

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041519\
 Data File : BG040479.D
 Acq On : 15 Apr 2019 14:18
 Operator : JU/SJ
 Sample : PB118875BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 15 23:20:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	48549	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	203481	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	129597	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	352228	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	387293	20.00	ng	-0.03
87) Perylene-d12	24.98	264	382413	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	394357	135.04	ng	-0.01
7) Phenol-d6	7.20	99	547068	135.55	ng	-0.02
23) Nitrobenzene-d5	9.22	82	332876	86.95	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	211584	151.07	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	761209	87.03	ng	-0.02
79) Terphenyl-d14	20.02	244	1413645	82.11	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	45816	33.364	ng	100
3) Pyridine	3.89	79	113928	30.814	ng	99
4) n-Nitrosodimethylamine	3.81	42	61858	36.169	ng	# 93
6) Aniline	7.37	93	152341	29.052	ng	99
8) 2-Chlorophenol	7.61	128	137736	40.290	ng	95
9) Benzaldehyde	7.19	77	61882	22.352	ng	95
10) Phenol	7.23	94	182780	41.723	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	132423	37.741	ng	97
12) 1,3-Dichlorobenzene	7.93	146	135551	36.475	ng	95
13) 1,4-Dichlorobenzene	8.08	146	141259	38.165	ng	98
14) 1,2-Dichlorobenzene	8.40	146	136447	38.549	ng	99
15) Benzyl Alcohol	8.29	79	123534	38.006	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	258464	38.382	ng	98
17) 2-Methylphenol	8.48	107	125032	41.246	ng	97
18) Hexachloroethane	9.12	117	49920	35.457	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	106646	36.854	ng	99
20) 3+4-Methylphenols	8.81	107	172232	41.940	ng	97
22) Acetophenone	8.88	105	209648	41.303	ng	# 97
24) Nitrobenzene	9.26	77	158485	39.979	ng	99
25) Isophorone	9.78	82	306238	38.879	ng	98
26) 2-Nitrophenol	9.98	139	76135	40.532	ng	97
27) 2,4-Dimethylphenol	10.02	122	140517	47.095	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	183251	39.323	ng	98
29) 2,4-Dichlorophenol	10.50	162	140334	43.332	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	145004	40.776	ng	97
31) Naphthalene	10.91	128	433775	41.590	ng	98
32) Benzoic acid	10.17	122	38772	21.507	ng	87
33) 4-Chloroaniline	11.03	127	123886	27.846	ng	97
34) Hexachlorobutadiene	11.17	225	85764	37.710	ng	95
35) Caprolactam	11.81	113	53132	41.341	ng	96
36) 4-Chloro-3-methylphenol	12.14	107	161995	43.510	ng	99
37) 2-Methylnaphthalene	12.51	142	322858	41.855	ng	98
38) 1-Methylnaphthalene	12.73	142	306848	41.022	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	164364	39.903	ng	99

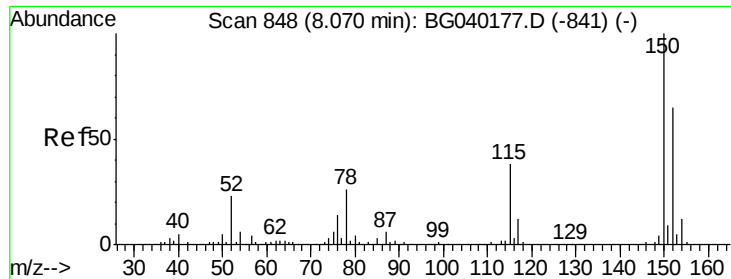
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041519\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	177573	78.515	nq	96
43) 2,4,6-Trichlorophenol	13.12	196	112051	42.193	nq	98
44) 2,4,5-Trichlorophenol	13.19	196	124330	42.952	nq	96
46) 1,1'-Biphenyl	13.51	154	415011	40.529	nq	100
47) 2-Chloronaphthalene	13.56	162	322230	41.024	nq	99
48) 2-Nitroaniline	13.78	65	115039	43.420	nq	99
49) Acenaphthylene	14.41	152	545747	40.980	nq	99
50) Dimethylphthalate	14.13	163	429837	42.379	nq	97
51) 2,6-Dinitrotoluene	14.26	165	97937	43.003	nq	98
52) Acenaphthene	14.74	154	311256	40.788	nq	100
53) 3-Nitroaniline	14.60	138	81755	33.913	nq	# 94
54) 2,4-Dinitrophenol	14.81	184	88586	73.140	nq	93
55) Dibenzofuran	15.08	168	523653	42.705	nq	98
56) 4-Nitrophenol	14.91	139	166631	85.643	nq	96
57) 2,4-Dinitrotoluene	15.05	165	147679	46.667	nq	# 97
58) Fluorene	15.73	166	423329	43.911	nq	94
59) 2,3,4,6-Tetrachlorophenol	15.30	232	123335	46.954	nq	98
60) Diethylphthalate	15.48	149	456854	44.017	nq	100
61) 4-Chlorophenyl-phenylether	15.71	204	220375	42.765	nq	95
62) 4-Nitroaniline	15.76	138	117504	45.419	nq	99
63) Azobenzene	16.00	77	425863	43.499	nq	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	77140	38.982	nq	98
66) n-Nitrosodiphenylamine	15.93	169	403582	39.155	nq	100
67) 4-Bromophenyl-phenylether	16.60	248	150776	38.038	nq	96
68) Hexachlorobenzene	16.72	284	155532	39.025	nq	97
69) Atrazine	16.87	200	155325	40.511	nq	100
70) Pentachlorophenol	17.07	266	161810	70.226	nq	97
71) Phenanthrene	17.47	178	754216	40.738	nq	100
72) Anthracene	17.56	178	777488	41.957	nq	99
73) Carbazole	17.83	167	764028	43.566	nq	99
74) Di-n-butylphthalate	18.37	149	902752	43.427	nq	99
75) Fluoranthene	19.48	202	979686	44.688	nq	99
77) Benzidine	19.66	184	383770	27.440	nq	98
78) Pyrene	19.83	202	988895	38.828	nq	99
80) Butylbenzylphthalate	20.70	149	454437	41.697	nq	97
81) Benzo(a)anthracene	21.68	228	927728	38.890	nq	99
82) 3,3'-Dichlorobenzidine	21.60	252	268635	29.603	nq	99
83) Chrysene	21.75	228	912165	39.787	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	647768	41.579	nq	99
85) Di-n-octyl phthalate	22.77	149	1106718	41.695	nq	100
86) Indeno(1,2,3-cd)pyrene	28.75	276	1111370	39.635	nq	99
88) Benzo(b)fluoranthene	23.93	252	997056	42.586	nq	98
89) Benzo(k)fluoranthene	24.00	252	980532	45.541	nq	99
90) Benzo(a)pyrene	24.83	252	992325	45.173	nq	99
91) Dibenzo(a,h)anthracene	28.81	278	886586	43.455	nq	98
92) Benzo(g,h,i)perylene	29.94	276	912767	43.532	nq	97

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

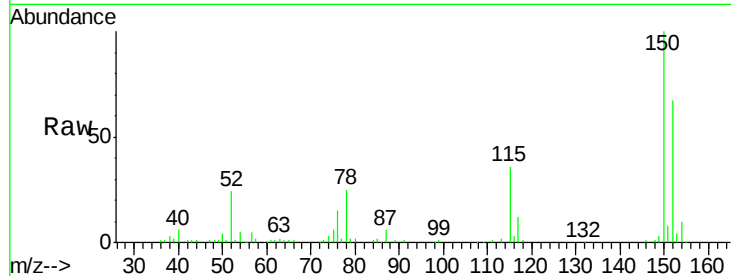


#1

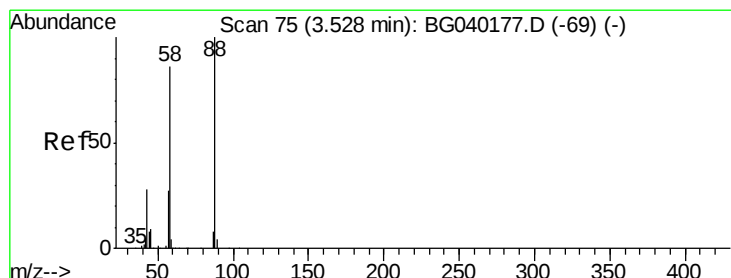
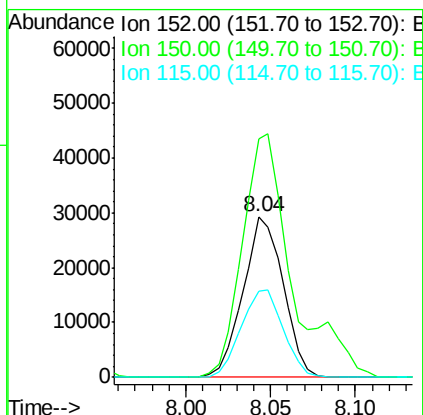
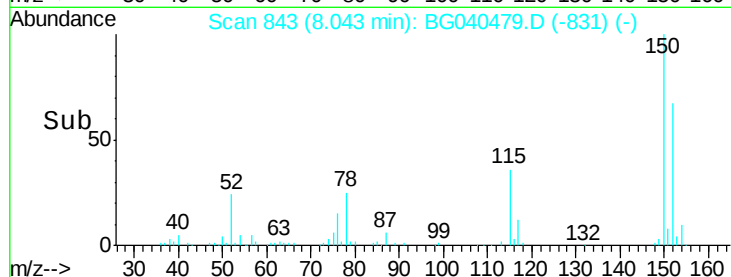
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 48549
Ion Ratio Lower Upper
152 100
150 148.2 123.7 185.5
115 54.0 46.9 70.3



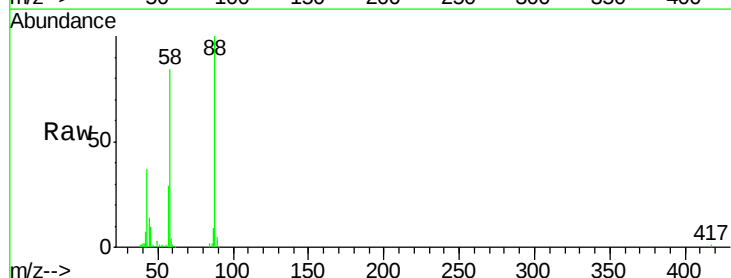
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



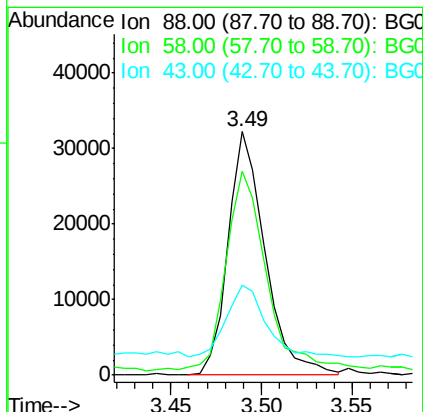
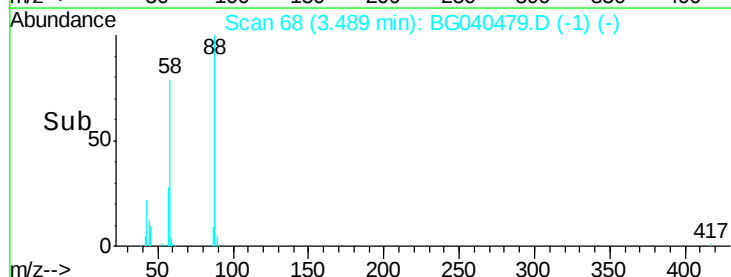
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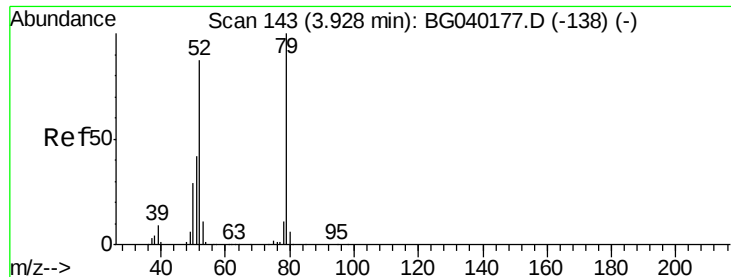
1,4-Dioxane
Concen: 33.364 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.04 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

Tgt Ion: 88 Resp: 45816
Ion Ratio Lower Upper
88 100
58 88.1 70.6 106.0
43 31.7 24.8 37.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.814 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.03 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

Instrument :

BNA_G

ClientSampleId :

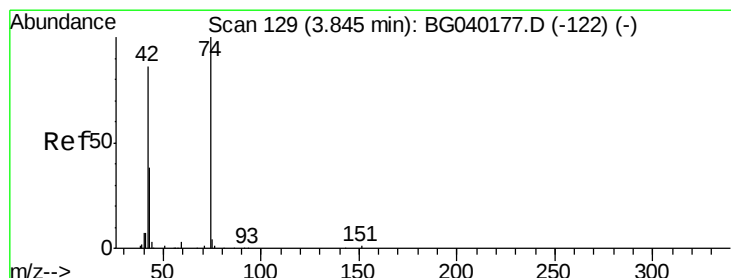
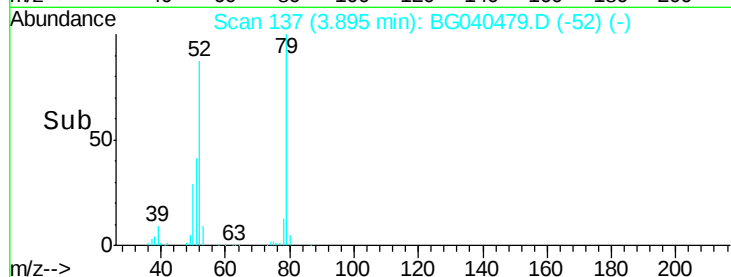
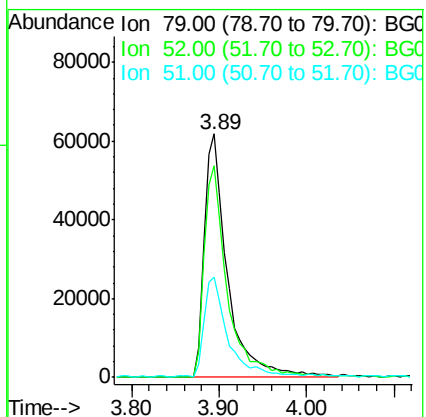
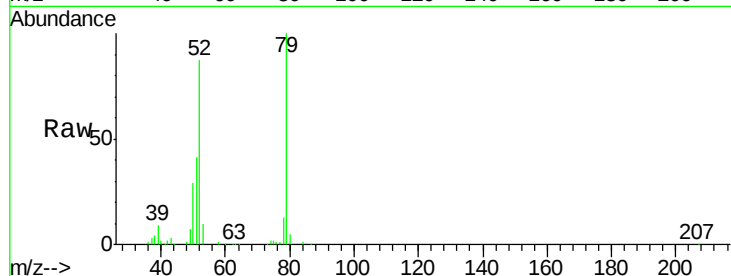
Tot Ion: 79 Resp: 113928

Ion Ratio Lower Upper

79 100

52 86.7 69.8 104.8

51 41.4 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 36.169 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.03 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

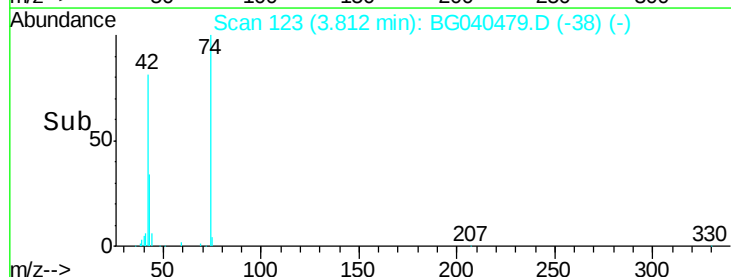
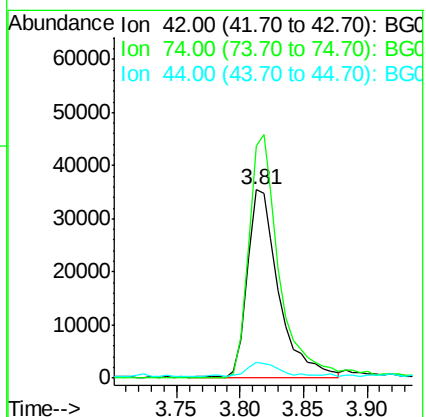
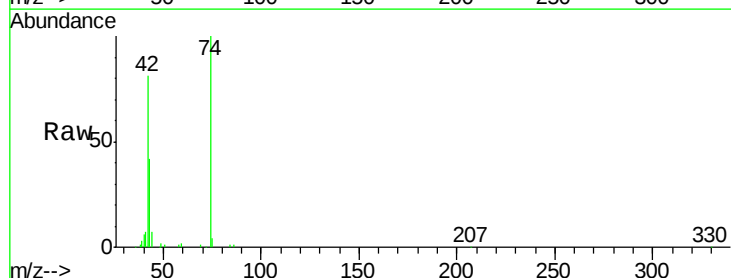
Tgt Ion: 42 Resp: 61858

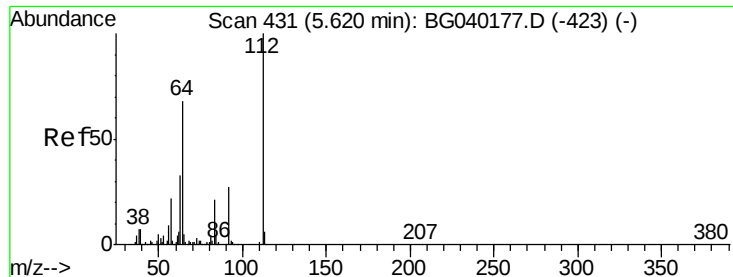
Ion Ratio Lower Upper

42 100

74 123.1 92.9 139.3

44 8.6 9.7 14.5#





#5

2-Fluorophenol

Concen: 135.036 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.01 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

Instrument :

BNA_G

ClientSampleId :

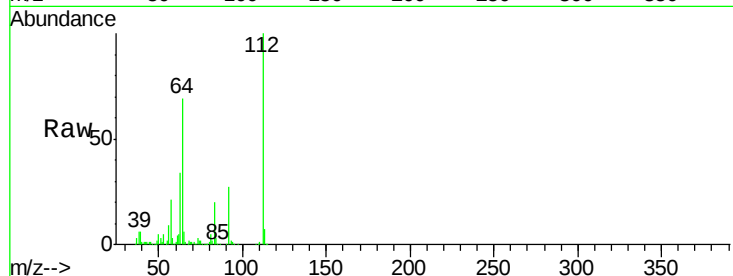
Tot Ion:112 Resp: 394357

Ion Ratio Lower Upper

112 100

64 69.3 54.2 81.2

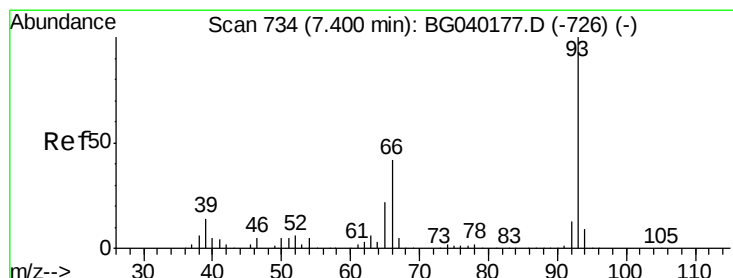
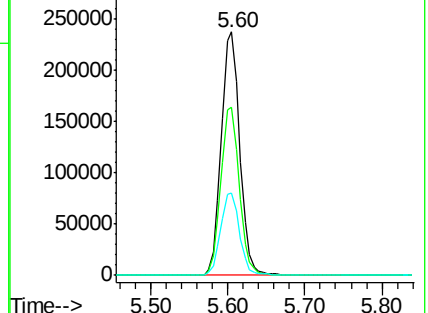
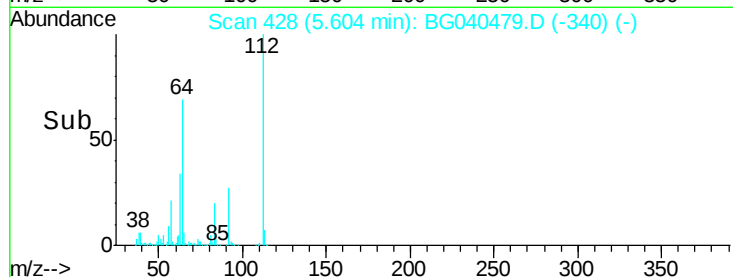
63 33.6 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.052 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

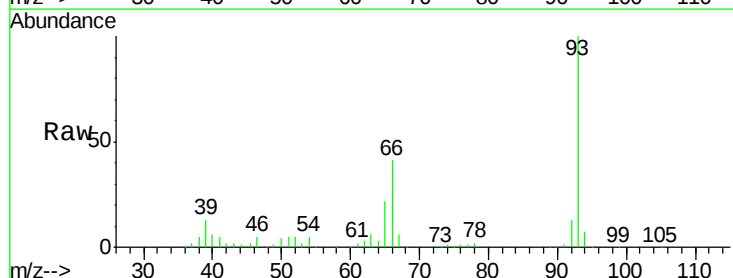
Tgt Ion: 93 Resp: 152341

Ion Ratio Lower Upper

93 100

66 40.9 33.6 50.4

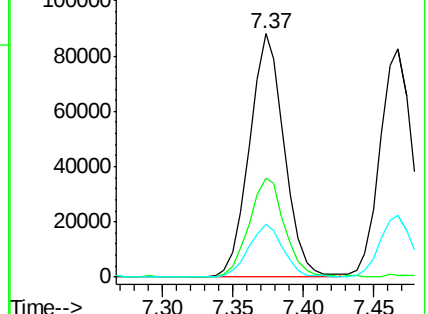
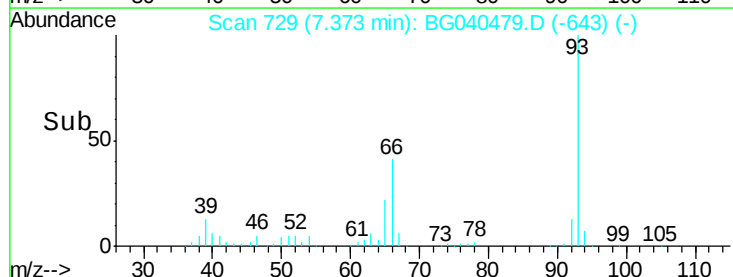
65 21.6 17.4 26.2



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 135.546 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

Instrument :

BNA_G

ClientSampleId :

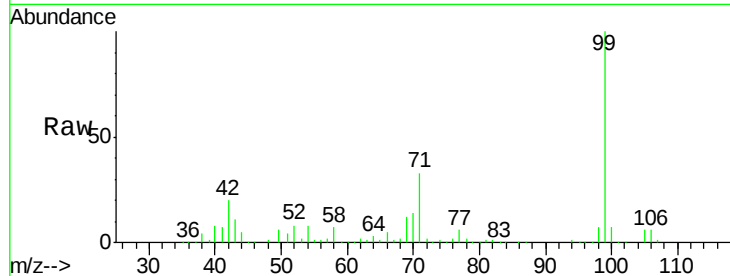
Tot Ion: 99 Resp: 547068

Ion Ratio Lower Upper

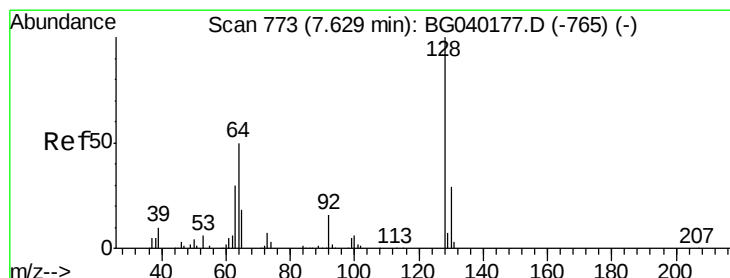
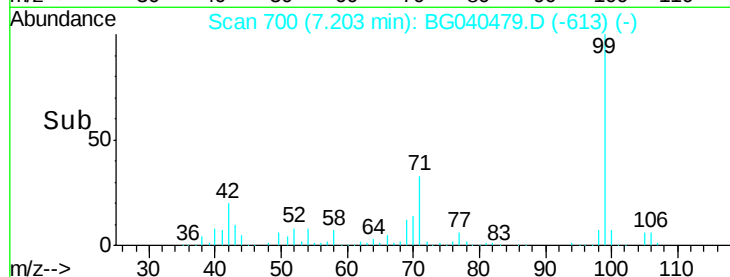
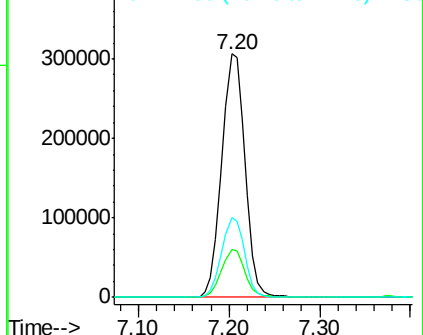
99 100

42 19.7 16.2 24.2

71 32.9 26.8 40.2



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



#8

2-Chlorophenol

Concen: 40.290 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

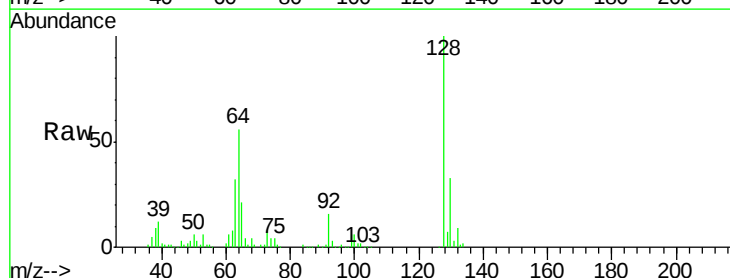
Tgt Ion: 128 Resp: 137736

Ion Ratio Lower Upper

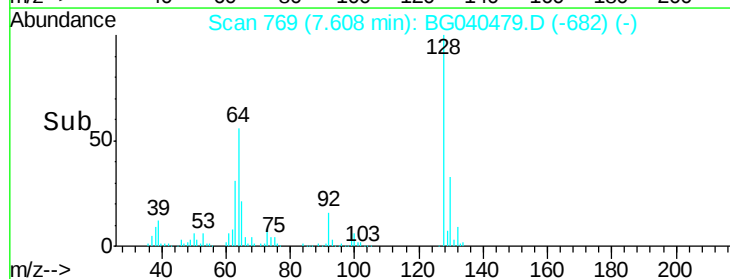
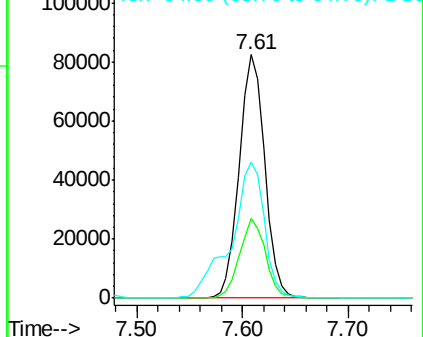
128 100

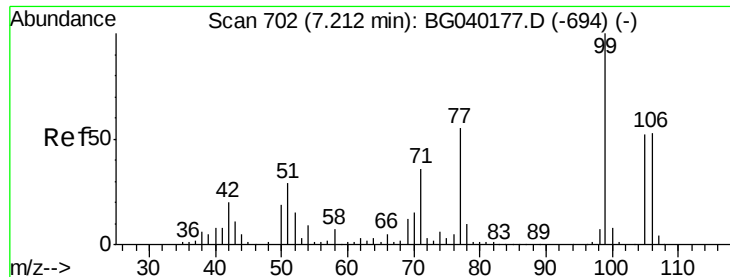
130 32.8 9.1 49.1

64 56.1 33.1 73.1



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

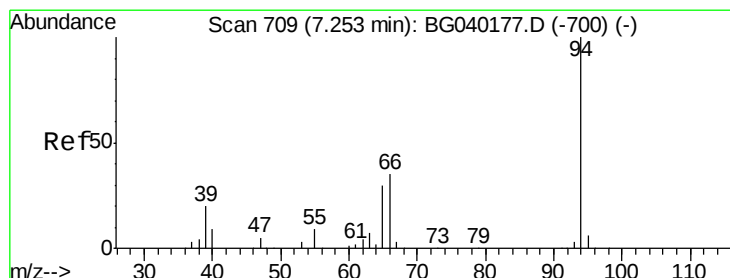
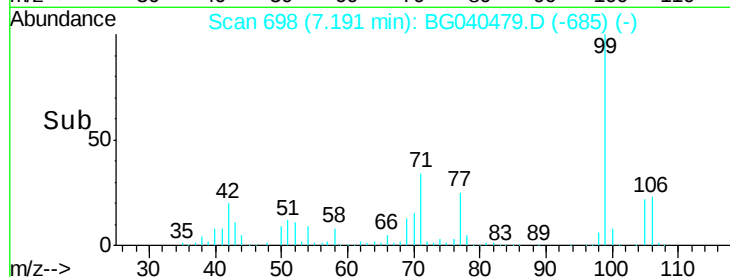
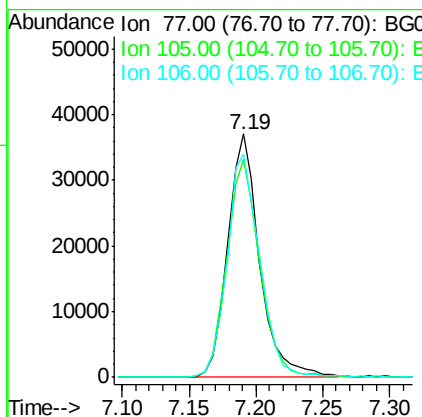
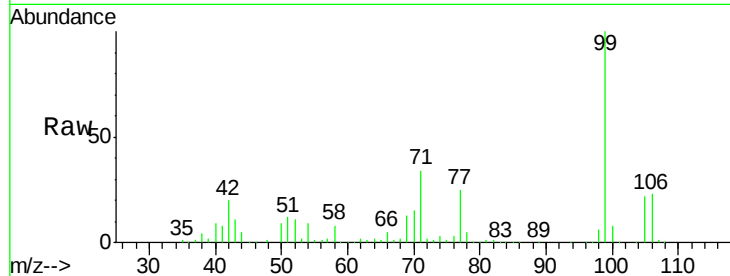




#9
Benzaldehyde
Concen: 22.352 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.02 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

