

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG043019\
 Data File : BG040673.D
 Acq On : 30 Apr 2019 15:48
 Operator : JU/SJ
 Sample : PB119233BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 30 22:43:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	34084	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	133498	20.00	ng	-0.01
39) Acenaphthene-d10	14.77	164	95484	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	258983	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	297262	20.00	ng	-0.02
87) Perylene-d12	25.16	264	287103	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	278000	143.78	ng	0.00
7) Phenol-d6	7.28	99	394064	132.36	ng	-0.01
23) Nitrobenzene-d5	9.33	82	235735	81.59	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	192427	146.62	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	500375	75.68	ng	-0.02
79) Terphenyl-d14	20.12	244	1064365	79.32	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	44294	50.371	ng	98
3) Pyridine	3.95	79	93461	36.669	ng	97
4) n-Nitrosodimethylamine	3.87	42	54986	38.894	ng	86
6) Aniline	7.47	93	106508	26.991	ng	98
8) 2-Chlorophenol	7.71	128	97340	41.229	ng	96
9) Benzaldehyde	7.28	77	89292	55.346	ng	94
10) Phenol	7.31	94	137640	43.009	ng	95
11) bis(2-Chloroethyl)ether	7.57	93	92524	38.555	ng	92
12) 1,3-Dichlorobenzene	8.04	146	102552	39.796	ng	97
13) 1,4-Dichlorobenzene	8.18	146	103184	39.499	ng	96
14) 1,2-Dichlorobenzene	8.51	146	100426	39.863	ng	99
15) Benzyl Alcohol	8.38	79	115538	37.298	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	169923	35.564	ng	98
17) 2-Methylphenol	8.58	107	93123	41.118	ng	93
18) Hexachloroethane	9.23	117	40308	37.615	ng	95
19) n-Nitroso-di-n-propylamine	8.95	70	92151	34.385	ng	99
20) 3+4-Methylphenols	8.90	107	129219	40.957	ng	97
22) Acetophenone	8.98	105	162767	43.846	ng	# 97
24) Nitrobenzene	9.37	77	137855	44.720	ng	98
25) Isophorone	9.89	82	253660	39.415	ng	100
26) 2-Nitrophenol	10.08	139	53789	48.679	ng	95
27) 2,4-Dimethylphenol	10.12	122	106012	51.134	ng	96
28) bis(2-Chloroethoxy)methane	10.37	93	131322	40.671	ng	97
29) 2,4-Dichlorophenol	10.60	162	113342	48.087	ng	96
30) 1,2,4-Trichlorobenzene	10.83	180	114451	43.788	ng	97
31) Naphthalene	11.03	128	302357	42.631	ng	100
32) Benzoic acid	10.22	122	71487	50.368	ng	94
33) 4-Chloroaniline	11.13	127	75155	23.900	ng	98
34) Hexachlorobutadiene	11.28	225	82638	42.825	ng	98
35) Caprolactam	11.90	113	39248	42.177	ng	87
36) 4-Chloro-3-methylphenol	12.22	107	132543	44.576	ng	99
37) 2-Methylnaphthalene	12.62	142	227802	42.959	ng	97
38) 1-Methylnaphthalene	12.84	142	215130	41.505	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	149649	42.071	ng	97

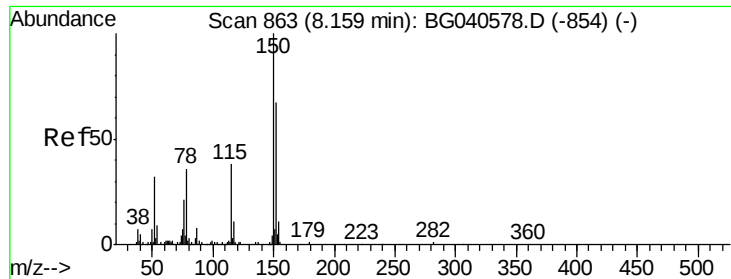
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG043019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	197390	94.043	ng	98
43) 2,4,6-Trichlorophenol	13.21	196	106844	49.706	ng	98
44) 2,4,5-Trichlorophenol	13.28	196	113948	48.662	ng	96
46) 1,1'-Biphenyl	13.62	154	311537	42.023	ng	97
47) 2-Chloronaphthalene	13.66	162	249924	43.078	ng	98
48) 2-Nitroaniline	13.86	65	102055	49.417	ng	96
49) Acenaphthylene	14.50	152	407666	41.416	ng	98
50) Dimethylphthalate	14.23	163	351286	43.972	ng	99
51) 2,6-Dinitrotoluene	14.35	165	74859	48.011	ng	98
52) Acenaphthene	14.84	154	240242	41.910	ng	93
53) 3-Nitroaniline	14.69	138	53223	33.315	ng	99
54) 2,4-Dinitrophenol	14.89	184	82091	92.181	ng	# 87
55) Dibenzofuran	15.17	168	410366	43.706	ng	100
56) 4-Nitrophenol	14.97	139	131048	94.601	ng	97
57) 2,4-Dinitrotoluene	15.13	165	111609	52.678	ng	98
58) Fluorene	15.82	166	325724	42.921	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	122808	52.107	ng	97
60) Diethylphthalate	15.58	149	370477	43.953	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	197433	44.731	ng	99
62) 4-Nitroaniline	15.84	138	83853	46.922	ng	95
63) Azobenzene	16.10	77	360648	41.546	ng	98
65) 4,6-Dinitro-2-methylphenol	15.89	198	58665	46.273	ng	92
66) n-Nitrosodiphenylamine	16.02	169	303665	39.853	ng	98
67) 4-Bromophenyl-phenylether	16.70	248	130812	40.542	ng	94
68) Hexachlorobenzene	16.81	284	136685	40.969	ng	97
69) Atrazine	16.96	200	133621	44.262	ng	99
70) Pentachlorophenol	17.15	266	180046	92.223	ng	98
71) Phenanthrene	17.57	178	590415	42.325	ng	98
72) Anthracene	17.65	178	603595	43.048	ng	99
73) Carbazole	17.92	167	548610	42.945	ng	99
74) Di-n-butylphthalate	18.46	149	651289	42.240	ng	99
75) Fluoranthene	19.56	202	784778	45.145	ng	98
77) Benzidine	19.75	184	277384	34.080	ng	98
78) Pyrene	19.93	202	782941	42.023	ng	99
80) Butylbenzylphthalate	20.80	149	303215	41.756	ng	93
81) Benzo(a)anthracene	21.78	228	748804	39.857	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	179133	26.751	ng	97
83) Chrysene	21.85	228	737771	41.292	ng	98
84) Bis(2-ethylhexyl)phthalate	21.66	149	406999	38.828	ng	100
85) Di-n-octyl phthalate	22.92	149	695294	39.386	ng	99
86) Indeno(1,2,3-cd)pyrene	29.02	276	858061	39.721	ng	# 92
88) Benzo(b)fluoranthene	24.09	252	757565	43.180	ng	99
89) Benzo(k)fluoranthene	24.16	252	720772	43.990	ng	96
90) Benzo(a)pyrene	25.00	252	738934	44.495	ng	# 96
91) Dibenzo(a,h)anthracene	29.09	278	704383	41.913	ng	98
92) Benzo(g,h,i)perylene	30.24	276	703670	42.071	ng	98

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

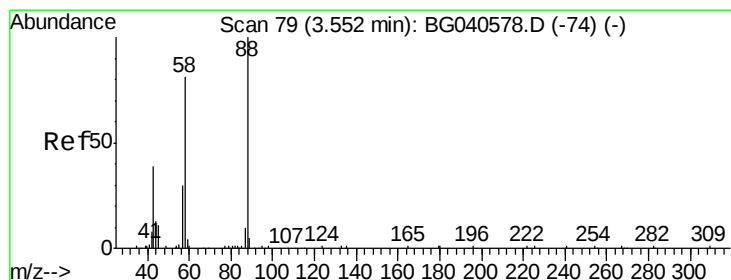
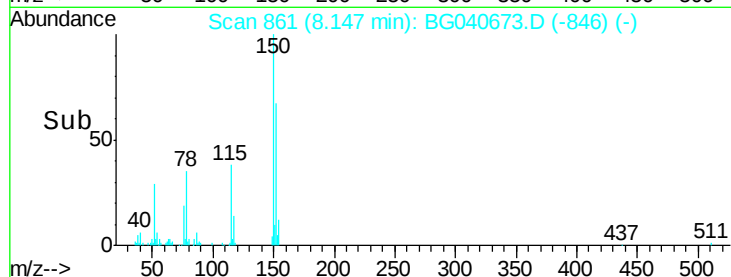
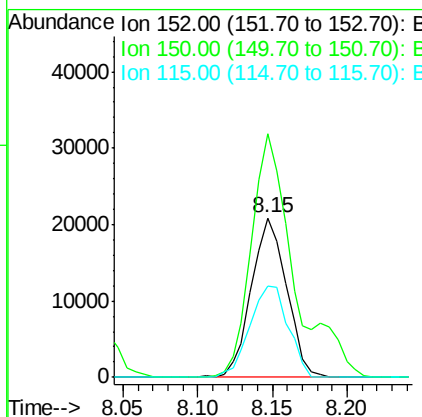
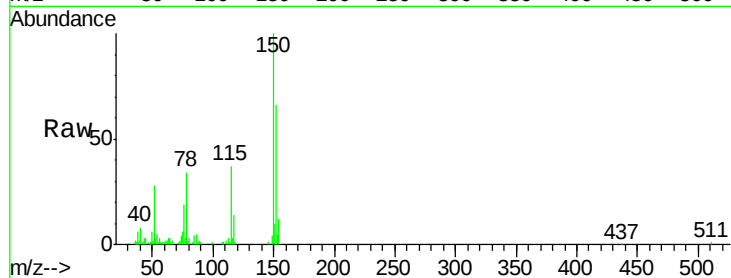


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.15 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

Instrument :
 BNA_G
 ClientSampleId :

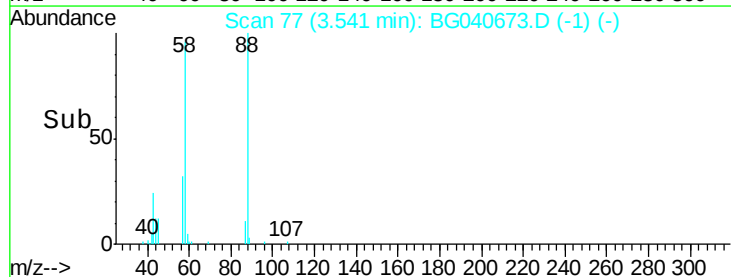
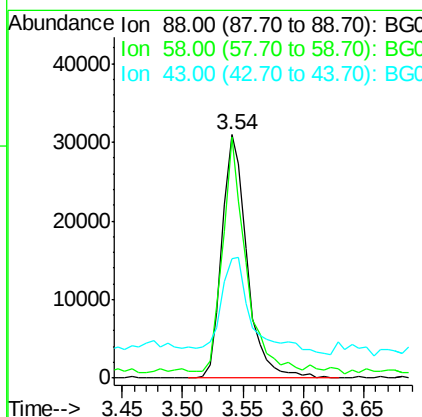
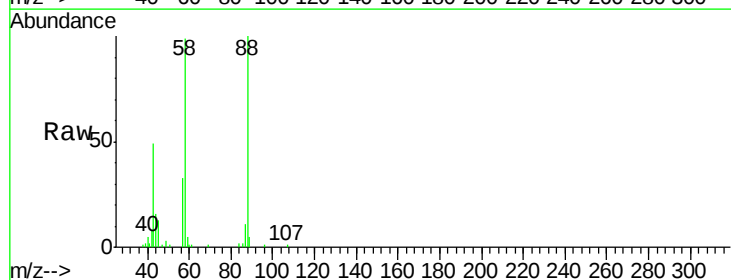
Tot Ion:152 Resp: 34084
 Ion Ratio Lower Upper
 152 100
 150 152.5 120.2 180.2
 115 56.9 46.2 69.2

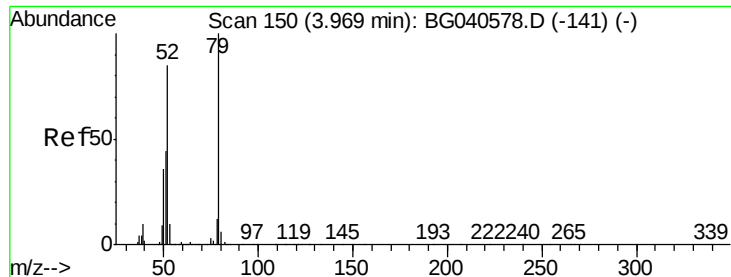


#2

1,4-Dioxane
 Concen: 50.371 ng
 RT: 3.54 min Scan# 77
 Delta R.T. -0.01 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

Tgt Ion: 88 Resp: 44294
 Ion Ratio Lower Upper
 88 100
 58 87.9 71.2 106.8
 43 47.3 35.6 53.4





#3

Pvridine

Concen: 36.669 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.02 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

Instrument :

BNA_G

ClientSampleId :

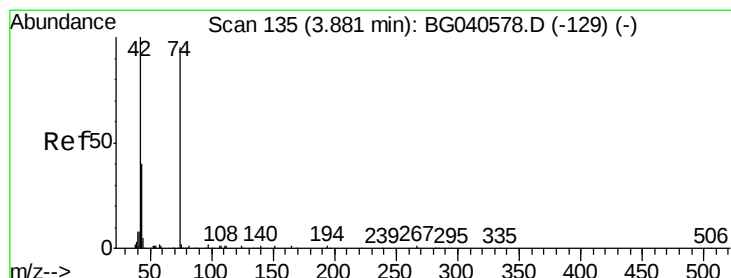
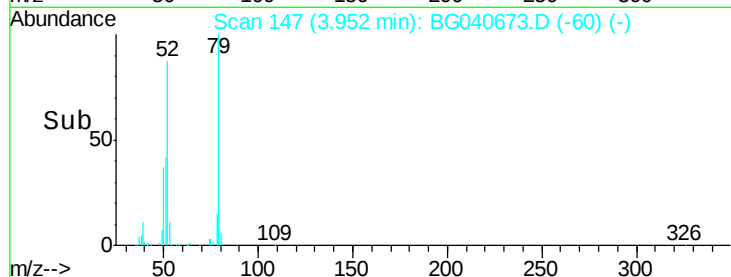
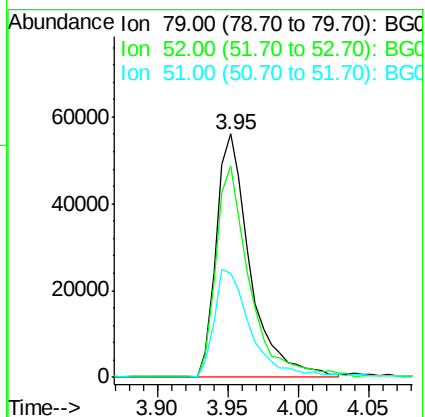
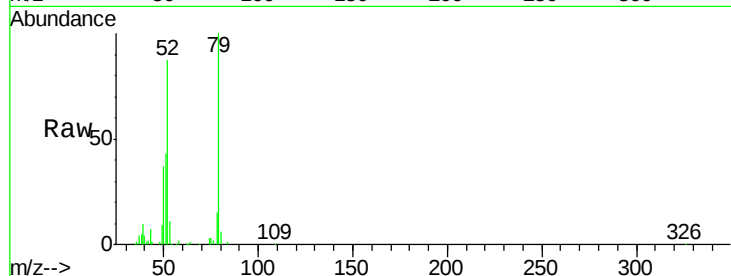
Tot Ion: 79 Resp: 93461

Ion Ratio Lower Upper

79 100

52 87.0 67.5 101.3

51 42.9 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 38.894 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

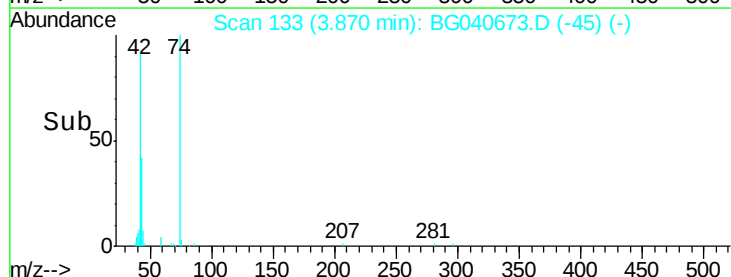
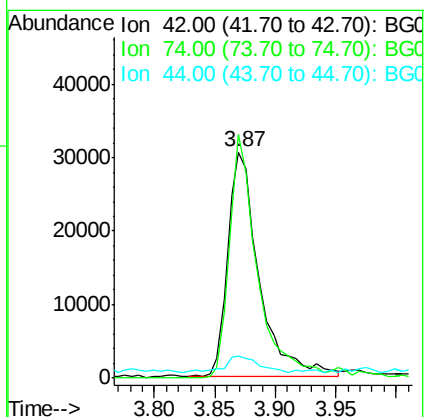
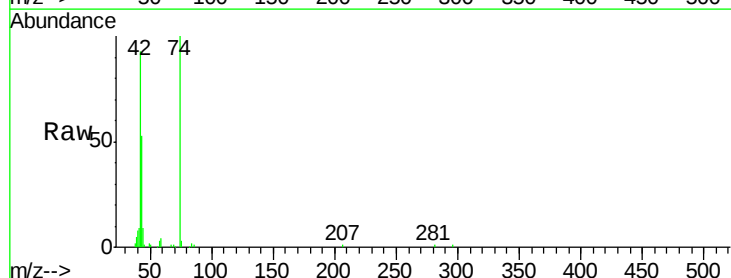
Tgt Ion: 42 Resp: 54986

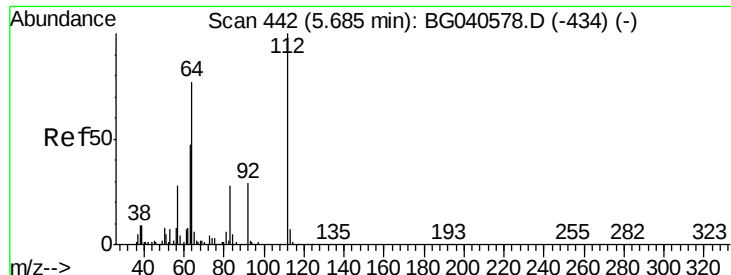
Ion Ratio Lower Upper

42 100

74 107.8 74.6 111.8

44 10.0 7.4 11.0





#5

2-Fluorophenol

Concen: 143.777 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.00 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

Instrument :

BNA_G

ClientSampleId :

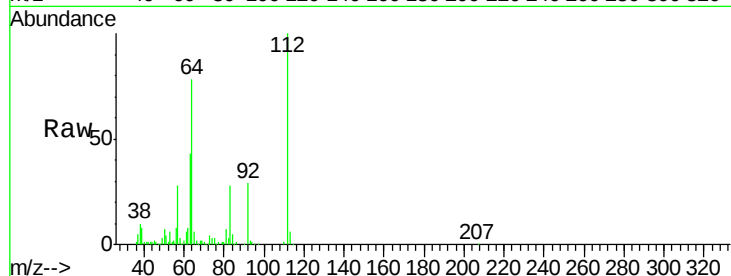
Tot Ion:112 Resp: 278000

Ion Ratio Lower Upper

112 100

64 78.0 61.4 92.0

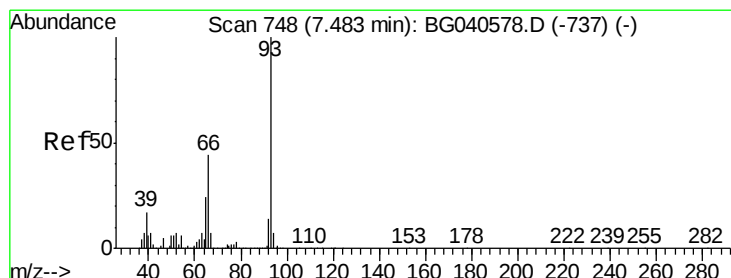
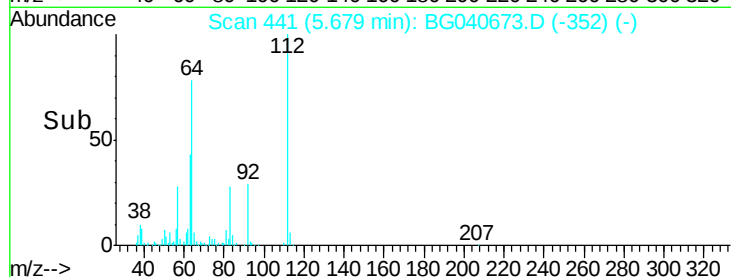
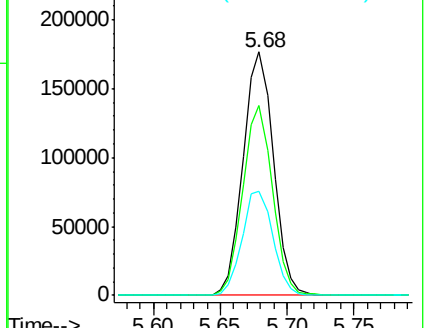
63 42.6 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.991 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

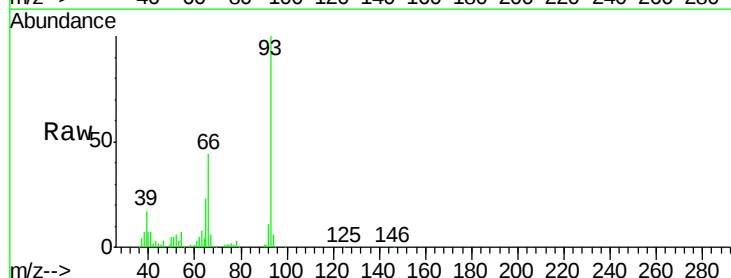
Tgt Ion: 93 Resp: 106508

Ion Ratio Lower Upper

93 100

66 43.5 35.5 53.3

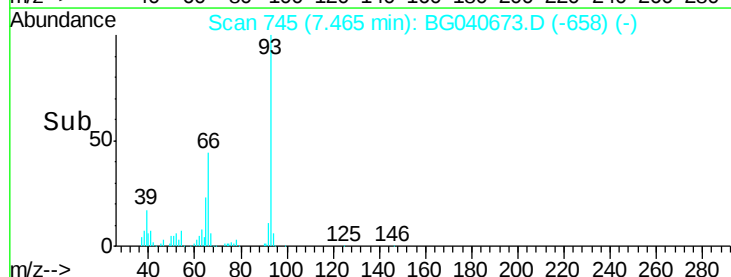
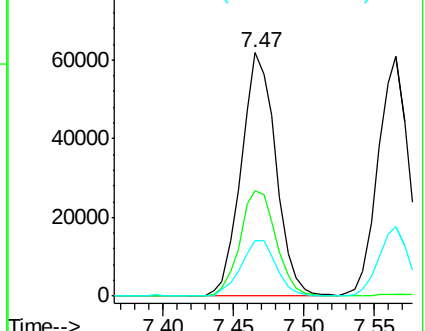
65 22.7 19.2 28.8

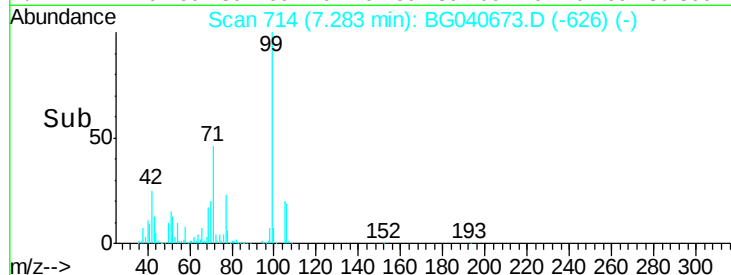
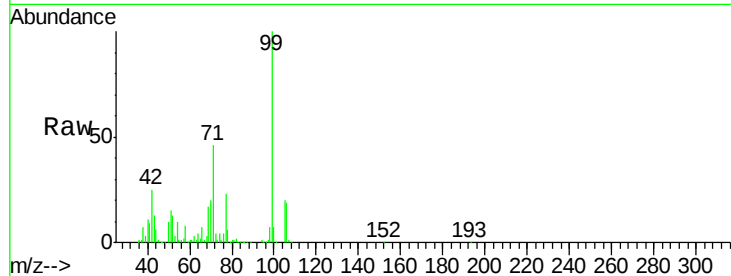


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.364 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

Instrument :

BNA_G

ClientSampleId :

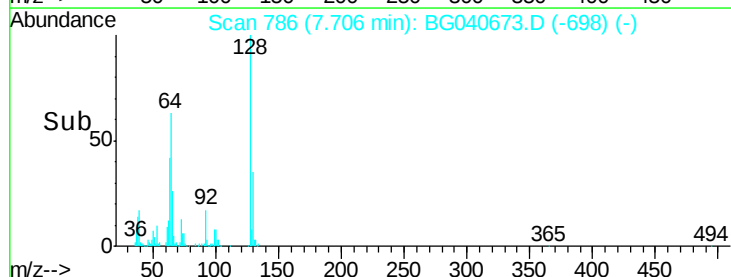
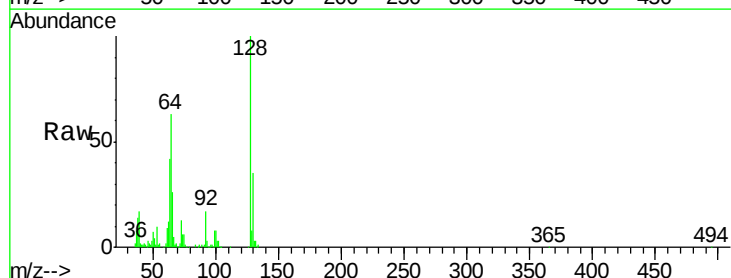
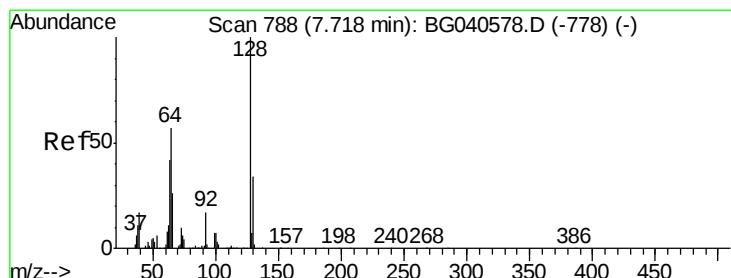
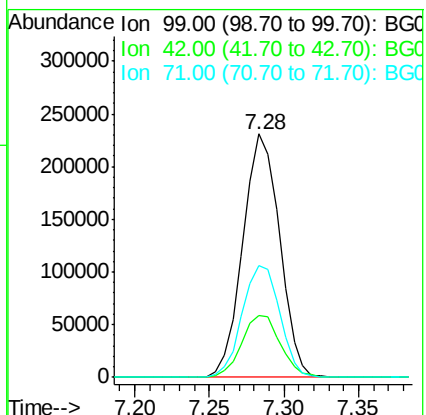
Tot Ion: 99 Resp: 394064

Ion Ratio Lower Upper

99 100

42 25.4 21.8 32.8

71 45.8 38.6 57.8



#8

2-Chlorophenol

Concen: 41.229 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

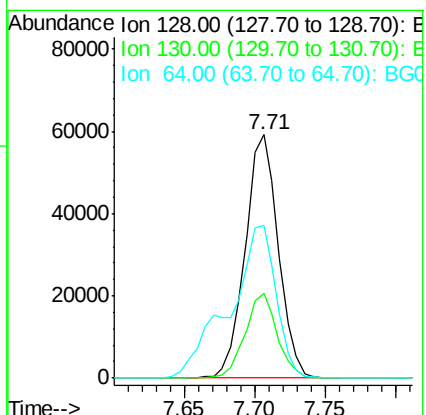
Tgt Ion: 128 Resp: 97340

Ion Ratio Lower Upper

128 100

130 35.0 14.5 54.5

64 62.9 38.4 78.4





#9

Benzaldehyde

Concen: 55.346 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

Instrument :

BNA_G

ClientSampleId :

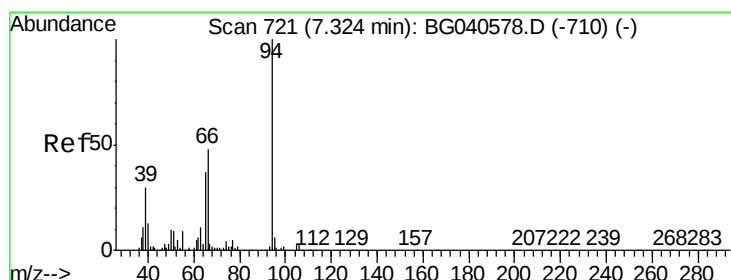
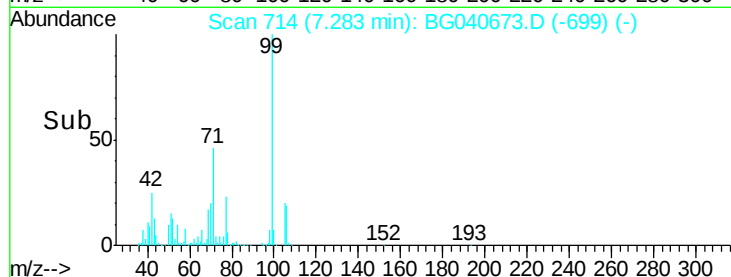
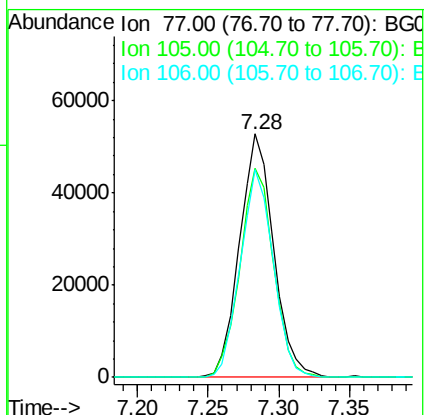
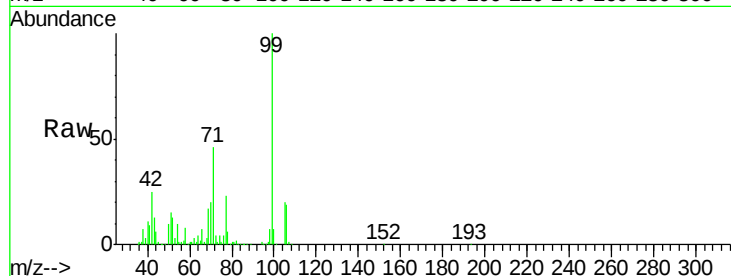
Tot Ion: 77 Resp: 89292

