

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041619\
 Data File : BG040519.D
 Acq On : 17 Apr 2019 2:14
 Operator : JU/SJ
 Sample : PB118938BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 17 04:58:19 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	62004	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	260971	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	165728	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	418001	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	405103	20.00	ng	-0.03
87) Perylene-d12	24.97	264	384807	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	510265	136.81	ng	-0.02
7) Phenol-d6	7.20	99	689519	133.77	ng	-0.02
23) Nitrobenzene-d5	9.22	82	431945	87.98	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	256073	142.97	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	947622	84.73	ng	-0.03
79) Terphenyl-d14	20.02	244	1511271	83.93	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	61451	35.039	ng	97
3) Pyridine	3.89	79	151934	32.176	ng	99
4) n-Nitrosodimethylamine	3.82	42	81814	37.456	ng	# 87
6) Aniline	7.37	93	203816	30.434	ng	96
8) 2-Chlorophenol	7.61	128	177327	40.615	ng	93
9) Benzaldehyde	7.18	77	78935	22.325	ng	98
10) Phenol	7.23	94	233797	41.787	ng	96
11) bis(2-Chloroethyl)ether	7.47	93	174295	38.895	ng	98
12) 1,3-Dichlorobenzene	7.93	146	182979	38.553	ng	97
13) 1,4-Dichlorobenzene	8.08	146	184475	39.025	ng	99
14) 1,2-Dichlorobenzene	8.39	146	176113	38.959	ng	99
15) Benzyl Alcohol	8.28	79	160043	38.553	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	337743	39.271	ng	99
17) 2-Methylphenol	8.48	107	158275	40.882	ng	99
18) Hexachloroethane	9.12	117	67144	37.342	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	135523	36.670	ng	99
20) 3+4-Methylphenols	8.81	107	220081	41.962	ng	96
22) Acetophenone	8.87	105	268819	41.294	ng	# 98
24) Nitrobenzene	9.26	77	206138	40.545	ng	97
25) Isophorone	9.78	82	393522	38.954	ng	99
26) 2-Nitrophenol	9.97	139	99607	41.346	ng	98
27) 2,4-Dimethylphenol	10.02	122	174728	45.660	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	235388	39.384	ng	100
29) 2,4-Dichlorophenol	10.50	162	181894	43.792	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	185805	40.739	ng	98
31) Naphthalene	10.91	128	549648	41.090	ng	99
32) Benzoic acid	10.19	122	46128	19.951	ng	96
33) 4-Chloroaniline	11.03	127	156615	27.448	ng	95
34) Hexachlorobutadiene	11.17	225	112519	38.575	ng	96
35) Caprolactam	11.81	113	67238	40.792	ng	88
36) 4-Chloro-3-methylphenol	12.14	107	207686	43.494	ng	98
37) 2-Methylnaphthalene	12.51	142	413641	41.811	ng	98
38) 1-Methylnaphthalene	12.73	142	392503	40.914	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	211388	40.131	ng	98

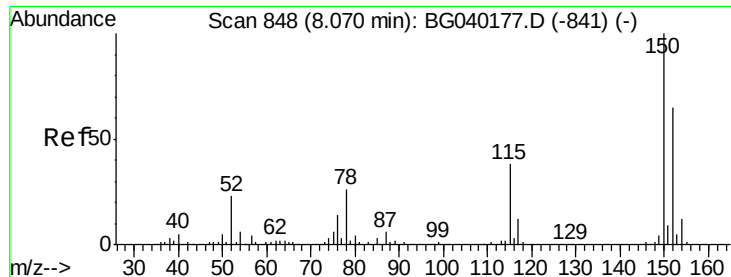
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041619\
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Quant Time: Apr 17 04:58:19 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	218430	75.524	ng	96
43) 2,4,6-Trichlorophenol	13.11	196	146822	43.233	ng	93
44) 2,4,5-Trichlorophenol	13.19	196	159136	42.991	ng	95
46) 1,1'-Biphenyl	13.51	154	529300	40.421	ng	100
47) 2-Chloronaphthalene	13.56	162	408526	40.672	ng	99
48) 2-Nitroaniline	13.77	65	148698	43.889	ng	96
49) Acenaphthylene	14.40	152	687743	40.384	ng	99
50) Dimethylphthalate	14.13	163	542048	41.791	ng	99
51) 2,6-Dinitrotoluene	14.26	165	123072	42.259	ng	98
52) Acenaphthene	14.74	154	400511	41.042	ng	99
53) 3-Nitroaniline	14.59	138	99367	32.233	ng	92
54) 2,4-Dinitrophenol	14.80	184	105557	68.152	ng	95
55) Dibenzofuran	15.07	168	661954	42.215	ng	96
56) 4-Nitrophenol	14.90	139	182174	73.218	ng	100
57) 2,4-Dinitrotoluene	15.05	165	178102	44.011	ng	98
58) Fluorene	15.72	166	526908	42.740	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	154399	45.965	ng	98
60) Diethylphthalate	15.48	149	576902	43.465	ng	100
61) 4-Chlorophenyl-phenylether	15.70	204	279366	42.393	ng	95
62) 4-Nitroaniline	15.76	138	137068	41.431	ng	96
63) Azobenzene	16.00	77	539394	43.084	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	88771	37.801	ng	96
66) n-Nitrosodiphenylamine	15.93	169	500988	40.958	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	186965	39.746	ng	99
68) Hexachlorobenzene	16.71	284	190420	40.261	ng	97
69) Atrazine	16.87	200	182845	40.184	ng	99
70) Pentachlorophenol	17.07	266	171207	62.613	ng	96
71) Phenanthrene	17.46	178	886605	40.354	ng	99
72) Anthracene	17.55	178	912923	41.513	ng	99
73) Carbazole	17.83	167	860348	41.339	ng	99
74) Di-n-butylphthalate	18.36	149	1032049	41.835	ng	99
75) Fluoranthene	19.47	202	1088240	41.829	ng	100
77) Benzidine	19.65	184	357359	24.429	ng	98
78) Pyrene	19.83	202	1056648	39.664	ng	99
80) Butylbenzylphthalate	20.70	149	475434	41.706	ng	98
81) Benzo(a)anthracene	21.67	228	965693	38.702	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	284408	29.963	ng	97
83) Chrysene	21.74	228	942893	39.319	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	683640	41.953	ng	99
85) Di-n-octyl phthalate	22.75	149	1163216	41.897	ng	100
86) Indeno(1,2,3-cd)pyrene	28.74	276	1118731	38.143	ng	97
88) Benzo(b)fluoranthene	23.92	252	1014190	43.048	ng	98
89) Benzo(k)fluoranthene	23.99	252	993897	45.875	ng	99
90) Benzo(a)pyrene	24.82	252	989545	44.766	ng	99
91) Dibenzo(a,h)anthracene	28.79	278	908685	44.261	ng	99
92) Benzo(g,h,i)perylene	29.91	276	903788	42.836	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

