

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042619\
 Data File : BG040640.D
 Acq On : 26 Apr 2019 23:08
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 27 02:04:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	58128	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	264953	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	188100	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	470389	20.00	ng	0.00
76) Chrysene-d12	21.82	240	443832	20.00	ng	0.00
87) Perylene-d12	25.20	264	484516	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	275799	83.64	ng	0.00
7) Phenol-d6	7.29	99	442001	87.05	ng	0.00
23) Nitrobenzene-d5	9.34	82	519594	90.61	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	227099	87.84	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	1057861	81.22	ng	0.00
79) Terphenyl-d14	20.13	244	1790744	89.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	63271	42.190	ng	94
3) Pyridine	3.97	79	186751	42.963	ng	96
4) n-Nitrosodimethylamine	3.88	42	108116	44.842	ng	# 97
6) Aniline	7.48	93	283931	42.191	ng	97
8) 2-Chlorophenol	7.72	128	166157	41.266	ng	94
9) Benzaldehyde	7.29	77	138731	48.122	ng	95
10) Phenol	7.32	94	230447	42.223	ng	89
11) bis(2-Chloroethyl)ether	7.57	93	172256	42.088	ng	99
12) 1,3-Dichlorobenzene	8.04	146	182259	41.472	ng	96
13) 1,4-Dichlorobenzene	8.19	146	187723	42.136	ng	99
14) 1,2-Dichlorobenzene	8.51	146	175485	40.844	ng	99
15) Benzyl Alcohol	8.40	79	226774	42.926	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	339801	41.702	ng	98
17) 2-Methylphenol	8.58	107	161499	41.813	ng	94
18) Hexachloroethane	9.24	117	76050	41.613	ng	94
19) n-Nitroso-di-n-propylamine	8.97	70	188189	41.175	ng	98
20) 3+4-Methylphenols	8.92	107	226012	42.004	ng	96
22) Acetophenone	8.99	105	303351	41.173	ng	# 97
24) Nitrobenzene	9.38	77	274287	44.833	ng	99
25) Isophorone	9.90	82	523588	40.992	ng	99
26) 2-Nitrophenol	10.09	139	105074	47.912	ng	93
27) 2,4-Dimethylphenol	10.13	122	168528	40.957	ng	98
28) bis(2-Chloroethoxy)methane	10.38	93	252047	39.331	ng	98
29) 2,4-Dichlorophenol	10.62	162	197511	42.222	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	216495	41.734	ng	96
31) Naphthalene	11.03	128	582358	41.372	ng	99
32) Benzoic acid	10.27	122	149480	53.066	ng	# 83
33) 4-Chloroaniline	11.14	127	249796	40.025	ng	99
34) Hexachlorobutadiene	11.30	225	164090	42.846	ng	97
35) Caprolactam	11.94	113	74245	40.200	ng	97
36) 4-Chloro-3-methylphenol	12.24	107	251089	42.548	ng	97
37) 2-Methylnaphthalene	12.63	142	442306	42.027	ng	99
38) 1-Methylnaphthalene	12.84	142	427987	41.605	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	298040	42.533	ng	100

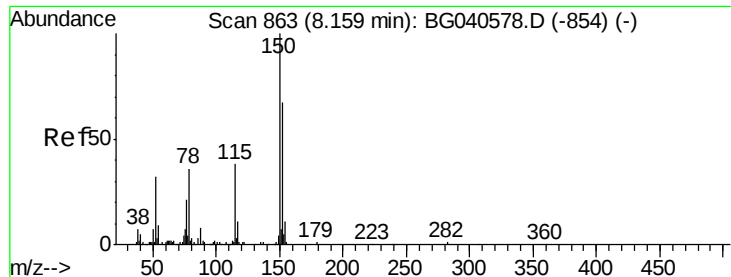
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042619\
 Data File : BG040640.D
 Acq On : 26 Apr 2019 23:08
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 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	153522	37.129	ng	96
43) 2,4,6-Trichlorophenol	13.22	196	182398	43.074	ng	97
44) 2,4,5-Trichlorophenol	13.29	196	198052	42.935	ng	97
46) 1,1'-Biphenyl	13.63	154	594285	40.693	ng	97
47) 2-Chloronaphthalene	13.67	162	467623	40.915	ng	100
48) 2-Nitroaniline	13.87	65	200044	49.171	ng	94
49) Acenaphthylene	14.51	152	782387	40.348	ng	98
50) Dimethylphthalate	14.24	163	638505	40.571	ng	99
51) 2,6-Dinitrotoluene	14.37	165	139304	45.353	ng	96
52) Acenaphthene	14.85	154	454299	40.230	ng	96
53) 3-Nitroaniline	14.70	138	142610	45.314	ng	97
54) 2,4-Dinitrophenol	14.89	184	80211	49.257	ng	# 81
55) Dibenzofuran	15.18	168	748123	40.447	ng	97
56) 4-Nitrophenol	14.98	139	116215	42.586	ng	96
57) 2,4-Dinitrotoluene	15.15	165	203051	48.649	ng	98
58) Fluorene	15.84	166	600195	40.147	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	202715	43.661	ng	93
60) Diethylphthalate	15.59	149	661893	39.861	ng	98
61) 4-Chlorophenyl-phenylether	15.82	204	355960	40.939	ng	97
62) 4-Nitroaniline	15.86	138	153371	43.565	ng	97
63) Azobenzene	16.11	77	692206	40.479	ng	99
65) 4,6-Dinitro-2-methylphenol	15.91	198	103902	45.298	ng	96
66) n-Nitrosodiphenylamine	16.03	169	546979	39.523	ng	98
67) 4-Bromophenyl-phenylether	16.72	248	239458	40.860	ng	98
68) Hexachlorobenzene	16.82	284	250512	41.341	ng	97
69) Atrazine	16.97	200	207374	37.821	ng	99
70) Pentachlorophenol	17.17	266	153557	43.305	ng	100
71) Phenanthrene	17.57	178	1006228	39.715	ng	98
72) Anthracene	17.67	178	1014265	39.826	ng	99
73) Carbazole	17.94	167	903340	38.933	ng	99
74) Di-n-butylphthalate	18.47	149	1074659	38.373	ng	99
75) Fluoranthene	19.58	202	1245691	39.454	ng	99
77) Benzidine	19.75	184	591556	48.678	ng	98
78) Pyrene	19.94	202	1252081	45.011	ng	98
80) Butylbenzylphthalate	20.81	149	485163	44.749	ng	99
81) Benzo(a)anthracene	21.80	228	1250615	44.584	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	453593	45.369	ng	98
83) Chrysene	21.88	228	1187658	44.520	ng	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	673217	43.016	ng	97
85) Di-n-octyl phthalate	22.95	149	1142036	43.329	ng	98
86) Indeno(1,2,3-cd)pyrene	29.09	276	1447940	44.892	ng	# 92
88) Benzo(b)fluoranthene	24.12	252	1240958	41.913	ng	99
89) Benzo(k)fluoranthene	24.19	252	1136761	41.111	ng	98
90) Benzo(a)pyrene	25.04	252	1165706	41.593	ng	99
91) Dibenzo(a,h)anthracene	29.16	278	1156916	40.791	ng	97
92) Benzo(g,h,i)perylene	30.32	276	1160199	41.103	ng	97

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

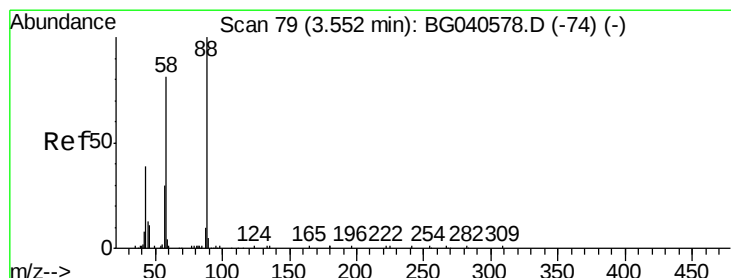
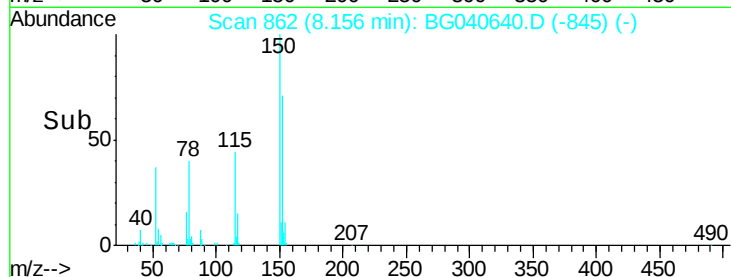
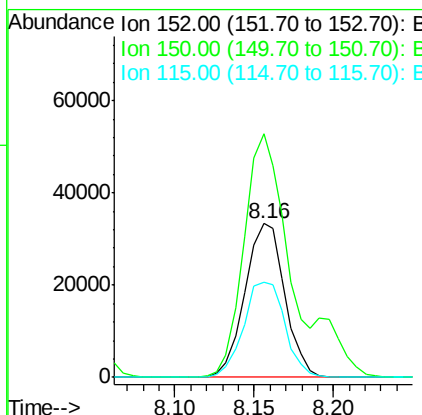
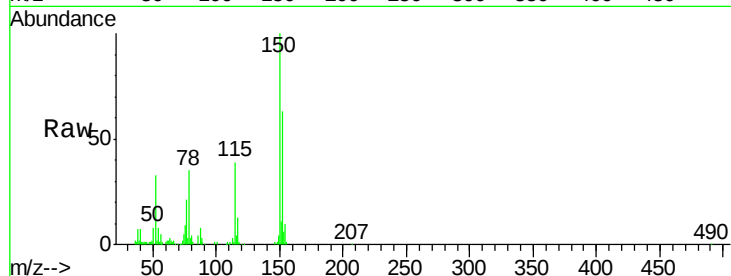


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG040640.D
Acq: 26 Apr 2019 23:08

Instrument :
BNA_G
ClientSampleId :

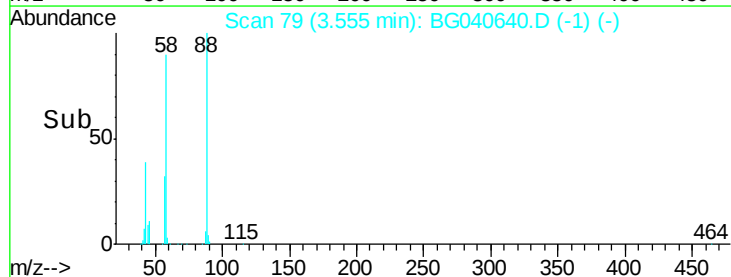
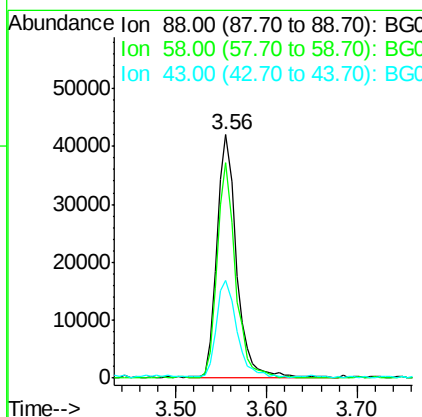
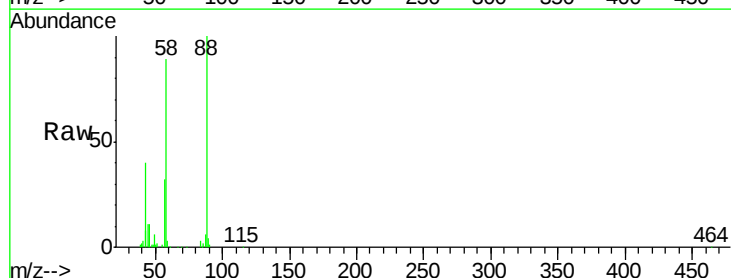
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	120.2	180.2
115	62.2	46.2	69.2

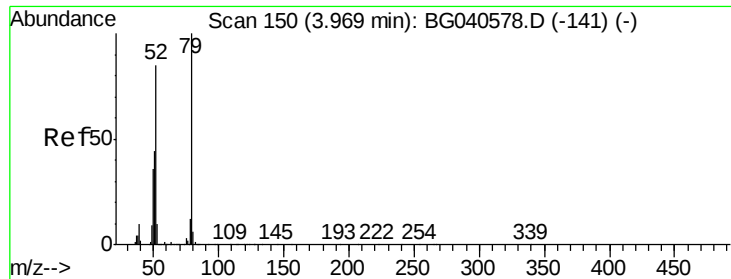


#2

1,4-Dioxane
Concen: 42.190 ng
RT: 3.56 min Scan# 79
Delta R.T. 0.00 min
Lab File: BG040640.D
Acq: 26 Apr 2019 23:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.9	71.2	106.8
43	42.4	35.6	53.4





#3

Pvridine

Concen: 42.963 ng

RT: 3.97 min Scan# 149

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

Instrument :

BNA_G

ClientSampleId :

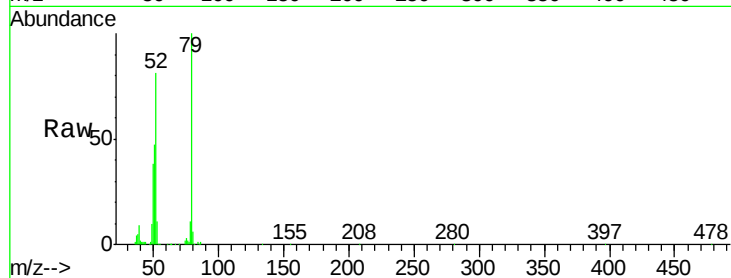
Tot Ion: 79 Resp: 186751

Ion Ratio Lower Upper

79 100

52 81.4 67.5 101.3

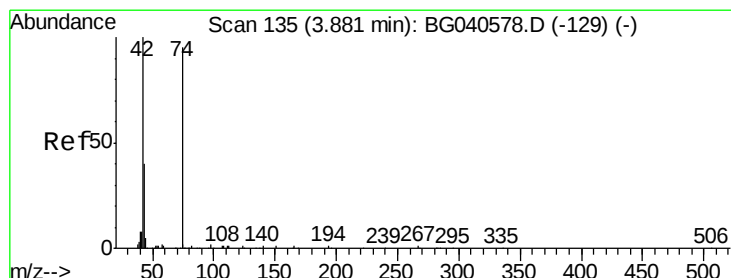
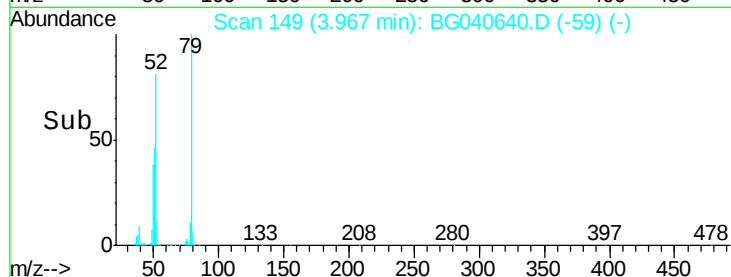
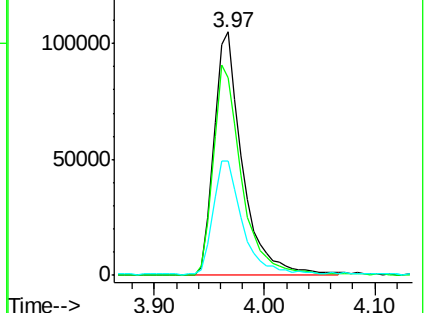
51 47.0 35.6 53.4



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 44.842 ng

RT: 3.88 min Scan# 135

Delta R.T. 0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

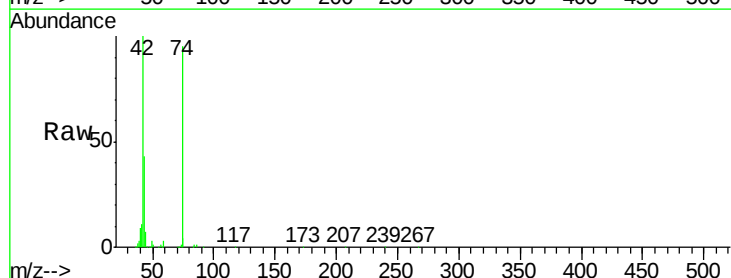
Tgt Ion: 42 Resp: 108116

Ion Ratio Lower Upper

42 100

74 95.5 74.6 111.8

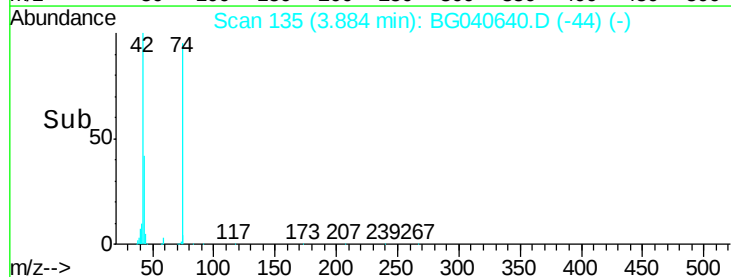
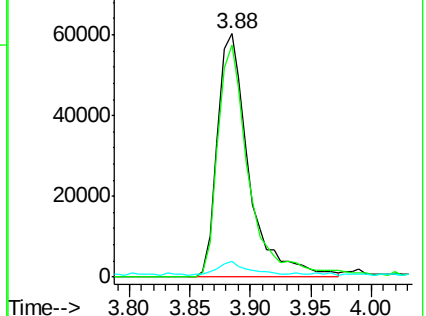
44 6.7 7.4 11.0#

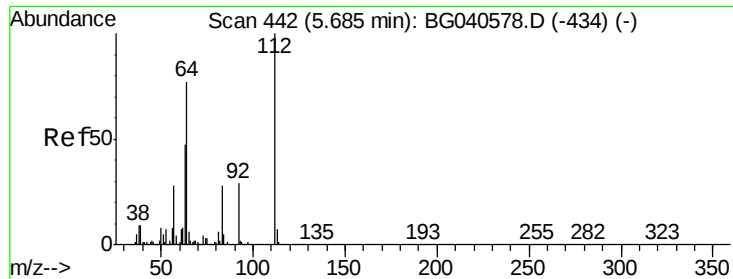


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 83.638 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

Instrument :

BNA_G

ClientSampleId :

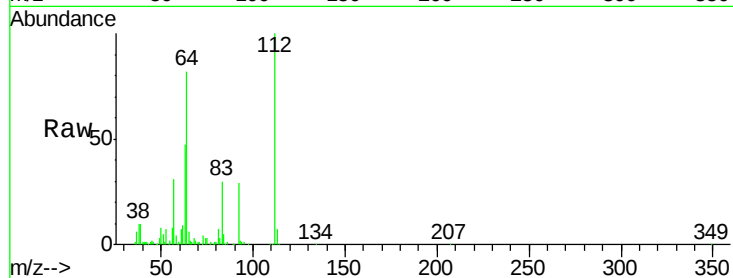
Tot Ion:112 Resp: 275799

Ion Ratio Lower Upper

112 100

64 82.0 61.4 92.0

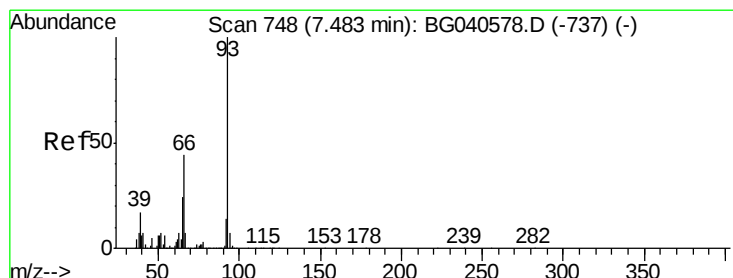
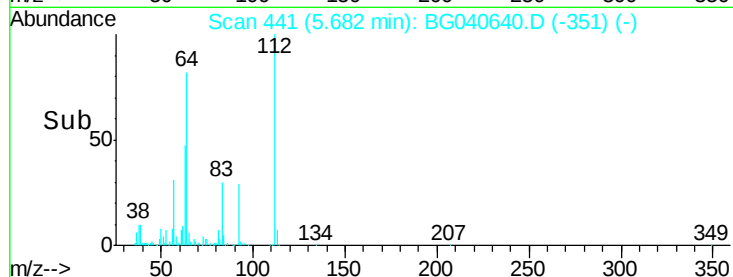
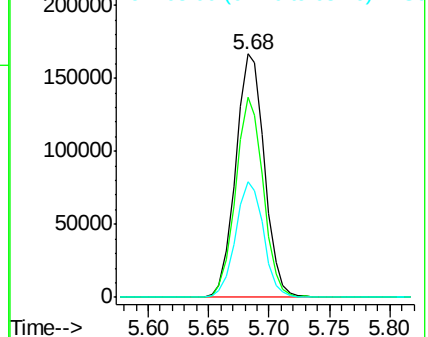
63 47.4 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 42.191 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

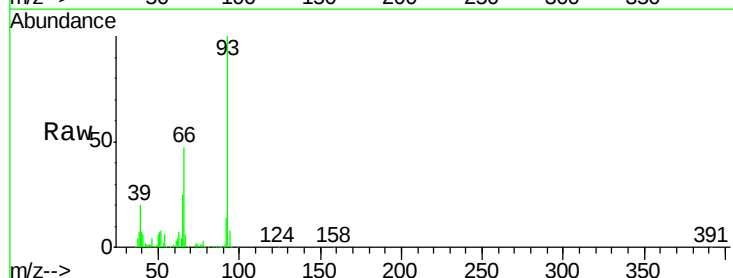
Tgt Ion: 93 Resp: 283931

Ion Ratio Lower Upper

93 100

66 46.8 35.5 53.3

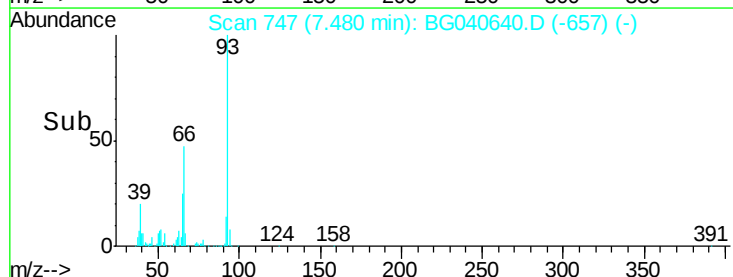
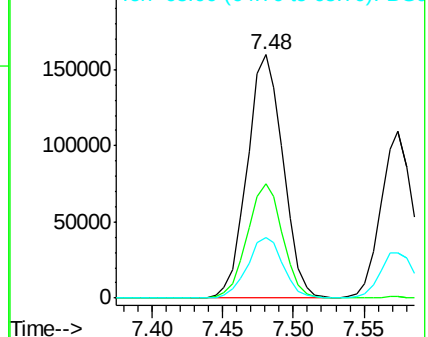
65 24.7 19.2 28.8



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: 87.055 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

Instrument :

BNA_G

ClientSampleId :

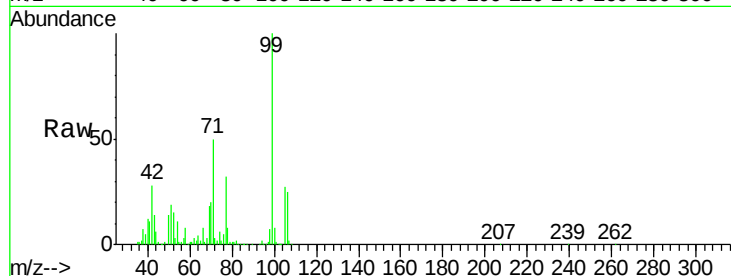
Tot Ion: 99 Resp: 442001

Ion Ratio Lower Upper

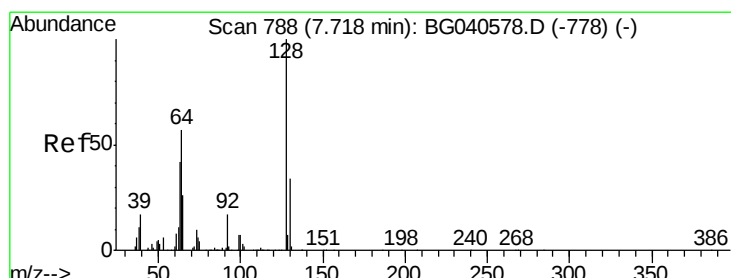
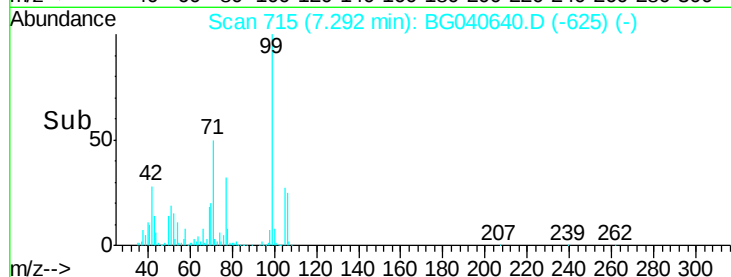
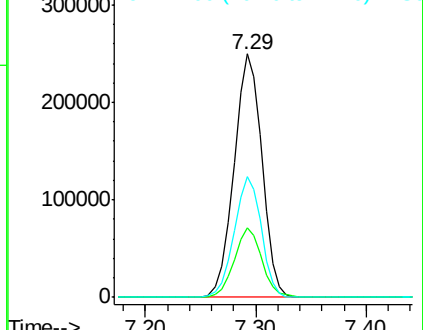
99 100

42 28.4 21.8 32.8

71 49.7 38.6 57.8



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



#8

2-Chlorophenol

Concen: 41.266 ng

RT: 7.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

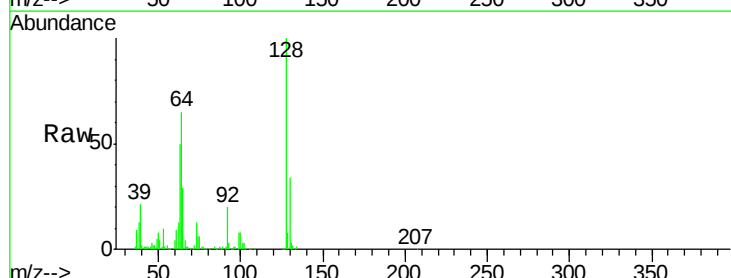
Tgt Ion: 128 Resp: 166157

Ion Ratio Lower Upper

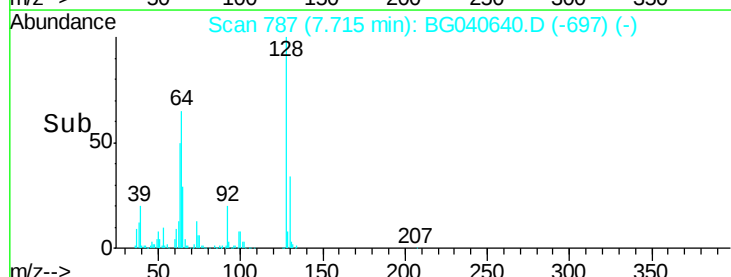
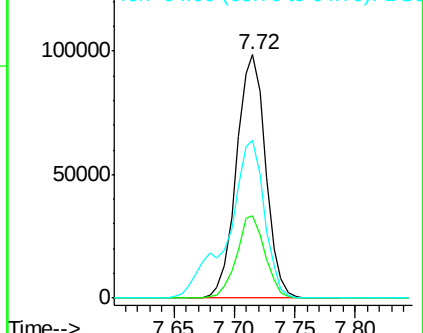
128 100

130 33.6 14.5 54.5

64 65.0 38.4 78.4



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





#9

Benzaldehyde

Concen: 48.122 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

Instrument :

BNA_G

ClientSampleId :

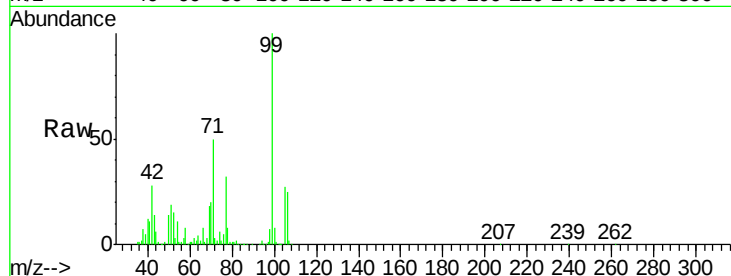
Tot Ion: 77 Resp: 138731

Ion Ratio Lower Upper

77 100

105 84.8 72.0 112.0

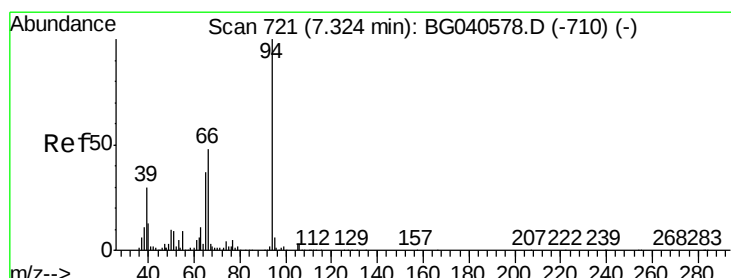
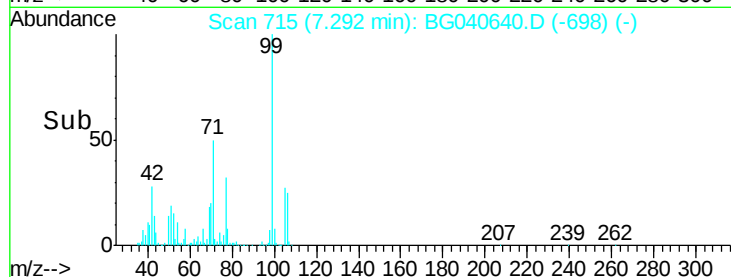
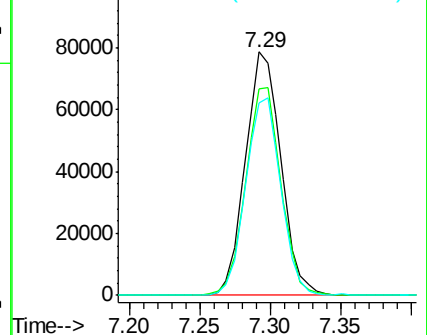
106 79.0 61.2 101.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.223 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

