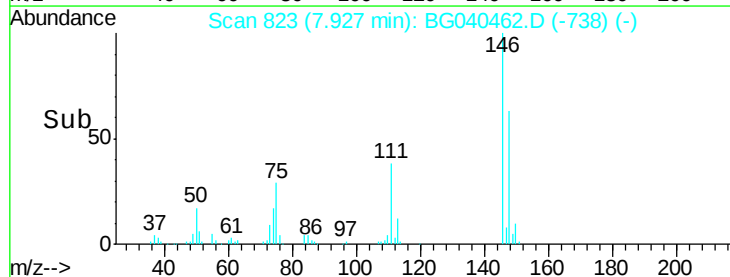
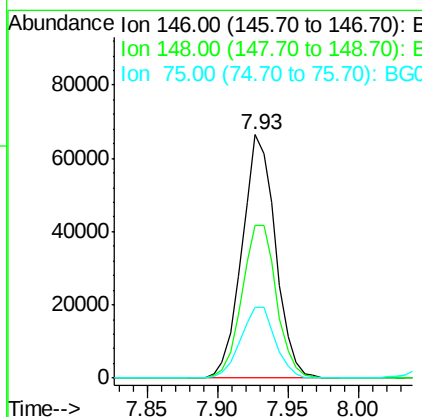
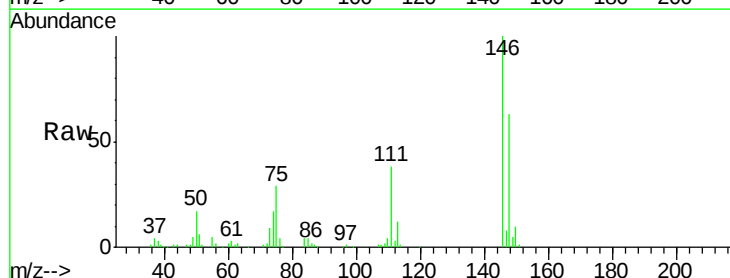
Ion	Ratio	Lower	Upper
93	100		
63	79.9	64.2	104.2
95	32.5	14.0	54.0

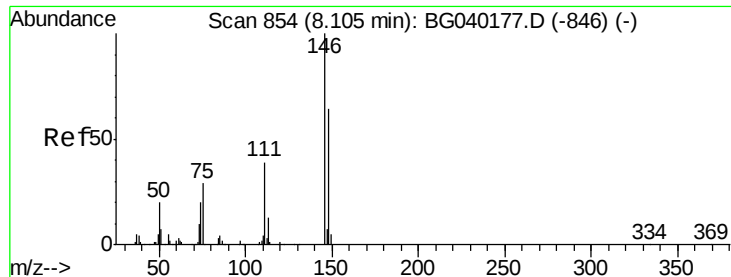


#12
1,3-Dichlorobenzene
Concen: 37.668 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.03 min
Lab File: BG040462.D
Acq: 12 Apr 2019 15:28

Tgt Ion: 146 Resp: 110091

Ion	Ratio	Lower	Upper
146	100		
148	63.0	48.2	72.2
75	29.0	24.1	36.1

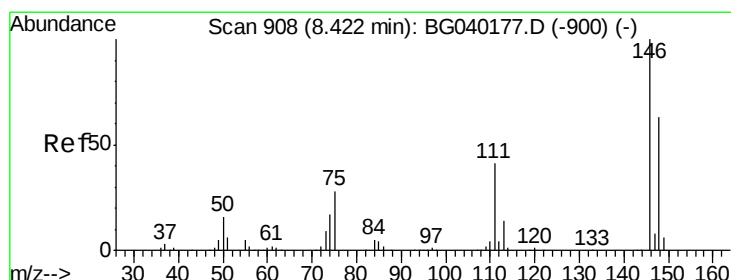
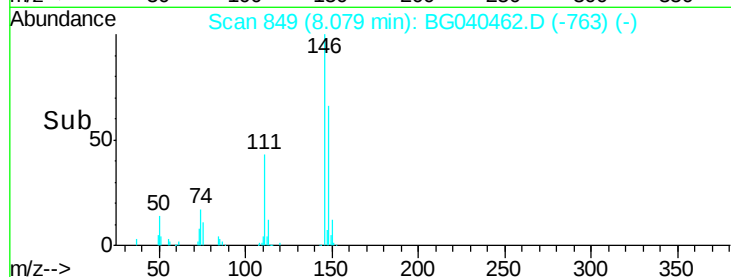
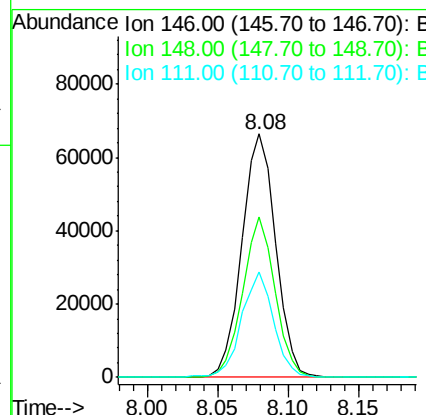
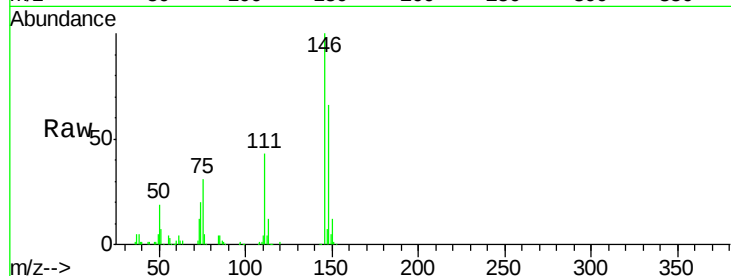




#13
 1,4-Dichlorobenzene
 Concen: 38.243 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.03 min
 Lab File: BG040462.D
 Acq: 12 Apr 2019 15:28

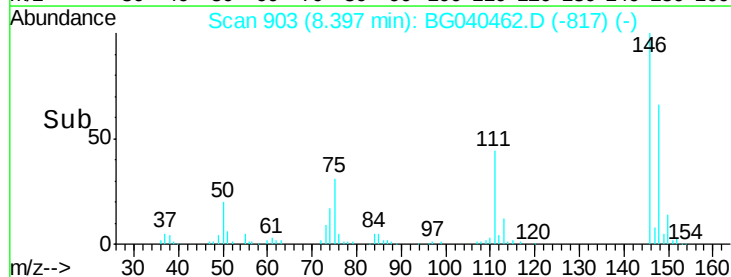
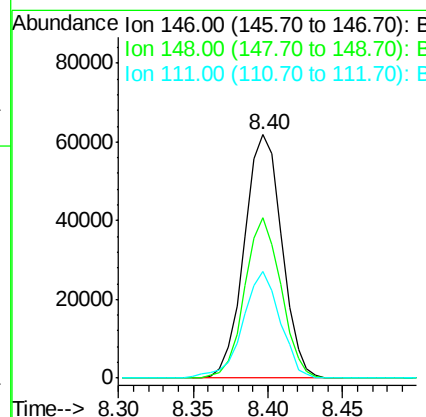
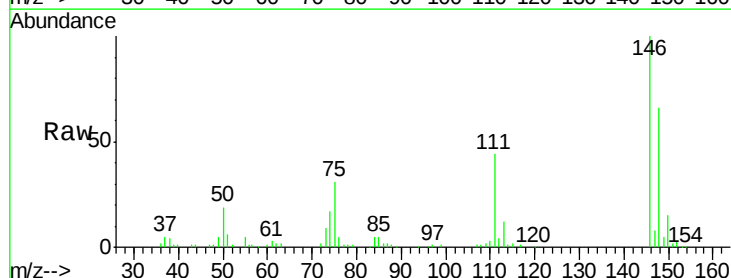
Instrument :
 BNA_G
 ClientSampleId :

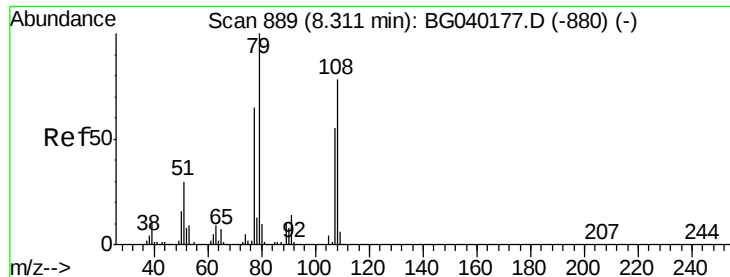
Tot Ion:146 Resp: 111324
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.0 76.4
 111 43.0 31.8 47.6



#14
 1,2-Dichlorobenzene
 Concen: 38.658 ng
 RT: 8.40 min Scan# 903
 Delta R.T. -0.03 min
 Lab File: BG040462.D
 Acq: 12 Apr 2019 15:28

Tgt Ion:146 Resp: 107612
 Ion Ratio Lower Upper
 146 100
 148 66.1 50.8 76.2
 111 43.6 33.4 50.0





#15

Benzyl Alcohol

Concen: 35.742 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

Instrument :

BNA_G

ClientSampleId :

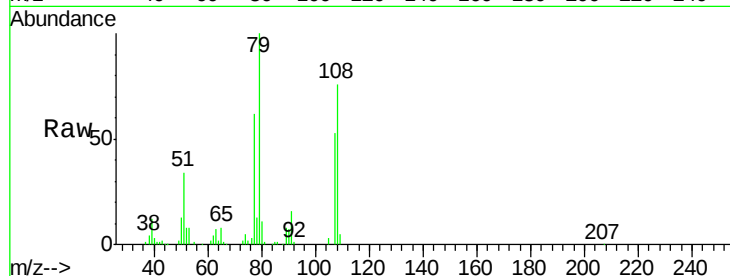
Tot Ion: 79 Resp: 91368

Ion Ratio Lower Upper

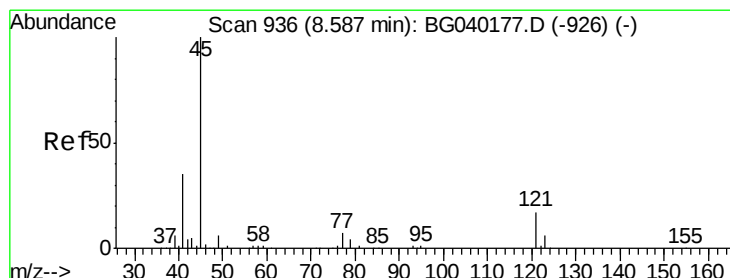
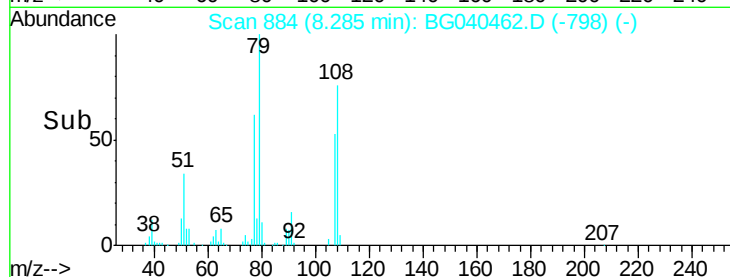
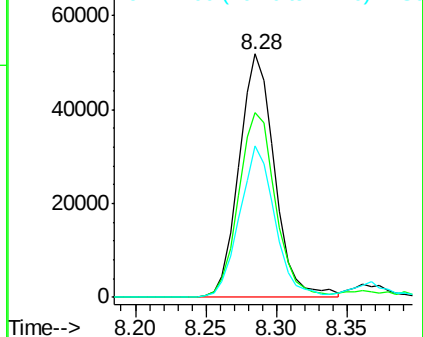
79 100

108 76.0 62.1 93.1

77 61.9 51.9 77.9



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: 36.032 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

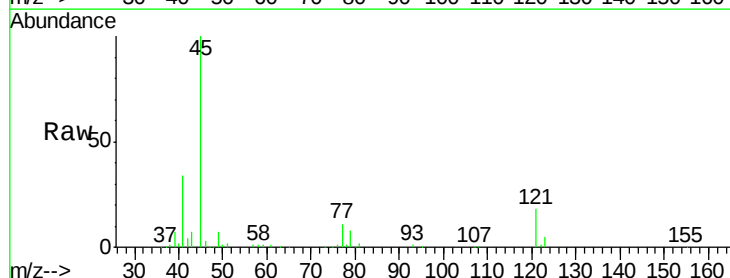
Tgt Ion: 45 Resp: 190828

Ion Ratio Lower Upper

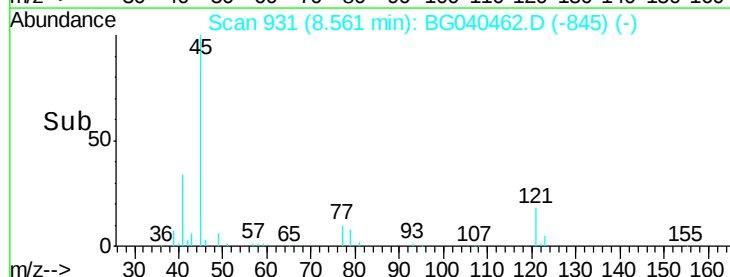
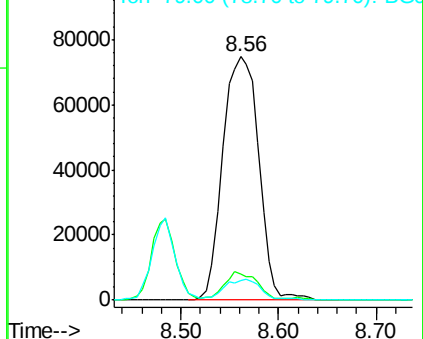
45 100

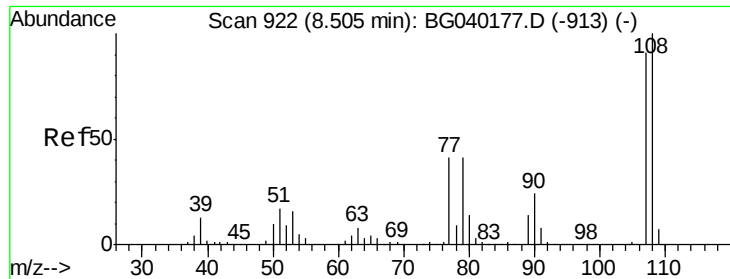
77 10.7 0.0 31.4

79 7.9 0.0 28.3



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: 38.507 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 91803

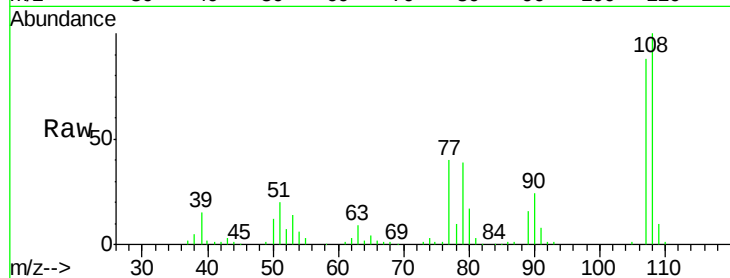
Ion Ratio Lower Upper

107 100

108 113.0 88.2 132.4

77 45.6 36.6 55.0

79 44.6 36.5 54.7

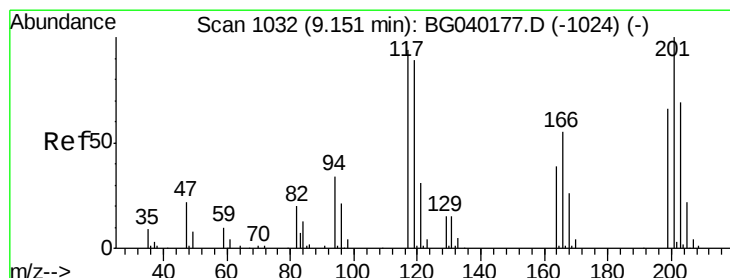
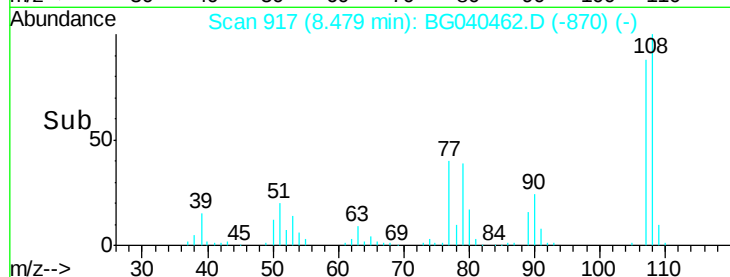
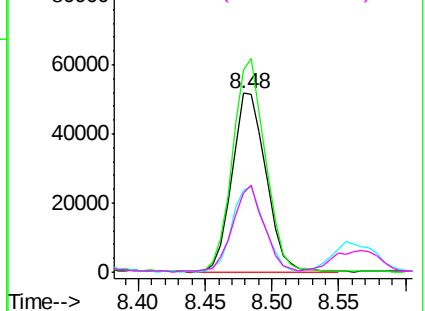


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.186 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

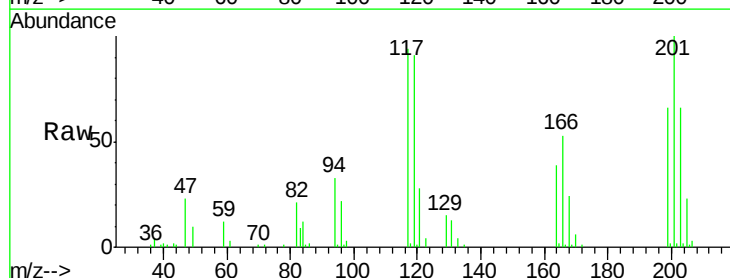
Tgt Ion:117 Resp: 38960

Ion Ratio Lower Upper

117 100

119 97.5 76.6 115.0

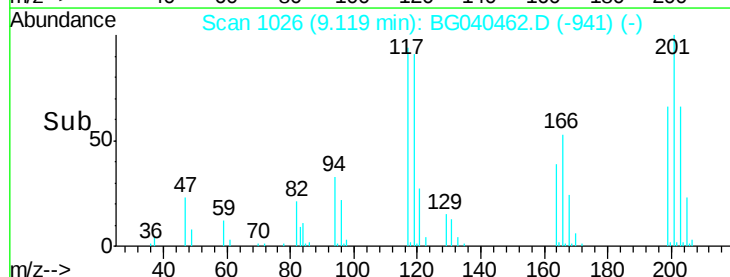
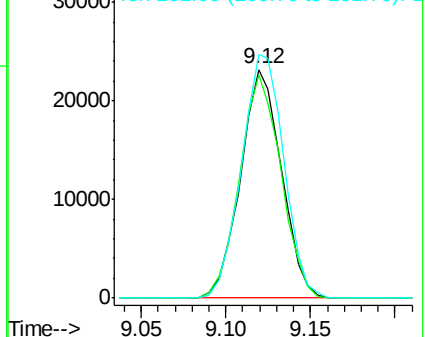
201 106.6 85.0 127.4

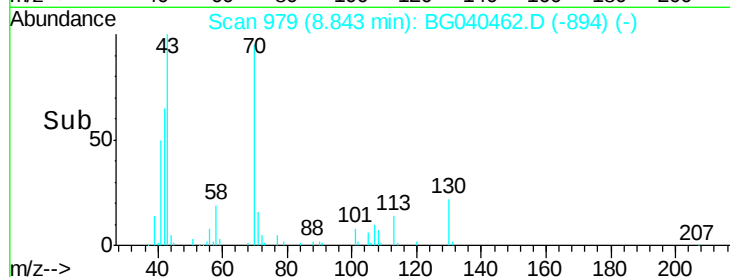
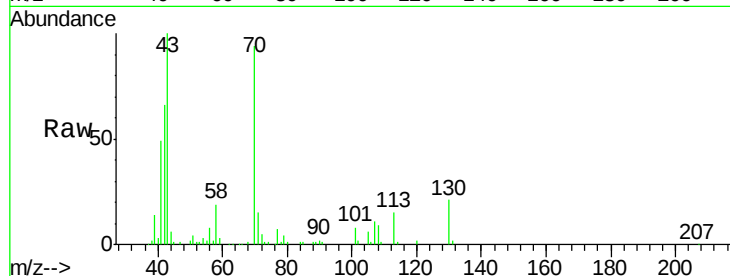
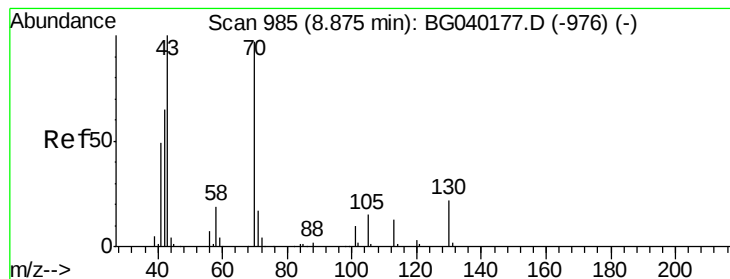


Abundance Ion 117.00 (116.70 to 117.70): E

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: 33.573 ng

RT: 8.84 min Scan# 979

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 76407

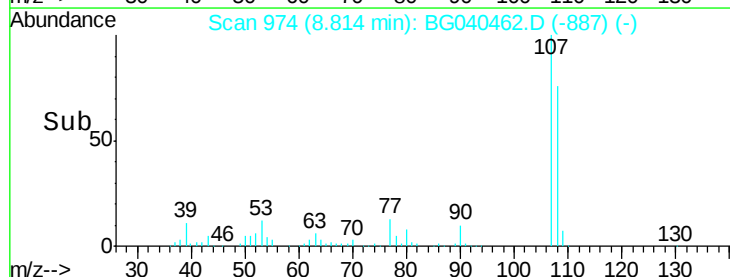
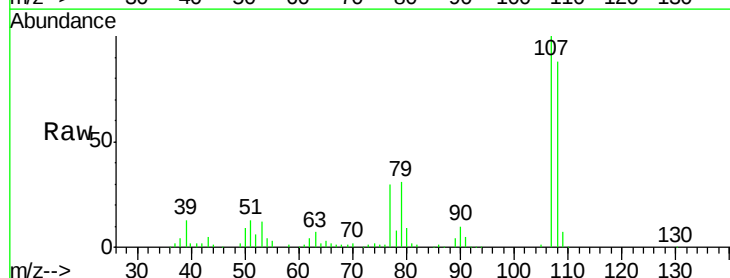
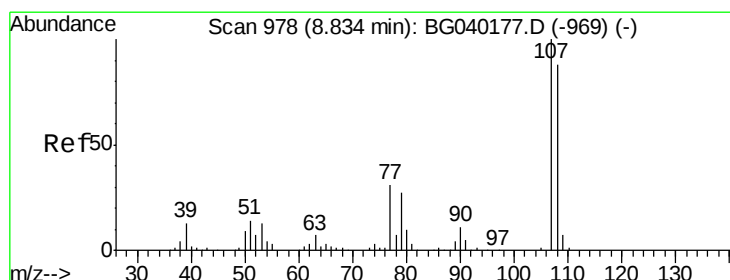
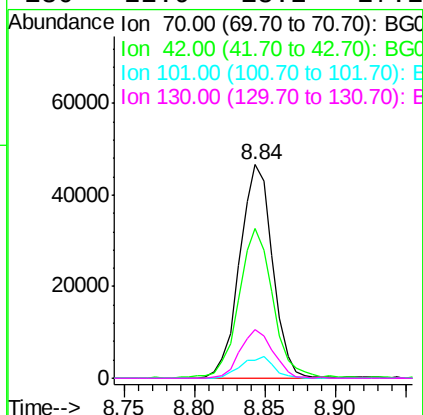
Ion Ratio Lower Upper

70 100

42 70.3 54.0 81.0

101 8.7 8.6 13.0

130 22.9 18.2 27.2



#20

3+4-Methylphenols

Concen: 38.984 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.02 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

Tgt Ion:107 Resp: 125907

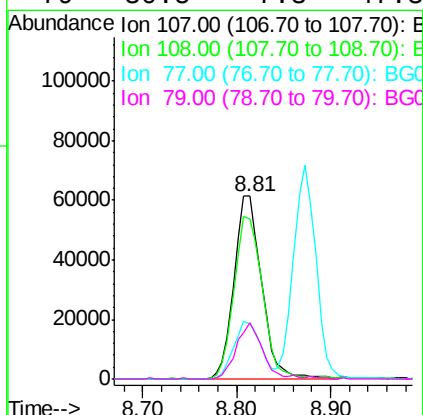
Ion Ratio Lower Upper

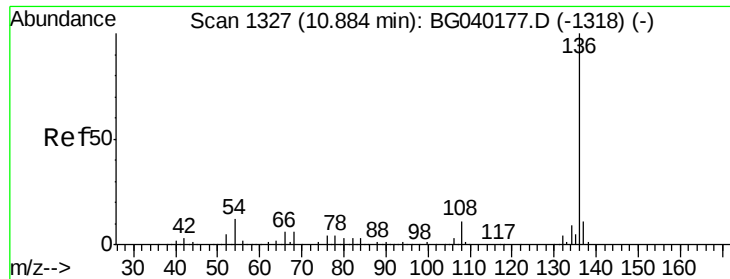
107 100

108 87.8 68.3 108.3

77 29.9 11.3 51.3

79 30.5 7.3 47.3

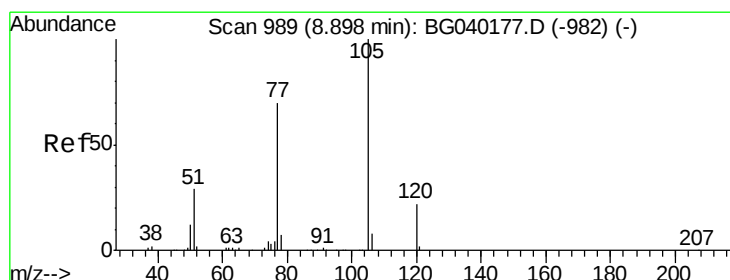
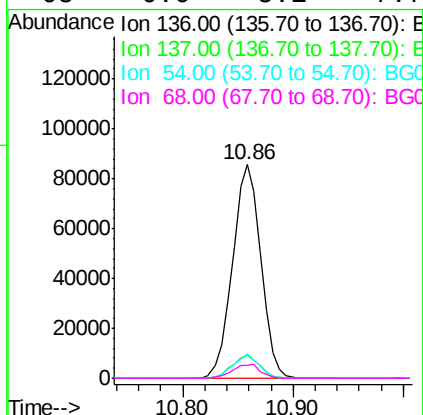
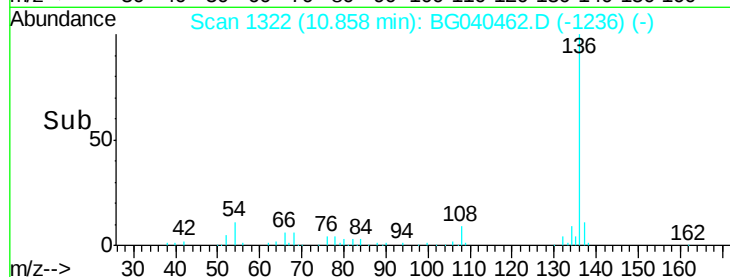
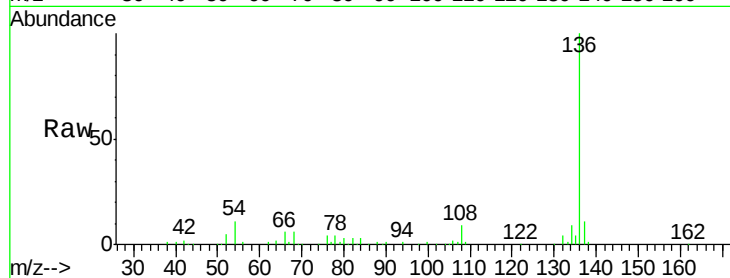




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040462.D
Acq: 12 Apr 2019 15:28