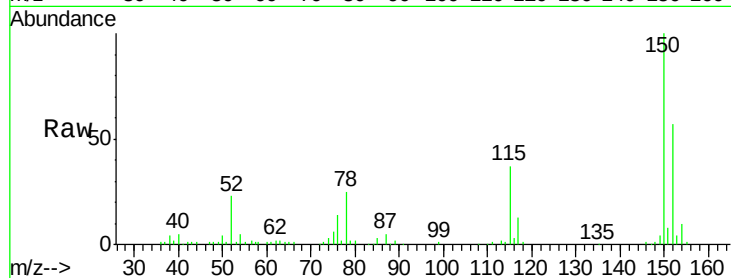
Tot Ion:152 Resp: 62004

Ion Ratio Lower Upper

152 100

150 174.0 123.7 185.5

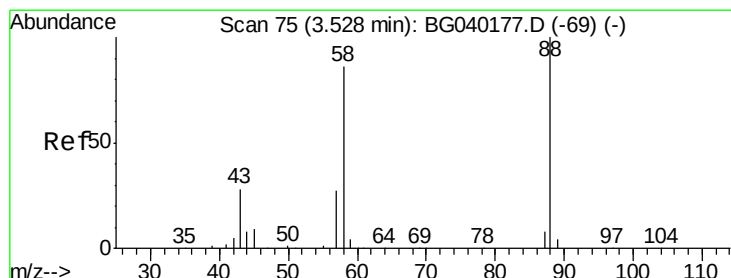
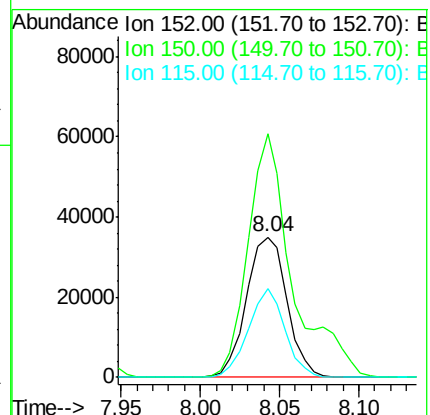
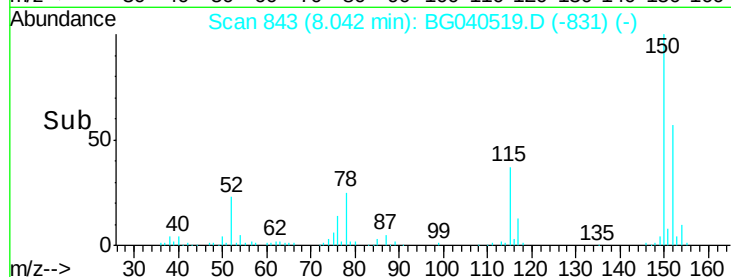
115 63.7 46.9 70.3



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: 35.039 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.04 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

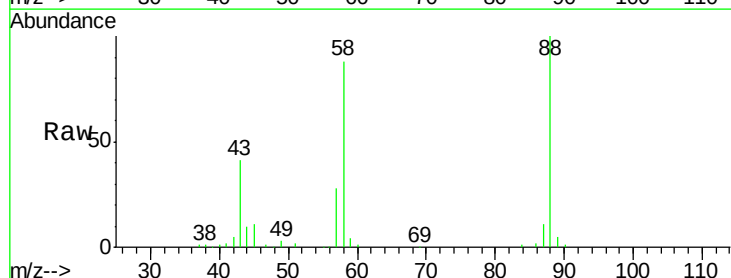
Tgt Ion: 88 Resp: 61451

Ion Ratio Lower Upper

88 100

58 89.7 70.6 106.0

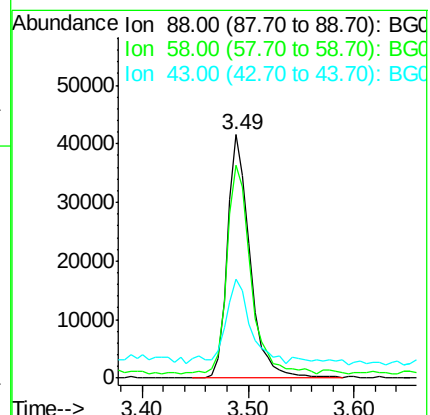
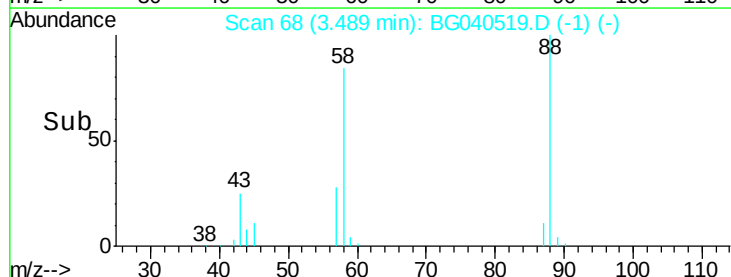
43 35.8 24.8 37.2

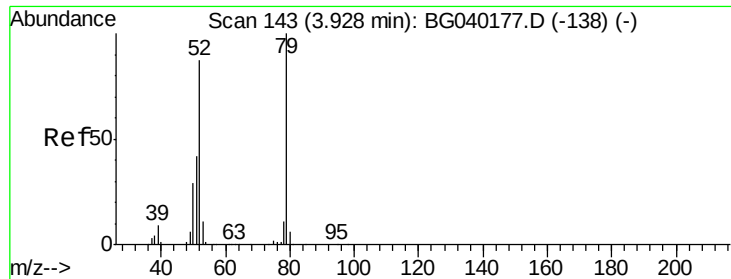


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.176 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.04 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