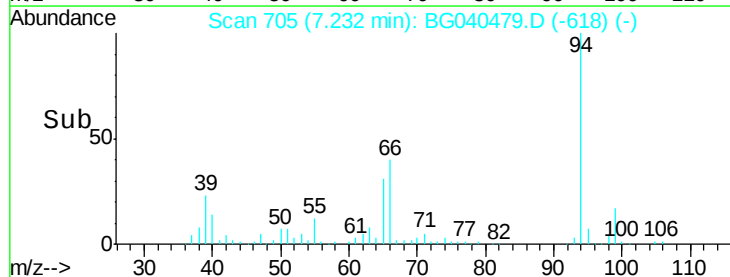
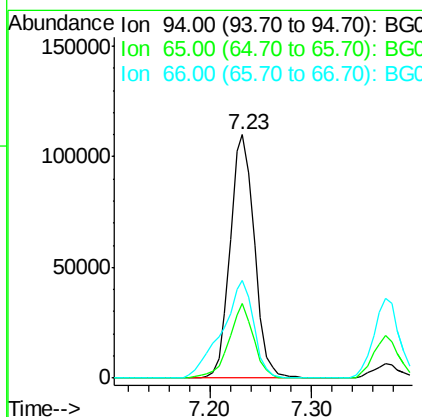
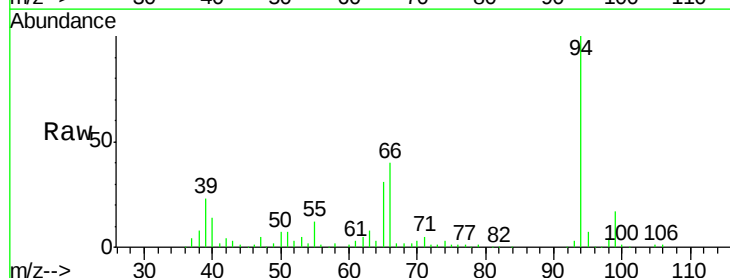
Instrument :
BNA_G
ClientSampleId :

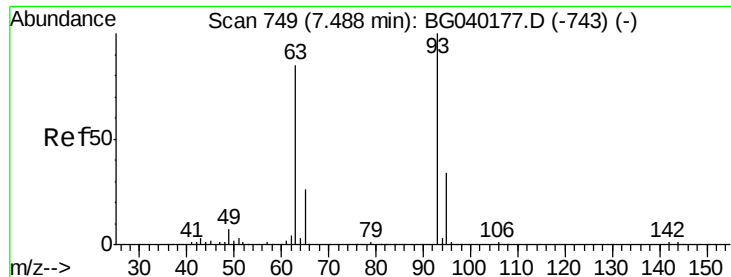
Tot Ion: 77 Resp: 61882
Ion Ratio Lower Upper
77 100
105 89.7 75.0 115.0
106 91.9 75.7 115.7



#10
Phenol
Concen: 41.723 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.02 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

Tgt Ion: 94 Resp: 182780
Ion Ratio Lower Upper
94 100
65 30.7 10.5 50.5
66 40.1 16.9 56.9





#11

bis(2-Chloroethyl)ether

Concen: 37.741 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

Instrument :

BNA_G

ClientSampleId :

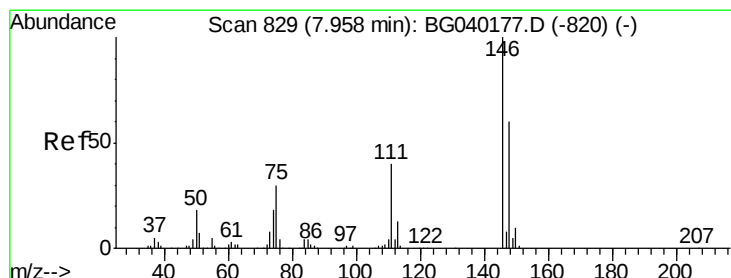
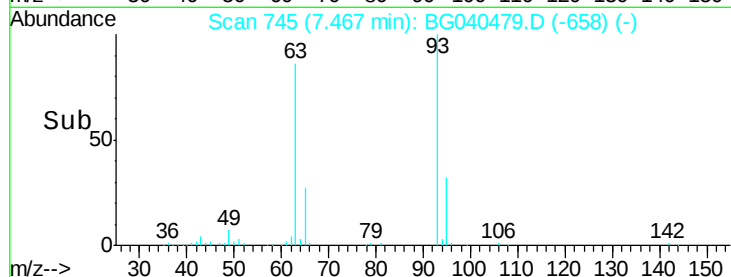
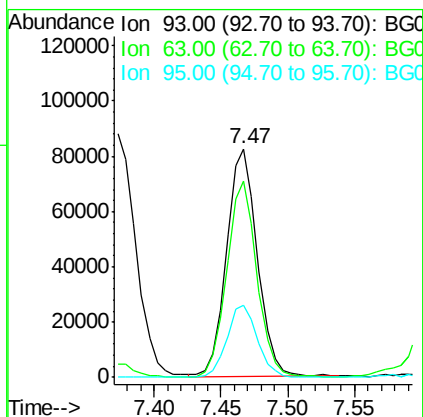
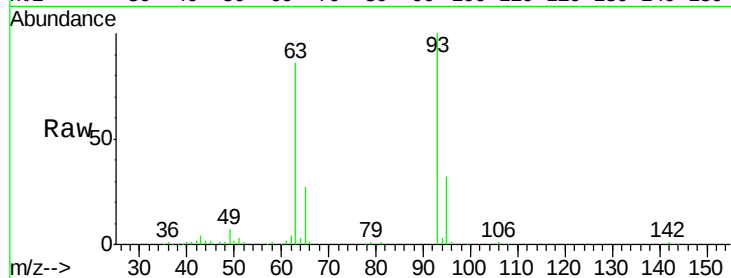
Tot Ion: 93 Resp: 132423

Ion Ratio Lower Upper

93 100

63 86.1 64.2 104.2

95 31.8 14.0 54.0



#12

1,3-Dichlorobenzene

Concen: 36.475 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

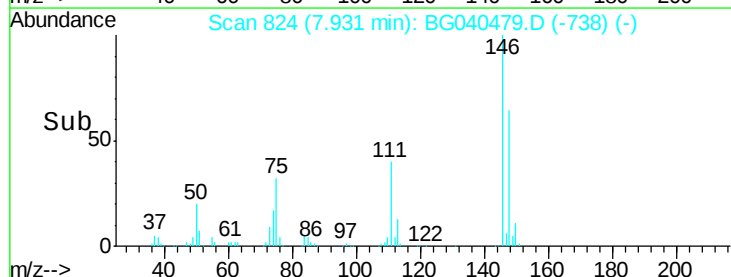
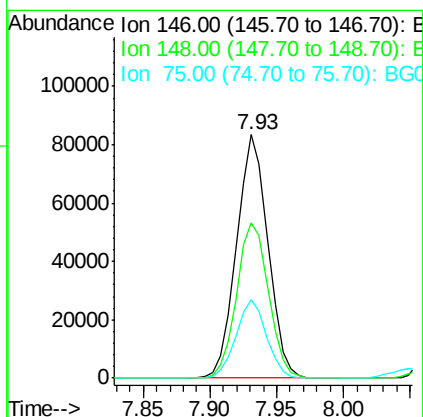
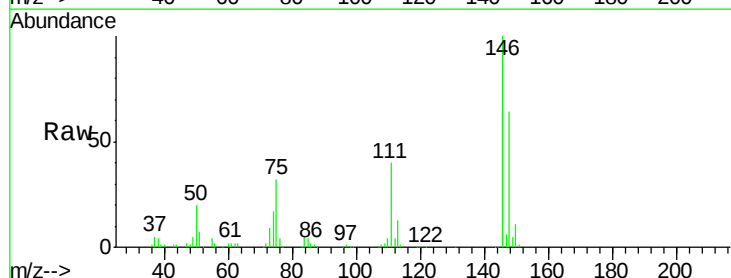
Tgt Ion: 146 Resp: 135551

Ion Ratio Lower Upper

146 100

148 63.9 48.2 72.2

75 32.5 24.1 36.1

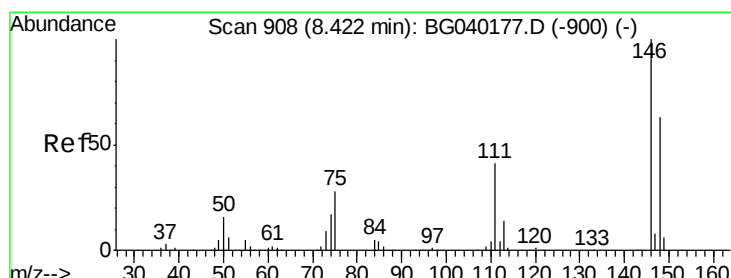
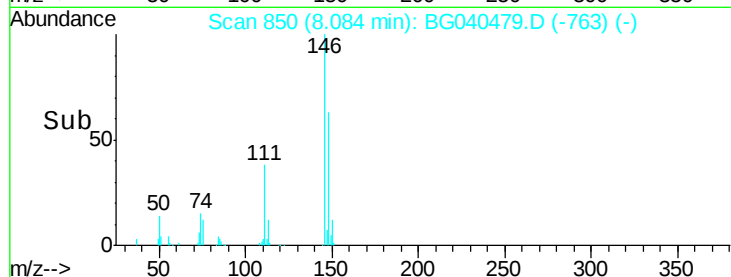
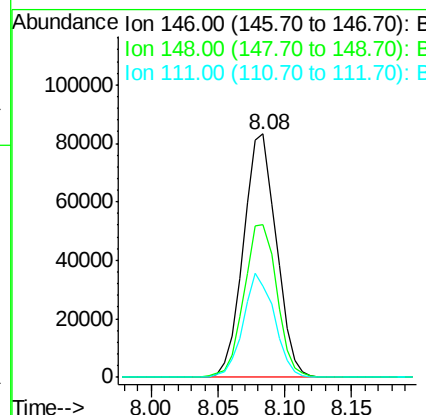
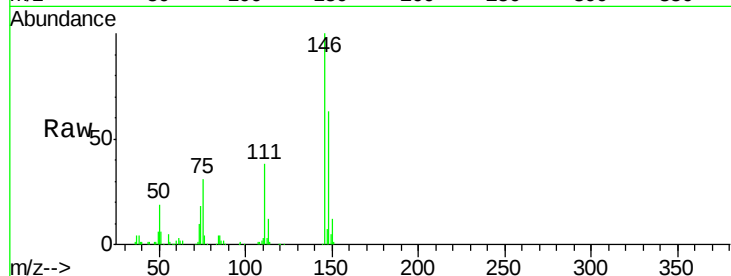




#13
 1,4-Dichlorobenzene
 Concen: 38.165 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: BG040479.D
 Acq: 15 Apr 2019 14:18

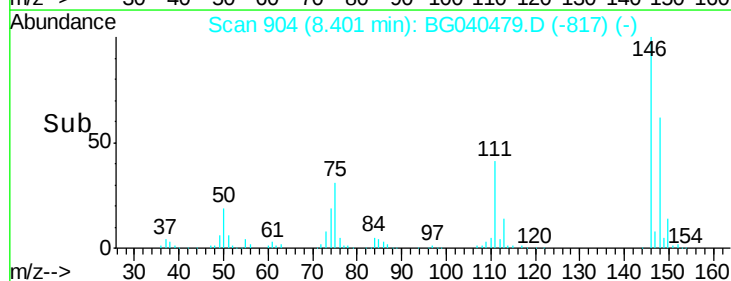
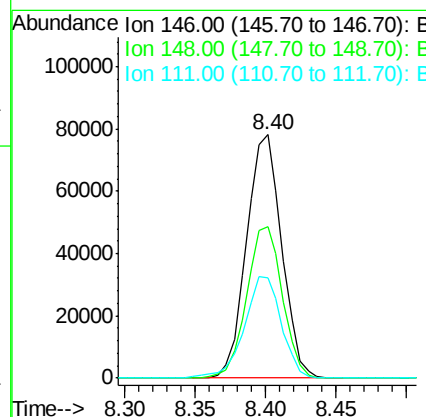
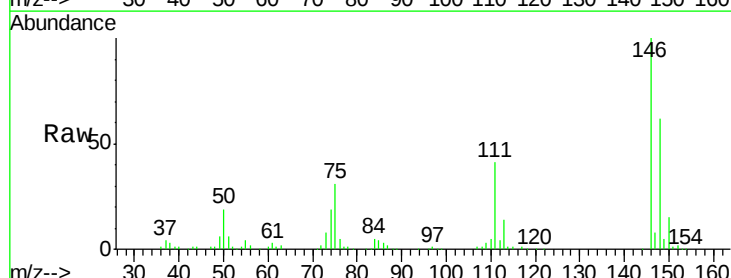
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 141259
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.0 76.4
 111 37.6 31.8 47.6



#14
 1,2-Dichlorobenzene
 Concen: 38.549 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG040479.D
 Acq: 15 Apr 2019 14:18

Tgt Ion:146 Resp: 136447
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.8 76.2
 111 41.0 33.4 50.0





#15

Benzyl Alcohol

Concen: 38.006 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

Instrument :

BNA_G

ClientSampleId :

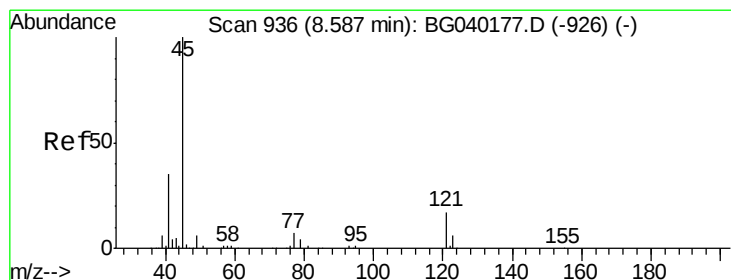
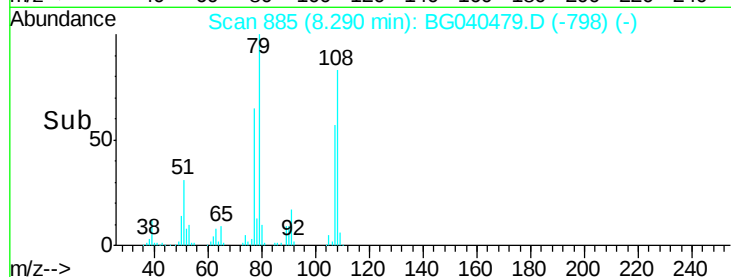
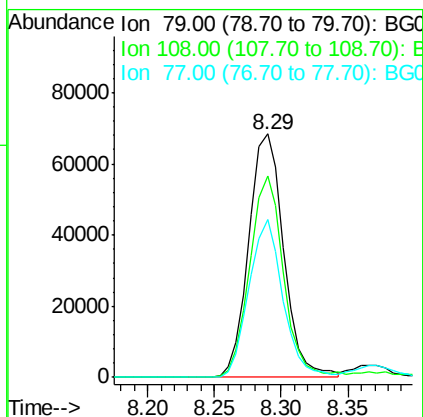
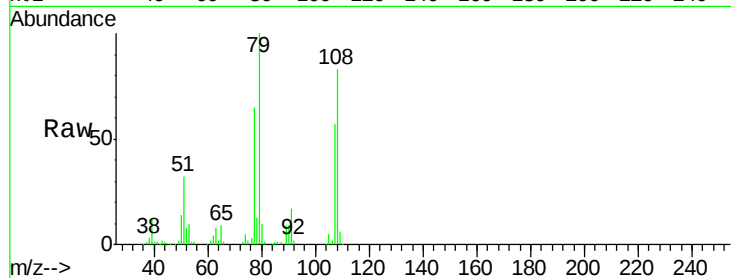
Tot Ion: 79 Resp: 123534

Ion Ratio Lower Upper

79 100

108 83.0 62.1 93.1

77 64.9 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.382 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.03 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

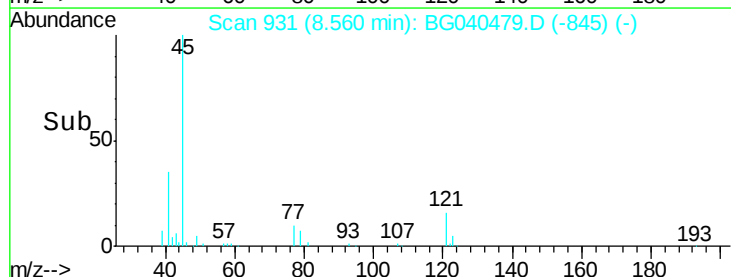
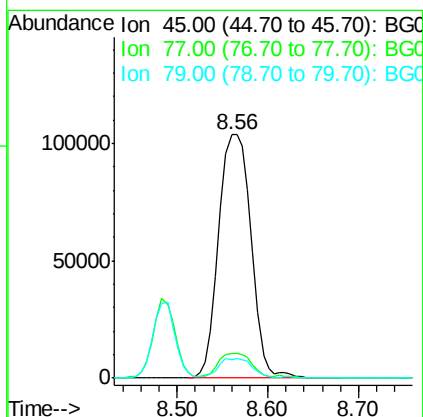
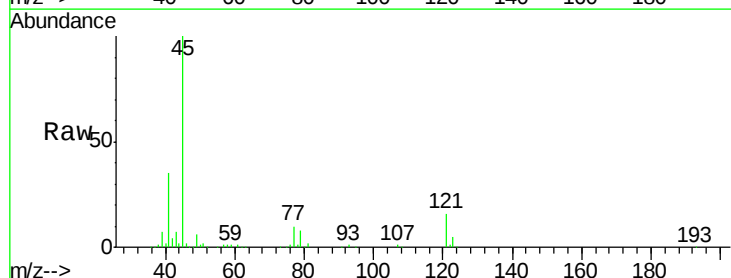
Tgt Ion: 45 Resp: 258464

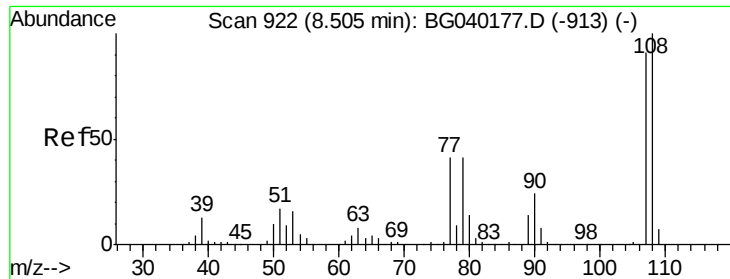
Ion Ratio Lower Upper

45 100

77 10.4 0.0 31.4

79 7.7 0.0 28.3





#17

2-Methylphenol

Concen: 41.246 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.02 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 125032

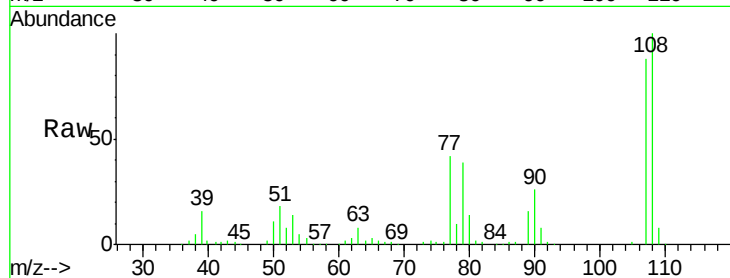
Ion Ratio Lower Upper

107 100

108 113.6 88.2 132.4

77 47.3 36.6 55.0

79 44.4 36.5 54.7

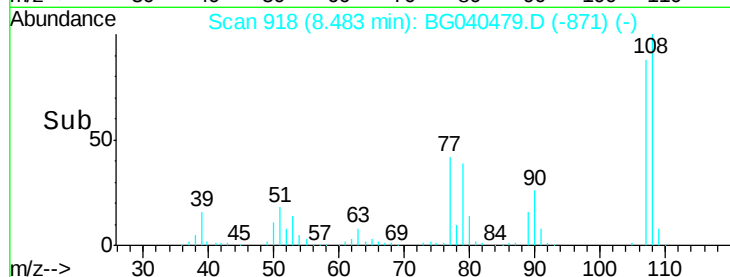


Abundance Ion 107.00 (106.70 to 107.70): E

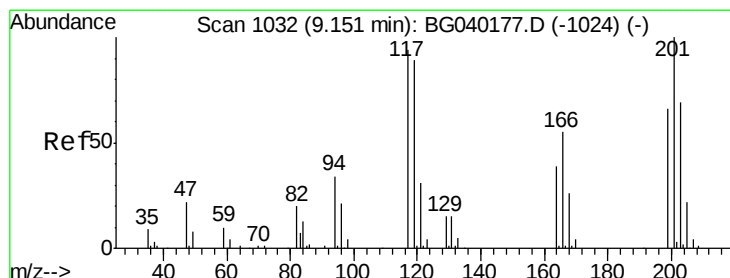
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 35.457 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

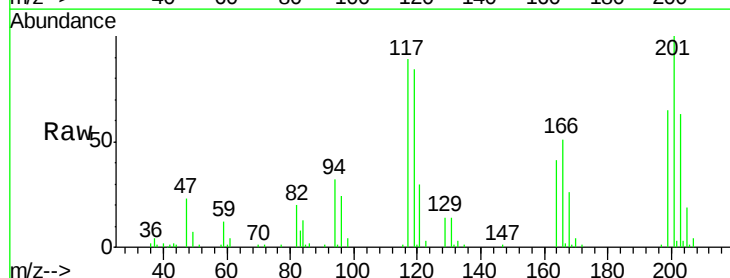
Tgt Ion:117 Resp: 49920

Ion Ratio Lower Upper

117 100

119 94.2 76.6 115.0

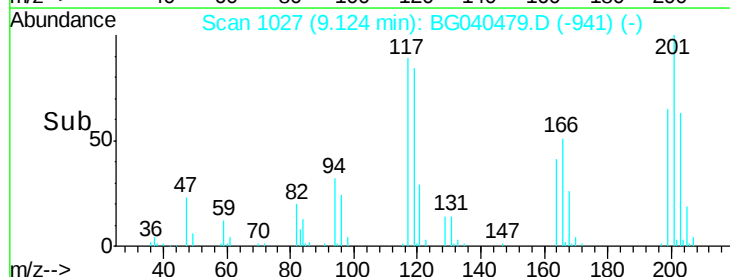
201 112.3 85.0 127.4



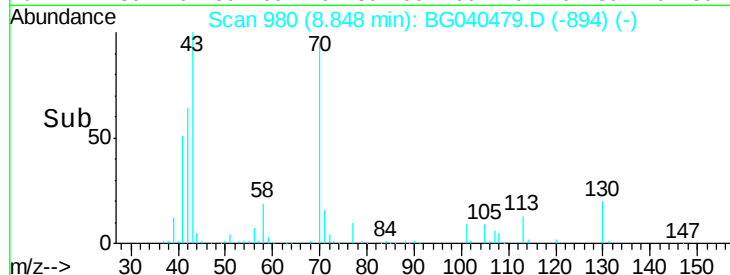
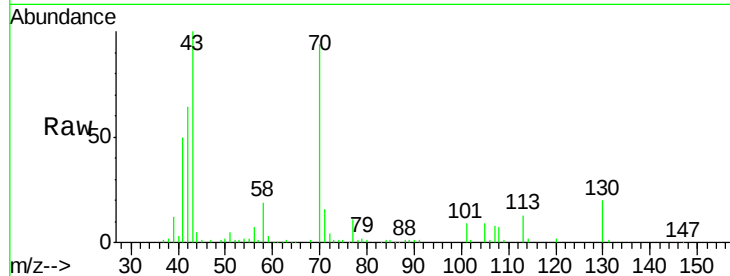
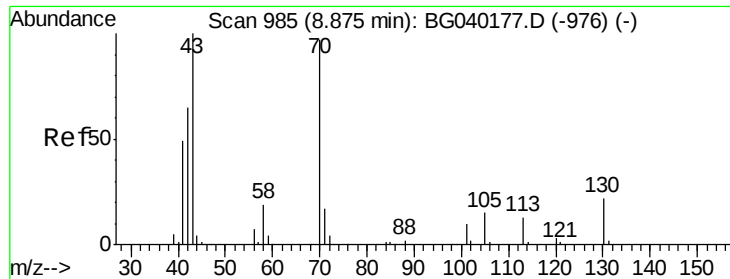
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



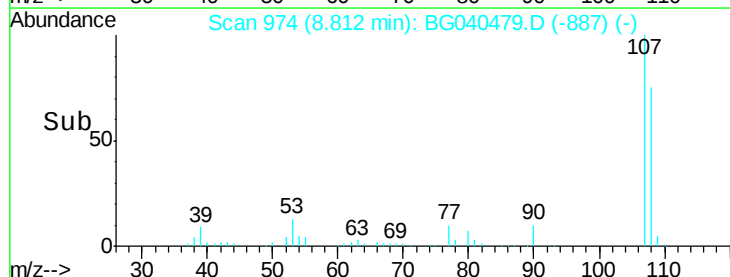
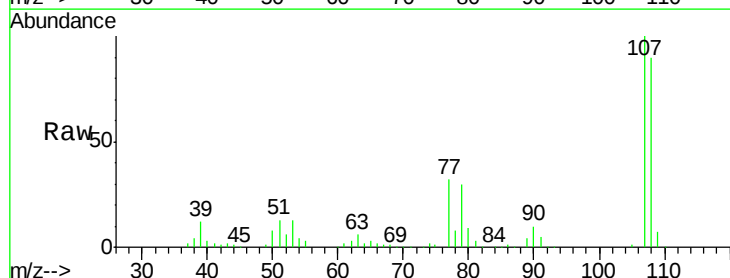
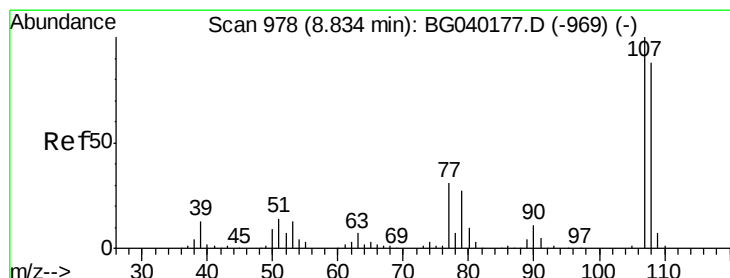
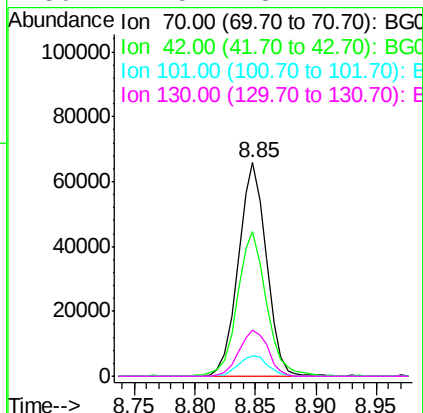
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 36.854 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

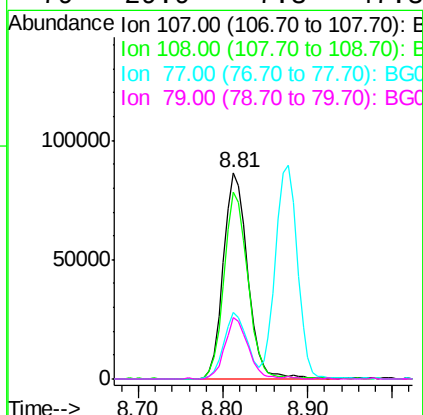
Instrument :
BNA_G
ClientSampleId :

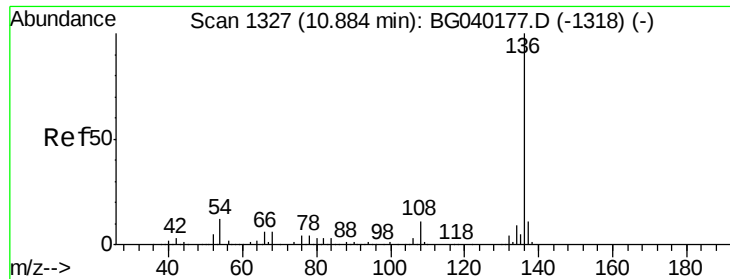
Tot Ion: 70 Resp: 106646
Ion Ratio Lower Upper
70 100
42 67.7 54.0 81.0
101 9.8 8.6 13.0
130 21.5 18.2 27.2



#20
3+4-Methylphenols
Concen: 41.940 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.02 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

Tgt Ion: 107 Resp: 172232
Ion Ratio Lower Upper
107 100
108 90.4 68.3 108.3
77 32.1 11.3 51.3
79 29.9 7.3 47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 203481

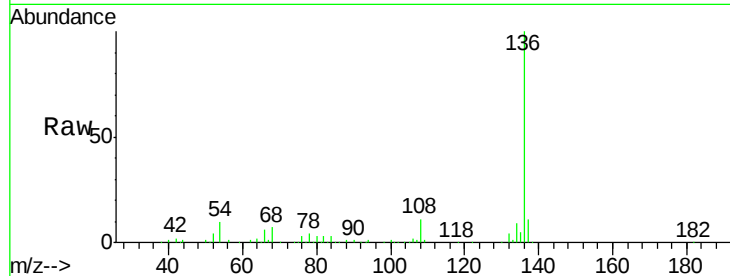
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 10.1 9.6 14.4

68 6.5 5.1 7.7

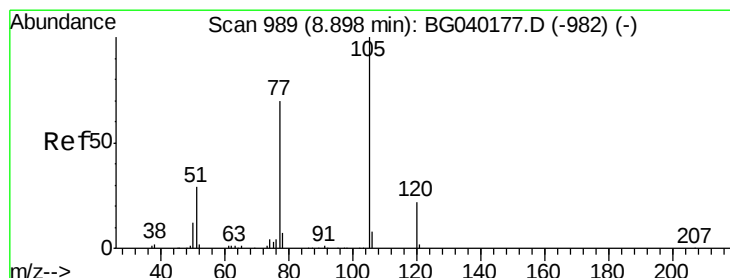
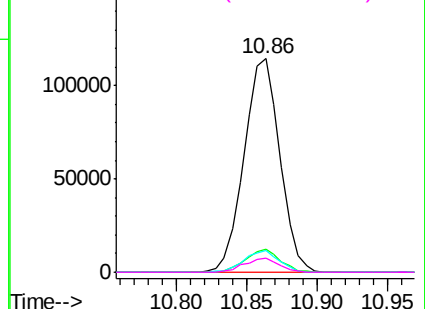
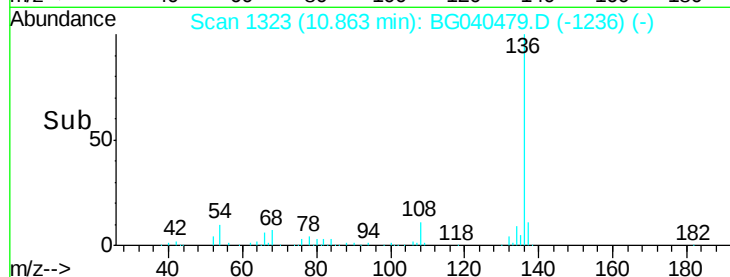