Ion Ratio Lower Upper

77 100

105 86.0 72.0 112.0

106 85.3 61.2 101.2



#10

Phenol

Concen: 43.009 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

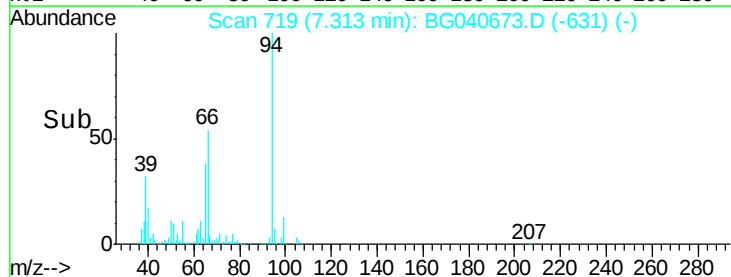
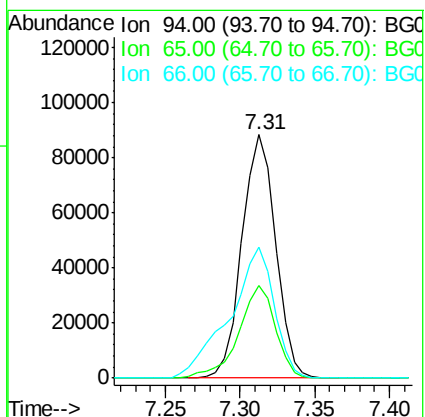
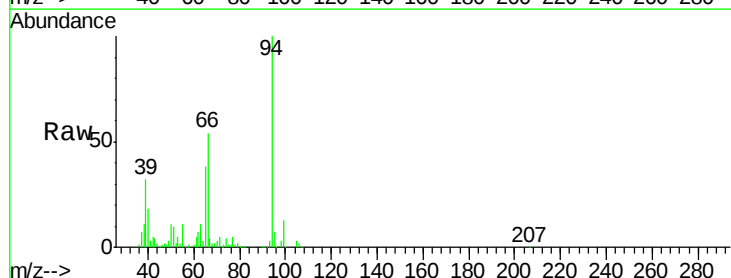
Tgt Ion: 94 Resp: 137640

Ion Ratio Lower Upper

94 100

65 38.1 17.0 57.0

66 54.1 28.6 68.6

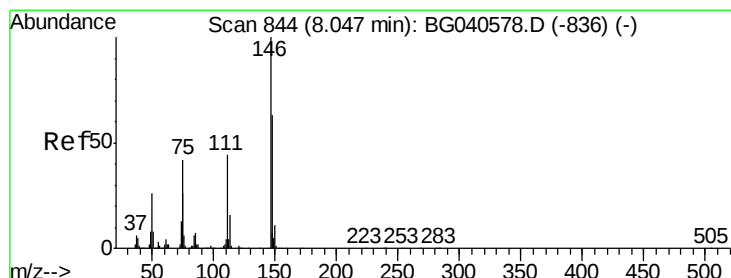
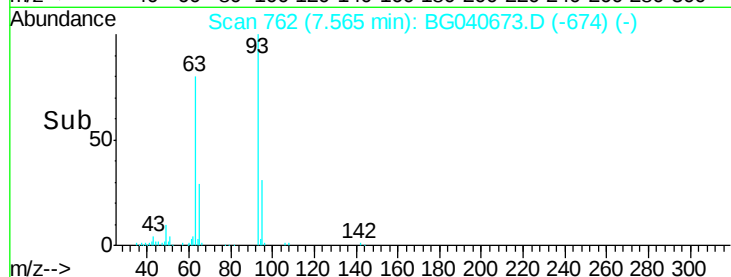
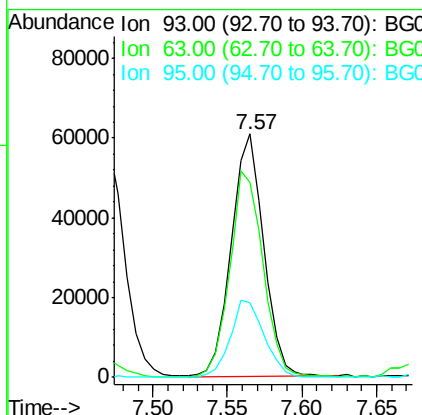
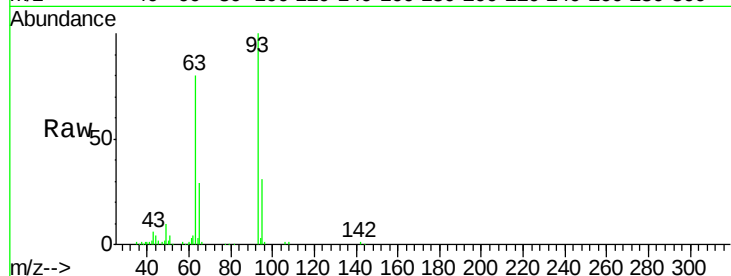




#11
bis(2-Chloroethyl)ether
Concen: 38.555 ng
RT: 7.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BG040673.D
Acq: 30 Apr 2019 15:48

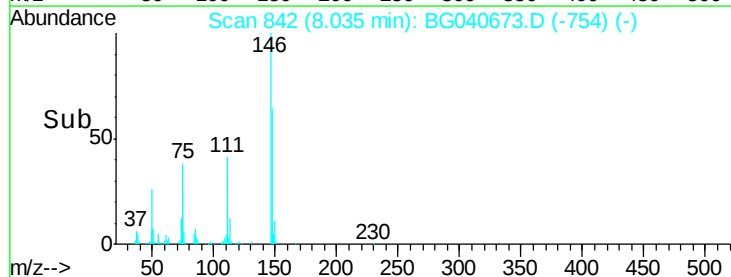
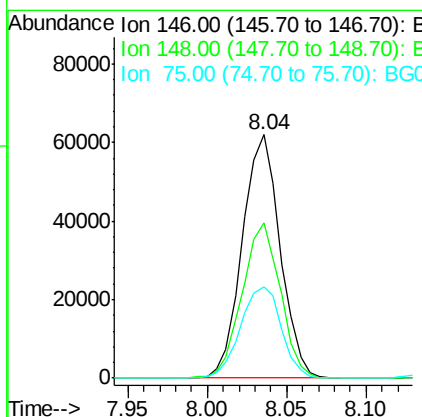
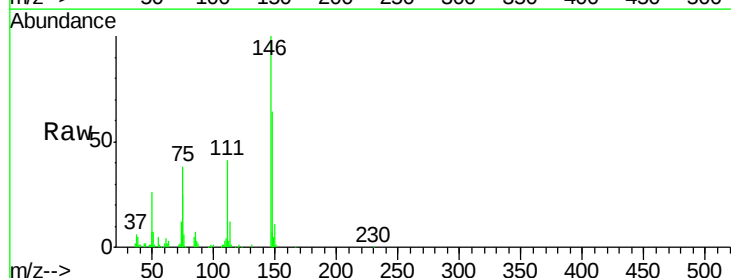
Instrument :
BNA_G
ClientSampleId :

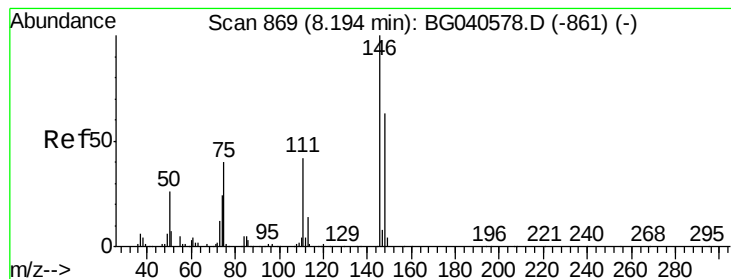
Tot Ion: 93 Resp: 92524
Ion Ratio Lower Upper
93 100
63 80.3 68.2 108.2
95 30.5 14.3 54.3



#12
1,3-Dichlorobenzene
Concen: 39.796 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG040673.D
Acq: 30 Apr 2019 15:48

Tgt Ion: 146 Resp: 102552
Ion Ratio Lower Upper
146 100
148 63.7 50.7 76.1
75 37.7 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 39.499 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

Instrument :

BNA_G

ClientSampled :

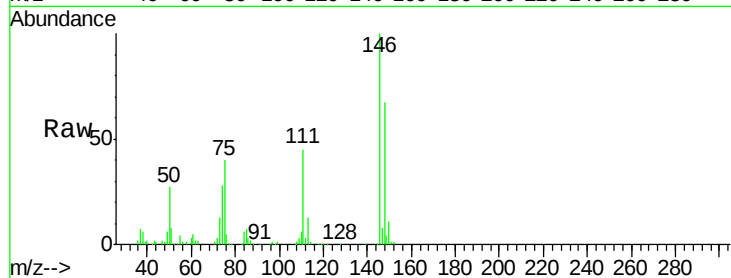
Tot Ion:146 Resp: 103184

Ion Ratio Lower Upper

146 100

148 66.8 50.6 75.8

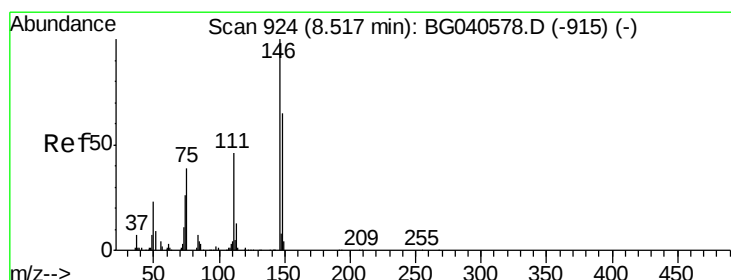
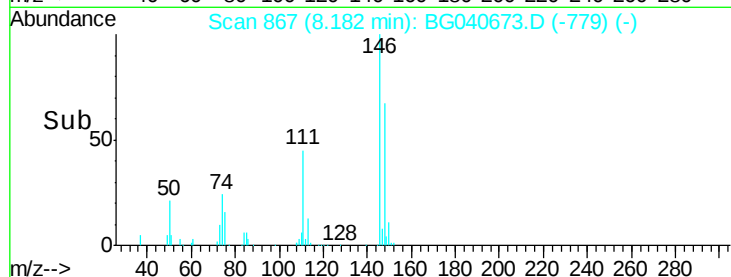
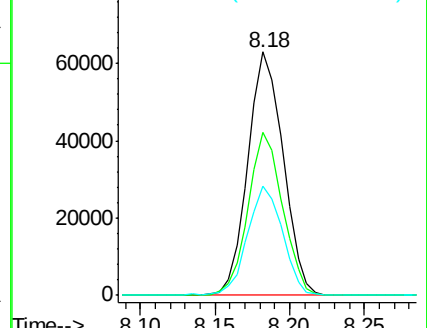
111 44.6 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.863 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

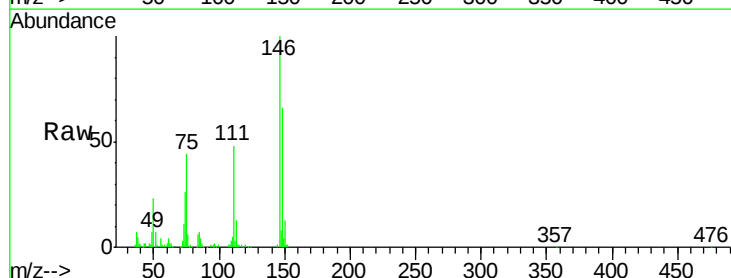
Tgt Ion:146 Resp: 100426

Ion Ratio Lower Upper

146 100

148 65.7 52.2 78.4

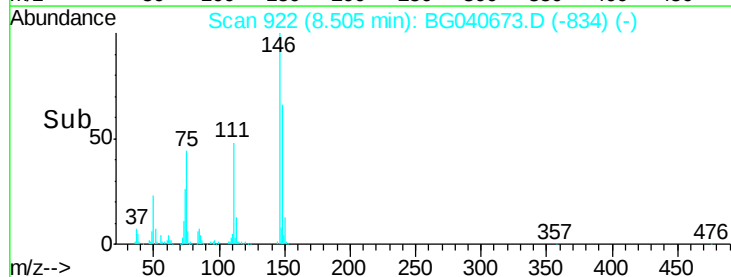
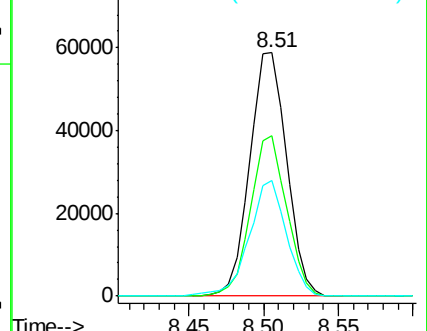
111 47.5 37.4 56.0

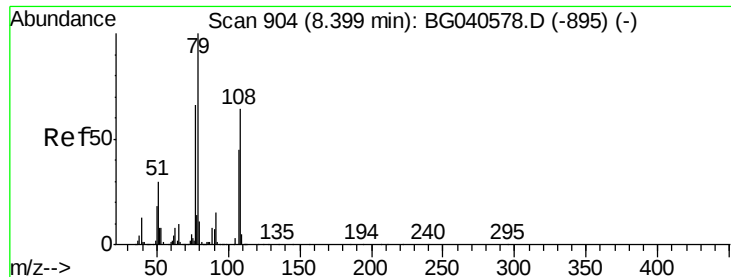


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.298 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

Instrument :

BNA_G

ClientSampleId :

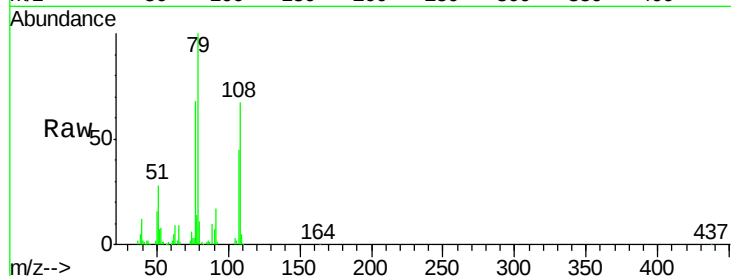
Tot Ion: 79 Resp: 115538

Ion Ratio Lower Upper

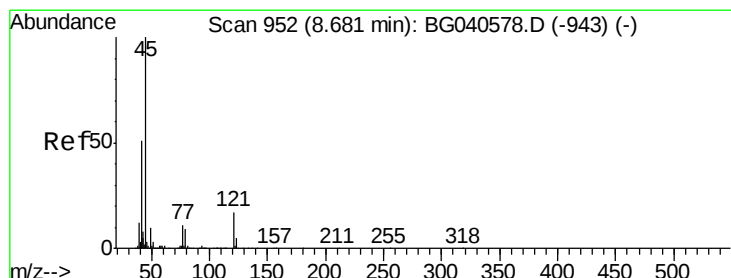
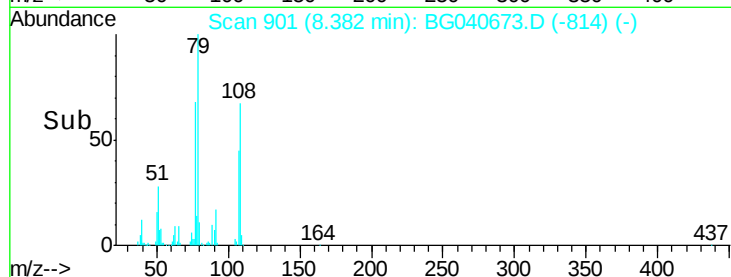
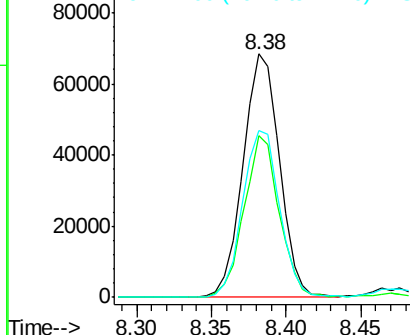
79 100

108 66.6 51.4 77.0

77 68.3 52.6 79.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.564 ng

RT: 8.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

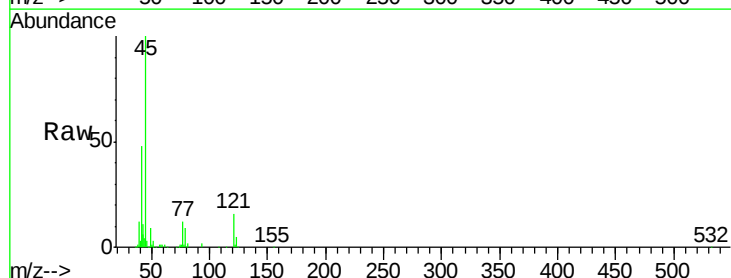
Tgt Ion: 45 Resp: 169923

Ion Ratio Lower Upper

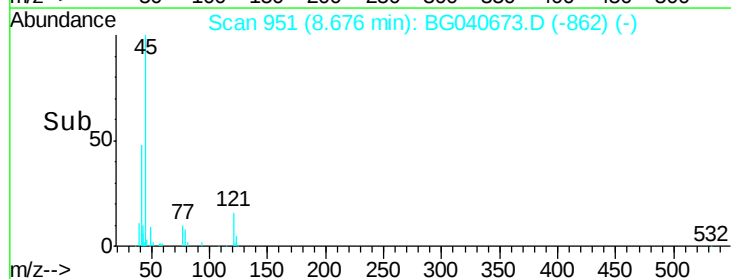
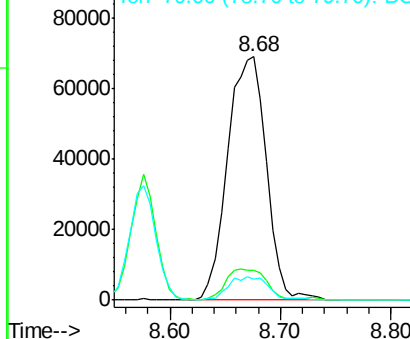
45 100

77 12.1 0.0 31.5

79 8.7 0.0 29.4



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 41.118 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 93123

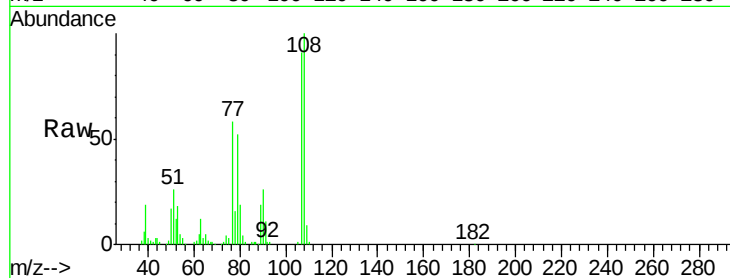
Ion Ratio Lower Upper

107 100

108 110.5 81.2 121.8

77 63.8 44.4 66.6

79 57.9 47.0 70.4

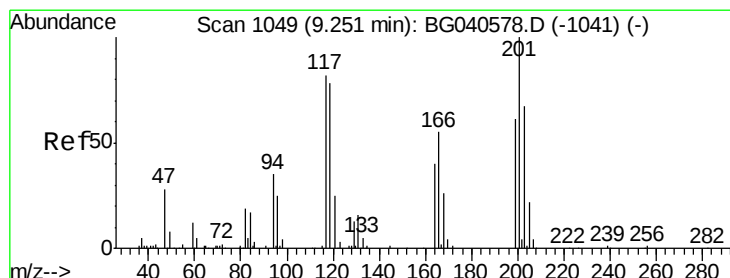
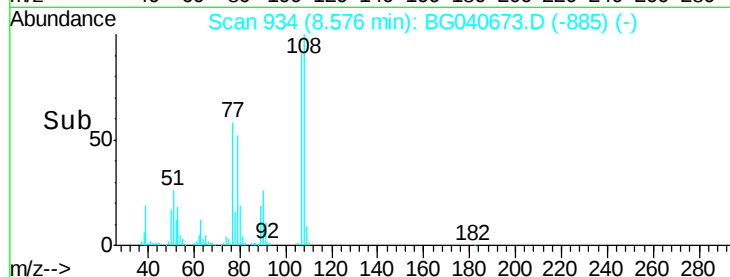
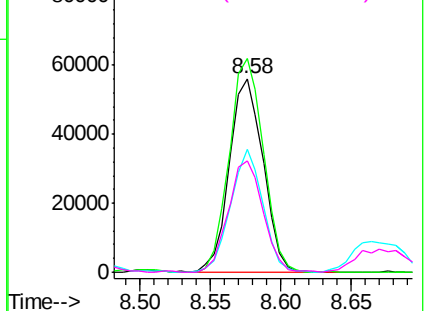


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.615 ng

RT: 9.23 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

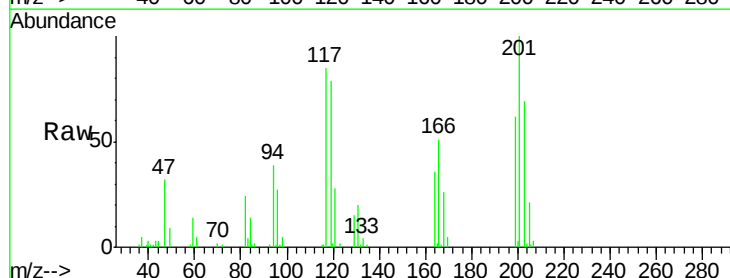
Tgt Ion:117 Resp: 40308

Ion Ratio Lower Upper

117 100

119 93.6 76.6 114.8

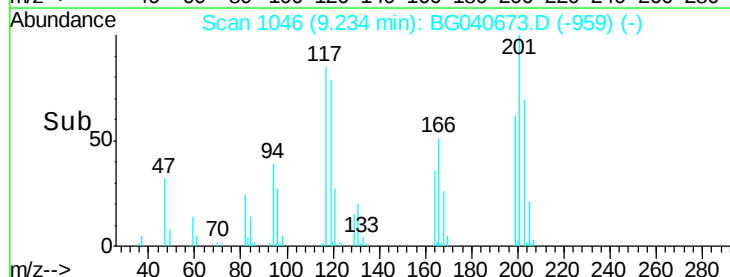
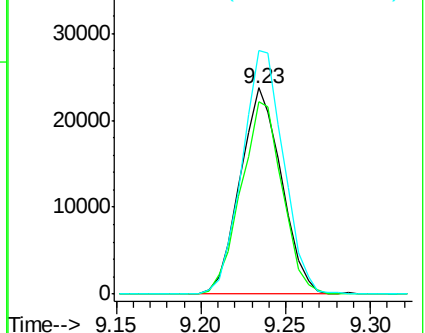
201 118.2 101.0 151.6

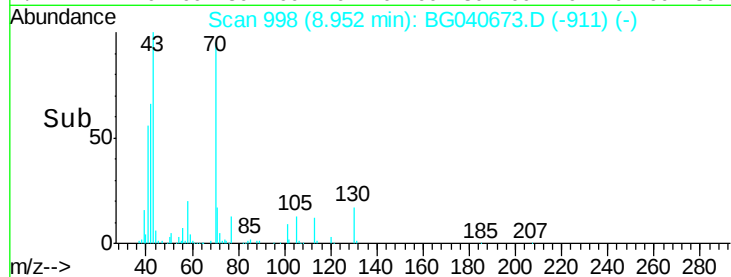
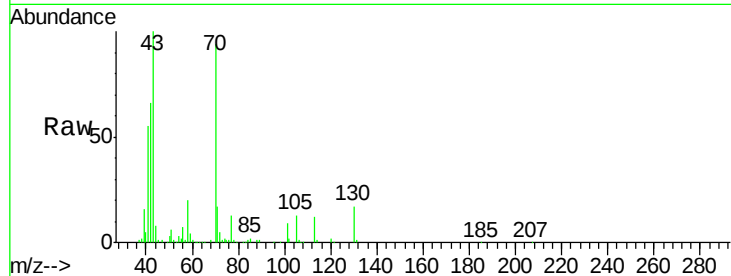
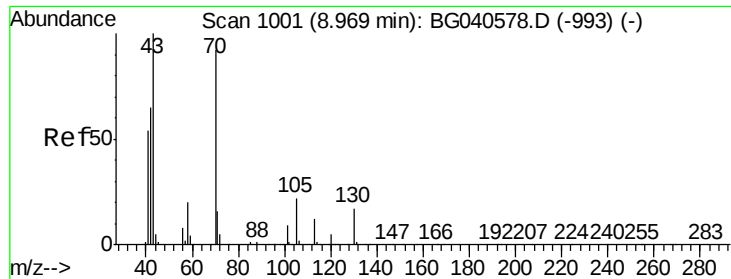


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

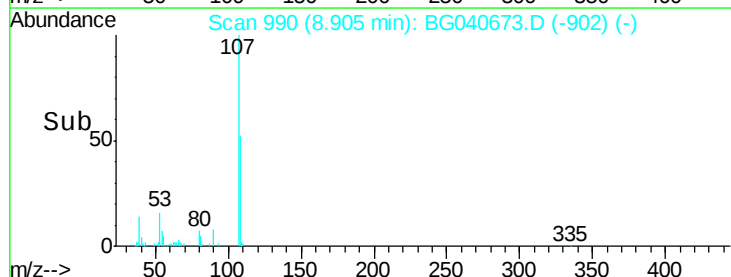
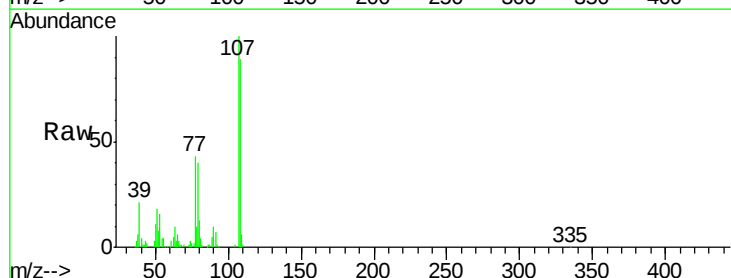
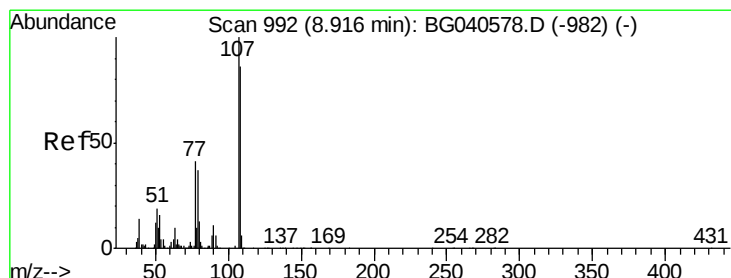
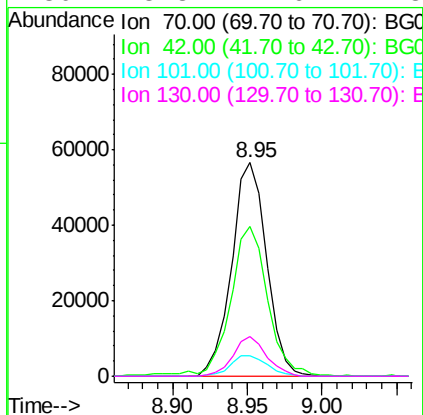




#19
n-Nitroso-di-n-propylamine
Concen: 34.385 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG040673.D
Acq: 30 Apr 2019 15:48

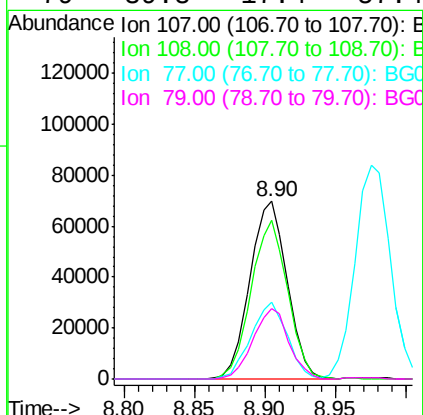
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	92151
Ion	Ratio	Lower	Upper
70	100		
42	70.1	57.1	85.7
101	9.8	7.8	11.8
130	18.3	14.6	21.8



#20
3+4-Methylphenols
Concen: 40.957 ng
RT: 8.90 min Scan# 990
Delta R.T. -0.01 min
Lab File: BG040673.D
Acq: 30 Apr 2019 15:48

Tgt Ion:	107	Resp:	129219
Ion	Ratio	Lower	Upper
107	100		
108	89.2	66.1	106.1
77	43.2	21.6	61.6
79	39.8	17.4	57.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 133498

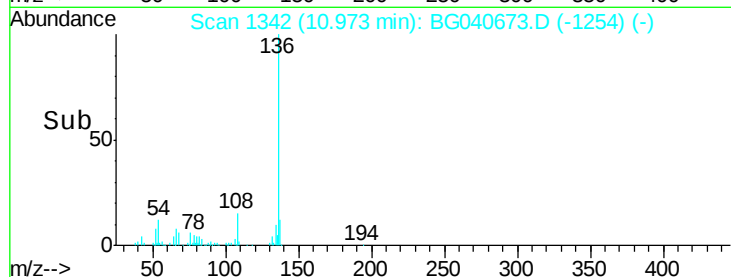
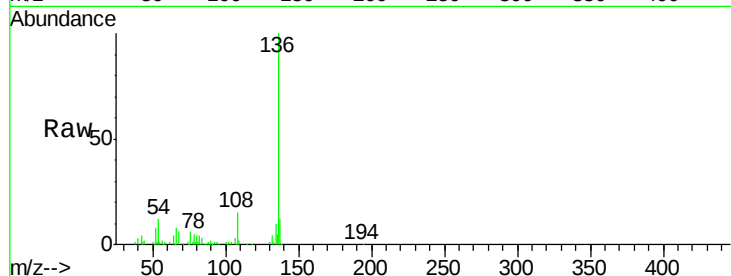
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 11.7 8.6 12.8

68 6.0 4.8 7.2

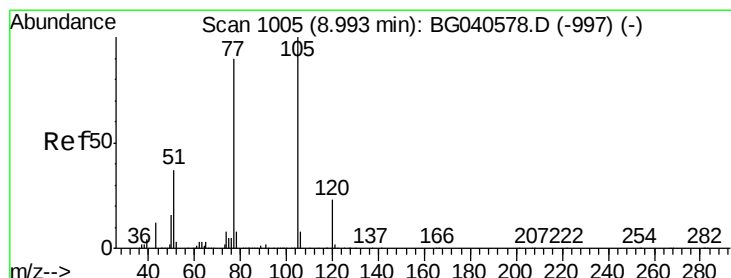
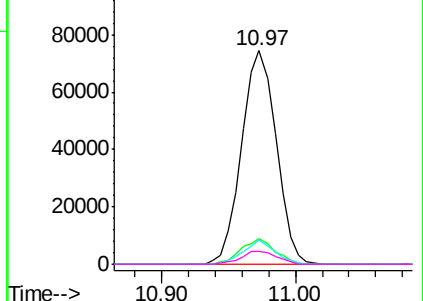


