

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
 Data File : BG040472.D
 Acq On : 12 Apr 2019 22:12
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 13 00:51:14 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	8.05	152	42480	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	182220	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	119997	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	325038	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	372329	20.00	ng	-0.04
87) Perylene-d12	24.96	264	387861	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	199884	78.22	ng	-0.02
7) Phenol-d6	7.20	99	282294	79.94	ng	-0.02
23) Nitrobenzene-d5	9.22	82	257759	75.19	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	113428	87.46	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	610200	75.35	ng	-0.03
79) Terphenyl-d14	20.02	244	1202962	72.68	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	49723	41.382	ng	95
3) Pyridine	3.90	79	126470	39.093	ng	99
4) n-Nitrosodimethylamine	3.82	42	55309	36.960	ng	# 88
6) Aniline	7.37	93	170306	37.118	ng	98
8) 2-Chlorophenol	7.61	128	115309	38.549	ng	95
9) Benzaldehyde	7.19	77	78952	32.592	ng	96
10) Phenol	7.22	94	150083	39.154	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	112657	36.695	ng	98
12) 1,3-Dichlorobenzene	7.93	146	124314	38.231	ng	94
13) 1,4-Dichlorobenzene	8.08	146	125021	38.603	ng	100
14) 1,2-Dichlorobenzene	8.40	146	117516	37.944	ng	92
15) Benzyl Alcohol	8.29	79	100367	35.290	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	217347	36.887	ng	98
17) 2-Methylphenol	8.48	107	98389	37.094	ng	98
18) Hexachloroethane	9.12	117	45608	37.023	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	88494	34.950	ng	99
20) 3+4-Methylphenols	8.81	107	134323	37.382	ng	98
22) Acetophenone	8.87	105	169077	37.197	ng	# 96
24) Nitrobenzene	9.26	77	133383	37.573	ng	97
25) Isophorone	9.77	82	252859	35.847	ng	99
26) 2-Nitrophenol	9.97	139	64307	38.230	ng	99
27) 2,4-Dimethylphenol	10.01	122	98337	36.804	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	153374	36.752	ng	98
29) 2,4-Dichlorophenol	10.50	162	113532	39.146	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	122615	38.503	ng	99
31) Naphthalene	10.91	128	360366	38.583	ng	99
32) Benzoic acid	10.16	122	23853	14.775	ng	92
33) 4-Chloroaniline	11.03	127	154003	38.655	ng	97
34) Hexachlorobutadiene	11.17	225	72371	35.534	ng	92
35) Caprolactam	11.81	113	45940	39.916	ng	96
36) 4-Chloro-3-methylphenol	12.14	107	136692	40.997	ng	99
37) 2-Methylnaphthalene	12.51	142	266375	38.561	ng	98
38) 1-Methylnaphthalene	12.72	142	264380	39.469	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	139313	36.527	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
 Data File : BG040472.D
 Acq On : 12 Apr 2019 22:12
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 13 00:51:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

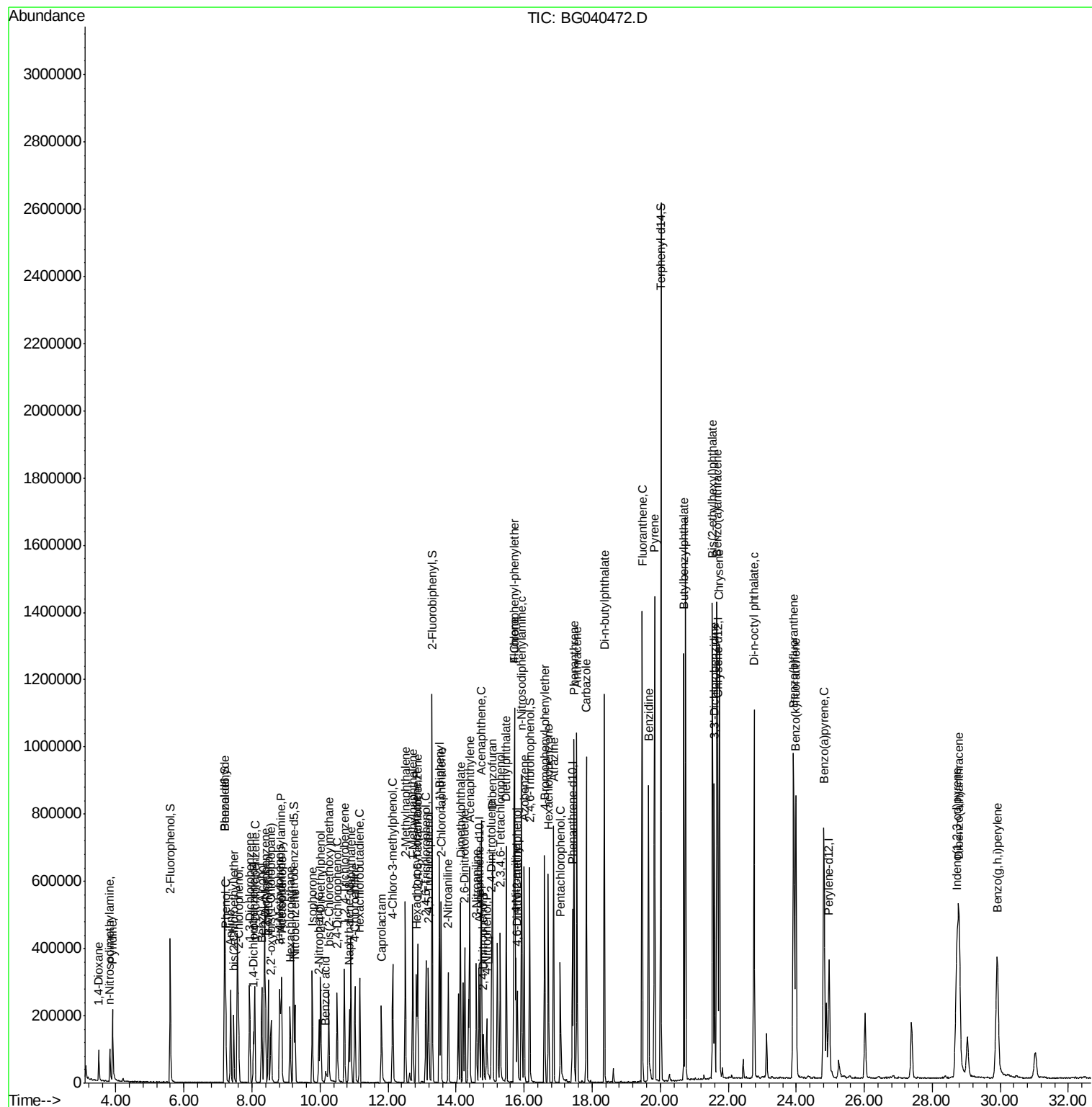
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	91376	43.635	ng	98
43) 2,4,6-Trichlorophenol	13.11	196	89140	36.251	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	103989	38.799	ng	97
46) 1,1'-Biphenyl	13.51	154	354622	37.402	ng	99
47) 2-Chloronaphthalene	13.56	162	268783	36.957	ng	100
48) 2-Nitroaniline	13.77	65	98786	40.269	ng	96
49) Acenaphthylene	14.40	152	483651	39.223	ng	98
50) Dimethylphthalate	14.13	163	367330	39.113	ng	98
51) 2,6-Dinitrotoluene	14.26	165	84939	40.280	ng	97
52) Acenaphthene	14.74	154	273206	38.666	ng	97
53) 3-Nitroaniline	14.59	138	94329	42.259	ng	96
54) 2,4-Dinitrophenol	14.80	184	39384	35.118	ng	97
55) Dibenzofuran	15.07	168	457880	40.329	ng	99
56) 4-Nitrophenol	14.90	139	68531	38.041	ng	98
57) 2,4-Dinitrotoluene	15.04	165	128161	43.740	ng	98
58) Fluorene	15.72	166	368837	41.320	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	104933	43.144	ng	97
60) Diethylphthalate	15.47	149	394669	41.068	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	191385	40.110	ng	96
62) 4-Nitroaniline	15.75	138	104024	43.425	ng	95
63) Azobenzene	16.00	77	383192	42.272	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	64992	35.590	ng	97
66) n-Nitrosodiphenylamine	15.93	169	343925	36.159	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	130627	35.712	ng	95
68) Hexachlorobenzene	16.71	284	135764	36.915	ng	96
69) Atrazine	16.87	200	131889	37.276	ng	100
70) Pentachlorophenol	17.07	266	81938	38.536	ng	97
71) Phenanthrene	17.46	178	662568	38.782	ng	99
72) Anthracene	17.55	178	660543	38.628	ng	100
73) Carbazole	17.83	167	665476	41.121	ng	100
74) Di-n-butylphthalate	18.36	149	780194	40.671	ng	99
75) Fluoranthene	19.47	202	882101	43.603	ng	99
77) Benzidine	19.66	184	561551	41.766	ng	98
78) Pyrene	19.83	202	890368	36.364	ng	99
80) Butylbenzylphthalate	20.70	149	394118	37.616	ng	95
81) Benzo(a)anthracene	21.67	228	868489	37.870	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	331647	38.016	ng	99
83) Chrysene	21.74	228	841030	38.159	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	577207	38.539	ng	99
85) Di-n-octyl phthalate	22.76	149	974224	38.179	ng	100
86) Indeno(1,2,3-cd)pyrene	28.72	276	1009495	37.448	ng	# 87
88) Benzo(b)fluoranthene	23.92	252	896387	37.748	ng	99
89) Benzo(k)fluoranthene	23.99	252	851050	38.972	ng	99
90) Benzo(a)pyrene	24.81	252	859871	38.593	ng	99
91) Dibenzo(a,h)anthracene	28.78	278	789080	38.133	ng	97
92) Benzo(g,h,i)perylene	29.91	276	808703	38.028	ng	98

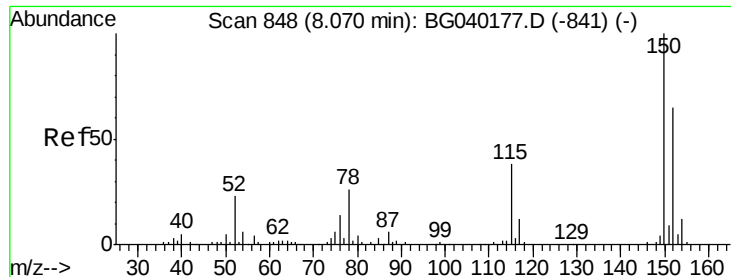
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
Data File : BG040472.D
Acq On : 12 Apr 2019 22:12
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 13 00:51:14 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.02 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

Instrument :

BNA_G

ClientSampleId :

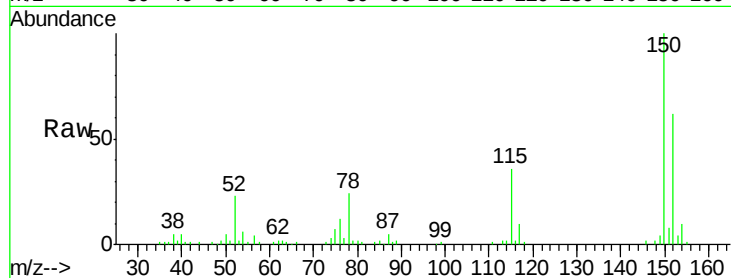
Tot Ion:152 Resp: 42480

Ion Ratio Lower Upper

152 100

150 160.3 123.7 185.5

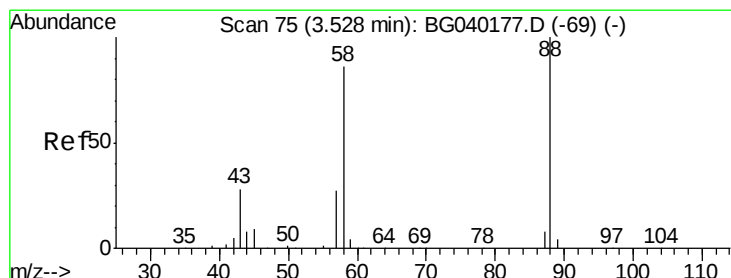
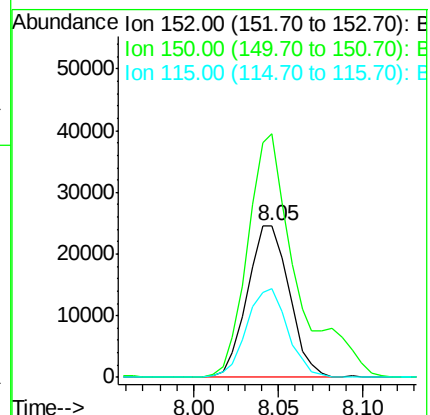
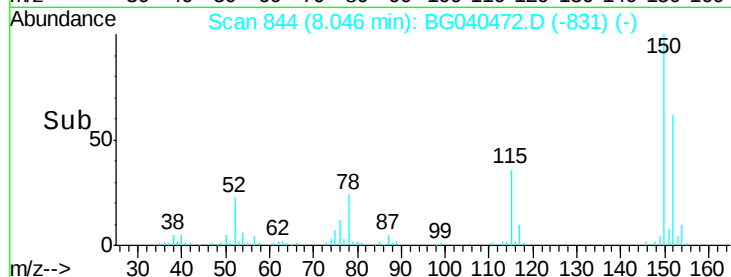
115 58.0 46.9 70.3



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



#2

1,4-Dioxane

Concen: 41.382 ng

RT: 3.49 min Scan# 69

Delta R.T. -0.04 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

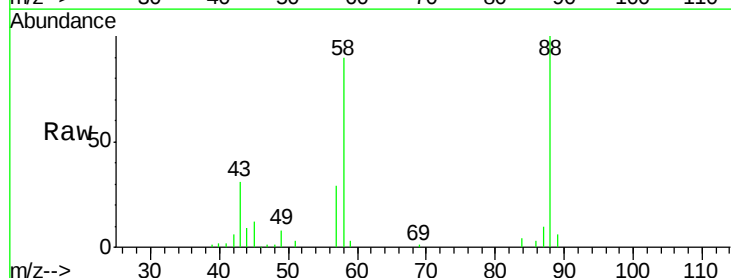
Tgt Ion: 88 Resp: 49723

Ion Ratio Lower Upper

88 100

58 83.3 70.6 106.0

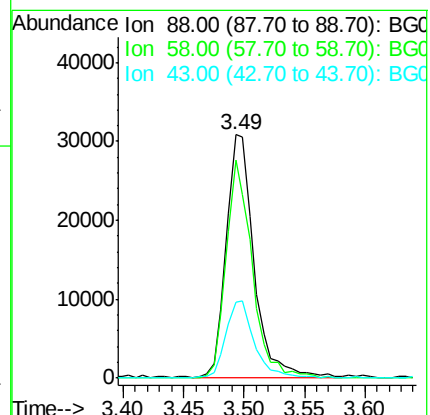
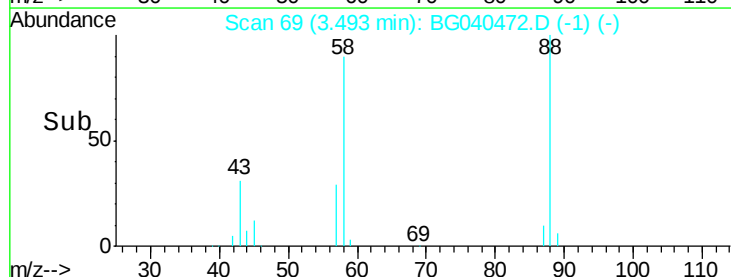
43 32.4 24.8 37.2

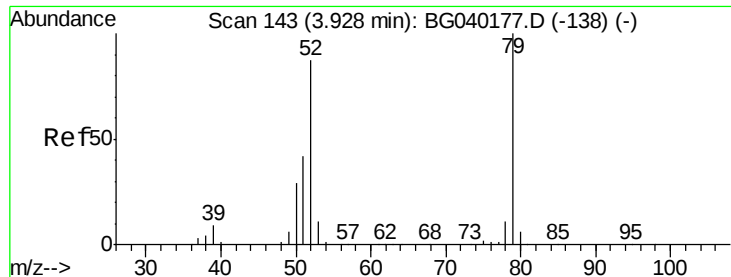


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.093 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

Instrument :

BNA_G

ClientSampled :

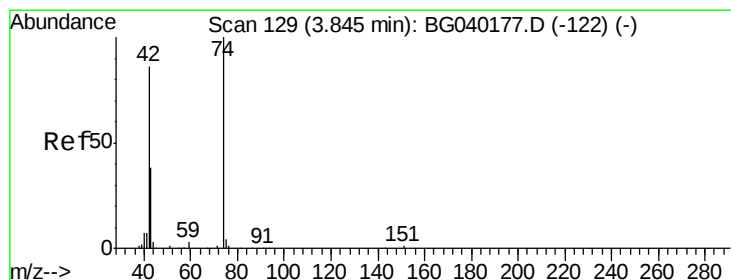
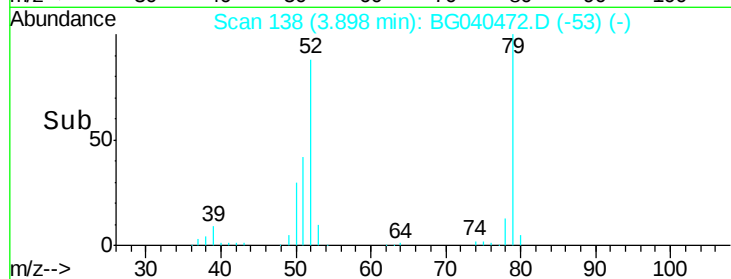
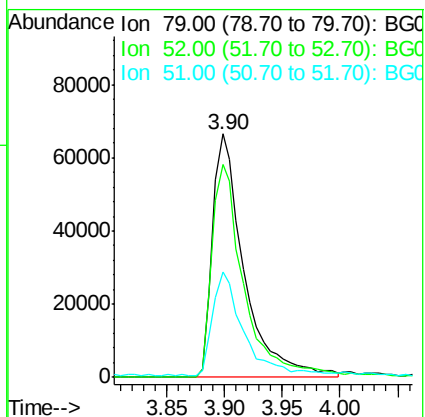
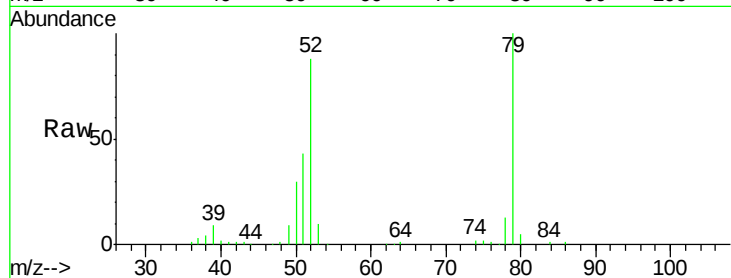
Tot Ion: 79 Resp: 126470

Ion Ratio Lower Upper

79 100

52 87.5 69.8 104.8

51 43.1 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 36.960 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.02 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

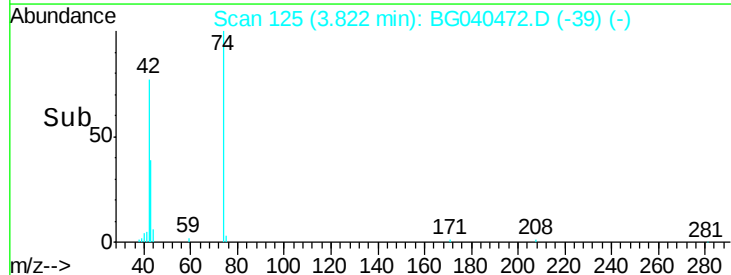
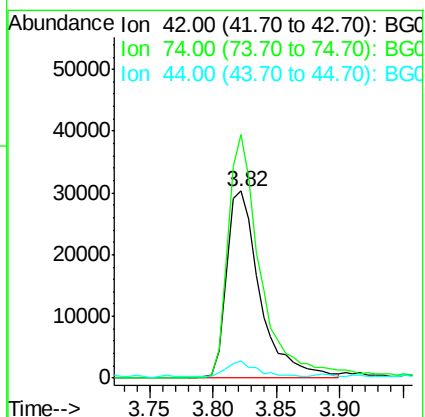
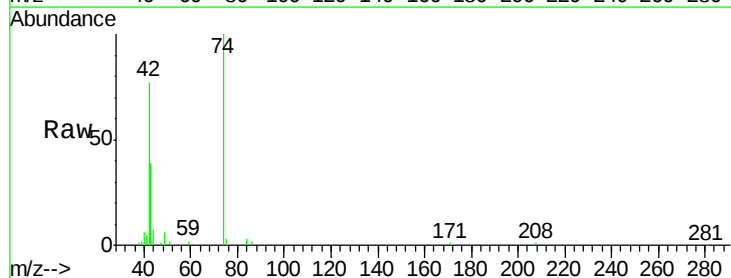
Tgt Ion: 42 Resp: 55309

Ion Ratio Lower Upper

42 100

74 130.3 92.9 139.3

44 9.2 9.7 14.5#





#5

2-Fluorophenol

Concen: 78.223 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040472.D

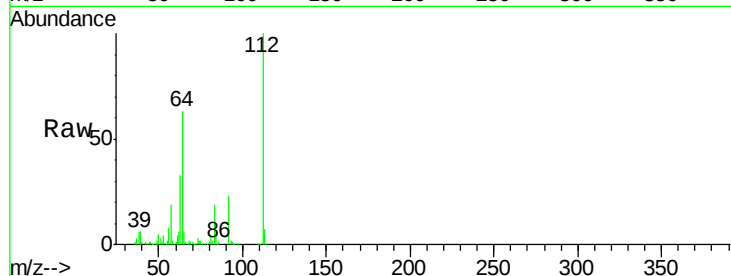
Acq: 12 Apr 2019 22:12

Instrument :

BNA_G

ClientSampleId :

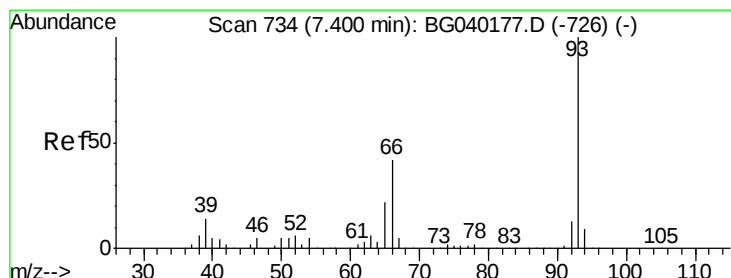
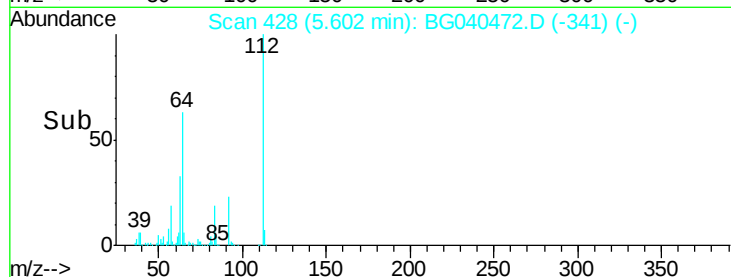
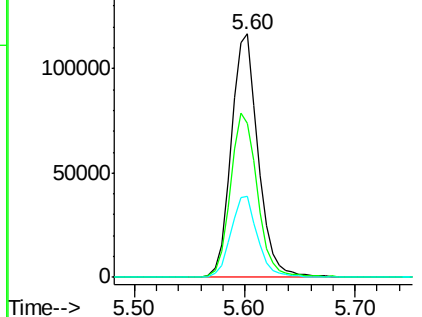
Tot Ion:	112	Resp:	199884
Ion	Ratio	Lower	Upper
112	100		
64	63.3	54.2	81.2
63	33.1	26.4	39.6



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: 37.118 ng

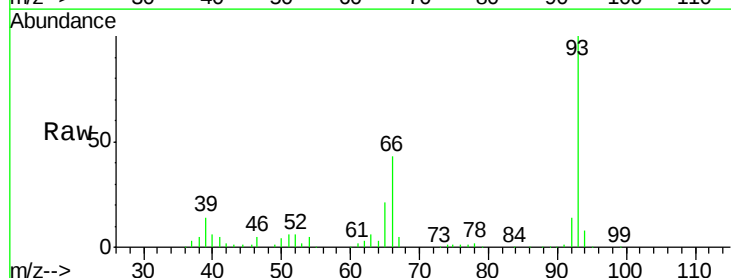
RT: 7.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

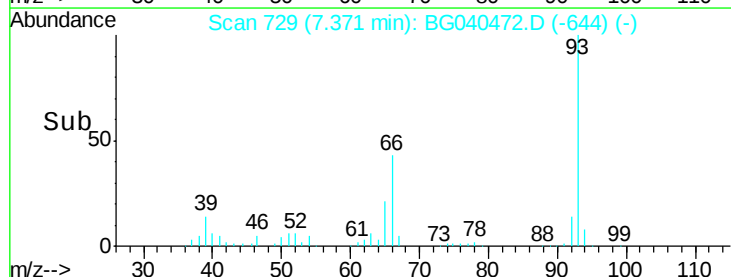
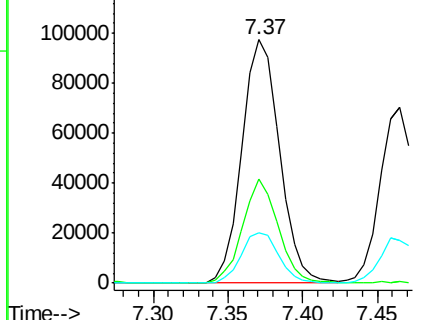
Tgt Ion:	93	Resp:	170306
Ion	Ratio	Lower	Upper
93	100		
66	42.9	33.6	50.4
65	20.9	17.4	26.2

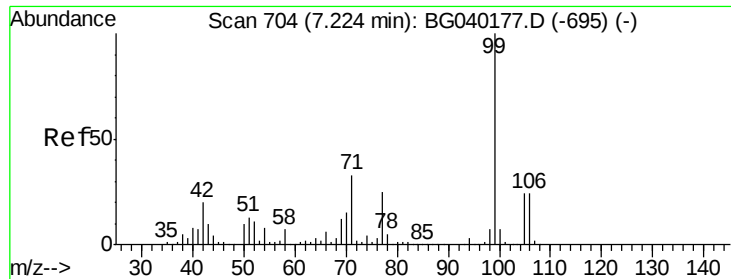


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 79.936 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

Instrument :

BNA_G

ClientSampled :

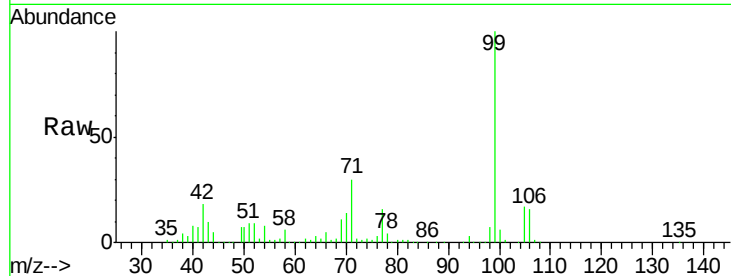
Tot Ion: 99 Resp: 282294

Ion Ratio Lower Upper

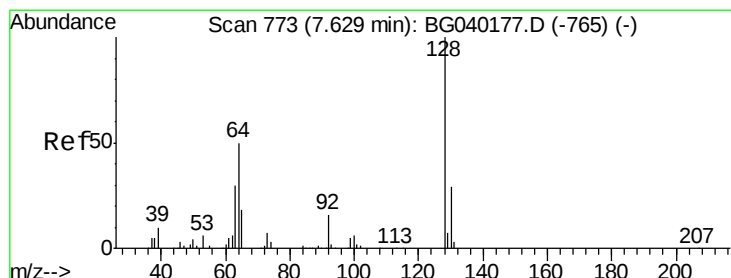
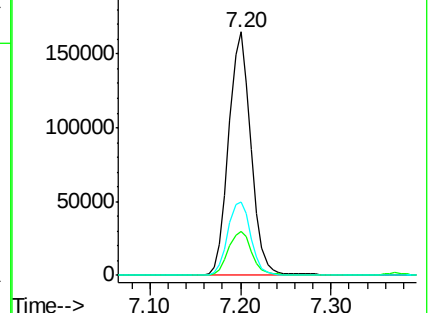
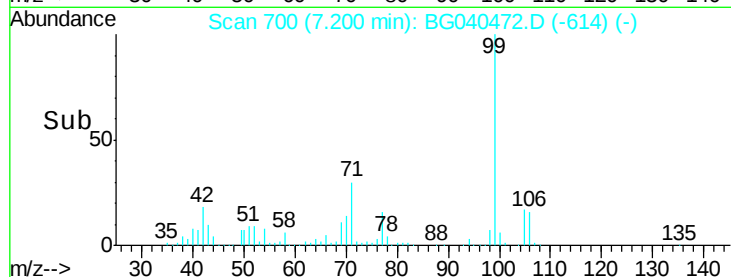
99 100

42 18.0 16.2 24.2

71 30.0 26.8 40.2



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



#8

2-Chlorophenol

Concen: 38.549 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

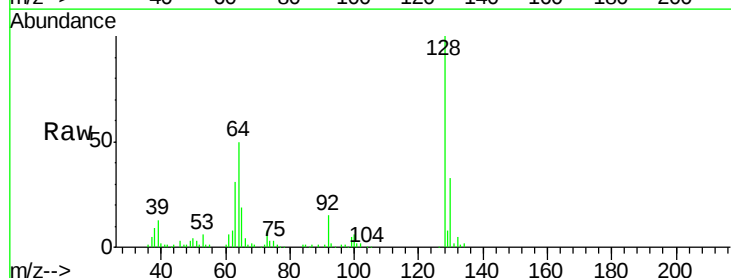
Tgt Ion: 128 Resp: 115309

Ion Ratio Lower Upper

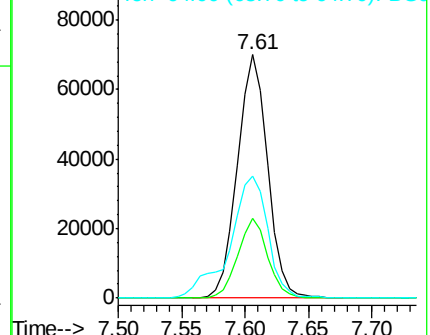
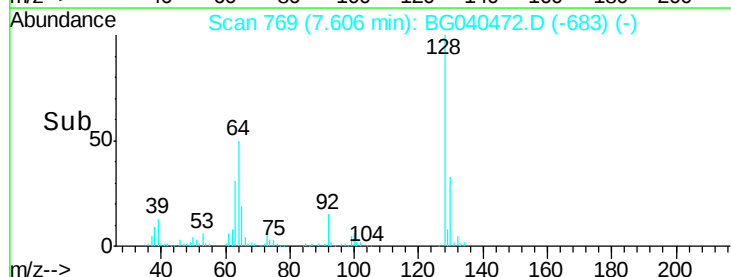
128 100

