

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041619\
 Data File : BG040515.D
 Acq On : 16 Apr 2019 22:52
 Operator : JU/SJ
 Sample : PB118917BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 17 00:53:26 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	58347	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	249326	20.00	ng	-0.03
39) Acenaphthene-d10	14.67	164	158213	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	412166	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	411877	20.00	ng	-0.04
87) Perylene-d12	24.97	264	394536	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	479764	136.69	ng	-0.02
7) Phenol-d6	7.20	99	653458	134.72	ng	-0.02
23) Nitrobenzene-d5	9.22	82	407705	86.92	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	251662	147.18	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	922867	86.43	ng	-0.03
79) Terphenyl-d14	20.02	244	1530671	83.60	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	56719	34.368	ng	96
3) Pyridine	3.89	79	136143	30.639	ng	95
4) n-Nitrosodimethylamine	3.81	42	75998	36.974	ng	# 90
6) Aniline	7.37	93	193274	30.669	ng	97
8) 2-Chlorophenol	7.61	128	167802	40.842	ng	97
9) Benzaldehyde	7.19	77	75202	22.602	ng	100
10) Phenol	7.23	94	220389	41.860	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	163565	38.788	ng	97
12) 1,3-Dichlorobenzene	7.93	146	171890	38.487	ng	96
13) 1,4-Dichlorobenzene	8.08	146	173526	39.010	ng	99
14) 1,2-Dichlorobenzene	8.40	146	164853	38.754	ng	98
15) Benzyl Alcohol	8.28	79	151932	38.893	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	317105	39.183	ng	98
17) 2-Methylphenol	8.48	107	151230	41.510	ng	98
18) Hexachloroethane	9.12	117	63400	37.470	ng	98
19) n-Nitroso-di-n-propylamine	8.84	70	132557	38.116	ng	99
20) 3+4-Methylphenols	8.81	107	208680	42.282	ng	96
22) Acetophenone	8.87	105	255479	41.078	ng	# 98
24) Nitrobenzene	9.27	77	194456	40.033	ng	100
25) Isophorone	9.77	82	382750	39.657	ng	98
26) 2-Nitrophenol	9.97	139	97275	42.264	ng	97
27) 2,4-Dimethylphenol	10.02	122	166140	45.444	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	226834	39.725	ng	100
29) 2,4-Dichlorophenol	10.51	162	175972	44.345	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	176595	40.528	ng	98
31) Naphthalene	10.91	128	522724	40.902	ng	99
32) Benzoic acid	10.18	122	43183	19.550	ng	89
33) 4-Chloroaniline	11.02	127	140111	25.702	ng	99
34) Hexachlorobutadiene	11.16	225	108203	38.828	ng	96
35) Caprolactam	11.82	113	65082	41.328	ng	96
36) 4-Chloro-3-methylphenol	12.14	107	203278	44.559	ng	98
37) 2-Methylnaphthalene	12.51	142	396657	41.967	ng	99
38) 1-Methylnaphthalene	12.73	142	378715	41.320	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	201316	40.034	ng	99

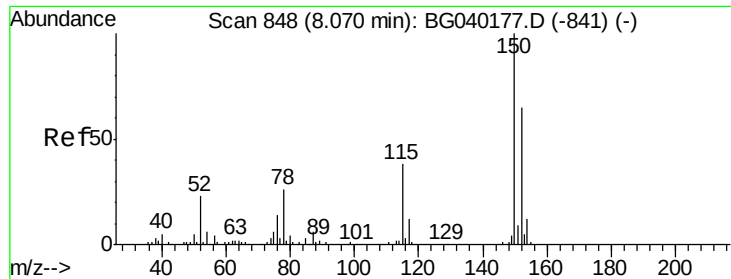
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041619\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	212259	76.876	ng	98
43) 2,4,6-Trichlorophenol	13.11	196	140165	43.233	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	147720	41.802	ng	96
46) 1,1'-Biphenyl	13.51	154	506089	40.484	ng	98
47) 2-Chloronaphthalene	13.55	162	392022	40.883	ng	97
48) 2-Nitroaniline	13.77	65	143417	44.341	ng	95
49) Acenaphthylene	14.40	152	653382	40.188	ng	100
50) Dimethylphthalate	14.12	163	515398	41.624	ng	100
51) 2,6-Dinitrotoluene	14.26	165	118668	42.682	ng	98
52) Acenaphthene	14.74	154	378476	40.626	ng	98
53) 3-Nitroaniline	14.59	138	94916	32.251	ng	94
54) 2,4-Dinitrophenol	14.80	184	109258	73.892	ng	95
55) Dibenzofuran	15.07	168	632413	42.247	ng	99
56) 4-Nitrophenol	14.90	139	190446	80.179	ng	97
57) 2,4-Dinitrotoluene	15.05	165	172101	44.548	ng	97
58) Fluorene	15.72	166	497350	42.258	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	153619	47.905	ng	99
60) Diethylphthalate	15.48	149	552903	43.636	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	269516	42.841	ng	97
62) 4-Nitroaniline	15.76	138	140754	44.566	ng	98
63) Azobenzene	16.00	77	519305	43.450	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	87696	37.872	ng	94
66) n-Nitrosodiphenylamine	15.93	169	479733	39.775	ng	96
67) 4-Bromophenyl-phenylether	16.60	248	180649	38.947	ng	96
68) Hexachlorobenzene	16.72	284	184522	39.566	ng	98
69) Atrazine	16.87	200	180273	40.180	ng	99
70) Pentachlorophenol	17.07	266	190785	70.760	ng	95
71) Phenanthrene	17.46	178	877783	40.518	ng	99
72) Anthracene	17.56	178	895923	41.317	ng	100
73) Carbazole	17.83	167	854749	41.651	ng	99
74) Di-n-butylphthalate	18.36	149	1034053	42.509	ng	98
75) Fluoranthene	19.47	202	1086184	42.341	ng	99
77) Benzidine	19.65	184	382201	25.697	ng	97
78) Pyrene	19.83	202	1087888	40.165	ng	99
80) Butylbenzylphthalate	20.70	149	493345	42.566	ng	98
81) Benzo(a)anthracene	21.67	228	991215	39.071	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	288353	29.879	ng	99
83) Chrysene	21.74	228	969211	39.752	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	714984	43.155	ng	100
85) Di-n-octyl phthalate	22.76	149	1212663	42.960	ng	100
86) Indeno(1,2,3-cd)pyrene	28.73	276	1139423	38.210	ng	# 77
88) Benzo(b)fluoranthene	23.92	252	1050685	43.498	ng	99
89) Benzo(k)fluoranthene	23.99	252	1022351	46.024	ng	98
90) Benzo(a)pyrene	24.81	252	1032478	45.556	ng	99
91) Dibenzo(a,h)anthracene	28.79	278	936907	44.511	ng	99
92) Benzo(g,h,i)perylene	29.92	276	957162	44.247	ng	98

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

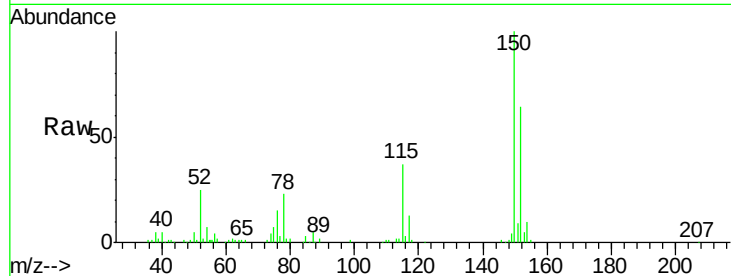


#1

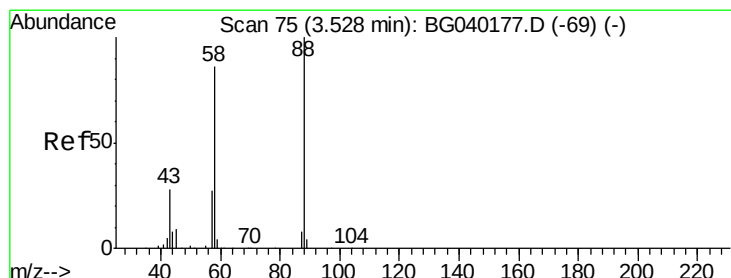
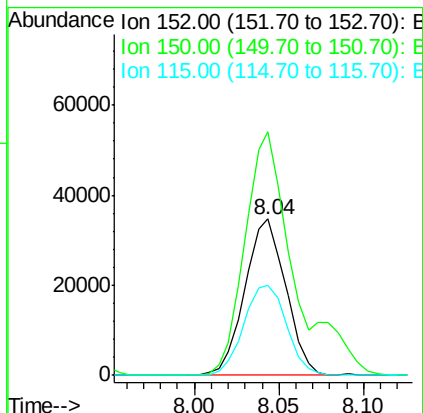
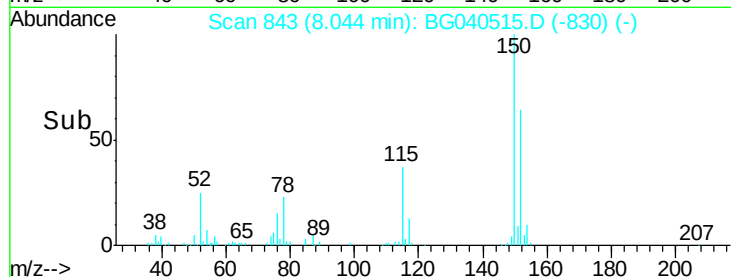
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040515.D
Acq: 16 Apr 2019 22:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58347
Ion Ratio Lower Upper
152 100
150 155.7 123.7 185.5
115 57.6 46.9 70.3



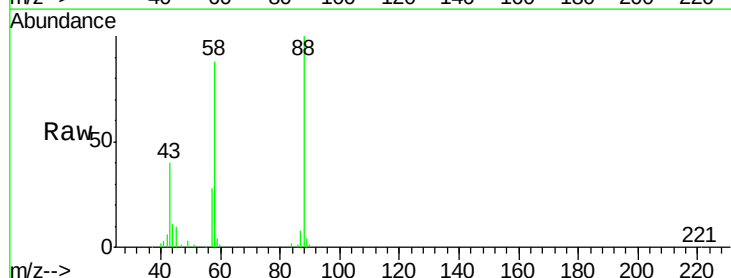
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



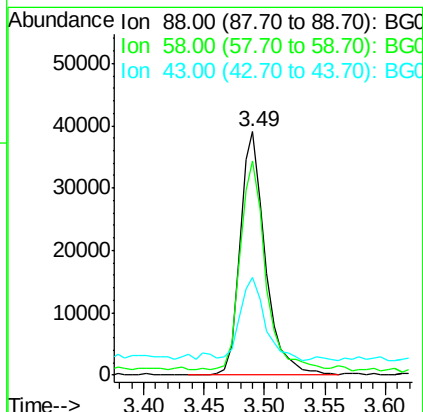
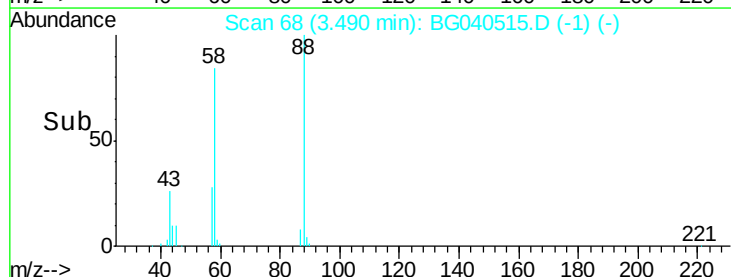
#2

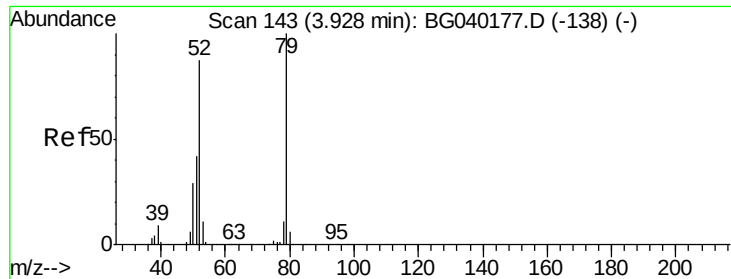
1,4-Dioxane
Concen: 34.368 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.04 min
Lab File: BG040515.D
Acq: 16 Apr 2019 22:52

Tgt Ion: 88 Resp: 56719
Ion Ratio Lower Upper
88 100
58 84.9 70.6 106.0
43 34.2 24.8 37.2



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





#3

Pvridine

Concen: 30.639 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.04 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

Instrument :

BNA_G

ClientSampleId :

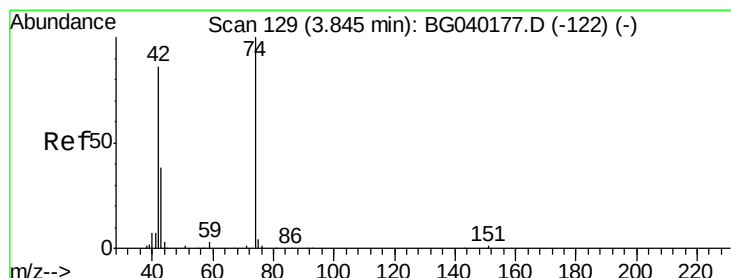
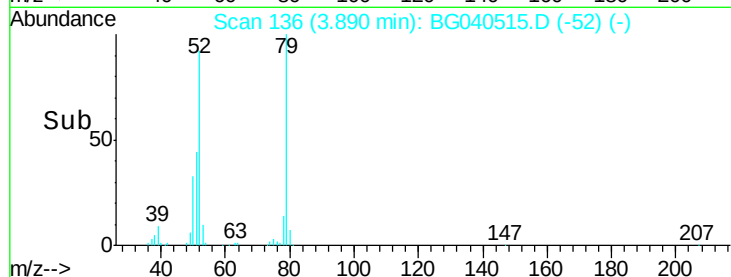
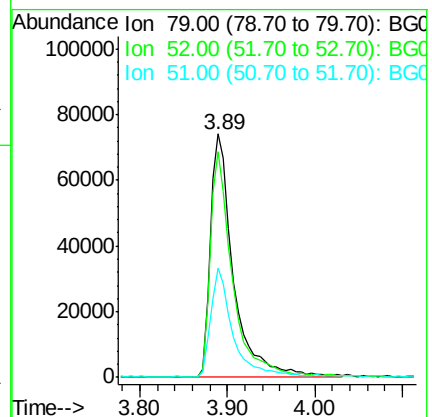
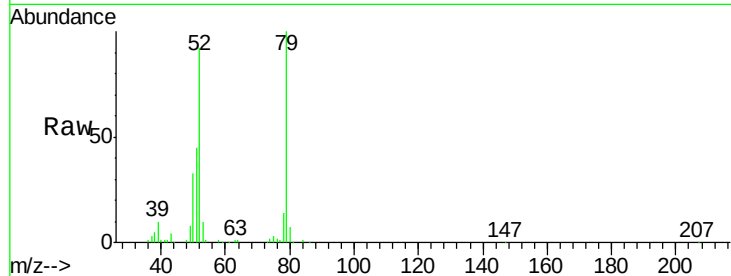
Tot Ion: 79 Resp: 136143

Ion Ratio Lower Upper

79 100

52 92.5 69.8 104.8

51 44.7 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 36.974 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

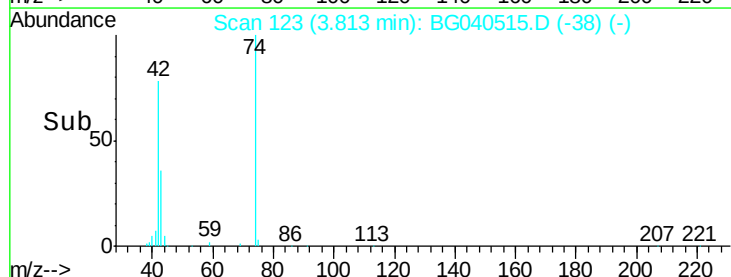
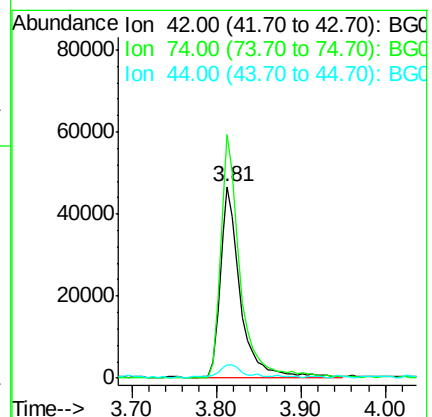
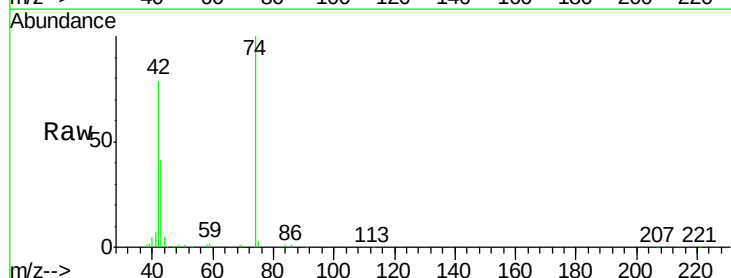
Tgt Ion: 42 Resp: 75998

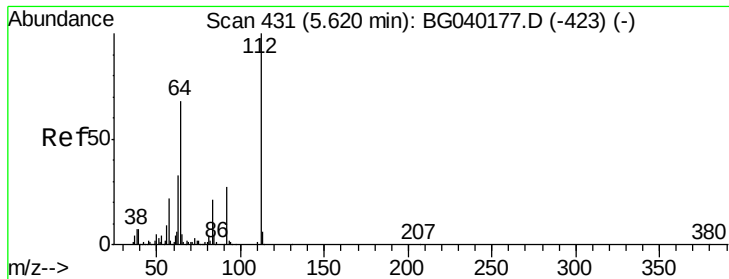
Ion Ratio Lower Upper

42 100

74 127.0 92.9 139.3

44 7.0 9.7 14.5#





#5

2-Fluorophenol

Concen: 136.693 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG040515.D

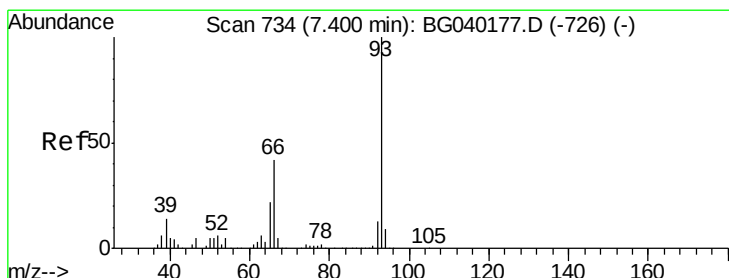
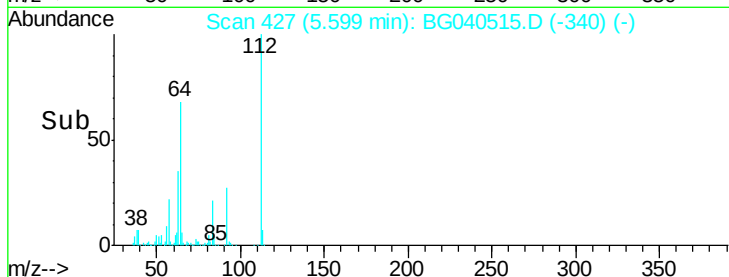
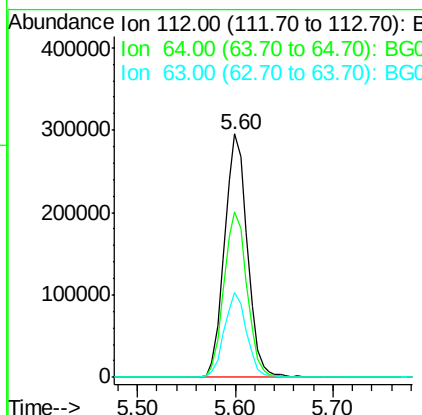
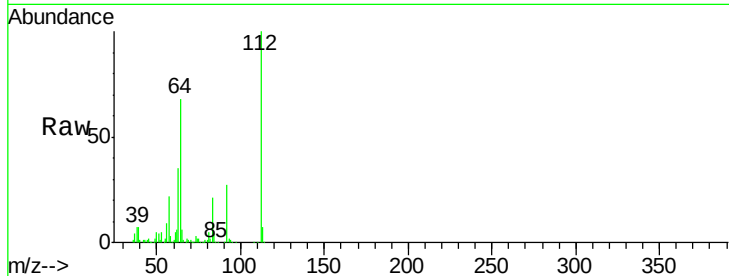
Acq: 16 Apr 2019 22:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	479764
Ion	Ratio	Lower	Upper
112	100		
64	67.9	54.2	81.2
63	35.1	26.4	39.6



#6

Aniline

Concen: 30.669 ng

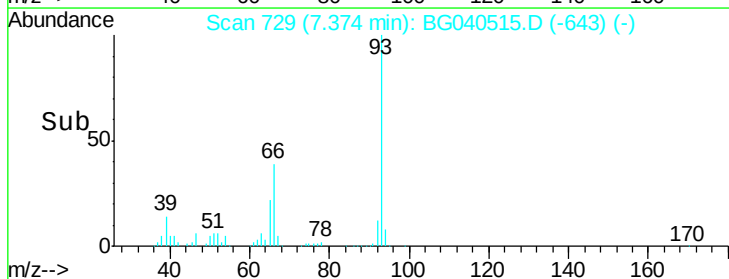
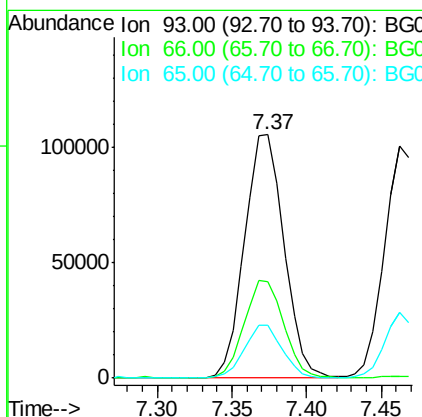
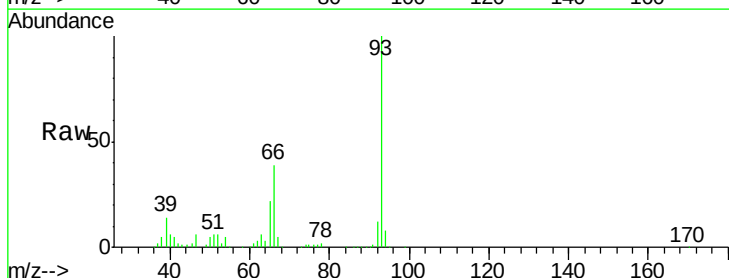
RT: 7.37 min Scan# 729

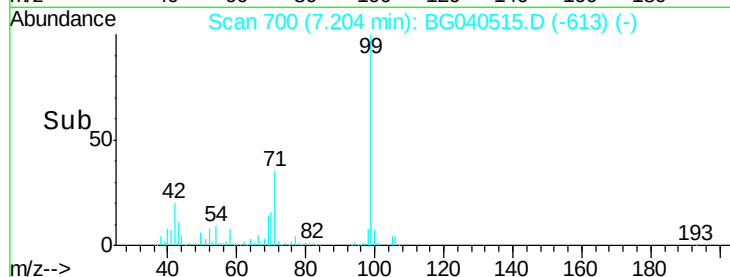
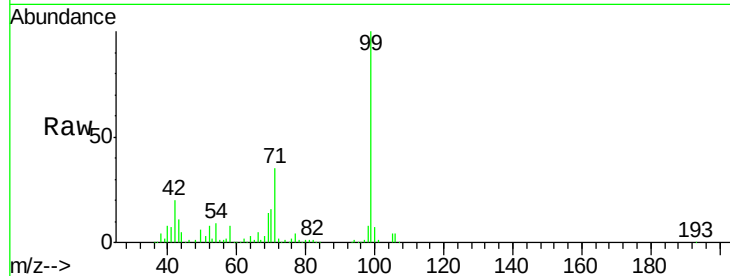
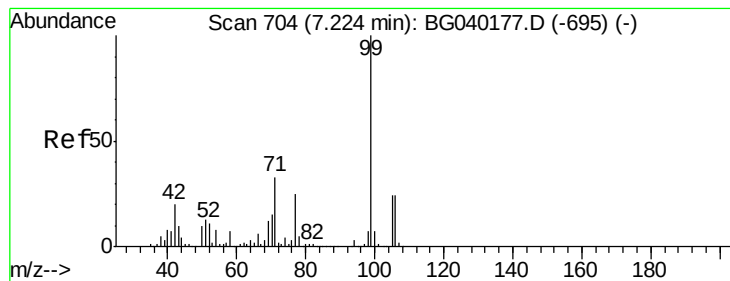
Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

Tgt Ion:	93	Resp:	193274
Ion	Ratio	Lower	Upper
93	100		
66	39.5	33.6	50.4
65	22.0	17.4	26.2





#7

Phenol-d6

Concen: 134.718 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

Instrument :

BNA_G

ClientSampled :

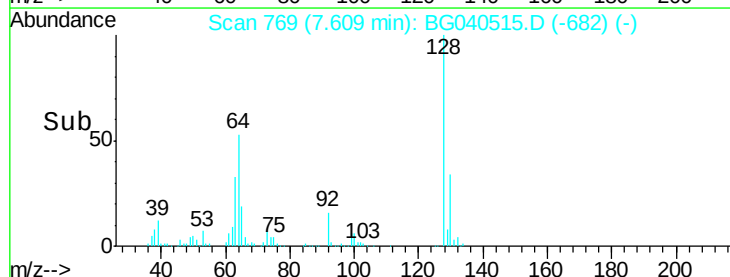
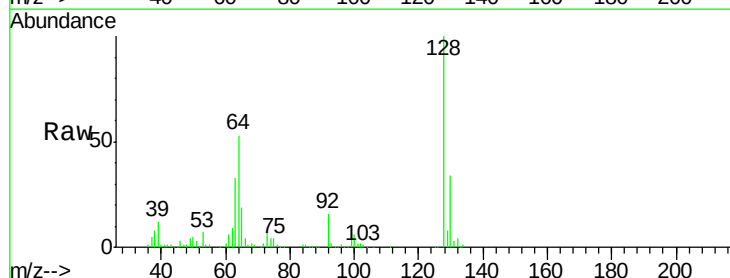
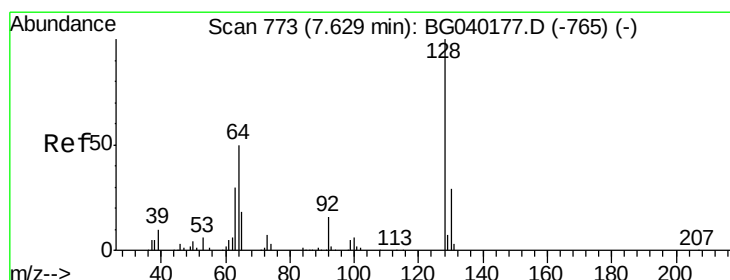
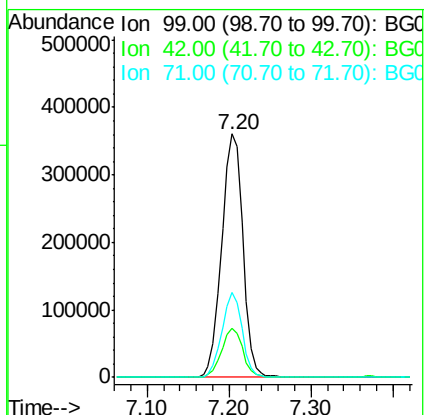
Tot Ion: 99 Resp: 653458

Ion Ratio Lower Upper

99 100

42 20.1 16.2 24.2

71 34.9 26.8 40.2



#8

2-Chlorophenol

Concen: 40.842 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

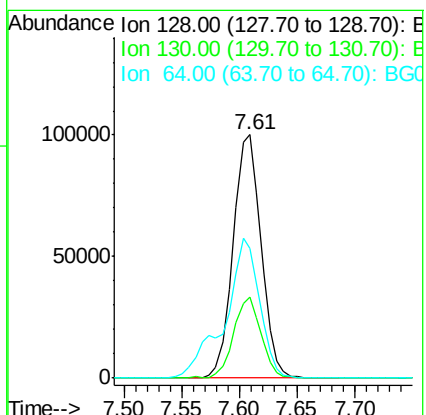
Tgt Ion: 128 Resp: 167802

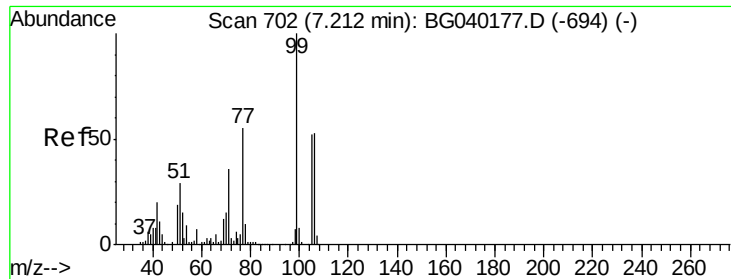
Ion Ratio Lower Upper

128 100

130 33.5 9.1 49.1

64 53.3 33.1 73.1





#9

Benzaldehyde

Concen: 22.602 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

Instrument :

BNA_G

ClientSampled :

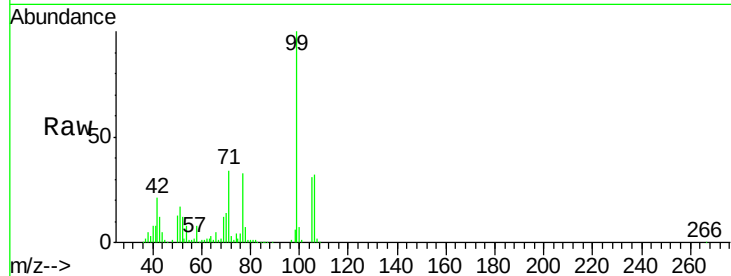
Tot Ion: 77 Resp: 75202

Ion Ratio Lower Upper

77 100

105 94.4 75.0 115.0

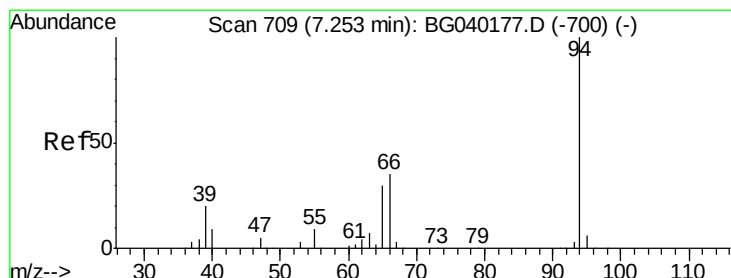
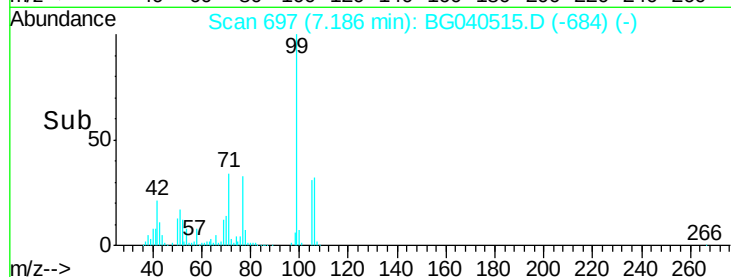
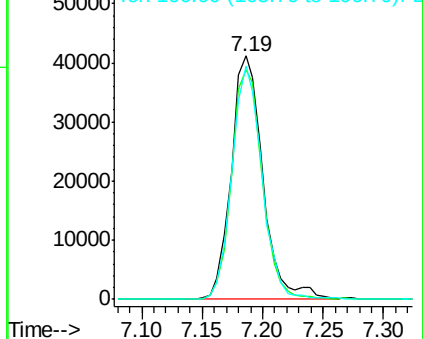
106 95.8 75.7 115.7



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: 41.860 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

