

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041619\
 Data File : BG040513.D
 Acq On : 16 Apr 2019 21:31
 Operator : JU/SJ
 Sample : K2422-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 17 00:52:14 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	8.04	152	4244	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	7412	20.00	ng	-0.03
39) Acenaphthene-d10	14.67	164	4866	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	11375	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	10558	20.00	ng	-0.04
87) Perylene-d12	24.97	264	12862	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	415956	1629.34	ng	-0.02
7) Phenol-d6	7.20	99	589093	1669.68	ng	-0.02
23) Nitrobenzene-d5	9.22	82	354389	2541.42	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	228636	4347.62	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	753403	2294.21	ng	-0.03
79) Terphenyl-d14	20.02	244	1166533	2485.60	ng	-0.03

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.49	88	44981	374.710	ng	# 96
3) Pyridine	3.89	79	116238	359.640	ng	98
4) n-Nitrosodimethylamine	3.82	42	60941	407.616	ng	# 94
6) Aniline	7.37	93	87841	191.631	ng	97
8) 2-Chlorophenol	7.61	128	128339	429.452	ng	98
9) Benzaldehyde	7.19	77	46242	191.072	ng	96
10) Phenol	7.23	94	172757	451.115	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	124940	407.338	ng	99
12) 1,3-Dichlorobenzene	7.93	146	132709	408.510	ng	95
13) 1,4-Dichlorobenzene	8.08	146	132328	408.980	ng	95
14) 1,2-Dichlorobenzene	8.39	146	128633	415.729	ng	98
15) Benzyl Alcohol	8.28	79	112289	395.189	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	244128	414.717	ng	99
17) 2-Methylphenol	8.48	107	116122	438.205	ng	98
18) Hexachloroethane	9.12	117	47286	384.209	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	99882	394.851	ng	97
20) 3+4-Methylphenols	8.81	107	159139	443.297	ng	95
22) Acetophenone	8.87	105	193657	1047.411	ng	99
24) Nitrobenzene	9.26	77	148995	1031.822	ng	94
25) Isophorone	9.77	82	291050	1014.399	ng	97
26) 2-Nitrophenol	9.97	139	72008	1052.403	ng	97
27) 2,4-Dimethylphenol	10.02	122	133724	1230.390	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	175413	1033.366	ng	98
29) 2,4-Dichlorophenol	10.50	162	131275	1112.789	ng	99
30) 1,2,4-Trichlorobenzene	10.71	180	135862	1048.844	ng	98
31) Naphthalene	10.91	128	407328	1072.144	ng	99
32) Benzoic acid	10.18	122	26521	403.876	ng	94
33) 4-Chloroaniline	11.03	127	69518	428.976	ng	97
34) Hexachlorobutadiene	11.17	225	80933	976.936	ng	94
35) Caprolactam	11.81	113	49135	1049.553	ng	92
36) 4-Chloro-3-methylphenol	12.14	107	157852	1163.925	ng	98
37) 2-Methylnaphthalene	12.51	142	305917	1088.741	ng	100
38) 1-Methylnaphthalene	12.72	142	290390	1065.777	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	153984	995.638	ng	99

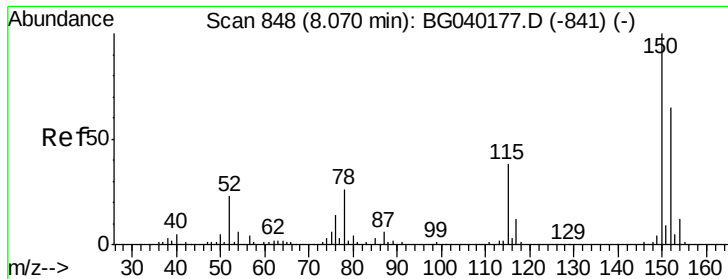
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041619\
 Data File : BG040513.D
 Acq On : 16 Apr 2019 21:31
 Operator : JU/SJ
 Sample : K2422-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 17 00:52:14 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	12.84	237	154286	1816.866	ng	93
43) 2,4,6-Trichlorophenol	13.11	196	107984	1082.945	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	119674	1101.110	ng	99
46) 1,1'-Biphenyl	13.51	154	402169	1046.014	ng	99
47) 2-Chloronaphthalene	13.56	162	302829	1026.823	ng	98
48) 2-Nitroaniline	13.77	65	110997	1115.789	ng	94
49) Acenaphthylene	14.40	152	518845	1037.628	ng	100
50) Dimethylphthalate	14.13	163	564444	1482.134	ng	98
51) 2,6-Dinitrotoluene	14.26	165	93932	1098.482	ng	97
52) Acenaphthene	14.74	154	301972	1053.920	ng	98
53) 3-Nitroaniline	14.59	138	53075	586.364	ng	93
54) 2,4-Dinitrophenol	14.80	184	76058	1672.469	ng	93
55) Dibenzofuran	15.07	168	510513	1108.840	ng	99
56) 4-Nitrophenol	14.90	139	141597	1938.259	ng	99
57) 2,4-Dinitrotoluene	15.04	165	136105	1145.493	ng	98
58) Fluorene	15.72	166	401339	1108.744	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	111268	1128.180	ng	97
60) Diethylphthalate	15.47	149	446312	1145.262	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	213544	1103.660	ng	99
62) 4-Nitroaniline	15.76	138	108721	1119.238	ng	99
63) Azobenzene	16.00	77	417465	1135.678	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	66716	1043.960	ng	98
66) n-Nitrosodiphenylamine	15.93	169	386263	1160.422	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	141821	1107.906	ng	98
68) Hexachlorobenzene	16.71	284	145122	1127.542	ng	95
69) Atrazine	16.87	200	141029	1138.959	ng	97
70) Pentachlorophenol	17.07	266	137209	1843.947	ng	95
71) Phenanthrene	17.47	178	720876	1205.699	ng	98
72) Anthracene	17.55	178	734358	1227.118	ng	100
73) Carbazole	17.83	167	683048	1206.040	ng	99
74) Di-n-butylphthalate	18.36	149	832901	1240.672	ng	99
75) Fluoranthene	19.47	202	869061	1227.525	ng	99
77) Benzidine	19.66	184	170582	447.415	ng	99
78) Pyrene	19.83	202	870157	1253.273	ng	100
80) Butylbenzylphthalate	20.70	149	387647	1304.757	ng	99
81) Benzo(a)anthracene	21.67	228	781561	1201.818	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	151702	613.227	ng	99
83) Chrysene	21.74	228	770519	1232.845	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	561723	1322.634	ng	97
85) Di-n-octyl phthalate	22.76	149	950988	1314.272	ng	100
86) Indeno(1,2,3-cd)pyrene	28.73	276	923660	1208.335	ng	99
88) Benzo(b)fluoranthene	23.92	252	825110	1047.809	ng	100
89) Benzo(k)fluoranthene	23.99	252	814229	1124.378	ng	98
90) Benzo(a)pyrene	24.82	252	816390	1104.956	ng	99
91) Dibenzo(a,h)anthracene	28.79	278	741998	1081.306	ng	98
92) Benzo(g,h,i)perylene	29.92	276	755889	1071.854	ng	100

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

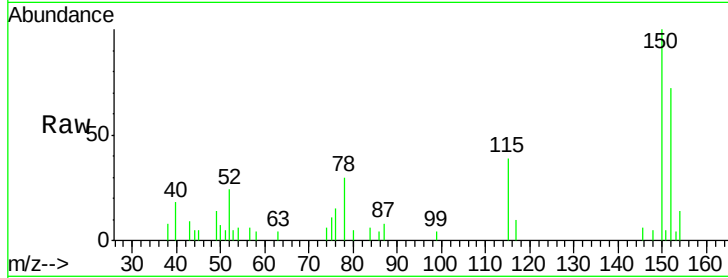


#1

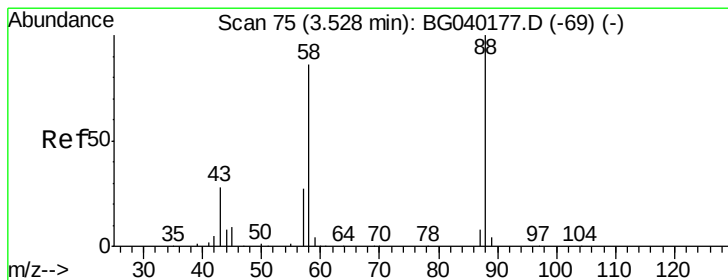
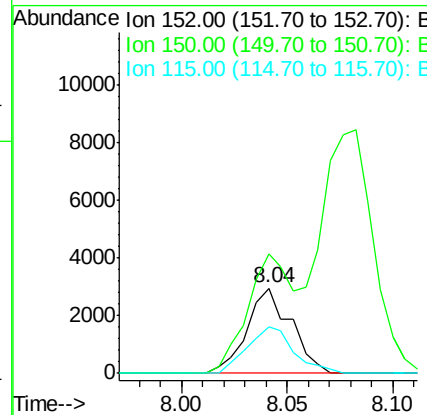
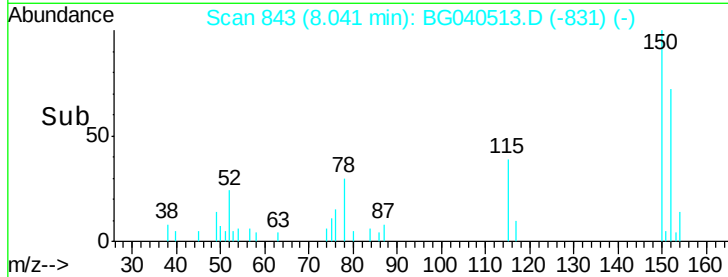
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 4244
Ion Ratio Lower Upper
152 100
150 139.8 123.7 185.5
115 55.0 46.9 70.3



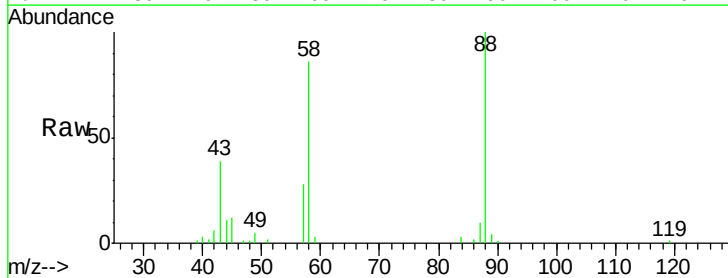
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



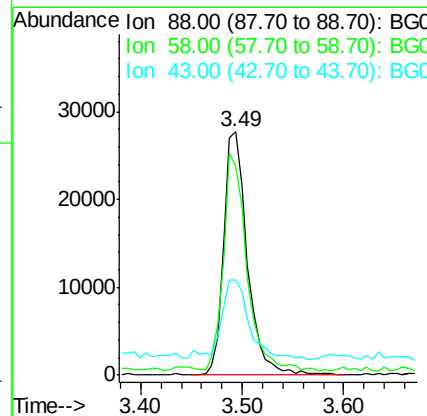
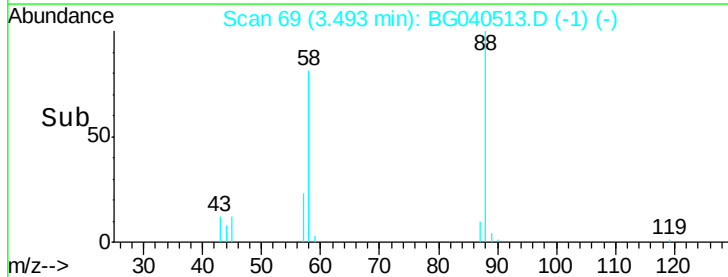
#2

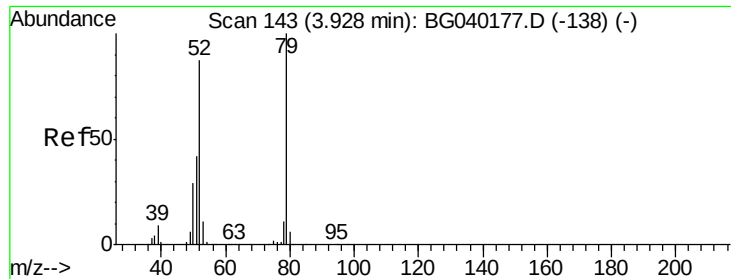
1,4-Dioxane
Concen: 374.710 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Tgt Ion: 88 Resp: 44981
Ion Ratio Lower Upper
88 100
58 89.7 70.6 106.0
43 37.3 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: 359.640 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampleId :

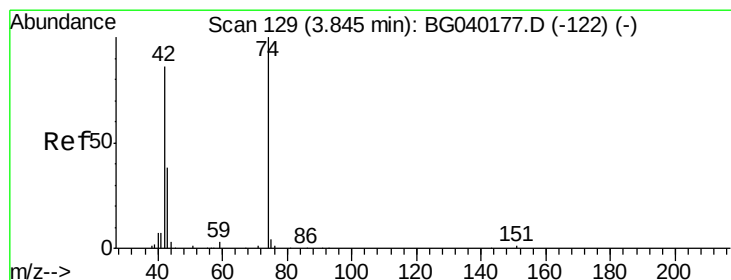
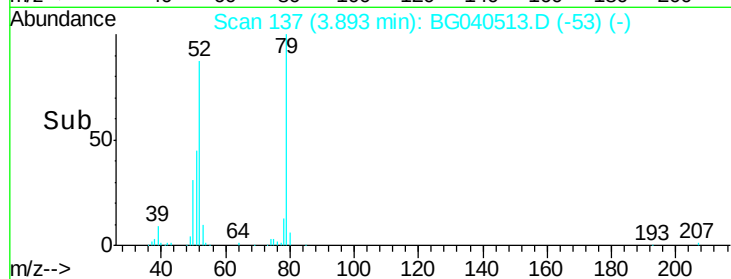
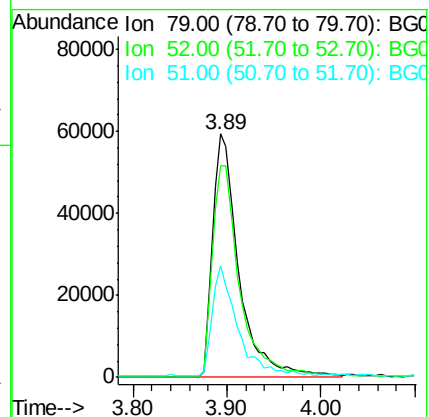
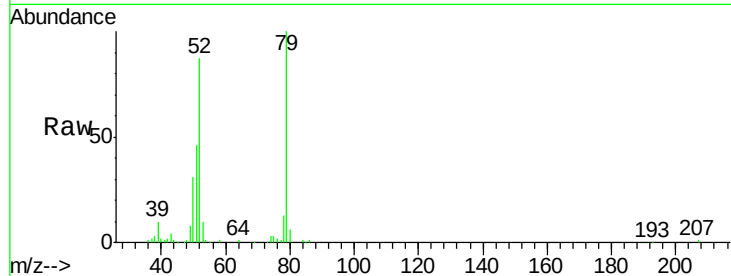
Tot Ion: 79 Resp: 116238

Ion Ratio Lower Upper

79 100

52 86.7 69.8 104.8

51 45.7 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 407.616 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

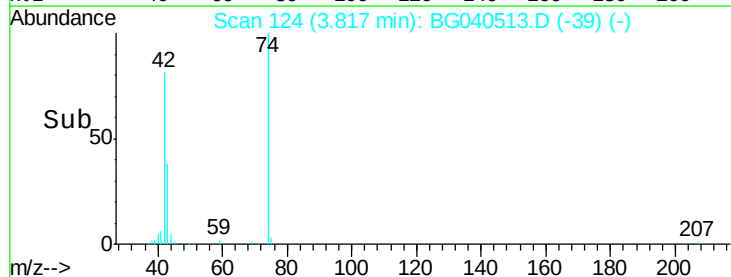
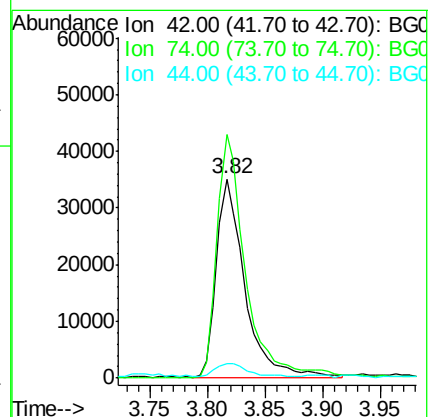
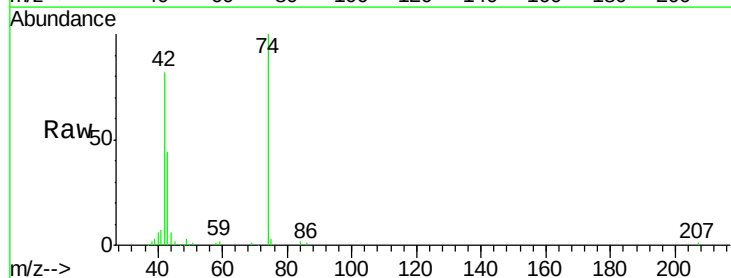
Tgt Ion: 42 Resp: 60941

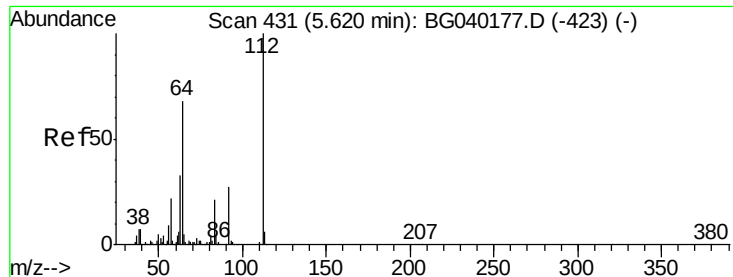
Ion Ratio Lower Upper

42 100

74 122.1 92.9 139.3

44 7.3 9.7 14.5#





#5

2-Fluorophenol

Concen: 1629.336 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampleId :

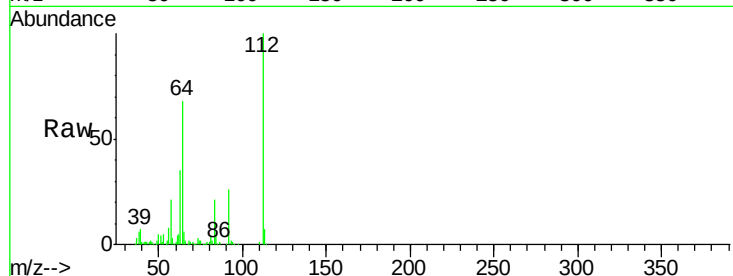
Tot Ion: 112 Resp: 415956

Ion Ratio Lower Upper

112 100

64 67.8 54.2 81.2

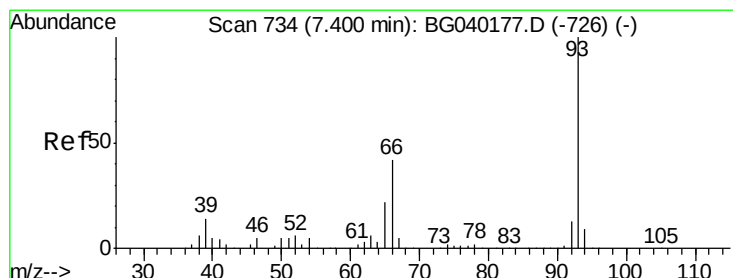
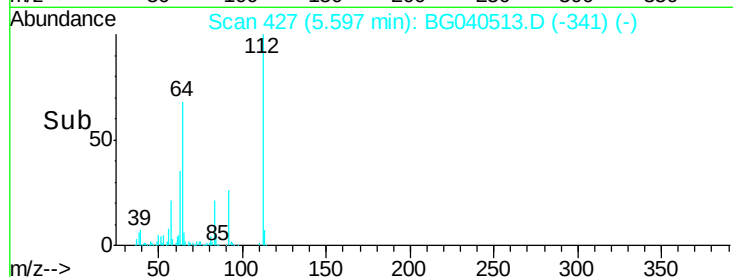
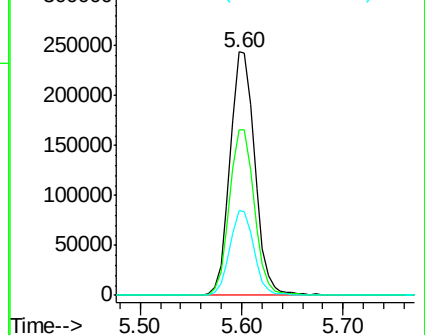
63 35.0 26.4 39.6



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: 191.631 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

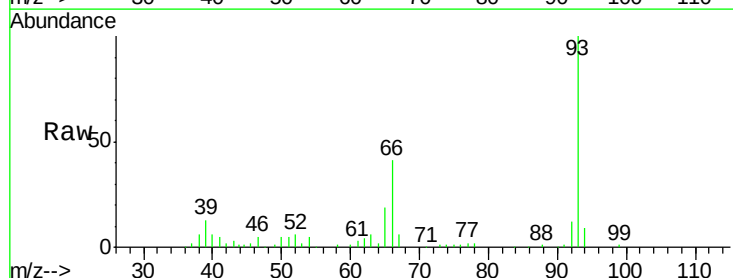
Tgt Ion: 93 Resp: 87841

Ion Ratio Lower Upper

93 100

66 40.7 33.6 50.4

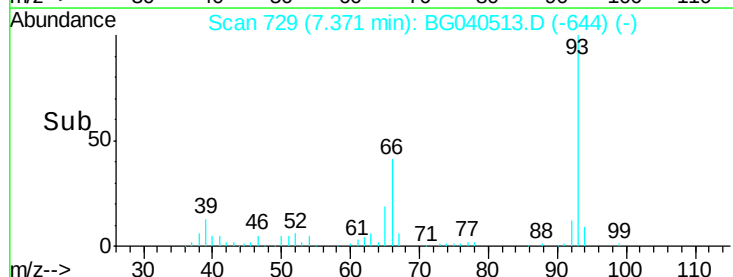
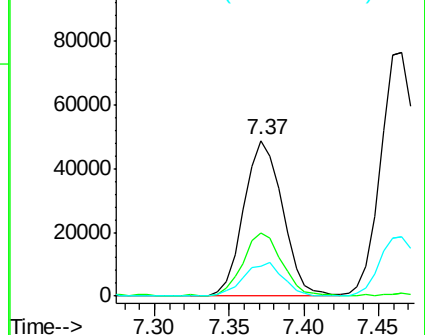
65 19.2 17.4 26.2

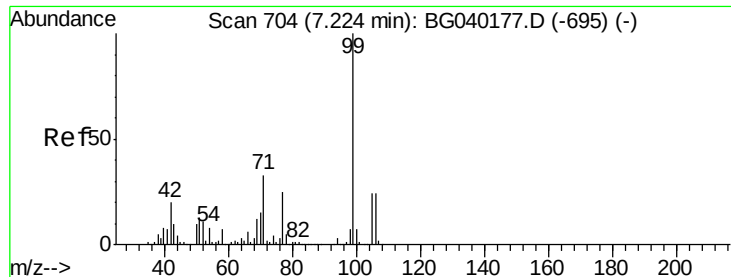


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 1669.683 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampleId :

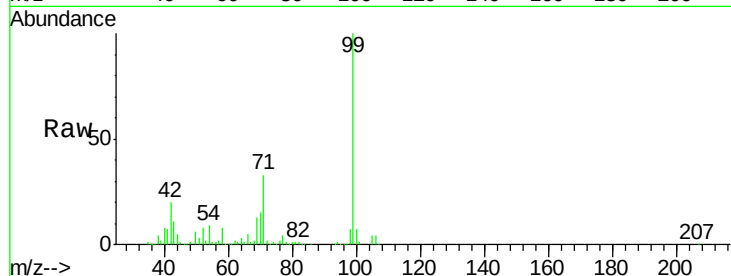
Tot Ion: 99 Resp: 589093

Ion Ratio Lower Upper

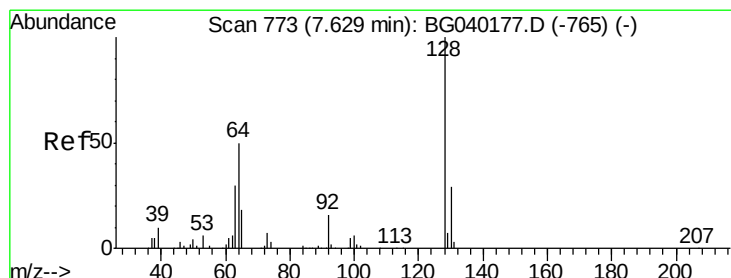
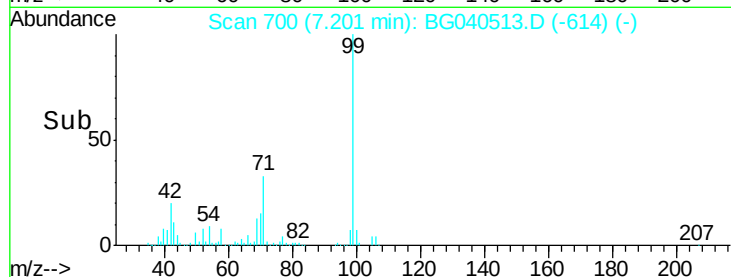
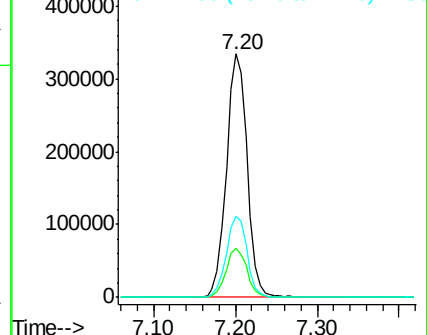
99 100

42 20.2 16.2 24.2

71 33.3 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: 429.452 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

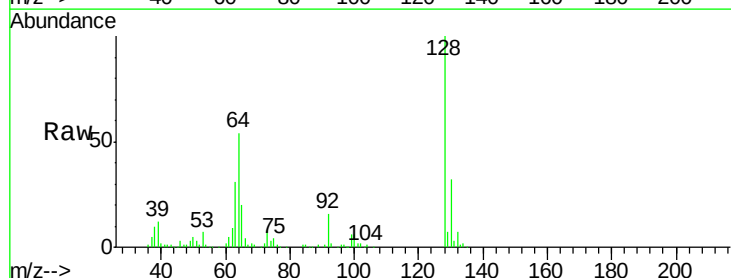
Tgt Ion: 128 Resp: 128339

Ion Ratio Lower Upper

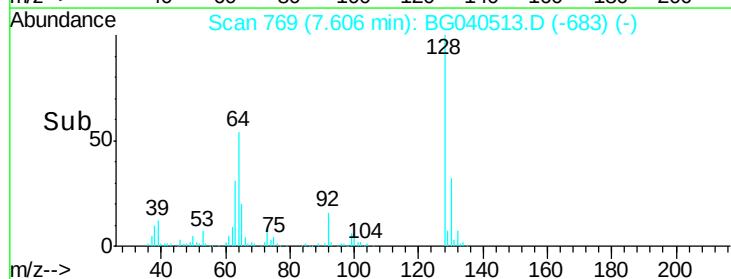
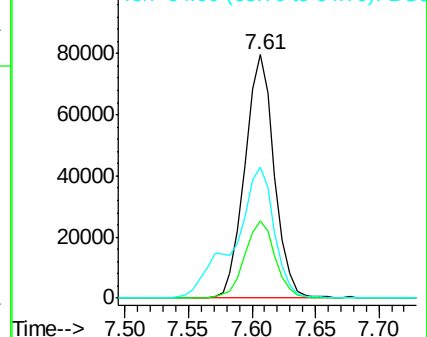
128 100

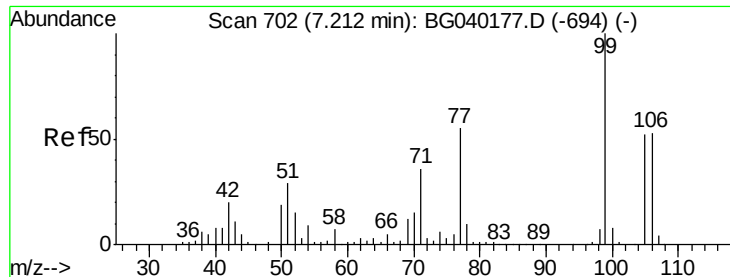
130 31.8 9.1 49.1

64 53.7 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: 191.072 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampleId :

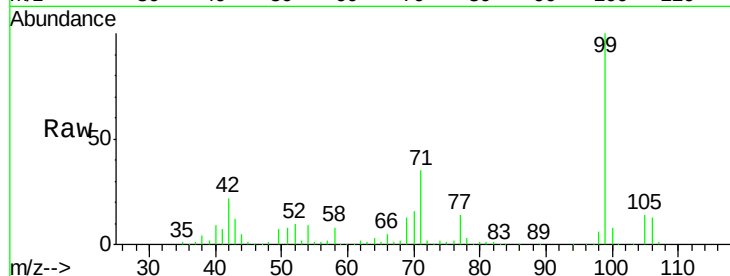
Tot Ion: 77 Resp: 46242

Ion Ratio Lower Upper

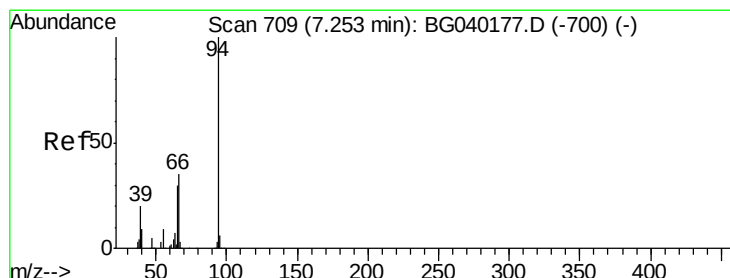
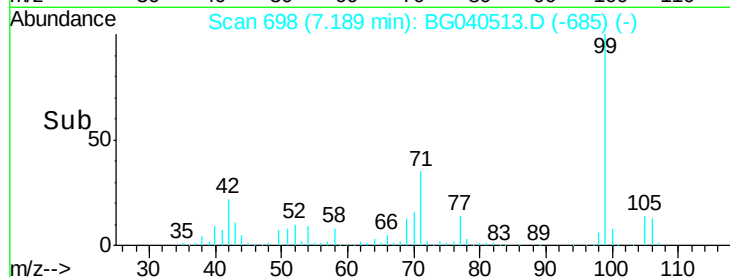
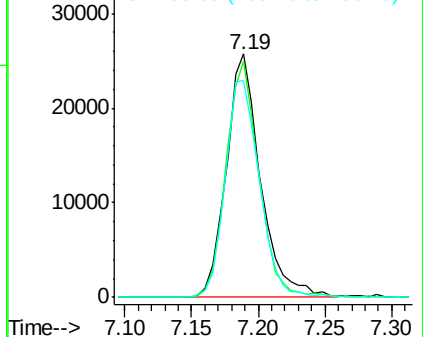
77 100

105 96.7 75.0 115.0

106 89.2 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: 451.115 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