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 43.846 ng

RT: 8.98 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

Tgt Ion:105 Resp: 162767

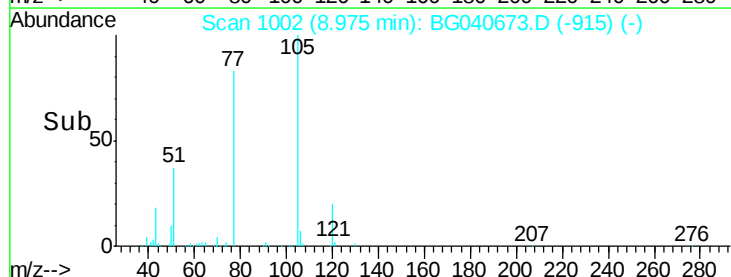
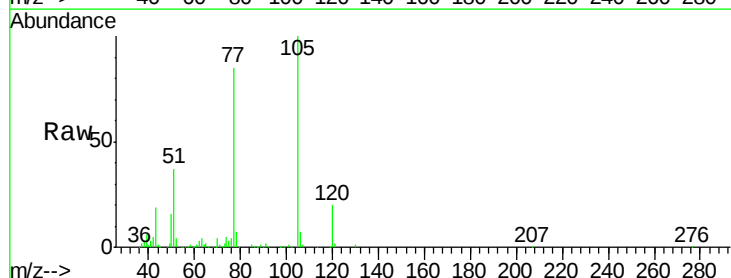
Ion Ratio Lower Upper

105 100

71 0.7 1.8 2.8#

51 37.0 29.8 44.8

120 20.0 18.4 27.6

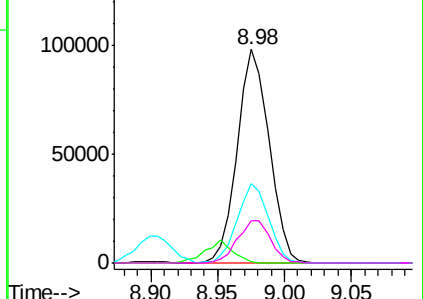


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

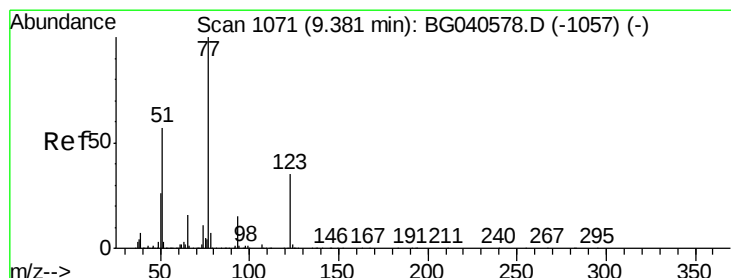
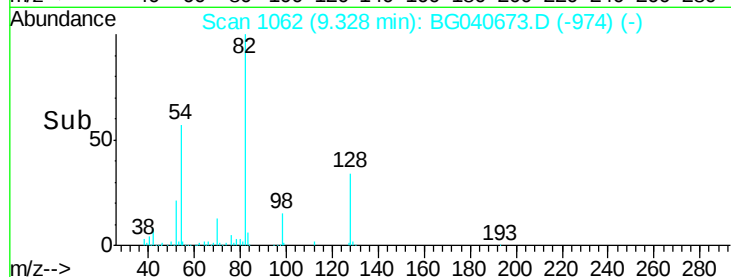
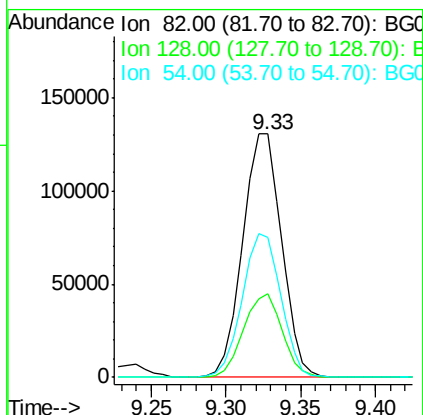
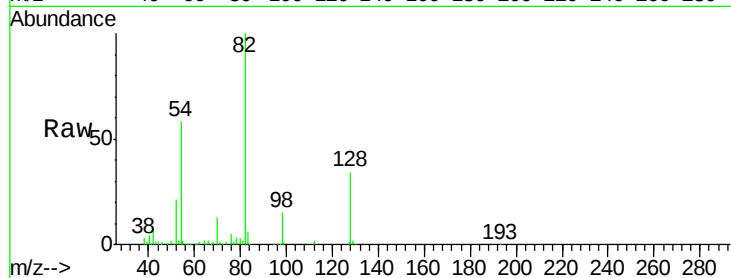




#23
Nitrobenzene-d5
Concen: 81.592 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BG040673.D
Acq: 30 Apr 2019 15:48

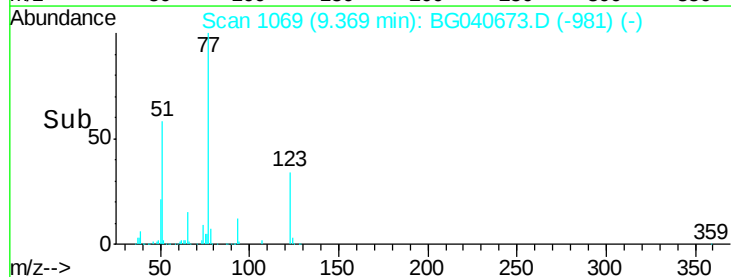
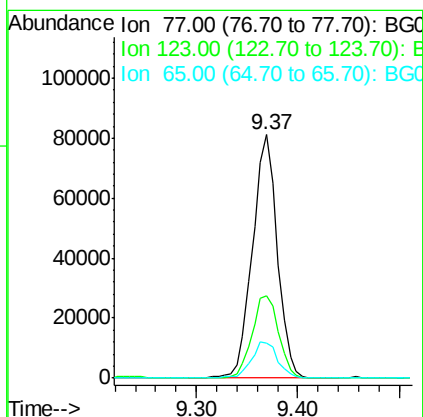
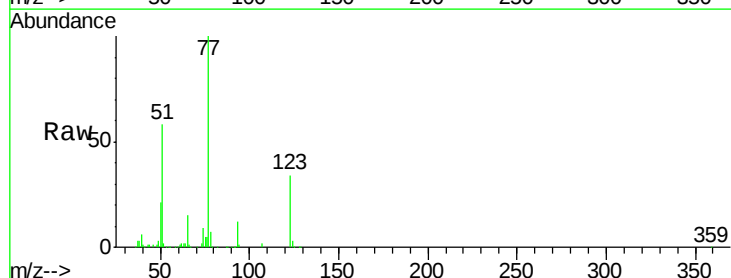
Instrument :
BNA_G
ClientSampleId :

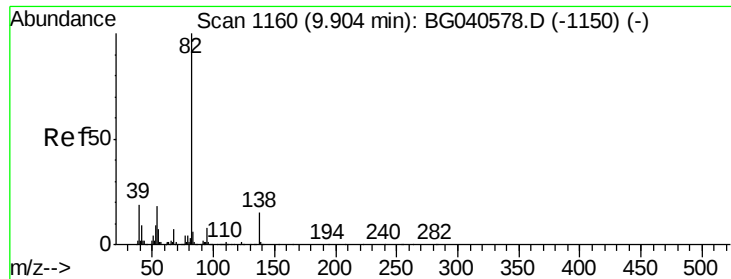
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.4	28.9	43.3
54	57.5	47.2	70.8



#24
Nitrobenzene
Concen: 44.720 ng
RT: 9.37 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BG040673.D
Acq: 30 Apr 2019 15:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.8	27.8	41.6
65	14.6	12.4	18.6





#25

Isophorone

Concen: 39.415 ng

RT: 9.89 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

Instrument :

BNA_G

ClientSampleId :

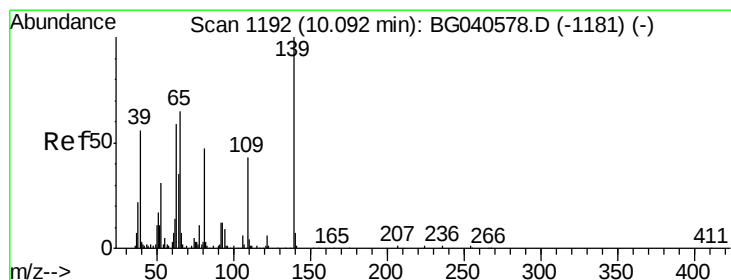
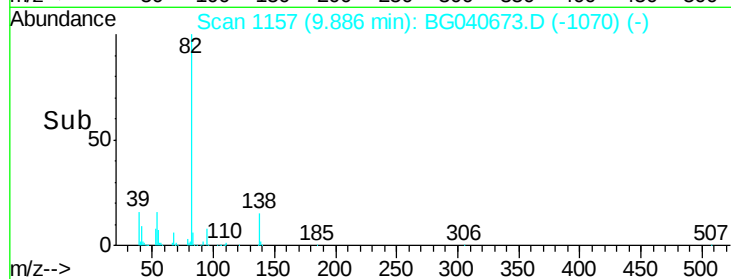
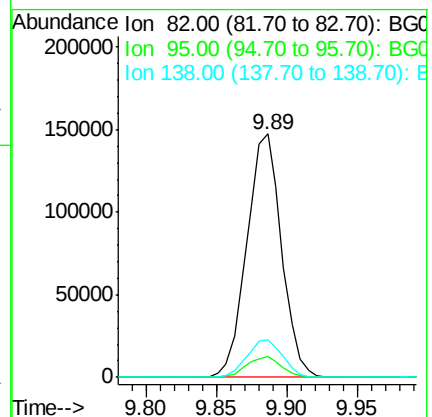
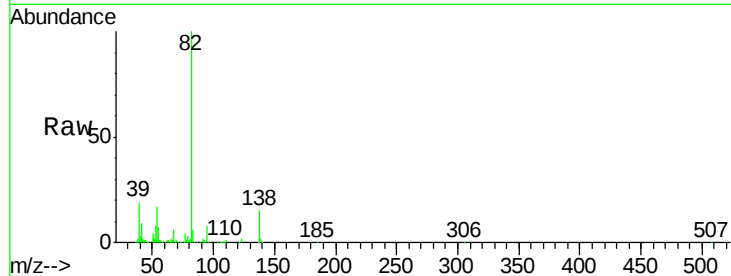
Tot Ion: 82 Resp: 253660

Ion Ratio Lower Upper

82 100

95 8.5 6.9 10.3

138 15.5 12.3 18.5



#26

2-Nitrophenol

Concen: 48.679 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

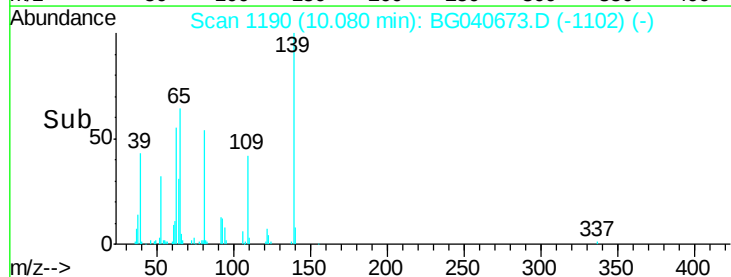
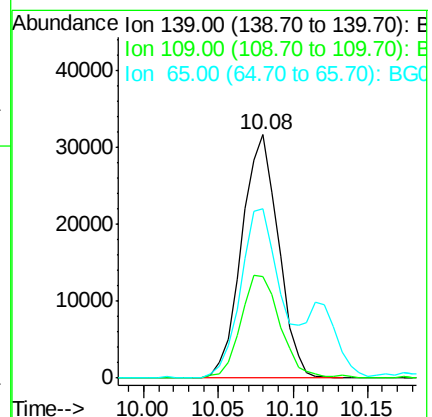
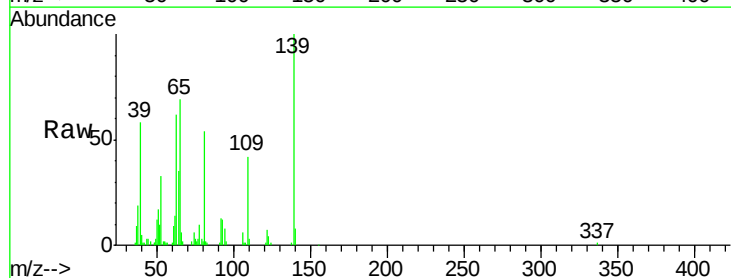
Tgt Ion: 139 Resp: 53789

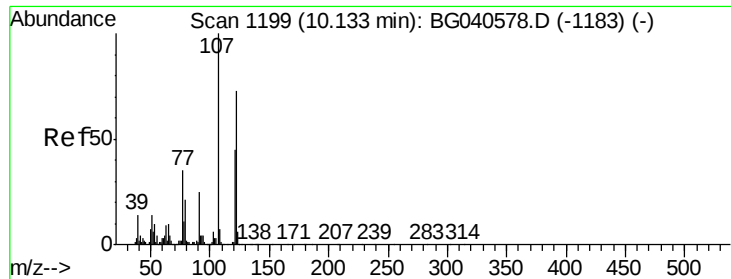
Ion Ratio Lower Upper

139 100

109 41.8 35.6 53.4

65 69.4 52.3 78.5

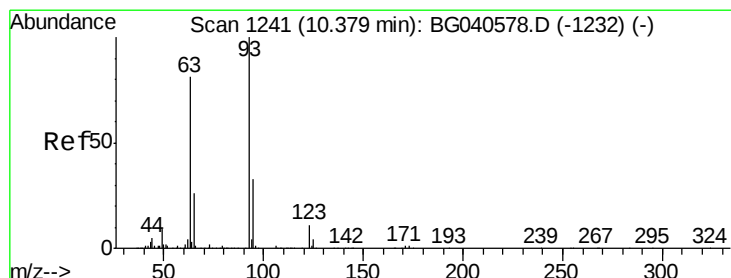
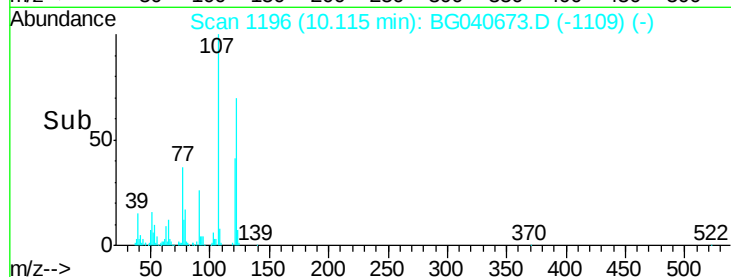
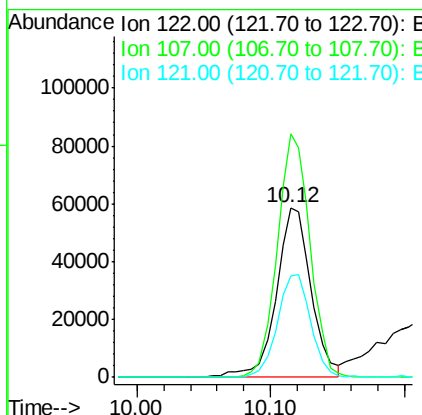
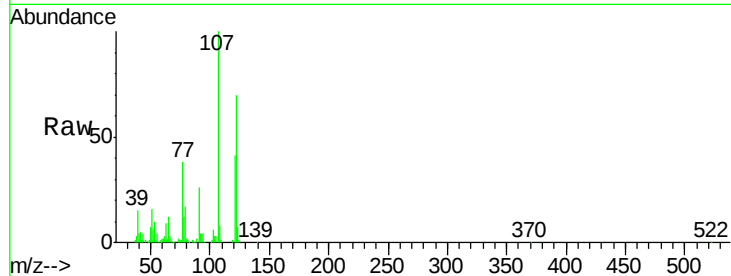




#27
 2,4-Dimethylphenol
 Concen: 51.134 ng
 RT: 10.12 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

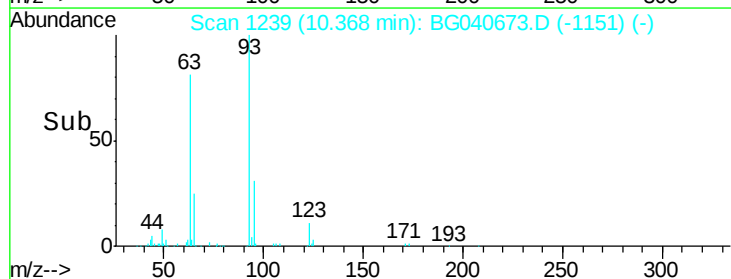
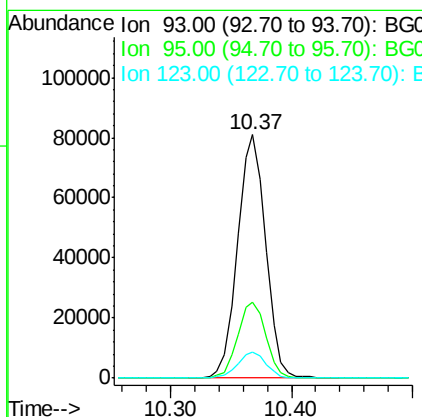
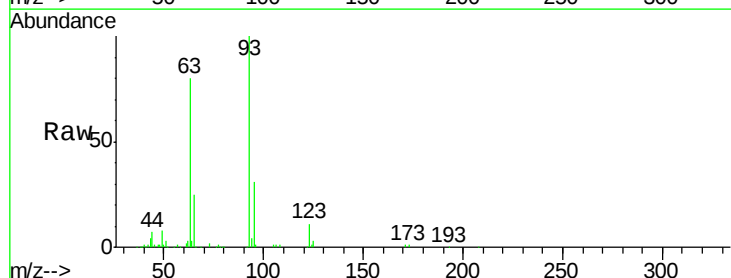
Instrument :
 BNA_G
 ClientSampleId :

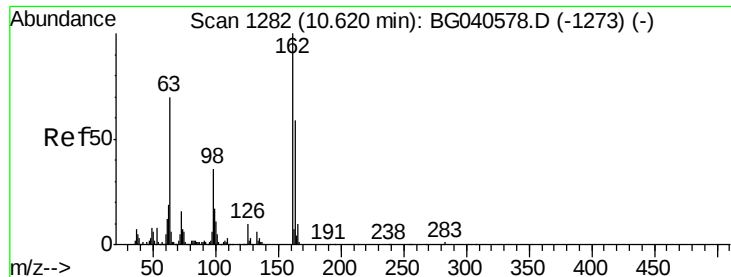
Tot Ion	Ratio	Lower	Upper
122	100		
107	143.8	110.1	165.1
121	59.6	49.4	74.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.671 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	26.6	40.0
123	10.9	9.0	13.4

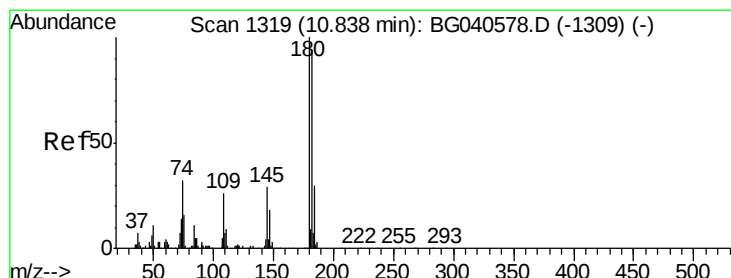
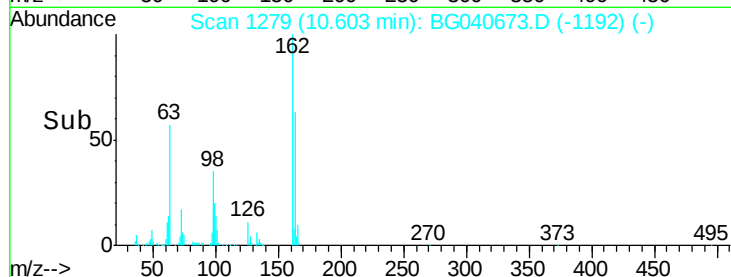
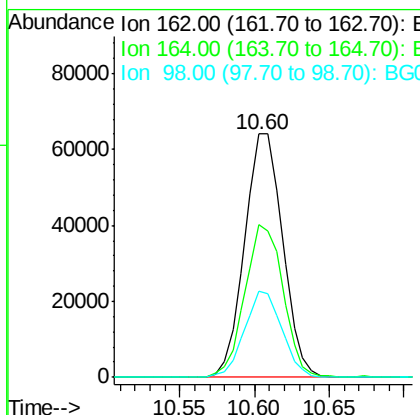
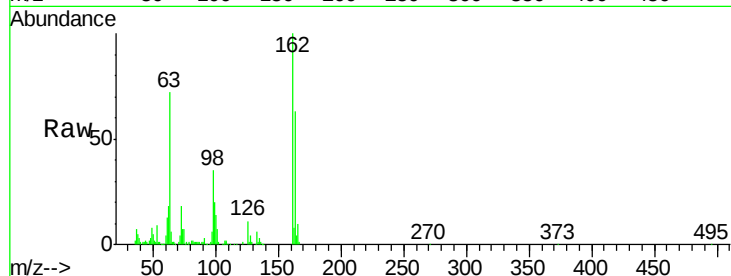




#29
 2,4-Dichlorophenol
 Concen: 48.087 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

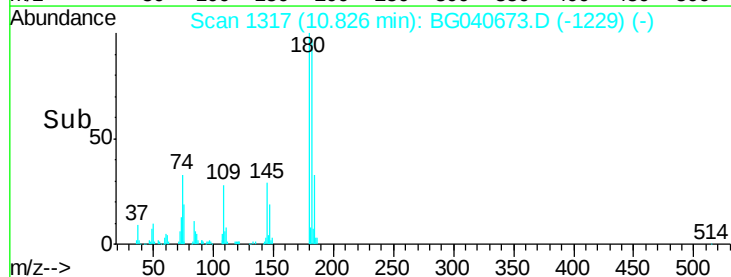
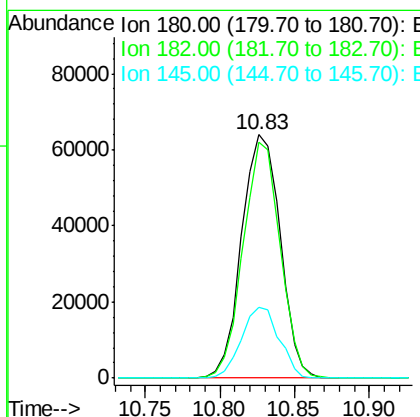
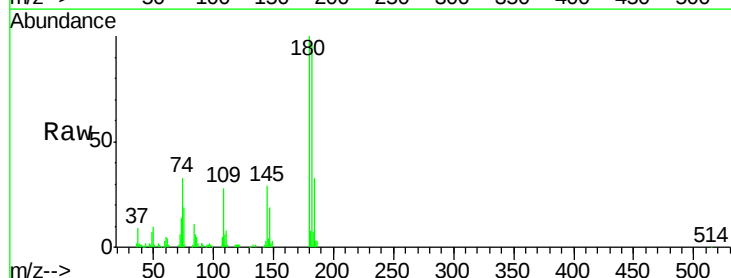
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	38.9	78.9
98	35.3	16.8	56.8



#30
 1,2,4-Trichlorobenzene
 Concen: 43.788 ng
 RT: 10.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	75.2	112.8
145	29.1	23.6	35.4

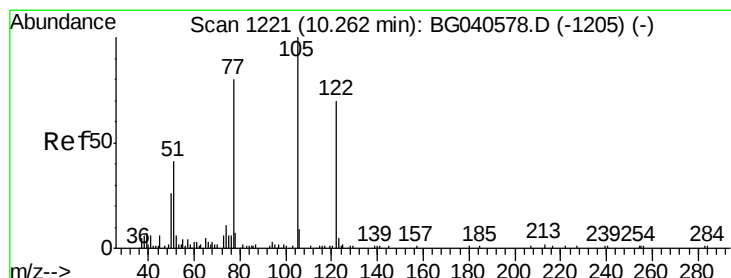
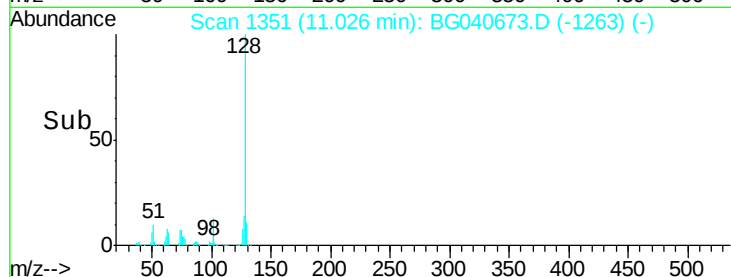
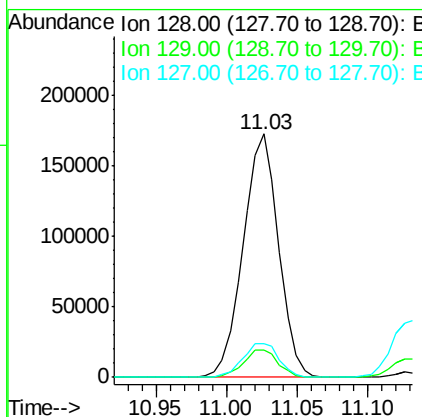
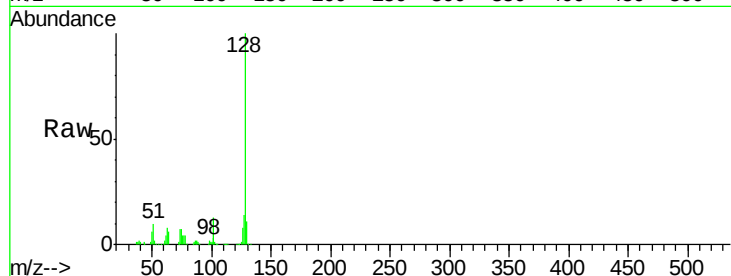




#31
Naphthalene
Concen: 42.631 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG040673.D
Acq: 30 Apr 2019 15:48

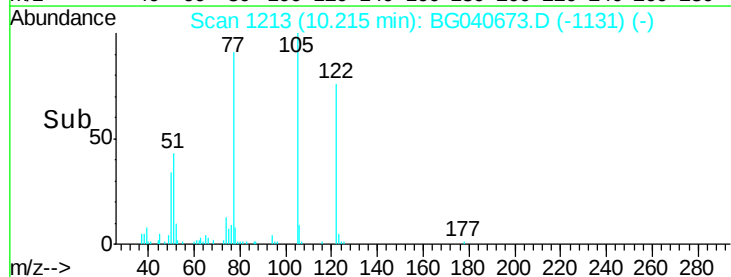
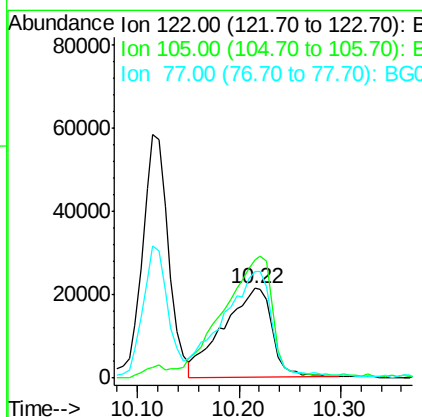
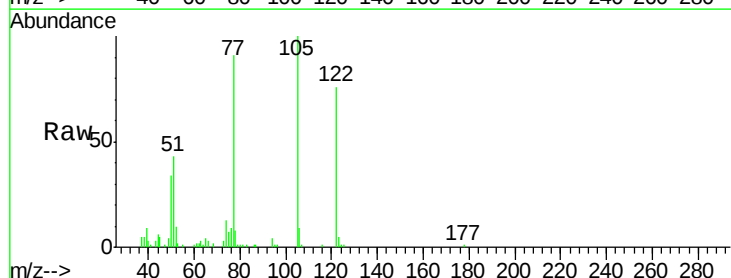
Instrument :
BNA_G
ClientSampleId :

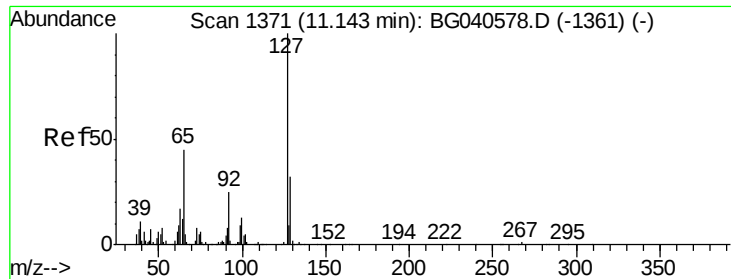
Tot Ion:128	Resp:	302357	
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.0	13.6
127	13.8	11.3	16.9



#32
Benzoic acid
Concen: 50.368 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.05 min
Lab File: BG040673.D
Acq: 30 Apr 2019 15:48

Tgt	Ion:122	Resp:	71487
Ion	Ratio	Lower	Upper
122	100		
105	131.5	110.9	150.9
77	119.7	87.6	127.6

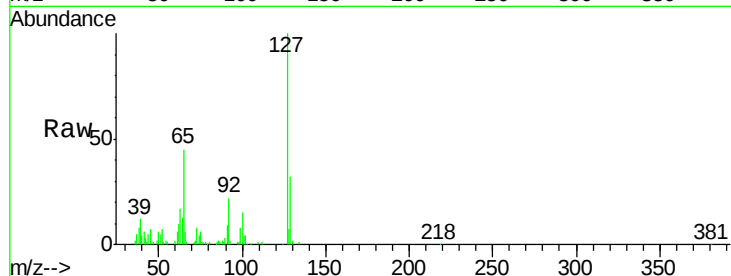




#33
4-Chloroaniline
Concen: 23.900 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG040673.D
Acq: 30 Apr 2019 15:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.7	38.5
65	44.6	36.1	54.1
92	21.9	20.1	30.1