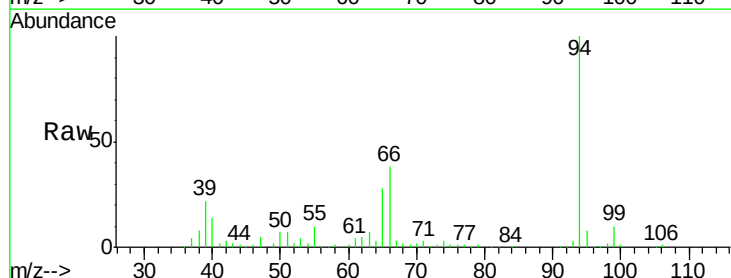
Tgt Ion: 94 Resp: 220389

Ion Ratio Lower Upper

94 100

65 28.5 10.5 50.5

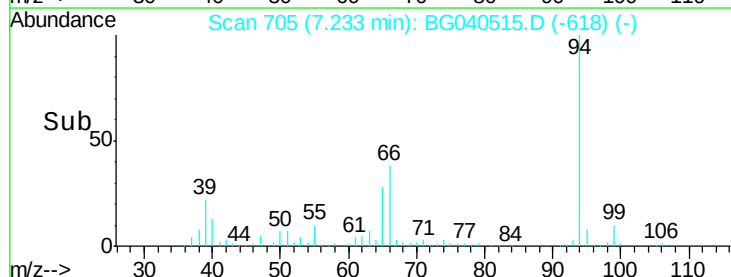
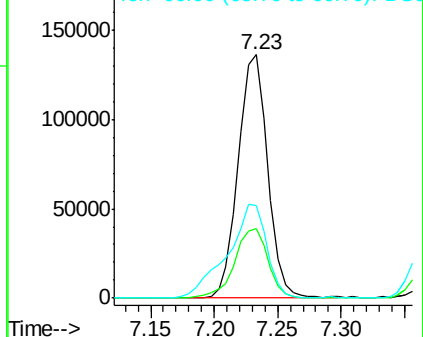
66 37.8 16.9 56.9

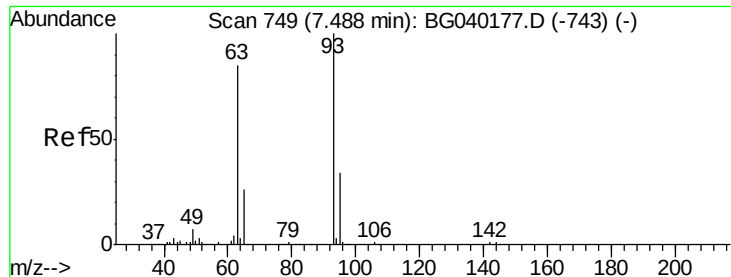


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 38.788 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

Instrument :

BNA_G

ClientSampleId :

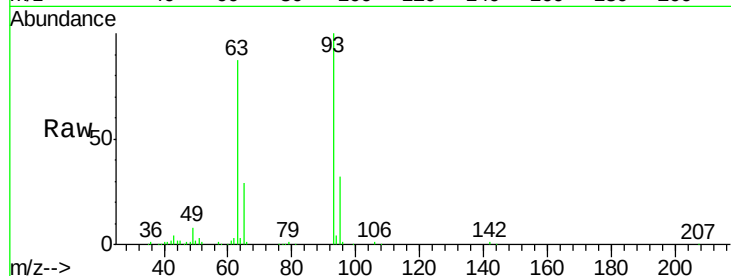
Tot Ion: 93 Resp: 163565

Ion Ratio Lower Upper

93 100

63 86.7 64.2 104.2

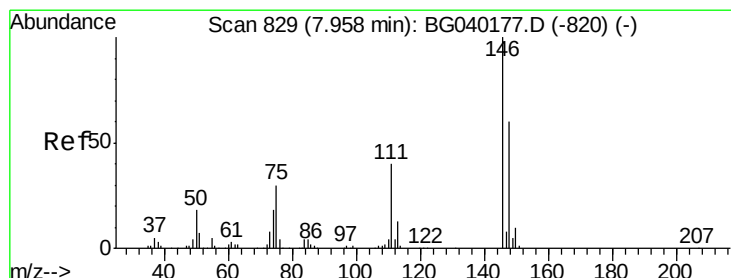
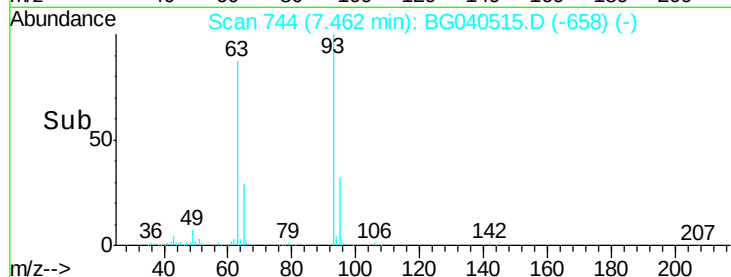
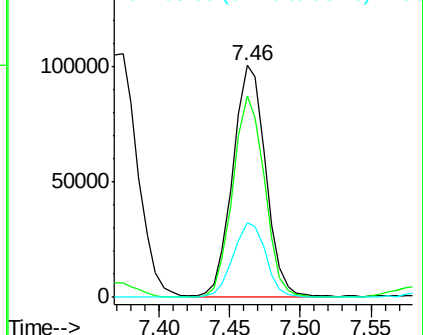
95 32.3 14.0 54.0



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: 38.487 ng

RT: 7.93 min Scan# 823

Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

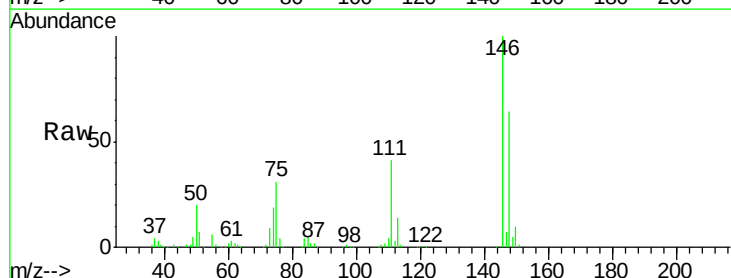
Tgt Ion: 146 Resp: 171890

Ion Ratio Lower Upper

146 100

148 63.6 48.2 72.2

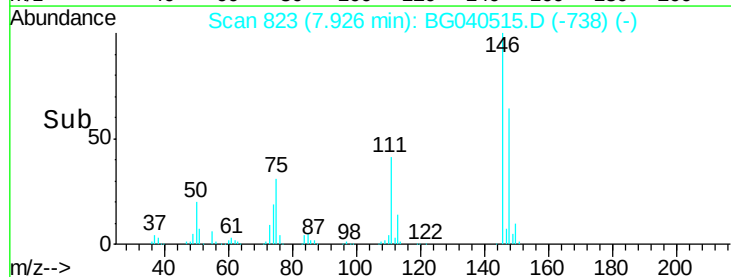
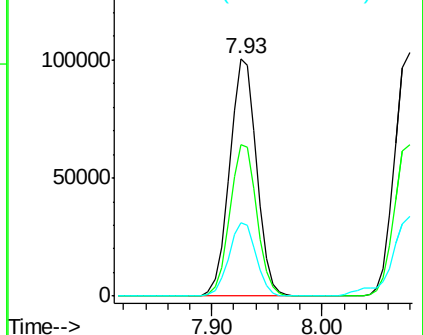
75 31.0 24.1 36.1

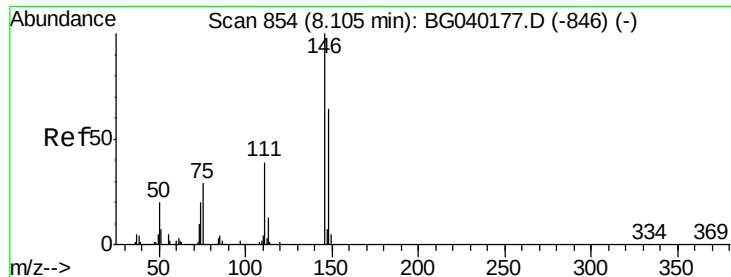


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

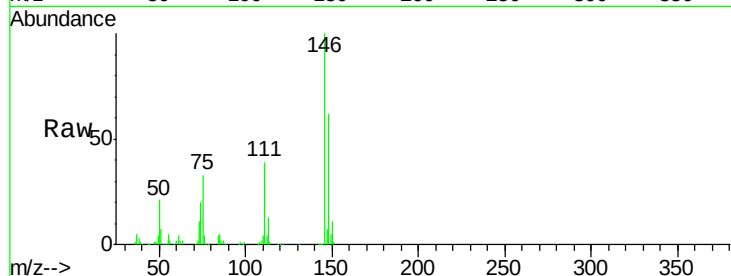




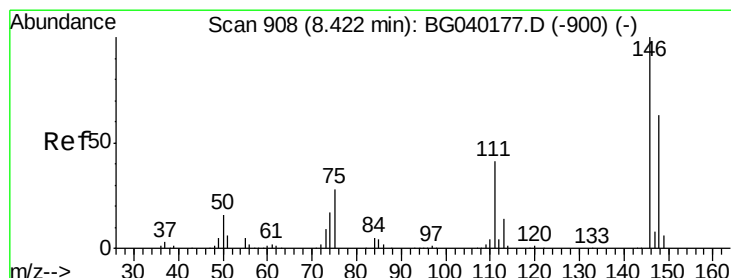
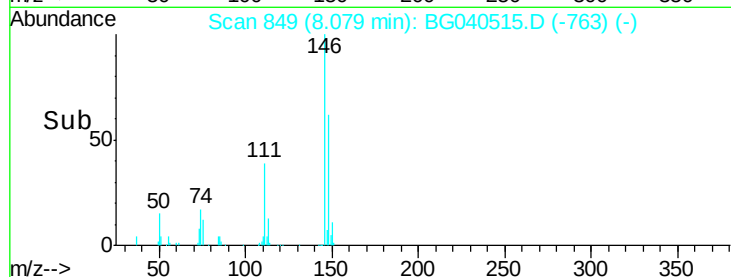
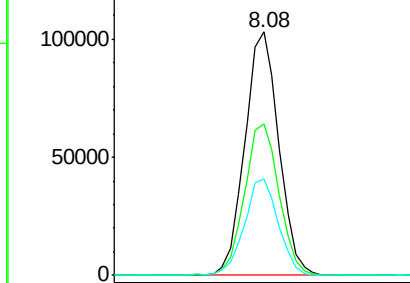
#13
 1,4-Dichlorobenzene
 Concen: 39.010 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.03 min
 Lab File: BG040515.D
 Acq: 16 Apr 2019 22:52

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 173526
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.0 76.4
 111 39.4 31.8 47.6

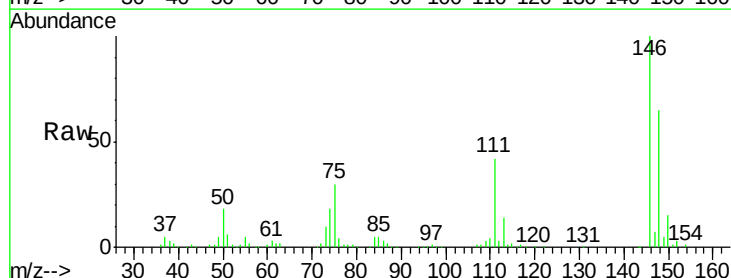


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

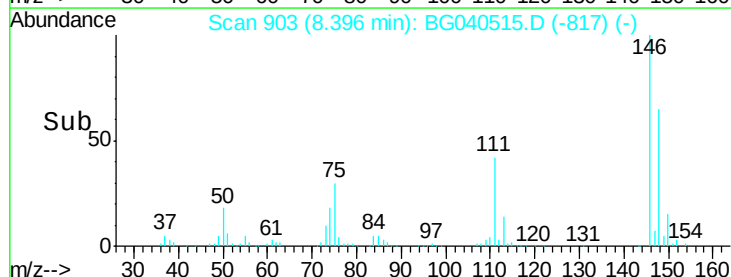
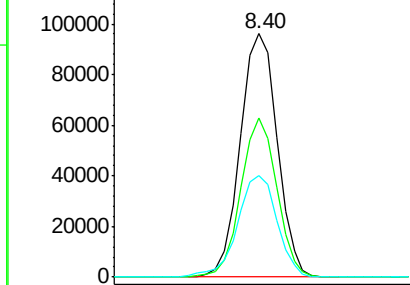


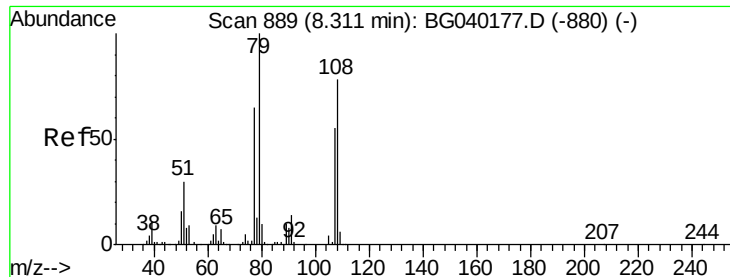
#14
 1,2-Dichlorobenzene
 Concen: 38.754 ng
 RT: 8.40 min Scan# 903
 Delta R.T. -0.03 min
 Lab File: BG040515.D
 Acq: 16 Apr 2019 22:52

Tgt Ion:146 Resp: 164853
 Ion Ratio Lower Upper
 146 100
 148 65.5 50.8 76.2
 111 41.6 33.4 50.0



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





#15

Benzyl Alcohol

Concen: 38.893 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

Instrument :

BNA_G

ClientSampleId :

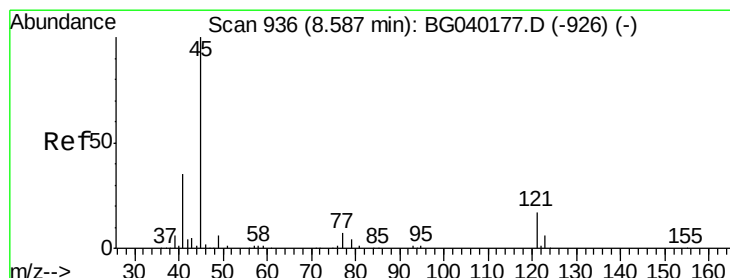
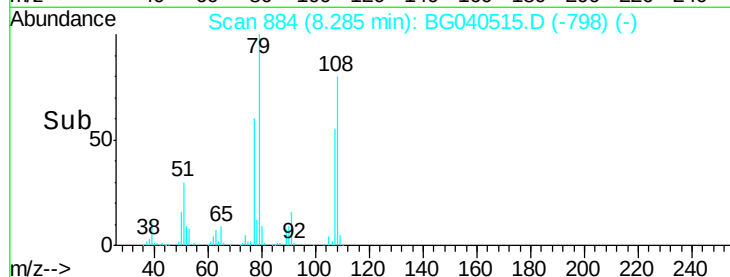
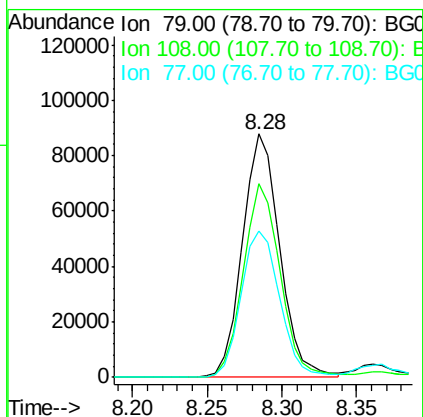
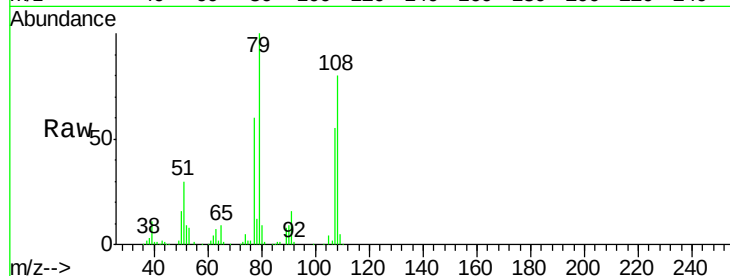
Tot Ion: 79 Resp: 151932

Ion Ratio Lower Upper

79 100

108 79.8 62.1 93.1

77 60.2 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.183 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

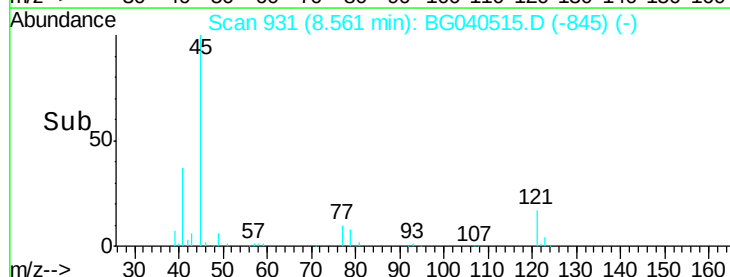
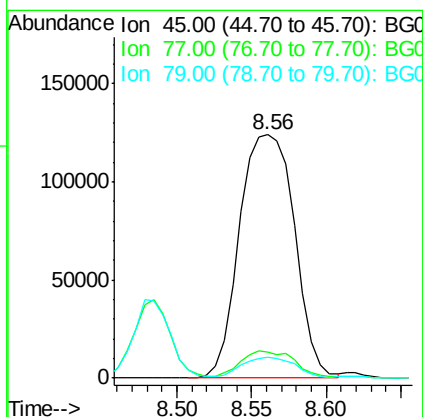
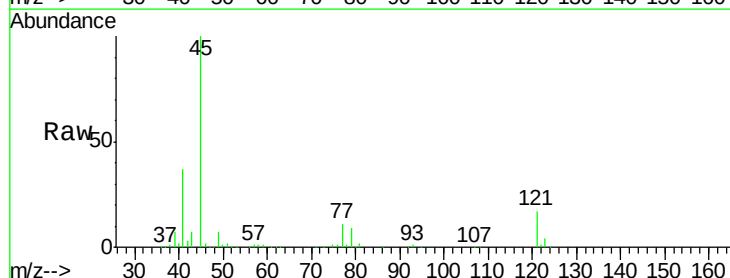
Tgt Ion: 45 Resp: 317105

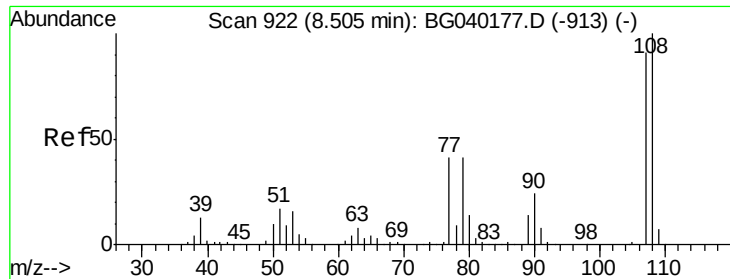
Ion Ratio Lower Upper

45 100

77 10.6 0.0 31.4

79 8.5 0.0 28.3

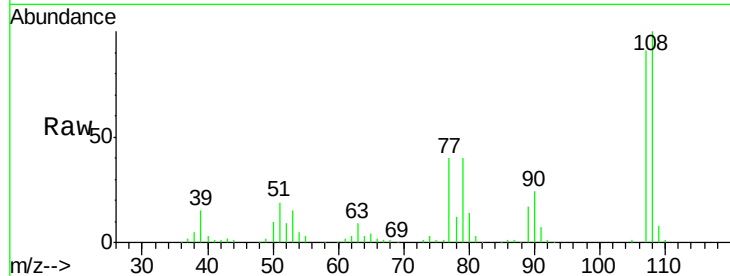




#17
2-Methylphenol
Concen: 41.510 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.02 min
Lab File: BG040515.D
Acq: 16 Apr 2019 22:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.3	88.2	132.4
77	44.1	36.6	55.0
79	43.3	36.5	54.7



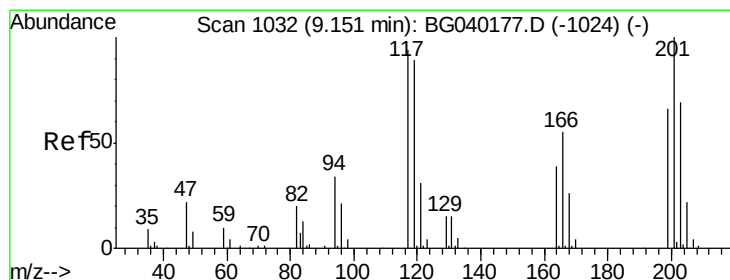
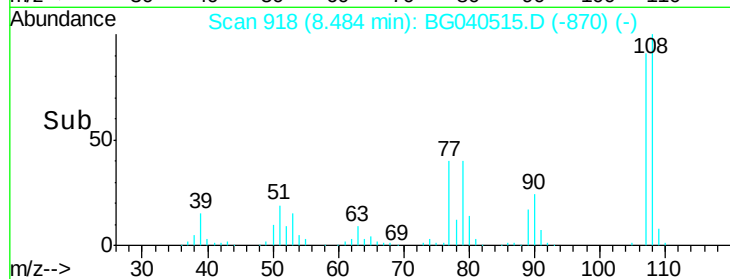
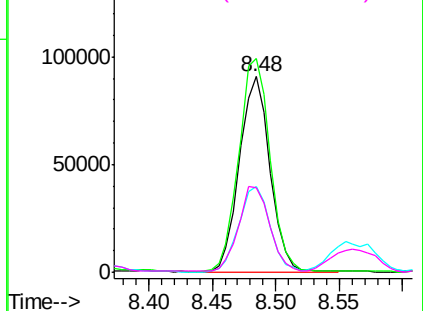
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

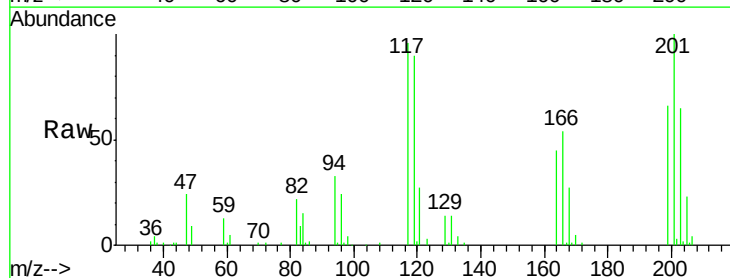
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.470 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BG040515.D
Acq: 16 Apr 2019 22:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.6	115.0
201	104.2	85.0	127.4

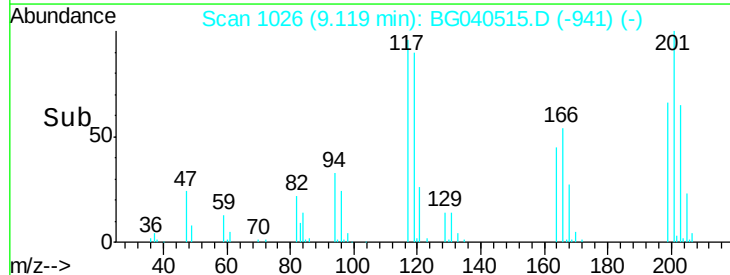
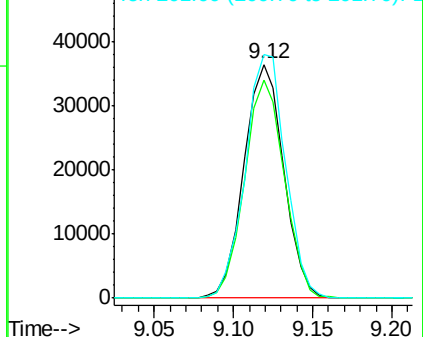


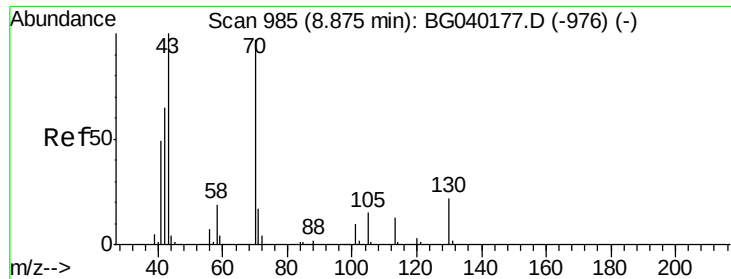
Abundance

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

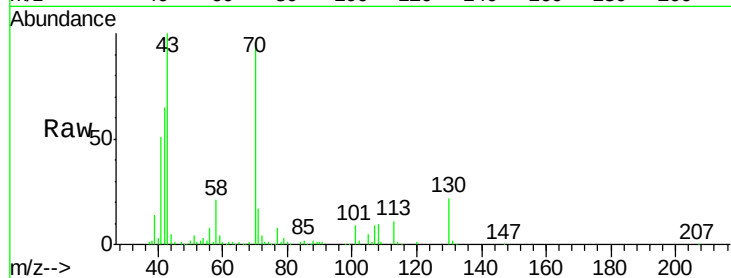




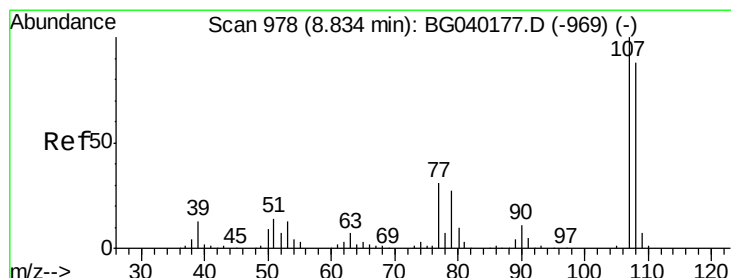
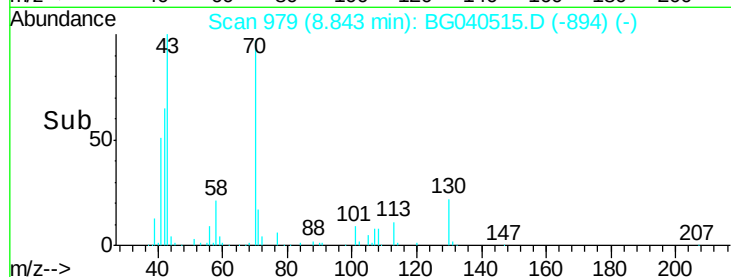
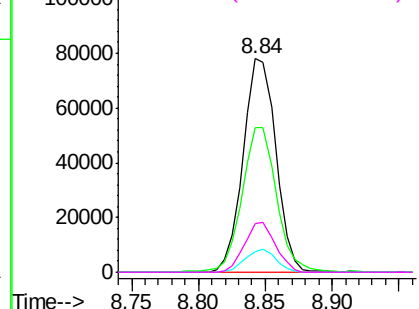
#19
n-Nitroso-di-n-propylamine
Concen: 38.116 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.03 min
Lab File: BG040515.D
Acq: 16 Apr 2019 22:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 132557
Ion Ratio Lower Upper
70 100
42 67.8 54.0 81.0
101 9.6 8.6 13.0
130 22.6 18.2 27.2

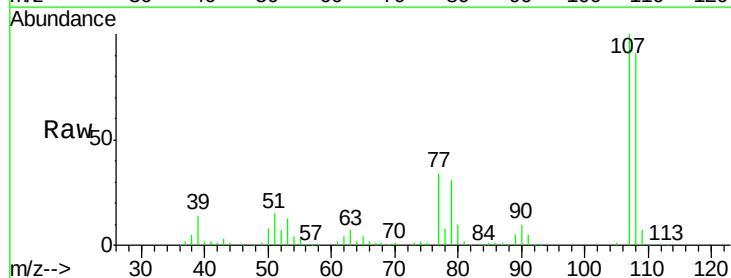


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

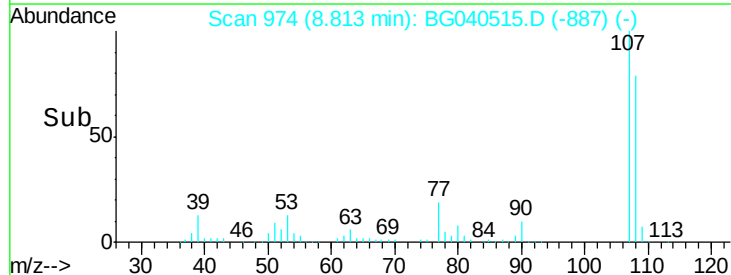
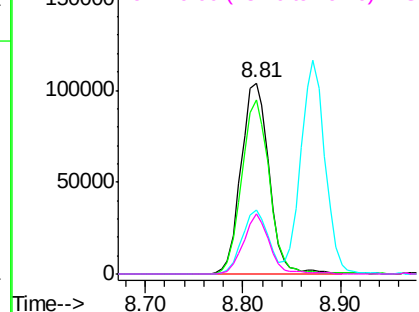


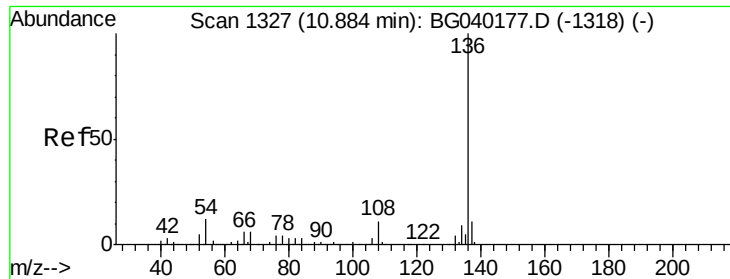
#20
3+4-Methylphenols
Concen: 42.282 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.02 min
Lab File: BG040515.D
Acq: 16 Apr 2019 22:52

Tgt Ion: 107 Resp: 208680
Ion Ratio Lower Upper
107 100
108 91.1 68.3 108.3
77 33.7 11.3 51.3
79 31.5 7.3 47.3



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

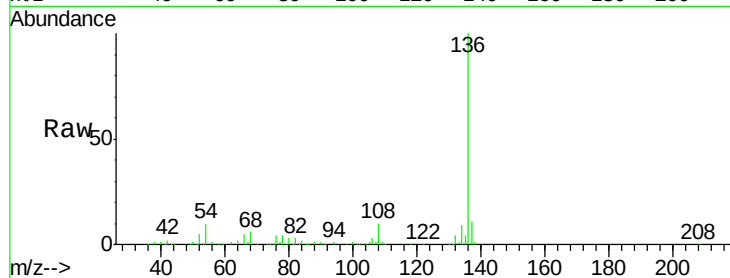




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040515.D
Acq: 16 Apr 2019 22:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	249326
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.9	13.3
54 9.7	9.6	14.4
68 6.1	5.1	7.7



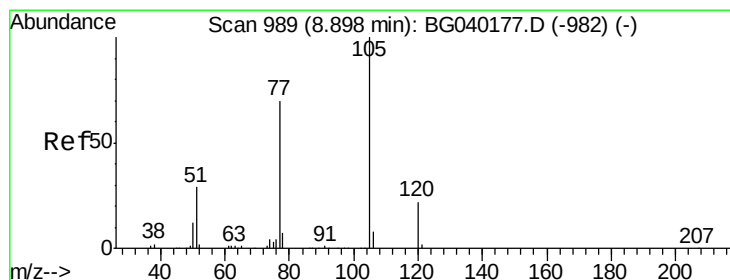
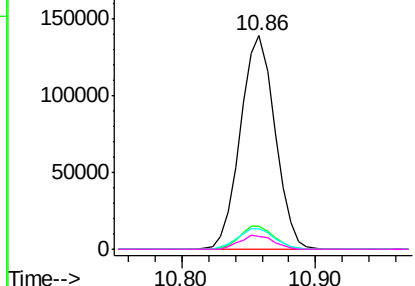
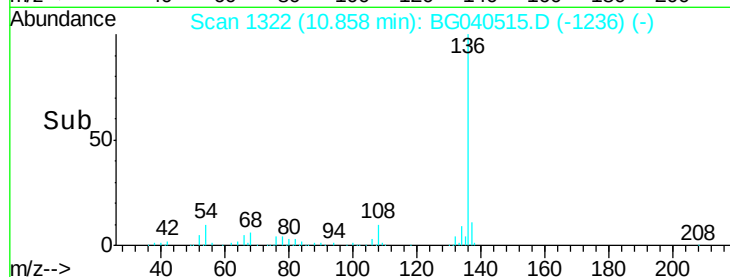
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