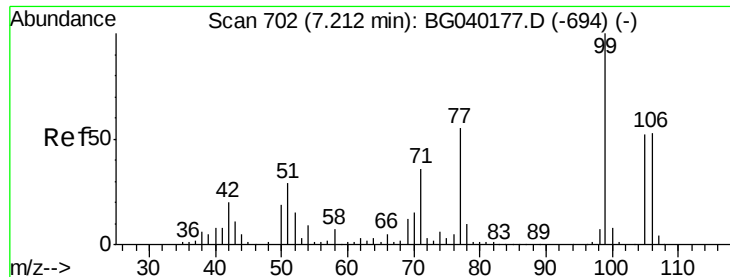
130 32.8 9.1 49.1

64 50.2 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: 32.592 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

Instrument :

BNA_G

ClientSampleId :

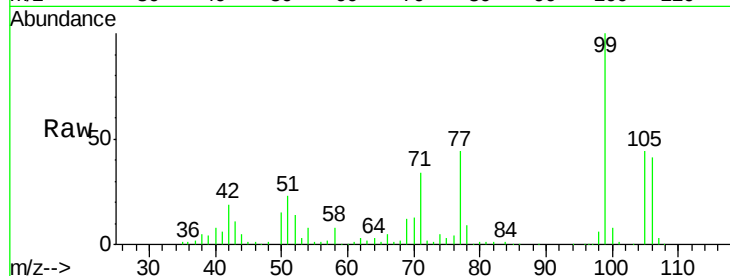
Tot Ion: 77 Resp: 78952

Ion Ratio Lower Upper

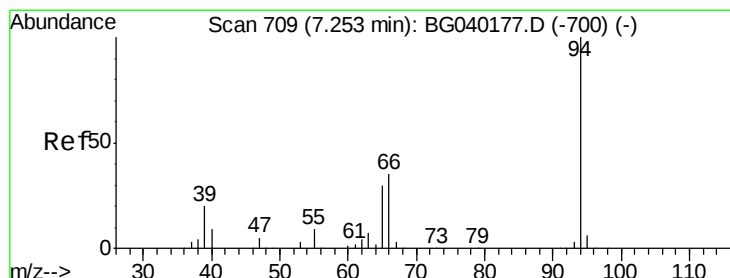
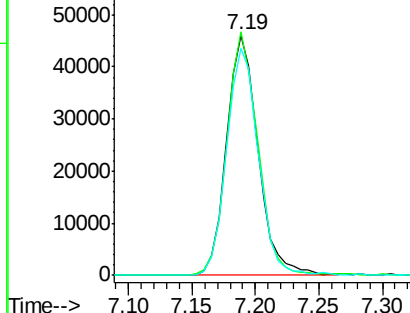
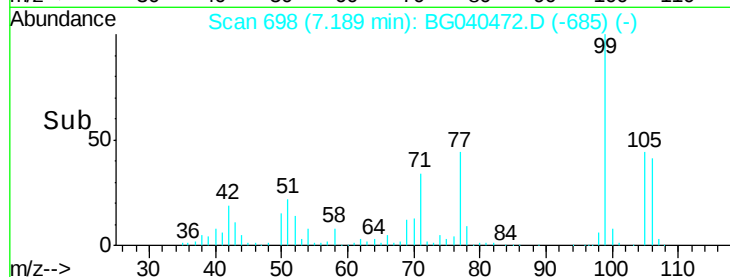
77 100

105 101.4 75.0 115.0

106 94.4 75.7 115.7



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



#10

Phenol

Concen: 39.154 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.03 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

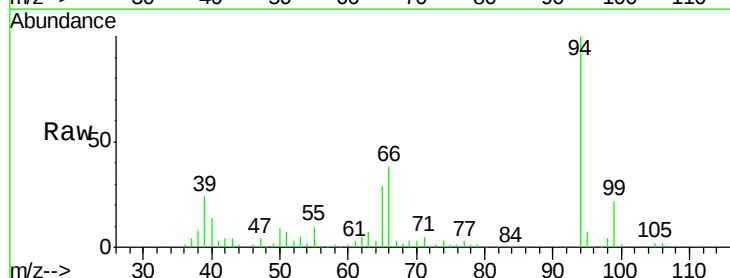
Tgt Ion: 94 Resp: 150083

Ion Ratio Lower Upper

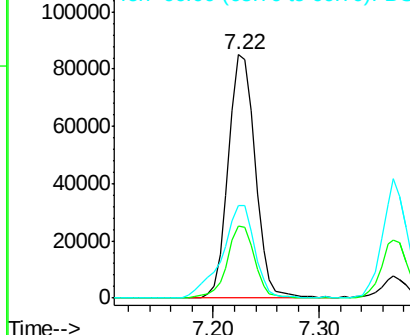
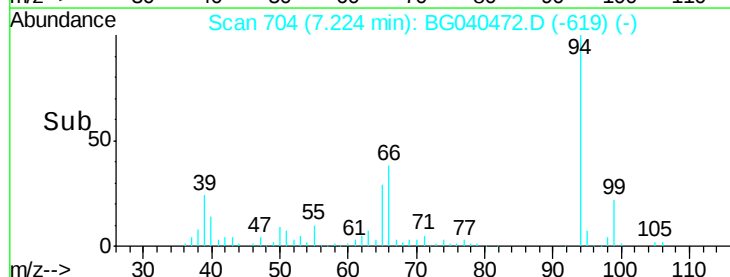
94 100

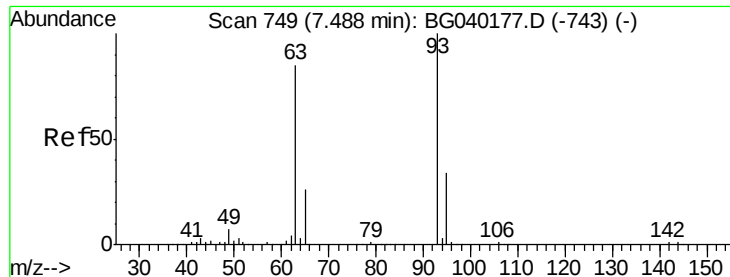
65 29.3 10.5 50.5

66 38.0 16.9 56.9



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





#11

bis(2-Chloroethyl)ether

Concen: 36.695 ng

RT: 7.46 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

Instrument :

BNA_G

ClientSampleId :

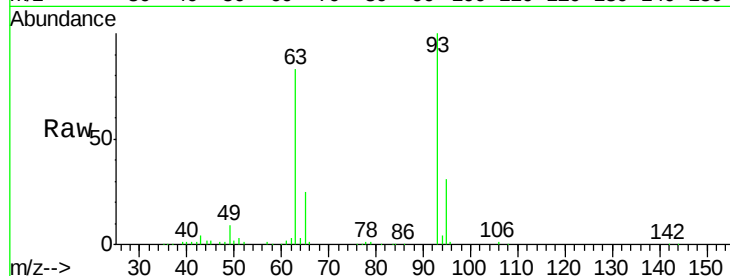
Tot Ion: 93 Resp: 112657

Ion Ratio Lower Upper

93 100

63 83.2 64.2 104.2

95 30.9 14.0 54.0

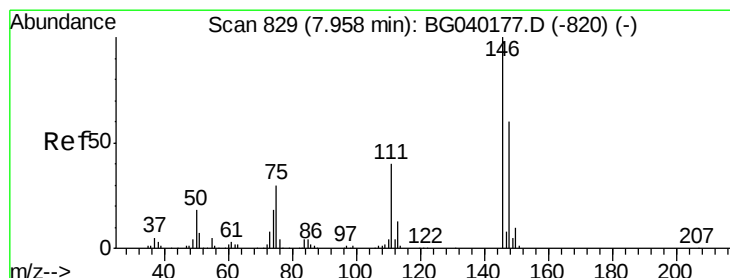
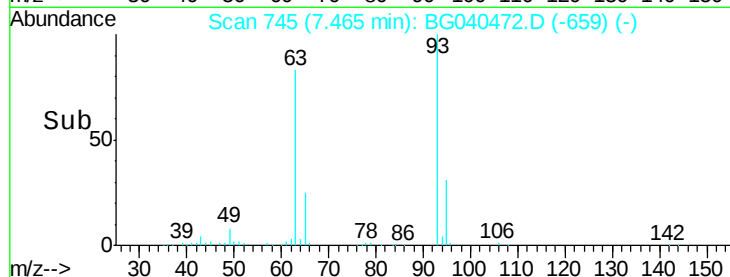
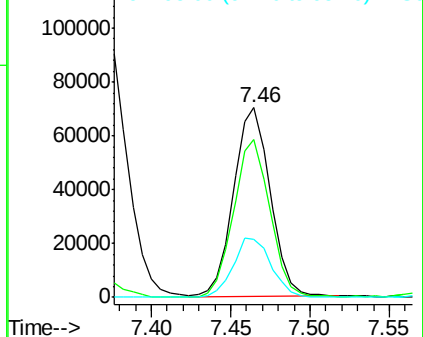


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 38.231 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

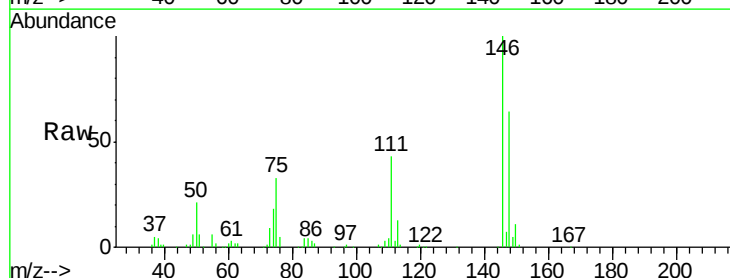
Tgt Ion: 146 Resp: 124314

Ion Ratio Lower Upper

146 100

148 64.3 48.2 72.2

75 33.3 24.1 36.1

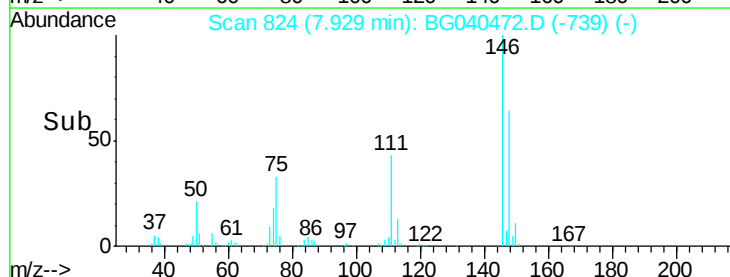
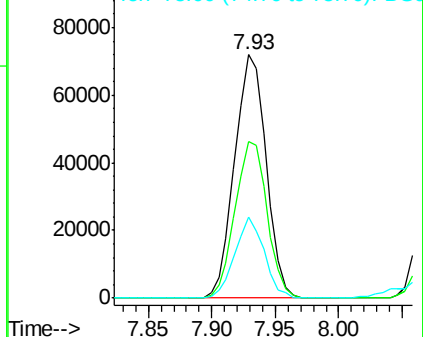


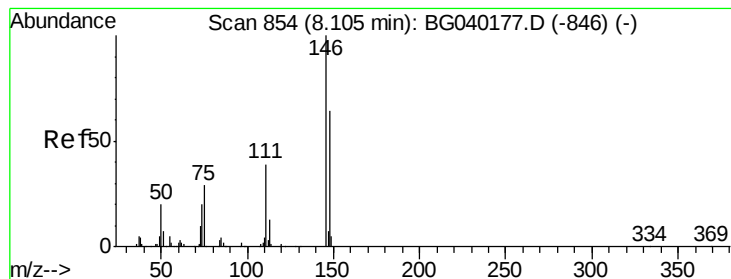
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 38.603 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.02 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

Instrument :

BNA_G

ClientSampleId :

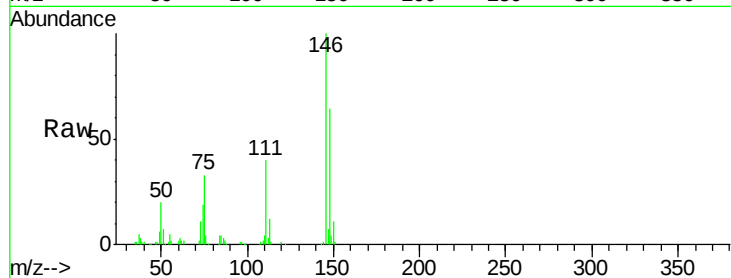
Tot Ion:146 Resp: 125021

Ion Ratio Lower Upper

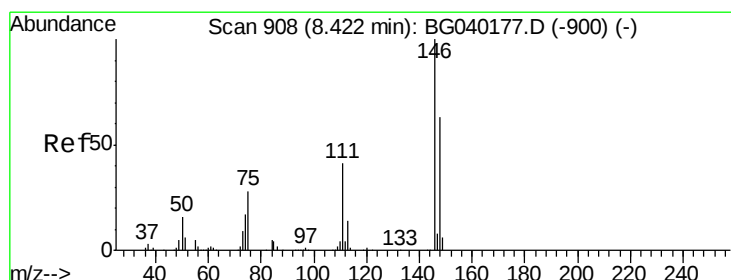
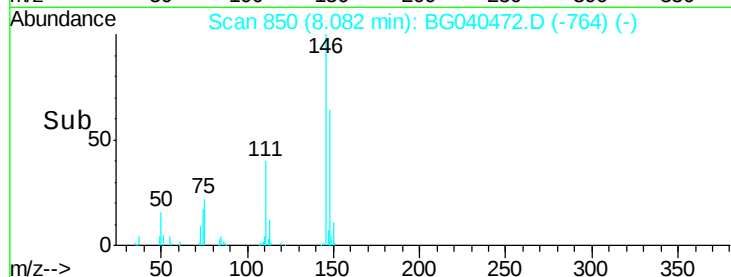
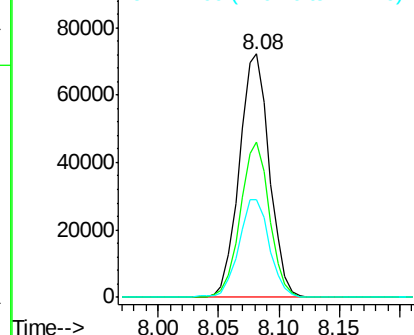
146 100

148 64.0 51.0 76.4

111 39.9 31.8 47.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.944 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

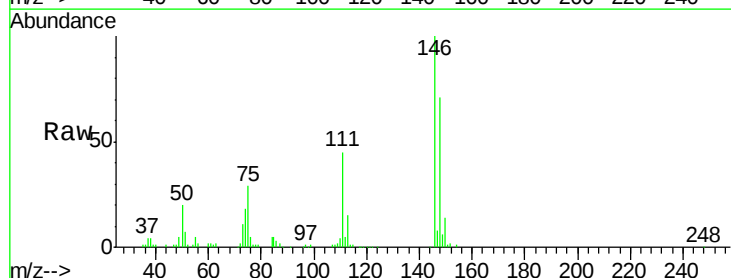
Tgt Ion:146 Resp: 117516

Ion Ratio Lower Upper

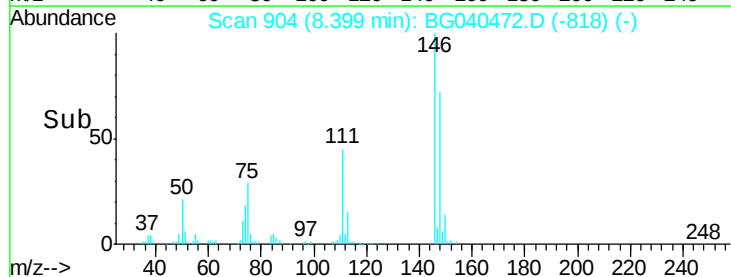
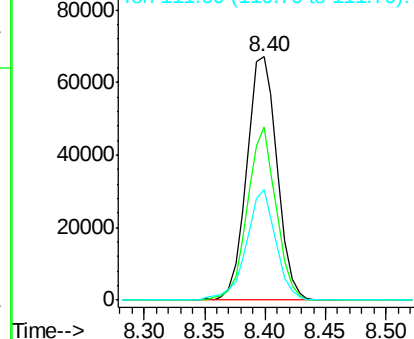
146 100

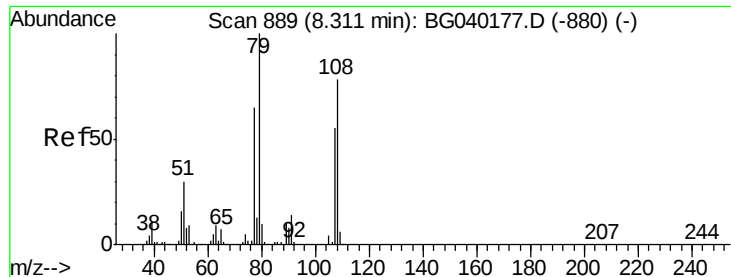
148 71.3 50.8 76.2

111 45.4 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.290 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

Instrument :

BNA_G

ClientSampleId :

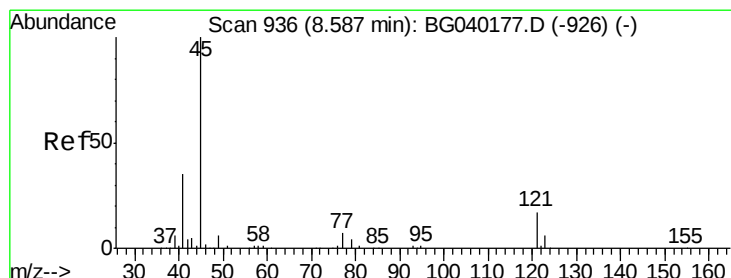
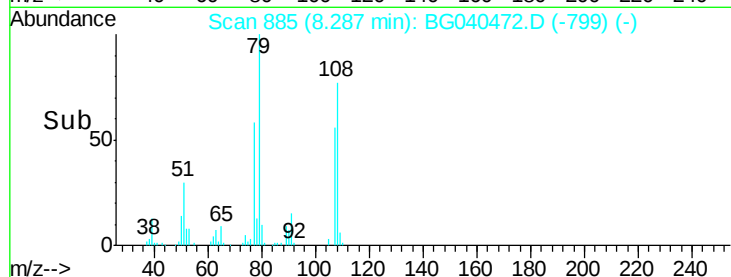
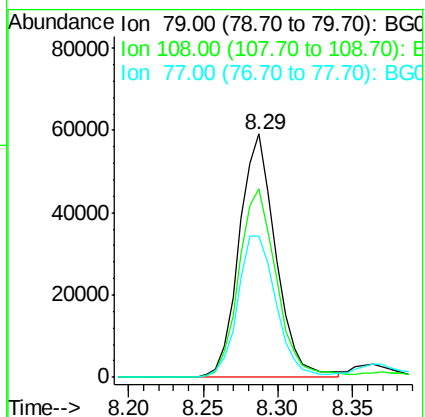
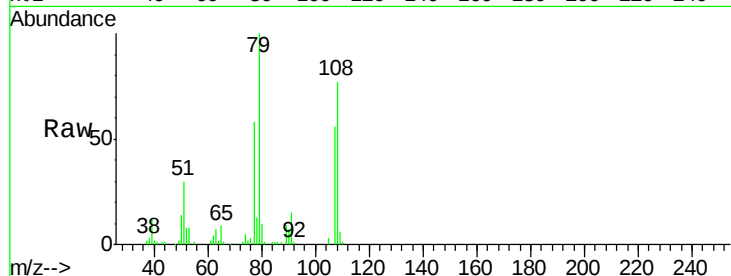
Tot Ion: 79 Resp: 100367

Ion Ratio Lower Upper

79 100

108 77.5 62.1 93.1

77 58.2 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.887 ng

RT: 8.56 min Scan# 932

Delta R.T. -0.02 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

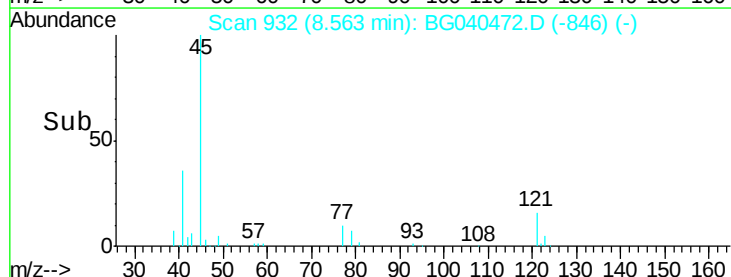
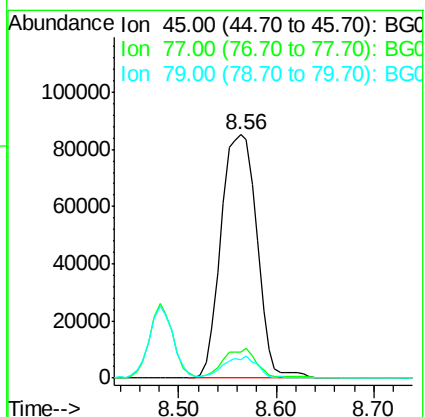
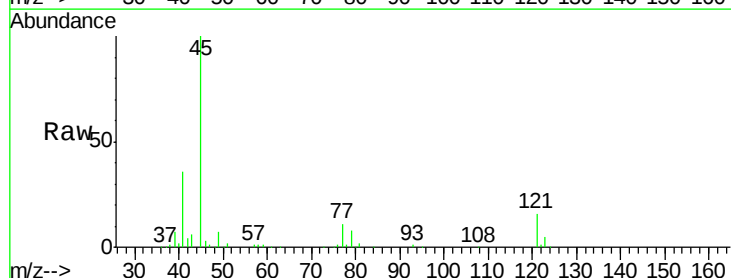
Tgt Ion: 45 Resp: 217347

Ion Ratio Lower Upper

45 100

77 10.8 0.0 31.4

79 7.7 0.0 28.3





#17

2-Methylphenol

Concen: 37.094 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.02 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 98389

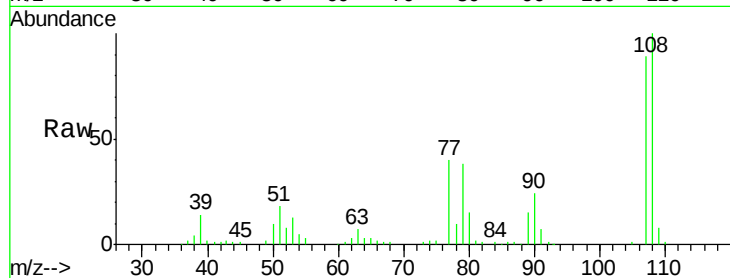
Ion Ratio Lower Upper

107 100

108 112.6 88.2 132.4

77 44.6 36.6 55.0

79 43.2 36.5 54.7

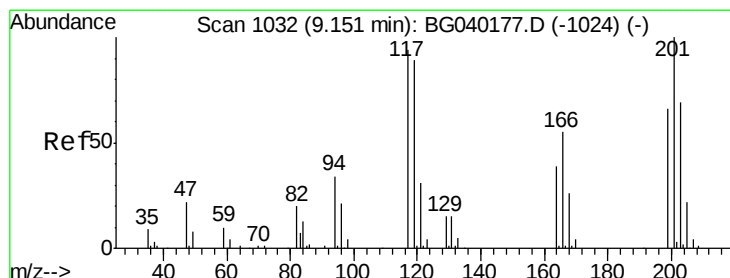
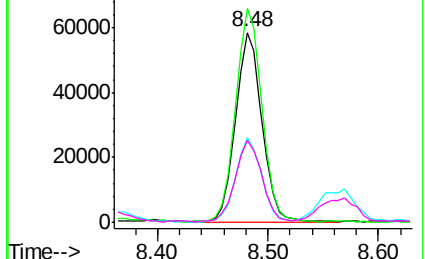
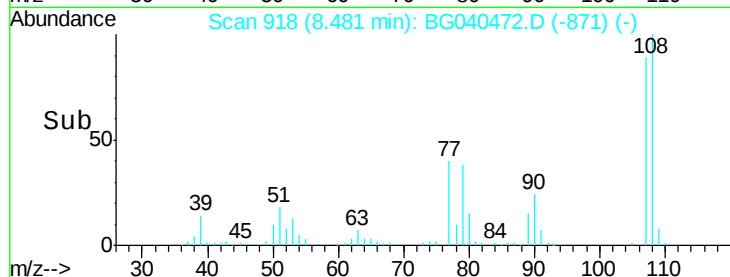


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.023 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

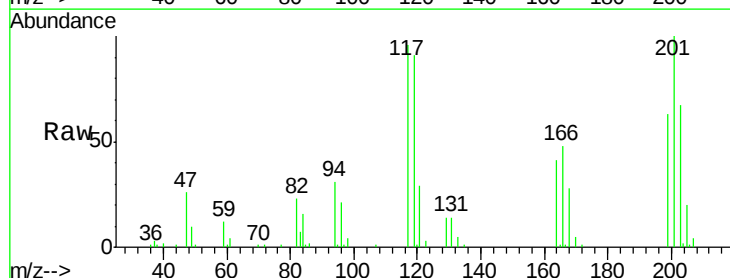
Tgt Ion:117 Resp: 45608

Ion Ratio Lower Upper

117 100

119 94.3 76.6 115.0

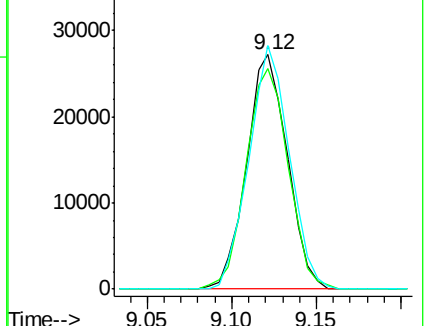
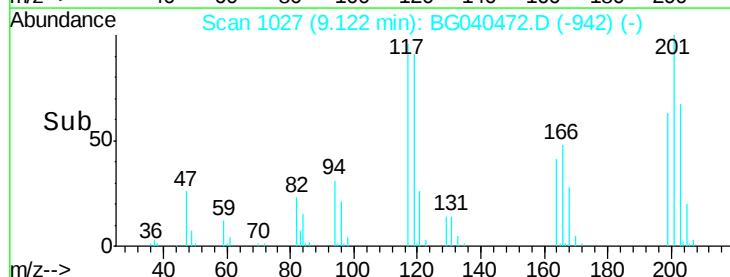
201 103.8 85.0 127.4

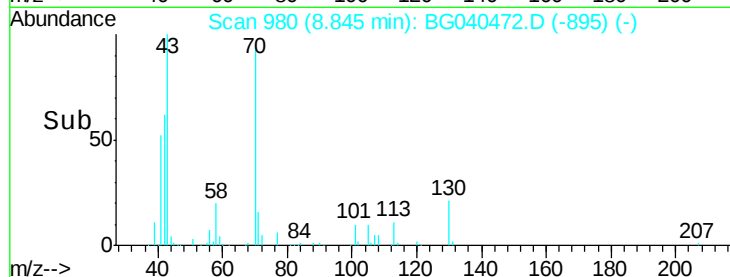
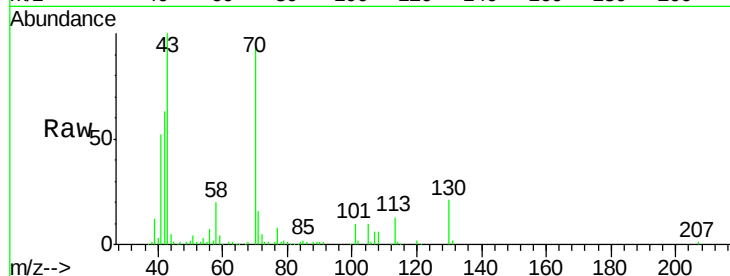
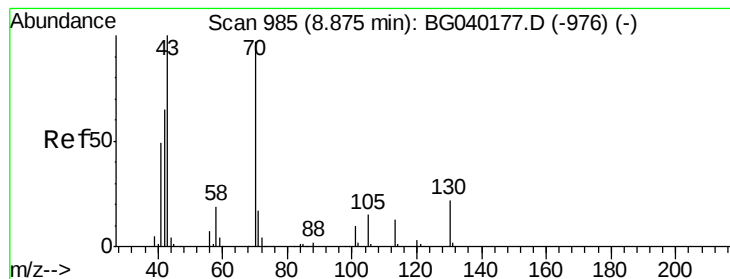


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.950 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.03 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 88494

Ion Ratio Lower Upper

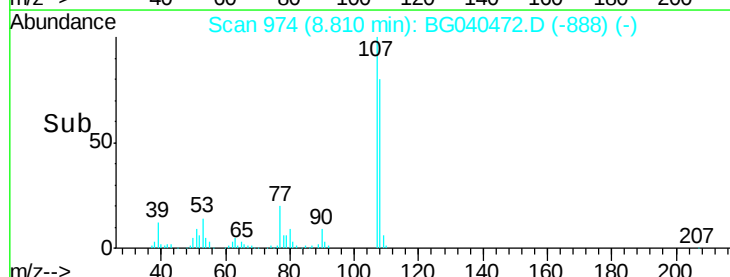
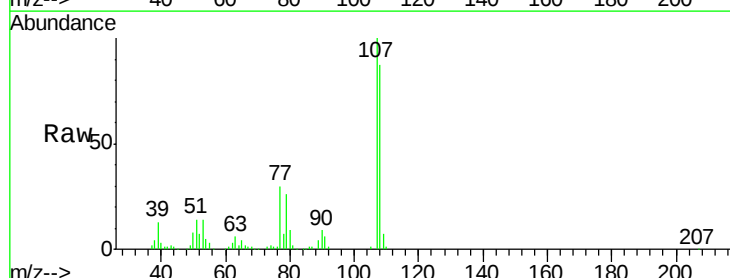
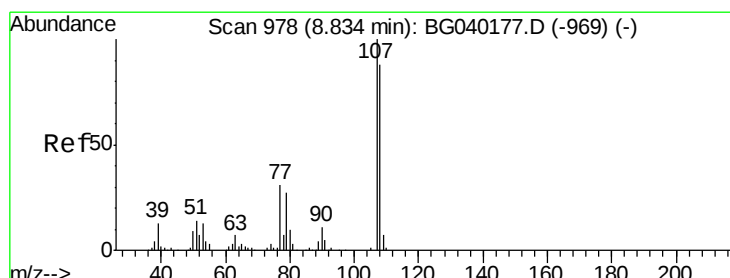
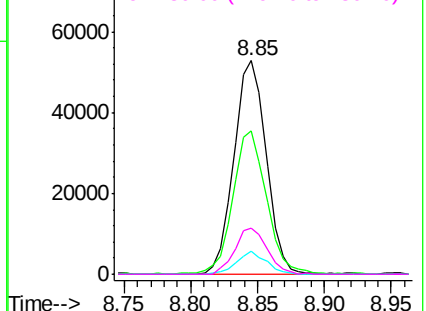
70 100

42 67.2 54.0 81.0

101 11.0 8.6 13.0

130 21.9 18.2 27.2

Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 37.382 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.02 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