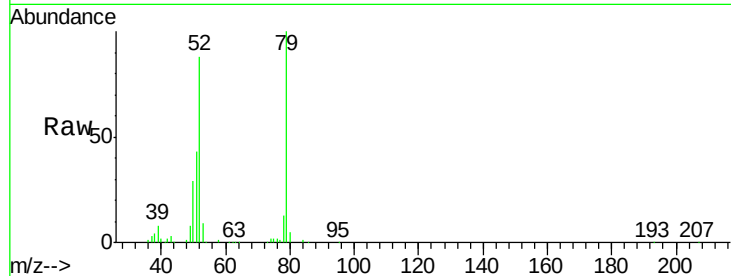
Tot Ion: 79 Resp: 151934

Ion Ratio Lower Upper

79 100

52 87.9 69.8 104.8

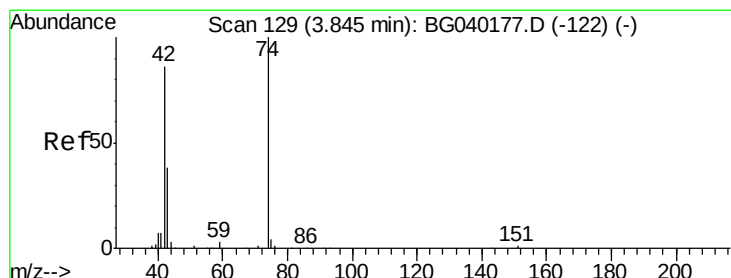
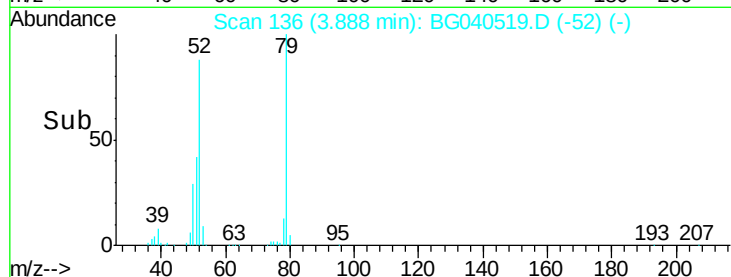
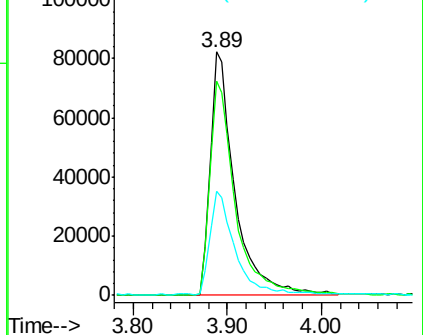
51 42.8 33.9 50.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 37.456 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

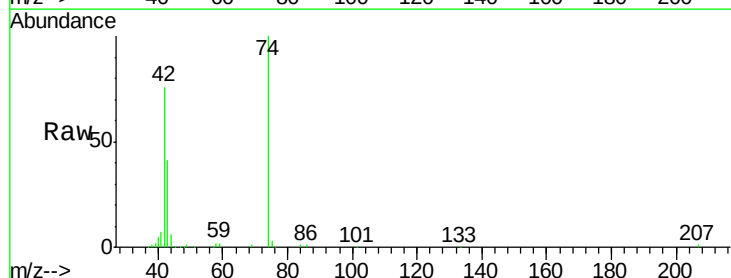
Tgt Ion: 42 Resp: 81814

Ion Ratio Lower Upper

42 100

74 130.9 92.9 139.3

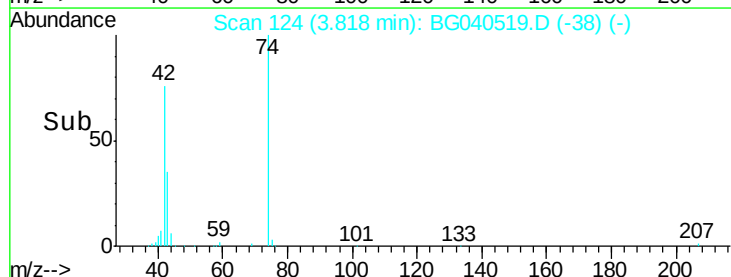
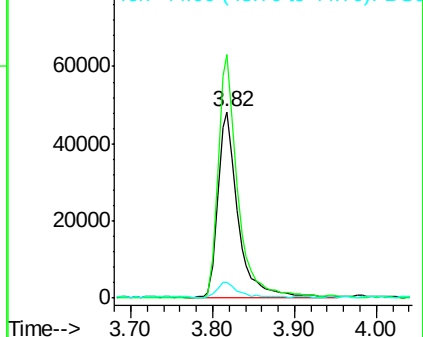
44 8.4 9.7 14.5#

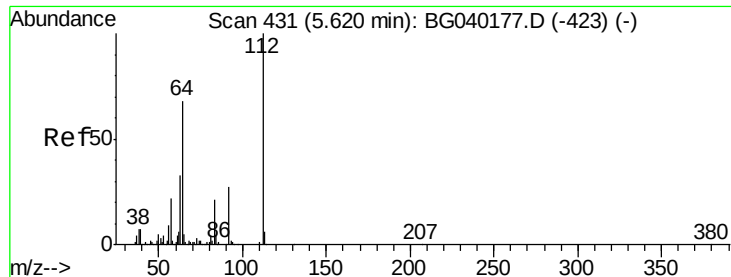


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 136.809 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