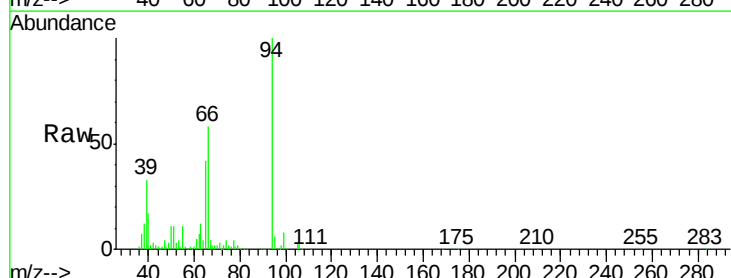
Tgt Ion: 94 Resp: 230447

Ion Ratio Lower Upper

94 100

65 41.8 17.0 57.0

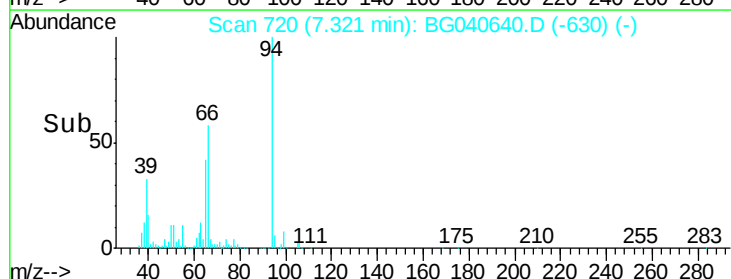
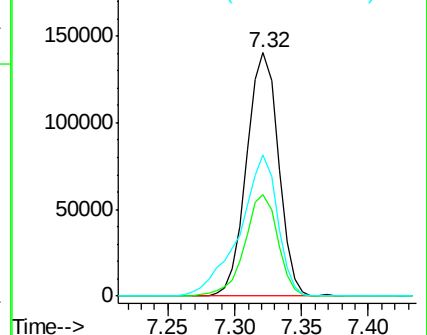
66 57.8 28.6 68.6



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

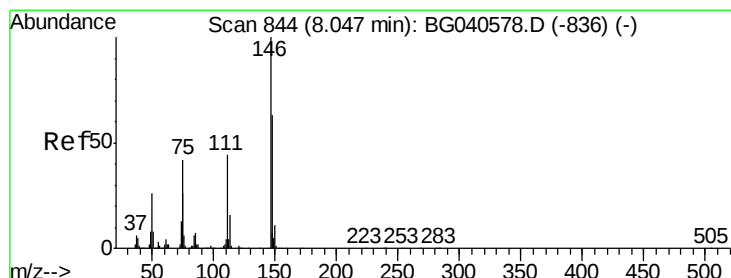
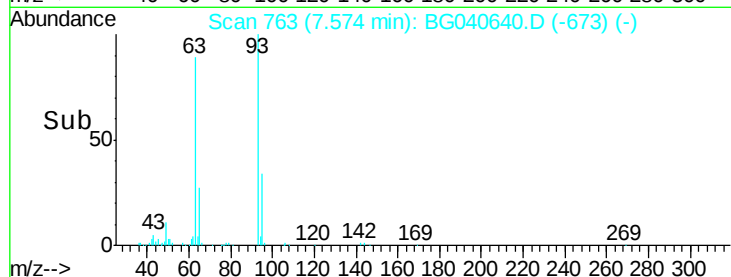
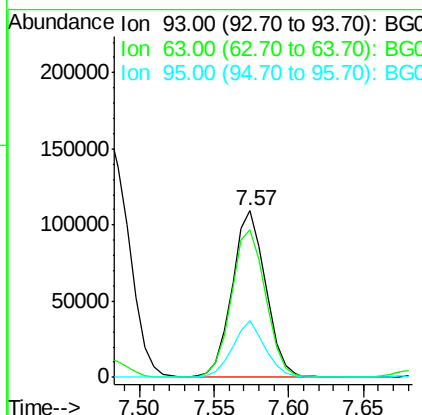
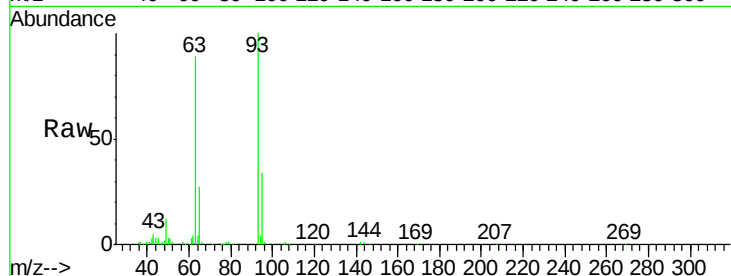




#11
bis(2-Chloroethyl)ether
Concen: 42.088 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.00 min
Lab File: BG040640.D
Acq: 26 Apr 2019 23:08

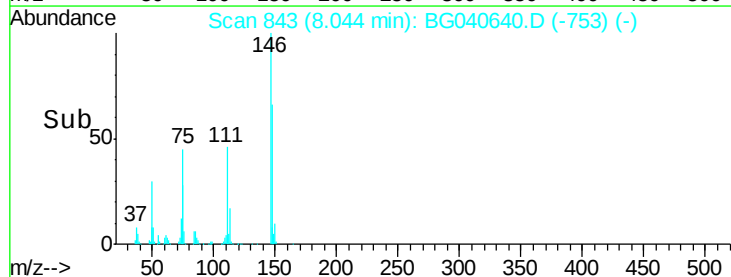
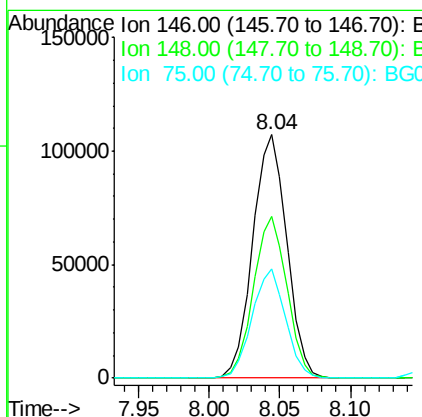
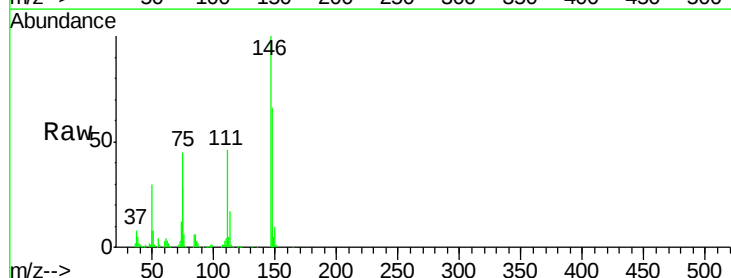
Instrument :
BNA_G
ClientSampled :

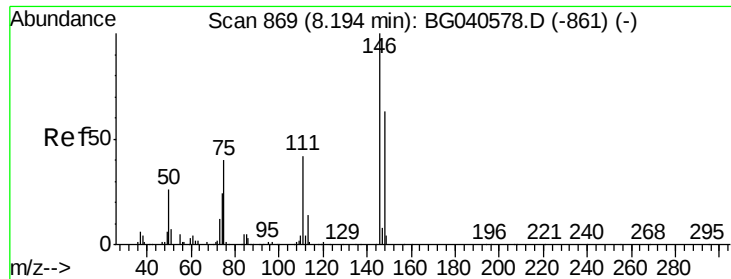
Tot Ion: 93 Resp: 172256
Ion Ratio Lower Upper
93 100
63 88.9 68.2 108.2
95 34.3 14.3 54.3



#12
1,3-Dichlorobenzene
Concen: 41.472 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG040640.D
Acq: 26 Apr 2019 23:08

Tgt Ion: 146 Resp: 182259
Ion Ratio Lower Upper
146 100
148 66.4 50.7 76.1
75 45.0 33.4 50.2

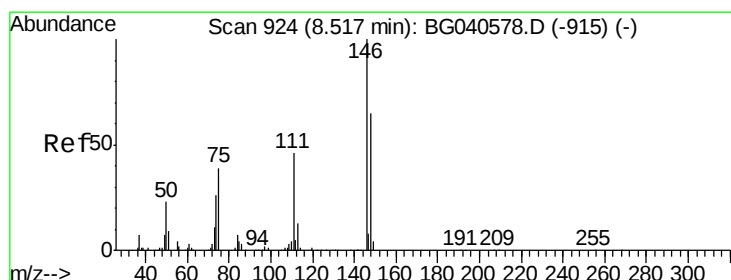
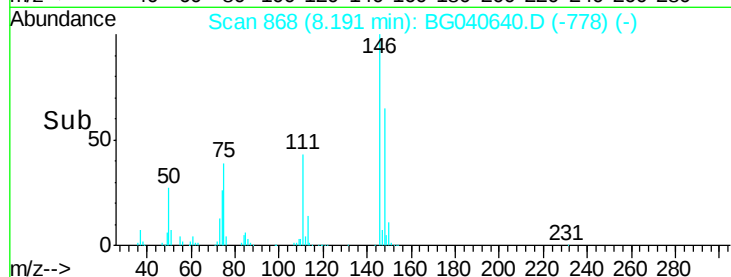
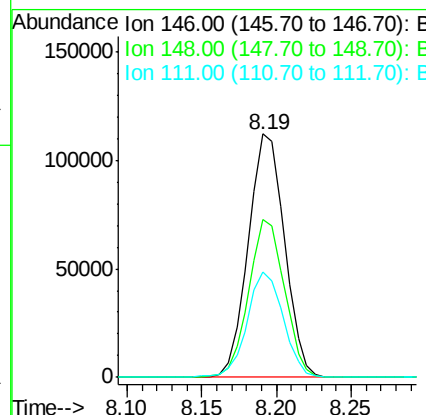
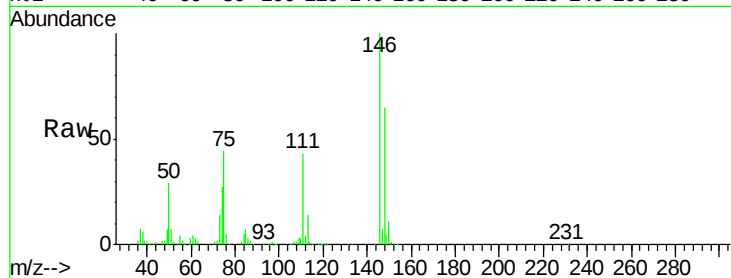




#13
 1,4-Dichlorobenzene
 Concen: 42.136 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BG040640.D
 Acq: 26 Apr 2019 23:08

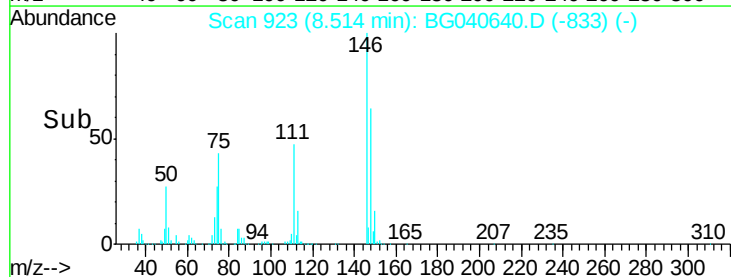
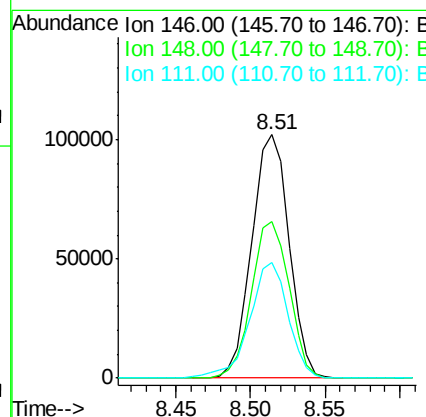
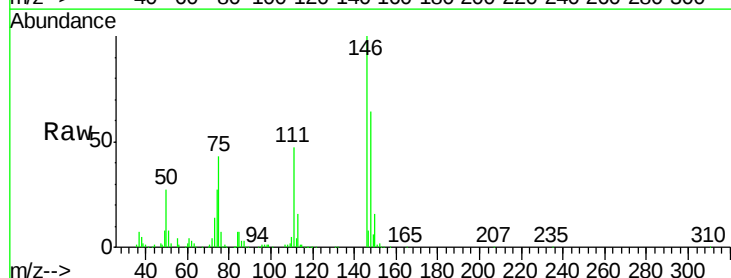
Instrument :
 BNA_G
 ClientSampleId :

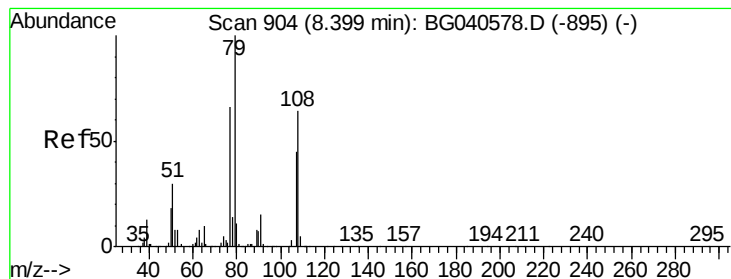
Tot Ion:146 Resp: 187723
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.6 75.8
 111 43.2 34.3 51.5



#14
 1,2-Dichlorobenzene
 Concen: 40.844 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: BG040640.D
 Acq: 26 Apr 2019 23:08

Tgt Ion:146 Resp: 175485
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.4
 111 47.3 37.4 56.0





#15

Benzyl Alcohol

Concen: 42.926 ng

RT: 8.40 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

Instrument :

BNA_G

ClientSampled :

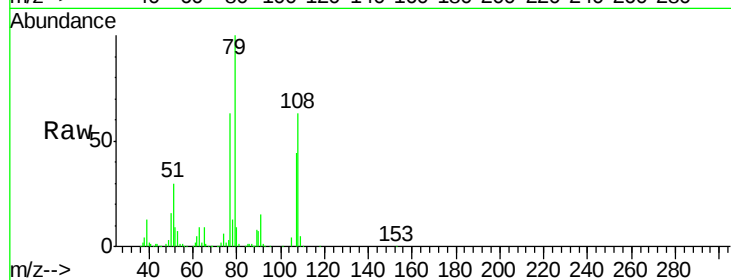
Tot Ion: 79 Resp: 226774

Ion Ratio Lower Upper

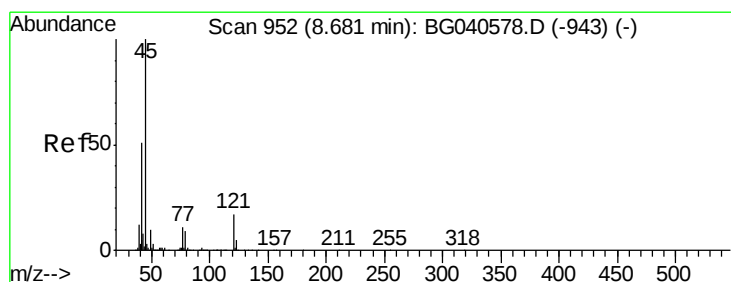
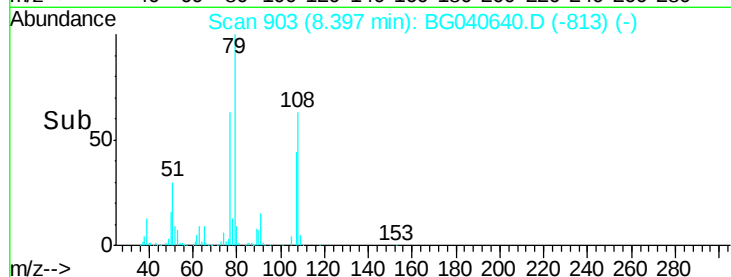
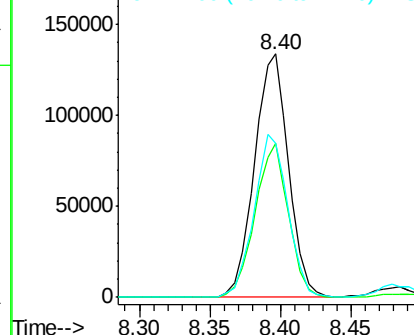
79 100

108 63.4 51.4 77.0

77 63.5 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: 41.702 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

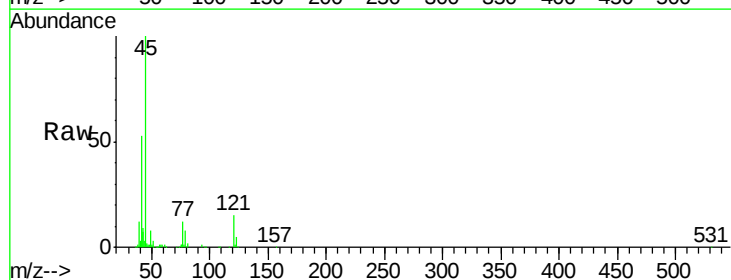
Tgt Ion: 45 Resp: 339801

Ion Ratio Lower Upper

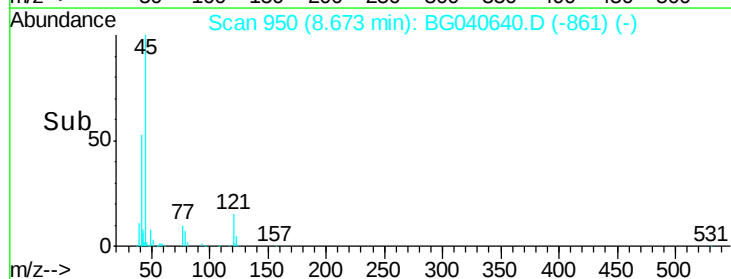
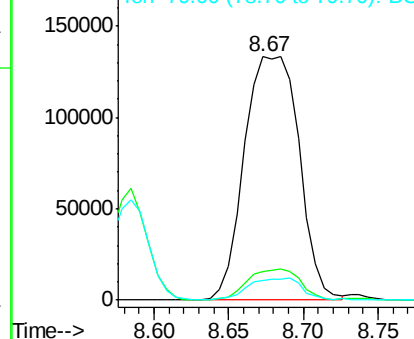
45 100

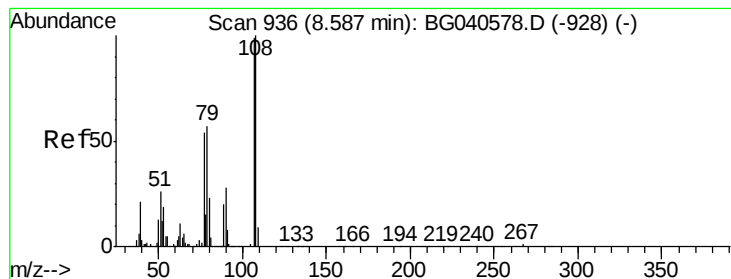
77 11.5 0.0 31.5

79 8.1 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

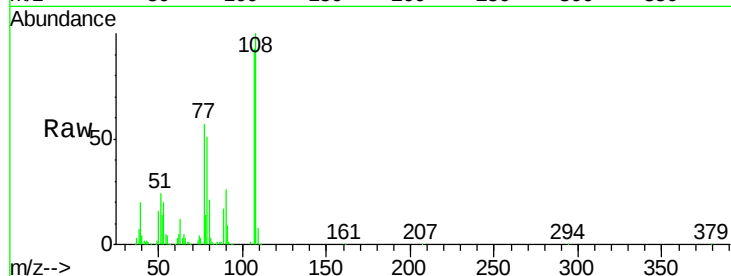




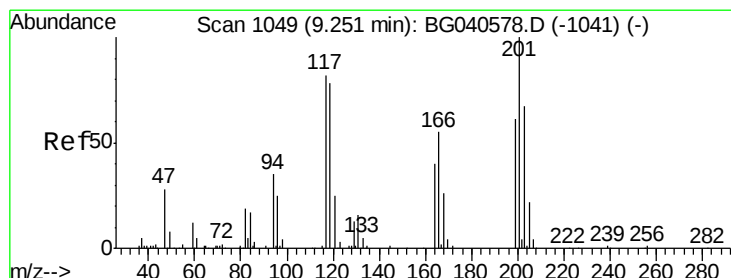
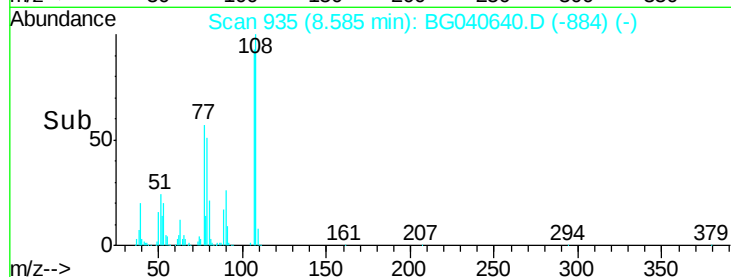
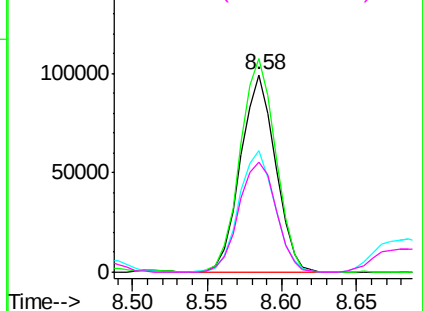
#17
2-Methylphenol
Concen: 41.813 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.00 min
Lab File: BG040640.D
Acq: 26 Apr 2019 23:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 161499
Ion Ratio Lower Upper
107 100
108 108.1 81.2 121.8
77 61.6 44.4 66.6
79 55.4 47.0 70.4

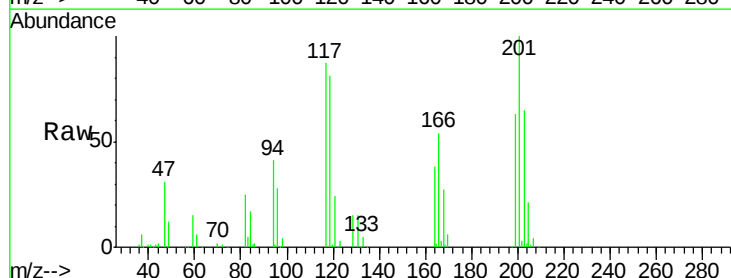


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

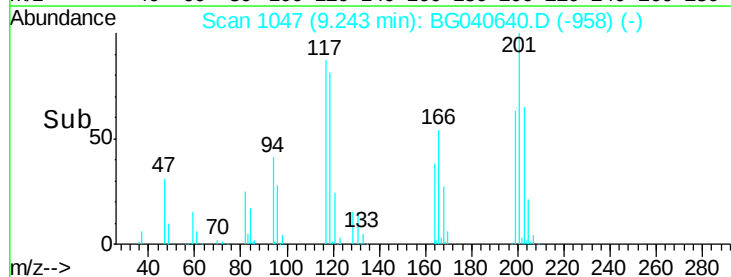
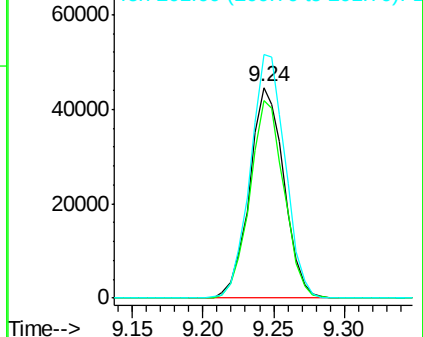


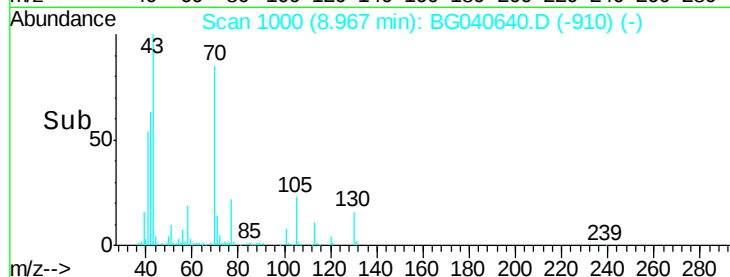
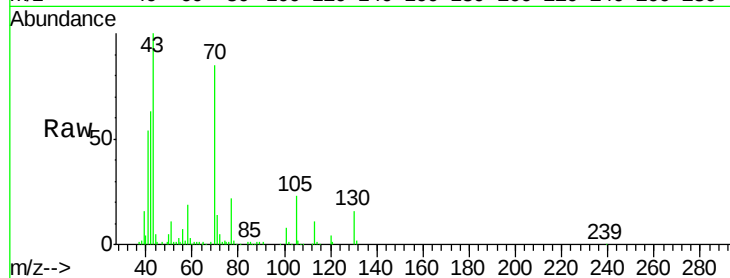
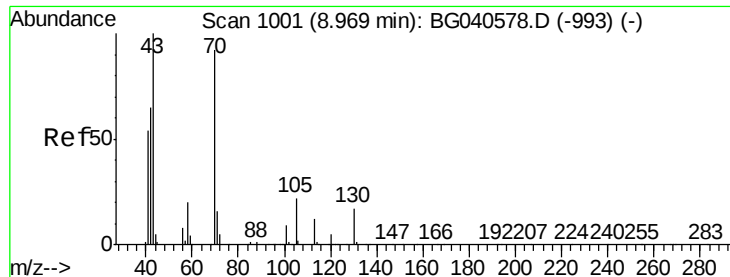
#18
Hexachloroethane
Concen: 41.613 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG040640.D
Acq: 26 Apr 2019 23:08

Tgt Ion:117 Resp: 76050
Ion Ratio Lower Upper
117 100
119 93.8 76.6 114.8
201 115.5 101.0 151.6



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

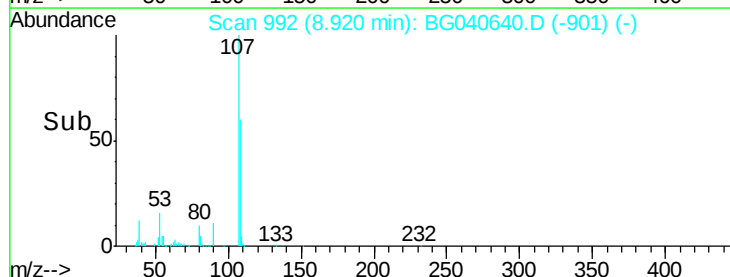
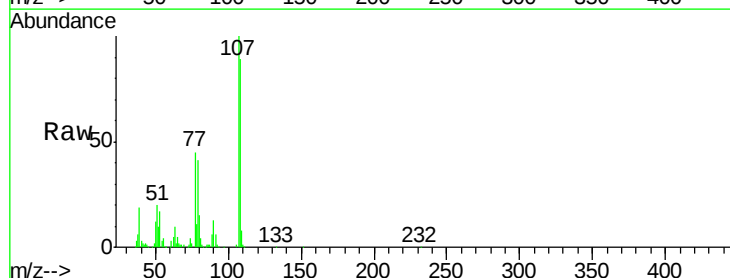
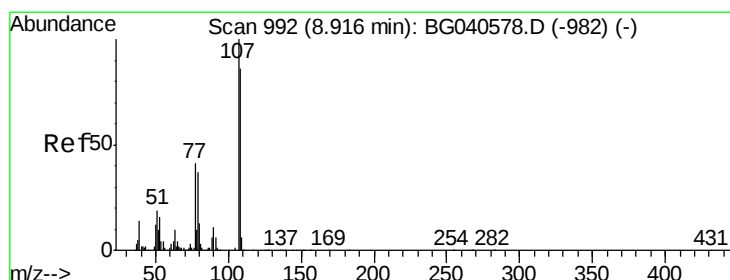
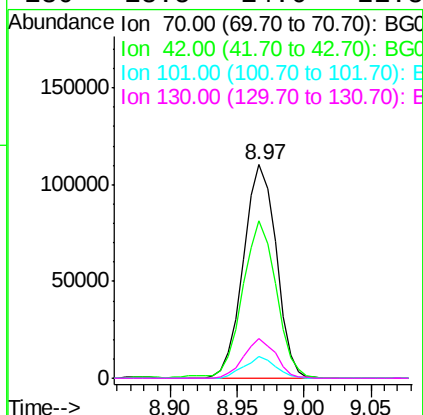




#19
n-Nitroso-di-n-propylamine
Concen: 41.175 ng
RT: 8.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG040640.D
Acq: 26 Apr 2019 23:08

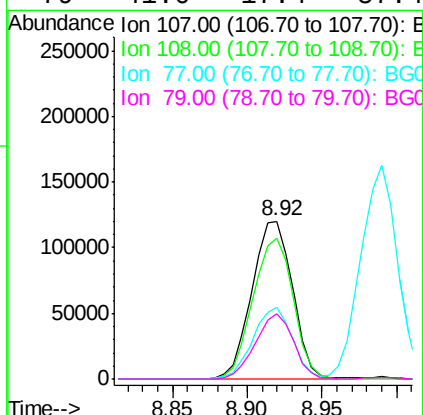
Instrument :
BNA_G
ClientSampleId :

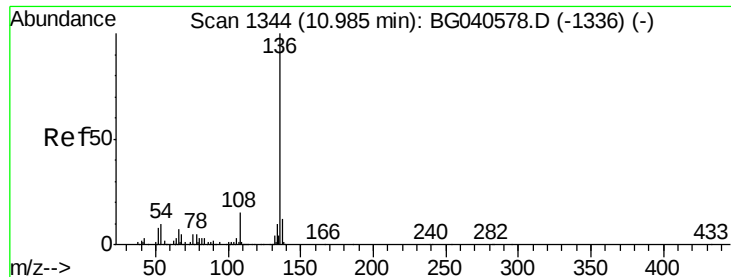
Tot Ion:	70	Resp:	188189
Ion	Ratio	Lower	Upper
70	100		
42	73.8	57.1	85.7
101	10.0	7.8	11.8
130	18.5	14.6	21.8



#20
3+4-Methylphenols
Concen: 42.004 ng
RT: 8.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BG040640.D
Acq: 26 Apr 2019 23:08

Tgt Ion:	107	Resp:	226012
Ion	Ratio	Lower	Upper
107	100		
108	88.7	66.1	106.1
77	45.2	21.6	61.6
79	41.0	17.4	57.4