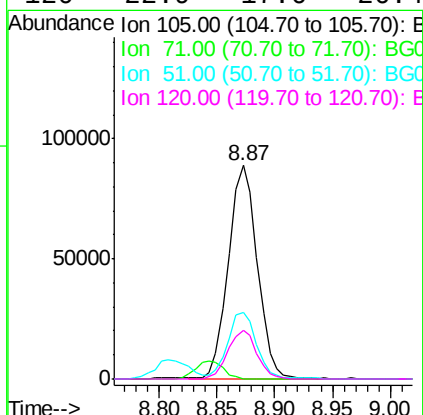
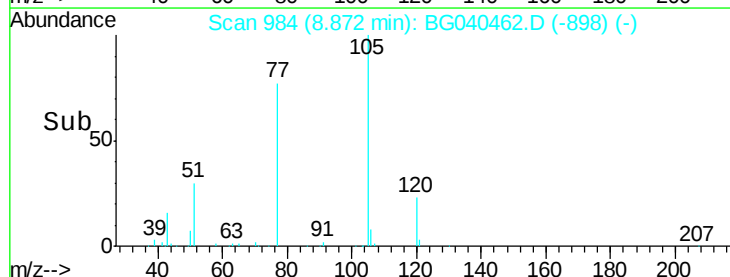
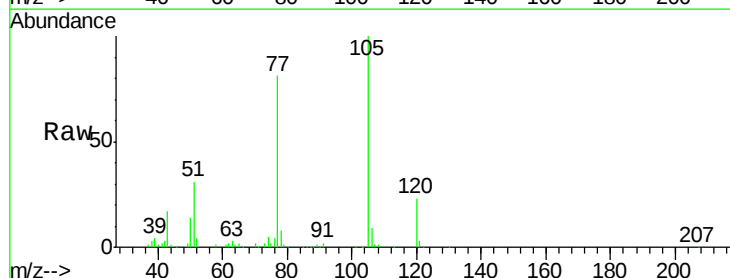
Instrument :
BNA_G
ClientSampleId :

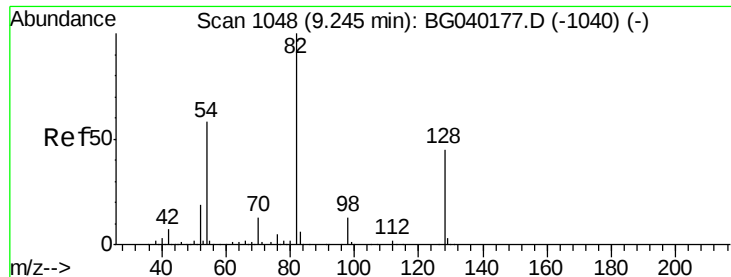
Tot Ion:136	Resp:	153883
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.9	13.3
54 11.2	9.6	14.4
68 6.0	5.1	7.7



#22
Acetophenone
Concen: 40.311 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.03 min
Lab File: BG040462.D
Acq: 12 Apr 2019 15:28

Tgt	Ion:105	Resp:	154737
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.6	1.0#
51	31.1	25.1	37.7
120	22.9	17.6	26.4

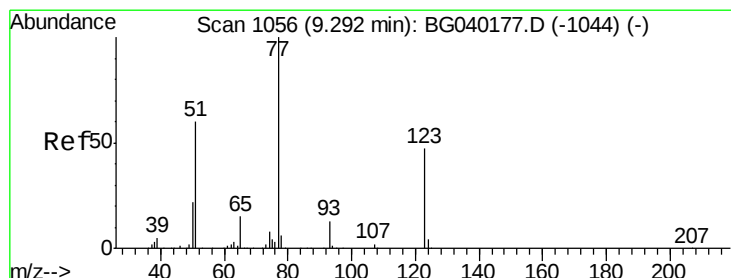
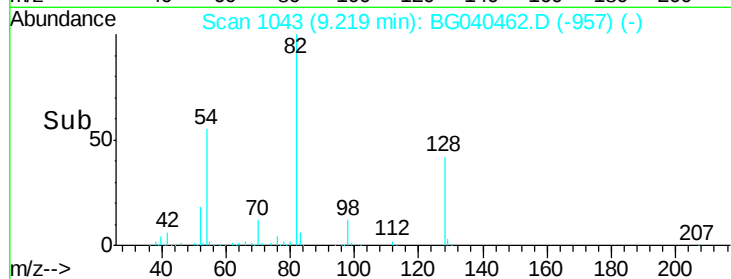
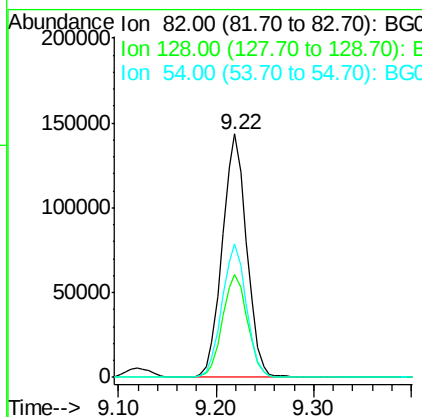
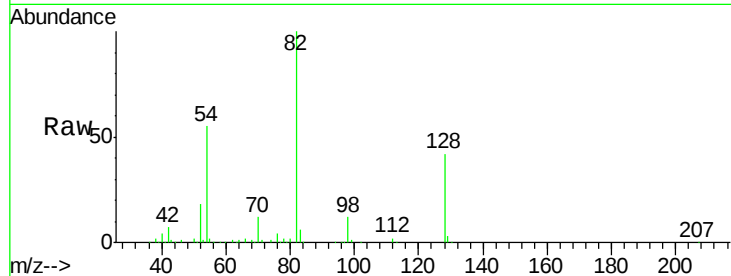




#23
 Nitrobenzene-d5
 Concen: 85.895 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BG040462.D
 Acq: 12 Apr 2019 15:28

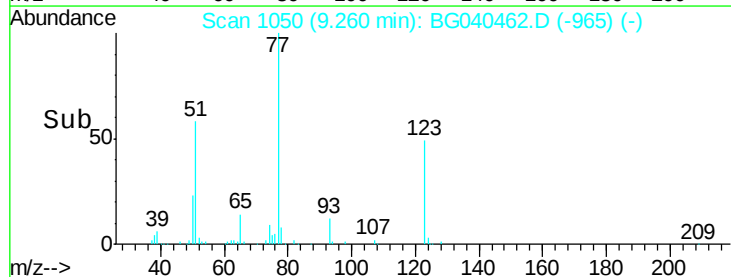
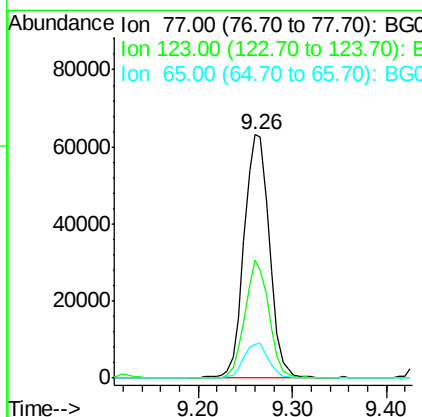
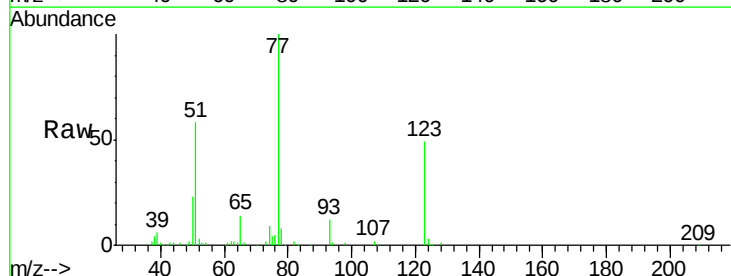
Instrument :
 BNA_G
 ClientSampleId :

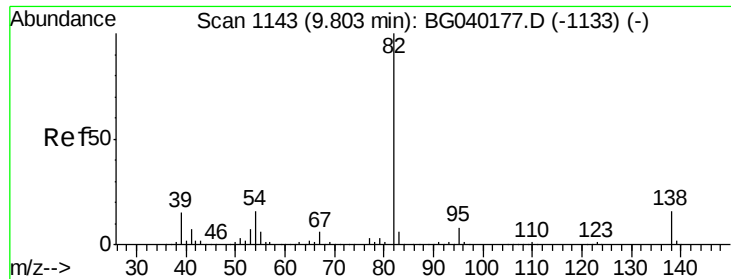
Tot Ion	82	Resp	248671
Ion Ratio	100	Lower	Upper
128	42.4	35.8	53.8
54	55.0	46.2	69.2



#24
 Nitrobenzene
 Concen: 39.377 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.03 min
 Lab File: BG040462.D
 Acq: 12 Apr 2019 15:28

Tgt Ion	77	Resp	118050
Ion Ratio	100	Lower	Upper
123	48.7	37.8	56.6
65	13.9	12.0	18.0





#25

Isophorone

Concen: 37.827 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

Instrument :

BNA_G

ClientSampleId :

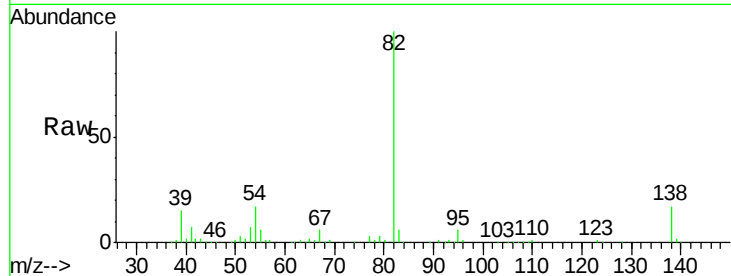
Tot Ion: 82 Resp: 225327

Ion Ratio Lower Upper

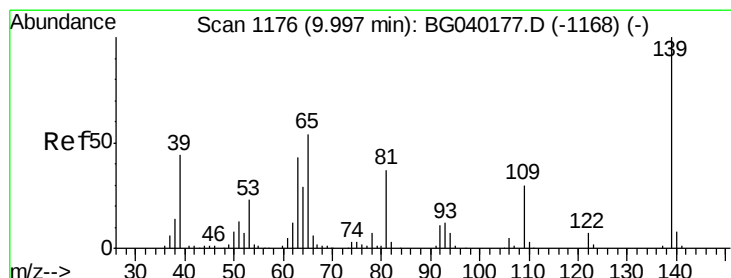
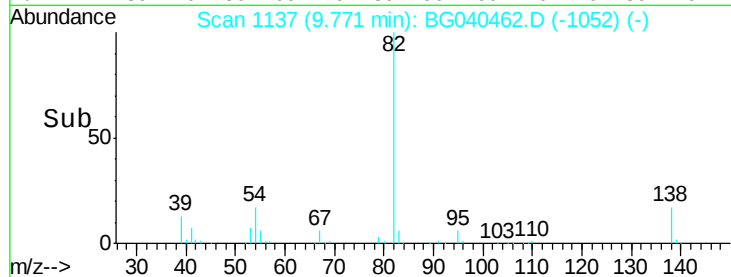
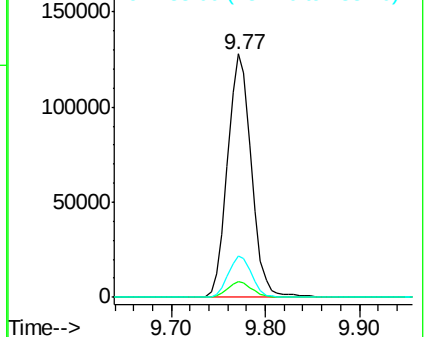
82 100

95 6.4 6.1 9.1

138 16.9 13.2 19.8



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: 39.048 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

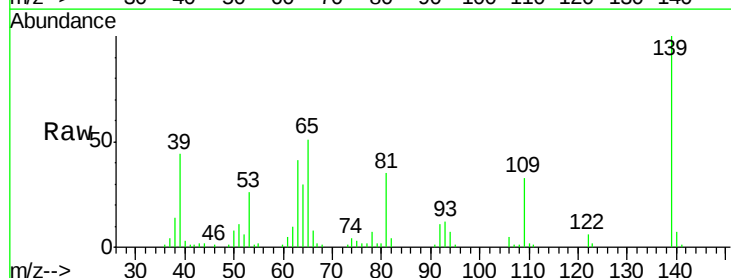
Tgt Ion: 139 Resp: 55469

Ion Ratio Lower Upper

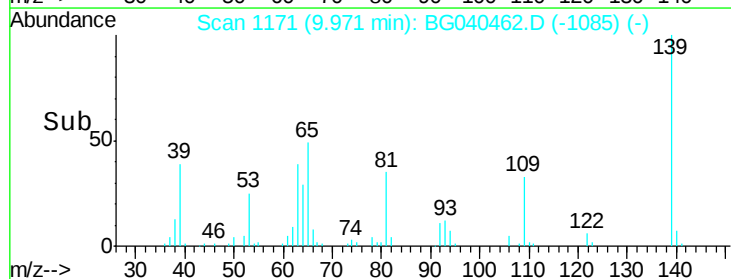
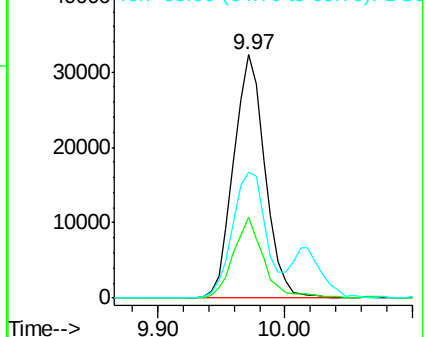
139 100

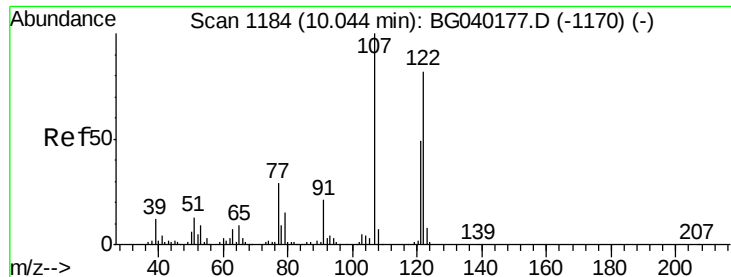
109 33.1 24.1 36.1

65 51.5 43.0 64.6



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

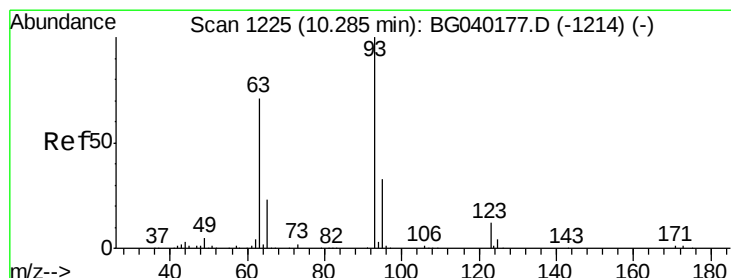
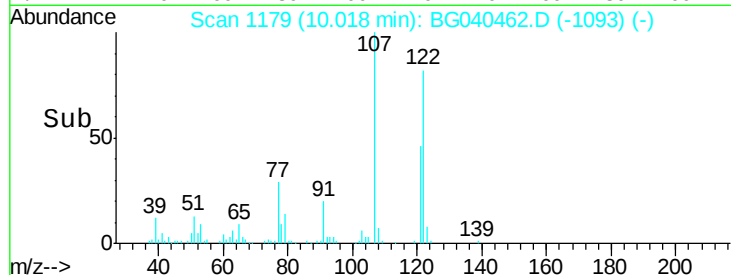
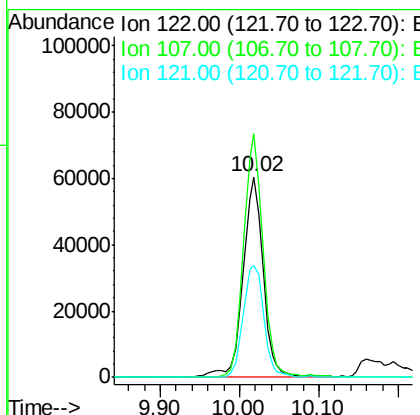
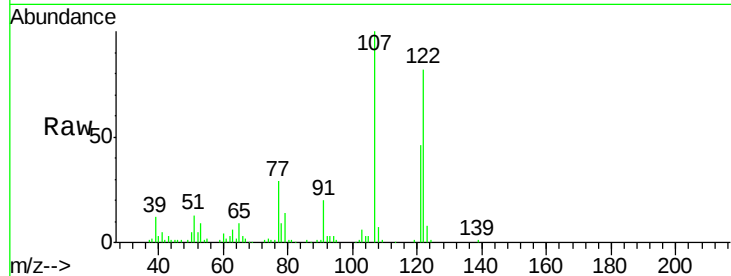




#27
 2,4-Dimethylphenol
 Concen: 47.619 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.03 min
 Lab File: BG040462.D
 Acq: 12 Apr 2019 15:28

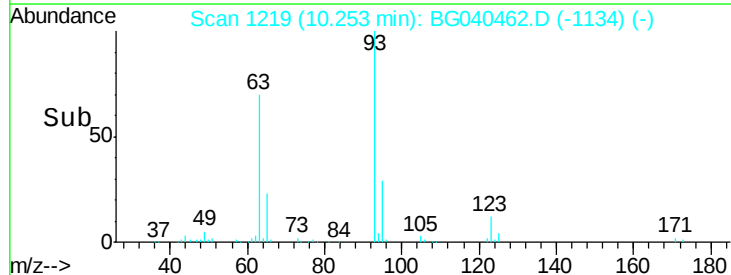
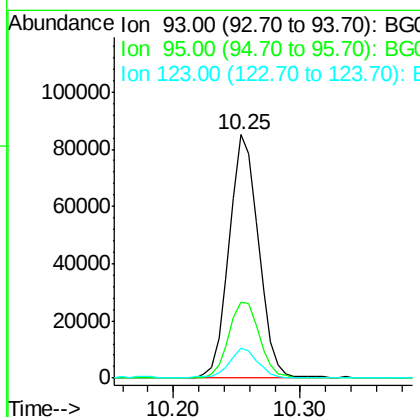
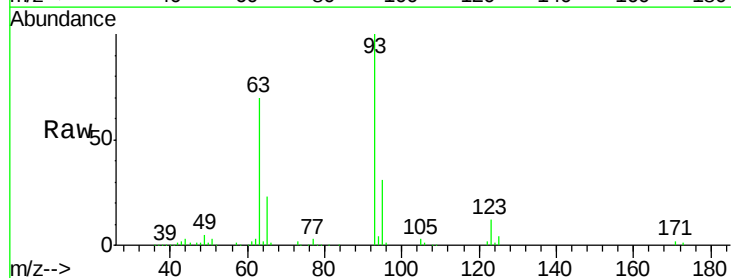
Instrument :
 BNA_G
 ClientSampleId :

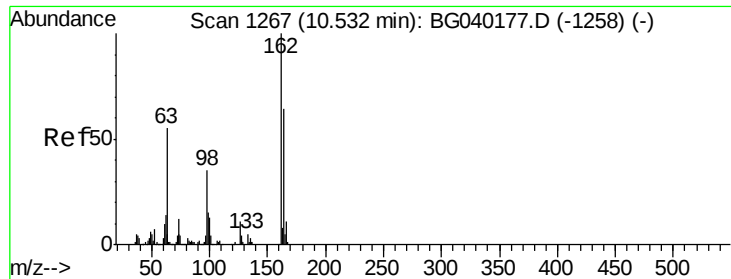
Tot Ion:122 Resp: 107450
 Ion Ratio Lower Upper
 122 100
 107 121.6 97.4 146.2
 121 56.0 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.707 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.03 min
 Lab File: BG040462.D
 Acq: 12 Apr 2019 15:28

Tgt Ion: 93 Resp: 136412
 Ion Ratio Lower Upper
 93 100
 95 31.3 26.2 39.4
 123 12.1 9.4 14.0

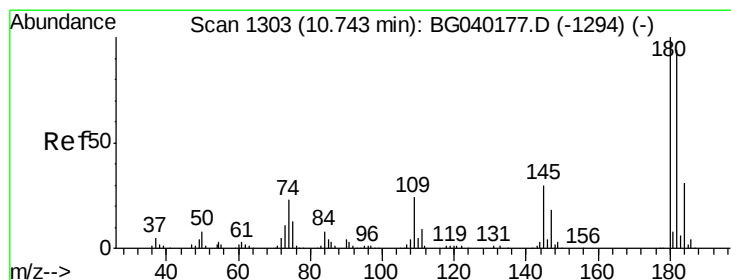
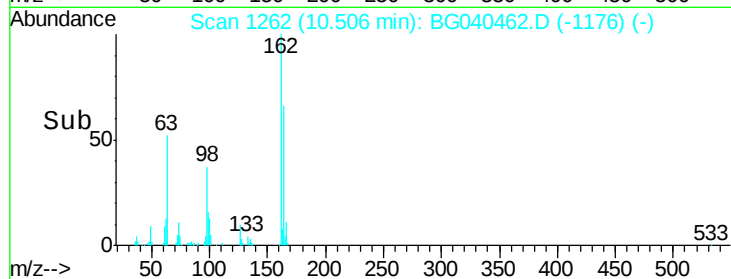
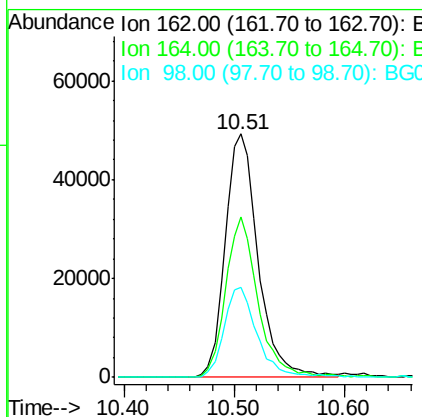
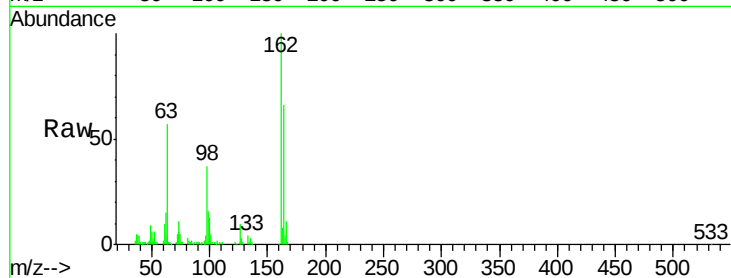




#29
 2,4-Dichlorophenol
 Concen: 42.027 ng
 RT: 10.51 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040462.D
 Acq: 12 Apr 2019 15:28

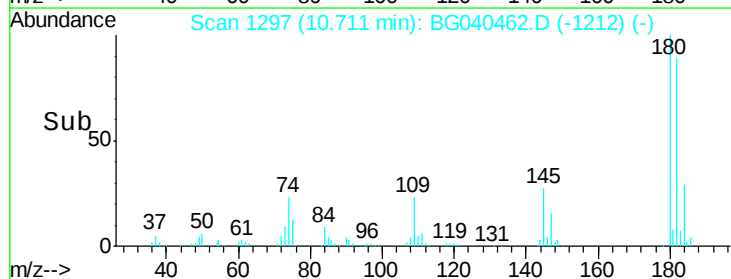
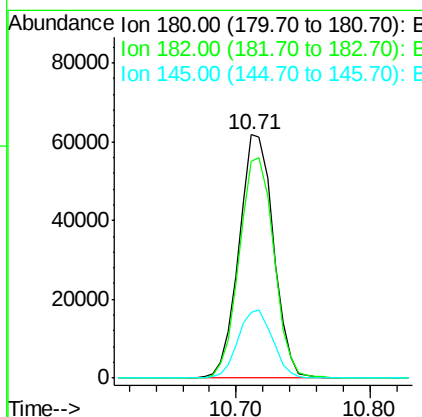
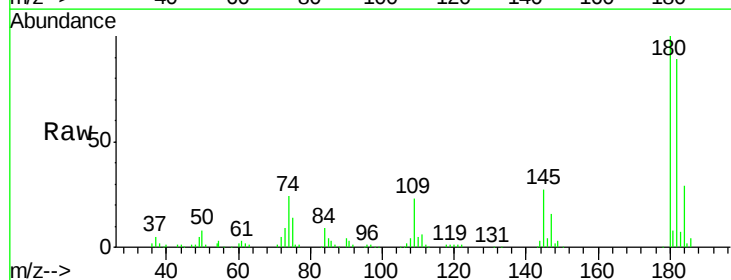
Instrument :
 BNA_G
 ClientSampleId :

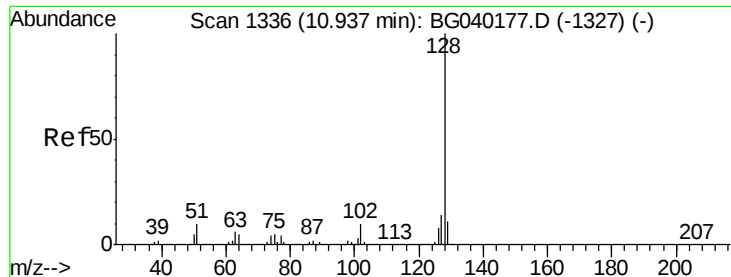
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	43.9	83.9
98	36.8	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 40.915 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. -0.03 min
 Lab File: BG040462.D
 Acq: 12 Apr 2019 15:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.3	75.1	112.7
145	27.1	24.1	36.1

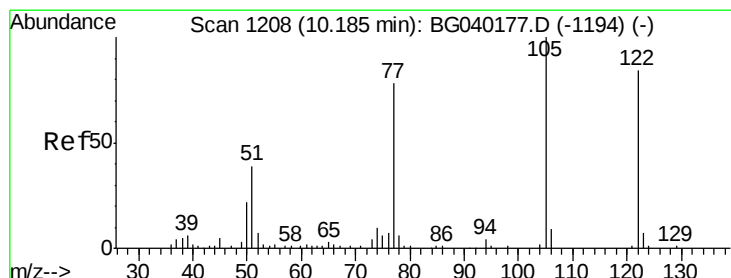
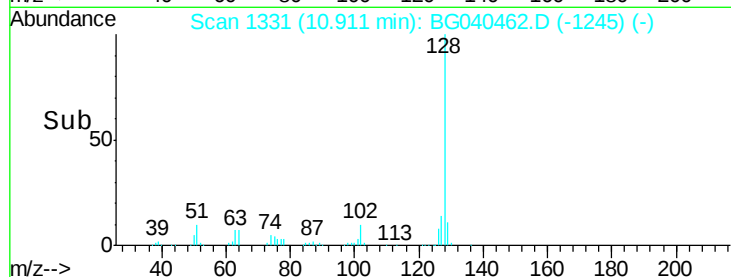
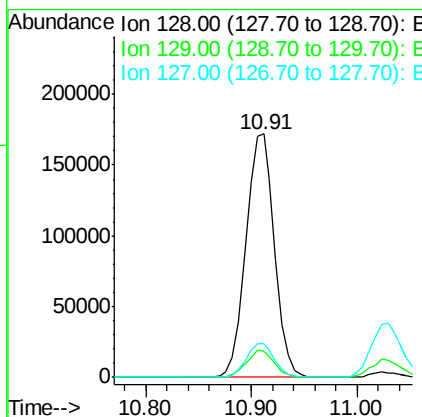
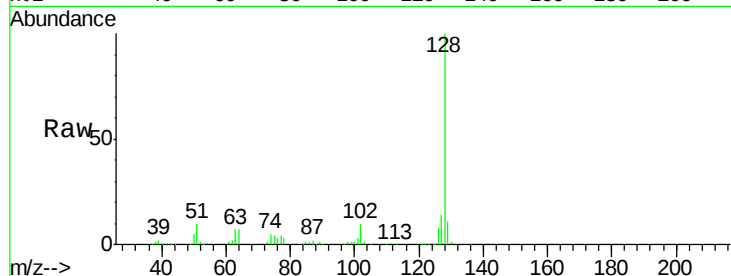