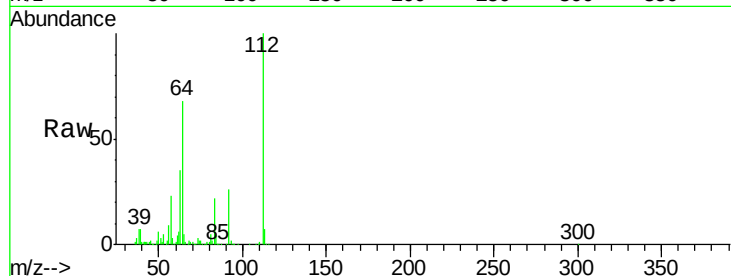
Tot Ion: 112 Resp: 510265

Ion Ratio Lower Upper

112 100

64 67.7 54.2 81.2

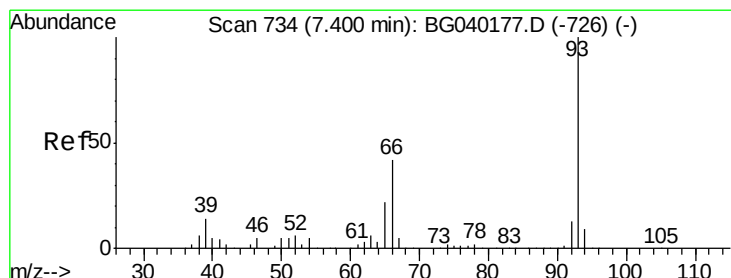
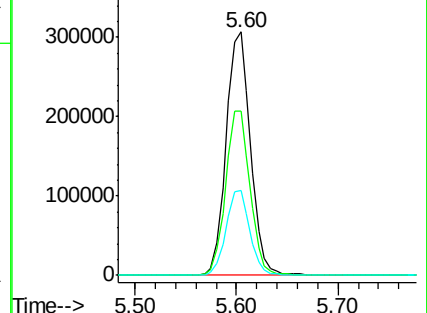
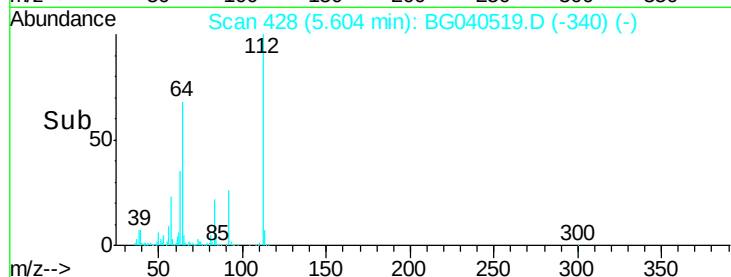
63 34.8 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.434 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

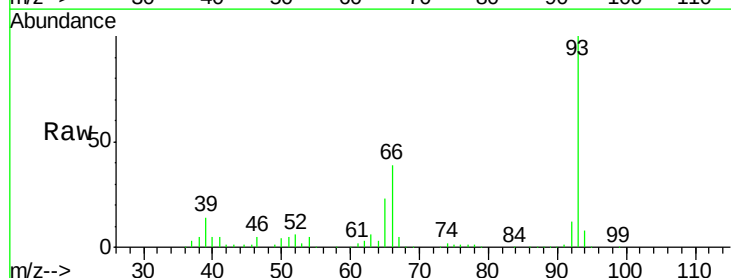
Tgt Ion: 93 Resp: 203816

Ion Ratio Lower Upper

93 100

66 39.2 33.6 50.4

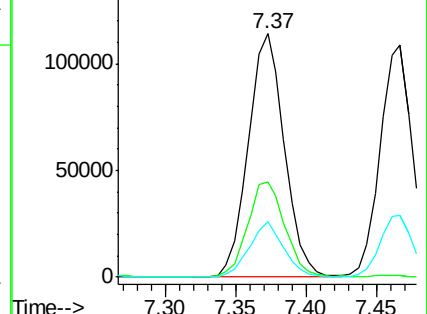
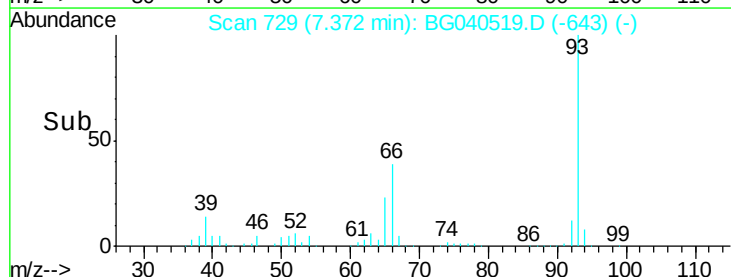
65 22.8 17.4 26.2

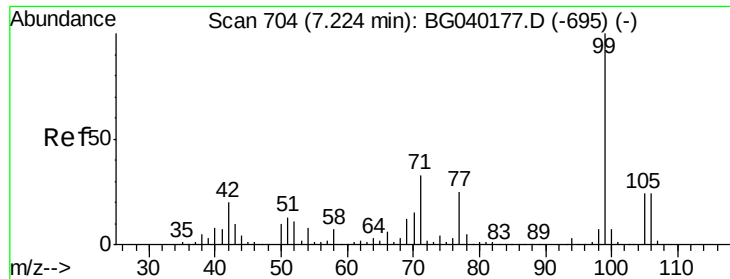


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.768 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampled :

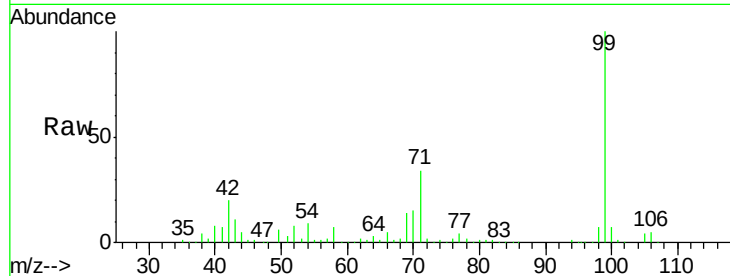
Tot Ion: 99 Resp: 689519

Ion Ratio Lower Upper

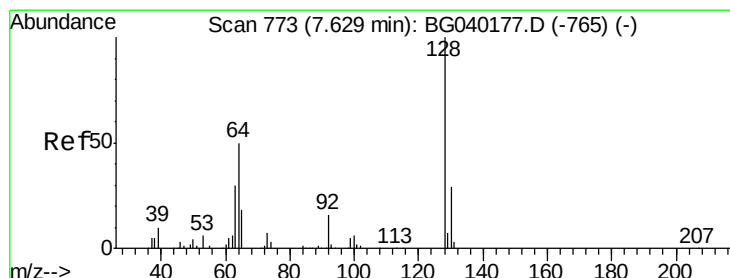
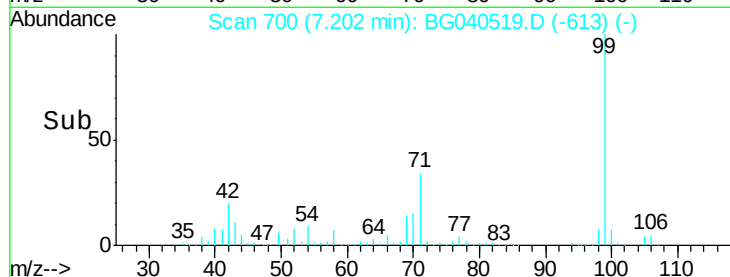
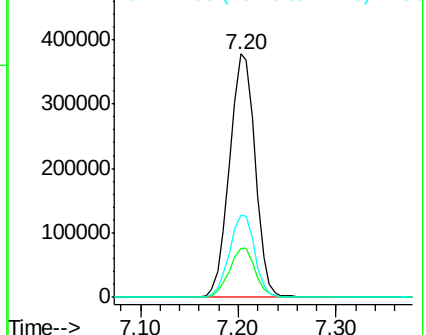
99 100