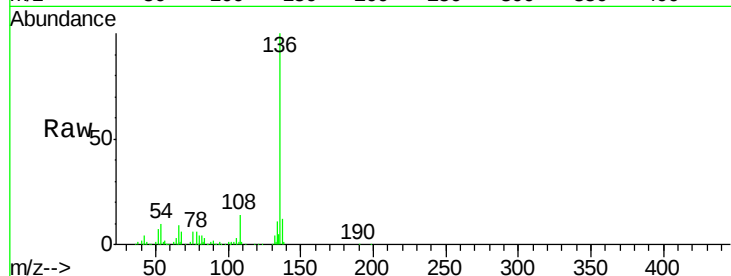




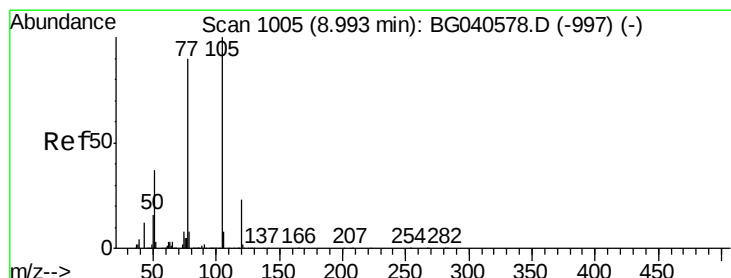
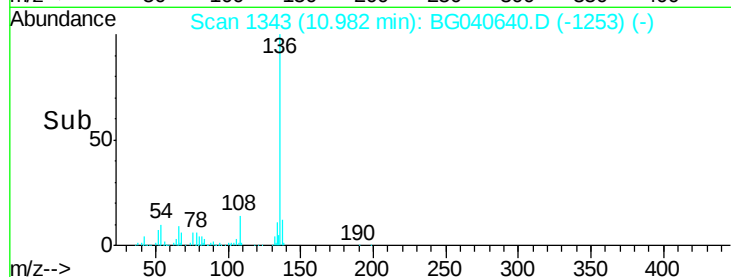
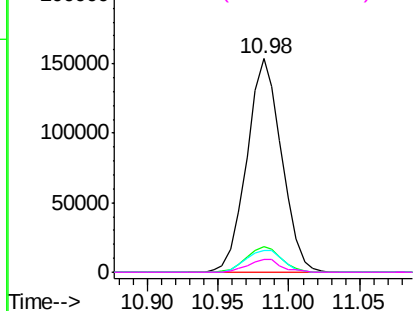
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG040640.D
Acq: 26 Apr 2019 23:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	264953	
Ion Ratio	Lower	Upper	
136 100			
137 12.0	9.7	14.5	
54 10.2	8.6	12.8	
68 5.9	4.8	7.2	

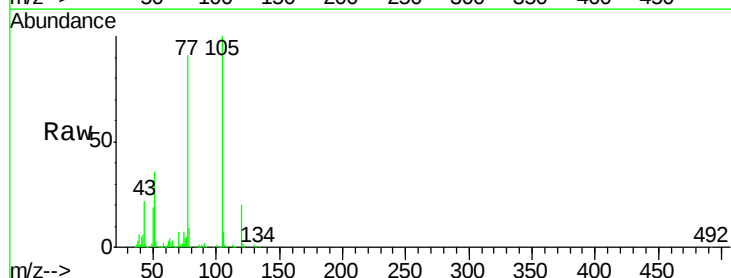


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

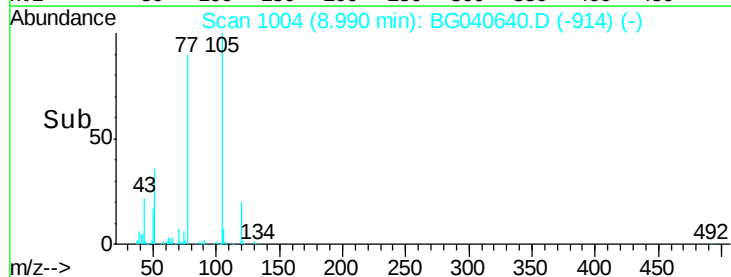
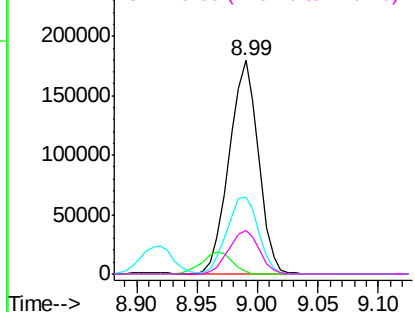


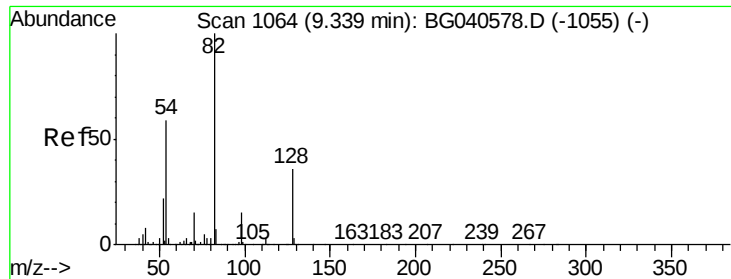
#22
Acetophenone
Concen: 41.173 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG040640.D
Acq: 26 Apr 2019 23:08

Tgt	Ion:105	Resp:	303351
Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.8	2.8#
51	36.1	29.8	44.8
120	20.5	18.4	27.6



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

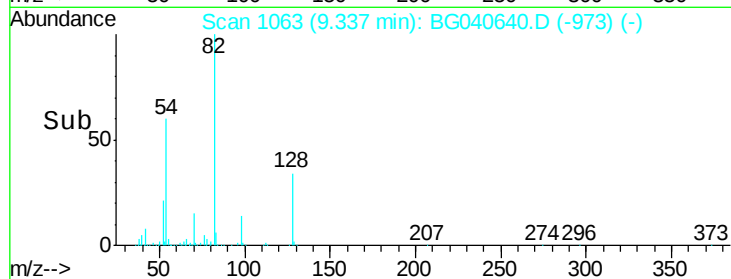
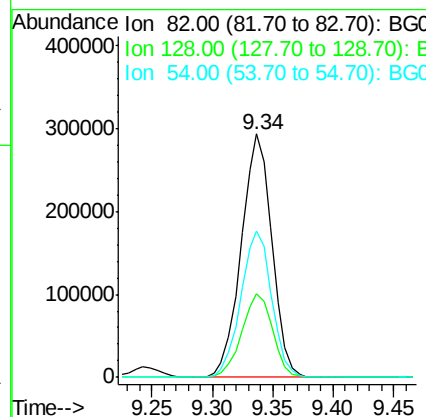
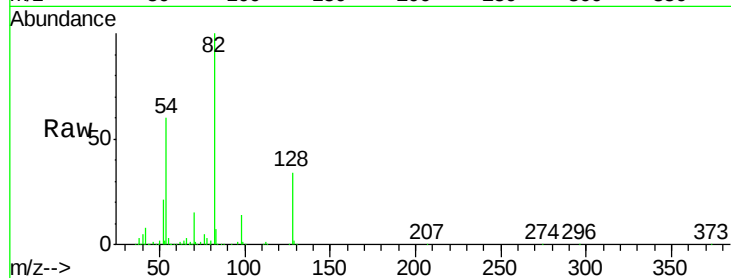




#23
 Nitrobenzene-d5
 Concen: 90.614 ng
 RT: 9.34 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BG040640.D
 Acq: 26 Apr 2019 23:08

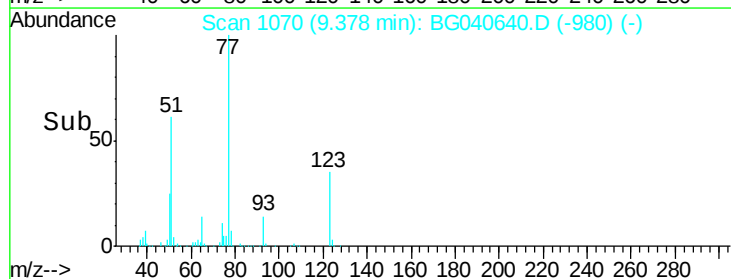
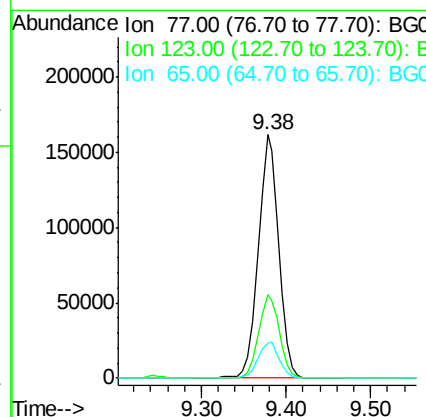
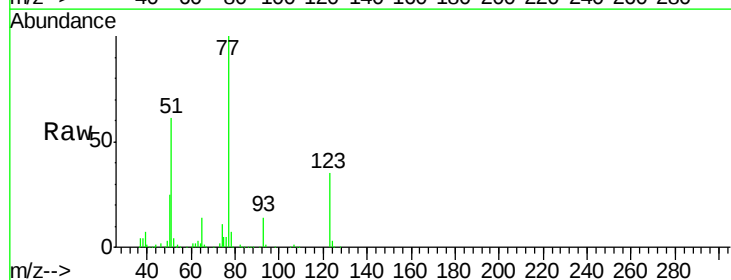
Instrument :
 BNA_G
 ClientSampleId :

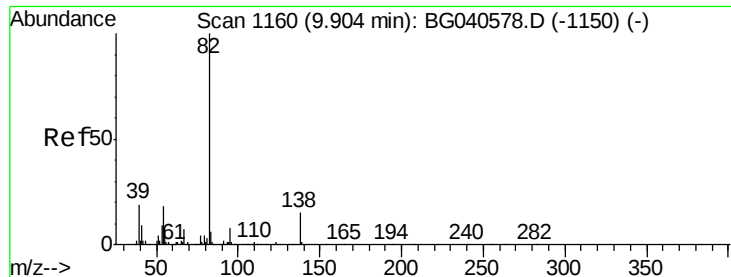
Tot Ion	82	Resp	519594
Ion Ratio	Lower	Upper	
82	100		
128	34.4	28.9	43.3
54	60.0	47.2	70.8



#24
 Nitrobenzene
 Concen: 44.833 ng
 RT: 9.38 min Scan# 1070
 Delta R.T. -0.00 min
 Lab File: BG040640.D
 Acq: 26 Apr 2019 23:08

Tgt Ion	77	Resp	274287
Ion Ratio	Lower	Upper	
77	100		
123	34.5	27.8	41.6
65	14.5	12.4	18.6





#25

Isophorone

Concen: 40.992 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

Instrument :

BNA_G

ClientSampleId :

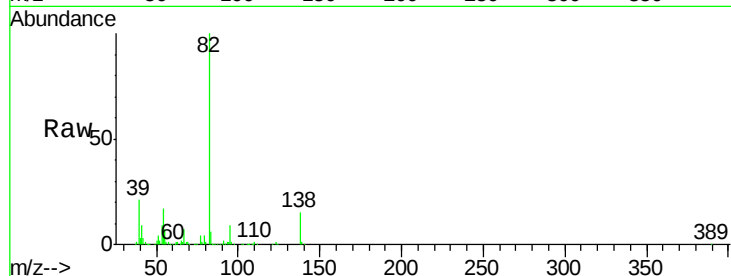
Tot Ion: 82 Resp: 523588

Ion Ratio Lower Upper

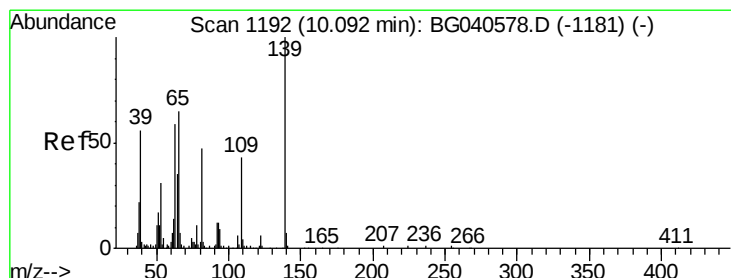
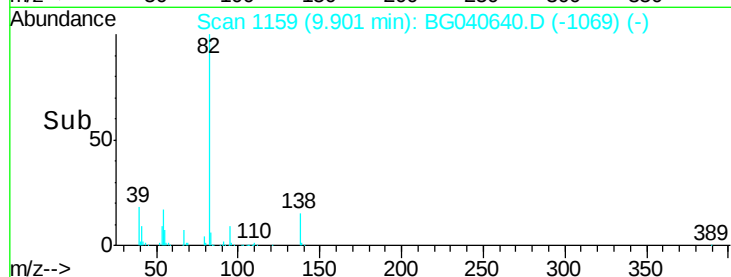
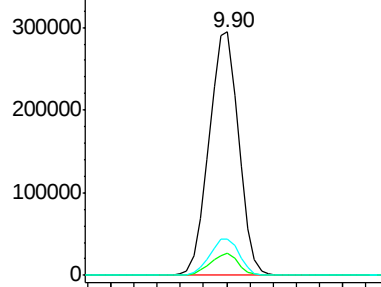
82 100

95 8.9 6.9 10.3

138 14.8 12.3 18.5



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



#26

2-Nitrophenol

Concen: 47.912 ng

RT: 10.09 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

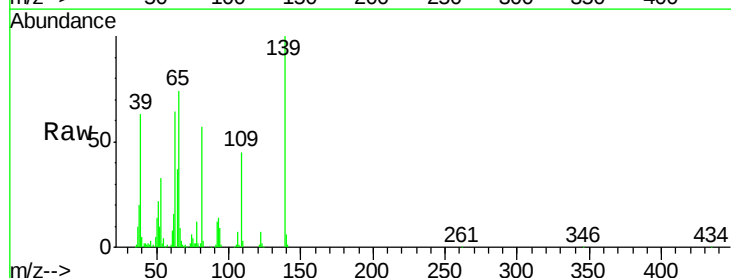
Tgt Ion: 139 Resp: 105074

Ion Ratio Lower Upper

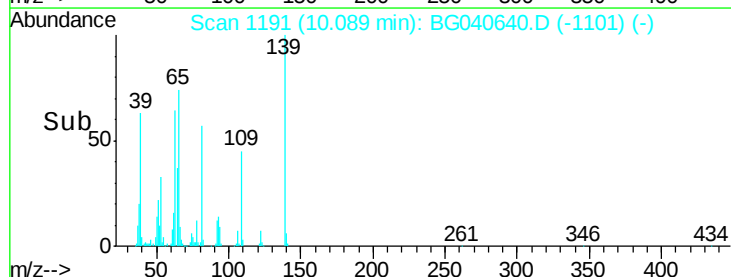
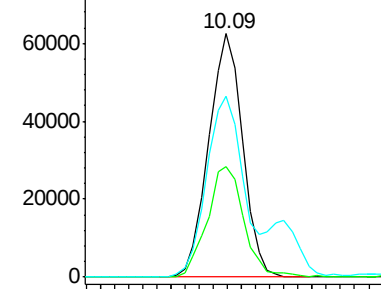
139 100

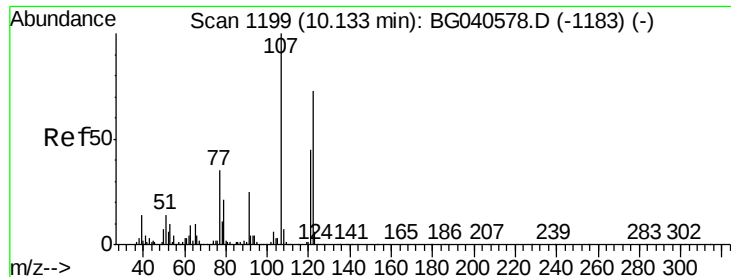
109 45.2 35.6 53.4

65 74.4 52.3 78.5



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

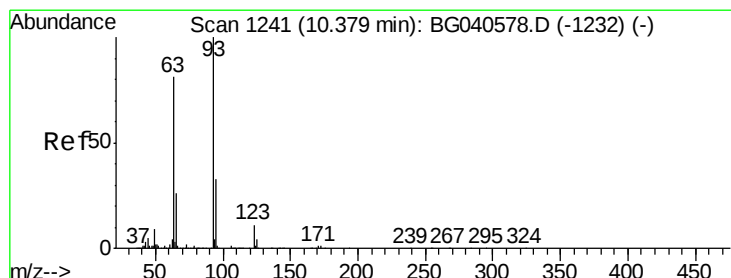
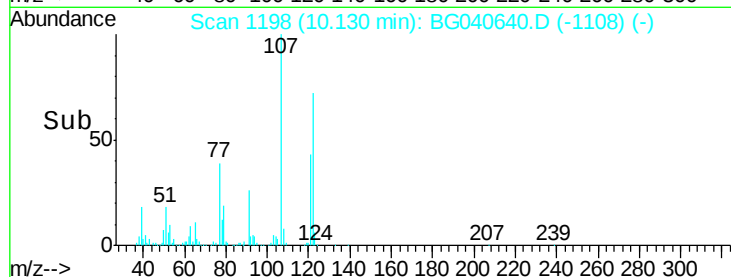
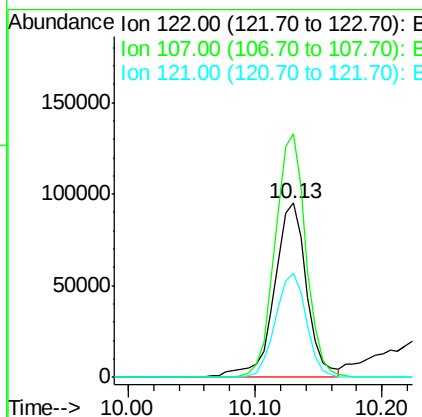
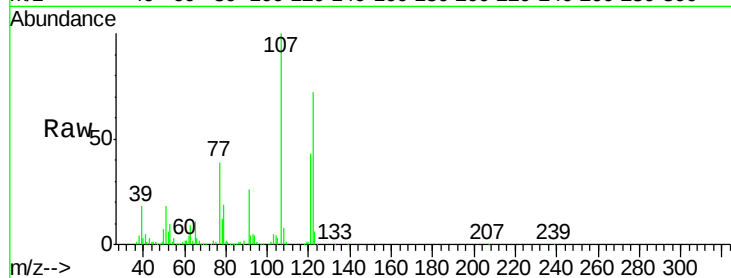




#27
 2,4-Dimethylphenol
 Concen: 40.957 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BG040640.D
 Acq: 26 Apr 2019 23:08

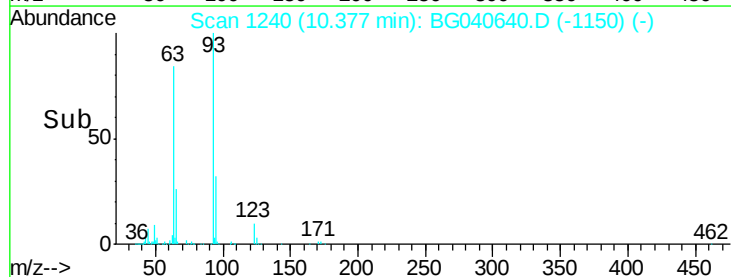
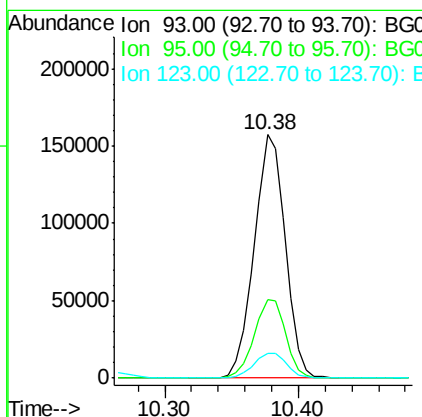
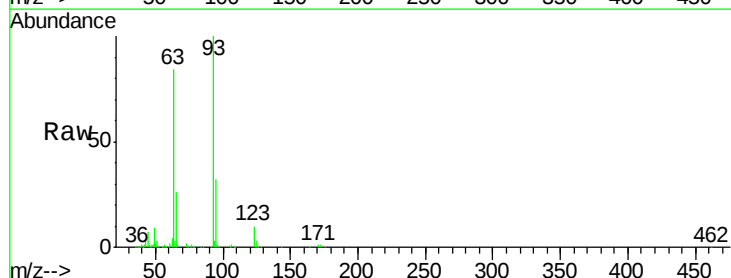
Instrument :
 BNA_G
 ClientSampleId :

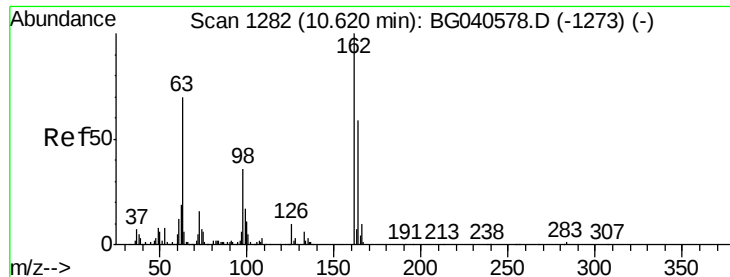
Tot Ion	Ratio	Lower	Upper
122	100		
107	139.9	110.1	165.1
121	60.0	49.4	74.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.331 ng
 RT: 10.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BG040640.D
 Acq: 26 Apr 2019 23:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.6	40.0
123	10.0	9.0	13.4

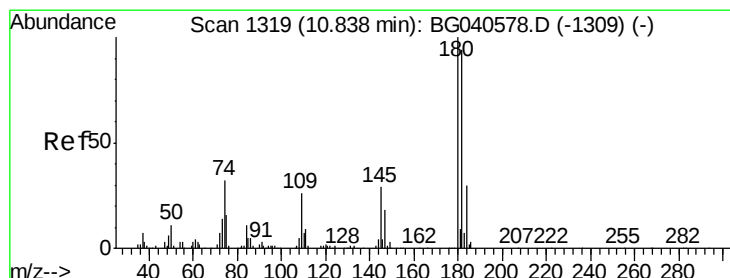
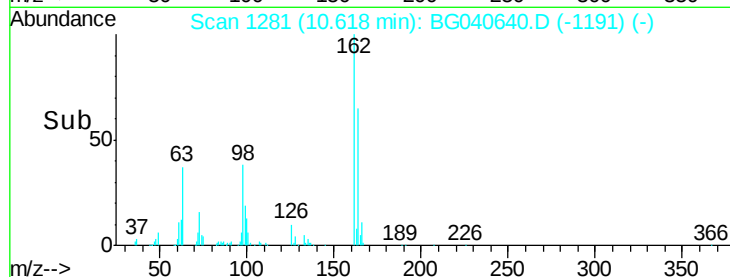
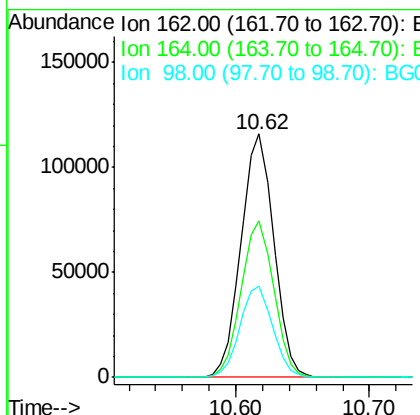
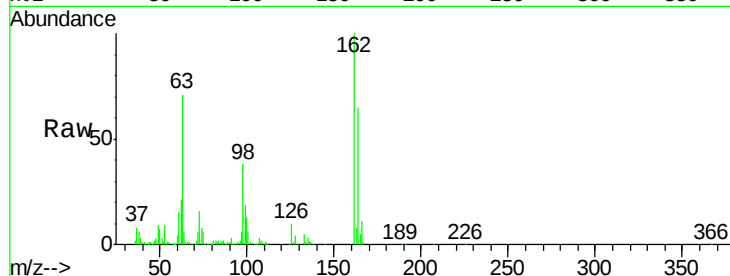




#29
2,4-Dichlorophenol
Concen: 42.222 ng
RT: 10.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BG040640.D
Acq: 26 Apr 2019 23:08

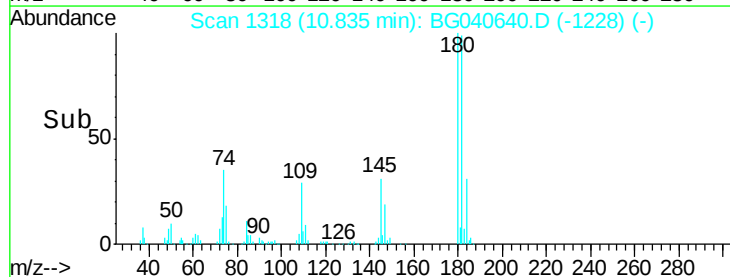
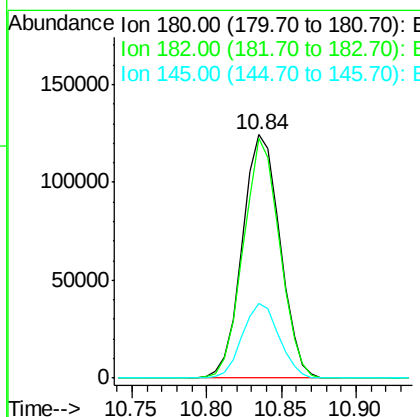
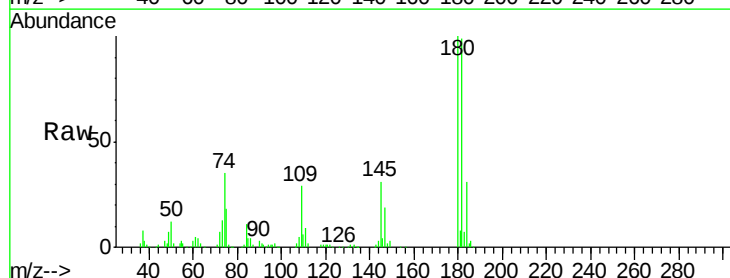
Instrument :
BNA_G
ClientSampleId :

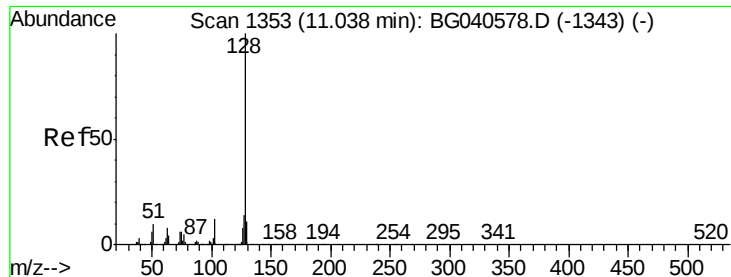
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	38.9	78.9
98	37.6	16.8	56.8



#30
1,2,4-Trichlorobenzene
Concen: 41.734 ng
RT: 10.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG040640.D
Acq: 26 Apr 2019 23:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	75.2	112.8
145	30.7	23.6	35.4

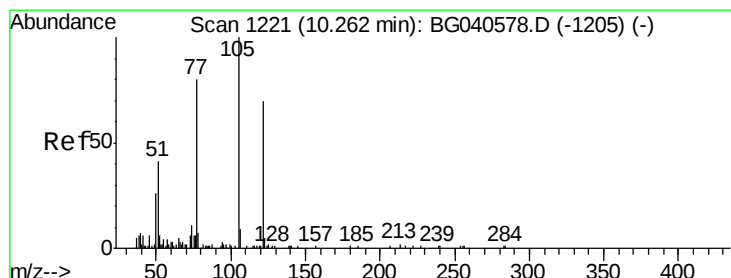
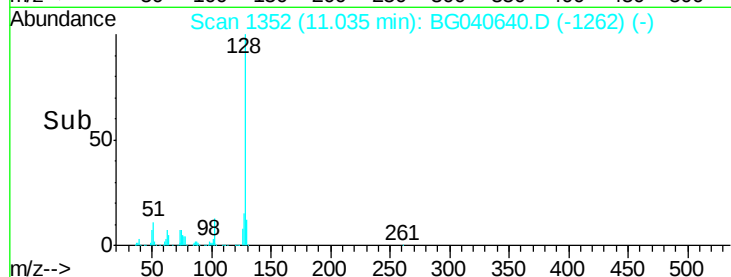
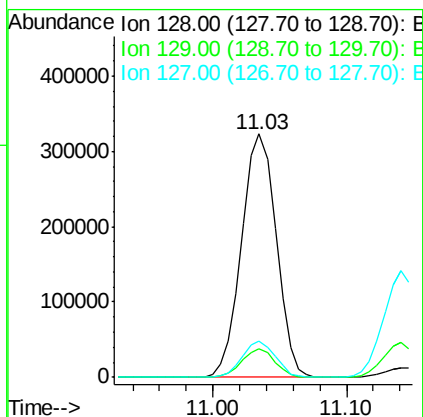
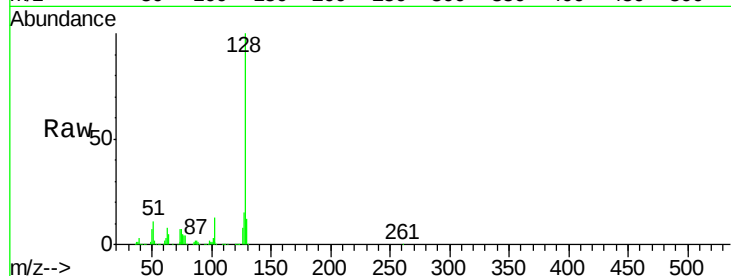




#31
Naphthalene
Concen: 41.372 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BG040640.D
Acq: 26 Apr 2019 23:08

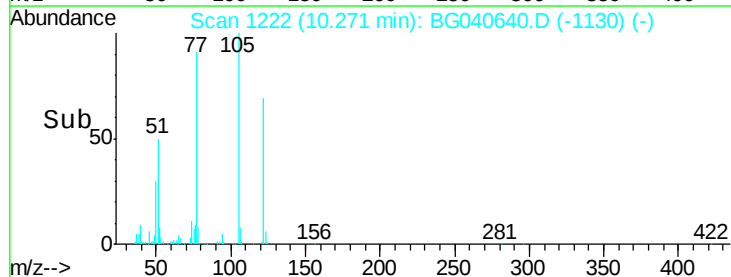
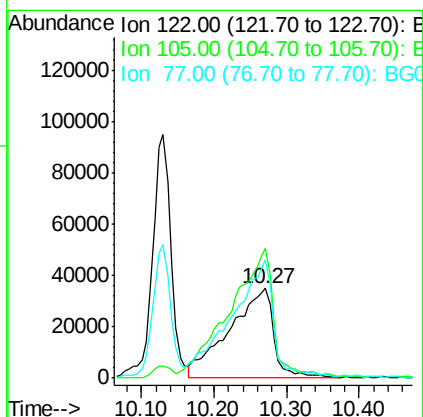
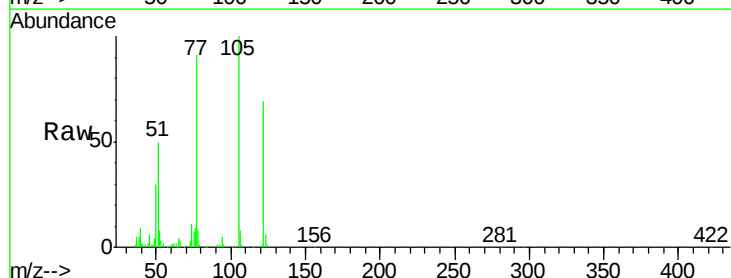
Instrument :
BNA_G
ClientSampleId :