#31
Naphthalene
Concen: 40.753 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040462.D
Acq: 12 Apr 2019 15:28

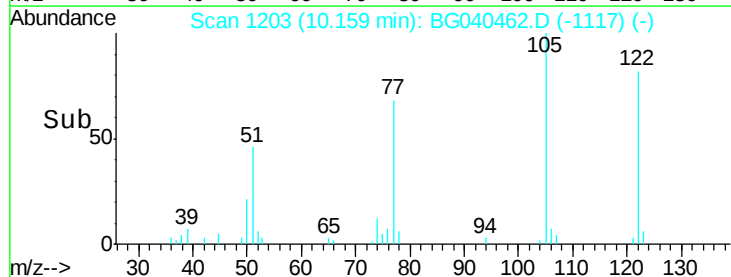
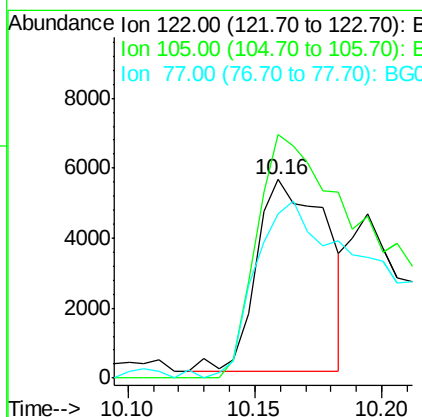
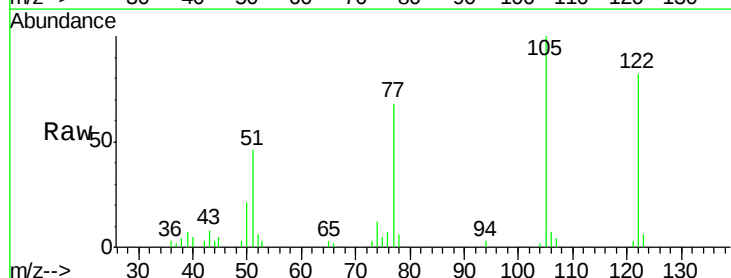
Instrument :
BNA_G
ClientSampleId :

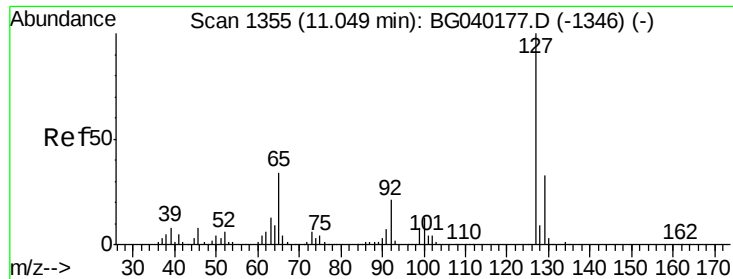
Tot Ion:128 Resp: 321444
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 14.0 11.4 17.0



#32
Benzoic acid
Concen: 7.744 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.03 min
Lab File: BG040462.D
Acq: 12 Apr 2019 15:28

Tgt Ion:122 Resp: 10557
Ion Ratio Lower Upper
122 100
105 122.5 98.2 138.2
77 82.7 73.6 113.6

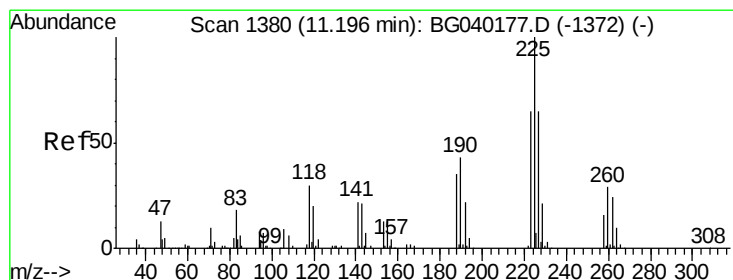
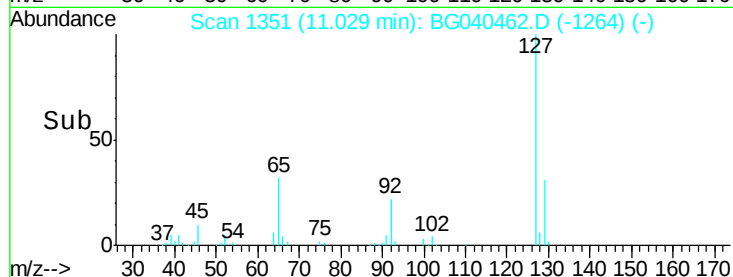
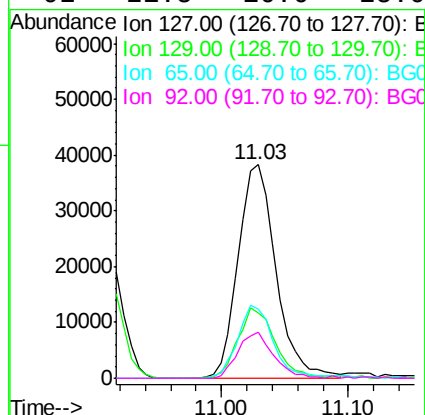
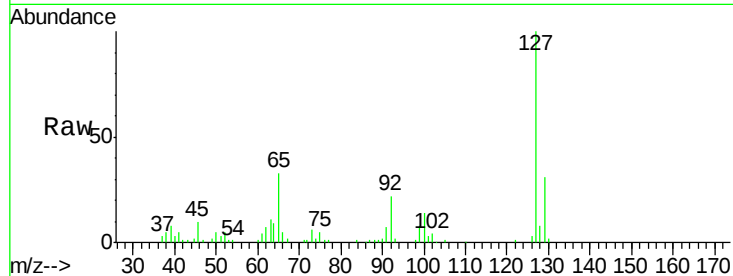




#33
4-Chloroaniline
Concen: 23.596 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040462.D
Acq: 12 Apr 2019 15:28

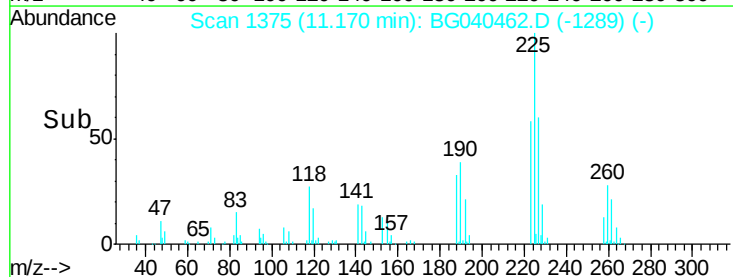
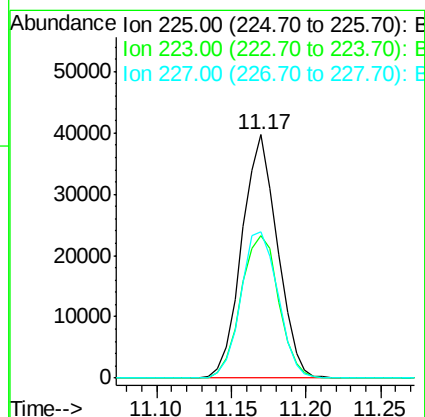
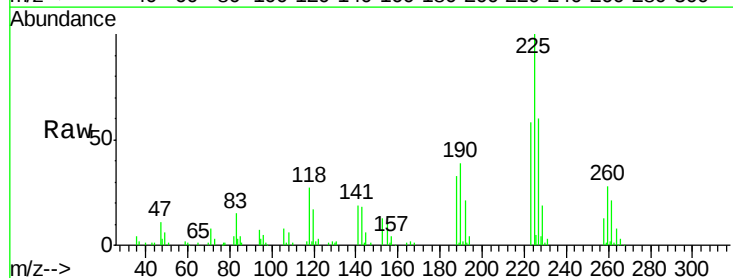
Instrument :
BNA_G
ClientSampled :

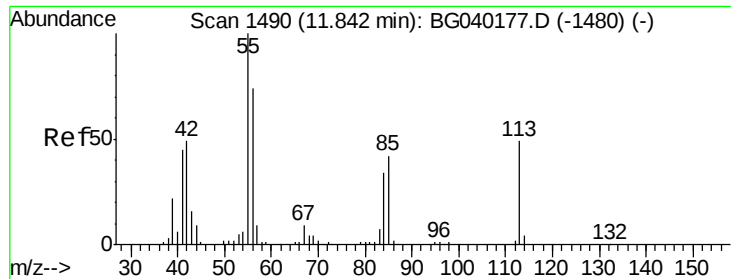
Tot Ion:	127	Resp:	79388
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.6	40.0
65	32.7	27.0	40.4
92	21.5	16.6	25.0



#34
Hexachlorobutadiene
Concen: 38.102 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BG040462.D
Acq: 12 Apr 2019 15:28

Tgt Ion:	225	Resp:	65533
Ion	Ratio	Lower	Upper
225	100		
223	58.4	51.8	77.8
227	60.2	54.9	82.3





#35

Caprolactam

Concen: 40.939 ng

RT: 11.80 min Scan# 1482

Delta R.T. -0.04 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

Instrument :

BNA_G

ClientSampleId :

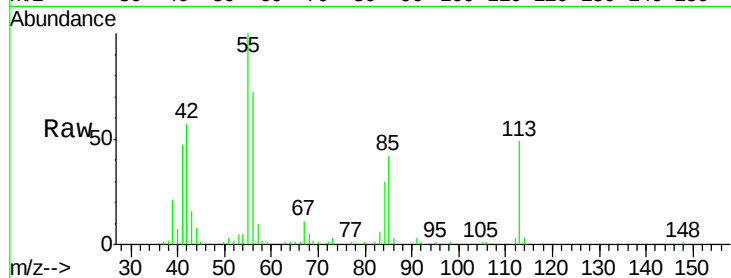
Tot Ion:113 Resp: 39790

Ion Ratio Lower Upper

113 100

55 205.4 184.2 224.2

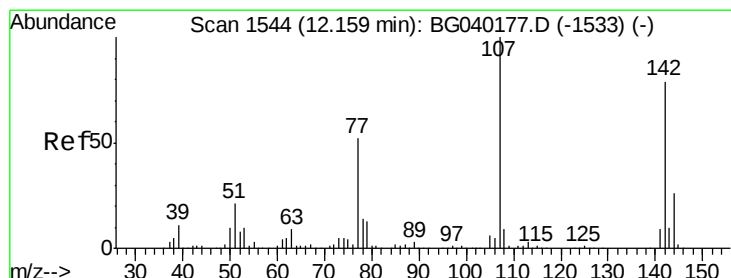
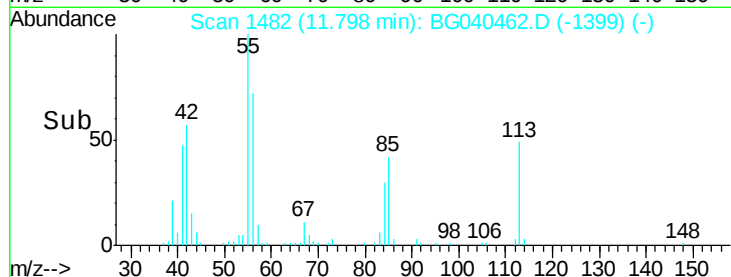
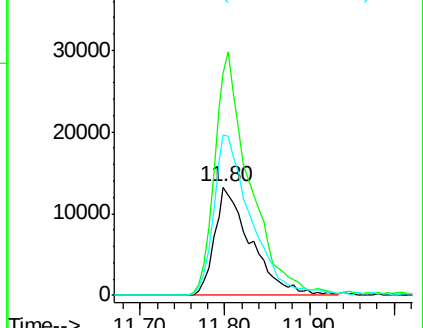
56 148.0 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 43.414 ng

RT: 12.13 min Scan# 1539

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

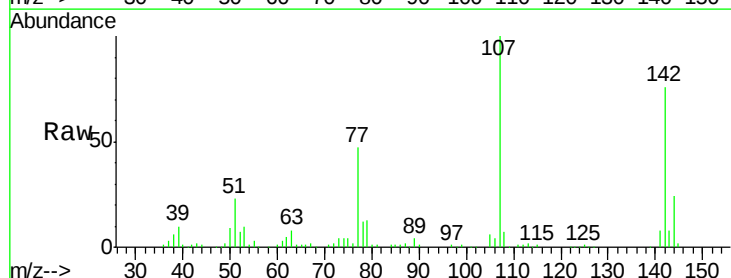
Tgt Ion:107 Resp: 122239

Ion Ratio Lower Upper

107 100

144 24.0 20.5 30.7

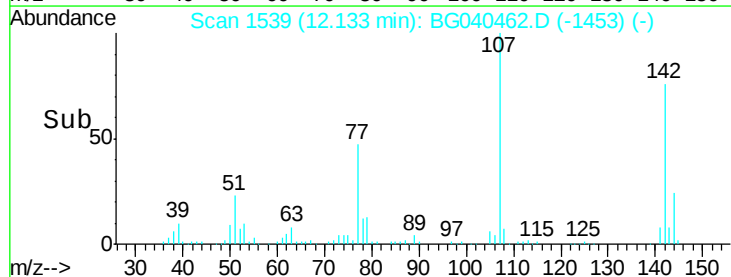
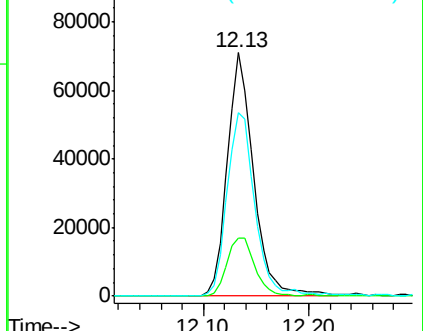
142 75.5 63.1 94.7

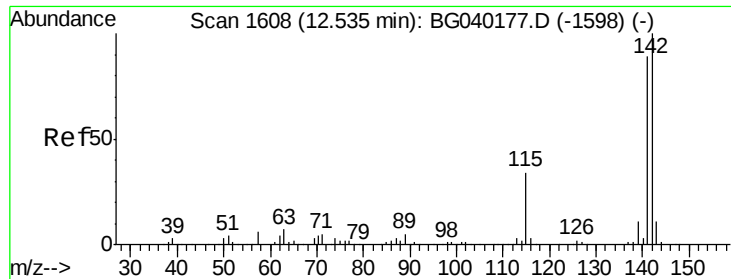


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

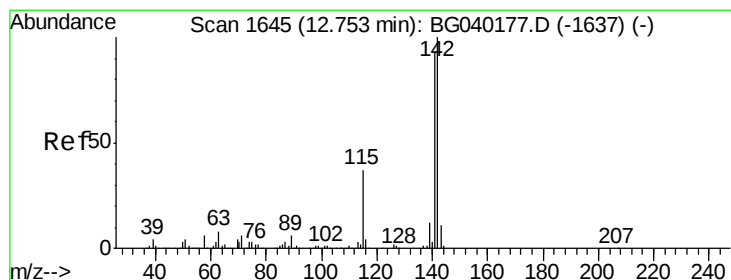
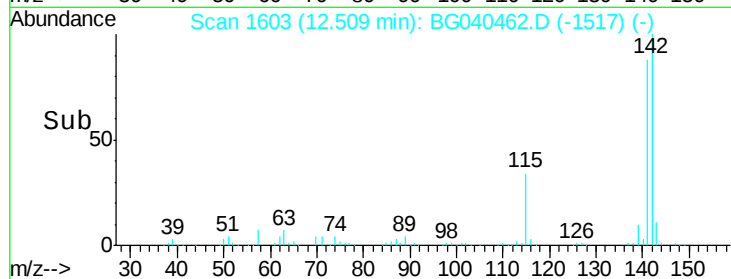
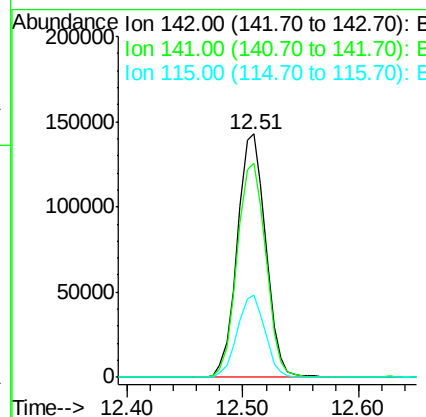
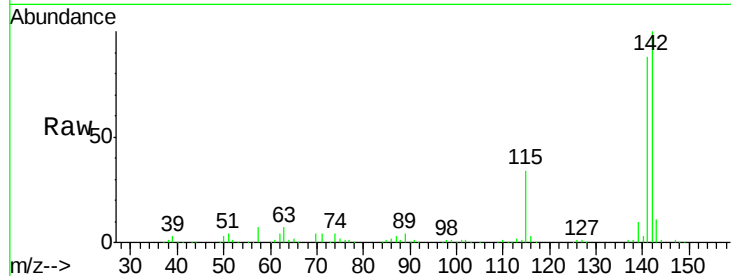




#37
2-Methylnaphthalene
Concen: 41.738 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.03 min
Lab File: BG040462.D
Acq: 12 Apr 2019 15:28

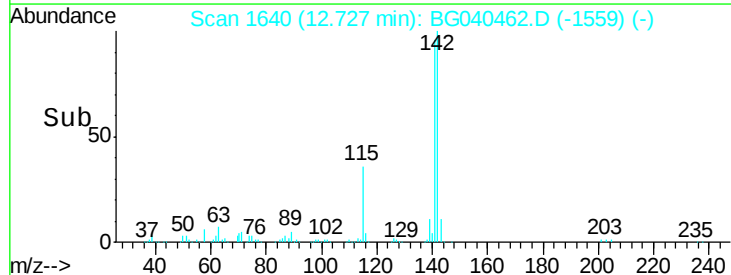
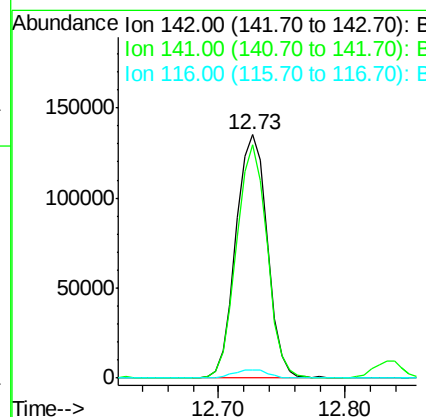
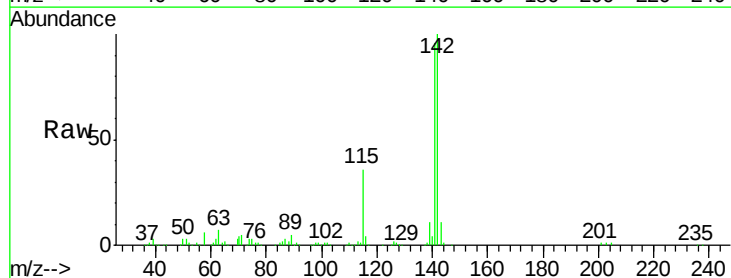
Instrument :
BNA_G
ClientSampleId :

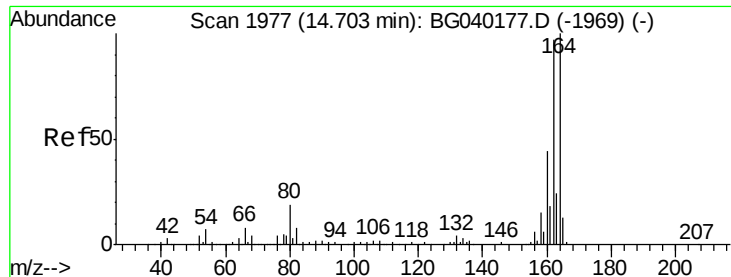
Tot Ion:142 Resp: 243480
Ion Ratio Lower Upper
142 100
141 87.8 71.0 106.6
115 33.9 27.3 40.9



#38
1-Methylnaphthalene
Concen: 40.859 ng
RT: 12.73 min Scan# 1640
Delta R.T. -0.03 min
Lab File: BG040462.D
Acq: 12 Apr 2019 15:28

Tgt Ion:142 Resp: 231131
Ion Ratio Lower Upper
142 100
141 96.1 74.2 111.4
116 3.5 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

Instrument :

BNA_G

ClientSampleId :

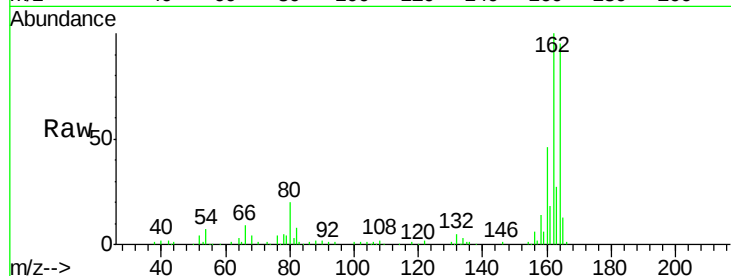
Tot Ion:164 Resp: 99257

Ion Ratio Lower Upper

164 100

162 104.8 77.4 116.2

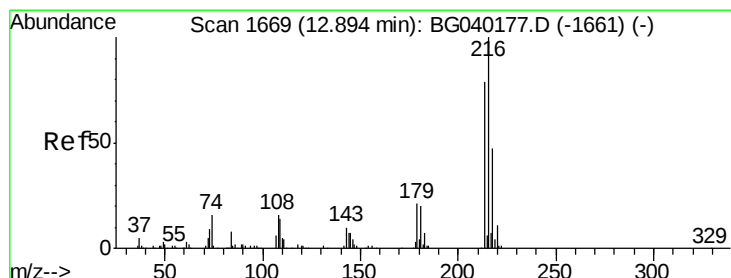
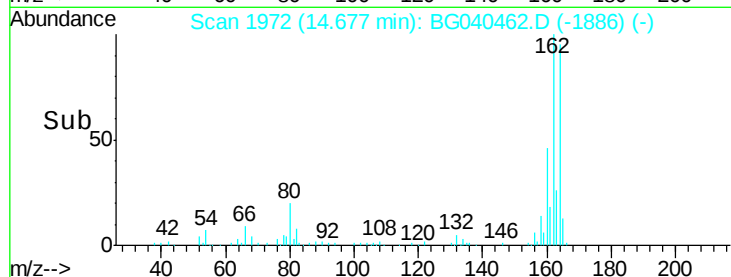
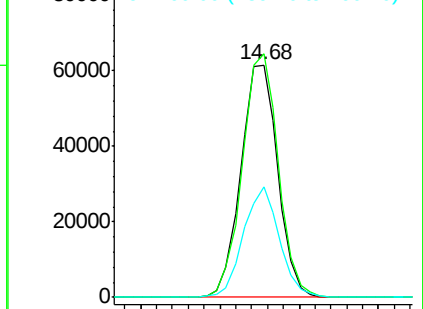
160 47.7 35.3 52.9



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: 39.638 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

Tgt Ion:216 Resp: 125047

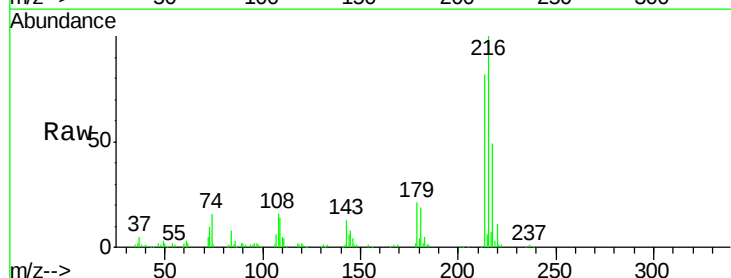
Ion Ratio Lower Upper

216 100

214 79.0 63.5 95.3

179 19.7 16.6 25.0

108 18.5 13.8 20.8

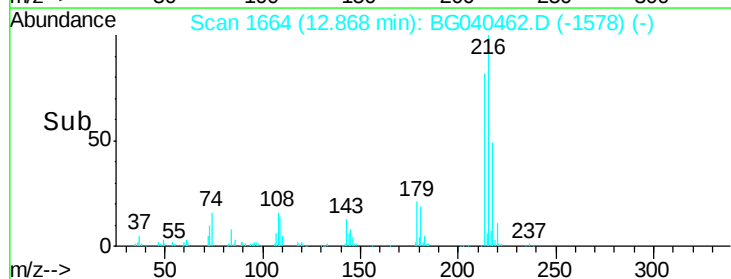
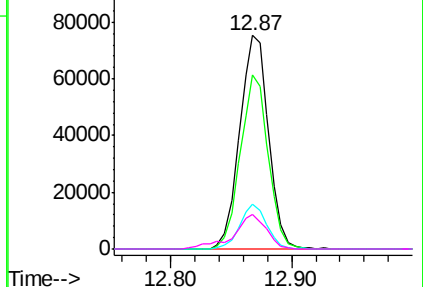


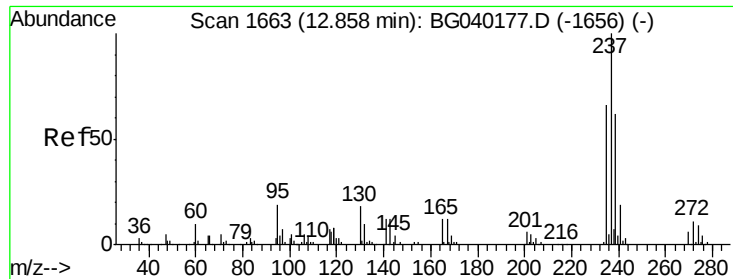
Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.729 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

Instrument :

BNA_G

ClientSampled :

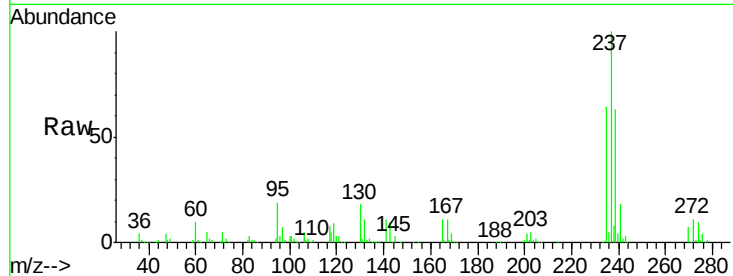
Tot Ion:237 Resp: 134641

Ion Ratio Lower Upper

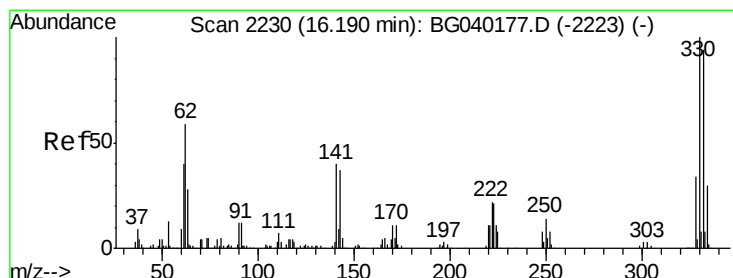
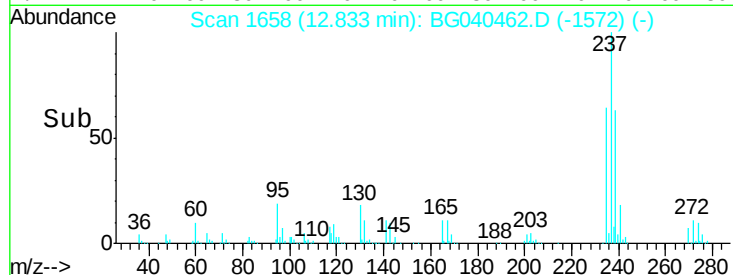
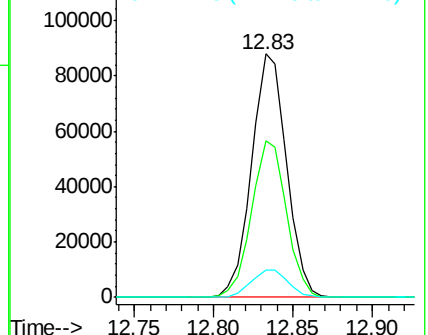
237 100