42 20.2 16.2 24.2

71 33.7 26.8 40.2



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



#8

2-Chlorophenol

Concen: 40.615 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

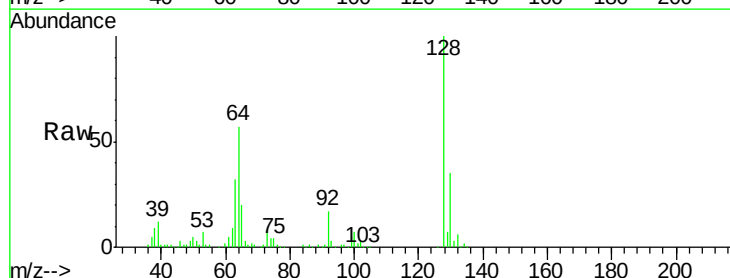
Tgt Ion: 128 Resp: 177327

Ion Ratio Lower Upper

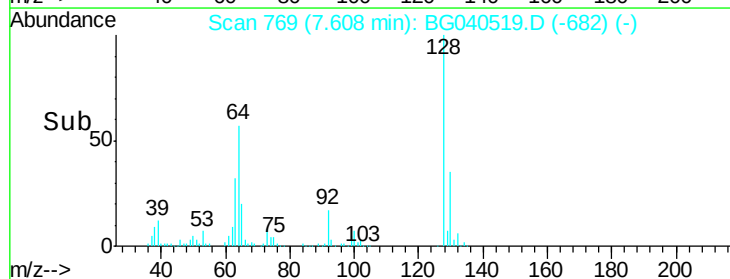
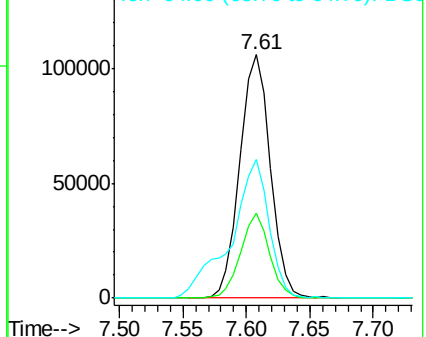
128 100

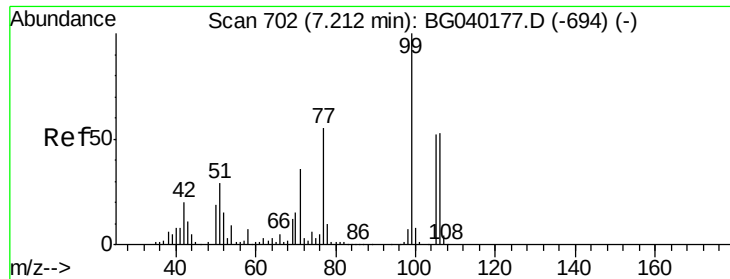
130 34.7 9.1 49.1

64 57.1 33.1 73.1



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





#9

Benzaldehyde

Concen: 22.325 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

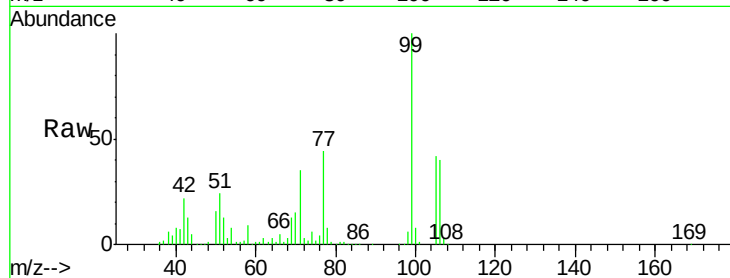
Tot Ion: 77 Resp: 78935

Ion Ratio Lower Upper

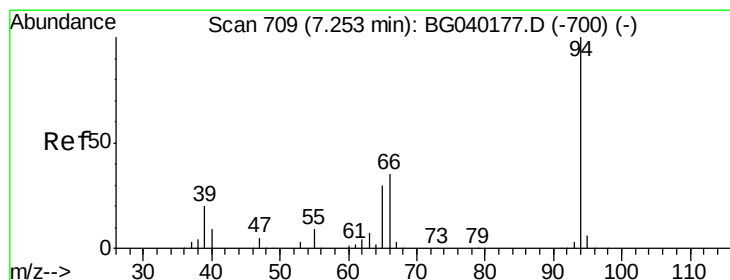
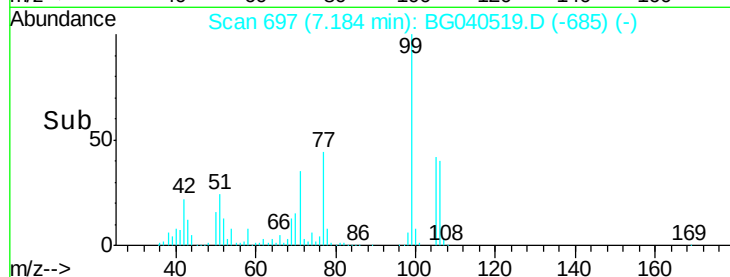
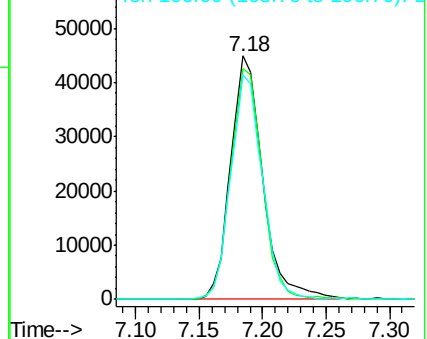
77 100

105 94.9 75.0 115.0

106 92.1 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: 41.787 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