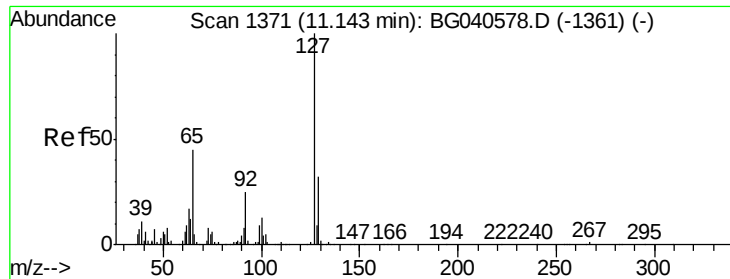
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	14.8	11.3	16.9



#32
Benzoic acid
Concen: 53.066 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BG040640.D
Acq: 26 Apr 2019 23:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	145.0	110.9	150.9
77	131.4	87.6	127.6#

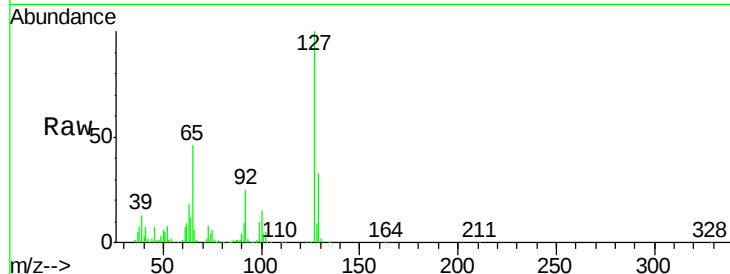




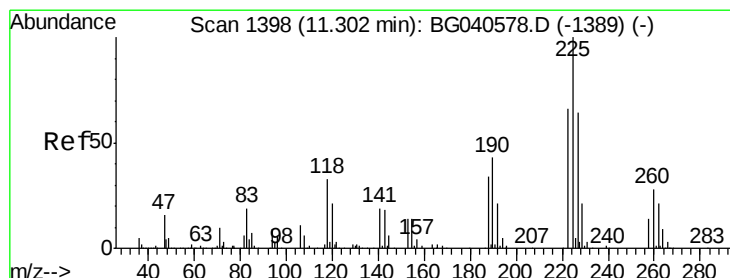
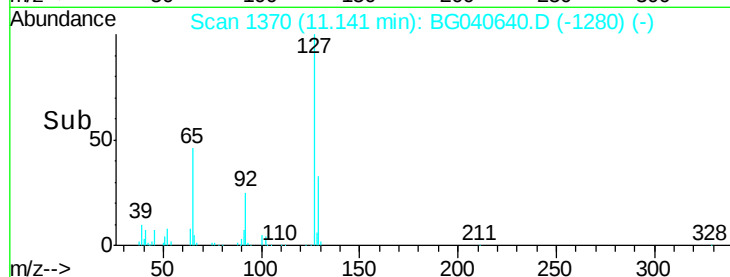
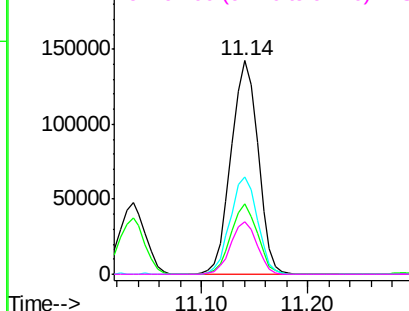
#33
4-Chloroaniline
Concen: 40.025 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG040640.D
Acq: 26 Apr 2019 23:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	249796
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.7	38.5
65	45.5	36.1	54.1
92	24.7	20.1	30.1

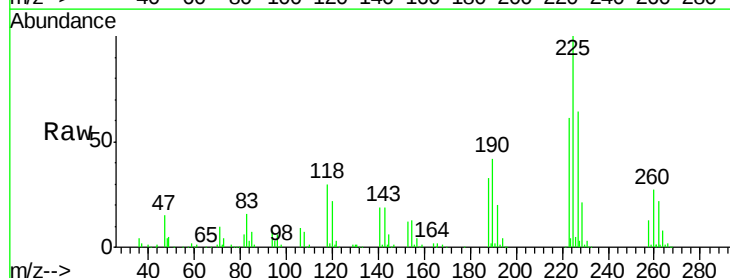


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

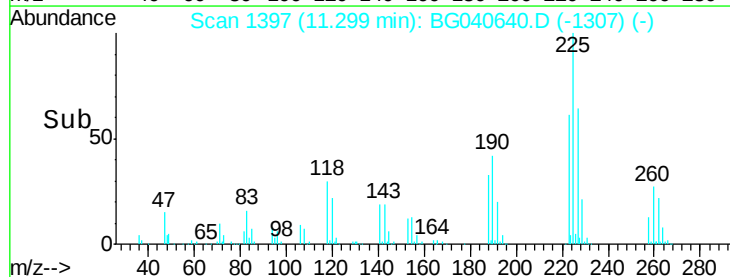
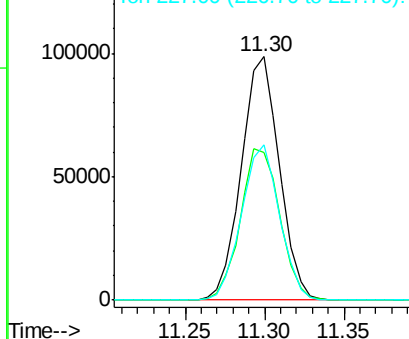


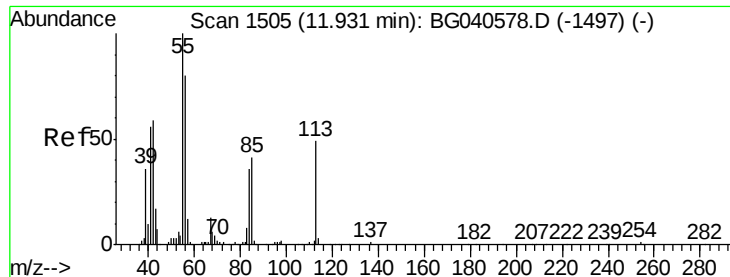
#34
Hexachlorobutadiene
Concen: 42.846 ng
RT: 11.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BG040640.D
Acq: 26 Apr 2019 23:08

Tgt Ion:	225	Resp:	164090
Ion	Ratio	Lower	Upper
225	100		
223	60.8	50.4	75.6
227	66.7	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: 40.200 ng

RT: 11.94 min Scan# 1506

Delta R.T. 0.01 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

Instrument :

BNA_G

ClientSampled :

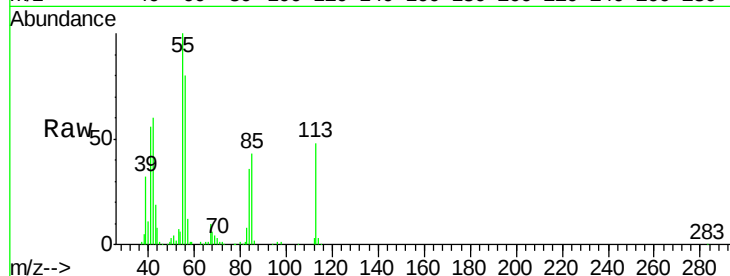
Tot Ion:113 Resp: 74245

Ion Ratio Lower Upper

113 100

55 209.7 198.6 238.6

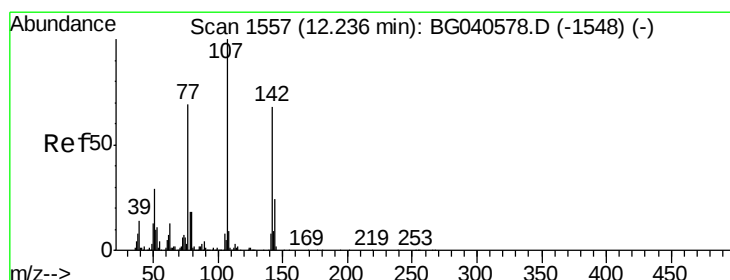
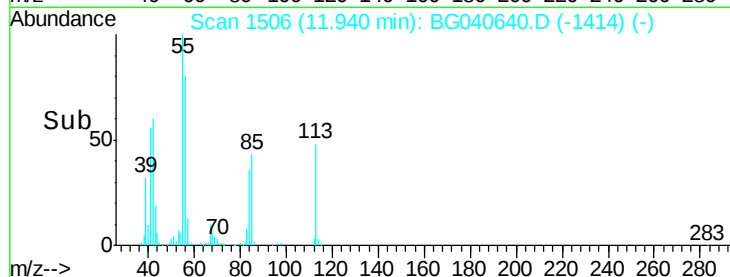
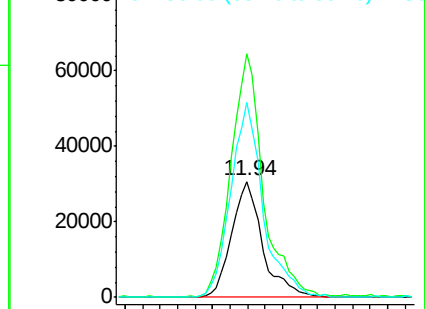
56 167.7 148.4 188.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.548 ng

RT: 12.24 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

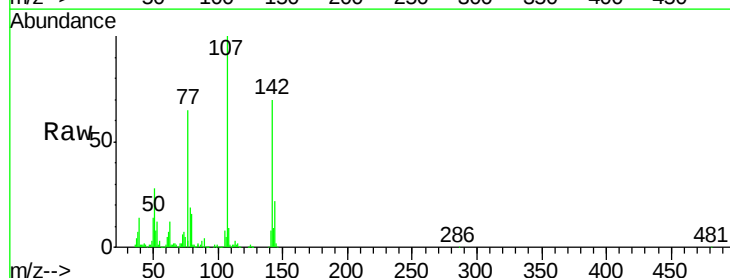
Tgt Ion:107 Resp: 251089

Ion Ratio Lower Upper

107 100

144 22.5 19.3 28.9

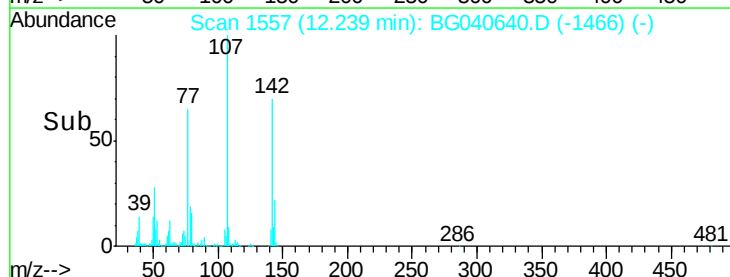
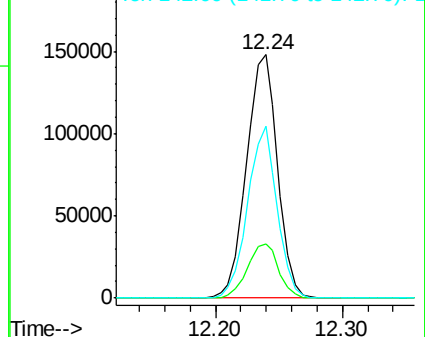
142 70.4 54.6 81.8

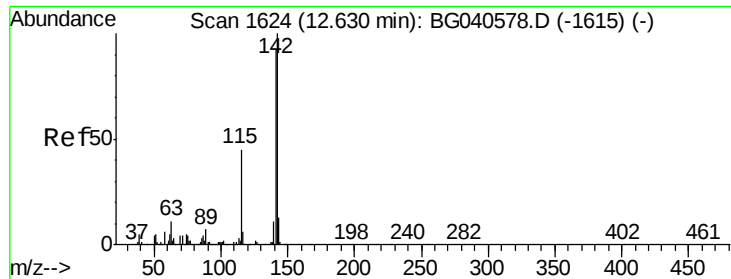


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.027 ng

RT: 12.63 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

Instrument :

BNA_G

ClientSampleId :

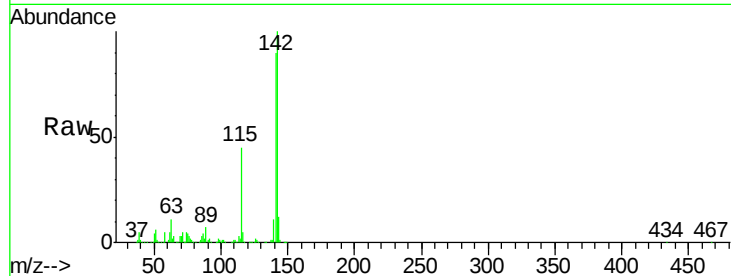
Tot Ion:142 Resp: 442306

Ion Ratio Lower Upper

142 100

141 90.4 73.4 110.2

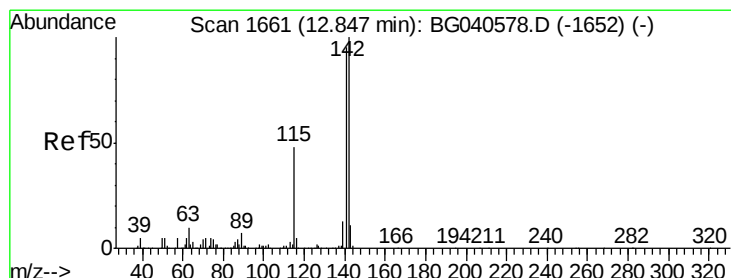
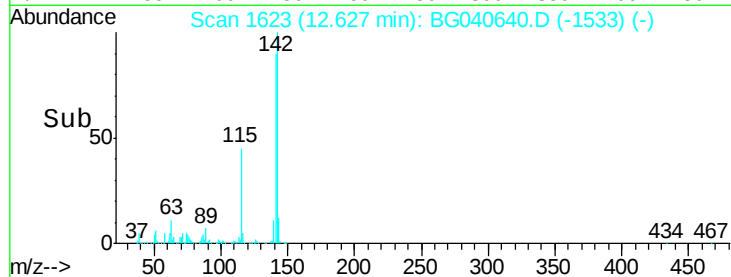
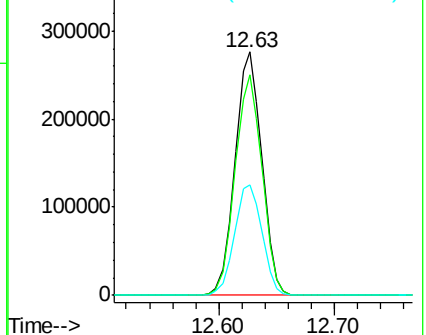
115 45.3 36.2 54.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.605 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

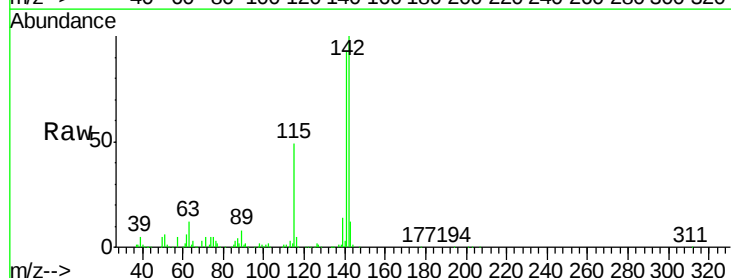
Tgt Ion:142 Resp: 427987

Ion Ratio Lower Upper

142 100

141 93.2 75.9 113.9

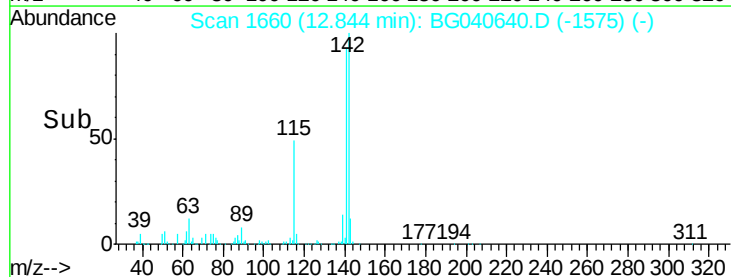
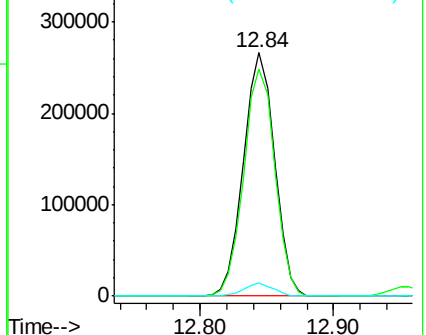
116 5.4 4.2 6.4

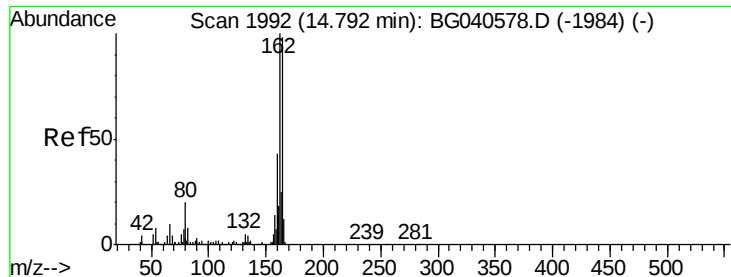


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

Instrument :

BNA_G

ClientSampleId :

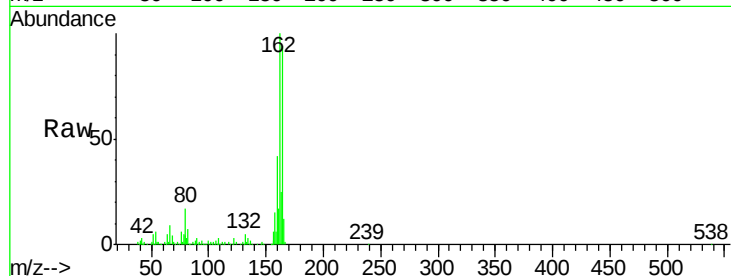
Tot Ion:164 Resp: 188100

Ion Ratio Lower Upper

164 100

162 105.9 81.9 122.9

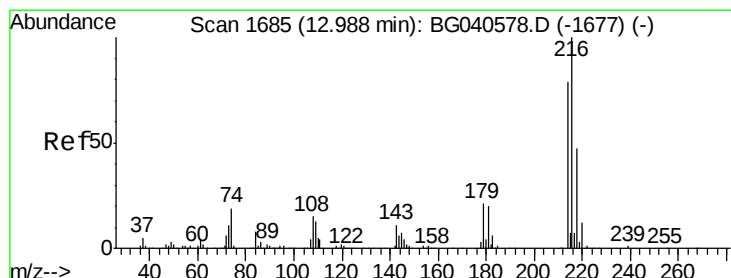
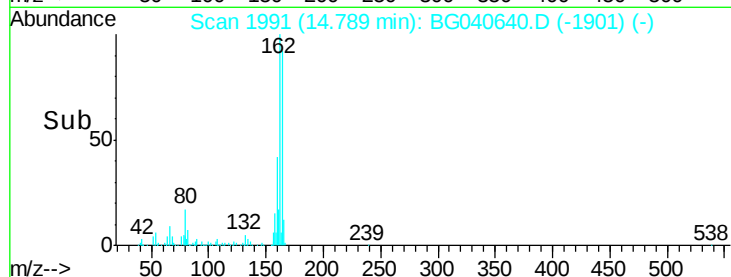
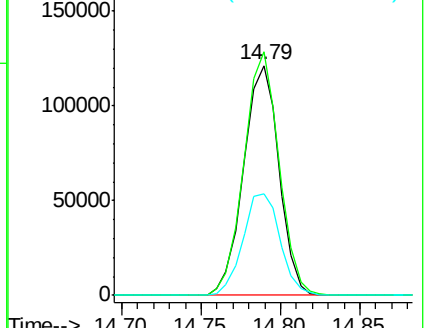
160 44.3 35.4 53.2



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: 42.533 ng

RT: 12.99 min Scan# 1684

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

Tgt Ion:216 Resp: 298040

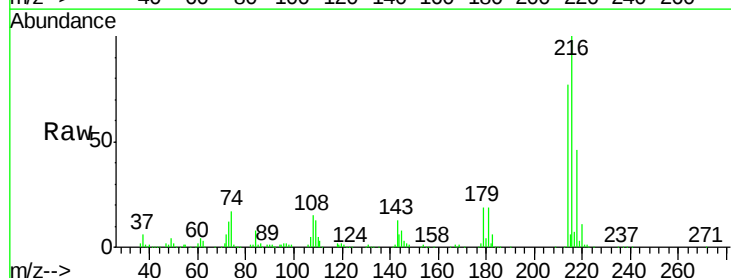
Ion Ratio Lower Upper

216 100

214 79.5 63.7 95.5

179 20.3 16.6 24.8

108 17.9 14.7 22.1

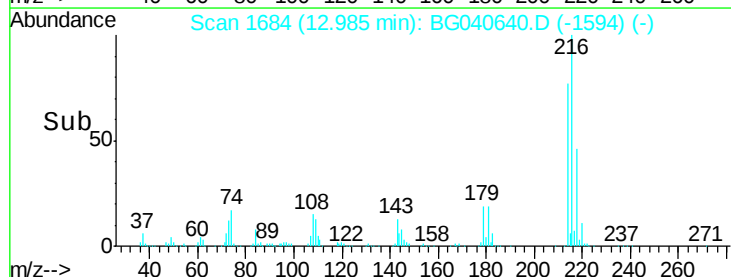
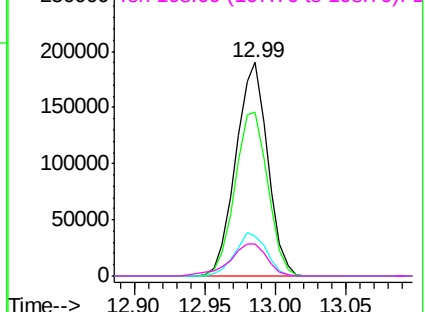


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.129 ng

RT: 12.96 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

Instrument :

BNA_G

ClientSampled :

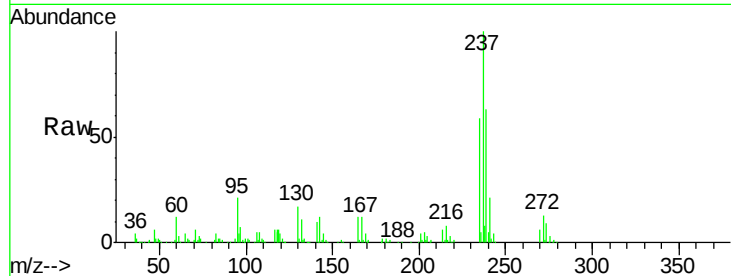
Tot Ion:237 Resp: 153522

Ion Ratio Lower Upper

237 100

235 59.2 42.5 82.5

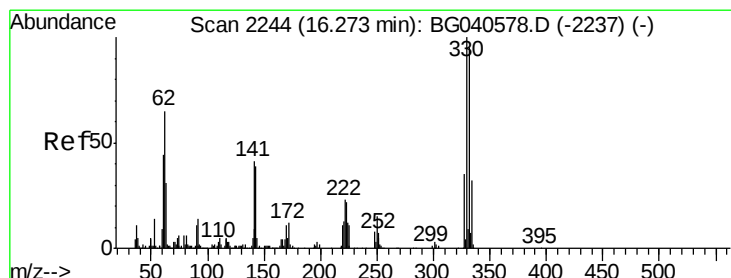
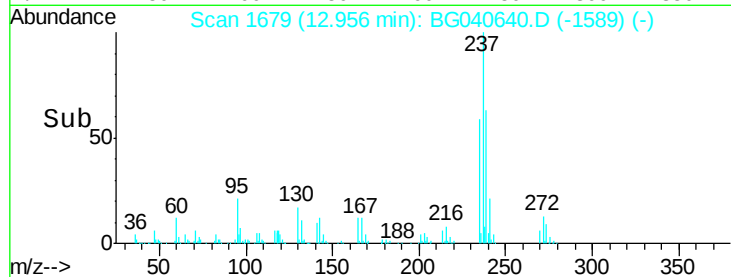
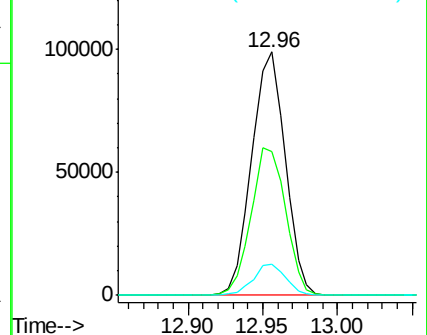
272 12.6 0.0 31.6



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: 87.836 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

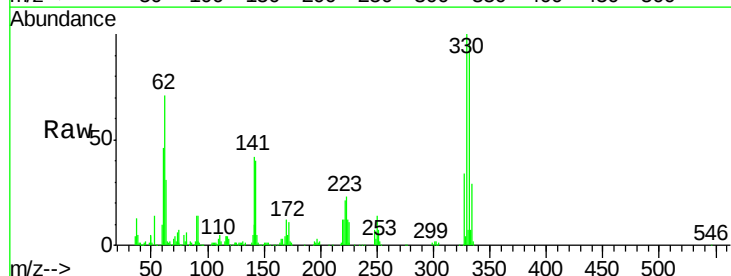
Tgt Ion:330 Resp: 227099

Ion Ratio Lower Upper

330 100

332 94.3 75.9 113.9

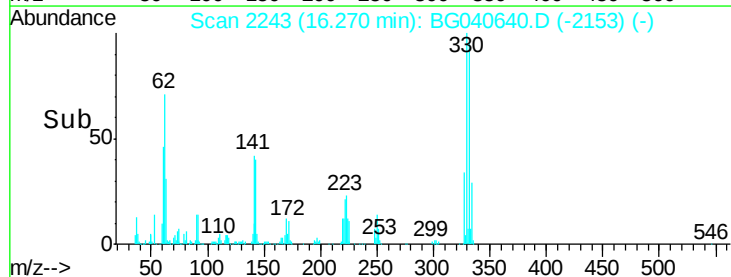
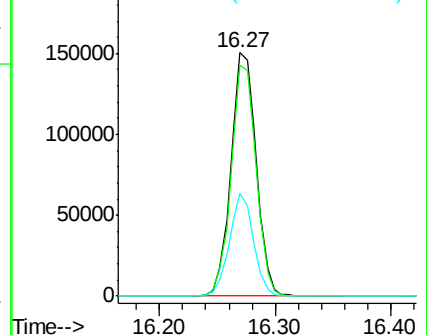
141 39.8 32.4 48.6



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

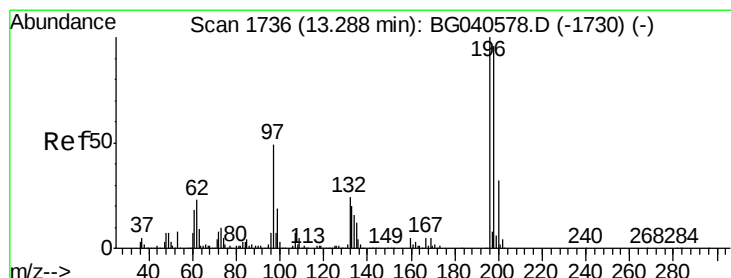
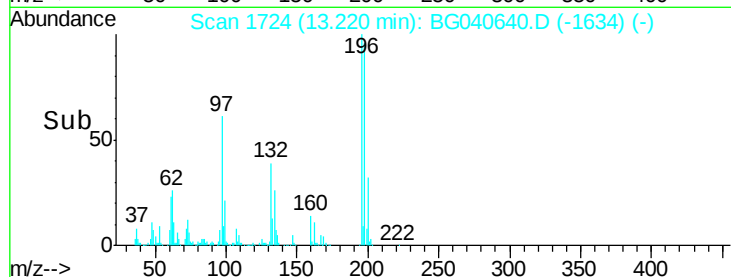
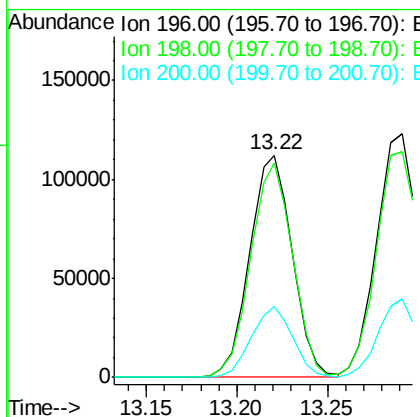
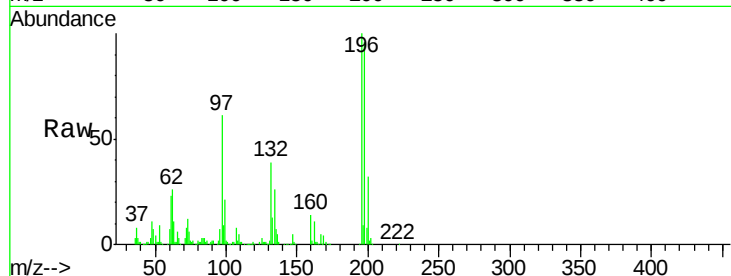




#43
 2,4,6-Trichlorophenol
 Concen: 43.074 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG040640.D
 Acq: 26 Apr 2019 23:08

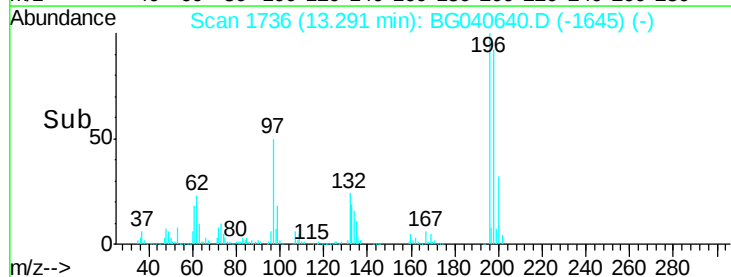
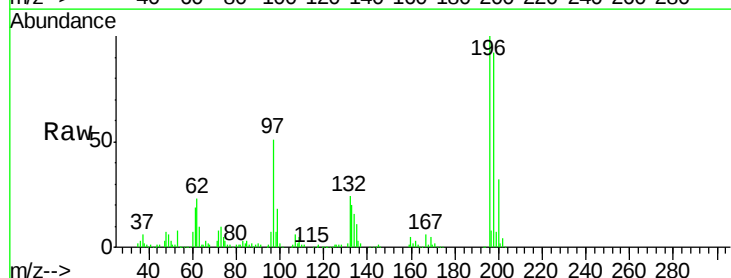
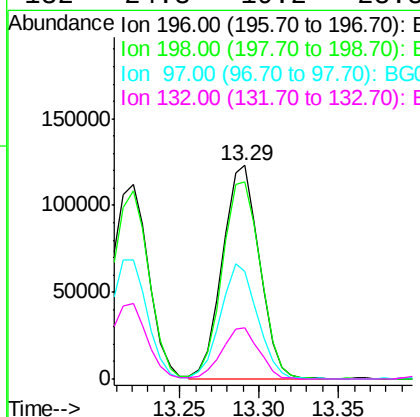
Instrument :
 BNA_G
 ClientSampleId :