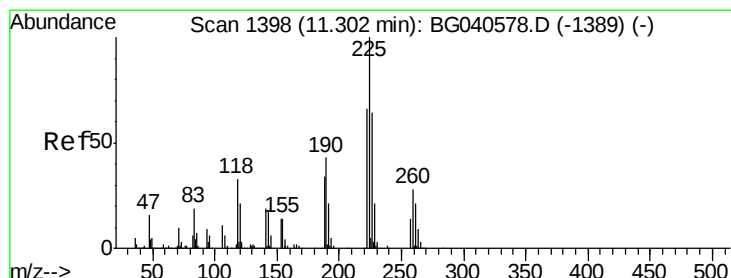
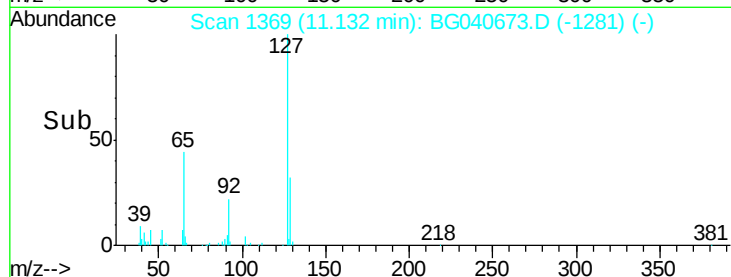
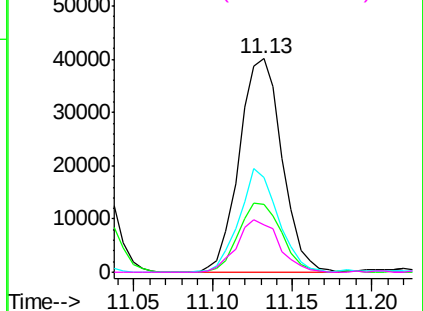
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

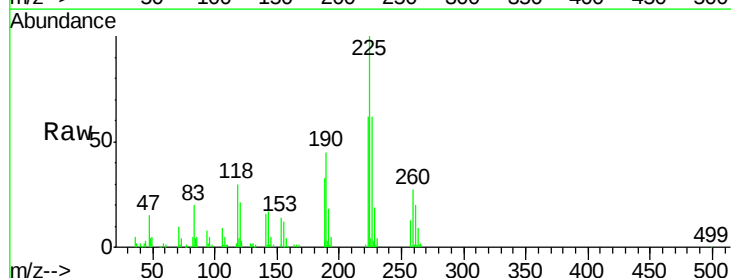
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 42.825 ng
RT: 11.28 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG040673.D
Acq: 30 Apr 2019 15:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.4	75.6
227	61.9	51.0	76.6

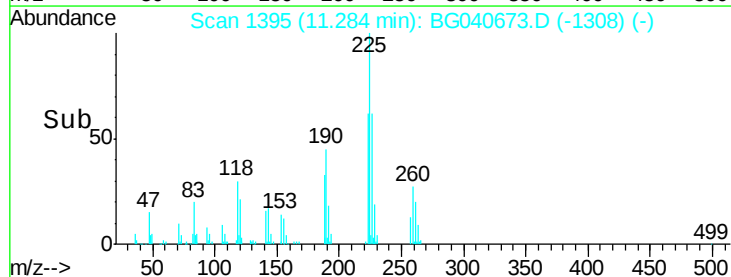
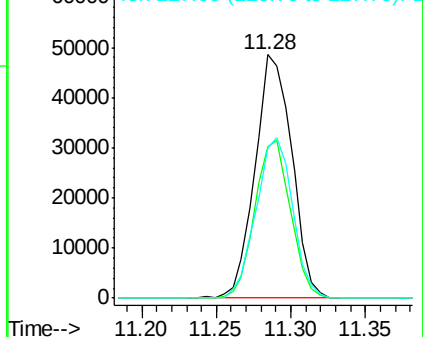


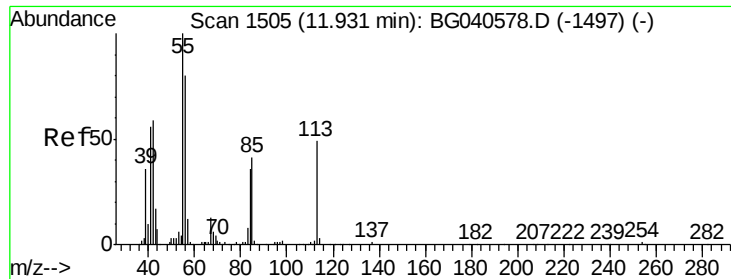
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.177 ng

RT: 11.90 min Scan# 1499

Delta R.T. -0.04 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

Instrument :

BNA_G

ClientSampled :

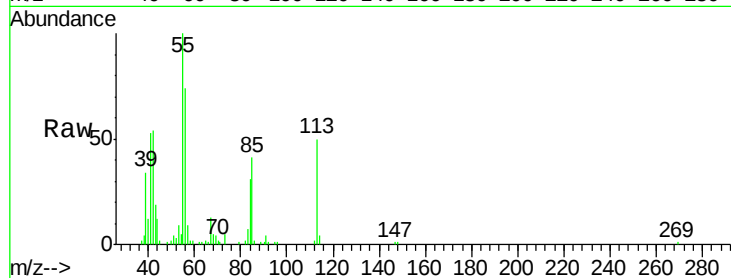
Tot Ion:113 Resp: 39248

Ion Ratio Lower Upper

113 100

55 200.7 198.6 238.6

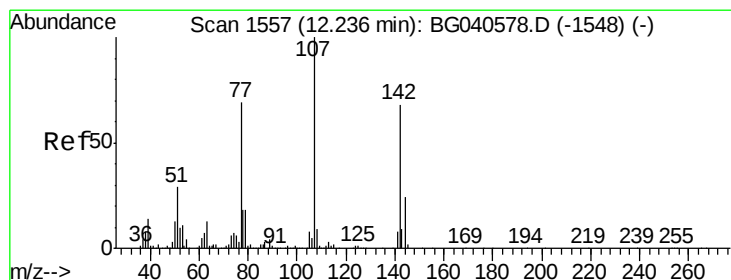
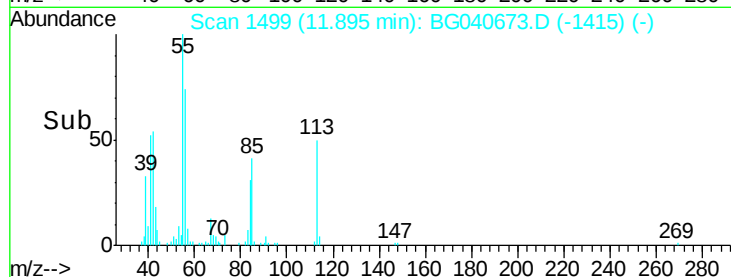
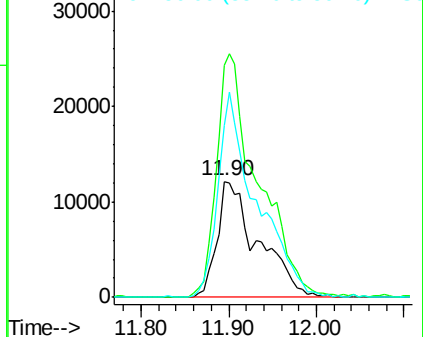
56 149.0 148.4 188.4



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: 44.576 ng

RT: 12.22 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

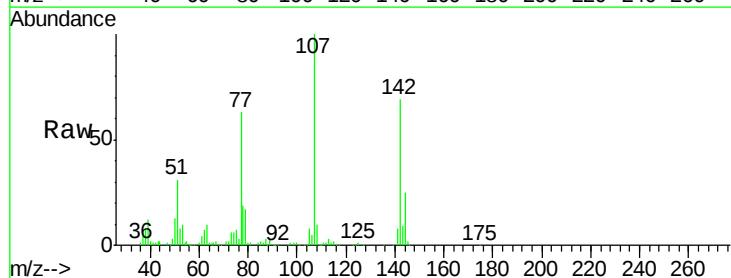
Tgt Ion:107 Resp: 132543

Ion Ratio Lower Upper

107 100

144 25.0 19.3 28.9

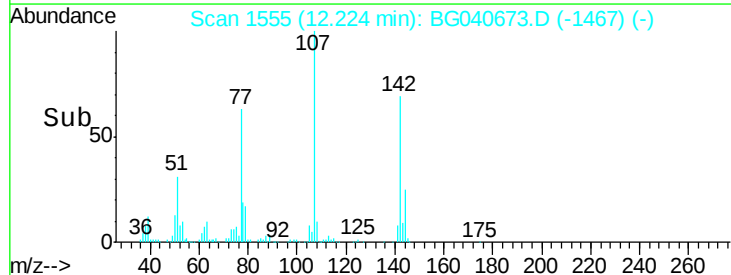
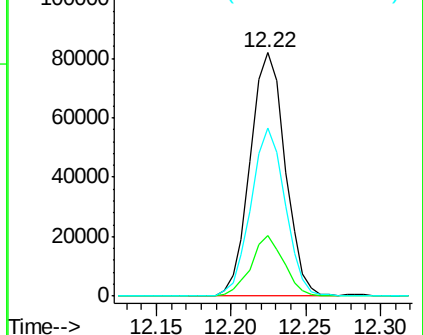
142 69.1 54.6 81.8



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

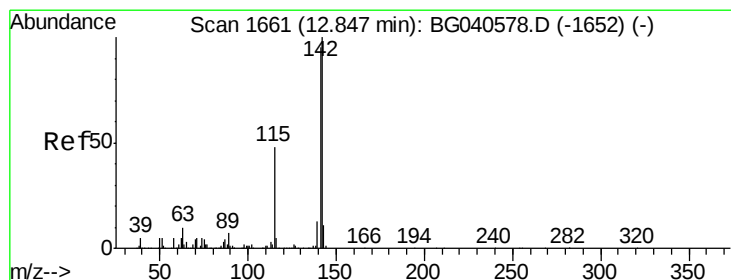
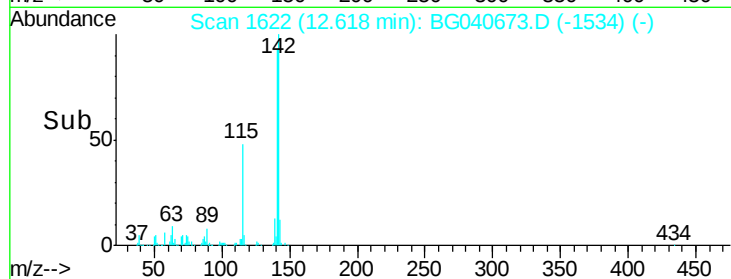
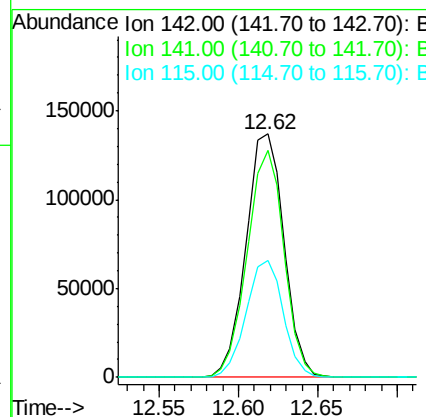
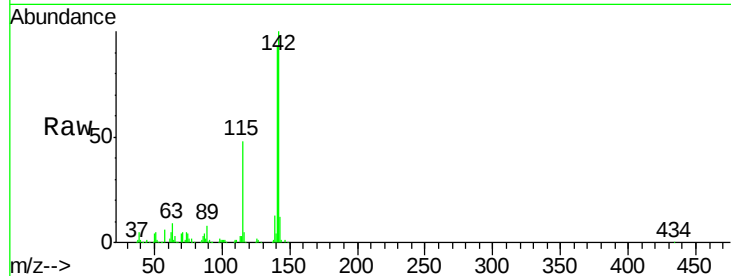




#37
 2-Methylnaphthalene
 Concen: 42.959 ng
 RT: 12.62 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

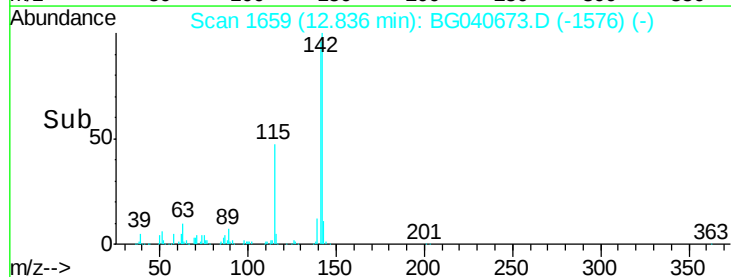
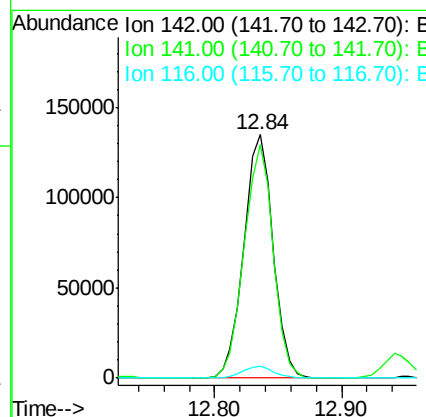
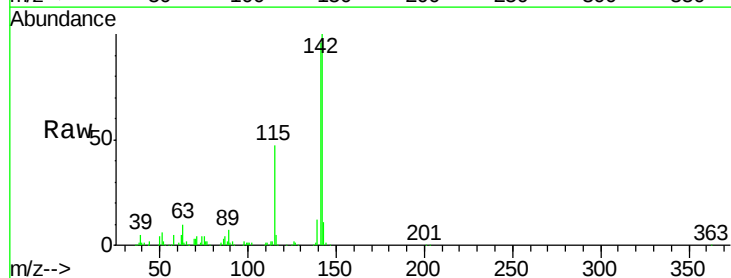
Instrument :
 BNA_G
 ClientSampleId :

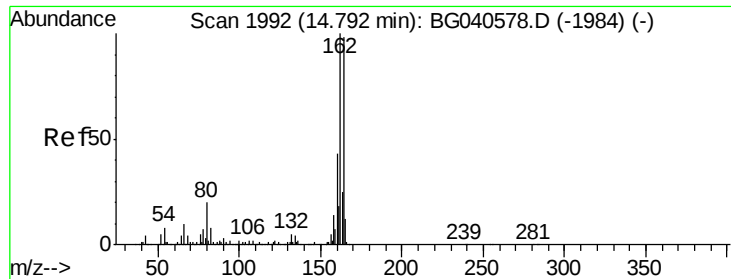
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.4	110.2
115	48.1	36.2	54.4



#38
 1-Methylnaphthalene
 Concen: 41.505 ng
 RT: 12.84 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.9	75.9	113.9
116	4.7	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

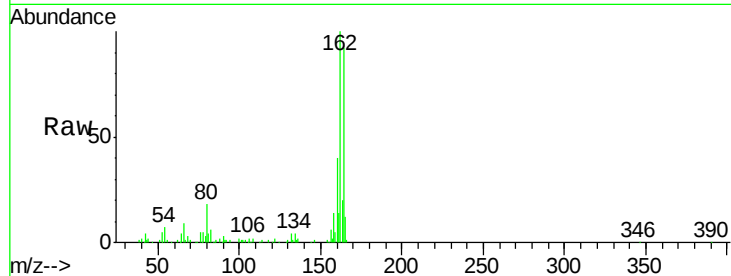
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 95484

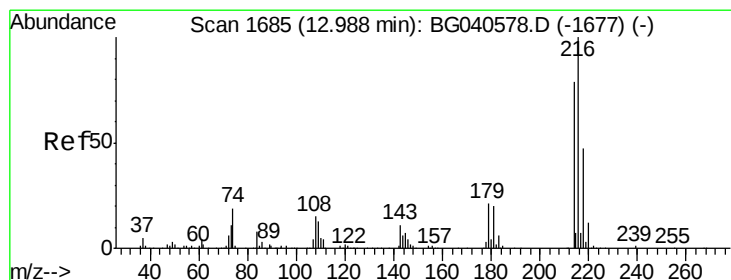
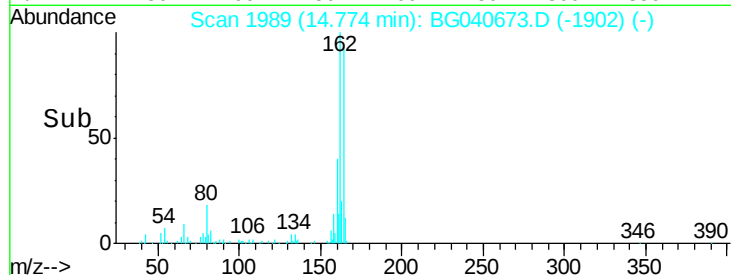
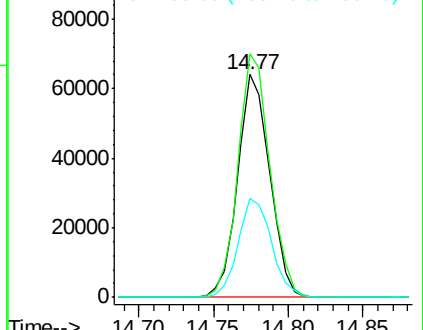
Ion	Ratio	Lower	Upper
164	100		
162	109.3	81.9	122.9
160	44.2	35.4	53.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.071 ng

RT: 12.98 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

Tgt Ion:216 Resp: 149649

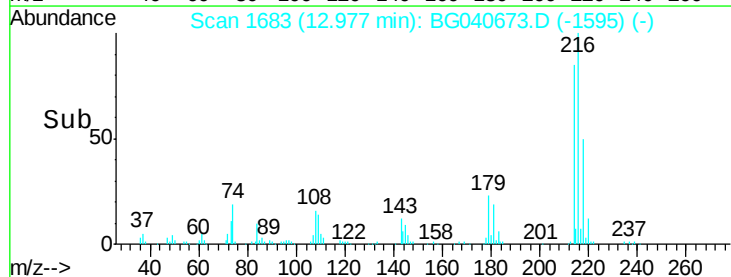
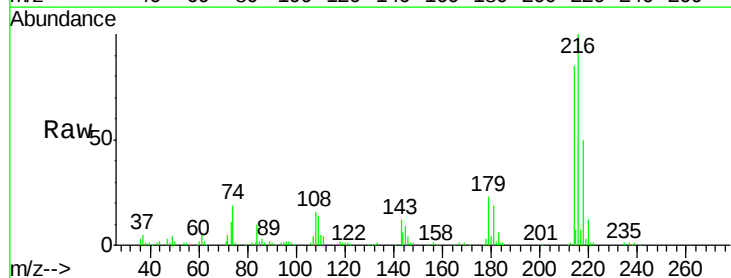
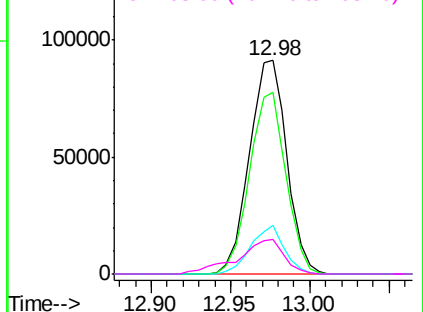
Ion	Ratio	Lower	Upper
216	100		
214	82.8	63.7	95.5
179	20.4	16.6	24.8
108	19.7	14.7	22.1

Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 94.043 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

Instrument :

BNA_G

ClientSampleId :

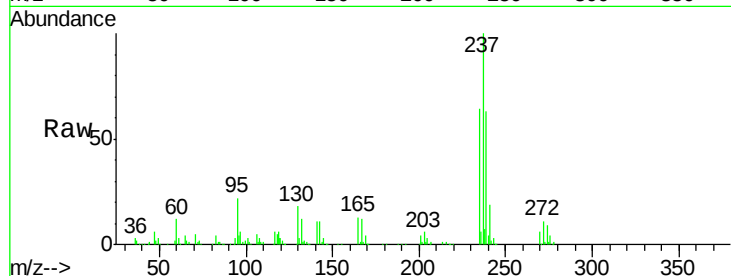
Tot Ion:237 Resp: 197390

Ion Ratio Lower Upper

237 100

235 64.2 42.5 82.5

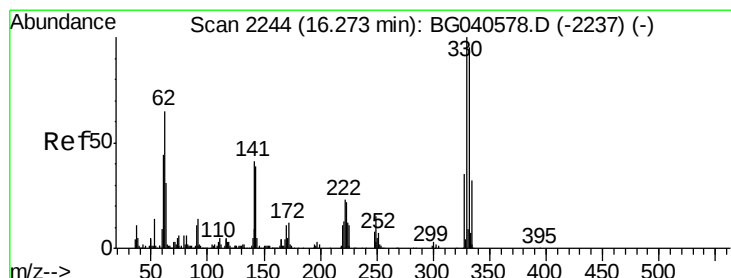
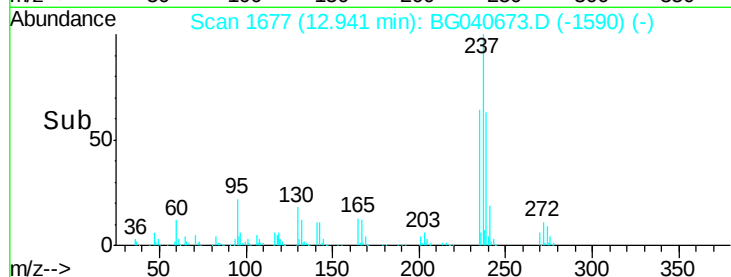
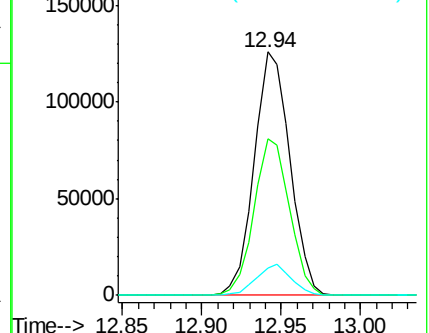
272 11.4 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 146.617 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

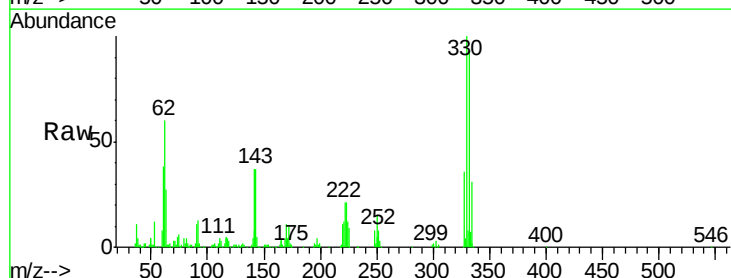
Tgt Ion:330 Resp: 192427

Ion Ratio Lower Upper

330 100

332 94.9 75.9 113.9

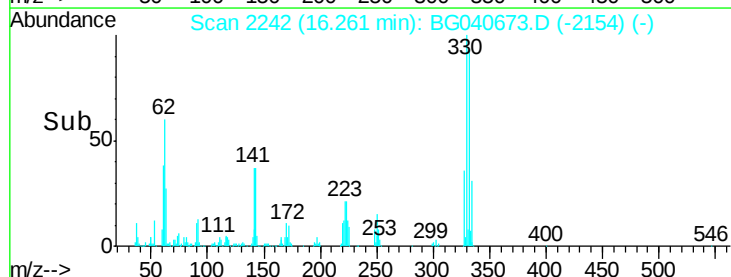
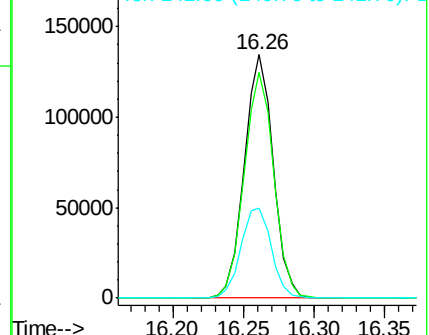
141 39.1 32.4 48.6



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

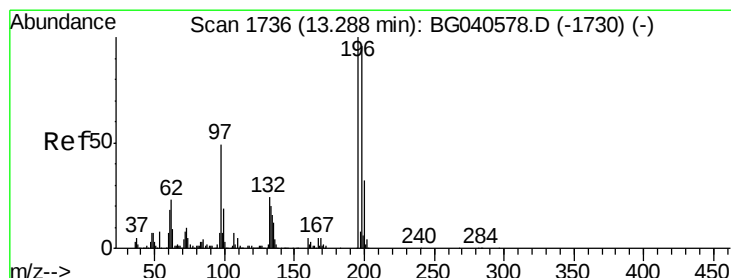
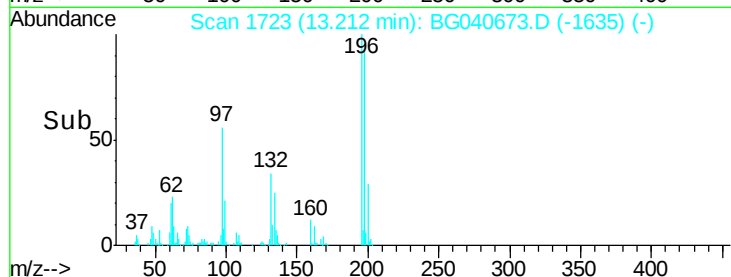
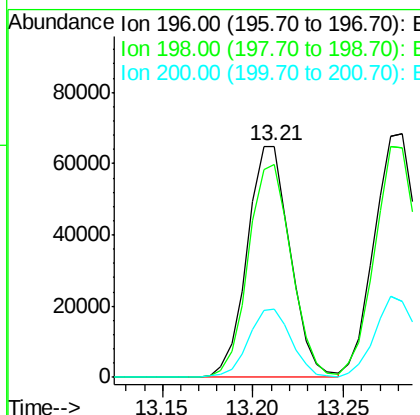
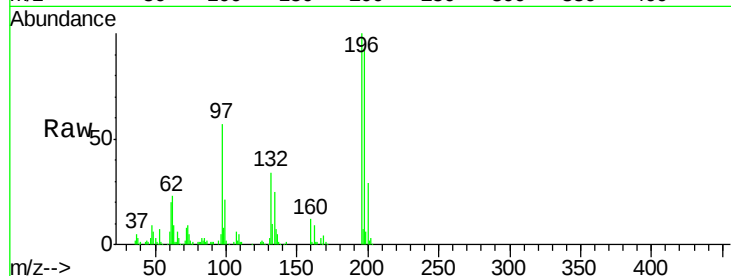




#43
 2,4,6-Trichlorophenol
 Concen: 49.706 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

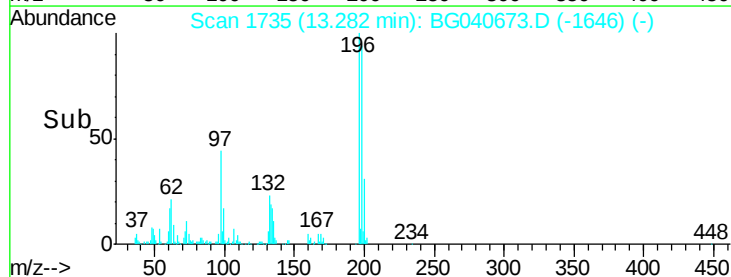
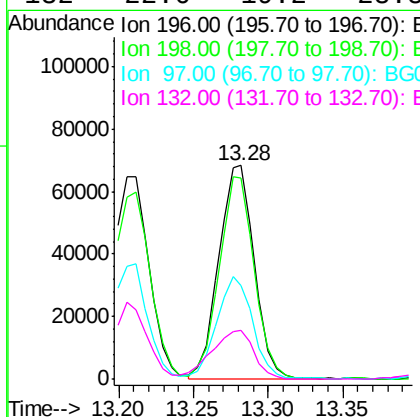
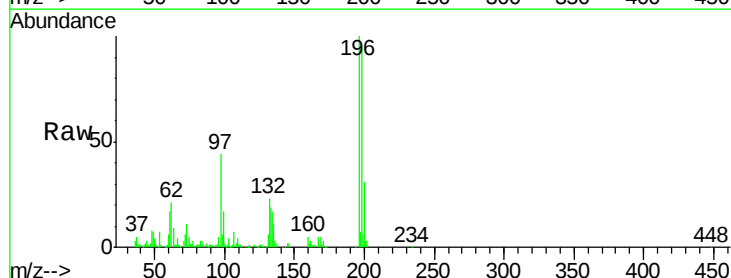
Instrument :
 BNA_G
 ClientSampleId :

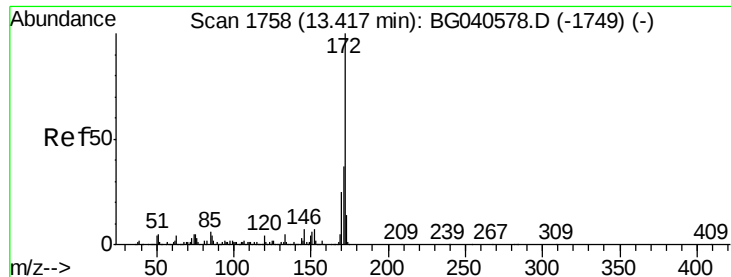
Tot Ion:196 Resp: 106844
 Ion Ratio Lower Upper
 196 100
 198 92.0 74.8 112.2
 200 29.4 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 48.662 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

Tgt Ion:196 Resp: 113948
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.0 115.6
 97 43.7 40.0 60.0
 132 22.6 19.2 28.8

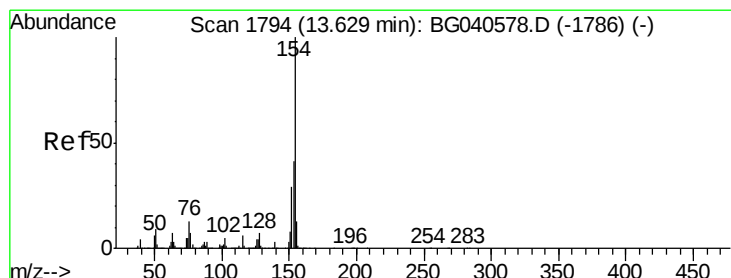
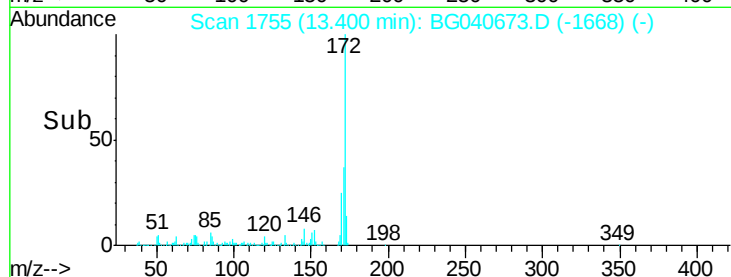
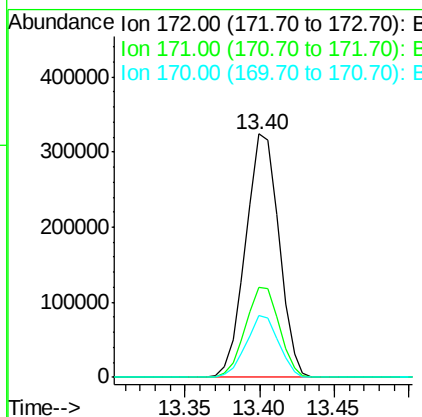
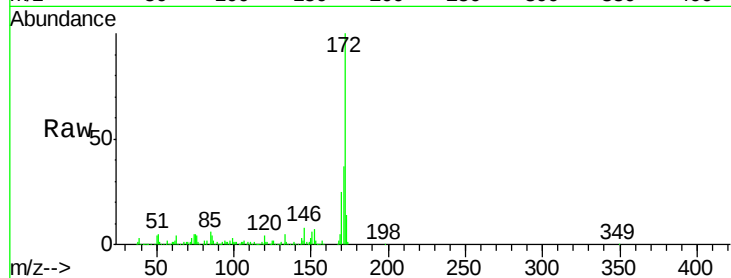