235 64.3 46.2 86.2

272 11.1 0.0 30.5



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: 153.521 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

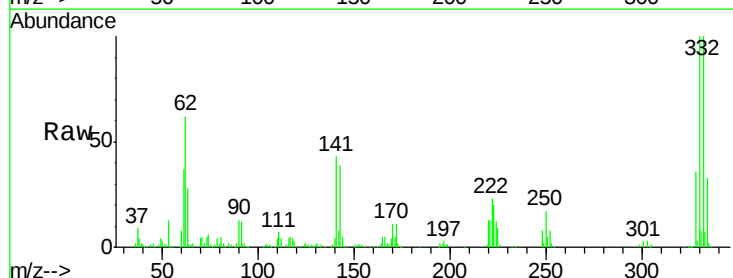
Tgt Ion:330 Resp: 164683

Ion Ratio Lower Upper

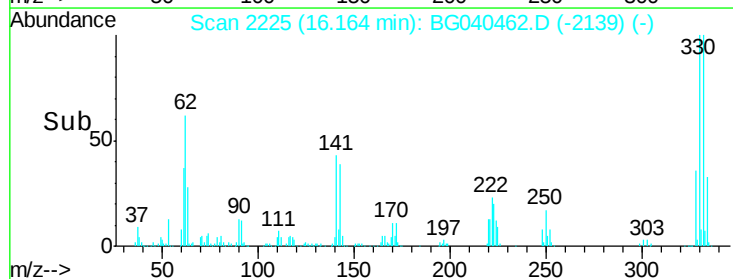
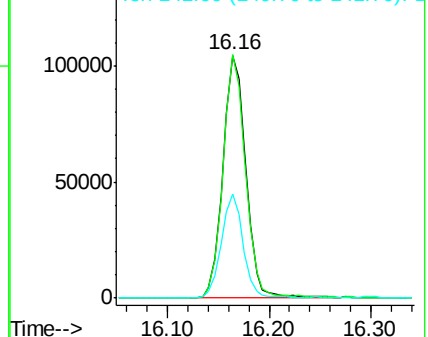
330 100

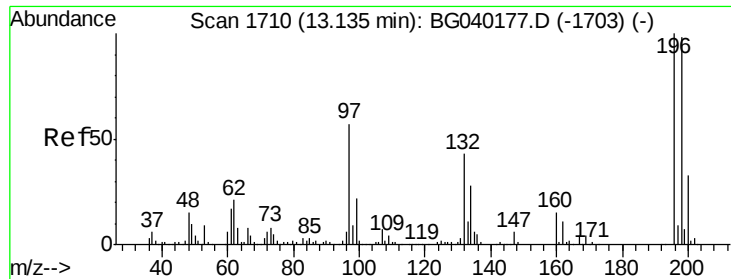
332 98.0 76.6 115.0

141 40.7 32.6 48.8



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

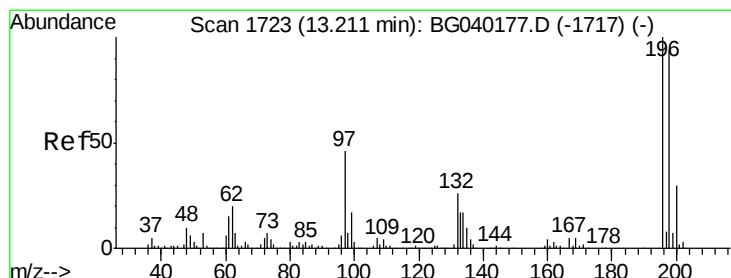
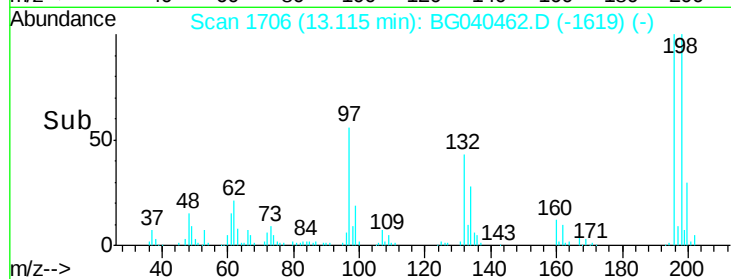
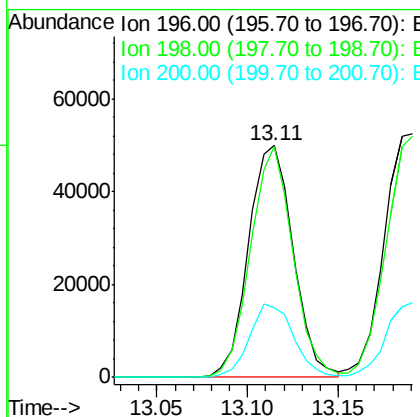
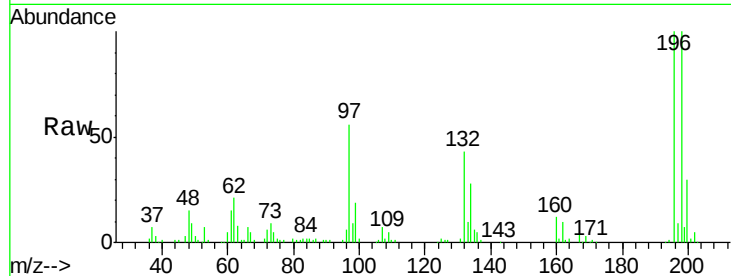




#43
 2,4,6-Trichlorophenol
 Concen: 41.991 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040462.D
 Acq: 12 Apr 2019 15:28

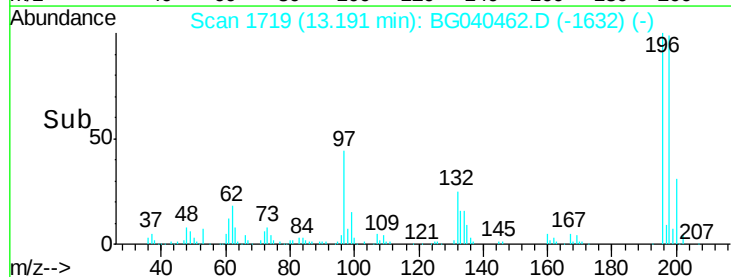
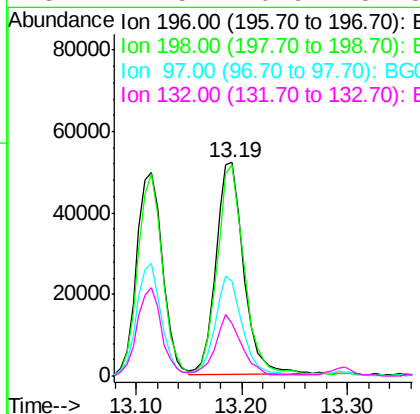
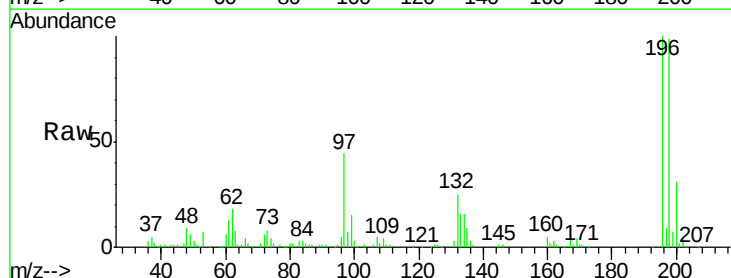
Instrument :
 BNA_G
 ClientSampleId :

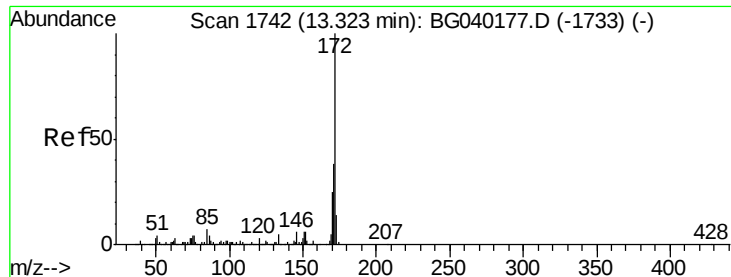
Tot Ion:196 Resp: 85407
 Ion Ratio Lower Upper
 196 100
 198 99.7 78.3 117.5
 200 30.0 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 43.537 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040462.D
 Acq: 12 Apr 2019 15:28

Tgt Ion:196 Resp: 96519
 Ion Ratio Lower Upper
 196 100
 198 98.8 75.0 112.6
 97 44.1 37.3 55.9
 132 24.5 20.9 31.3

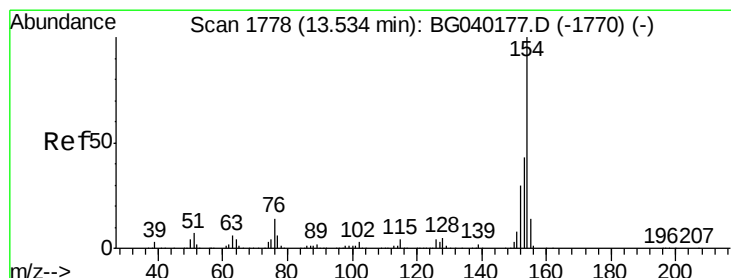
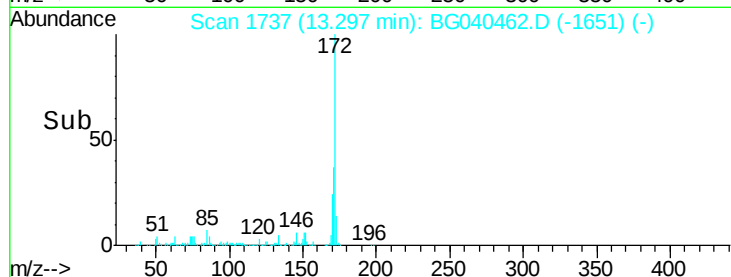
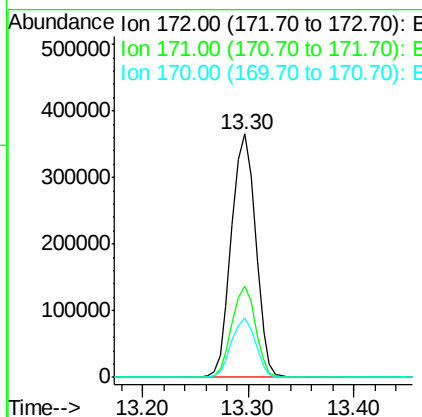
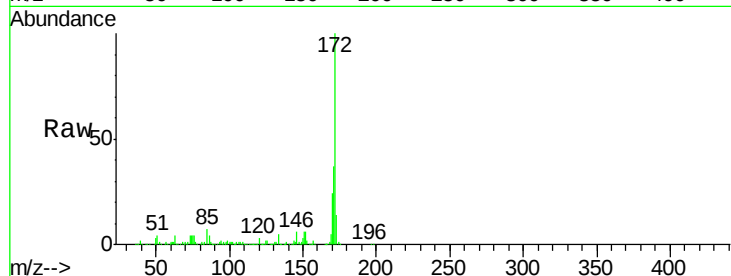




#45
2-Fluorobiphenyl
Concen: 86.638 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040462.D
Acq: 12 Apr 2019 15:28

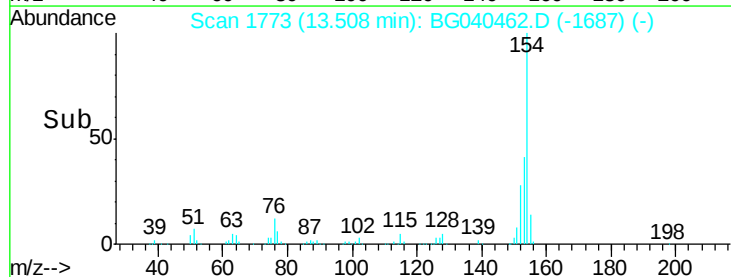
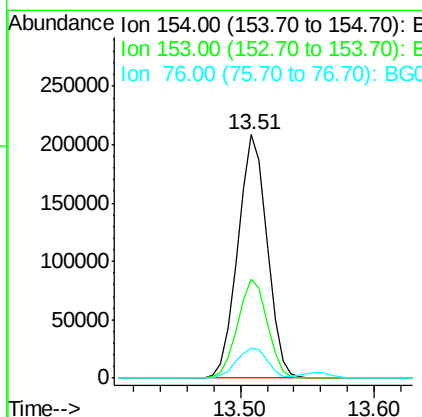
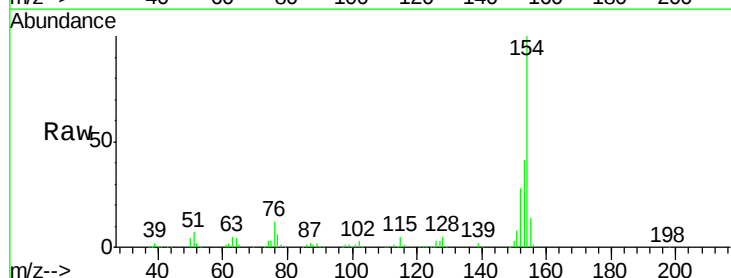
Instrument :
BNA_G
ClientSampled :

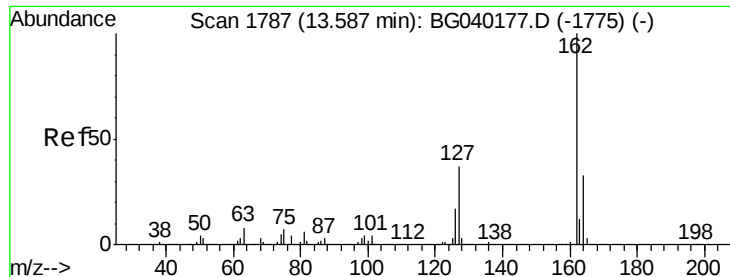
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.5	45.7
170	24.5	20.1	30.1



#46
1,1'-Biphenyl
Concen: 40.316 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.03 min
Lab File: BG040462.D
Acq: 12 Apr 2019 15:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	22.5	62.5
76	12.4	0.0	33.7

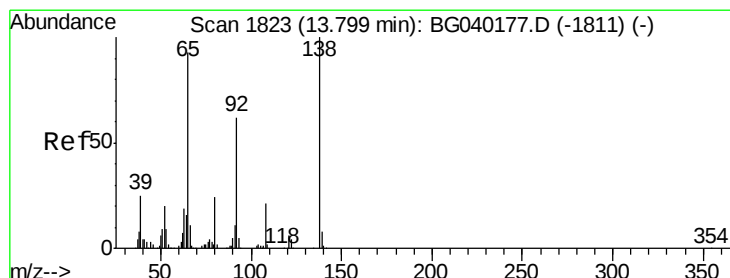
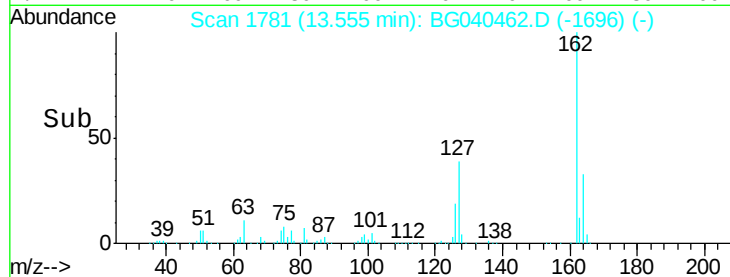
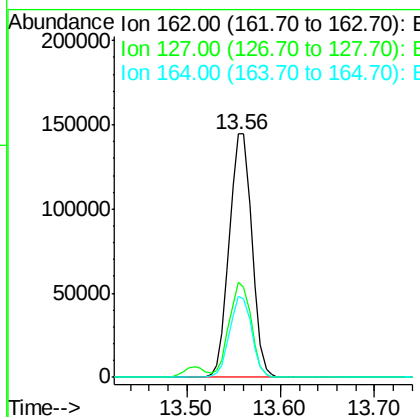
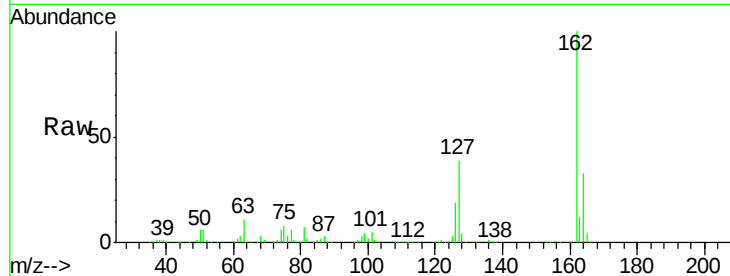




#47
 2-Chloronaphthalene
 Concen: 40.338 ng
 RT: 13.56 min Scan# 1781
 Delta R.T. -0.03 min
 Lab File: BG040462.D
 Acq: 12 Apr 2019 15:28

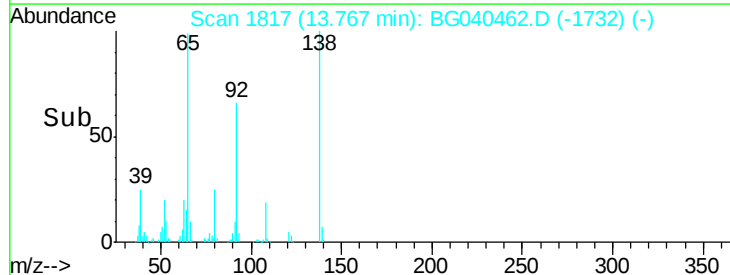
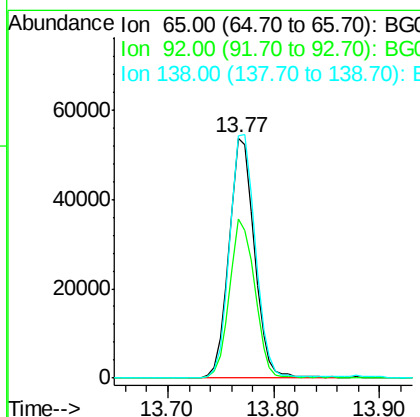
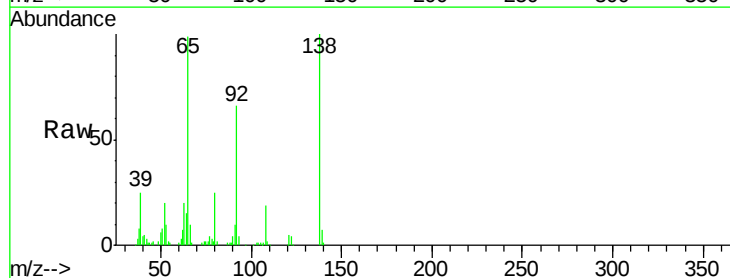
Instrument :
 BNA_G
 ClientSampleId :

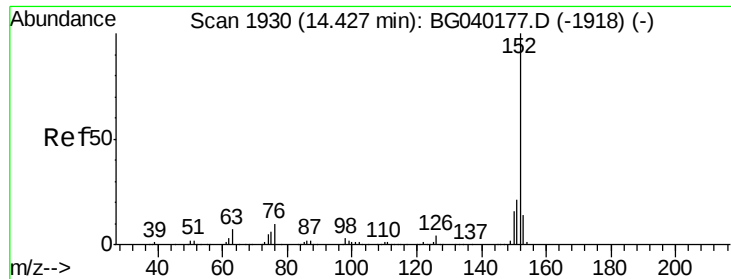
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	30.6	45.8
164	33.2	26.2	39.4



#48
 2-Nitroaniline
 Concen: 44.022 ng
 RT: 13.77 min Scan# 1817
 Delta R.T. -0.03 min
 Lab File: BG040462.D
 Acq: 12 Apr 2019 15:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.4	53.8	80.6
138	101.1	86.3	129.5





#49

Acenaphthylene

Concen: 40.915 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

Instrument :

BNA_G

ClientSampleId :

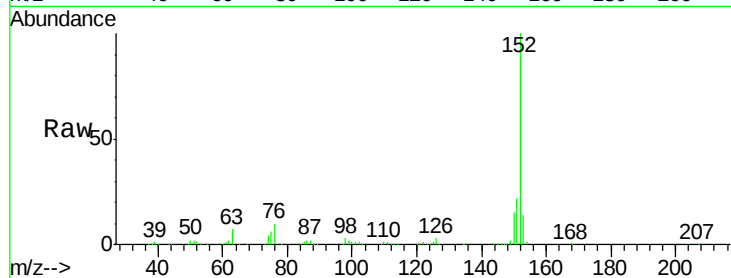
Tot Ion:152 Resp: 417319

Ion Ratio Lower Upper

152 100

151 22.2 17.0 25.6

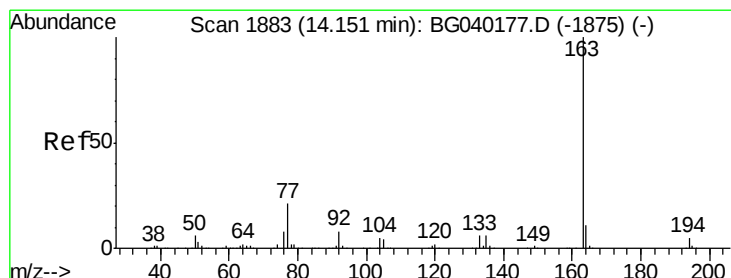
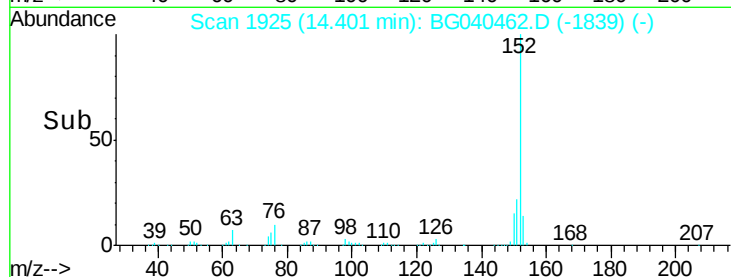
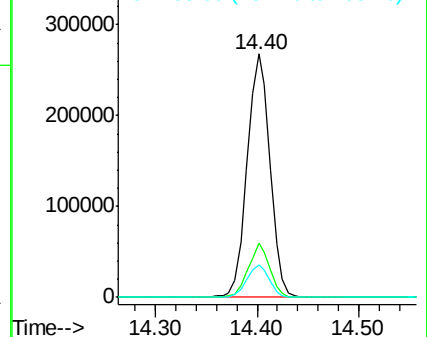
153 13.5 10.8 16.2



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



#50

Dimethylphthalate

Concen: 42.614 ng

RT: 14.13 min Scan# 1878

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

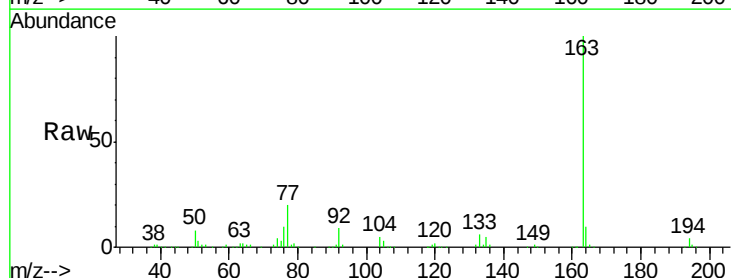
Tgt Ion:163 Resp: 331032

Ion Ratio Lower Upper

163 100

194 4.1 4.1 6.1

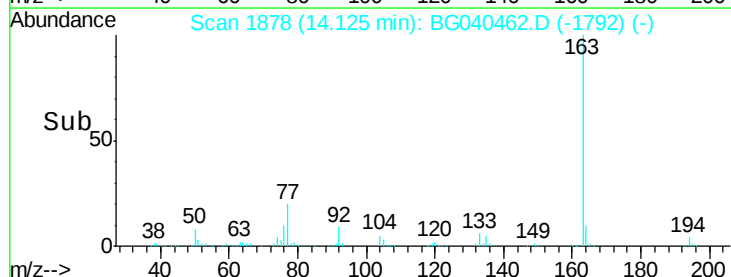
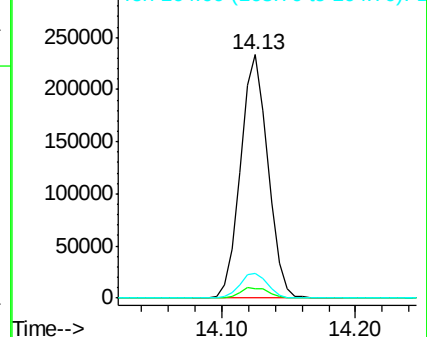
164 10.0 8.6 13.0

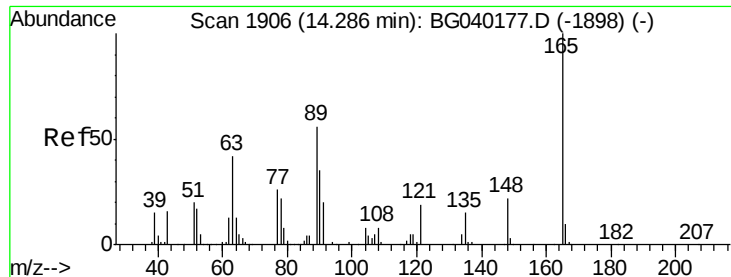


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

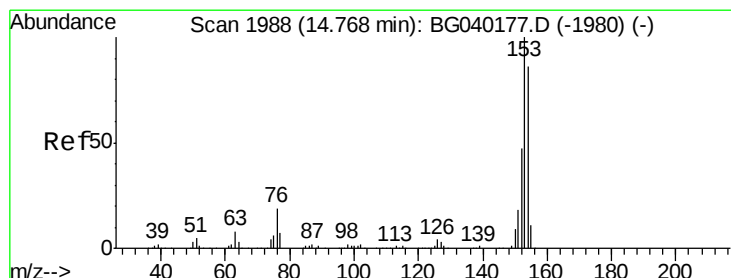
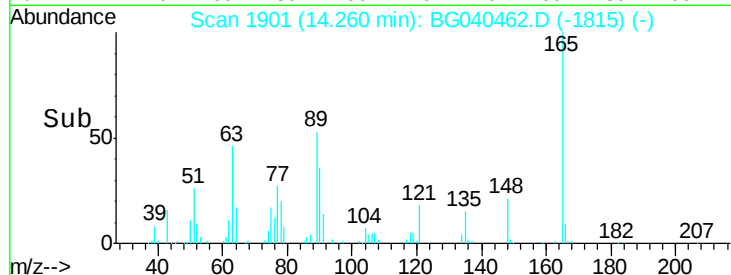
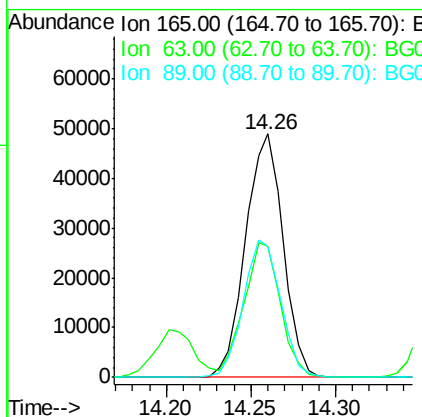
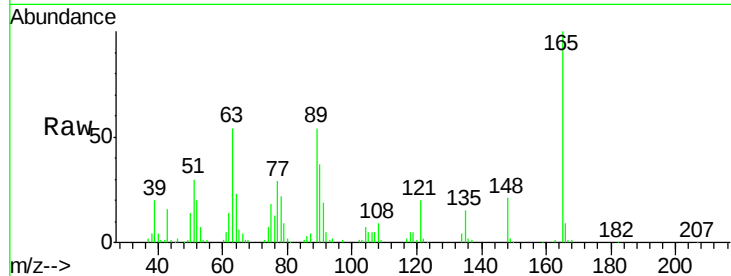