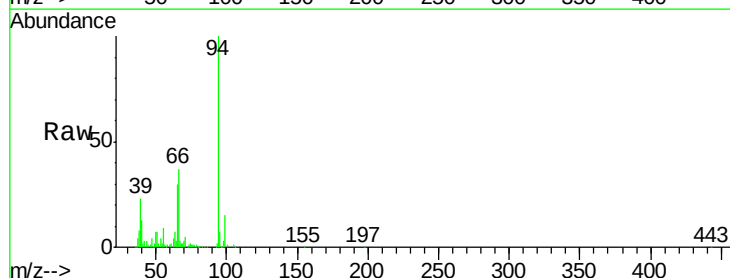
Tgt Ion: 94 Resp: 172757

Ion Ratio Lower Upper

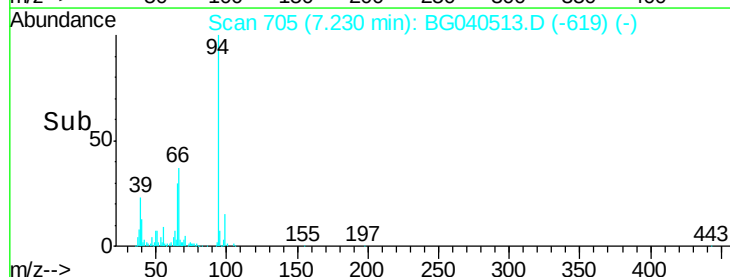
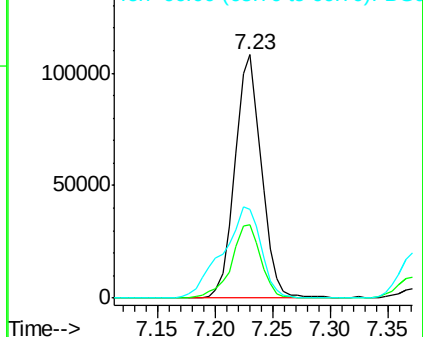
94 100

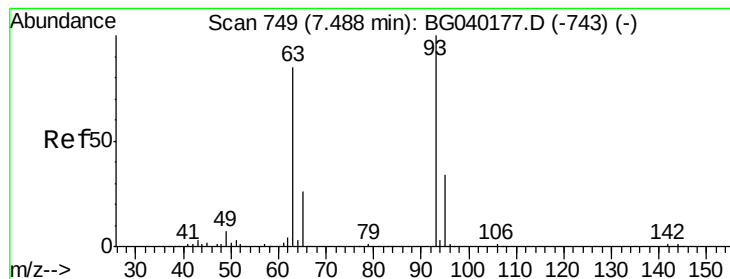
65 29.9 10.5 50.5

66 36.5 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: 407.338 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampleId :

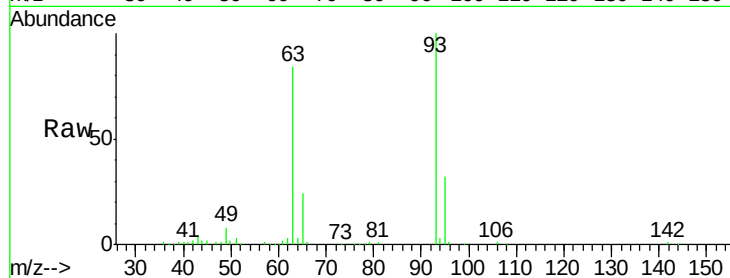
Tot Ion: 93 Resp: 124940

Ion Ratio Lower Upper

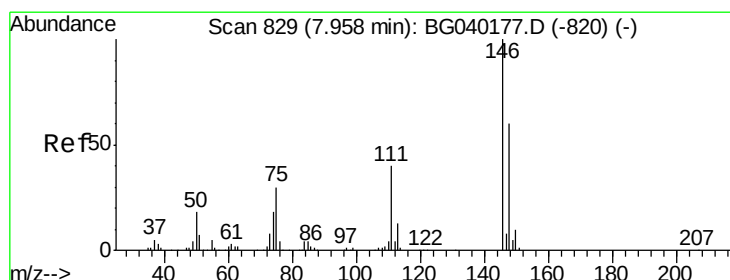
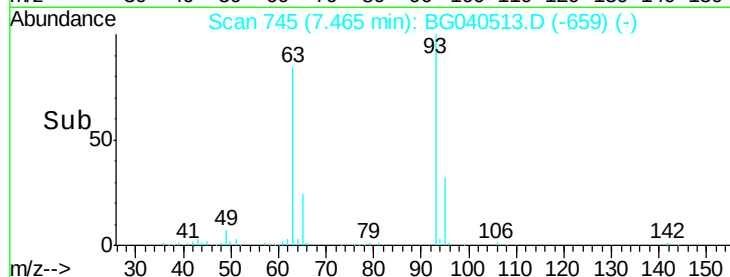
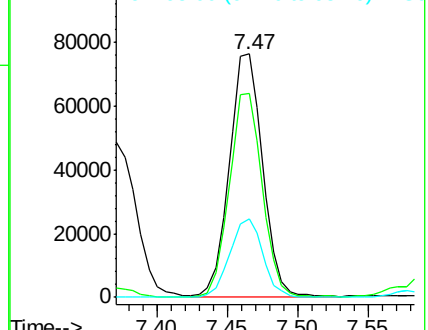
93 100

63 83.6 64.2 104.2

95 32.3 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: 408.510 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

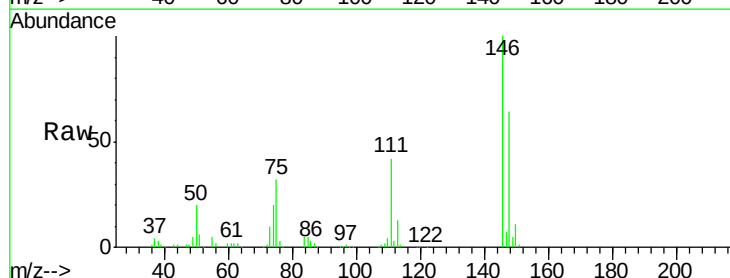
Tgt Ion: 146 Resp: 132709

Ion Ratio Lower Upper

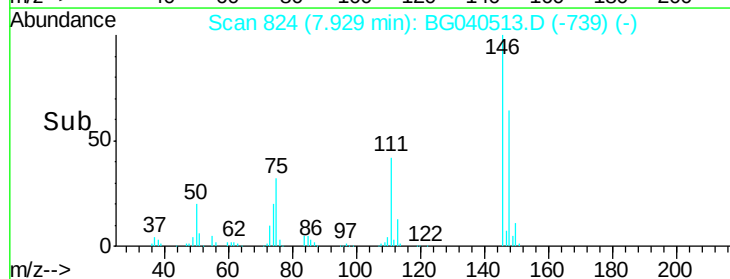
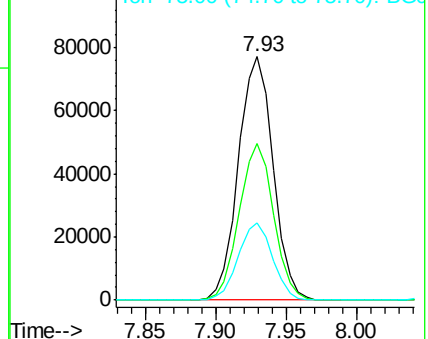
146 100

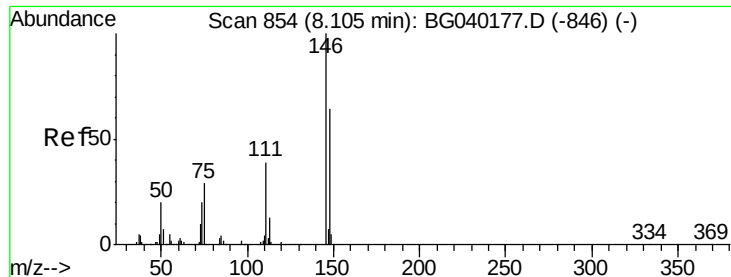
148 64.3 48.2 72.2

75 31.6 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

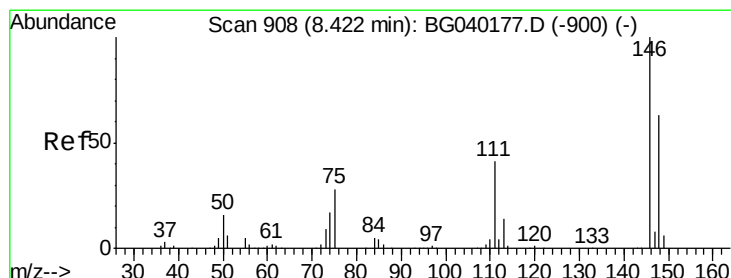
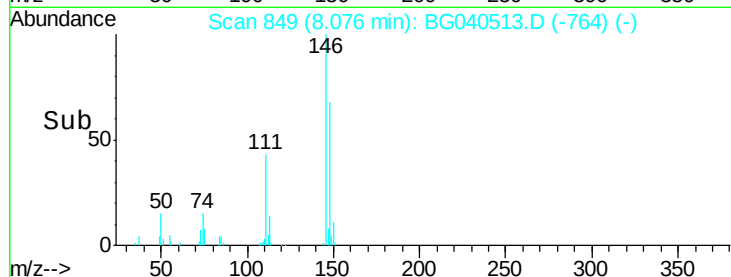
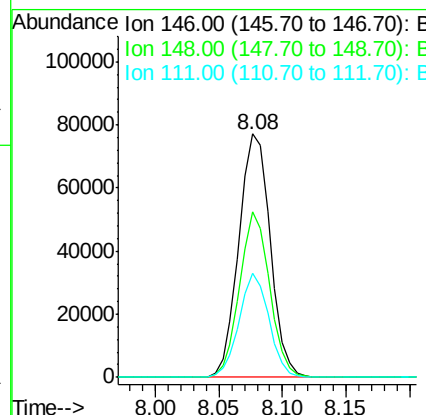
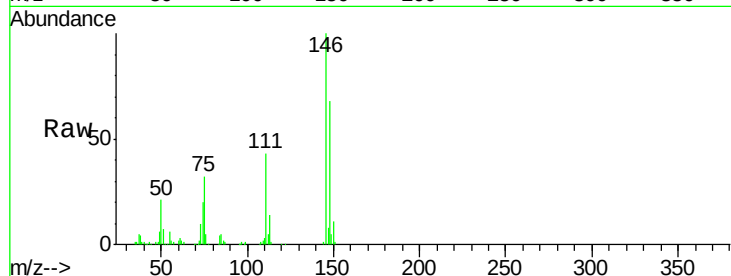




#13
 1,4-Dichlorobenzene
 Concen: 408.980 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

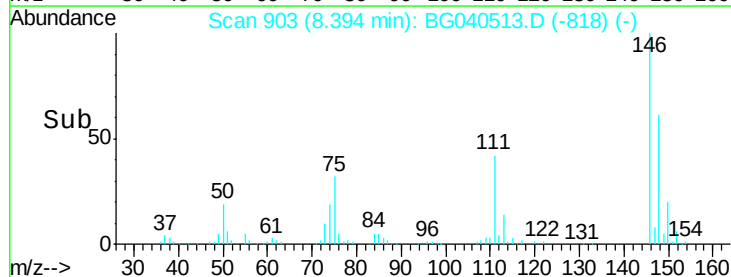
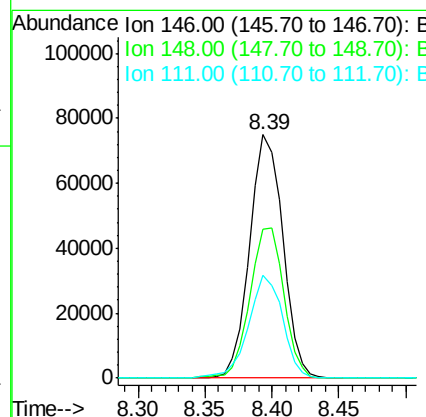
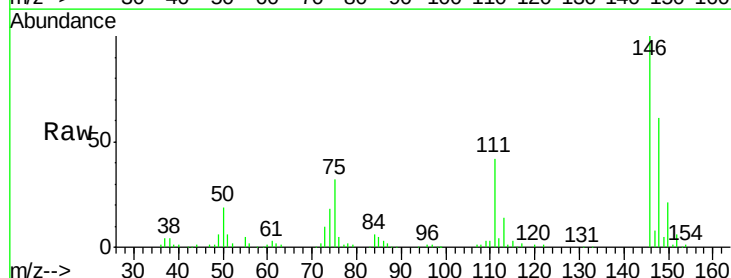
Instrument :
 BNA_G
 ClientSampled :

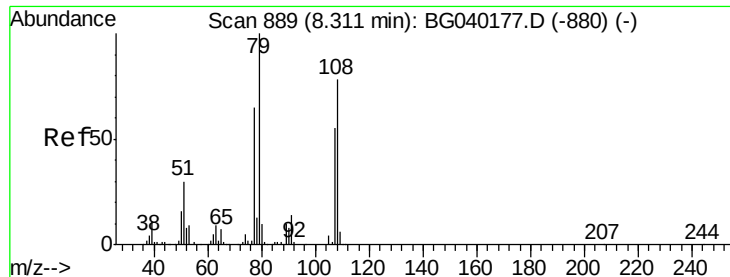
Tot Ion:146 Resp: 132328
 Ion Ratio Lower Upper
 146 100
 148 68.1 51.0 76.4
 111 42.8 31.8 47.6



#14
 1,2-Dichlorobenzene
 Concen: 415.729 ng
 RT: 8.39 min Scan# 903
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Tgt Ion:146 Resp: 128633
 Ion Ratio Lower Upper
 146 100
 148 61.2 50.8 76.2
 111 42.4 33.4 50.0





#15

Benzyl Alcohol

Concen: 395.189 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampleId :

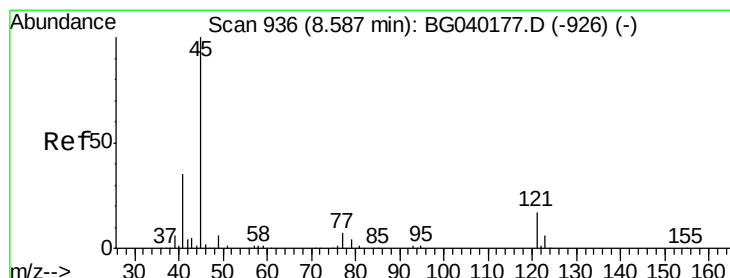
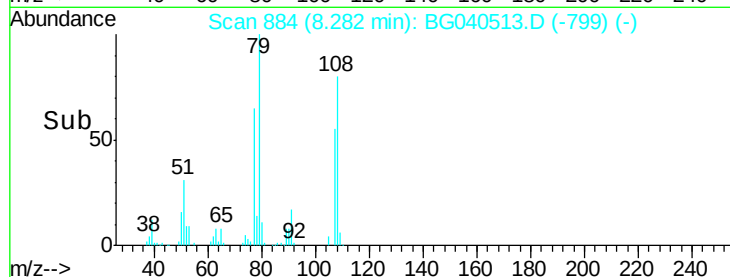
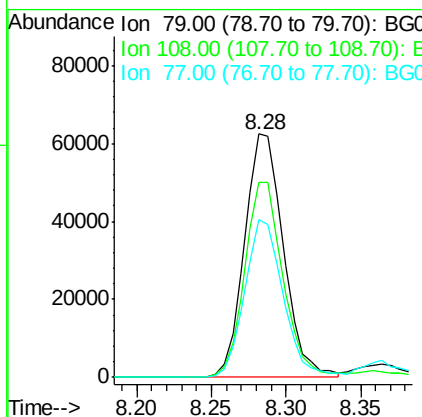
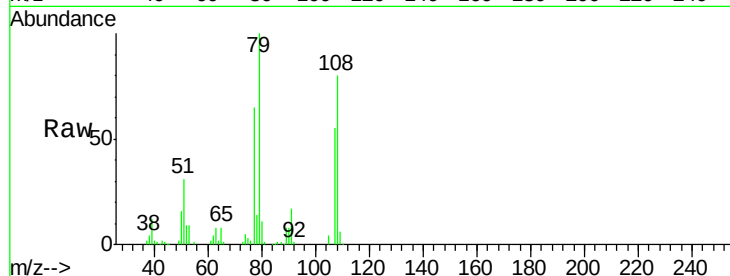
Tot Ion: 79 Resp: 112289

Ion Ratio Lower Upper

79 100

108 80.1 62.1 93.1

77 64.7 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 414.717 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

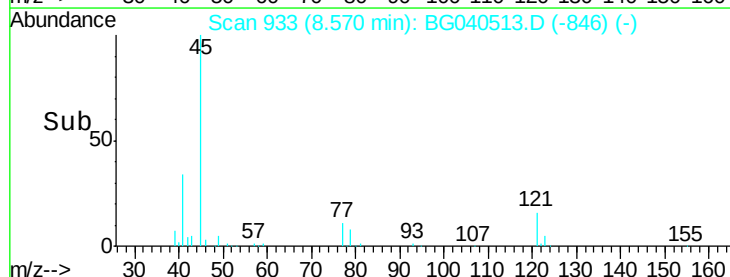
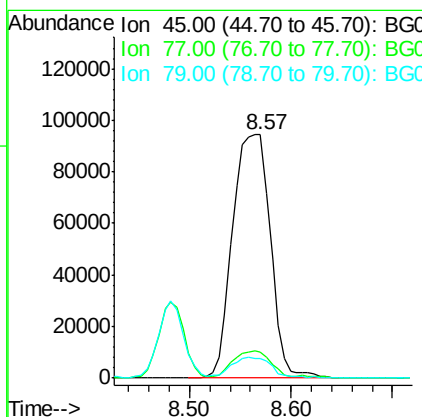
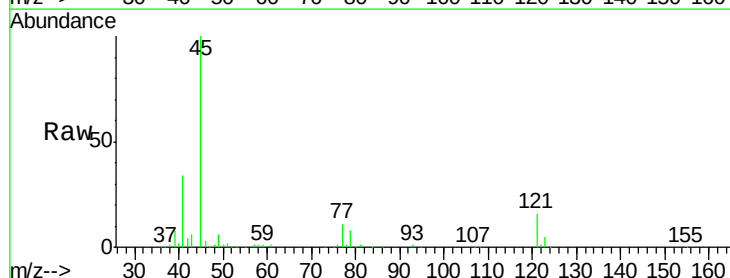
Tgt Ion: 45 Resp: 244128

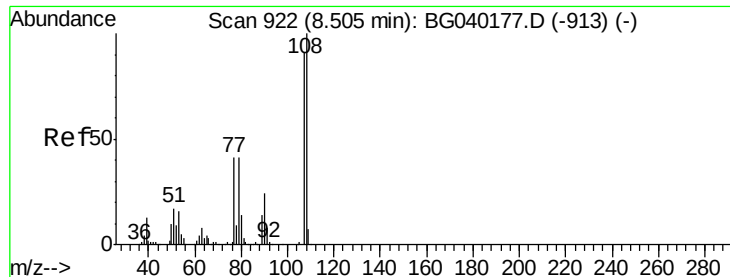
Ion Ratio Lower Upper

45 100

77 10.7 0.0 31.4

79 8.1 0.0 28.3





#17

2-Methylphenol

Concen: 438.205 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 116122

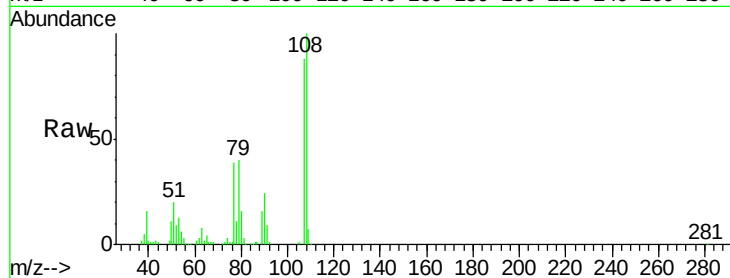
Ion Ratio Lower Upper

107 100

108 113.6 88.2 132.4

77 44.6 36.6 55.0

79 44.9 36.5 54.7



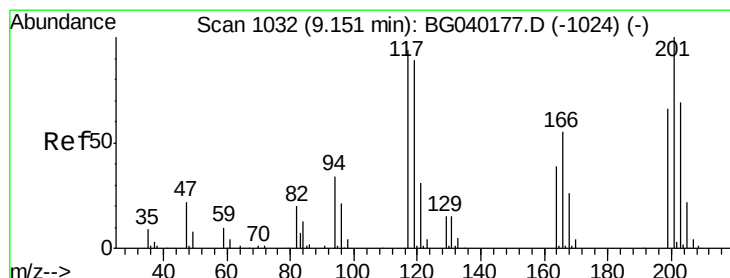
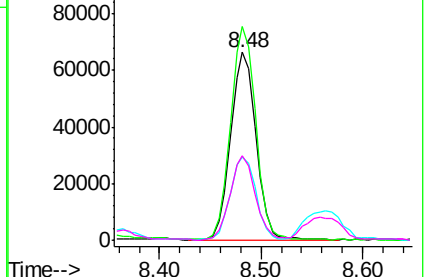
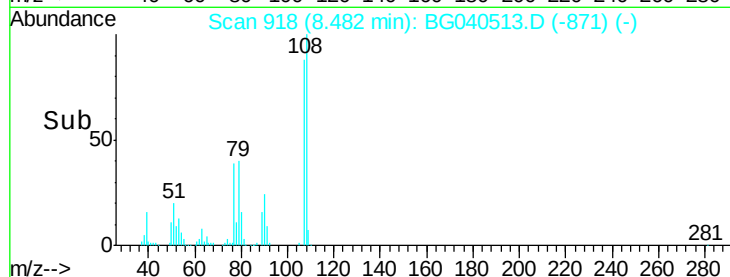
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG

Time-->



#18

Hexachloroethane

Concen: 384.209 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

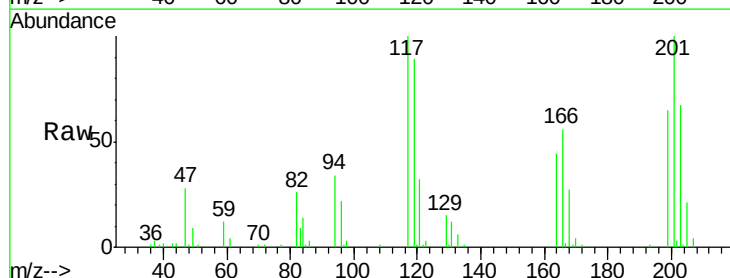
Tgt Ion:117 Resp: 47286

Ion Ratio Lower Upper

117 100

119 90.3 76.6 115.0

201 100.2 85.0 127.4

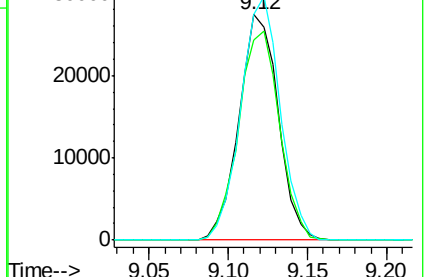
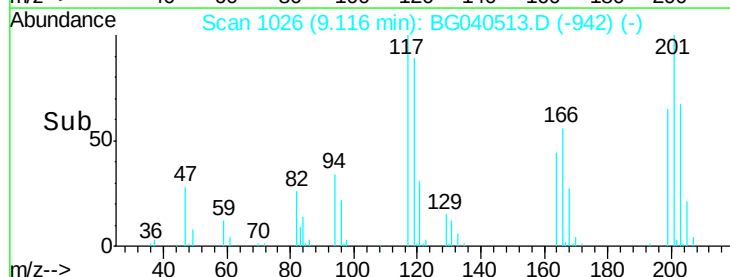


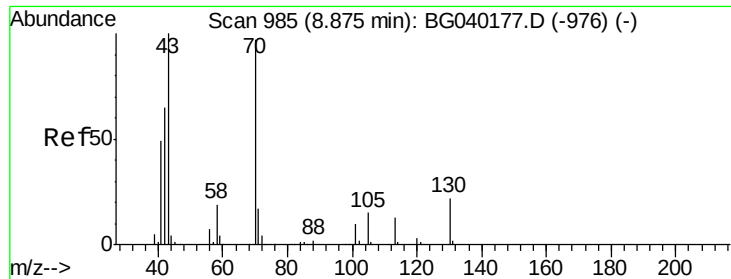
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

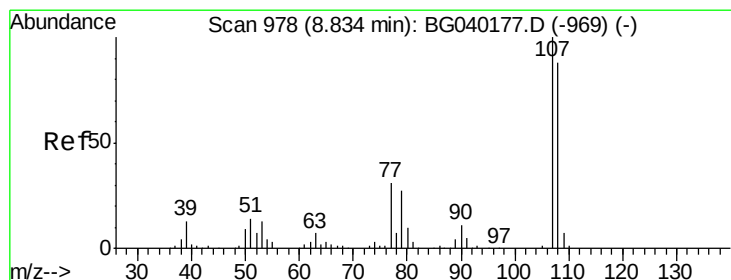
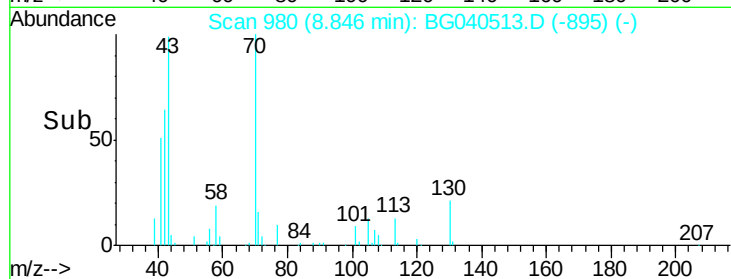
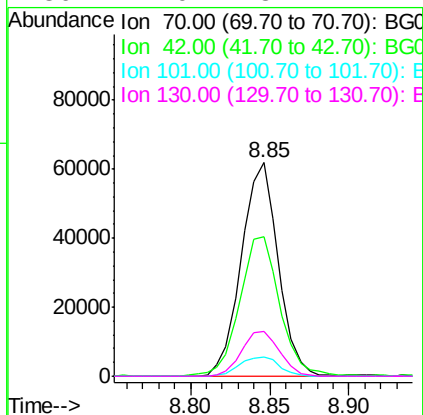
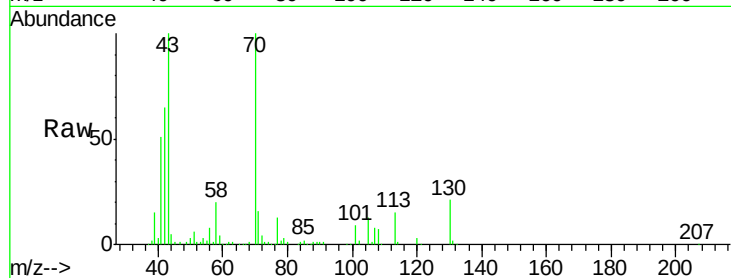




#19
n-Nitroso-di-n-propylamine
Concen: 394.851 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

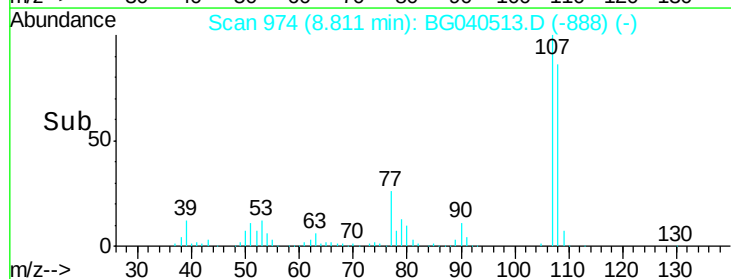
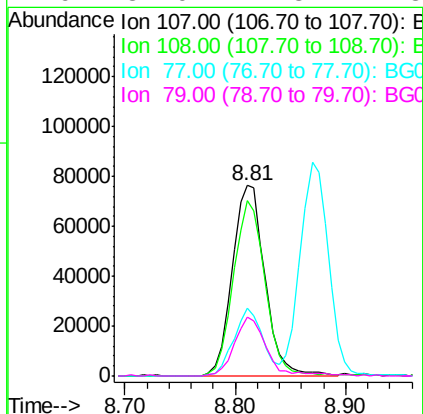
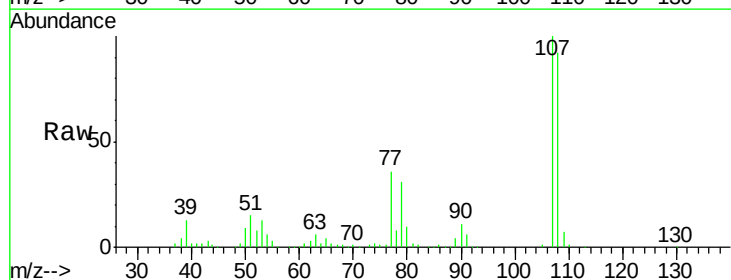
Instrument :
BNA_G
ClientSampled :

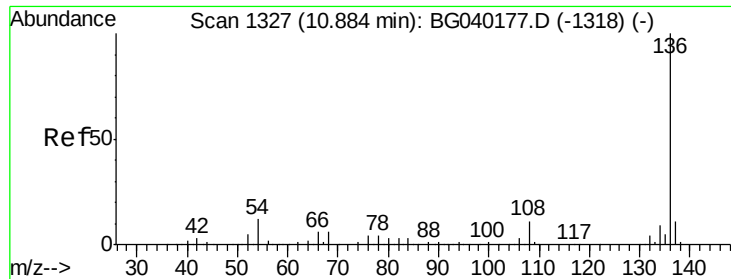
Tot Ion:	70	Resp:	99882
Ion	Ratio	Lower	Upper
70	100		
42	65.3	54.0	81.0
101	9.2	8.6	13.0
130	21.0	18.2	27.2



#20
3+4-Methylphenols
Concen: 443.297 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.02 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Tgt Ion:	107	Resp:	159139
Ion	Ratio	Lower	Upper
107	100		
108	92.1	68.3	108.3
77	35.8	11.3	51.3
79	31.0	7.3	47.3

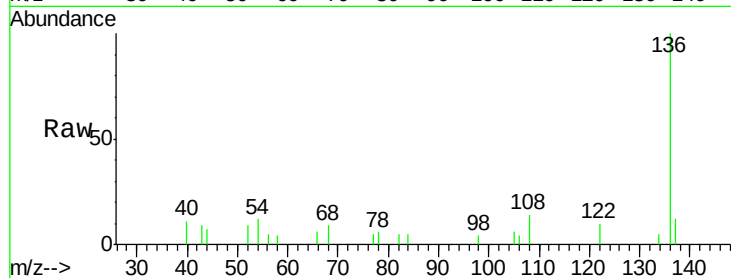




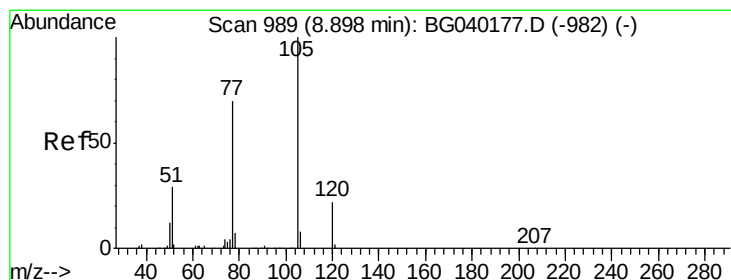
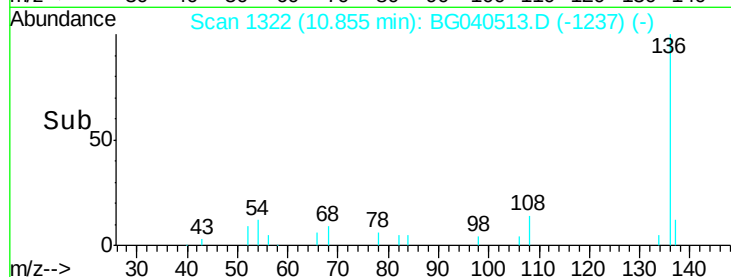
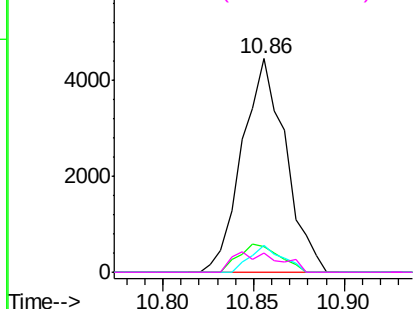
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	7412
Ion Ratio	Lower	Upper
136	100	
137	11.7	8.9 13.3
54	12.5	9.6 14.4
68	8.8	5.1 7.7#