#45
 2-Fluorobiphenyl
 Concen: 75.682 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

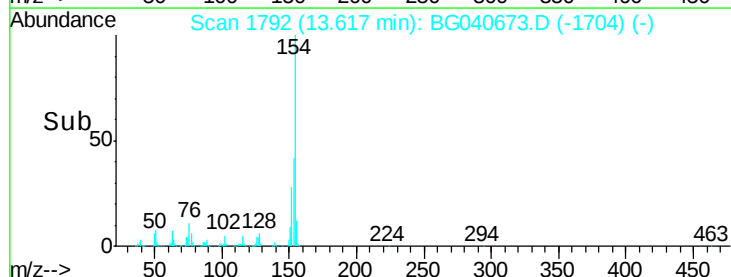
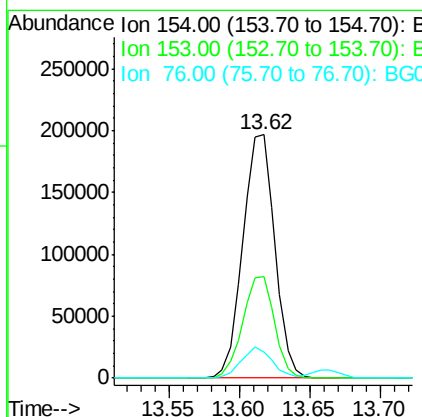
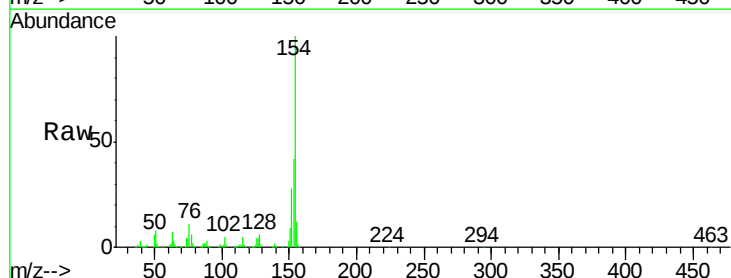
Instrument :
 BNA_G
 ClientSampleId :

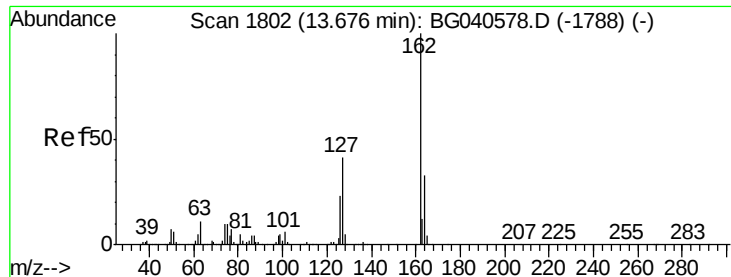
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.2
170	25.3	19.9	29.9



#46
 1,1'-Biphenyl
 Concen: 42.023 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	20.5	60.5
76	10.7	0.0	32.5

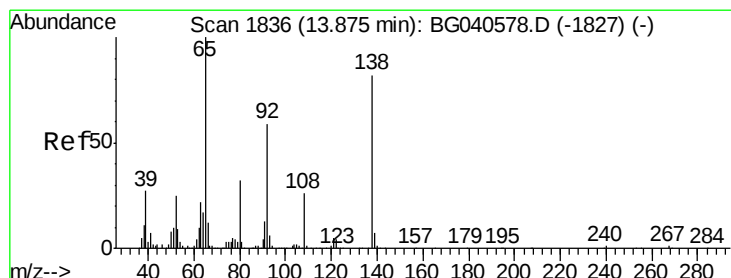
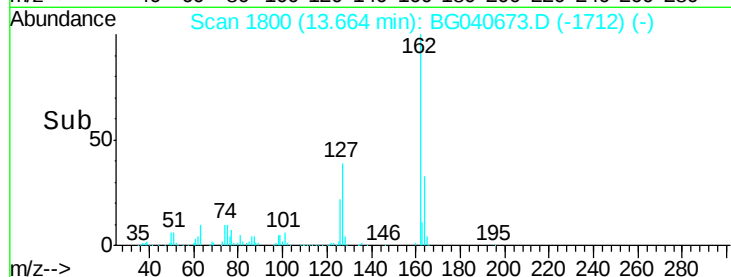
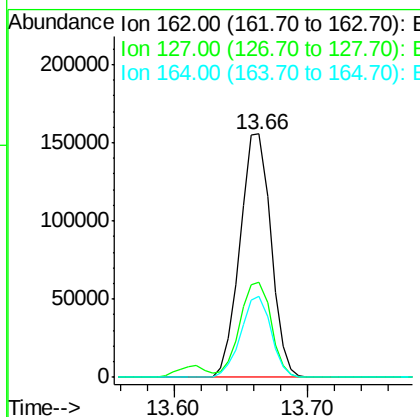
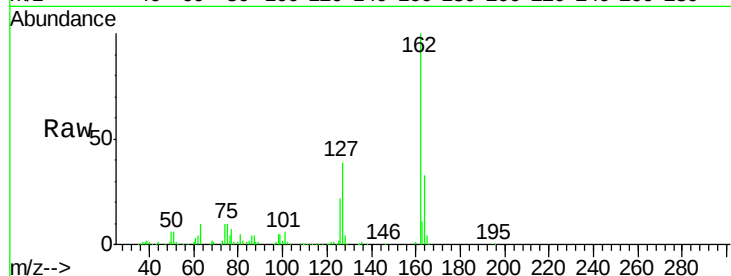




#47
 2-Chloronaphthalene
 Concen: 43.078 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

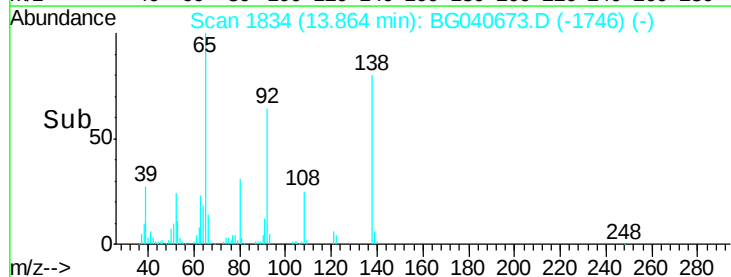
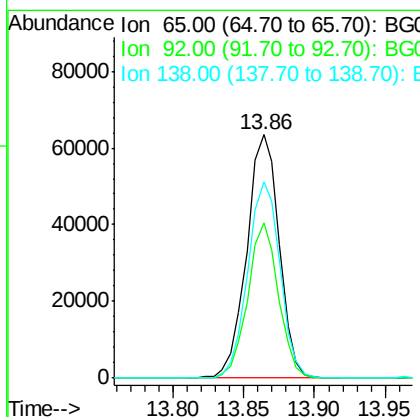
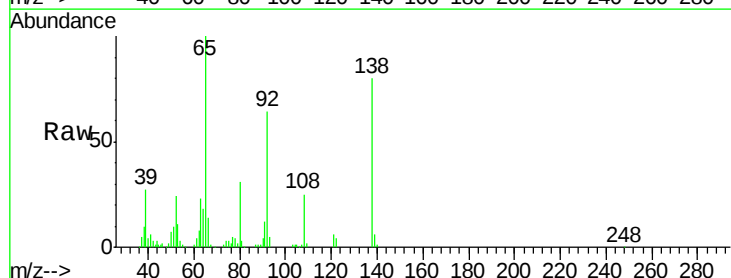
Instrument :
 BNA_G
 ClientSampleId :

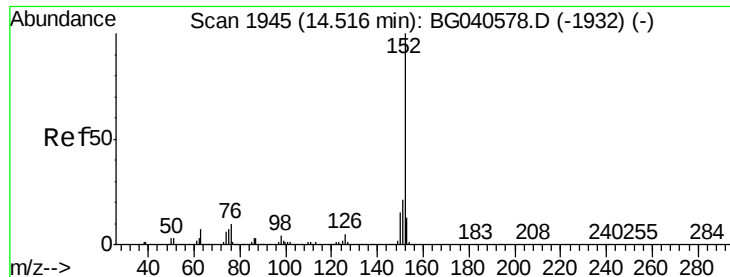
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	33.0	49.4
164	33.1	26.8	40.2



#48
 2-Nitroaniline
 Concen: 49.417 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.8	47.4	71.0
138	80.5	66.1	99.1





#49

Acenaphthylene

Concen: 41.416 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

Instrument :

BNA_G

ClientSampleId :

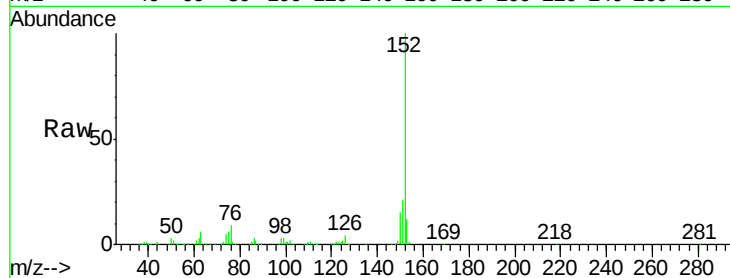
Tot Ion:152 Resp: 407666

Ion Ratio Lower Upper

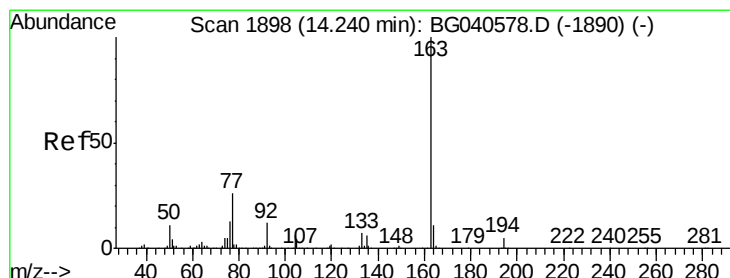
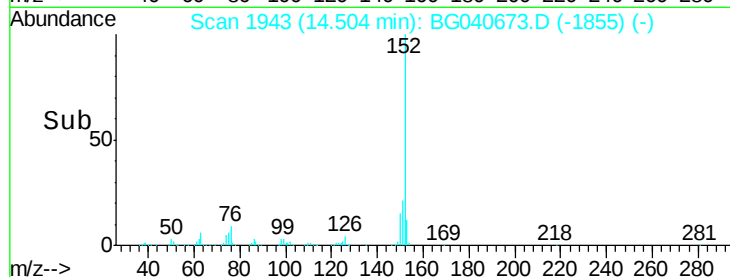
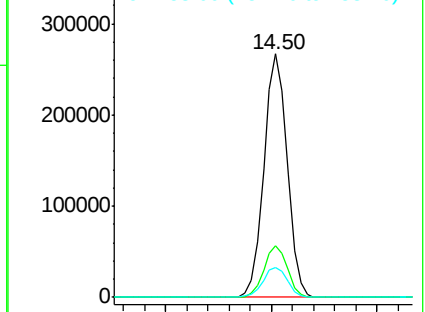
152 100

151 21.0 17.2 25.8

153 12.4 10.7 16.1



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



#50

Dimethylphthalate

Concen: 43.972 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

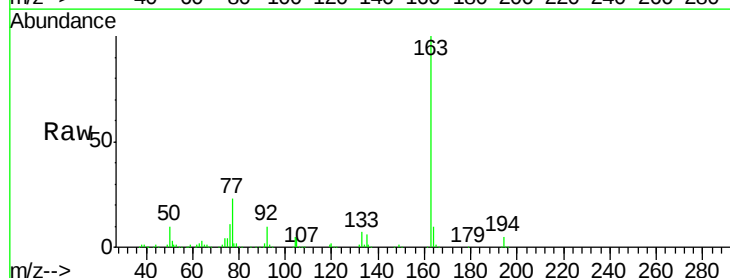
Tgt Ion:163 Resp: 351286

Ion Ratio Lower Upper

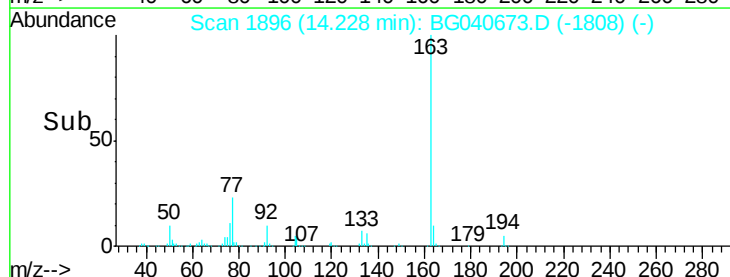
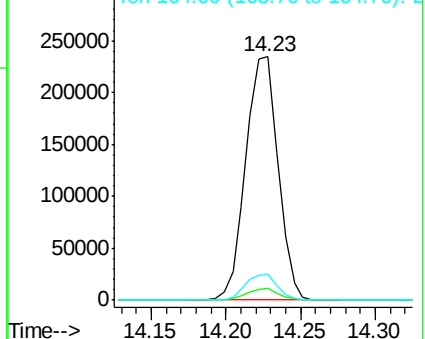
163 100

194 4.7 3.8 5.8

164 10.4 8.8 13.2



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

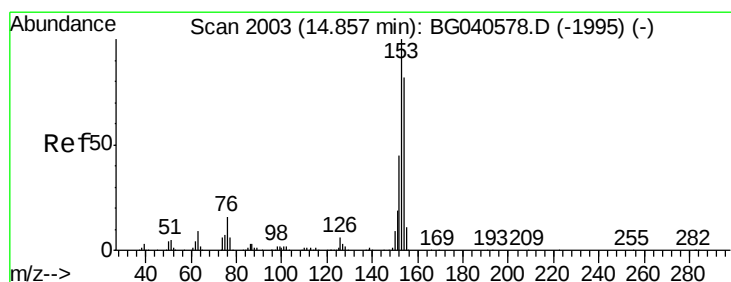
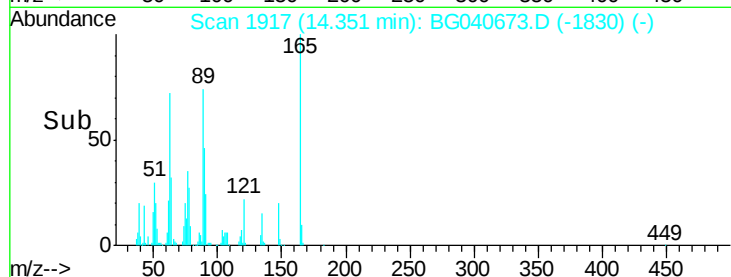
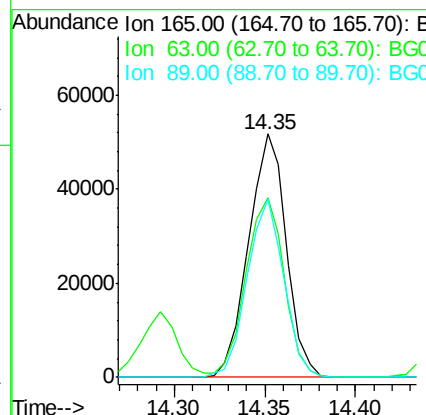
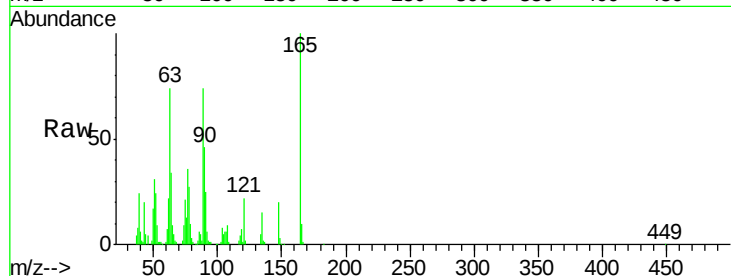




#51
 2,6-Dinitrotoluene
 Concen: 48.011 ng
 RT: 14.35 min Scan# 1917
 Delta R.T. -0.02 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

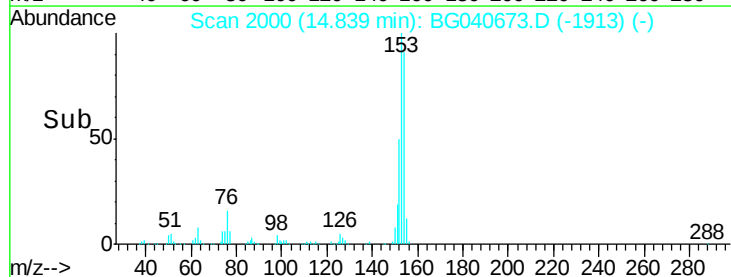
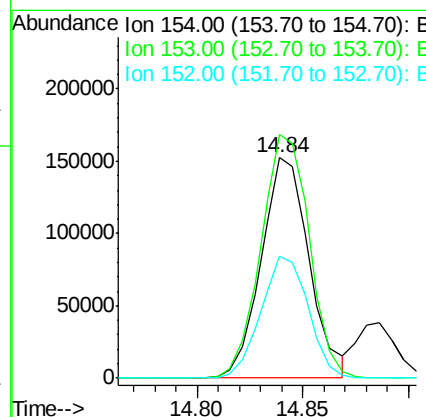
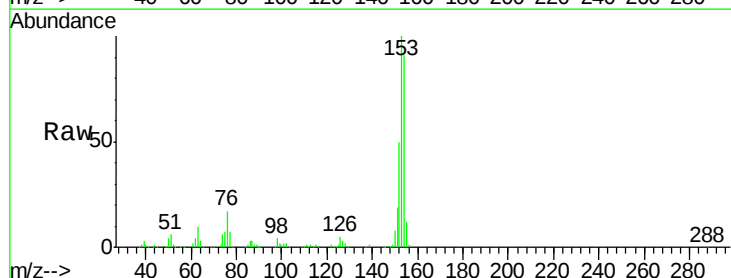
Instrument :
 BNA_G
 ClientSampleId :

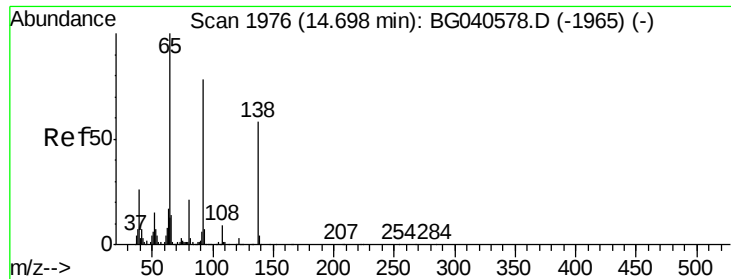
Tot Ion:165 Resp: 74859
 Ion Ratio Lower Upper
 165 100
 63 73.6 61.0 91.4
 89 73.5 58.6 87.8



#52
 Acenaphthene
 Concen: 41.910 ng
 RT: 14.84 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

Tgt Ion:154 Resp: 240242
 Ion Ratio Lower Upper
 154 100
 153 110.4 97.0 145.6
 152 55.3 44.1 66.1

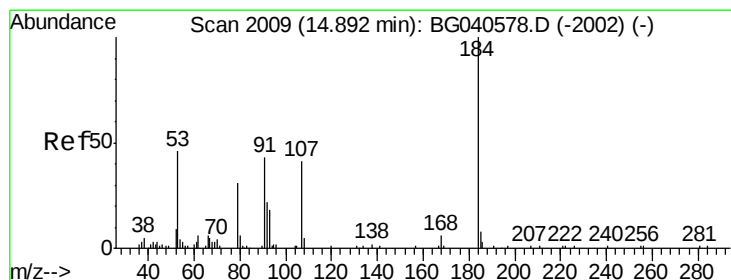
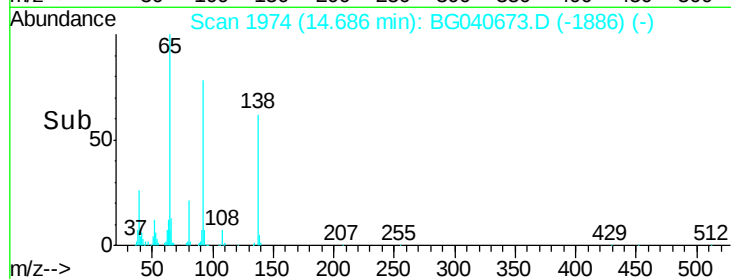
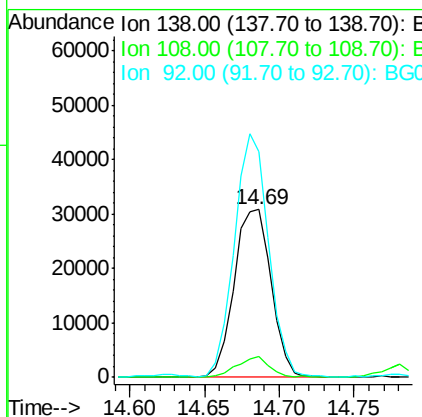
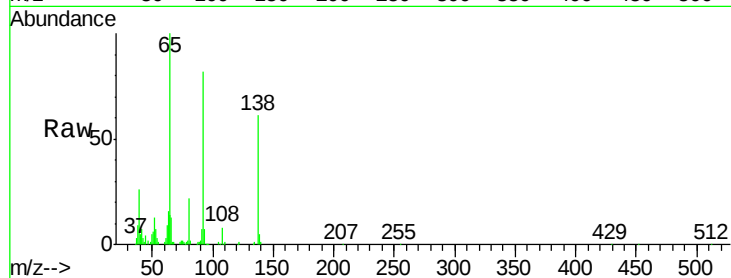




#53
 3-Nitroaniline
 Concen: 33.315 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

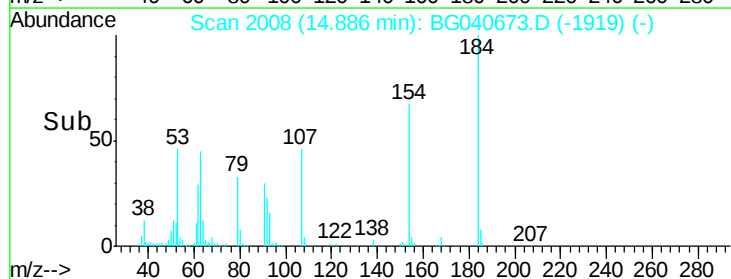
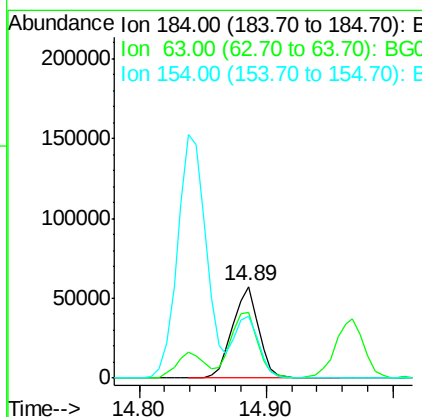
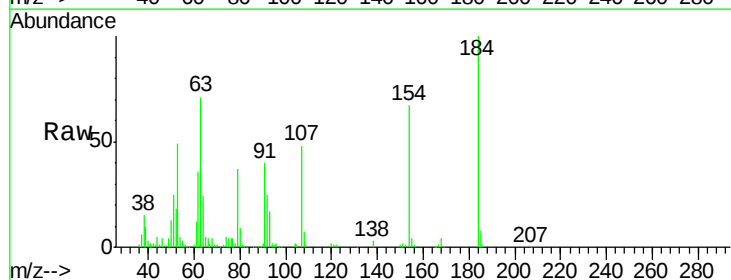
Instrument :
 BNA_G
 ClientSampleId :

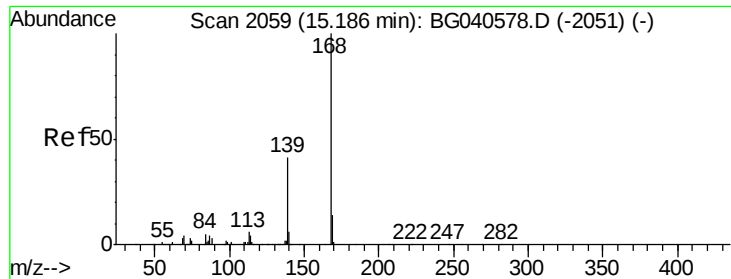
Tot Ion:138 Resp: 53223
 Ion Ratio Lower Upper
 138 100
 108 12.7 12.4 18.6
 92 134.9 108.6 162.8



#54
 2,4-Dinitrophenol
 Concen: 92.181 ng
 RT: 14.89 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

Tgt Ion:184 Resp: 82091
 Ion Ratio Lower Upper
 184 100
 63 71.4 51.8 77.6
 154 67.4 43.6 65.4#

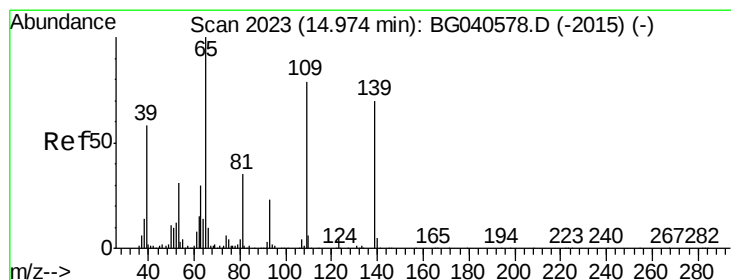
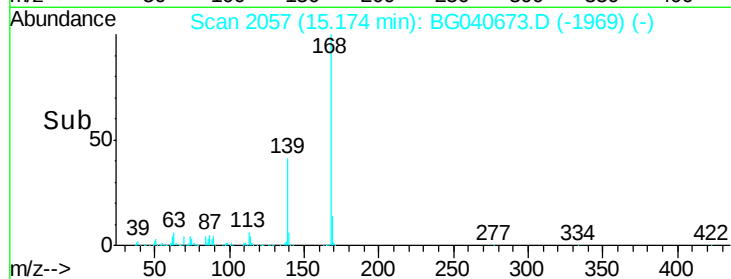
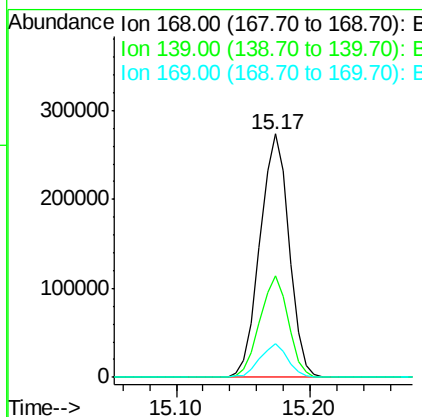
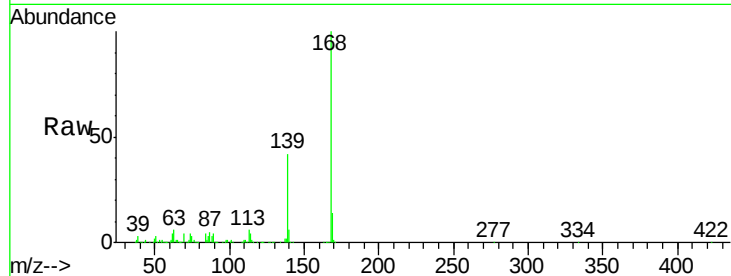




#55
Dibenzo(furan)
Concen: 43.706 ng
RT: 15.17 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG040673.D
Acq: 30 Apr 2019 15:48

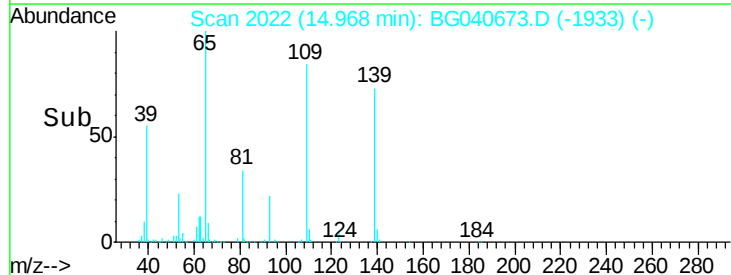
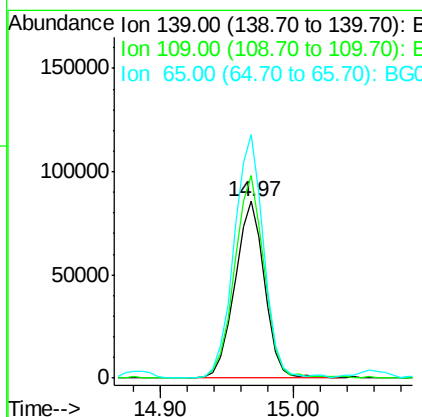
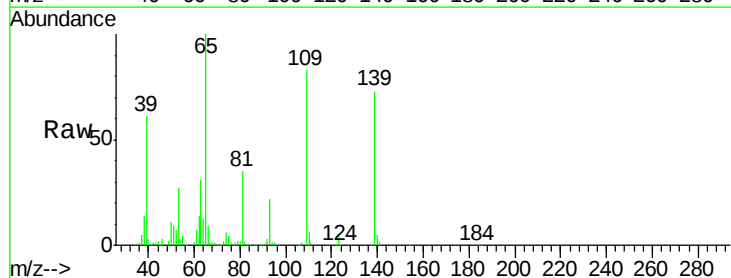
Instrument :
BNA_G
ClientSampleId :

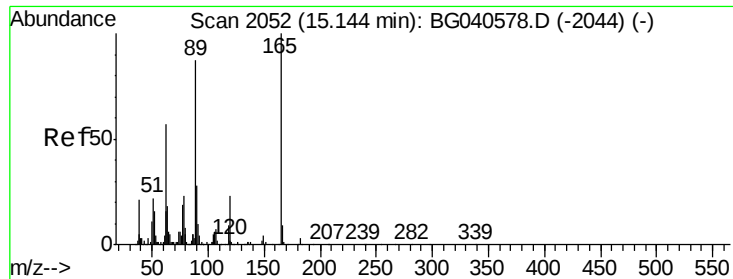
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.5	33.0	49.4
169	13.7	11.0	16.4



#56
4-Nitrophenol
Concen: 94.601 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BG040673.D
Acq: 30 Apr 2019 15:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	114.8	93.8	133.8
65	137.8	122.7	162.7