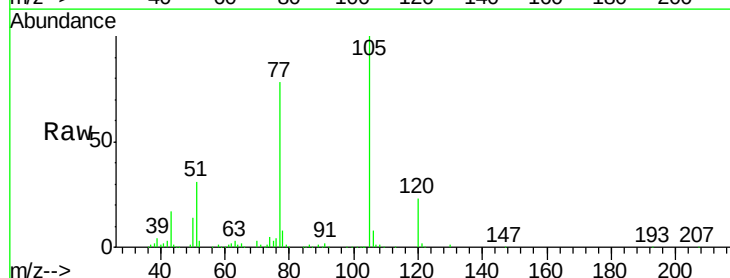
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 41.078 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.03 min
Lab File: BG040515.D
Acq: 16 Apr 2019 22:52

Tgt	Ion:105	Resp:	255479
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.6	1.0#
51	30.9	25.1	37.7
120	23.3	17.6	26.4



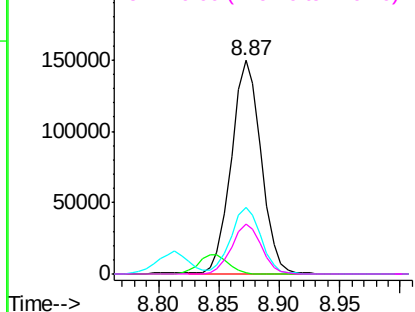
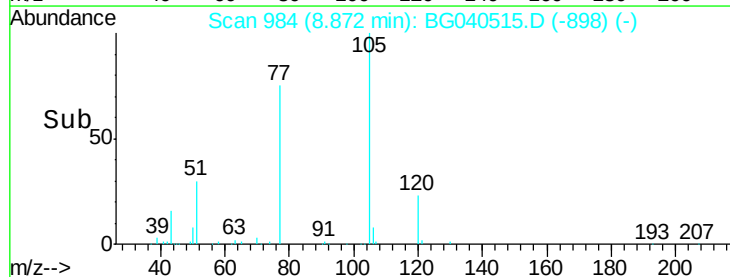
Abundance

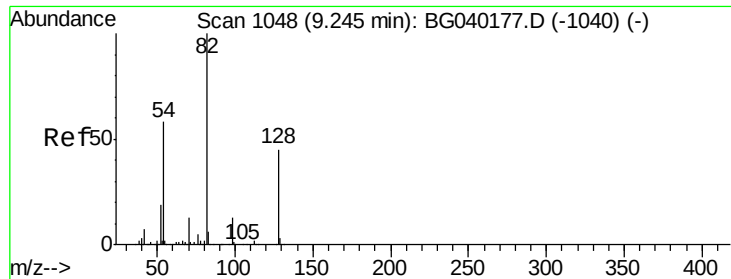
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

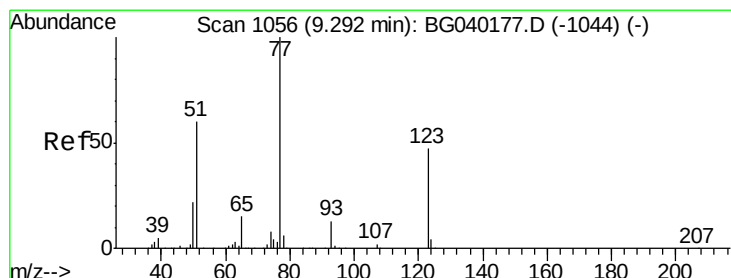
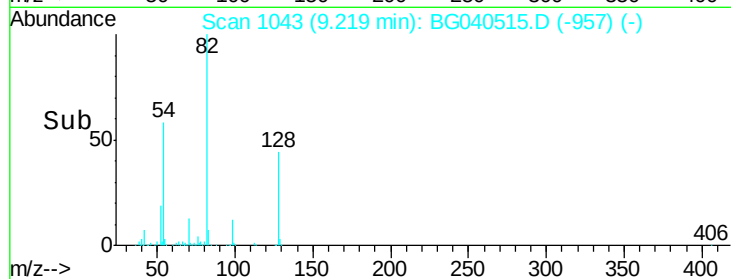
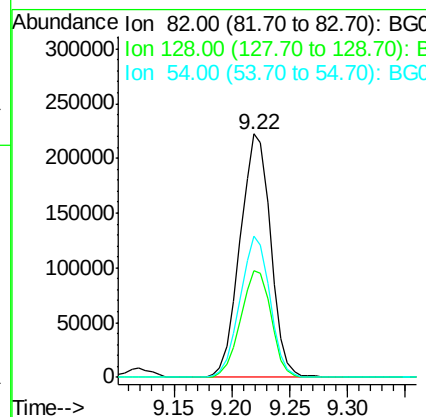
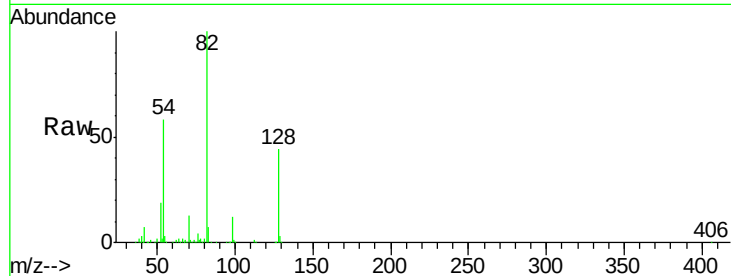




#23
 Nitrobenzene-d5
 Concen: 86.918 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BG040515.D
 Acq: 16 Apr 2019 22:52

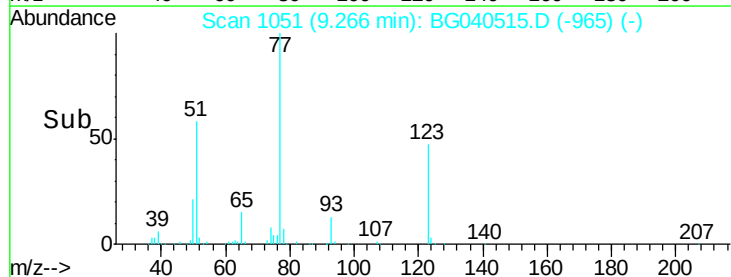
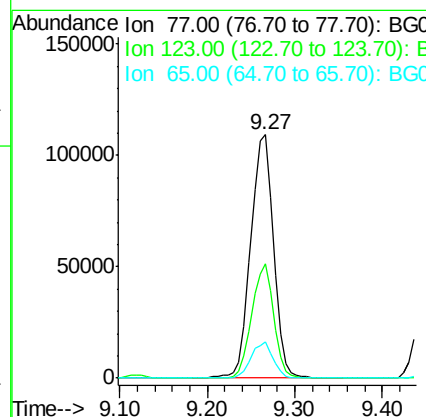
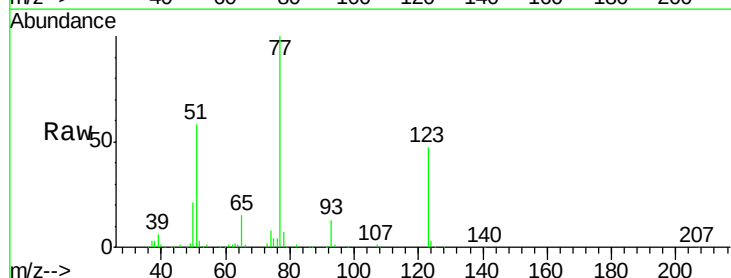
Instrument :
 BNA_G
 ClientSampled :

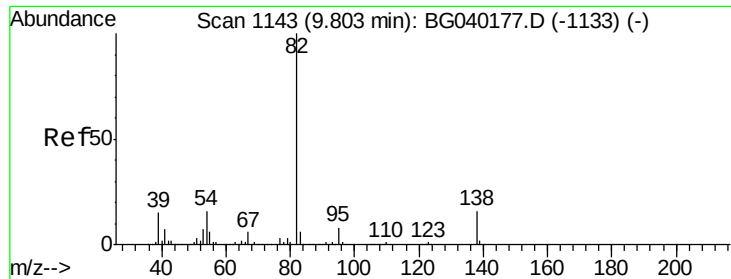
Tot Ion	82	Resp	407705
Ion Ratio	Lower	Upper	
82	100		
128	43.8	35.8	53.8
54	57.9	46.2	69.2



#24
 Nitrobenzene
 Concen: 40.033 ng
 RT: 9.27 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040515.D
 Acq: 16 Apr 2019 22:52

Tgt Ion	77	Resp	194456
Ion Ratio	Lower	Upper	
77	100		
123	47.0	37.8	56.6
65	14.8	12.0	18.0





#25

Isophorone

Concen: 39.657 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

Instrument :

BNA_G

ClientSampled :

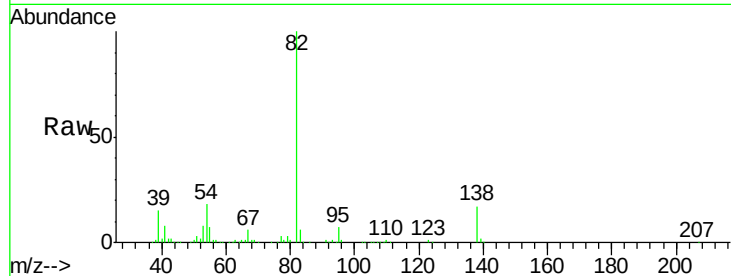
Tot Ion: 82 Resp: 382750

Ion Ratio Lower Upper

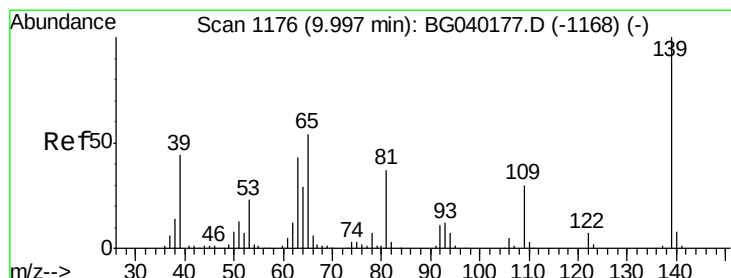
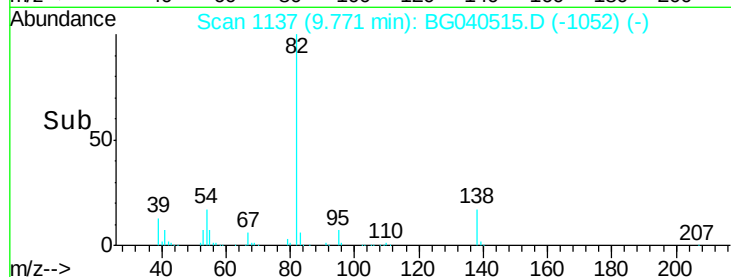
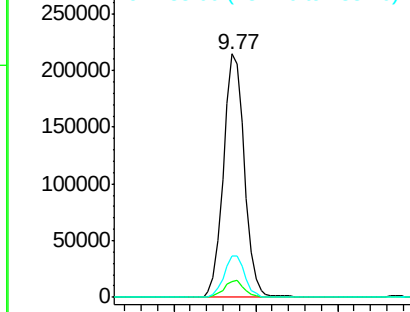
82 100

95 6.7 6.1 9.1

138 17.2 13.2 19.8



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



#26

2-Nitrophenol

Concen: 42.264 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

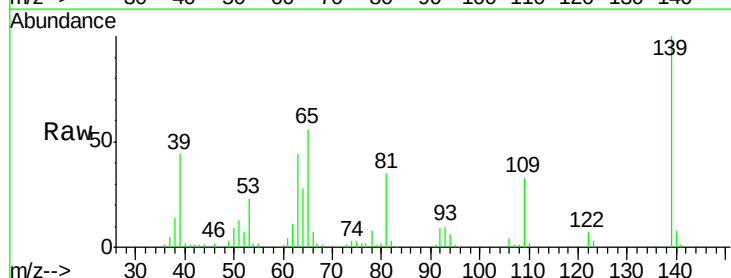
Tgt Ion: 139 Resp: 97275

Ion Ratio Lower Upper

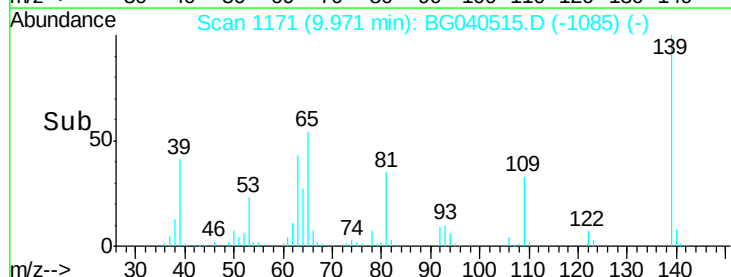
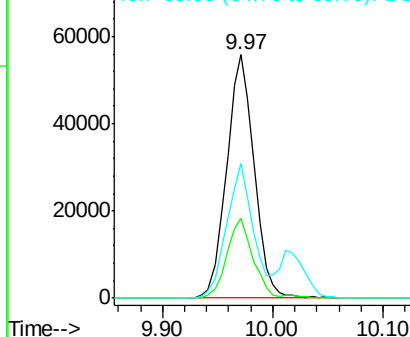
139 100

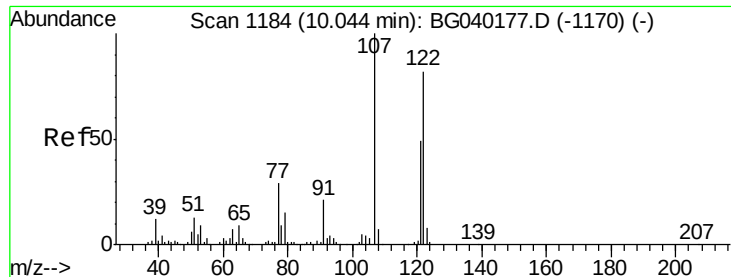
109 32.7 24.1 36.1

65 55.5 43.0 64.6



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

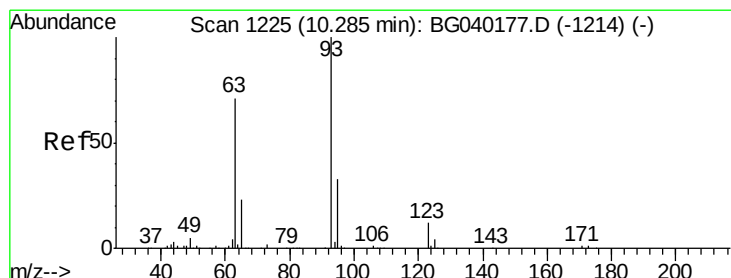
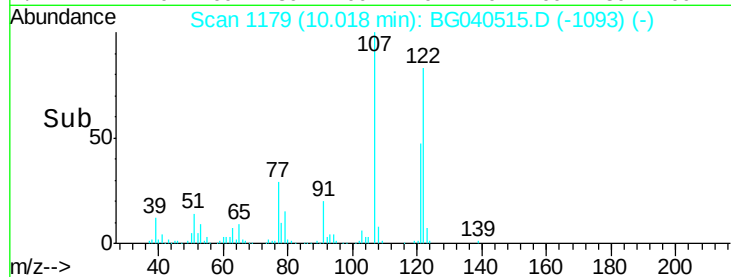
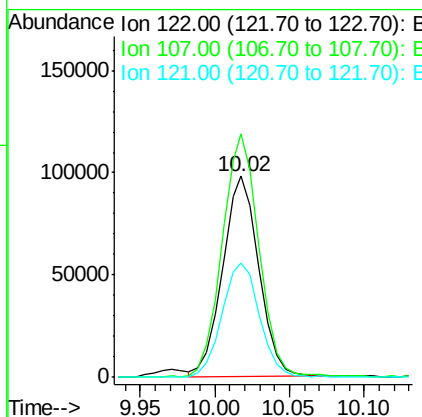
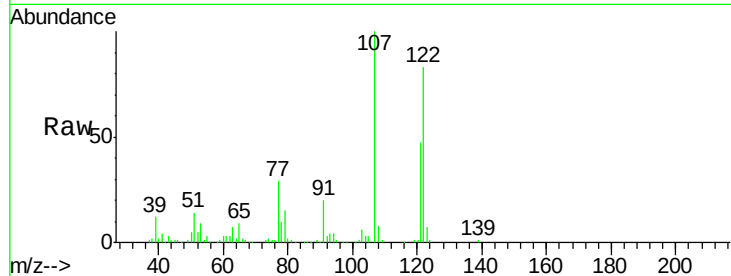




#27
 2,4-Dimethylphenol
 Concen: 45.444 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.03 min
 Lab File: BG040515.D
 Acq: 16 Apr 2019 22:52

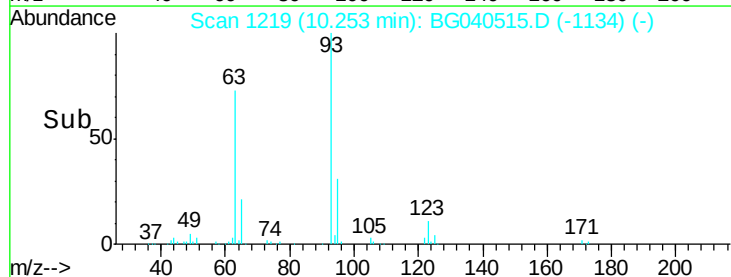
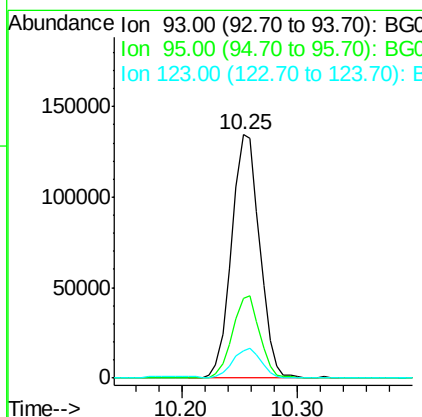
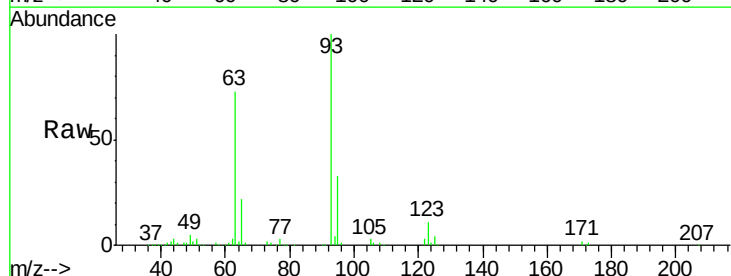
Instrument :
 BNA_G
 ClientSampleId :

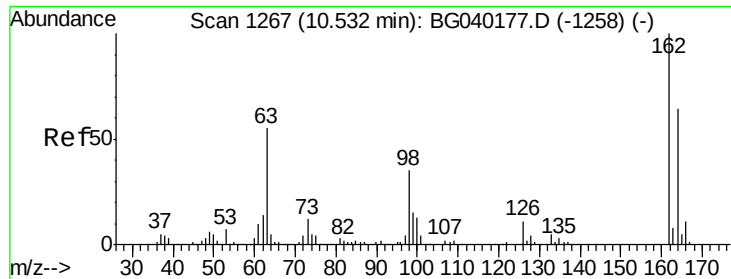
Tot Ion:122 Resp: 166140
 Ion Ratio Lower Upper
 122 100
 107 121.1 97.4 146.2
 121 56.9 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.725 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.03 min
 Lab File: BG040515.D
 Acq: 16 Apr 2019 22:52

Tgt Ion: 93 Resp: 226834
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.2 39.4
 123 11.3 9.4 14.0

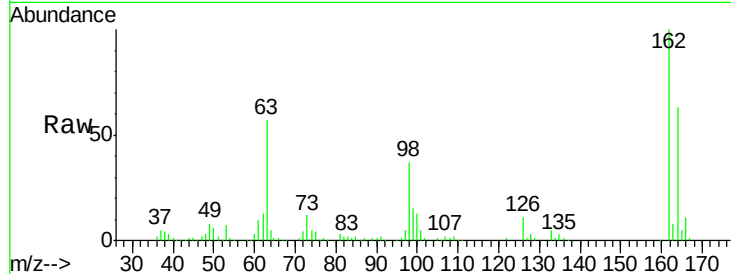




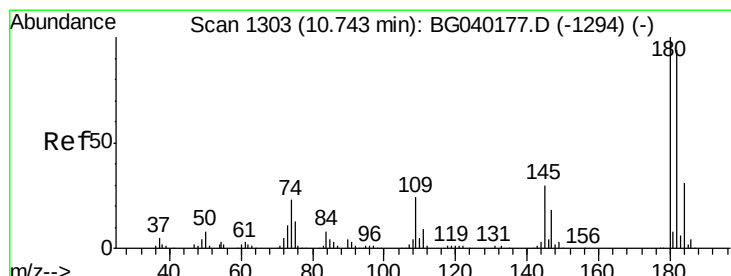
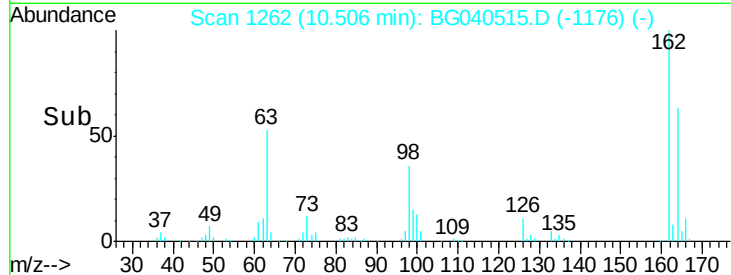
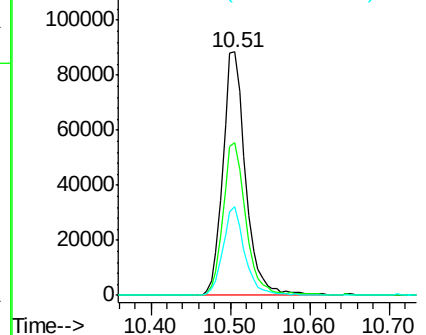
#29
 2,4-Dichlorophenol
 Concen: 44.345 ng
 RT: 10.51 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040515.D
 Acq: 16 Apr 2019 22:52

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	43.9	83.9
98	36.6	15.6	55.6

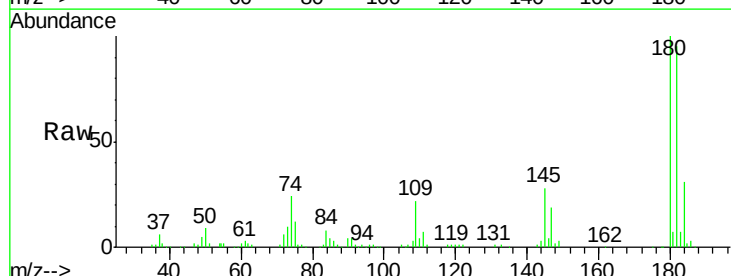


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

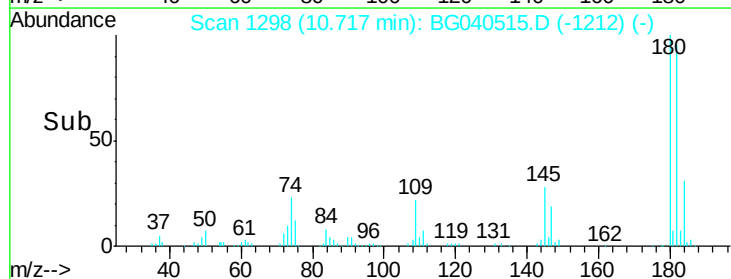
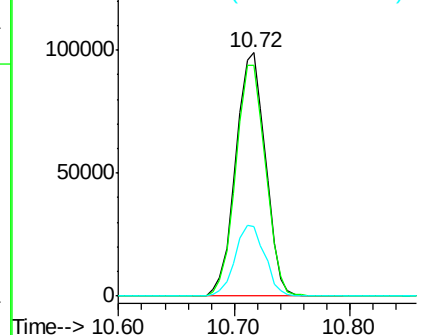


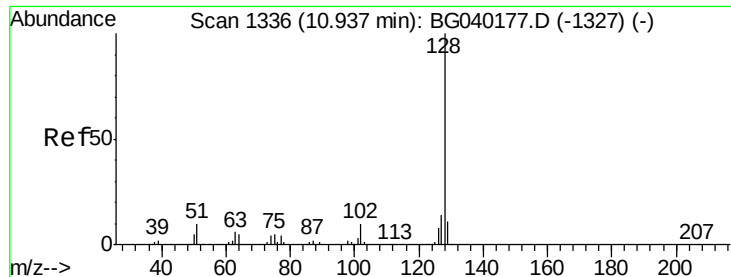
#30
 1,2,4-Trichlorobenzene
 Concen: 40.528 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BG040515.D
 Acq: 16 Apr 2019 22:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.1	112.7
145	28.5	24.1	36.1



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

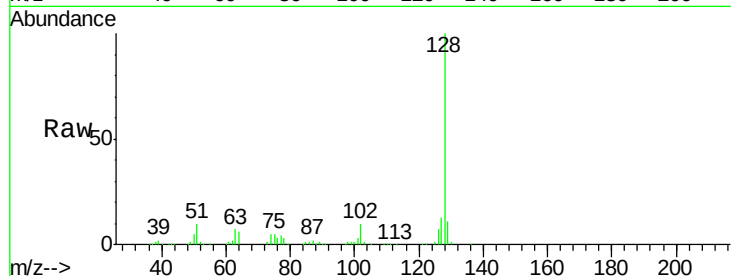




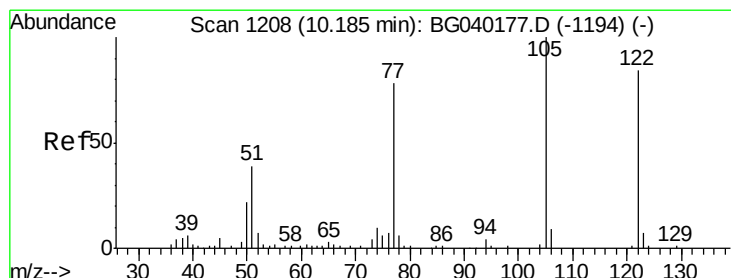
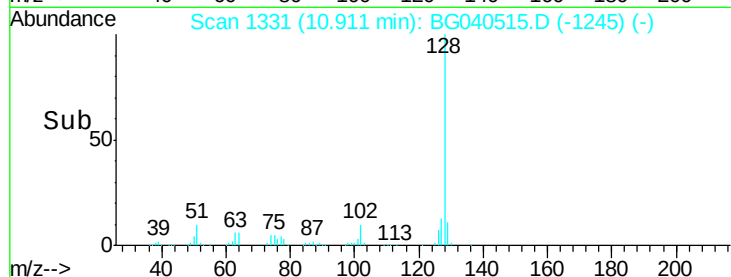
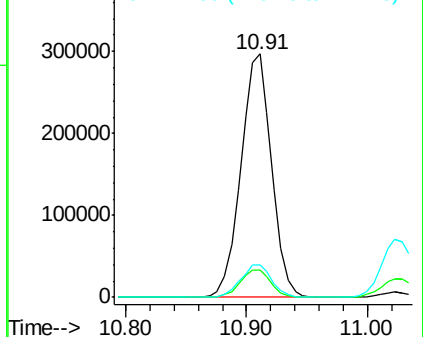
#31
Naphthalene
Concen: 40.902 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040515.D
Acq: 16 Apr 2019 22:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.2	11.4	17.0

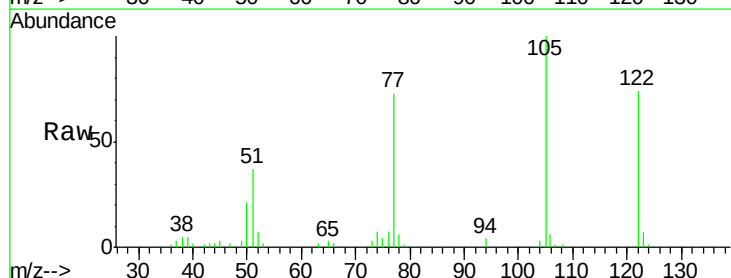


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

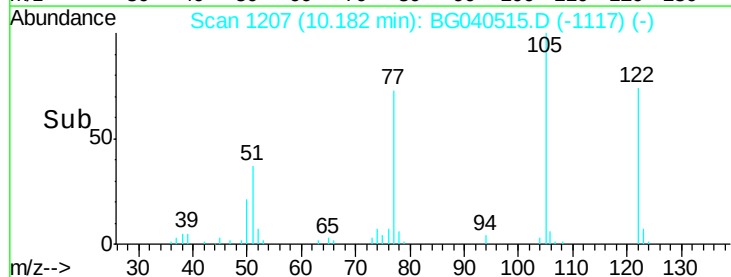
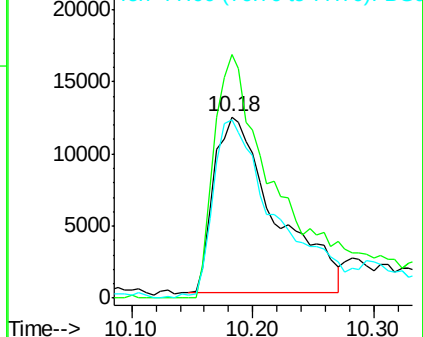


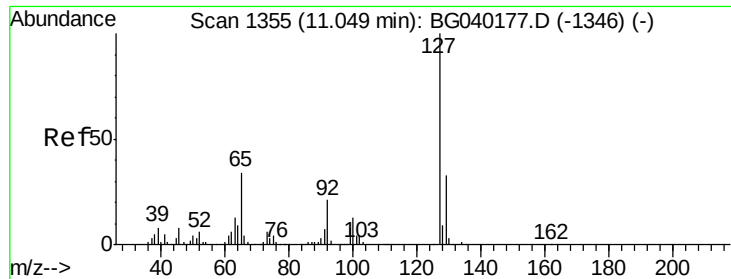
#32
Benzoic acid
Concen: 19.550 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BG040515.D
Acq: 16 Apr 2019 22:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.6	98.2	138.2
77	98.9	73.6	113.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

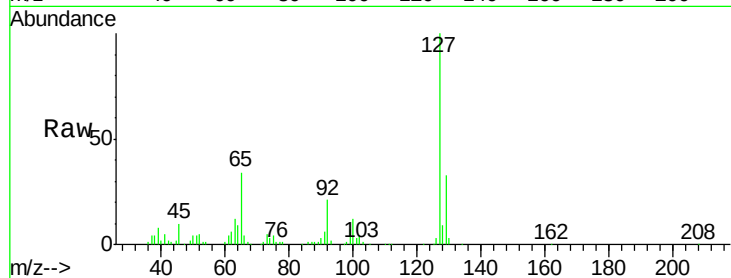




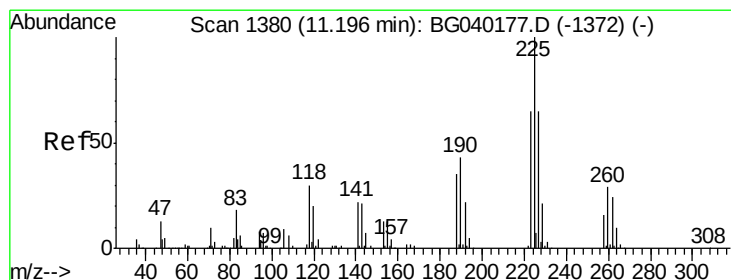
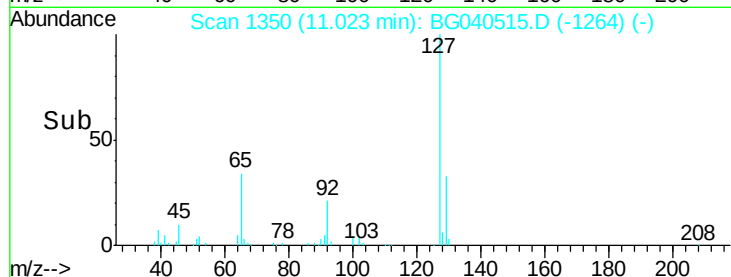
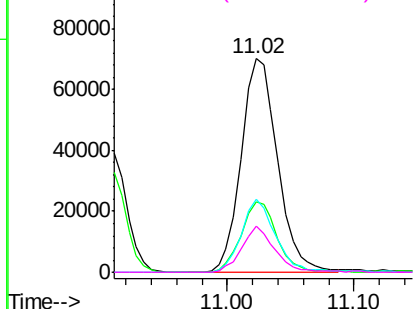
#33
4-Chloroaniline
Concen: 25.702 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.03 min
Lab File: BG040515.D
Acq: 16 Apr 2019 22:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	140111
Ion Ratio	Lower	Upper
127	100	
129	32.8	26.6 40.0
65	34.0	27.0 40.4
92	21.4	16.6 25.0