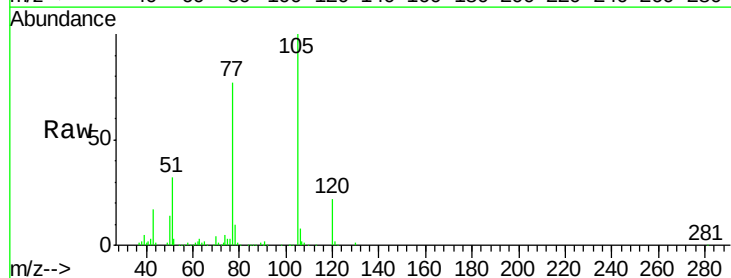


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

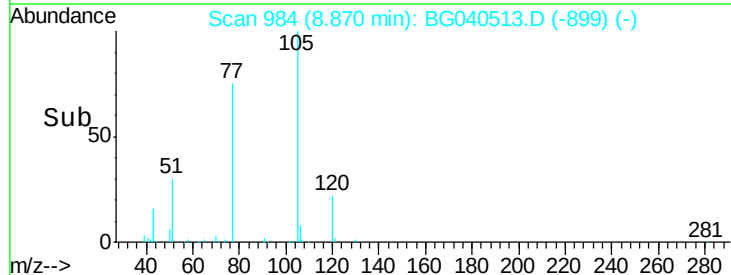
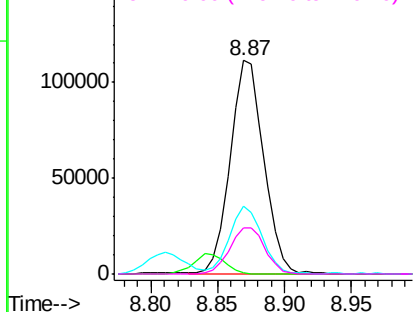


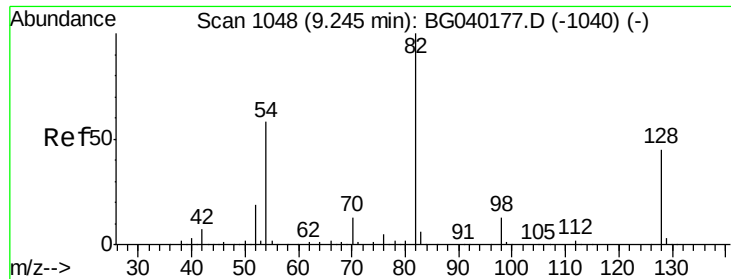
#22
Acetophenone
Concen: 1047.411 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Tgt Ion:105	Resp:	193657
Ion Ratio	Lower	Upper
105	100	
71	0.7	0.6 1.0
51	31.8	25.1 37.7
120	21.8	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

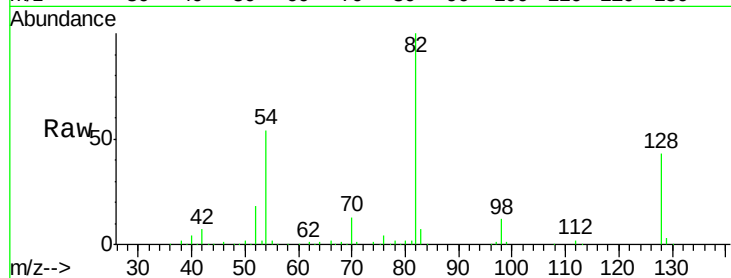




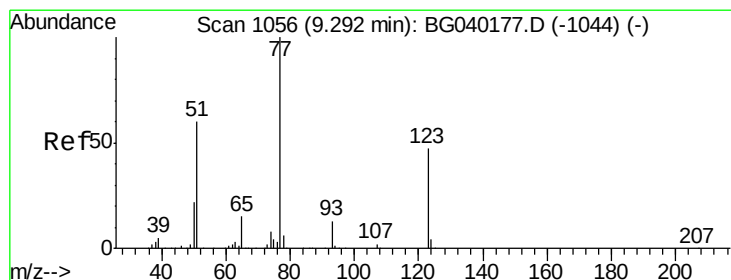
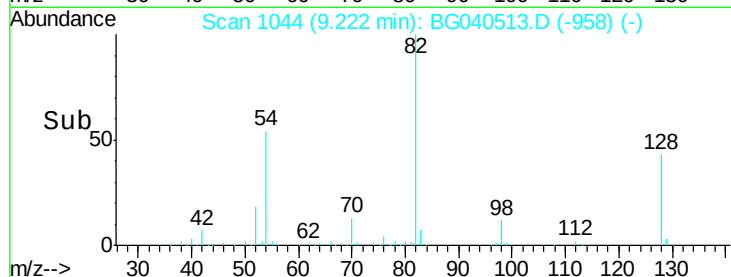
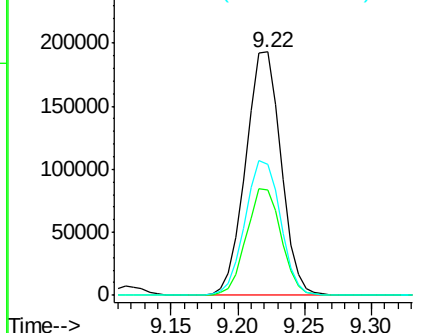
#23
 Nitrobenzene-d5
 Concen: 2541.416 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82.00	Resp	354389
Ion Ratio	Lower	Upper	
82	100		
128	43.1	35.8	53.8
54	54.0	46.2	69.2

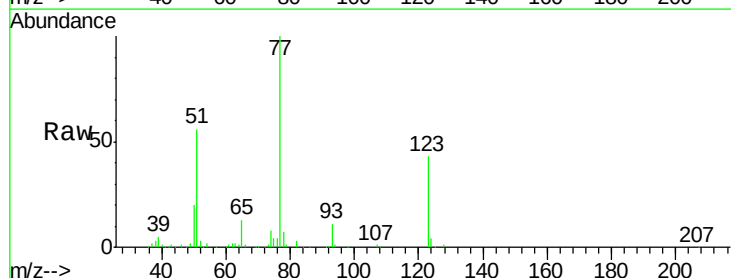


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

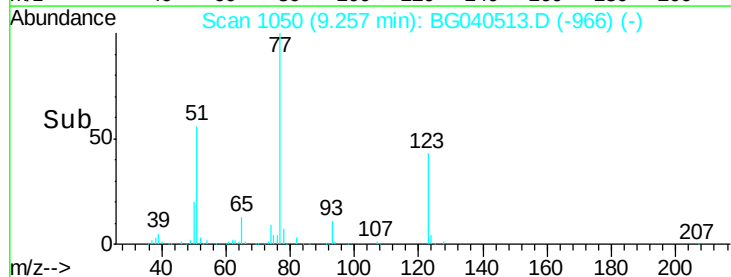
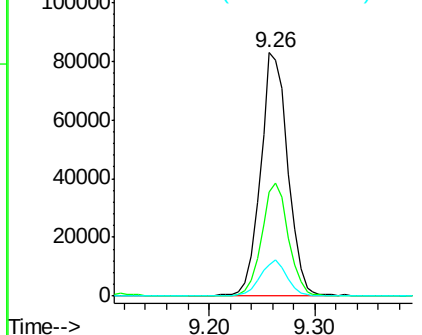


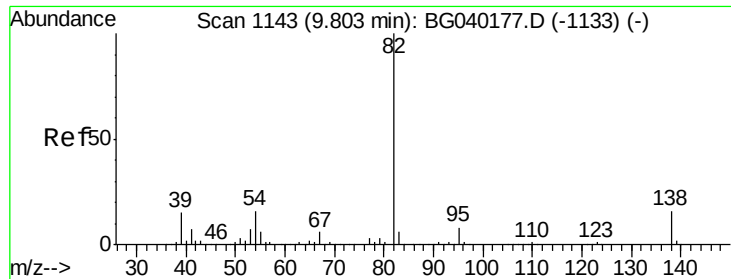
#24
 Nitrobenzene
 Concen: 1031.822 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Tgt Ion	77.00	Resp	148995
Ion Ratio	Lower	Upper	
77	100		
123	43.0	37.8	56.6
65	12.7	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: 1014.399 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampleId :

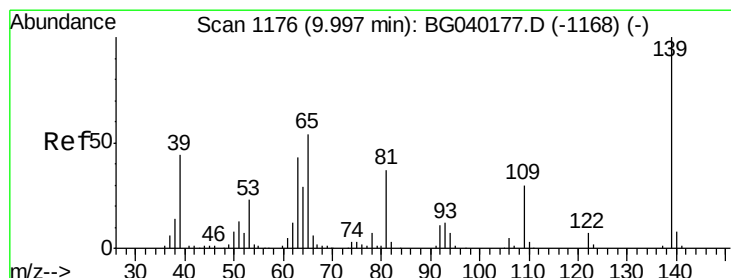
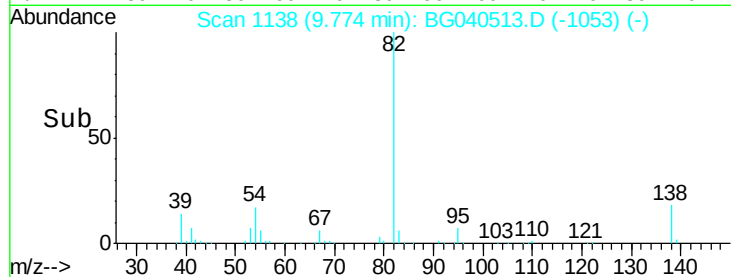
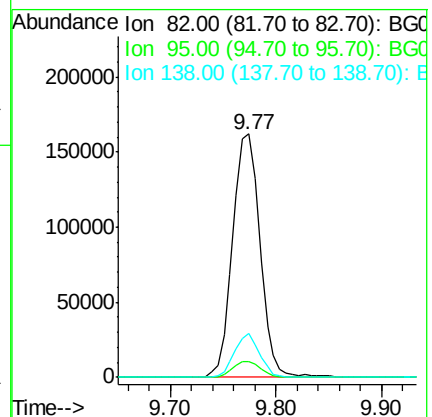
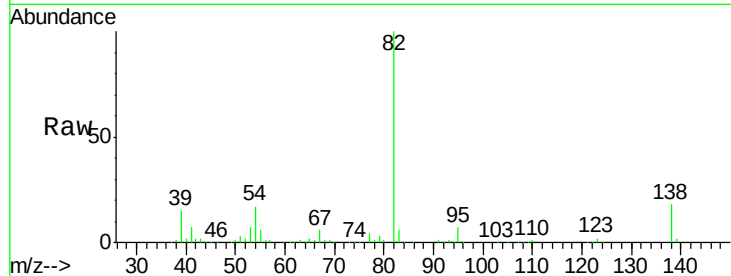
Tot Ion: 82 Resp: 291050

Ion Ratio Lower Upper

82 100

95 6.6 6.1 9.1

138 17.8 13.2 19.8



#26

2-Nitrophenol

Concen: 1052.403 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

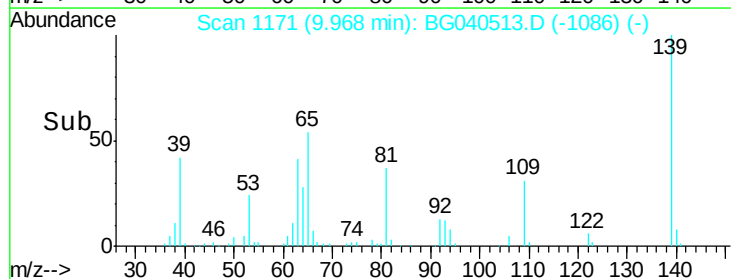
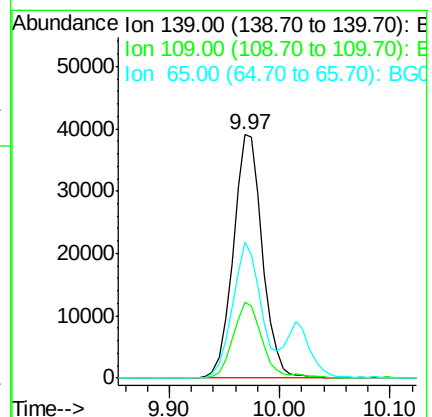
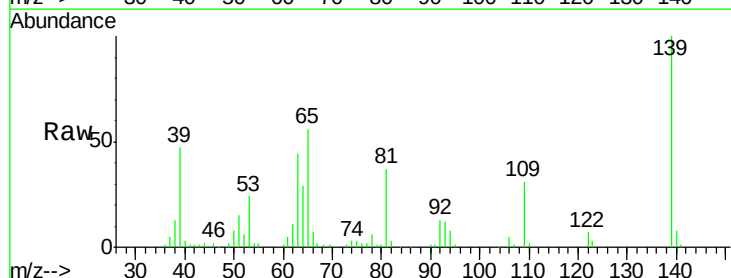
Tgt Ion: 139 Resp: 72008

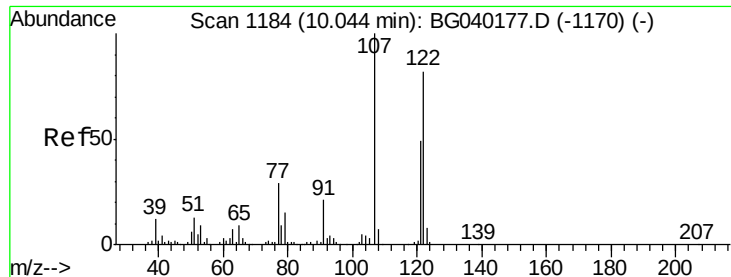
Ion Ratio Lower Upper

139 100

109 31.4 24.1 36.1

65 56.1 43.0 64.6

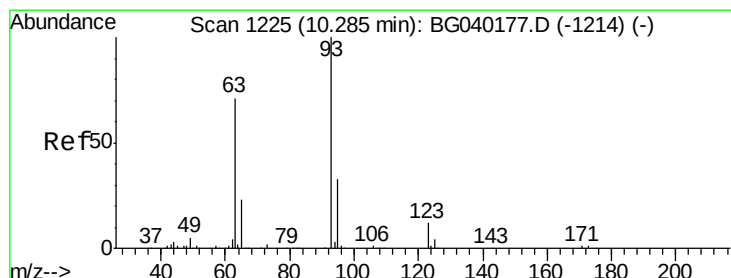
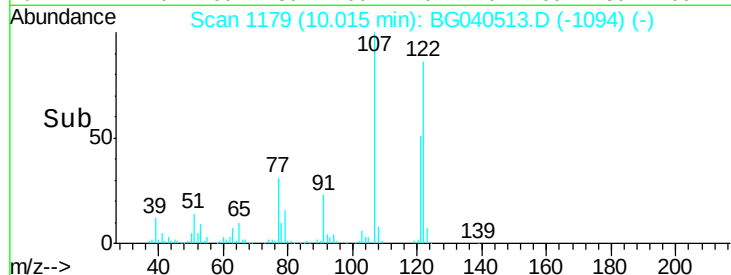
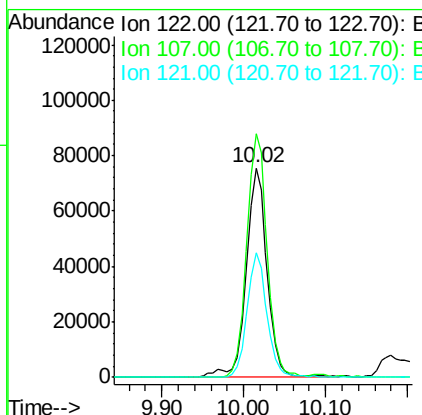
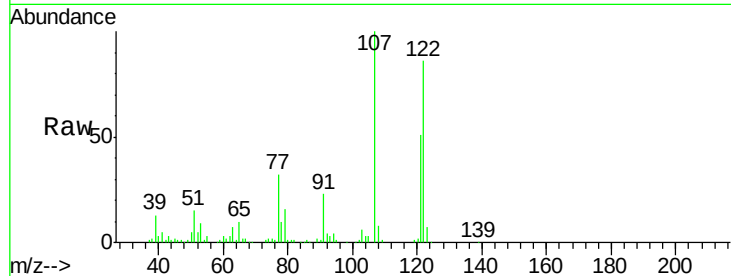




#27
 2,4-Dimethylphenol
 Concen: 1230.390 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

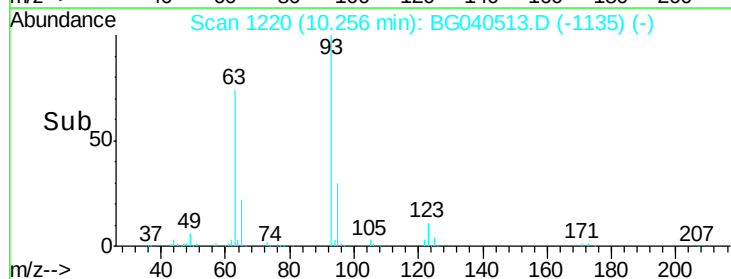
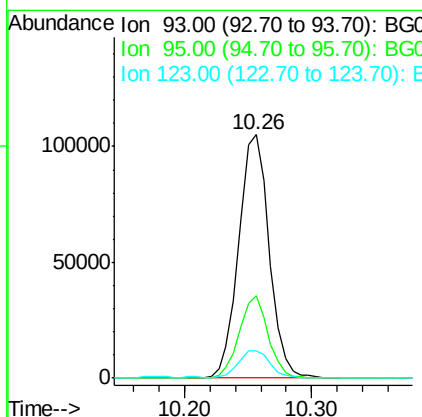
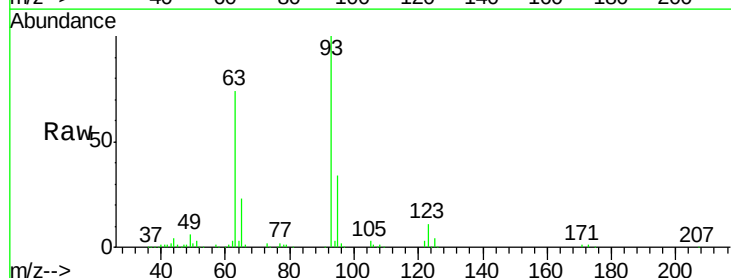
Instrument :
 BNA_G
 ClientSampled :

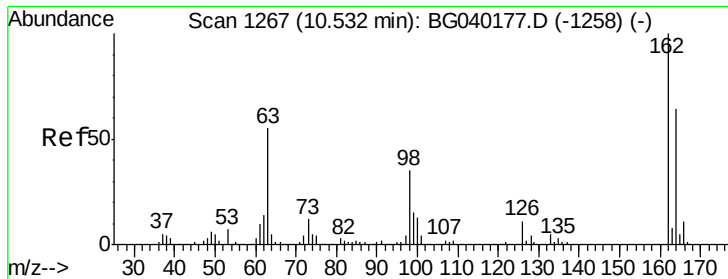
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.1	97.4	146.2
121	59.3	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 1033.366 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	26.2	39.4
123	11.4	9.4	14.0

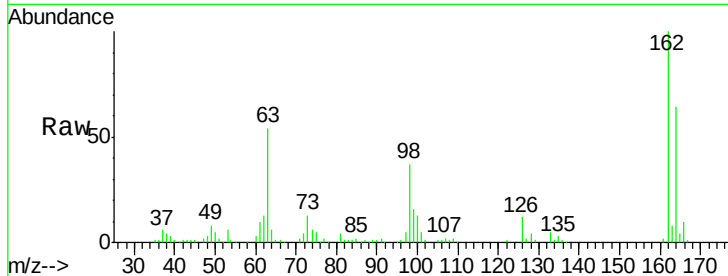




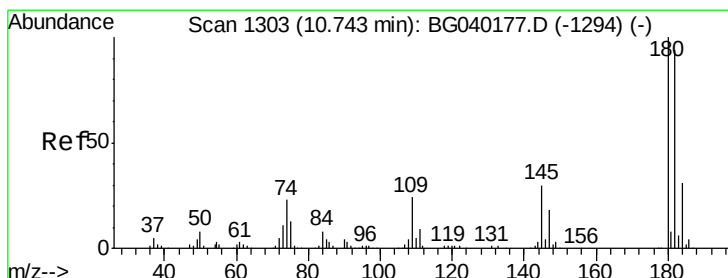
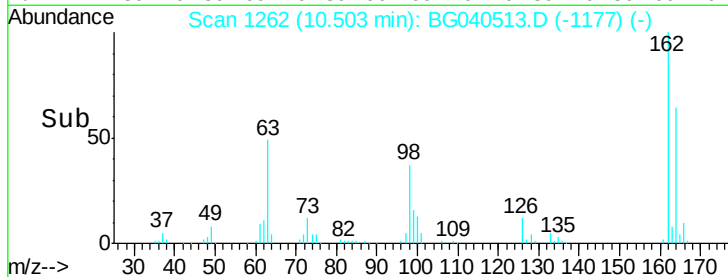
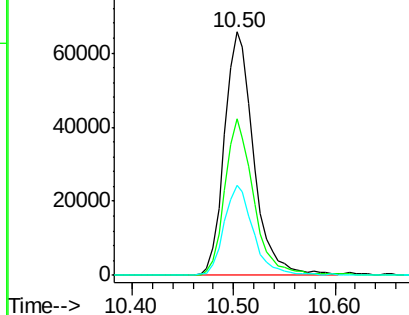
#29
 2,4-Dichlorophenol
 Concen: 1112.789 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.9	83.9
98	36.8	15.6	55.6

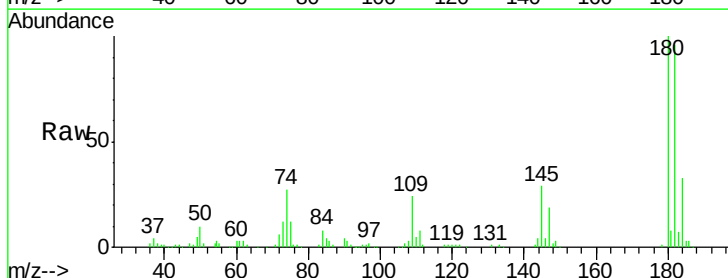


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

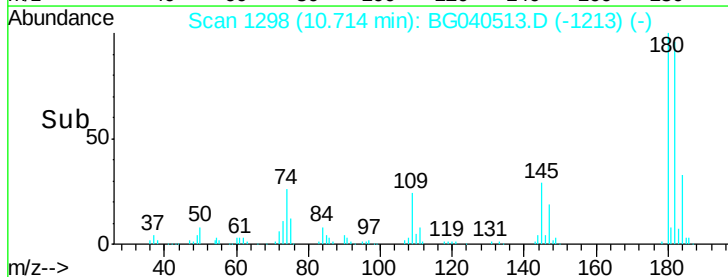
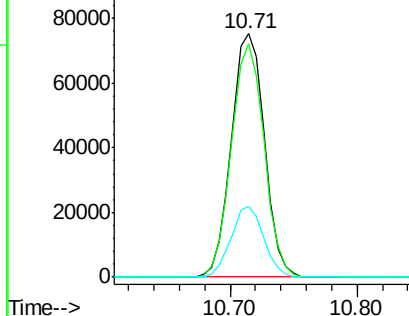


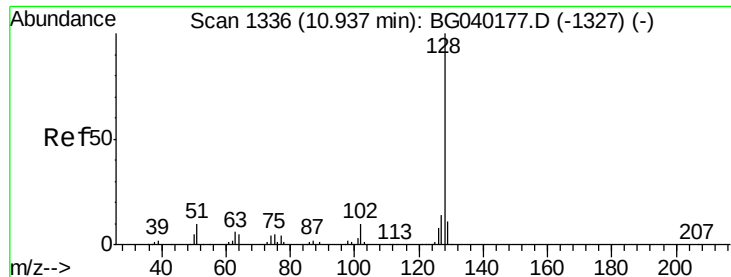
#30
 1,2,4-Trichlorobenzene
 Concen: 1048.844 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.1	112.7
145	29.0	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

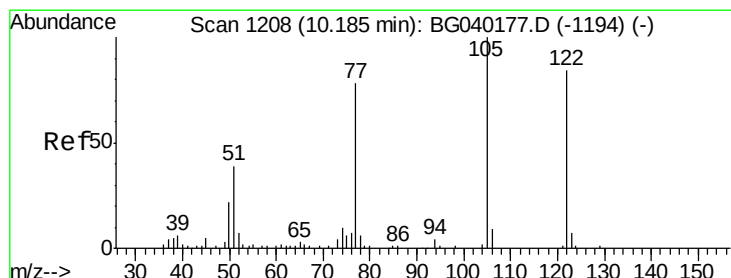
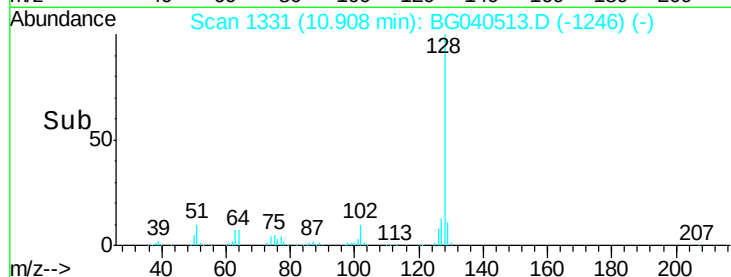
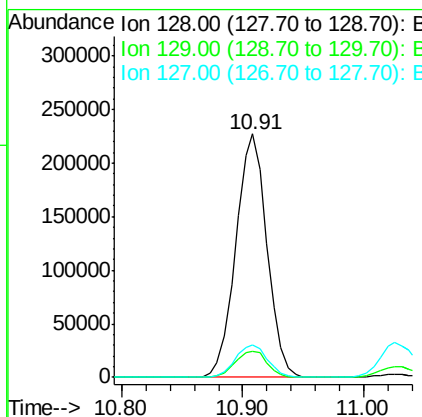
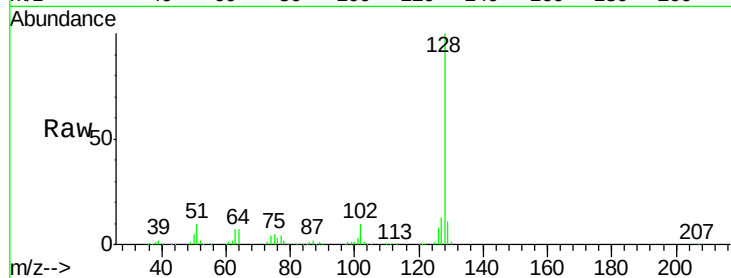




#31
Naphthalene
Concen: 1072.144 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

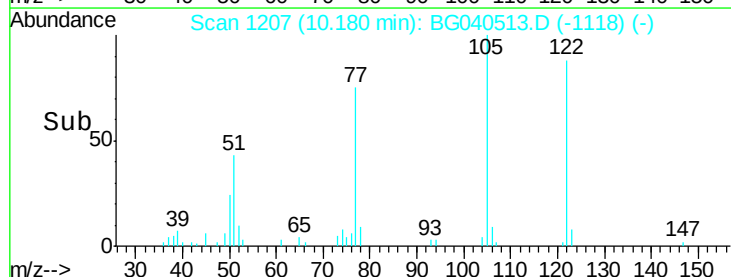
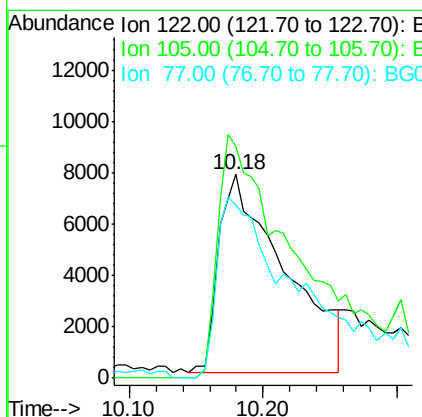
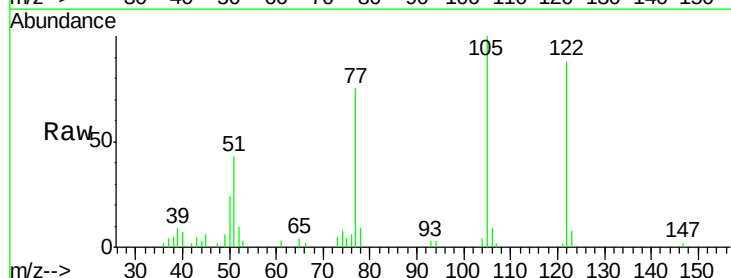
Instrument :
BNA_G
ClientSampleId :

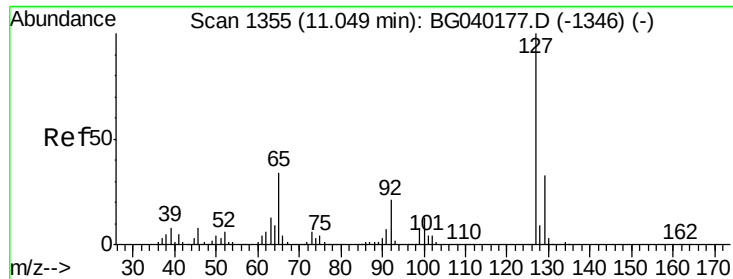
Tot Ion:128 Resp: 407328
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.5 11.4 17.0



#32
Benzoic acid
Concen: 403.876 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Tgt Ion:122 Resp: 26521
Ion Ratio Lower Upper
122 100
105 114.0 98.2 138.2
77 85.2 73.6 113.6