Tgt Ion:107 Resp: 134323

Ion Ratio Lower Upper

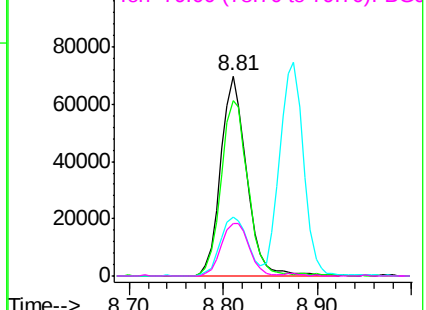
107 100

108 87.4 68.3 108.3

77 29.6 11.3 51.3

79 26.3 7.3 47.3

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

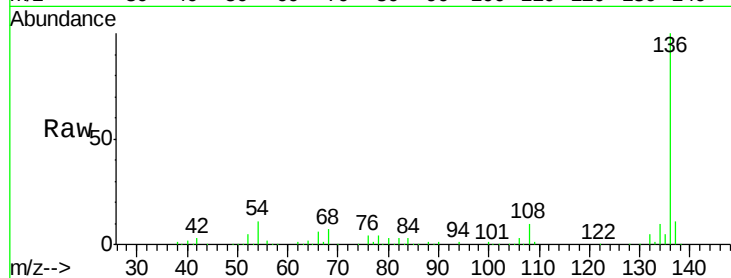




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040472.D
Acq: 12 Apr 2019 22:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	182220
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	11.3	9.6 14.4
68	6.9	5.1 7.7



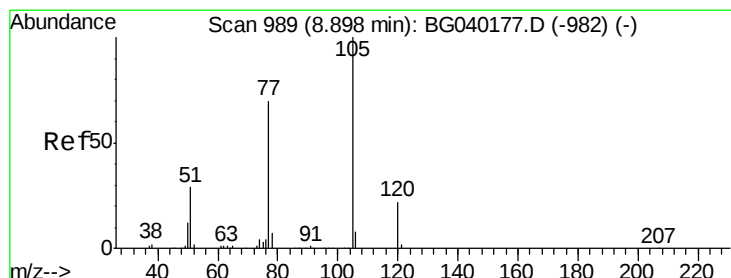
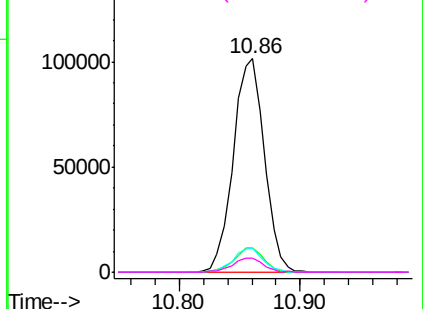
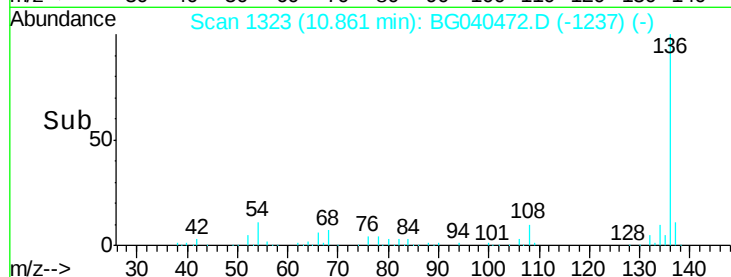
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

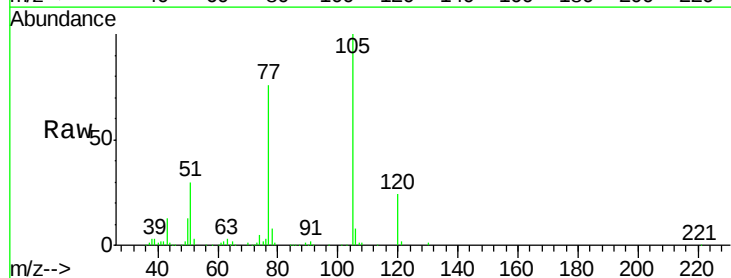
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 37.197 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040472.D
Acq: 12 Apr 2019 22:12

Tgt Ion:105	Resp:	169077
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.6 1.0#
51	29.8	25.1 37.7
120	24.4	17.6 26.4



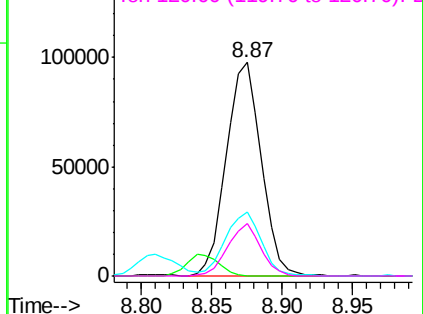
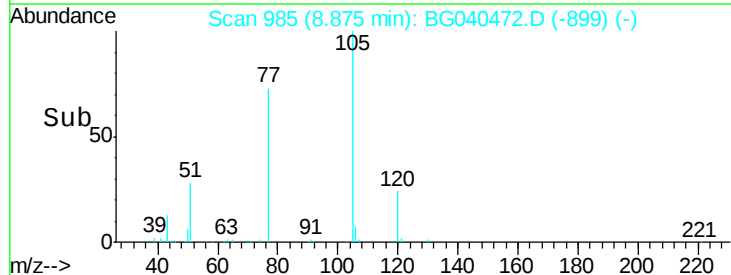
Abundance

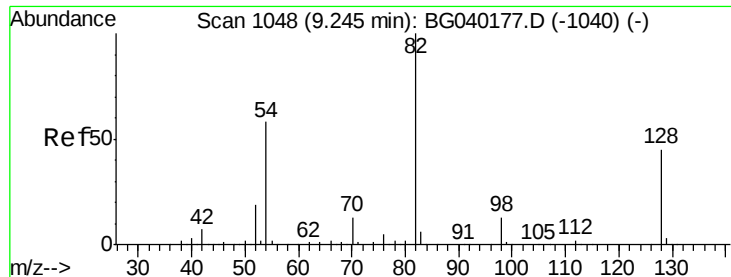
Ion 105.00 (104.70 to 105.70): E

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

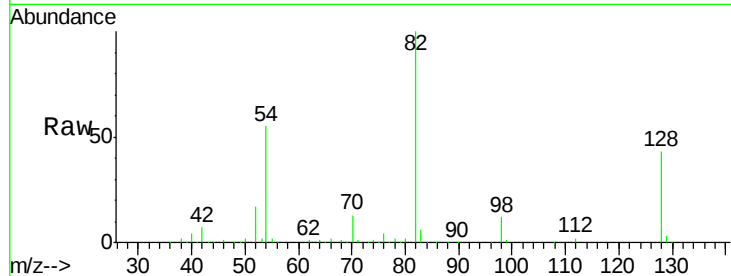




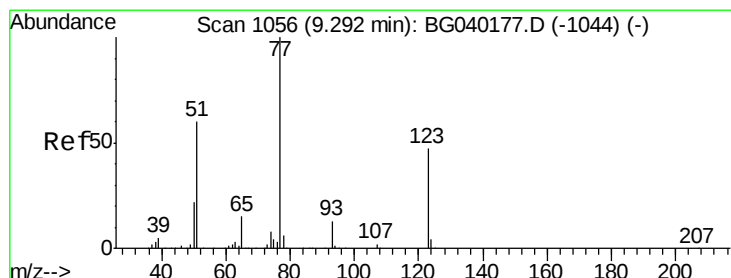
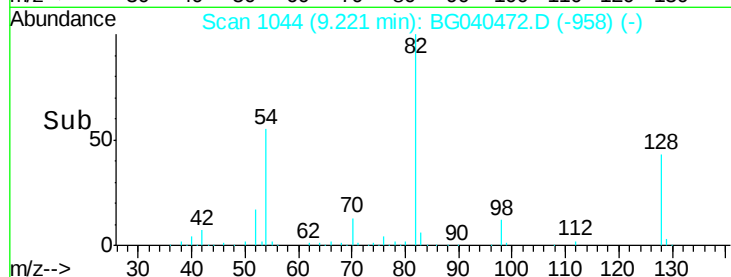
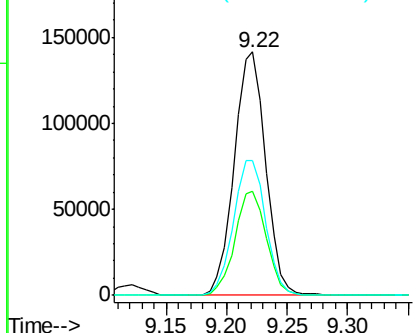
#23
Nitrobenzene-d5
Concen: 75.188 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040472.D
Acq: 12 Apr 2019 22:12

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 257759
Ion Ratio Lower Upper
82 100
128 42.9 35.8 53.8
54 55.4 46.2 69.2

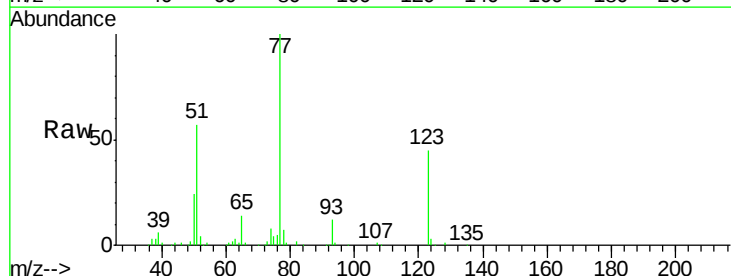


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

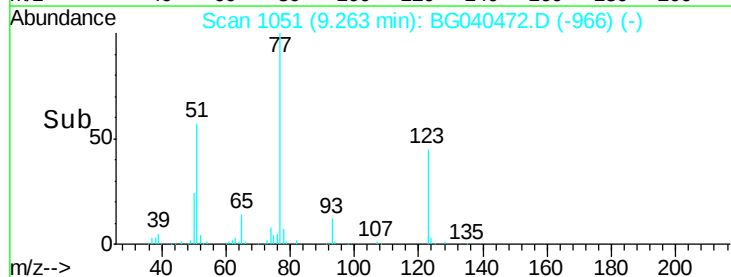
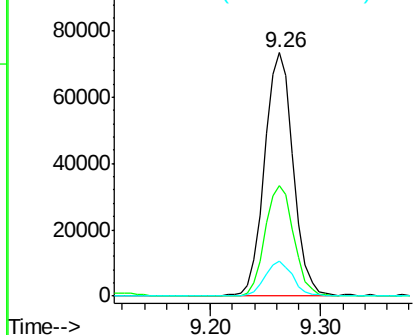


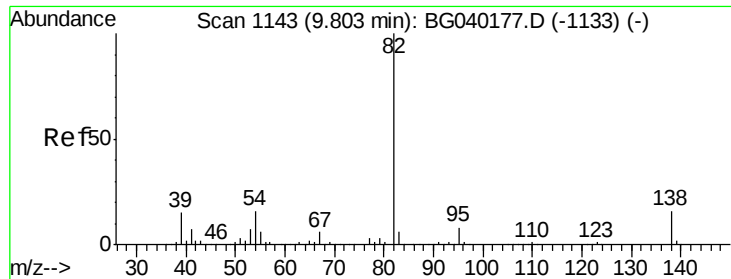
#24
Nitrobenzene
Concen: 37.573 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.03 min
Lab File: BG040472.D
Acq: 12 Apr 2019 22:12

Tgt Ion: 77 Resp: 133383
Ion Ratio Lower Upper
77 100
123 45.3 37.8 56.6
65 14.2 12.0 18.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 35.847 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

Instrument :

BNA_G

ClientSampleId :

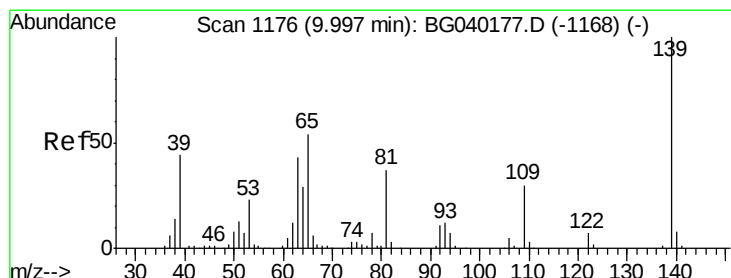
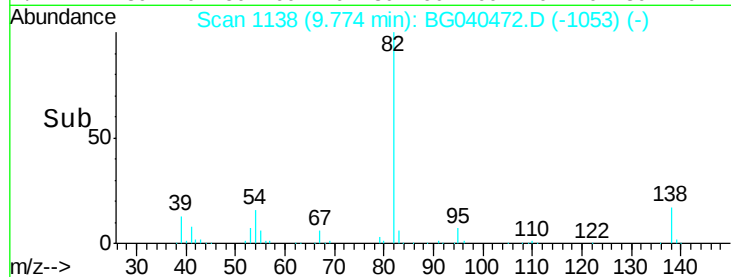
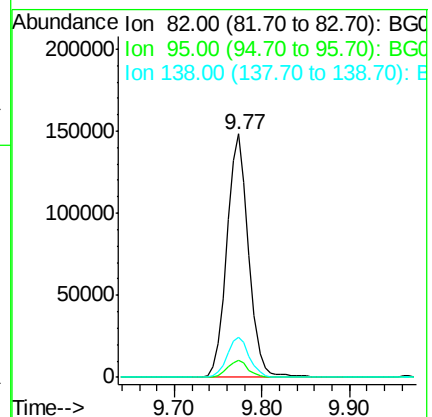
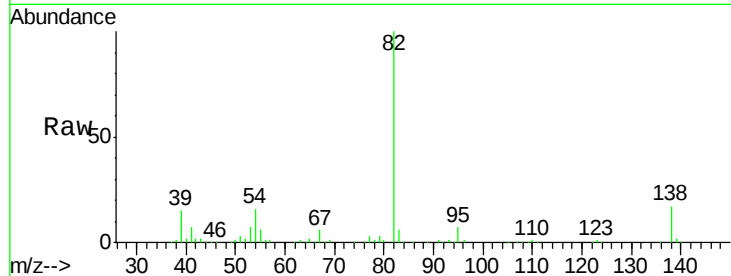
Tot Ion: 82 Resp: 252859

Ion Ratio Lower Upper

82 100

95 7.1 6.1 9.1

138 16.6 13.2 19.8



#26

2-Nitrophenol

Concen: 38.230 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

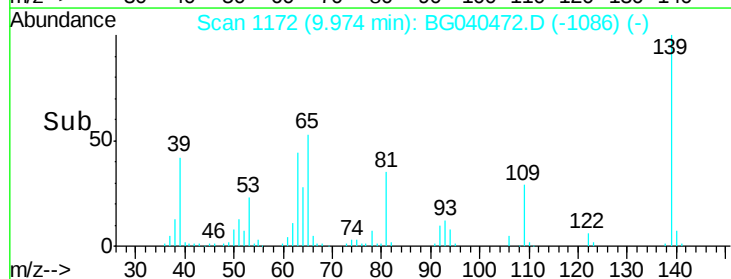
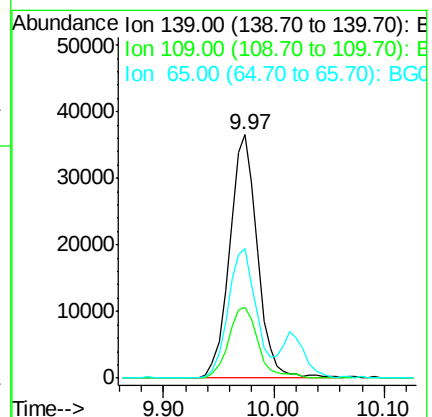
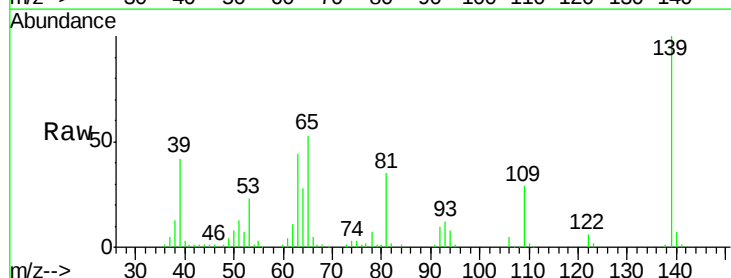
Tgt Ion: 139 Resp: 64307

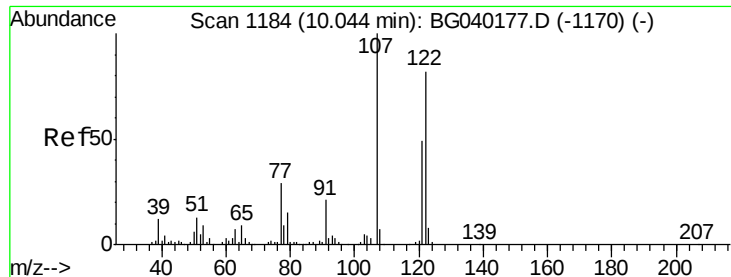
Ion Ratio Lower Upper

139 100

109 29.1 24.1 36.1

65 53.2 43.0 64.6

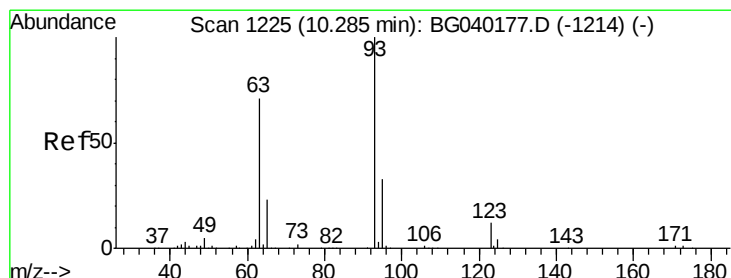
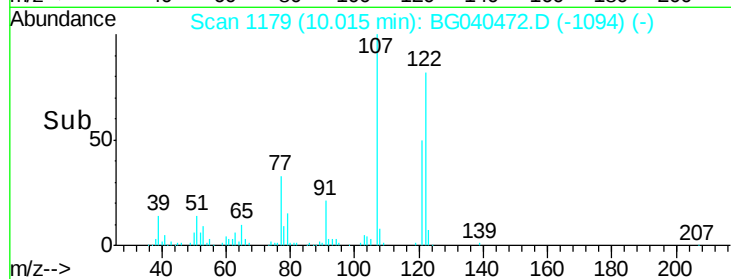
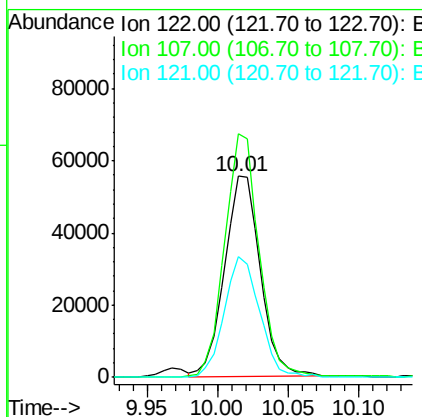
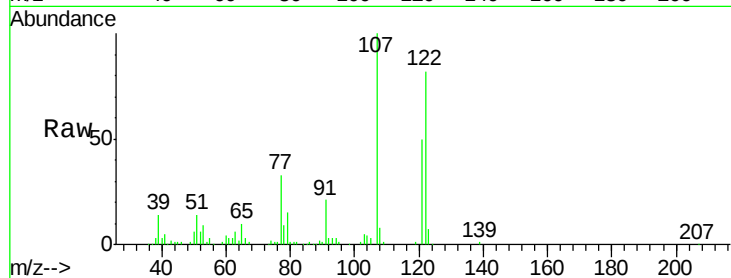




#27
 2,4-Dimethylphenol
 Concen: 36.804 ng
 RT: 10.01 min Scan# 1179
 Delta R.T. -0.03 min
 Lab File: BG040472.D
 Acq: 12 Apr 2019 22:12

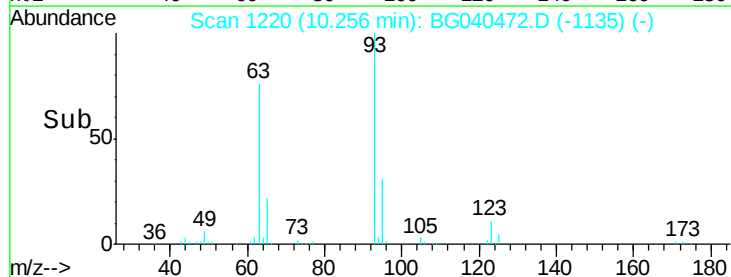
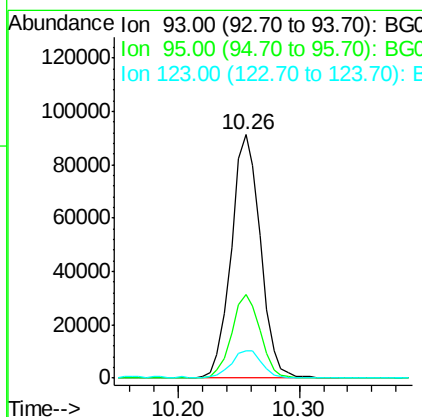
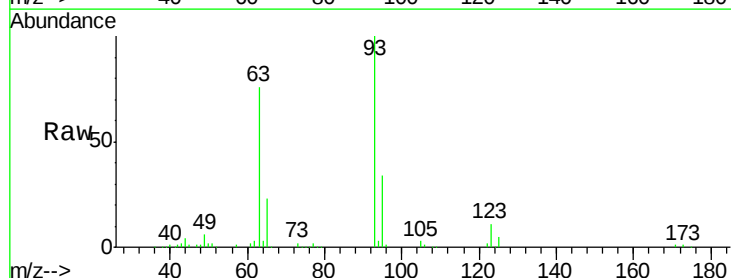
Instrument :
 BNA_G
 ClientSampled :

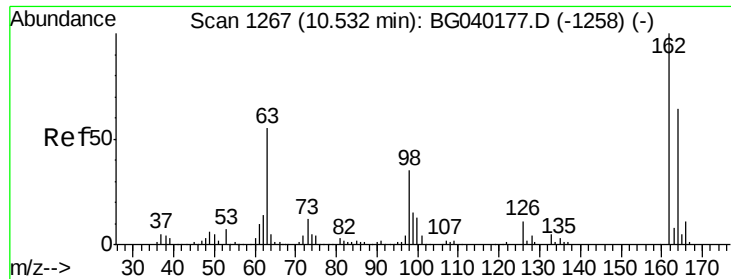
Tot Ion:122 Resp: 98337
 Ion Ratio Lower Upper
 122 100
 107 121.3 97.4 146.2
 121 60.1 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.752 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040472.D
 Acq: 12 Apr 2019 22:12

Tgt Ion: 93 Resp: 153374
 Ion Ratio Lower Upper
 93 100
 95 34.4 26.2 39.4
 123 11.3 9.4 14.0

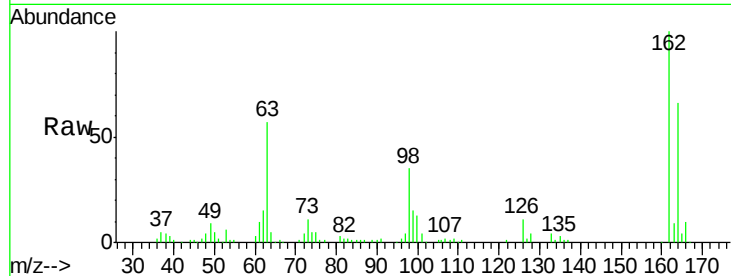




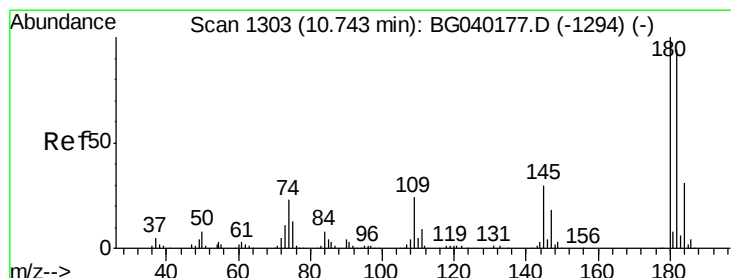
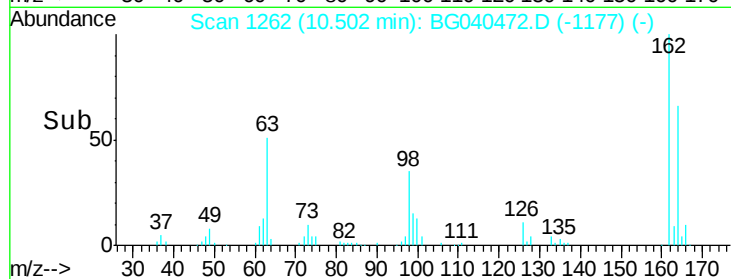
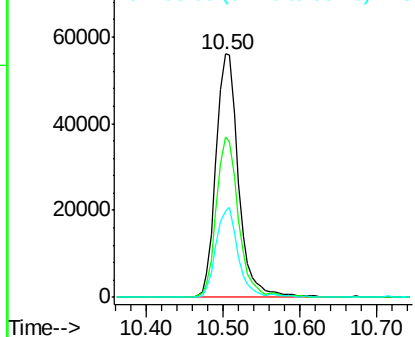
#29
 2,4-Dichlorophenol
 Concen: 39.146 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040472.D
 Acq: 12 Apr 2019 22:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	43.9	83.9
98	35.4	15.6	55.6

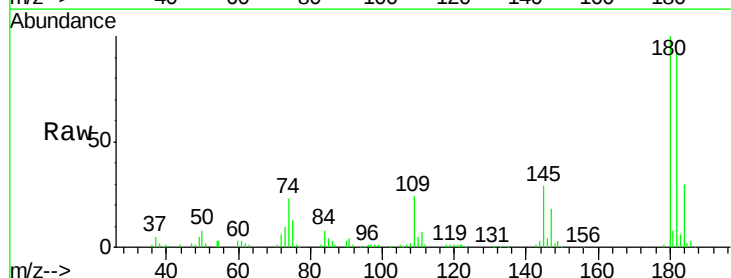


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

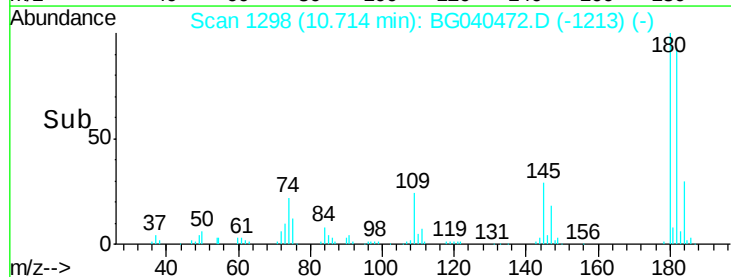
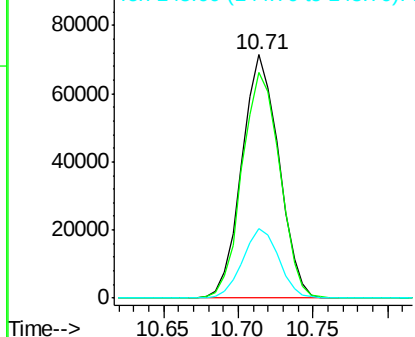


#30
 1,2,4-Trichlorobenzene
 Concen: 38.503 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BG040472.D
 Acq: 12 Apr 2019 22:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	75.1	112.7
145	28.5	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

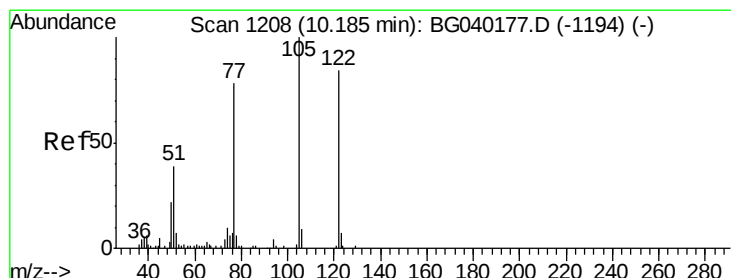
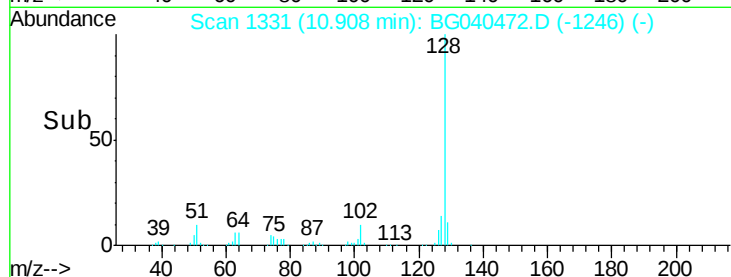
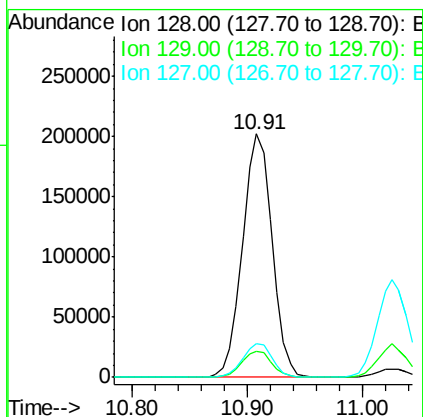
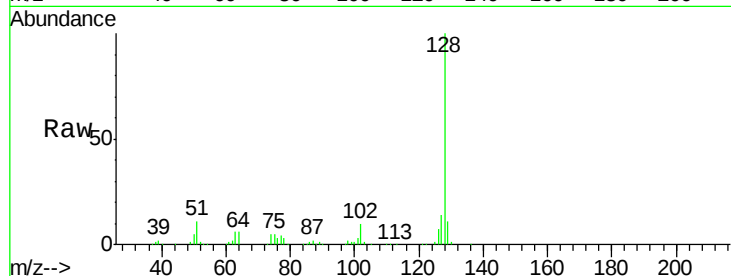




#31
Naphthalene
Concen: 38.583 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040472.D
Acq: 12 Apr 2019 22:12

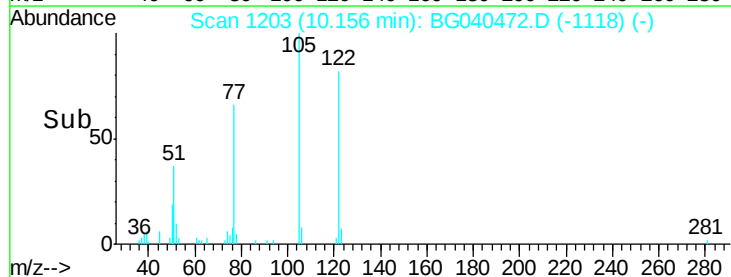
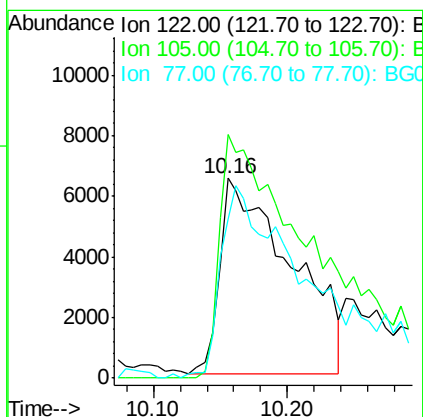
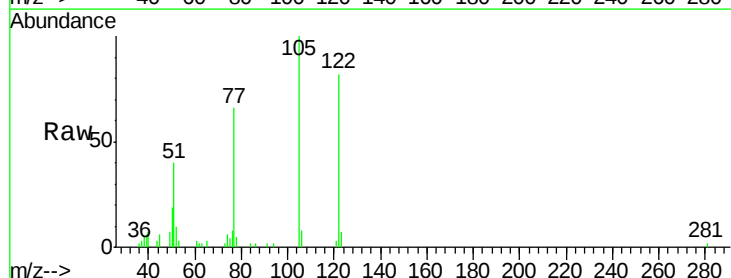
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 360366
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 14.0 11.4 17.0