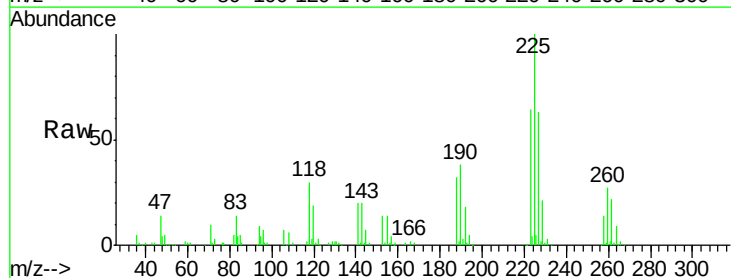


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

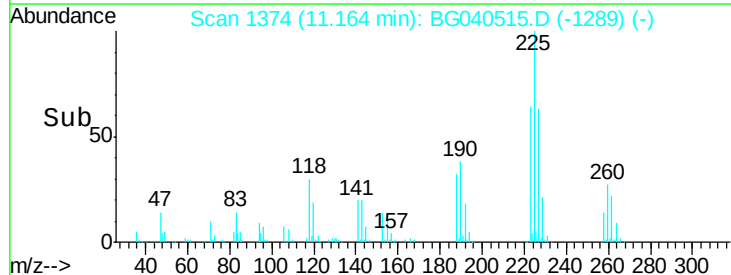
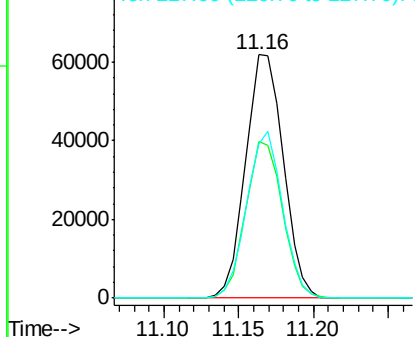


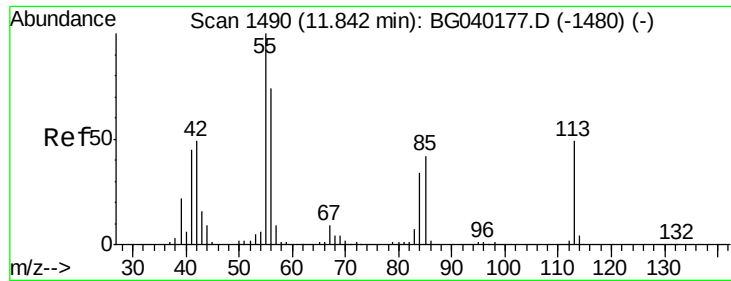
#34
Hexachlorobutadiene
Concen: 38.828 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.03 min
Lab File: BG040515.D
Acq: 16 Apr 2019 22:52

Tgt Ion:225	Resp:	108203
Ion Ratio	Lower	Upper
225	100	
223	64.3	51.8 77.8
227	63.3	54.9 82.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.328 ng

RT: 11.82 min Scan# 1485

Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

Instrument :

BNA_G

ClientSampleId :

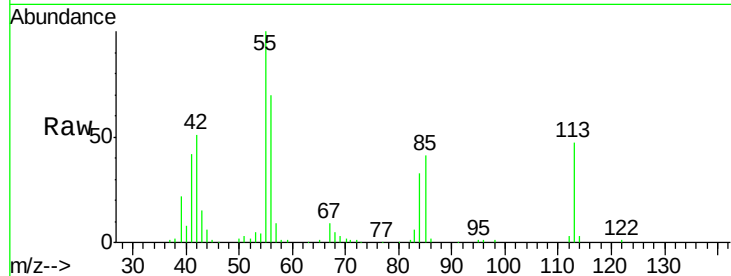
Tot Ion:113 Resp: 65082

Ion Ratio Lower Upper

113 100

55 210.7 184.2 224.2

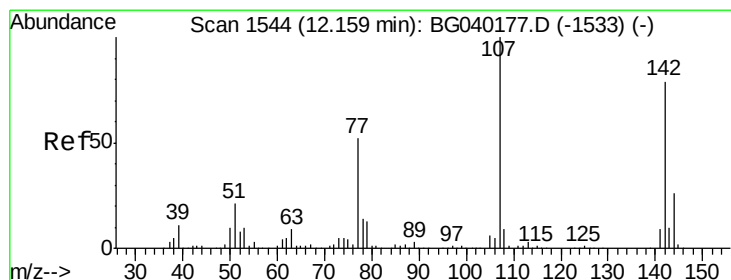
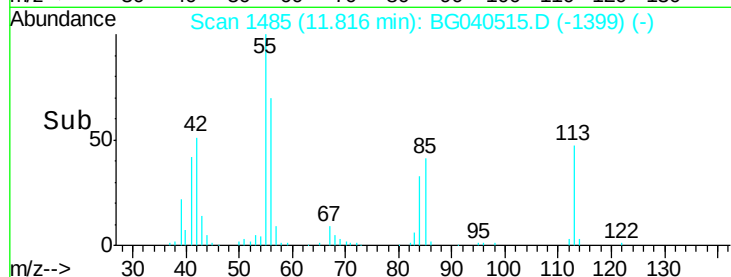
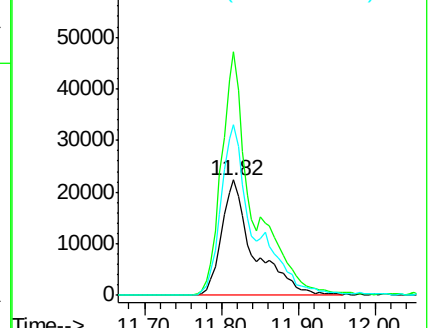
56 147.7 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 44.559 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

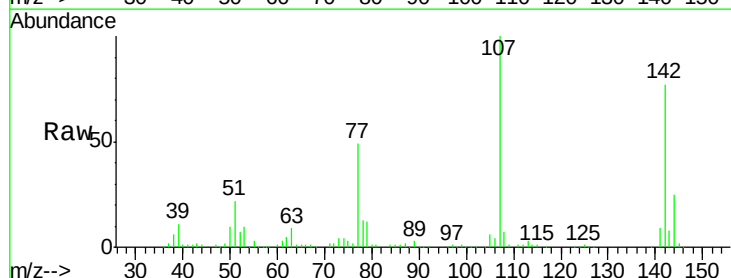
Tgt Ion:107 Resp: 203278

Ion Ratio Lower Upper

107 100

144 25.0 20.5 30.7

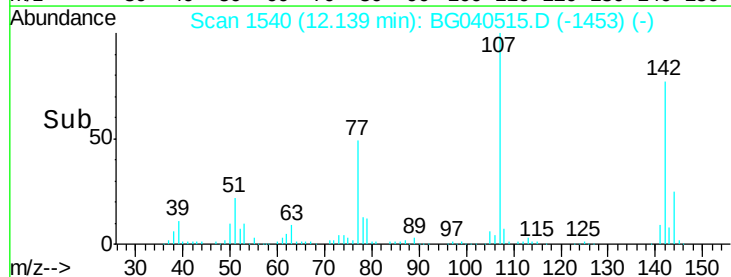
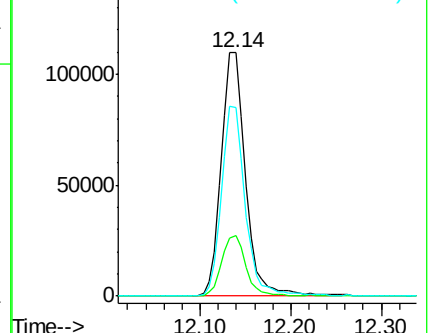
142 77.2 63.1 94.7

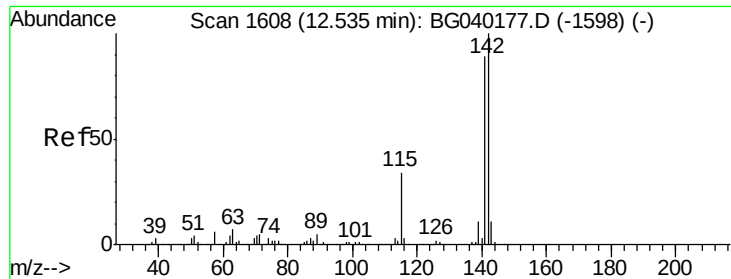


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

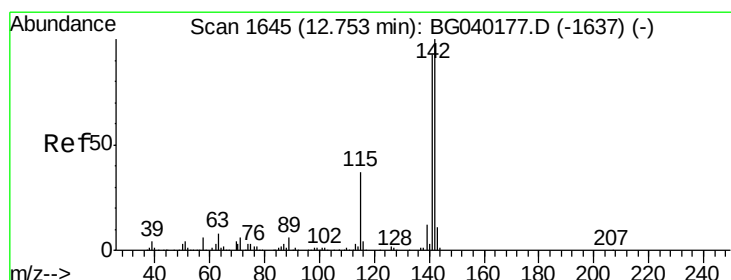
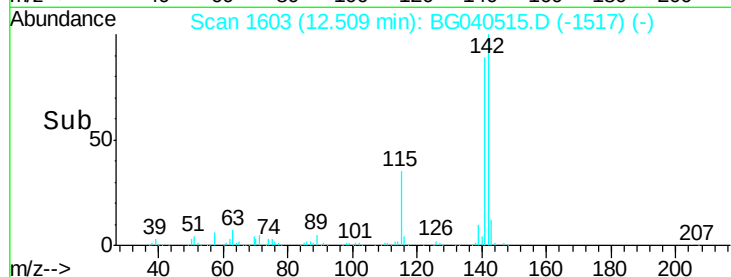
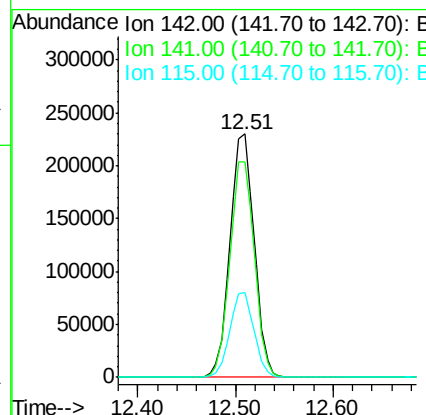
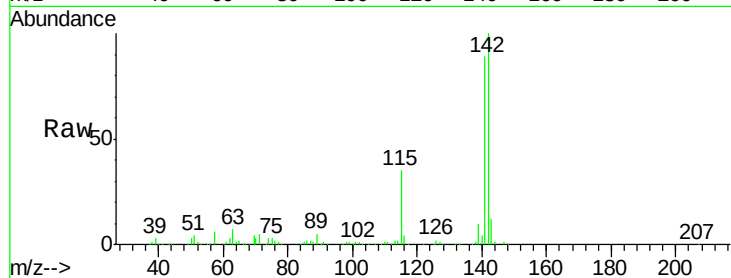




#37
 2-Methylnaphthalene
 Concen: 41.967 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.03 min
 Lab File: BG040515.D
 Acq: 16 Apr 2019 22:52

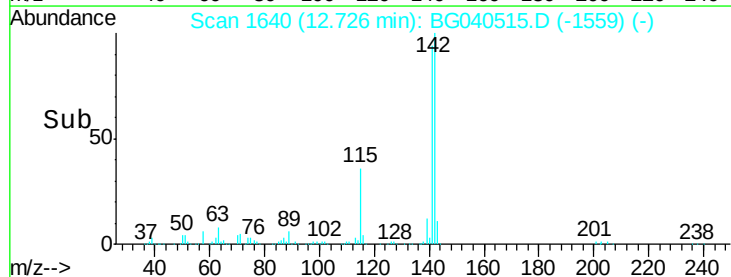
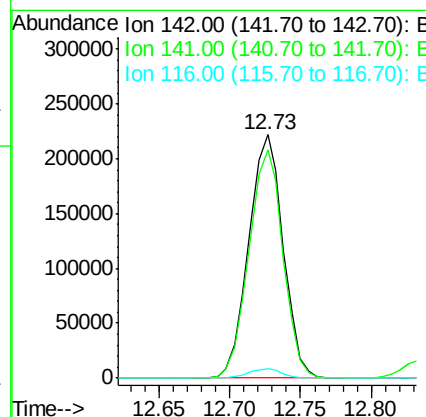
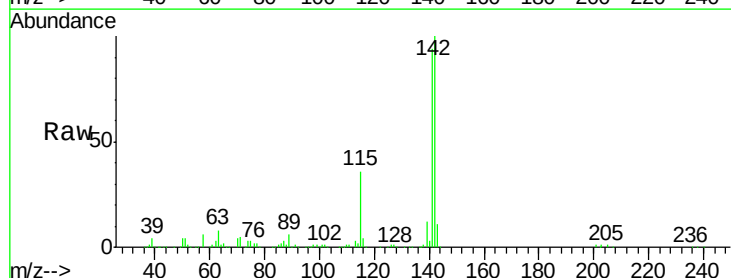
Instrument :
 BNA_G
 ClientSampleId :

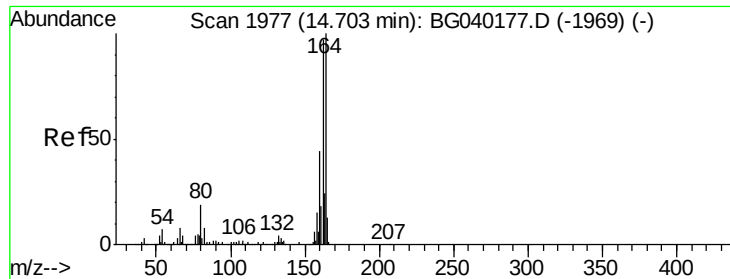
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.0	106.6
115	35.0	27.3	40.9



#38
 1-Methylnaphthalene
 Concen: 41.320 ng
 RT: 12.73 min Scan# 1640
 Delta R.T. -0.03 min
 Lab File: BG040515.D
 Acq: 16 Apr 2019 22:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	74.2	111.4
116	3.7	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

Instrument :

BNA_G

ClientSampled :

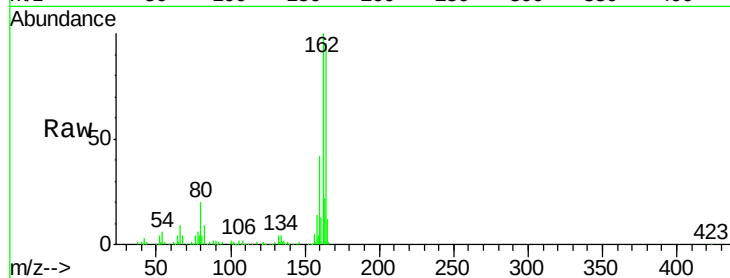
Tot Ion:164 Resp: 158213

Ion Ratio Lower Upper

164 100

162 104.9 77.4 116.2

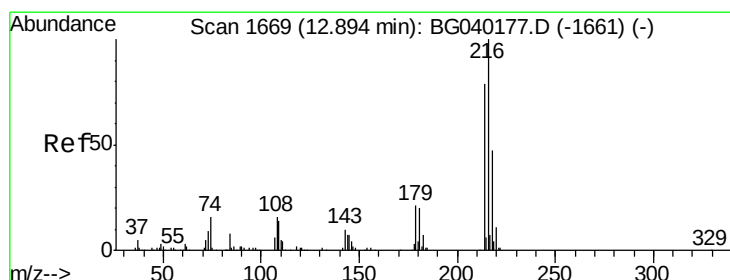
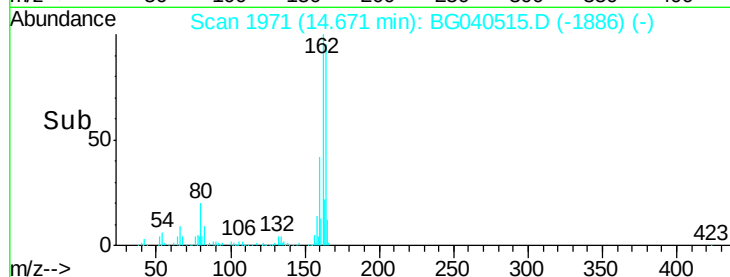
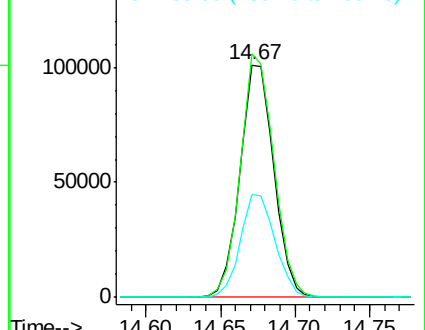
160 44.3 35.3 52.9



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: 40.034 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

Tgt Ion:216 Resp: 201316

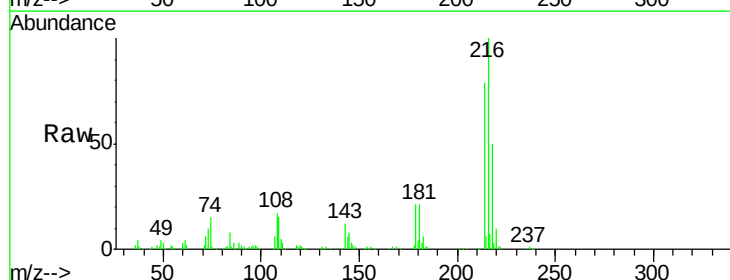
Ion Ratio Lower Upper

216 100

214 79.3 63.5 95.3

179 20.5 16.6 25.0

108 20.1 13.8 20.8

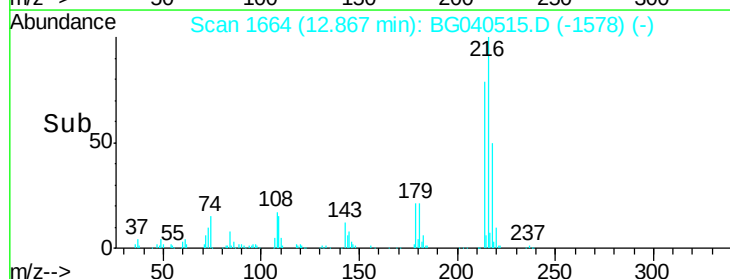
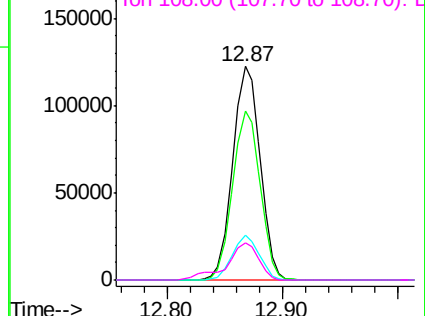


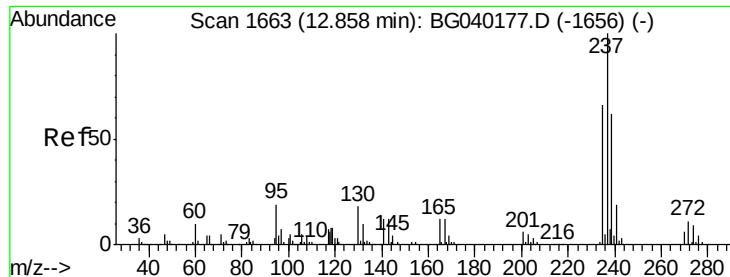
Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.876 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

Instrument :

BNA_G

ClientSampleId :

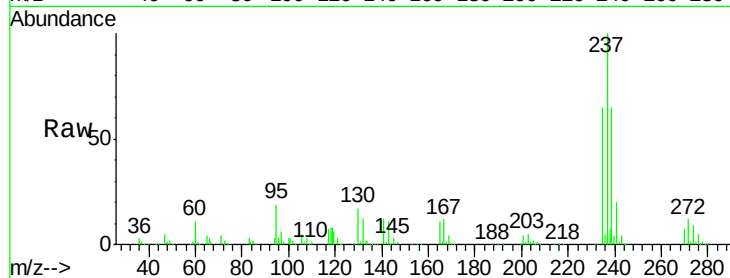
Tot Ion:237 Resp: 212259

Ion Ratio Lower Upper

237 100

235 64.7 46.2 86.2

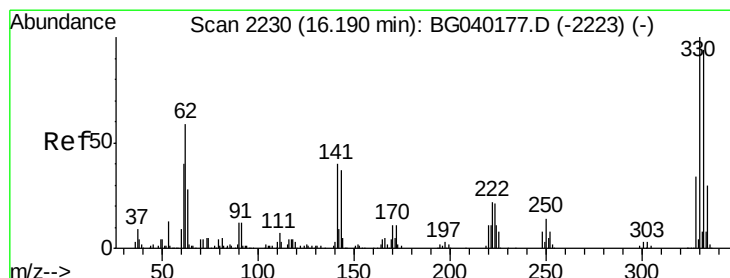
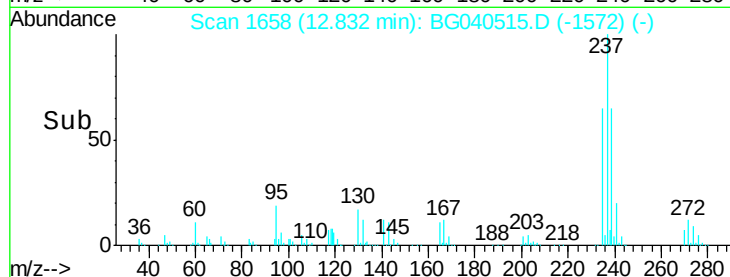
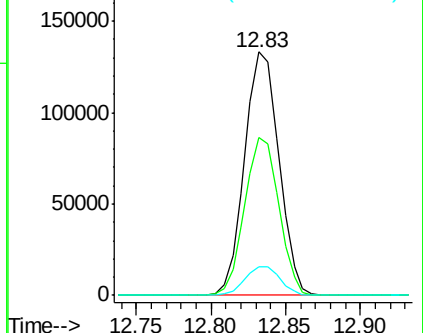
272 11.7 0.0 30.5



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: 147.182 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

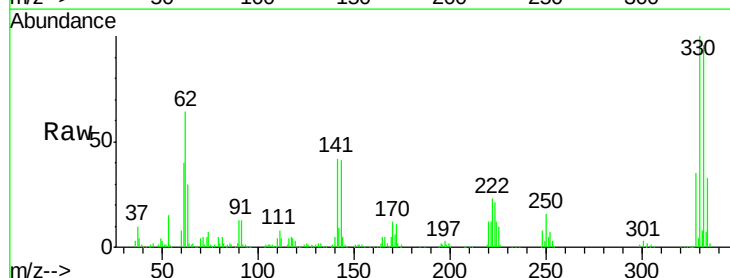
Tgt Ion:330 Resp: 251662

Ion Ratio Lower Upper

330 100

332 97.9 76.6 115.0

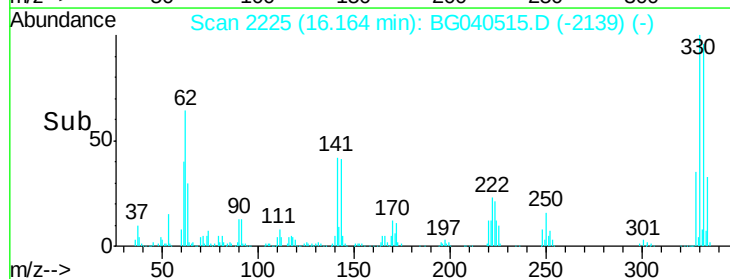
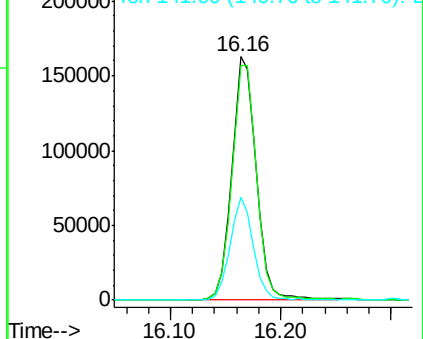
141 40.7 32.6 48.8

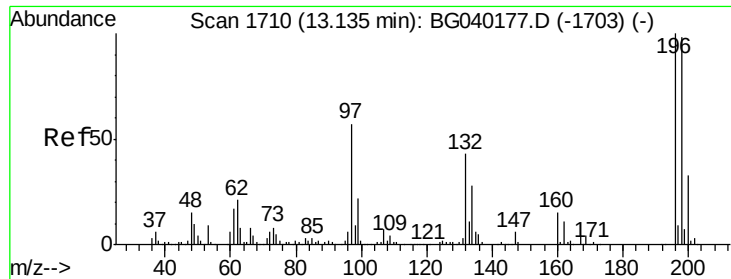


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

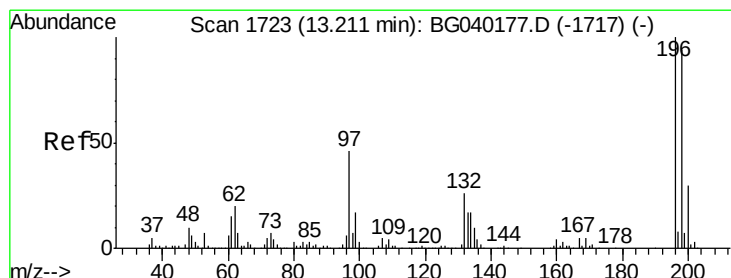
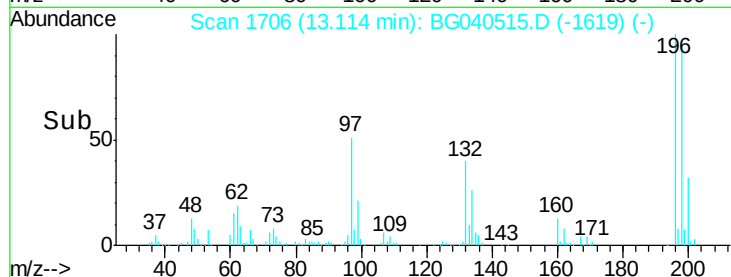
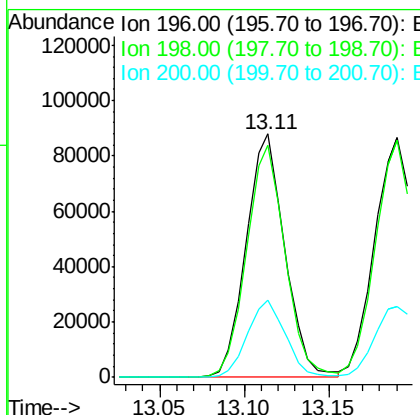
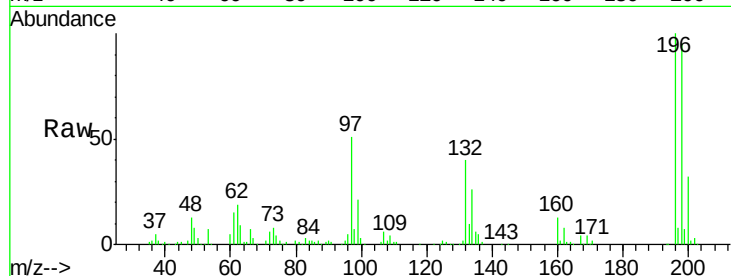




#43
 2,4,6-Trichlorophenol
 Concen: 43.233 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040515.D
 Acq: 16 Apr 2019 22:52

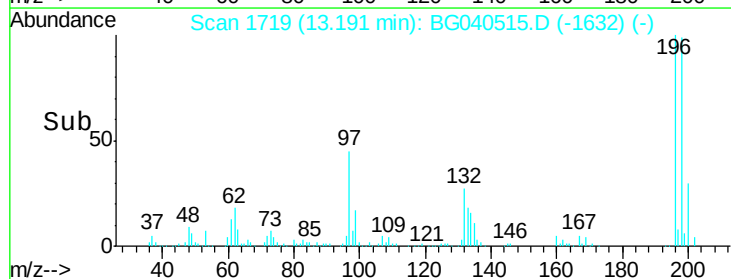
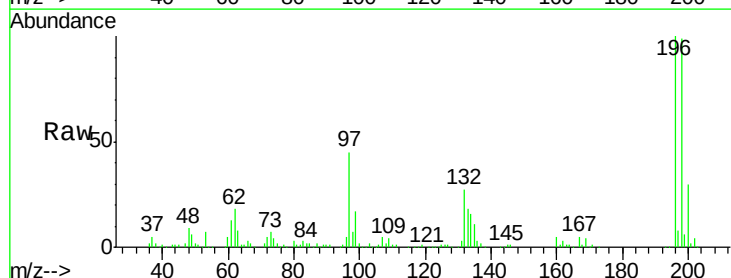
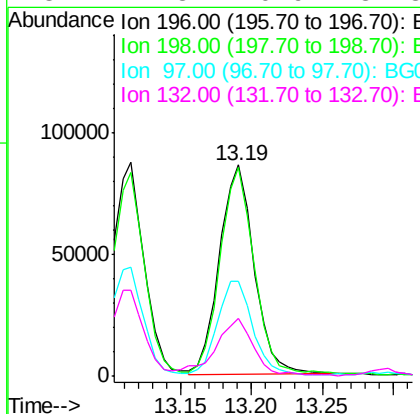
Instrument :
 BNA_G
 ClientSampled :

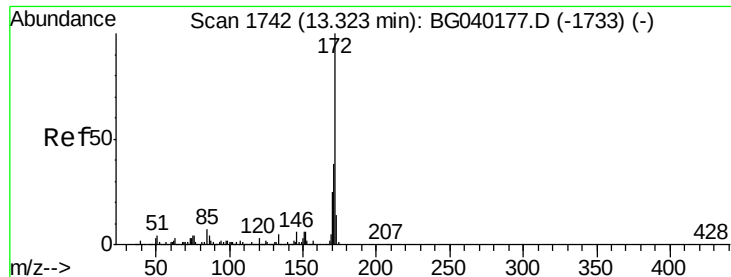
Tot Ion	196	Resp	140165
Ion Ratio	Lower	Upper	
196	100		
198	95.2	78.3	117.5
200	31.9	26.0	39.0



#44
 2,4,5-Trichlorophenol
 Concen: 41.802 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040515.D
 Acq: 16 Apr 2019 22:52

Tgt Ion	196	Resp	147720
Ion Ratio	Lower	Upper	
196	100		
198	98.8	75.0	112.6
97	45.0	37.3	55.9
132	27.3	20.9	31.3





#45

2-Fluorobiphenyl

Concen: 86.432 ng

RT: 13.30 min Scan# 1737

Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

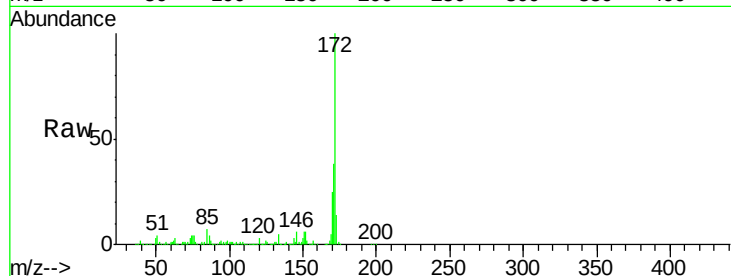
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 922867