#51
 2,6-Dinitrotoluene
 Concen: 43.248 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.03 min
 Lab File: BG040462.D
 Acq: 12 Apr 2019 15:28

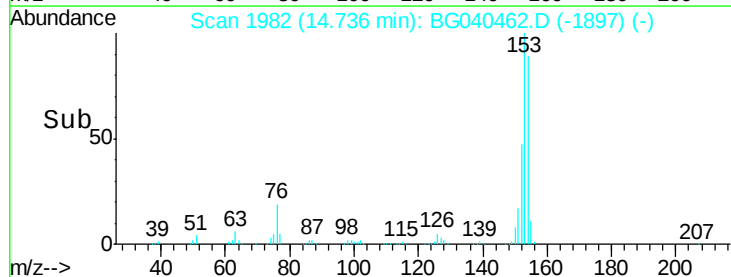
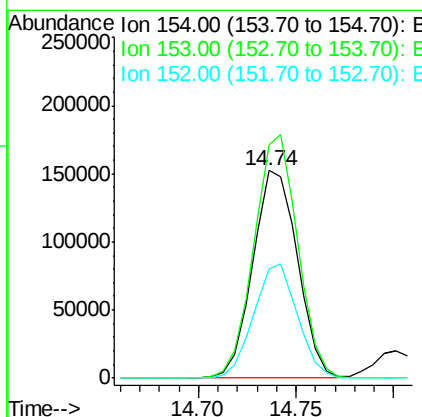
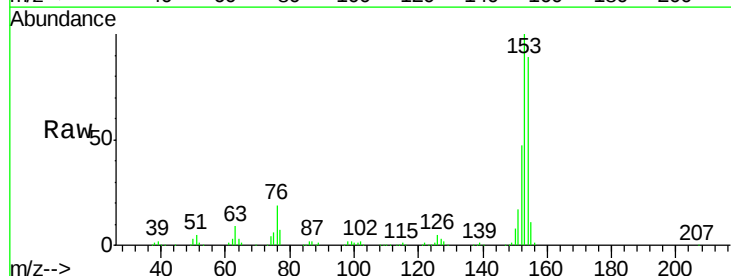
Instrument :
 BNA_G
 ClientSampleId :

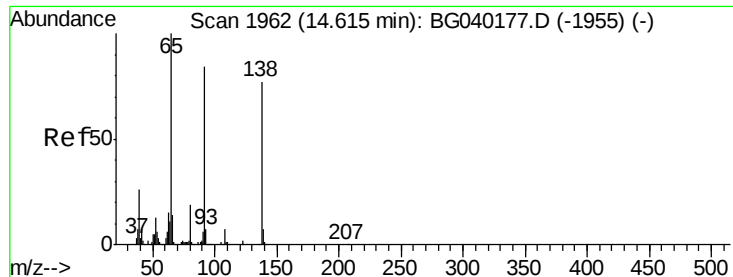
Tot Ion:165 Resp: 75435
 Ion Ratio Lower Upper
 165 100
 63 53.9 44.1 66.1
 89 53.6 44.9 67.3



#52
 Acenaphthene
 Concen: 41.442 ng
 RT: 14.74 min Scan# 1982
 Delta R.T. -0.03 min
 Lab File: BG040462.D
 Acq: 12 Apr 2019 15:28

Tgt Ion:154 Resp: 242209
 Ion Ratio Lower Upper
 154 100
 153 112.4 92.8 139.2
 152 52.8 43.4 65.2





#53

3-Nitroaniline

Concen: 30.657 ng

RT: 14.60 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

Instrument :

BNA_G

ClientSampleId :

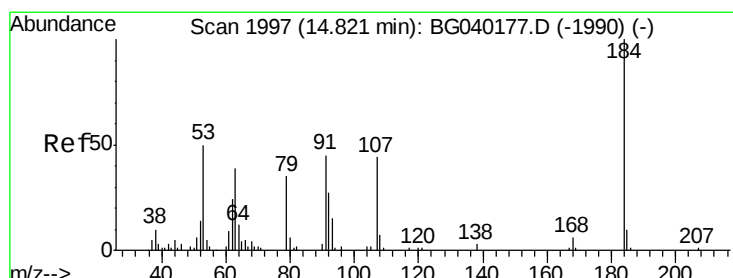
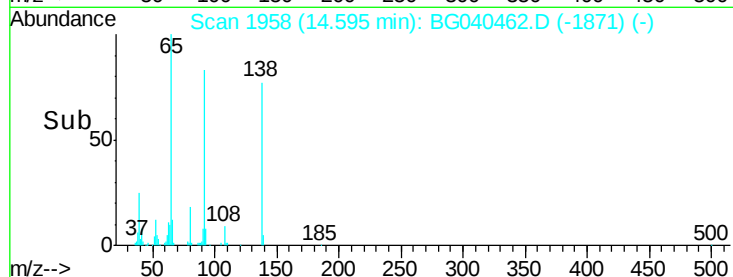
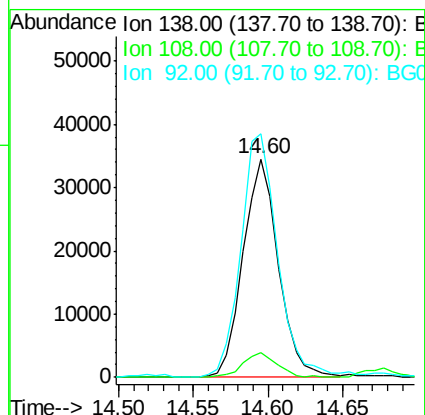
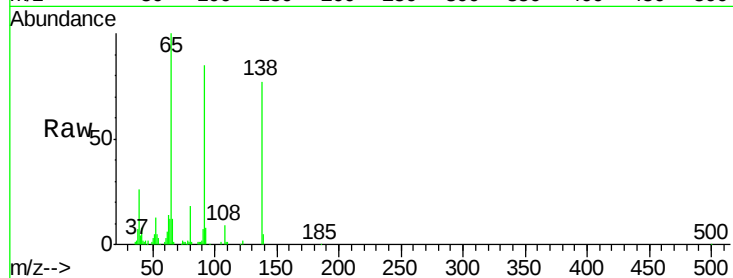
Tot Ion:138 Resp: 56604

Ion Ratio Lower Upper

138 100

108 11.3 7.8 11.8

92 111.6 87.5 131.3



#54

2,4-Dinitrophenol

Concen: 67.507 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

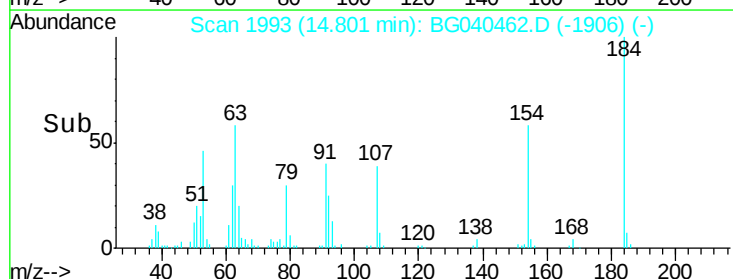
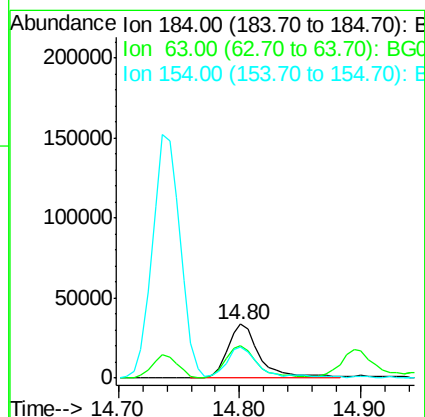
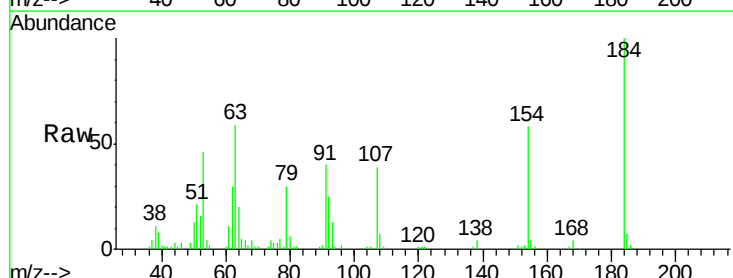
Tgt Ion:184 Resp: 62622

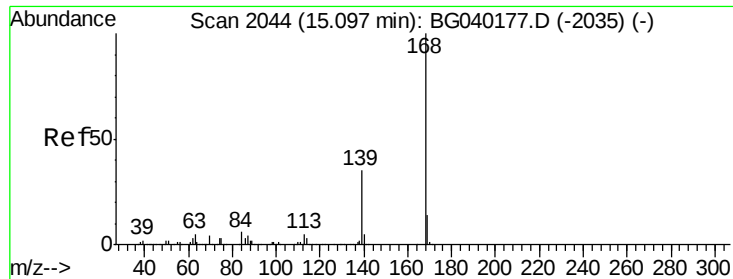
Ion Ratio Lower Upper

184 100

63 59.0 51.8 77.8

154 58.1 50.9 76.3

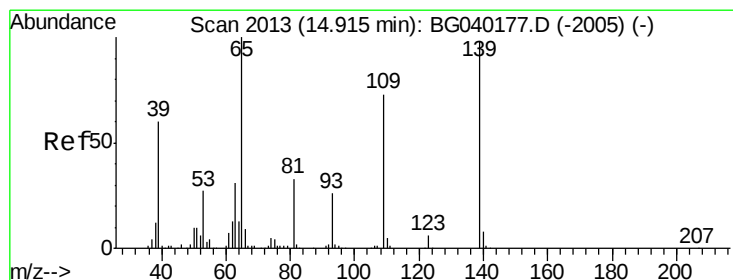
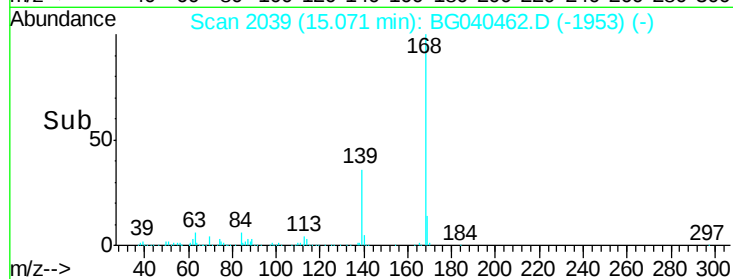
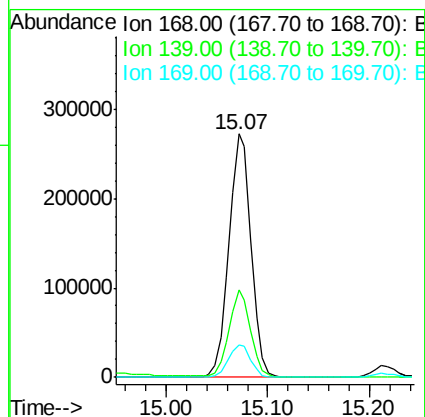
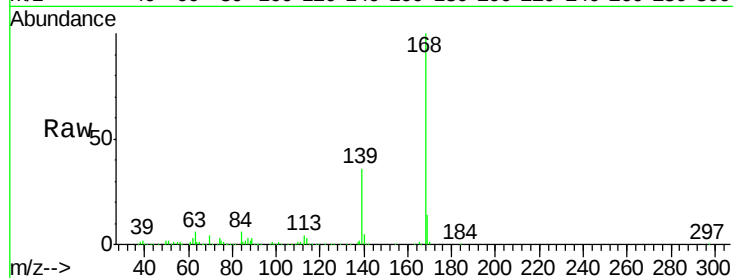




#55
Dibenzenofuran
Concen: 43.656 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.03 min
Lab File: BG040462.D
Acq: 12 Apr 2019 15:28

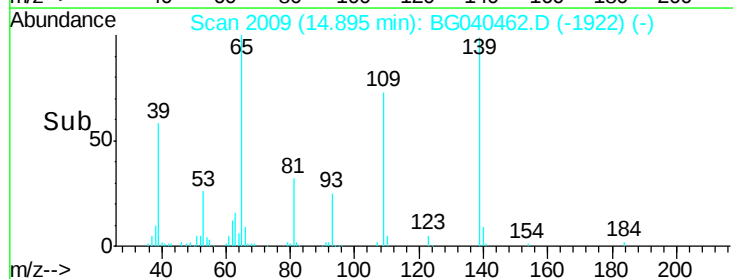
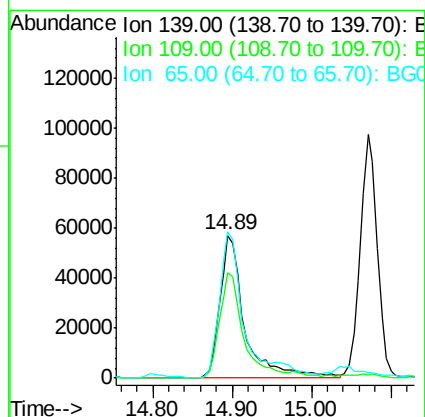
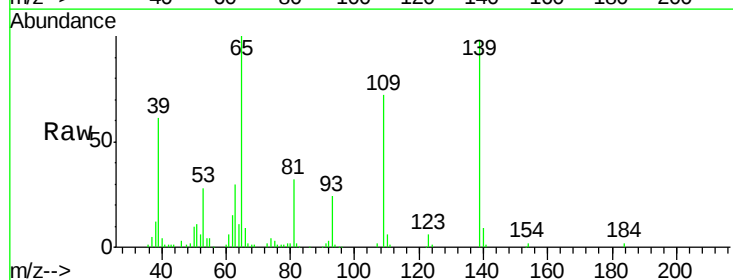
Instrument :
BNA_G
ClientSampleId :

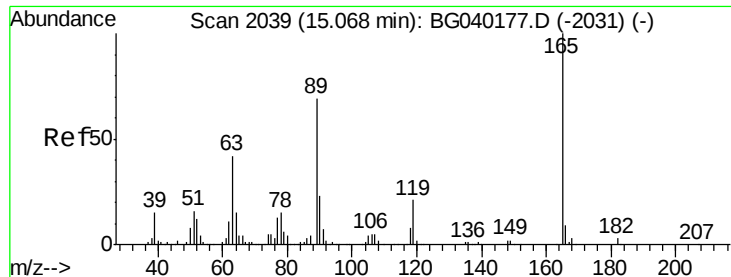
Tot Ion:168 Resp: 409987
Ion Ratio Lower Upper
168 100
139 35.8 27.9 41.9
169 13.6 11.3 16.9



#56
4-Nitrophenol
Concen: 83.314 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BG040462.D
Acq: 12 Apr 2019 15:28

Tgt Ion:139 Resp: 124151
Ion Ratio Lower Upper
139 100
109 73.7 54.3 94.3
65 102.0 82.5 122.5

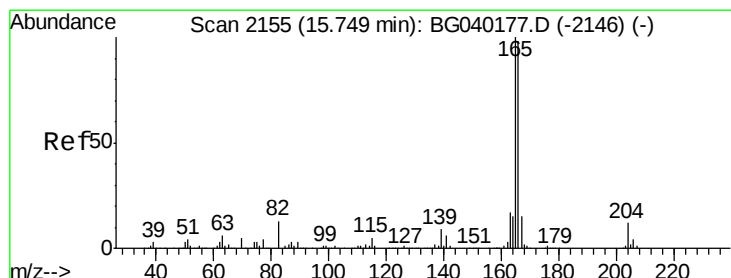
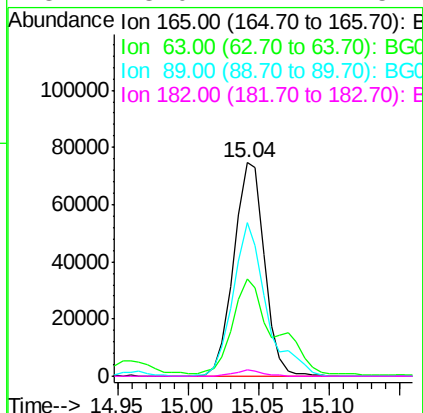
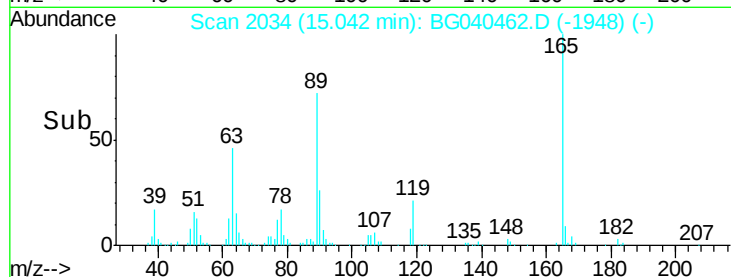
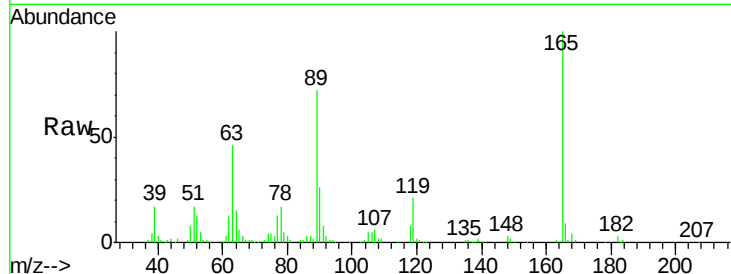




#57
 2,4-Dinitrotoluene
 Concen: 46.732 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. -0.03 min
 Lab File: BG040462.D
 Acq: 12 Apr 2019 15:28

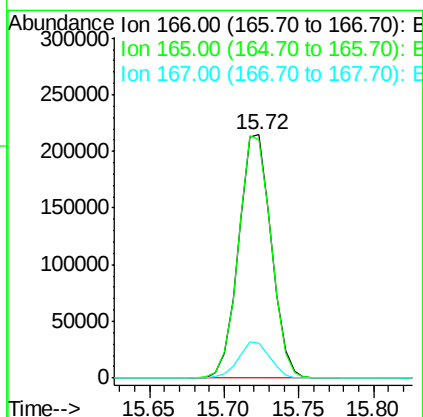
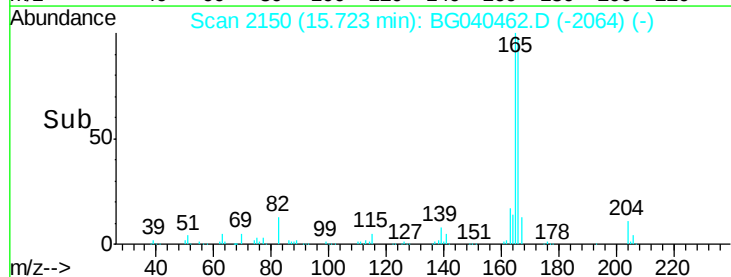
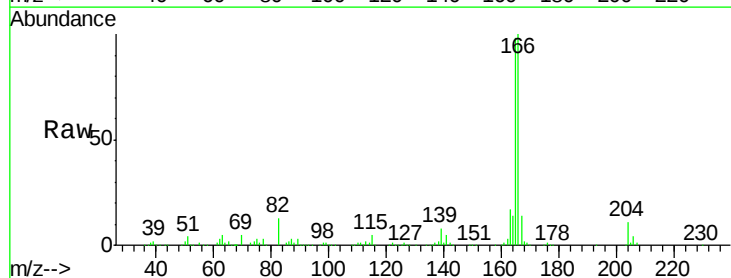
Instrument :
 BNA_G
 ClientSampleId :

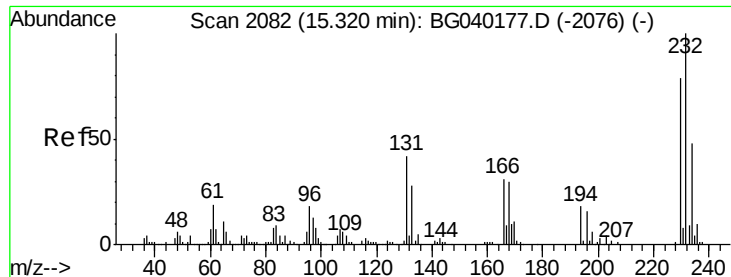
Tot Ion:165 Resp: 113263
 Ion Ratio Lower Upper
 165 100
 63 45.8 33.8 50.6
 89 72.1 55.4 83.2
 182 3.0 2.2 3.4



#58
 Fluorene
 Concen: 44.054 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.03 min
 Lab File: BG040462.D
 Acq: 12 Apr 2019 15:28

Tgt Ion:166 Resp: 325275
 Ion Ratio Lower Upper
 166 100
 165 98.0 81.7 122.5
 167 14.3 11.9 17.9





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.043 ng

RT: 15.29 min Scan# 2077

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

Instrument :

BNA_G

ClientSampled :

Tot Ion:232 Resp: 94641

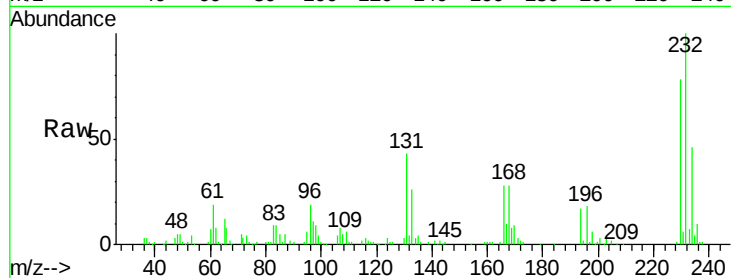
Ion Ratio Lower Upper

232 100

131 39.7 32.9 49.3

130 2.3 1.8 2.8

166 27.4 23.5 35.3

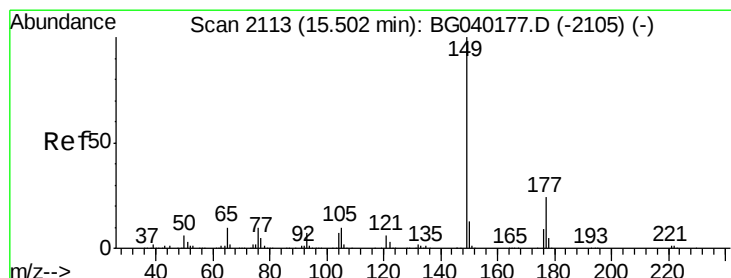
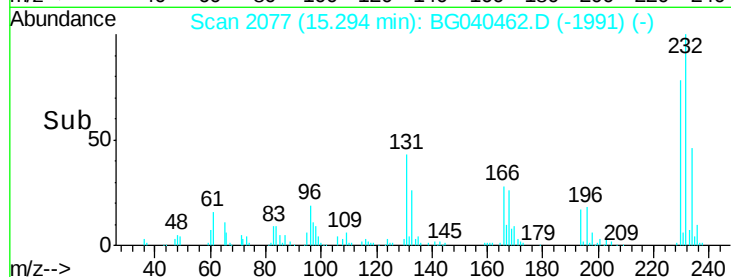
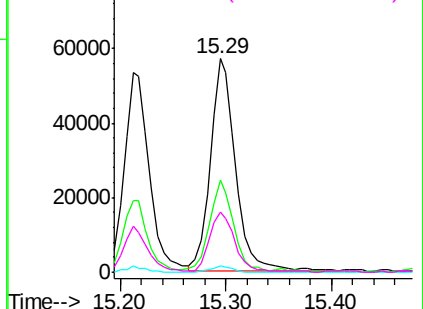


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 45.189 ng

RT: 15.48 min Scan# 2108

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

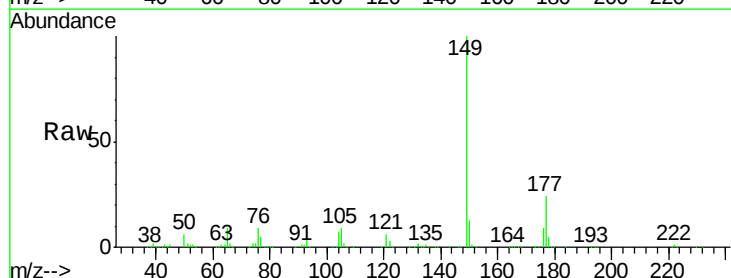
Tgt Ion:149 Resp: 359212

Ion Ratio Lower Upper

149 100

177 23.9 19.1 28.7

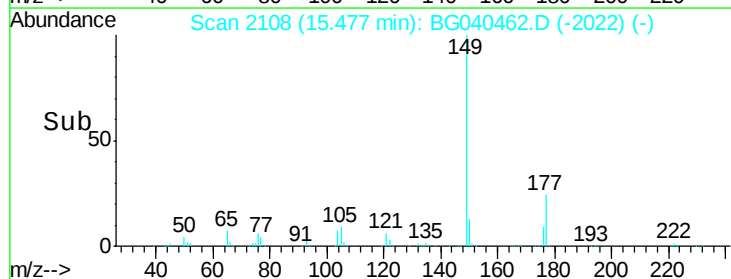
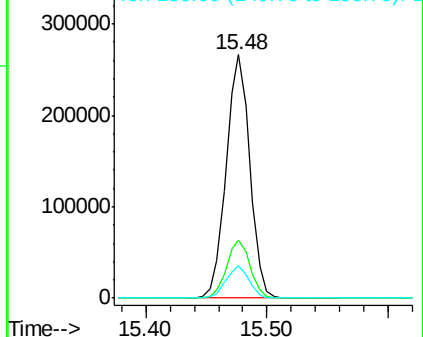
150 13.4 10.6 15.8

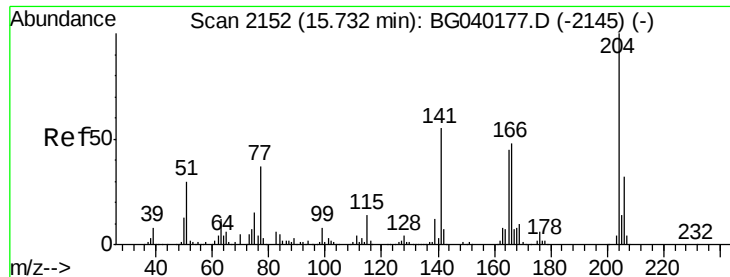


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

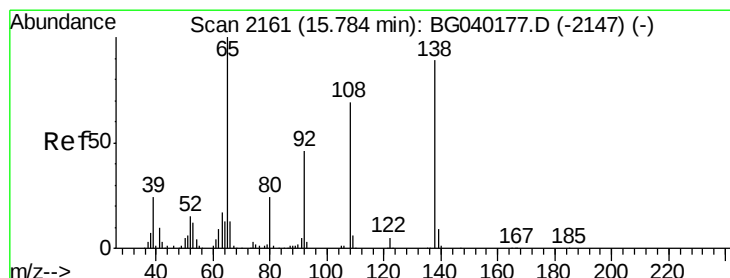
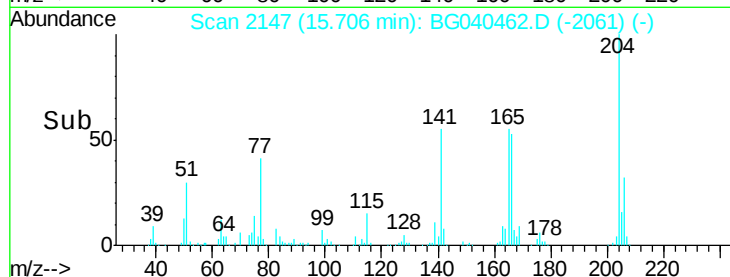
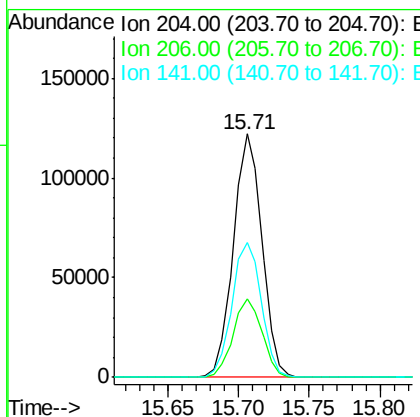
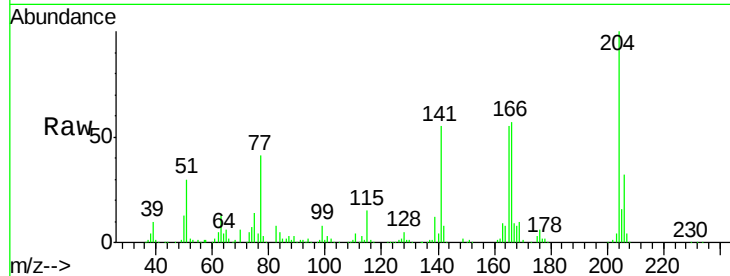