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.303 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.02 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

Tgt Ion:105 Resp: 209648

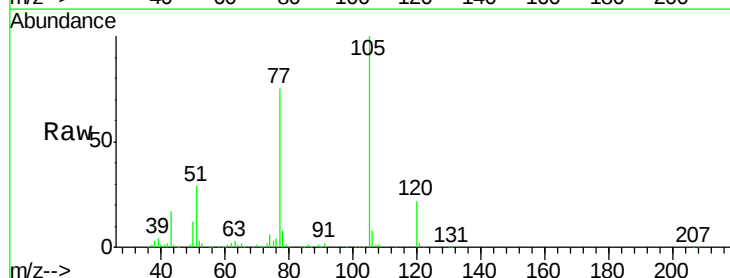
Ion Ratio Lower Upper

105 100

71 0.3 0.6 1.0#

51 29.1 25.1 37.7

120 22.2 17.6 26.4

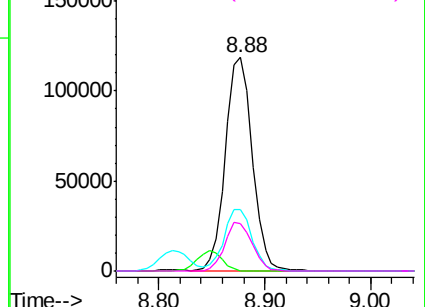
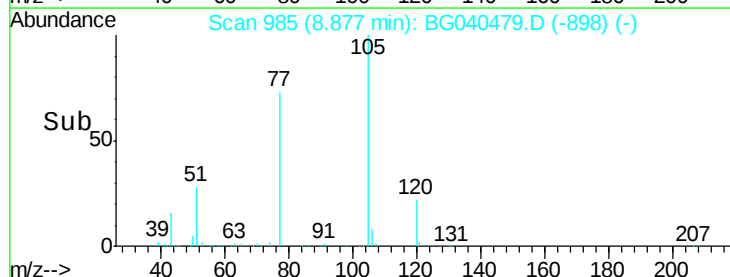


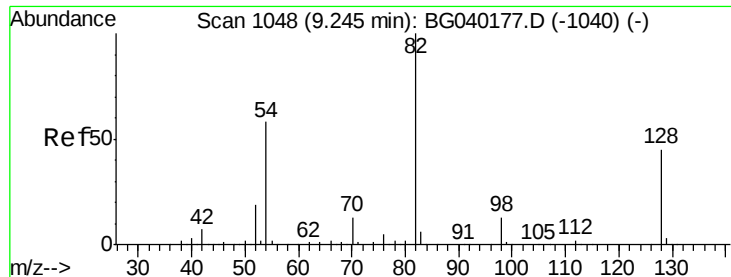
Abundance Ion 105.00 (104.70 to 105.70): E

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

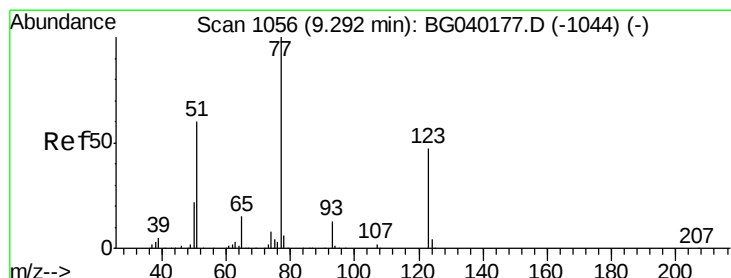
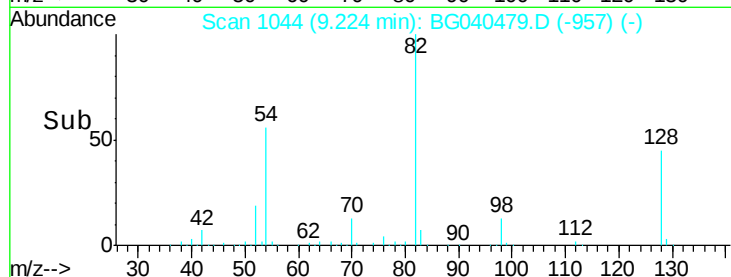
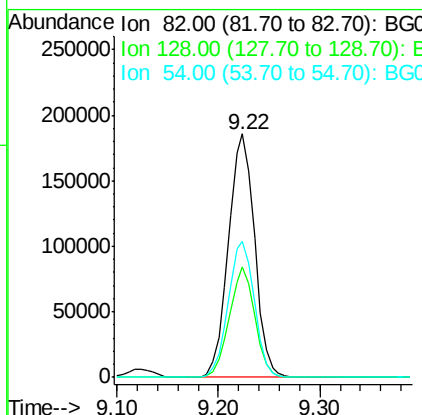
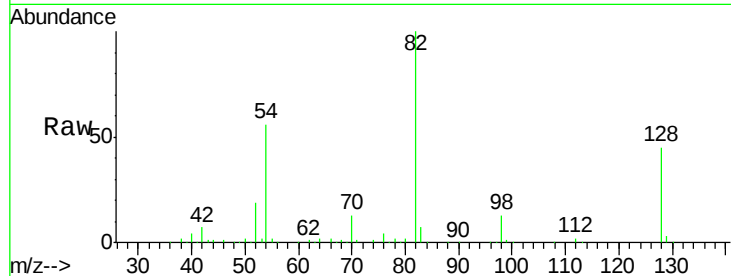




#23
Nitrobenzene-d5
Concen: 86.954 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

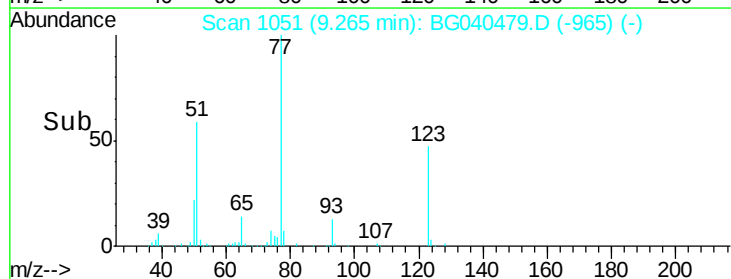
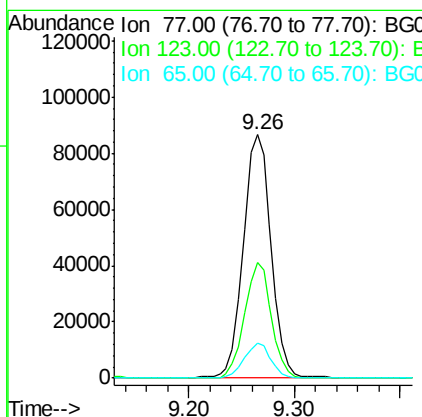
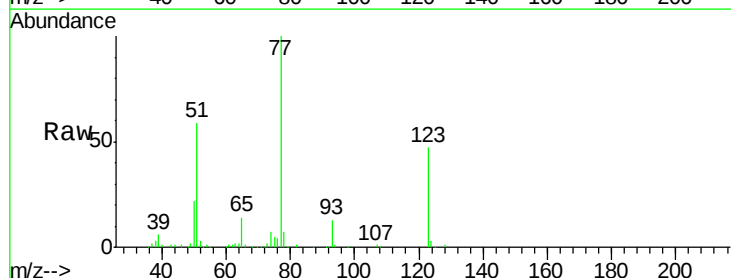
Instrument :
BNA_G
ClientSampleId :

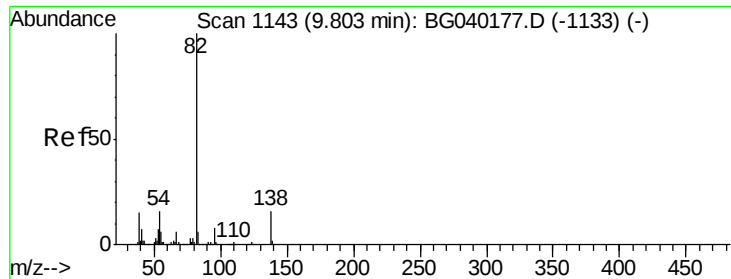
Tot Ion: 82 Resp: 332876
Ion Ratio Lower Upper
82 100
128 45.3 35.8 53.8
54 56.0 46.2 69.2



#24
Nitrobenzene
Concen: 39.979 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.03 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

Tgt Ion: 77 Resp: 158485
Ion Ratio Lower Upper
77 100
123 47.4 37.8 56.6
65 14.5 12.0 18.0





#25

Isophorone

Concen: 38.879 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

Instrument :

BNA_G

ClientSampled :

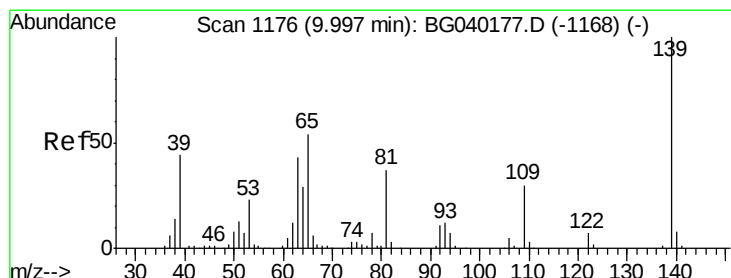
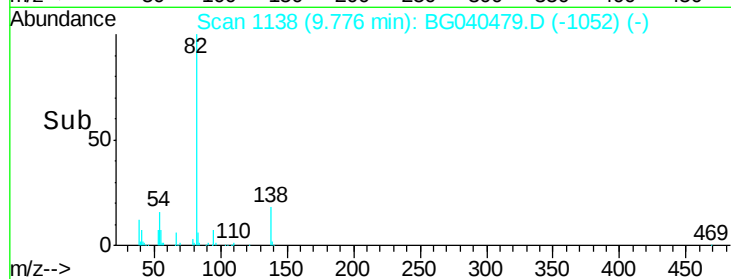
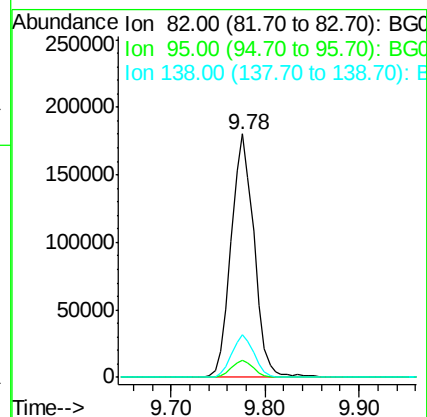
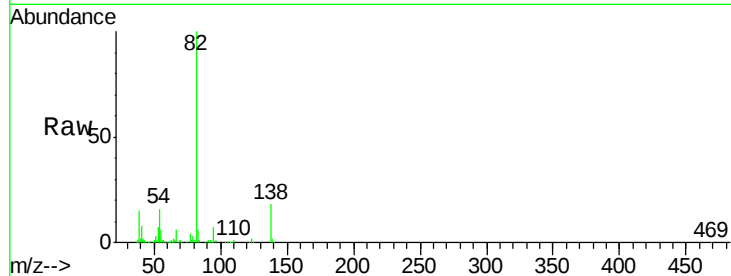
Tot Ion: 82 Resp: 306238

Ion Ratio Lower Upper

82 100

95 7.2 6.1 9.1

138 17.7 13.2 19.8



#26

2-Nitrophenol

Concen: 40.532 ng

RT: 9.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

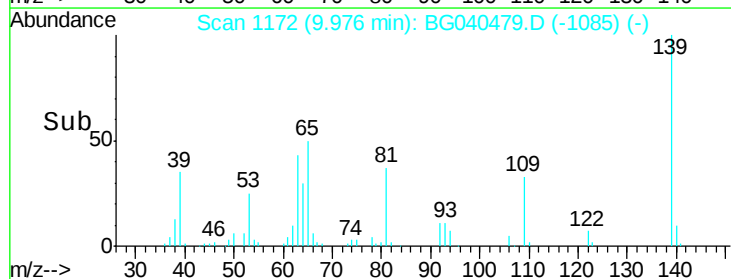
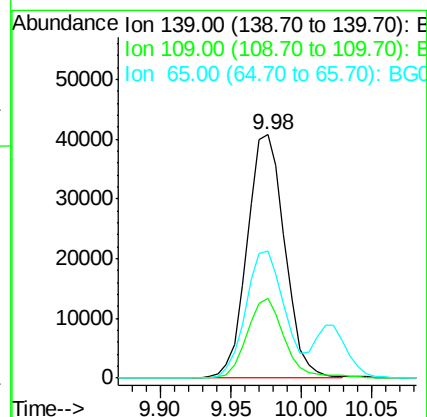
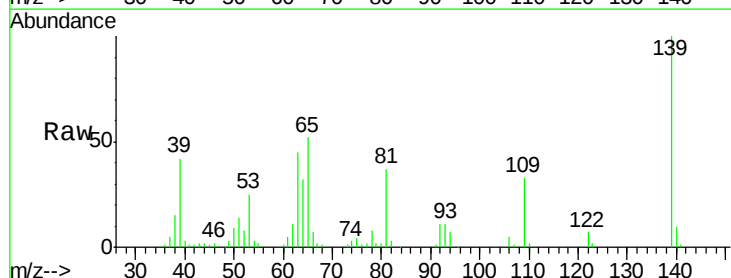
Tgt Ion: 139 Resp: 76135

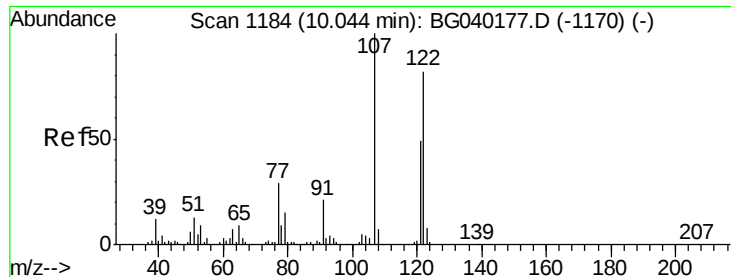
Ion Ratio Lower Upper

139 100

109 32.7 24.1 36.1

65 52.4 43.0 64.6

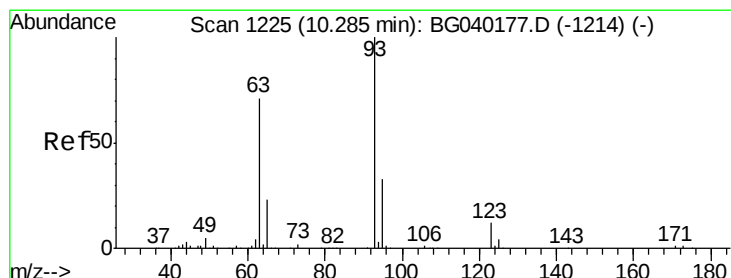
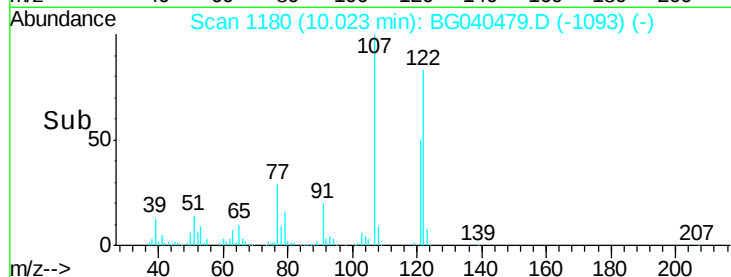
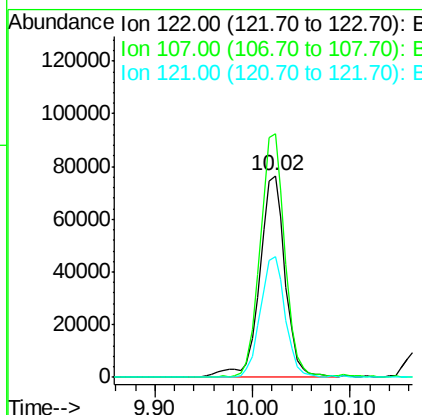
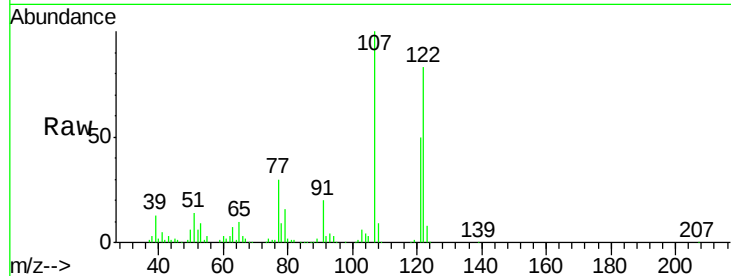




#27
 2,4-Dimethylphenol
 Concen: 47.095 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BG040479.D
 Acq: 15 Apr 2019 14:18

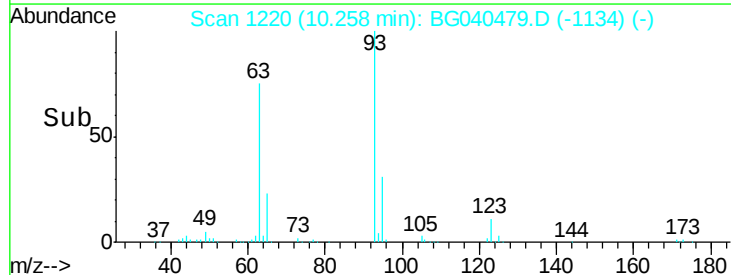
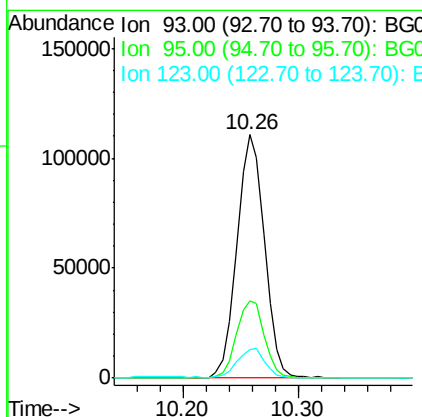
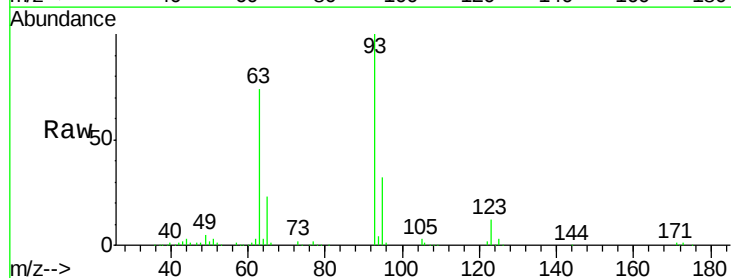
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 140517
 Ion Ratio Lower Upper
 122 100
 107 120.9 97.4 146.2
 121 59.9 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.323 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040479.D
 Acq: 15 Apr 2019 14:18

Tgt Ion: 93 Resp: 183251
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.2 39.4
 123 11.8 9.4 14.0

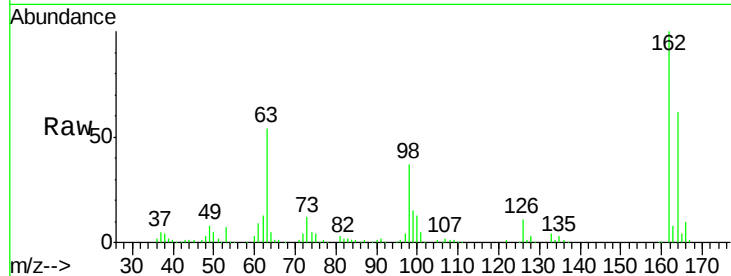




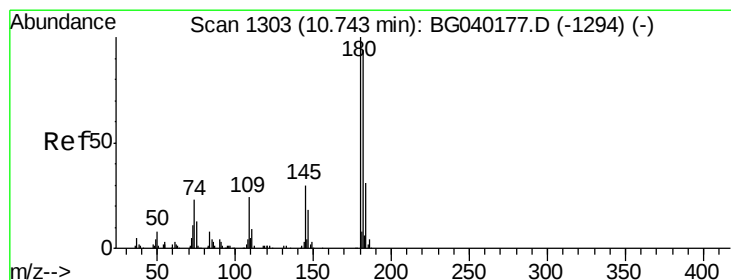
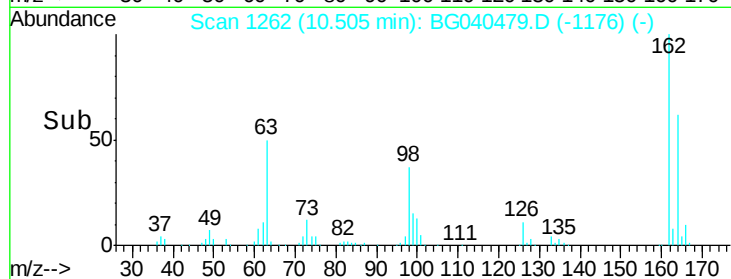
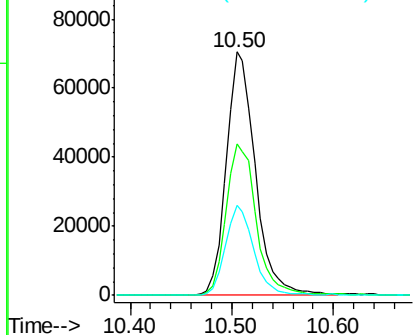
#29
 2,4-Dichlorophenol
 Concen: 43.332 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040479.D
 Acq: 15 Apr 2019 14:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	43.9	83.9
98	36.8	15.6	55.6

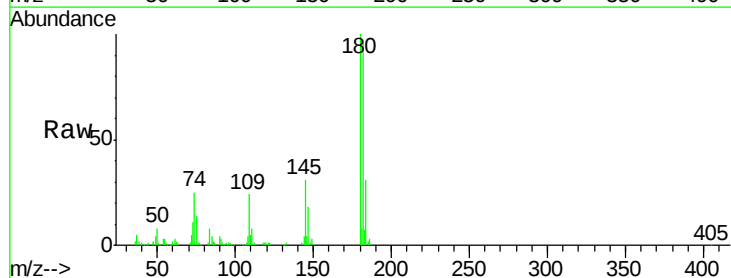


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

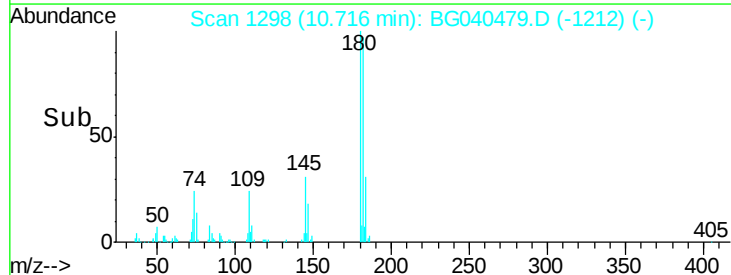
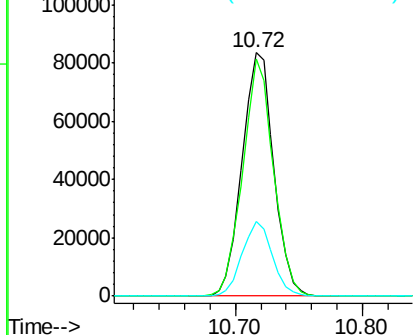


#30
 1,2,4-Trichlorobenzene
 Concen: 40.776 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BG040479.D
 Acq: 15 Apr 2019 14:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	75.1	112.7
145	30.7	24.1	36.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

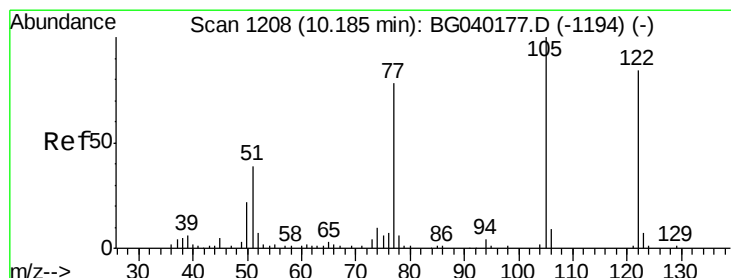
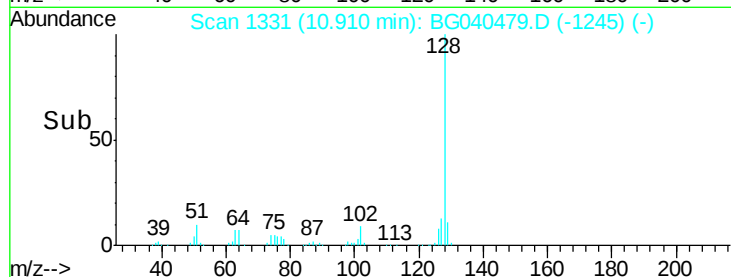
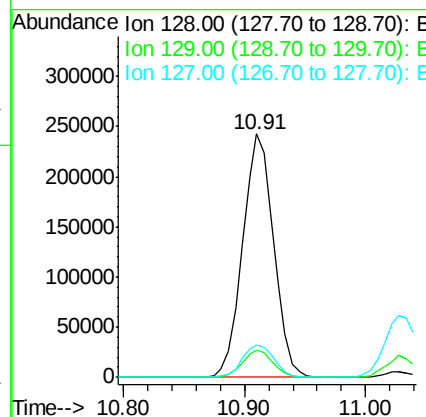
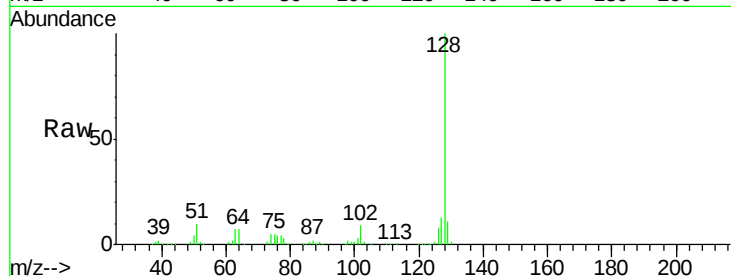




#31
Naphthalene
Concen: 41.590 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

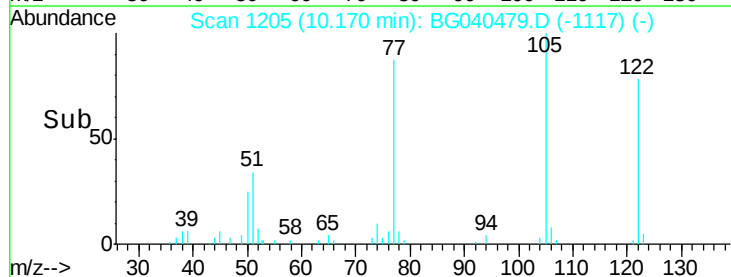
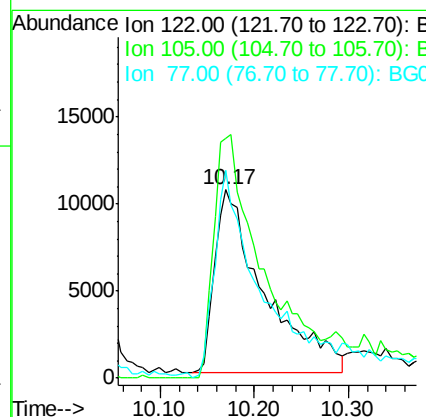
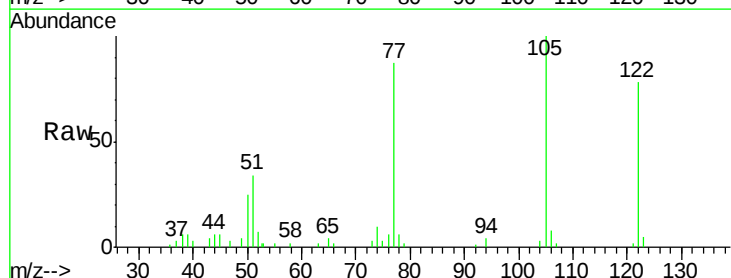
Instrument :
BNA_G
ClientSampleId :

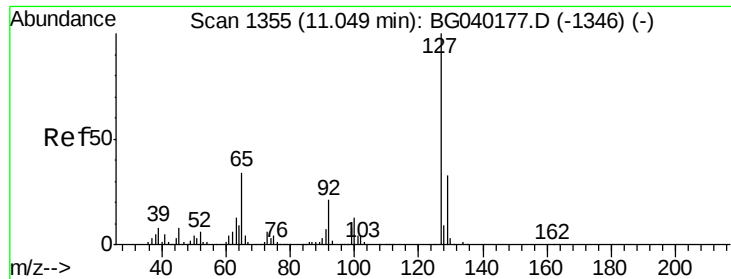
Tot Ion:128 Resp: 433775
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.1 11.4 17.0



#32
Benzoic acid
Concen: 21.507 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

Tgt Ion:122 Resp: 38772
Ion Ratio Lower Upper
122 100
105 127.6 98.2 138.2
77 110.5 73.6 113.6

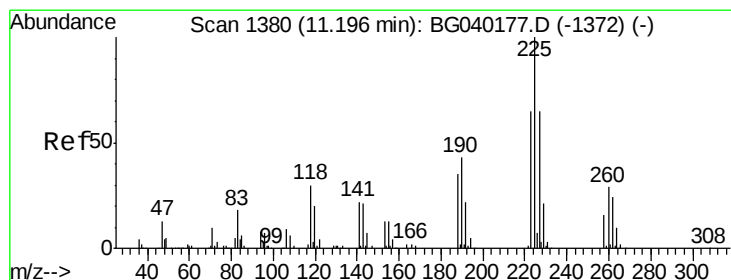
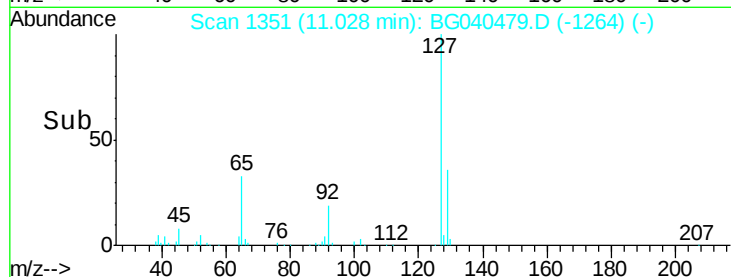
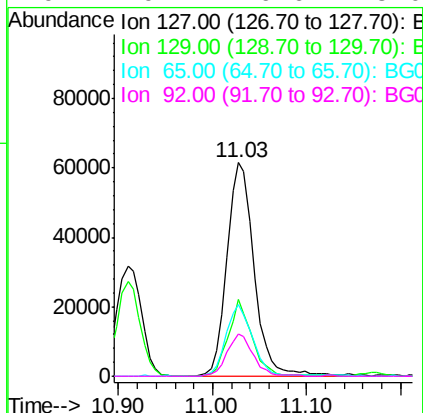
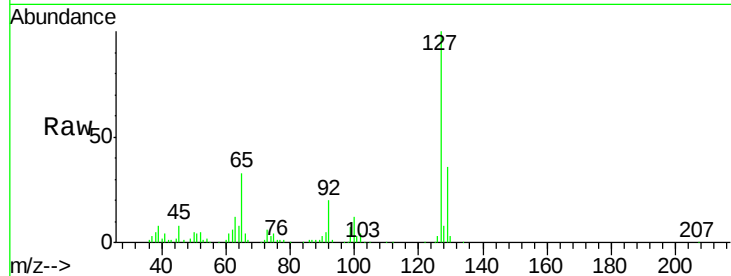