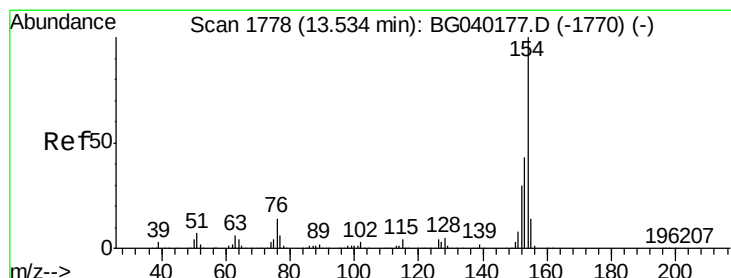
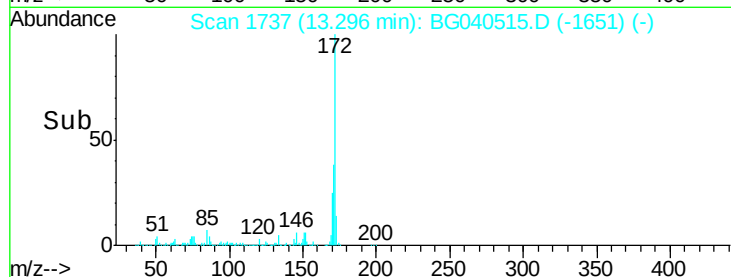
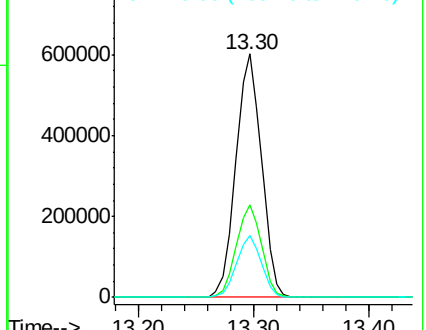
Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.5	45.7
170	25.3	20.1	30.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.484 ng

RT: 13.51 min Scan# 1773

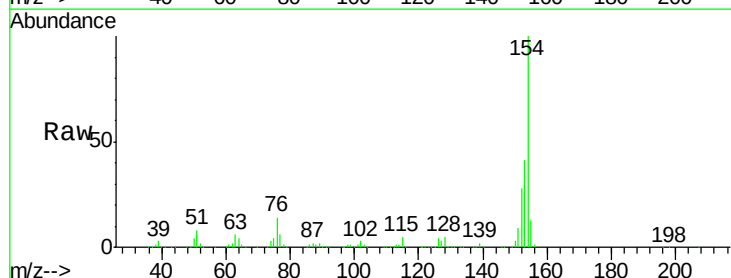
Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

Tgt Ion:154 Resp: 506089

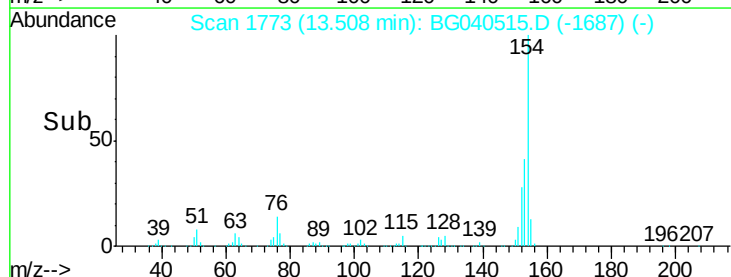
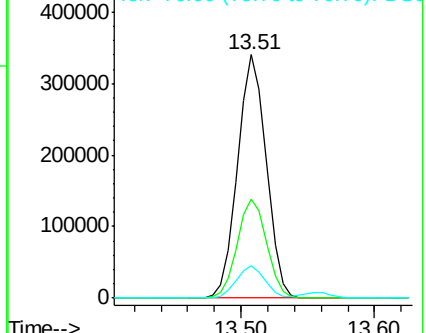
Ion	Ratio	Lower	Upper
154	100		
153	40.6	22.5	62.5
76	13.6	0.0	33.7

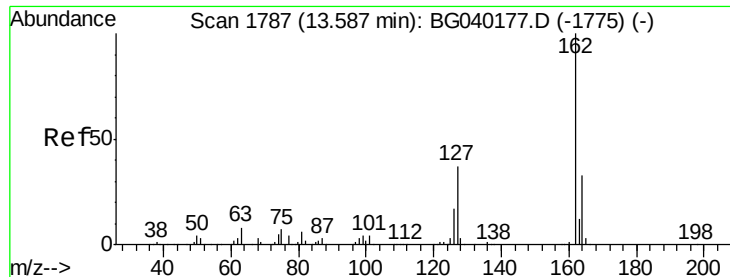


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

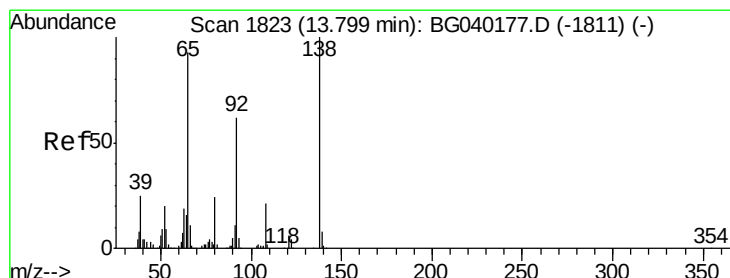
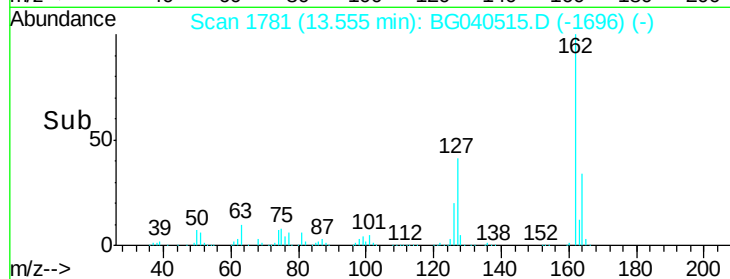
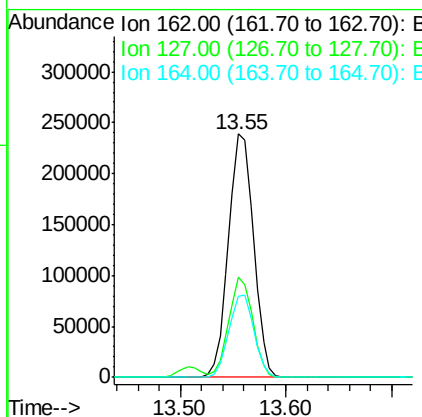
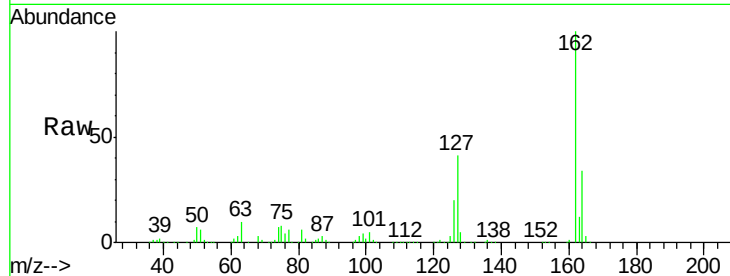




#47
 2-Chloronaphthalene
 Concen: 40.883 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.03 min
 Lab File: BG040515.D
 Acq: 16 Apr 2019 22:52

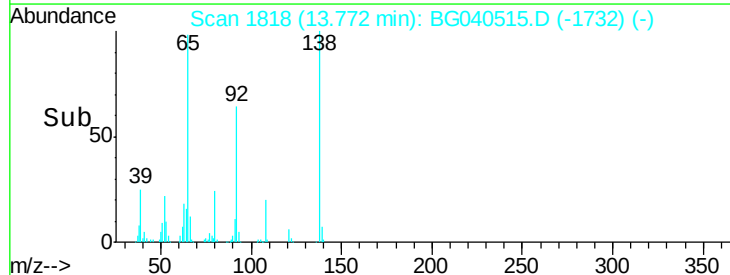
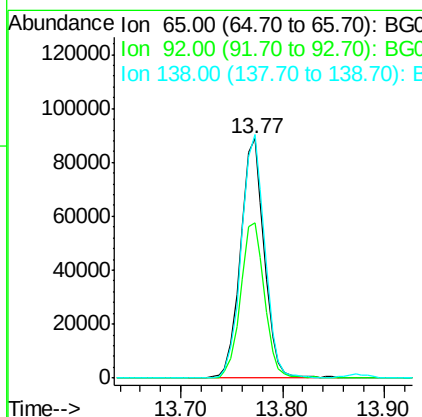
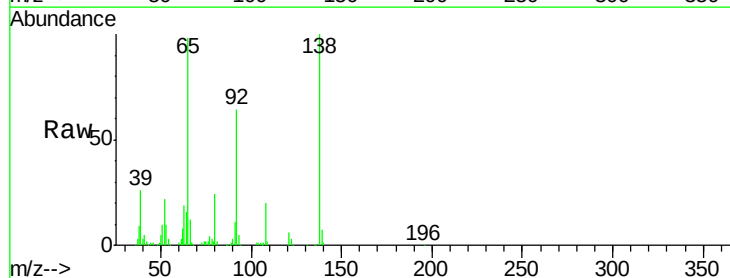
Instrument :
 BNA_G
 ClientSampleId :

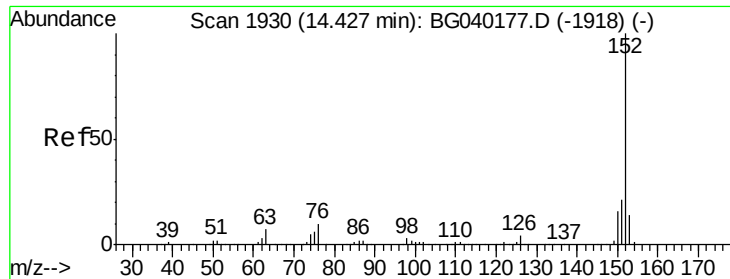
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	30.6	45.8
164	33.5	26.2	39.4



#48
 2-Nitroaniline
 Concen: 44.341 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.03 min
 Lab File: BG040515.D
 Acq: 16 Apr 2019 22:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.0	53.8	80.6
138	101.8	86.3	129.5





#49

Acenaphthylene

Concen: 40.188 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

Instrument :

BNA_G

ClientSampleId :

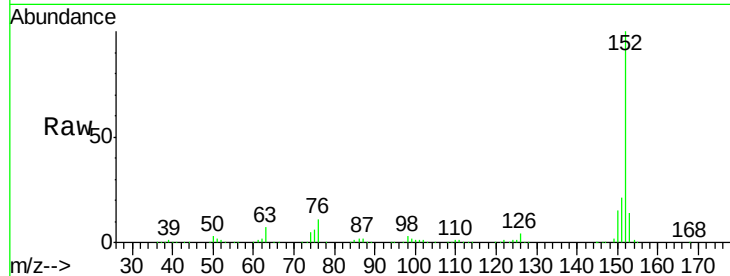
Tot Ion:152 Resp: 653382

Ion Ratio Lower Upper

152 100

151 21.5 17.0 25.6

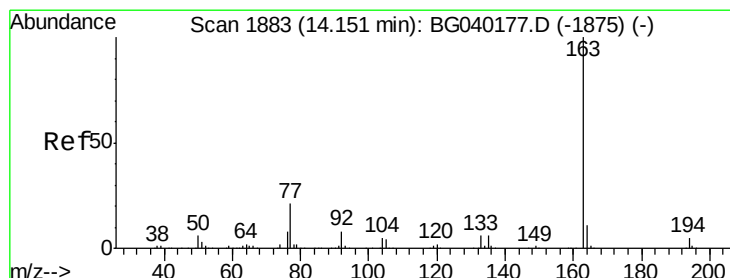
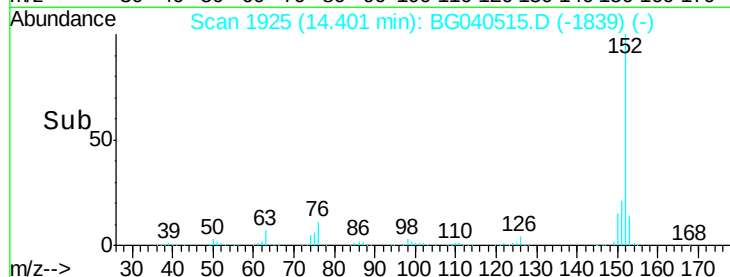
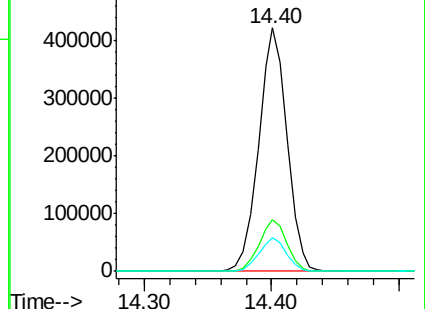
153 13.8 10.8 16.2



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: 41.624 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

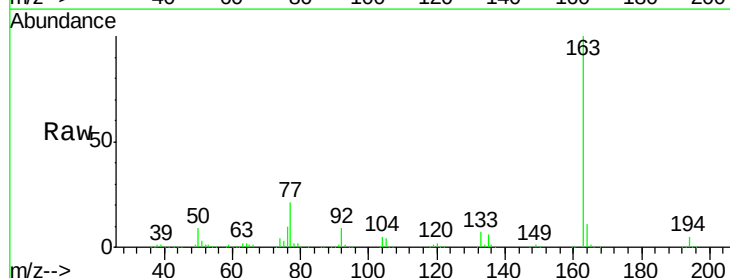
Tgt Ion:163 Resp: 515398

Ion Ratio Lower Upper

163 100

194 5.0 4.1 6.1

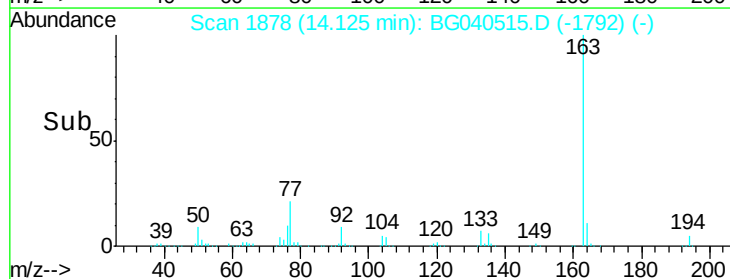
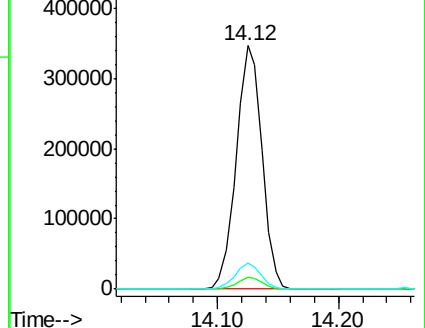
164 10.6 8.6 13.0

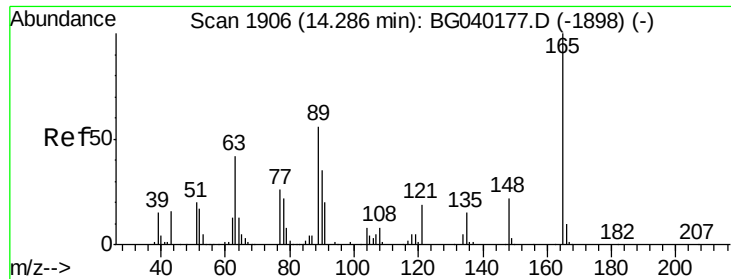


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.682 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

Instrument :

BNA_G

ClientSampleId :

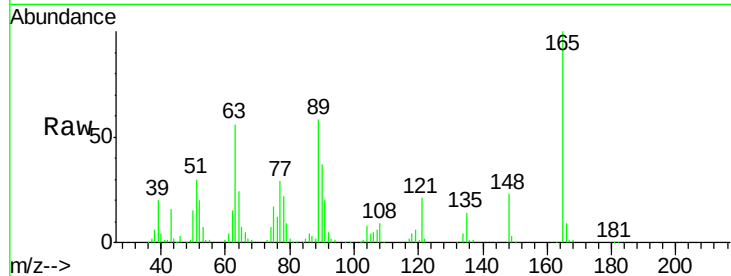
Tot Ion:165 Resp: 118668

Ion Ratio Lower Upper

165 100

63 55.7 44.1 66.1

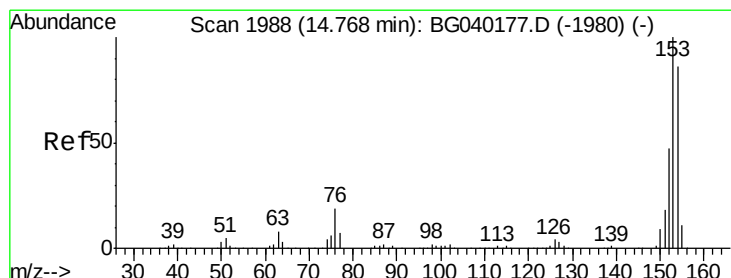
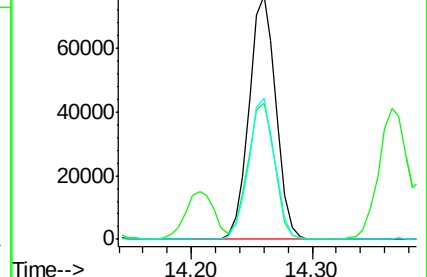
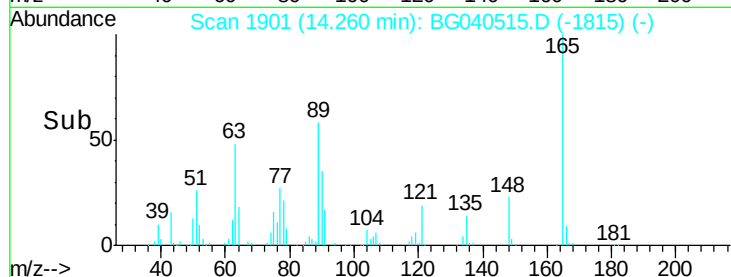
89 58.2 44.9 67.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 40.626 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

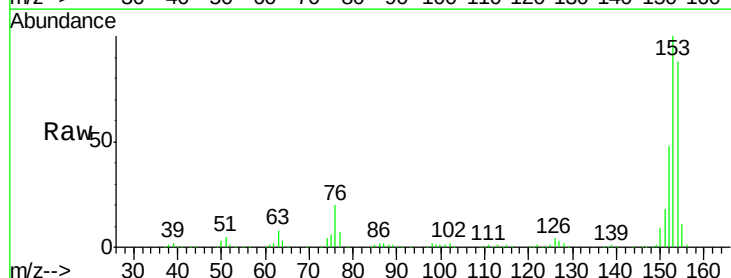
Tgt Ion:154 Resp: 378476

Ion Ratio Lower Upper

154 100

153 113.5 92.8 139.2

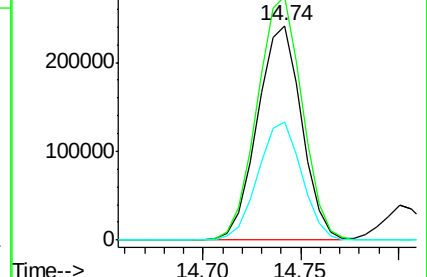
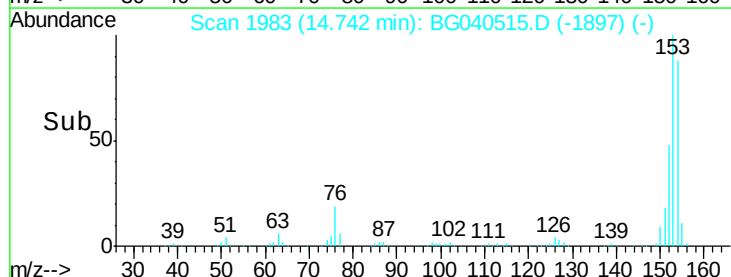
152 55.0 43.4 65.2

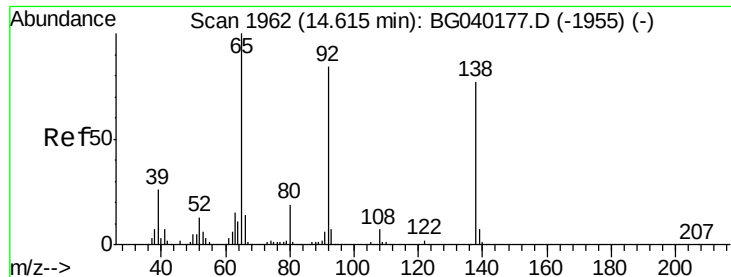


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 32.251 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

Instrument :

BNA_G

ClientSampleId :

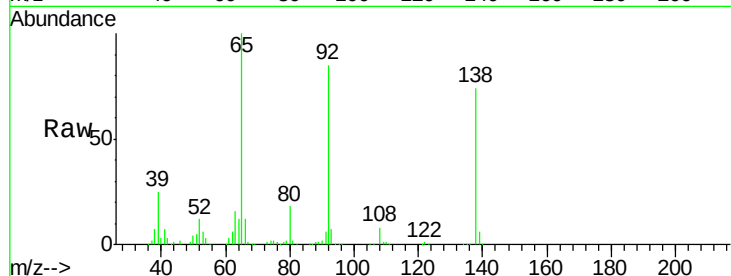
Tot Ion:138 Resp: 94916

Ion Ratio Lower Upper

138 100

108 10.5 7.8 11.8

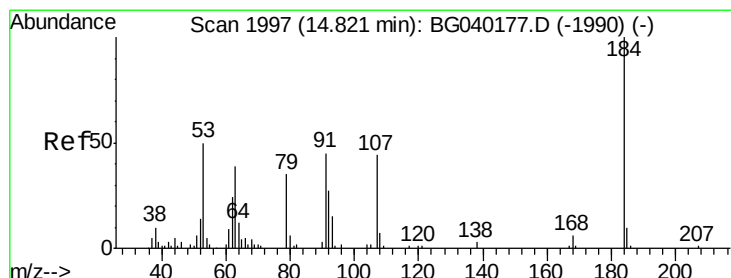
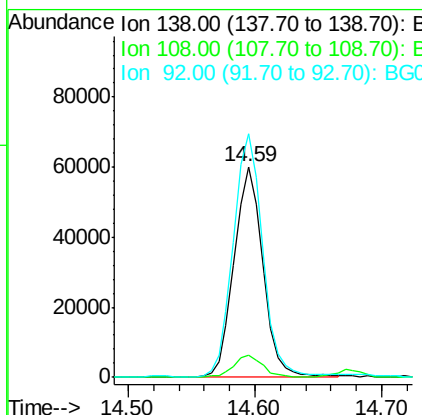
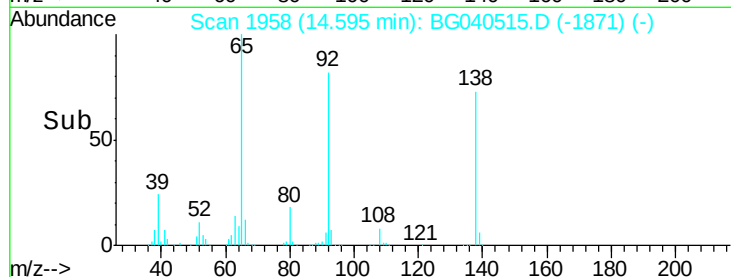
92 115.5 87.5 131.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#54

2,4-Dinitrophenol

Concen: 73.892 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

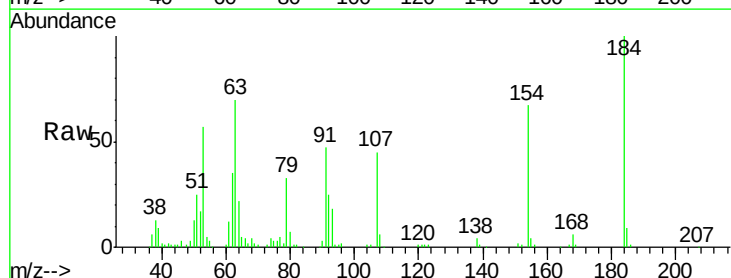
Tgt Ion:184 Resp: 109258

Ion Ratio Lower Upper

184 100

63 69.7 51.8 77.8

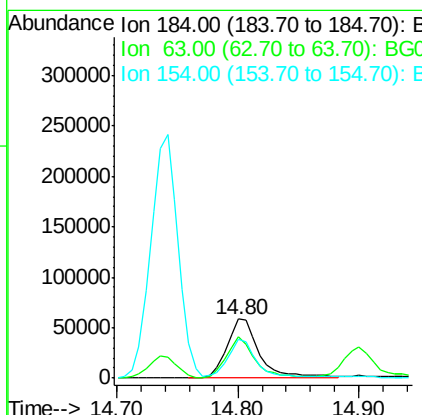
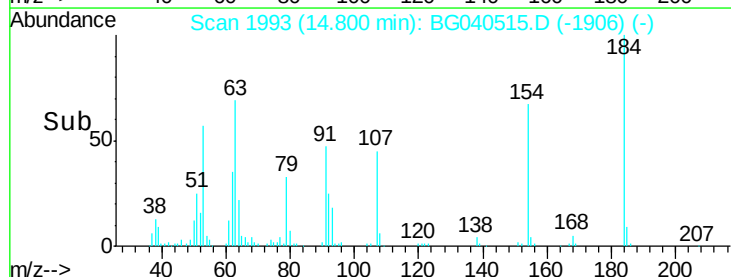
154 67.0 50.9 76.3

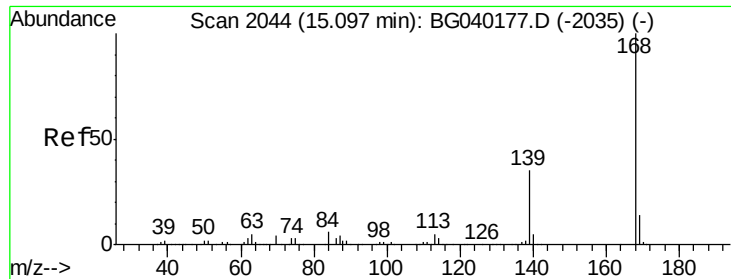


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E

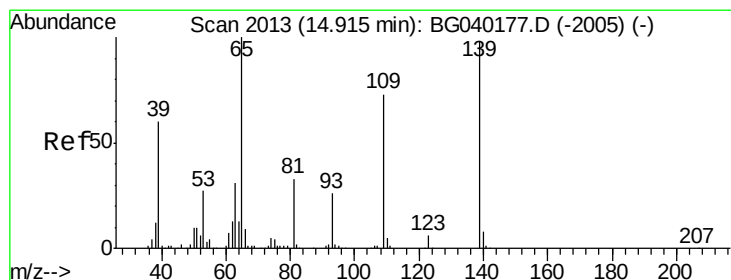
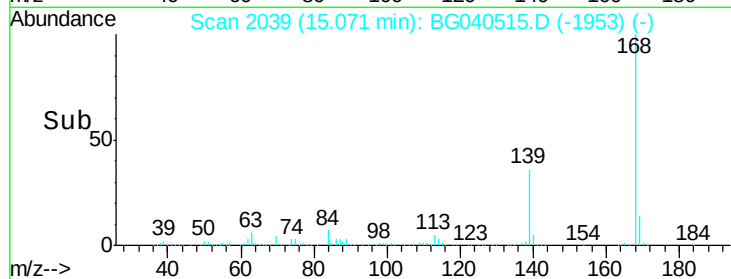
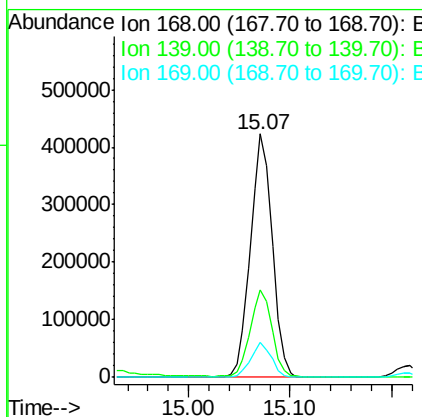
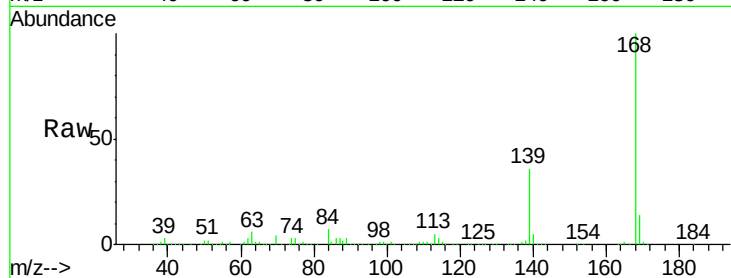




#55
Dibenzofuran
Concen: 42.247 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.03 min
Lab File: BG040515.D
Acq: 16 Apr 2019 22:52

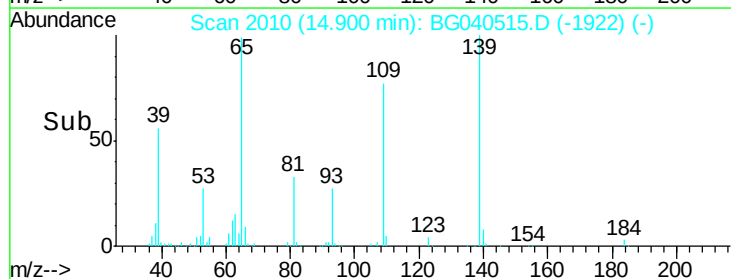
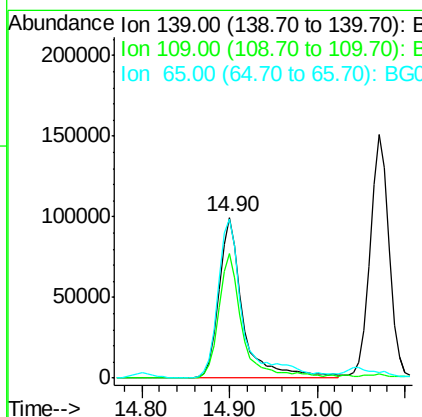
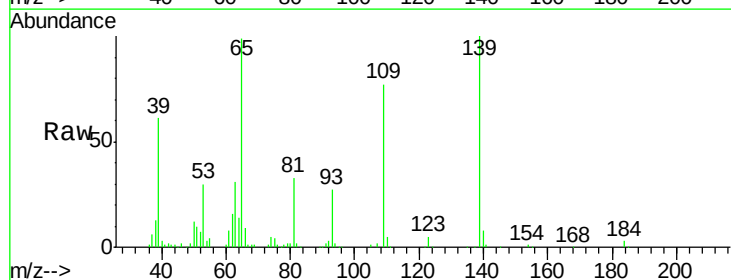
Instrument :
BNA_G
ClientSampleId :

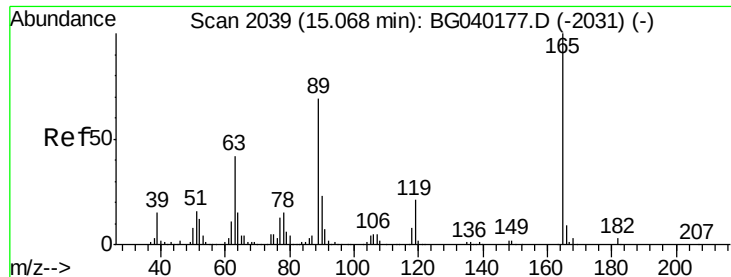
Tot Ion:168 Resp: 632413
Ion Ratio Lower Upper
168 100
139 35.7 27.9 41.9
169 14.3 11.3 16.9



#56
4-Nitrophenol
Concen: 80.179 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG040515.D
Acq: 16 Apr 2019 22:52