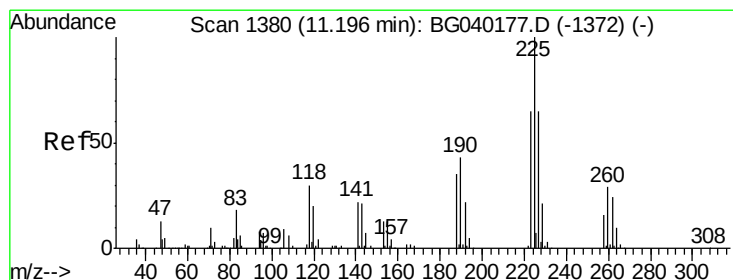
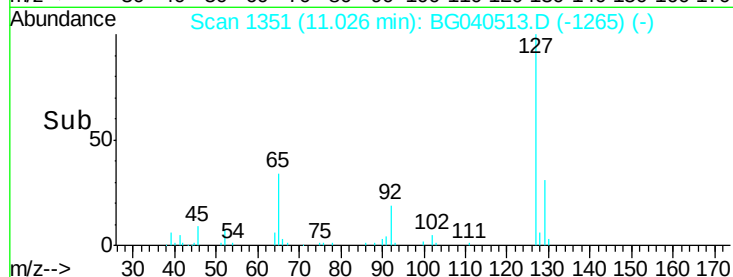
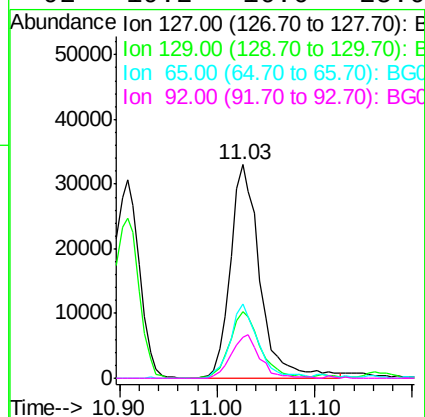
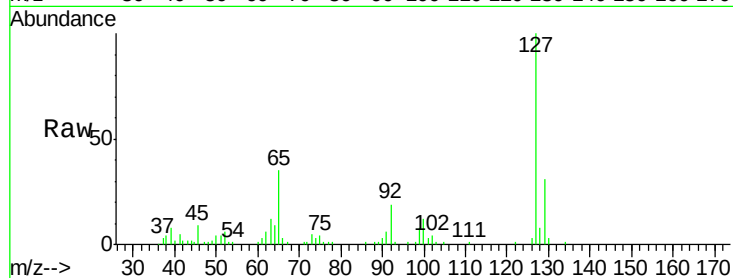




#33
4-Chloroaniline
Concen: 428.976 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

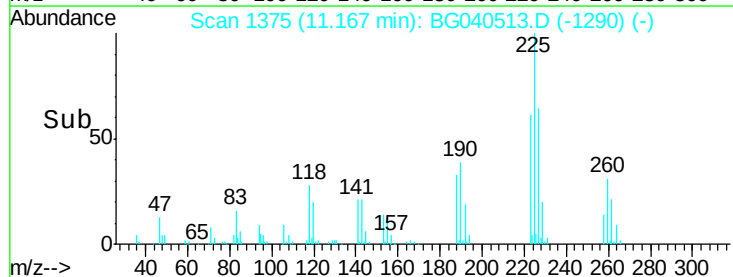
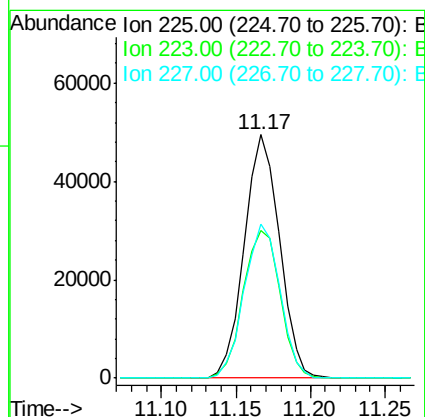
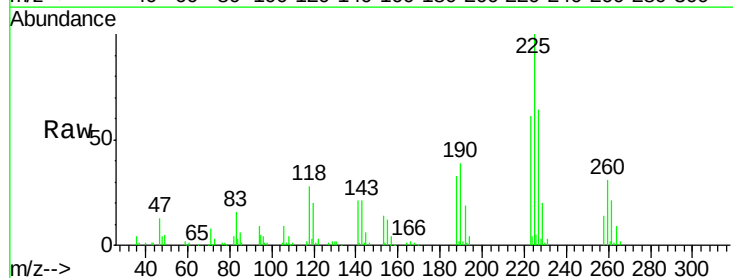
Instrument :
BNA_G
ClientSampleId :

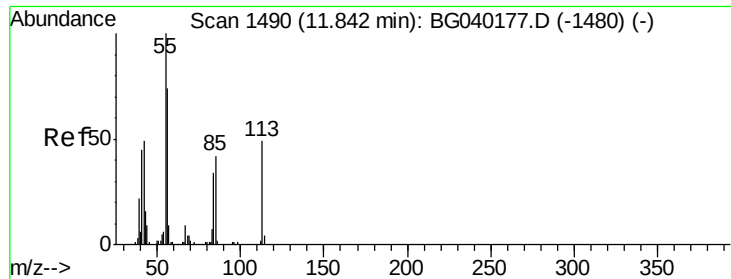
Tot Ion:	127	Resp:	69518
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.6	40.0
65	34.9	27.0	40.4
92	19.2	16.6	25.0



#34
Hexachlorobutadiene
Concen: 976.936 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Tgt Ion:	225	Resp:	80933
Ion	Ratio	Lower	Upper
225	100		
223	60.6	51.8	77.8
227	63.5	54.9	82.3





#35

Caprolactam

Concen: 1049.553 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampleId :

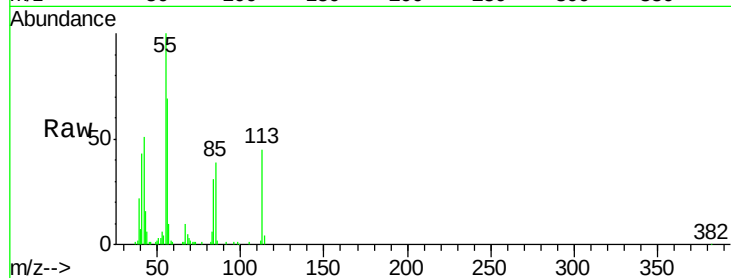
Tot Ion:113 Resp: 49135

Ion Ratio Lower Upper

113 100

55 223.2 184.2 224.2

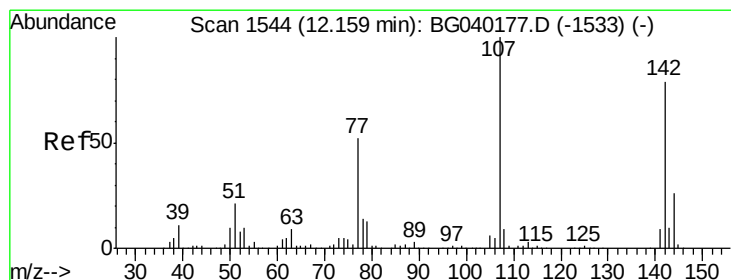
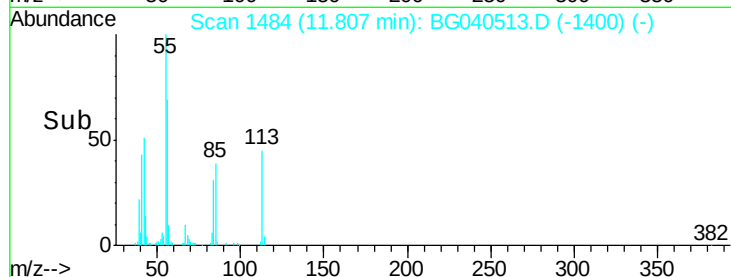
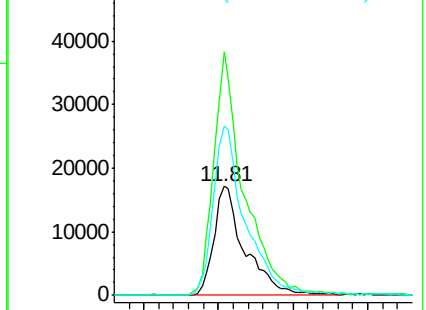
56 154.8 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 1163.925 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

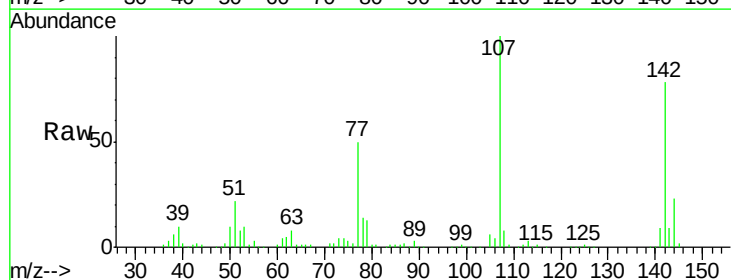
Tgt Ion:107 Resp: 157852

Ion Ratio Lower Upper

107 100

144 23.3 20.5 30.7

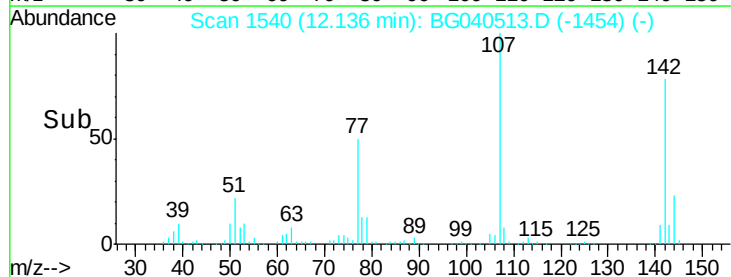
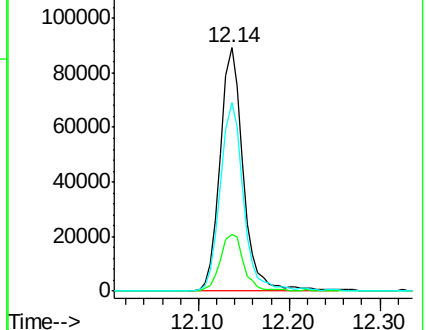
142 77.7 63.1 94.7

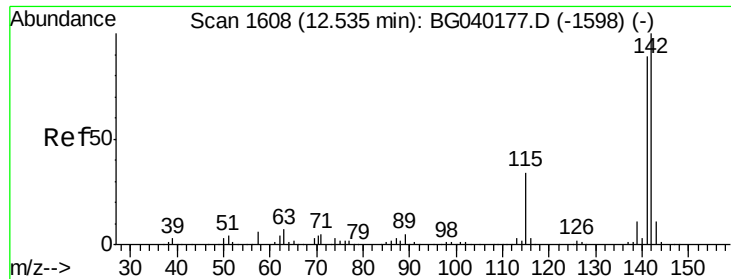


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

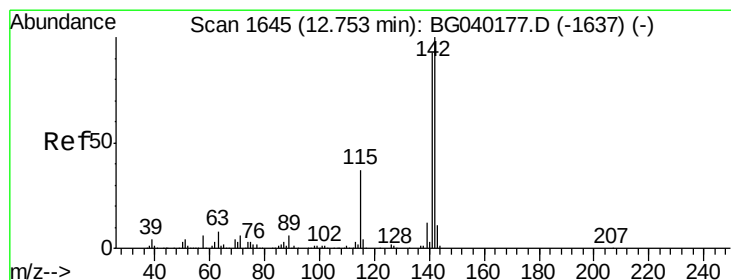
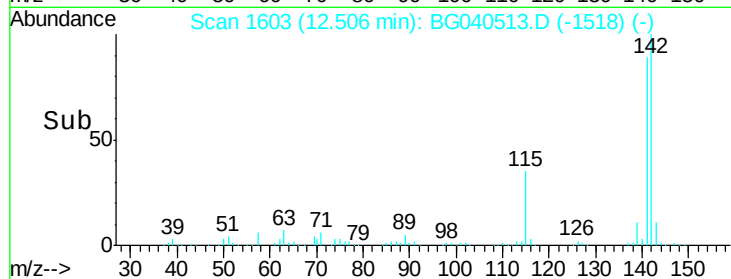
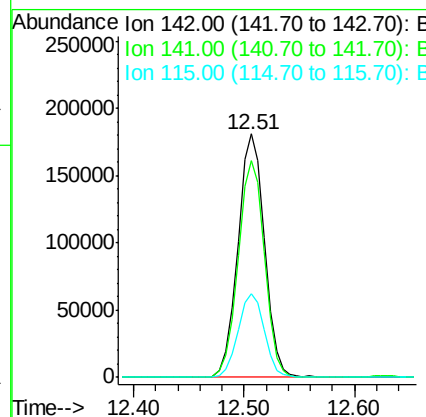
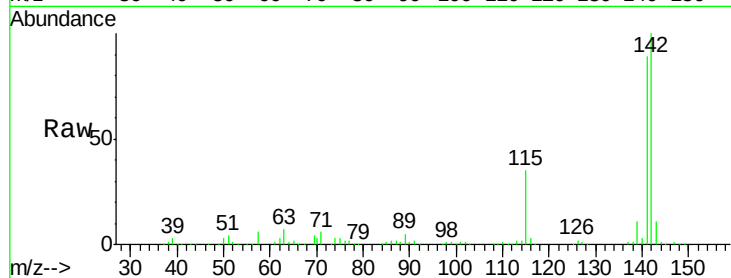




#37
2-Methylnaphthalene
Concen: 1088.741 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

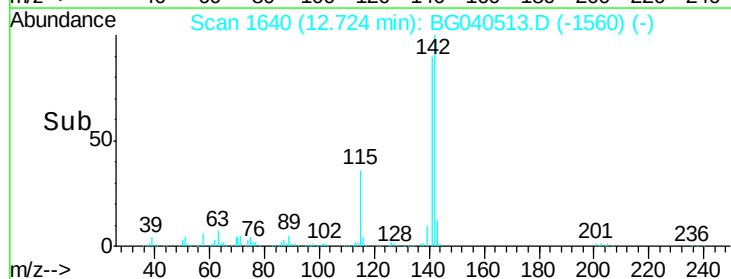
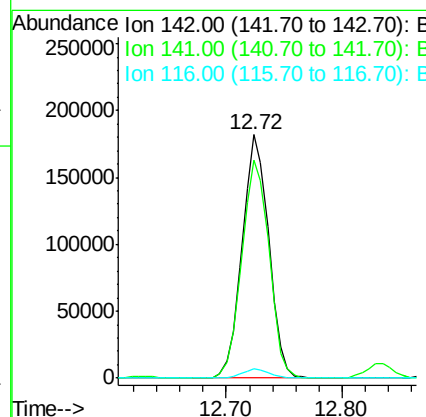
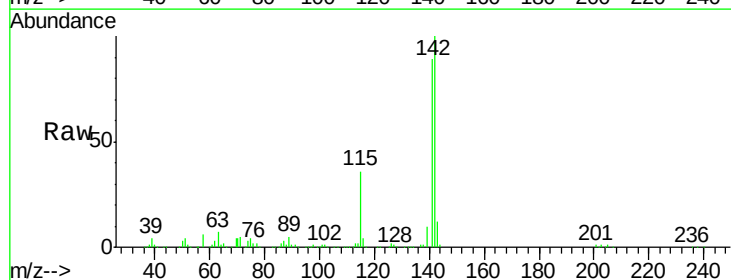
Instrument :
BNA_G
ClientSampled :

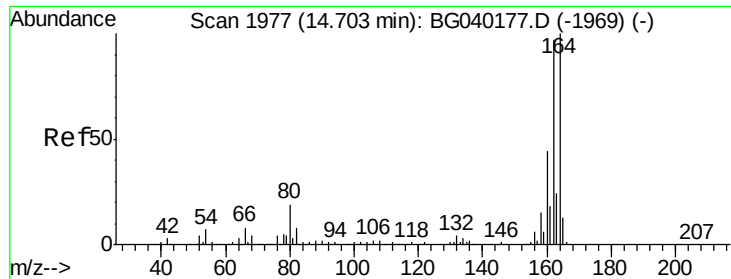
Tot Ion:142 Resp: 305917
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.6
115 34.6 27.3 40.9



#38
1-Methylnaphthalene
Concen: 1065.777 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Tgt Ion:142 Resp: 290390
Ion Ratio Lower Upper
142 100
141 89.4 74.2 111.4
116 3.9 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: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampleId :

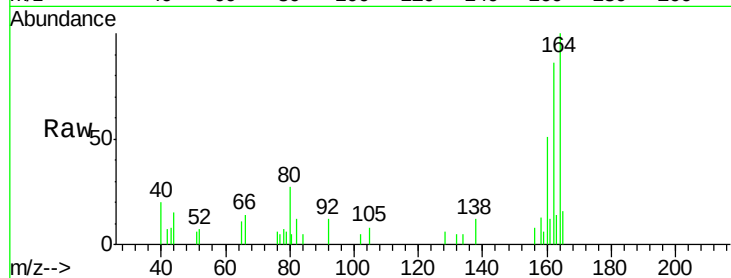
Tot Ion:164 Resp: 4866

Ion Ratio Lower Upper

164 100

162 86.1 77.4 116.2

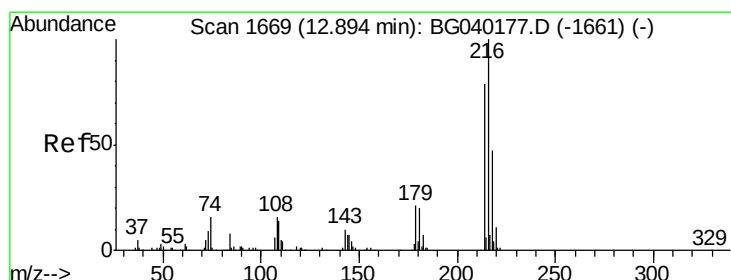
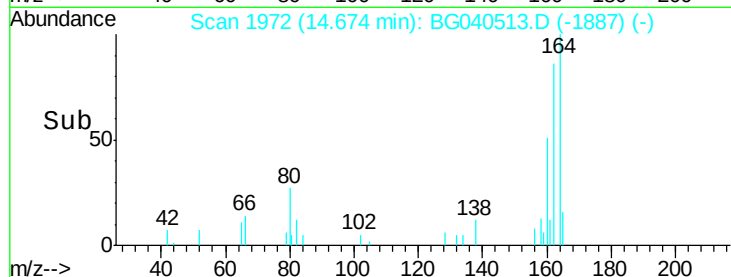
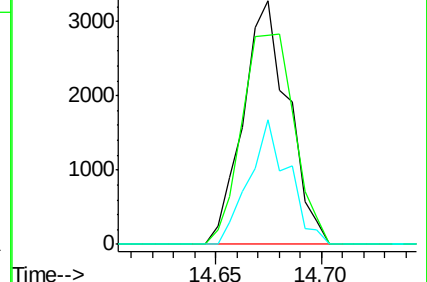
160 51.4 35.3 52.9



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: 995.638 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Tgt Ion:216 Resp: 153984

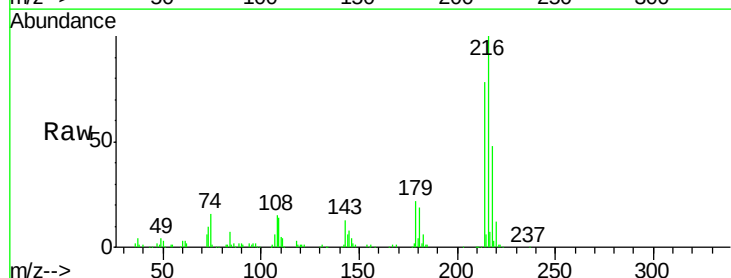
Ion Ratio Lower Upper

216 100

214 79.6 63.5 95.3

179 21.2 16.6 25.0

108 19.3 13.8 20.8

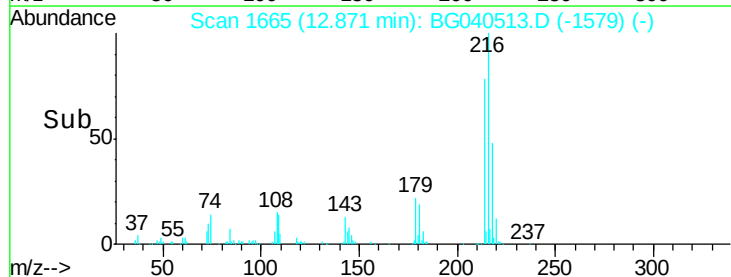
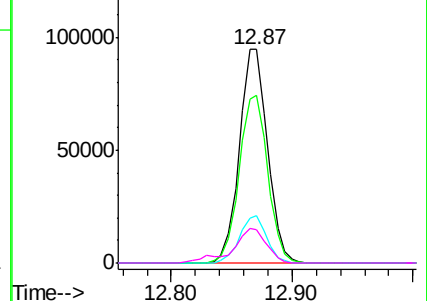


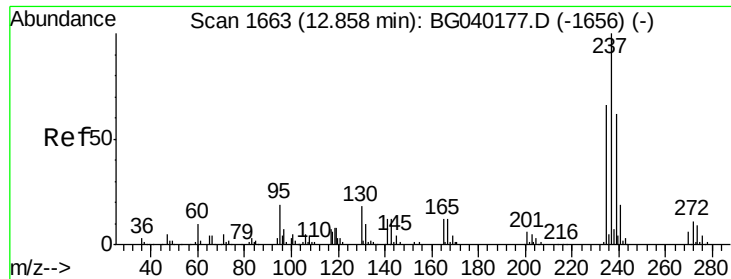
Abundance Ion 216.00 (215.70 to 216.70): E

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: 1816.866 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040513.D

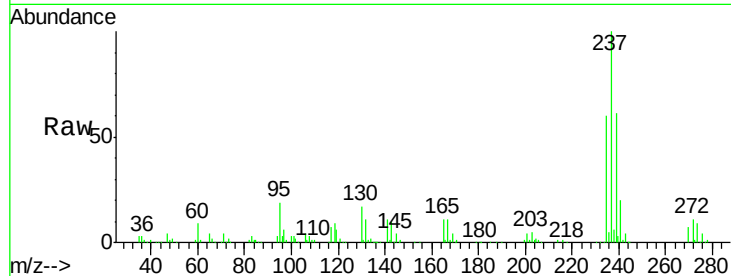
Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampleId :

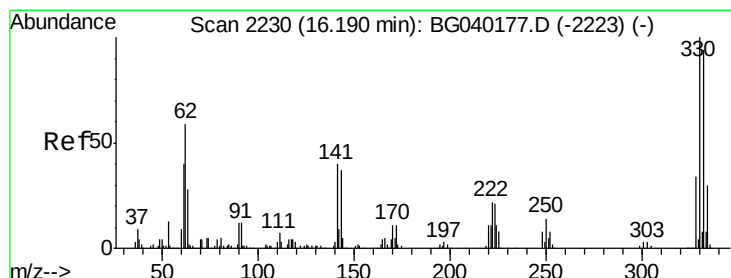
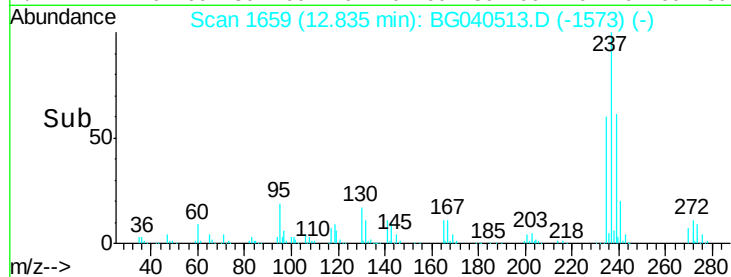
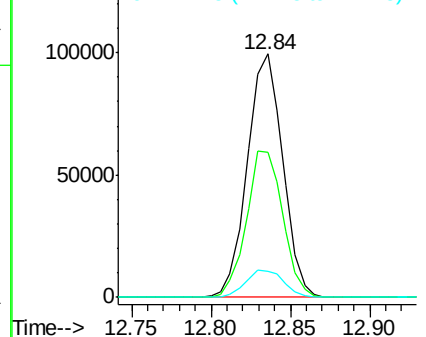
Tot Ion:	237	Resp:	154286
Ion	Ratio	Lower	Upper
237	100		
235	59.8	46.2	86.2
272	10.9	0.0	30.5



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: 4347.619 ng

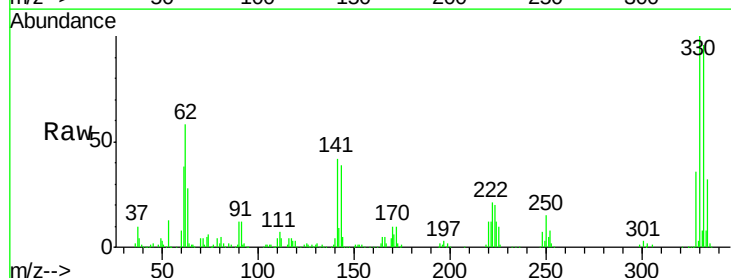
RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

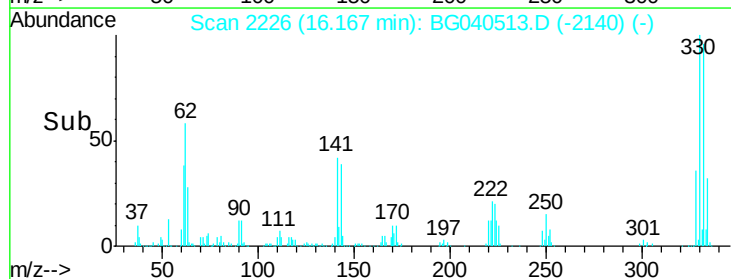
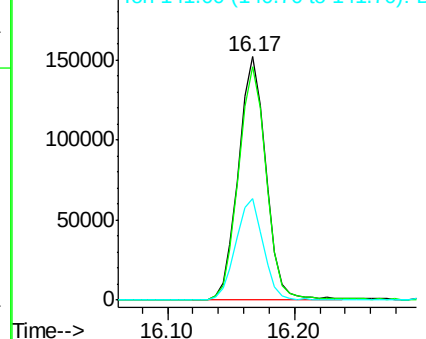
Tgt Ion:	330	Resp:	228636
Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	41.3	32.6	48.8

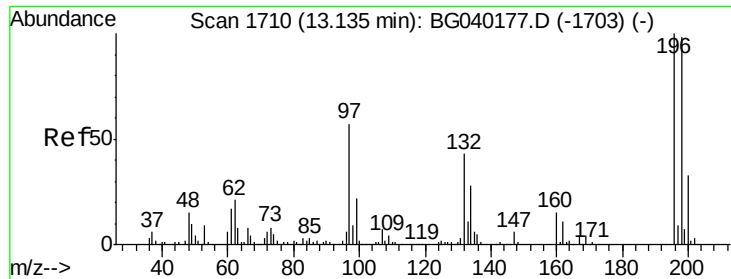


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

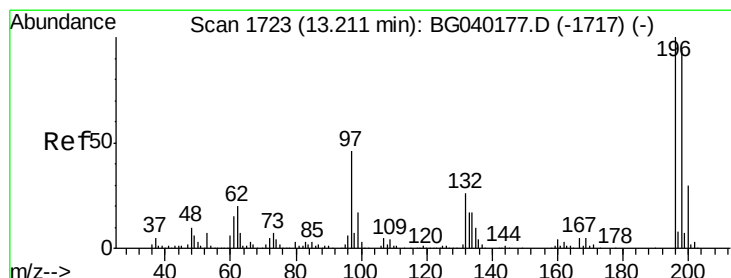
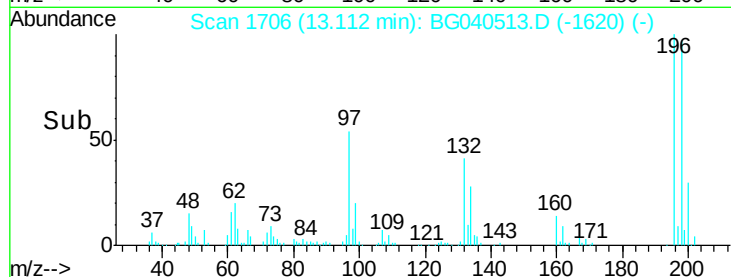
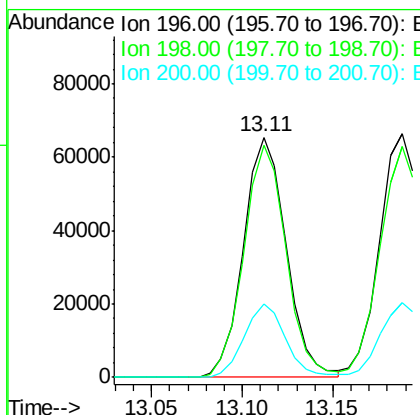
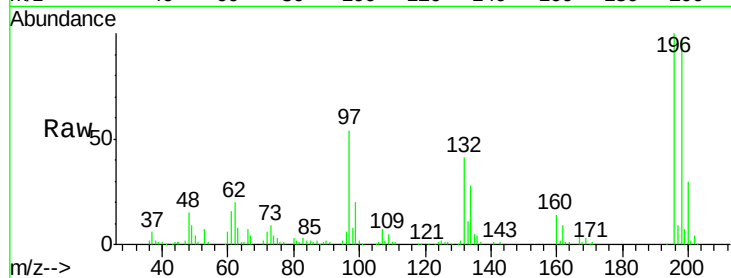




#43
 2,4,6-Trichlorophenol
 Concen: 1082.945 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

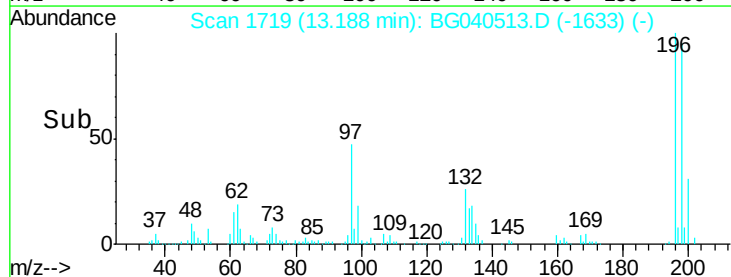
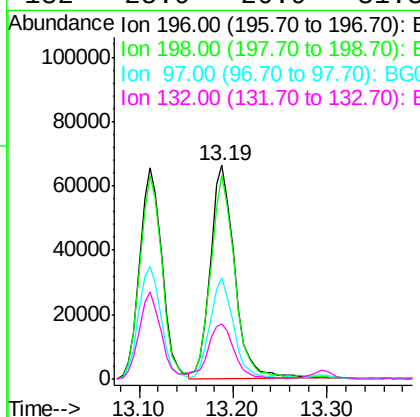
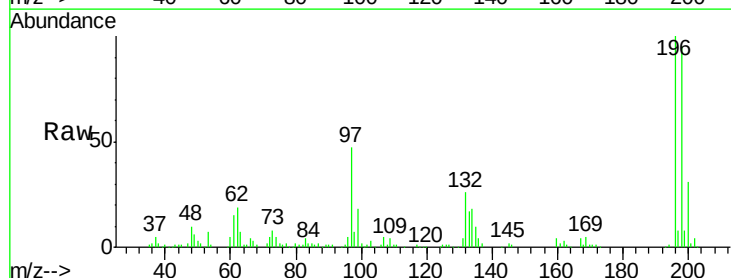
Instrument :
 BNA_G
 ClientSampleId :

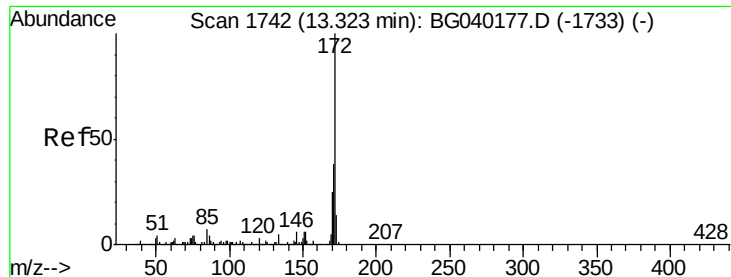
Tot Ion:196 Resp: 107984
 Ion Ratio Lower Upper
 196 100
 198 96.7 78.3 117.5
 200 30.4 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 1101.110 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Tgt Ion:196 Resp: 119674
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.0 112.6
 97 47.1 37.3 55.9
 132 25.9 20.9 31.3