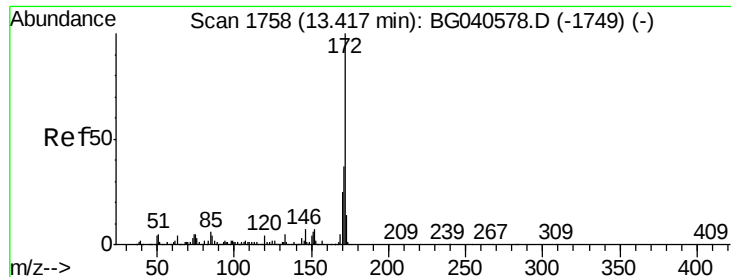
Tot Ion	196	Resp	182398
Ion Ratio	Lower	Upper	
196	100		
198	96.4	74.8	112.2
200	32.1	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 42.935 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG040640.D
 Acq: 26 Apr 2019 23:08

Tgt Ion	196	Resp	198052
Ion Ratio	Lower	Upper	
196	100		
198	92.4	77.0	115.6
97	50.6	40.0	60.0
132	24.3	19.2	28.8

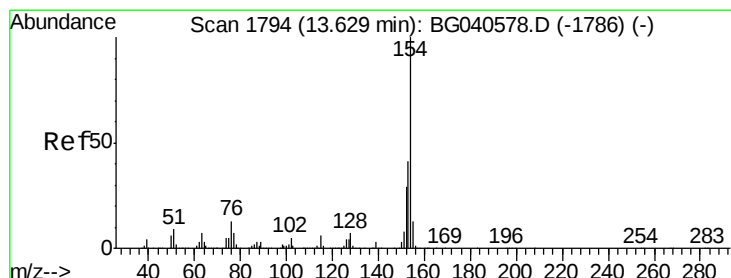
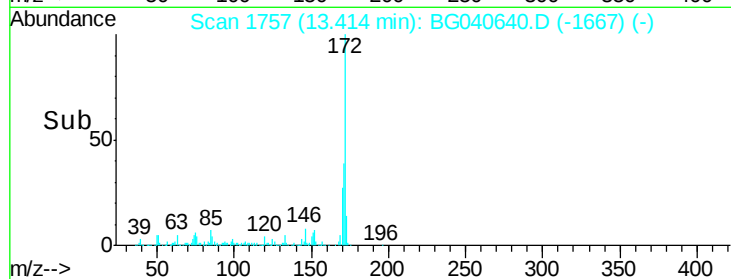
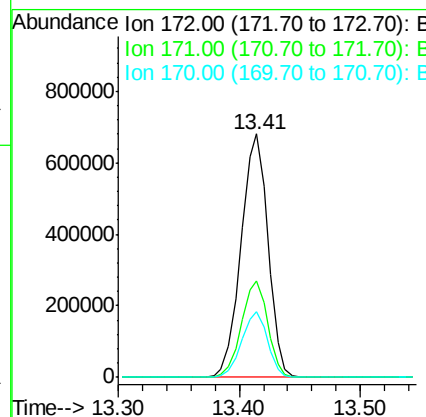
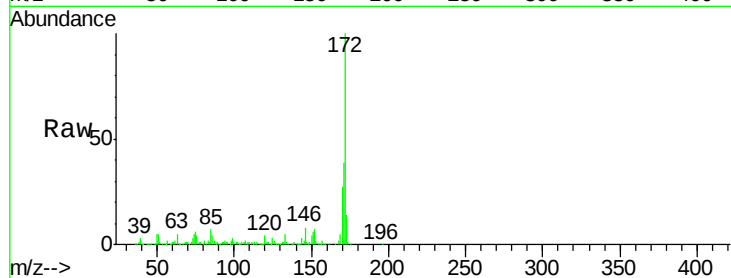




#45
2-Fluorobiphenyl
Concen: 81.221 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BG040640.D
Acq: 26 Apr 2019 23:08

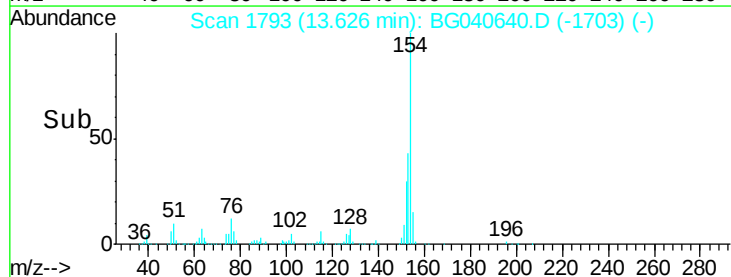
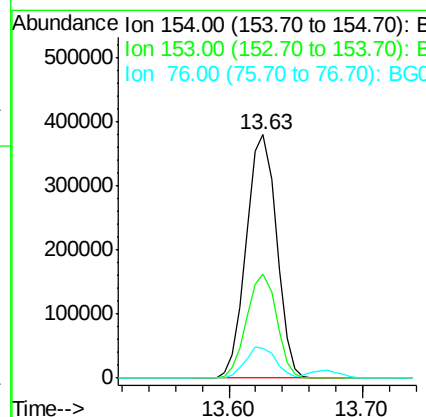
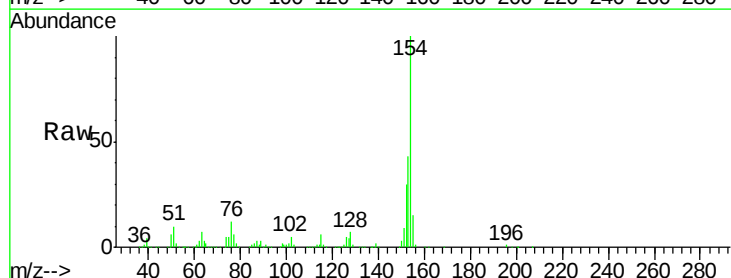
Instrument :
BNA_G
ClientSampleId :

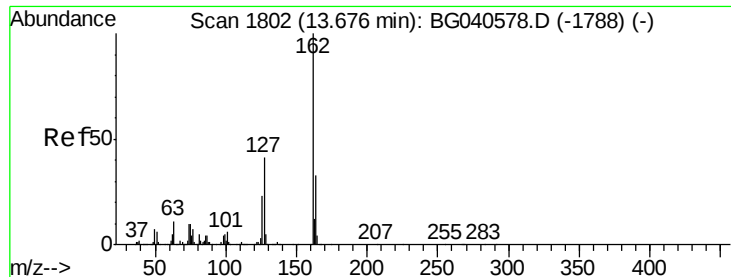
Tot Ion:172 Resp: 1057861
Ion Ratio Lower Upper
172 100
171 39.4 29.4 44.2
170 26.7 19.9 29.9



#46
1,1'-Biphenyl
Concen: 40.693 ng
RT: 13.63 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BG040640.D
Acq: 26 Apr 2019 23:08

Tgt Ion:154 Resp: 594285
Ion Ratio Lower Upper
154 100
153 43.0 20.5 60.5
76 12.2 0.0 32.5





#47

2-Chloronaphthalene

Concen: 40.915 ng

RT: 13.67 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

Instrument :

BNA_G

ClientSampleId :

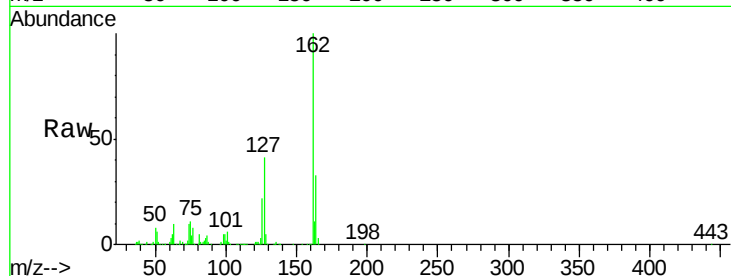
Tot Ion:162 Resp: 467623

Ion Ratio Lower Upper

162 100

127 41.4 33.0 49.4

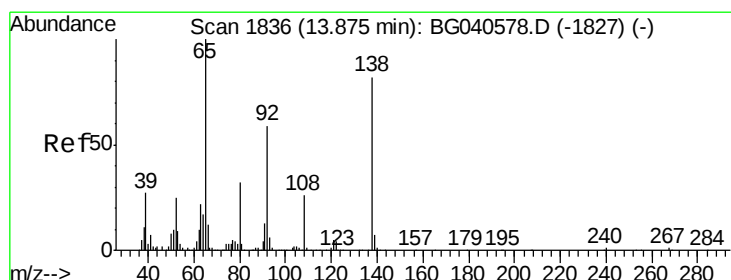
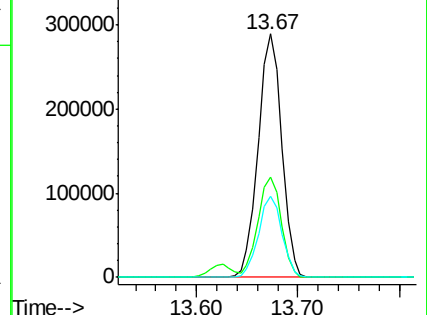
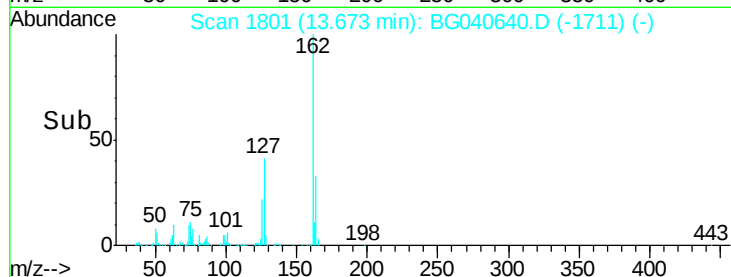
164 33.1 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 49.171 ng

RT: 13.87 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

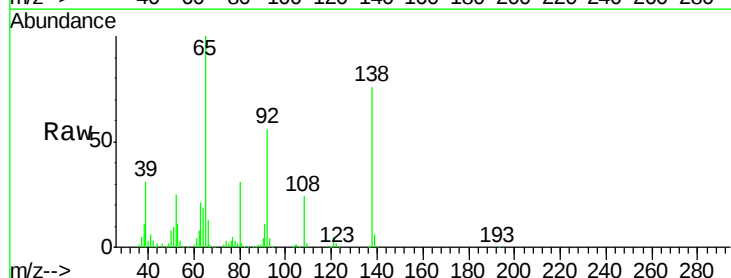
Tgt Ion: 65 Resp: 200044

Ion Ratio Lower Upper

65 100

92 56.4 47.4 71.0

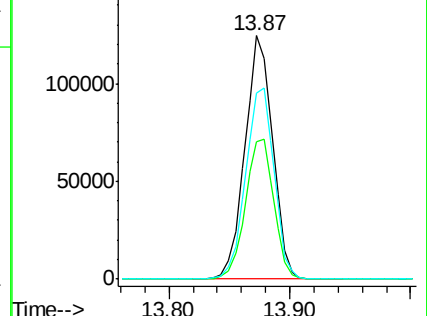
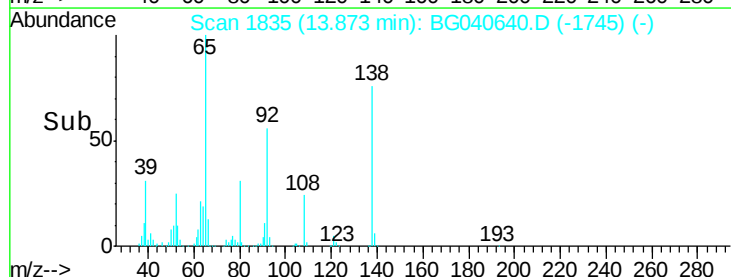
138 76.2 66.1 99.1



Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.348 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG040640.D

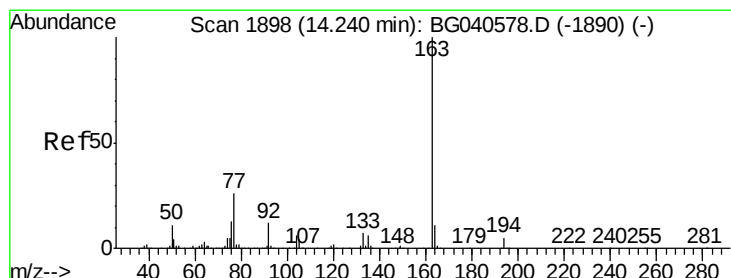
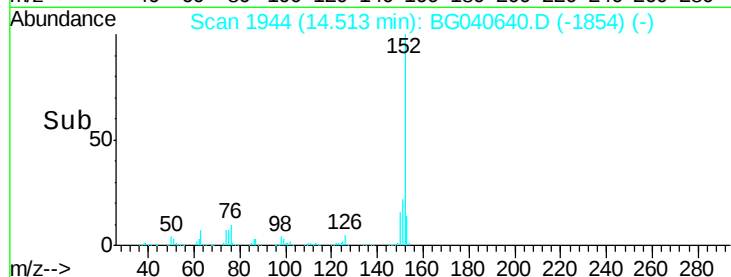
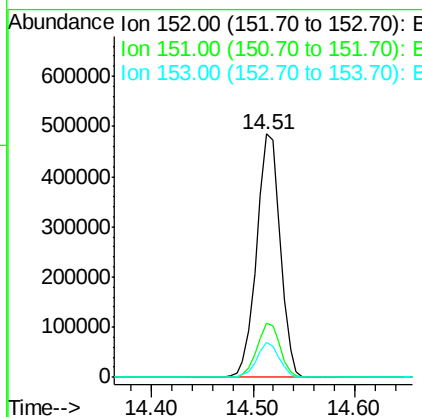
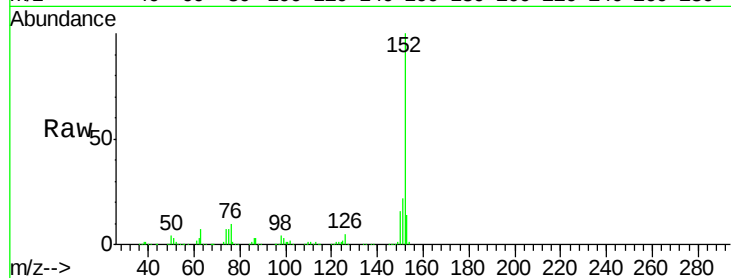
Acq: 26 Apr 2019 23:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	152	Resp:	782387
Ion	Ratio	Lower	Upper
152	100		
151	22.5	17.2	25.8
153	14.5	10.7	16.1



#50

Dimethylphthalate

Concen: 40.571 ng

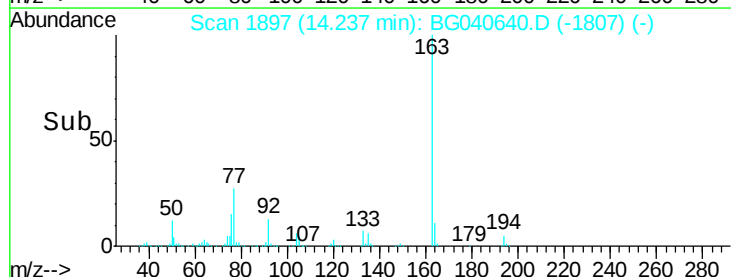
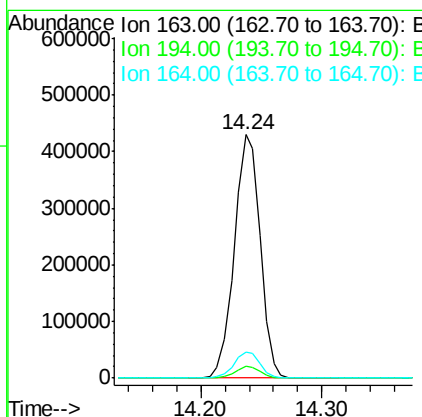
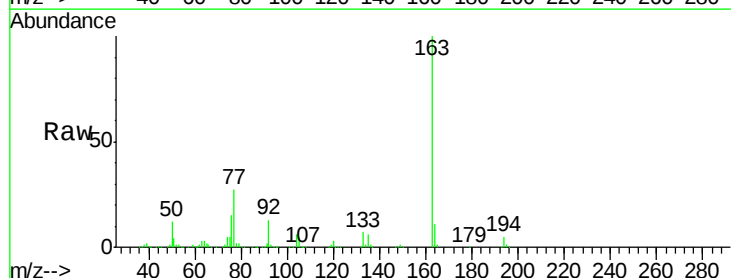
RT: 14.24 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

Tgt Ion:	163	Resp:	638505
Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.8	5.8
164	10.7	8.8	13.2





#51

2,6-Dinitrotoluene

Concen: 45.353 ng

RT: 14.37 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

Instrument :

BNA_G

ClientSampleId :

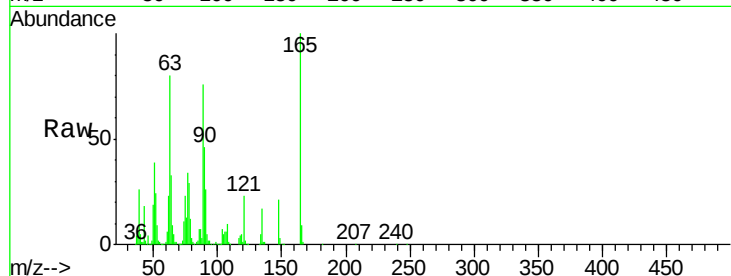
Tot Ion:165 Resp: 139304

Ion Ratio Lower Upper

165 100

63 79.7 61.0 91.4

89 75.9 58.6 87.8

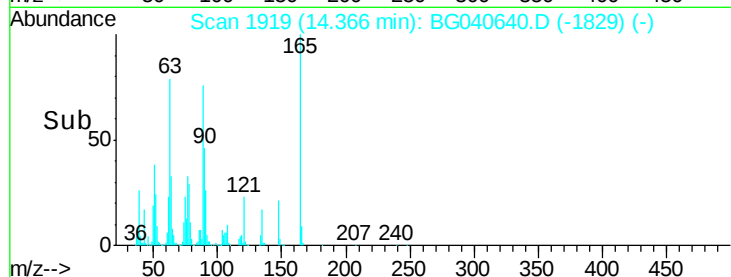


Abundance Ion 165.00 (164.70 to 165.70): E

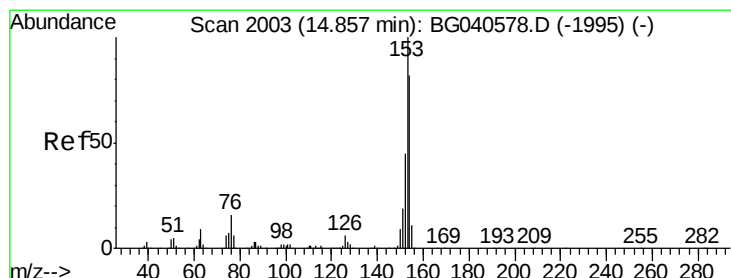
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Time-->



Time-->



#52

Acenaphthene

Concen: 40.230 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

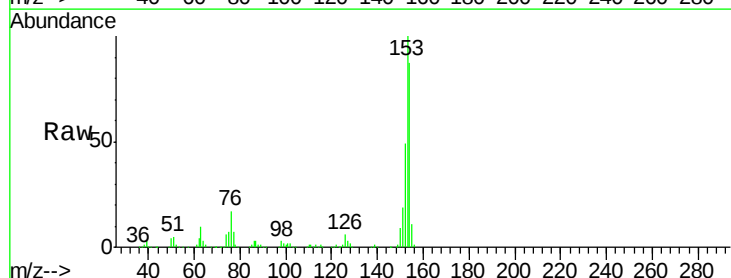
Tgt Ion:154 Resp: 454299

Ion Ratio Lower Upper

154 100

153 115.6 97.0 145.6

152 56.2 44.1 66.1

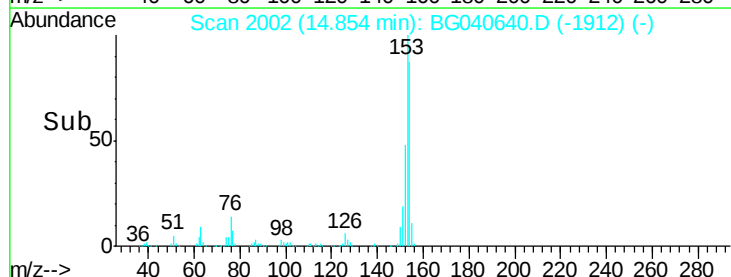


Abundance Ion 154.00 (153.70 to 154.70): E

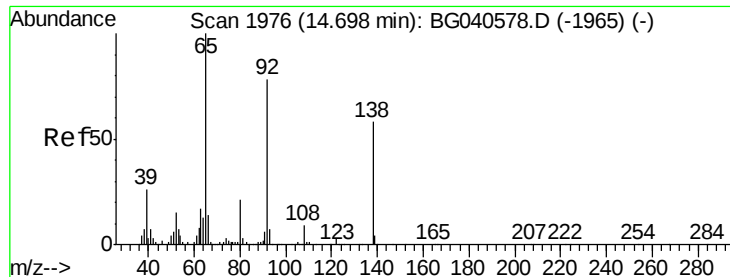
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



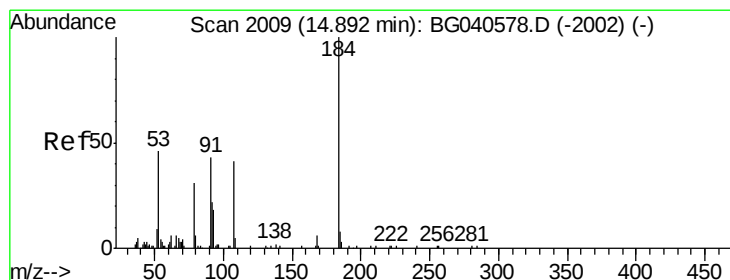
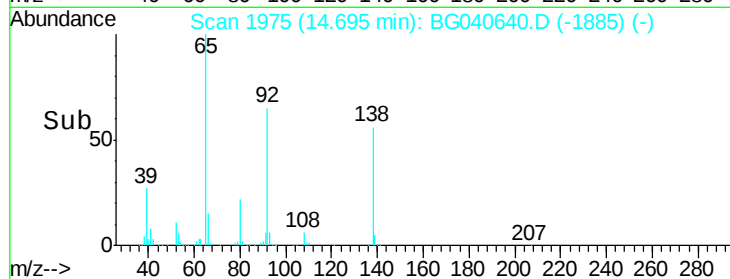
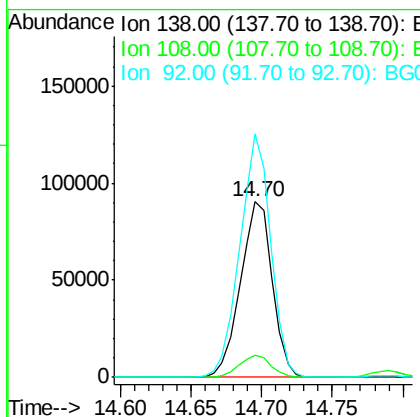
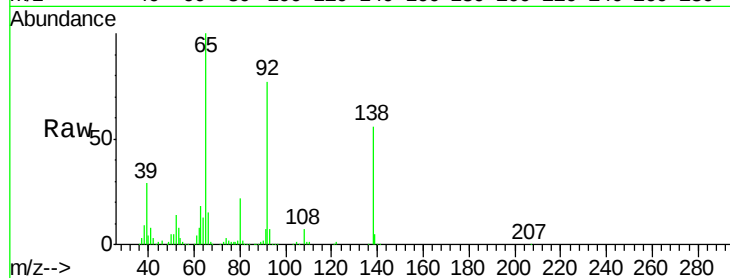
Time-->



#53
3-Nitroaniline
Concen: 45.314 ng
RT: 14.70 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG040640.D
Acq: 26 Apr 2019 23:08

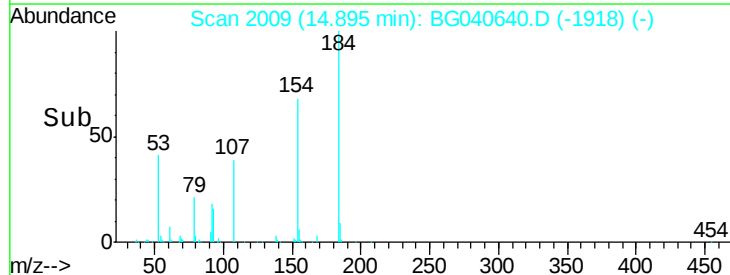
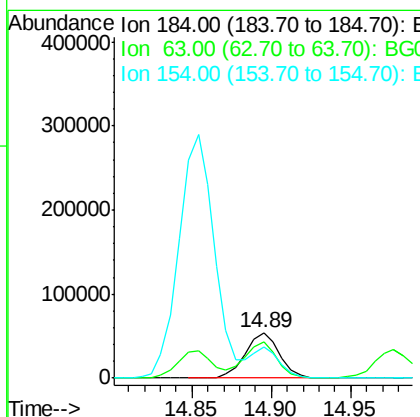
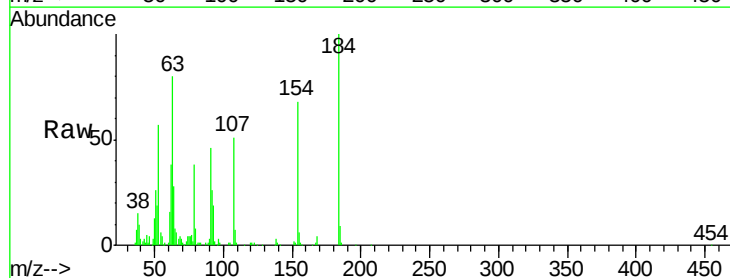
Instrument :
BNA_G
ClientSampleId :

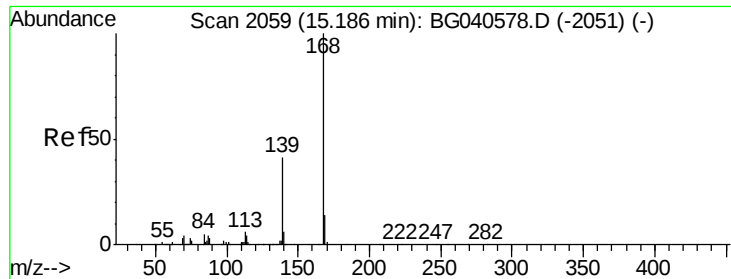
Tot Ion:138 Resp: 142610
Ion Ratio Lower Upper
138 100
108 12.4 12.4 18.6
92 138.7 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 49.257 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG040640.D
Acq: 26 Apr 2019 23:08

Tgt Ion:184 Resp: 80211
Ion Ratio Lower Upper
184 100
63 80.0 51.8 77.6#
154 67.8 43.6 65.4#





#55

Dibenzofuran

Concen: 40.447 ng

RT: 15.18 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

Instrument :

BNA_G

ClientSampleId :

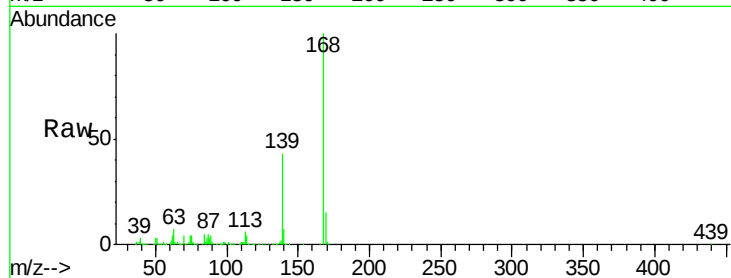
Tot Ion:168 Resp: 748123

Ion Ratio Lower Upper

168 100

139 43.2 33.0 49.4

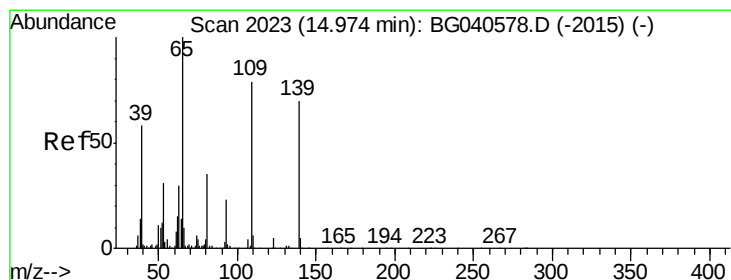
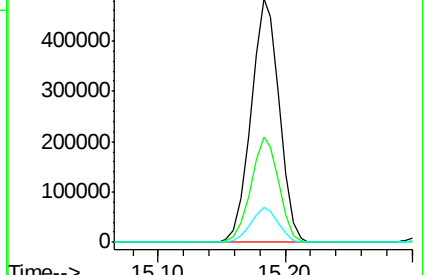
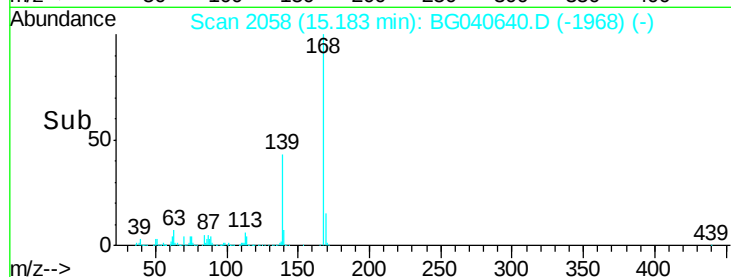
169 14.6 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 42.586 ng