Tgt Ion:139 Resp: 190446
Ion Ratio Lower Upper
139 100
109 77.4 54.3 94.3
65 99.2 82.5 122.5

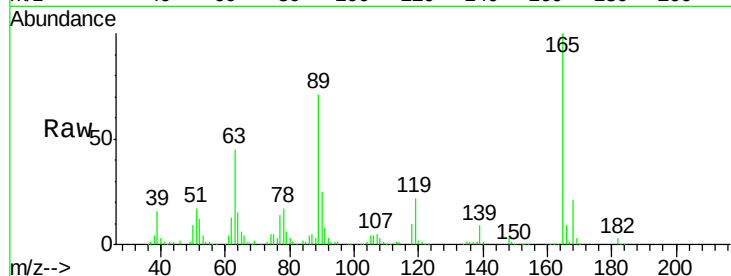




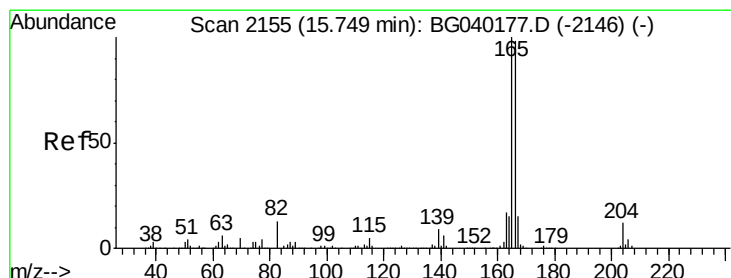
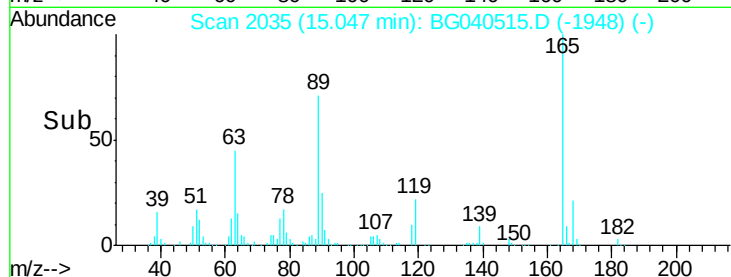
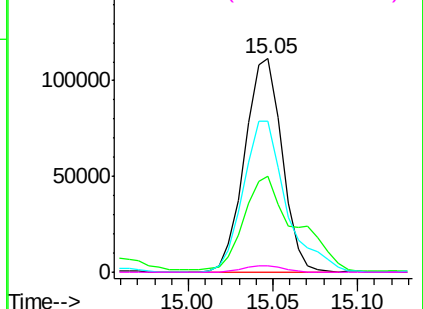
#57
 2,4-Dinitrotoluene
 Concen: 44.548 ng
 RT: 15.05 min Scan# 2035
 Delta R.T. -0.02 min
 Lab File: BG040515.D
 Acq: 16 Apr 2019 22:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	172101
Ion	Ratio	Lower	Upper
165	100		
63	45.1	33.8	50.6
89	70.6	55.4	83.2
182	3.2	2.2	3.4

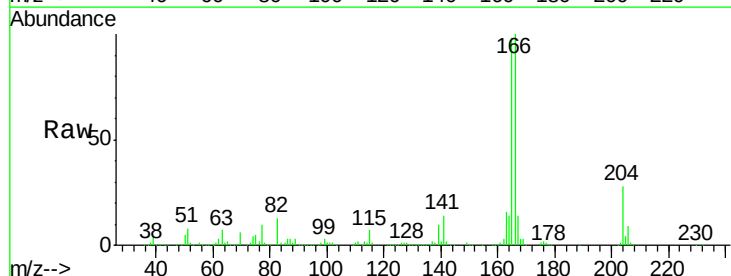


Abundance Ion 165.00 (164.70 to 165.70): E

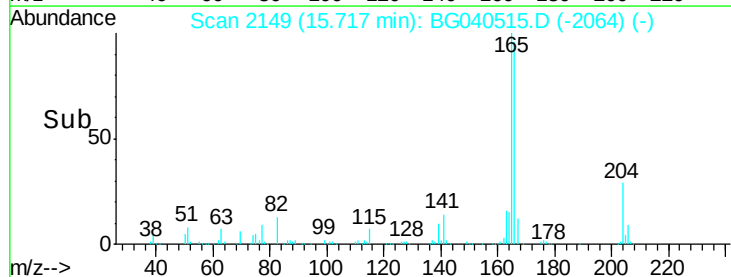
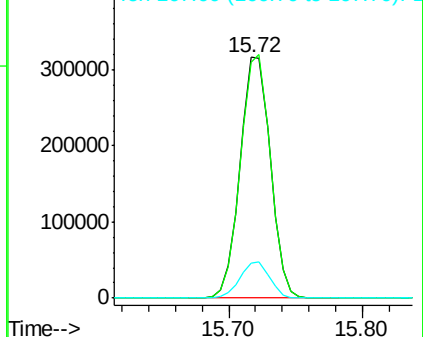


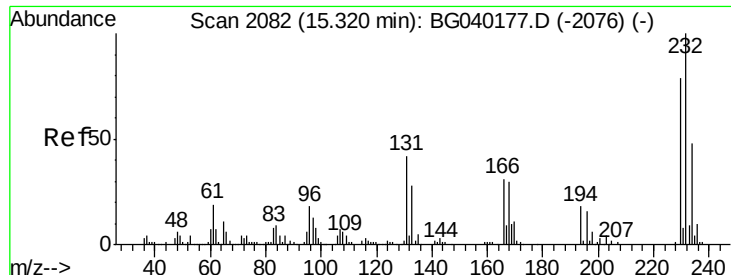
#58
 Fluorene
 Concen: 42.258 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.03 min
 Lab File: BG040515.D
 Acq: 16 Apr 2019 22:52

Tgt Ion:	166	Resp:	497350
Ion	Ratio	Lower	Upper
166	100		
165	98.1	81.7	122.5
167	14.4	11.9	17.9



Abundance Ion 166.00 (165.70 to 166.70): E

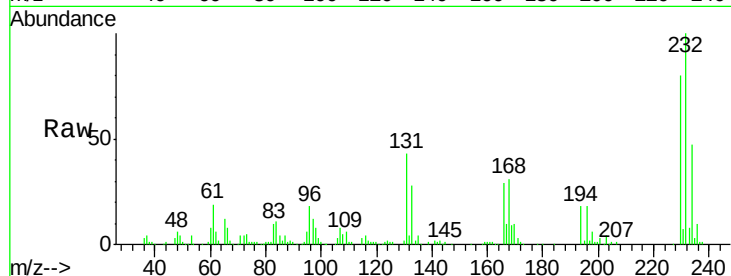




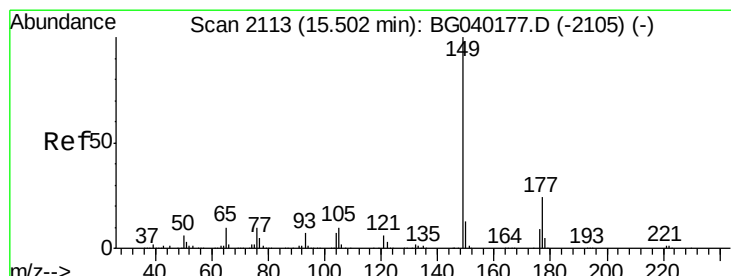
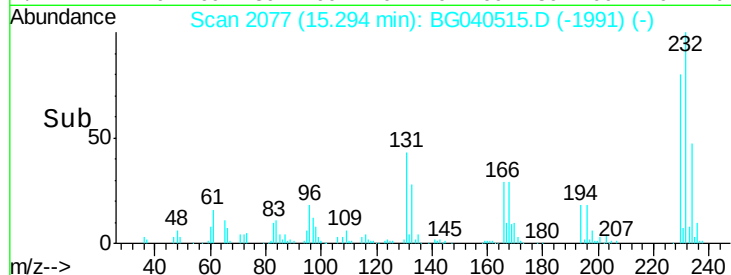
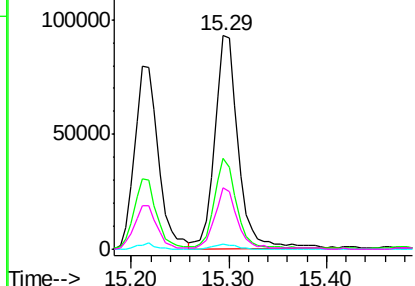
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.905 ng
RT: 15.29 min Scan# 2077
Delta R.T. -0.03 min
Lab File: BG040515.D
Acq: 16 Apr 2019 22:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	232	Resp:	153619
Ion	Ratio	Lower	Upper
232	100		
131	40.4	32.9	49.3
130	2.3	1.8	2.8
166	29.1	23.5	35.3

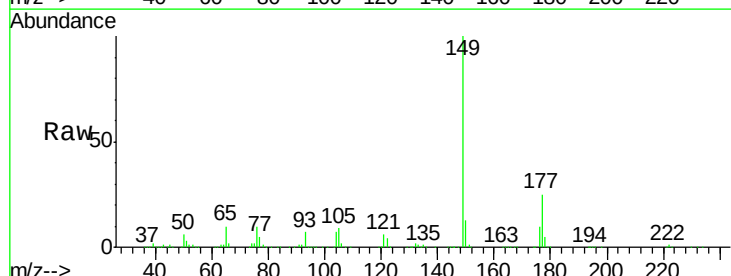


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

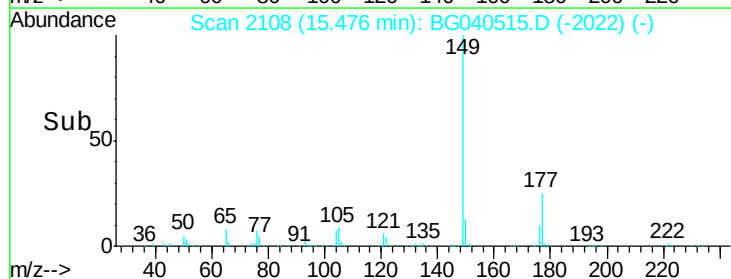
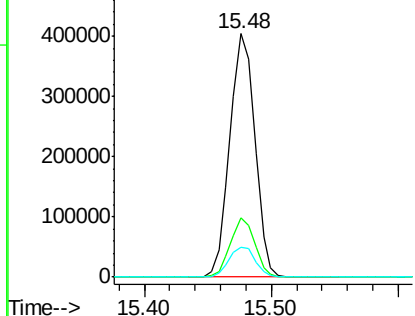


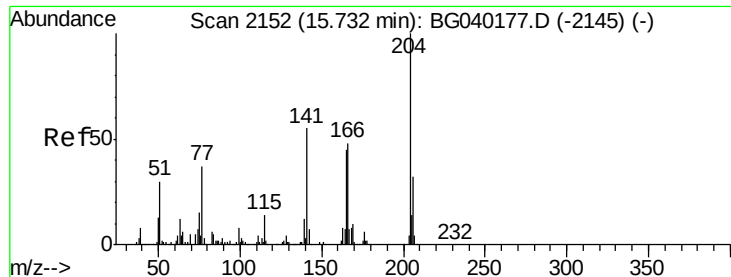
#60
Diethylphthalate
Concen: 43.636 ng
RT: 15.48 min Scan# 2108
Delta R.T. -0.03 min
Lab File: BG040515.D
Acq: 16 Apr 2019 22:52

Tgt Ion:	149	Resp:	552903
Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.1	28.7
150	12.5	10.6	15.8



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

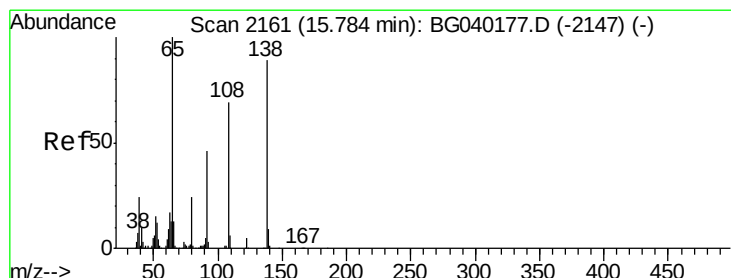
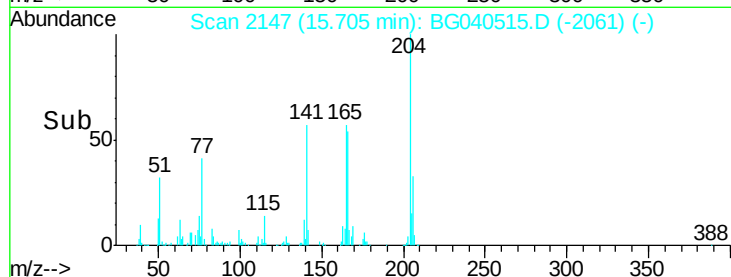
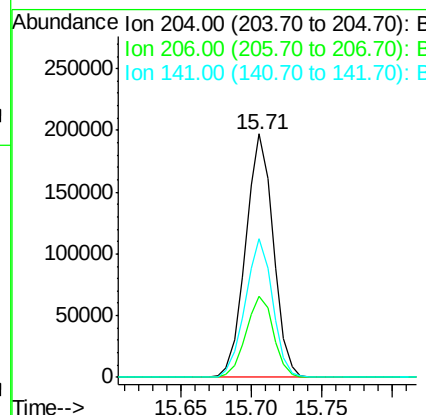
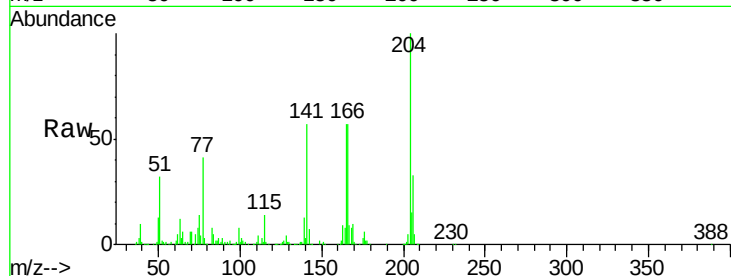




#61
 4-Chlorophenyl-phenylether
 Concen: 42.841 ng
 RT: 15.71 min Scan# 2147
 Delta R.T. -0.03 min
 Lab File: BG040515.D
 Acq: 16 Apr 2019 22:52

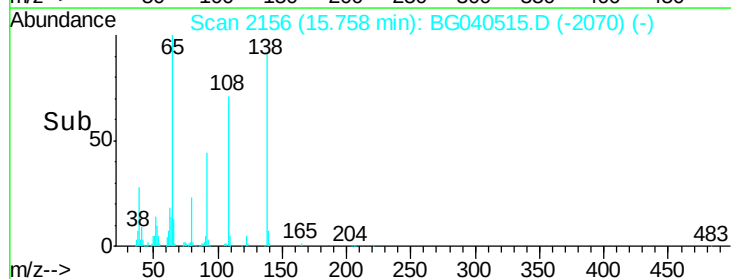
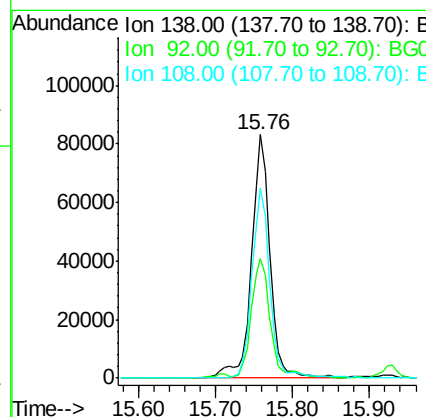
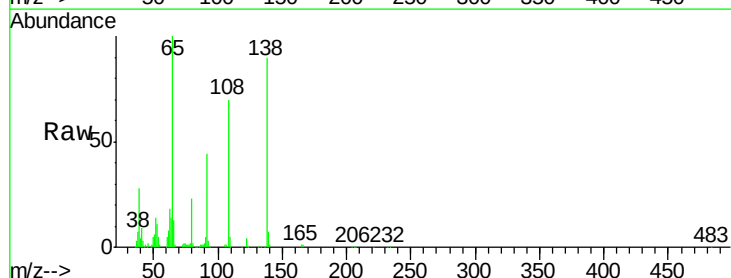
Instrument :
 BNA_G
 ClientSampleId :

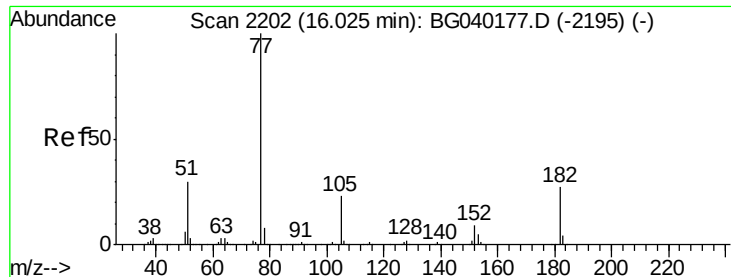
Tot Ion:204 Resp: 269516
 Ion Ratio Lower Upper
 204 100
 206 33.2 25.7 38.5
 141 57.1 44.0 66.0



#62
 4-Nitroaniline
 Concen: 44.566 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.03 min
 Lab File: BG040515.D
 Acq: 16 Apr 2019 22:52

Tgt Ion:138 Resp: 140754
 Ion Ratio Lower Upper
 138 100
 92 49.0 31.8 71.8
 108 77.9 57.2 97.2





#63

Azobenzene

Concen: 43.450 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

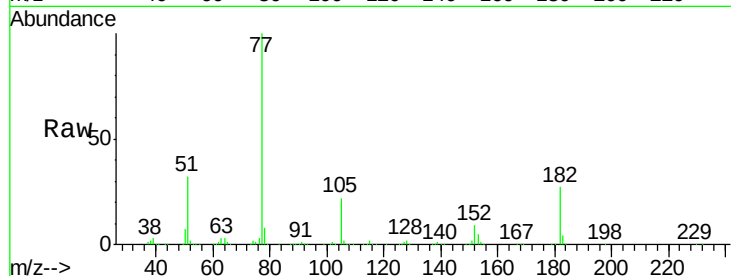
Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 519305

Ion	Ratio	Lower	Upper
77	100		
182	27.2	7.2	47.2
105	22.1	2.8	42.8
51	31.9	10.4	50.4

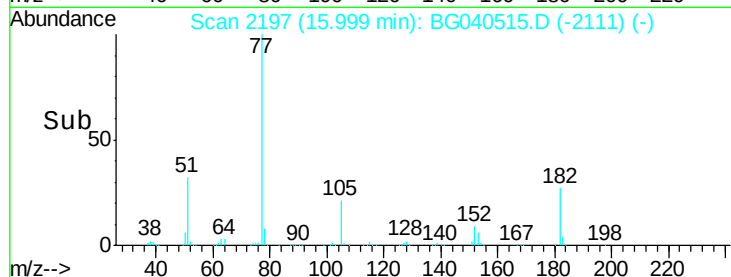


Abundance Ion 77.00 (76.70 to 77.70): BGC

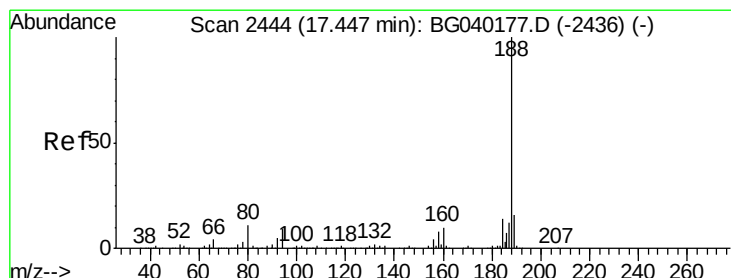
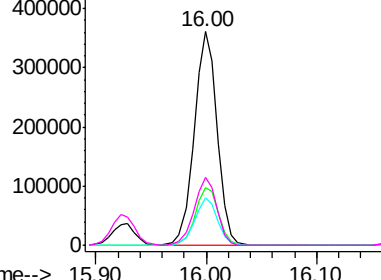
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

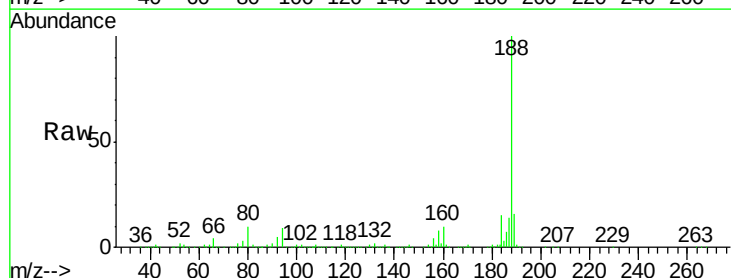
Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

Tgt Ion: 188 Resp: 412166

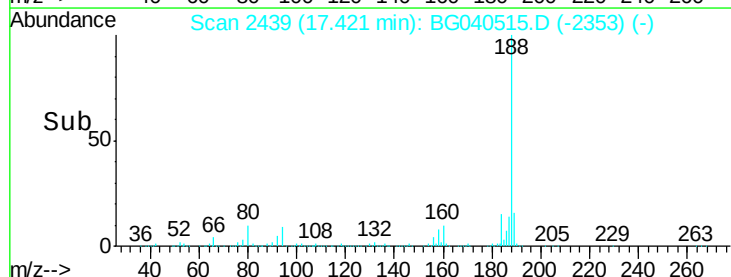
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.4
80	10.1	8.6	13.0



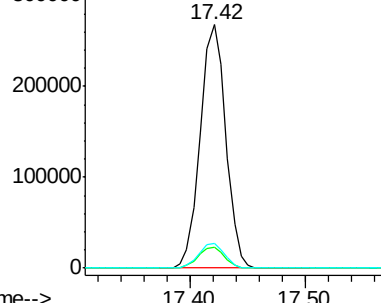
Abundance Ion 188.00 (187.70 to 188.70): BGC

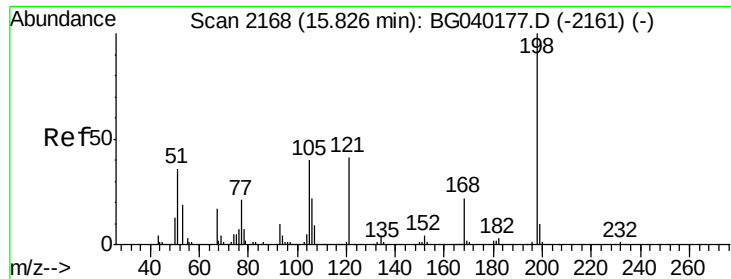
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 37.872 ng

RT: 15.81 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

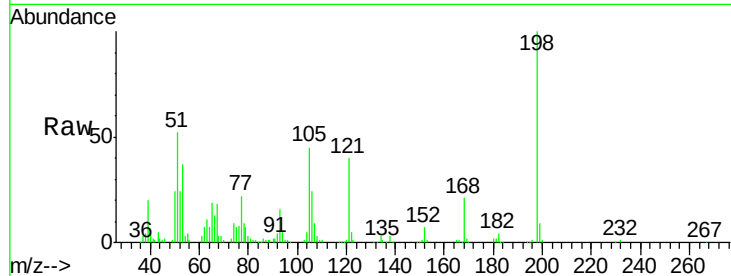
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 87696

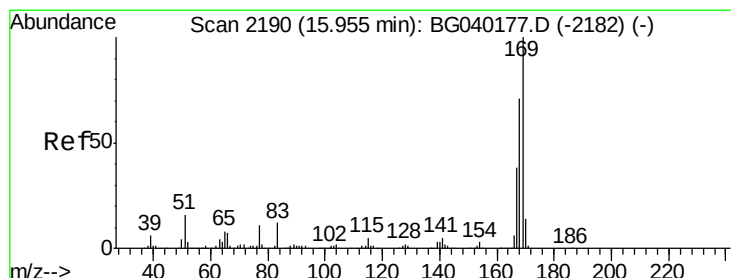
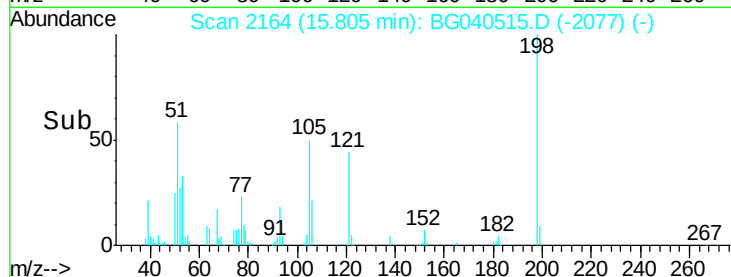
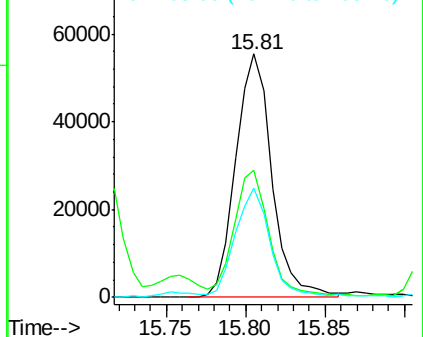
Ion	Ratio	Lower	Upper
198	100		
51	52.0	27.3	67.3
105	45.0	21.7	61.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG040177.D (-2161) (-)

Ion 105.00 (104.70 to 105.70): BG040177.D (-2161) (-)



#66

n-Nitrosodiphenylamine

Concen: 39.775 ng

RT: 15.93 min Scan# 2185

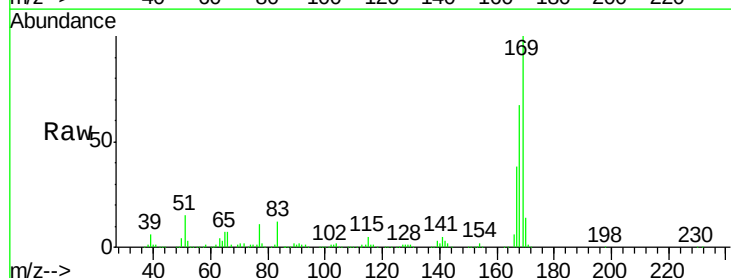
Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

Tgt Ion:169 Resp: 479733

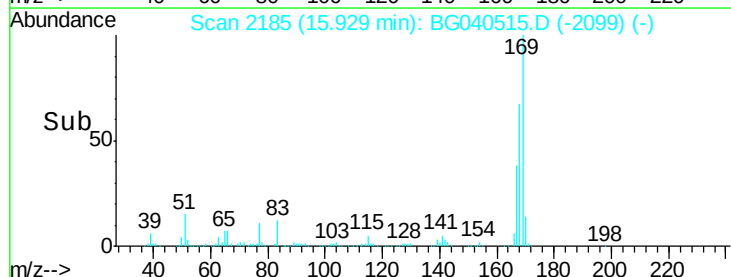
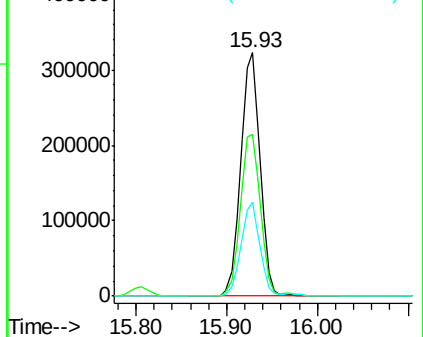
Ion	Ratio	Lower	Upper
169	100		
168	66.7	56.8	85.2
167	38.5	30.2	45.4

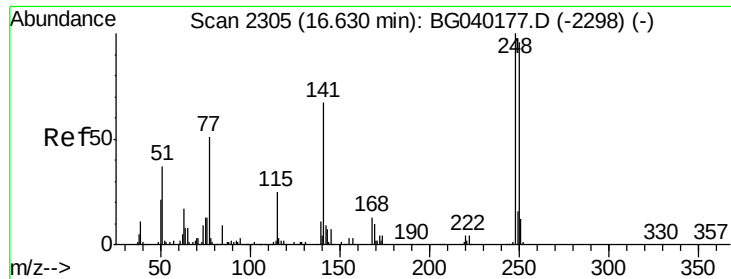


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): BG040177.D (-2182) (-)

Ion 167.00 (166.70 to 167.70): BG040177.D (-2182) (-)

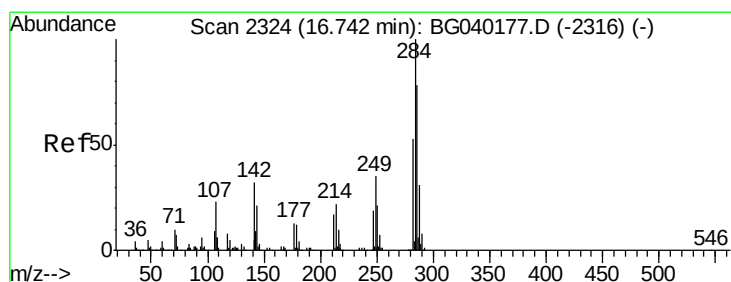
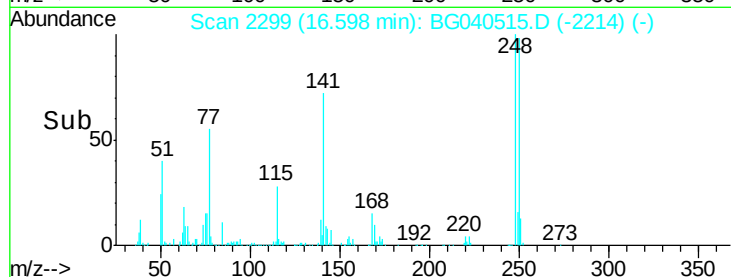
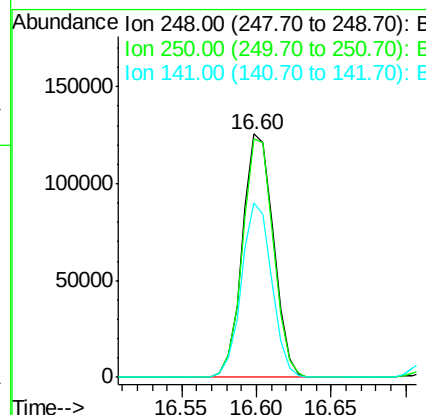
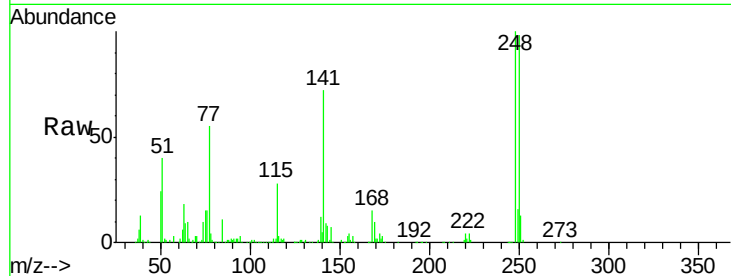




#67
4-Bromophenyl-phenylether
Concen: 38.947 ng
RT: 16.60 min Scan# 2299
Delta R.T. -0.03 min
Lab File: BG040515.D
Acq: 16 Apr 2019 22:52

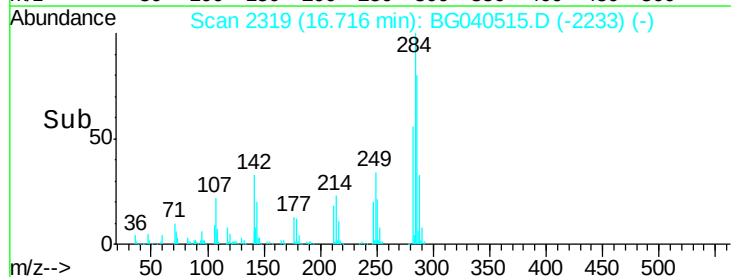
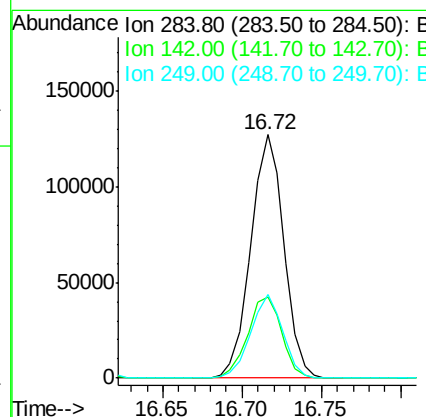
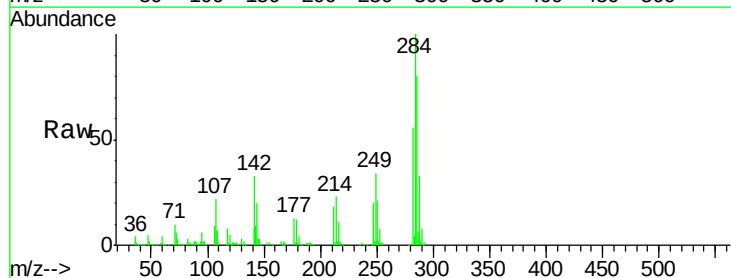
Instrument :
BNA_G
ClientSampleId :