#33
4-Chloroaniline
Concen: 27.846 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

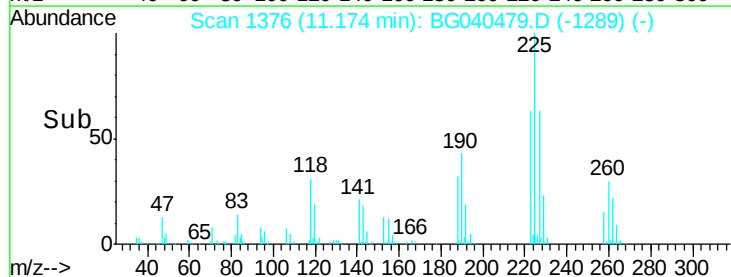
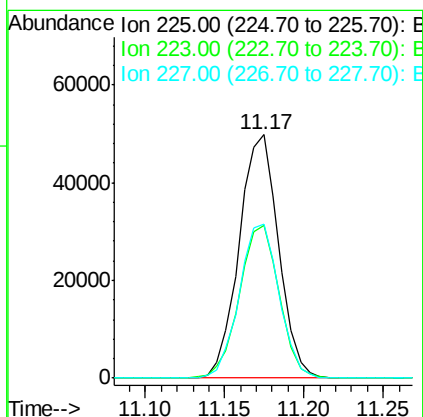
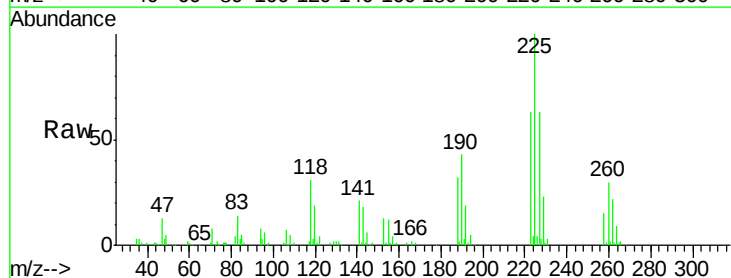
Instrument :
BNA_G
ClientSampleId :

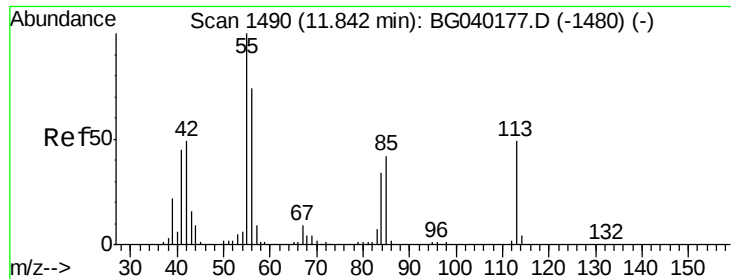
Tot Ion:	127	Resp:	123886
Ion	Ratio	Lower	Upper
127	100		
129	35.9	26.6	40.0
65	33.3	27.0	40.4
92	19.7	16.6	25.0



#34
Hexachlorobutadiene
Concen: 37.710 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

Tgt Ion:	225	Resp:	85764
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.8	77.8
227	63.1	54.9	82.3

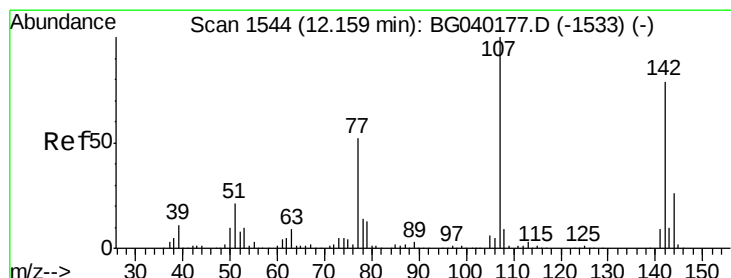
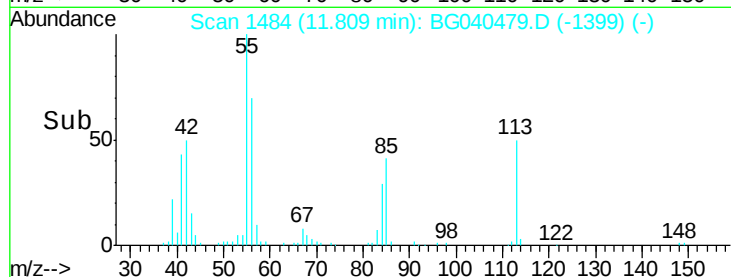
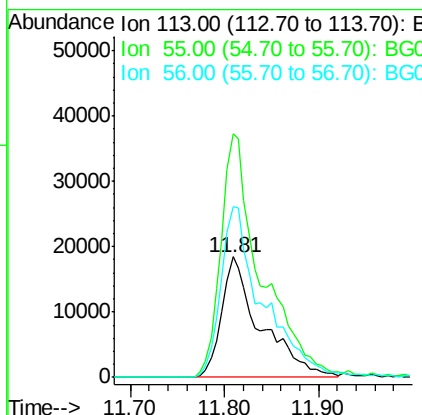
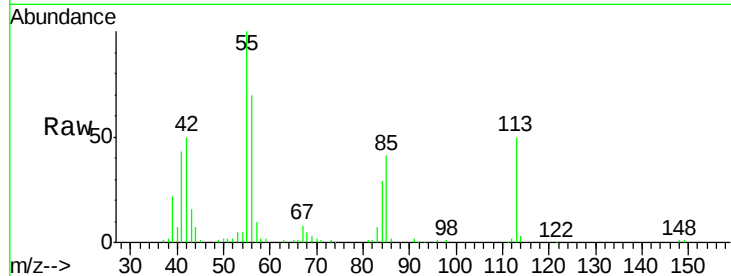




#35
 Caprolactam
 Concen: 41.341 ng
 RT: 11.81 min Scan# 1484
 Delta R.T. -0.03 min
 Lab File: BG040479.D
 Acq: 15 Apr 2019 14:18

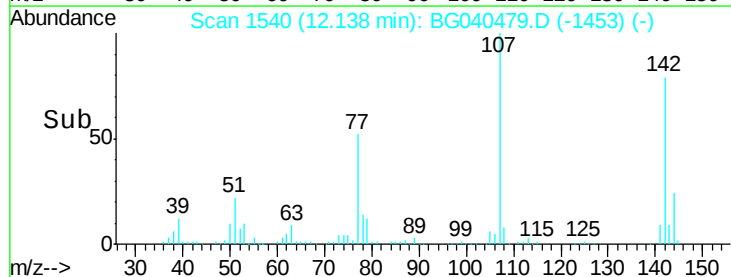
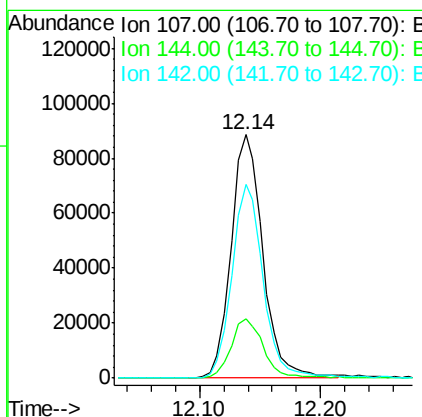
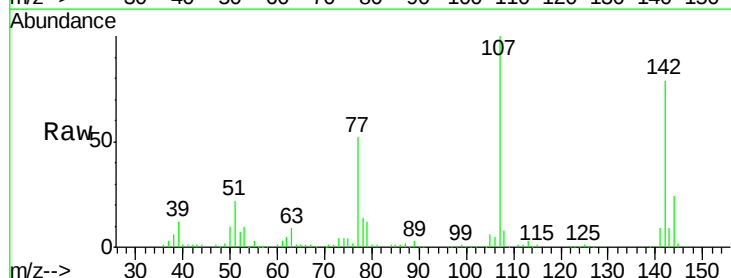
Instrument :
 BNA_G
 ClientSampleId :

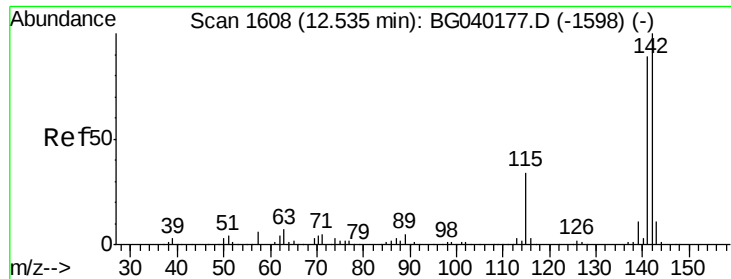
Tot Ion:113 Resp: 53132
 Ion Ratio Lower Upper
 113 100
 55 201.7 184.2 224.2
 56 140.9 131.3 171.3



#36
 4-Chloro-3-methylphenol
 Concen: 43.510 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. -0.02 min
 Lab File: BG040479.D
 Acq: 15 Apr 2019 14:18

Tgt Ion:107 Resp: 161995
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.5 30.7
 142 79.3 63.1 94.7

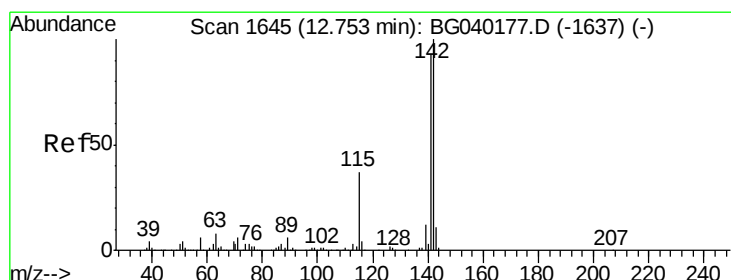
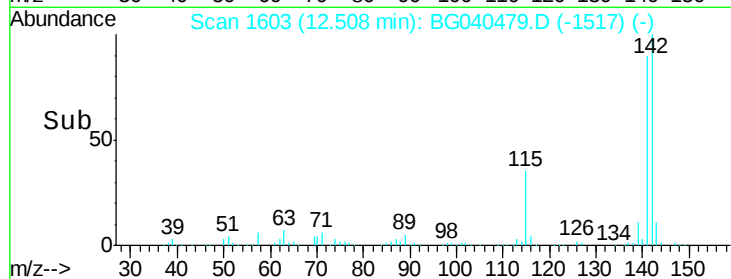
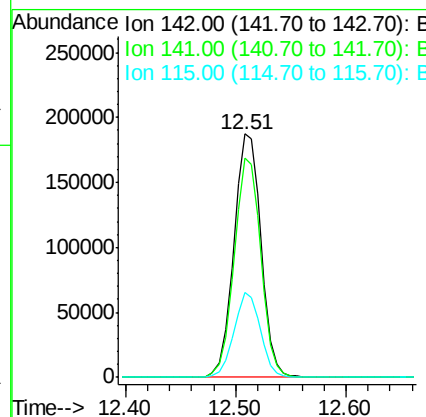
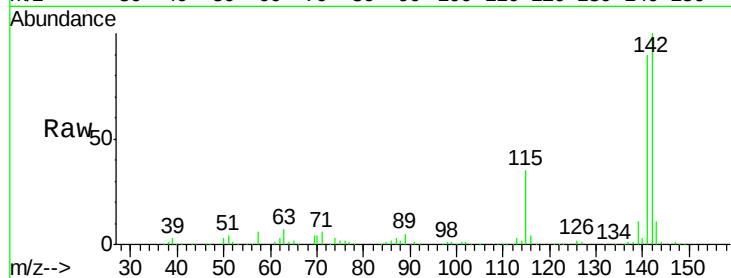




#37
2-Methylnaphthalene
Concen: 41.855 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.03 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

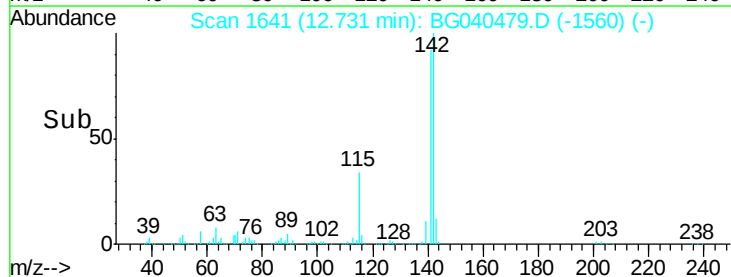
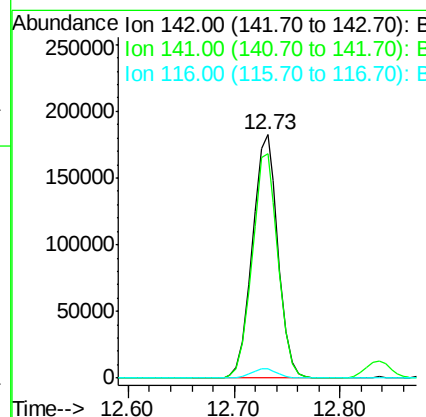
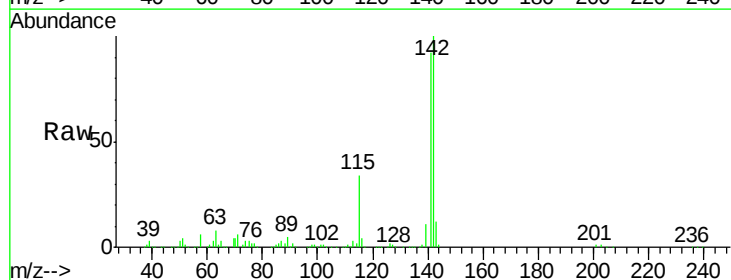
Instrument :
BNA_G
ClientSampled :

Tot Ion:142 Resp: 322858
Ion Ratio Lower Upper
142 100
141 90.3 71.0 106.6
115 34.8 27.3 40.9



#38
1-Methylnaphthalene
Concen: 41.022 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

Tgt Ion:142 Resp: 306848
Ion Ratio Lower Upper
142 100
141 92.1 74.2 111.4
116 3.9 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

Instrument :

BNA_G

ClientSampleId :

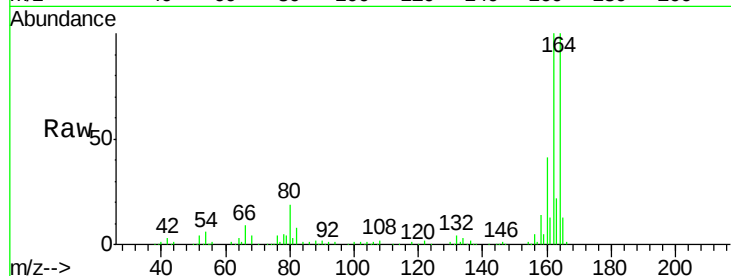
Tot Ion:164 Resp: 129597

Ion Ratio Lower Upper

164 100

162 100.2 77.4 116.2

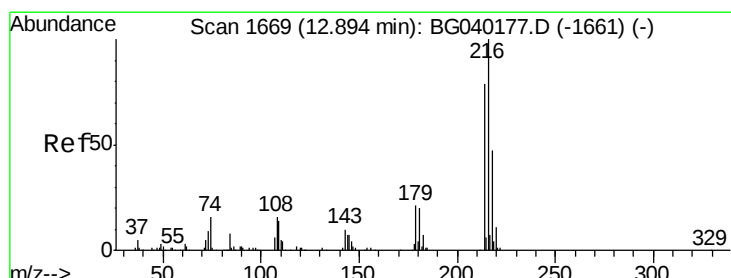
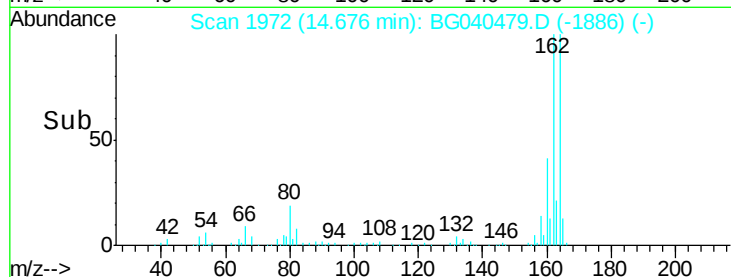
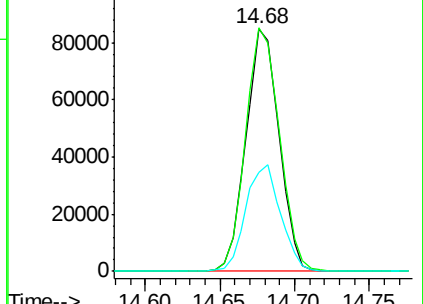
160 40.9 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.903 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

Tgt Ion:216 Resp: 164364

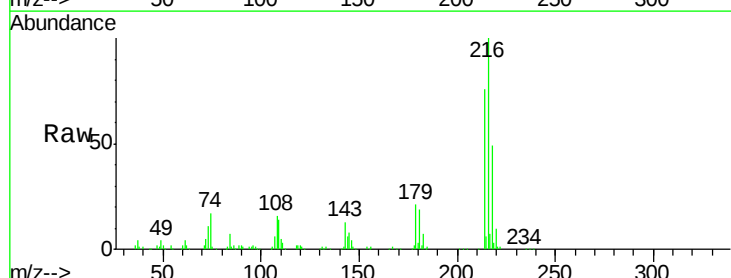
Ion Ratio Lower Upper

216 100

214 80.1 63.5 95.3

179 20.8 16.6 25.0

108 19.4 13.8 20.8

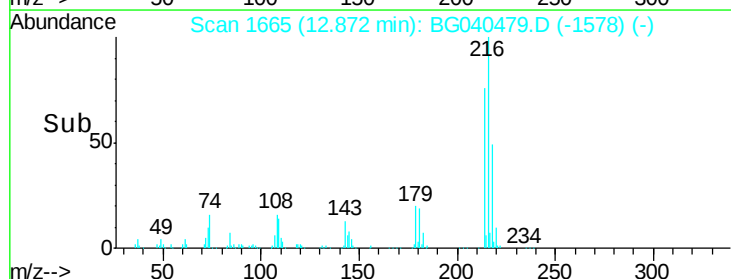
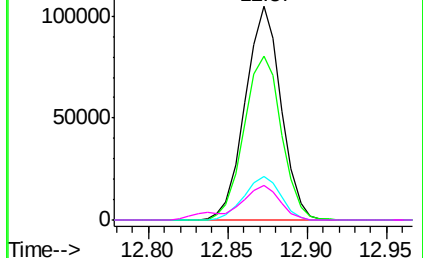


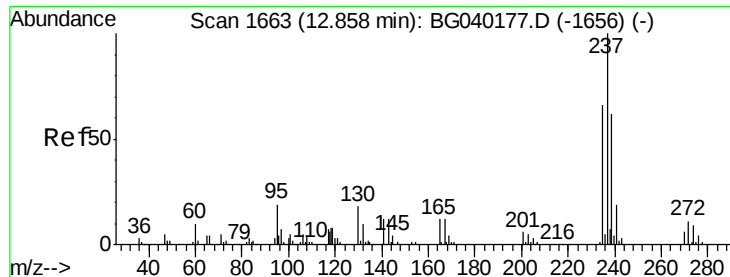
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 78.515 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

Instrument :

BNA_G

ClientSampleId :

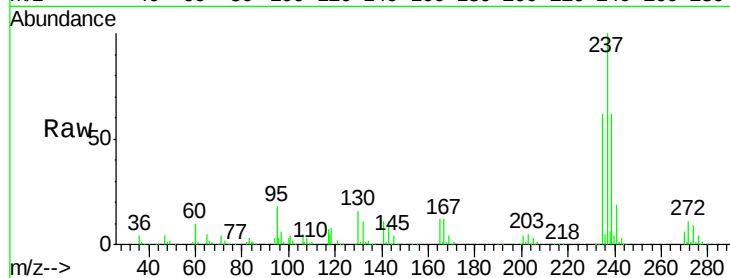
Tot Ion:237 Resp: 177573

Ion Ratio Lower Upper

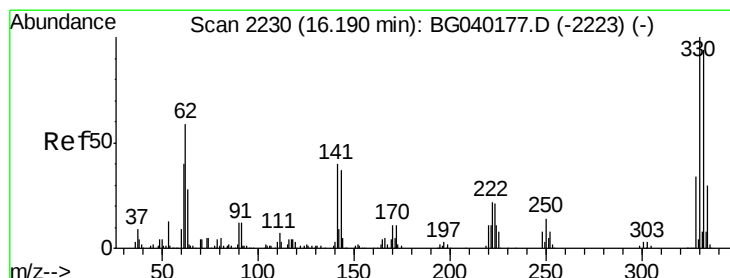
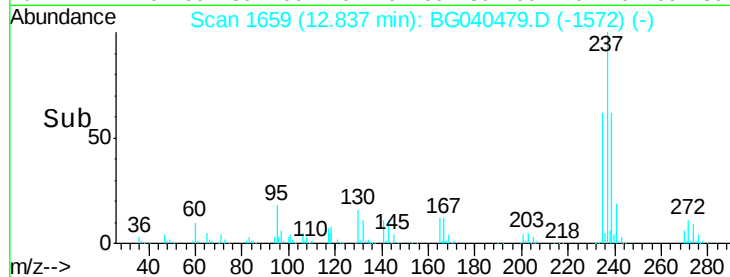
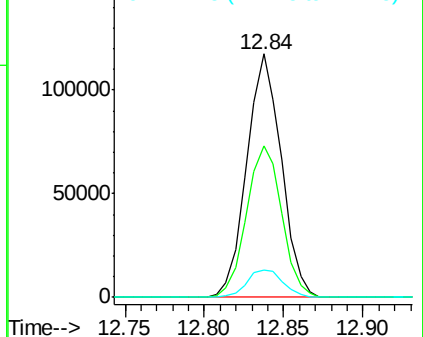
237 100

235 62.4 46.2 86.2

272 11.2 0.0 30.5



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



#42

2,4,6-Tribromophenol

Concen: 151.066 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

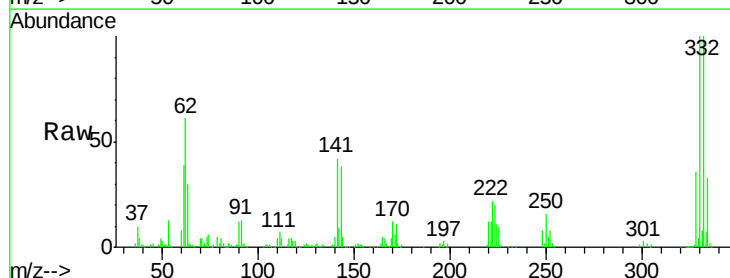
Tgt Ion:330 Resp: 211584

Ion Ratio Lower Upper

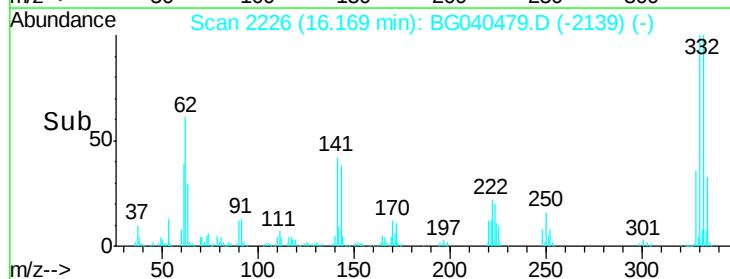
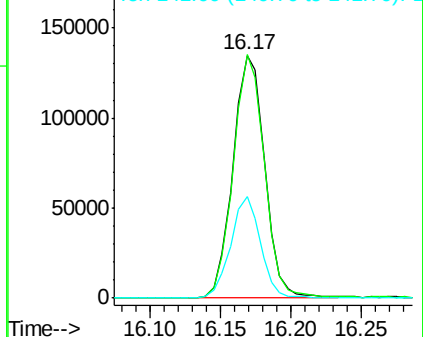
330 100

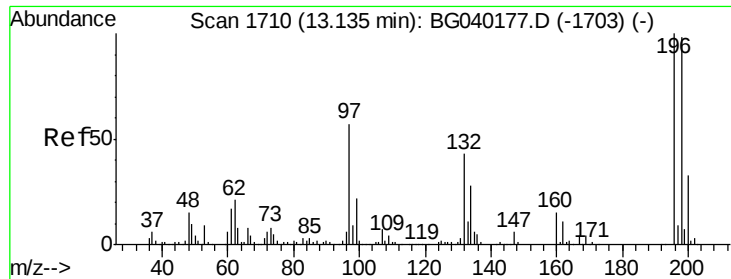
332 98.7 76.6 115.0

141 39.5 32.6 48.8



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

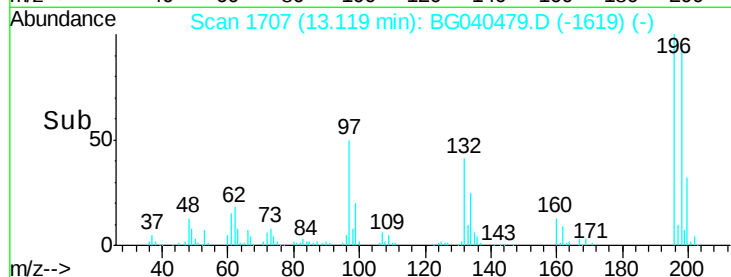
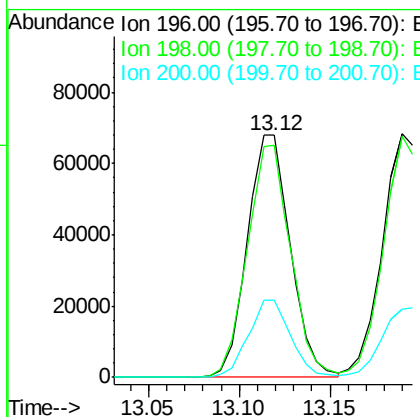
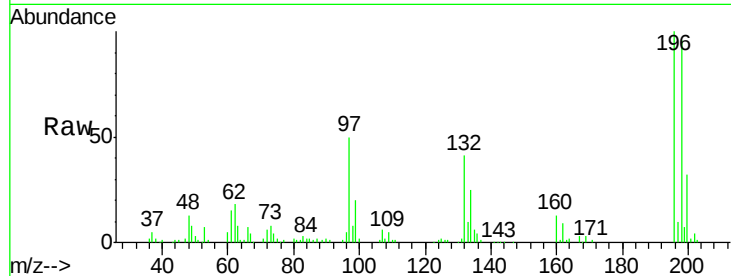




#43
 2,4,6-Trichlorophenol
 Concen: 42.193 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.02 min
 Lab File: BG040479.D
 Acq: 15 Apr 2019 14:18

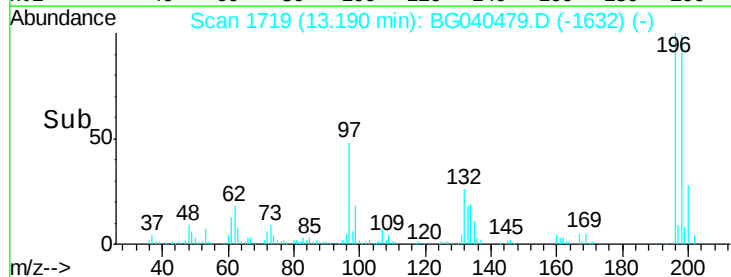
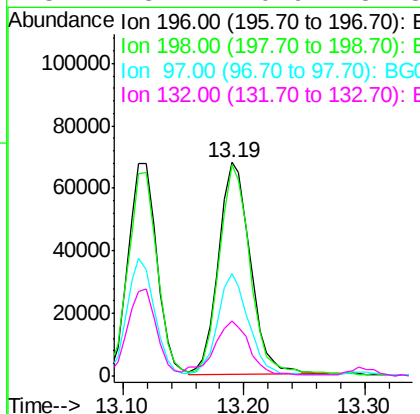
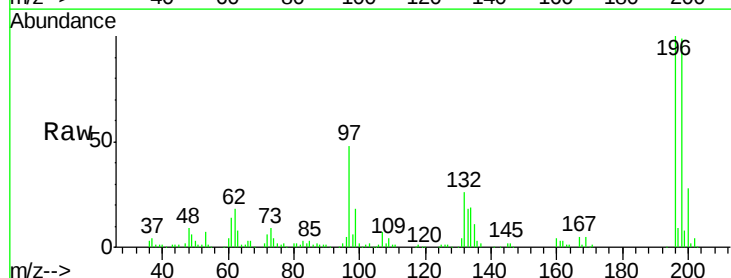
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 112051
 Ion Ratio Lower Upper
 196 100
 198 95.6 78.3 117.5
 200 32.0 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.952 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040479.D
 Acq: 15 Apr 2019 14:18

Tgt Ion:196 Resp: 124330
 Ion Ratio Lower Upper
 196 100
 198 99.2 75.0 112.6
 97 48.0 37.3 55.9
 132 25.7 20.9 31.3