#61
 4-Chlorophenyl-phenylether
 Concen: 43.518 ng
 RT: 15.71 min Scan# 2147
 Delta R.T. -0.03 min
 Lab File: BG040462.D
 Acq: 12 Apr 2019 15:28

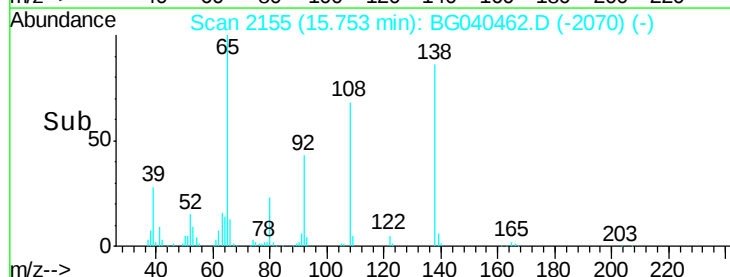
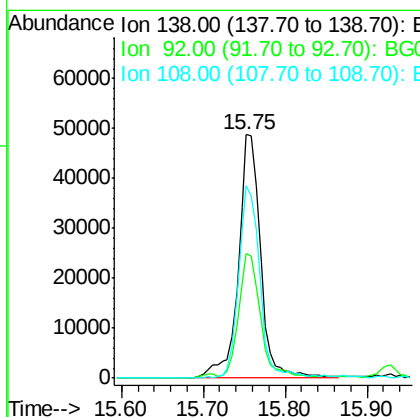
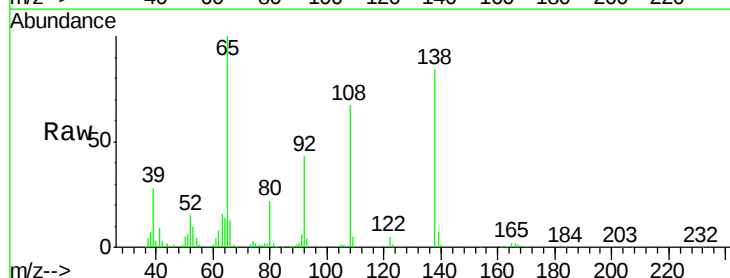
Instrument :
 BNA_G
 ClientSampled :

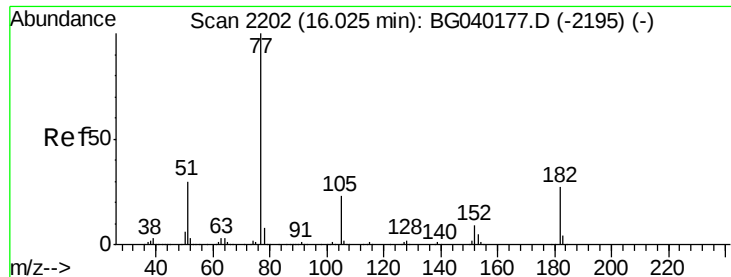
Tot Ion:204 Resp: 171755
 Ion Ratio Lower Upper
 204 100
 206 32.3 25.7 38.5
 141 55.1 44.0 66.0



#62
 4-Nitroaniline
 Concen: 46.730 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.03 min
 Lab File: BG040462.D
 Acq: 12 Apr 2019 15:28

Tgt Ion:138 Resp: 92592
 Ion Ratio Lower Upper
 138 100
 92 51.3 31.8 71.8
 108 79.2 57.2 97.2





#63

Azobenzene

Concen: 43.838 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 328705

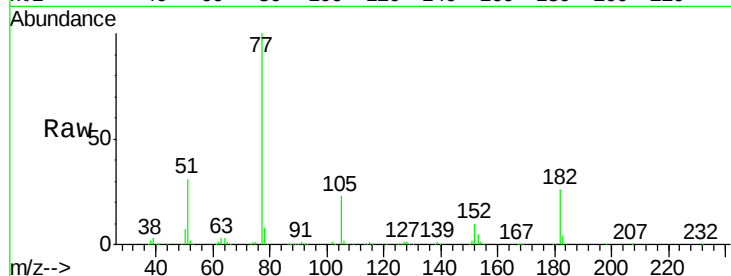
Ion Ratio Lower Upper

77 100

182 26.3 7.2 47.2

105 23.4 2.8 42.8

51 31.2 10.4 50.4

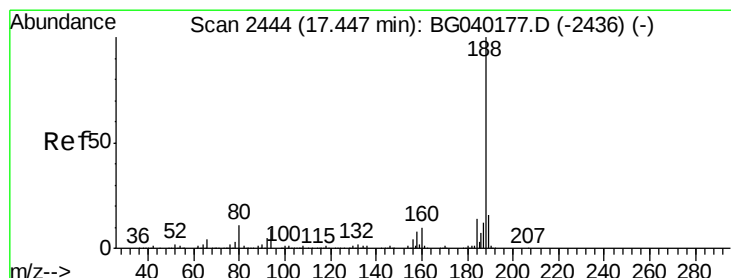
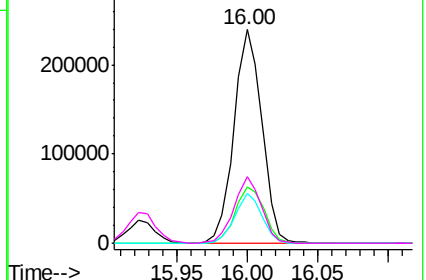
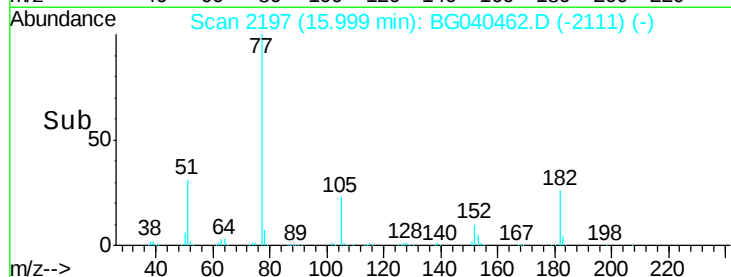


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.42 min Scan# 2439

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

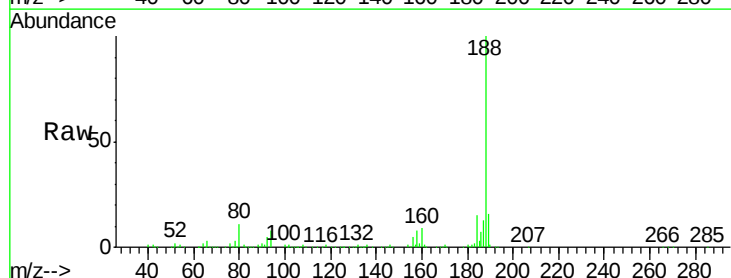
Tgt Ion: 188 Resp: 270368

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

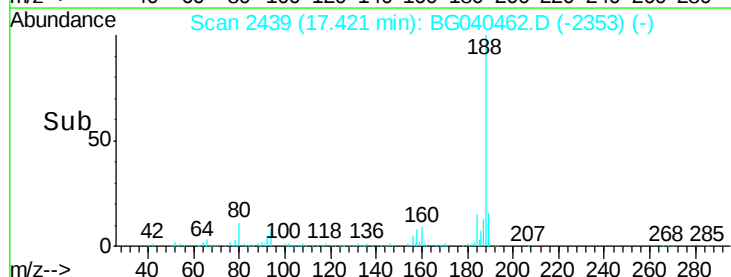
80 11.0 8.6 13.0



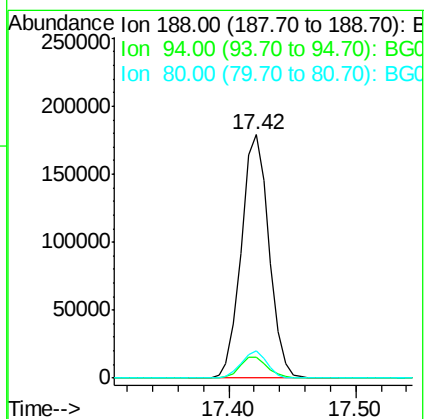
Abundance Ion 188.00 (187.70 to 188.70): BGC

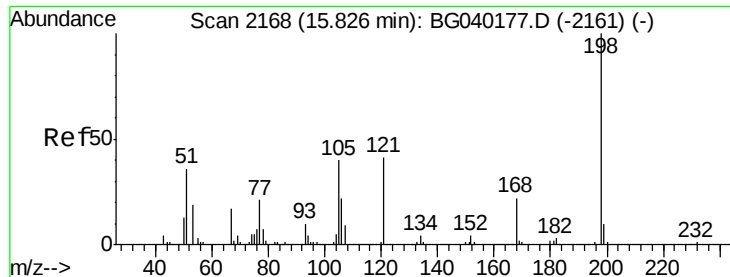
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 37.693 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

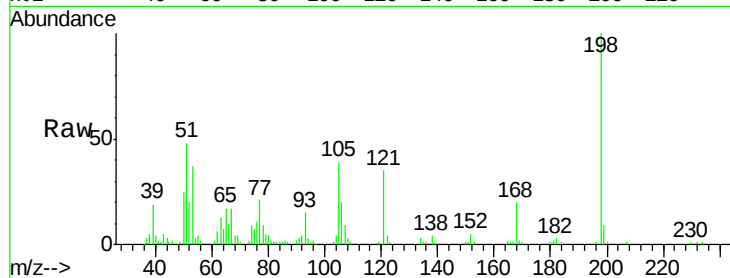
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 57254

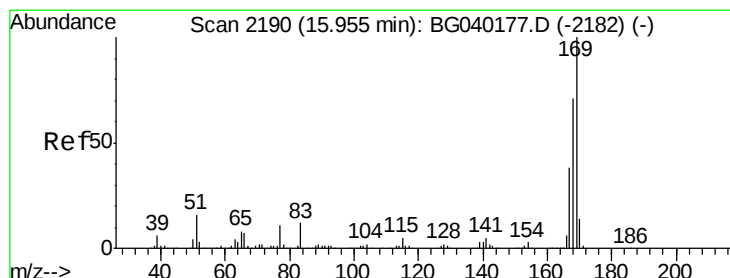
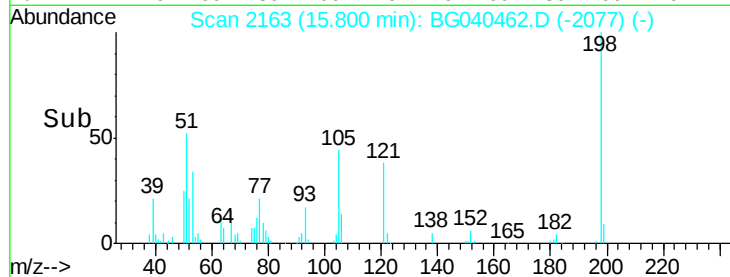
Ion	Ratio	Lower	Upper
198	100		
51	47.9	27.3	67.3
105	39.4	21.7	61.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG040462.D (-2099) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.113 ng

RT: 15.92 min Scan# 2184

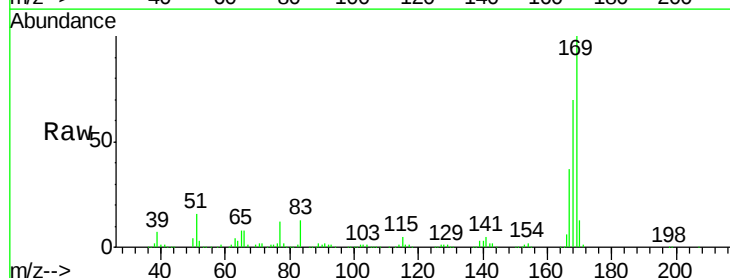
Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

Tgt Ion:169 Resp: 317360

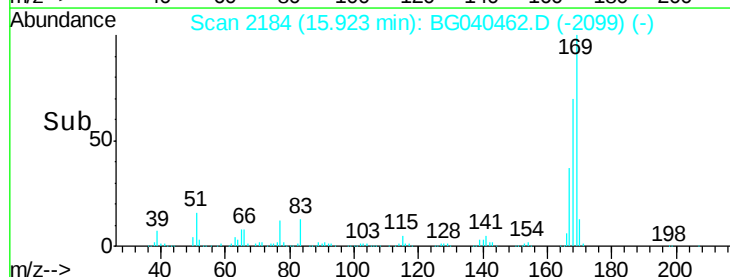
Ion	Ratio	Lower	Upper
169	100		
168	69.8	56.8	85.2
167	37.1	30.2	45.4

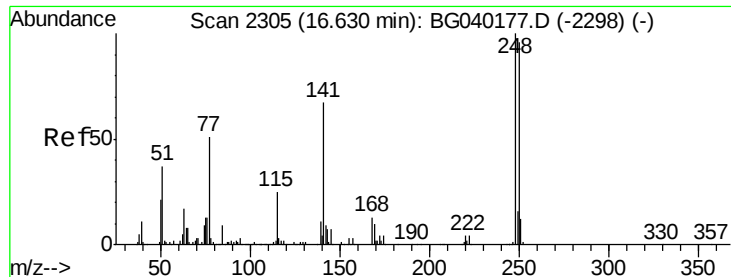


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

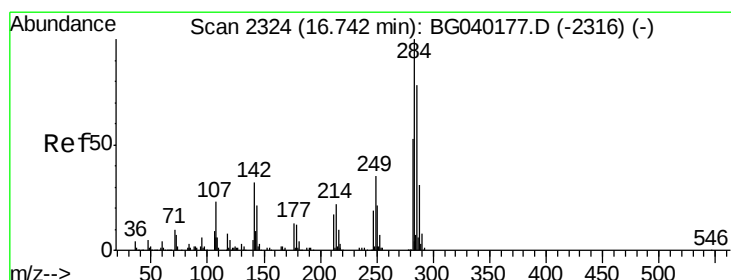
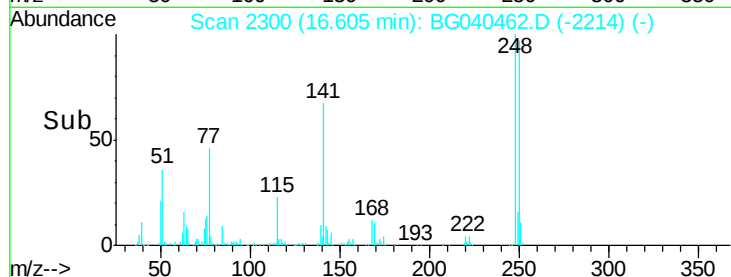
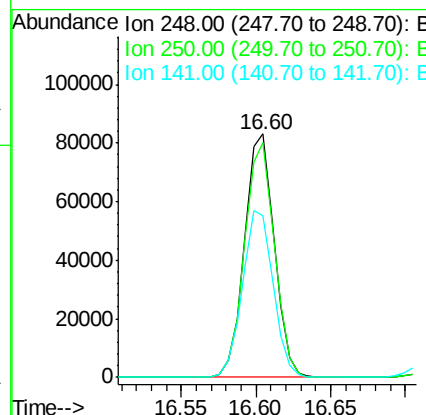
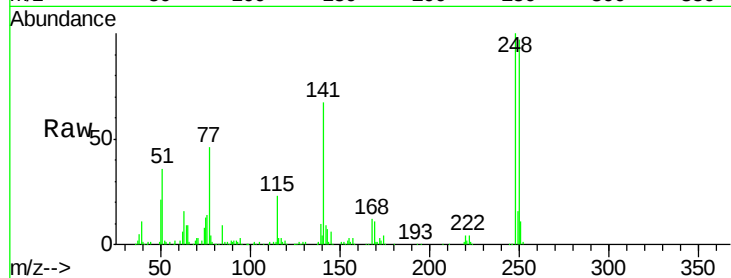




#67
4-Bromophenyl-phenylether
Concen: 37.639 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.03 min
Lab File: BG040462.D
Acq: 12 Apr 2019 15:28

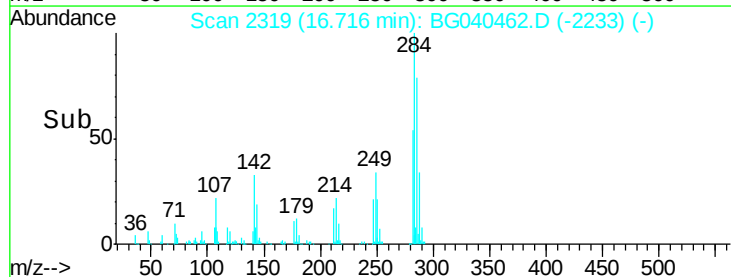
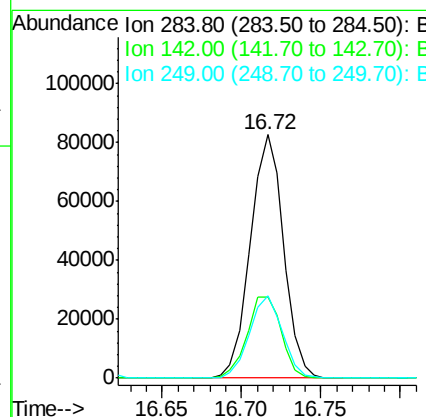
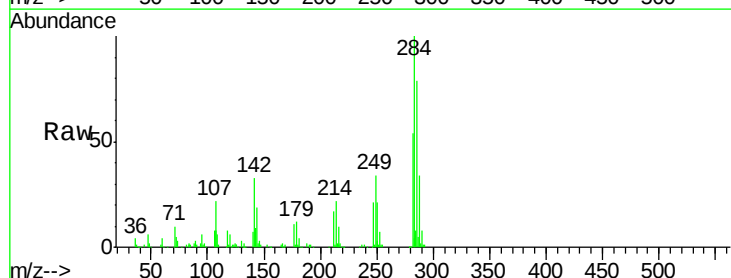
Instrument :
BNA_G
ClientSampled :

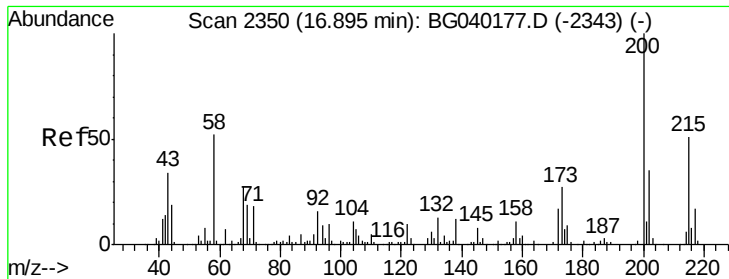
Tot Ion:248 Resp: 114520
Ion Ratio Lower Upper
248 100
250 96.6 76.4 114.6
141 66.7 53.8 80.8



#68
Hexachlorobenzene
Concen: 39.332 ng
RT: 16.72 min Scan# 2319
Delta R.T. -0.03 min
Lab File: BG040462.D
Acq: 12 Apr 2019 15:28

Tgt Ion:284 Resp: 120325
Ion Ratio Lower Upper
284 100
142 33.4 25.3 37.9
249 36.7 28.2 42.2





#69

Atrazine

Concen: 41.248 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

Instrument :

BNA_G

ClientSampled :

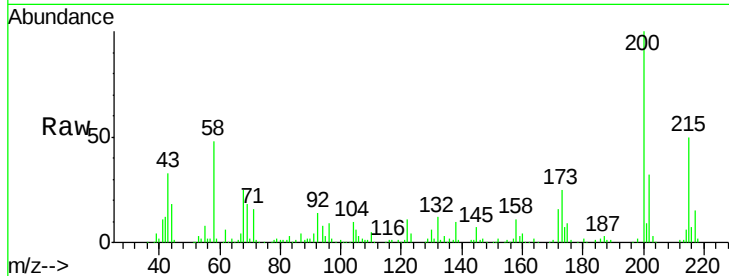
Tot Ion:200 Resp: 121397

Ion Ratio Lower Upper

200 100

173 25.1 7.1 47.1

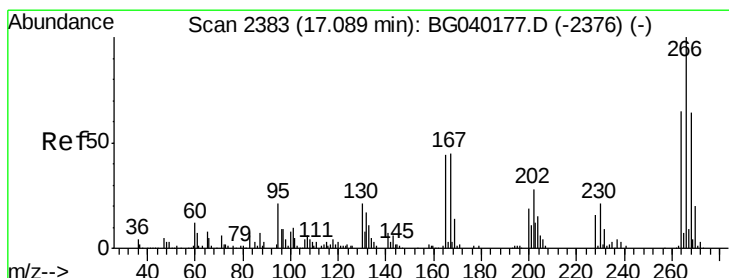
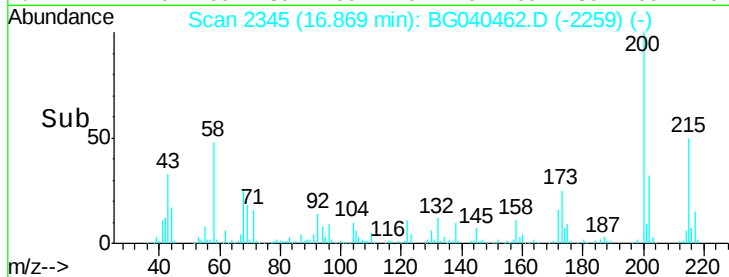
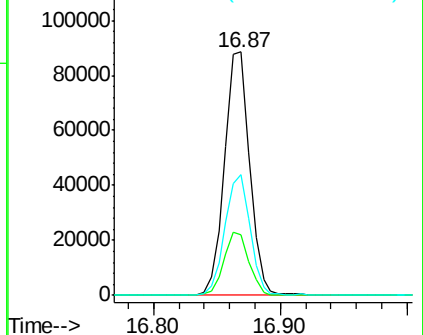
215 49.5 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 63.201 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.02 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

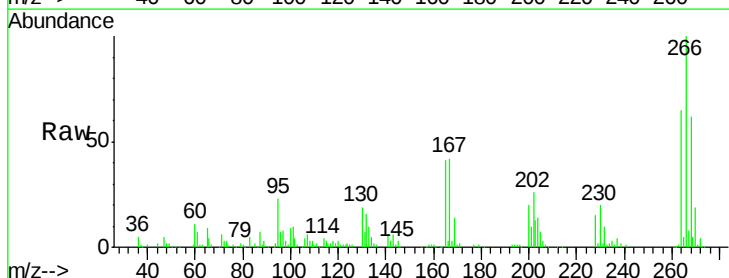
Tgt Ion:266 Resp: 111780

Ion Ratio Lower Upper

266 100

268 62.0 55.0 82.4

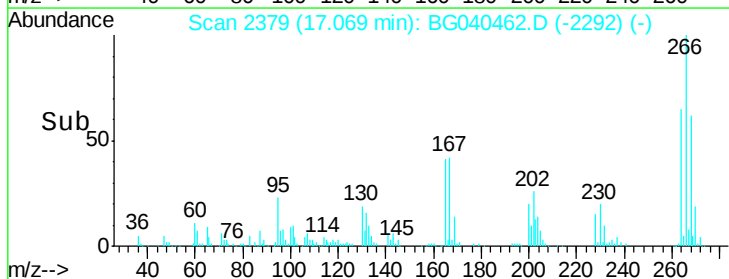
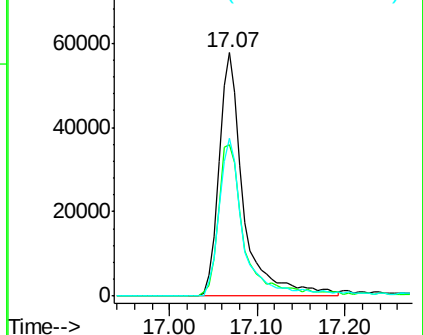
264 69.9 51.8 77.8

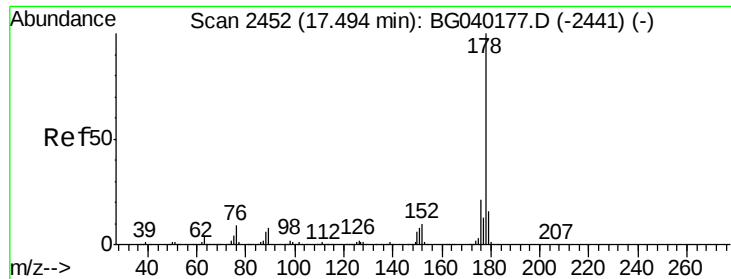


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

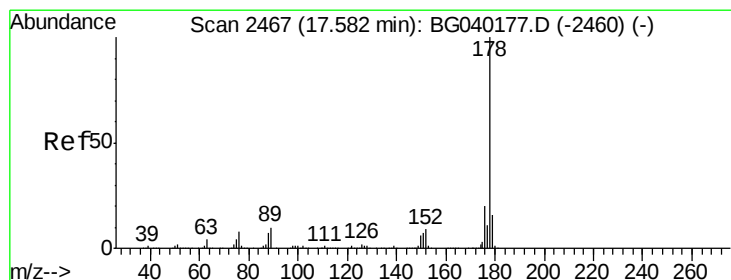
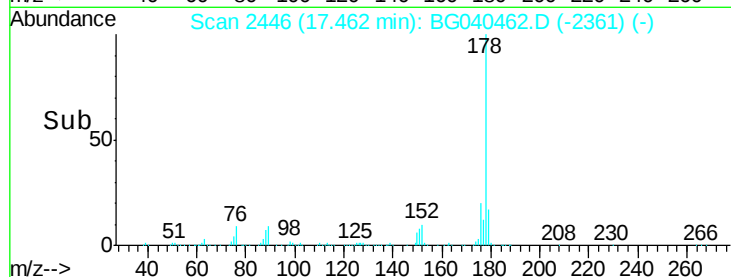
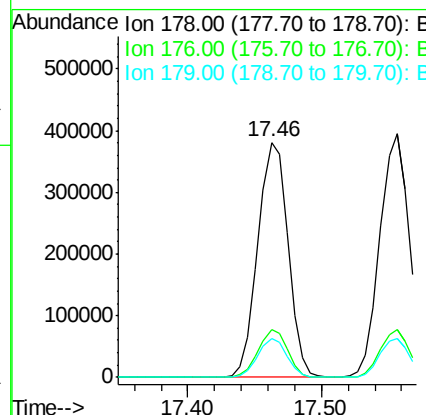
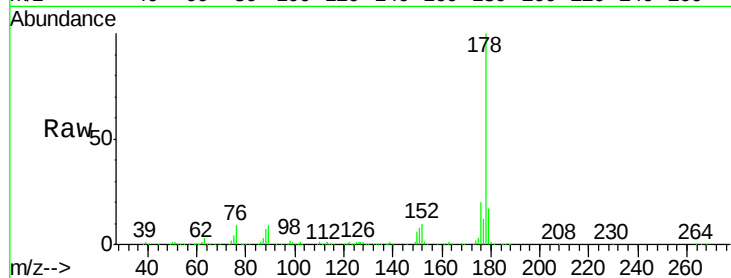




#71
Phenanthrene
Concen: 41.962 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.03 min
Lab File: BG040462.D
Acq: 12 Apr 2019 15:28