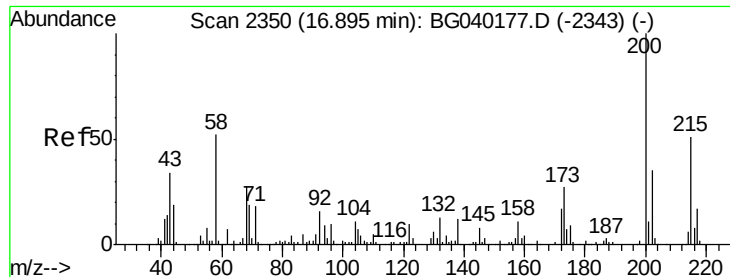
Tot Ion:248 Resp: 180649
Ion Ratio Lower Upper
248 100
250 97.8 76.4 114.6
141 71.7 53.8 80.8



#68
Hexachlorobenzene
Concen: 39.566 ng
RT: 16.72 min Scan# 2319
Delta R.T. -0.03 min
Lab File: BG040515.D
Acq: 16 Apr 2019 22:52

Tgt Ion:284 Resp: 184522
Ion Ratio Lower Upper
284 100
142 33.3 25.3 37.9
249 34.4 28.2 42.2





#69

Atrazine

Concen: 40.180 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

Instrument :

BNA_G

ClientSampleId :

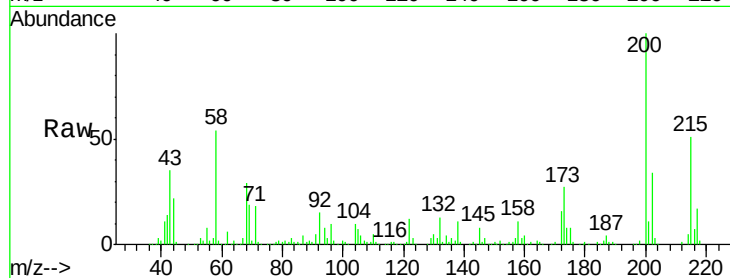
Tot Ion:200 Resp: 180273

Ion Ratio Lower Upper

200 100

173 26.5 7.1 47.1

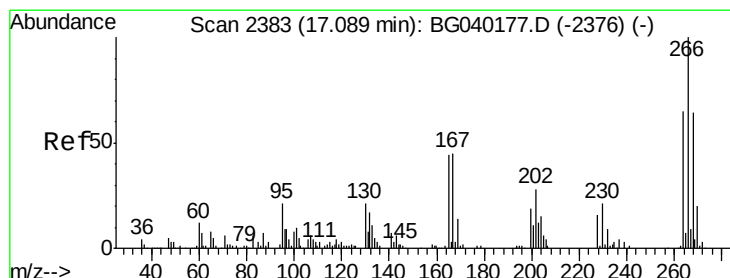
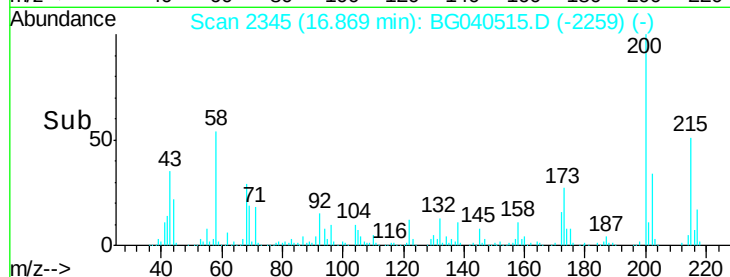
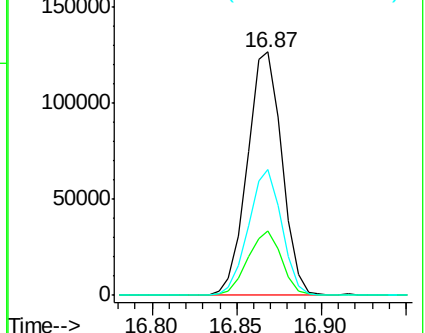
215 51.5 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 70.760 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.02 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

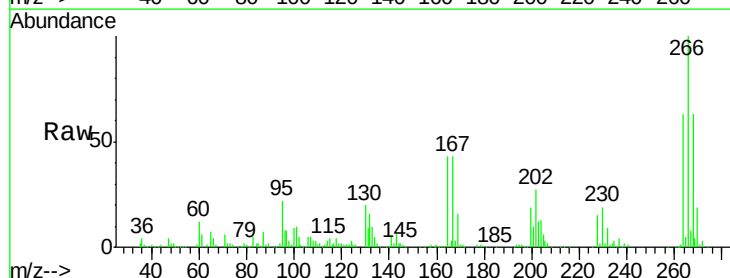
Tgt Ion:266 Resp: 190785

Ion Ratio Lower Upper

266 100

268 62.9 55.0 82.4

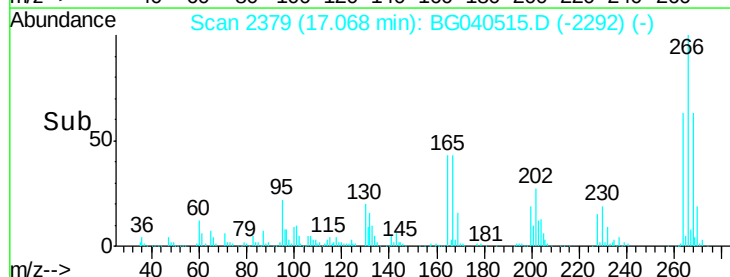
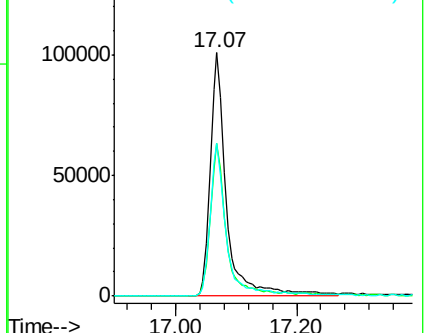
264 62.9 51.8 77.8

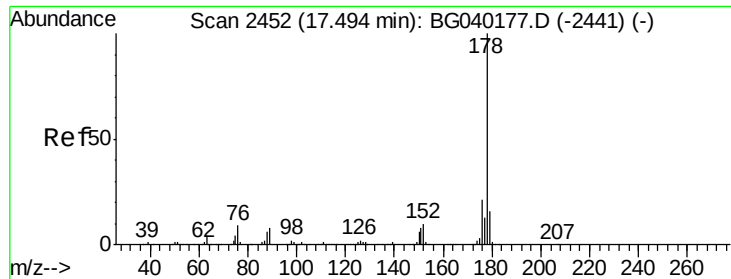


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

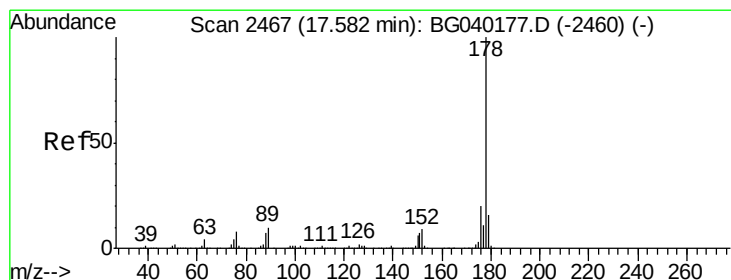
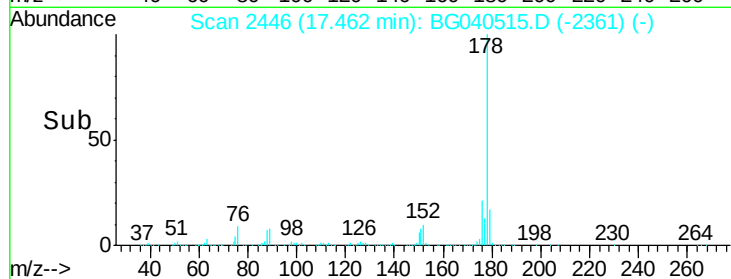
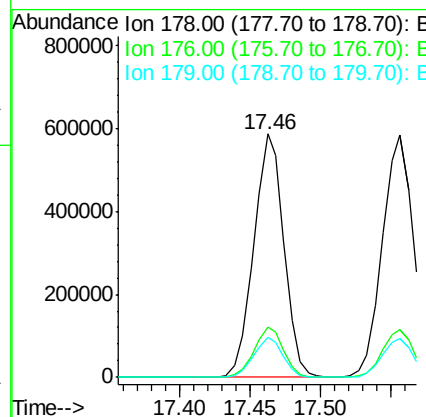
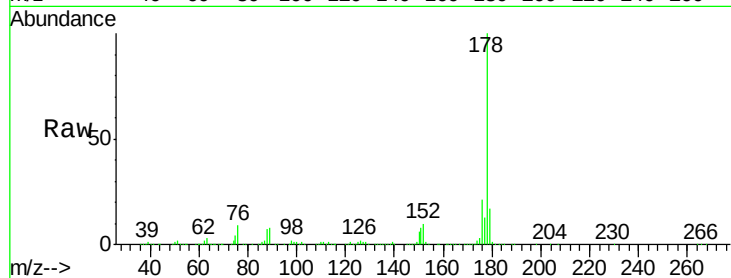




#71
Phenanthrene
Concen: 40.518 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.03 min
Lab File: BG040515.D
Acq: 16 Apr 2019 22:52

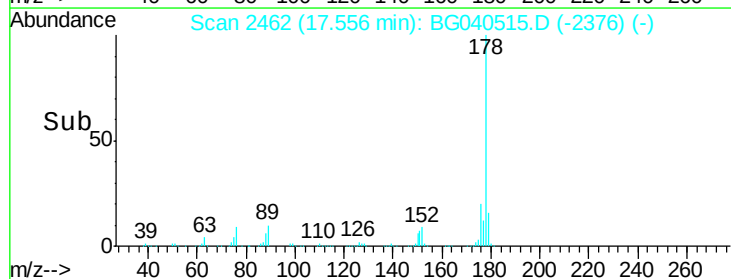
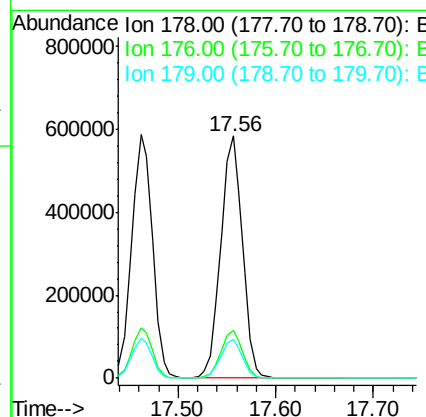
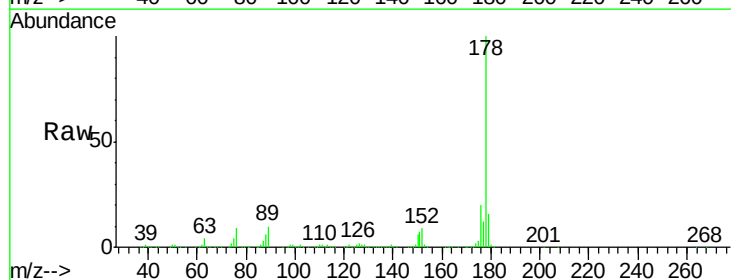
Instrument :
BNA_G
ClientSampleId :

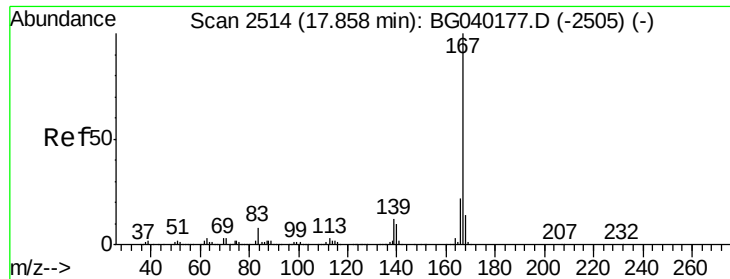
Tot Ion:178 Resp: 877783
Ion Ratio Lower Upper
178 100
176 20.9 16.7 25.1
179 16.7 12.8 19.2



#72
Anthracene
Concen: 41.317 ng
RT: 17.56 min Scan# 2462
Delta R.T. -0.03 min
Lab File: BG040515.D
Acq: 16 Apr 2019 22:52

Tgt Ion:178 Resp: 895923
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 16.1 12.9 19.3





#73

Carbazole

Concen: 41.651 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

Instrument :

BNA_G

ClientSampleId :

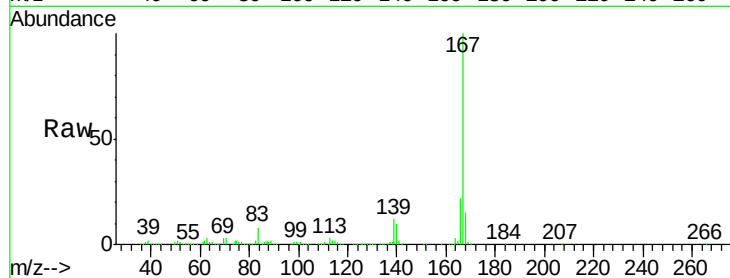
Tot Ion:167 Resp: 854749

Ion Ratio Lower Upper

167 100

166 22.2 17.5 26.3

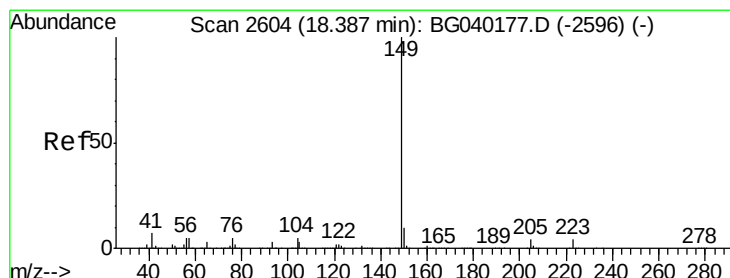
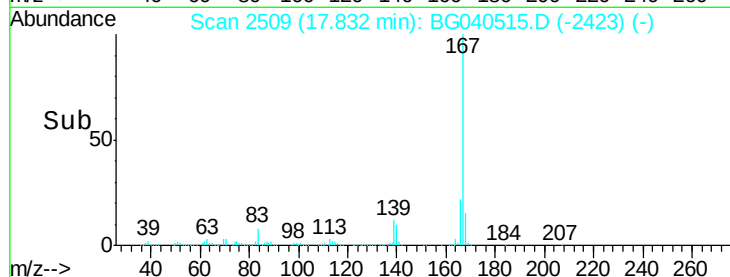
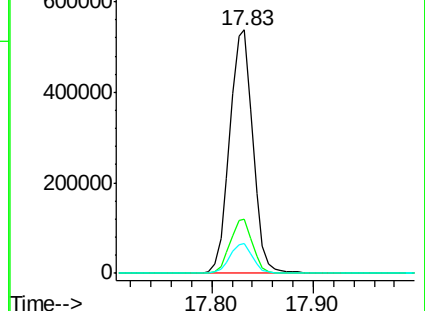
139 12.2 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.509 ng

RT: 18.36 min Scan# 2598

Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

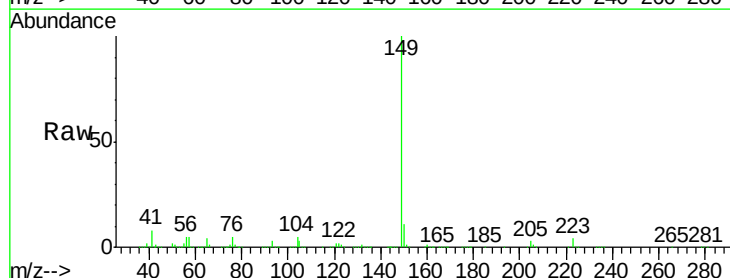
Tgt Ion:149 Resp: 1034053

Ion Ratio Lower Upper

149 100

150 10.6 7.9 11.9

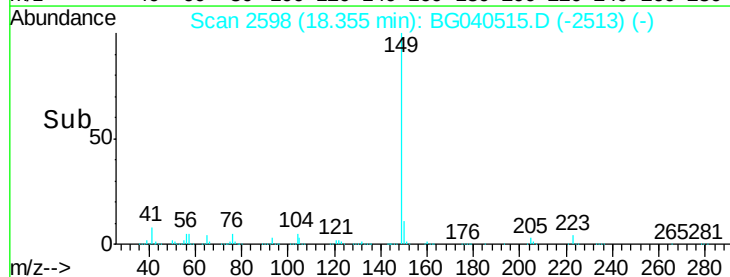
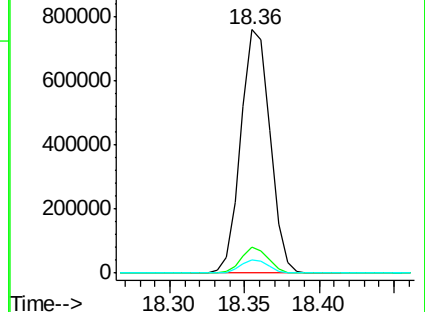
104 5.5 4.1 6.1

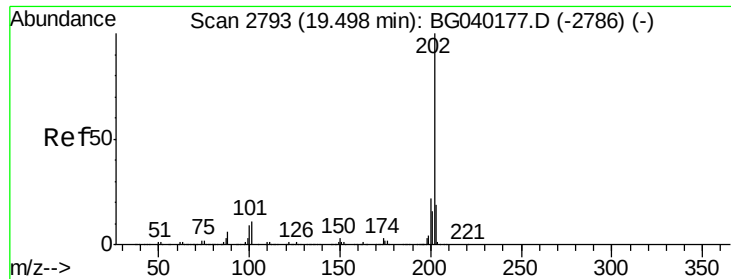


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.341 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

Instrument :

BNA_G

ClientSampled :

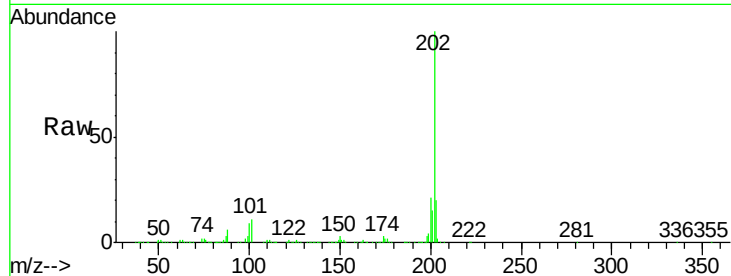
Tot Ion:202 Resp: 1086184

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.8

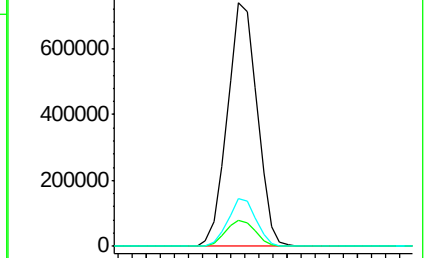
203 19.6 0.0 38.9



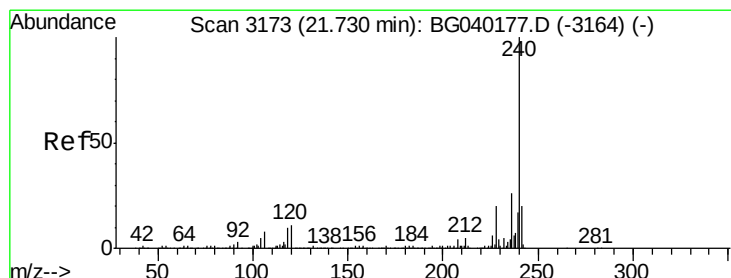
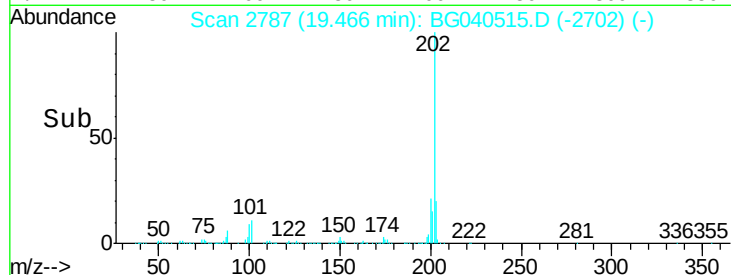
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

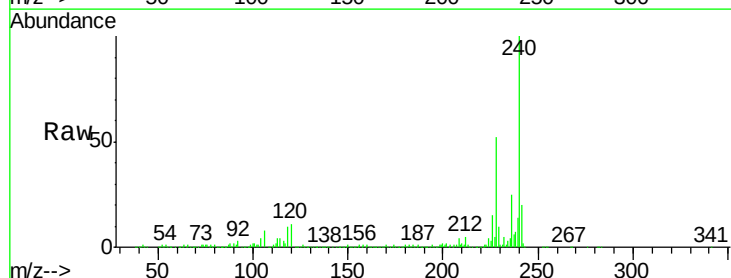
Tgt Ion:240 Resp: 411877

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

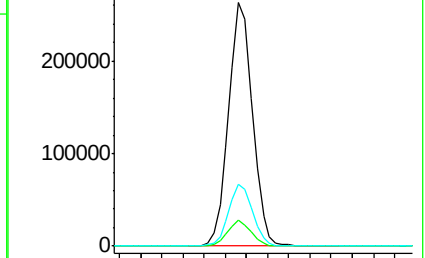
236 25.2 20.8 31.2



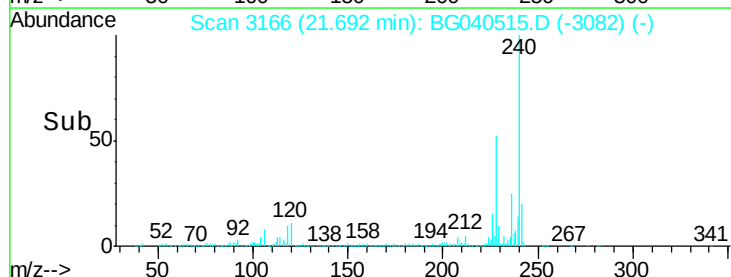
Abundance Ion 240.00 (239.70 to 240.70): E

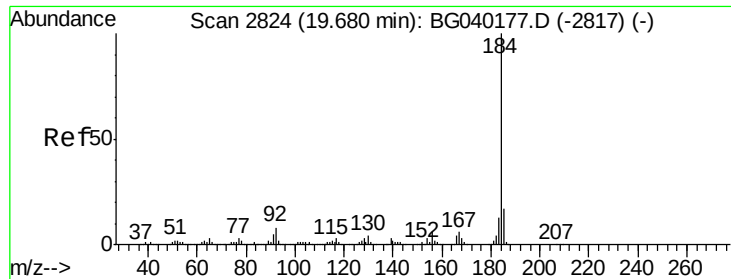
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->

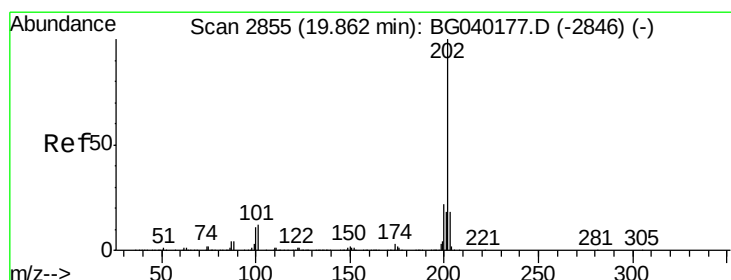
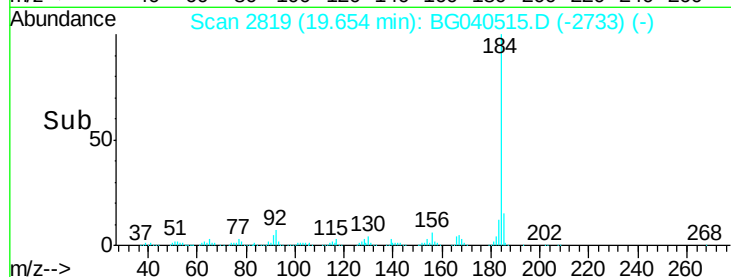
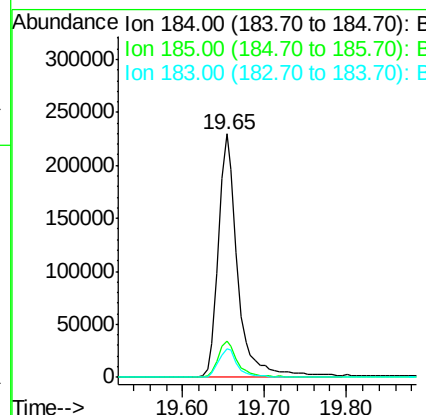
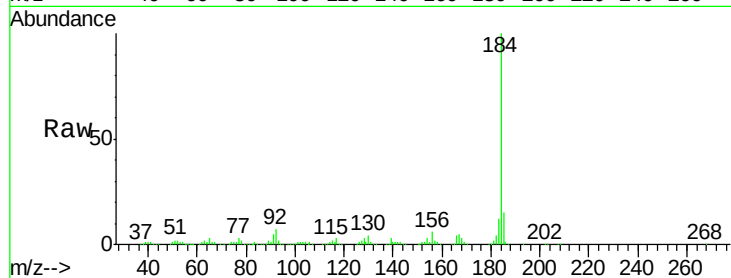




#77
Benzidine
Concen: 25.697 ng
RT: 19.65 min Scan# 2819
Delta R.T. -0.03 min
Lab File: BG040515.D
Acq: 16 Apr 2019 22:52

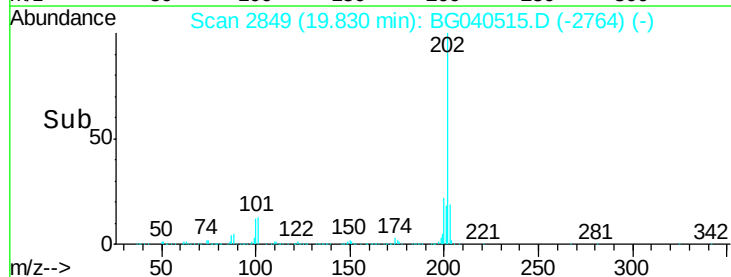
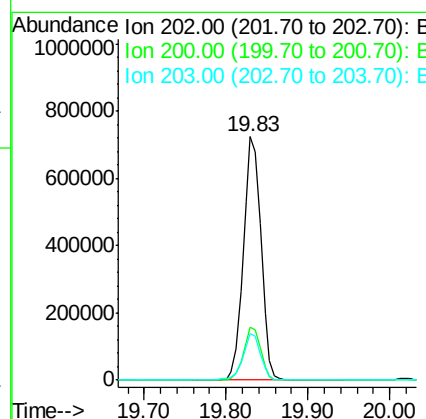
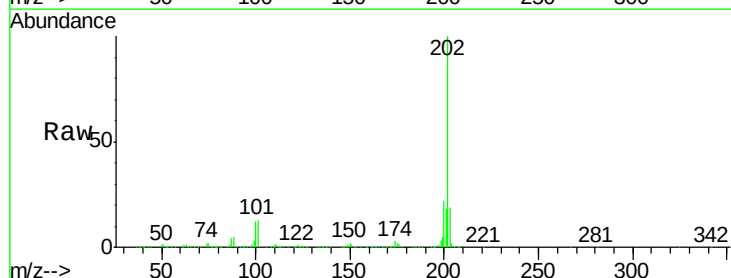
Instrument :
BNA_G
ClientSampleId :

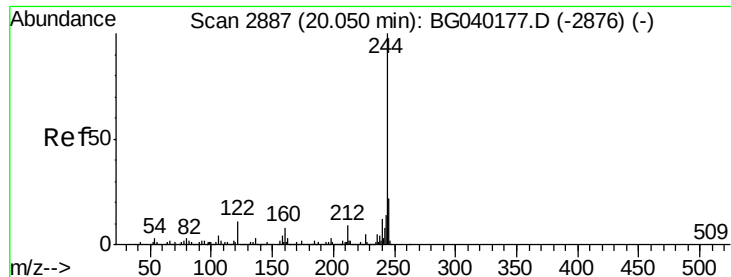
Tot Ion:184 Resp: 382201
Ion Ratio Lower Upper
184 100
185 14.9 13.3 19.9
183 11.9 10.3 15.5



#78
Pyrene
Concen: 40.165 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.03 min
Lab File: BG040515.D
Acq: 16 Apr 2019 22:52

Tgt Ion:202 Resp: 1087888
Ion Ratio Lower Upper
202 100
200 21.9 17.3 25.9
203 19.3 14.6 22.0





#79

Terphenyl-d14

Concen: 83.605 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

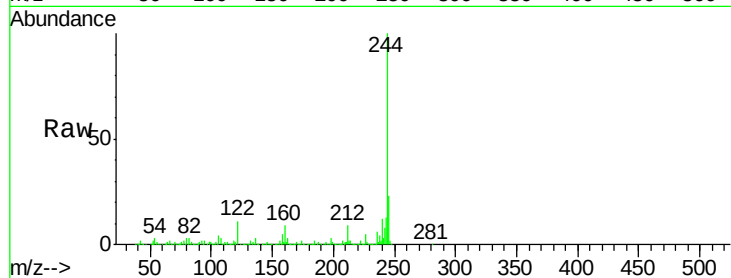
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1530671

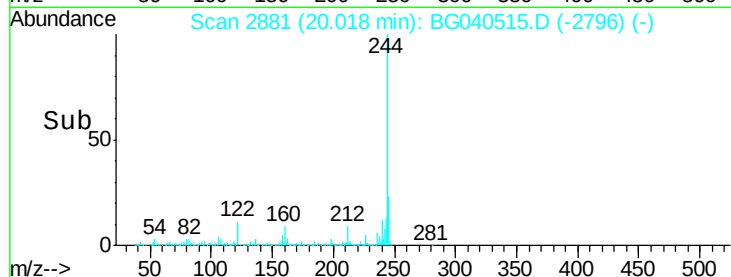
Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.0	10.6
122	11.4	8.5	12.7



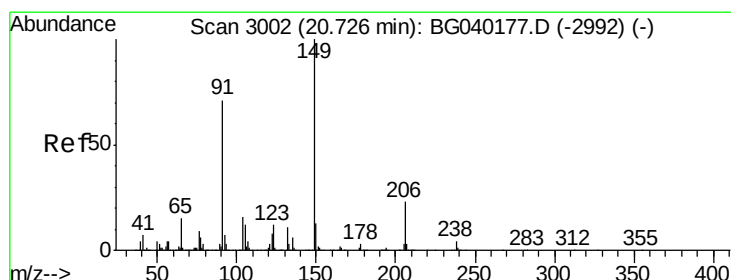
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 42.566 ng

RT: 20.70 min Scan# 2997

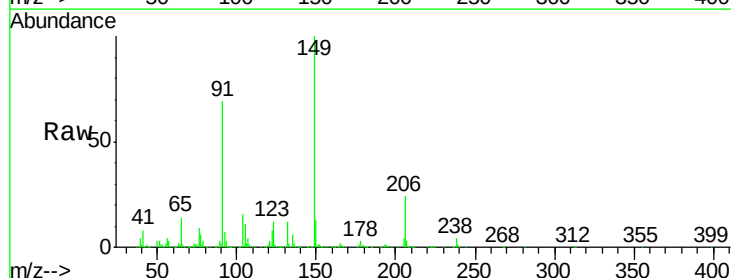
Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