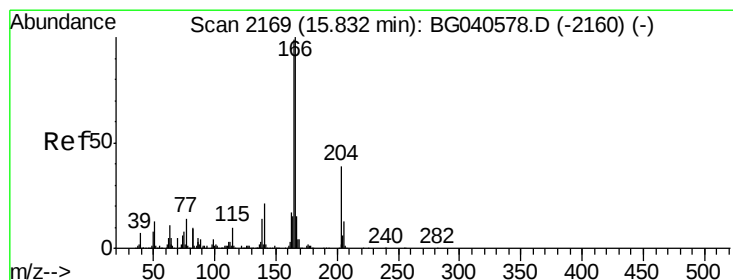
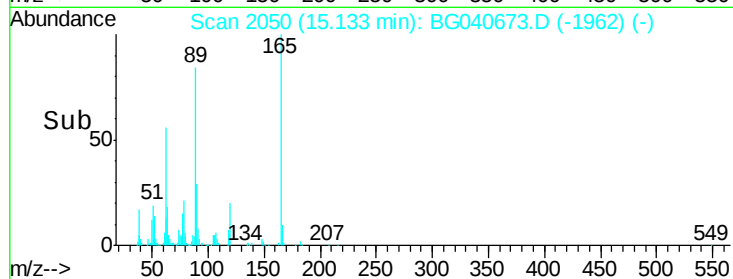
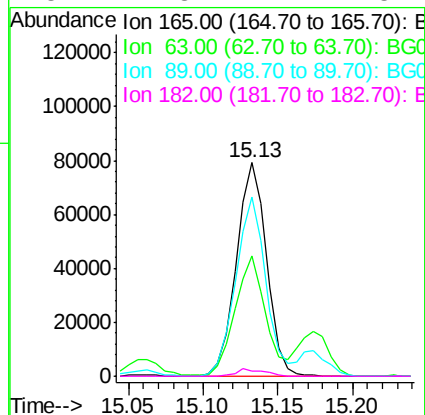
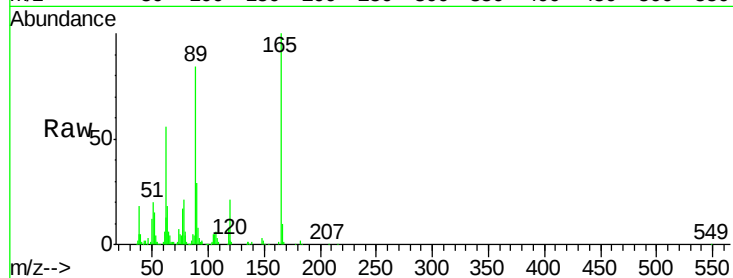




#57
 2,4-Dinitrotoluene
 Concen: 52.678 ng
 RT: 15.13 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

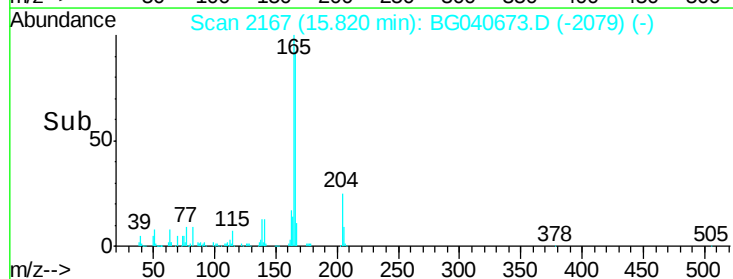
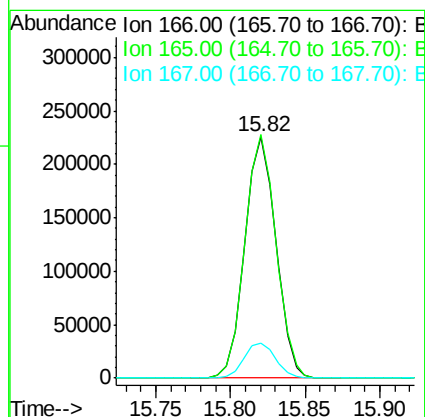
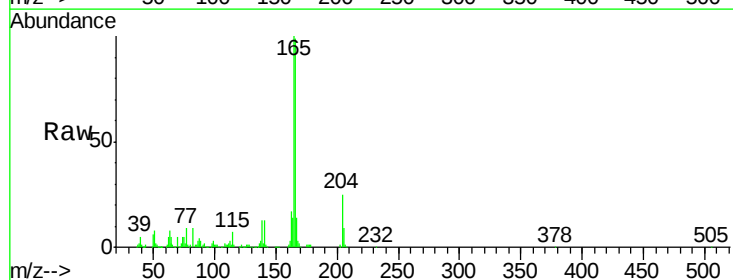
Instrument :
 BNA_G
 ClientSampleId :

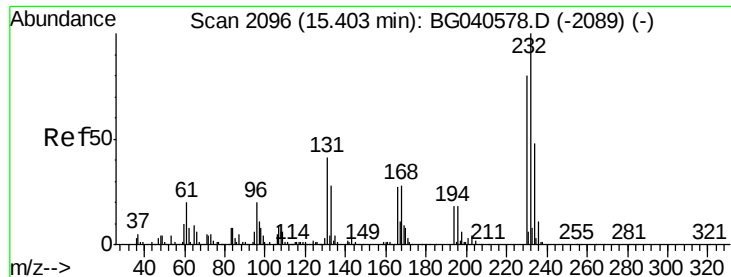
Tot Ion:165 Resp: 111609
 Ion Ratio Lower Upper
 165 100
 63 56.4 45.8 68.8
 89 83.8 69.4 104.2
 182 2.3 2.2 3.4



#58
 Fluorene
 Concen: 42.921 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

Tgt Ion:166 Resp: 325724
 Ion Ratio Lower Upper
 166 100
 165 100.7 79.6 119.4
 167 14.5 12.2 18.2

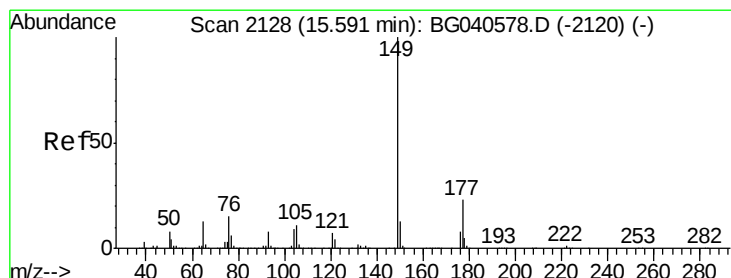
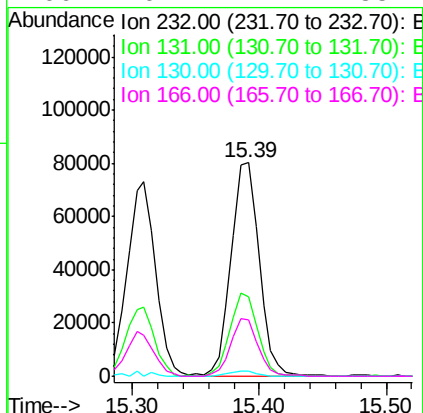
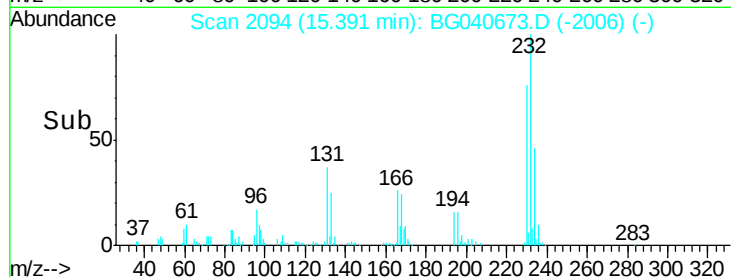
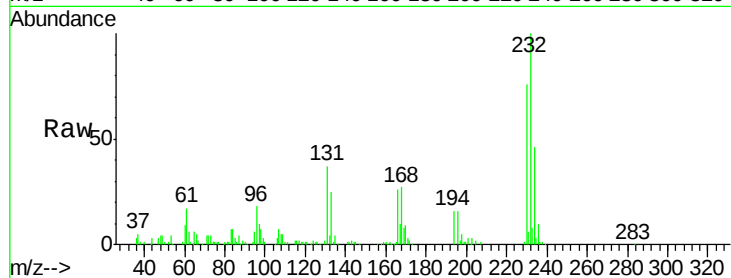




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.107 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

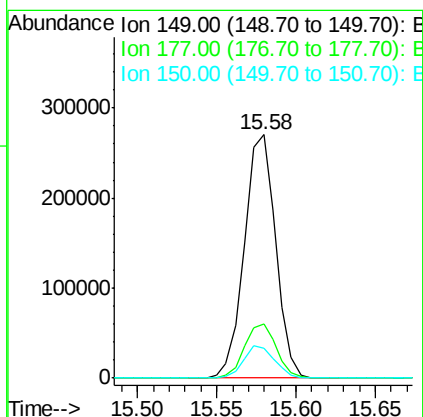
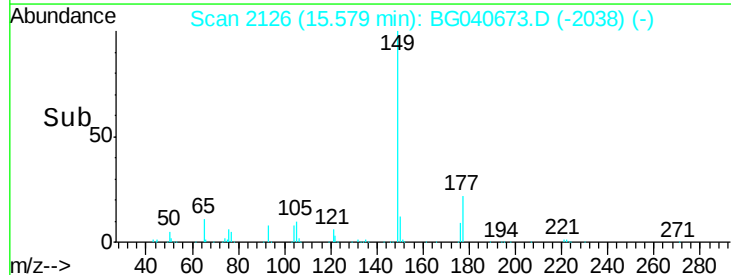
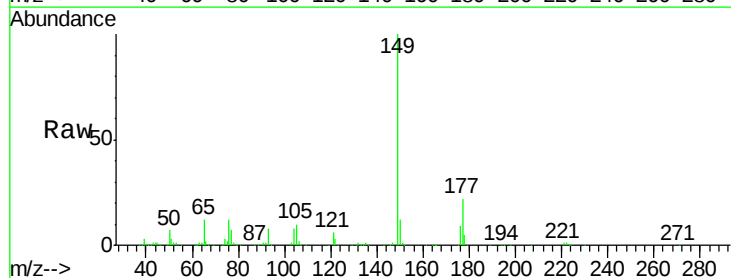
Instrument :
 BNA_G
 ClientSampleId :

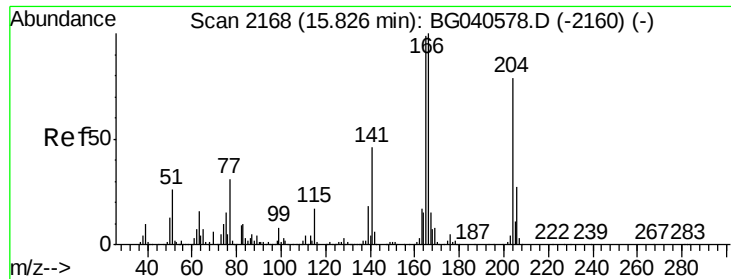
Tot Ion:232	Resp:	122808
Ion Ratio	Lower	Upper
232	100	
131	38.7	33.0 49.4
130	2.3	2.0 3.0
166	26.1	22.1 33.1



#60
 Diethylphthalate
 Concen: 43.953 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

Tgt Ion:149	Resp:	370477
Ion Ratio	Lower	Upper
149	100	
177	22.1	18.5 27.7
150	12.3	10.2 15.4

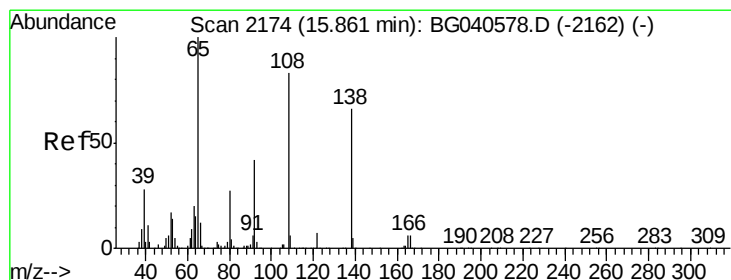
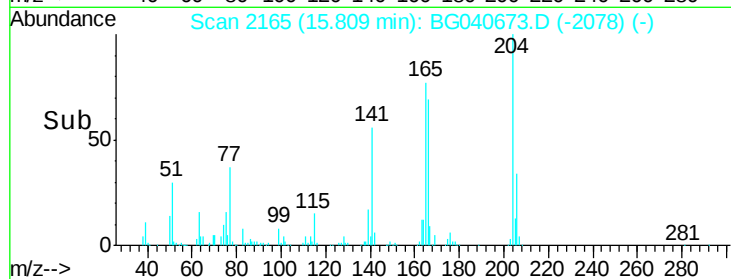
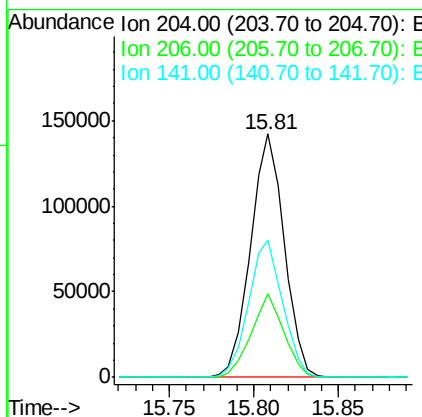
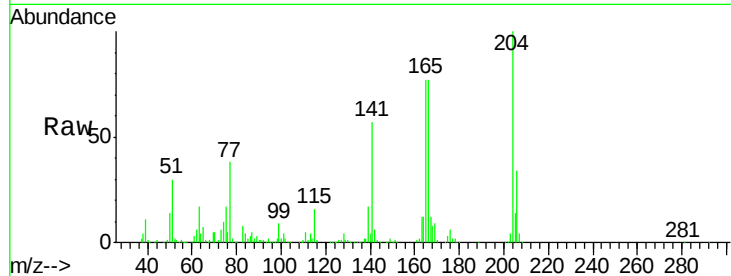




#61
 4-Chlorophenyl-phenylether
 Concen: 44.731 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.02 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

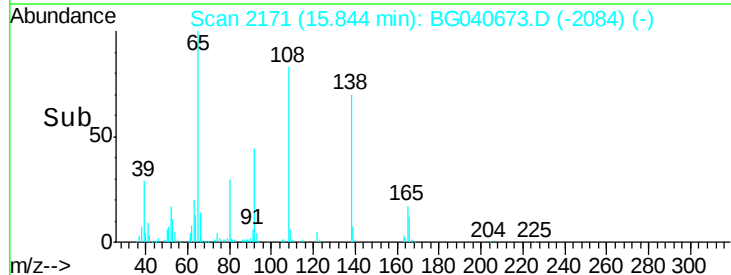
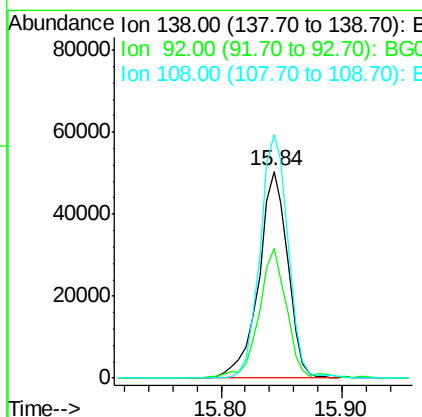
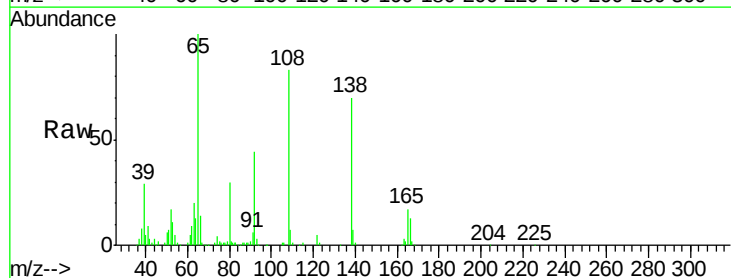
Instrument :
 BNA_G
 ClientSampled :

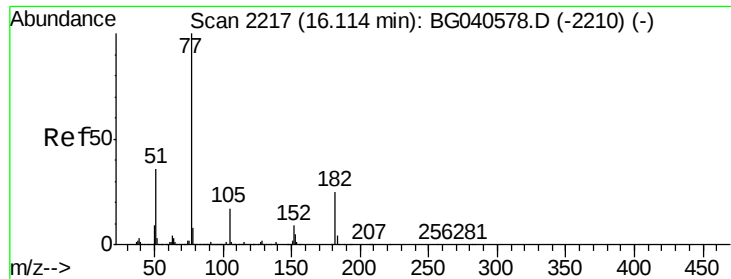
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	27.4	41.2
141	56.6	46.0	69.0



#62
 4-Nitroaniline
 Concen: 46.922 ng
 RT: 15.84 min Scan# 2171
 Delta R.T. -0.02 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	62.9	43.9	83.9
108	117.9	106.5	146.5

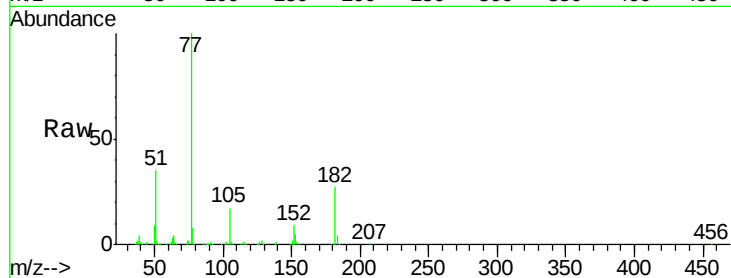




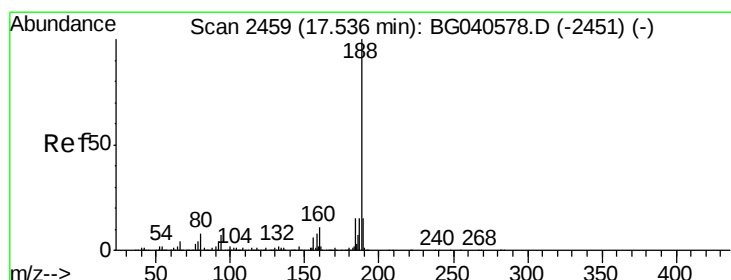
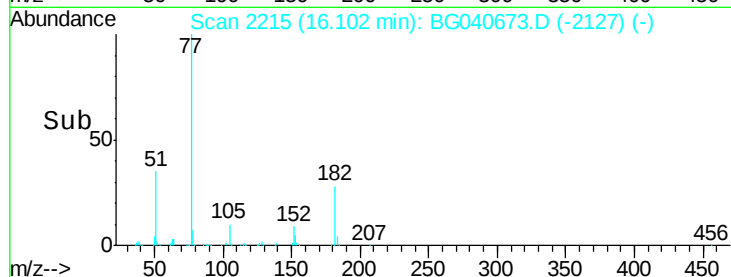
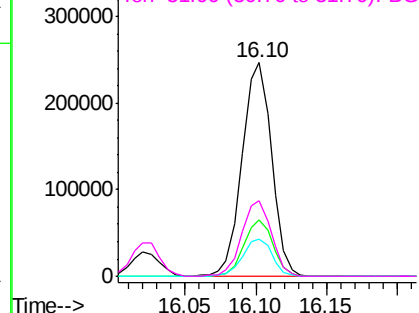
#63
Azobenzene
Concen: 41.546 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG040673.D
Acq: 30 Apr 2019 15:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	360648
Ion	Ratio	Lower	Upper
77	100		
182	26.5	5.0	45.0
105	17.2	0.0	37.6
51	35.4	16.3	56.3

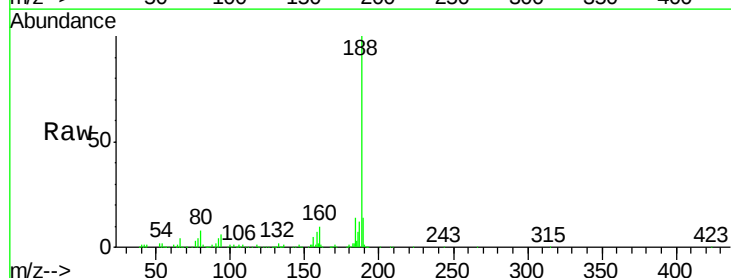


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

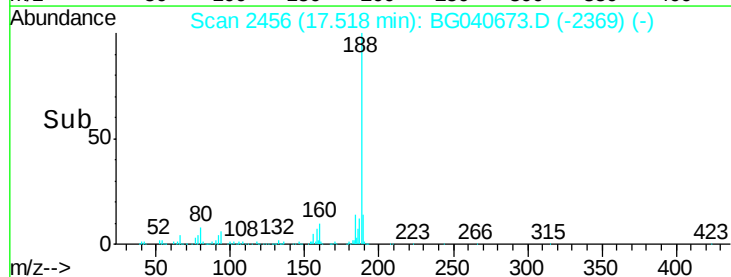
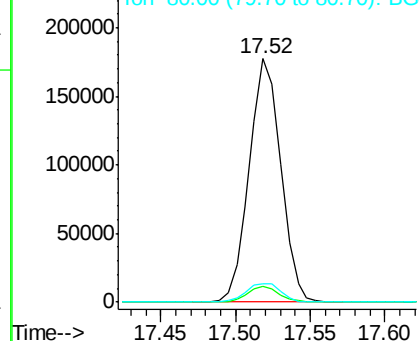


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040673.D
Acq: 30 Apr 2019 15:48

Tgt Ion:	188	Resp:	258983
Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.6	8.4
80	7.5	6.4	9.6



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 46.273 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

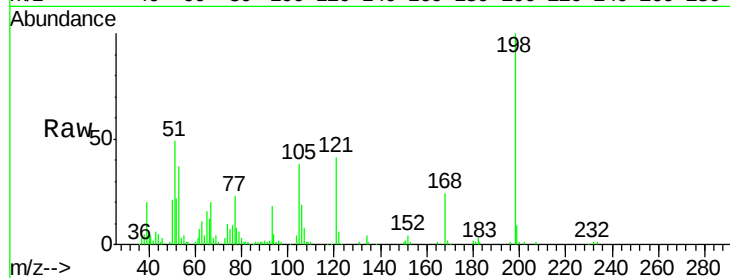
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 58665

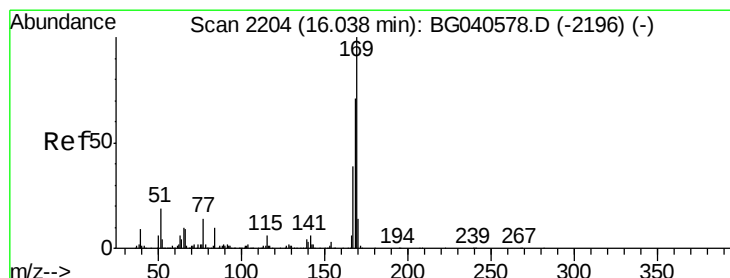
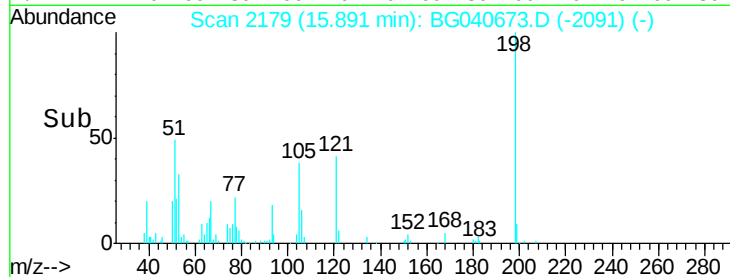
Ion	Ratio	Lower	Upper
198	100		
51	48.6	35.9	75.9
105	38.5	21.2	61.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG040578.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): BG040578.D (-2174) (-)



#66

n-Nitrosodiphenylamine

Concen: 39.853 ng

RT: 16.02 min Scan# 2201

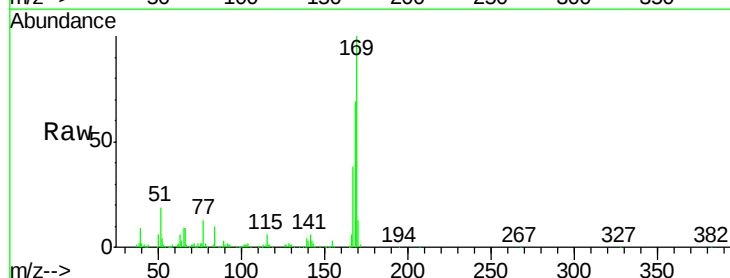
Delta R.T. -0.02 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

Tgt Ion:169 Resp: 303665

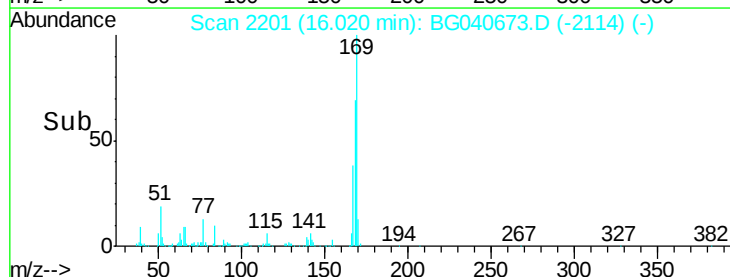
Ion	Ratio	Lower	Upper
169	100		
168	68.8	56.8	85.2
167	38.0	31.4	47.0

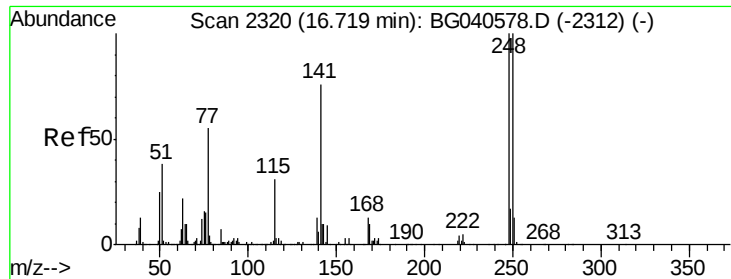


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): BG040578.D (-2196) (-)

Ion 167.00 (166.70 to 167.70): BG040578.D (-2196) (-)

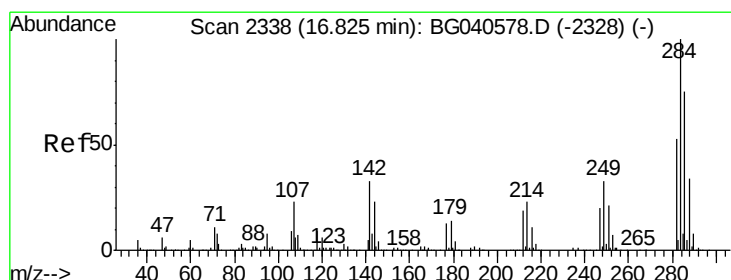
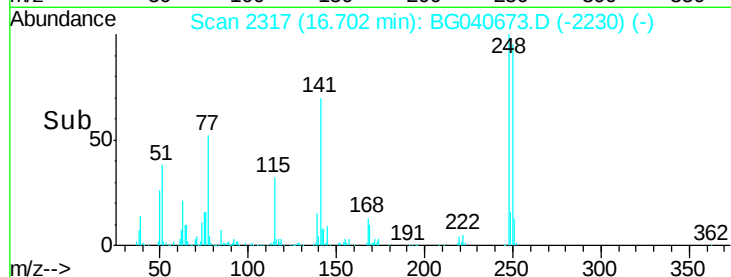
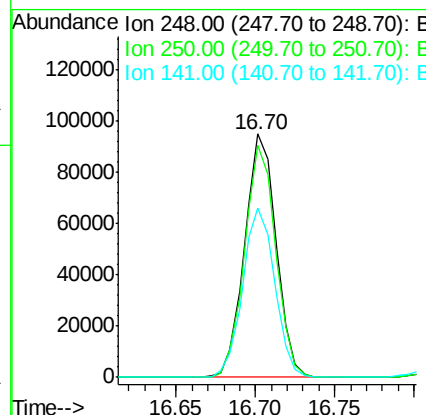
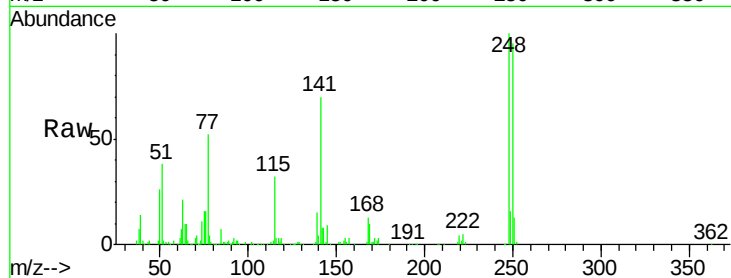




#67
 4-Bromophenyl-phenylether
 Concen: 40.542 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.02 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

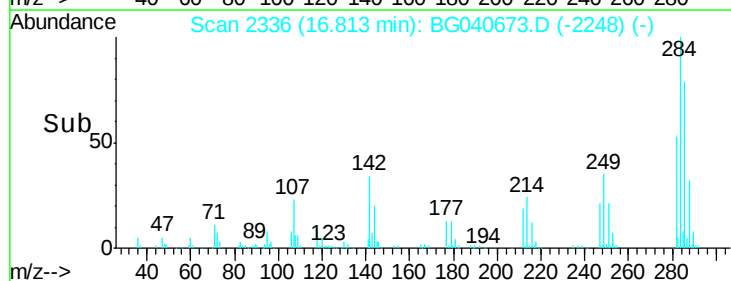
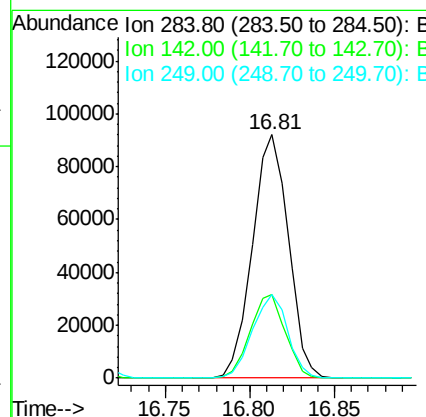
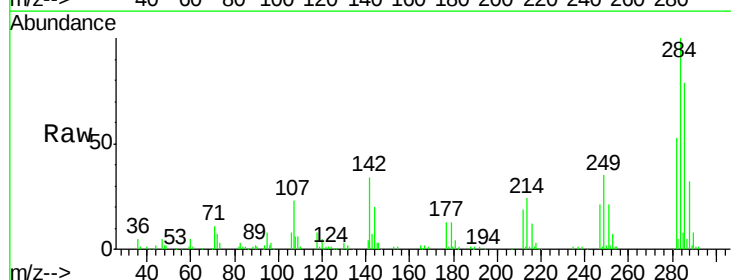
Instrument :
 BNA_G
 ClientSampleId :