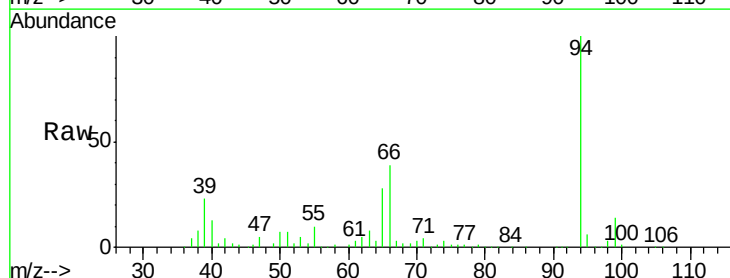
Tgt Ion: 94 Resp: 233797

Ion Ratio Lower Upper

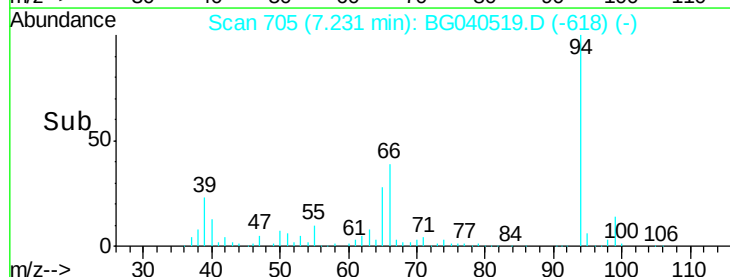
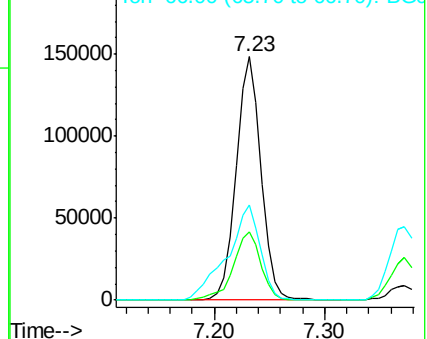
94 100

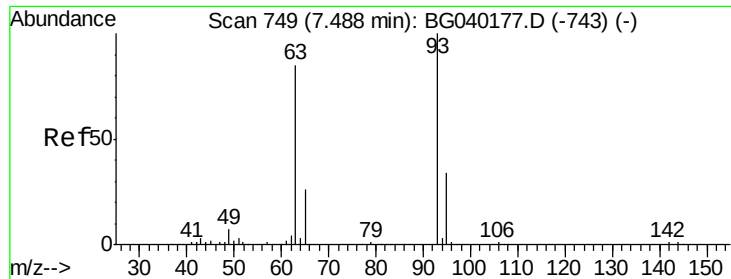
65 28.2 10.5 50.5

66 39.3 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

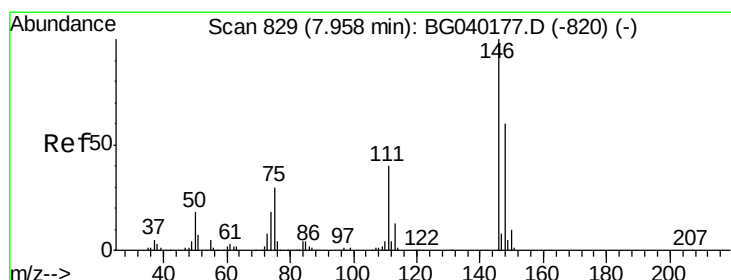
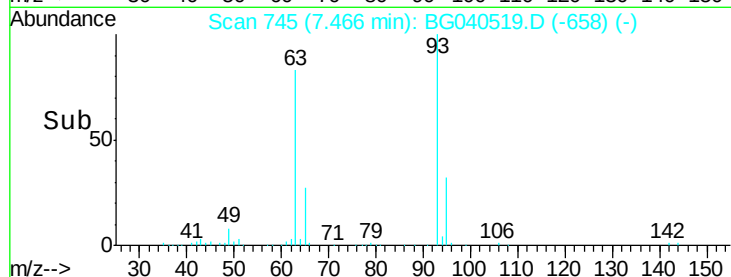
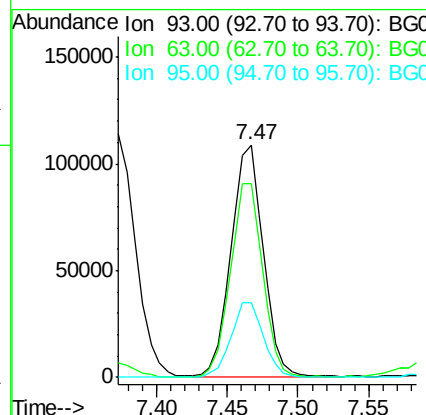
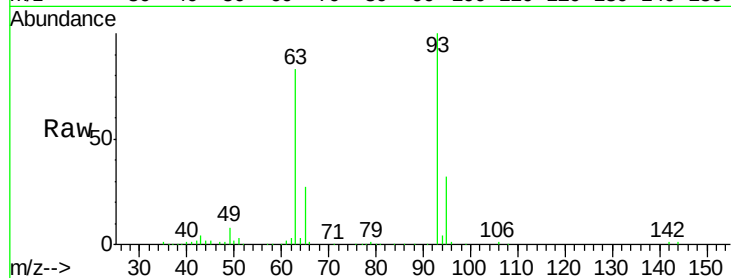




#11
 bis(2-Chloroethyl)ether
 Concen: 38.895 ng
 RT: 7.47 min Scan# 745
 Delta R.T. -0.02 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

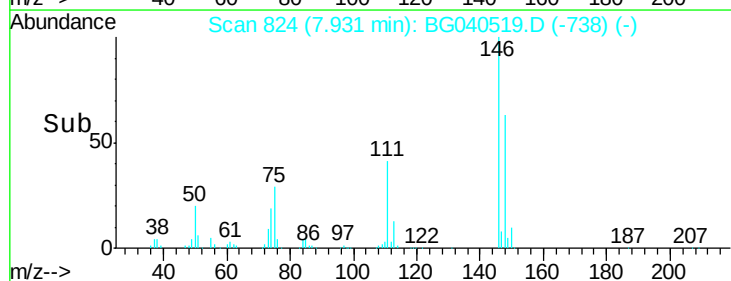
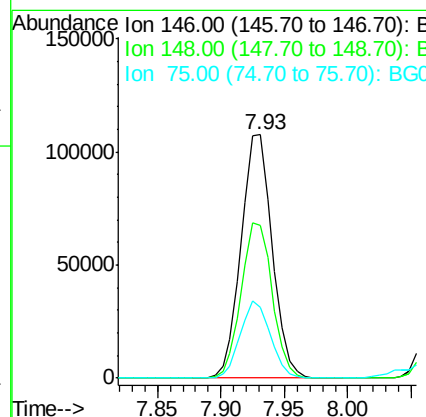
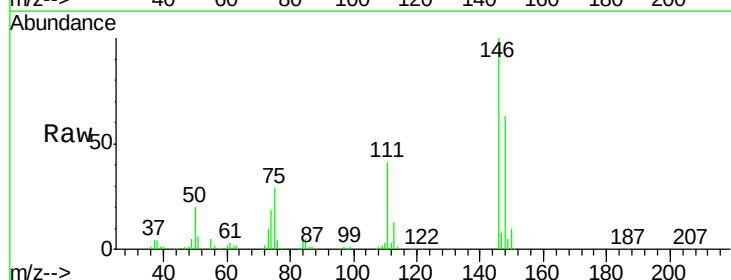
Instrument :
 BNA_G
 ClientSampleId :