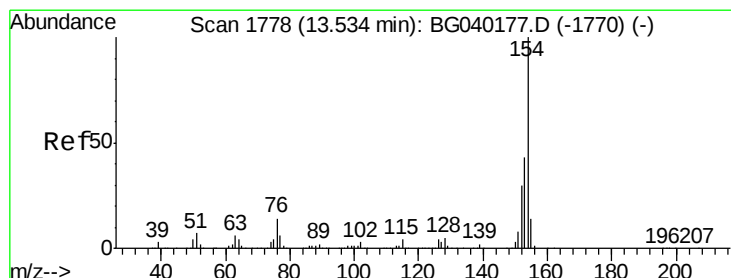
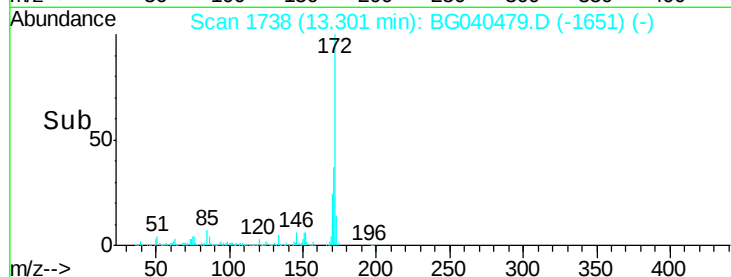
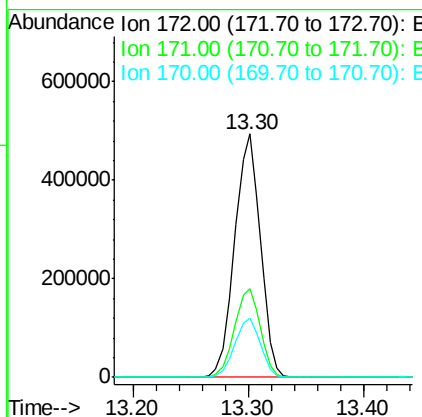
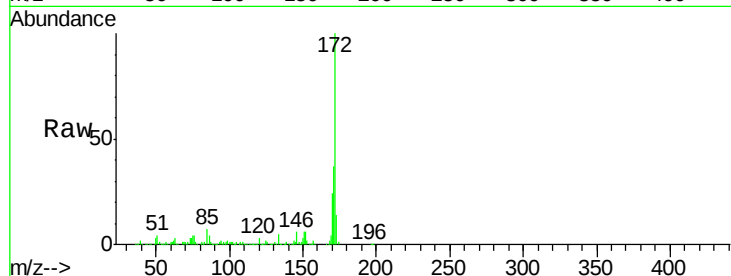




#45
2-Fluorobiphenyl
Concen: 87.034 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

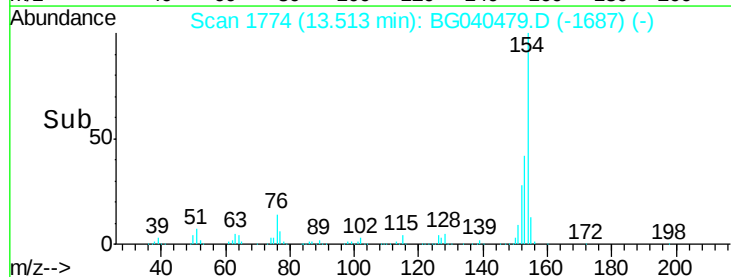
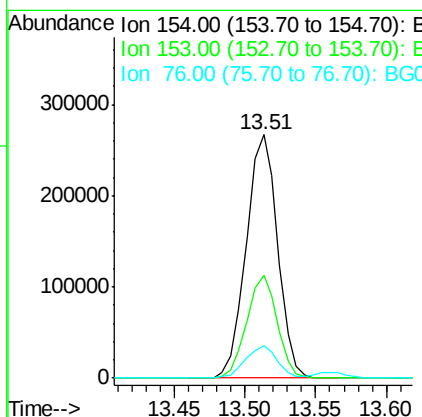
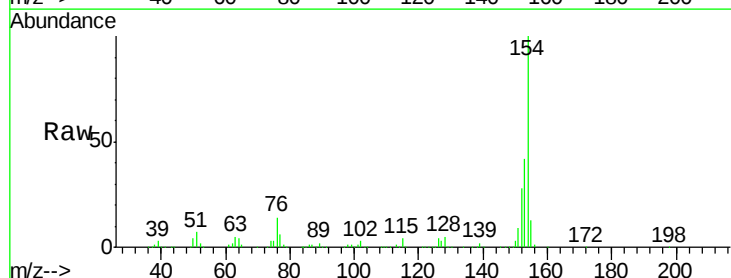
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.5	45.7
170	24.2	20.1	30.1



#46
1,1'-Biphenyl
Concen: 40.529 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.5	62.5
76	13.5	0.0	33.7

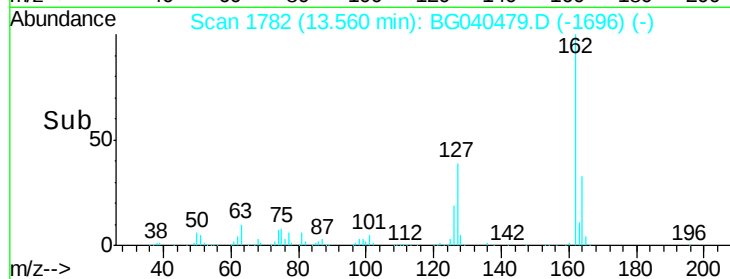
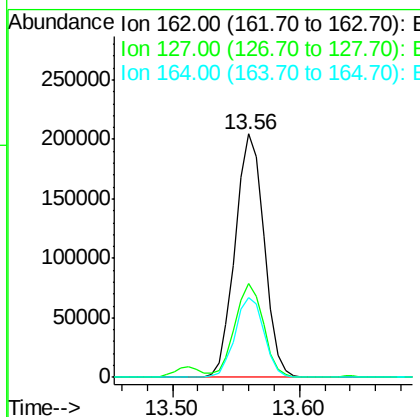
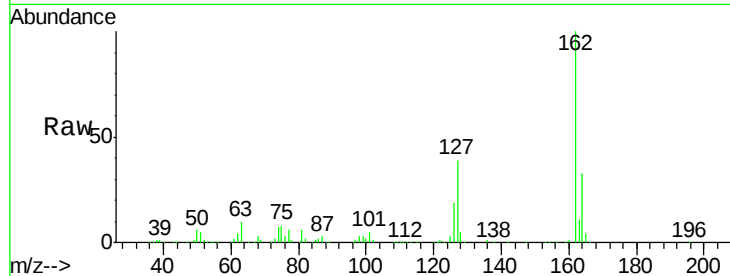




#47
 2-Chloronaphthalene
 Concen: 41.024 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG040479.D
 Acq: 15 Apr 2019 14:18

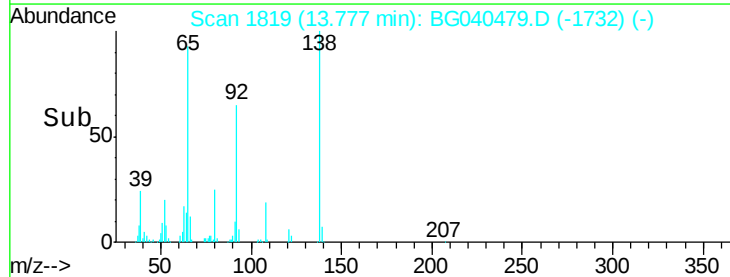
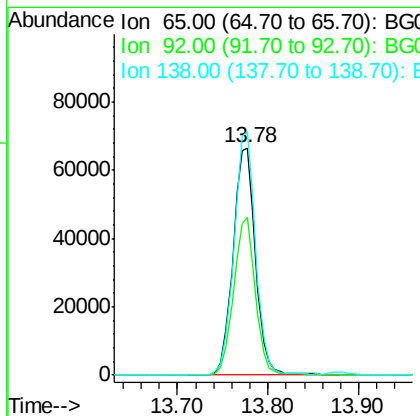
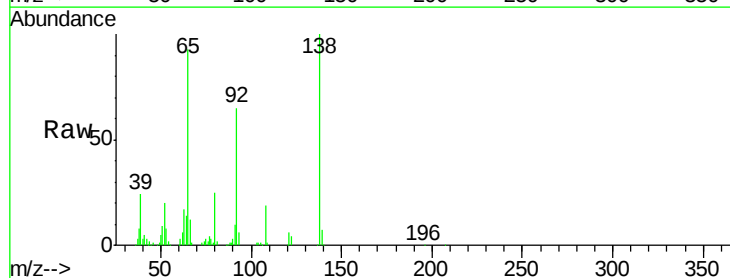
Instrument :
 BNA_G
 ClientSampled :

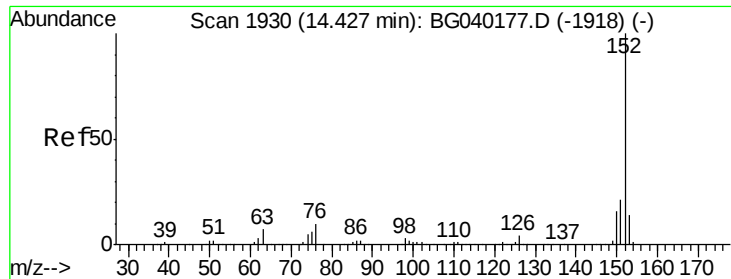
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	30.6	45.8
164	32.7	26.2	39.4



#48
 2-Nitroaniline
 Concen: 43.420 ng
 RT: 13.78 min Scan# 1819
 Delta R.T. -0.02 min
 Lab File: BG040479.D
 Acq: 15 Apr 2019 14:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	53.8	80.6
138	107.2	86.3	129.5





#49

Acenaphthylene

Concen: 40.980 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

Instrument :

BNA_G

ClientSampleId :

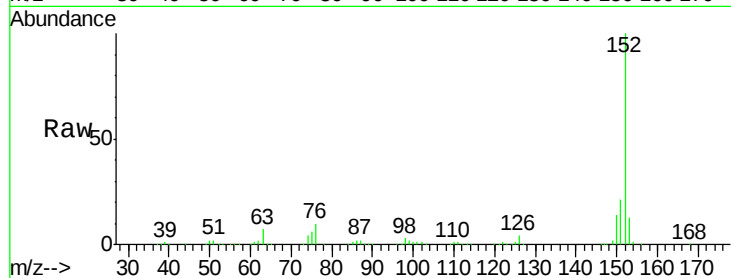
Tot Ion:152 Resp: 545747

Ion Ratio Lower Upper

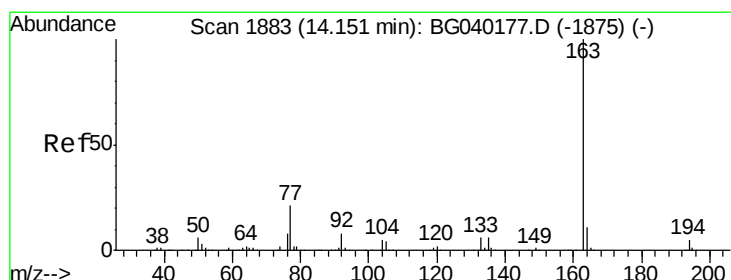
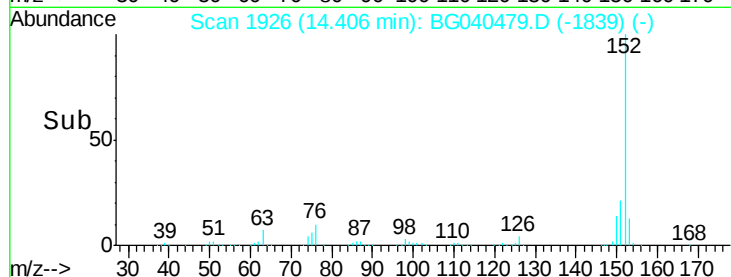
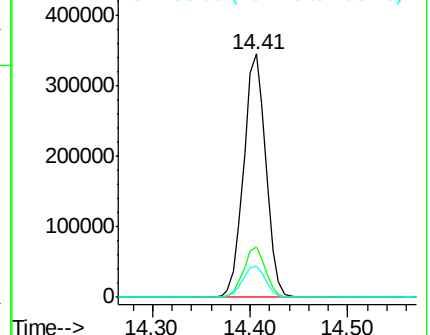
152 100

151 20.8 17.0 25.6

153 12.7 10.8 16.2



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



#50

Dimethylphthalate

Concen: 42.379 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

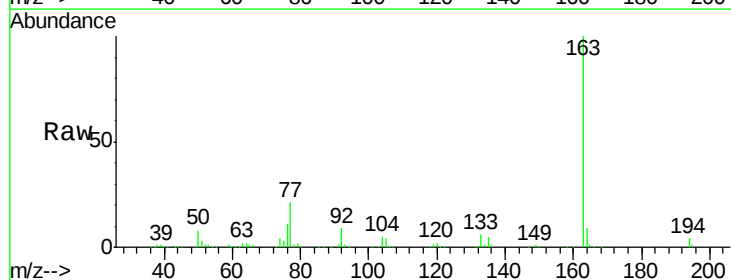
Tgt Ion:163 Resp: 429837

Ion Ratio Lower Upper

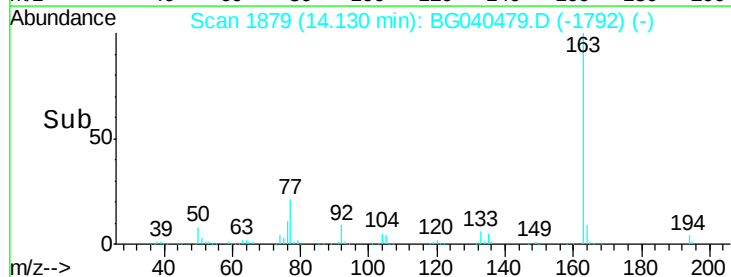
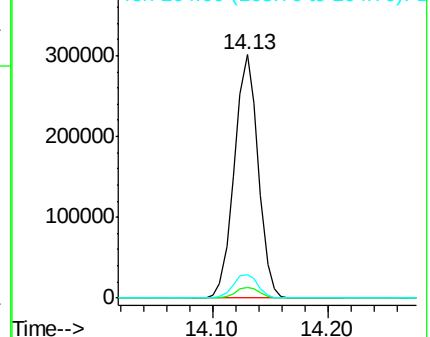
163 100

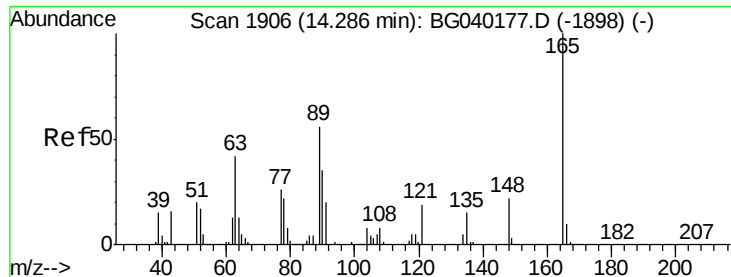
194 4.4 4.1 6.1

164 9.5 8.6 13.0



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





#51

2,6-Dinitrotoluene

Concen: 43.003 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

Instrument :

BNA_G

ClientSampled :

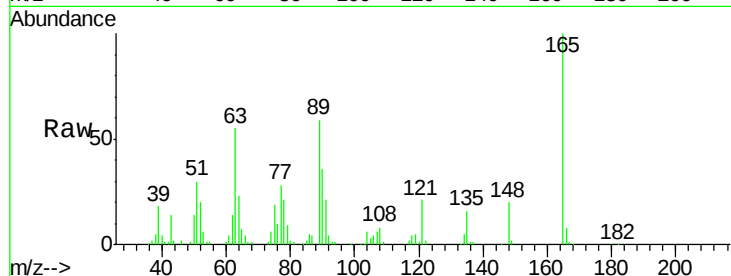
Tot Ion:165 Resp: 97937

Ion Ratio Lower Upper

165 100

63 55.2 44.1 66.1

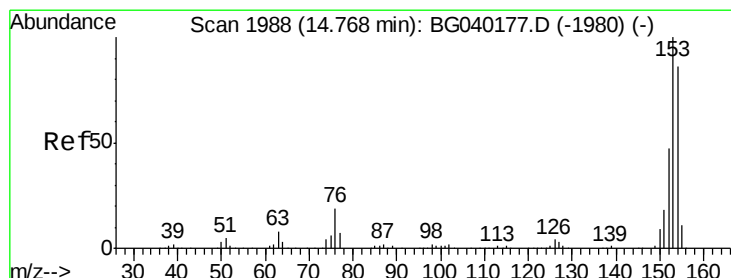
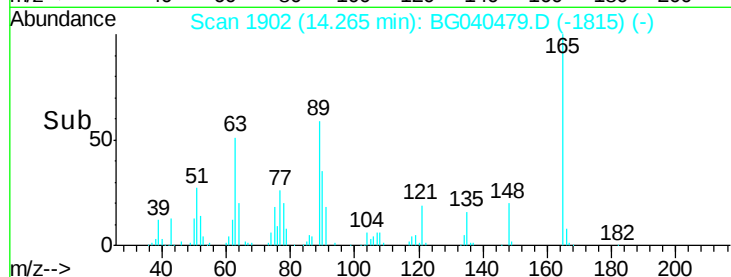
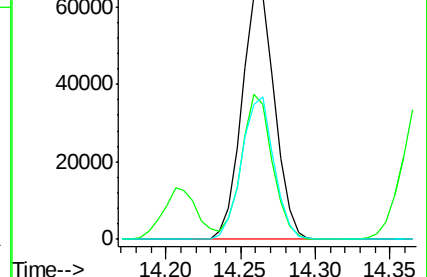
89 58.7 44.9 67.3



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



#52

Acenaphthene

Concen: 40.788 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.03 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

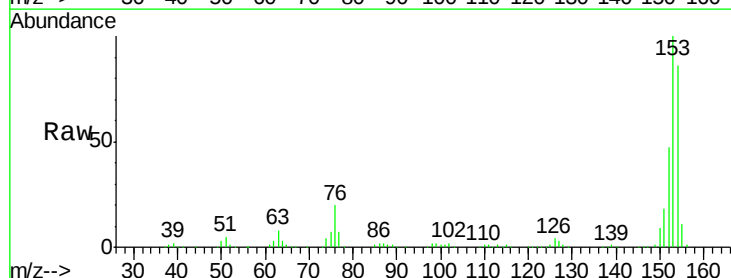
Tgt Ion:154 Resp: 311256

Ion Ratio Lower Upper

154 100

153 115.9 92.8 139.2

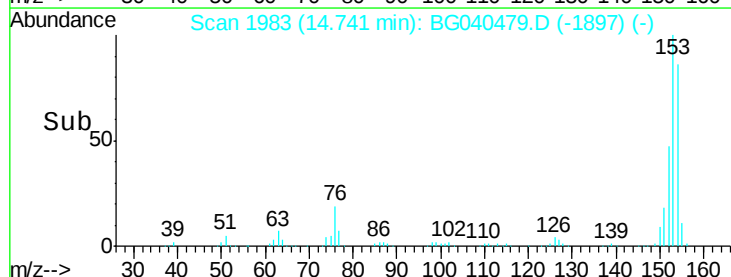
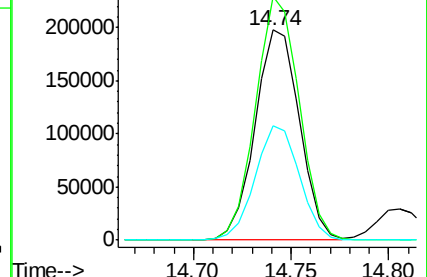
152 54.4 43.4 65.2



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

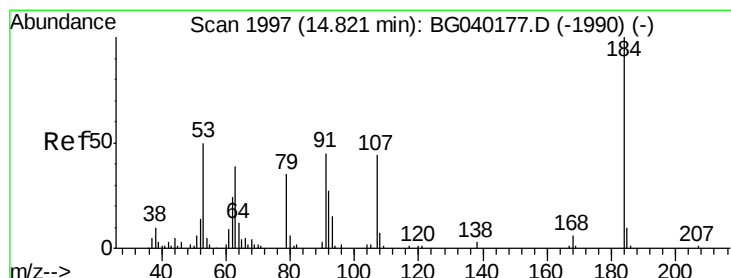
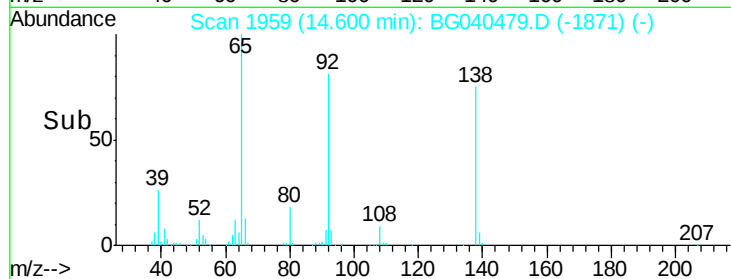
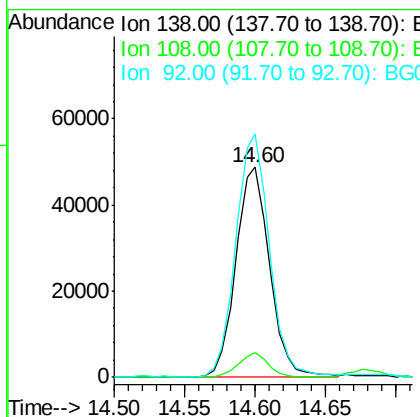
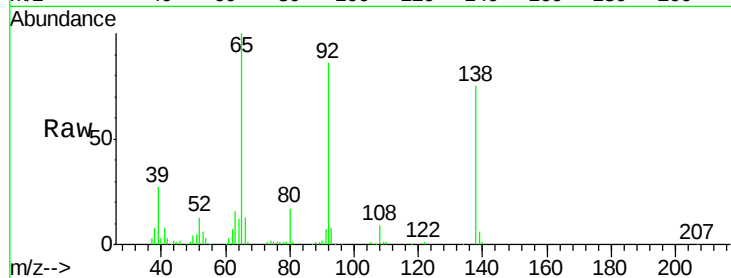




#53
 3-Nitroaniline
 Concen: 33.913 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.02 min
 Lab File: BG040479.D
 Acq: 15 Apr 2019 14:18

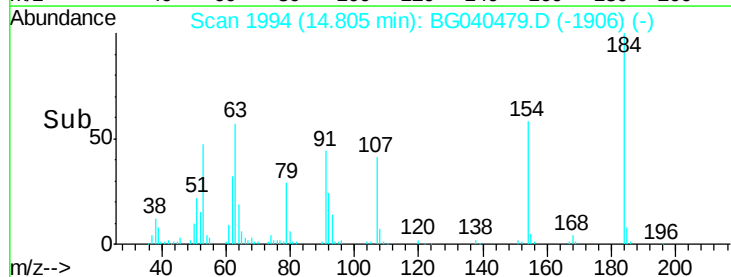
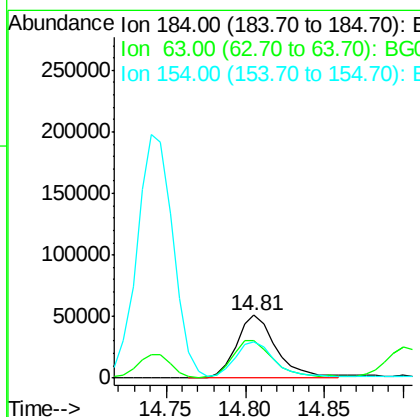
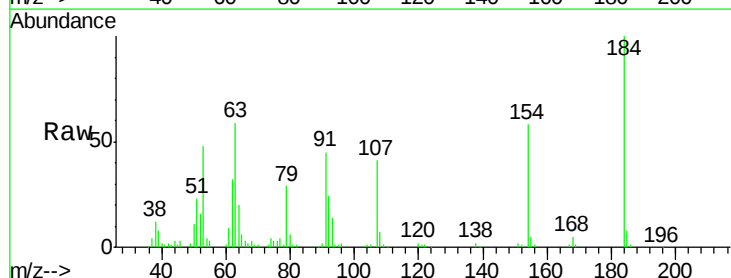
Instrument :
 BNA_G
 ClientSampleId :

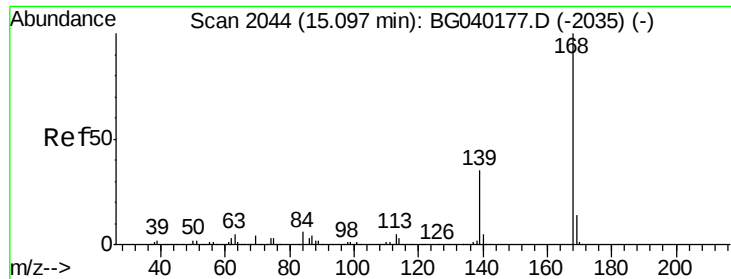
Tot Ion:138 Resp: 81755
 Ion Ratio Lower Upper
 138 100
 108 11.9 7.8 11.8#
 92 115.9 87.5 131.3



#54
 2,4-Dinitrophenol
 Concen: 73.140 ng
 RT: 14.81 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BG040479.D
 Acq: 15 Apr 2019 14:18

Tgt Ion:184 Resp: 88586
 Ion Ratio Lower Upper
 184 100
 63 59.4 51.8 77.8
 154 57.9 50.9 76.3

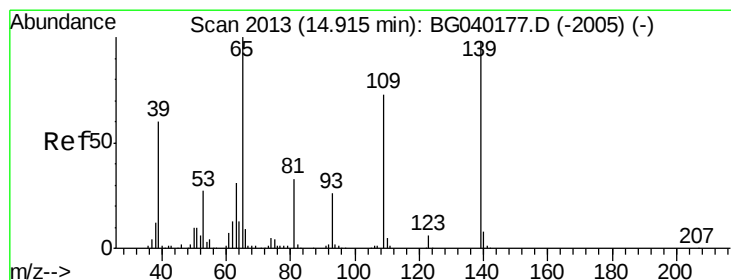
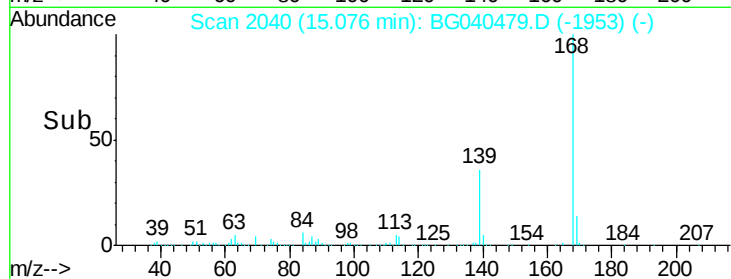
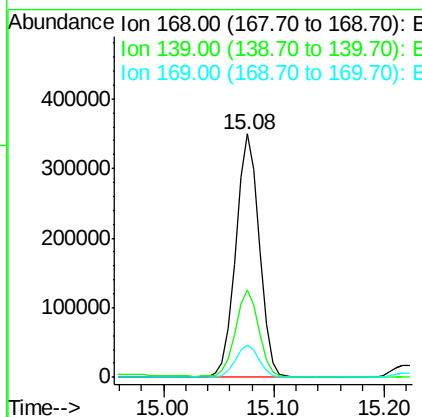
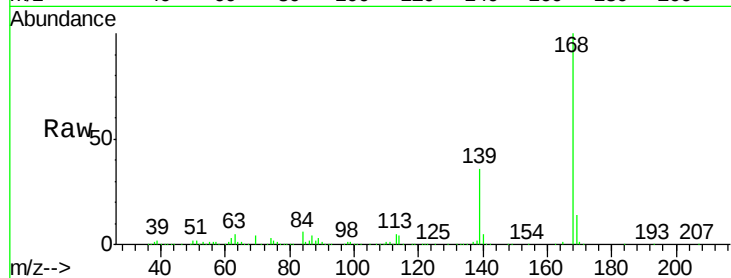




#55
 Dibenzofuran
 Concen: 42.705 ng
 RT: 15.08 min Scan# 2040
 Delta R.T. -0.02 min
 Lab File: BG040479.D
 Acq: 15 Apr 2019 14:18

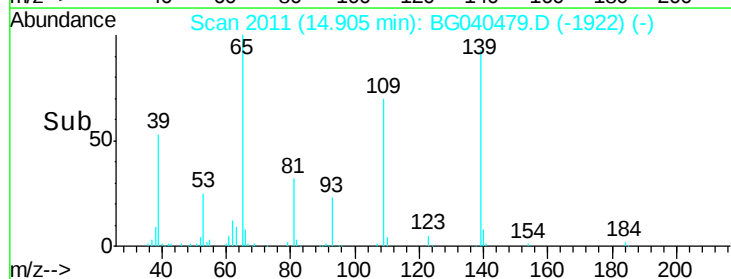
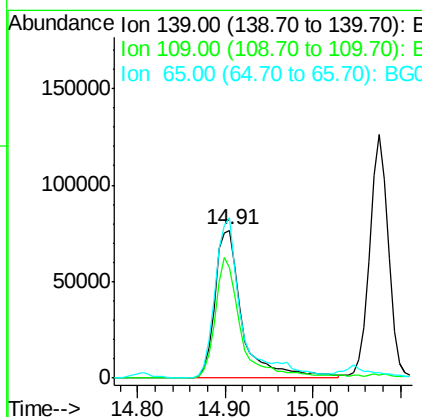
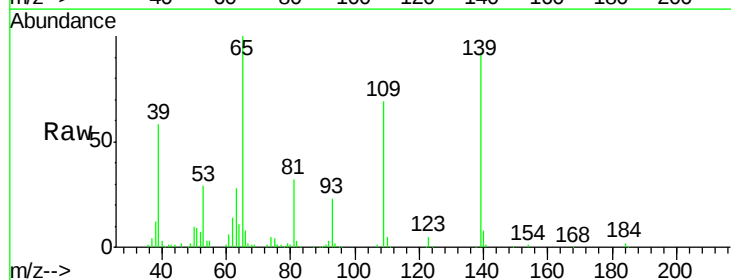
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:168 Resp: 523653
 Ion Ratio Lower Upper
 168 100
 139 36.0 27.9 41.9
 169 13.6 11.3 16.9



#56
 4-Nitrophenol
 Concen: 85.643 ng
 RT: 14.91 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BG040479.D
 Acq: 15 Apr 2019 14:18

Tgt Ion:139 Resp: 166631
 Ion Ratio Lower Upper
 139 100
 109 75.1 54.3 94.3
 65 108.7 82.5 122.5