#32
Benzoic acid
Concen: 14.775 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.03 min
Lab File: BG040472.D
Acq: 12 Apr 2019 22:12

Tgt Ion:122 Resp: 23853
Ion Ratio Lower Upper
122 100
105 121.8 98.2 138.2
77 79.8 73.6 113.6

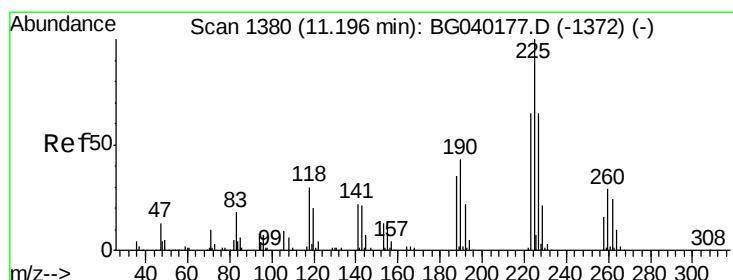
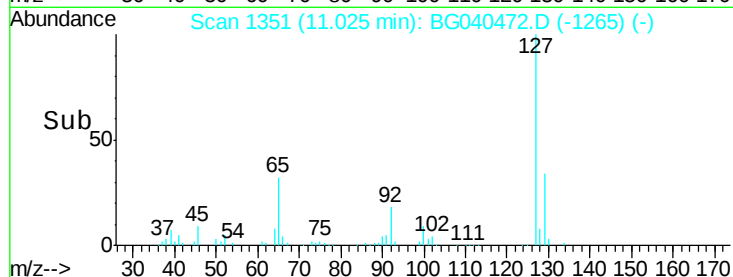
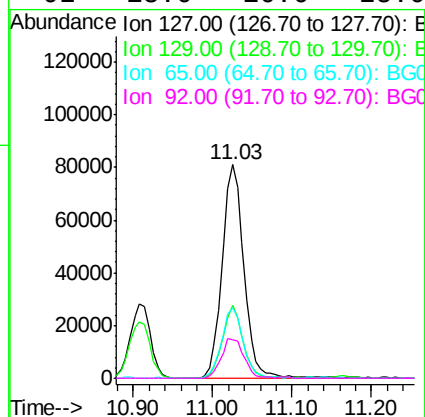
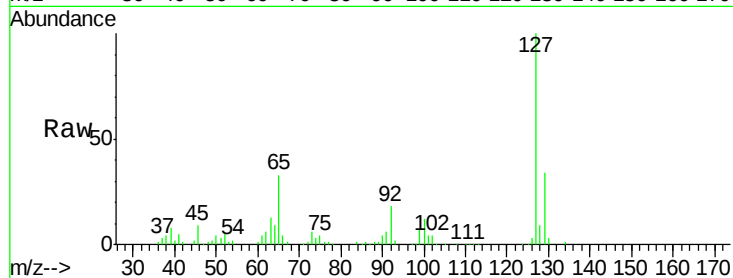




#33
4-Chloroaniline
Concen: 38.655 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040472.D
Acq: 12 Apr 2019 22:12

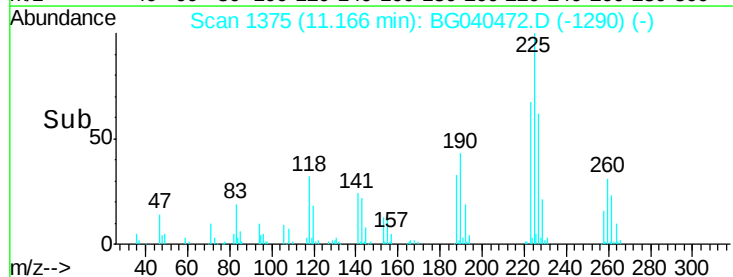
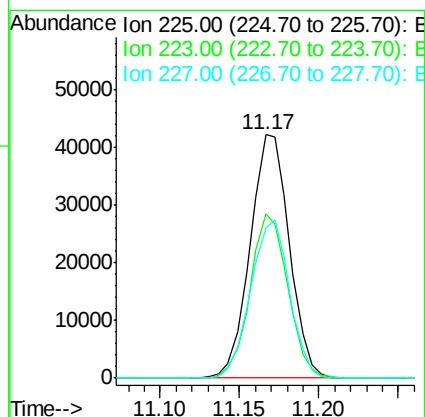
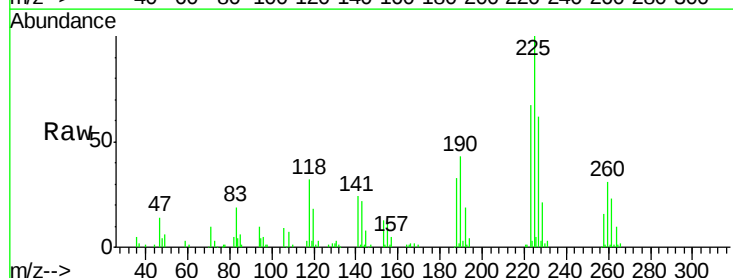
Instrument :
BNA_G
ClientSampleId :

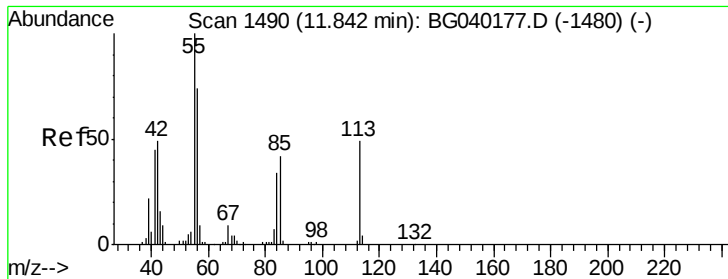
Tot Ion:	127	Resp:	154003
Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.6	40.0
65	32.7	27.0	40.4
92	18.0	16.6	25.0



#34
Hexachlorobutadiene
Concen: 35.534 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BG040472.D
Acq: 12 Apr 2019 22:12

Tgt Ion:	225	Resp:	72371
Ion	Ratio	Lower	Upper
225	100		
223	70.7	51.8	77.8
227	61.7	54.9	82.3





#35

Caprolactam

Concen: 39.916 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.04 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

Instrument :

BNA_G

ClientSampleId :

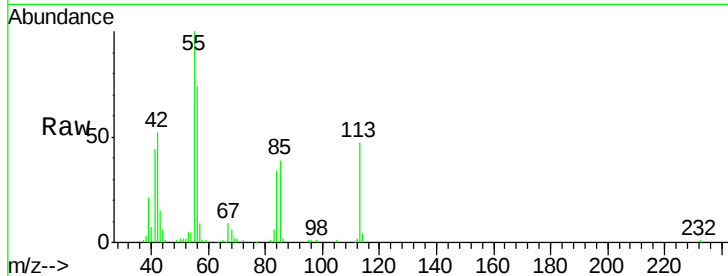
Tot Ion:113 Resp: 45940

Ion Ratio Lower Upper

113 100

55 211.2 184.2 224.2

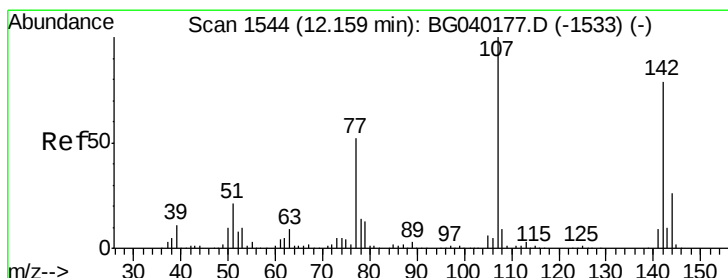
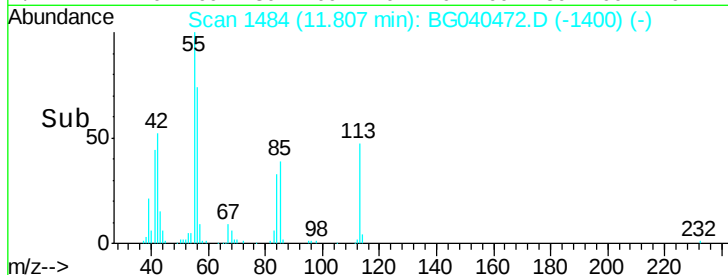
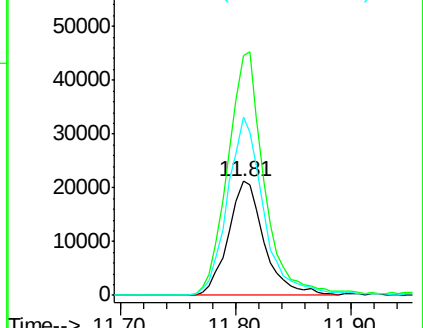
56 156.6 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.997 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

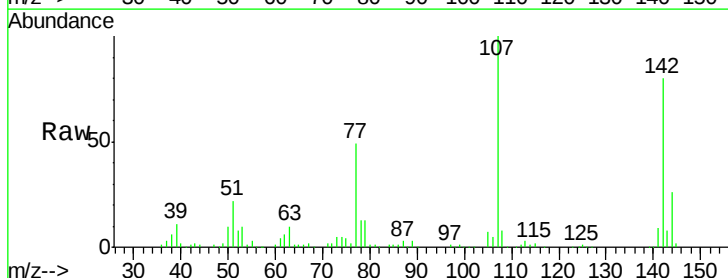
Tgt Ion:107 Resp: 136692

Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

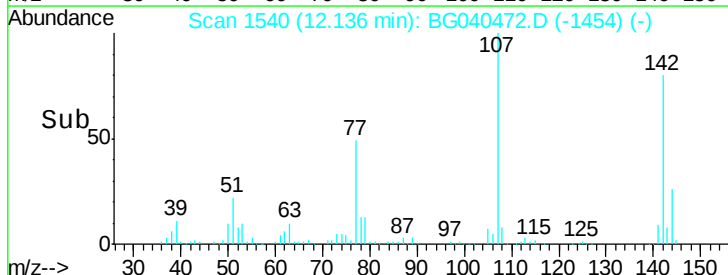
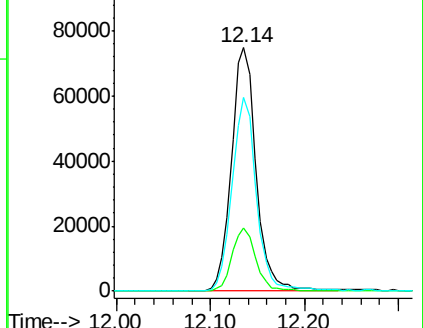
142 79.6 63.1 94.7

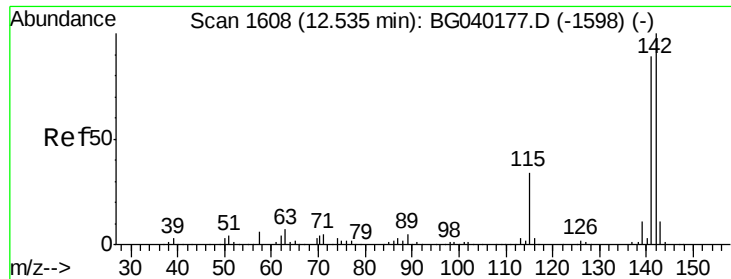


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

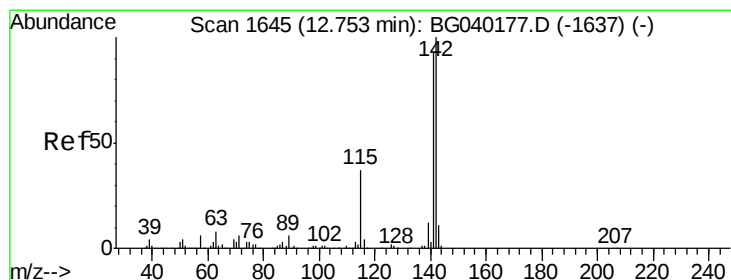
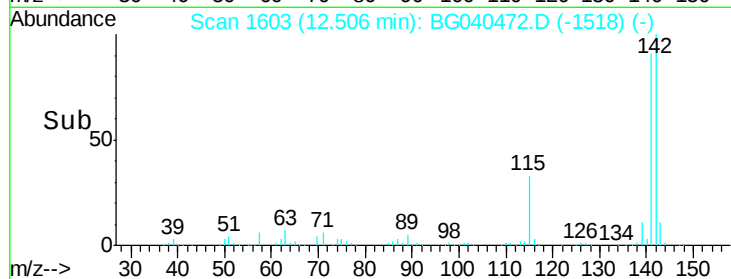
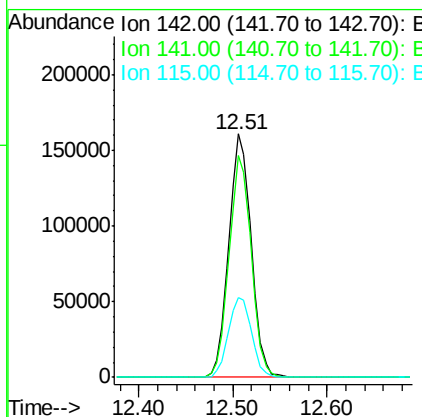
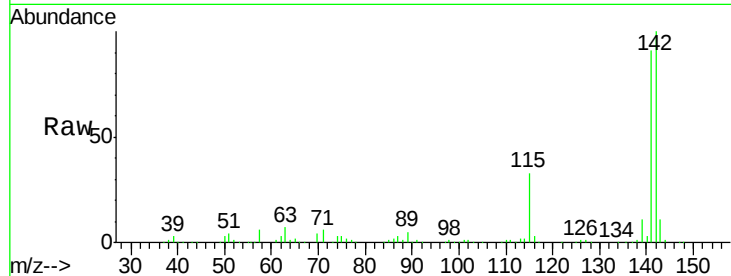




#37
2-Methylnaphthalene
Concen: 38.561 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.03 min
Lab File: BG040472.D
Acq: 12 Apr 2019 22:12

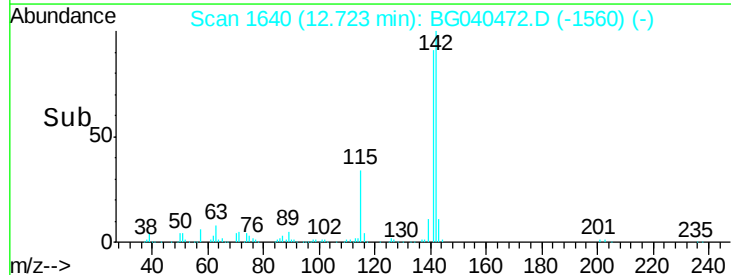
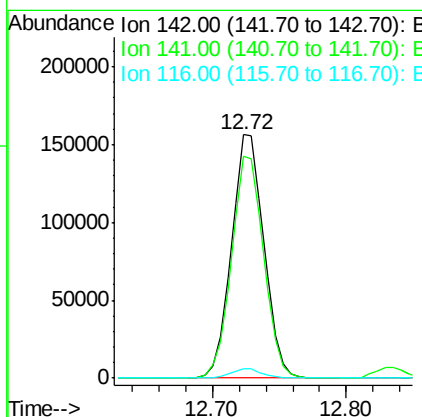
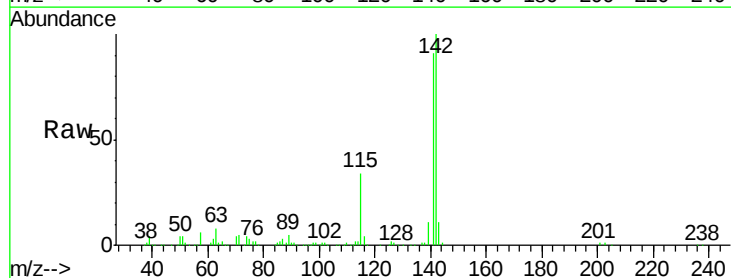
Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 266375
Ion Ratio Lower Upper
142 100
141 90.9 71.0 106.6
115 32.9 27.3 40.9



#38
1-Methylnaphthalene
Concen: 39.469 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.03 min
Lab File: BG040472.D
Acq: 12 Apr 2019 22:12

Tgt Ion:142 Resp: 264380
Ion Ratio Lower Upper
142 100
141 91.2 74.2 111.4
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

Instrument :

BNA_G

ClientSampleId :

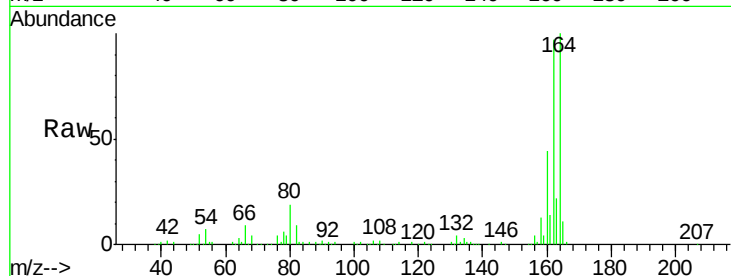
Tot Ion:164 Resp: 119997

Ion Ratio Lower Upper

164 100

162 96.7 77.4 116.2

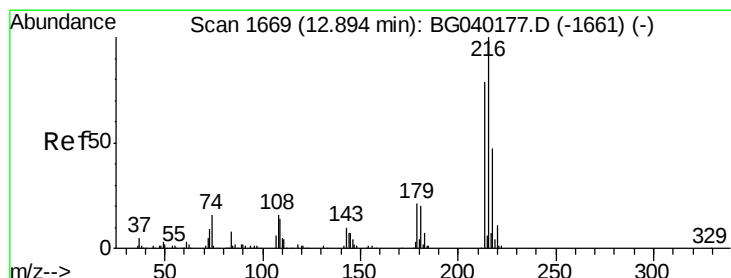
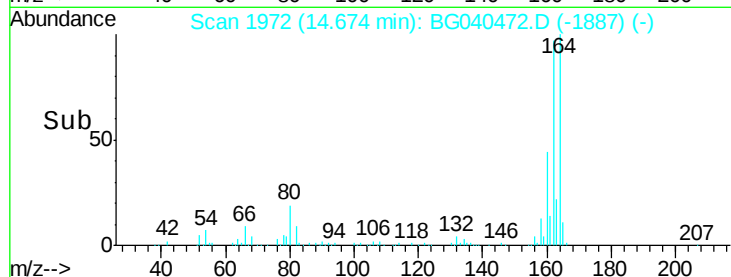
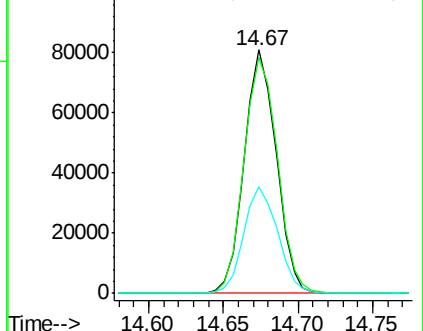
160 43.9 35.3 52.9



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: 36.527 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

Tgt Ion:216 Resp: 139313

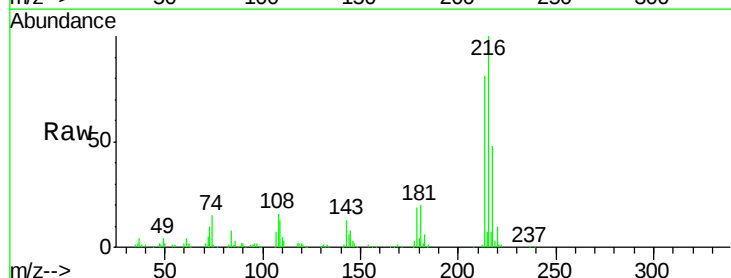
Ion Ratio Lower Upper

216 100

214 78.4 63.5 95.3

179 20.4 16.6 25.0

108 18.4 13.8 20.8

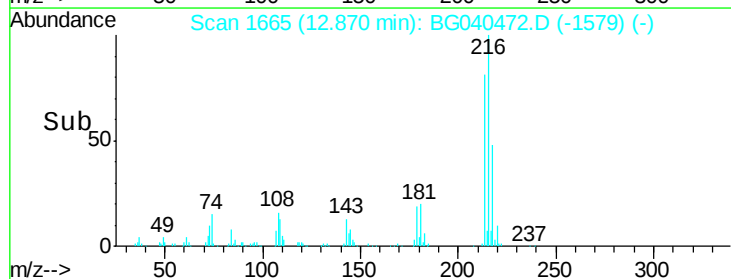
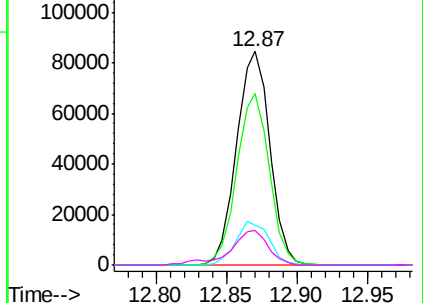


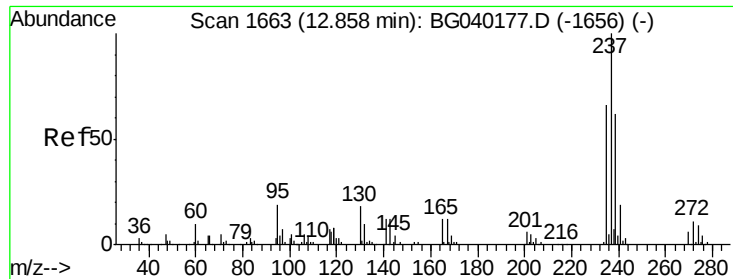
Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.635 ng

RT: 12.83 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

Instrument :

BNA_G

ClientSampleId :

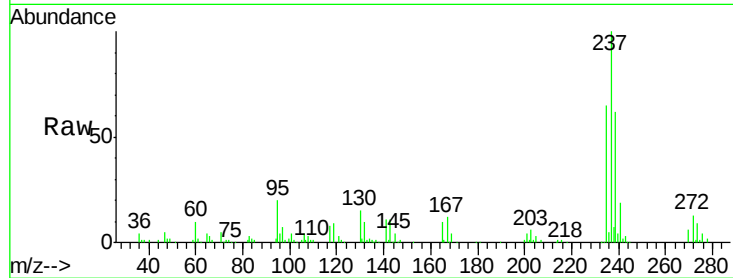
Tot Ion:237 Resp: 91376

Ion Ratio Lower Upper

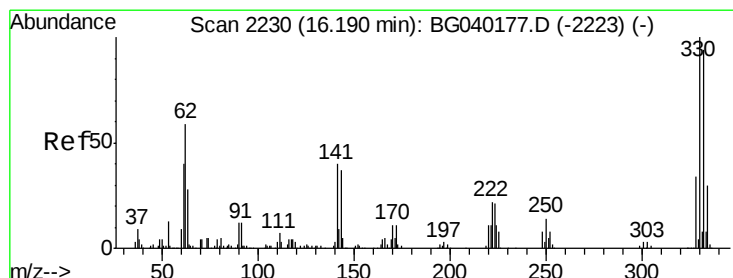
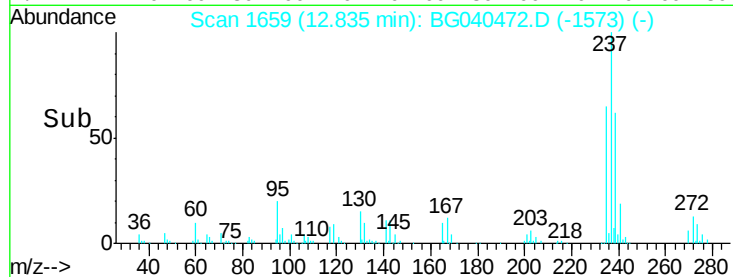
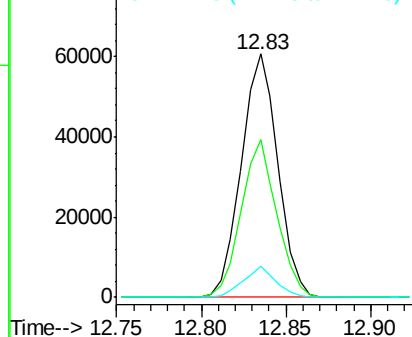
237 100

235 64.7 46.2 86.2

272 12.8 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: 87.464 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

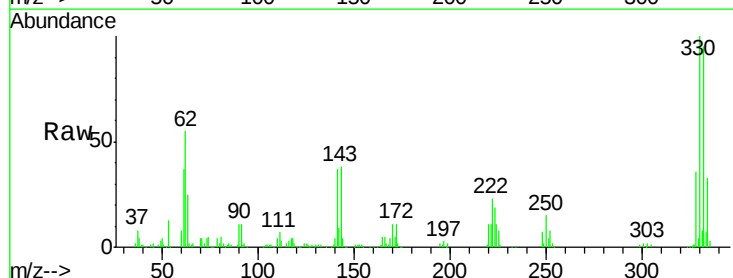
Tgt Ion:330 Resp: 113428

Ion Ratio Lower Upper

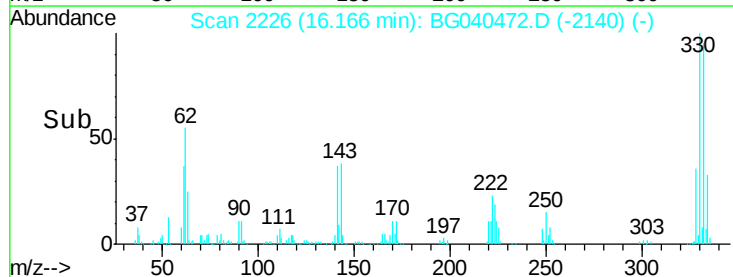
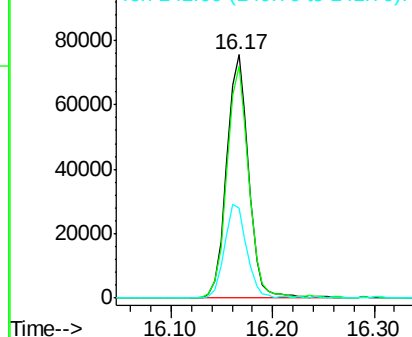
330 100

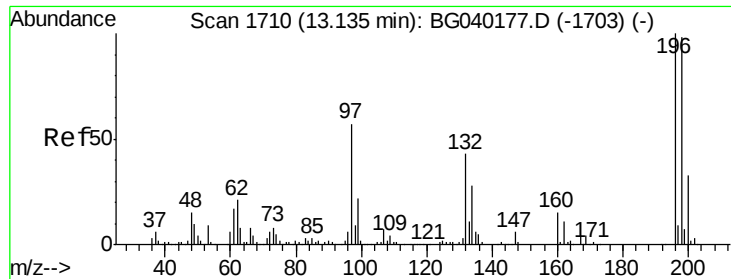
332 95.4 76.6 115.0

141 38.6 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

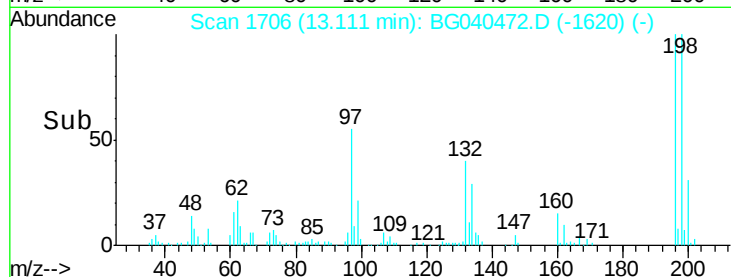
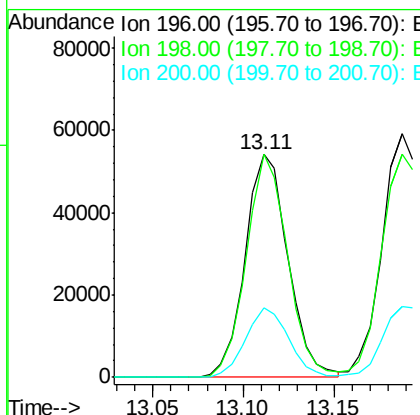
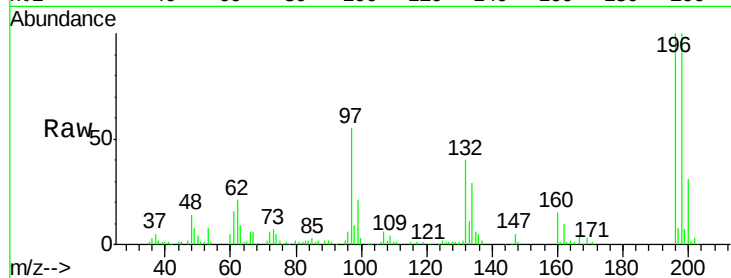




#43
 2,4,6-Trichlorophenol
 Concen: 36.251 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040472.D
 Acq: 12 Apr 2019 22:12

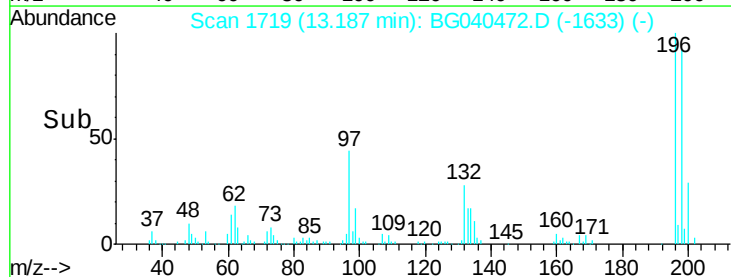
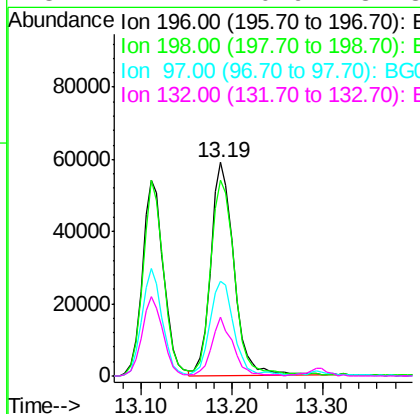
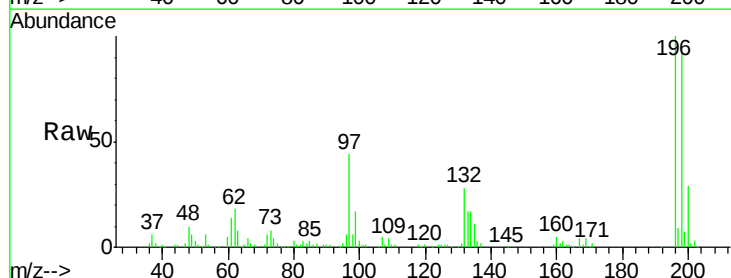
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 89140
 Ion Ratio Lower Upper
 196 100
 198 100.1 78.3 117.5
 200 31.4 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 38.799 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040472.D
 Acq: 12 Apr 2019 22:12