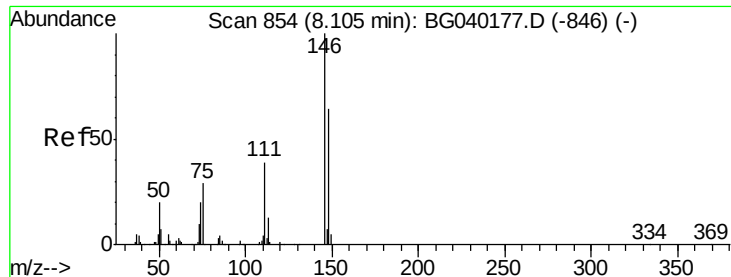
Tot Ion: 93 Resp: 174295
 Ion Ratio Lower Upper
 93 100
 63 83.2 64.2 104.2
 95 32.0 14.0 54.0



#12
 1,3-Dichlorobenzene
 Concen: 38.553 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Tgt Ion: 146 Resp: 182979
 Ion Ratio Lower Upper
 146 100
 148 62.7 48.2 72.2
 75 29.2 24.1 36.1

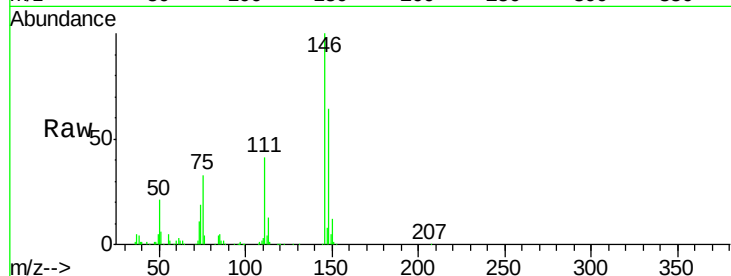




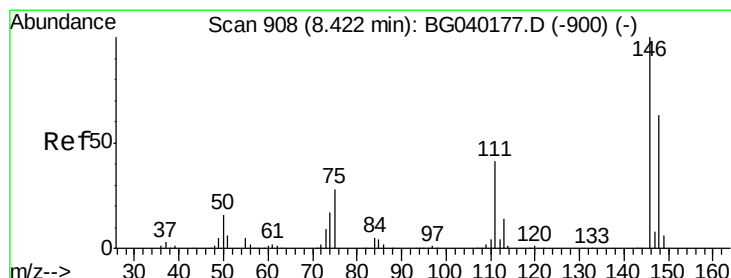
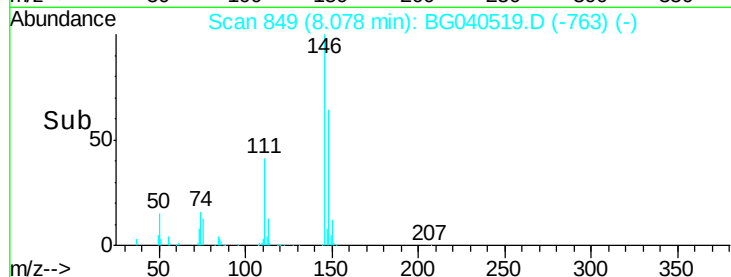
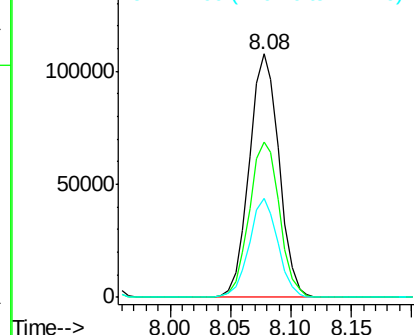
#13
 1,4-Dichlorobenzene
 Concen: 39.025 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 184475
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.0 76.4
 111 40.8 31.8 47.6

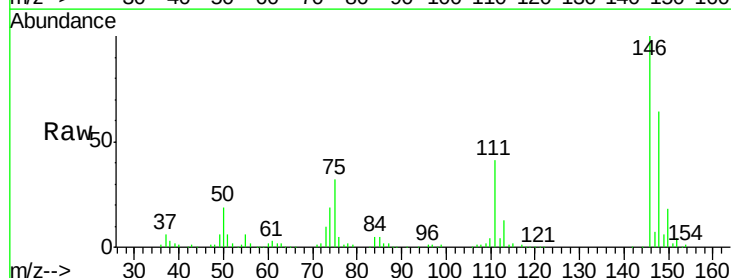


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

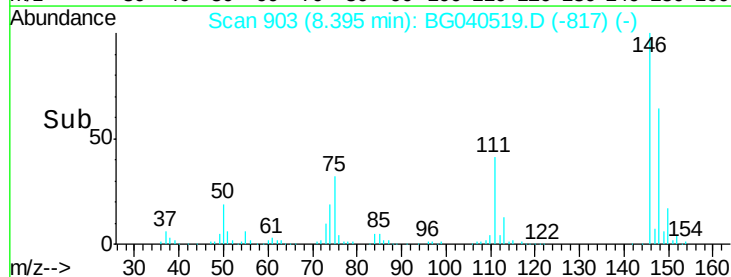
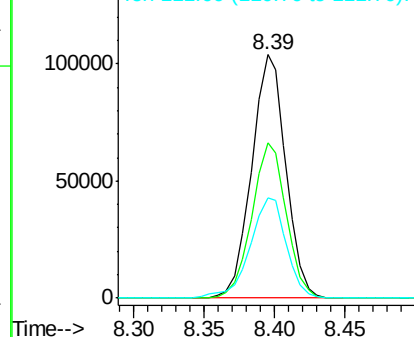