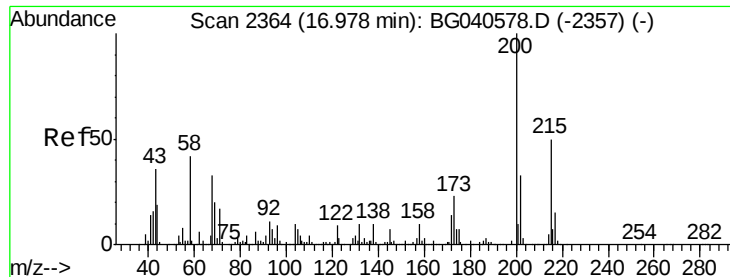
Tot Ion:248 Resp: 130812
 Ion Ratio Lower Upper
 248 100
 250 95.3 79.8 119.6
 141 69.7 60.8 91.2



#68
 Hexachlorobenzene
 Concen: 40.969 ng
 RT: 16.81 min Scan# 2336
 Delta R.T. -0.01 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

Tgt Ion:284 Resp: 136685
 Ion Ratio Lower Upper
 284 100
 142 34.2 26.6 40.0
 249 34.5 26.0 39.0

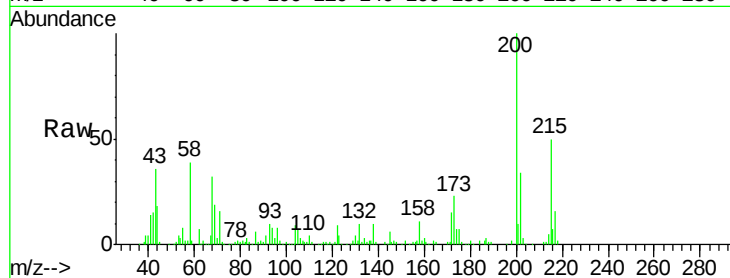




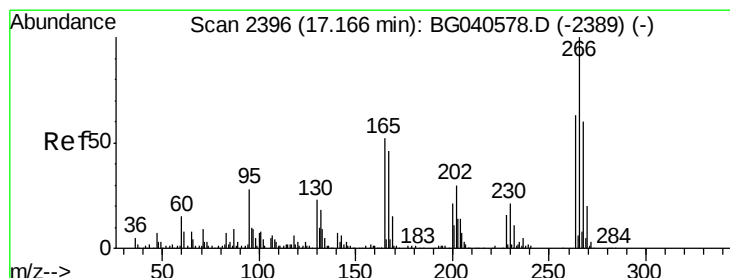
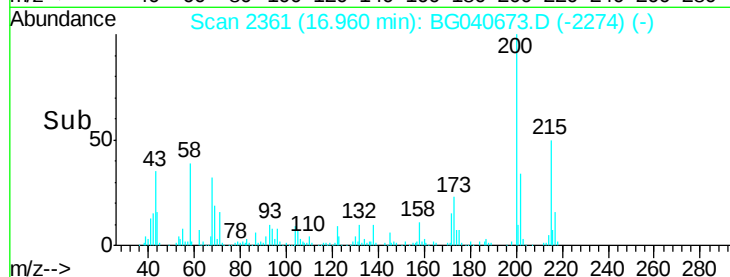
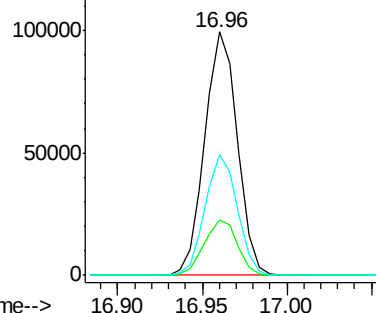
#69
 Atrazine
 Concen: 44.262 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.02 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.0	2.8	42.8
215	49.7	30.2	70.2

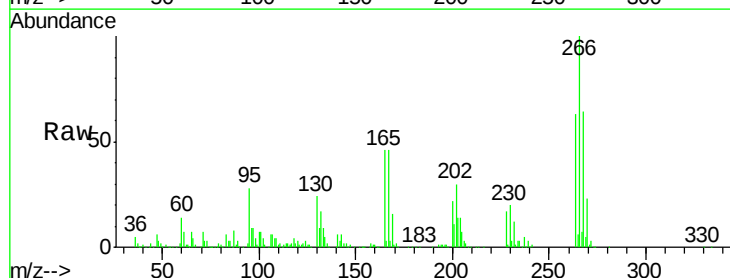


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

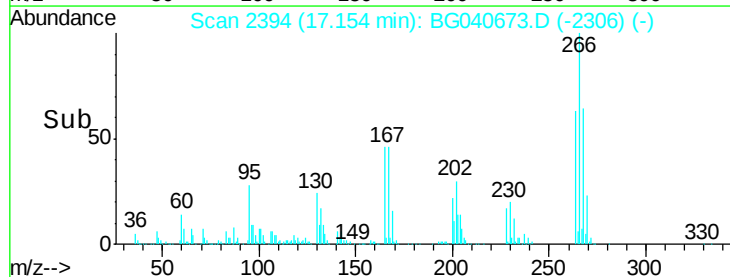
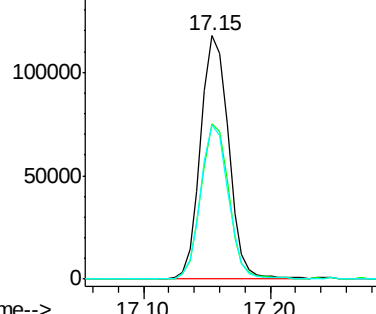


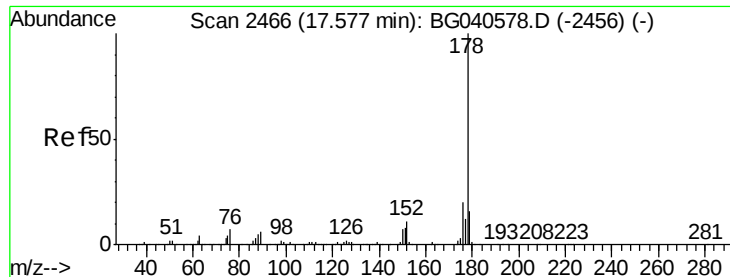
#70
 Pentachlorophenol
 Concen: 92.223 ng
 RT: 17.15 min Scan# 2394
 Delta R.T. -0.01 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	52.3	78.5
264	63.3	50.0	75.0



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: 42.325 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

Instrument :

BNA_G

ClientSampleId :

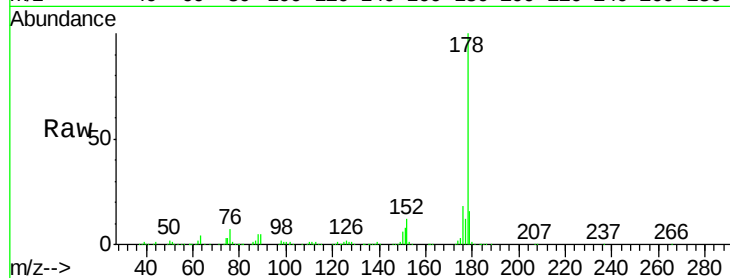
Tot Ion:178 Resp: 590415

Ion Ratio Lower Upper

178 100

176 18.2 15.8 23.6

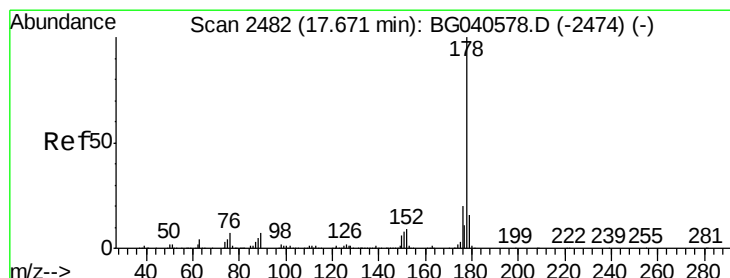
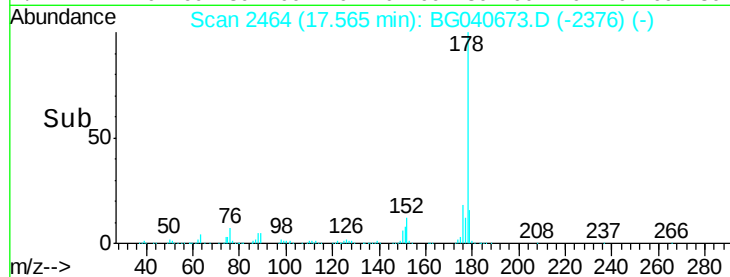
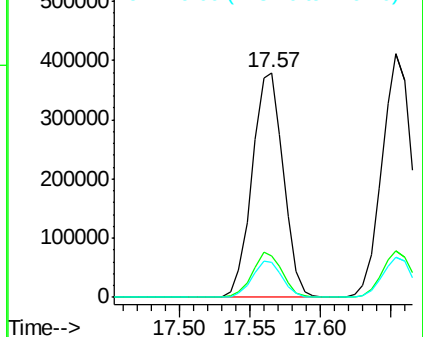
179 15.8 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.048 ng

RT: 17.65 min Scan# 2479

Delta R.T. -0.02 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

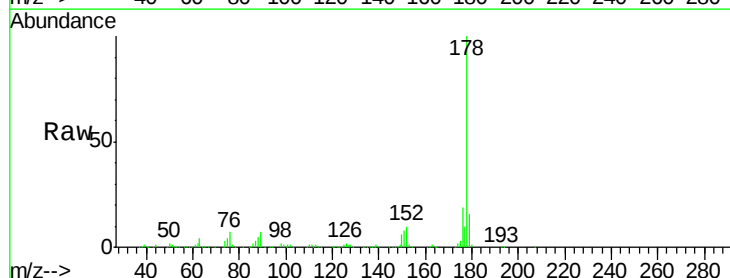
Tgt Ion:178 Resp: 603595

Ion Ratio Lower Upper

178 100

176 18.9 15.6 23.4

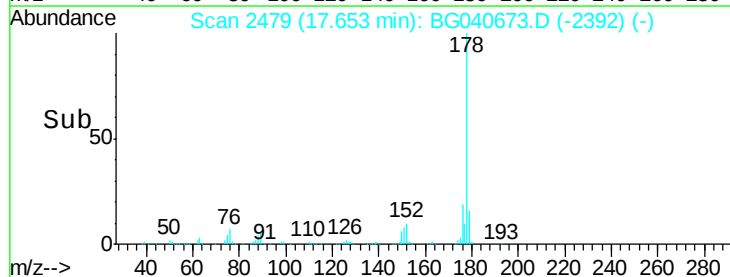
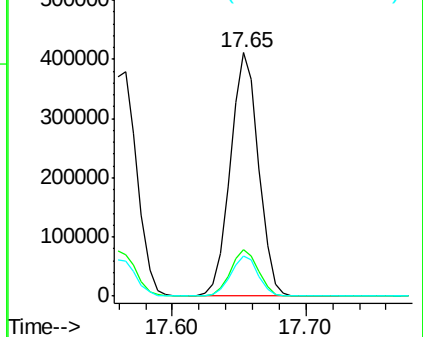
179 16.3 12.9 19.3

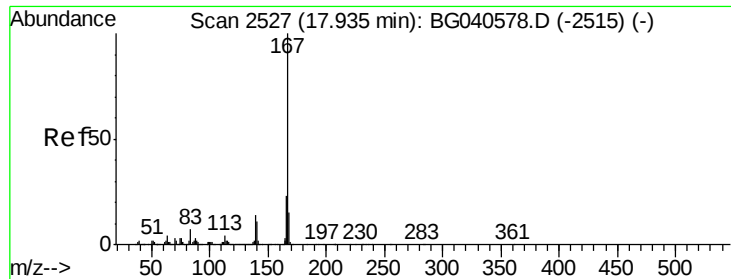


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

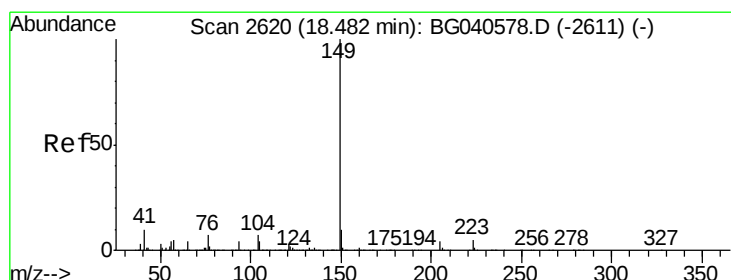
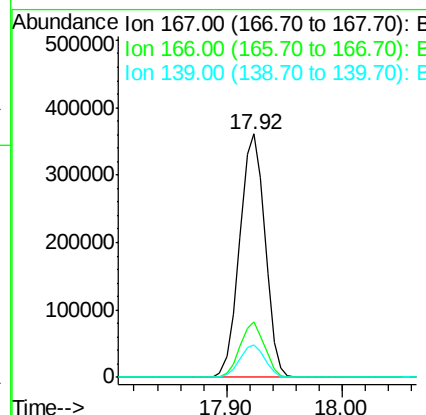
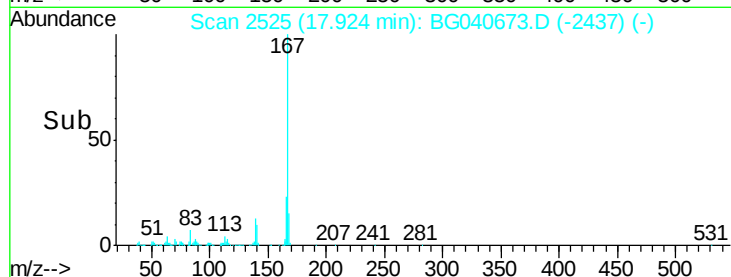
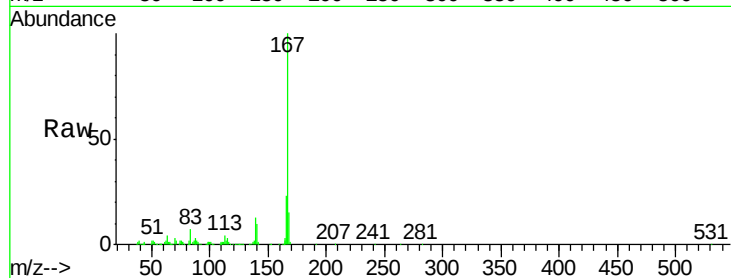




#73
 Carbazole
 Concen: 42.945 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.01 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

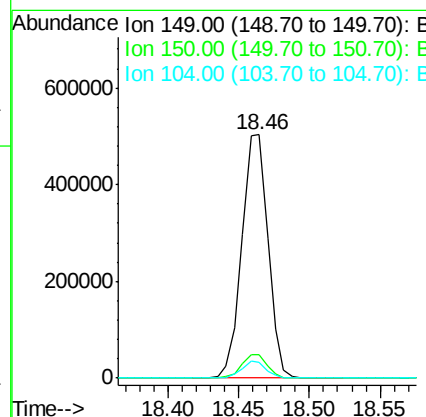
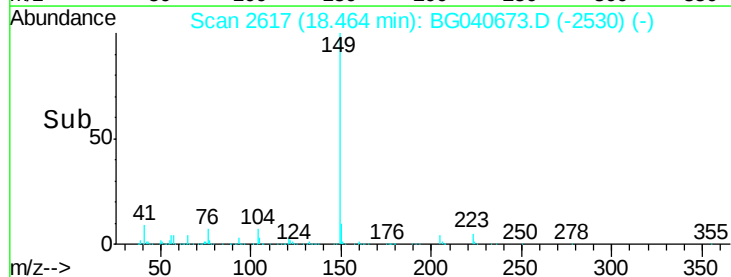
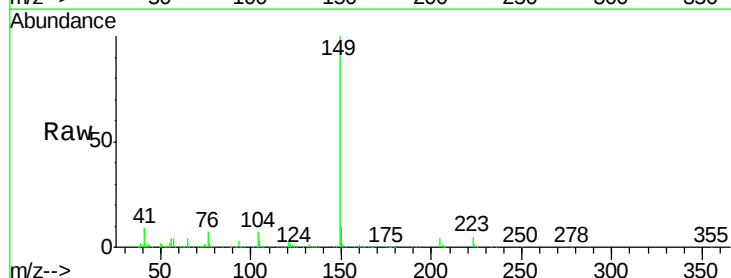
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.4
139	13.5	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 42.240 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BG040673.D
 Acq: 30 Apr 2019 15:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.2	12.2
104	6.6	5.4	8.2





#75

Fluoranthene

Concen: 45.145 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040673.D

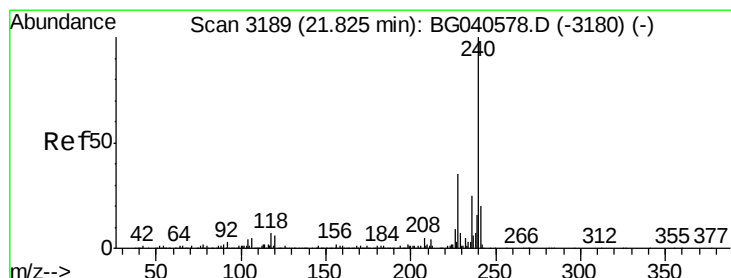
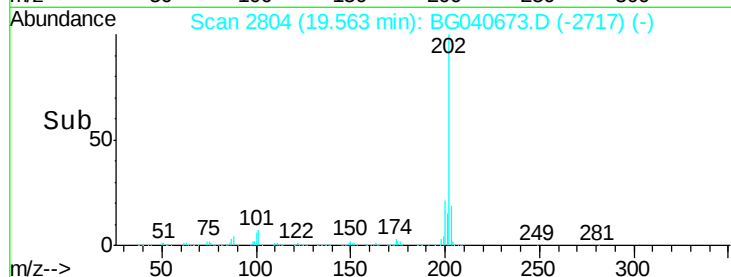
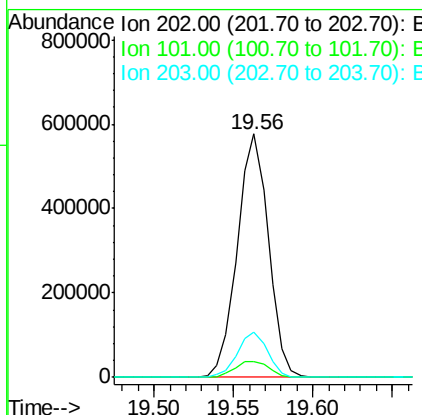
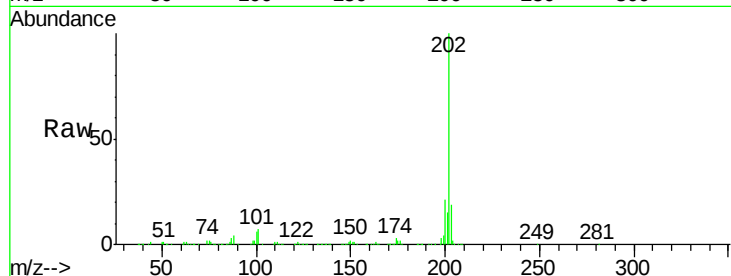
Acq: 30 Apr 2019 15:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	784778
Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	27.5
203	18.6	0.0	39.3



#76

Chrysene-d12

Concen: 20.000 ng

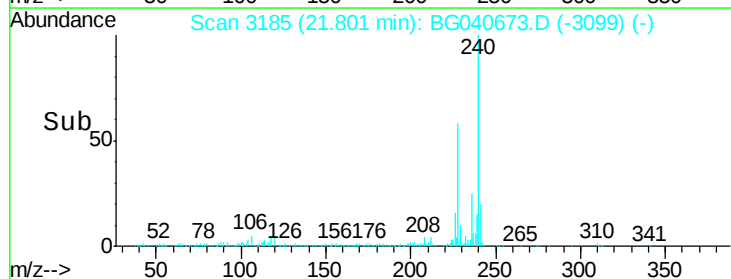
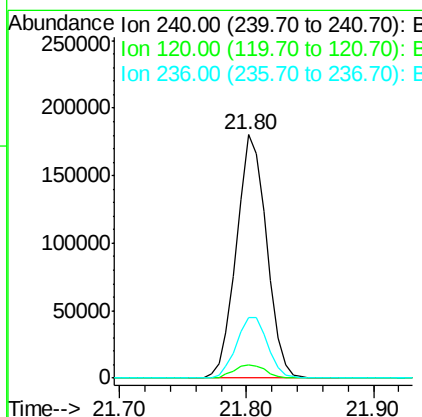
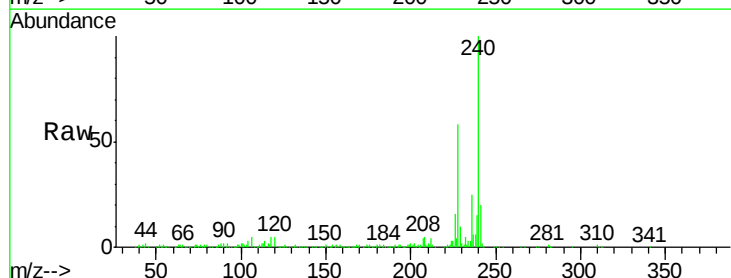
RT: 21.80 min Scan# 3185

Delta R.T. -0.02 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

Tgt Ion:	240	Resp:	297262
Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.0	7.6
236	24.7	20.3	30.5





#77

Benzidine

Concen: 34.080 ng

RT: 19.75 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

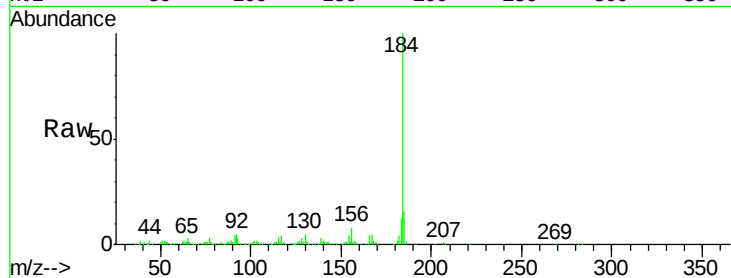
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 277384

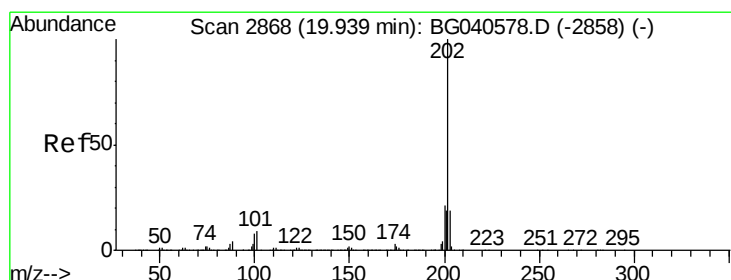
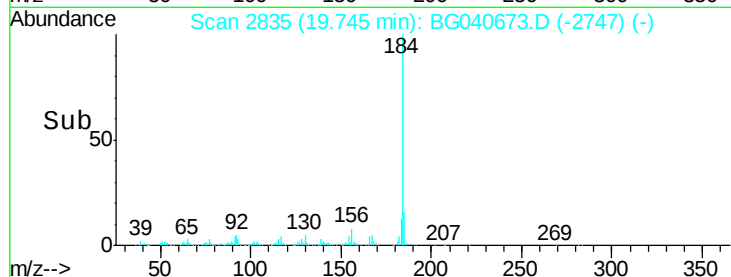
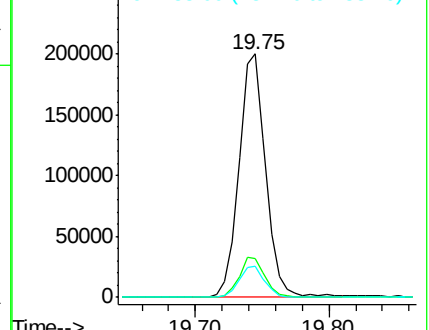
Ion	Ratio	Lower	Upper
184	100		
185	16.1	11.8	17.8
183	13.0	10.2	15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.023 ng

RT: 19.93 min Scan# 2866

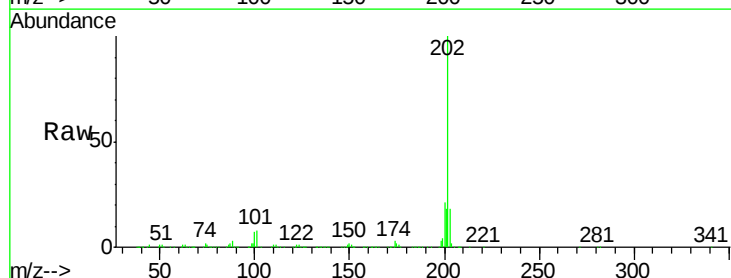
Delta R.T. -0.01 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

Tgt Ion:202 Resp: 782941

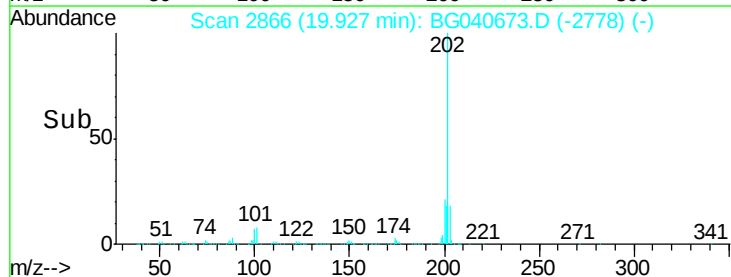
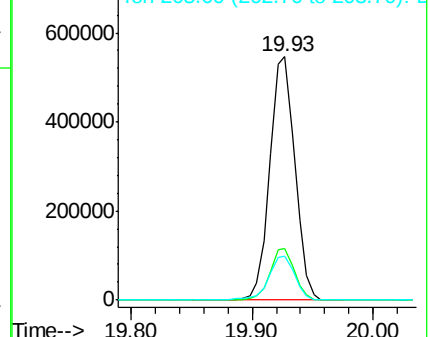
Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.2	25.8
203	18.0	15.0	22.4

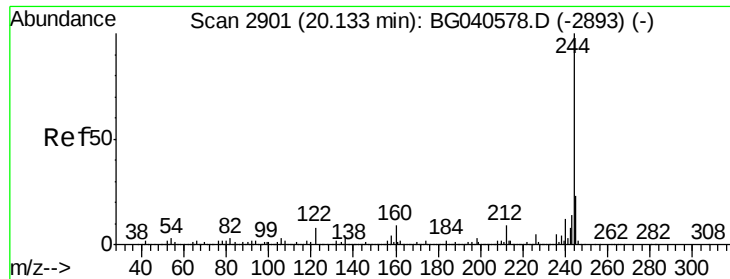


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.325 ng

RT: 20.12 min Scan# 2898

Delta R.T. -0.02 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

Instrument :

BNA_G

ClientSampled :

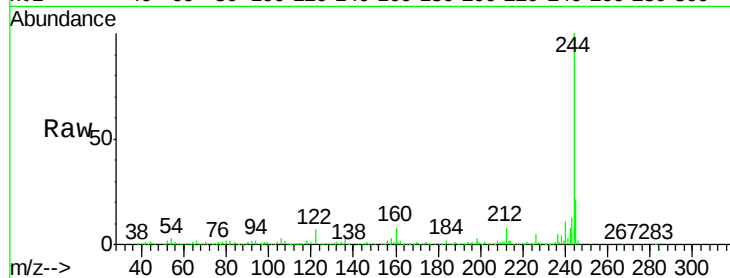
Tot Ion:244 Resp: 1064365

Ion Ratio Lower Upper

244 100

212 8.4 7.2 10.8

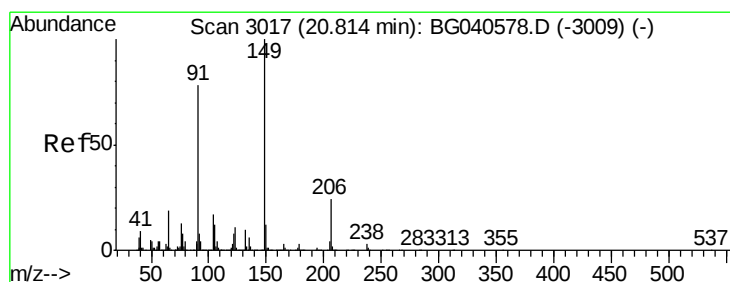
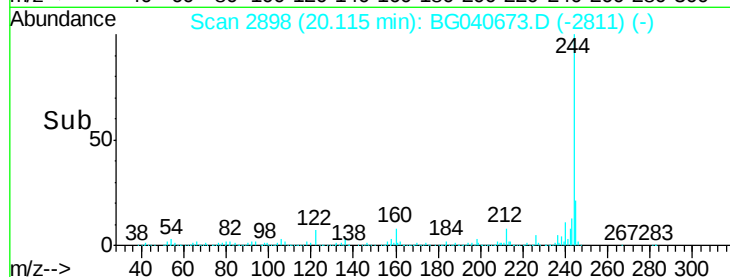
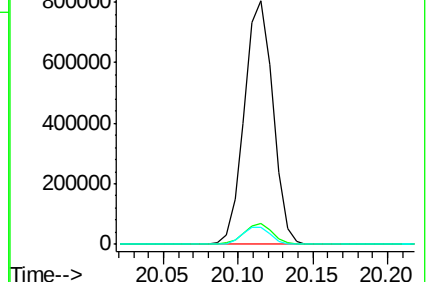
122 6.9 6.6 10.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.756 ng

RT: 20.80 min Scan# 3014

Delta R.T. -0.02 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

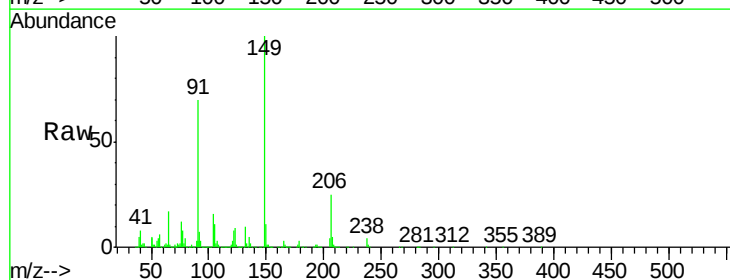
Tgt Ion:149 Resp: 303215

Ion Ratio Lower Upper

149 100

91 70.2 62.6 93.8

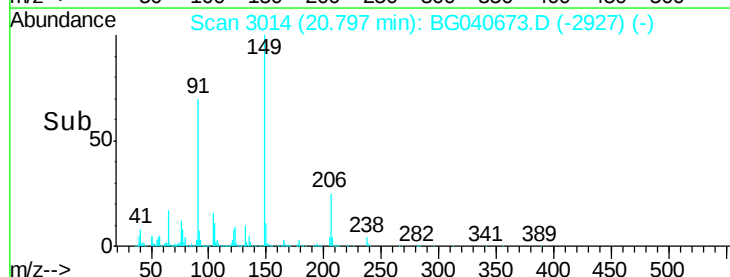
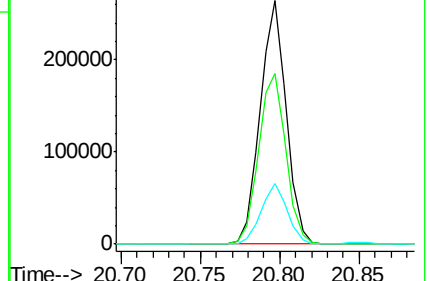
206 24.7 19.4 29.2