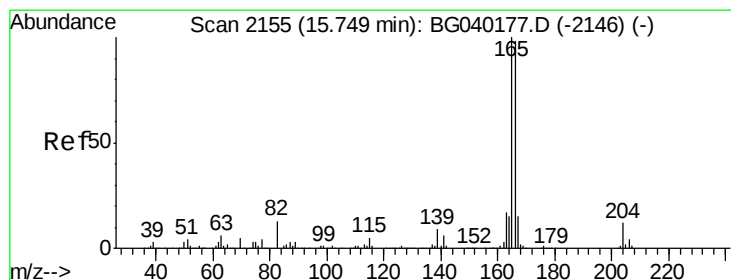
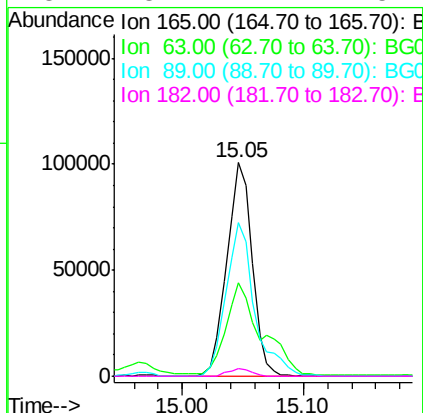
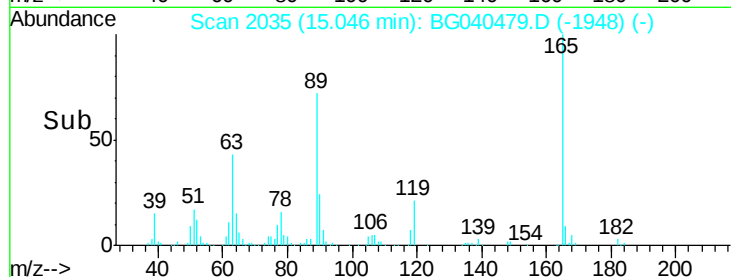
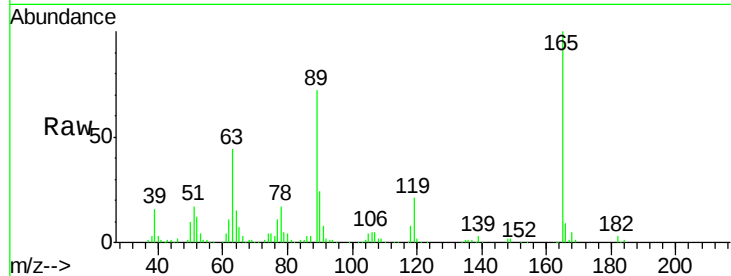




#57
2,4-Dinitrotoluene
Concen: 46.667 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

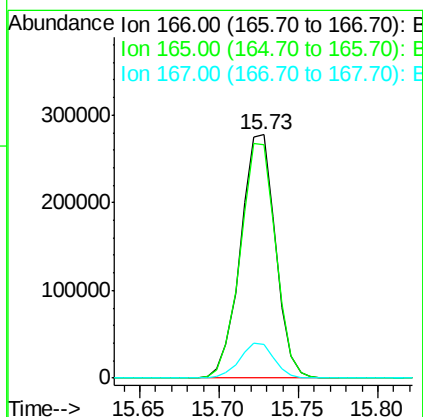
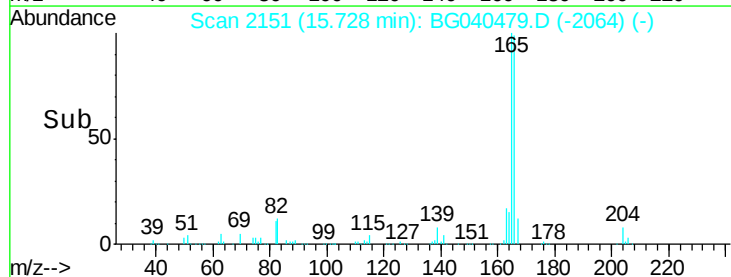
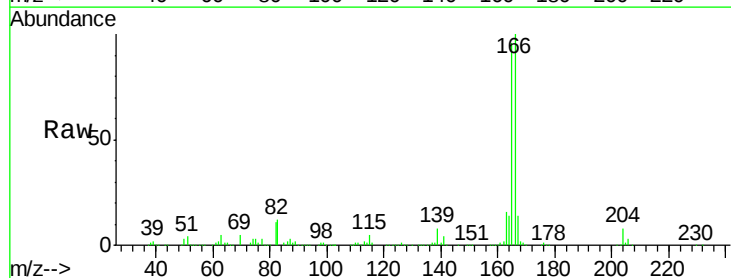
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.6	33.8	50.6
89	71.8	55.4	83.2
182	3.4	2.2	3.4



#58
Fluorene
Concen: 43.911 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.8	81.7	122.5
167	13.7	11.9	17.9

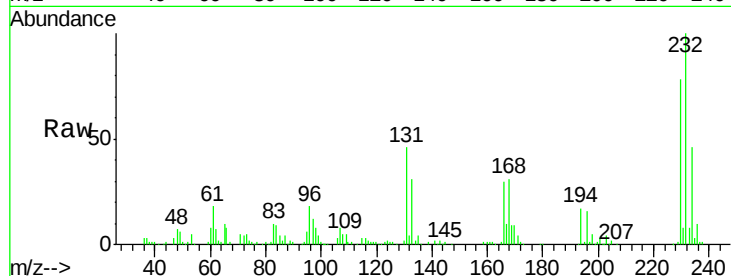




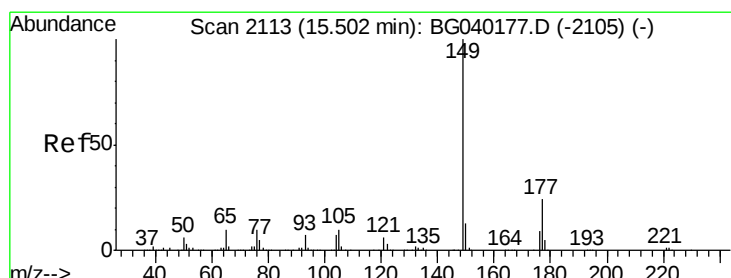
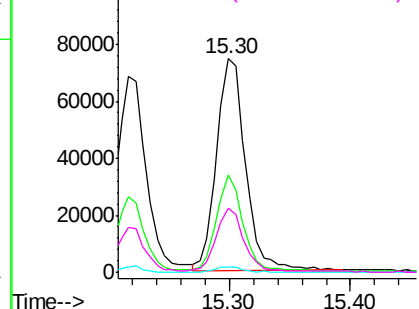
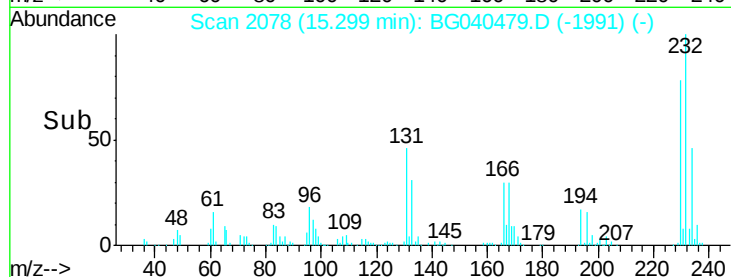
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.954 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040479.D
 Acq: 15 Apr 2019 14:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	123335
Ion	Ratio	Lower	Upper
232	100		
131	42.7	32.9	49.3
130	2.6	1.8	2.8
166	28.4	23.5	35.3

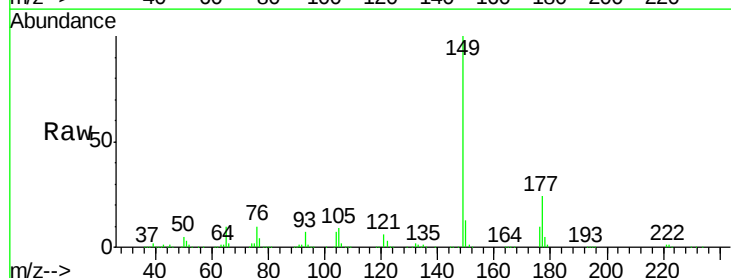


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

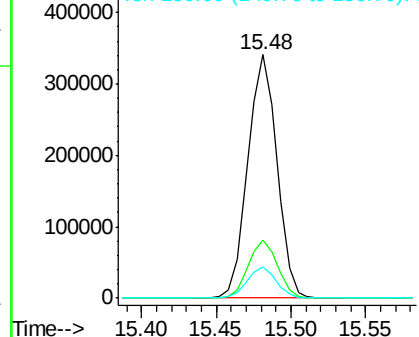
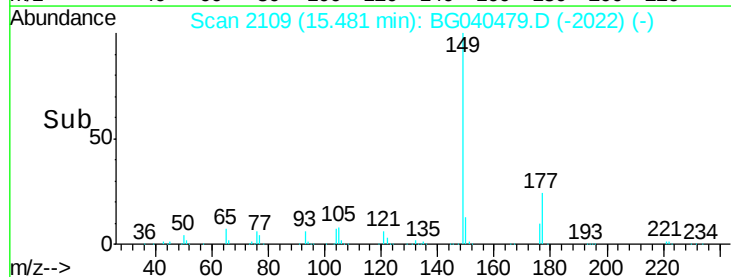


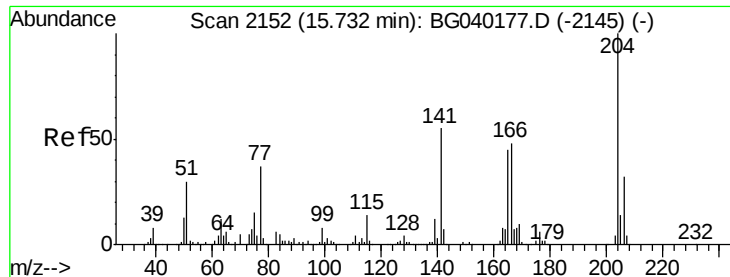
#60
 Diethylphthalate
 Concen: 44.017 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040479.D
 Acq: 15 Apr 2019 14:18

Tgt Ion:	149	Resp:	456854
Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.1	28.7
150	12.9	10.6	15.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

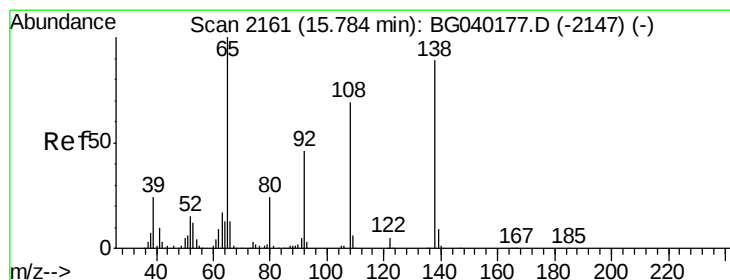
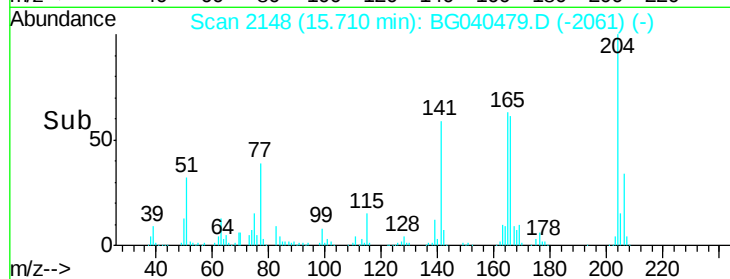
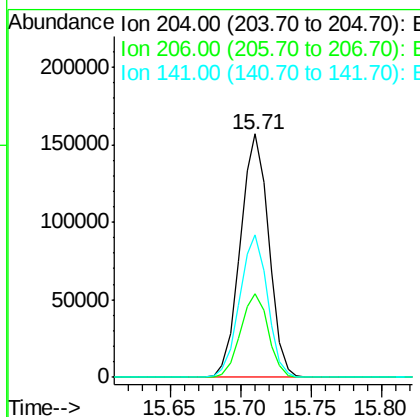
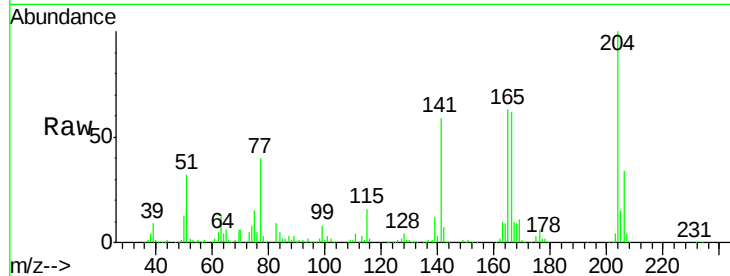




#61
 4-Chlorophenyl-phenylether
 Concen: 42.765 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040479.D
 Acq: 15 Apr 2019 14:18

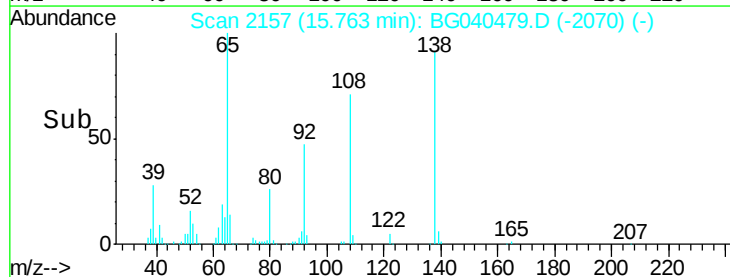
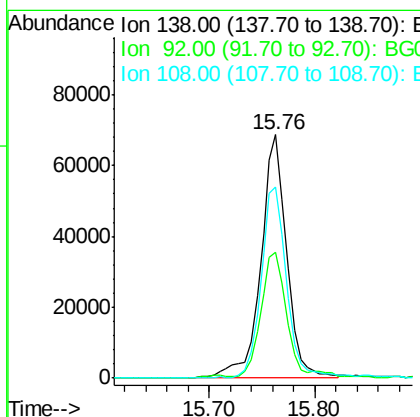
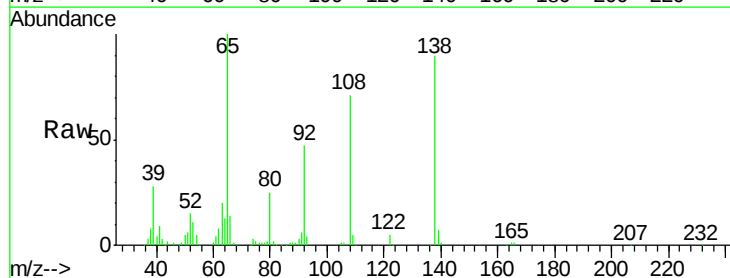
Instrument :
 BNA_G
 ClientSampled :

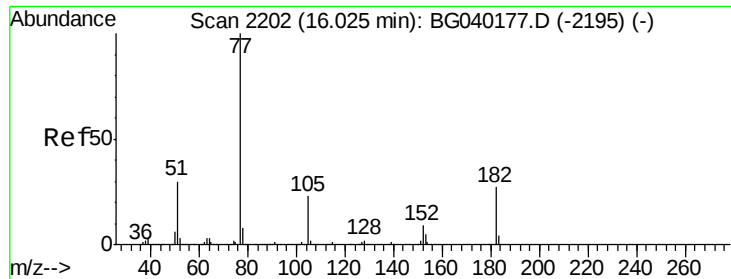
Tot Ion:204 Resp: 220375
 Ion Ratio Lower Upper
 204 100
 206 34.1 25.7 38.5
 141 58.8 44.0 66.0



#62
 4-Nitroaniline
 Concen: 45.419 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG040479.D
 Acq: 15 Apr 2019 14:18

Tgt Ion:138 Resp: 117504
 Ion Ratio Lower Upper
 138 100
 92 51.6 31.8 71.8
 108 78.5 57.2 97.2

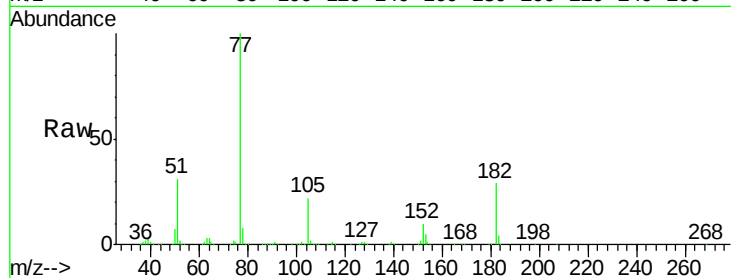




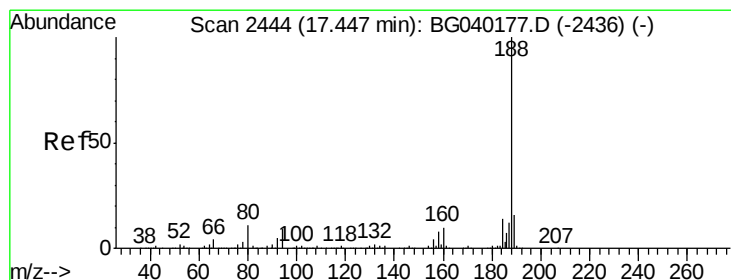
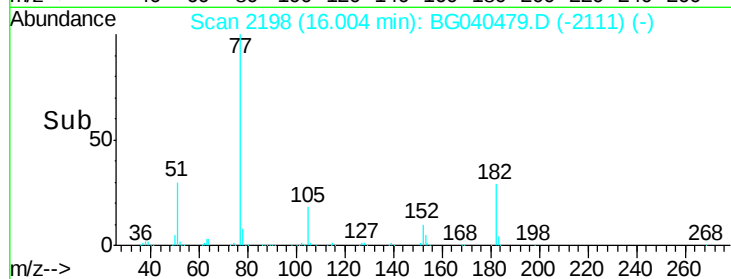
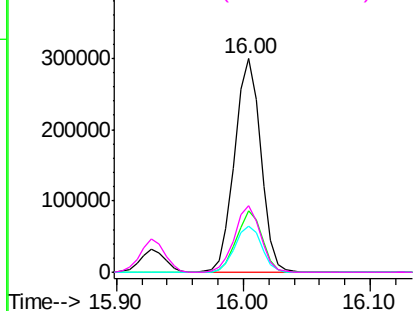
#63
Azobenzene
Concen: 43.499 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.6	7.2	47.2
105	21.8	2.8	42.8
51	30.9	10.4	50.4

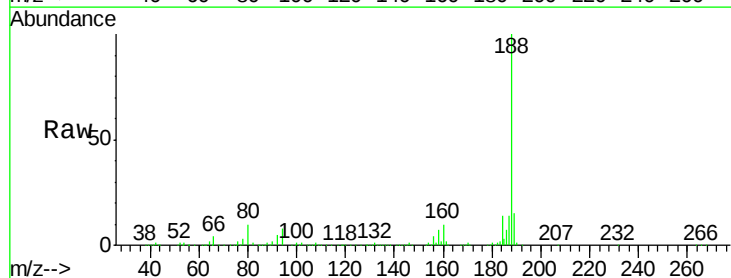


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

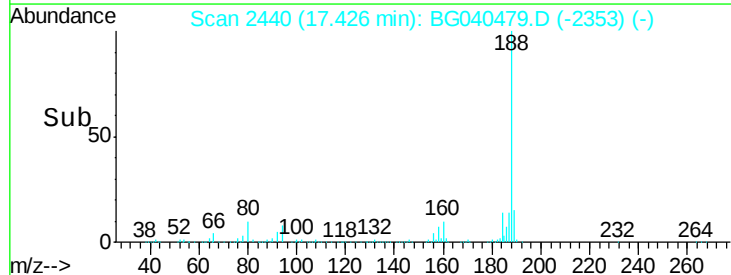
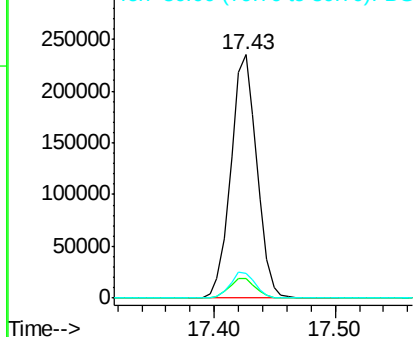


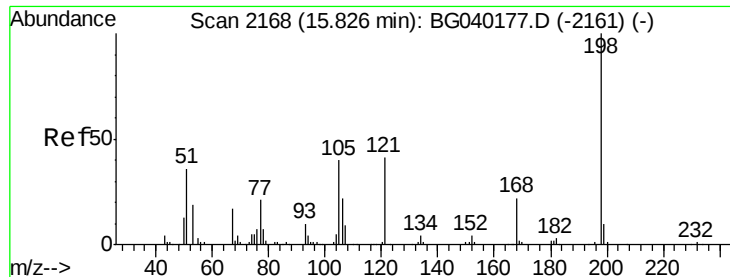
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.0	10.4
80	10.0	8.6	13.0



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

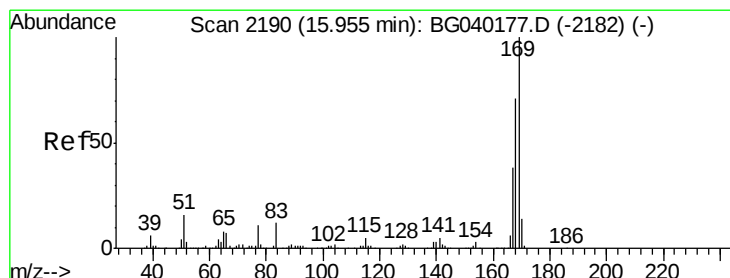
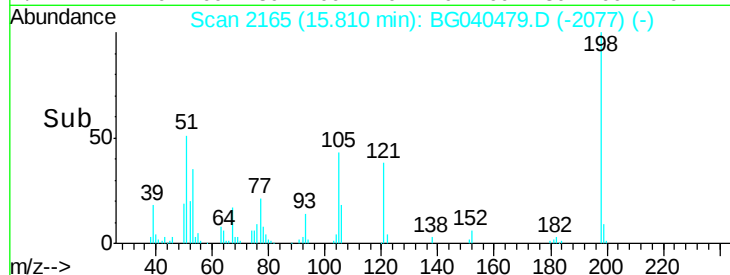
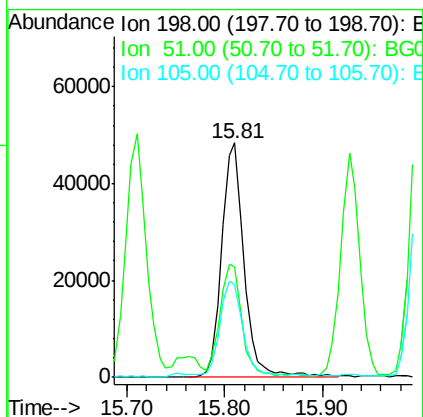
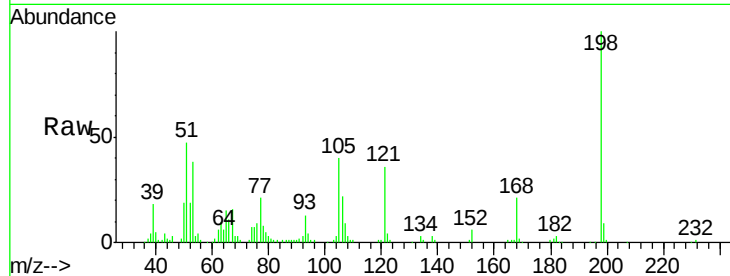




#65
4,6-Dinitro-2-methylphenol
Concen: 38.982 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

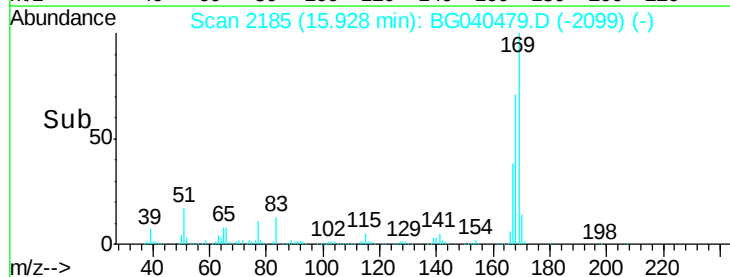
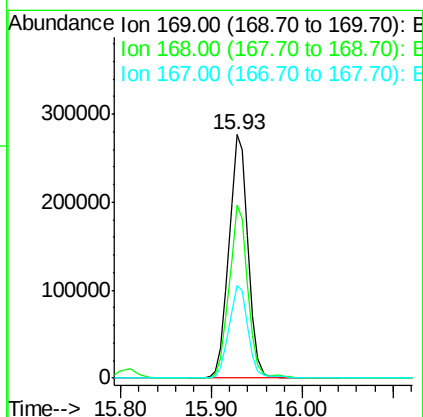
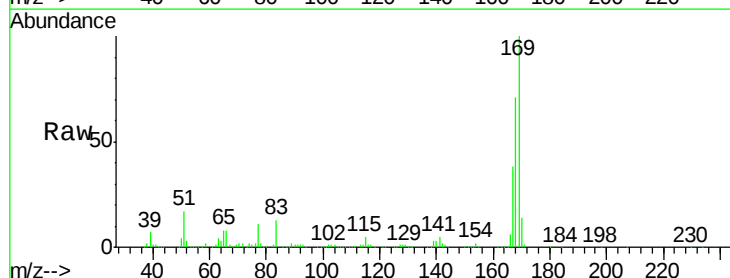
Instrument :
BNA_G
ClientSampleId :

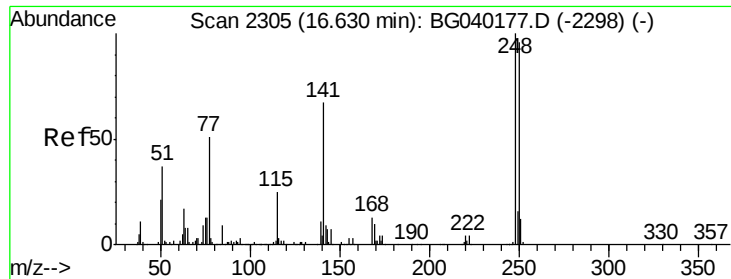
Tot Ion:198 Resp: 77140
Ion Ratio Lower Upper
198 100
51 47.2 27.3 67.3
105 39.7 21.7 61.7



#66
n-Nitrosodiphenylamine
Concen: 39.155 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.03 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

Tgt Ion:169 Resp: 403582
Ion Ratio Lower Upper
169 100
168 71.3 56.8 85.2
167 38.0 30.2 45.4

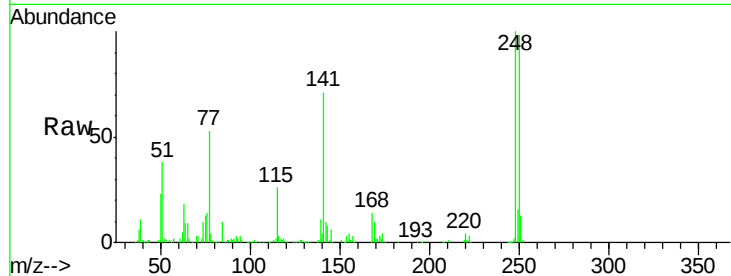




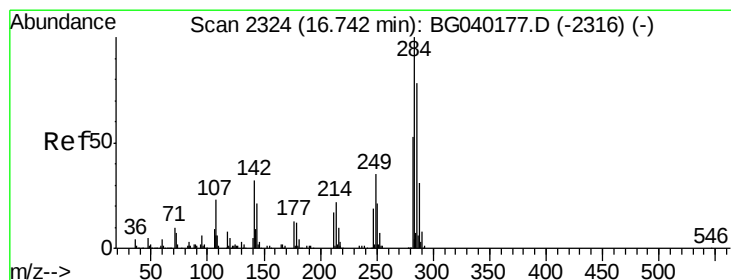
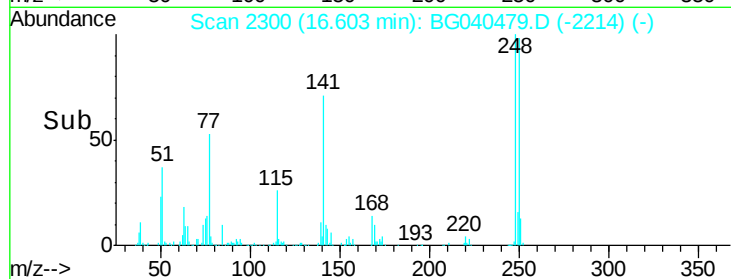
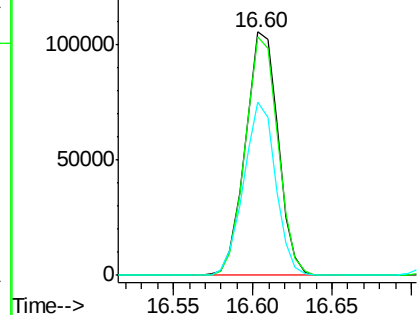
#67
4-Bromophenyl-phenylether
Concen: 38.038 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.03 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	76.4	114.6
141	71.3	53.8	80.8

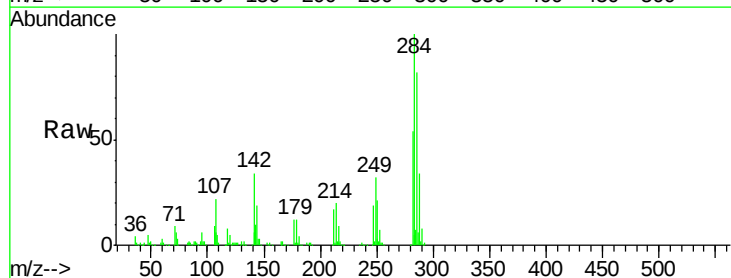


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

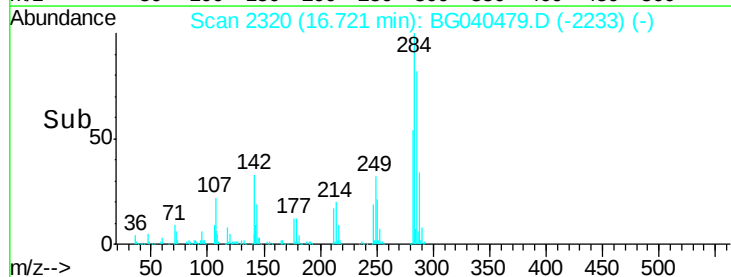
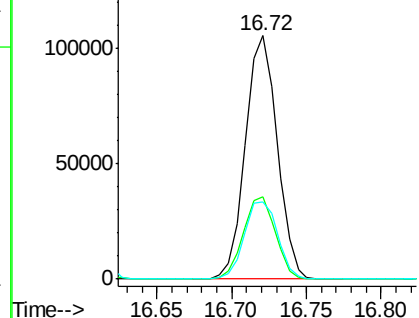


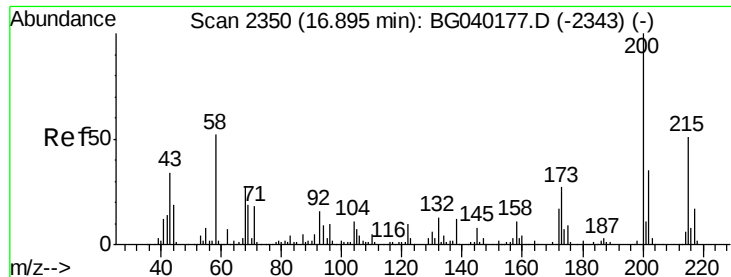
#68
Hexachlorobenzene
Concen: 39.025 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.6	25.3	37.9
249	34.3	28.2	42.2