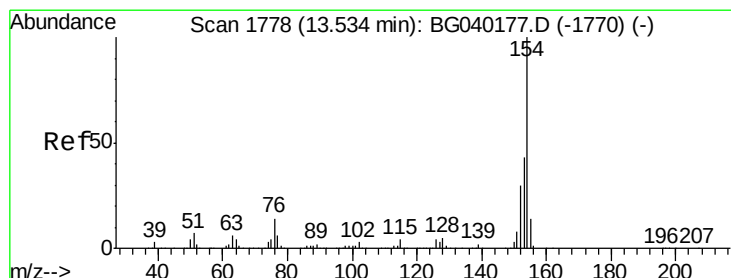
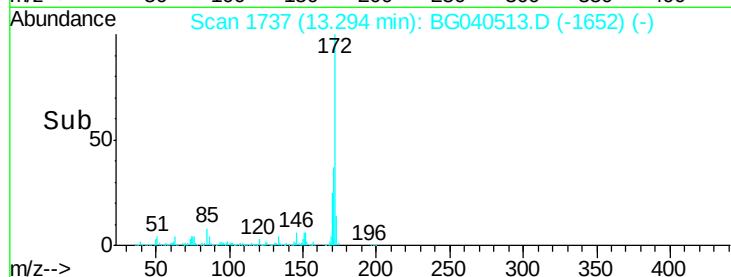
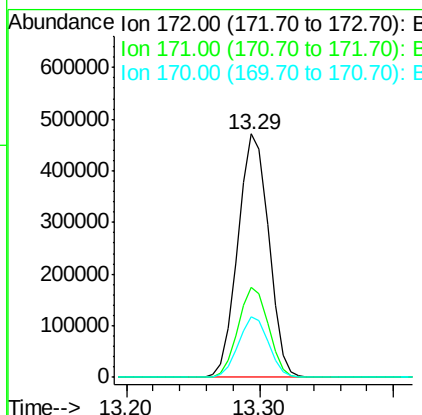
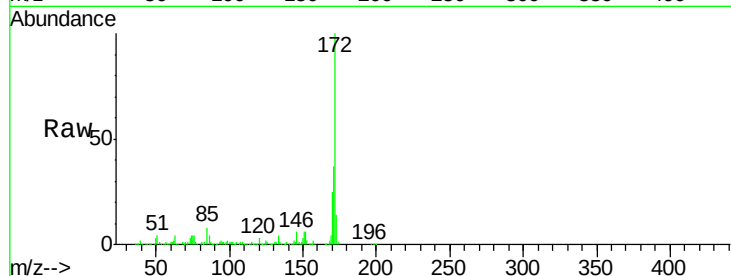




#45
2-Fluorobiphenyl
Concen: 2294.214 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

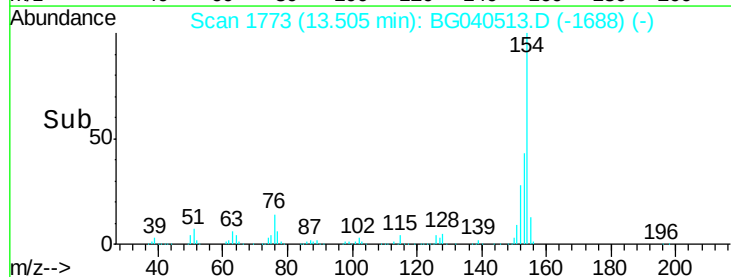
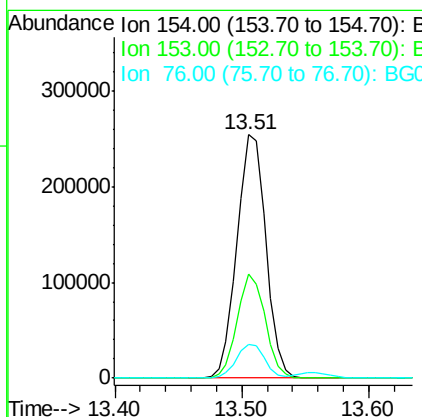
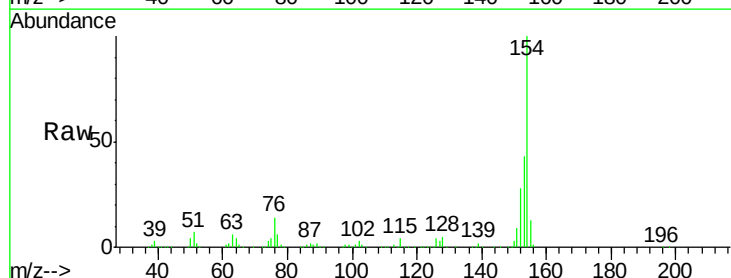
Instrument :
BNA_G
ClientSampleId :

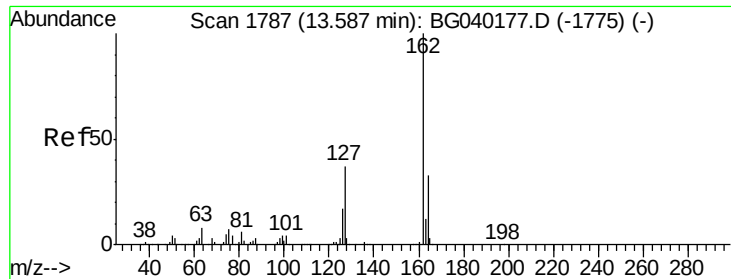
Tot Ion:172 Resp: 753403
Ion Ratio Lower Upper
172 100
171 37.2 30.5 45.7
170 24.8 20.1 30.1



#46
1,1'-Biphenyl
Concen: 1046.014 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Tgt Ion:154 Resp: 402169
Ion Ratio Lower Upper
154 100
153 42.9 22.5 62.5
76 13.8 0.0 33.7

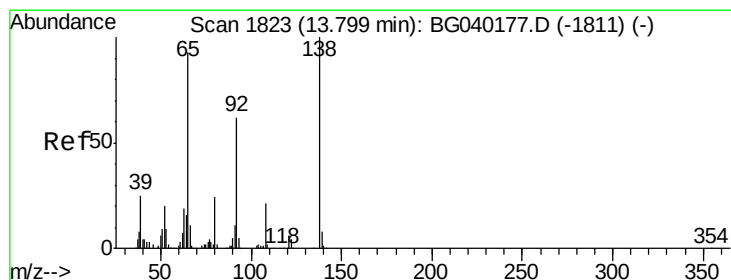
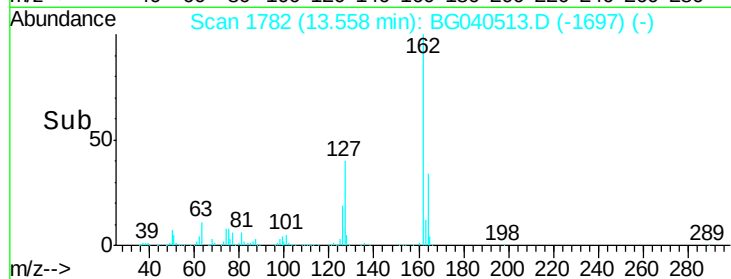
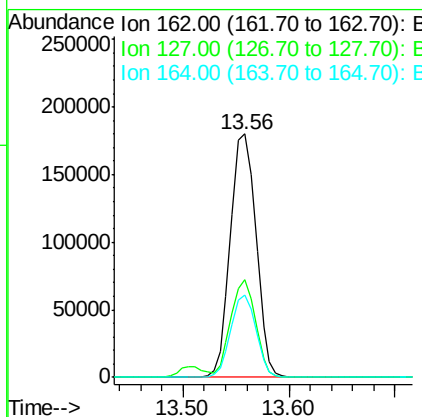
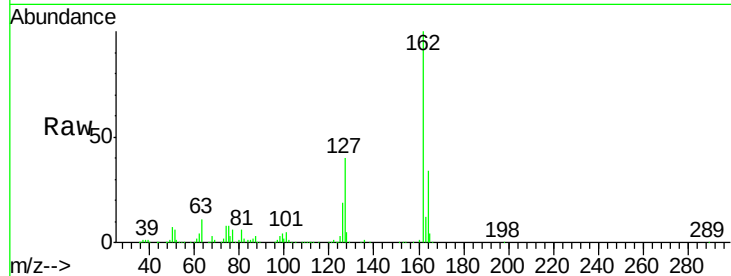




#47
 2-Chloronaphthalene
 Concen: 1026.823 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

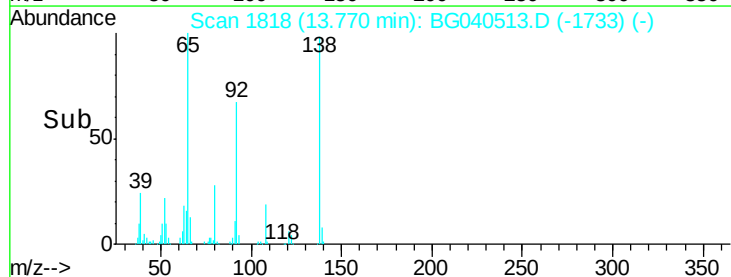
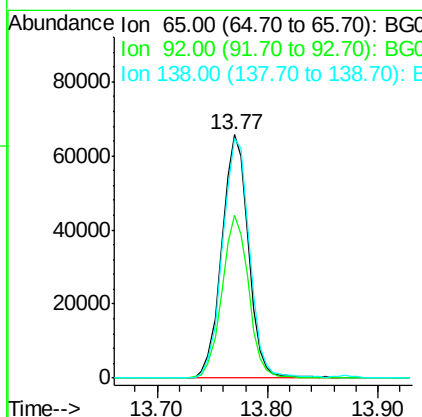
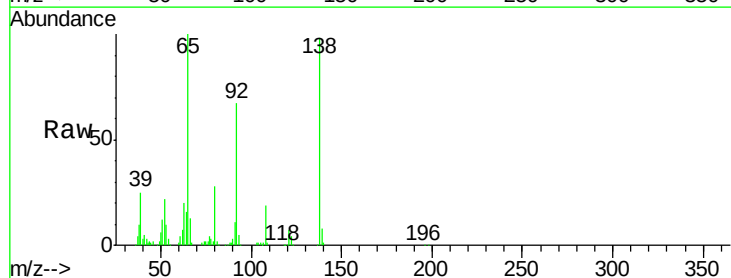
Instrument :
 BNA_G
 ClientSampled :

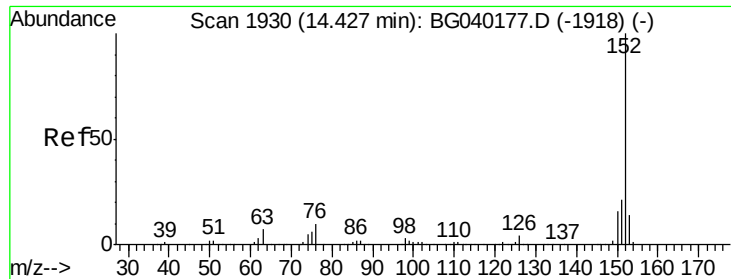
Tot Ion:	162	Resp:	302829
Ion	Ratio	Lower	Upper
162	100		
127	39.9	30.6	45.8
164	33.7	26.2	39.4



#48
 2-Nitroaniline
 Concen: 1115.789 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Tgt Ion:	65	Resp:	110997
Ion	Ratio	Lower	Upper
65	100		
92	66.9	53.8	80.6
138	98.5	86.3	129.5





#49

Acenaphthylene

Concen: 1037.628 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampleId :

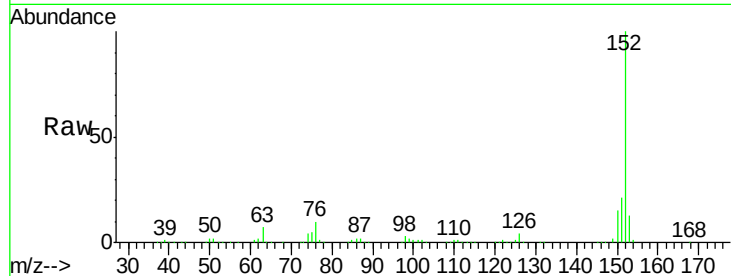
Tot Ion:152 Resp: 518845

Ion Ratio Lower Upper

152 100

151 21.1 17.0 25.6

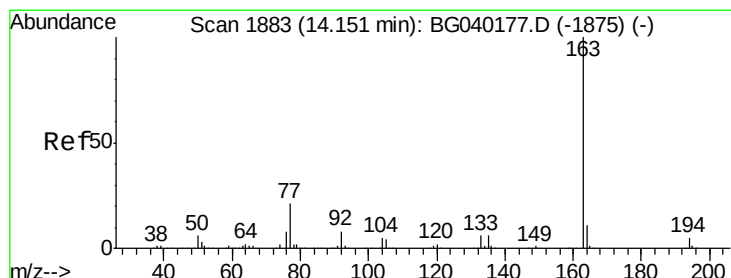
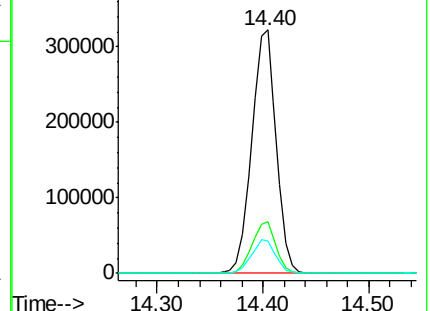
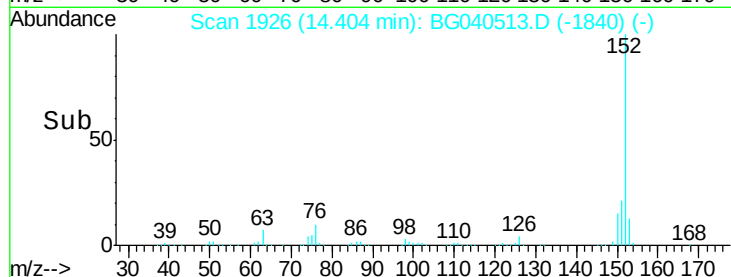
153 13.5 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 1482.134 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

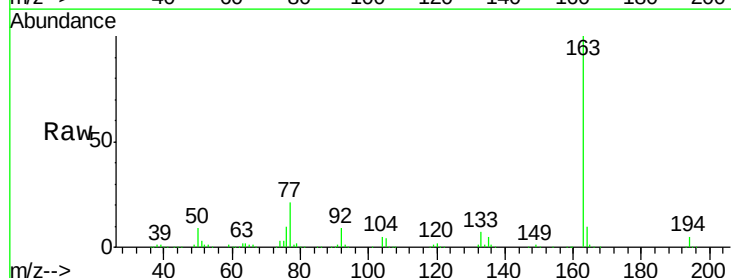
Tgt Ion:163 Resp: 564444

Ion Ratio Lower Upper

163 100

194 4.6 4.1 6.1

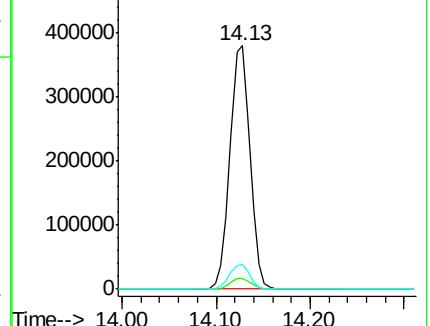
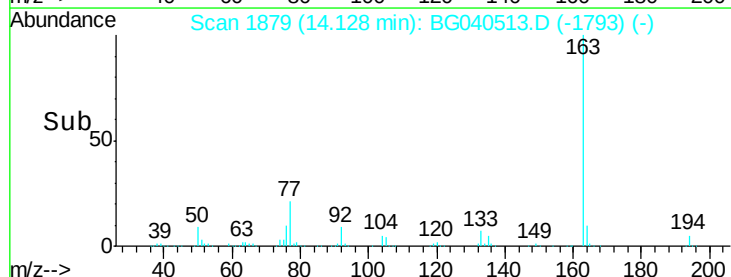
164 10.1 8.6 13.0

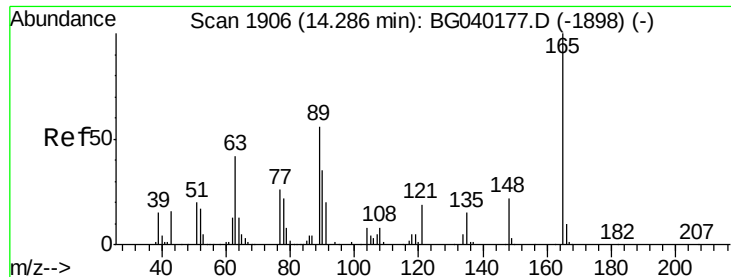


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

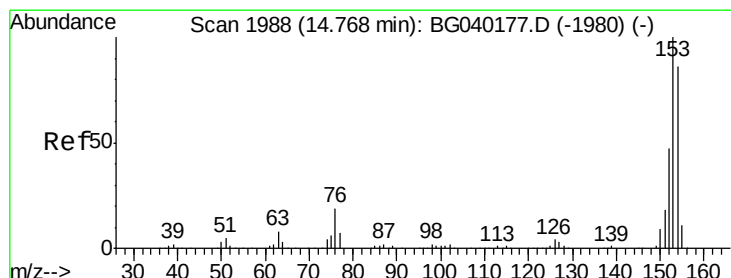
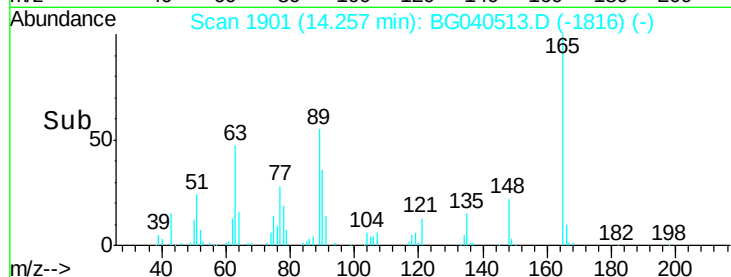
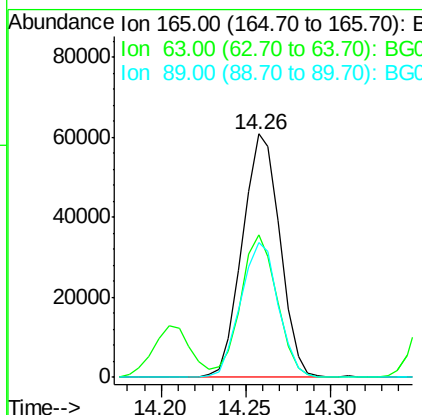
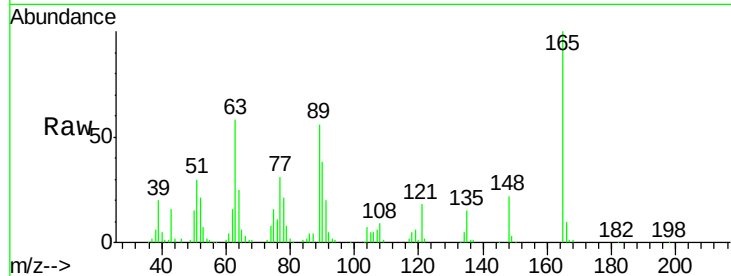




#51
 2,6-Dinitrotoluene
 Concen: 1098.482 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

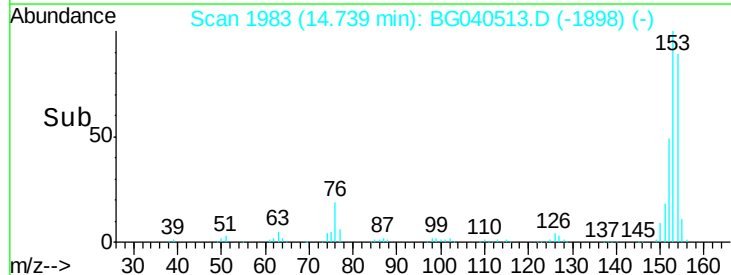
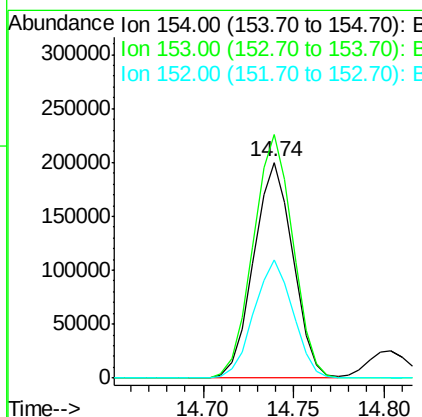
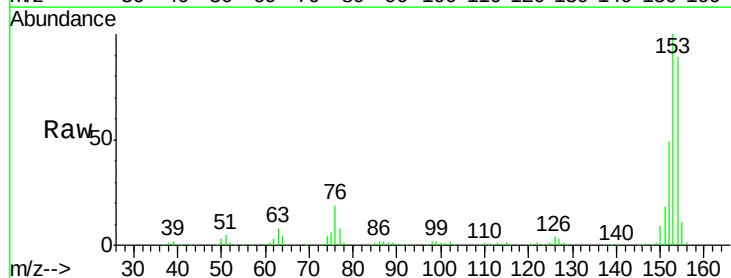
Instrument :
 BNA_G
 ClientSampled :

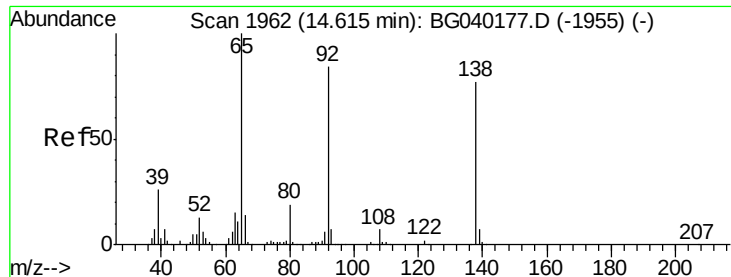
Tot Ion	Ratio	Lower	Upper
165	100		
63	58.4	44.1	66.1
89	55.6	44.9	67.3



#52
 Acenaphthene
 Concen: 1053.920 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	92.8	139.2
152	54.9	43.4	65.2

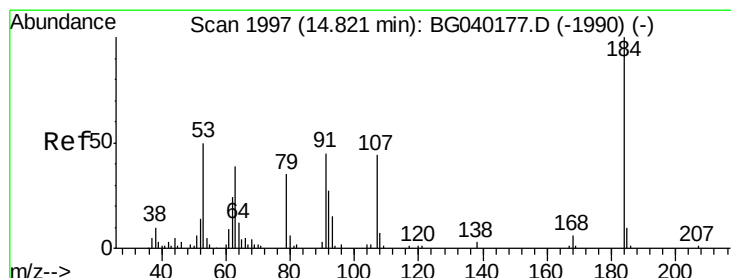
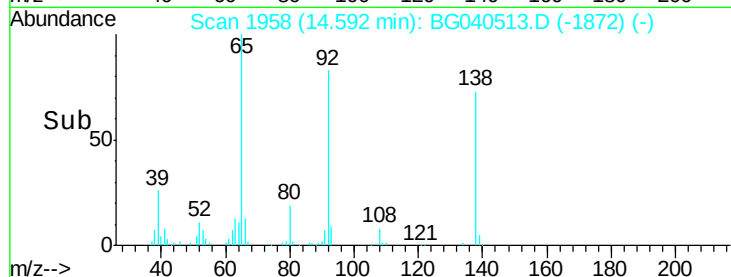
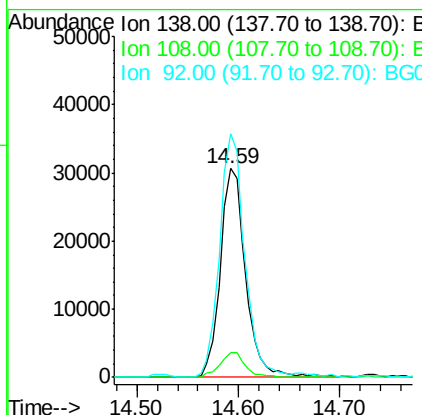
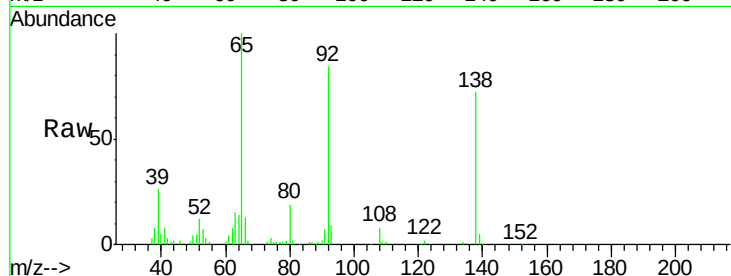




#53
 3-Nitroaniline
 Concen: 586.364 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.02 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

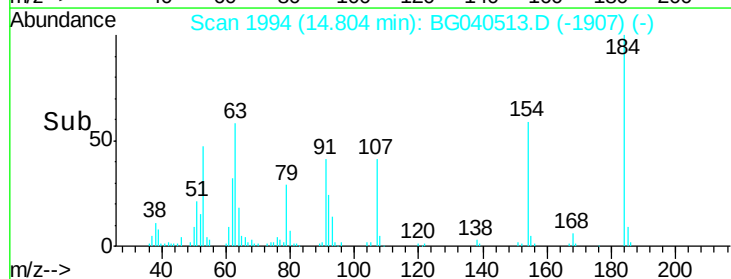
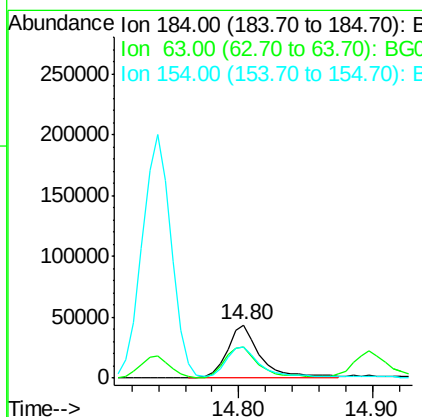
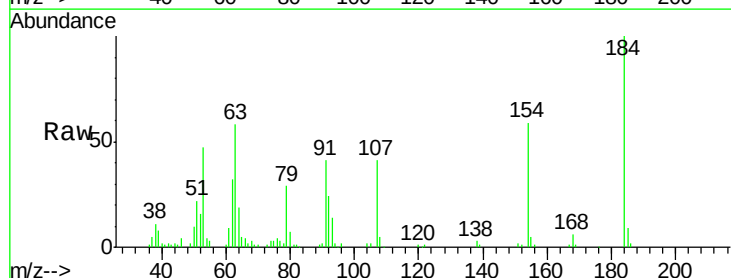
Instrument :
 BNA_G
 ClientSampleId :

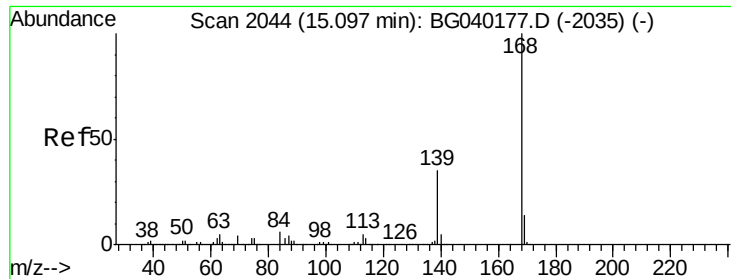
Tot Ion:138 Resp: 53075
 Ion Ratio Lower Upper
 138 100
 108 11.6 7.8 11.8
 92 116.7 87.5 131.3



#54
 2,4-Dinitrophenol
 Concen: 1672.469 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. -0.02 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Tgt Ion:184 Resp: 76058
 Ion Ratio Lower Upper
 184 100
 63 58.2 51.8 77.8
 154 58.7 50.9 76.3





#55

Dibenzenofuran

Concen: 1108.840 ng

RT: 15.07 min Scan# 2040

Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampleId :

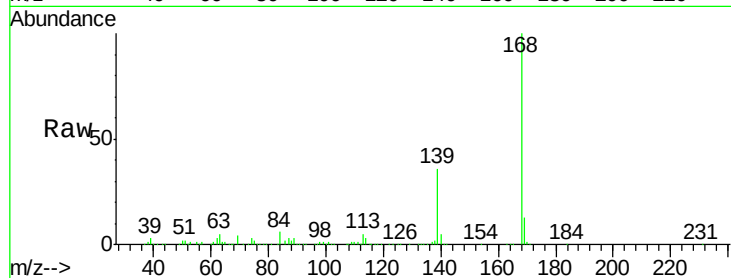
Tot Ion:168 Resp: 510513

Ion Ratio Lower Upper

168 100

139 35.6 27.9 41.9

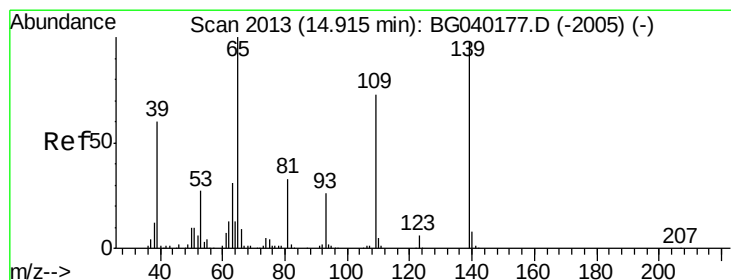
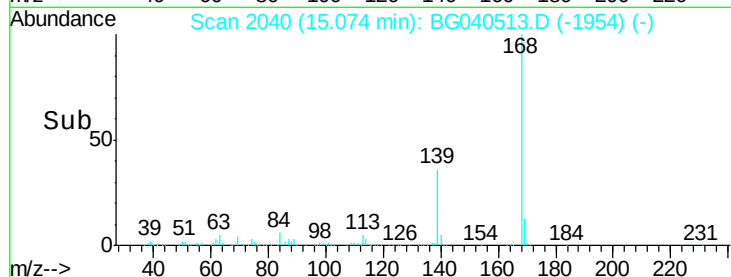
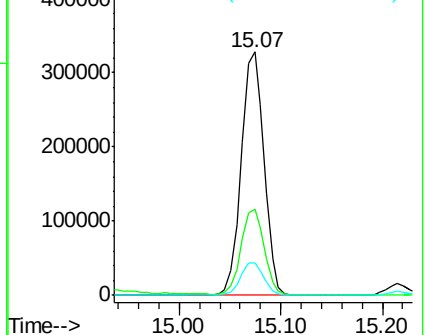
169 13.3 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 1938.259 ng