Tgt Ion:196 Resp: 103989
 Ion Ratio Lower Upper
 196 100
 198 91.8 75.0 112.6
 97 44.5 37.3 55.9
 132 27.7 20.9 31.3

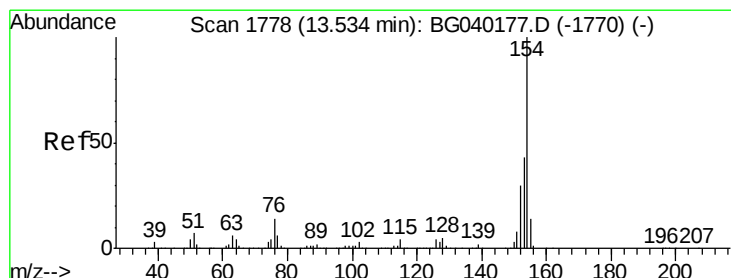
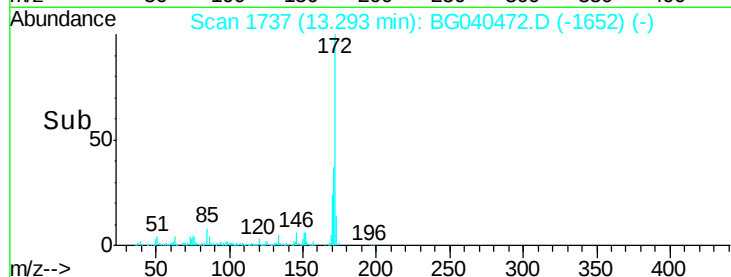
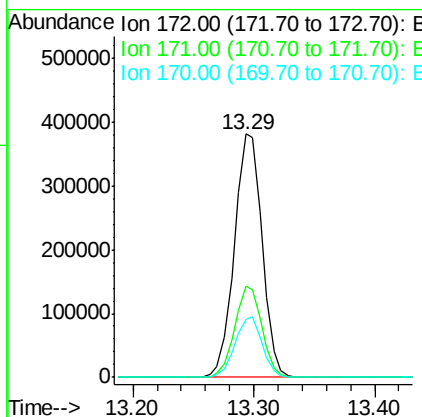
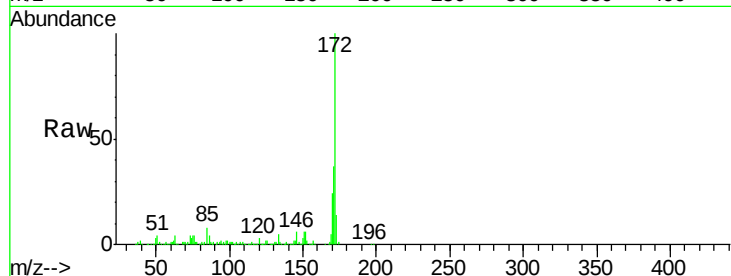




#45
2-Fluorobiphenyl
Concen: 75.350 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040472.D
Acq: 12 Apr 2019 22:12

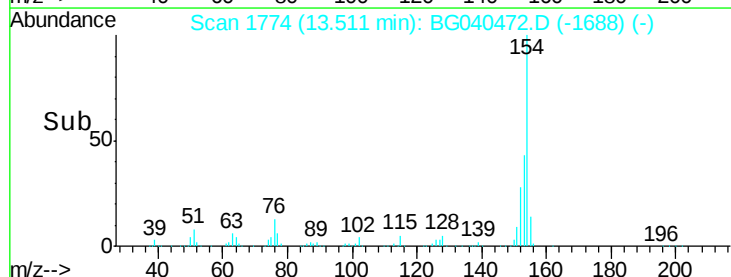
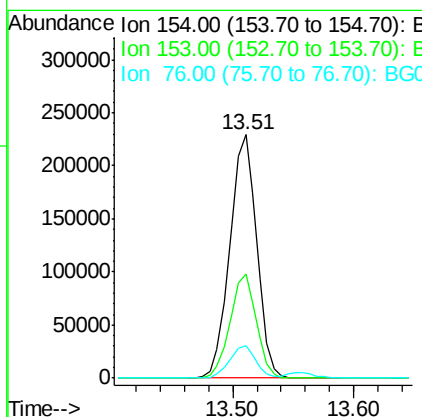
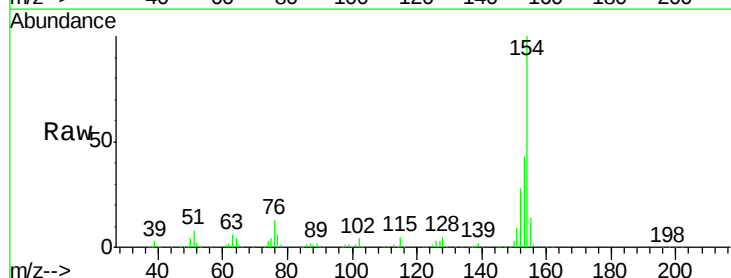
Instrument :
BNA_G
ClientSampleId :

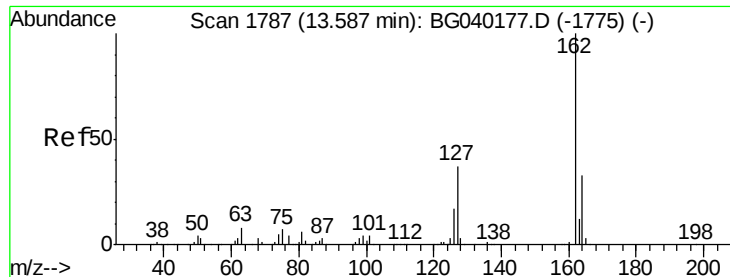
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	23.9	20.1	30.1



#46
1,1'-Biphenyl
Concen: 37.402 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040472.D
Acq: 12 Apr 2019 22:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	22.5	62.5
76	13.1	0.0	33.7

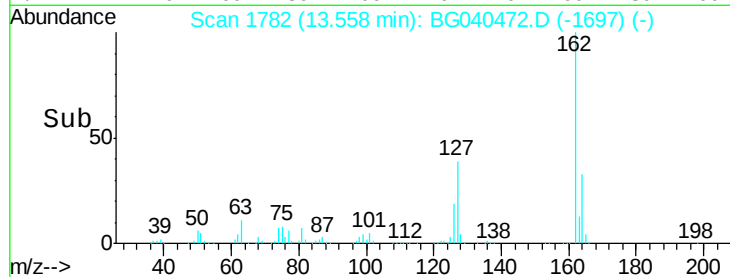
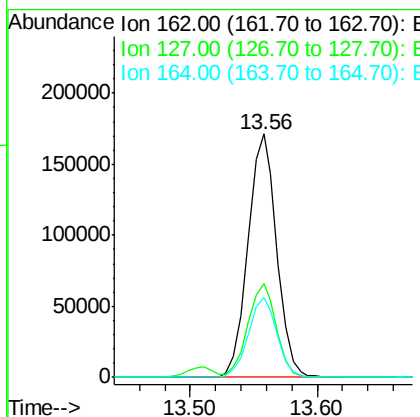
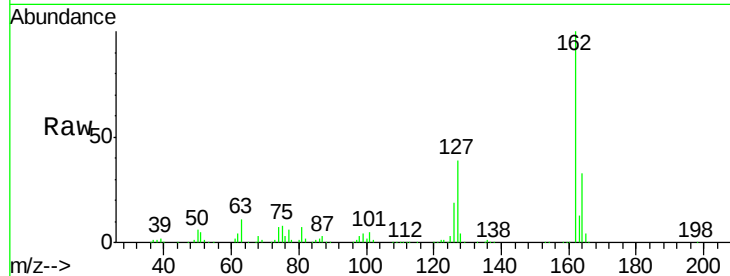




#47
 2-Chloronaphthalene
 Concen: 36.957 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG040472.D
 Acq: 12 Apr 2019 22:12

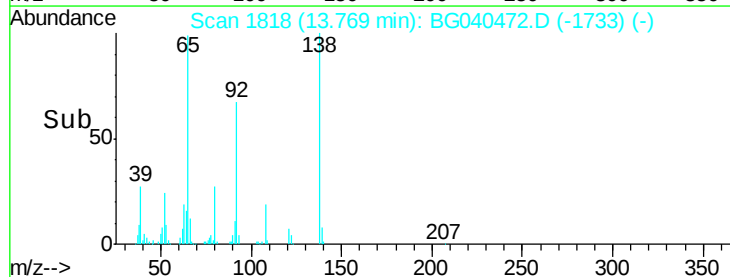
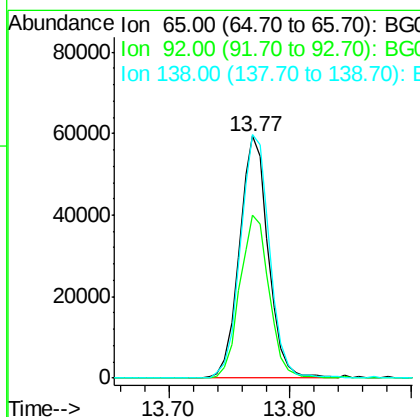
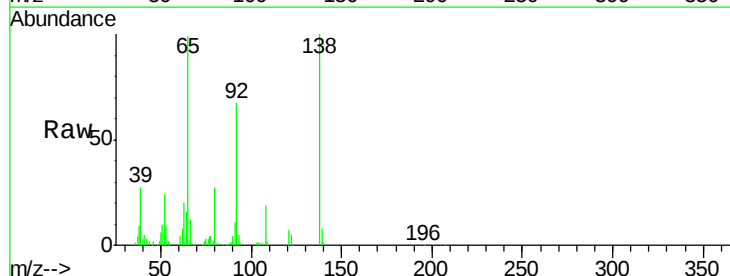
Instrument :
 BNA_G
 ClientSampleId :

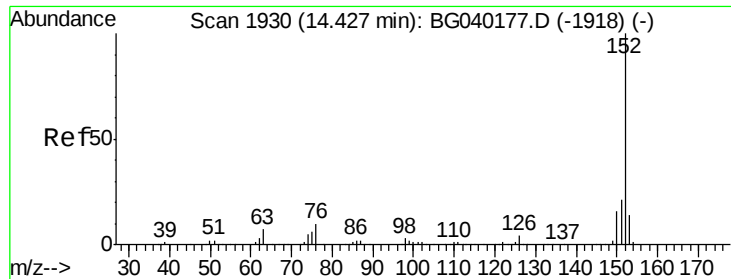
Tot Ion:162 Resp: 268783
 Ion Ratio Lower Upper
 162 100
 127 38.6 30.6 45.8
 164 32.9 26.2 39.4



#48
 2-Nitroaniline
 Concen: 40.269 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.03 min
 Lab File: BG040472.D
 Acq: 12 Apr 2019 22:12

Tgt Ion: 65 Resp: 98786
 Ion Ratio Lower Upper
 65 100
 92 67.3 53.8 80.6
 138 100.6 86.3 129.5





#49

Acenaphthylene

Concen: 39.223 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

Instrument :

BNA_G

ClientSampleId :

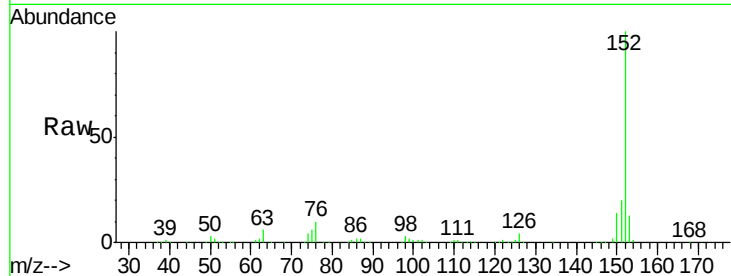
Tot Ion:152 Resp: 483651

Ion Ratio Lower Upper

152 100

151 20.3 17.0 25.6

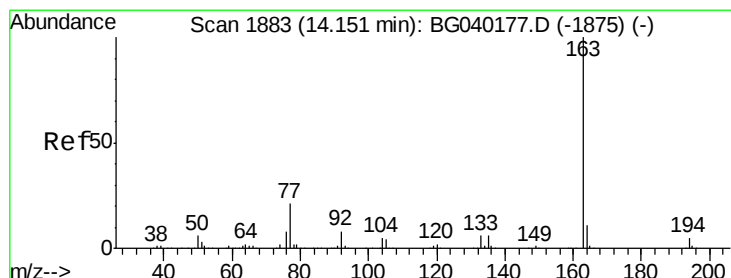
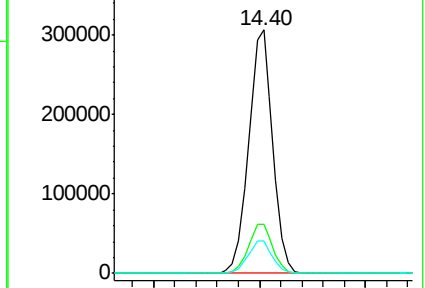
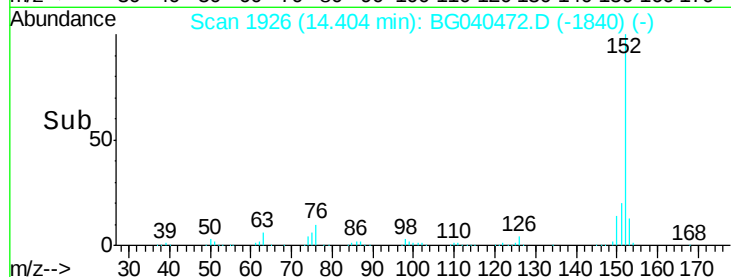
153 13.2 10.8 16.2



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: 39.113 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

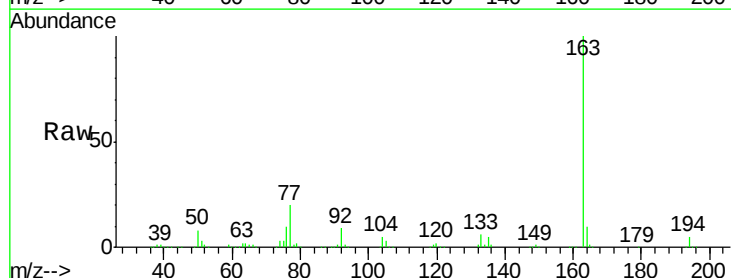
Tgt Ion:163 Resp: 367330

Ion Ratio Lower Upper

163 100

194 4.6 4.1 6.1

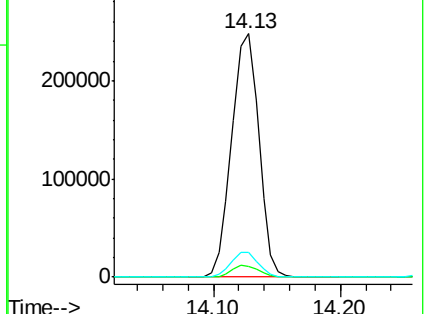
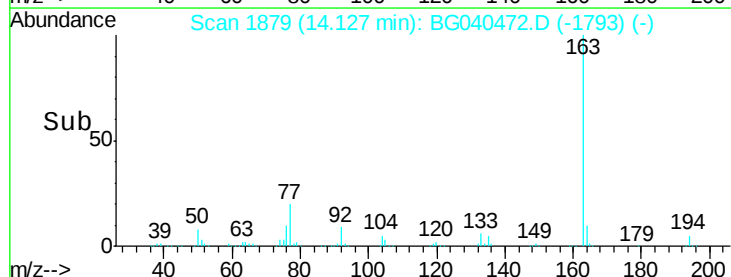
164 10.2 8.6 13.0

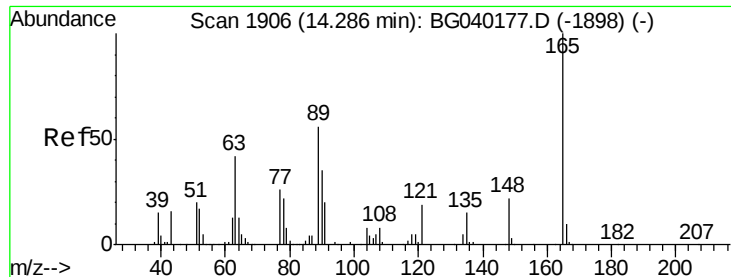


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.280 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.03 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

Instrument :

BNA_G

ClientSampleId :

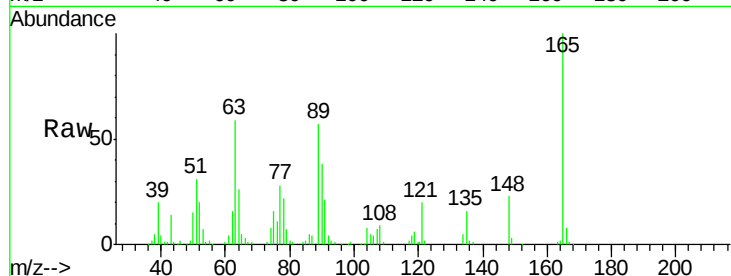
Tot Ion:165 Resp: 84939

Ion Ratio Lower Upper

165 100

63 59.1 44.1 66.1

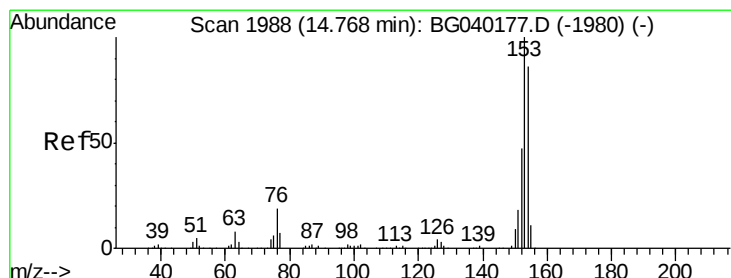
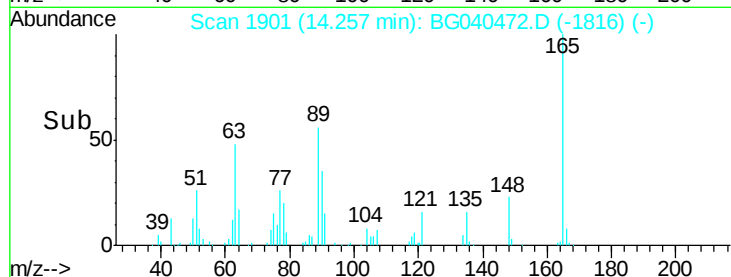
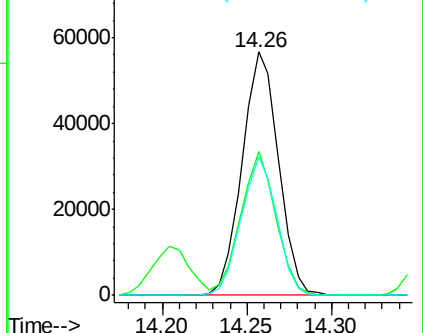
89 56.9 44.9 67.3



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: 38.666 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.03 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

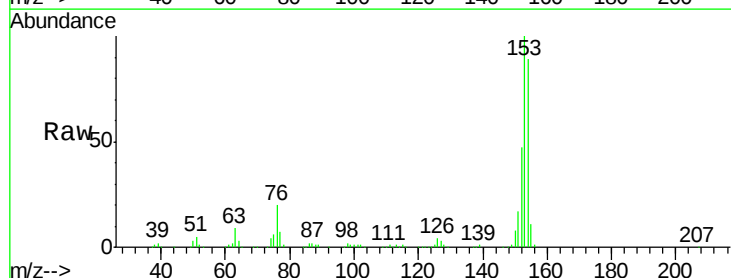
Tgt Ion:154 Resp: 273206

Ion Ratio Lower Upper

154 100

153 111.9 92.8 139.2

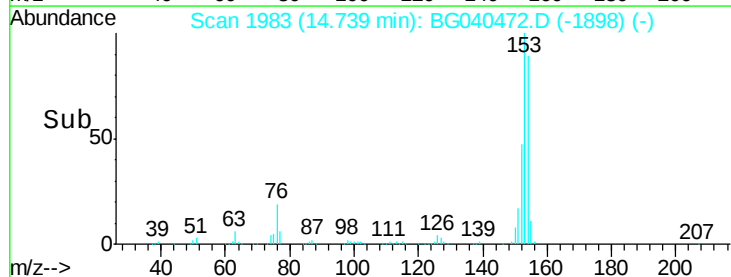
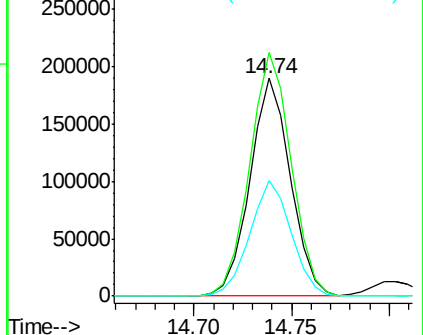
152 53.0 43.4 65.2



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: 42.259 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

Instrument :

BNA_G

ClientSampleId :

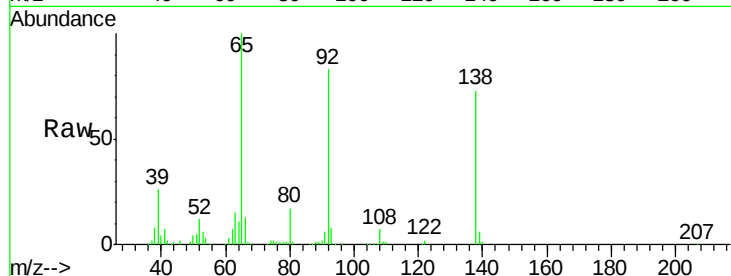
Tot Ion:138 Resp: 94329

Ion Ratio Lower Upper

138 100

108 9.2 7.8 11.8

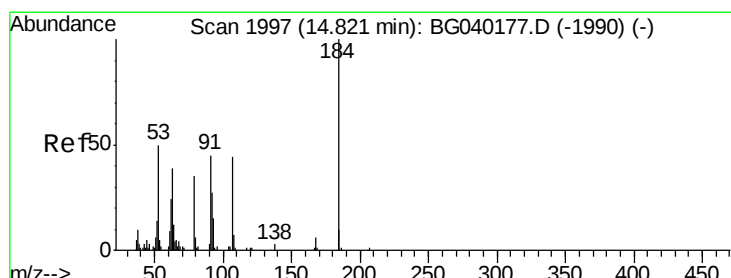
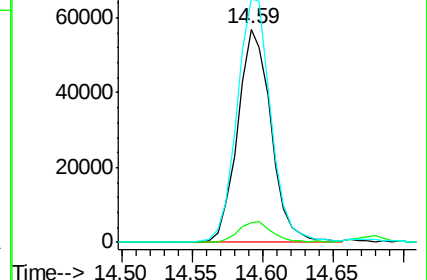
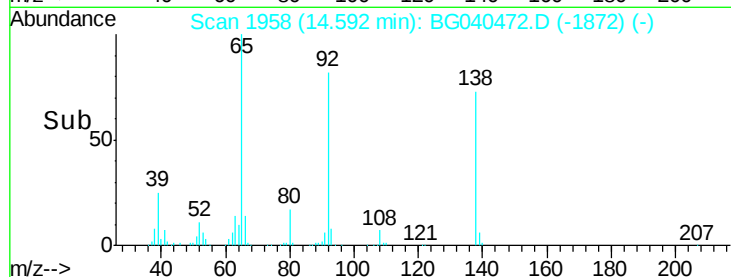
92 114.2 87.5 131.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#54

2,4-Dinitrophenol

Concen: 35.118 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

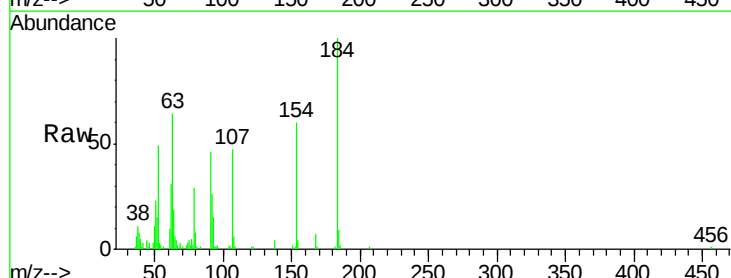
Tgt Ion:184 Resp: 39384

Ion Ratio Lower Upper

184 100

63 63.6 51.8 77.8

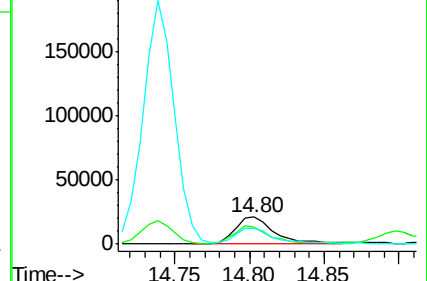
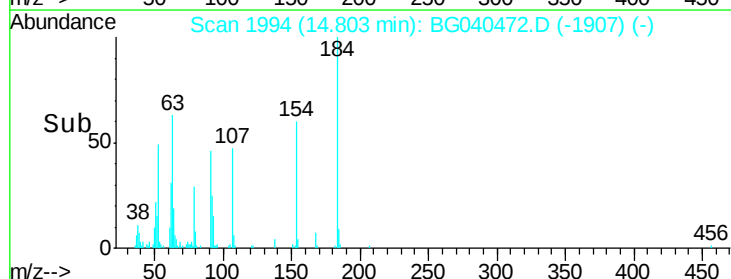
154 60.1 50.9 76.3

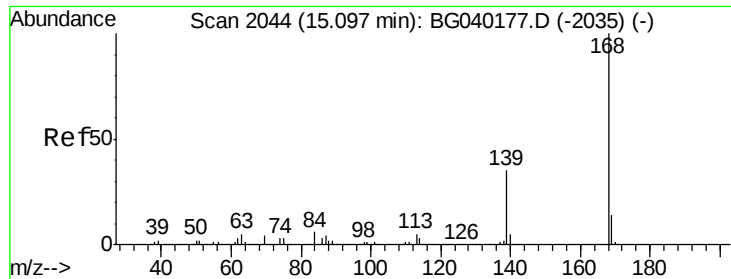


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E

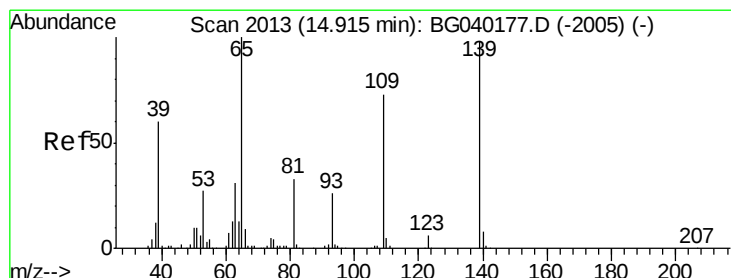
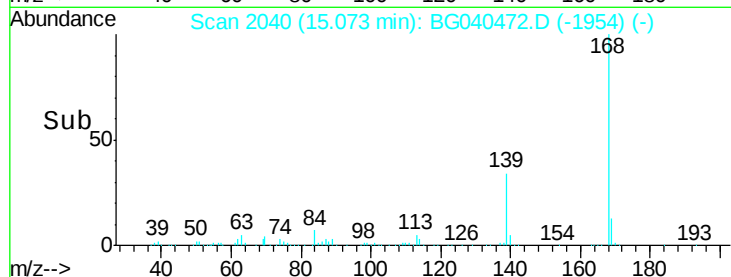
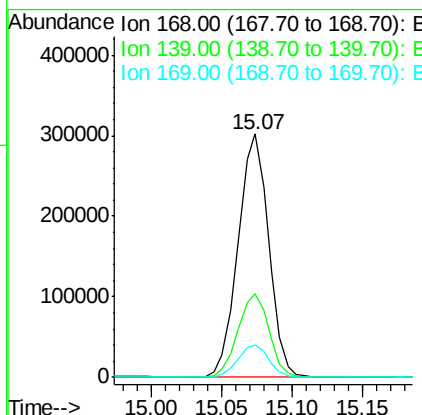
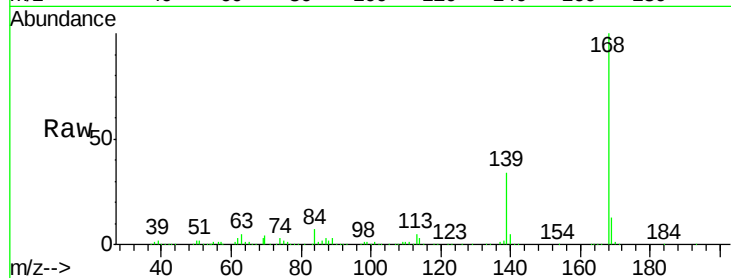




#55
Dibenzenofuran
Concen: 40.329 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040472.D
Acq: 12 Apr 2019 22:12

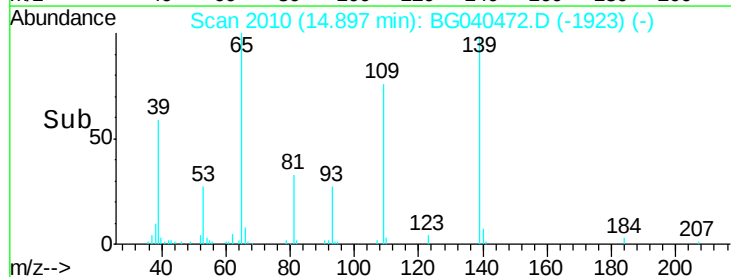
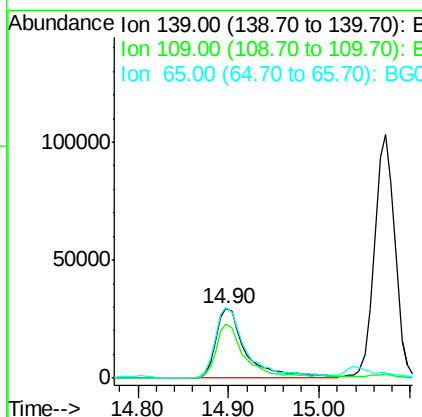
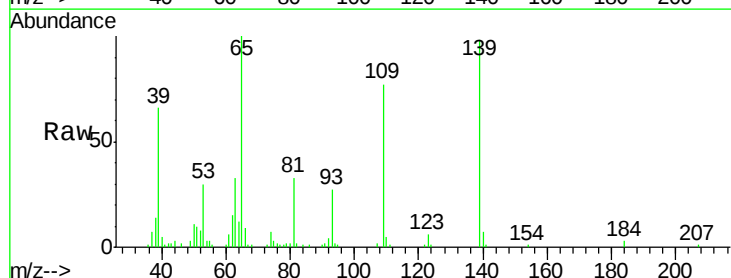
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.1	27.9	41.9
169	13.4	11.3	16.9