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: 40.511 ng

RT: 16.87 min Scan# 2346

Delta R.T. -0.02 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

Instrument :

BNA_G

ClientSampleId :

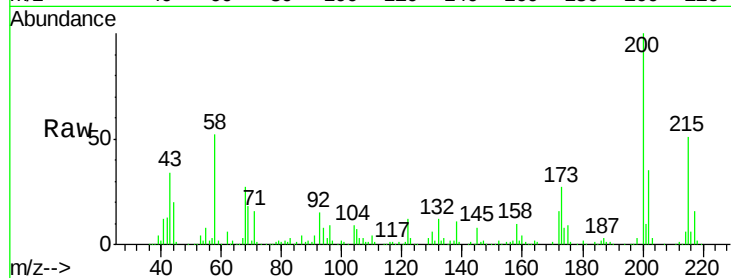
Tot Ion:200 Resp: 155325

Ion Ratio Lower Upper

200 100

173 26.9 7.1 47.1

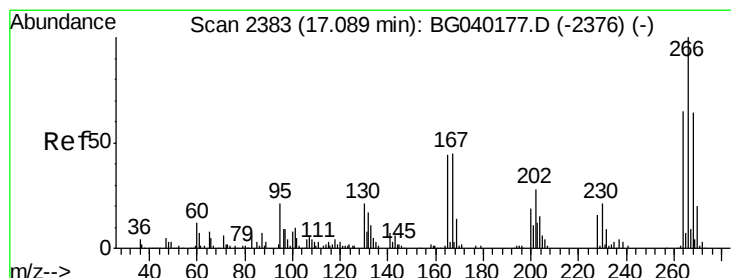
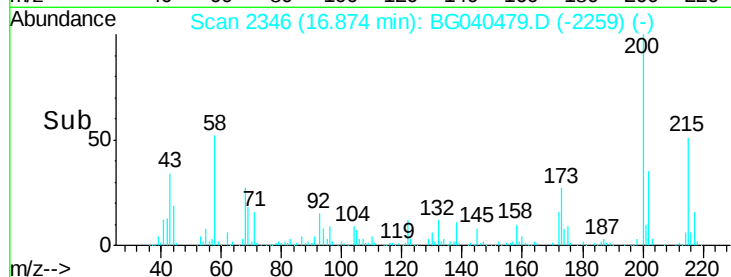
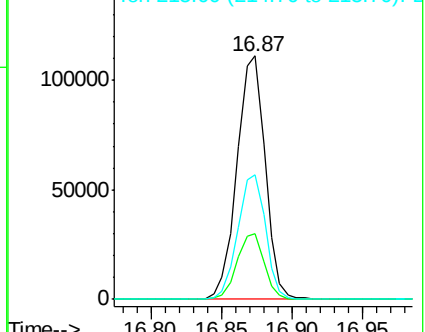
215 51.2 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 70.226 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.02 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

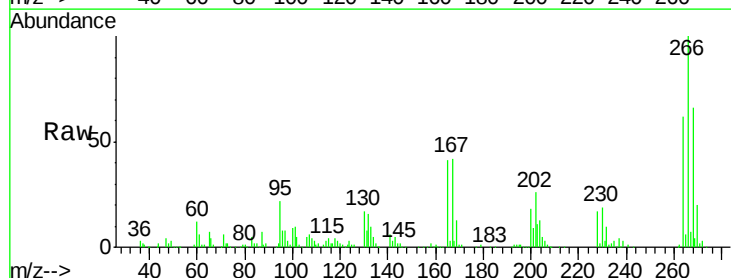
Tgt Ion:266 Resp: 161810

Ion Ratio Lower Upper

266 100

268 66.4 55.0 82.4

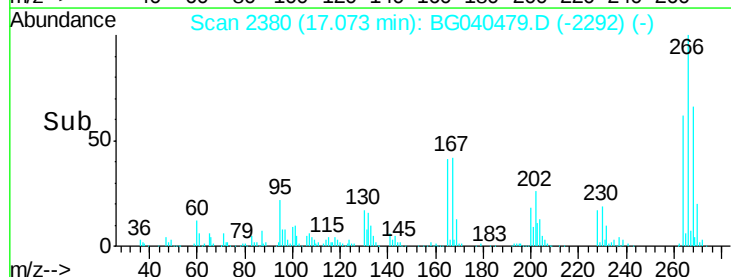
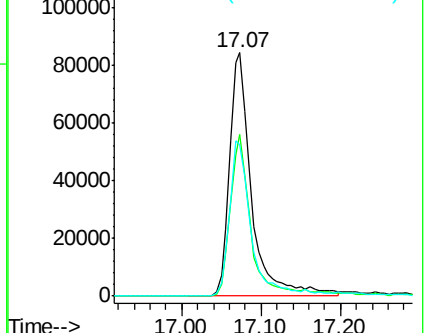
264 62.0 51.8 77.8

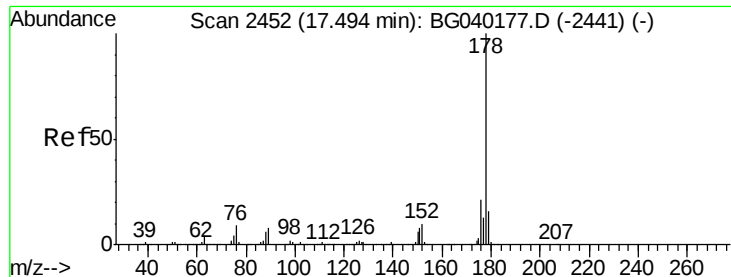


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

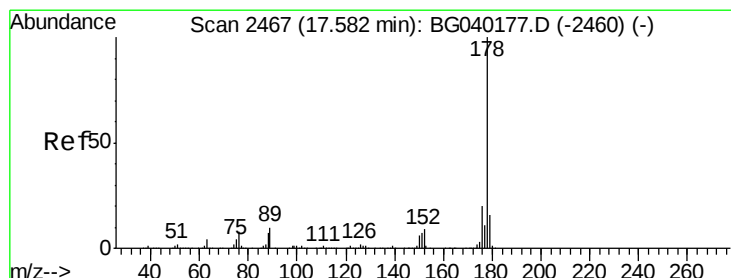
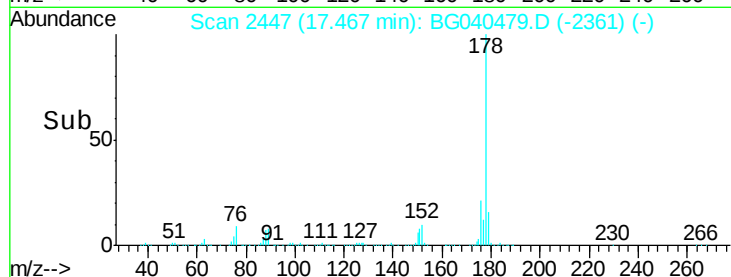
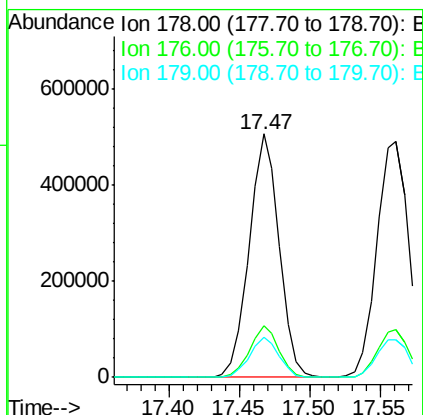
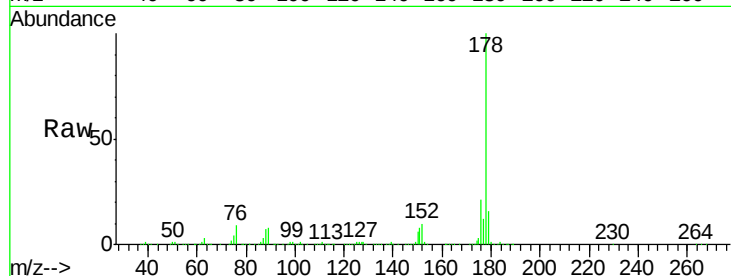




#71
Phenanthrene
Concen: 40.738 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

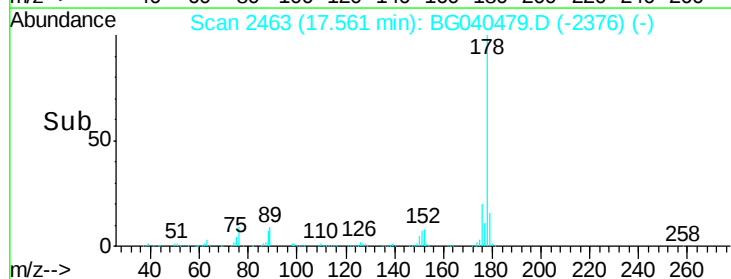
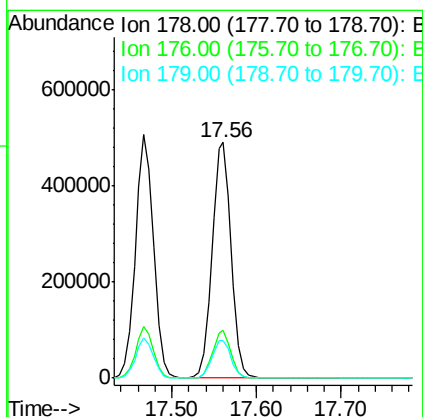
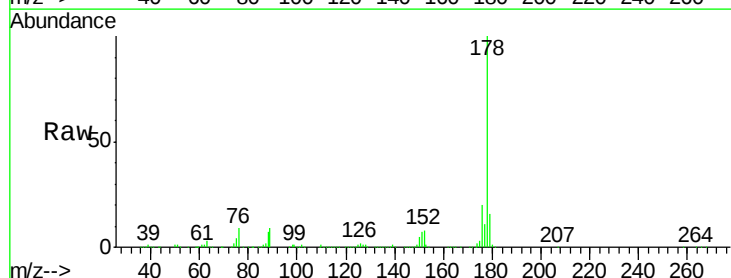
Instrument :
BNA_G
ClientSampleId :

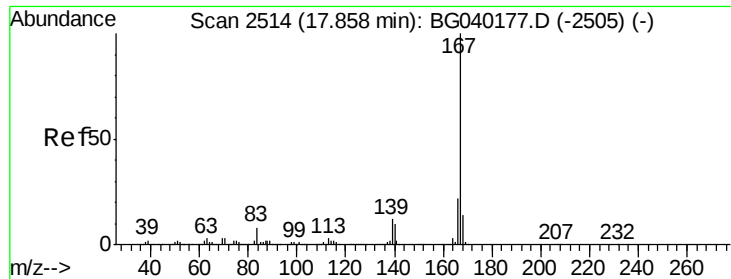
Tot Ion:178 Resp: 754216
Ion Ratio Lower Upper
178 100
176 21.0 16.7 25.1
179 16.3 12.8 19.2



#72
Anthracene
Concen: 41.957 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

Tgt Ion:178 Resp: 777488
Ion Ratio Lower Upper
178 100
176 20.3 15.9 23.9
179 15.9 12.9 19.3





#73

Carbazole

Concen: 43.566 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.03 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

Instrument :

BNA_G

ClientSampleId :

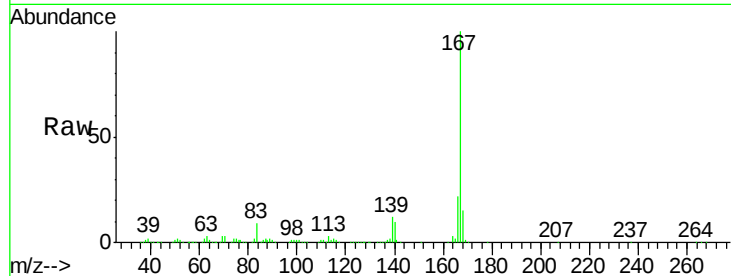
Tot Ion:167 Resp: 764028

Ion Ratio Lower Upper

167 100

166 21.7 17.5 26.3

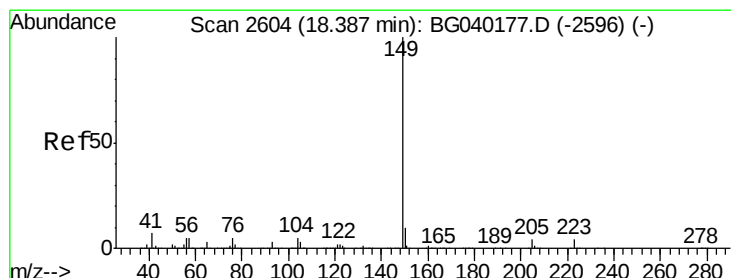
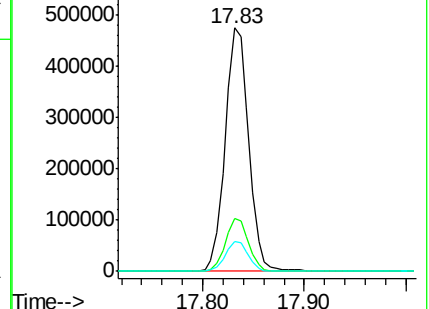
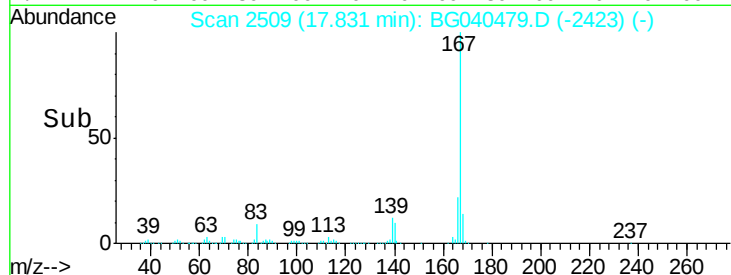
139 12.2 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.427 ng

RT: 18.37 min Scan# 2600

Delta R.T. -0.02 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

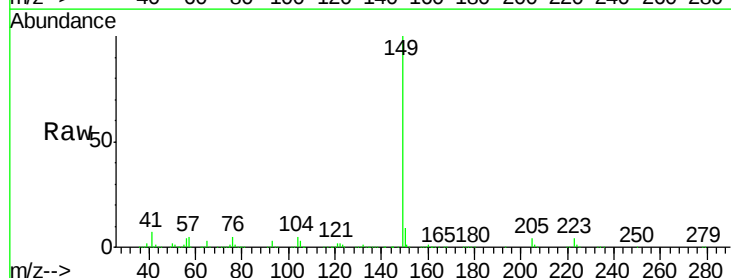
Tgt Ion:149 Resp: 902752

Ion Ratio Lower Upper

149 100

150 9.4 7.9 11.9

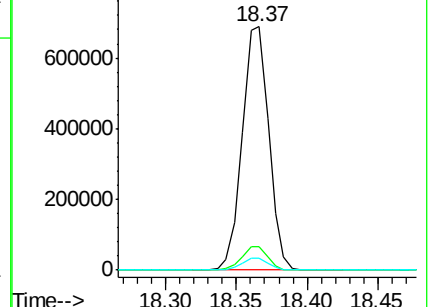
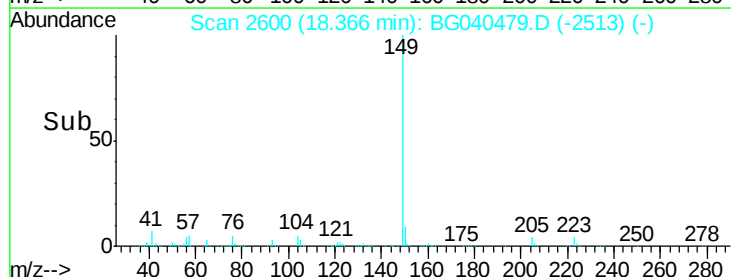
104 4.9 4.1 6.1

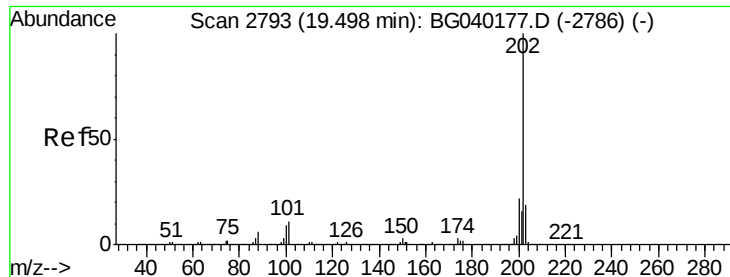


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.688 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

Instrument :

BNA_G

ClientSampleId :

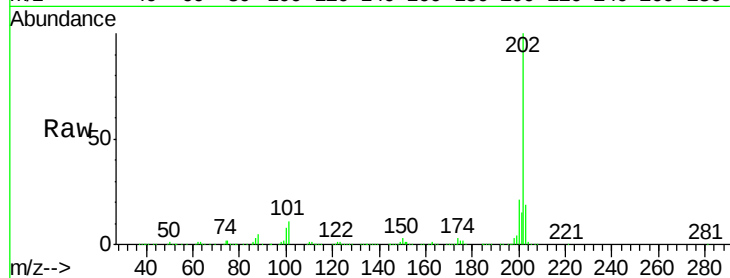
Tot Ion:202 Resp: 979686

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.8

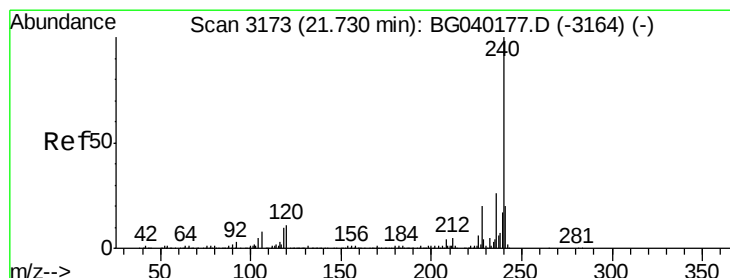
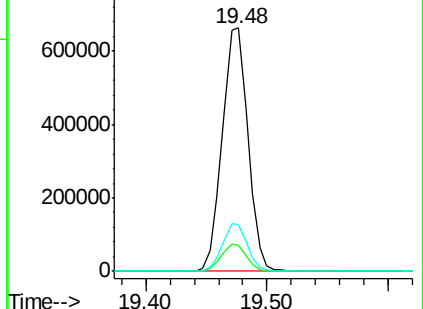
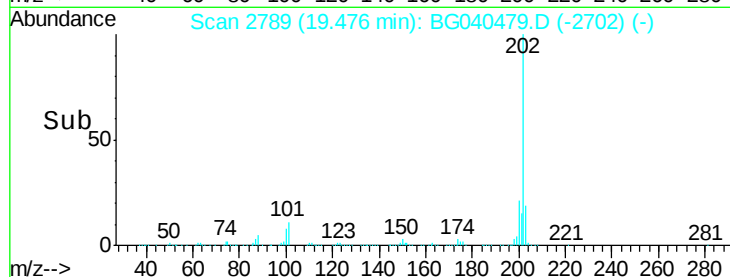
203 19.3 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.03 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

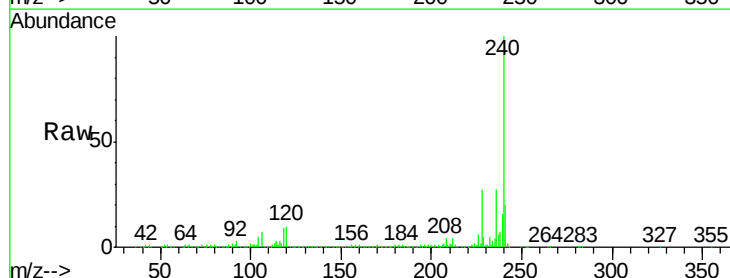
Tgt Ion:240 Resp: 387293

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

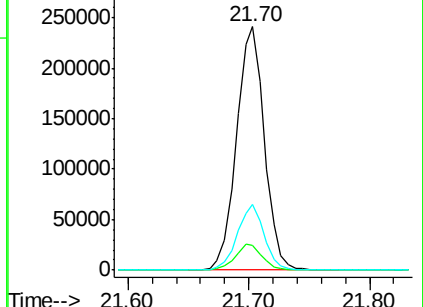
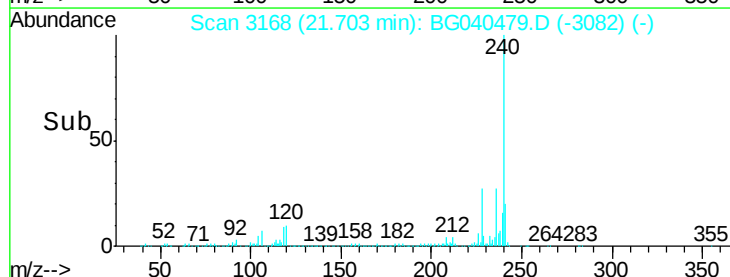
236 26.8 20.8 31.2

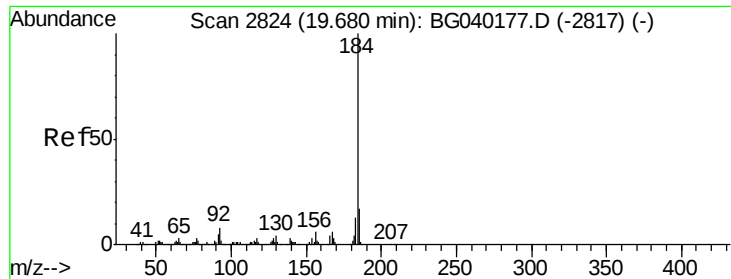


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.440 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

Instrument :

BNA_G

ClientSampleId :

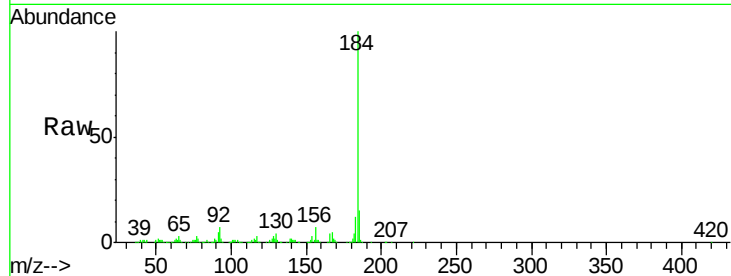
Tot Ion:184 Resp: 383770

Ion Ratio Lower Upper

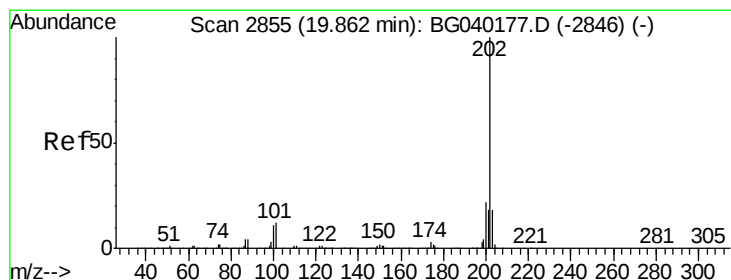
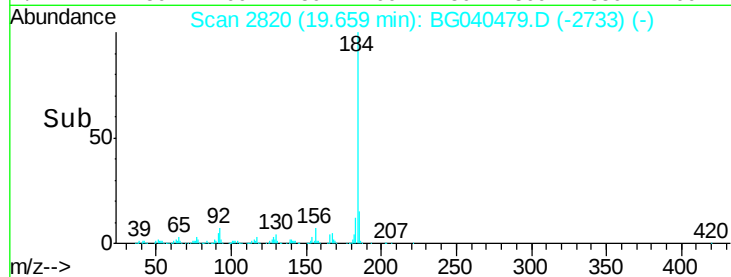
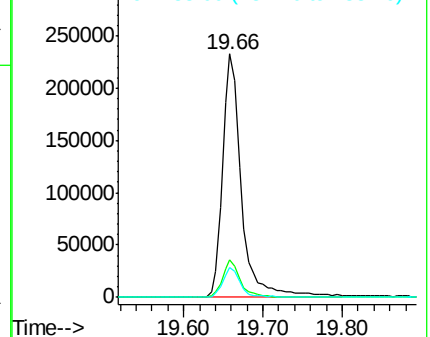
184 100

185 15.4 13.3 19.9

183 12.4 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.828 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

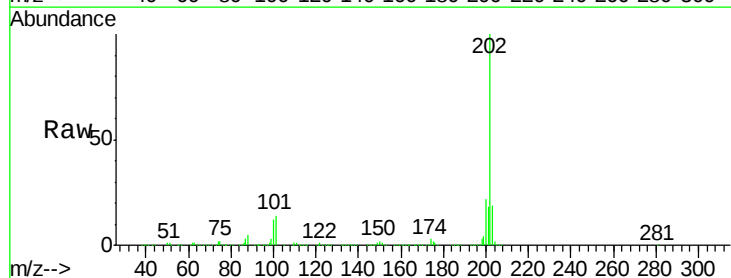
Tgt Ion:202 Resp: 988895

Ion Ratio Lower Upper

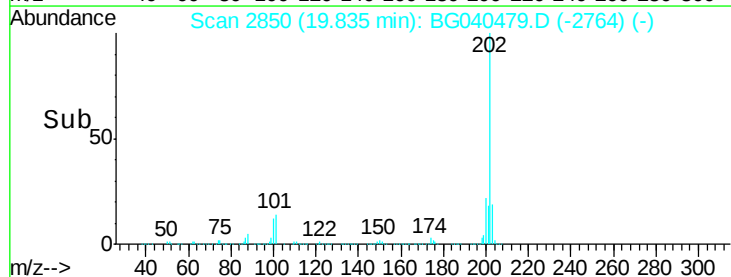
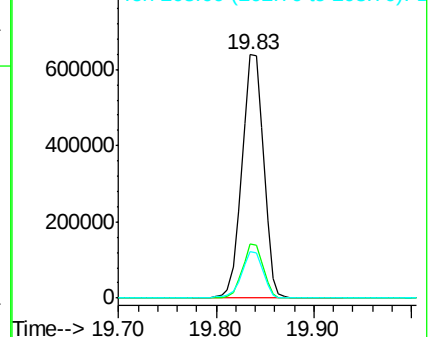
202 100

200 22.0 17.3 25.9

203 18.9 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.114 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

Instrument :

BNA_G

ClientSampleId :

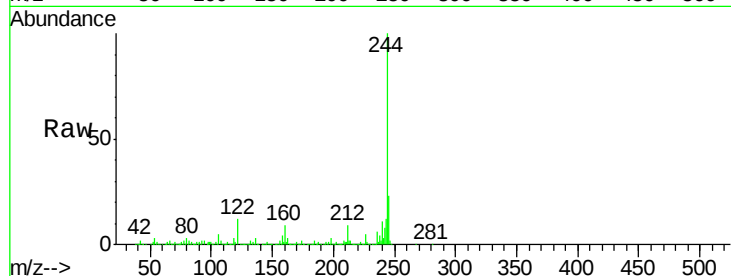
Tot Ion:244 Resp: 1413645

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

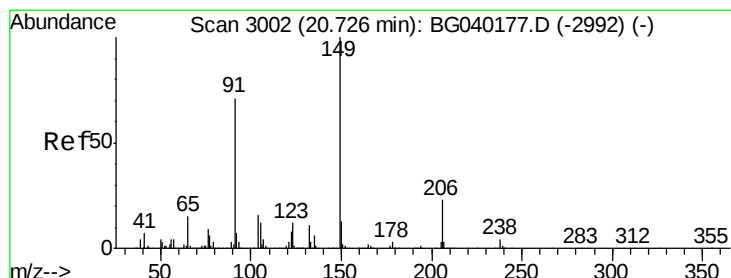
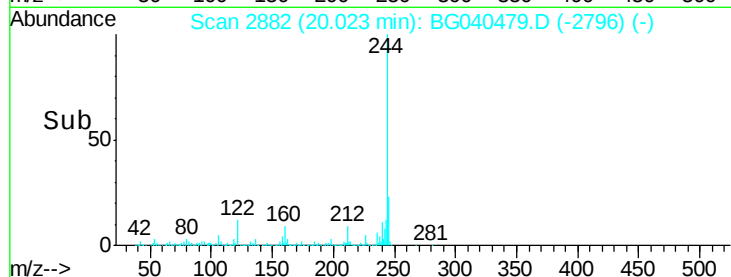
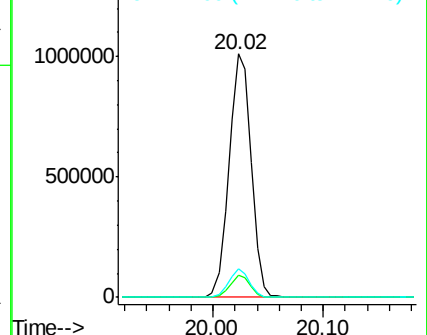
122 11.6 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.697 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

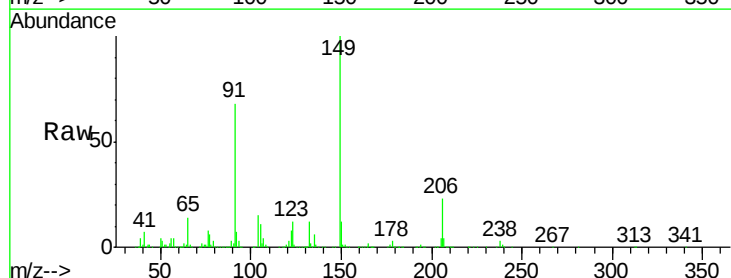
Tgt Ion:149 Resp: 454437

Ion Ratio Lower Upper

149 100

91 68.3 57.0 85.4

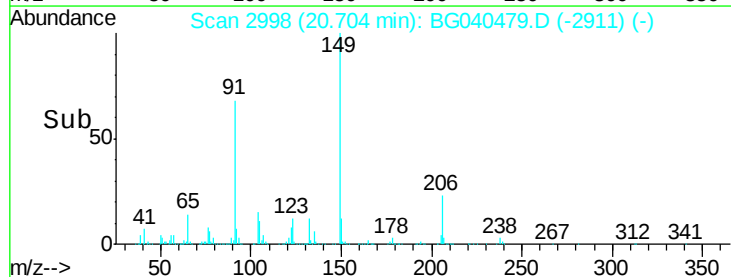
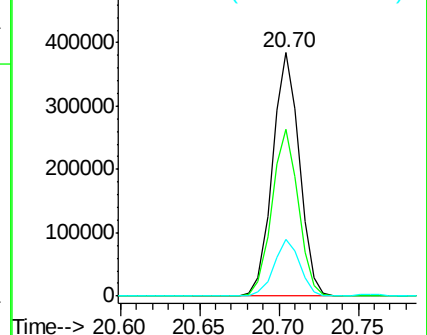
206 23.1 18.2 27.4