RT: 14.98 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

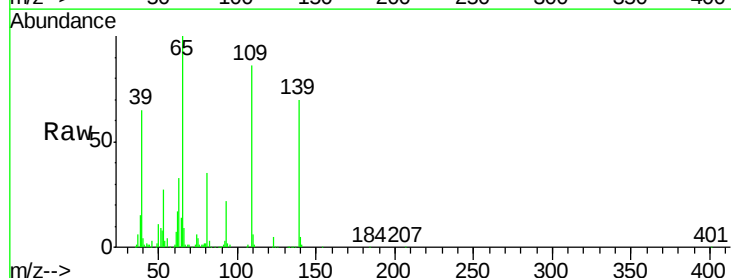
Tgt Ion:139 Resp: 116215

Ion Ratio Lower Upper

139 100

109 122.8 93.8 133.8

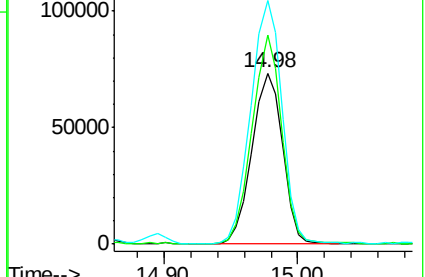
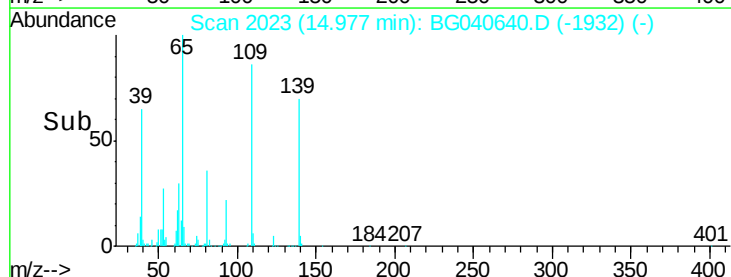
65 142.6 122.7 162.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

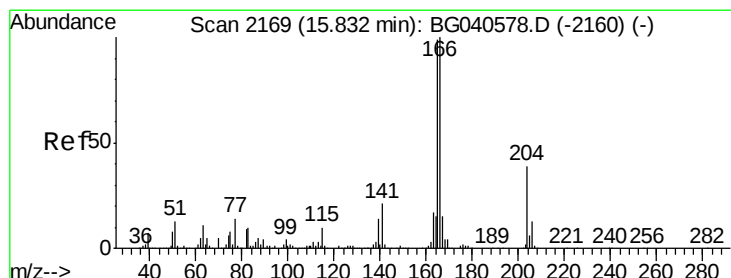
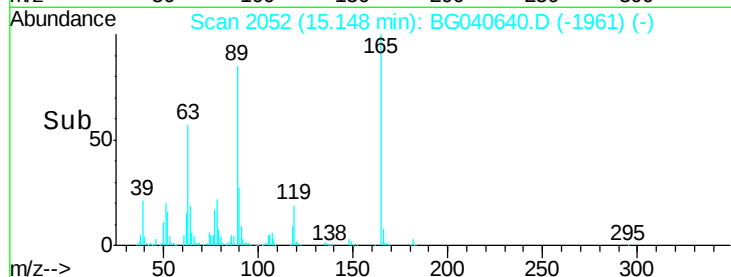
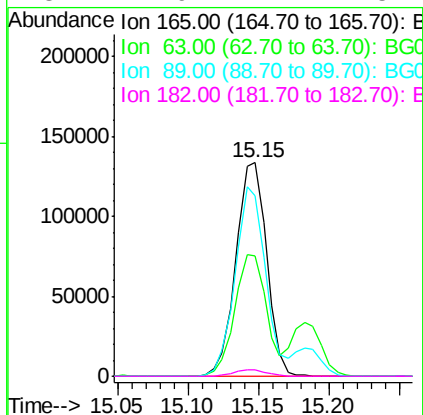
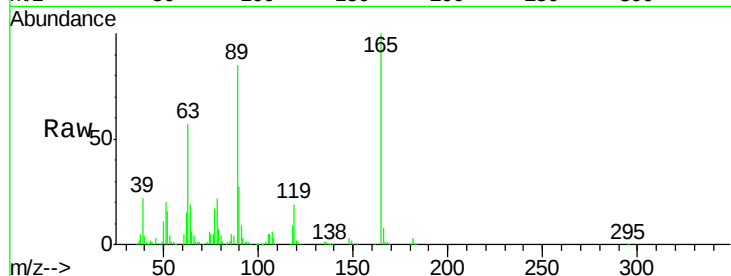




#57
 2,4-Dinitrotoluene
 Concen: 48.649 ng
 RT: 15.15 min Scan# 2052
 Delta R.T. 0.00 min
 Lab File: BG040640.D
 Acq: 26 Apr 2019 23:08

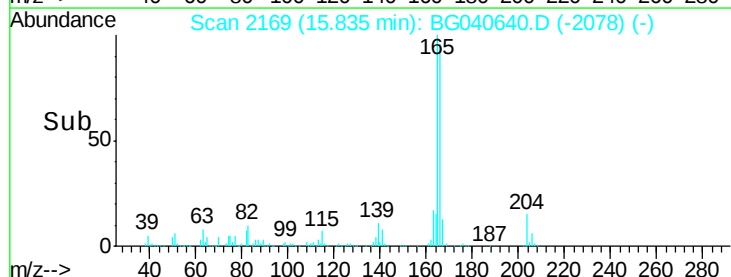
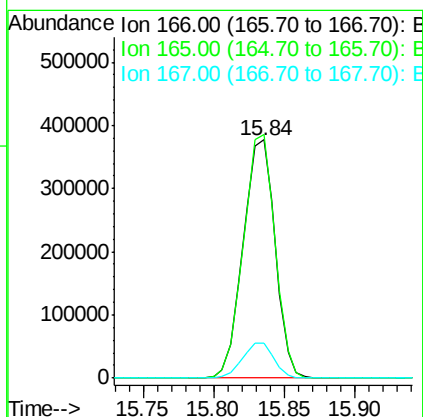
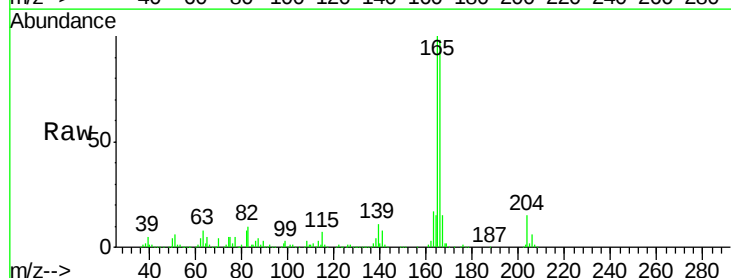
Instrument :
 BNA_G
 ClientSampleId :

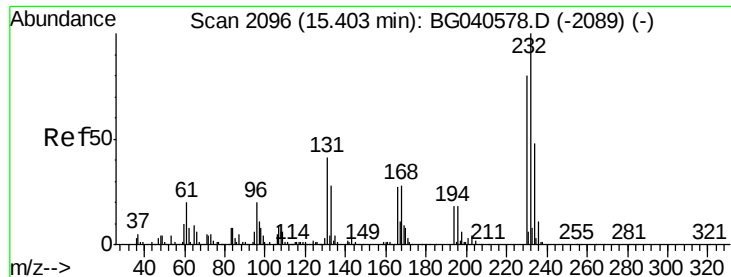
Tot Ion	Ratio	Lower	Upper
165	100		
63	56.6	45.8	68.8
89	84.6	69.4	104.2
182	2.9	2.2	3.4



#58
 Fluorene
 Concen: 40.147 ng
 RT: 15.84 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: BG040640.D
 Acq: 26 Apr 2019 23:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.3	79.6	119.4
167	14.9	12.2	18.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.661 ng

RT: 15.32 min Scan# 2081

Delta R.T. -0.08 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 202715

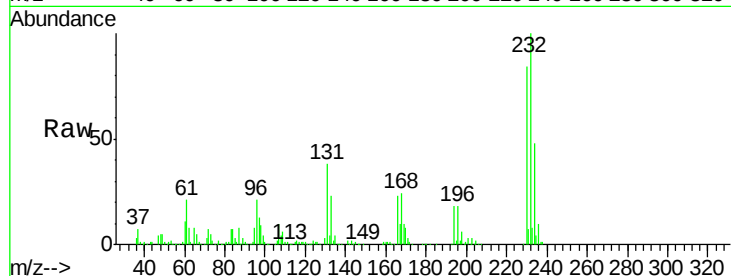
Ion Ratio Lower Upper

232 100

131 37.7 33.0 49.4

130 2.7 2.0 3.0

166 22.8 22.1 33.1

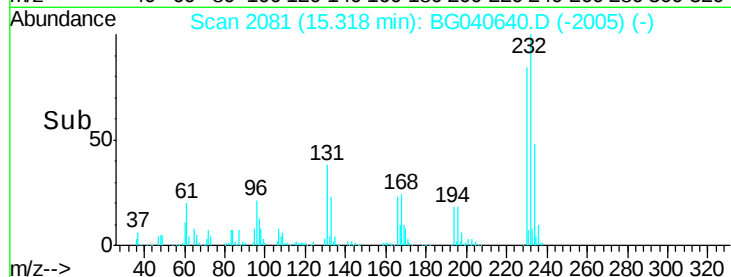


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

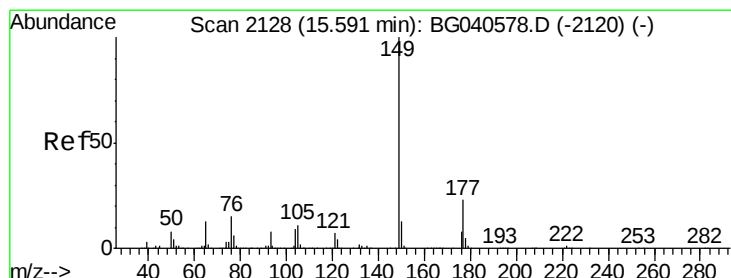
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->

15.32



#60

Diethylphthalate

Concen: 39.861 ng

RT: 15.59 min Scan# 2127

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

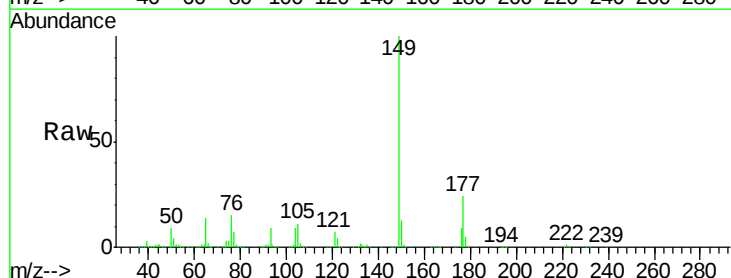
Tgt Ion:149 Resp: 661893

Ion Ratio Lower Upper

149 100

177 23.9 18.5 27.7

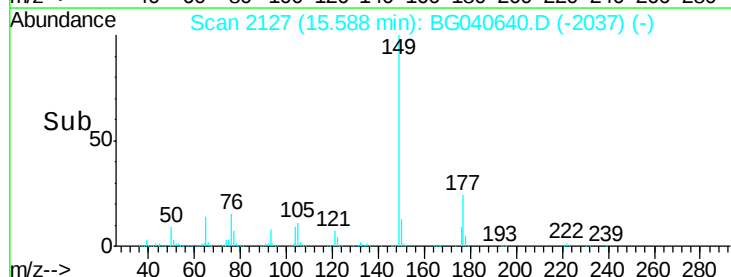
150 13.4 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

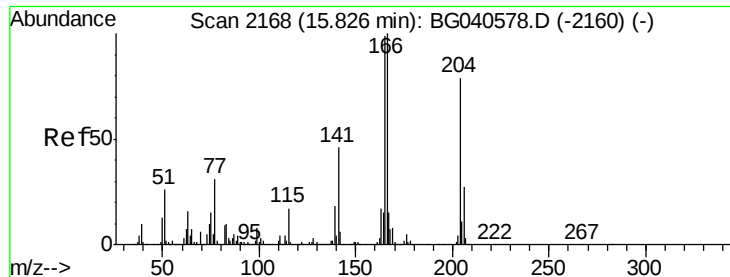
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->

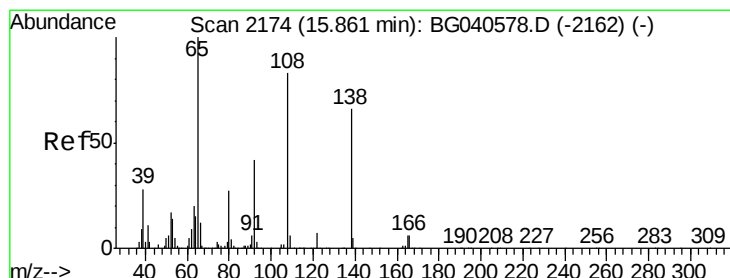
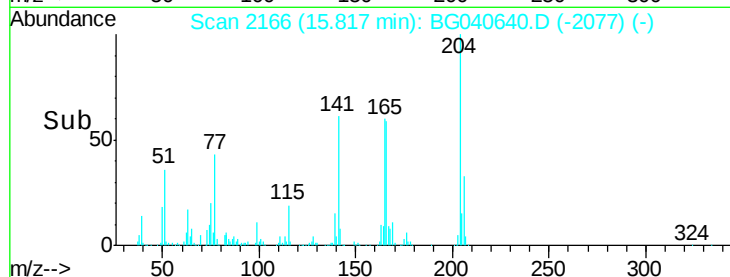
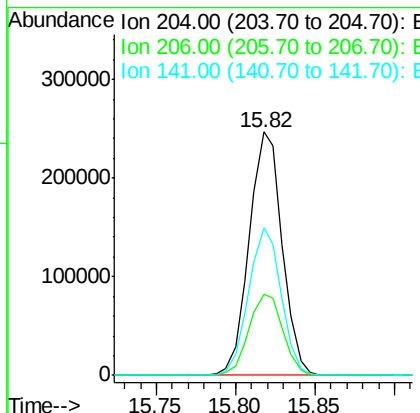
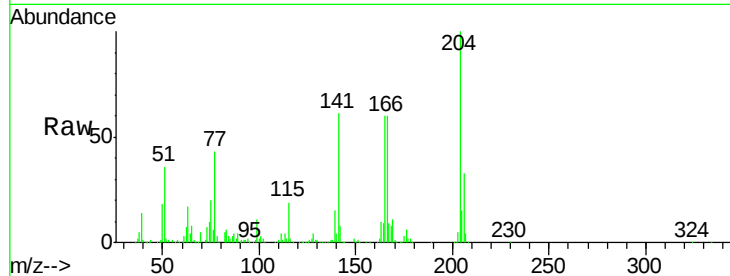
15.59



#61
 4-Chlorophenyl-phenylether
 Concen: 40.939 ng
 RT: 15.82 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG040640.D
 Acq: 26 Apr 2019 23:08

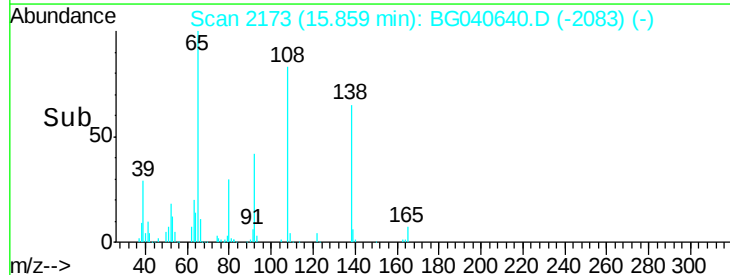
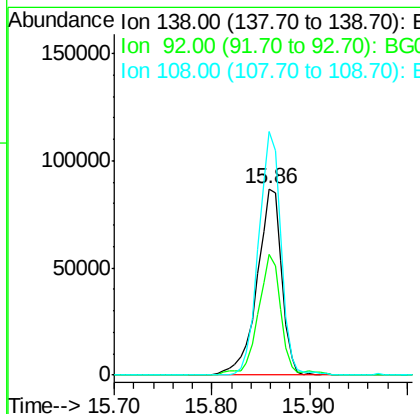
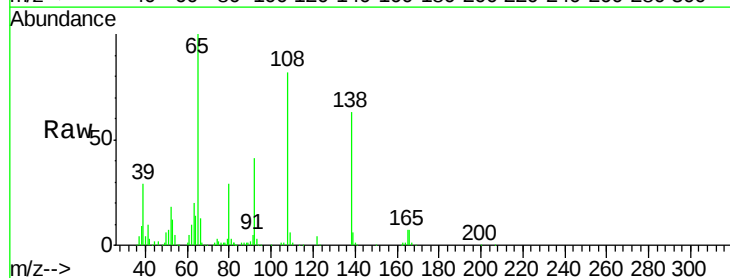
Instrument :
 BNA_G
 ClientSampleId :

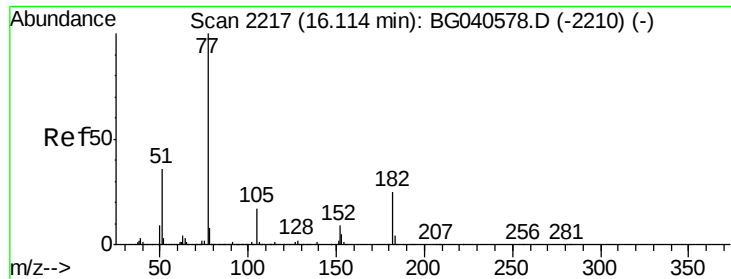
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	27.4	41.2
141	60.7	46.0	69.0



#62
 4-Nitroaniline
 Concen: 43.565 ng
 RT: 15.86 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: BG040640.D
 Acq: 26 Apr 2019 23:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	64.9	43.9	83.9
108	130.8	106.5	146.5

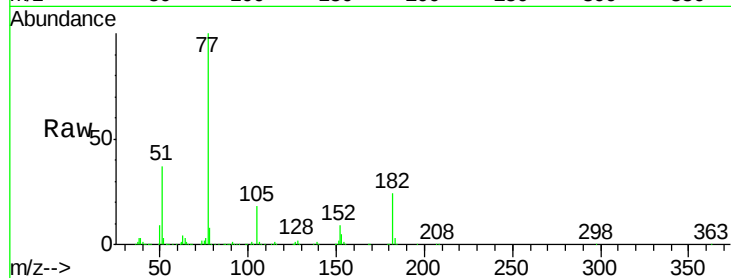




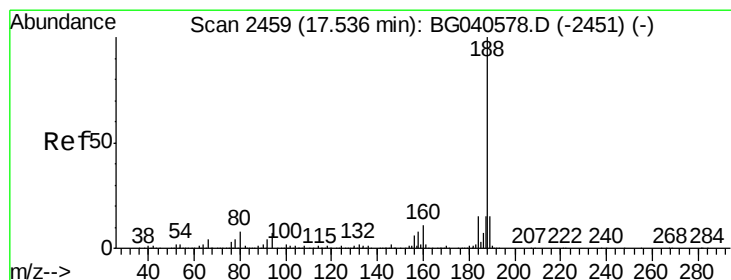
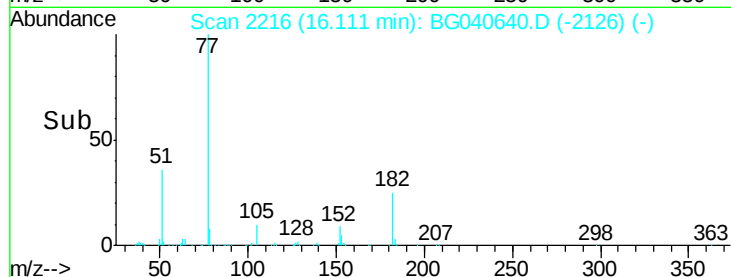
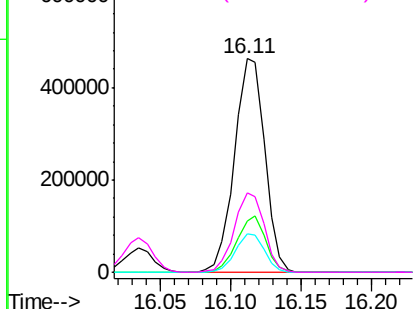
#63
Azobenzene
Concen: 40.479 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG040640.D
Acq: 26 Apr 2019 23:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 692206
Ion Ratio Lower Upper
77 100
182 24.2 5.0 45.0
105 18.0 0.0 37.6
51 37.0 16.3 56.3

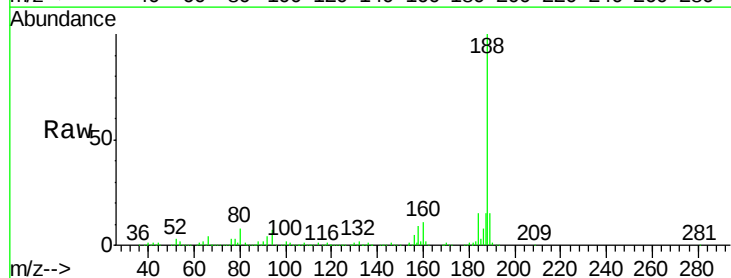


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

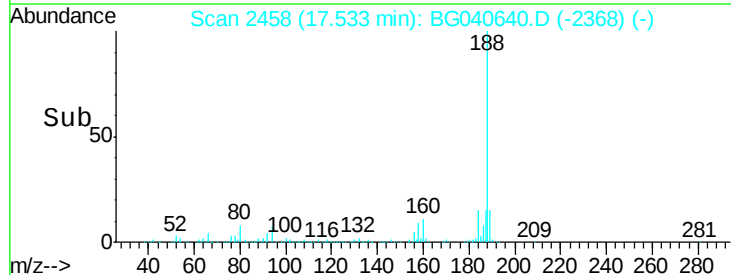
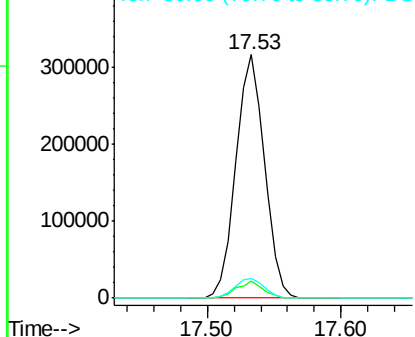


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG040640.D
Acq: 26 Apr 2019 23:08

Tgt Ion: 188 Resp: 470389
Ion Ratio Lower Upper
188 100
94 6.9 5.6 8.4
80 7.9 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

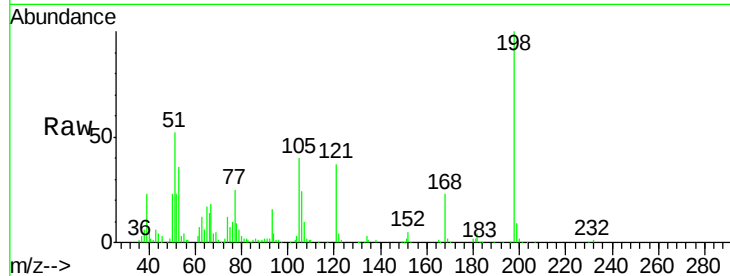




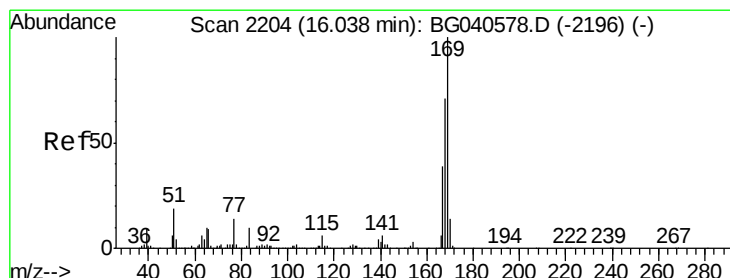
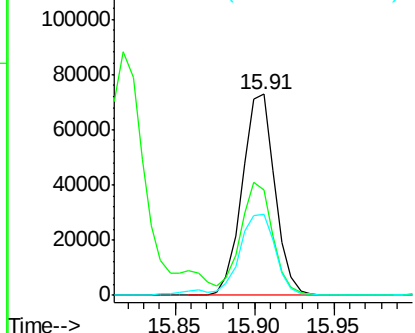
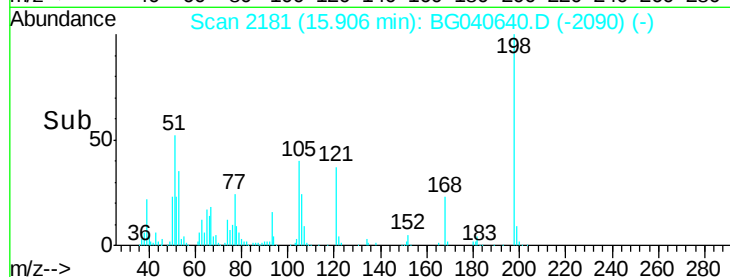
#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.298 ng
 RT: 15.91 min Scan# 2181
 Delta R.T. 0.00 min
 Lab File: BG040640.D
 Acq: 26 Apr 2019 23:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	198	Resp	103902
Ion Ratio	100	Lower	Upper
51	52.2	35.9	75.9
105	40.3	21.2	61.2

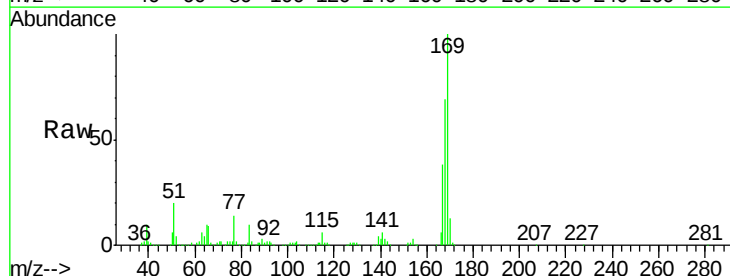


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

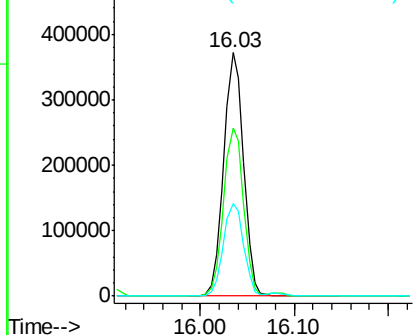
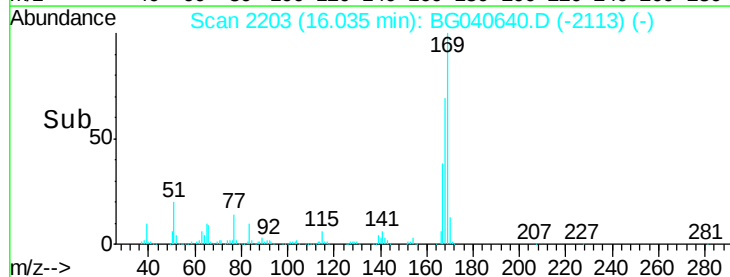


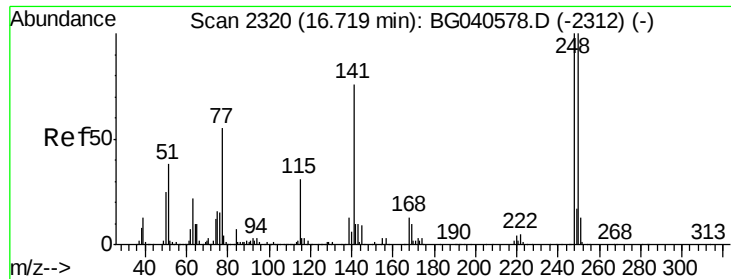
#66
 n-Nitrosodiphenylamine
 Concen: 39.523 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. -0.00 min
 Lab File: BG040640.D
 Acq: 26 Apr 2019 23:08

Tgt Ion	169	Resp	546979
Ion Ratio	100	Lower	Upper
168	68.9	56.8	85.2
167	38.1	31.4	47.0



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

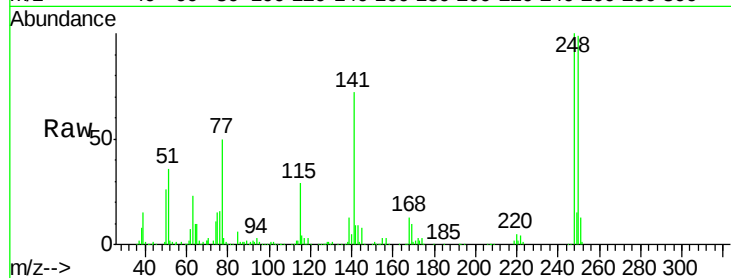




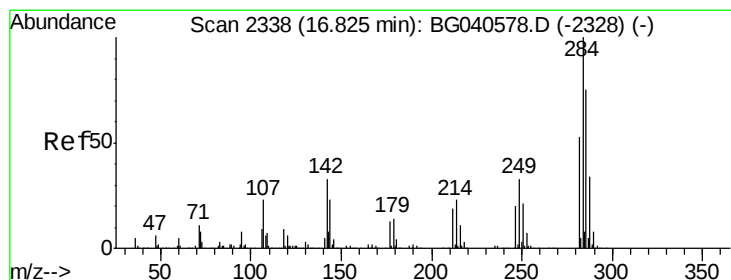
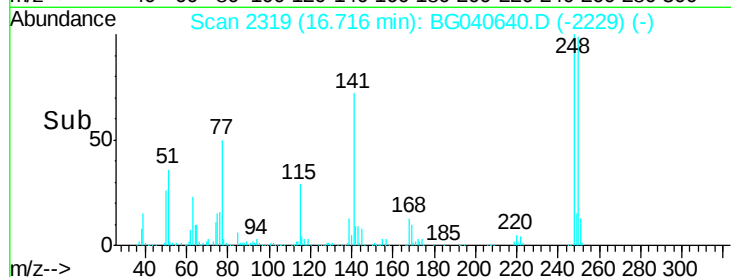
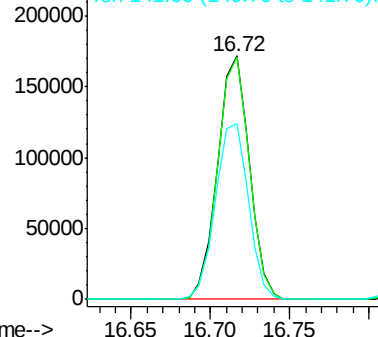
#67
4-Bromophenyl-phenylether
Concen: 40.860 ng
RT: 16.72 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BG040640.D
Acq: 26 Apr 2019 23:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 239458
Ion Ratio Lower Upper
248 100
250 99.4 79.8 119.6
141 72.1 60.8 91.2