#56
4-Nitrophenol
Concen: 38.041 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BG040472.D
Acq: 12 Apr 2019 22:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.5	54.3	94.3
65	102.3	82.5	122.5

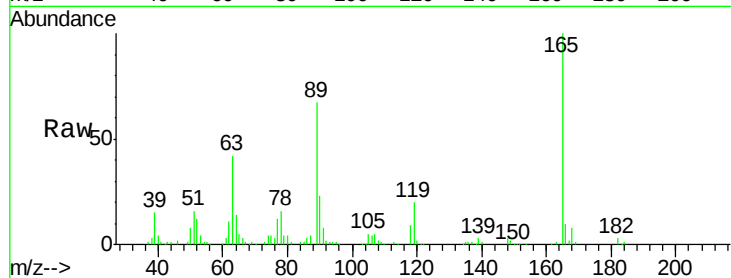




#57
2,4-Dinitrotoluene
Concen: 43.740 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BG040472.D
Acq: 12 Apr 2019 22:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	165	Resp:	128161
Ion	Ratio	Lower	Upper
165	100		
63	42.1	33.8	50.6
89	67.2	55.4	83.2
182	2.8	2.2	3.4

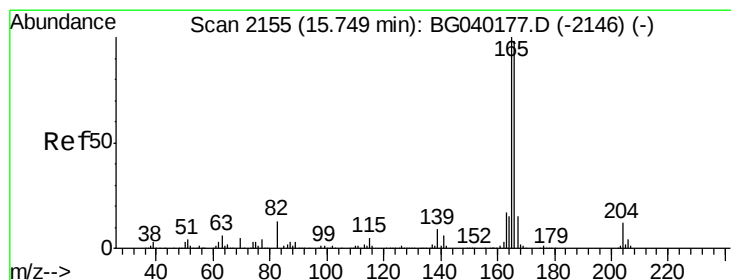
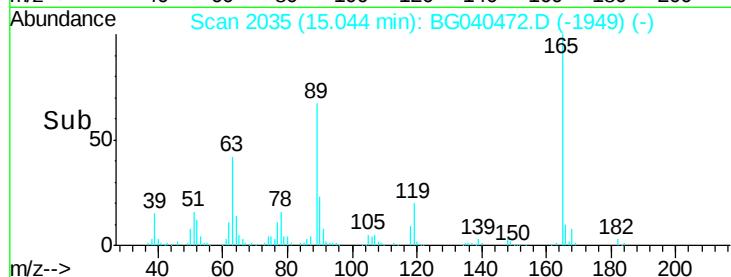
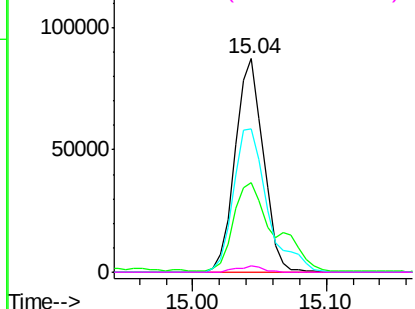


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

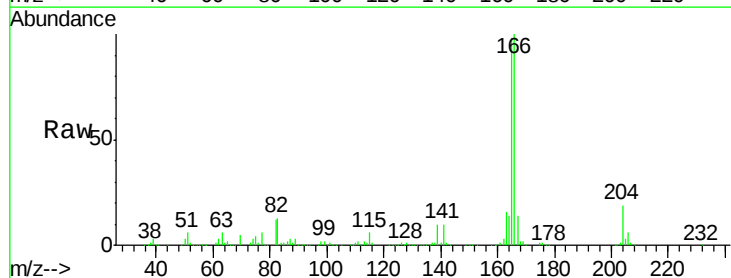
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.320 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BG040472.D
Acq: 12 Apr 2019 22:12

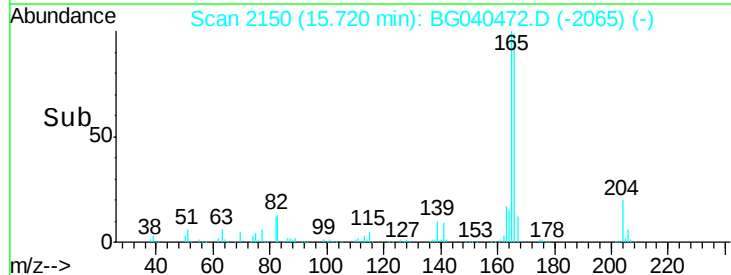
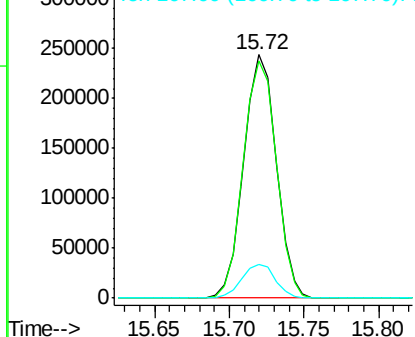
Tgt Ion:	166	Resp:	368837
Ion	Ratio	Lower	Upper
166	100		
165	97.6	81.7	122.5
167	14.0	11.9	17.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

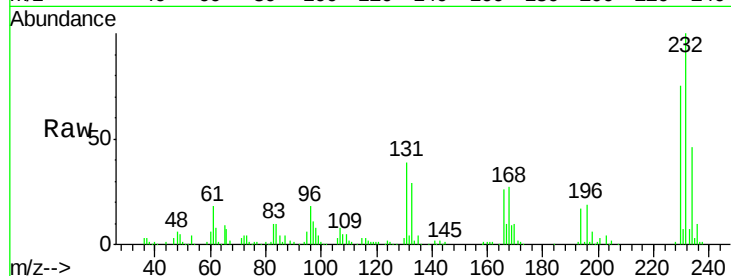




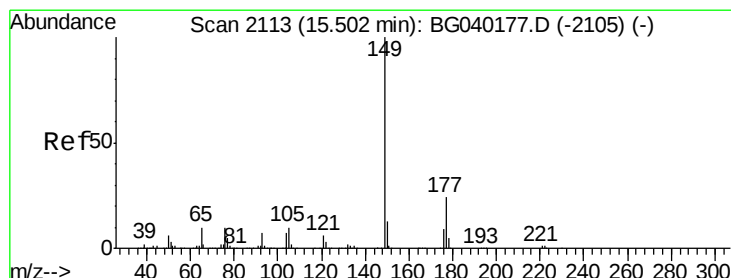
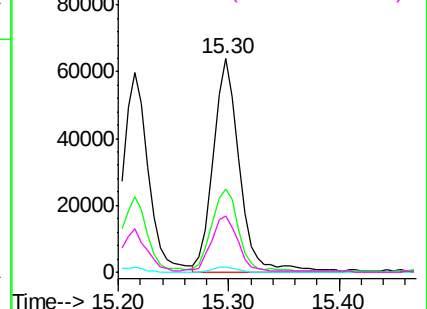
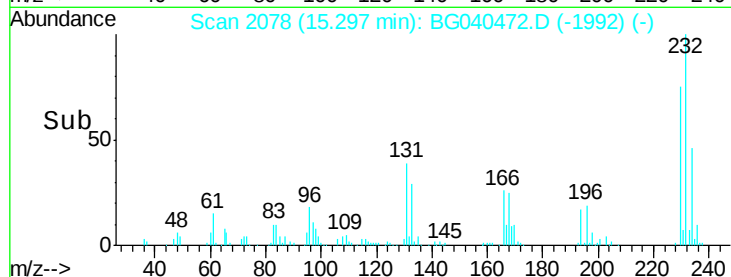
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.144 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040472.D
 Acq: 12 Apr 2019 22:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	104933
Ion Ratio	Lower	Upper
232	100	
131	39.6	32.9 49.3
130	2.2	1.8 2.8
166	26.7	23.5 35.3

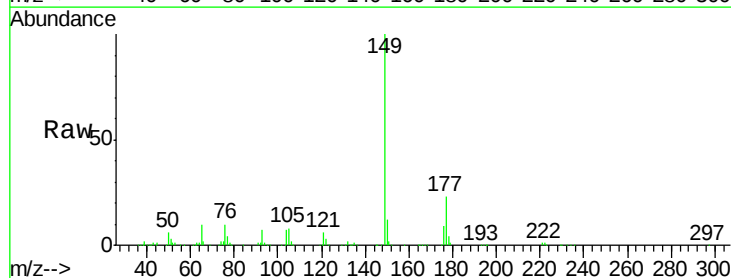


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

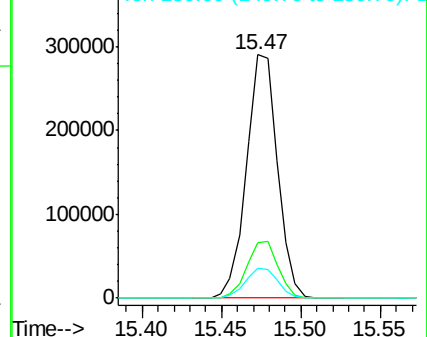
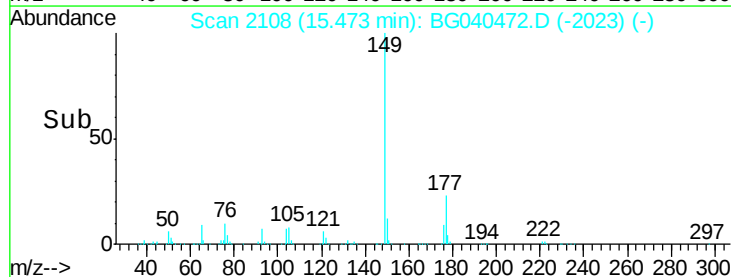


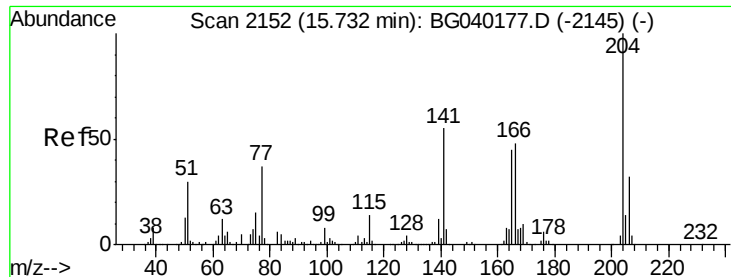
#60
 Diethylphthalate
 Concen: 41.068 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.03 min
 Lab File: BG040472.D
 Acq: 12 Apr 2019 22:12

Tgt Ion:149	Resp:	394669
Ion Ratio	Lower	Upper
149	100	
177	22.7	19.1 28.7
150	12.3	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

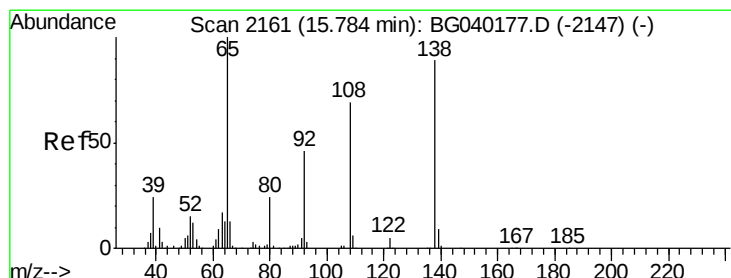
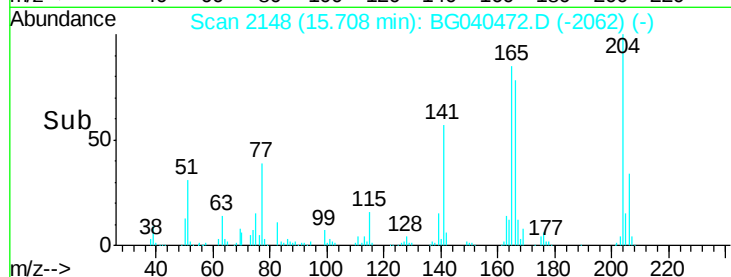
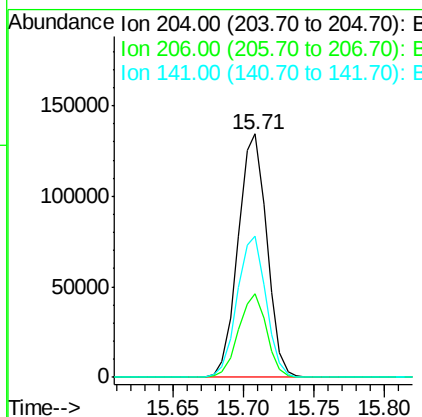
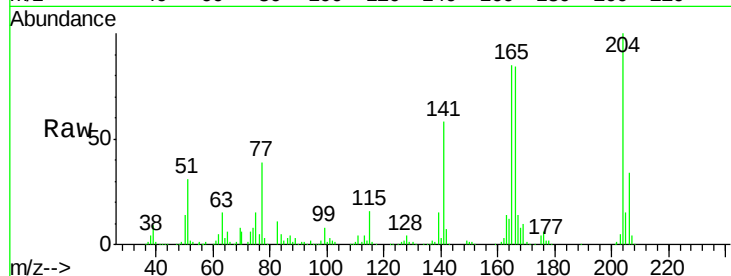




#61
 4-Chlorophenyl-phenylether
 Concen: 40.110 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040472.D
 Acq: 12 Apr 2019 22:12

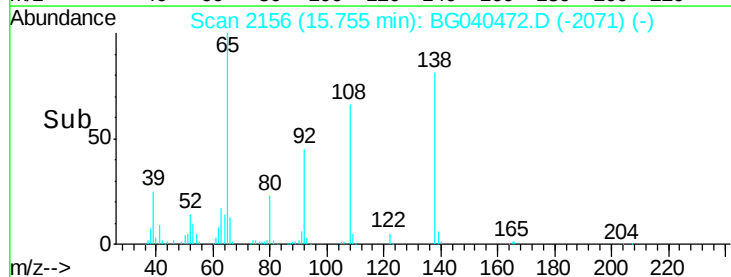
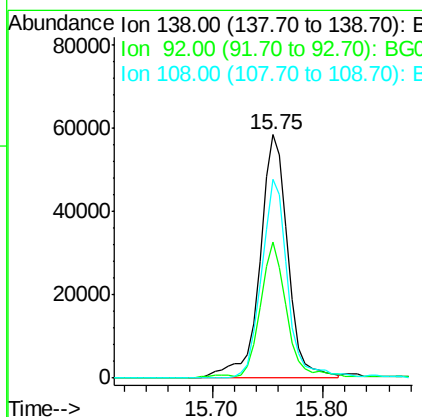
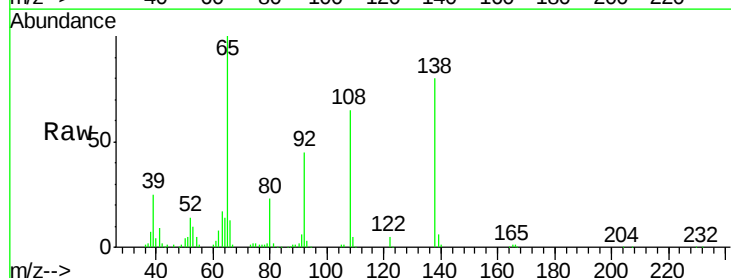
Instrument :
 BNA_G
 ClientSampled :

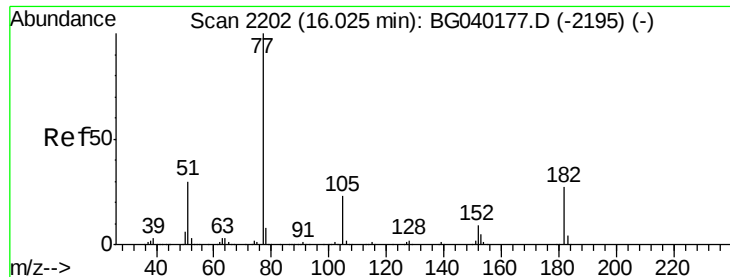
Tot Ion:204 Resp: 191385
 Ion Ratio Lower Upper
 204 100
 206 34.4 25.7 38.5
 141 57.8 44.0 66.0



#62
 4-Nitroaniline
 Concen: 43.425 ng
 RT: 15.75 min Scan# 2156
 Delta R.T. -0.03 min
 Lab File: BG040472.D
 Acq: 12 Apr 2019 22:12

Tgt Ion:138 Resp: 104024
 Ion Ratio Lower Upper
 138 100
 92 55.8 31.8 71.8
 108 81.4 57.2 97.2





#63

Azobenzene

Concen: 42.272 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.02 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 383192

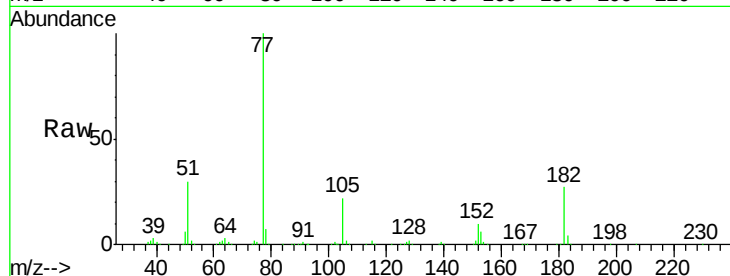
Ion Ratio Lower Upper

77 100

182 27.4 7.2 47.2

105 21.7 2.8 42.8

51 29.8 10.4 50.4

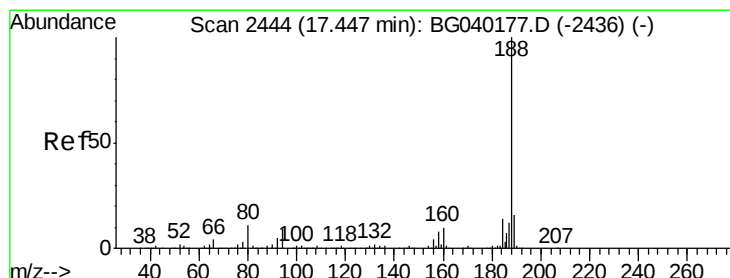
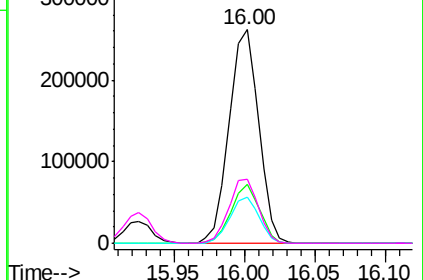
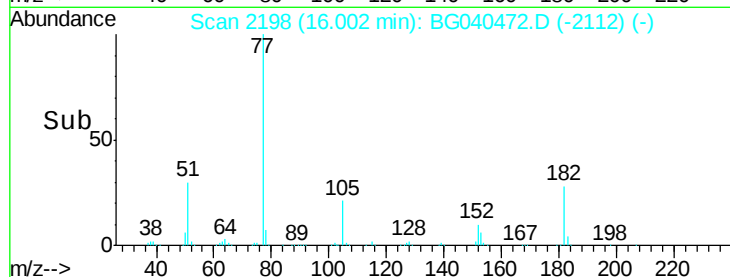


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.03 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

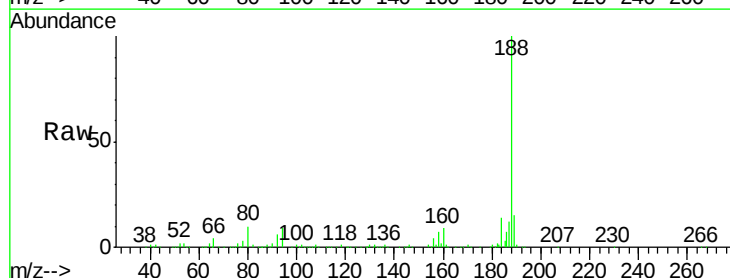
Tgt Ion: 188 Resp: 325038

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.4

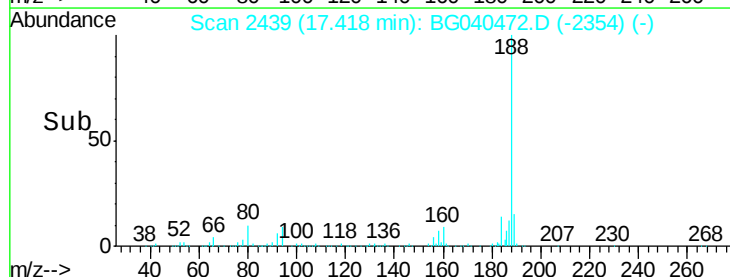
80 9.6 8.6 13.0



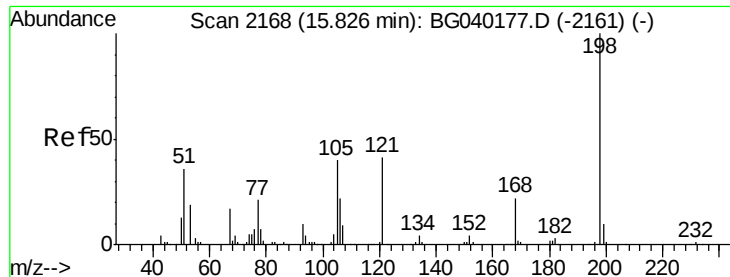
Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



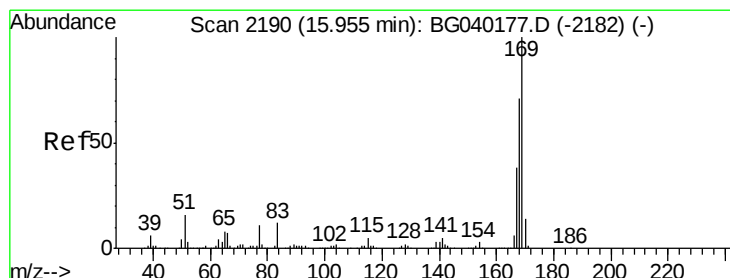
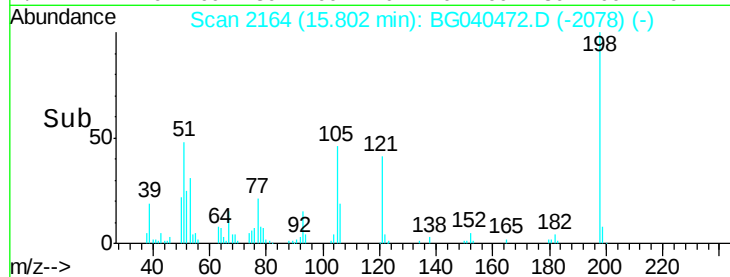
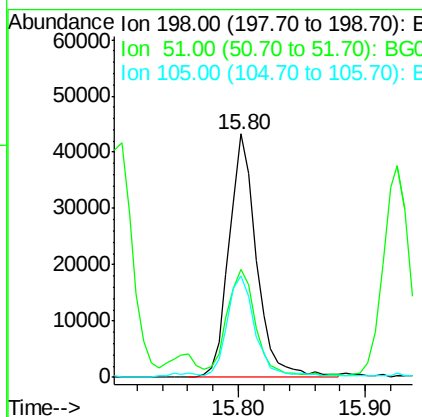
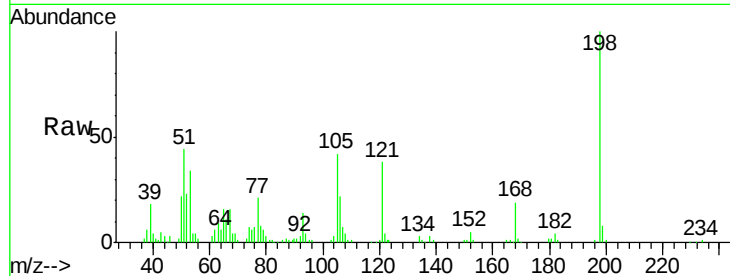
Time-->



#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.590 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BG040472.D
 Acq: 12 Apr 2019 22:12

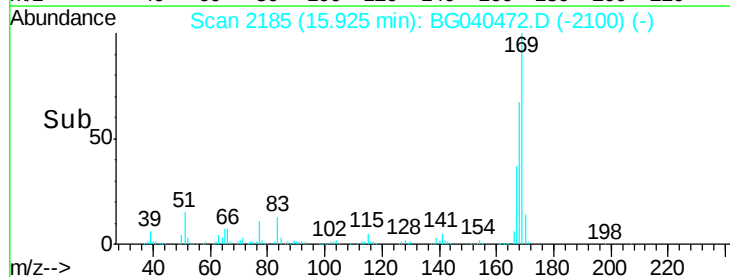
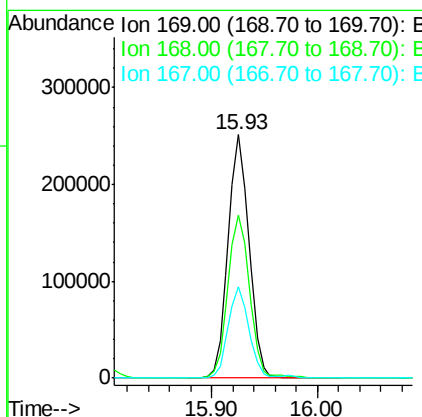
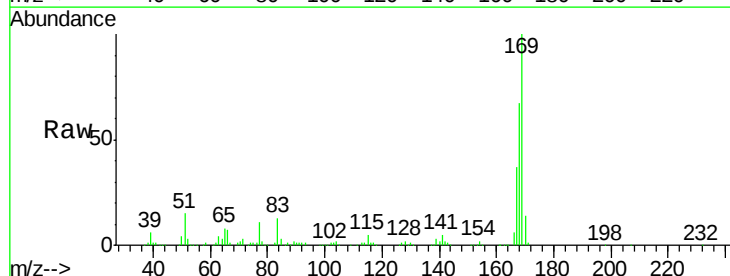
Instrument :
 BNA_G
 ClientSampleId :

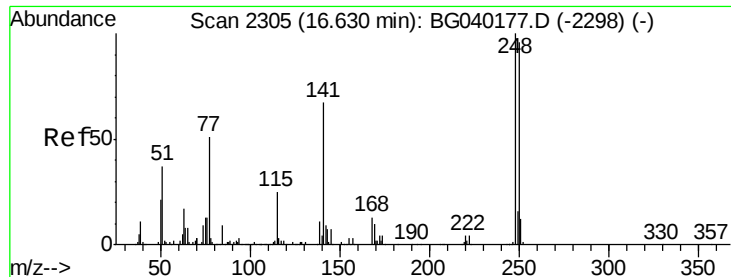
Tot Ion	198	Resp	64992
Ion Ratio	Lower	Upper	
198	100		
51	44.3	27.3	67.3
105	41.9	21.7	61.7



#66
 n-Nitrosodiphenylamine
 Concen: 36.159 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.03 min
 Lab File: BG040472.D
 Acq: 12 Apr 2019 22:12

Tgt Ion	169	Resp	343925
Ion Ratio	Lower	Upper	
169	100		
168	67.0	56.8	85.2
167	37.3	30.2	45.4

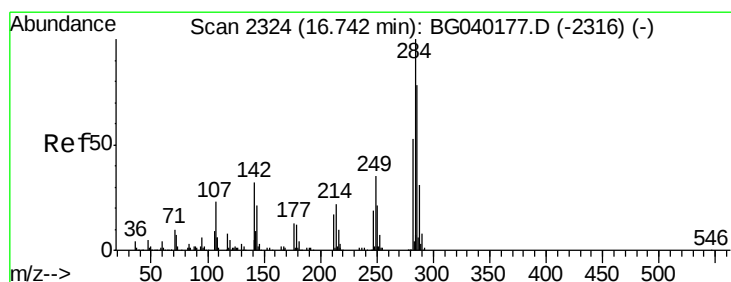
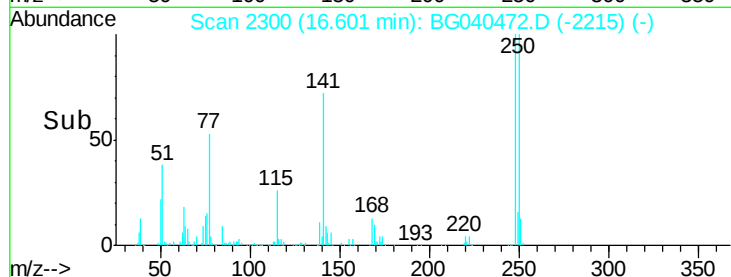
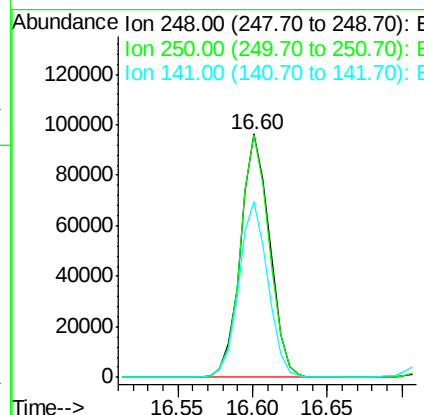
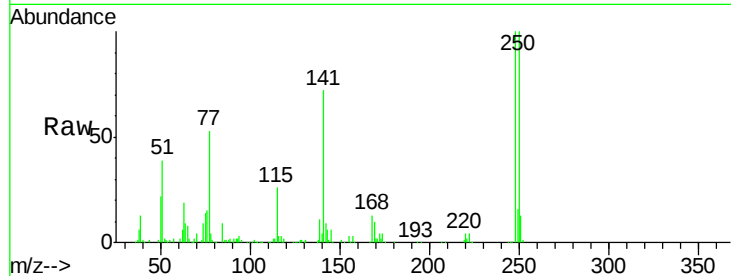




#67
4-Bromophenyl-phenylether
Concen: 35.712 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.03 min
Lab File: BG040472.D
Acq: 12 Apr 2019 22:12

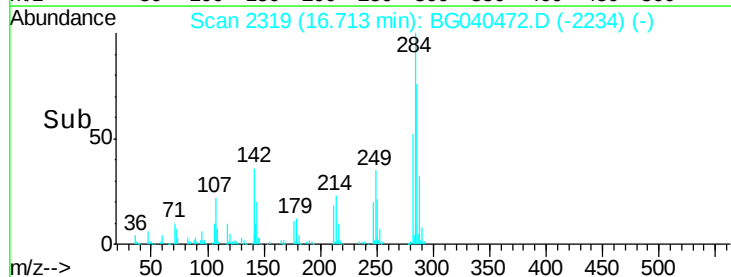
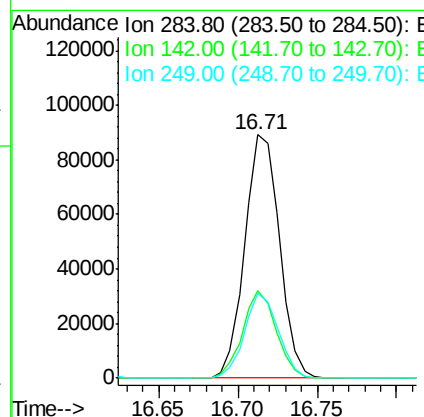
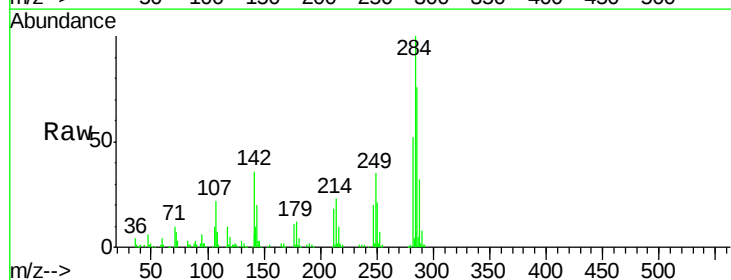
Instrument :
BNA_G
ClientSampleId :