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: 39.857 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

Instrument :

BNA_G

ClientSampleId :

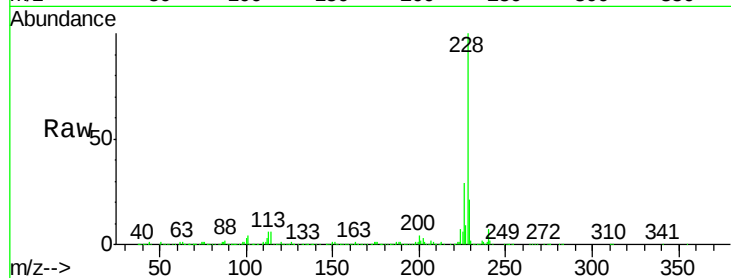
Tot Ion:228 Resp: 748804

Ion Ratio Lower Upper

228 100

226 29.4 23.1 34.7

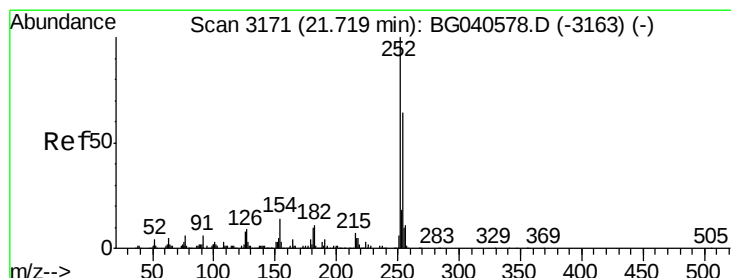
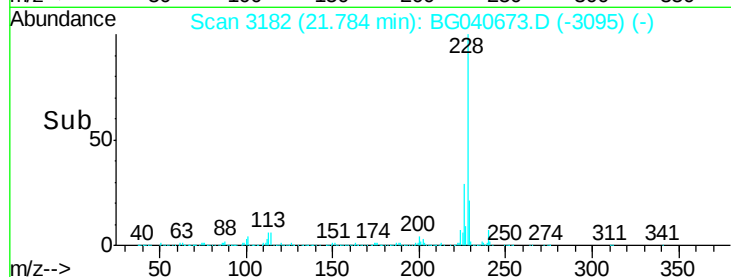
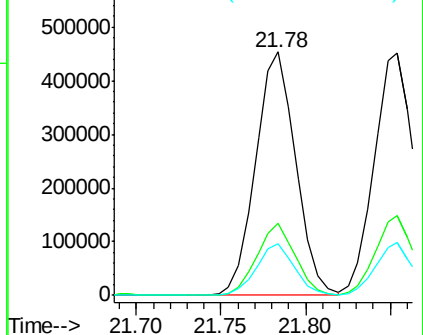
229 21.2 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.751 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

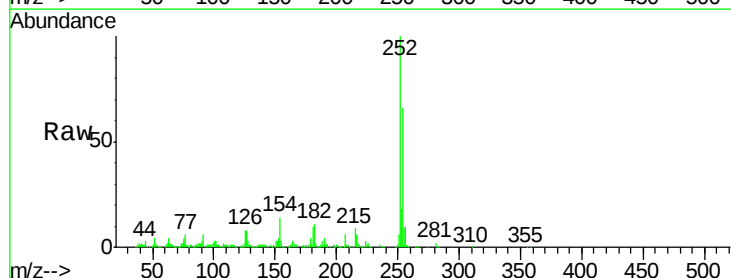
Tgt Ion:252 Resp: 179133

Ion Ratio Lower Upper

252 100

254 66.1 51.2 76.8

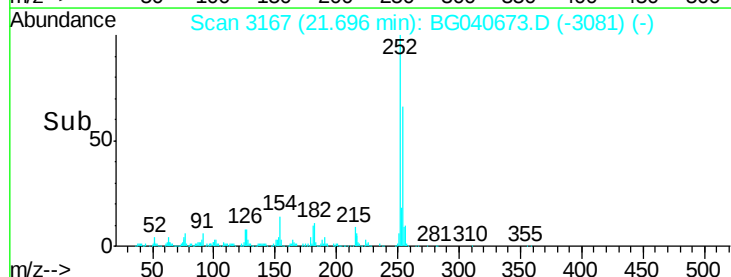
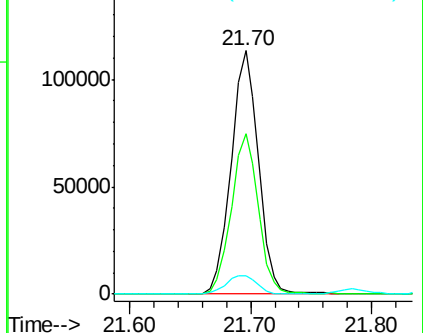
126 7.7 6.6 10.0

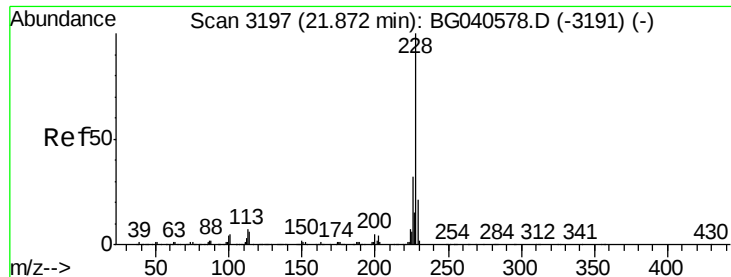


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.292 ng

RT: 21.85 min Scan# 3194

Delta R.T. -0.02 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

Instrument :

BNA_G

ClientSampleId :

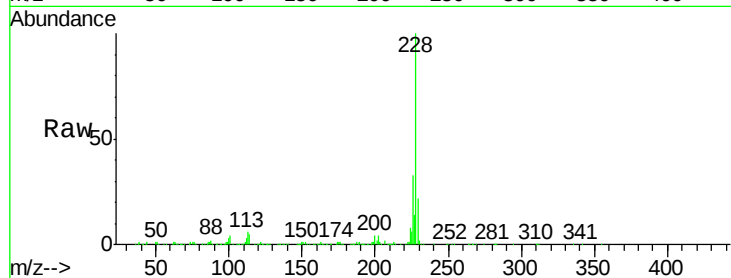
Tot Ion:228 Resp: 737771

Ion Ratio Lower Upper

228 100

226 32.9 25.5 38.3

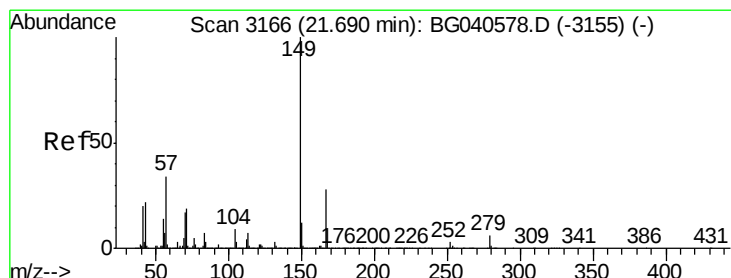
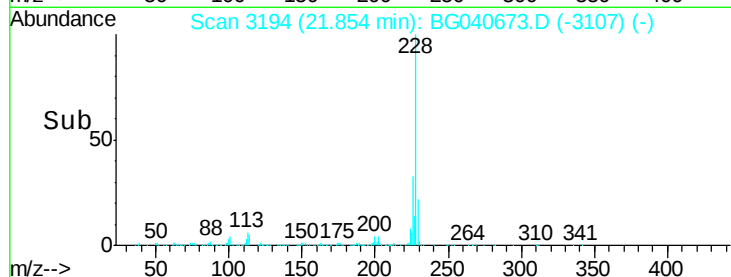
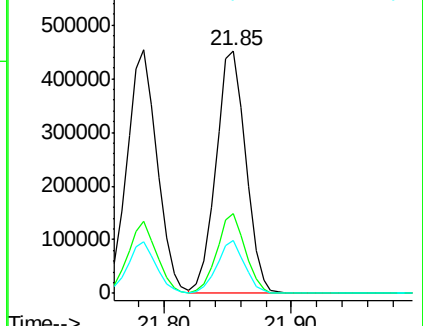
229 21.9 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.828 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.03 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

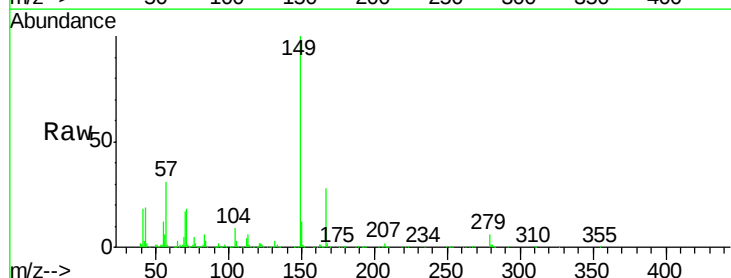
Tgt Ion:149 Resp: 406999

Ion Ratio Lower Upper

149 100

167 27.9 22.4 33.6

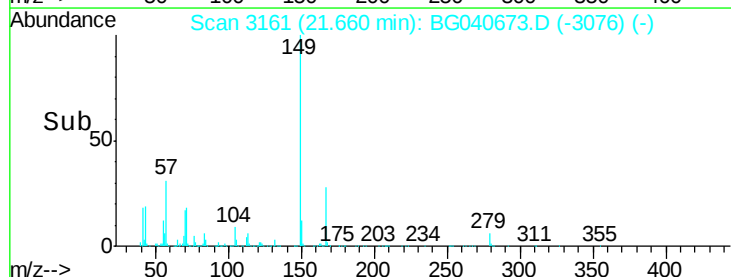
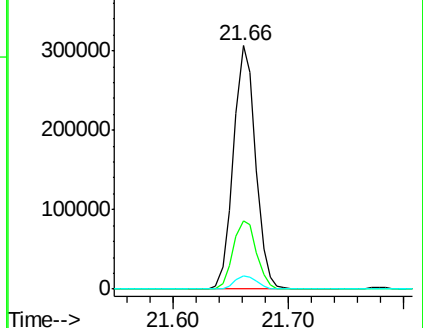
279 5.6 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

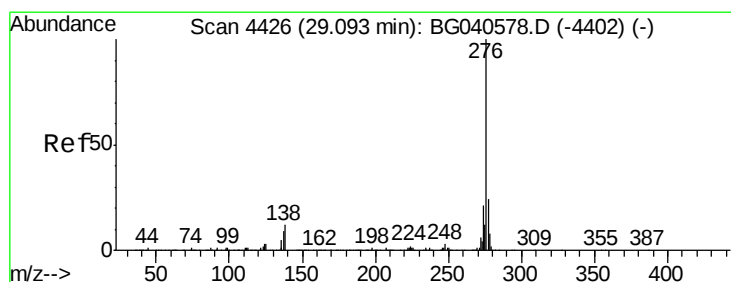
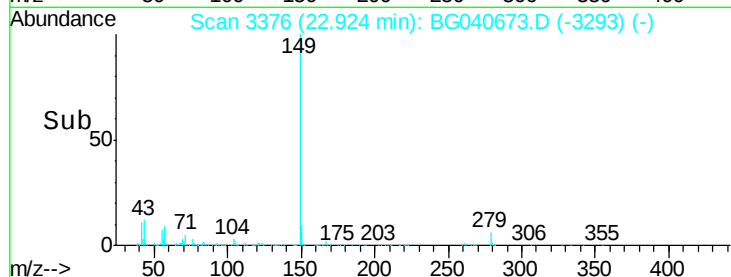
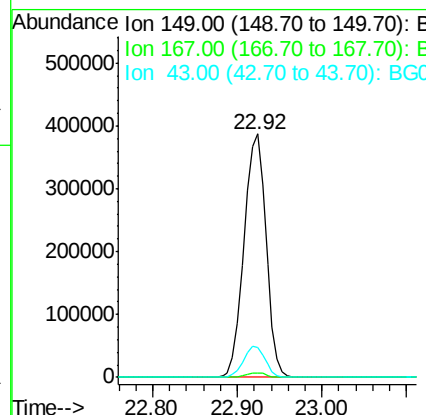
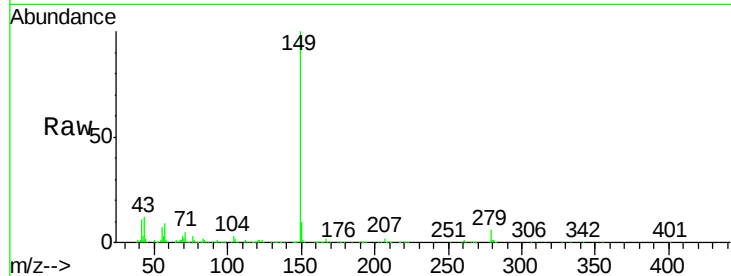




#85
Di-n-octyl phthalate
Concen: 39.386 ng
RT: 22.92 min Scan# 3376
Delta R.T. -0.04 min
Lab File: BG040673.D
Acq: 30 Apr 2019 15:48

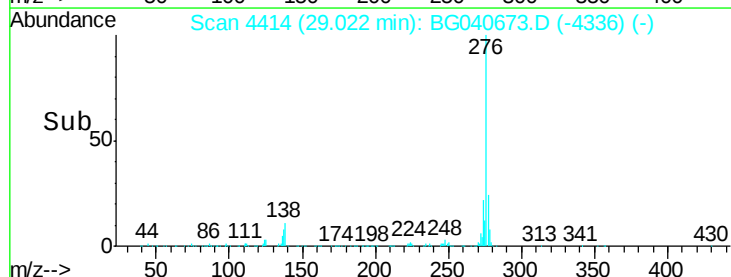
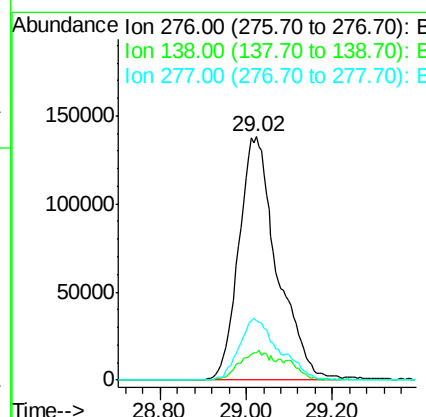
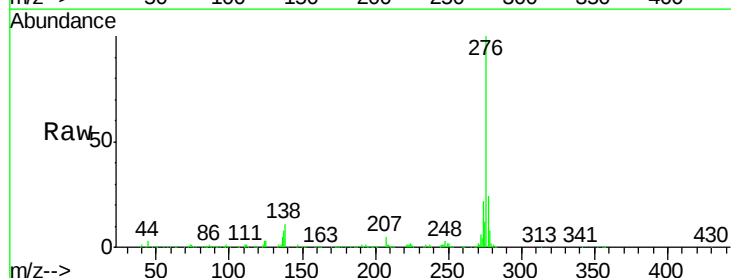
Instrument :
BNA_G
ClientSampled :

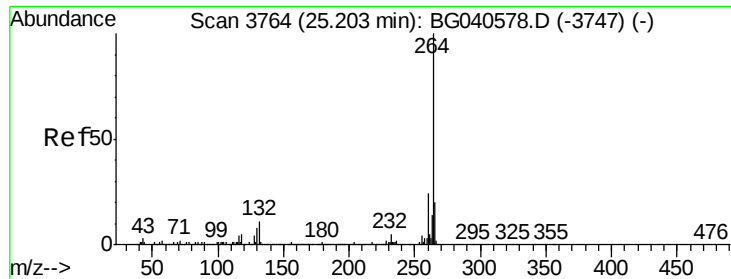
Tot Ion:149 Resp: 695294
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.2
43 12.3 10.2 15.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.721 ng
RT: 29.02 min Scan# 4414
Delta R.T. -0.07 min
Lab File: BG040673.D
Acq: 30 Apr 2019 15:48

Tgt Ion:276 Resp: 858061
Ion Ratio Lower Upper
276 100
138 9.9 9.8 14.6
277 26.3 17.3 25.9#

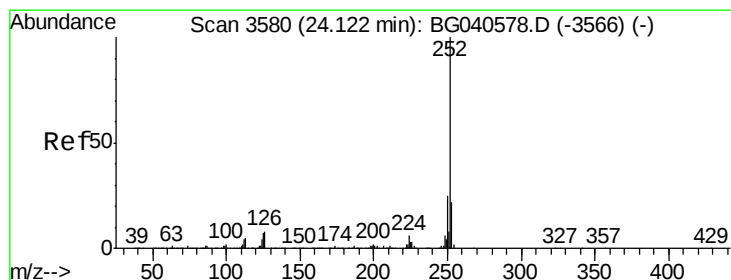
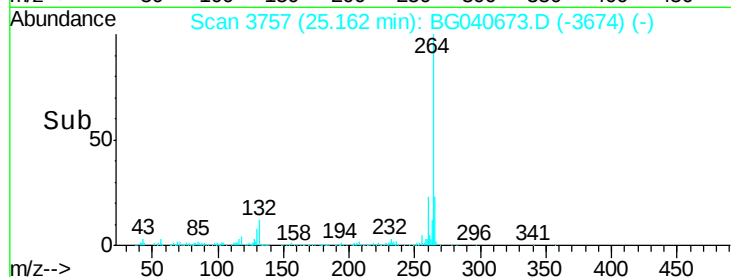
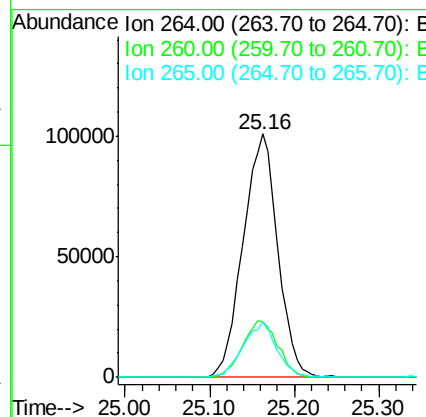
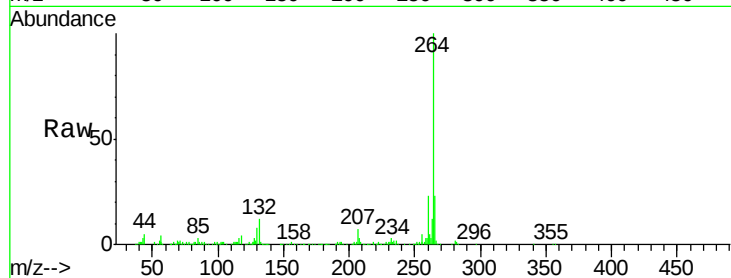




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG040673.D
Acq: 30 Apr 2019 15:48

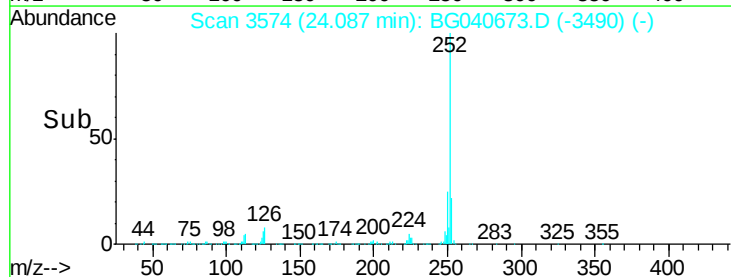
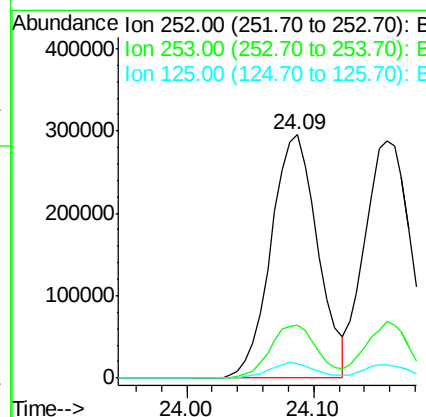
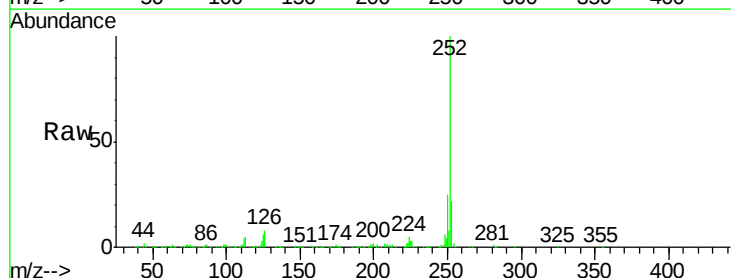
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	23.0	16.6	25.0



#88
Benzo(b)fluoranthene
Concen: 43.180 ng
RT: 24.09 min Scan# 3574
Delta R.T. -0.04 min
Lab File: BG040673.D
Acq: 30 Apr 2019 15:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	6.0	5.4	8.0

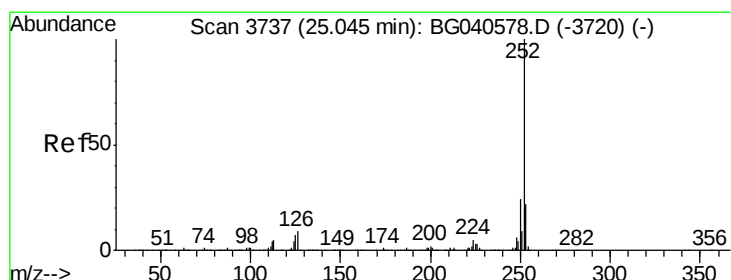
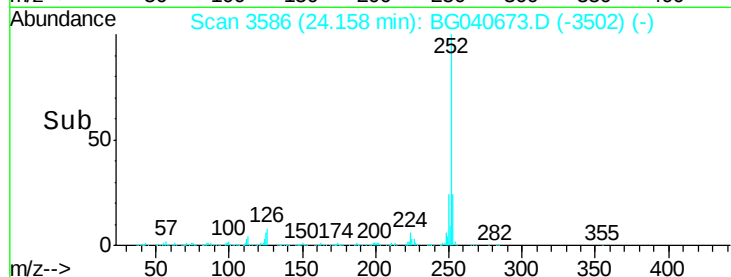
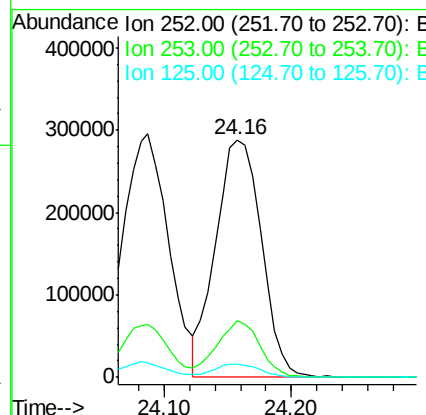
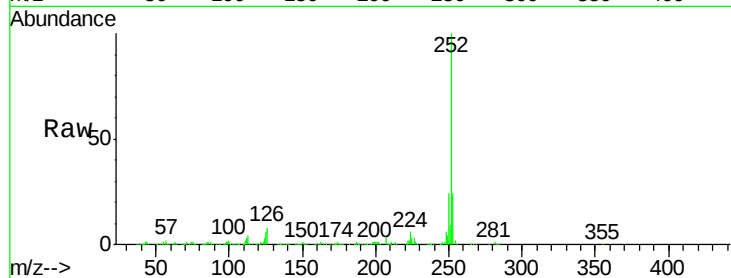




#89
Benzo(k)fluoranthene
Concen: 43.990 ng
RT: 24.16 min Scan# 3586
Delta R.T. -0.04 min
Lab File: BG040673.D
Acq: 30 Apr 2019 15:48

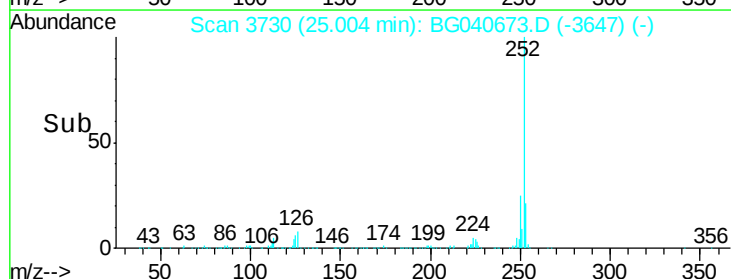
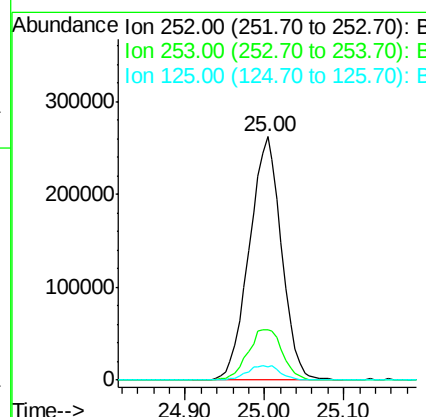
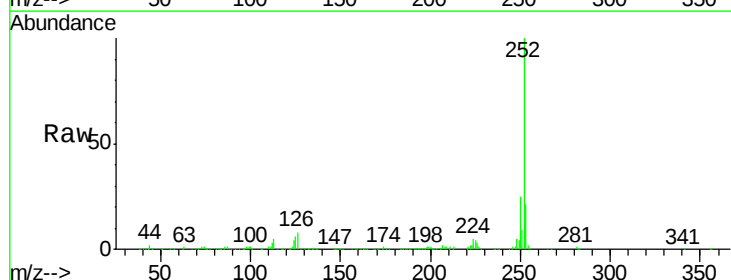
Instrument :
BNA_G
ClientSampleId :

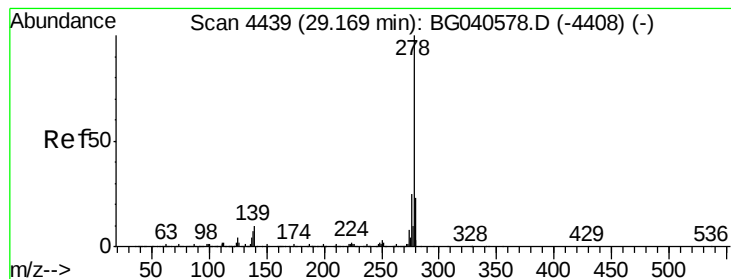
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	5.8	5.5	8.3



#90
Benzo(a)pyrene
Concen: 44.495 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG040673.D
Acq: 30 Apr 2019 15:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.8	26.6
125	5.6	5.7	8.5#





#91

Dibenzo(a,h)anthracene

Concen: 41.913 ng

RT: 29.09 min Scan# 4426

Delta R.T. -0.08 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

Instrument :

BNA_G

ClientSampleId :

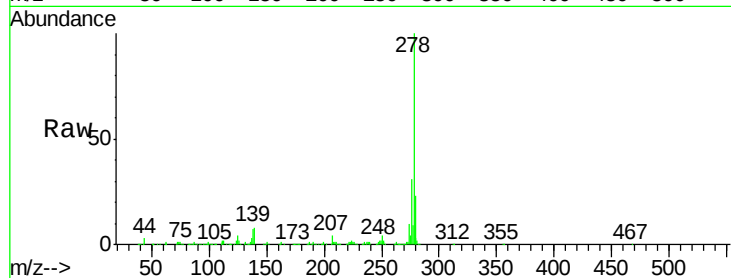
Tot Ion:278 Resp: 704383

Ion Ratio Lower Upper

278 100

139 8.5 8.2 12.4

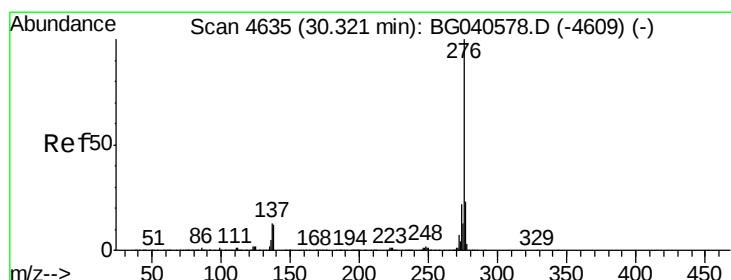
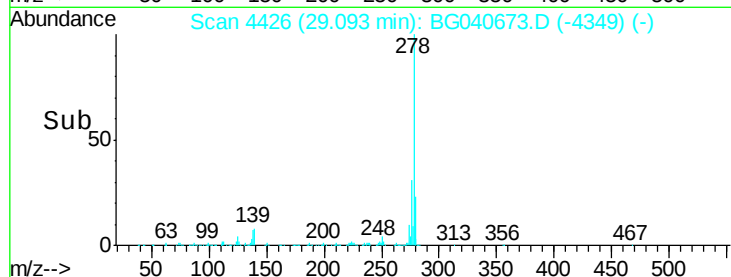
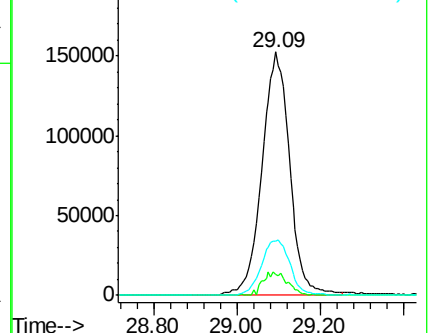
279 22.5 18.5 27.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.071 ng

RT: 30.24 min Scan# 4622

Delta R.T. -0.08 min

Lab File: BG040673.D

Acq: 30 Apr 2019 15:48

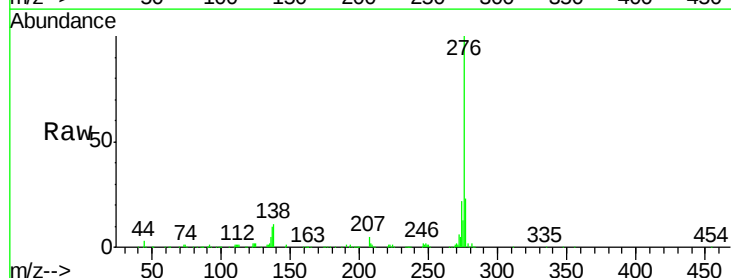
Tgt Ion:276 Resp: 703670

Ion Ratio Lower Upper

276 100

277 22.5 18.4 27.6

138 11.0 9.8 14.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