Tgt Ion:149 Resp: 493345

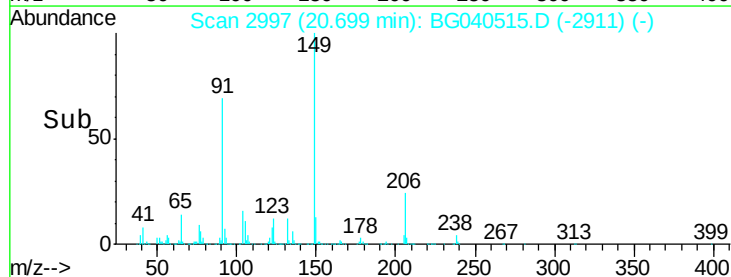
Ion	Ratio	Lower	Upper
149	100		
91	69.1	57.0	85.4
206	23.9	18.2	27.4



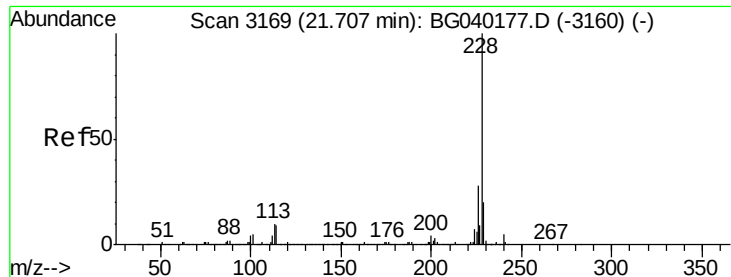
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E



Time-->



#81

Benzo(a)anthracene

Concen: 39.071 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

Instrument :

BNA_G

ClientSampleId :

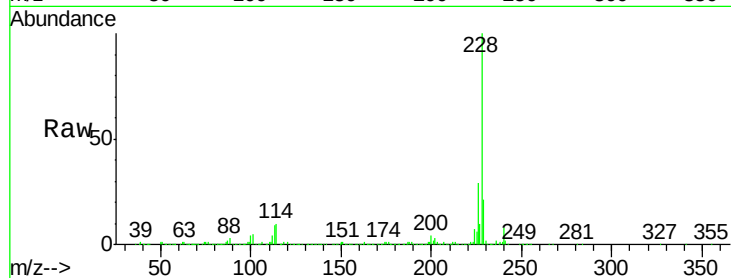
Tot Ion:228 Resp: 991215

Ion Ratio Lower Upper

228 100

226 29.3 22.6 34.0

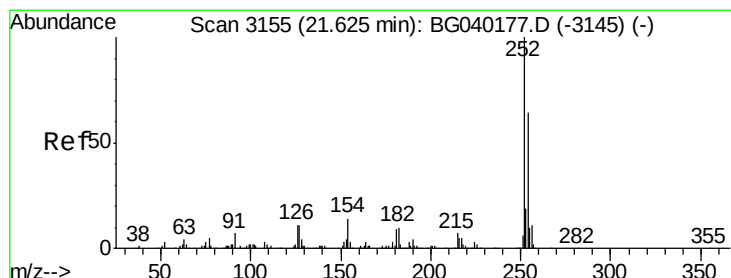
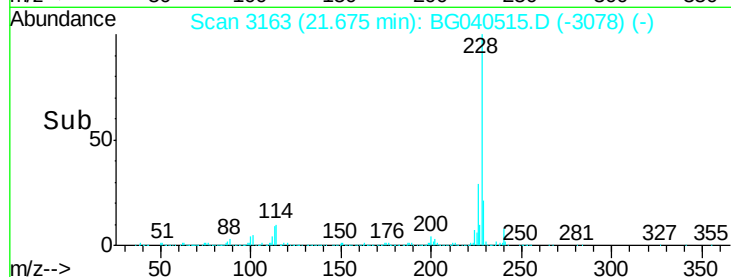
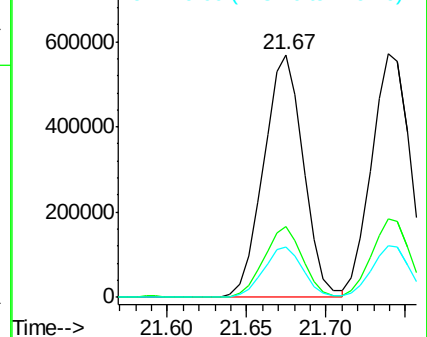
229 20.8 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.879 ng

RT: 21.59 min Scan# 3148

Delta R.T. -0.04 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

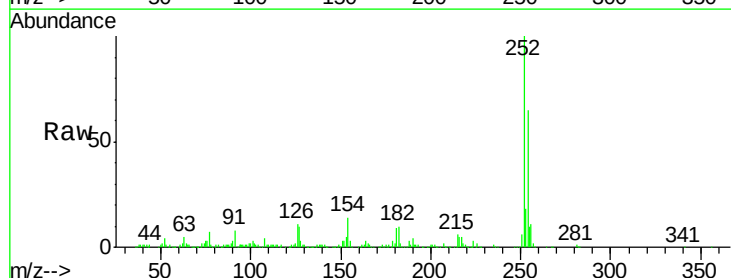
Tgt Ion:252 Resp: 288353

Ion Ratio Lower Upper

252 100

254 65.0 51.4 77.2

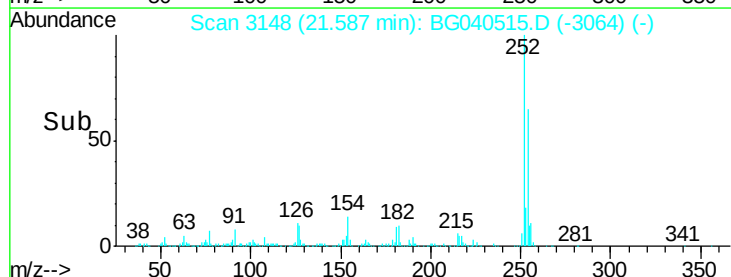
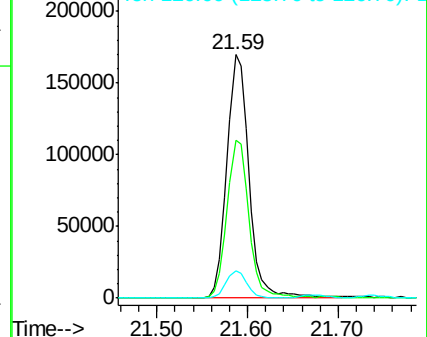
126 11.3 8.5 12.7

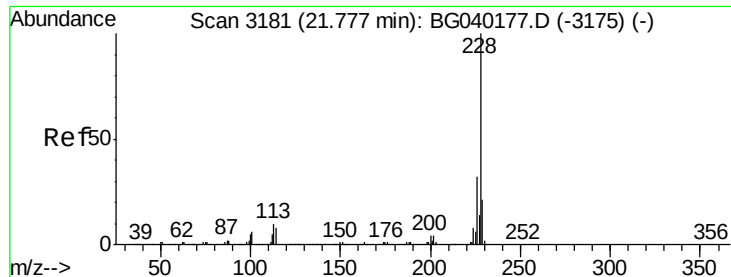


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.752 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.04 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

Instrument :

BNA_G

ClientSampleId :

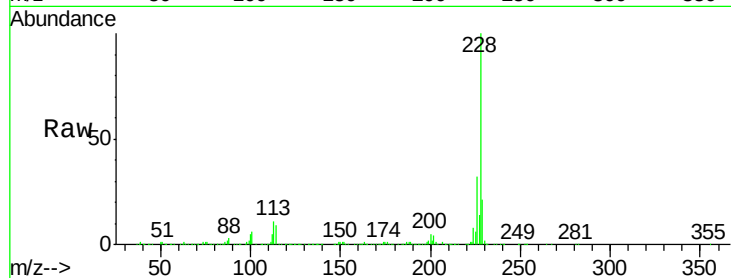
Tot Ion:228 Resp: 969211

Ion Ratio Lower Upper

228 100

226 32.4 25.4 38.0

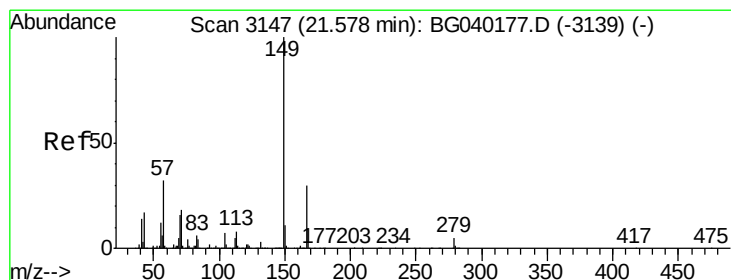
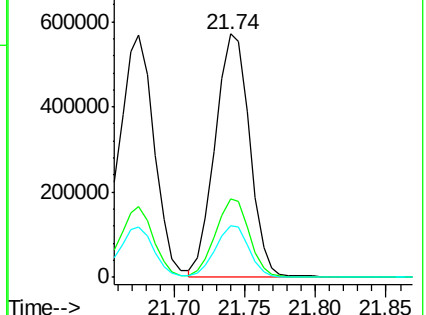
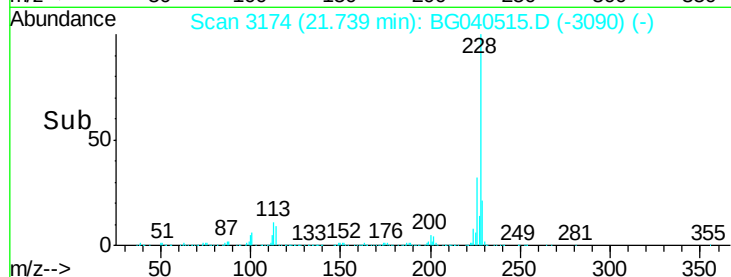
229 21.1 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.155 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.04 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

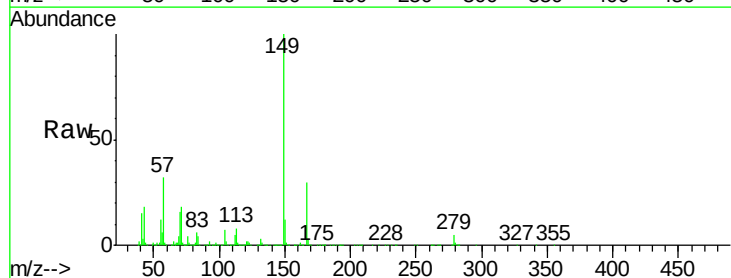
Tgt Ion:149 Resp: 714984

Ion Ratio Lower Upper

149 100

167 30.1 24.1 36.1

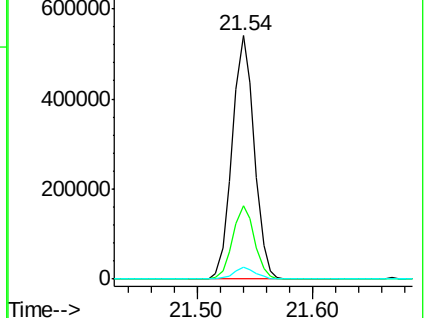
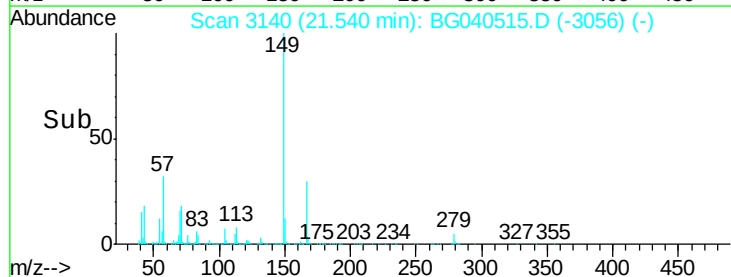
279 4.9 4.1 6.1

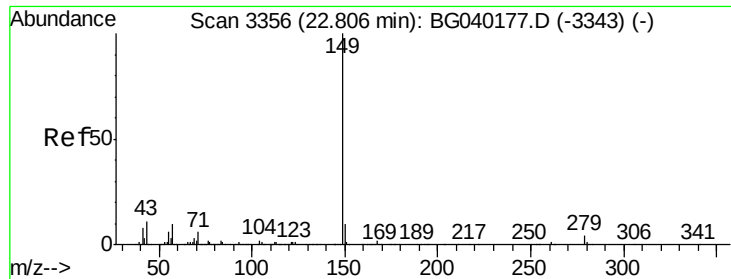


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

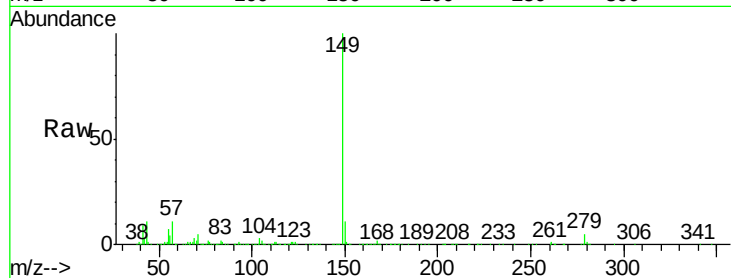




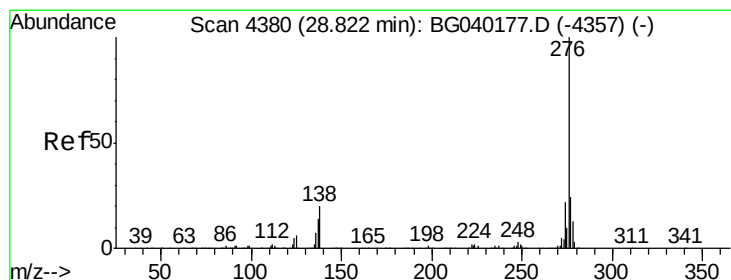
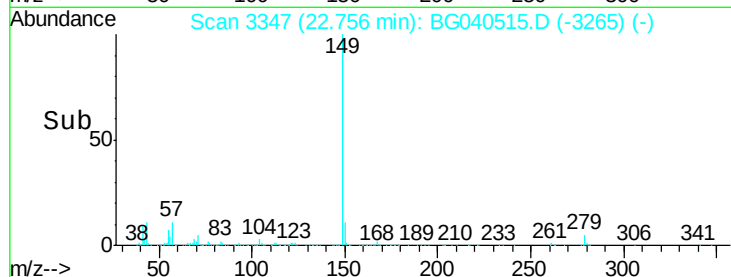
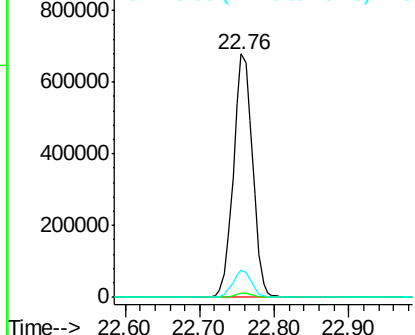
#85
Di-n-octyl phthalate
Concen: 42.960 ng
RT: 22.76 min Scan# 3347
Delta R.T. -0.05 min
Lab File: BG040515.D
Acq: 16 Apr 2019 22:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1212663
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 11.0 8.7 13.1

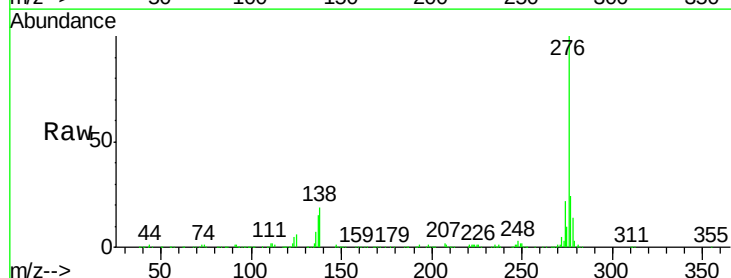


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

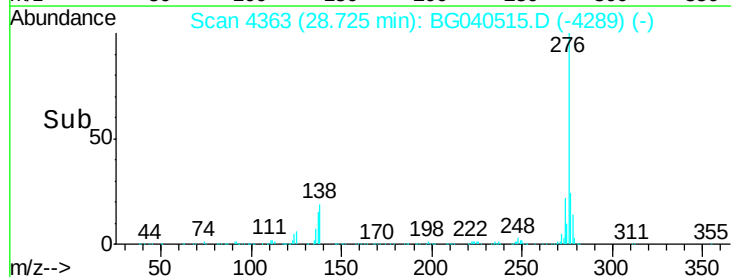
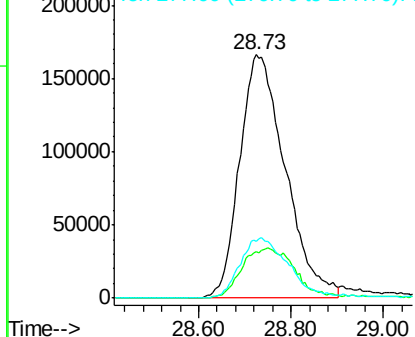


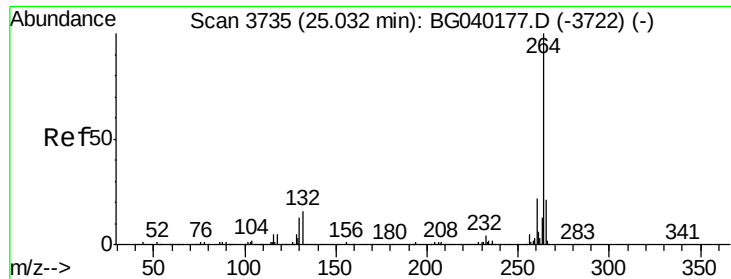
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.210 ng
RT: 28.73 min Scan# 4363
Delta R.T. -0.10 min
Lab File: BG040515.D
Acq: 16 Apr 2019 22:52

Tgt Ion:276 Resp: 1139423
Ion Ratio Lower Upper
276 100
138 0.0 18.8 28.2#
277 26.0 21.0 31.4



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3723

Delta R.T. -0.07 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

Instrument :

BNA_G

ClientSampleId :

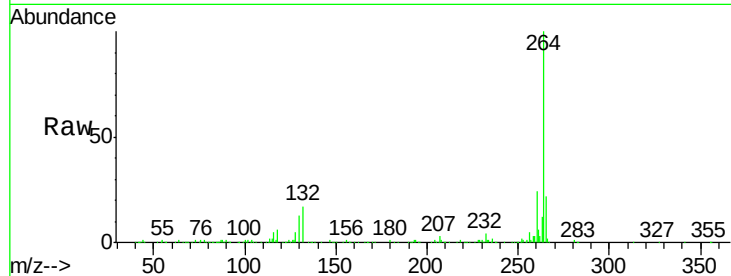
Tot Ion:264 Resp: 394536

Ion Ratio Lower Upper

264 100

260 24.3 17.9 26.9

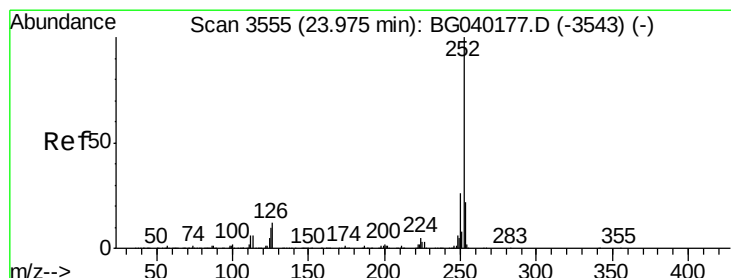
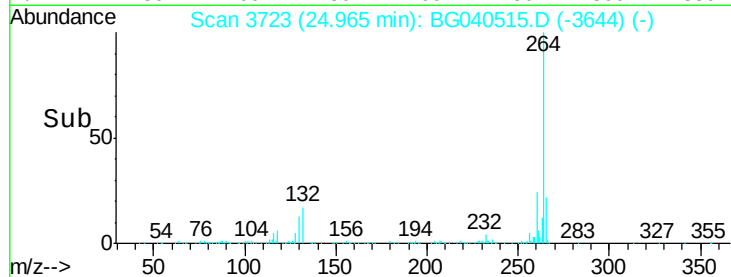
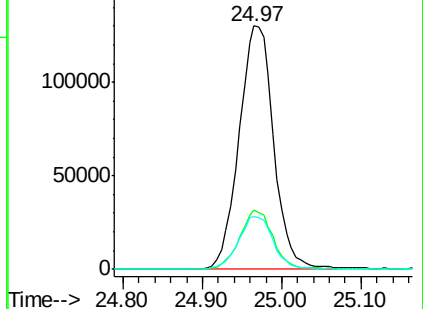
265 21.6 16.8 25.2



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: 43.498 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.06 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

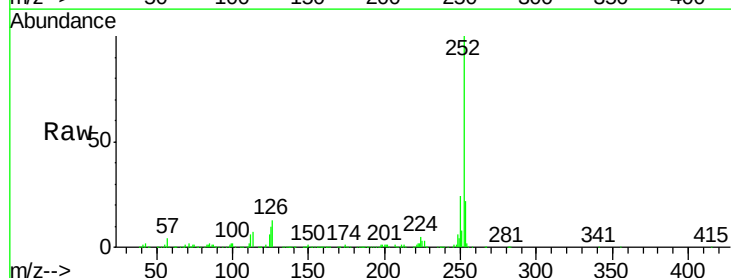
Tgt Ion:252 Resp: 1050685

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

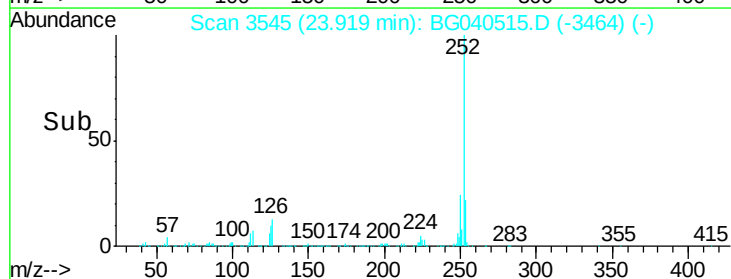
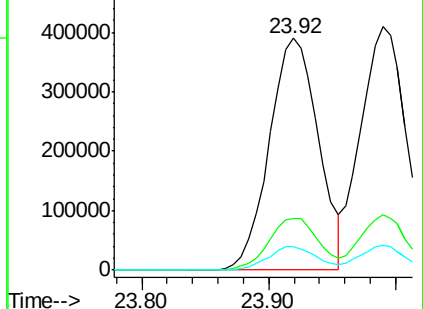
125 9.9 8.2 12.4

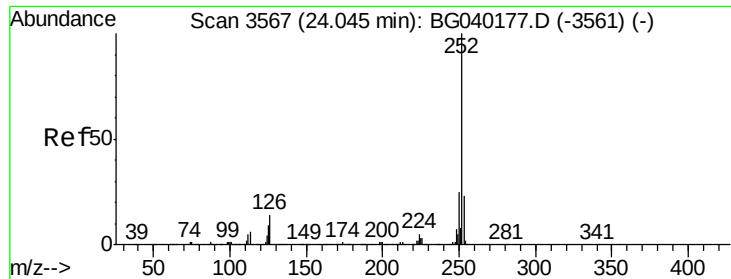


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.024 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.06 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

Instrument :

BNA_G

ClientSampleId :

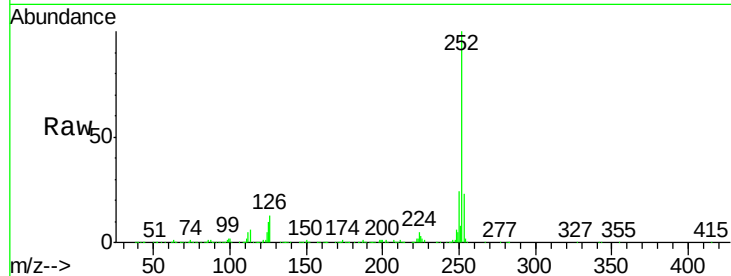
Tot Ion:252 Resp: 1022351

Ion Ratio Lower Upper

252 100

253 22.7 18.6 28.0

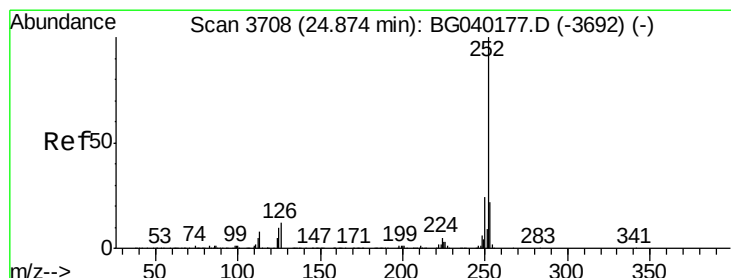
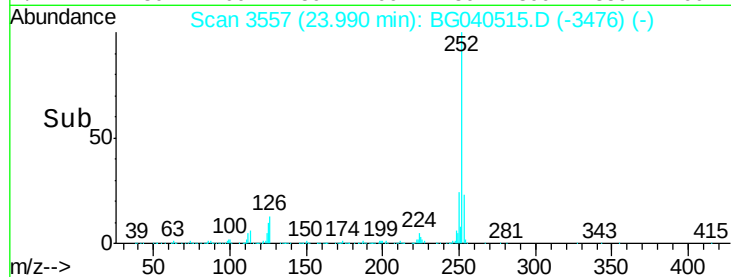
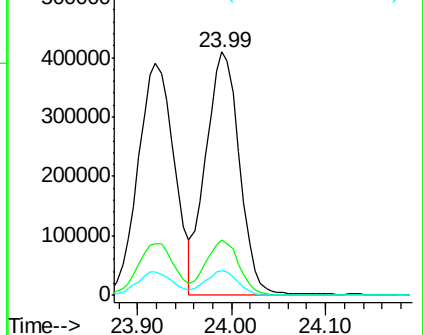
125 10.1 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.556 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.06 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

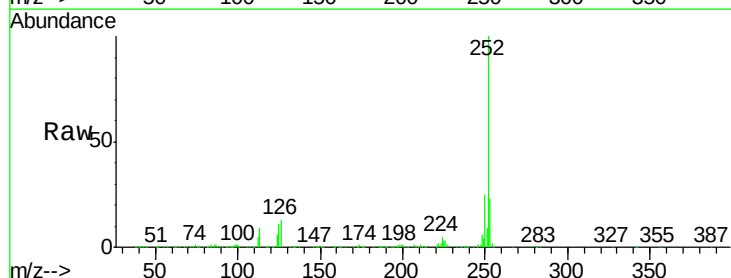
Tgt Ion:252 Resp: 1032478

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

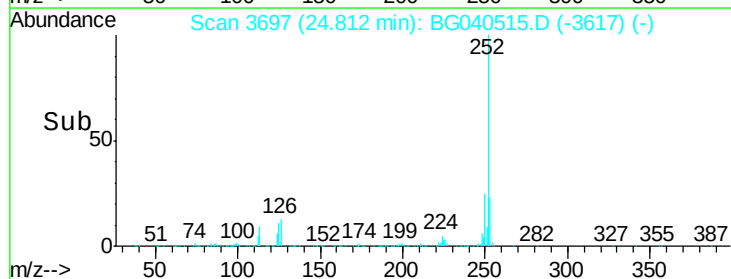
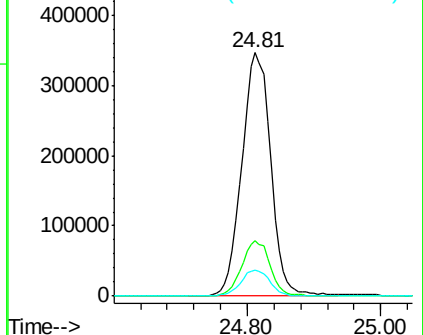
125 10.9 8.3 12.5

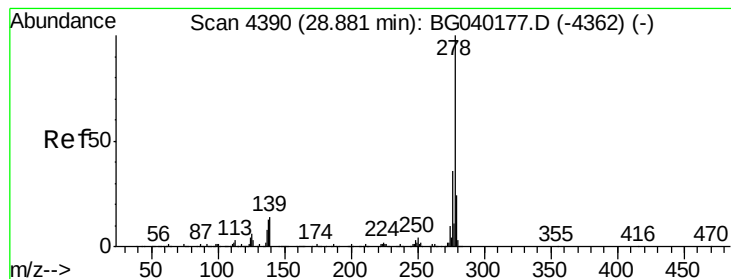


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 44.511 ng

RT: 28.79 min Scan# 4374

Delta R.T. -0.09 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

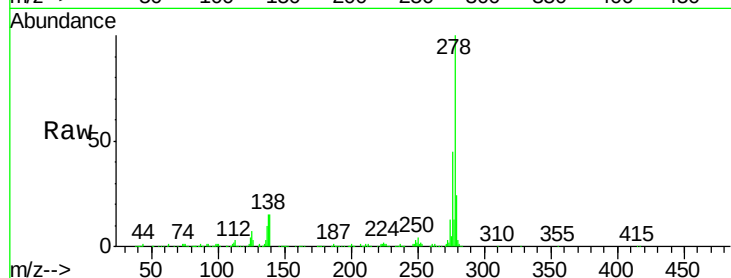
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 936907

Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.2	16.8
279	23.5	18.9	28.3

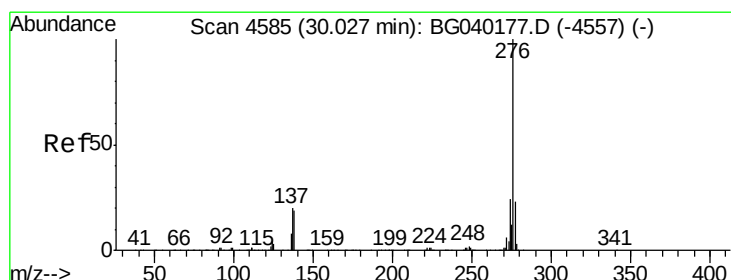
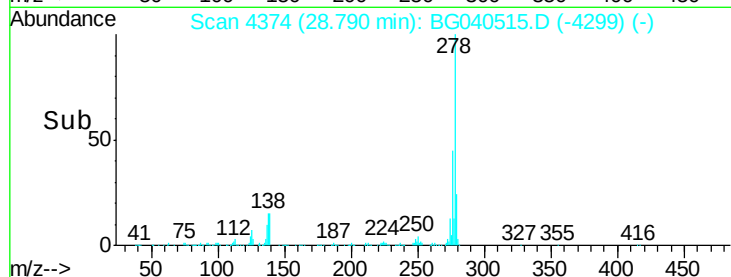
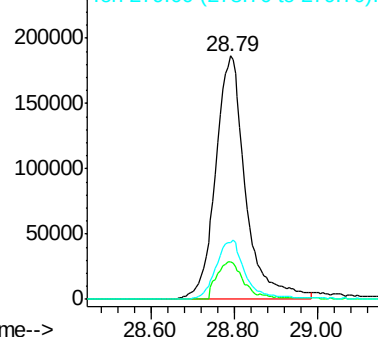


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.247 ng

RT: 29.92 min Scan# 4567

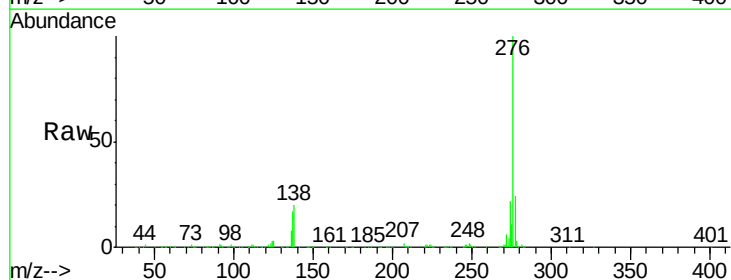
Delta R.T. -0.10 min

Lab File: BG040515.D

Acq: 16 Apr 2019 22:52

Tgt Ion:276 Resp: 957162

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	19.7	15.2	22.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