RT: 14.90 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

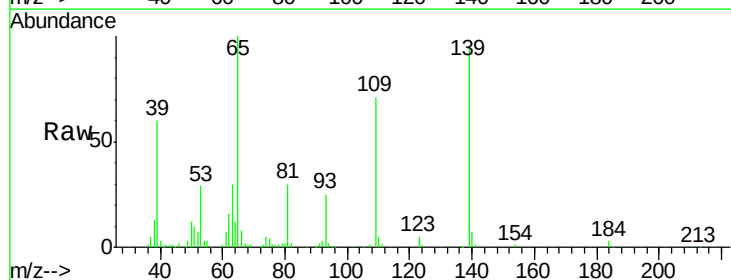
Tgt Ion:139 Resp: 141597

Ion Ratio Lower Upper

139 100

109 73.9 54.3 94.3

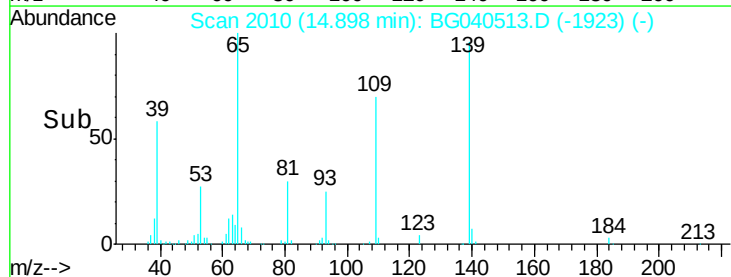
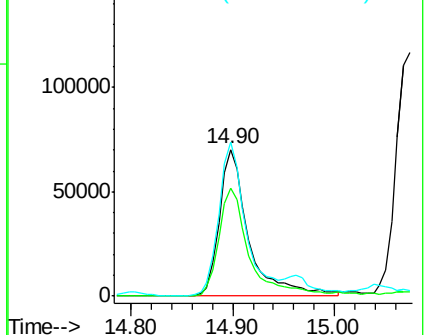
65 104.8 82.5 122.5

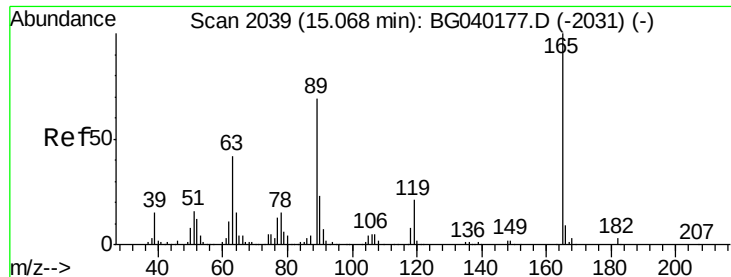


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





#57

2,4-Dinitrotoluene

Concen: 1145.493 ng

RT: 15.04 min Scan# 2035

Delta R.T. -0.02 min

Lab File: BG040513.D

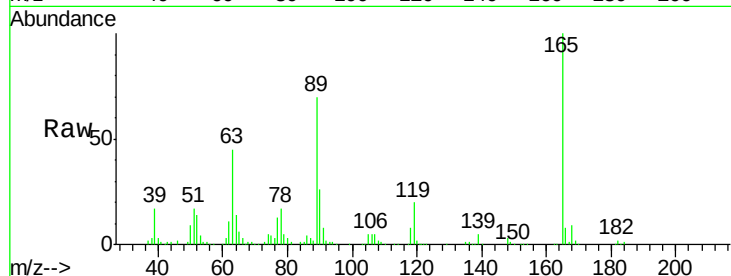
Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampled :

Tot Ion:165	Resp:	136105
Ion Ratio	Lower	Upper
165	100	
63	44.6	33.8 50.6
89	70.0	55.4 83.2
182	2.5	2.2 3.4

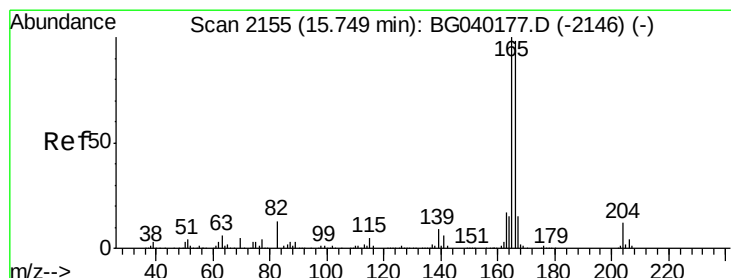
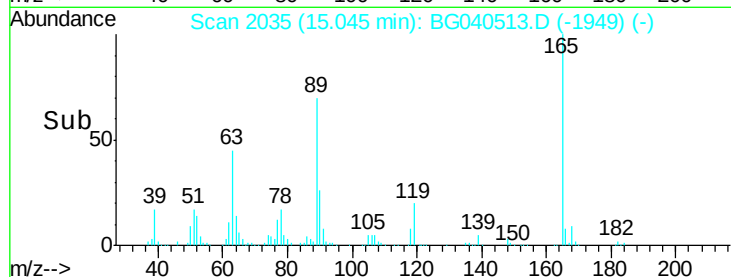
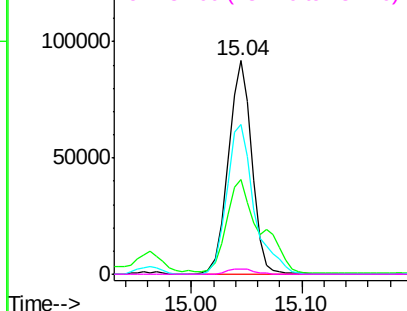


Abundance Ion 165.00 (164.70 to 165.70): E

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: 1108.744 ng

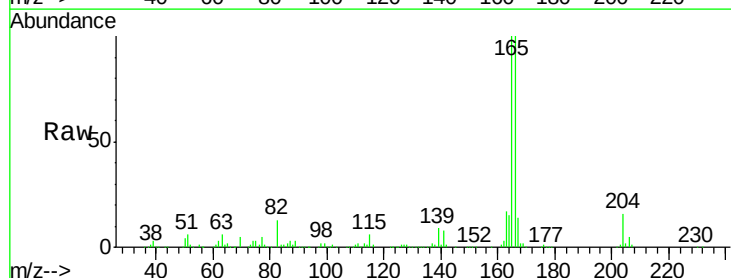
RT: 15.72 min Scan# 2150

Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

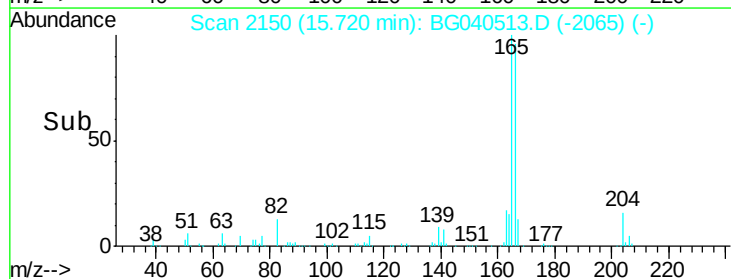
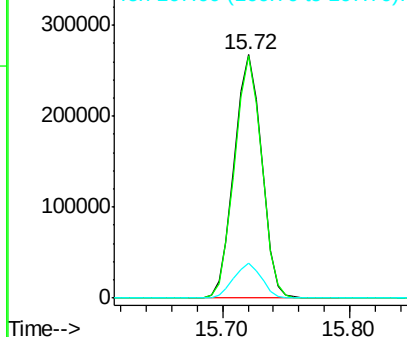
Tgt Ion:166	Resp:	401339
Ion Ratio	Lower	Upper
166	100	
165	99.5	81.7 122.5
167	14.3	11.9 17.9

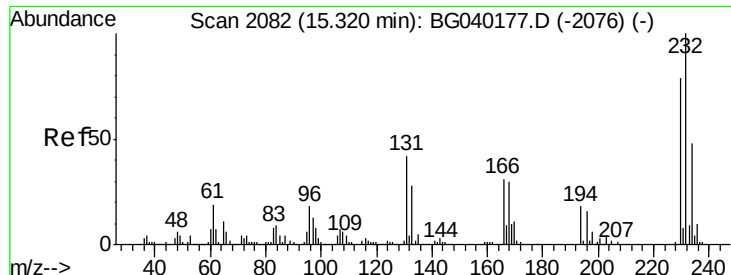


Abundance Ion 166.00 (165.70 to 166.70): E

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: 1128.180 ng

RT: 15.30 min Scan# 2078

Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 111268

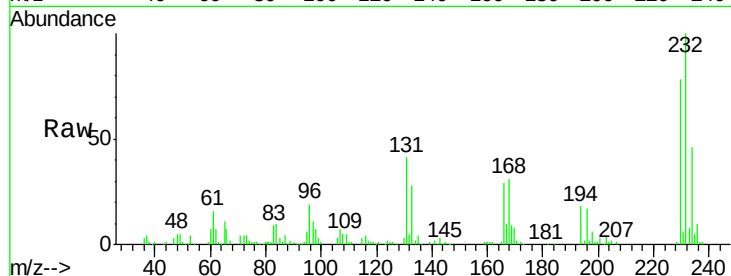
Ion Ratio Lower Upper

232 100

131 42.0 32.9 49.3

130 2.7 1.8 2.8

166 31.8 23.5 35.3

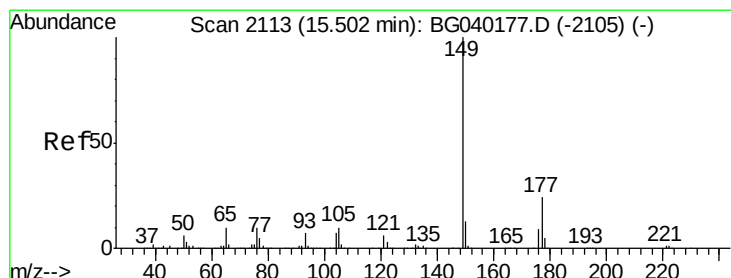
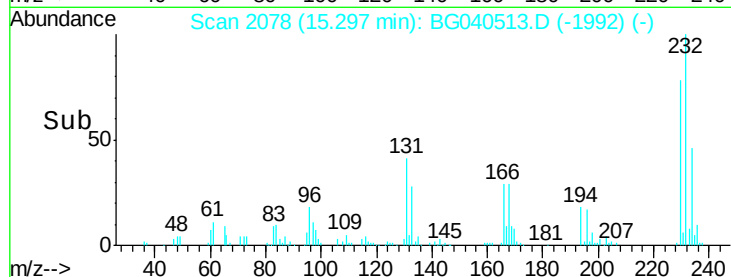
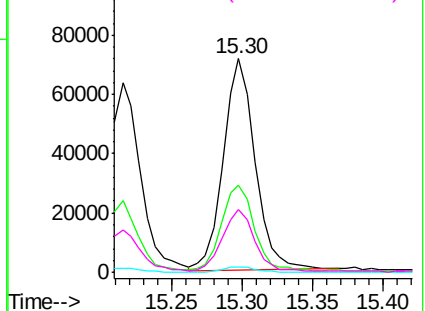


Abundance Ion 232.00 (231.70 to 232.70): E

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: 1145.262 ng

RT: 15.47 min Scan# 2108

Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

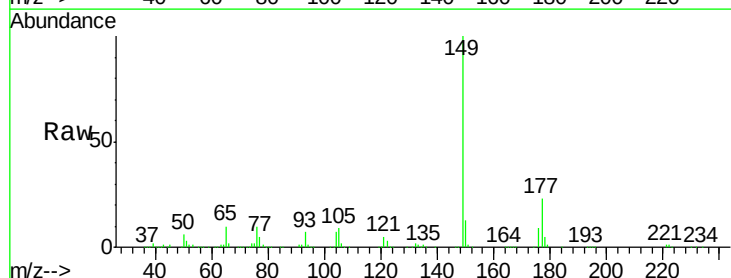
Tgt Ion:149 Resp: 446312

Ion Ratio Lower Upper

149 100

177 23.5 19.1 28.7

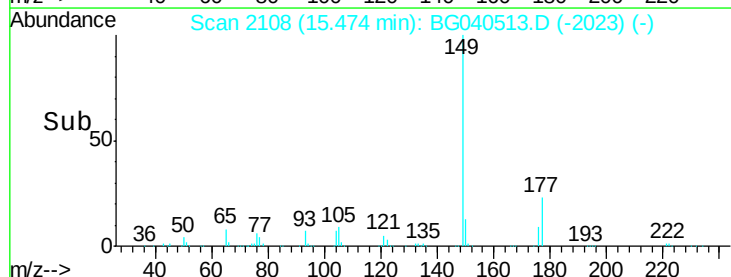
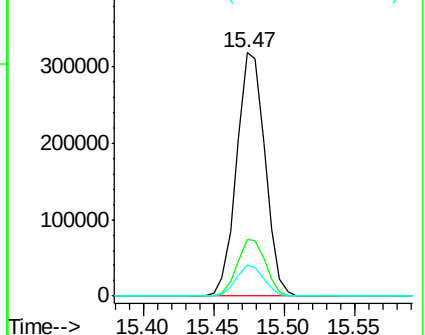
150 12.7 10.6 15.8

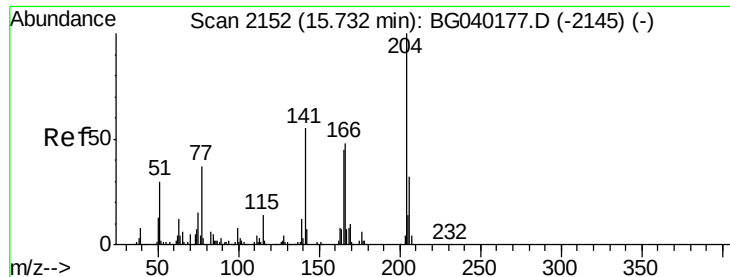


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

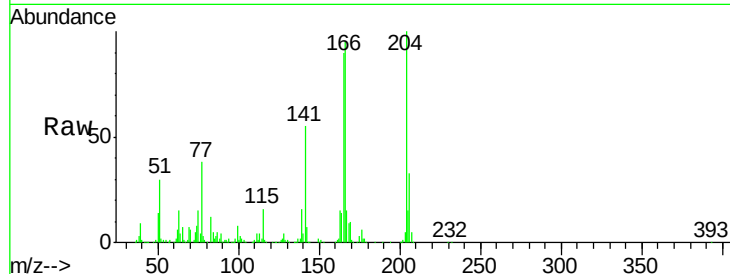




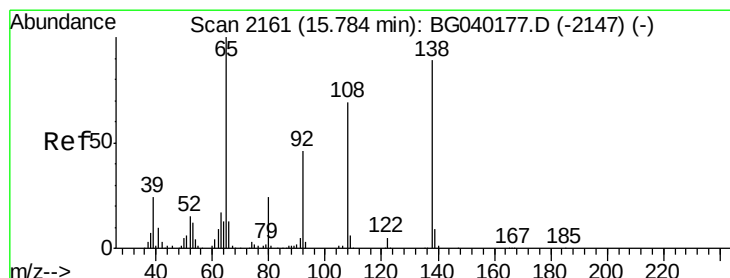
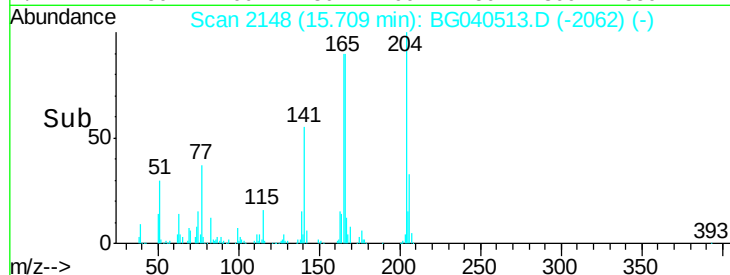
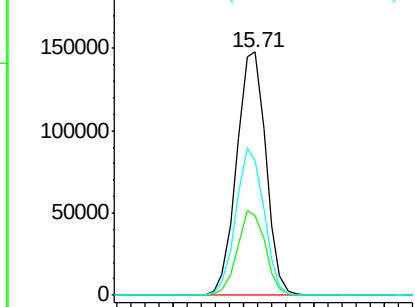
#61
 4-Chlorophenyl-phenylether
 Concen: 1103.660 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.7	38.5
141	55.2	44.0	66.0

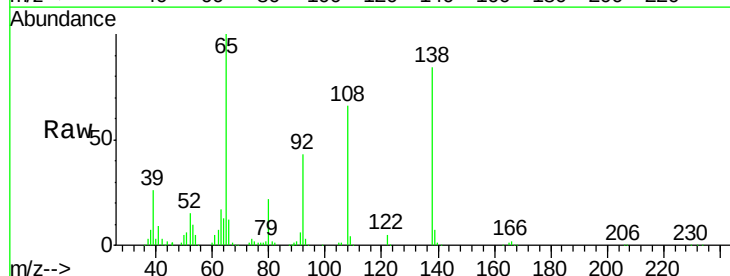


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

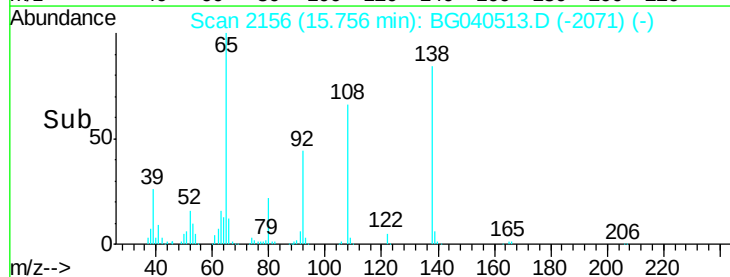
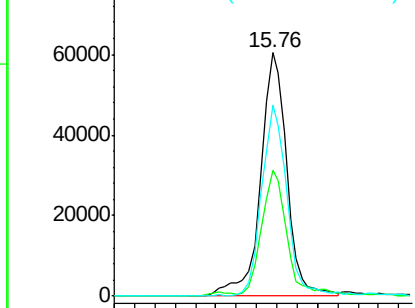


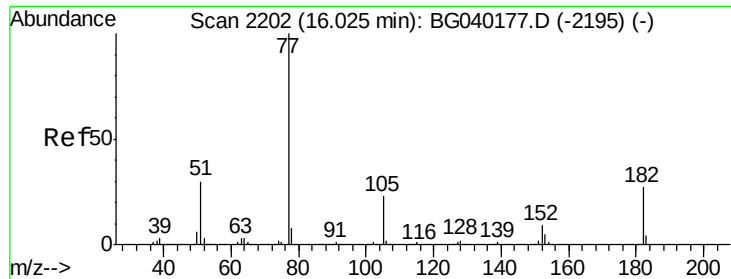
#62
 4-Nitroaniline
 Concen: 1119.238 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.6	31.8	71.8
108	78.6	57.2	97.2



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 1135.678 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 417465

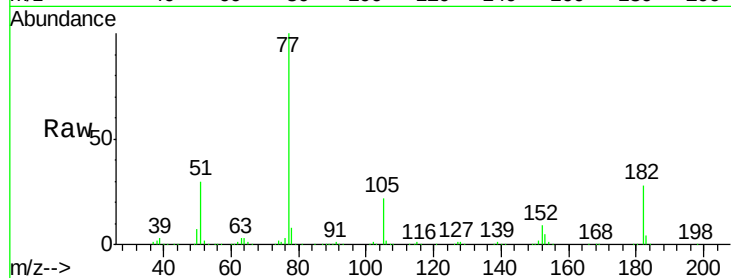
Ion Ratio Lower Upper

77 100

182 27.8 7.2 47.2

105 22.3 2.8 42.8

51 29.5 10.4 50.4

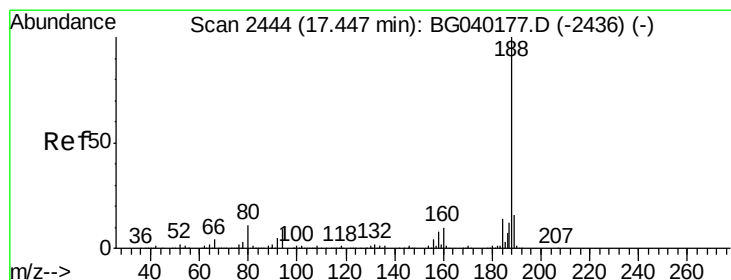
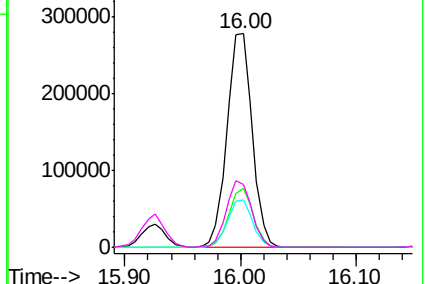
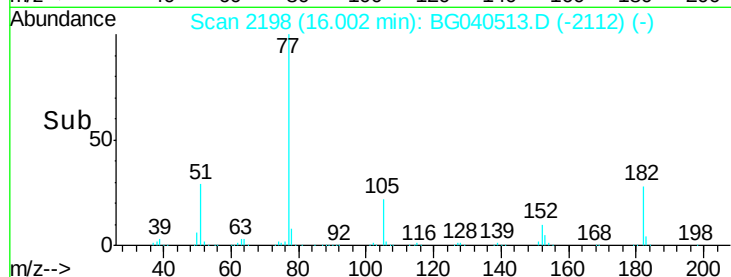


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG040513.D

Acq: 16 Apr 2019 21:31

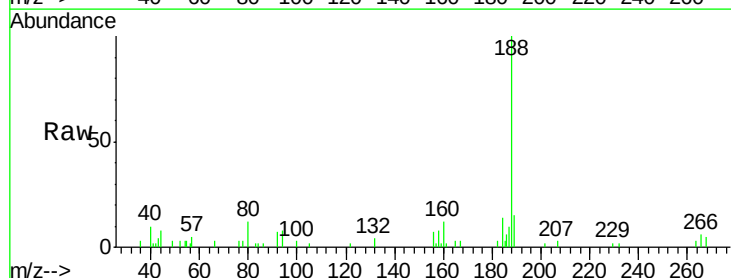
Tgt Ion: 188 Resp: 11375

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.4

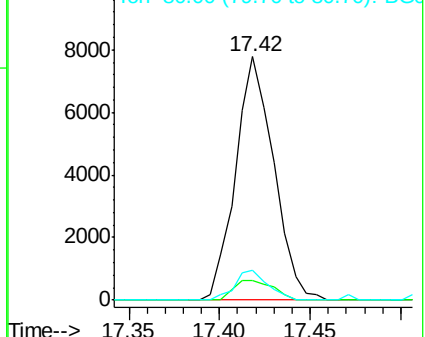
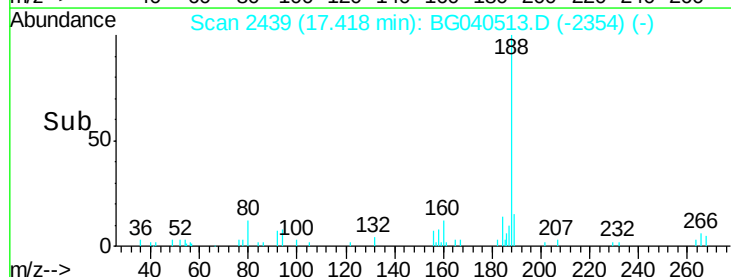
80 12.5 8.6 13.0

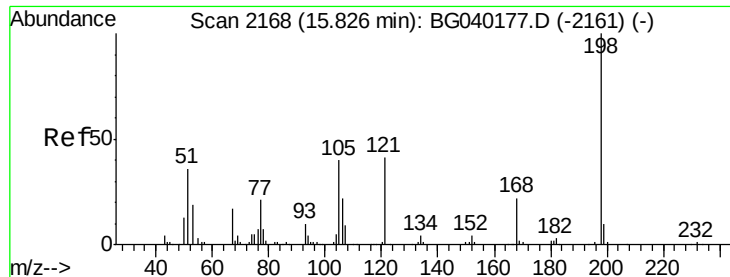


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 1043.960 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

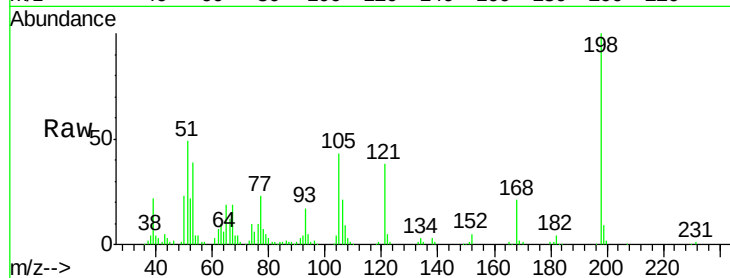
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 66716

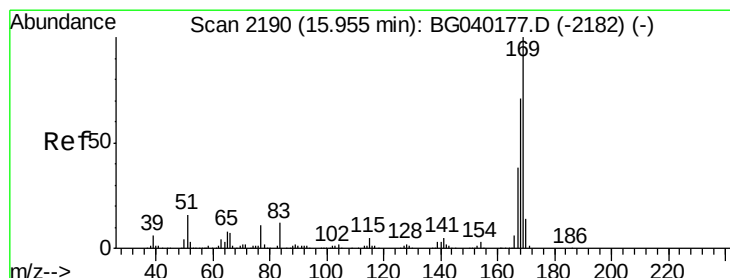
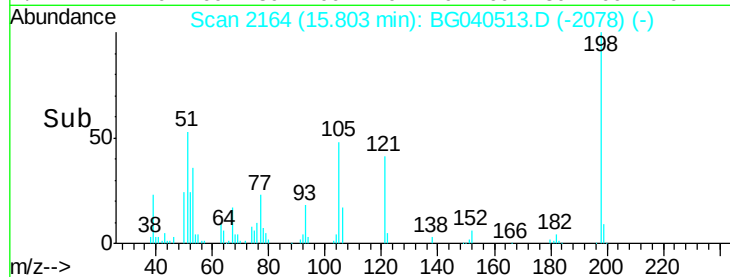
Ion	Ratio	Lower	Upper
198	100		
51	48.8	27.3	67.3
105	43.3	21.7	61.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 1160.422 ng

RT: 15.93 min Scan# 2185

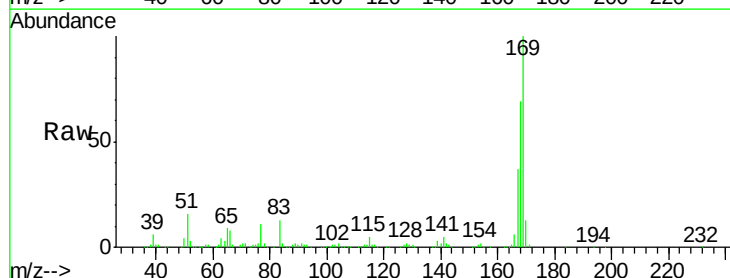
Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Tgt Ion:169 Resp: 386263

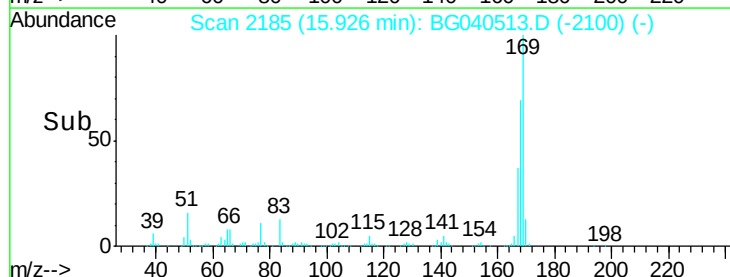
Ion	Ratio	Lower	Upper
169	100		
168	69.5	56.8	85.2
167	37.4	30.2	45.4

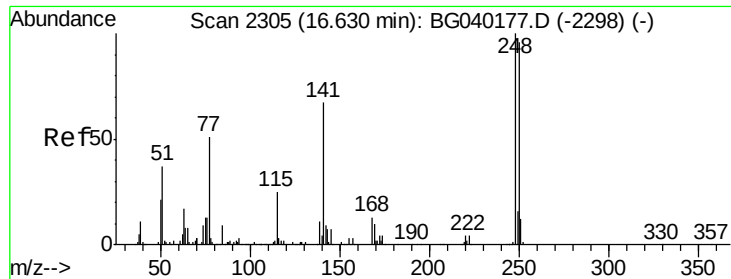


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

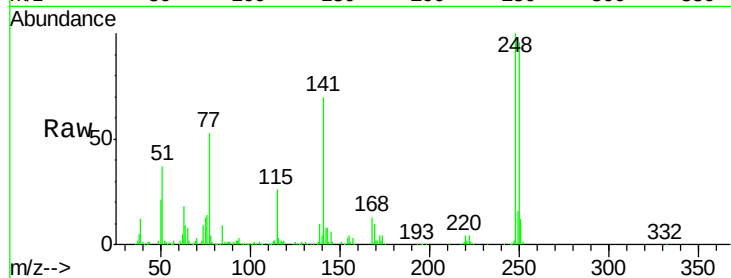




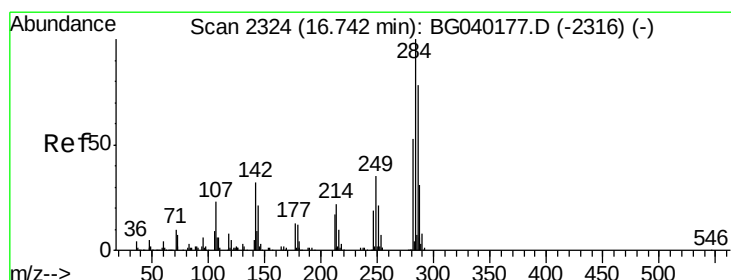
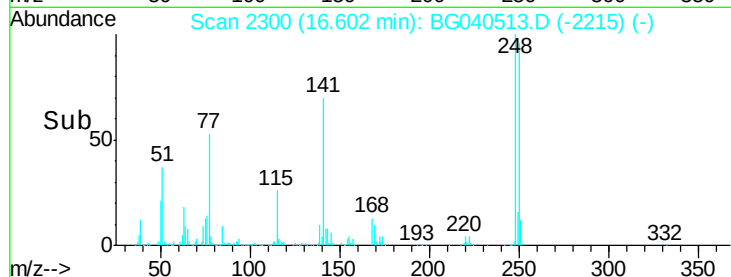
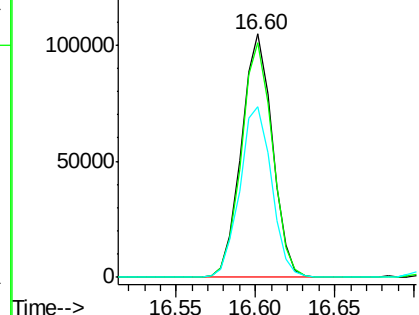
#67
 4-Bromophenyl-phenylether
 Concen: 1107.906 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	76.4	114.6
141	70.2	53.8	80.8

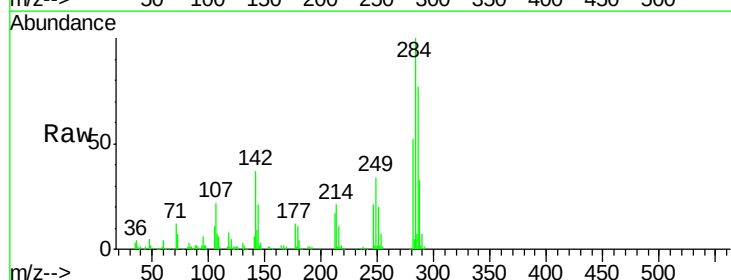


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

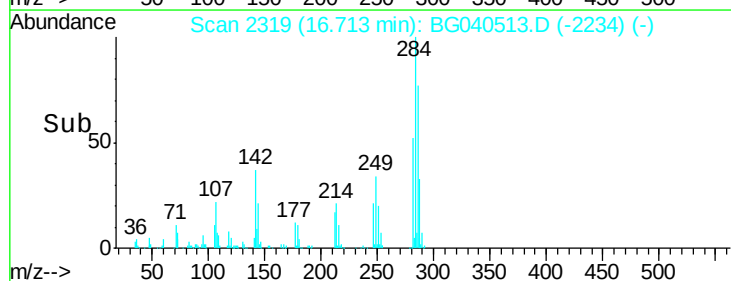
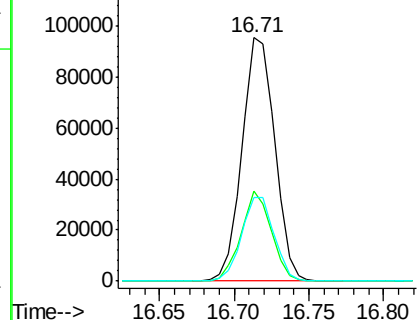