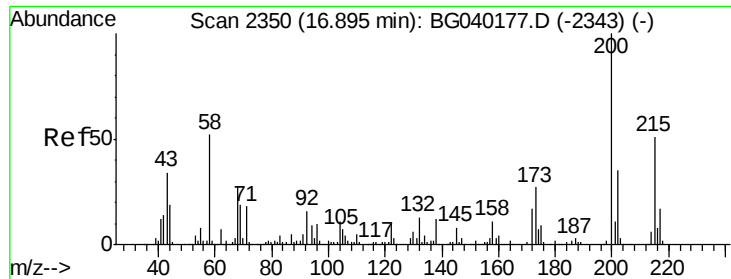
Tot Ion:248 Resp: 130627
Ion Ratio Lower Upper
248 100
250 99.6 76.4 114.6
141 72.2 53.8 80.8



#68
Hexachlorobenzene
Concen: 36.915 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.03 min
Lab File: BG040472.D
Acq: 12 Apr 2019 22:12

Tgt Ion:284 Resp: 135764
Ion Ratio Lower Upper
284 100
142 36.1 25.3 37.9
249 34.8 28.2 42.2





#69

Atrazine

Concen: 37.276 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.03 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

Instrument :

BNA_G

ClientSampleId :

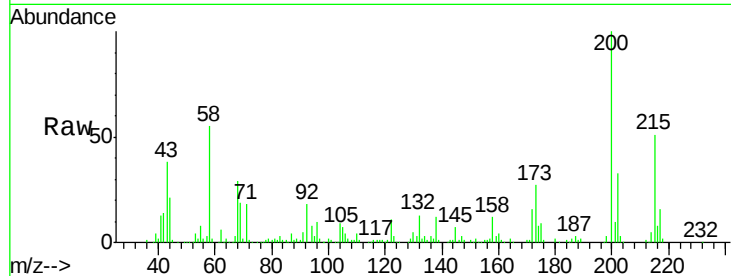
Tot Ion:200 Resp: 131889

Ion Ratio Lower Upper

200 100

173 27.0 7.1 47.1

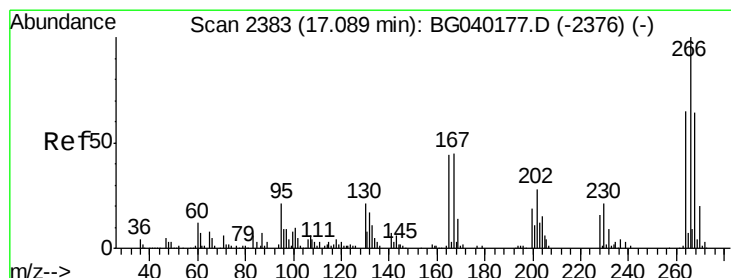
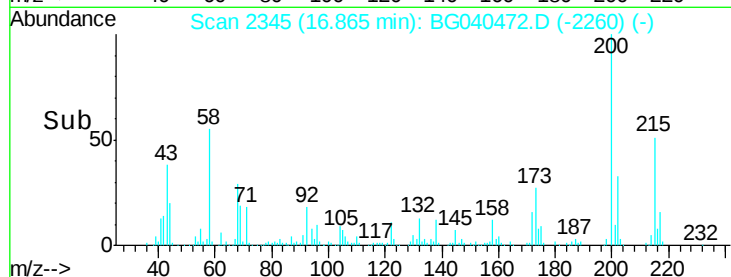
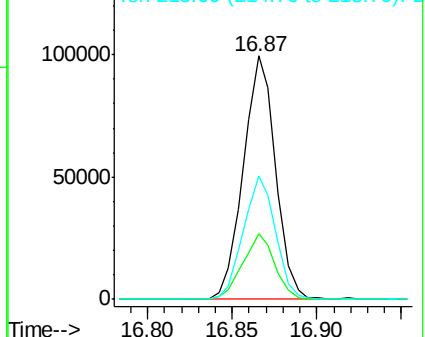
215 50.6 30.9 70.9



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: 38.536 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.02 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

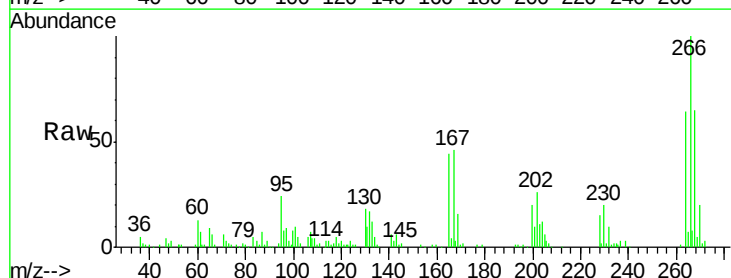
Tgt Ion:266 Resp: 81938

Ion Ratio Lower Upper

266 100

268 65.0 55.0 82.4

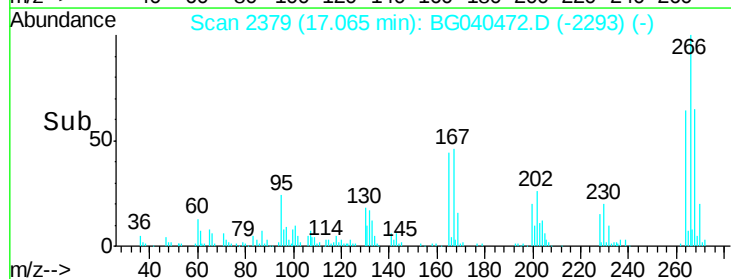
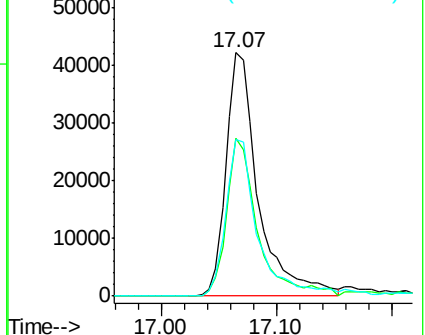
264 64.3 51.8 77.8

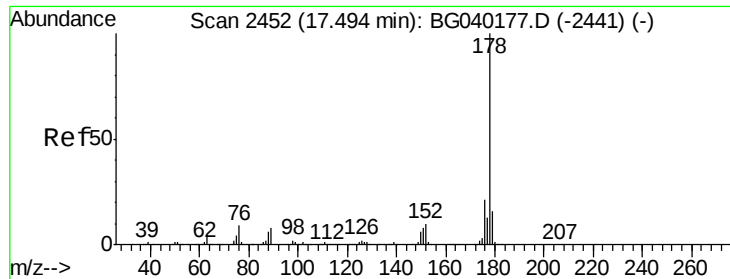


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

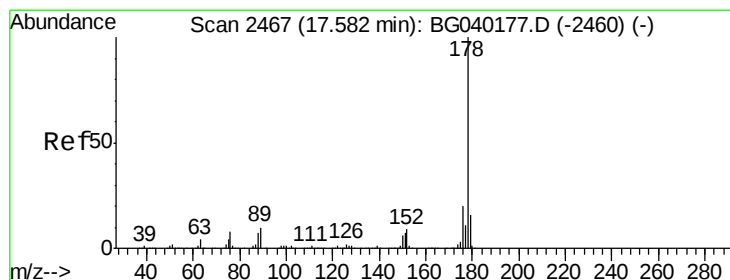
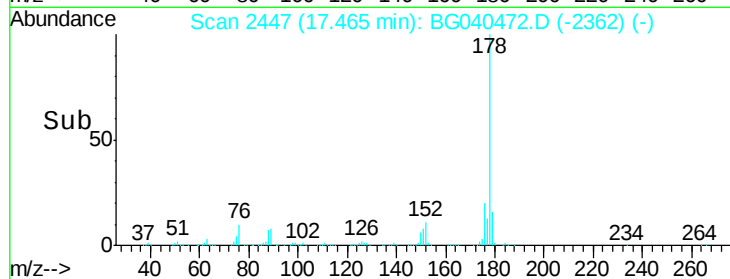
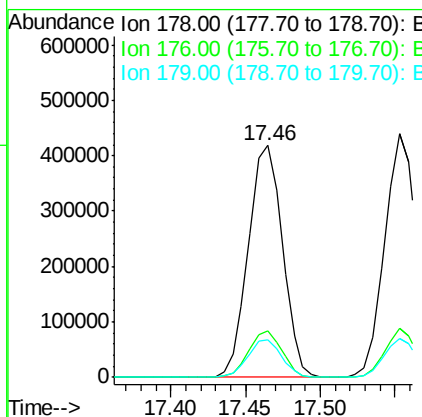
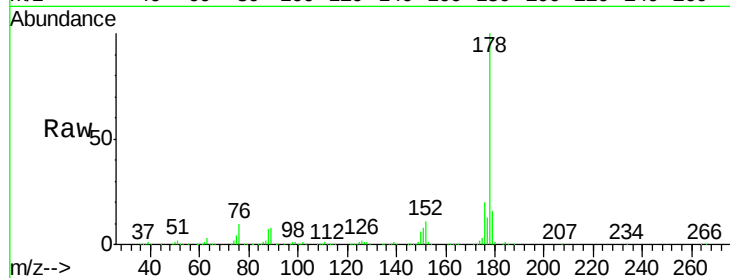




#71
Phenanthrene
Concen: 38.782 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040472.D
Acq: 12 Apr 2019 22:12

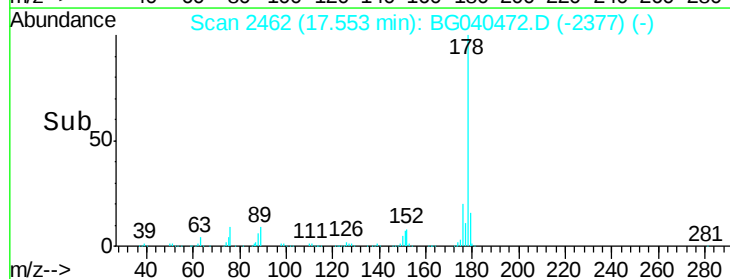
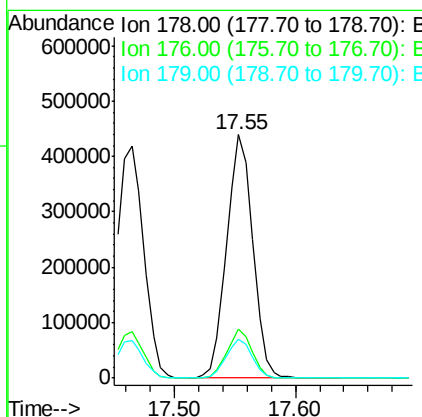
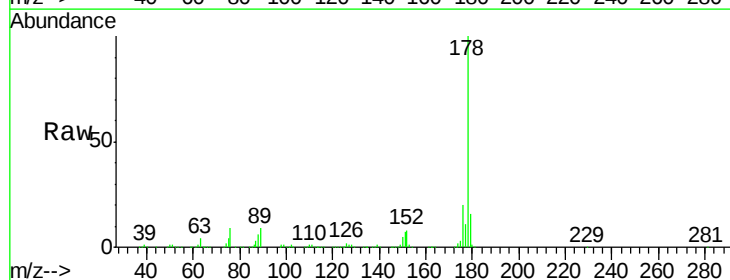
Instrument :
BNA_G
ClientSampleId :

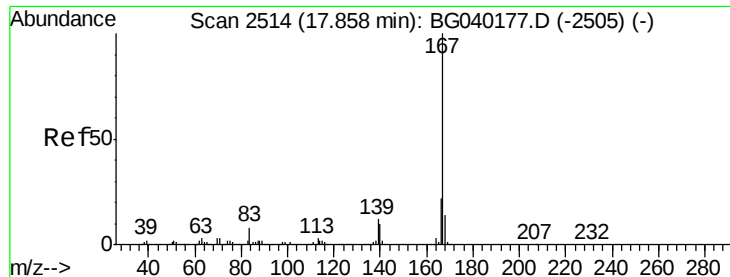
Tot Ion:178 Resp: 662568
Ion Ratio Lower Upper
178 100
176 20.3 16.7 25.1
179 16.4 12.8 19.2



#72
Anthracene
Concen: 38.628 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.03 min
Lab File: BG040472.D
Acq: 12 Apr 2019 22:12

Tgt Ion:178 Resp: 660543
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.8 12.9 19.3

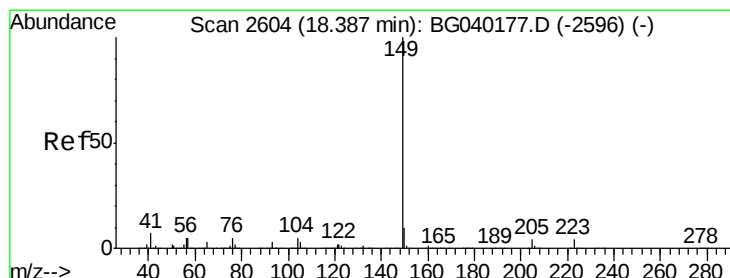
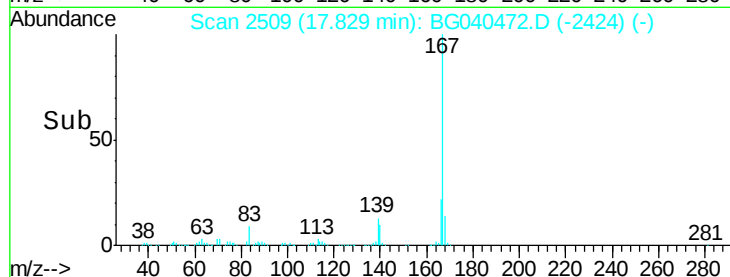
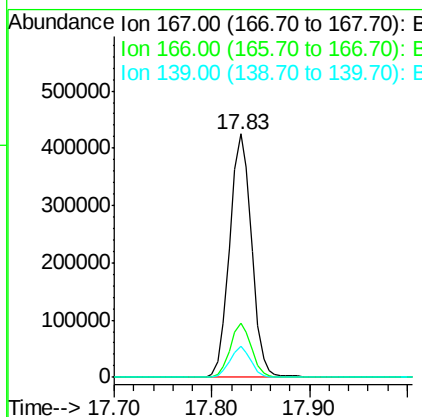
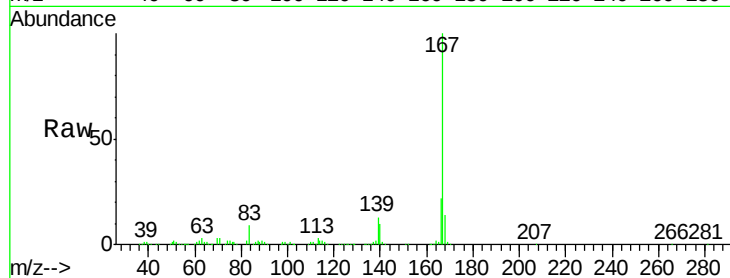




#73
 Carbazole
 Concen: 41.121 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.03 min
 Lab File: BG040472.D
 Acq: 12 Apr 2019 22:12

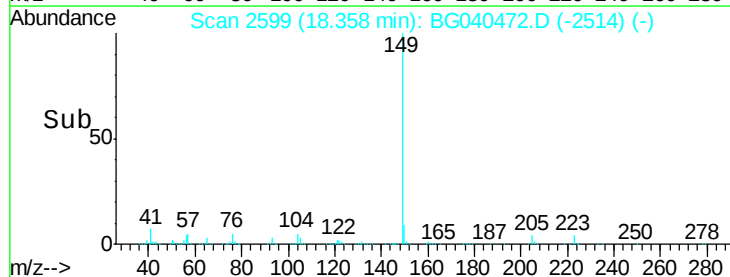
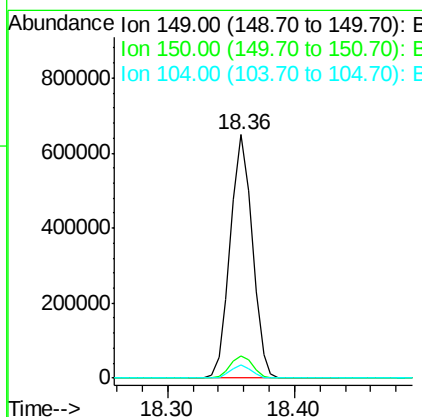
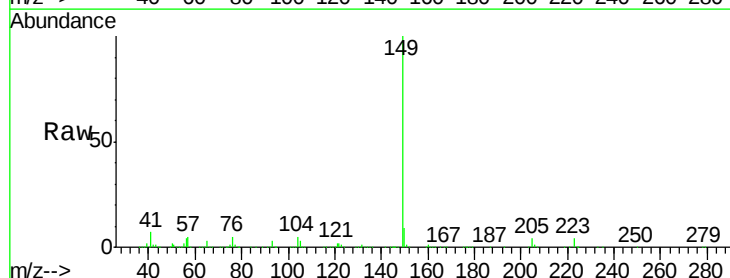
Instrument :
 BNA_G
 ClientSampled :

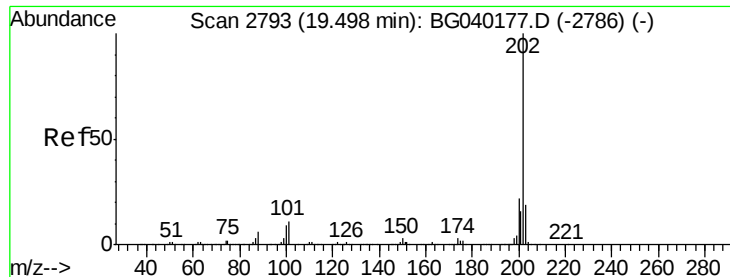
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.5	26.3
139	12.7	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 40.671 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.03 min
 Lab File: BG040472.D
 Acq: 12 Apr 2019 22:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	5.3	4.1	6.1





#75

Fluoranthene

Concen: 43.603 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

Instrument :

BNA_G

ClientSampleId :

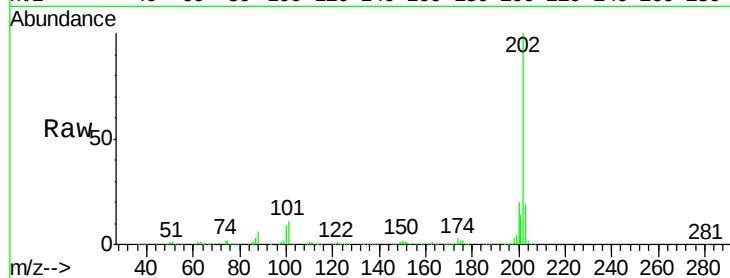
Tot Ion:202 Resp: 882101

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.8

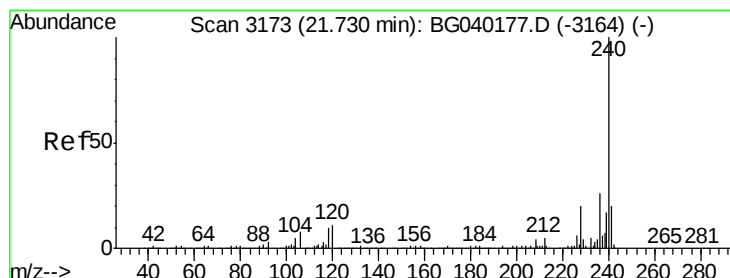
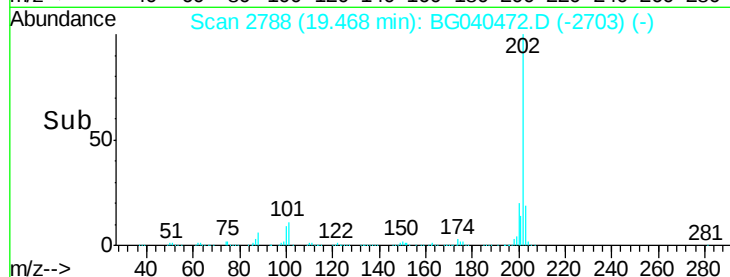
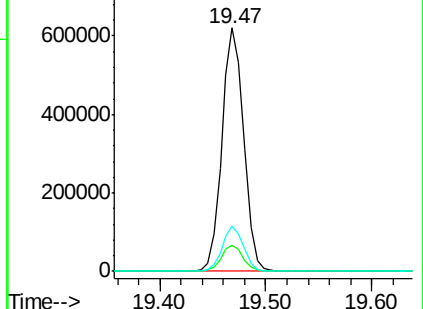
203 18.6 0.0 38.9



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# 3167

Delta R.T. -0.04 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

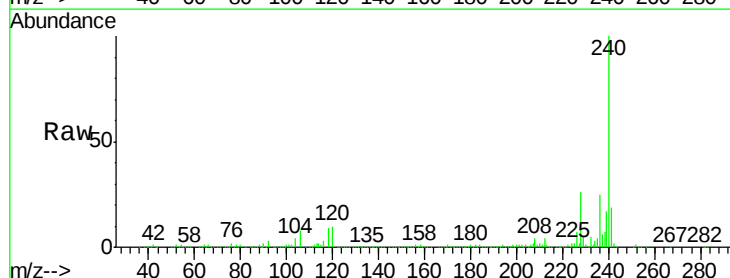
Tgt Ion:240 Resp: 372329

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

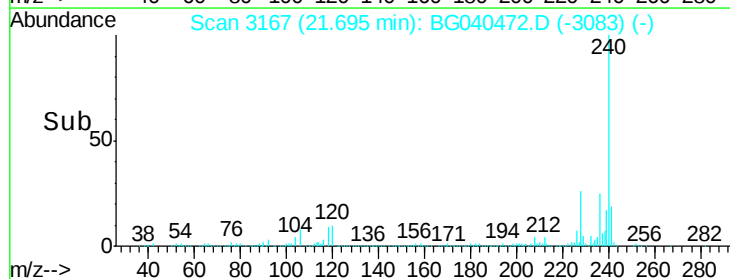
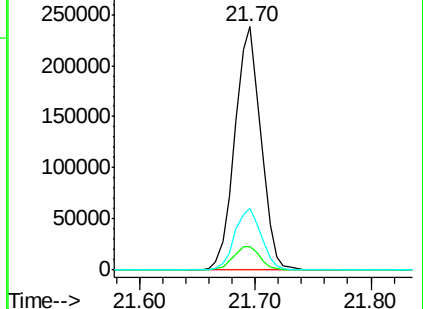
236 25.3 20.8 31.2

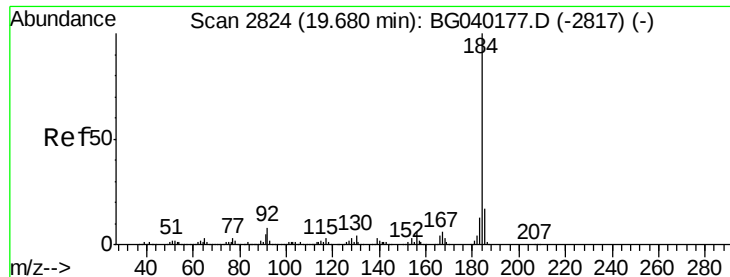


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.766 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

Instrument :

BNA_G

ClientSampleId :

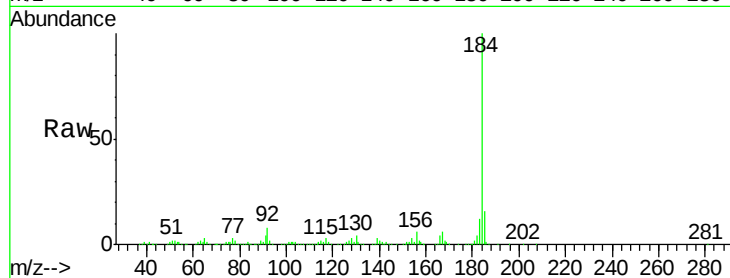
Tot Ion:184 Resp: 561551

Ion Ratio Lower Upper

184 100

185 15.6 13.3 19.9

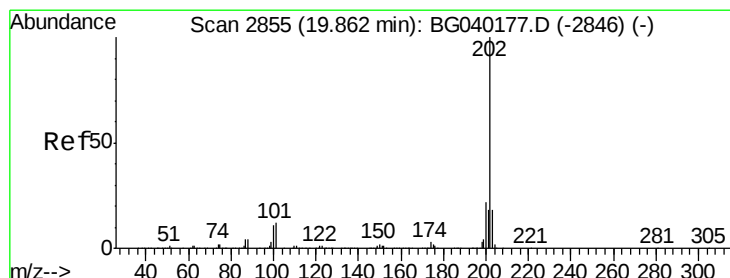
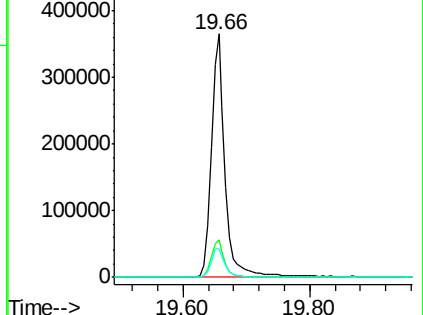
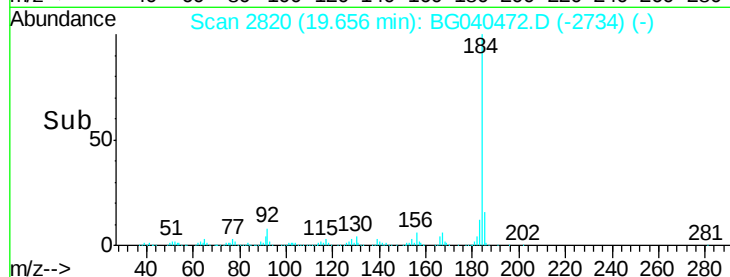
183 12.0 10.3 15.5



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: 36.364 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

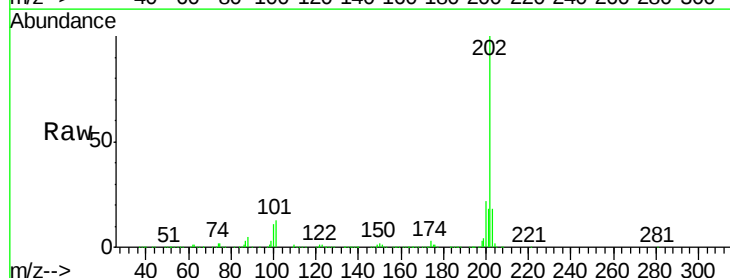
Tgt Ion:202 Resp: 890368

Ion Ratio Lower Upper

202 100

200 22.0 17.3 25.9

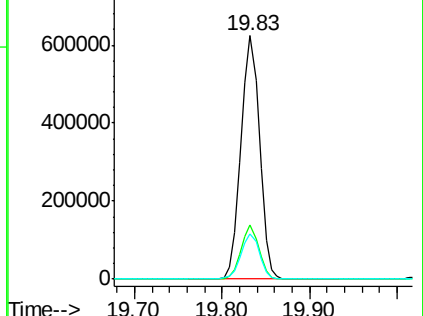
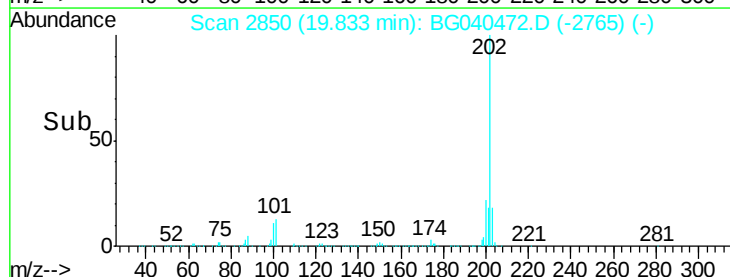
203 18.4 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.684 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

Instrument :

BNA_G

ClientSampleId :

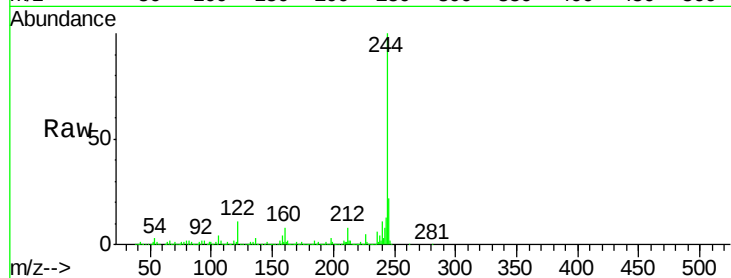
Tot Ion:244 Resp: 1202962

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

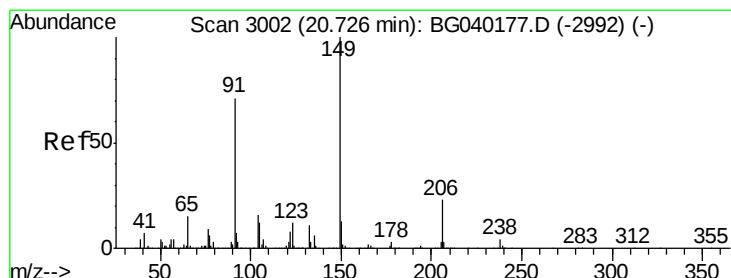
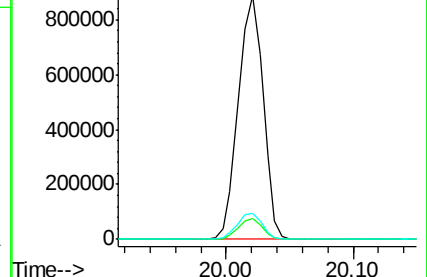
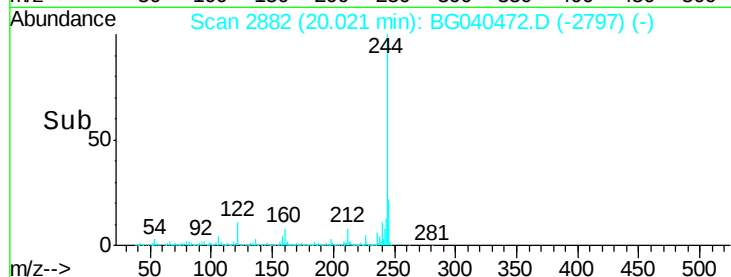
122 10.9 8.5 12.7



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: 37.616 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