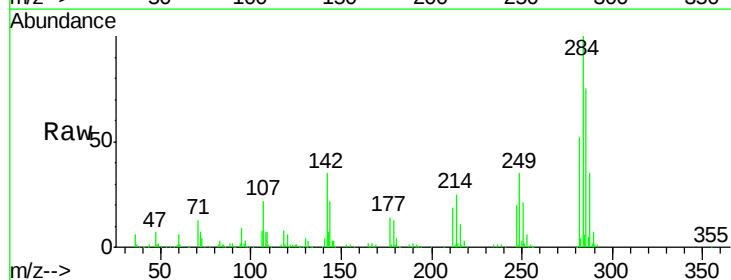


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

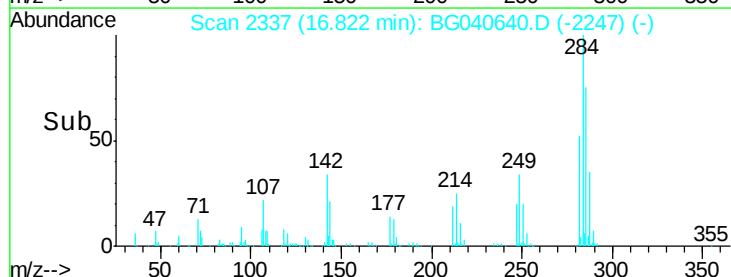
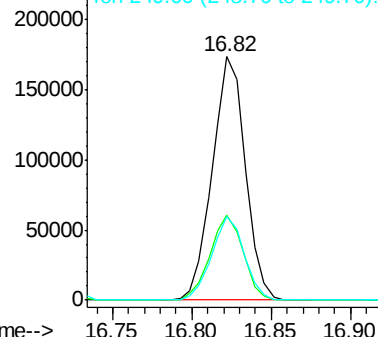


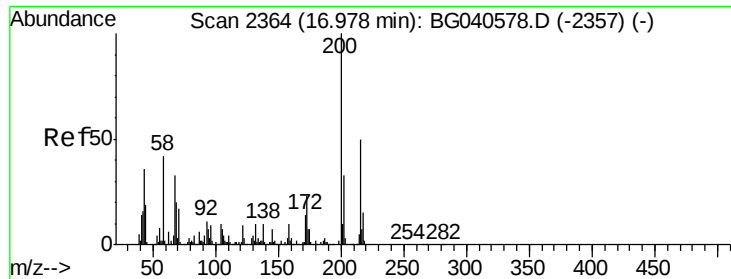
#68
Hexachlorobenzene
Concen: 41.341 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BG040640.D
Acq: 26 Apr 2019 23:08

Tgt Ion:284 Resp: 250512
Ion Ratio Lower Upper
284 100
142 34.7 26.6 40.0
249 34.6 26.0 39.0



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





#69

Atrazine

Concen: 37.821 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

Instrument :

BNA_G

ClientSampleId :

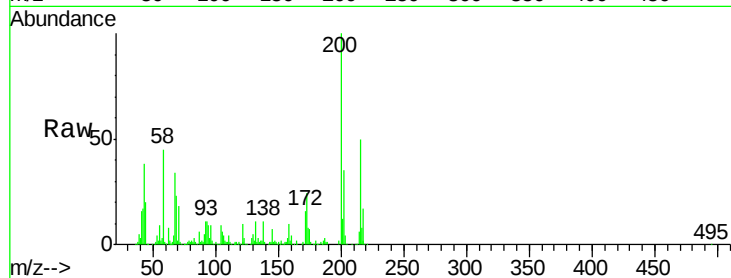
Tot Ion:200 Resp: 207374

Ion Ratio Lower Upper

200 100

173 23.9 2.8 42.8

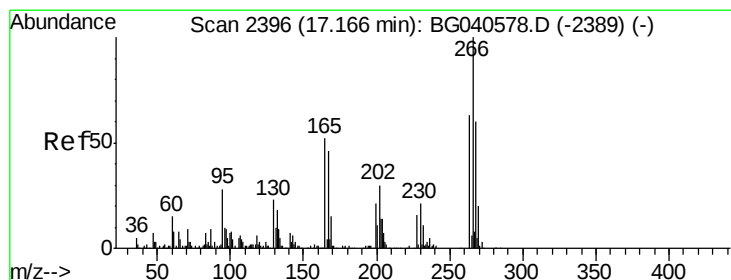
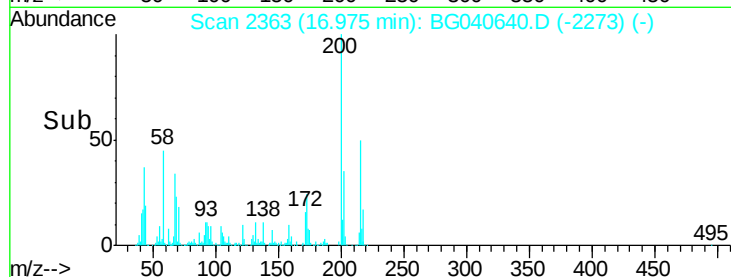
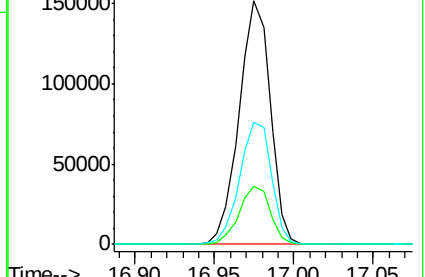
215 49.9 30.2 70.2



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: 43.305 ng

RT: 17.17 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

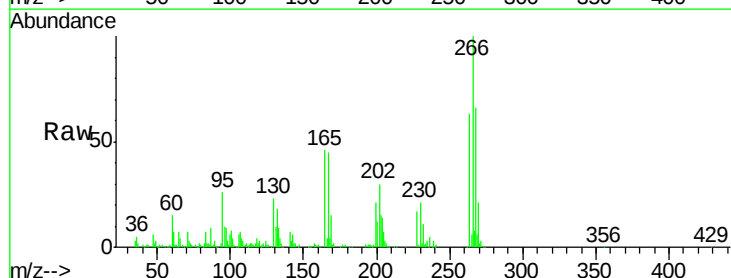
Tgt Ion:266 Resp: 153557

Ion Ratio Lower Upper

266 100

268 65.5 52.3 78.5

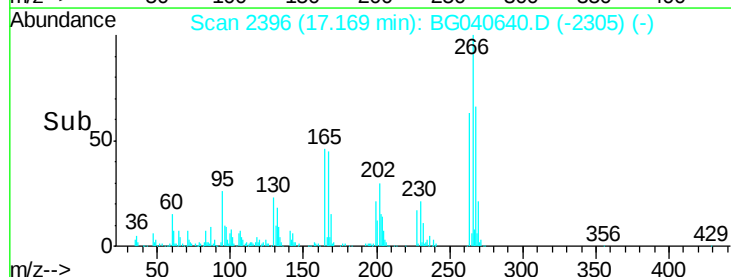
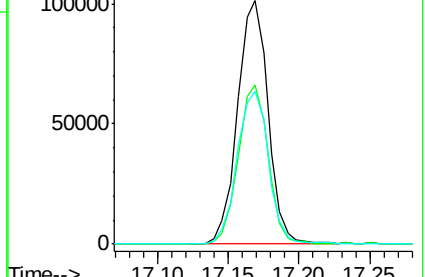
264 62.8 50.0 75.0

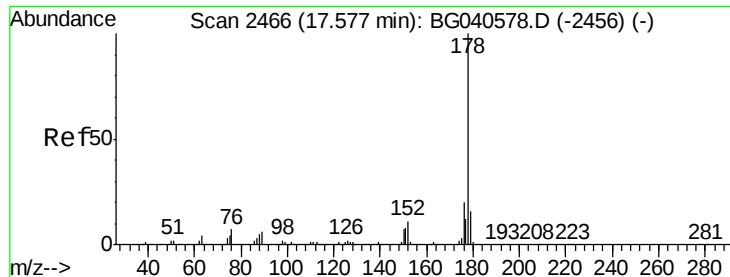


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.715 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

Instrument :

BNA_G

ClientSampleId :

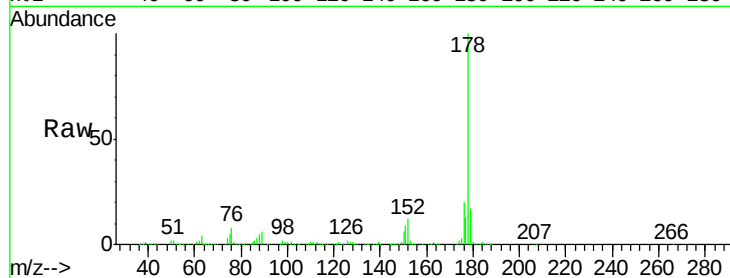
Tot Ion:178 Resp: 1006228

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.6

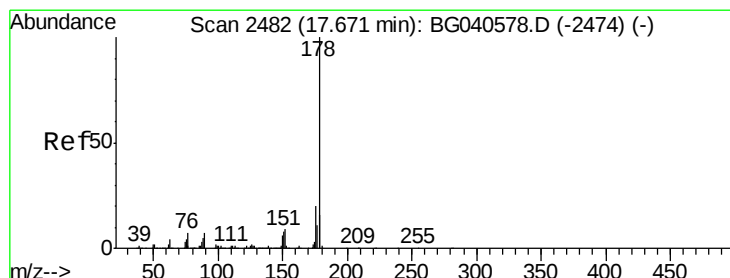
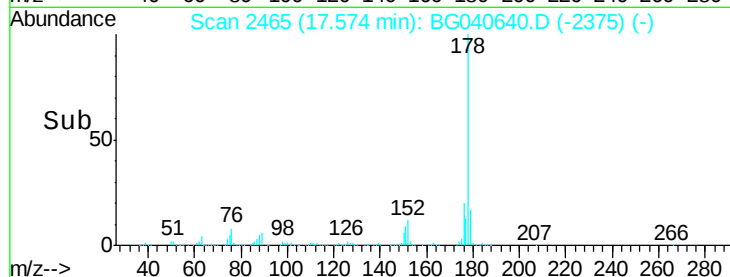
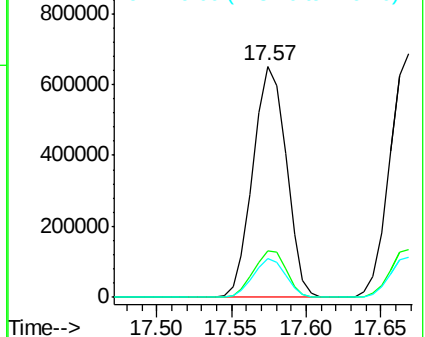
179 17.0 12.6 18.8



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: 39.826 ng

RT: 17.67 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

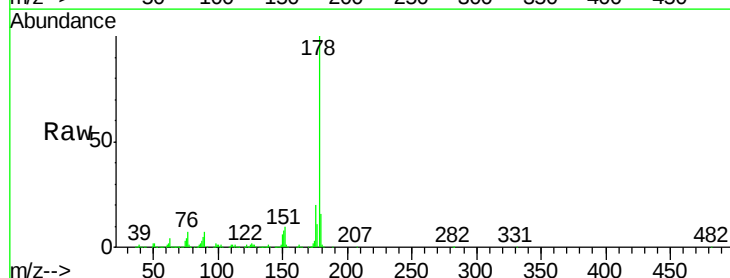
Tgt Ion:178 Resp: 1014265

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

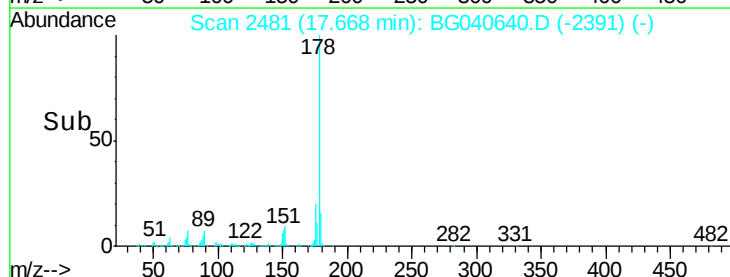
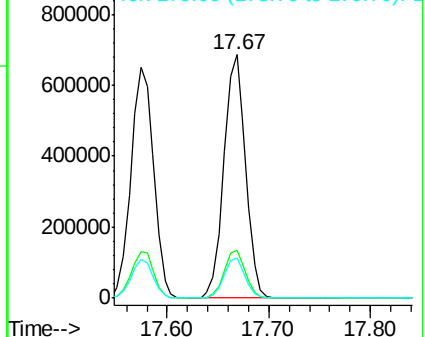
179 16.4 12.9 19.3



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

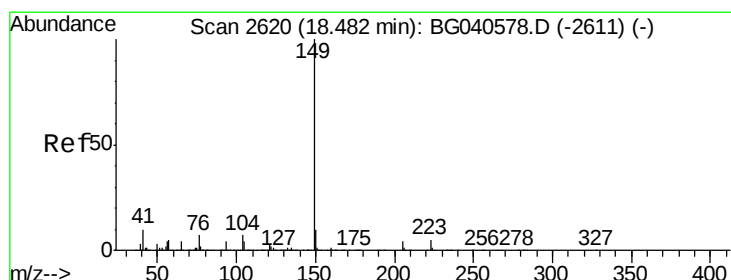
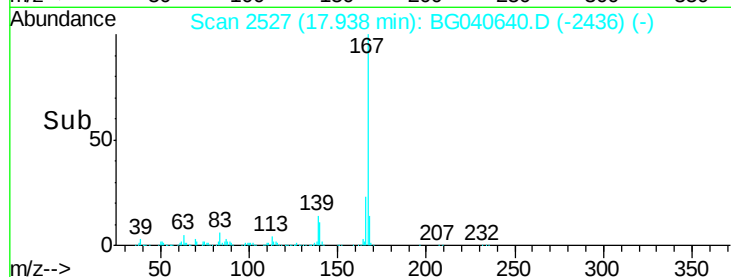
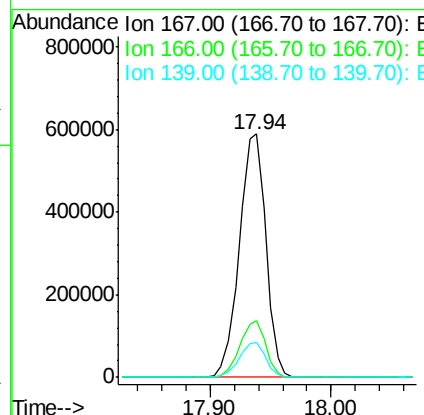
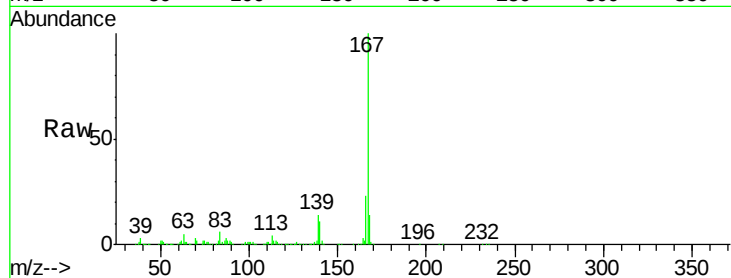




#73
 Carbazole
 Concen: 38.933 ng
 RT: 17.94 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BG040640.D
 Acq: 26 Apr 2019 23:08

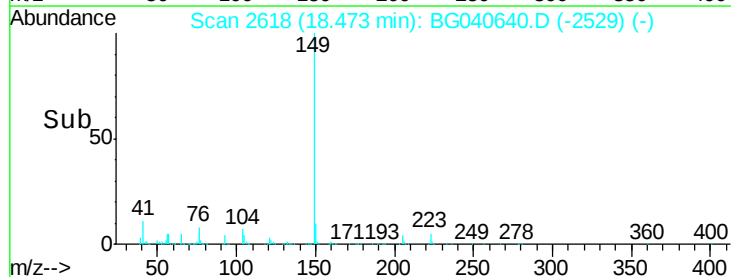
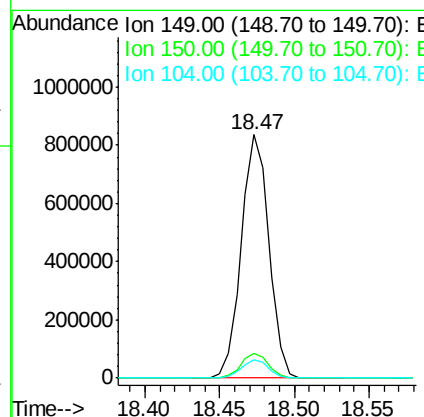
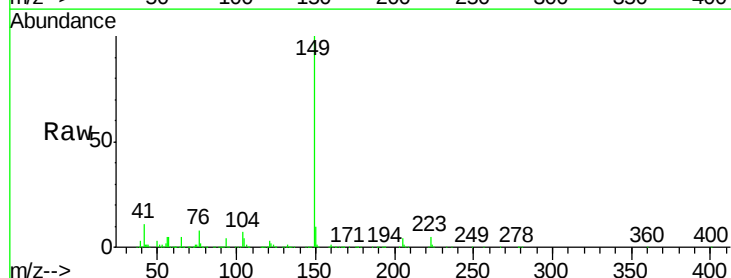
Instrument :
 BNA_G
 ClientSampleId :

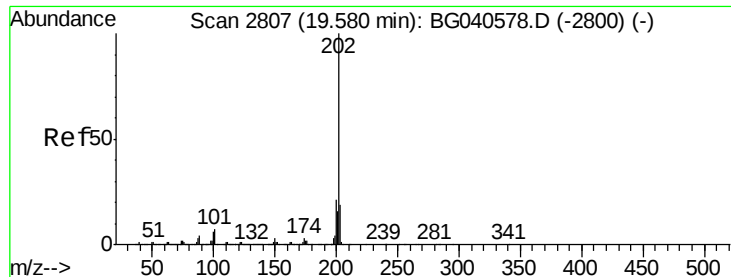
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.2	27.4
139	14.1	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 38.373 ng
 RT: 18.47 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BG040640.D
 Acq: 26 Apr 2019 23:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.2	12.2
104	7.5	5.4	8.2





#75

Fluoranthene

Concen: 39.454 ng

RT: 19.58 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

Instrument :

BNA_G

ClientSampled :

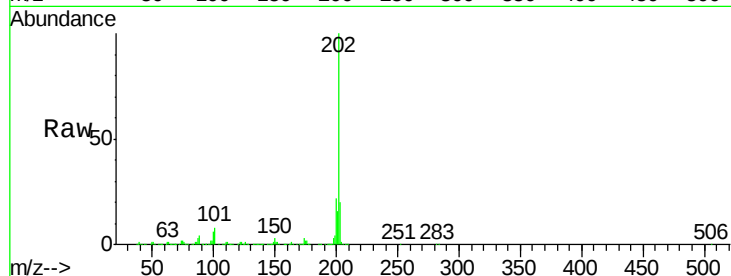
Tot Ion:202 Resp: 1245691

Ion Ratio Lower Upper

202 100

101 7.6 0.0 27.5

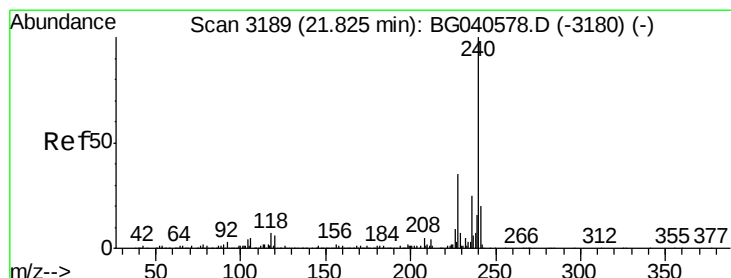
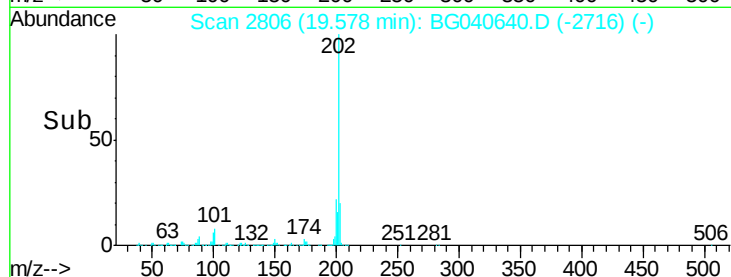
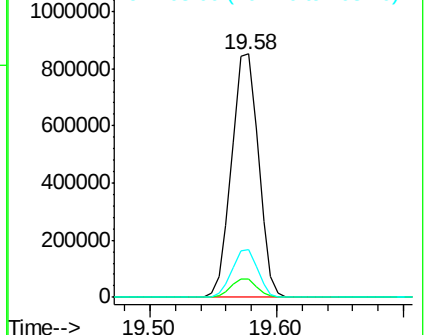
203 19.6 0.0 39.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

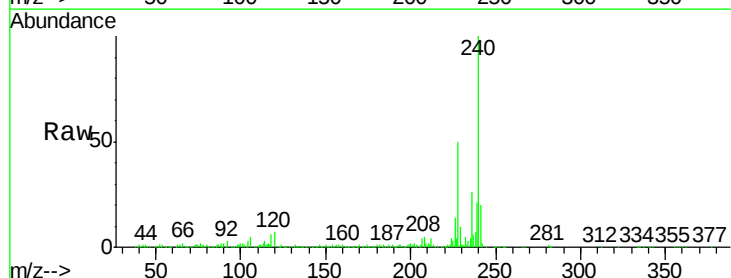
Tgt Ion:240 Resp: 443832

Ion Ratio Lower Upper

240 100

120 6.7 5.0 7.6

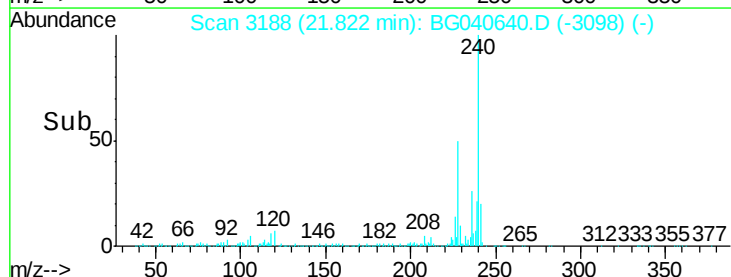
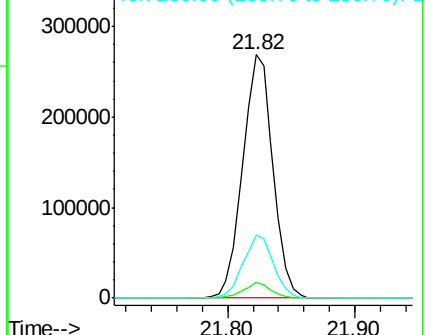
236 25.8 20.3 30.5

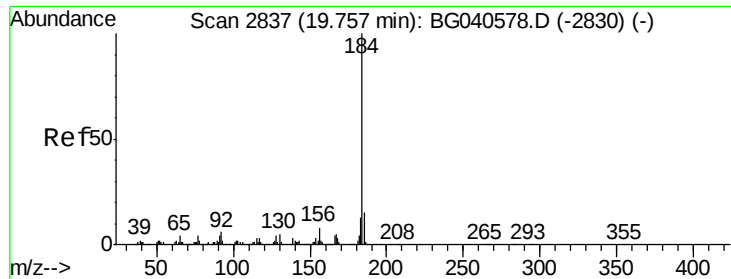


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.678 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

Instrument :

BNA_G

ClientSampled :

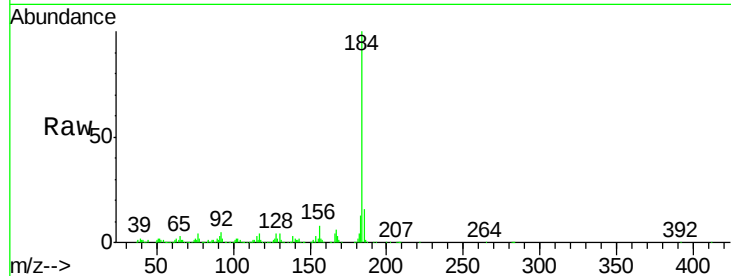
Tot Ion:184 Resp: 591556

Ion Ratio Lower Upper

184 100

185 15.9 11.8 17.8

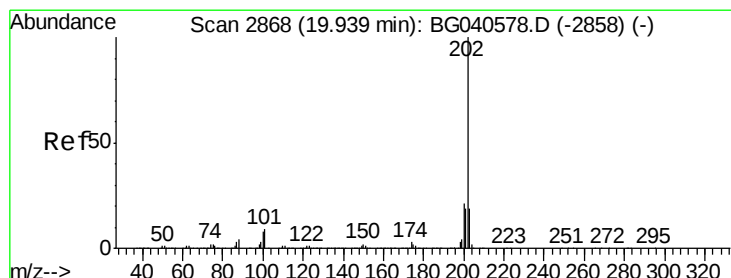
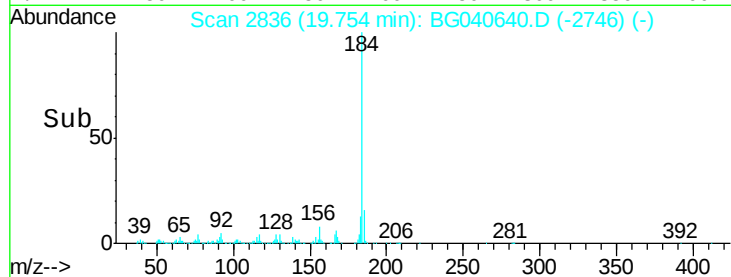
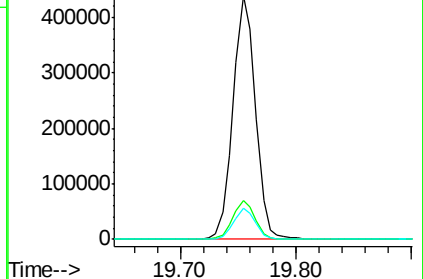
183 12.9 10.2 15.2



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: 45.011 ng

RT: 19.94 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

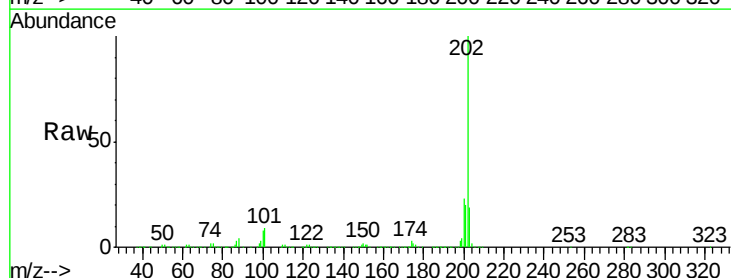
Tgt Ion:202 Resp: 1252081

Ion Ratio Lower Upper

202 100

200 22.8 17.2 25.8

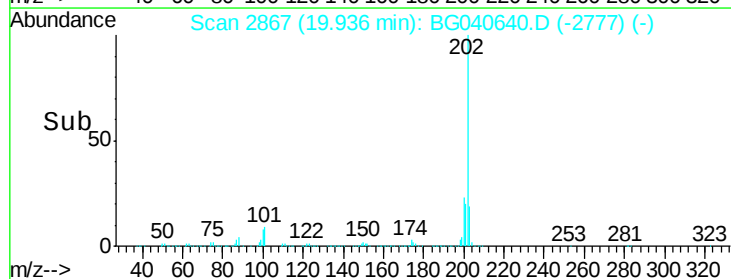
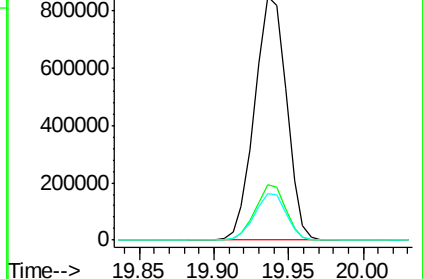
203 19.2 15.0 22.4

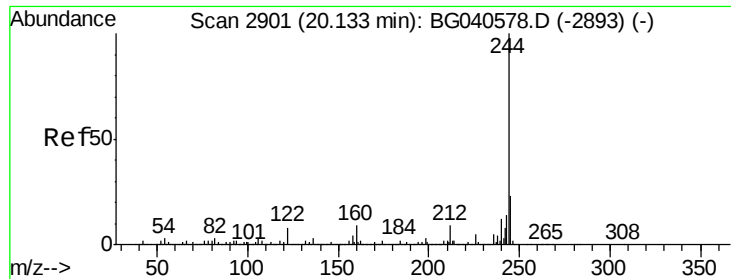


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.386 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

Instrument :

BNA_G

ClientSampleId :

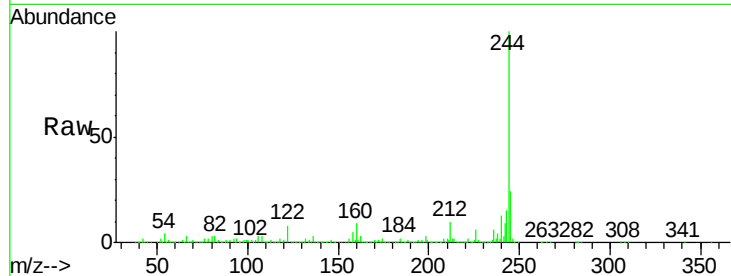
Tot Ion:244 Resp: 1790744

Ion Ratio Lower Upper

244 100

212 9.8 7.2 10.8

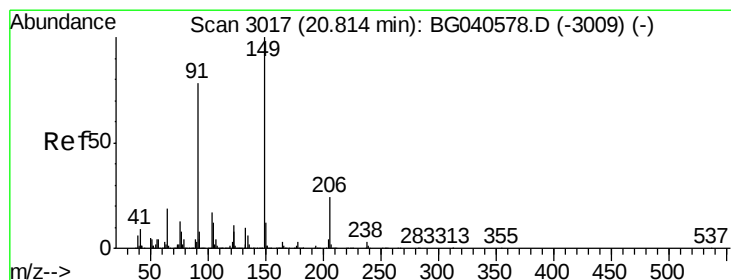
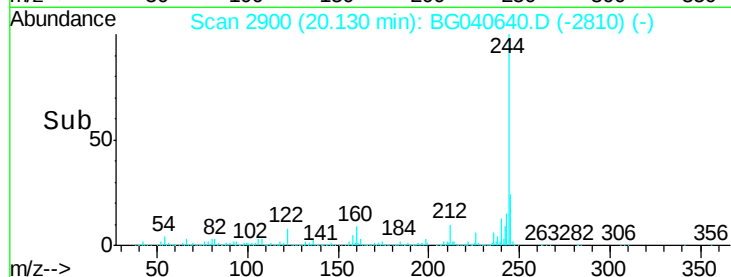
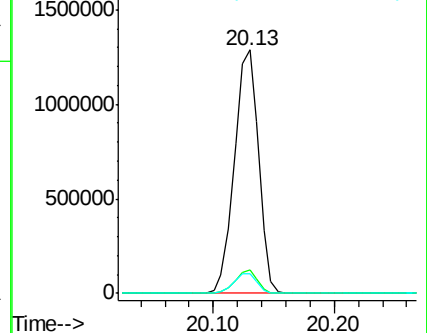
122 8.2 6.6 10.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.749 ng