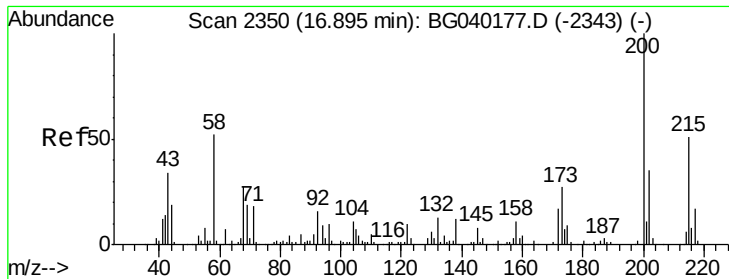
#68
 Hexachlorobenzene
 Concen: 1127.542 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.8	25.3	37.9
249	34.1	28.2	42.2



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

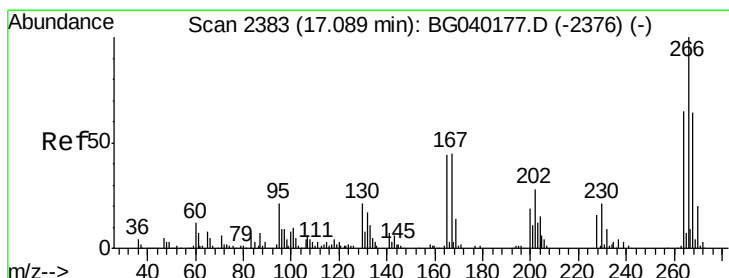
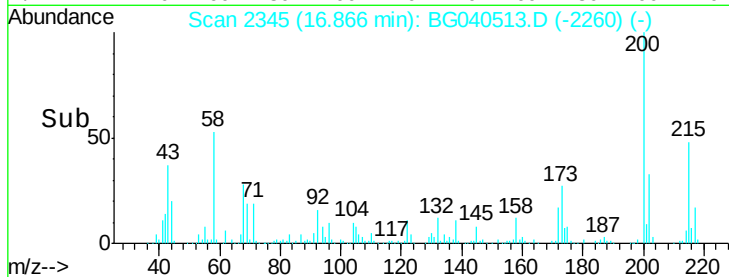
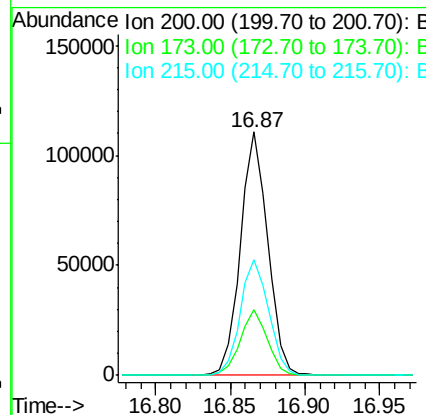
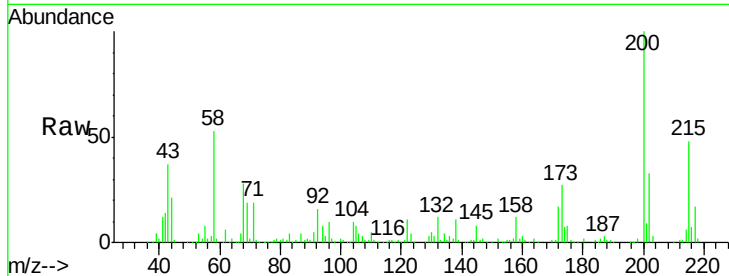




#69
 Atrazine
 Concen: 1138.959 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

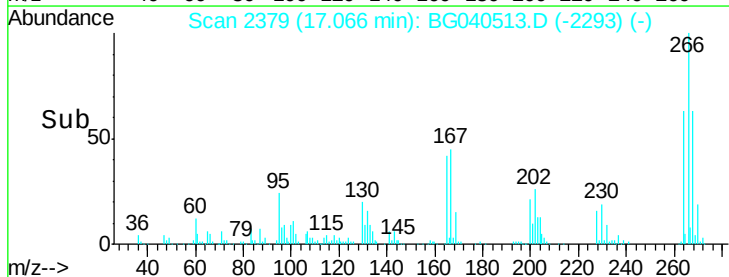
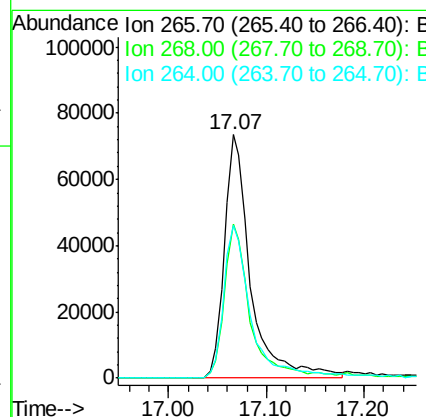
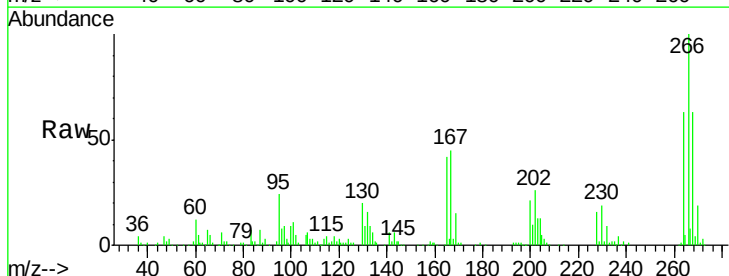
Instrument :
 BNA_G
 ClientSampled :

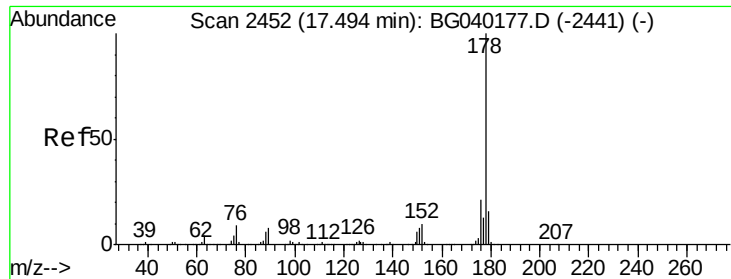
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.1	47.1
215	47.7	30.9	70.9



#70
 Pentachlorophenol
 Concen: 1843.947 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.02 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	55.0	82.4
264	67.6	51.8	77.8





#71

Phenanthrene

Concen: 1205.699 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampleId :

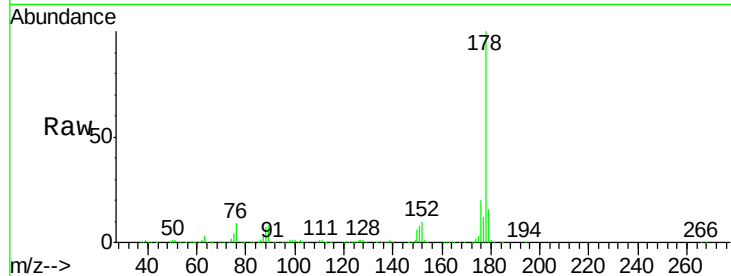
Tot Ion:178 Resp: 720876

Ion Ratio Lower Upper

178 100

176 19.7 16.7 25.1

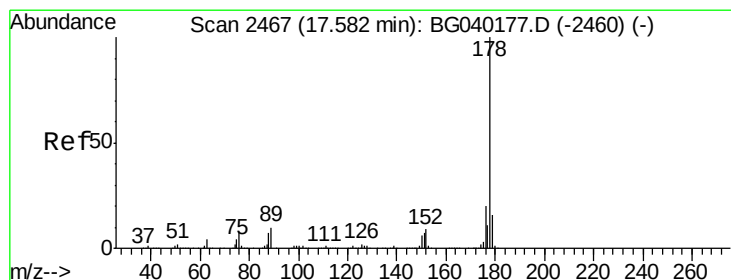
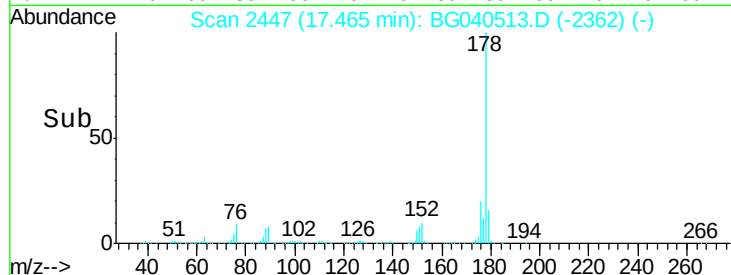
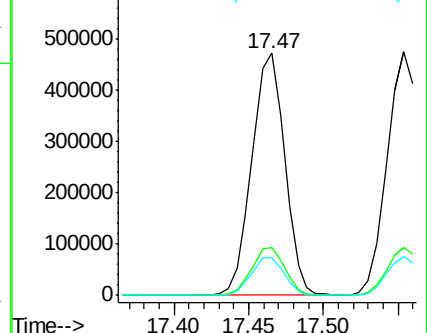
179 15.7 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 1227.118 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

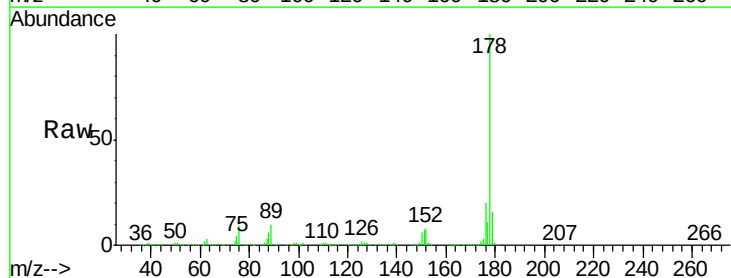
Tgt Ion:178 Resp: 734358

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

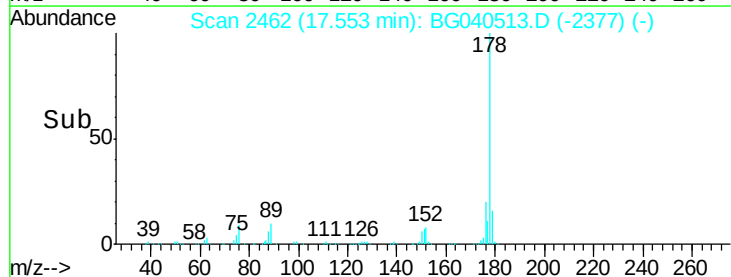
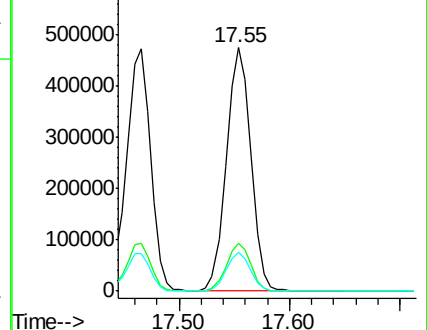
179 16.2 12.9 19.3

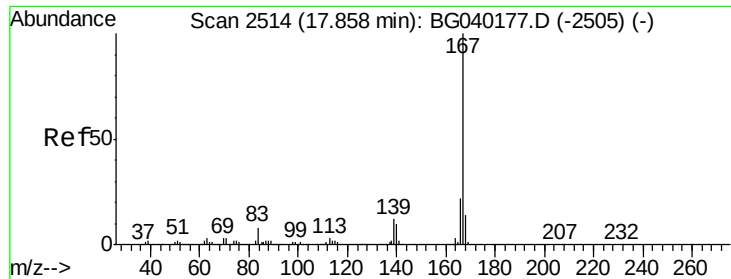


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 1206.040 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampleId :

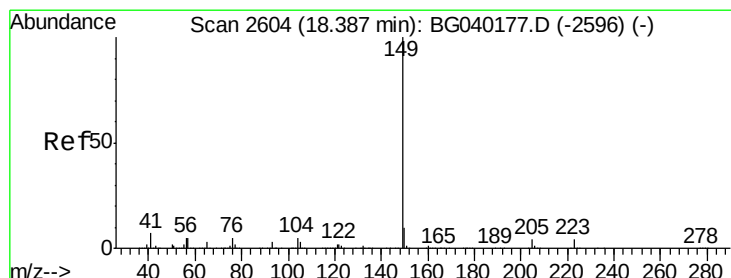
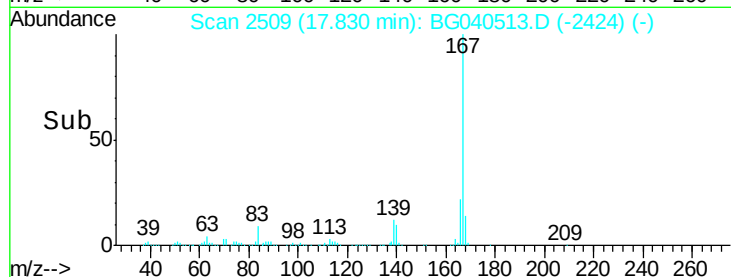
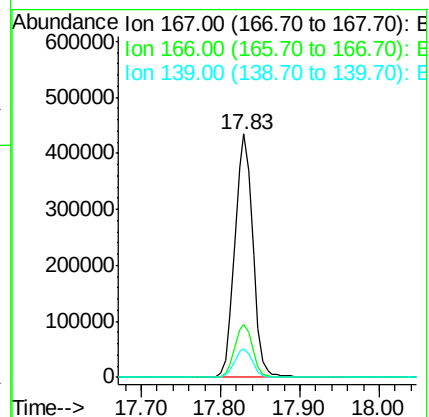
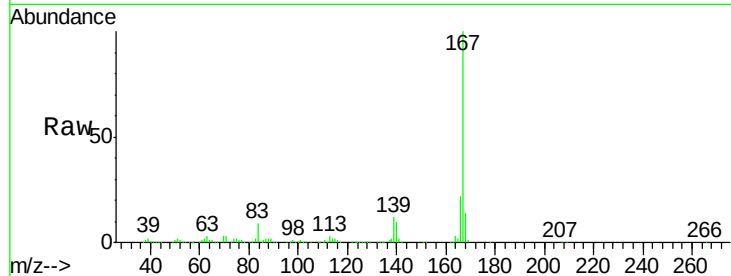
Tot Ion:167 Resp: 683048

Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

139 11.9 10.0 15.0



#74

Di-n-butylphthalate

Concen: 1240.672 ng

RT: 18.36 min Scan# 2599

Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

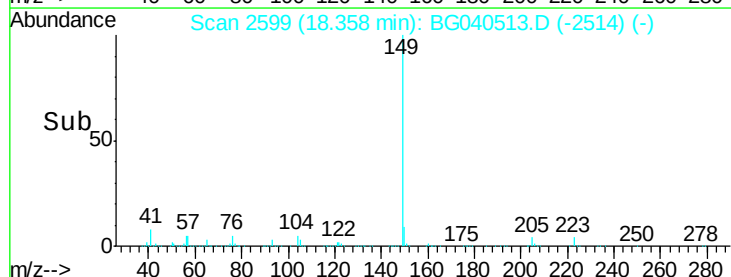
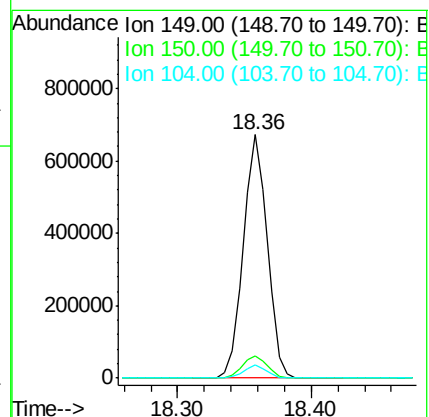
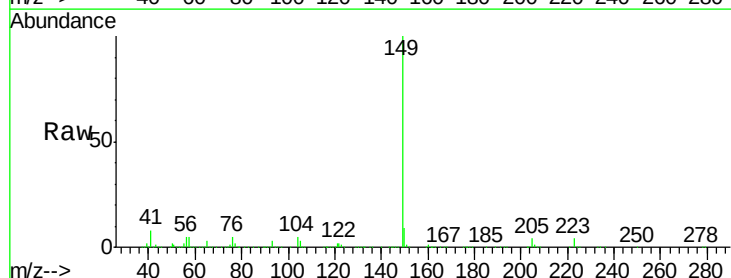
Tgt Ion:149 Resp: 832901

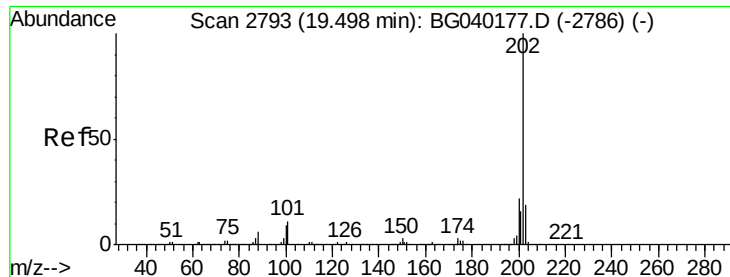
Ion Ratio Lower Upper

149 100

150 9.3 7.9 11.9

104 5.4 4.1 6.1





#75

Fluoranthene

Concen: 1227.525 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040513.D

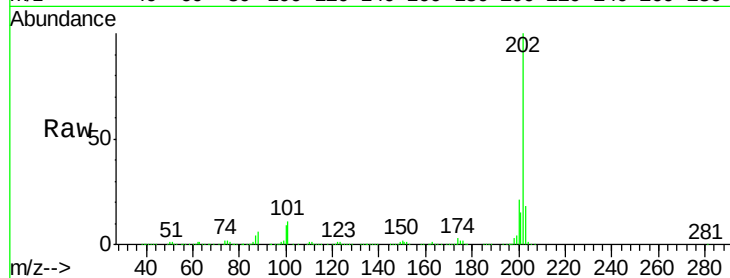
Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	869061
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.8
203	18.5	0.0	38.9

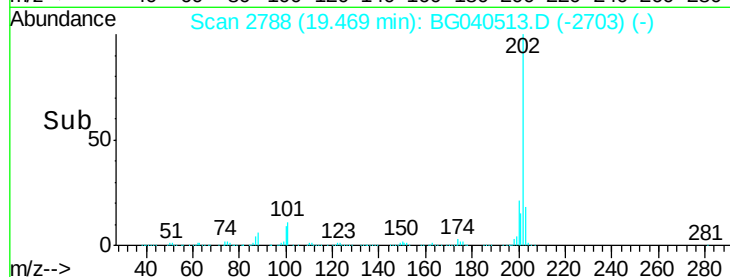


Abundance Ion 202.00 (201.70 to 202.70): E

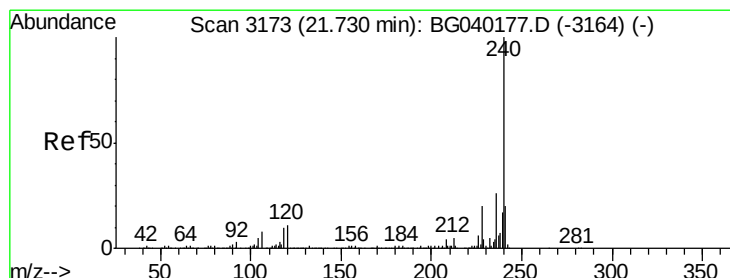
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.47



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

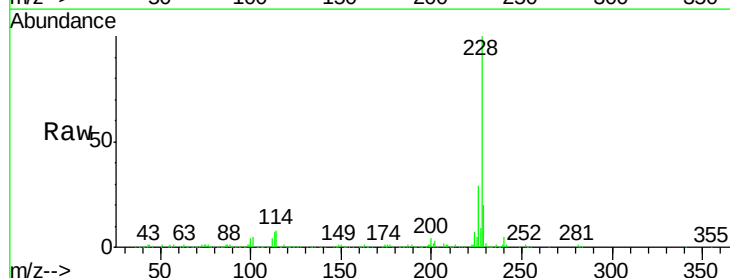
RT: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Tgt Ion:	240	Resp:	10558
Ion	Ratio	Lower	Upper
240	100		
120	7.8	8.4	12.6#
236	21.5	20.8	31.2

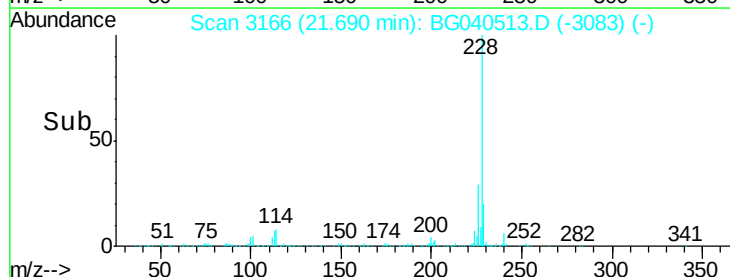


Abundance Ion 240.00 (239.70 to 240.70): E

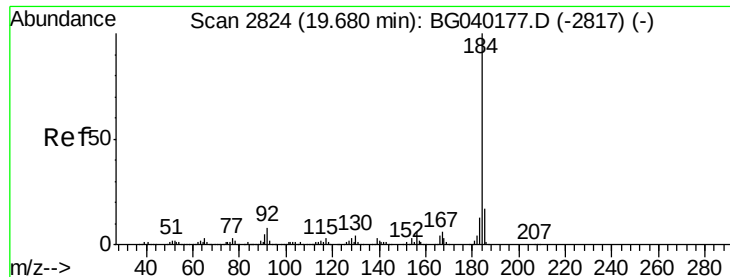
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.69



Time-->



#77

Benzidine

Concen: 447.415 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampleId :

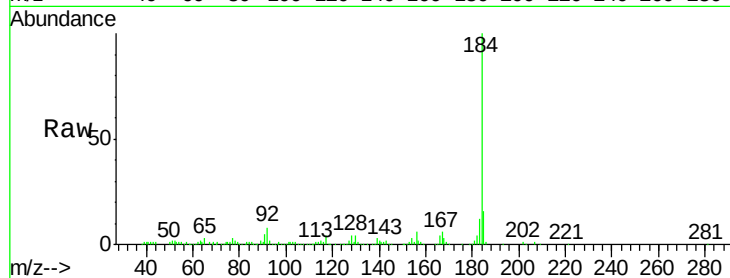
Tot Ion:184 Resp: 170582

Ion Ratio Lower Upper

184 100

185 16.1 13.3 19.9

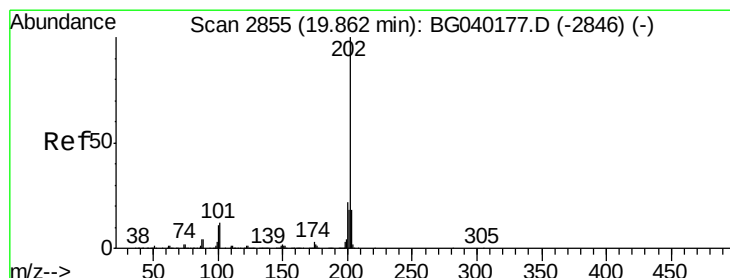
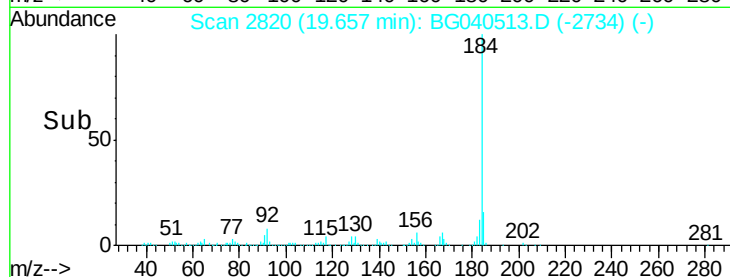
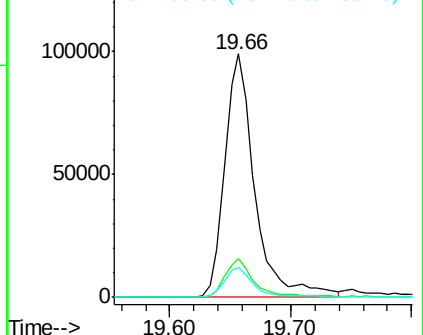
183 12.1 10.3 15.5



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: 1253.273 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

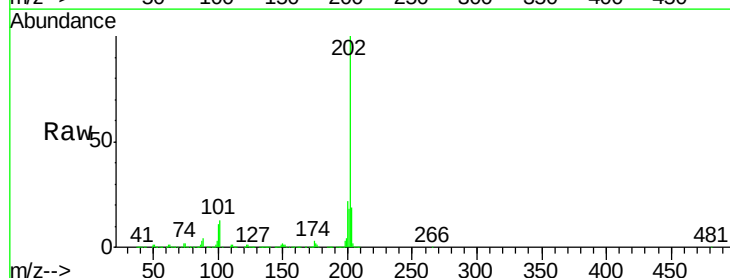
Tgt Ion:202 Resp: 870157

Ion Ratio Lower Upper

202 100

200 21.6 17.3 25.9

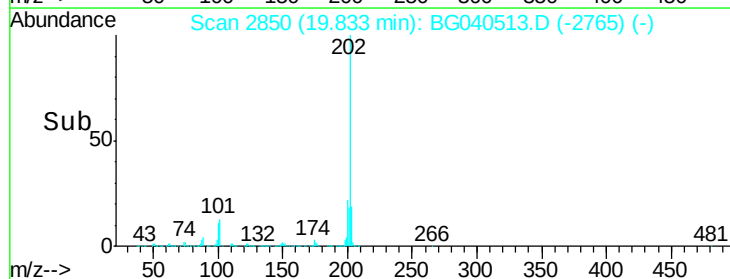
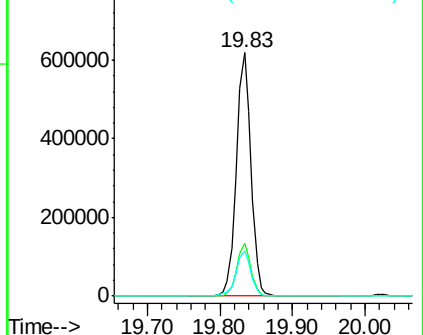
203 18.6 14.6 22.0

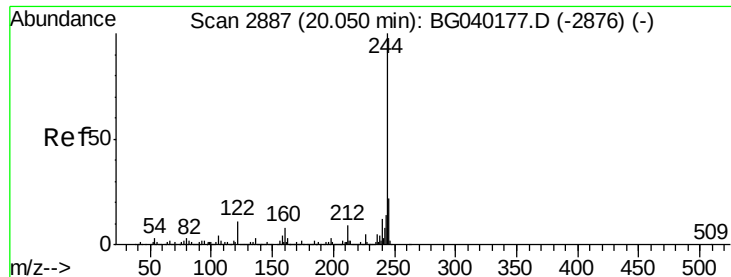


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 2485.598 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampled :

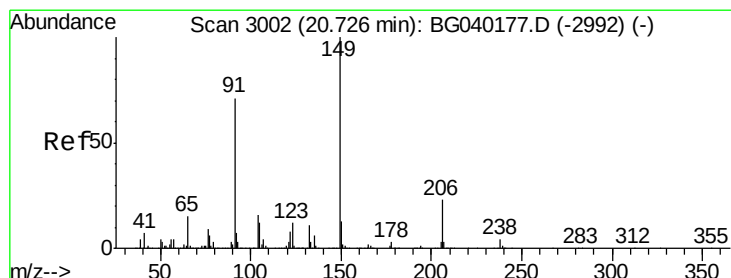
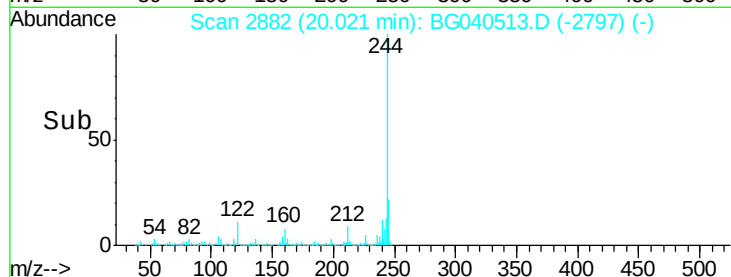
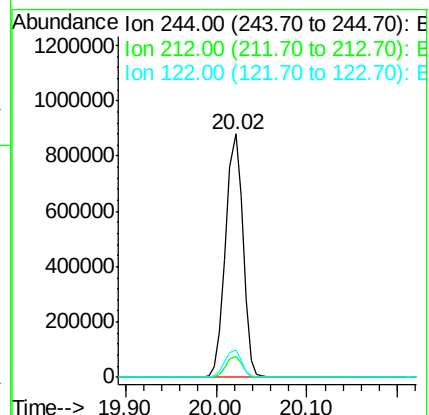
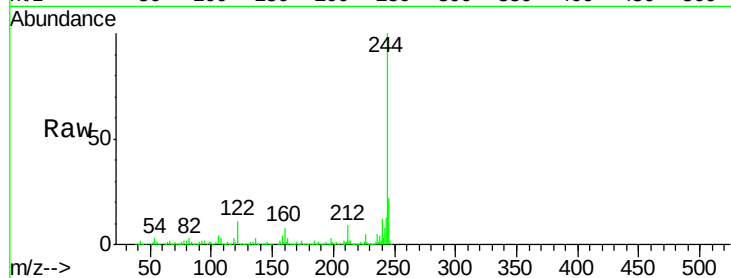
Tot Ion:244 Resp: 1166533

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

122 11.3 8.5 12.7



#80

Butylbenzylphthalate

Concen: 1304.757 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

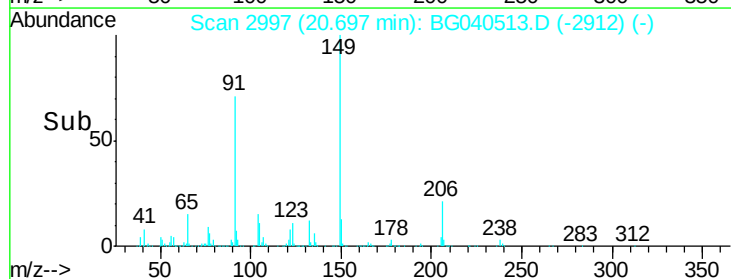
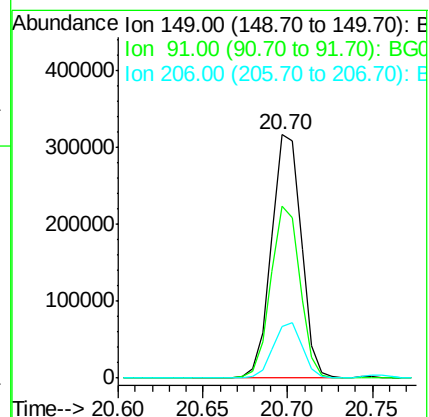
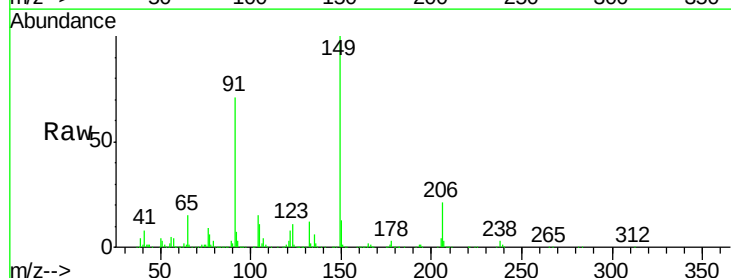
Tgt Ion:149 Resp: 387647