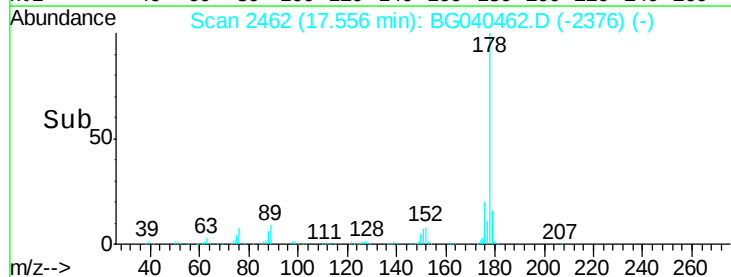
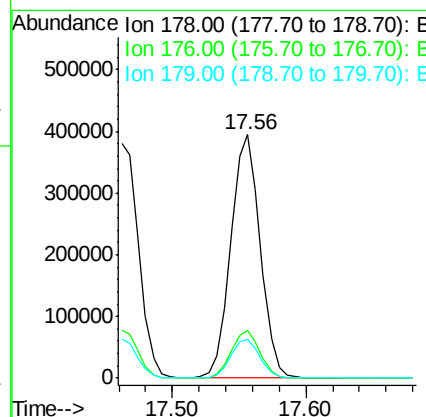
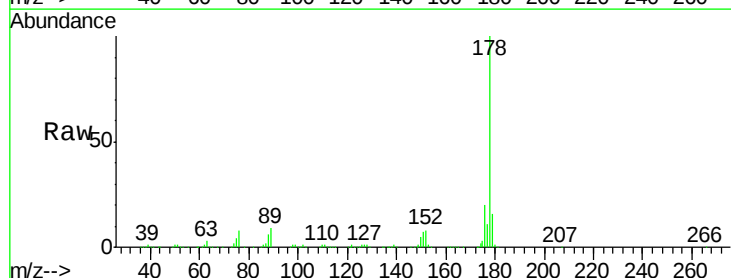
Instrument :
BNA_G
ClientSampleId :

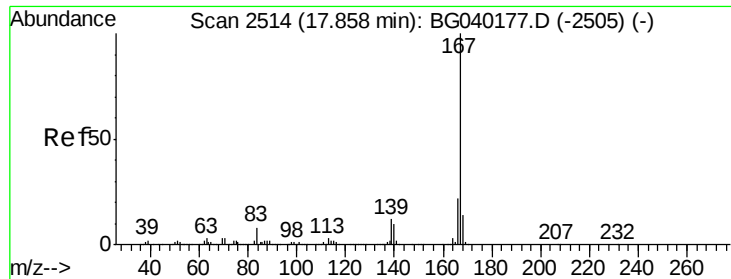
Tot Ion:178 Resp: 596320
Ion Ratio Lower Upper
178 100
176 20.2 16.7 25.1
179 16.7 12.8 19.2



#72
Anthracene
Concen: 42.644 ng
RT: 17.56 min Scan# 2462
Delta R.T. -0.03 min
Lab File: BG040462.D
Acq: 12 Apr 2019 15:28

Tgt Ion:178 Resp: 606575
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.8 12.9 19.3

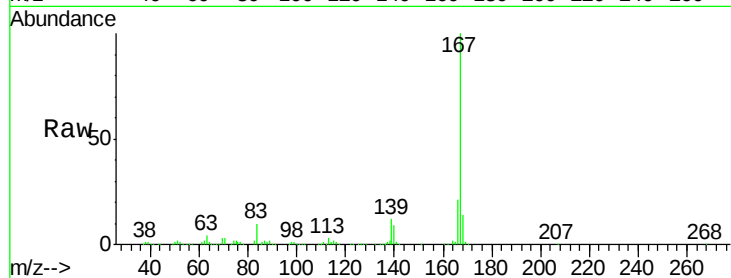




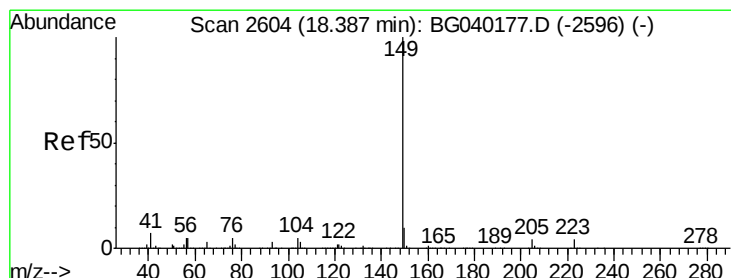
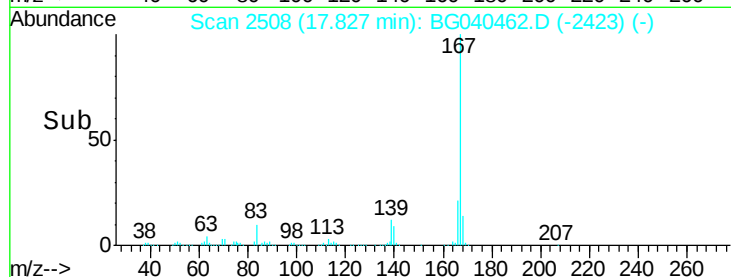
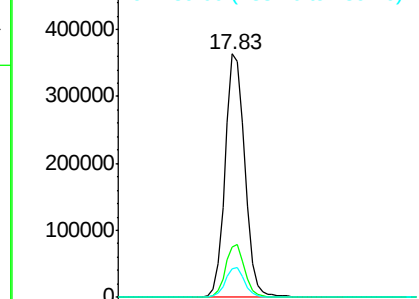
#73
 Carbazole
 Concen: 43.916 ng
 RT: 17.83 min Scan# 2508
 Delta R.T. -0.03 min
 Lab File: BG040462.D
 Acq: 12 Apr 2019 15:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.5	26.3
139	11.6	10.0	15.0

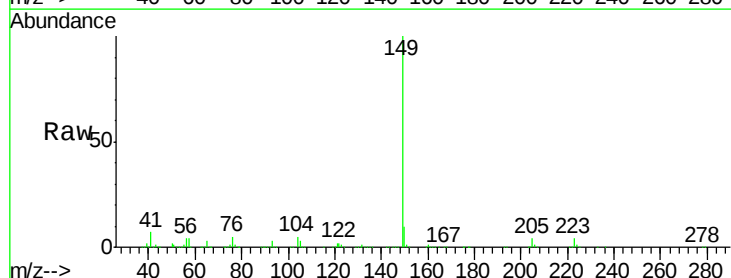


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

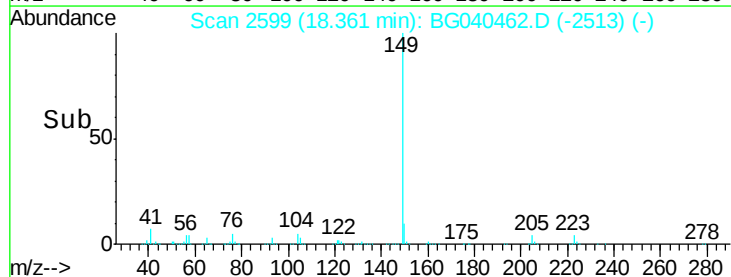
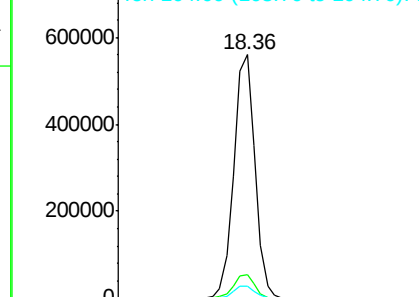


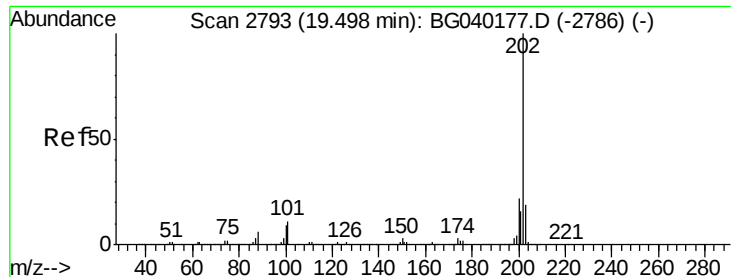
#74
 Di-n-butylphthalate
 Concen: 44.144 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.03 min
 Lab File: BG040462.D
 Acq: 12 Apr 2019 15:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.9	11.9
104	4.7	4.1	6.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.670 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

Instrument :

BNA_G

ClientSampleId :

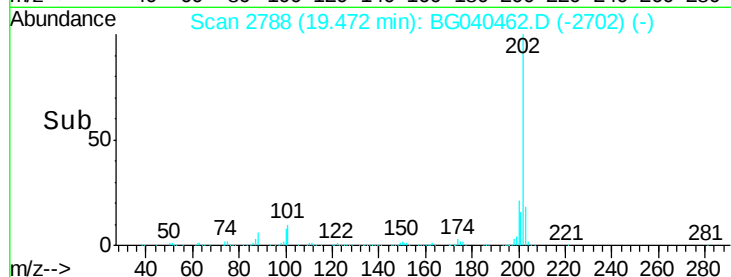
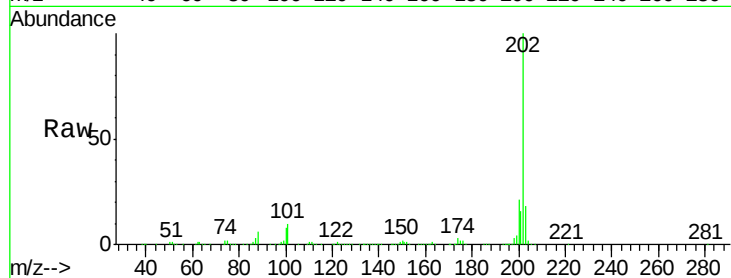
Tot Ion:202 Resp: 768524

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.8

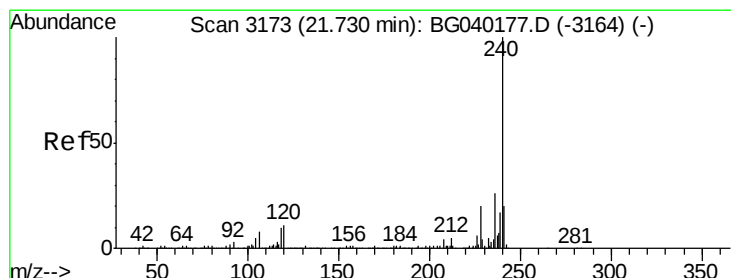
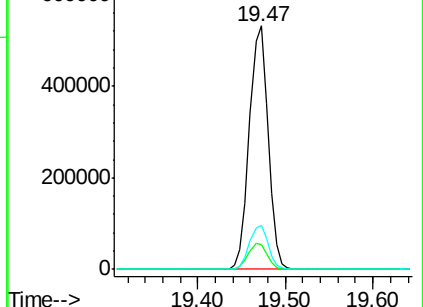
203 17.9 0.0 38.9



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: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

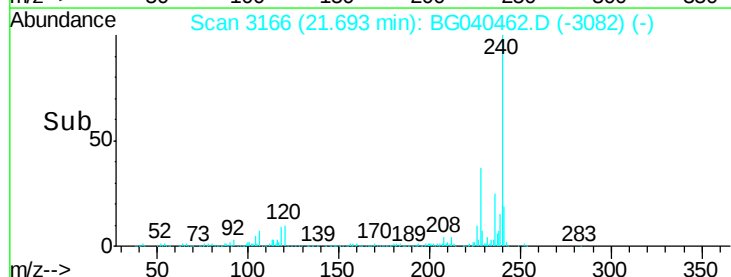
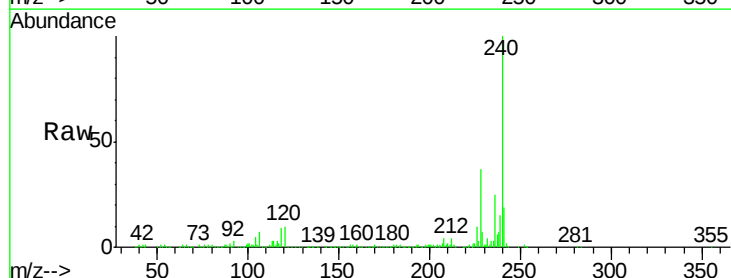
Tgt Ion:240 Resp: 303229

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

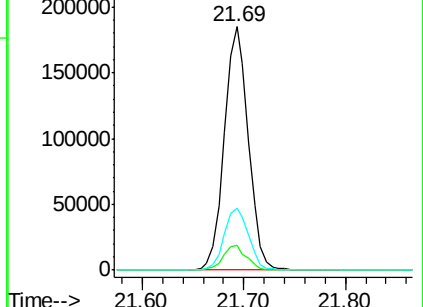
236 25.4 20.8 31.2

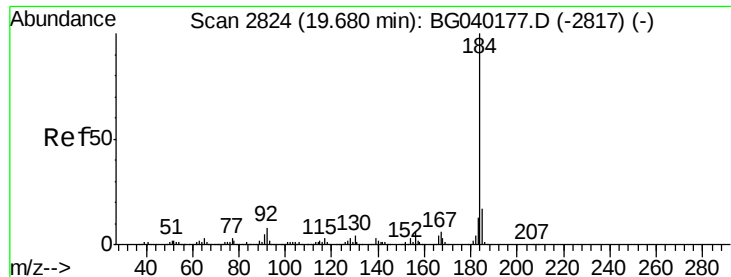


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.819 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

Instrument :

BNA_G

ClientSampleId :

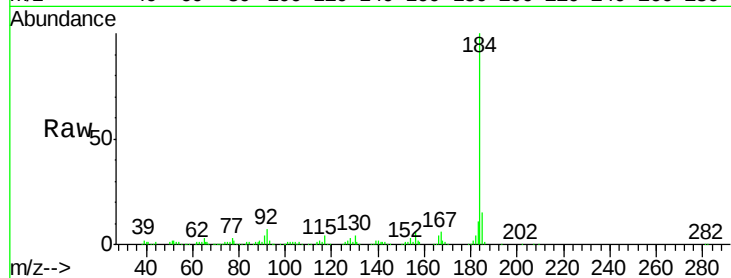
Tot Ion:184 Resp: 260818

Ion Ratio Lower Upper

184 100

185 14.6 13.3 19.9

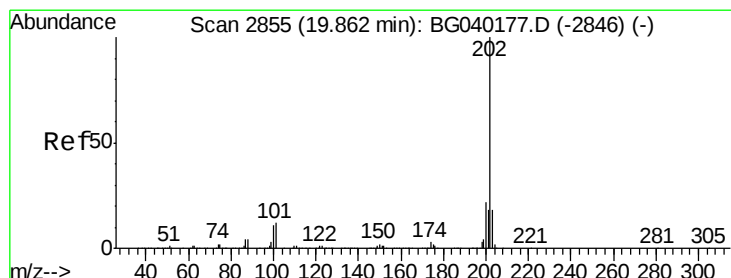
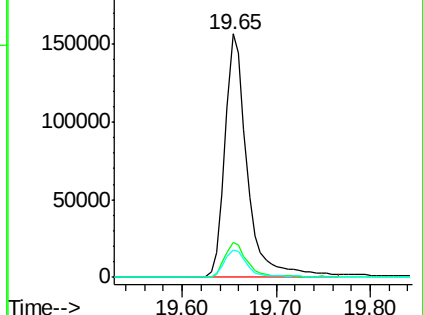
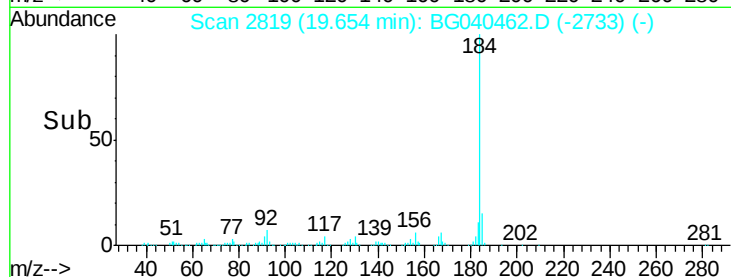
183 11.3 10.3 15.5



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: 39.289 ng

RT: 19.84 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

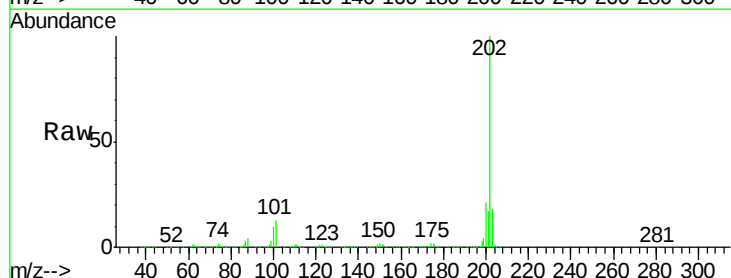
Tgt Ion:202 Resp: 783459

Ion Ratio Lower Upper

202 100

200 21.1 17.3 25.9

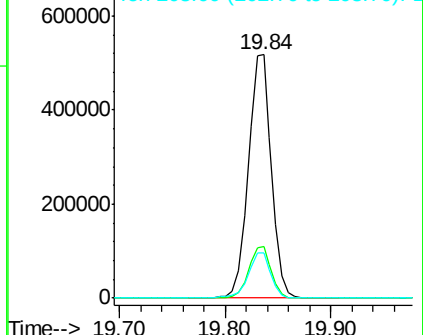
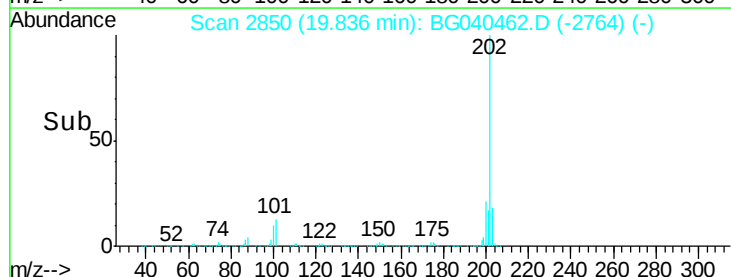
203 18.4 14.6 22.0

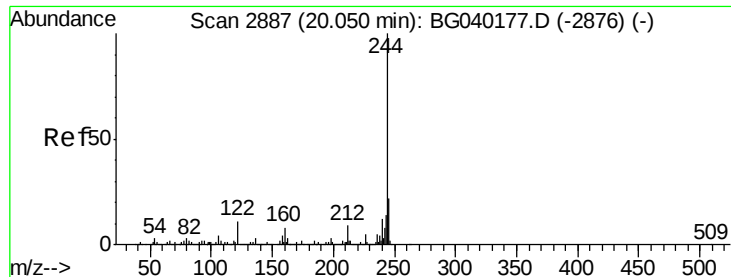


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.077 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

Instrument :

BNA_G

ClientSampled :

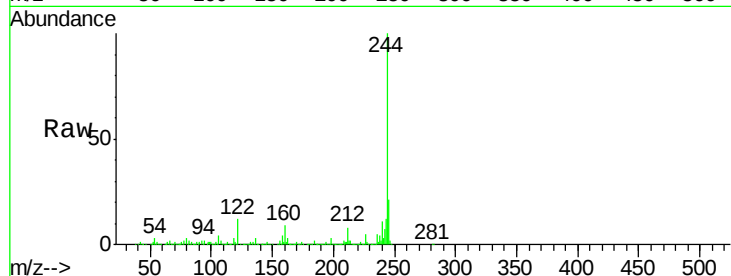
Tot Ion:244 Resp: 1146745

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

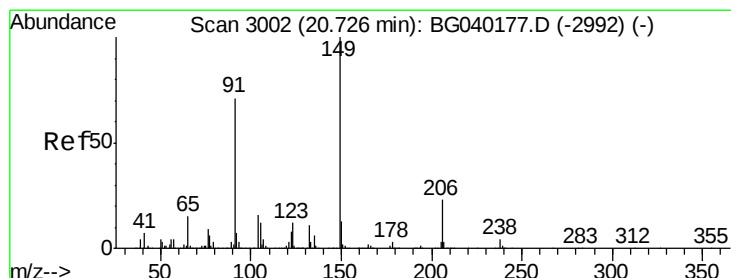
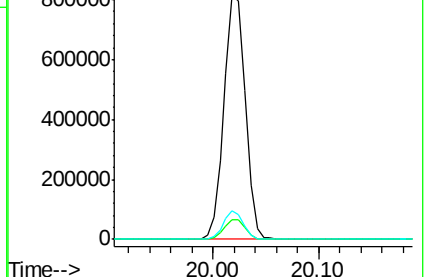
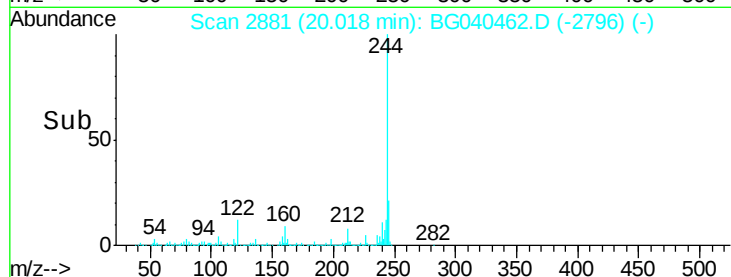
122 11.6 8.5 12.7



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: 40.682 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.03 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

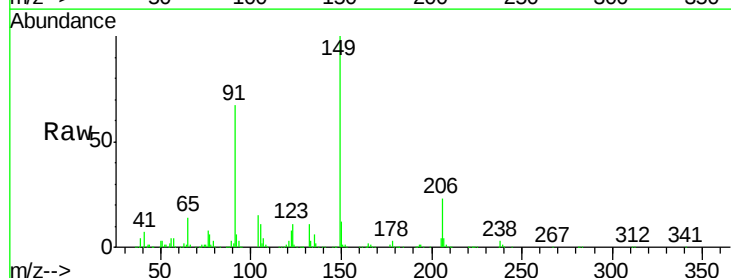
Tgt Ion:149 Resp: 347137

Ion Ratio Lower Upper

149 100

91 67.5 57.0 85.4

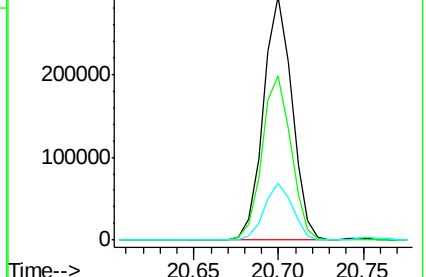
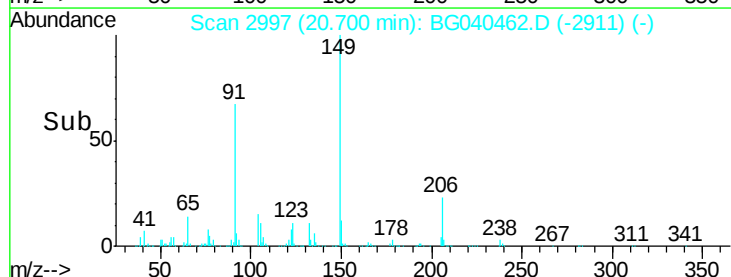
206 23.1 18.2 27.4

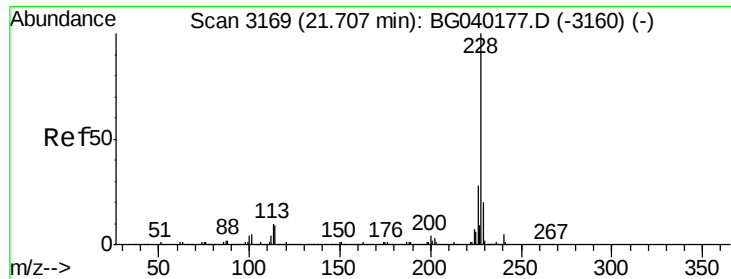


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

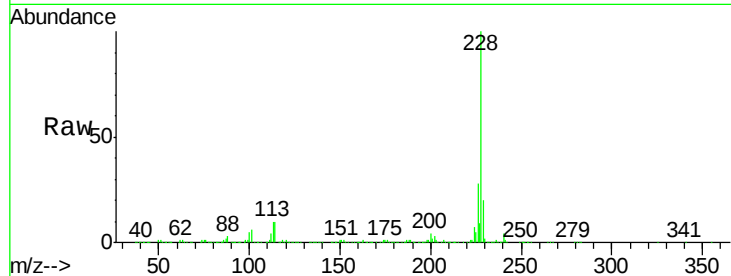




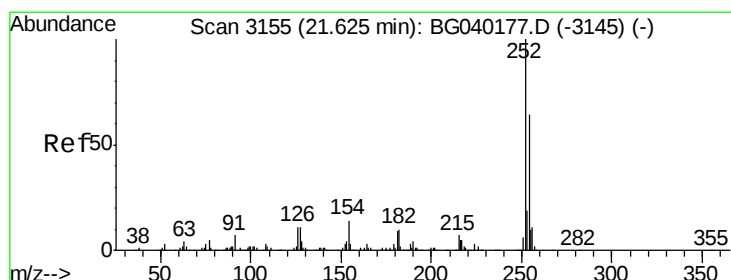
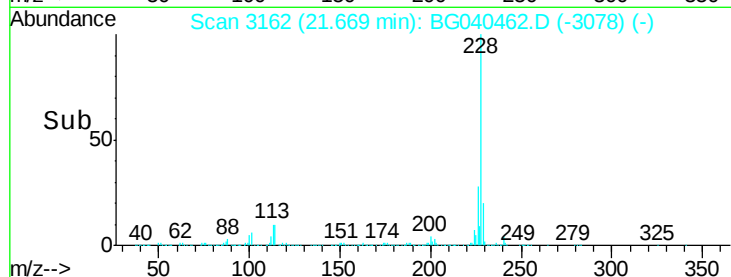
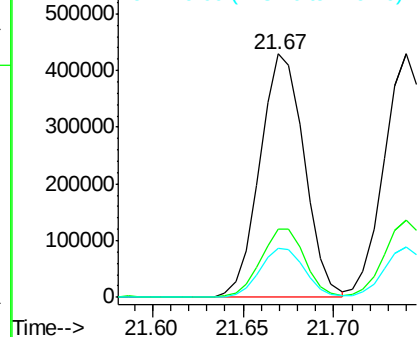
#81
Benzo(a)anthracene
Concen: 39.122 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.04 min
Lab File: BG040462.D
Acq: 12 Apr 2019 15:28

Instrument :
BNA_G
ClientSampled :

Tot Ion:228 Resp: 730684
Ion Ratio Lower Upper
228 100
226 28.3 22.6 34.0
229 20.0 16.1 24.1

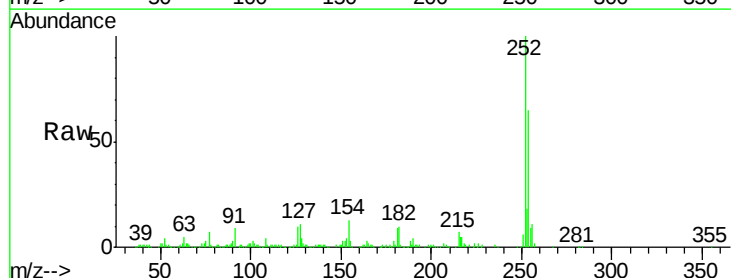


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

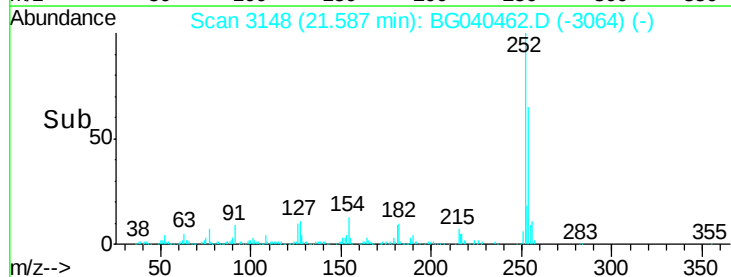
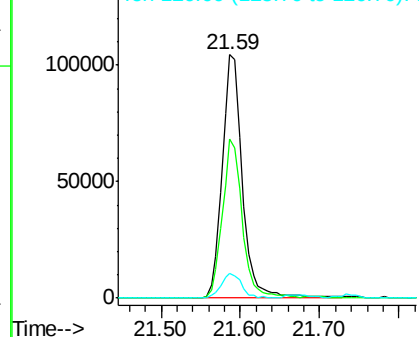