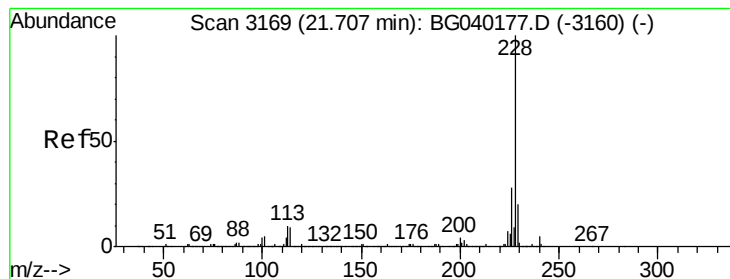


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.890 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

Instrument :

BNA_G

ClientSampleId :

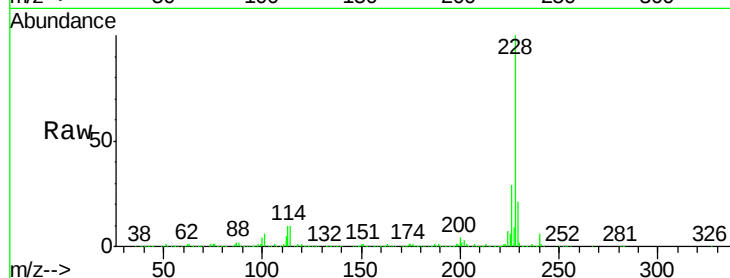
Tot Ion:228 Resp: 927728

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	34.0
229	20.5	16.1	24.1

228 100

226 28.6 22.6 34.0

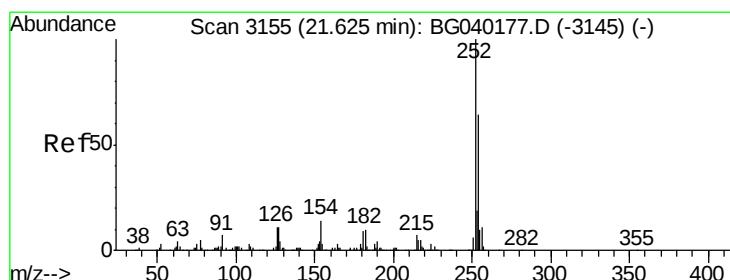
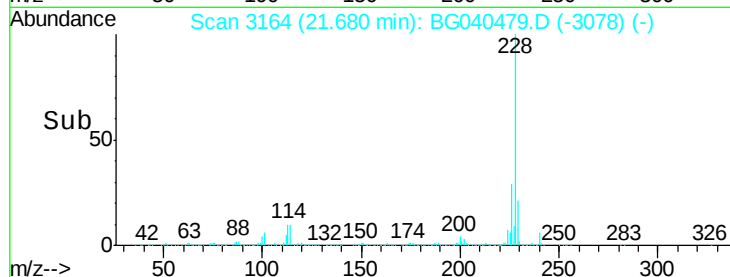
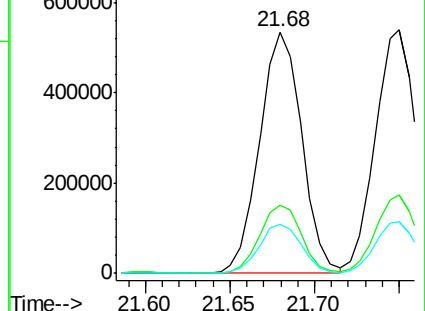
229 20.5 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.603 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.03 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

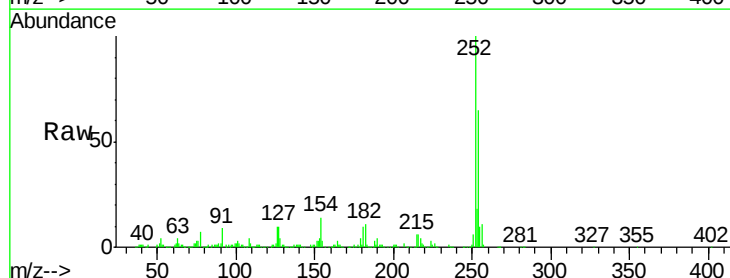
Tgt Ion:252 Resp: 268635

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.4	77.2
126	10.1	8.5	12.7

252 100

254 65.0 51.4 77.2

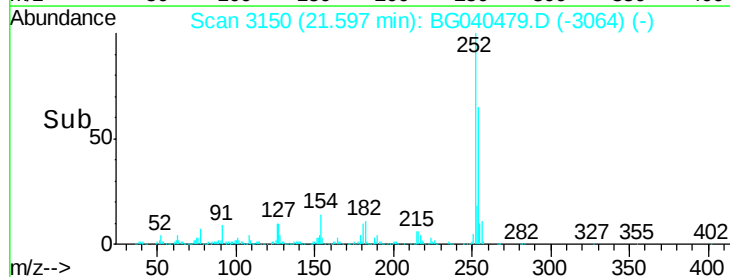
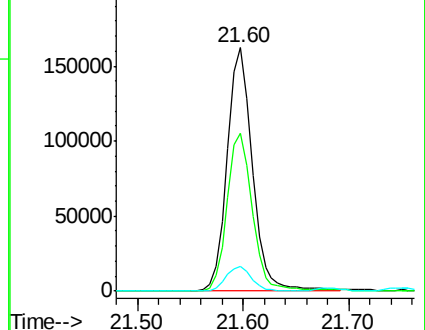
126 10.1 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

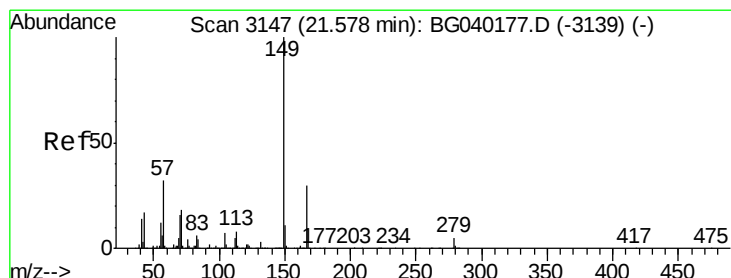
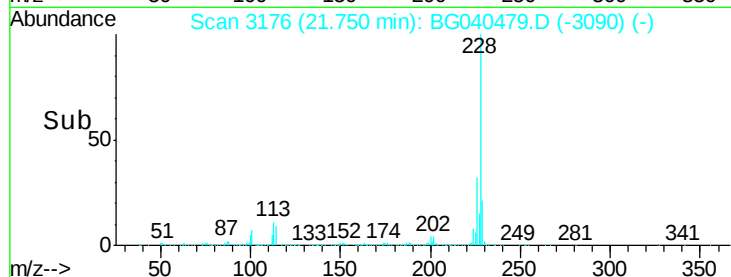
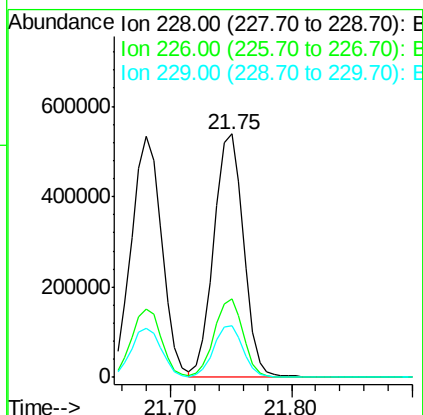
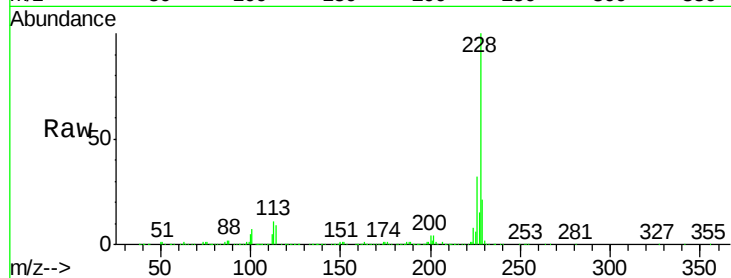




#83
 Chrvsene
 Concen: 39.787 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.03 min
 Lab File: BG040479.D
 Acq: 15 Apr 2019 14:18

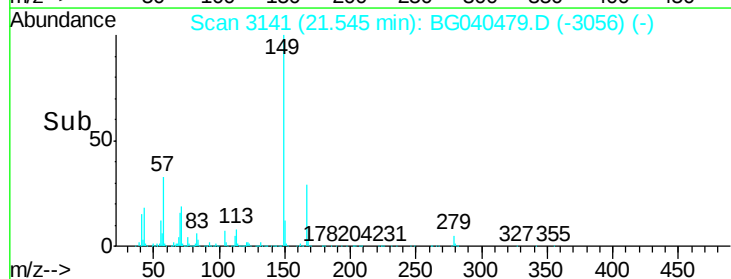
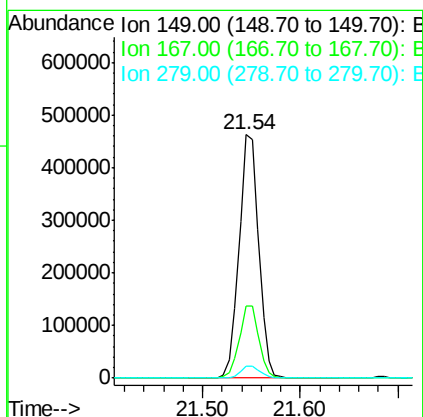
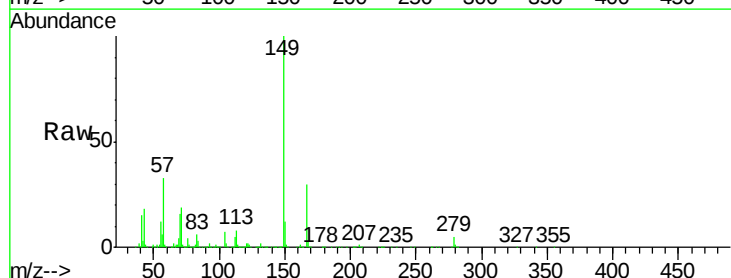
Instrument :
 BNA_G
 ClientSampleId :

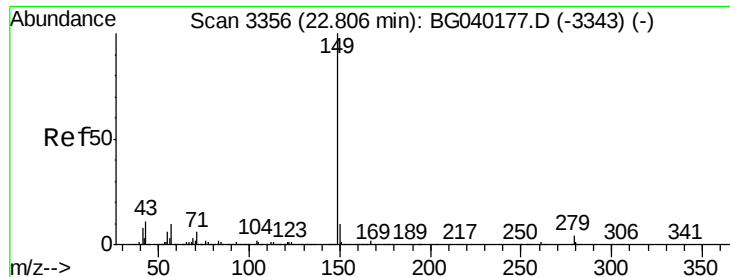
Tot Ion:228 Resp: 912165
 Ion Ratio Lower Upper
 228 100
 226 32.2 25.4 38.0
 229 21.0 17.0 25.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.579 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.03 min
 Lab File: BG040479.D
 Acq: 15 Apr 2019 14:18

Tgt Ion:149 Resp: 647768
 Ion Ratio Lower Upper
 149 100
 167 29.5 24.1 36.1
 279 4.7 4.1 6.1

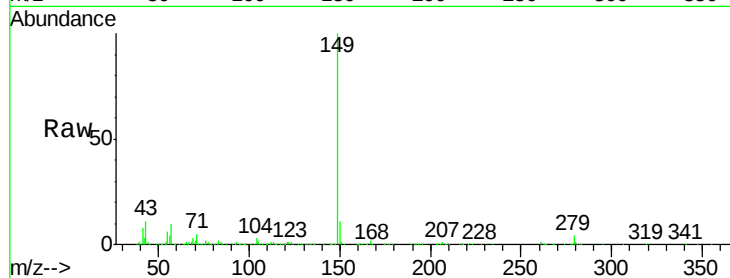




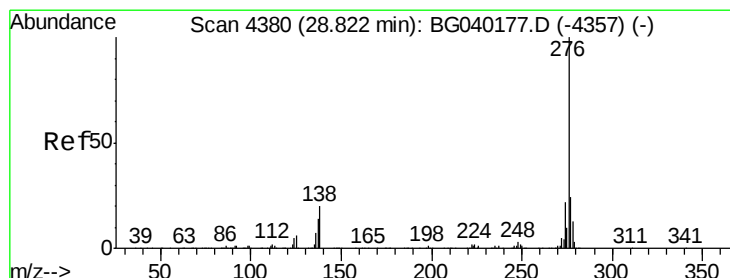
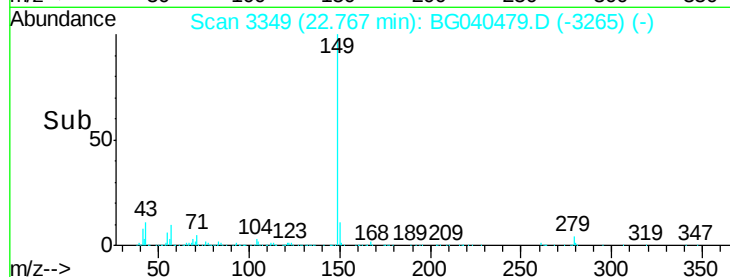
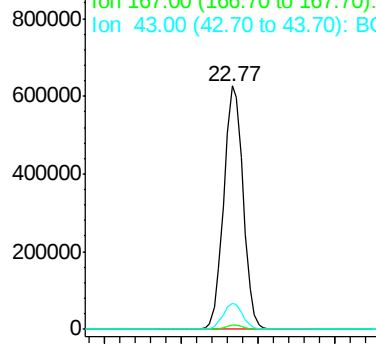
#85
Di-n-octyl phthalate
Concen: 41.695 ng
RT: 22.77 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1106718
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.7 8.7 13.1

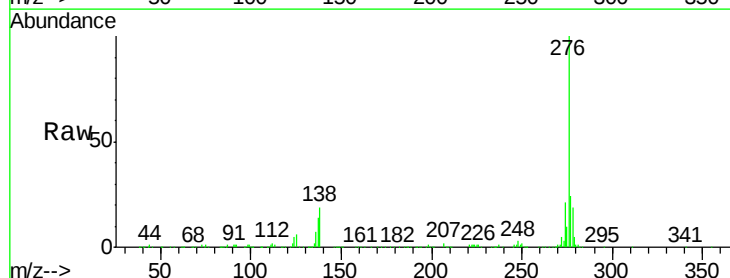


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

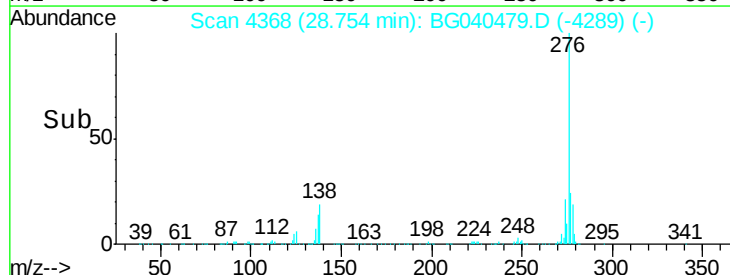
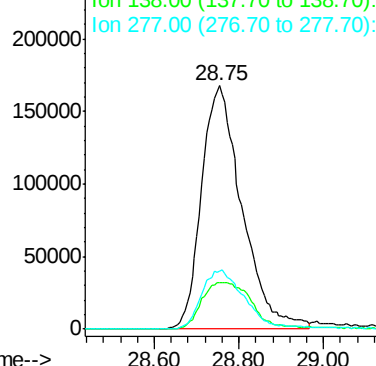


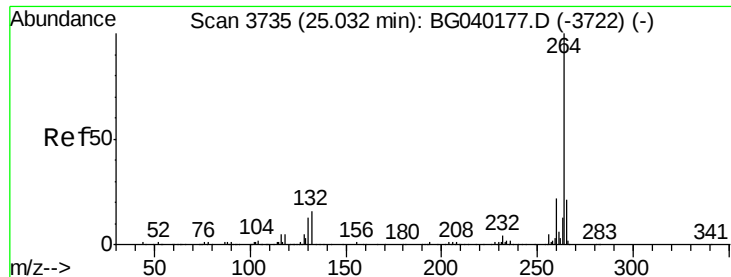
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.635 ng
RT: 28.75 min Scan# 4368
Delta R.T. -0.07 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

Tgt Ion:276 Resp: 1111370
Ion Ratio Lower Upper
276 100
138 22.8 18.8 28.2
277 25.8 21.0 31.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3726

Delta R.T. -0.05 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

Instrument :

BNA_G

ClientSampleId :

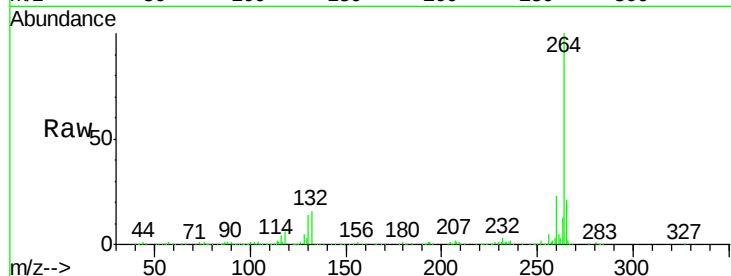
Tot Ion:264 Resp: 382413

Ion Ratio Lower Upper

264 100

260 22.6 17.9 26.9

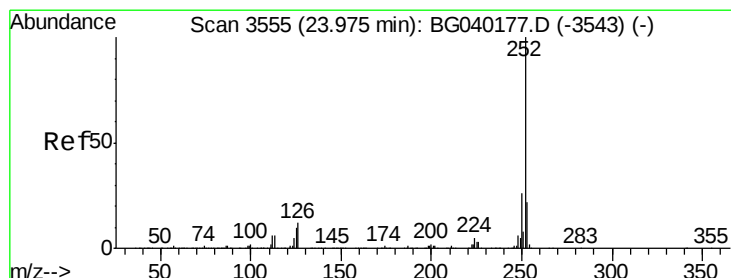
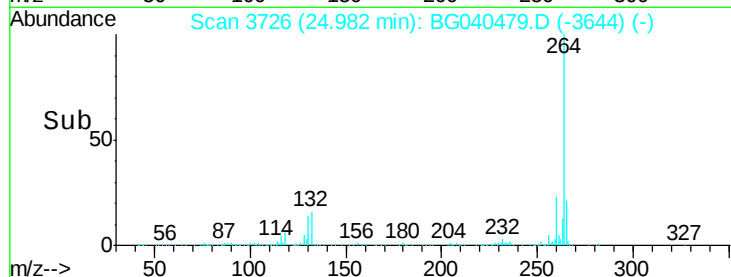
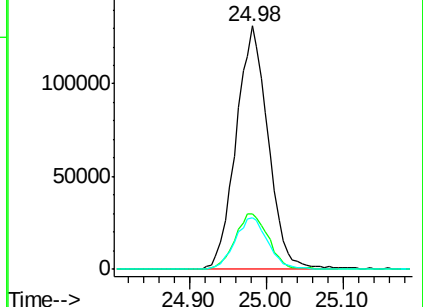
265 21.2 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.586 ng

RT: 23.93 min Scan# 3547

Delta R.T. -0.04 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

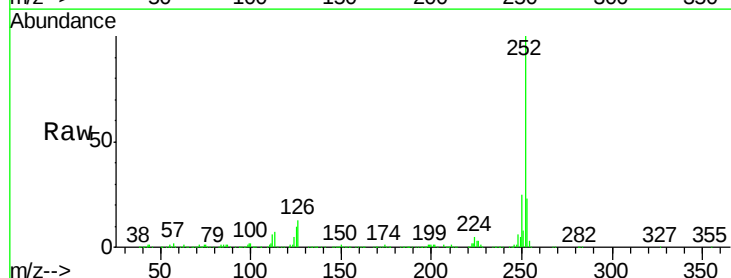
Tgt Ion:252 Resp: 997056

Ion Ratio Lower Upper

252 100

253 23.5 17.6 26.4

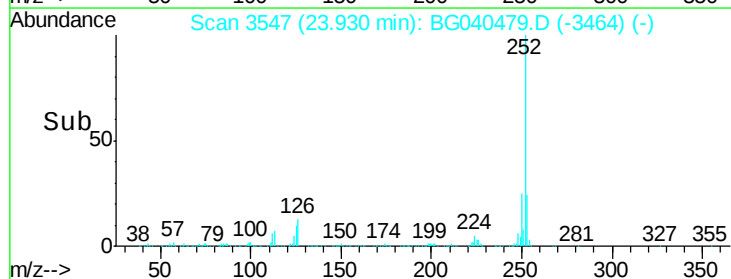
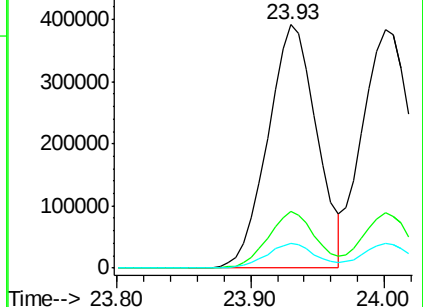
125 10.0 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

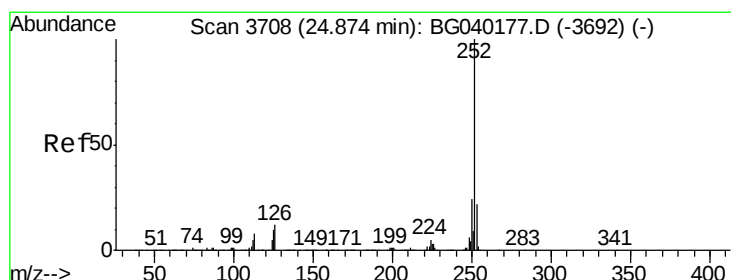
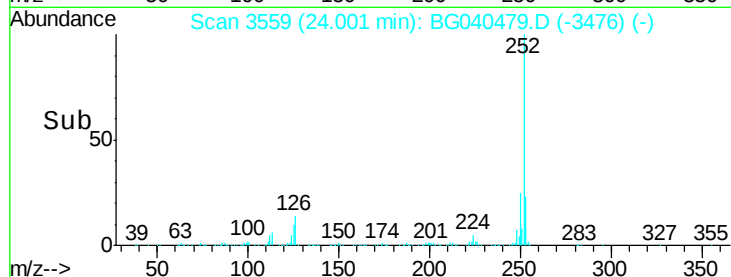
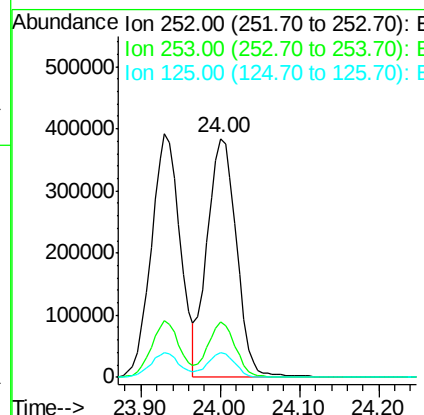
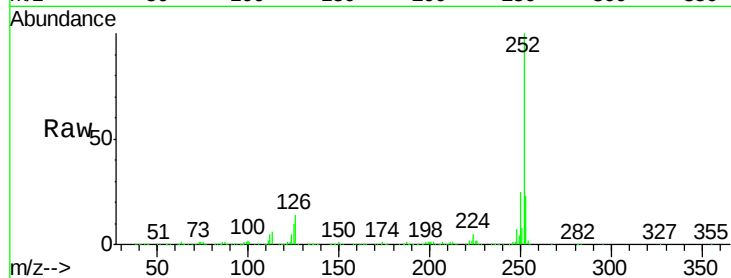




#89
Benzo(k)fluoranthene
Concen: 45.541 ng
RT: 24.00 min Scan# 3559
Delta R.T. -0.04 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

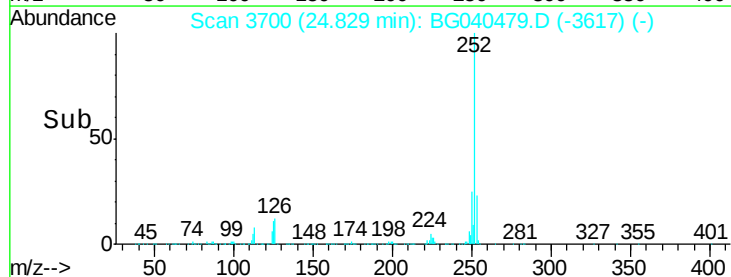
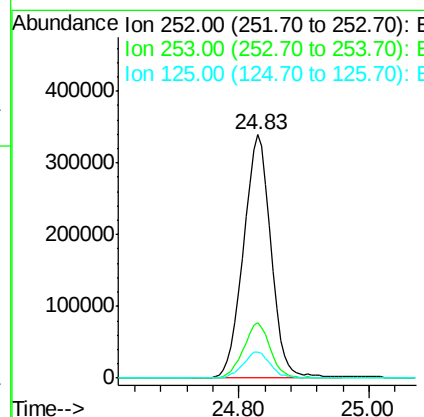
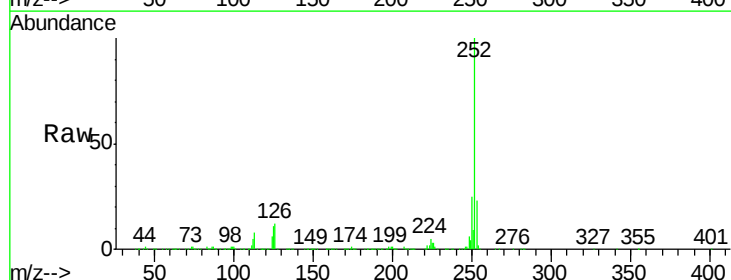
Instrument :
BNA_G
ClientSampleId :

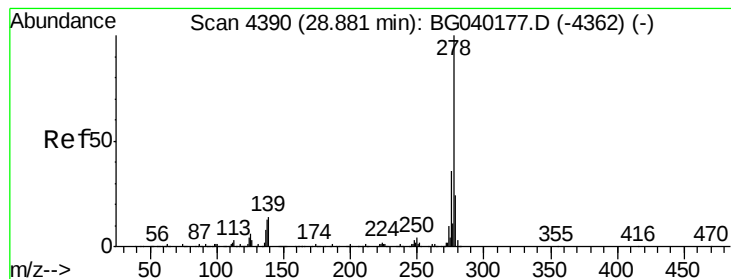
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	28.0
125	10.5	7.3	10.9



#90
Benzo(a)pyrene
Concen: 45.173 ng
RT: 24.83 min Scan# 3700
Delta R.T. -0.04 min
Lab File: BG040479.D
Acq: 15 Apr 2019 14:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	10.7	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 43.455 ng

RT: 28.81 min Scan# 4377

Delta R.T. -0.07 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

Instrument :

BNA_G

ClientSampled :

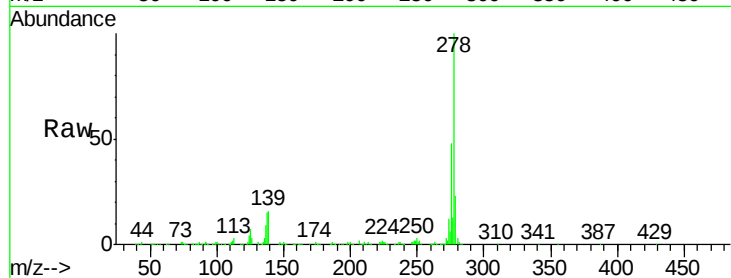
Tot Ion:278 Resp: 886586

Ion Ratio Lower Upper

278 100

139 16.1 11.2 16.8

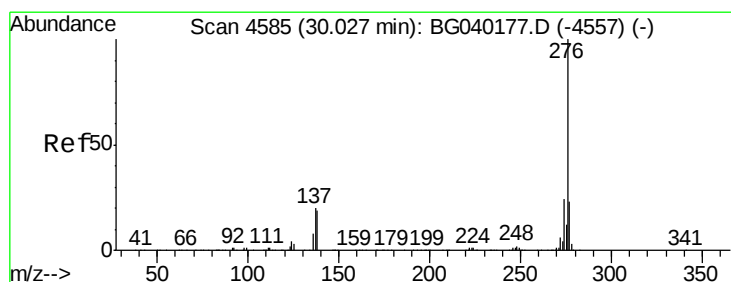
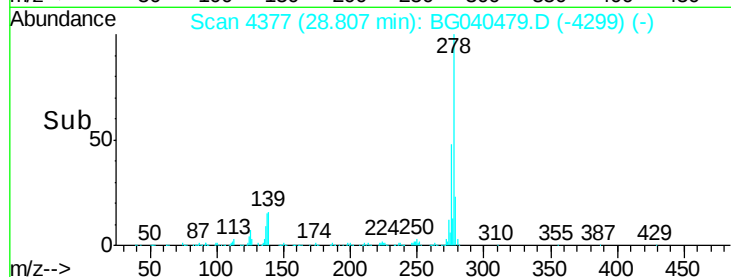
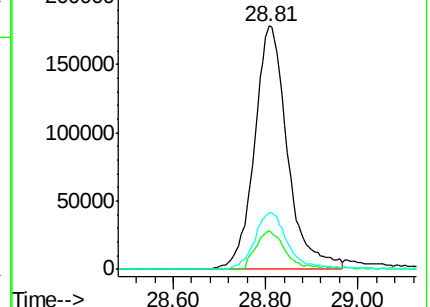
279 23.4 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.532 ng

RT: 29.94 min Scan# 4570

Delta R.T. -0.09 min

Lab File: BG040479.D

Acq: 15 Apr 2019 14:18

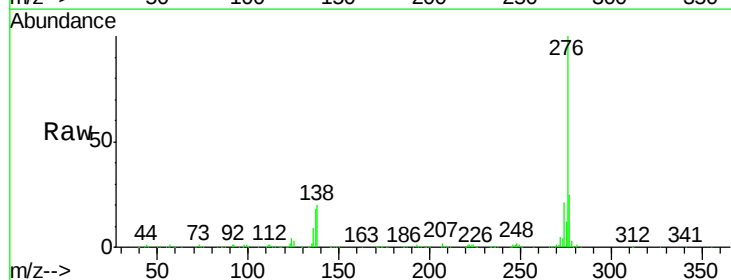
Tgt Ion:276 Resp: 912767

Ion Ratio Lower Upper

276 100

277 25.0 18.6 28.0

138 20.4 15.2 22.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