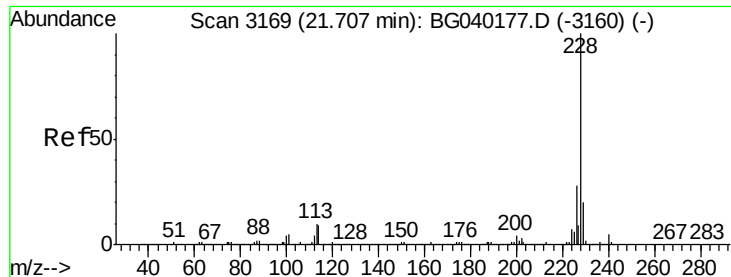
Ion Ratio Lower Upper

149 100

91 70.6 57.0 85.4

206 21.0 18.2 27.4





#81

Benzo(a)anthracene

Concen: 1201.818 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampleId :

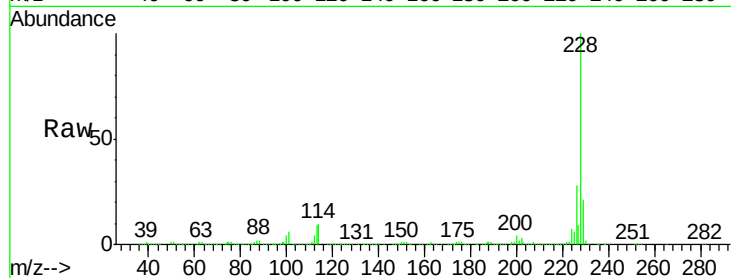
Tot Ion:228 Resp: 781561

Ion Ratio Lower Upper

228 100

226 28.3 22.6 34.0

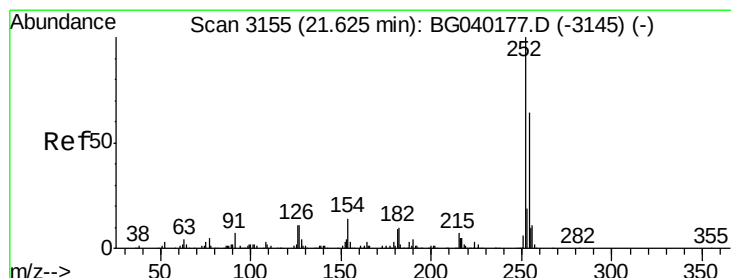
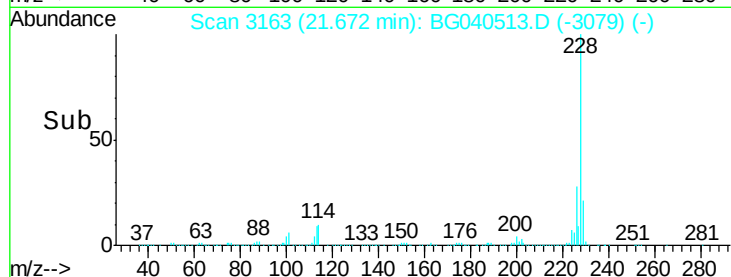
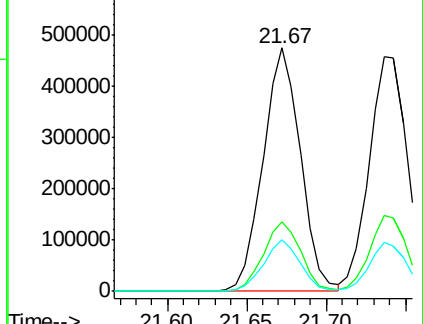
229 21.2 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 613.227 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

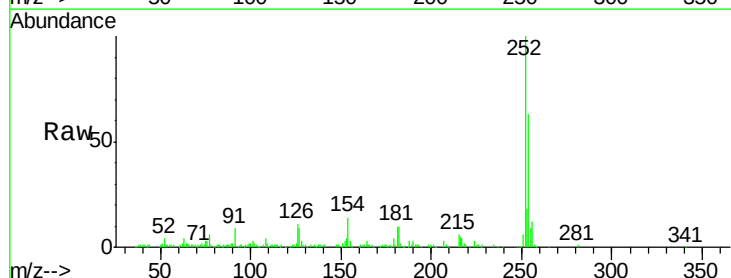
Tgt Ion:252 Resp: 151702

Ion Ratio Lower Upper

252 100

254 63.4 51.4 77.2

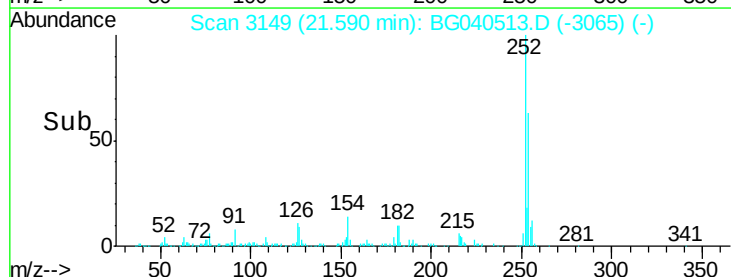
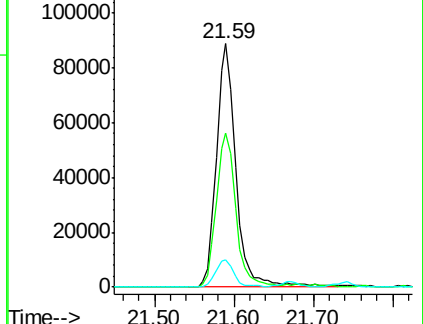
126 11.2 8.5 12.7

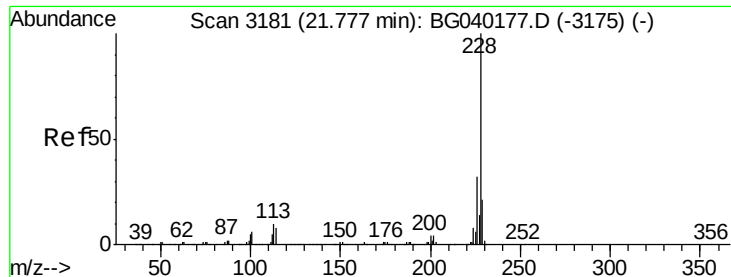


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

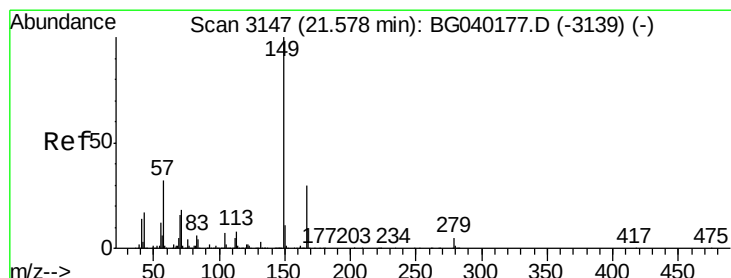
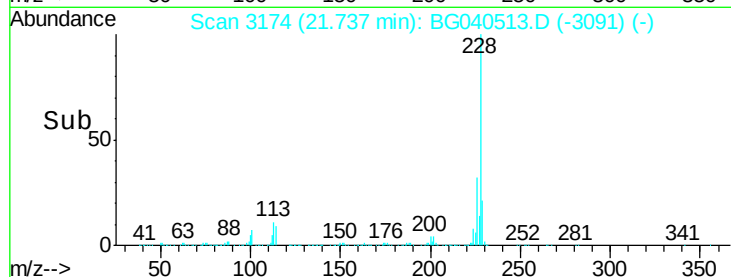
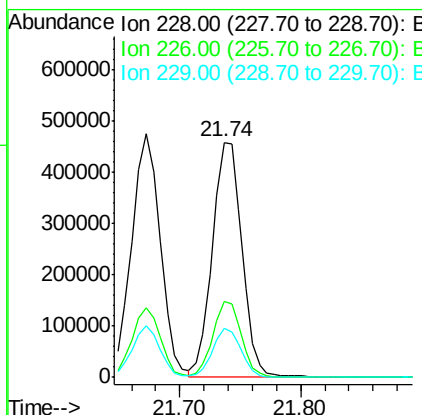
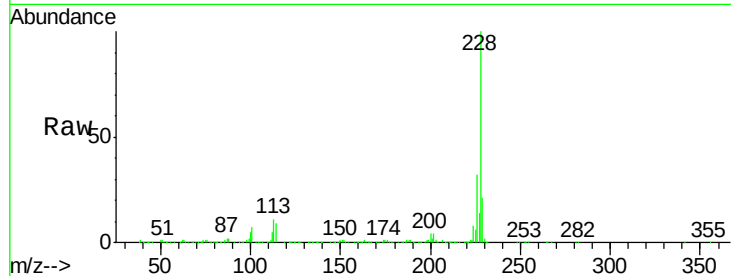




#83
 Chrysene
 Concen: 1232.845 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.04 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

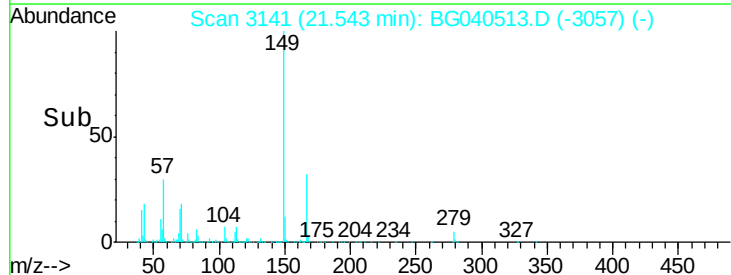
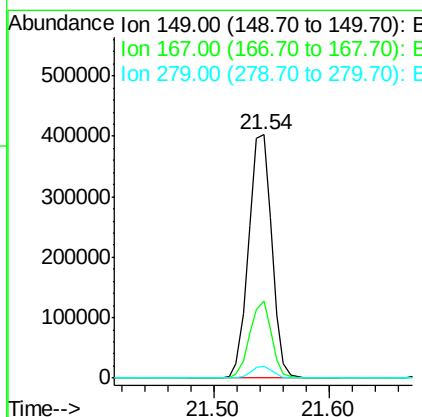
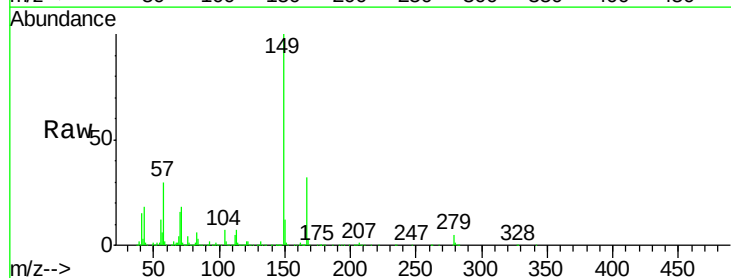
Instrument :
 BNA_G
 ClientSampleId :

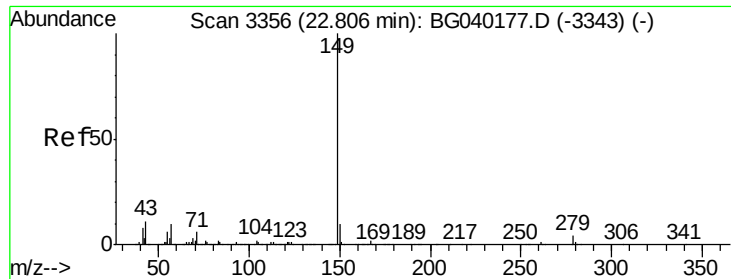
Tot Ion:228 Resp: 770519
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.4 38.0
 229 20.7 17.0 25.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1322.634 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Tgt Ion:149 Resp: 561723
 Ion Ratio Lower Upper
 149 100
 167 31.6 24.1 36.1
 279 4.8 4.1 6.1

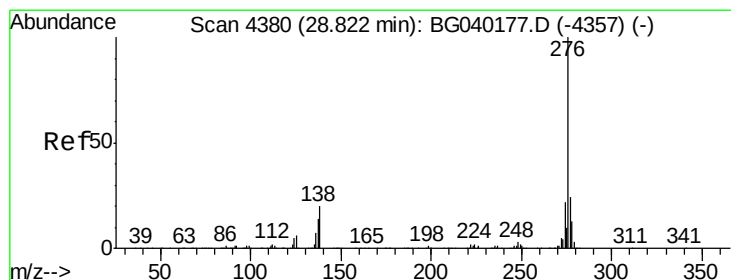
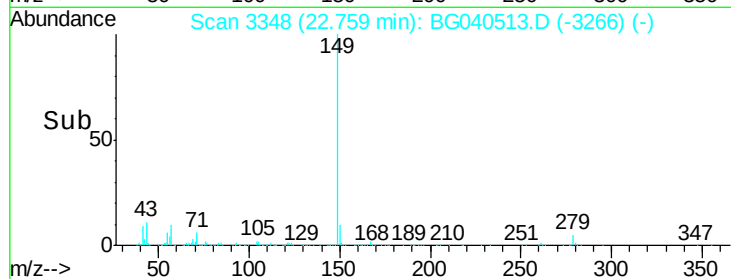
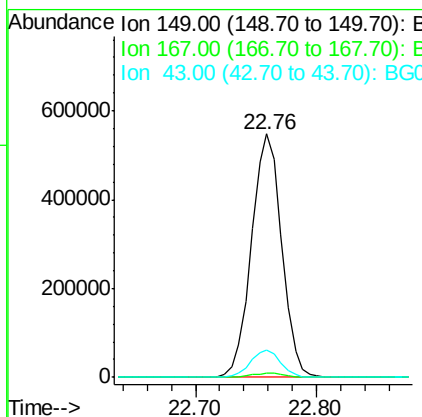
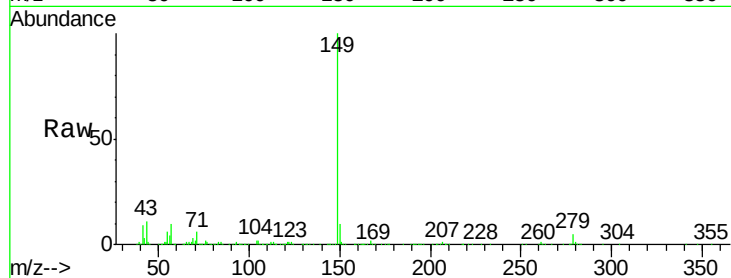




#85
Di-n-octyl phthalate
Concen: 1314.272 ng
RT: 22.76 min Scan# 3348
Delta R.T. -0.05 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

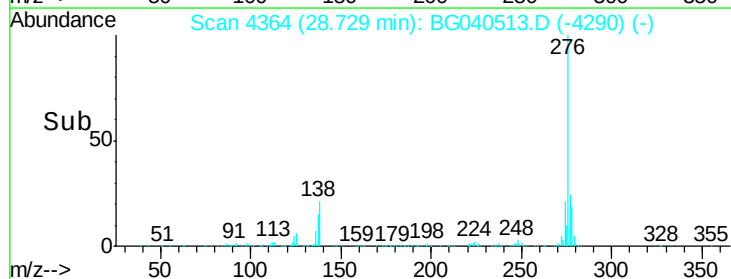
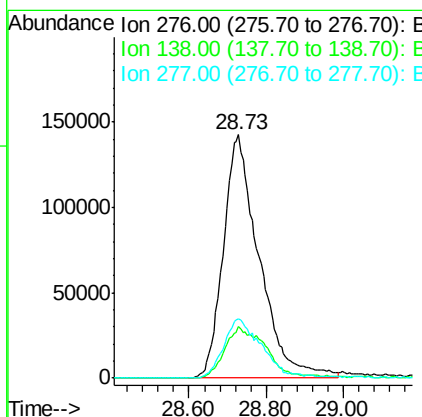
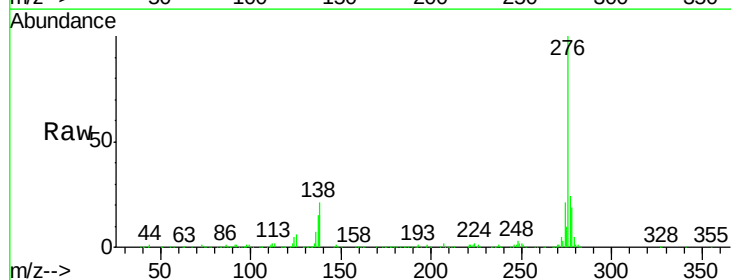
Instrument :
BNA_G
ClientSampleId :

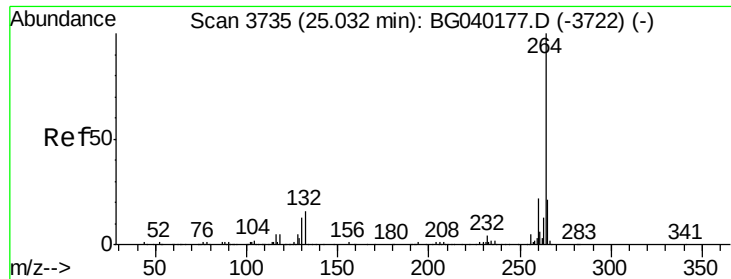
Tot Ion:149 Resp: 950988
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 11.0 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 1208.335 ng
RT: 28.73 min Scan# 4364
Delta R.T. -0.09 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Tgt Ion:276 Resp: 923660
Ion Ratio Lower Upper
276 100
138 23.8 18.8 28.2
277 25.6 21.0 31.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampleId :

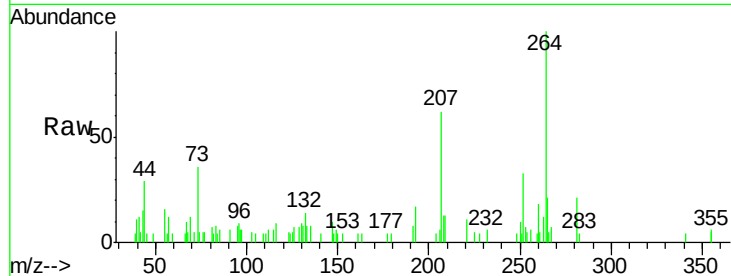
Tot Ion:264 Resp: 12862

Ion Ratio Lower Upper

264 100

260 18.0 17.9 26.9

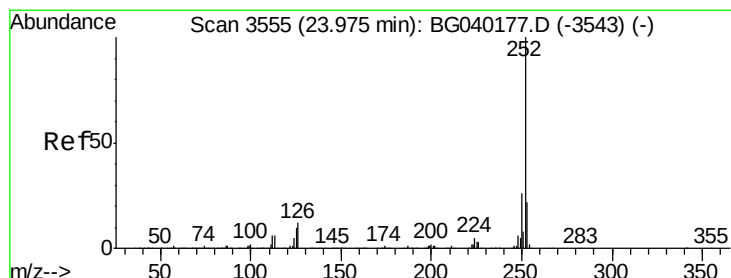
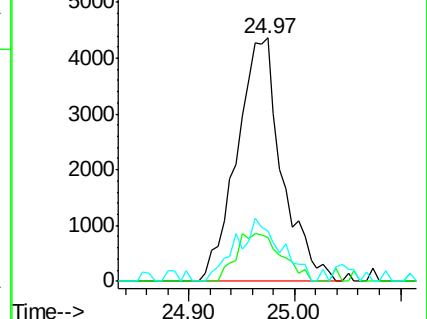
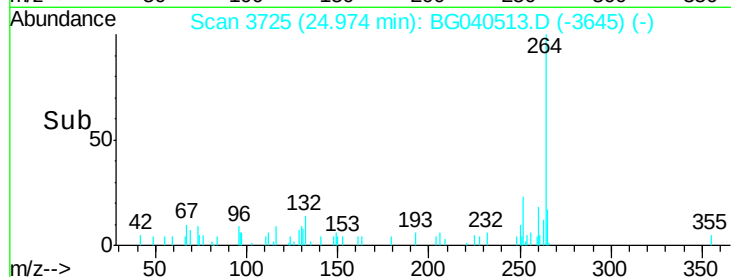
265 20.6 16.8 25.2



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: 1047.809 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.06 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

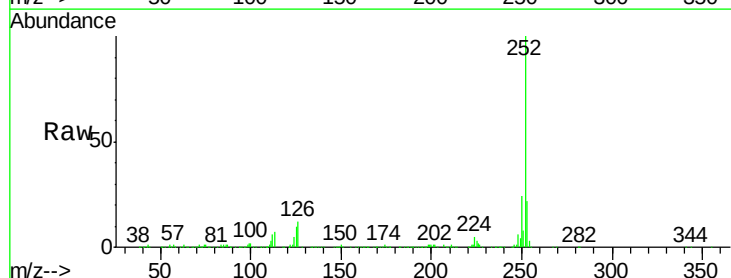
Tgt Ion:252 Resp: 825110

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

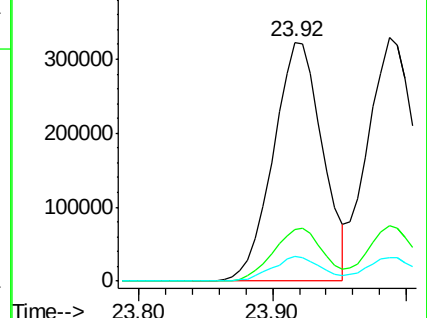
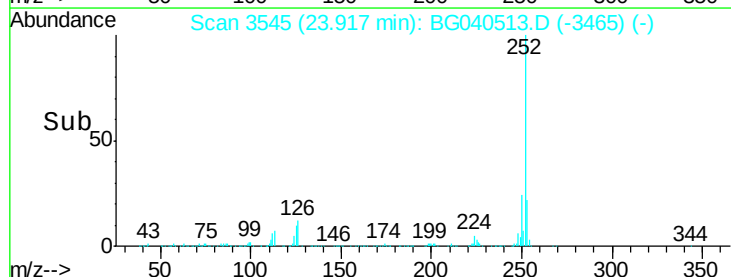
125 10.2 8.2 12.4

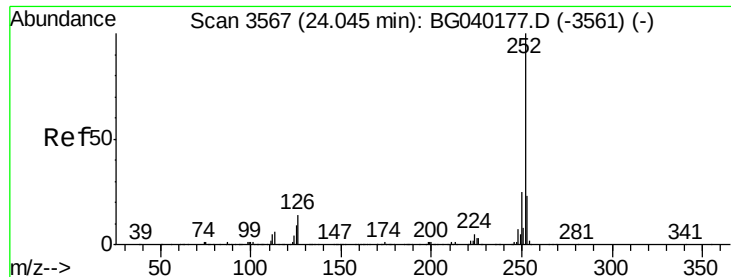


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 1124.378 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.06 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampleId :

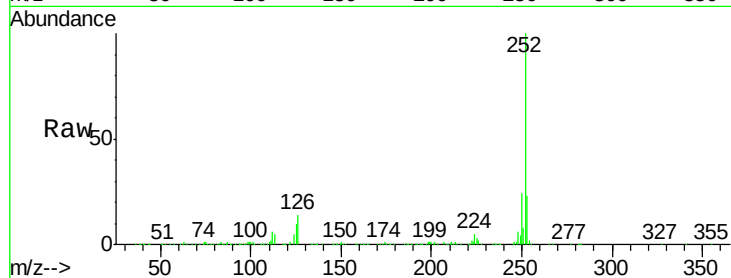
Tot Ion:252 Resp: 814229

Ion Ratio Lower Upper

252 100

253 22.6 18.6 28.0

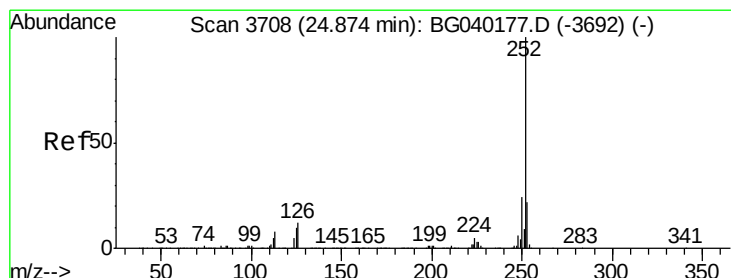
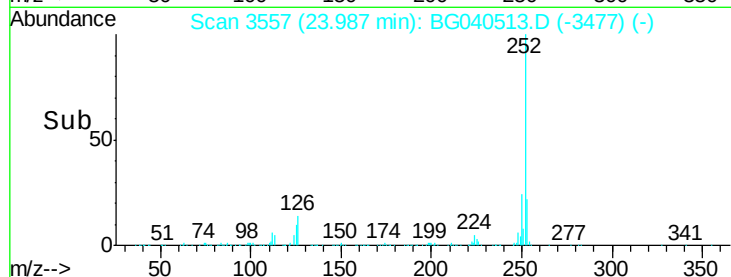
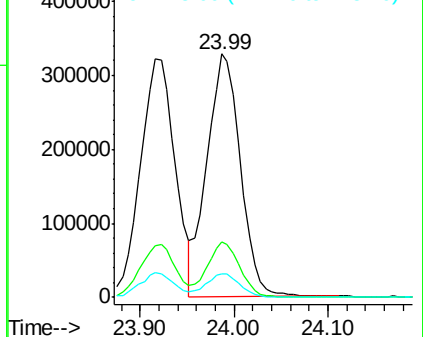
125 9.8 7.3 10.9



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: 1104.956 ng

RT: 24.82 min Scan# 3698

Delta R.T. -0.06 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

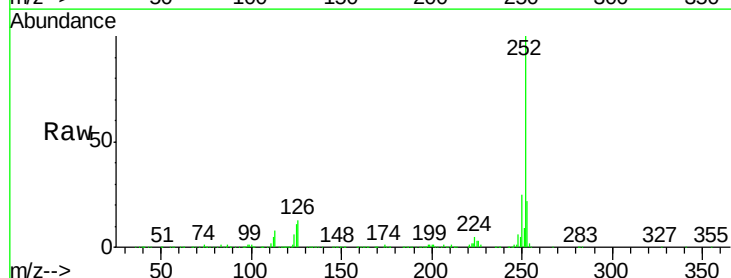
Tgt Ion:252 Resp: 816390

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

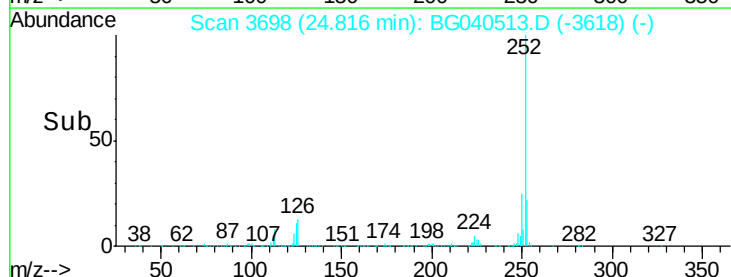
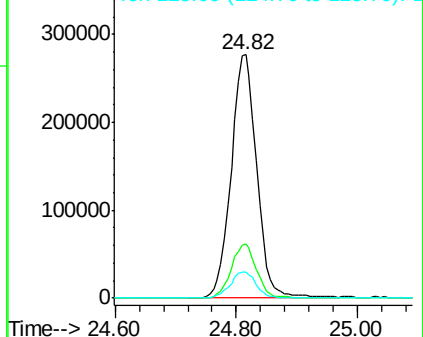
125 10.9 8.3 12.5

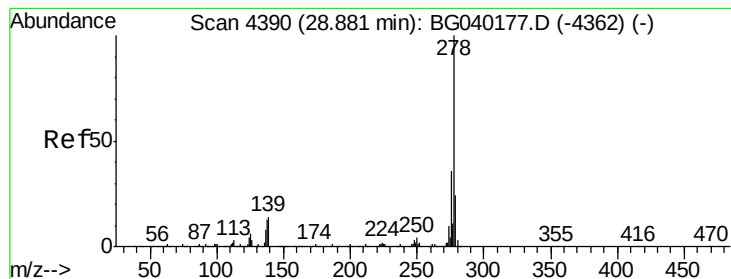


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 1081.306 ng

RT: 28.79 min Scan# 4374

Delta R.T. -0.09 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampleId :

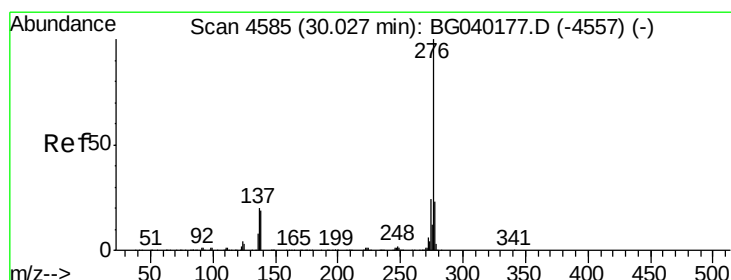
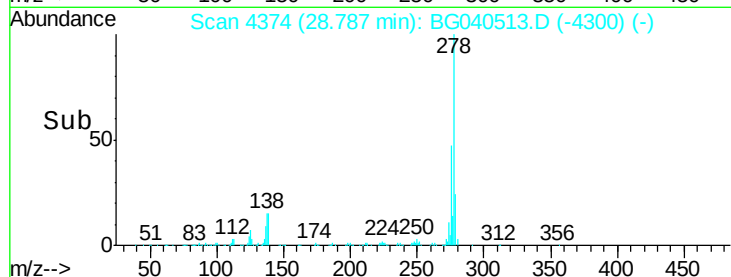
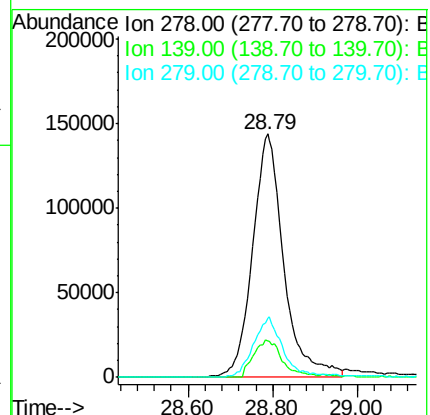
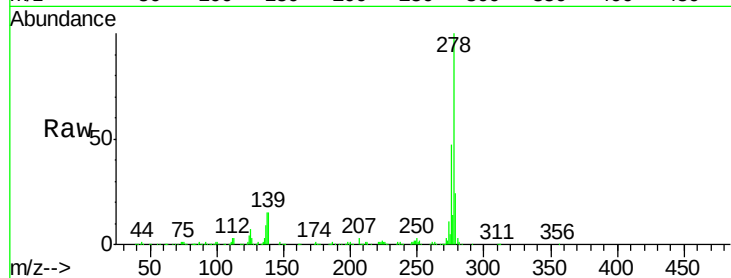
Tot Ion:278 Resp: 741998

Ion Ratio Lower Upper

278 100

139 14.8 11.2 16.8

279 24.4 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 1071.854 ng

RT: 29.92 min Scan# 4566

Delta R.T. -0.11 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Tgt Ion:276 Resp: 755889

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 19.0 15.2 22.8