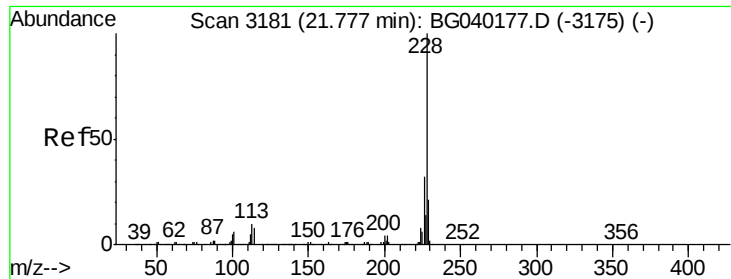
#82
3,3'-Dichlorobenzidine
Concen: 25.881 ng
RT: 21.59 min Scan# 3148
Delta R.T. -0.04 min
Lab File: BG040462.D
Acq: 12 Apr 2019 15:28

Tgt Ion:252 Resp: 183879
Ion Ratio Lower Upper
252 100
254 65.3 51.4 77.2
126 10.2 8.5 12.7



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

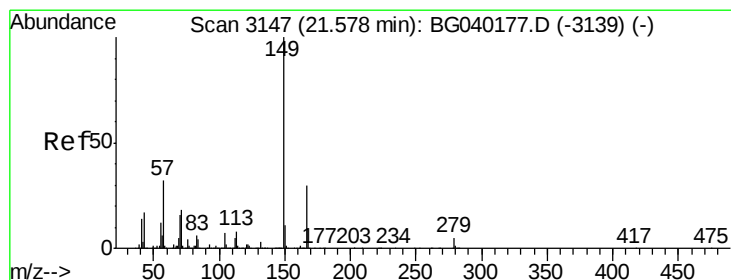
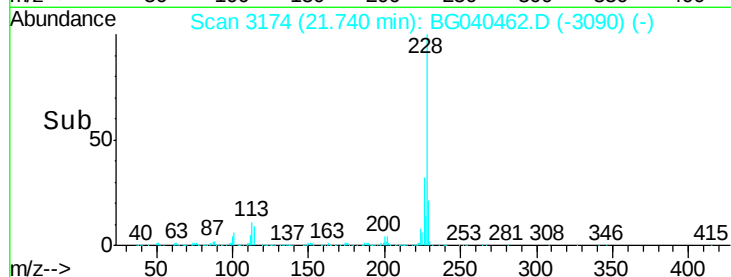
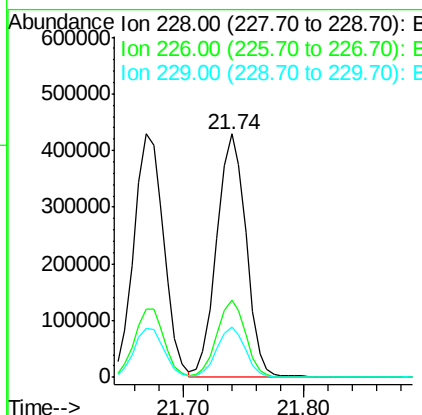
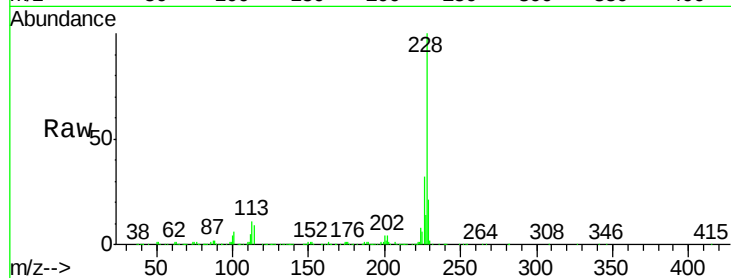




#83
Chrysene
Concen: 40.104 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.04 min
Lab File: BG040462.D
Acq: 12 Apr 2019 15:28

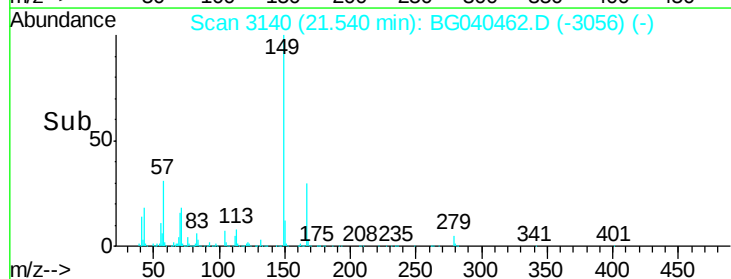
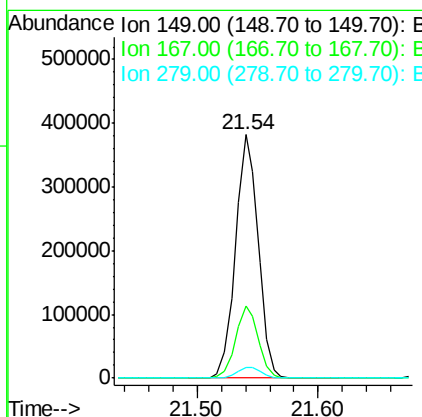
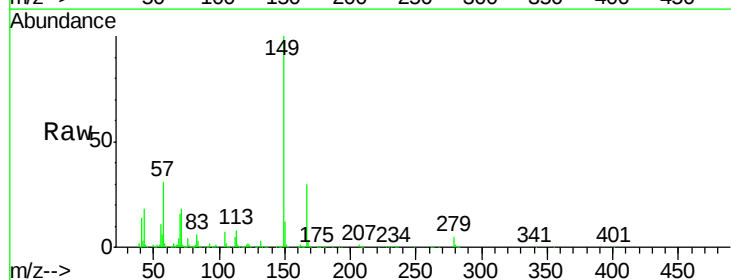
Instrument :
BNA_G
ClientSampled :

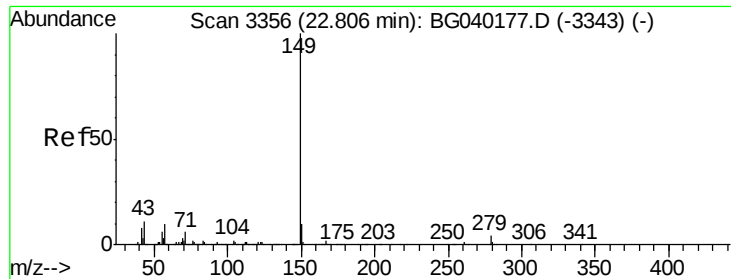
Tot Ion:228 Resp: 719870
Ion Ratio Lower Upper
228 100
226 31.5 25.4 38.0
229 20.5 17.0 25.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.066 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.04 min
Lab File: BG040462.D
Acq: 12 Apr 2019 15:28

Tgt Ion:149 Resp: 500903
Ion Ratio Lower Upper
149 100
167 29.7 24.1 36.1
279 4.5 4.1 6.1

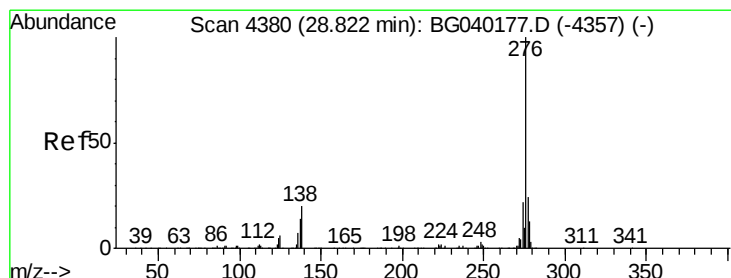
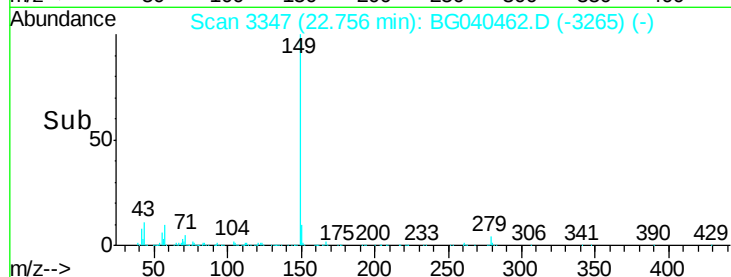
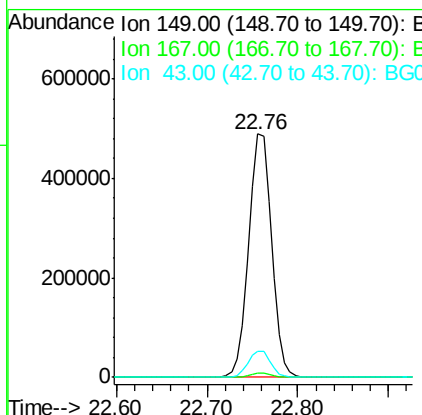
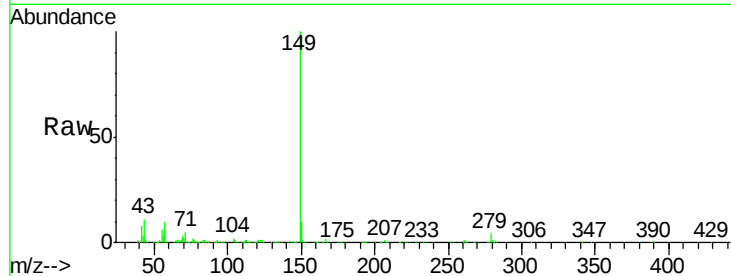




#85
Di-n-octyl phthalate
Concen: 41.330 ng
RT: 22.76 min Scan# 3347
Delta R.T. -0.05 min
Lab File: BG040462.D
Acq: 12 Apr 2019 15:28

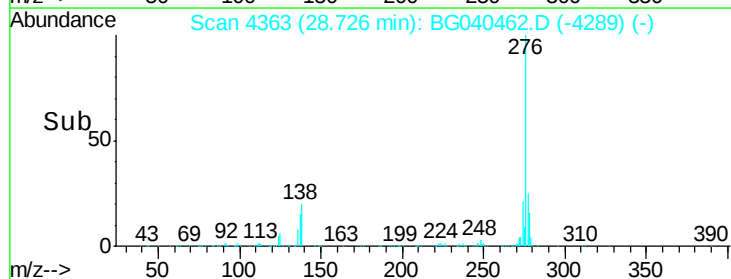
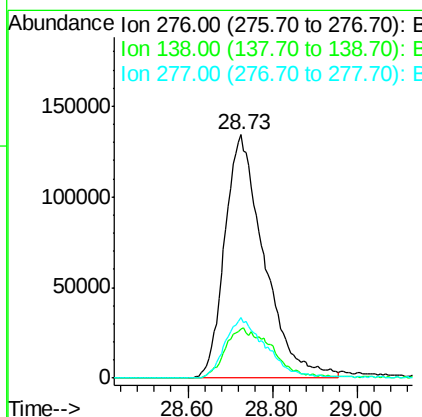
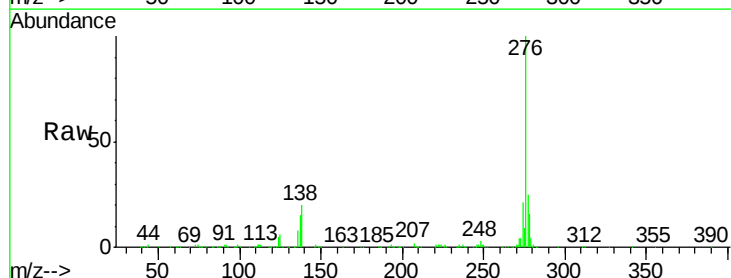
Instrument :
BNA_G
ClientSampleId :

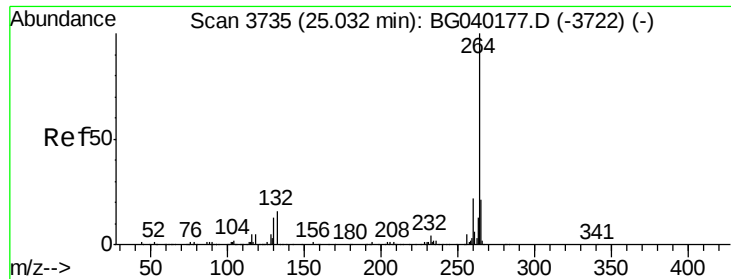
Tot Ion:149 Resp: 858906
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.7 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.614 ng
RT: 28.73 min Scan# 4363
Delta R.T. -0.10 min
Lab File: BG040462.D
Acq: 12 Apr 2019 15:28

Tgt Ion:276 Resp: 869689
Ion Ratio Lower Upper
276 100
138 24.1 18.8 28.2
277 25.4 21.0 31.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3723

Delta R.T. -0.07 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

Instrument :

BNA_G

ClientSampled :

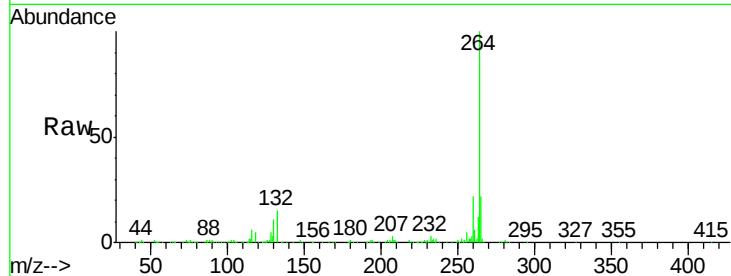
Tot Ion:264 Resp: 312382

Ion Ratio Lower Upper

264 100

260 21.9 17.9 26.9

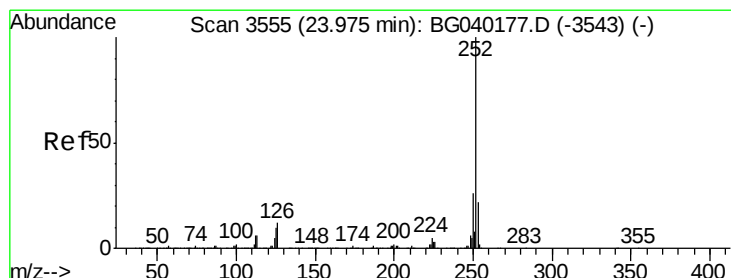
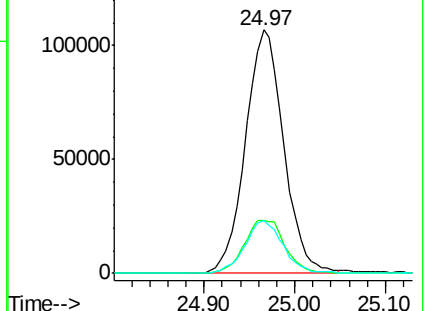
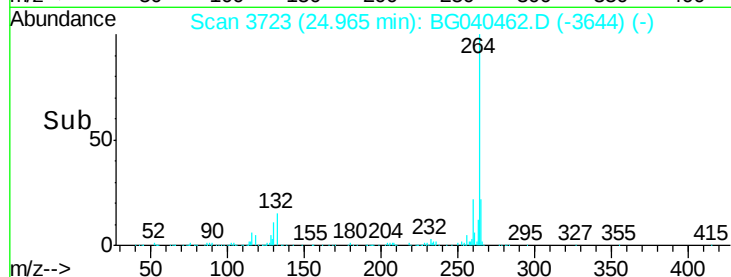
265 21.9 16.8 25.2



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: 41.244 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.06 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

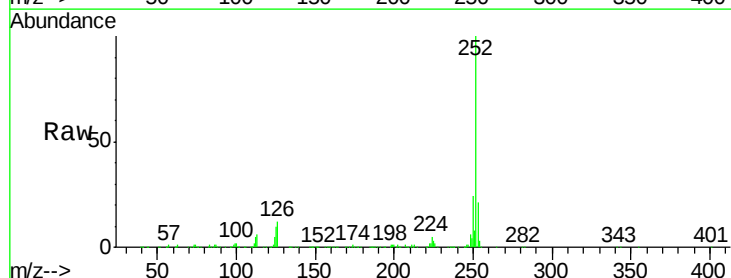
Tgt Ion:252 Resp: 788793

Ion Ratio Lower Upper

252 100

253 21.2 17.6 26.4

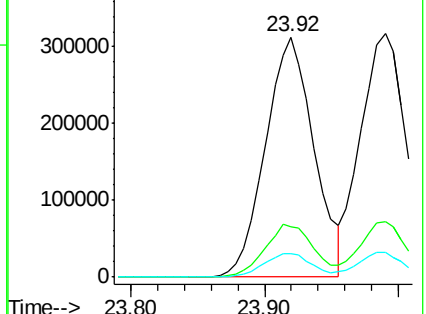
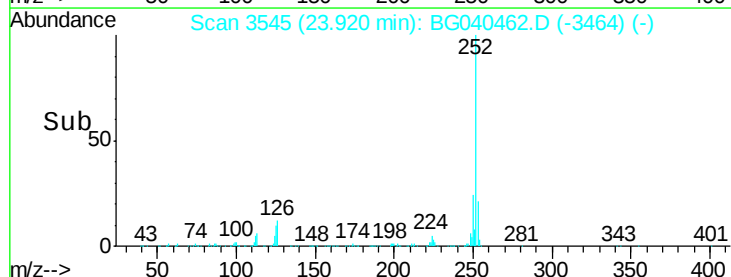
125 9.9 8.2 12.4

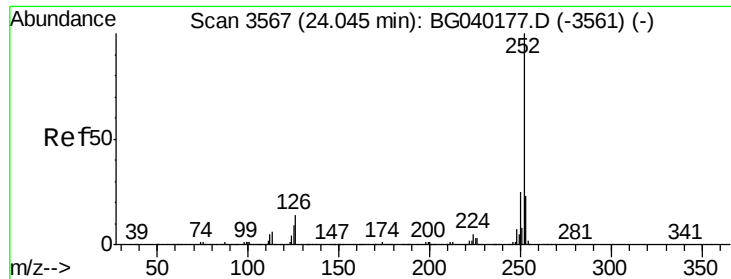


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

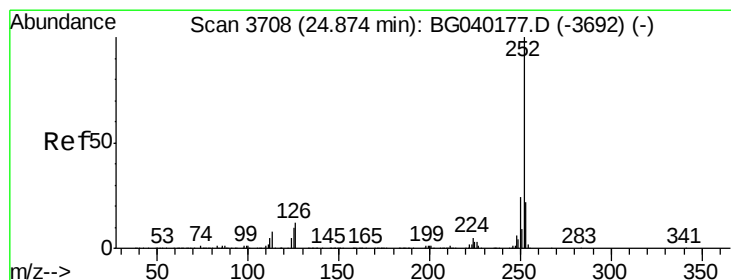
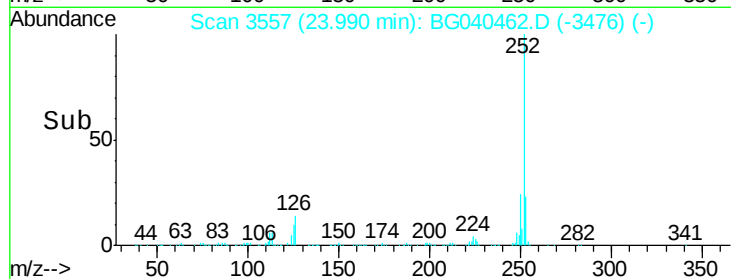
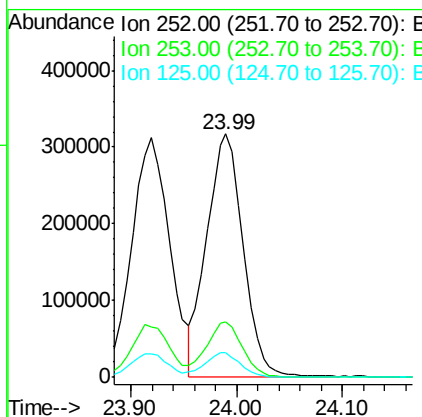
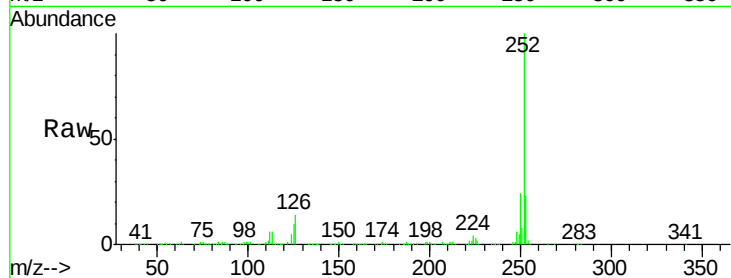




#89
Benzo(k)fluoranthene
Concen: 43.058 ng
RT: 23.99 min Scan# 3557
Delta R.T. -0.06 min
Lab File: BG040462.D
Acq: 12 Apr 2019 15:28

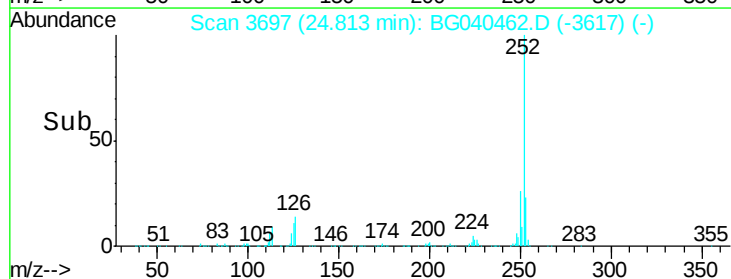
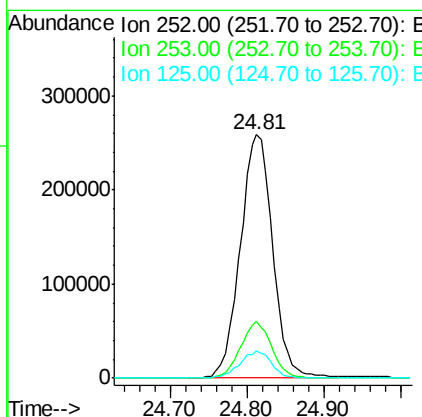
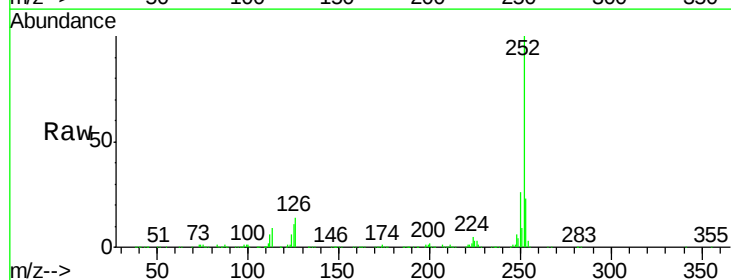
Instrument :
BNA_G
ClientSampleId :

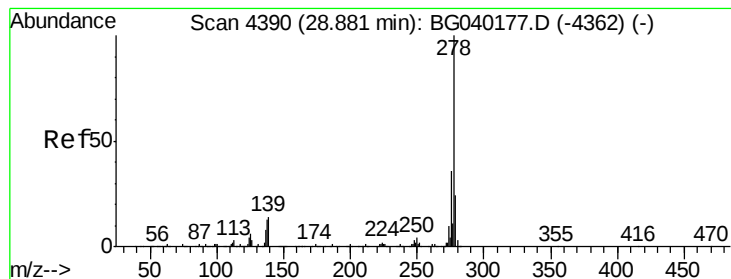
Tot Ion:252 Resp: 757295
Ion Ratio Lower Upper
252 100
253 22.6 18.6 28.0
125 10.1 7.3 10.9



#90
Benzo(a)pyrene
Concen: 42.494 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.06 min
Lab File: BG040462.D
Acq: 12 Apr 2019 15:28

Tgt Ion:252 Resp: 762528
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 11.2 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 41.361 ng

RT: 28.79 min Scan# 4374

Delta R.T. -0.09 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

Instrument :

BNA_G

ClientSampleId :

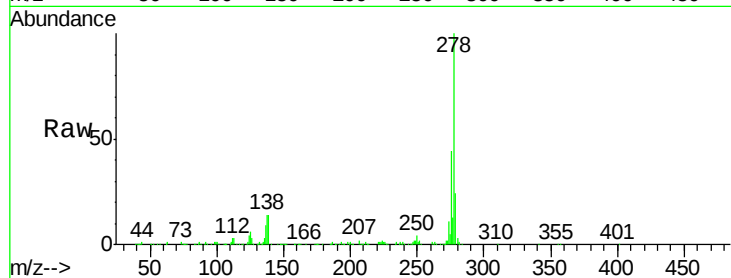
Tot Ion:278 Resp: 689330

Ion Ratio Lower Upper

278 100

139 14.4 11.2 16.8

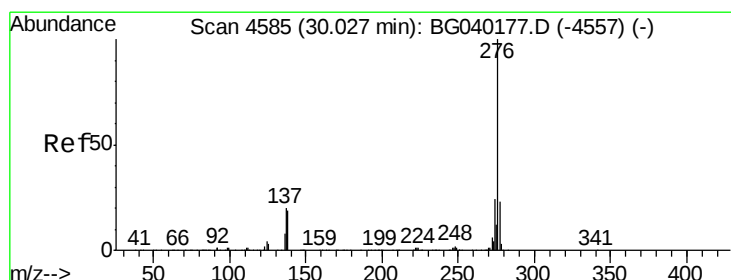
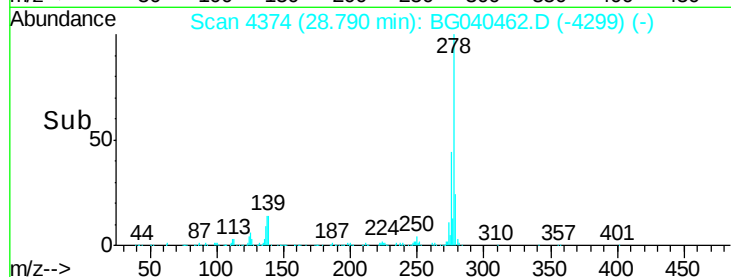
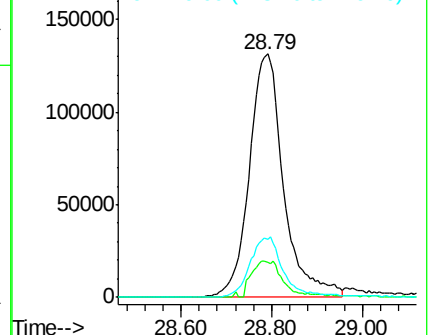
279 23.9 18.9 28.3



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: 40.749 ng

RT: 29.91 min Scan# 4565

Delta R.T. -0.11 min

Lab File: BG040462.D

Acq: 12 Apr 2019 15:28

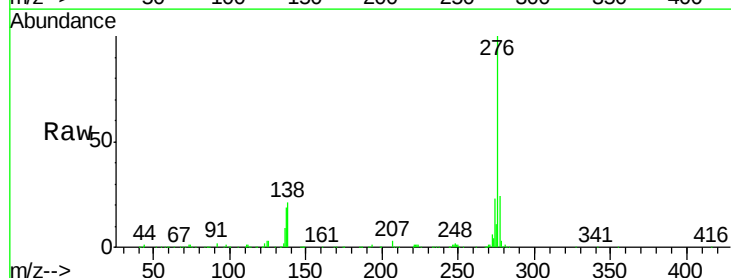
Tgt Ion:276 Resp: 697938

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 21.0 15.2 22.8



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