RT: 20.81 min Scan# 3016

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

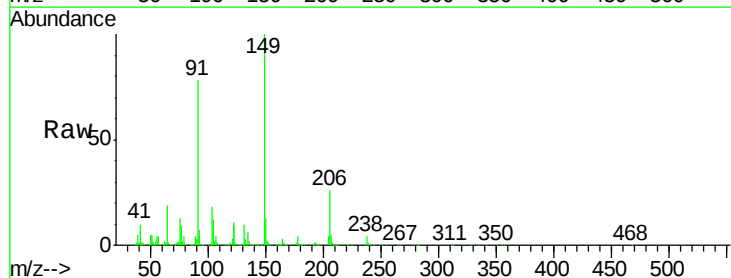
Tgt Ion:149 Resp: 485163

Ion Ratio Lower Upper

149 100

91 78.0 62.6 93.8

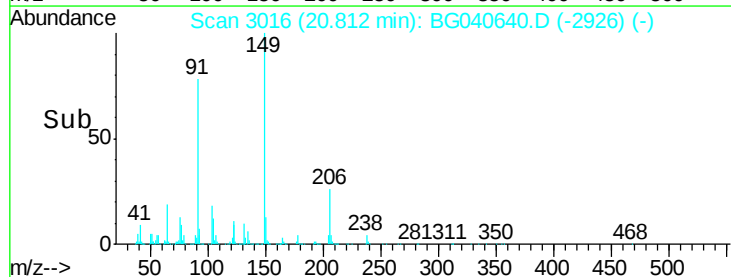
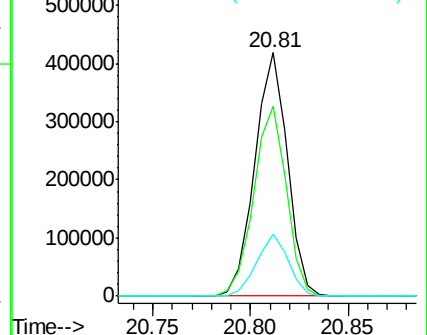
206 25.6 19.4 29.2

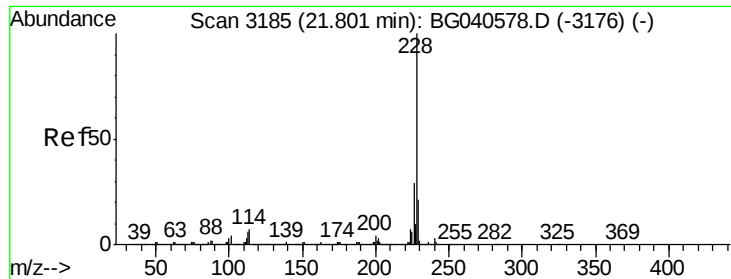


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.584 ng

RT: 21.80 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

Instrument :

BNA_G

ClientSampled :

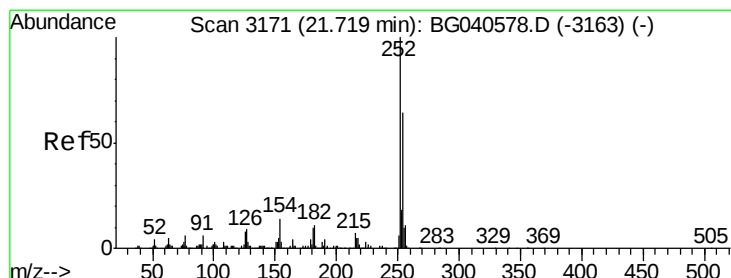
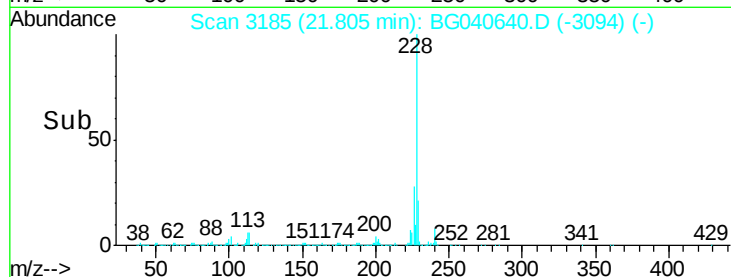
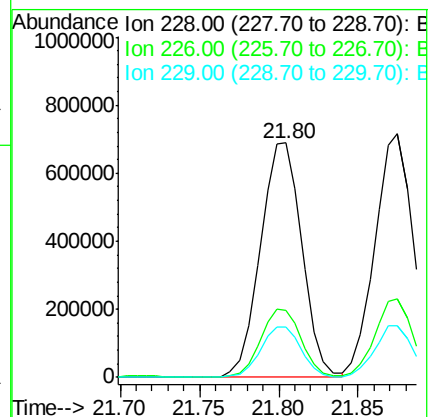
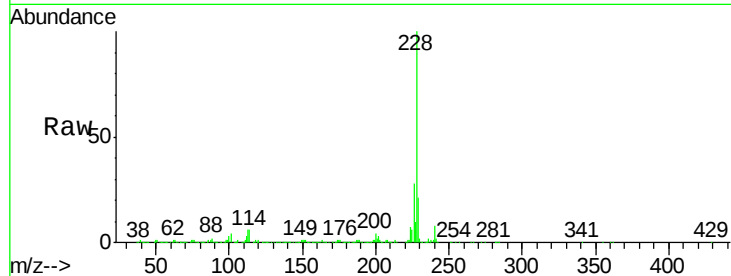
Tot Ion:228 Resp: 1250615

Ion Ratio Lower Upper

228 100

226 28.4 23.1 34.7

229 21.2 17.0 25.4



#82

3,3'-Dichlorobenzidine

Concen: 45.369 ng

RT: 21.72 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

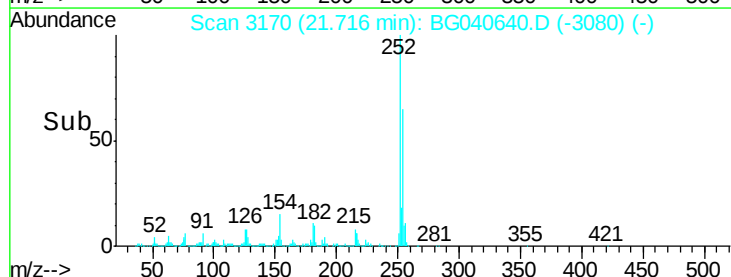
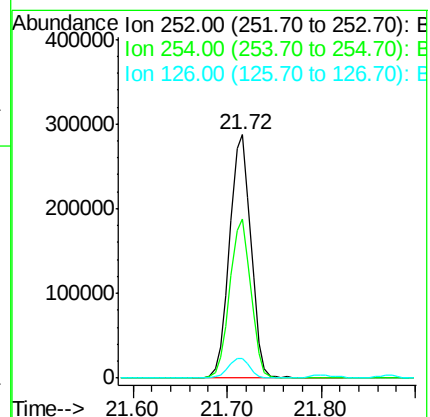
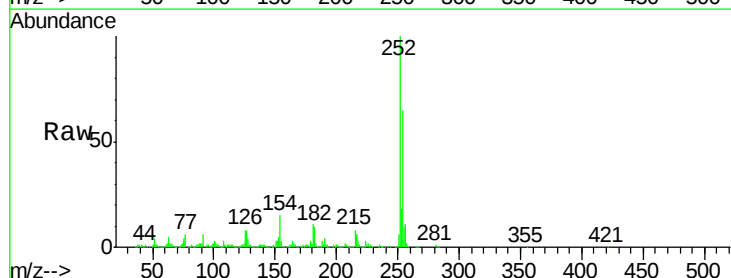
Tgt Ion:252 Resp: 453593

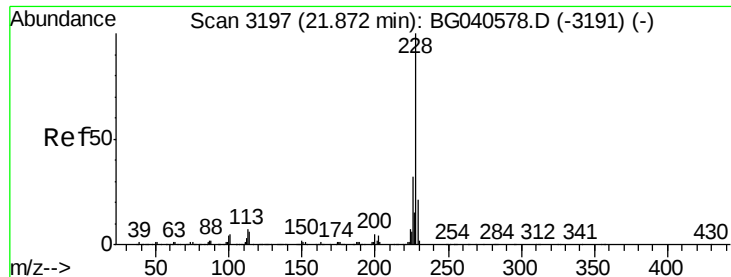
Ion Ratio Lower Upper

252 100

254 65.3 51.2 76.8

126 7.9 6.6 10.0





#83

Chrysene

Concen: 44.520 ng

RT: 21.88 min Scan# 3197

Delta R.T. 0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

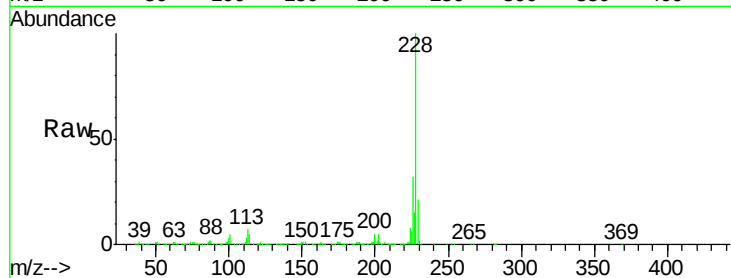
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1187658

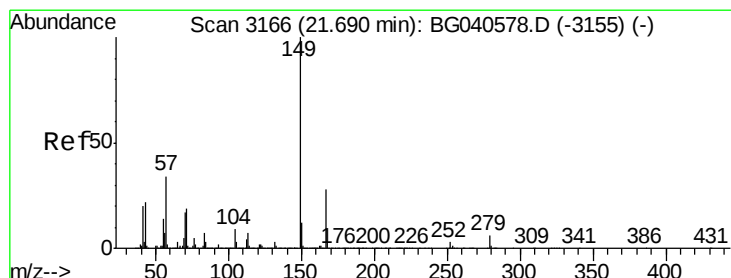
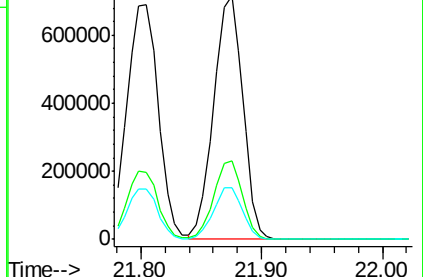
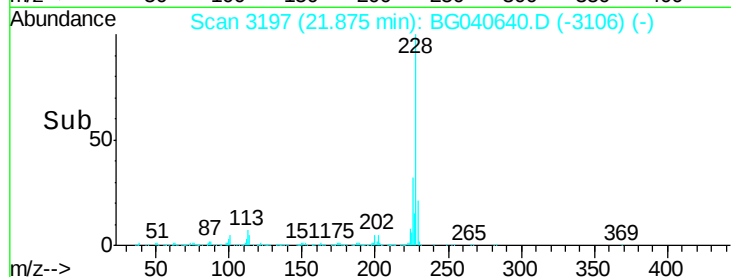
Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.5	38.3
229	21.1	16.8	25.2



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: 43.016 ng

RT: 21.68 min Scan# 3164

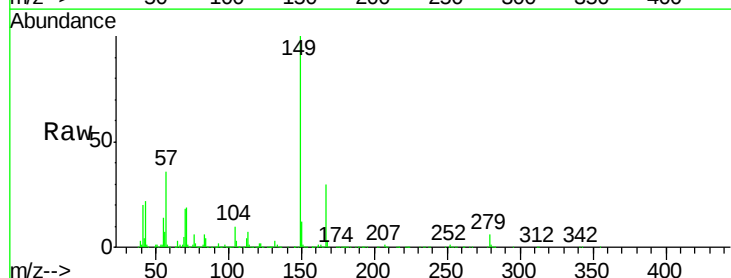
Delta R.T. -0.01 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

Tgt Ion:149 Resp: 673217

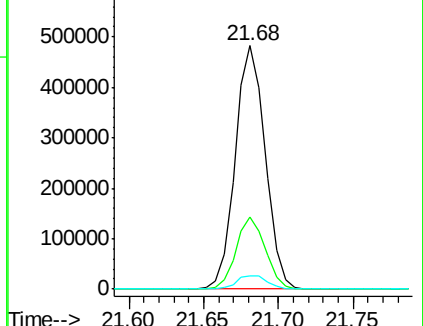
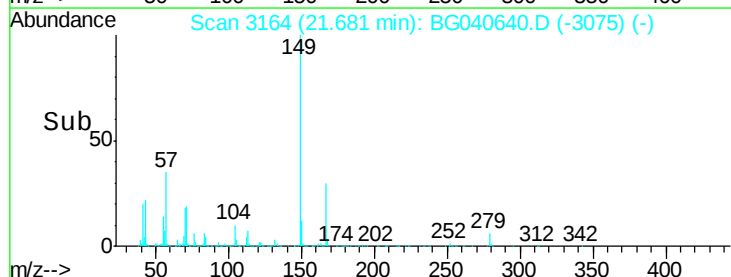
Ion	Ratio	Lower	Upper
149	100		
167	29.7	22.4	33.6
279	5.6	4.6	6.8

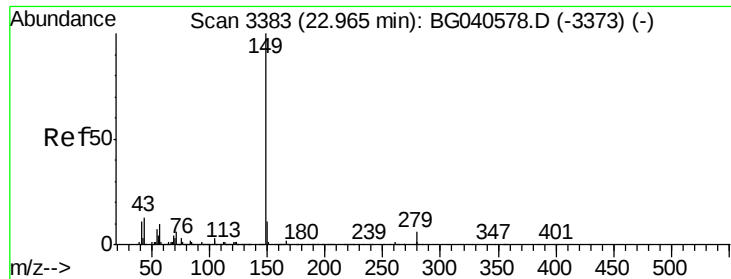


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.329 ng

RT: 22.95 min Scan# 3380

Delta R.T. -0.01 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

Instrument :

BNA_G

ClientSampleId :

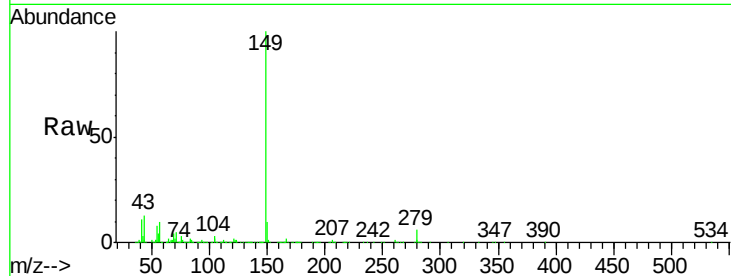
Tot Ion:149 Resp: 1142036

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

43 13.4 10.2 15.2

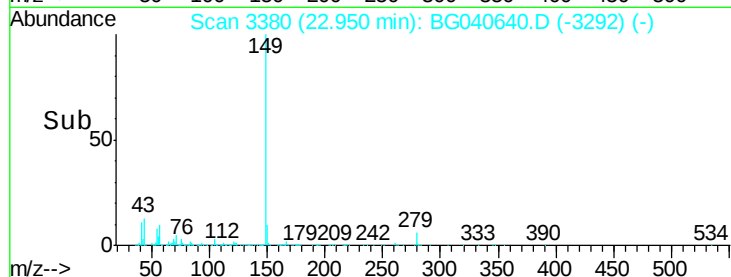


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Time--> 22.80 22.90 23.00 23.10

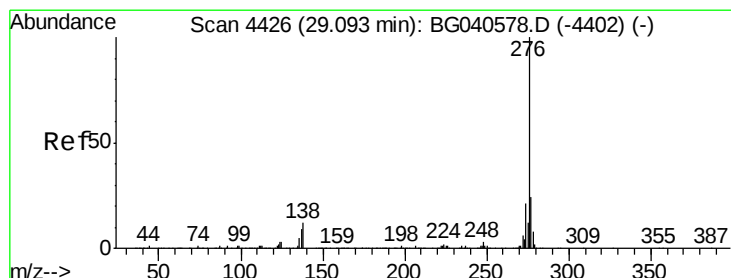


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Time--> 22.80 22.90 23.00 23.10



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.892 ng

RT: 29.09 min Scan# 4425

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

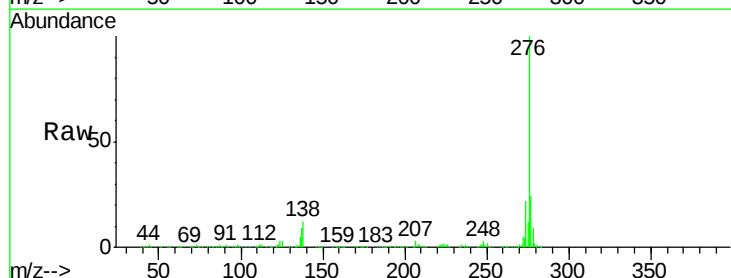
Tgt Ion:276 Resp: 1447940

Ion Ratio Lower Upper

276 100

138 9.3 9.8 14.6#

277 25.8 17.3 25.9

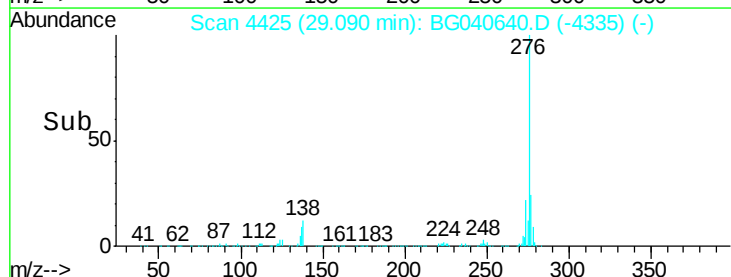


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time--> 28.80 29.00 29.20 29.40



Time--> 28.80 29.00 29.20 29.40



#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3763

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

Instrument :

BNA_G

ClientSampleId :

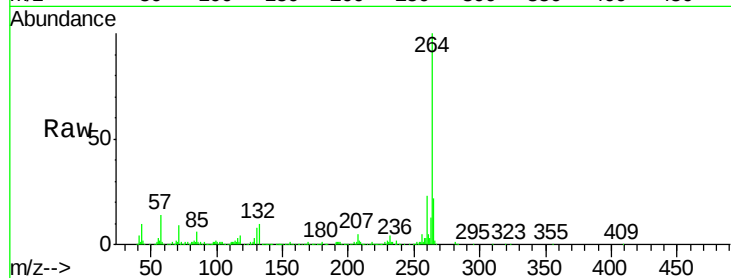
Tot Ion:264 Resp: 484516

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.8 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

200000

150000

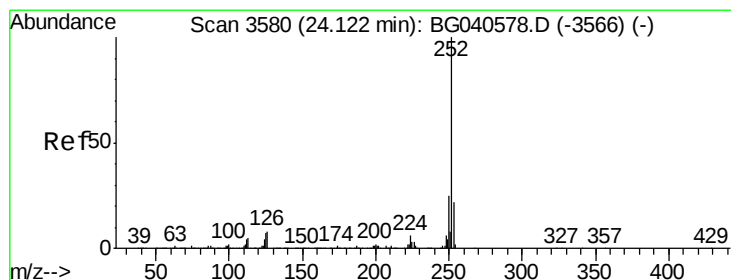
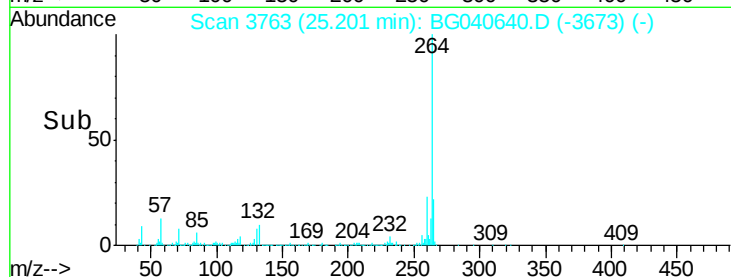
100000

50000

0

25.10 25.20 25.30

Time-->



#88

Benzo(b)fluoranthene

Concen: 41.913 ng

RT: 24.12 min Scan# 3579

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

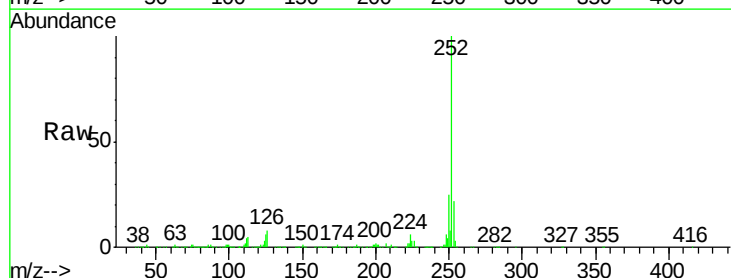
Tgt Ion:252 Resp: 1240958

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 6.2 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

600000

500000

400000

300000

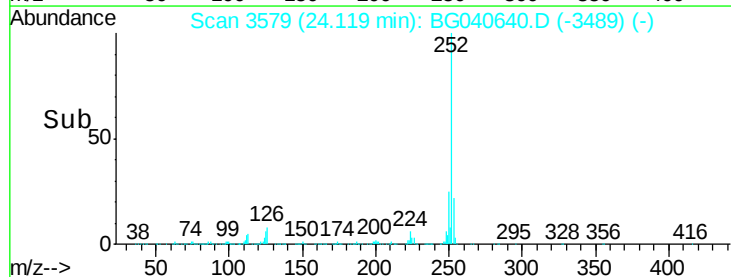
200000

100000

0

24.00 24.10 24.20

Time-->

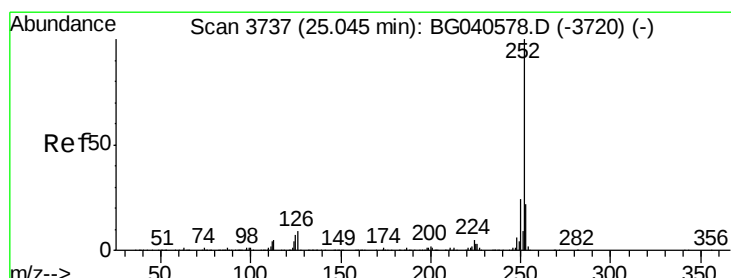
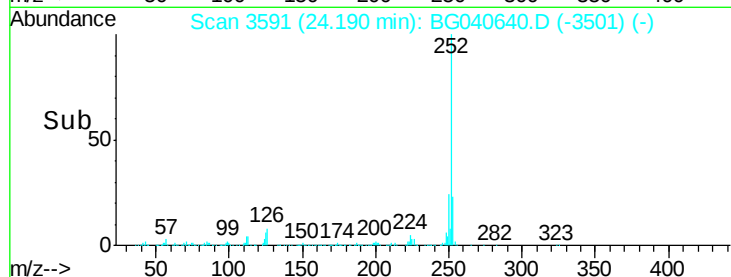
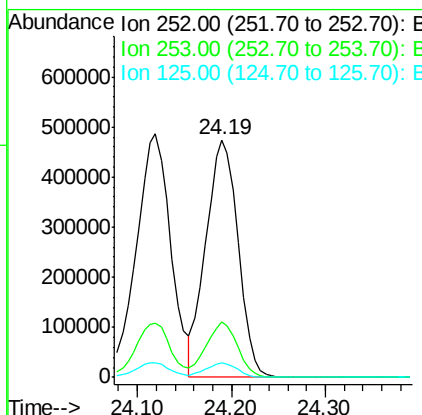
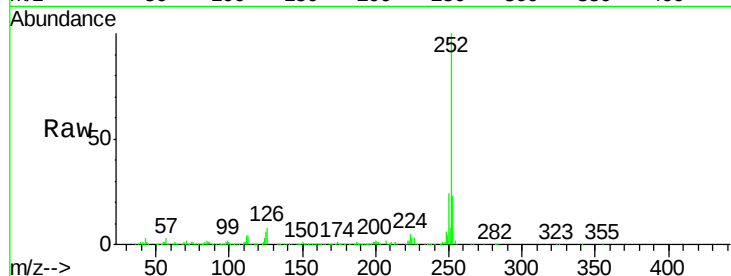




#89
Benzo(k)fluoranthene
Concen: 41.111 ng
RT: 24.19 min Scan# 3591
Delta R.T. -0.00 min
Lab File: BG040640.D
Acq: 26 Apr 2019 23:08

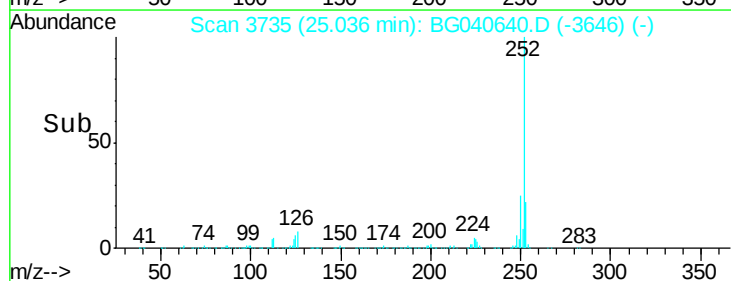
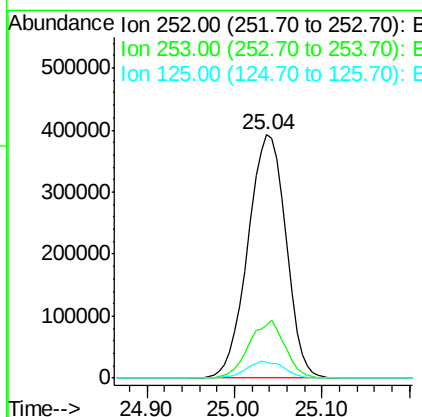
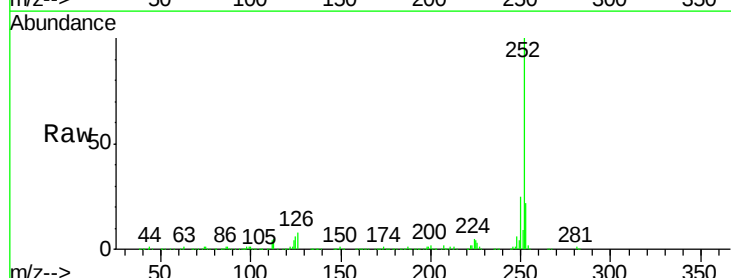
Instrument :
BNA_G
ClientSampleId :

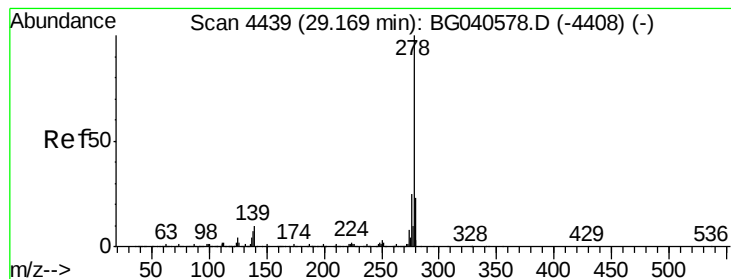
Tot Ion:252 Resp: 1136761
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 6.2 5.5 8.3



#90
Benzo(a)pyrene
Concen: 41.593 ng
RT: 25.04 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG040640.D
Acq: 26 Apr 2019 23:08

Tgt Ion:252 Resp: 1165706
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 6.3 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 40.791 ng

RT: 29.16 min Scan# 4437

Delta R.T. -0.01 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

Instrument :

BNA_G

ClientSampleId :

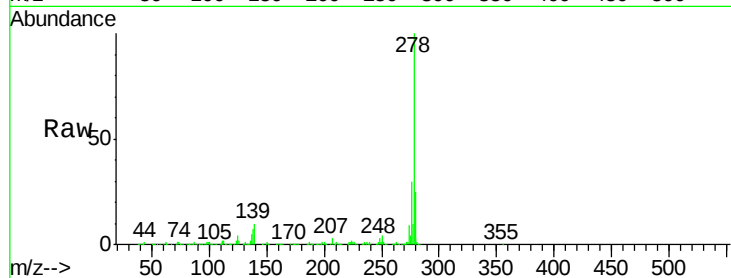
Tot Ion:278 Resp: 1156916

Ion Ratio Lower Upper

278 100

139 9.6 8.2 12.4

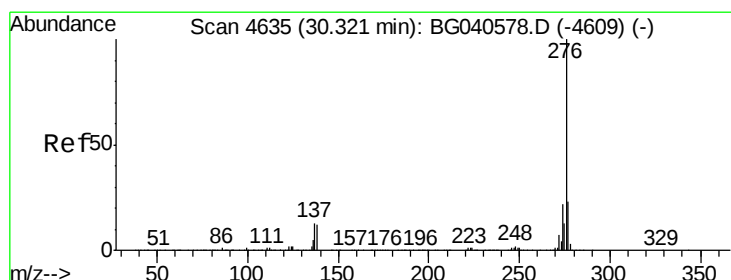
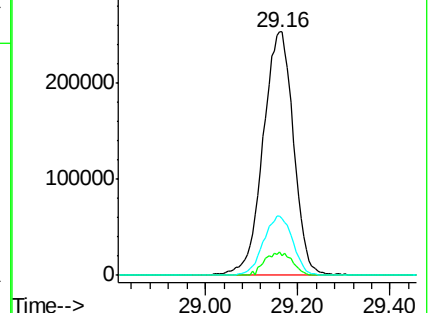
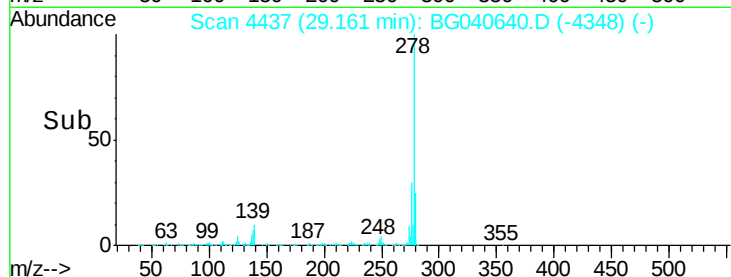
279 24.6 18.5 27.7



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: 41.103 ng

RT: 30.32 min Scan# 4634

Delta R.T. -0.00 min

Lab File: BG040640.D

Acq: 26 Apr 2019 23:08

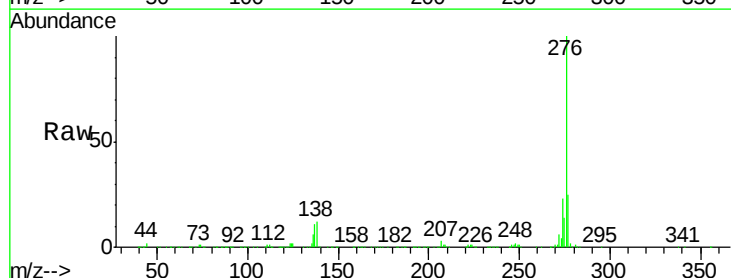
Tgt Ion:276 Resp: 1160199

Ion Ratio Lower Upper

276 100

277 24.9 18.4 27.6

138 12.4 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