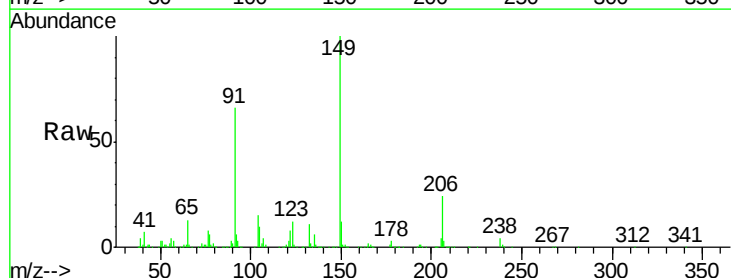
Tgt Ion:149 Resp: 394118

Ion Ratio Lower Upper

149 100

91 66.0 57.0 85.4

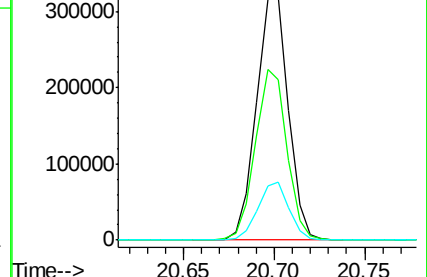
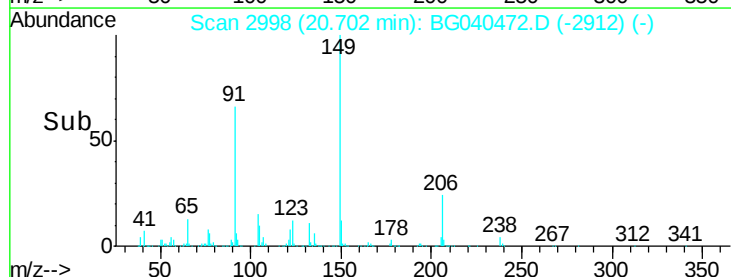
206 23.9 18.2 27.4

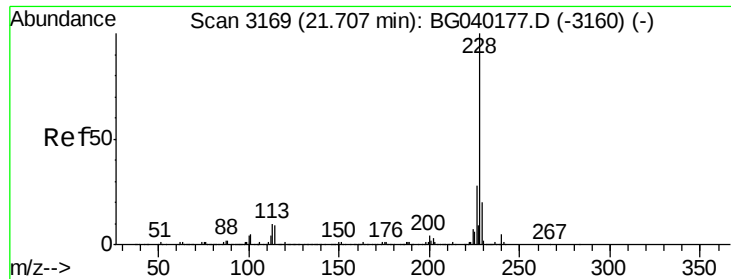


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

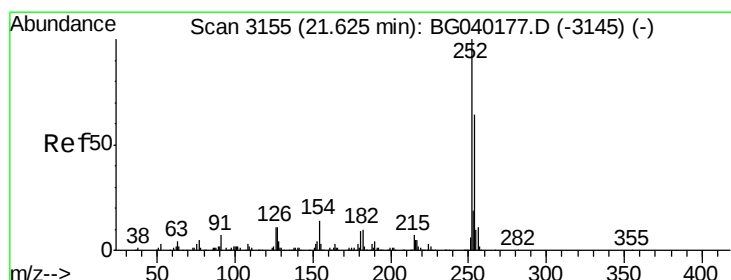
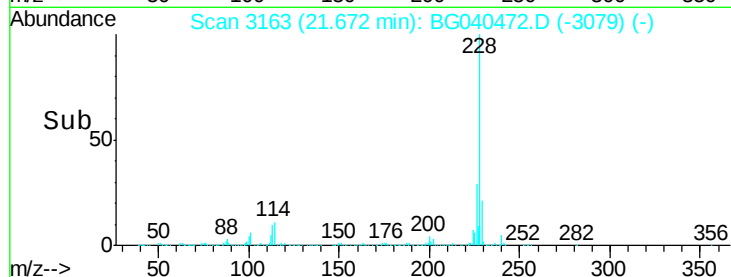
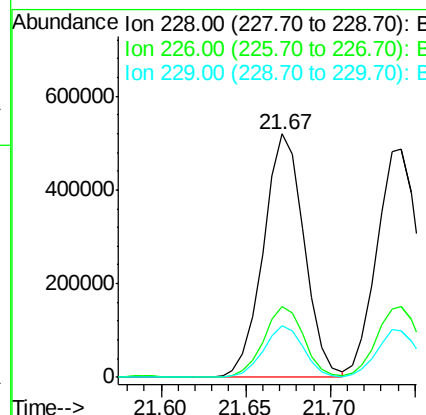
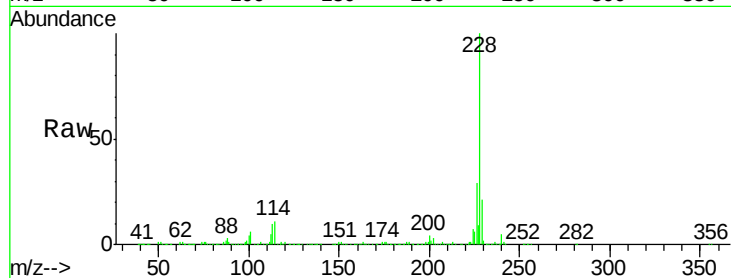




#81
Benzo(a)anthracene
Concen: 37.870 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG040472.D
Acq: 12 Apr 2019 22:12

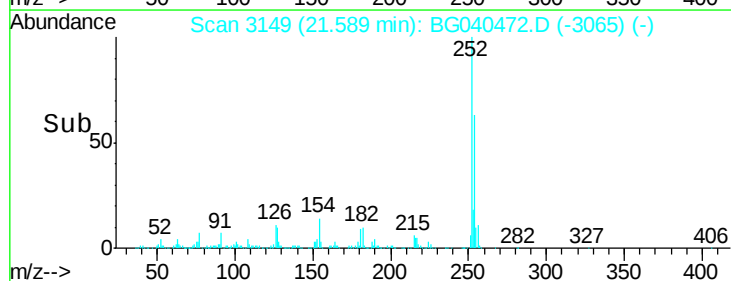
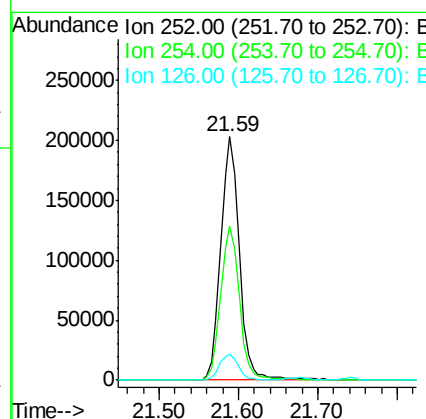
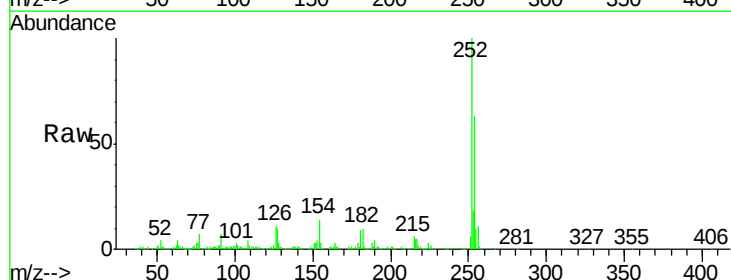
Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 868489
Ion Ratio Lower Upper
228 100
226 29.0 22.6 34.0
229 21.3 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 38.016 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.04 min
Lab File: BG040472.D
Acq: 12 Apr 2019 22:12

Tgt Ion:252 Resp: 331647
Ion Ratio Lower Upper
252 100
254 63.1 51.4 77.2
126 10.8 8.5 12.7

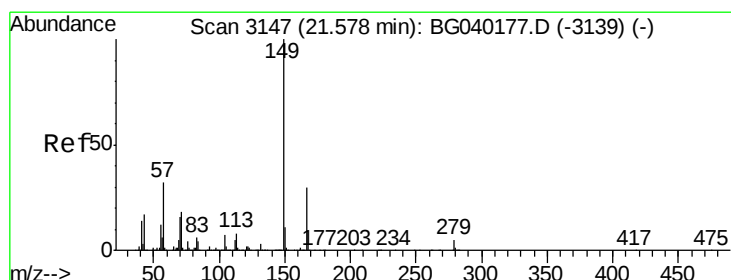
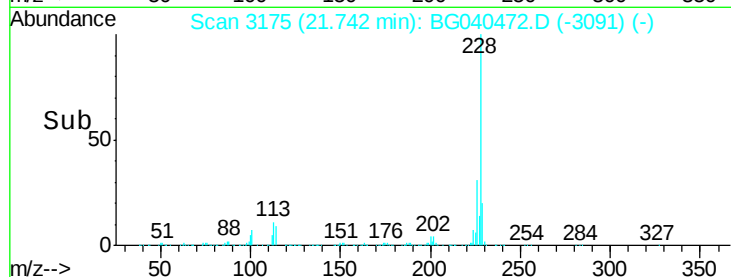
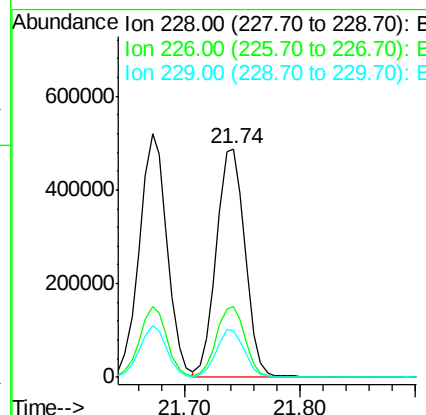
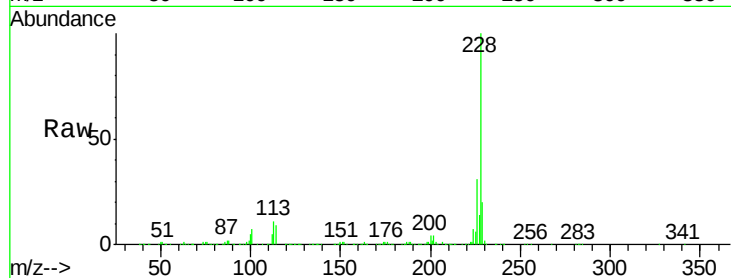




#83
 Chrysene
 Concen: 38.159 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.04 min
 Lab File: BG040472.D
 Acq: 12 Apr 2019 22:12

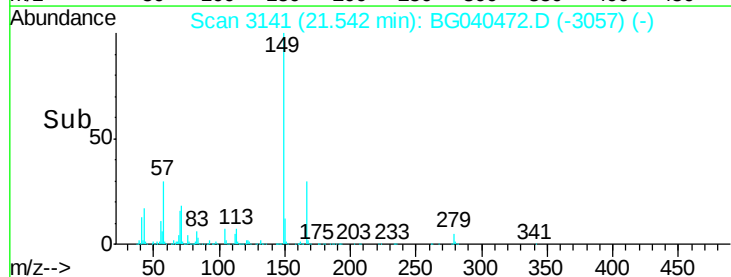
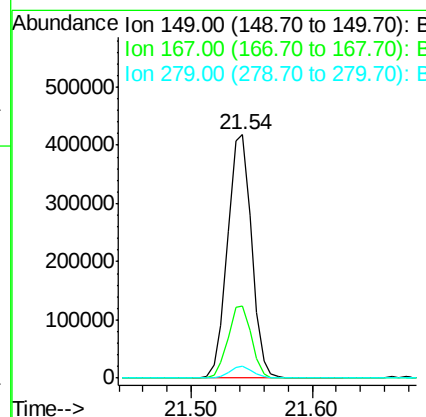
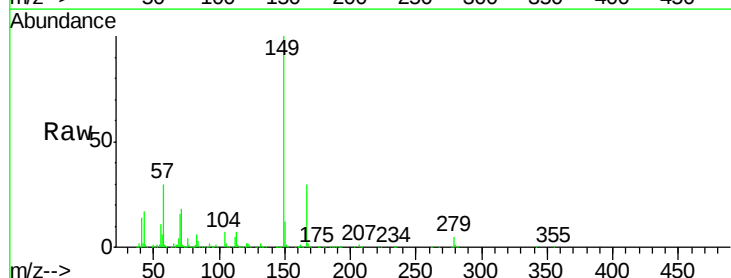
Instrument :
 BNA_G
 ClientSampleId :

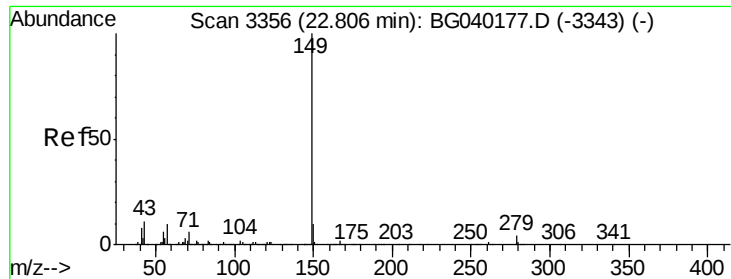
Tot Ion:228 Resp: 841030
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.4 38.0
 229 20.2 17.0 25.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.539 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.04 min
 Lab File: BG040472.D
 Acq: 12 Apr 2019 22:12

Tgt Ion:149 Resp: 577207
 Ion Ratio Lower Upper
 149 100
 167 29.8 24.1 36.1
 279 4.8 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 38.179 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.05 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

Instrument :

BNA_G

ClientSampleId :

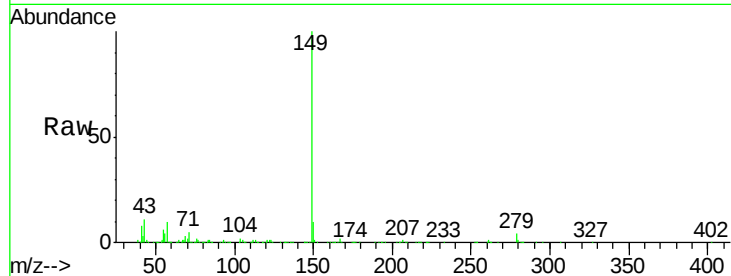
Tot Ion:149 Resp: 974224

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

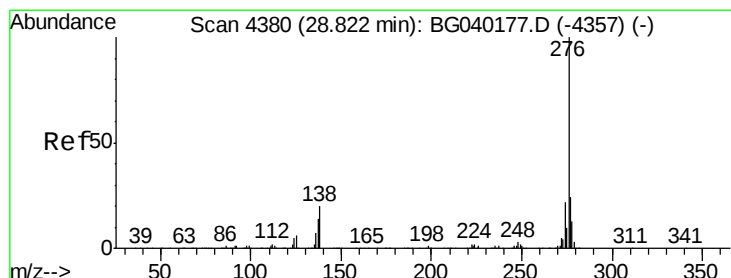
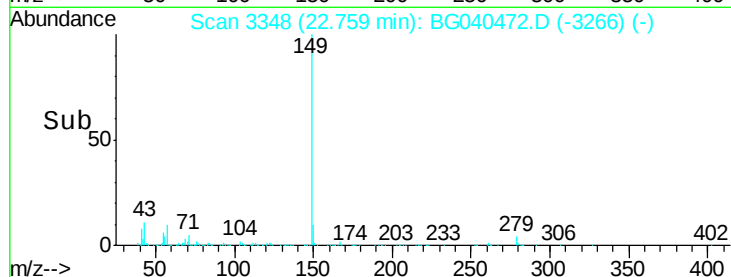
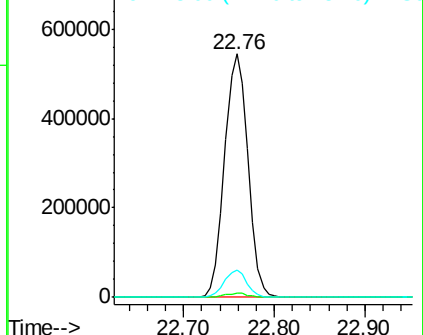
43 11.0 8.7 13.1



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.448 ng

RT: 28.72 min Scan# 4363

Delta R.T. -0.10 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

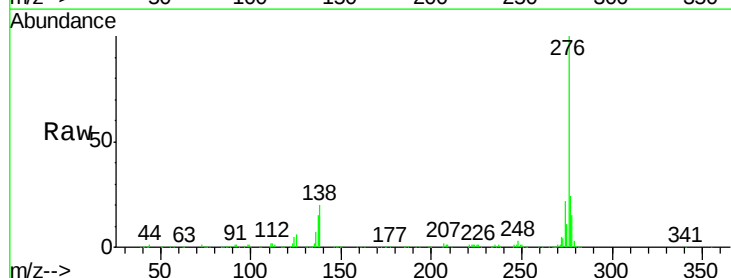
Tgt Ion:276 Resp: 1009495

Ion Ratio Lower Upper

276 100

138 11.1 18.8 28.2#

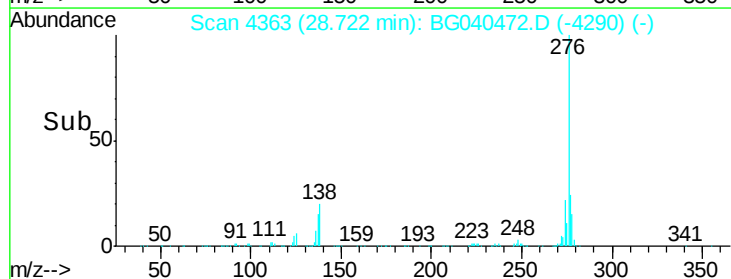
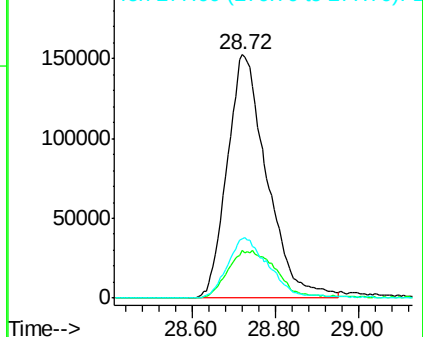
277 25.3 21.0 31.4

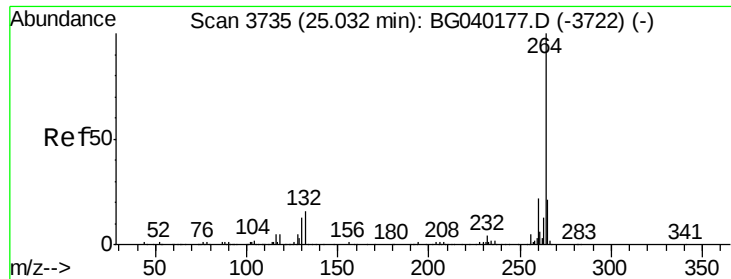


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.96 min Scan# 3723

Delta R.T. -0.07 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

Instrument :

BNA_G

ClientSampleId :

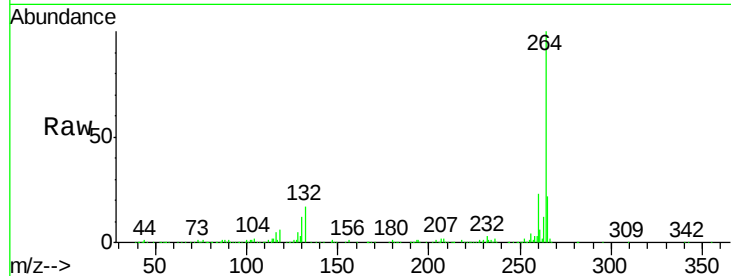
Tot Ion:264 Resp: 387861

Ion Ratio Lower Upper

264 100

260 23.1 17.9 26.9

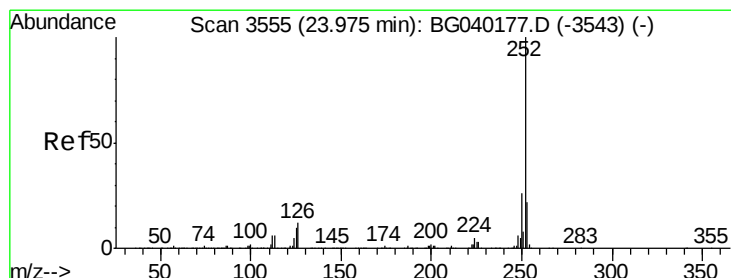
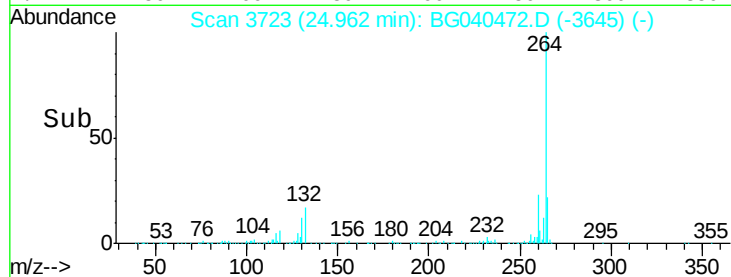
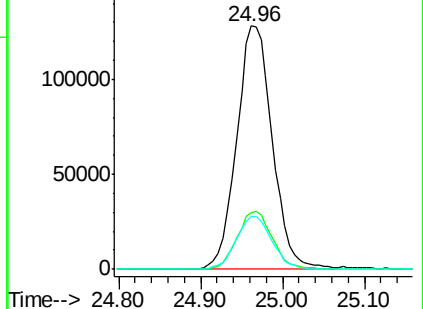
265 21.8 16.8 25.2



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: 37.748 ng

RT: 23.92 min Scan# 3546

Delta R.T. -0.05 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

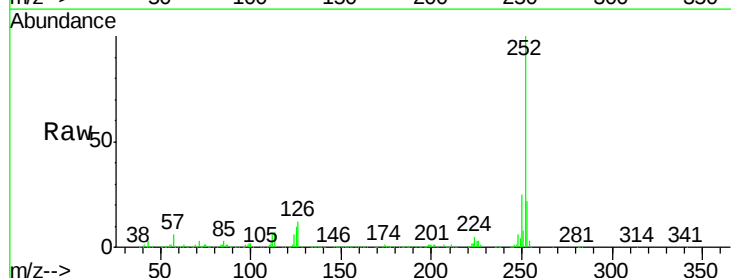
Tgt Ion:252 Resp: 896387

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

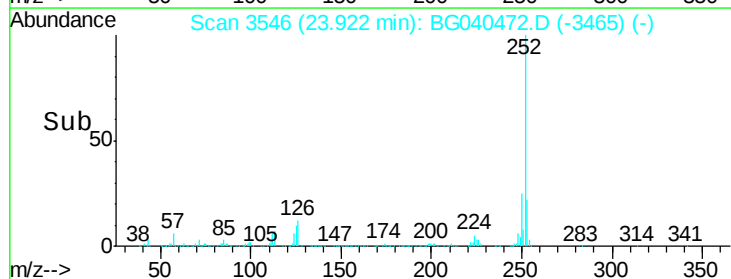
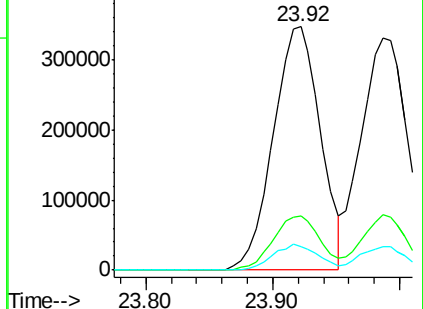
125 9.7 8.2 12.4



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: 38.972 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.06 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

Instrument :

BNA_G

ClientSampleId :

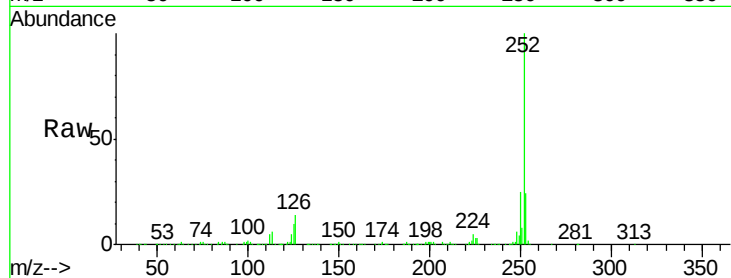
Tot Ion:252 Resp: 851050

Ion Ratio Lower Upper

252 100

253 23.6 18.6 28.0

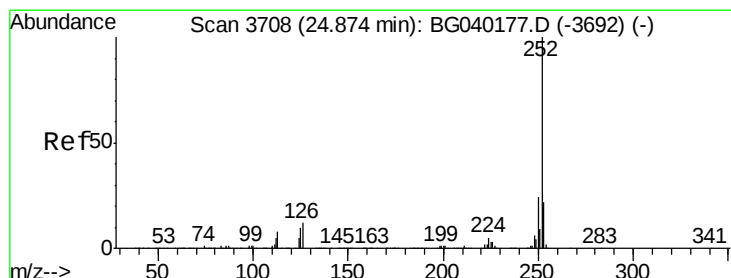
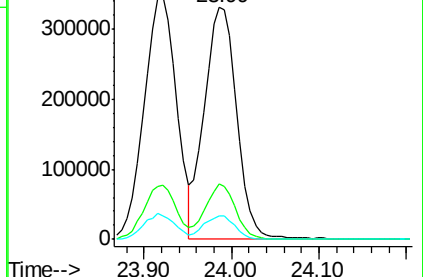
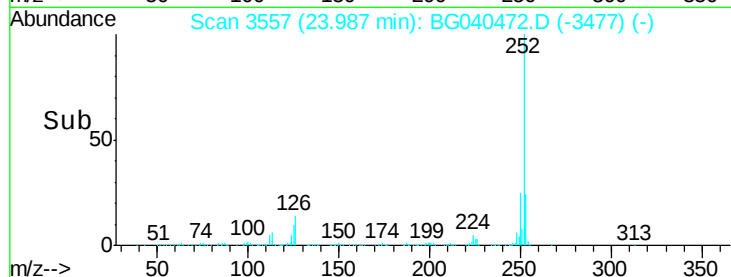
125 10.1 7.3 10.9



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



#90

Benzo(a)pyrene

Concen: 38.593 ng

RT: 24.81 min Scan# 3698

Delta R.T. -0.06 min

Lab File: BG040472.D

Acq: 12 Apr 2019 22:12

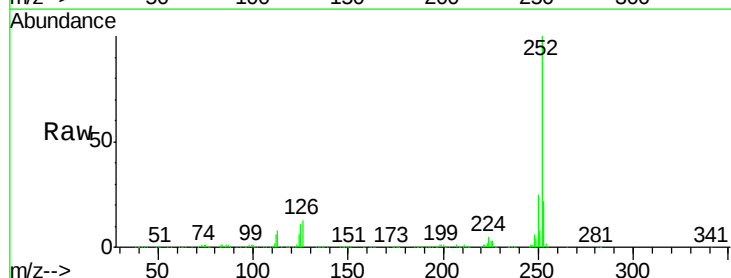
Tgt Ion:252 Resp: 859871

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

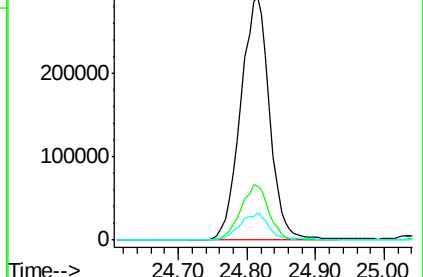
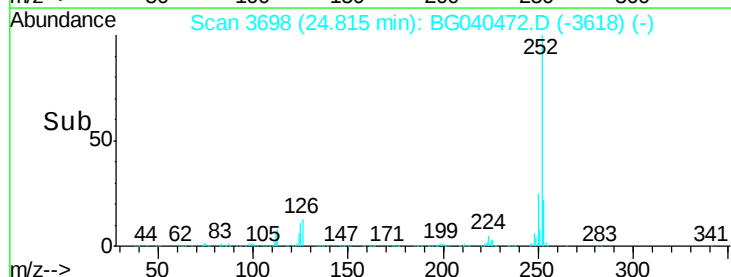
125 11.0 8.3 12.5

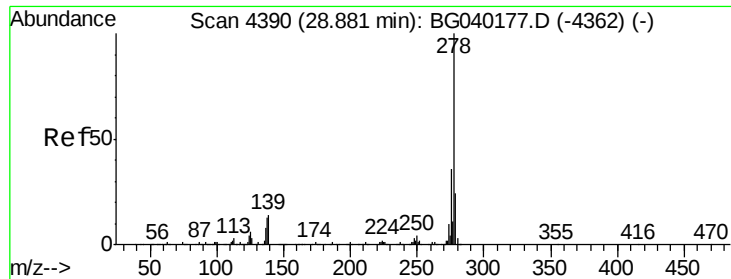


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

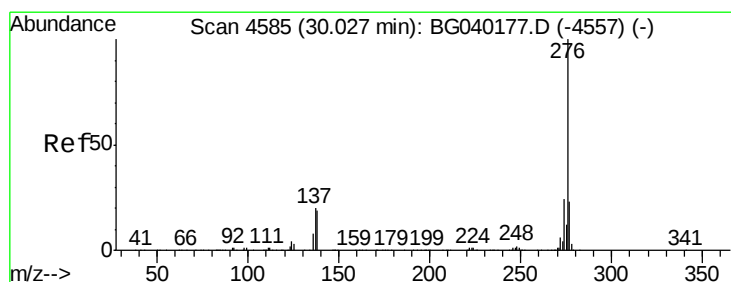
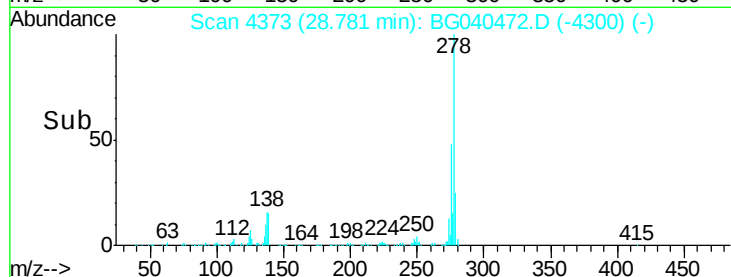
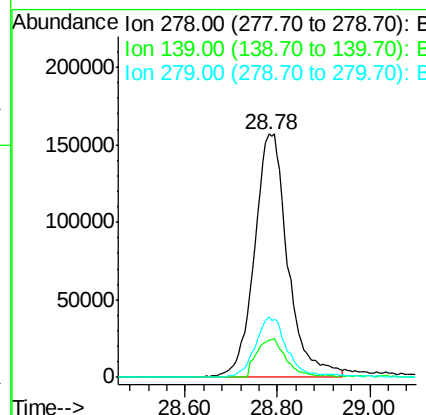
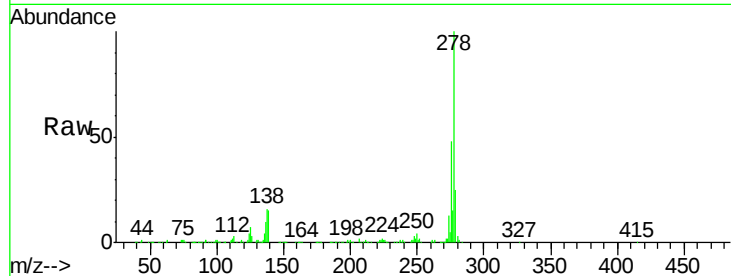




#91
Dibenzo(a,h)anthracene
Concen: 38.133 ng
RT: 28.78 min Scan# 4373
Delta R.T. -0.10 min
Lab File: BG040472.D
Acq: 12 Apr 2019 22:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.2	16.8
279	24.9	18.9	28.3



#92
Benzo(g,h,i)perylene
Concen: 38.028 ng
RT: 29.91 min Scan# 4566
Delta R.T. -0.11 min
Lab File: BG040472.D
Acq: 12 Apr 2019 22:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	20.8	15.2	22.8