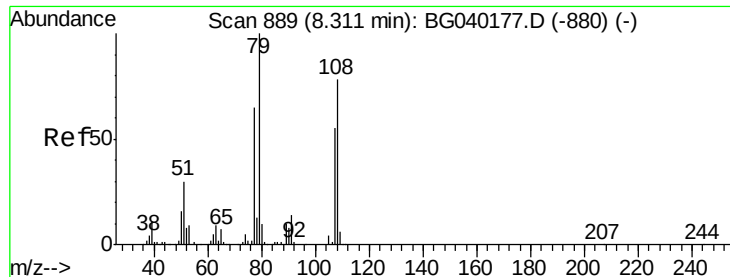
#14
 1,2-Dichlorobenzene
 Concen: 38.959 ng
 RT: 8.39 min Scan# 903
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Tgt Ion:146 Resp: 176113
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 41.0 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: 38.553 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

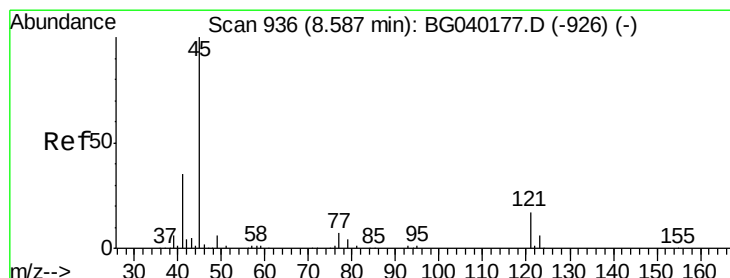
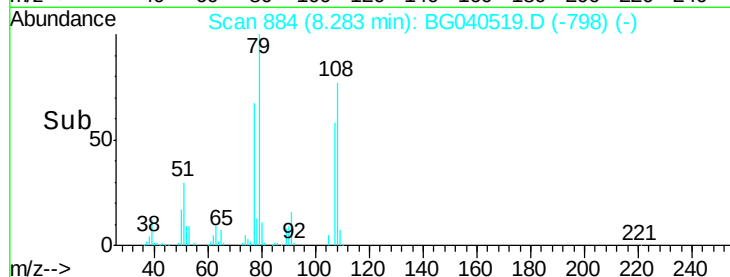
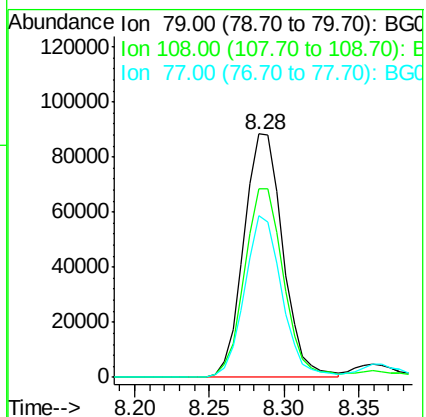
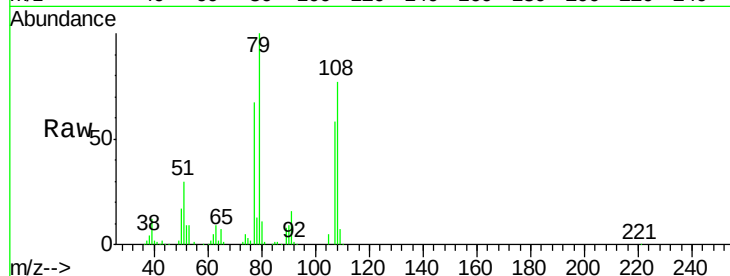
Tot Ion: 79 Resp: 160043

Ion Ratio Lower Upper

79 100

108 77.4 62.1 93.1

77 66.5 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.271 ng

RT: 8.57 min Scan# 932

Delta R.T. -0.02 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

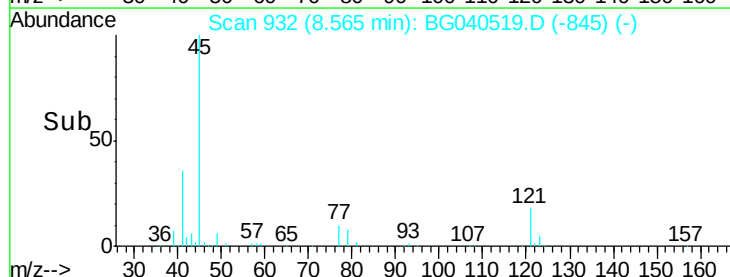
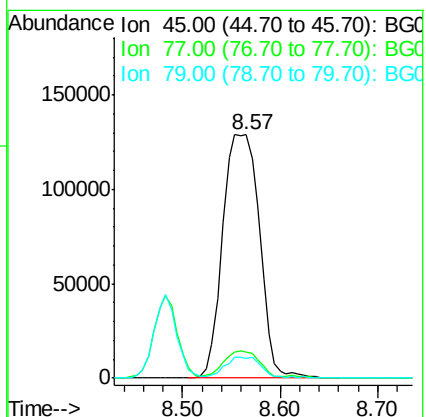
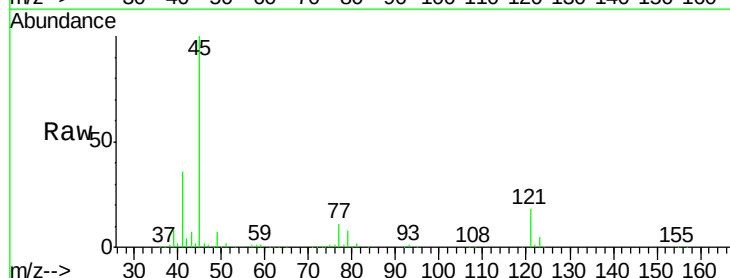
Tgt Ion: 45 Resp: 337743

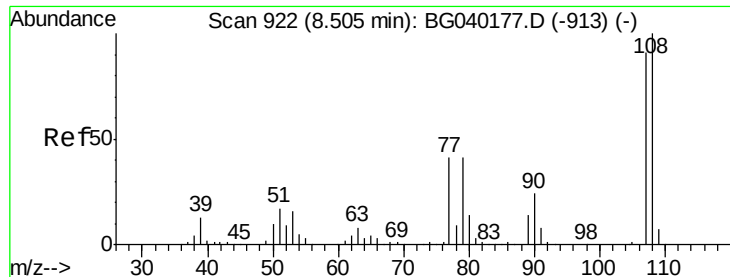
Ion Ratio Lower Upper

45 100

77 10.7 0.0 31.4

79 8.1 0.0 28.3





#17

2-Methylphenol

Concen: 40.882 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.02 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 158275

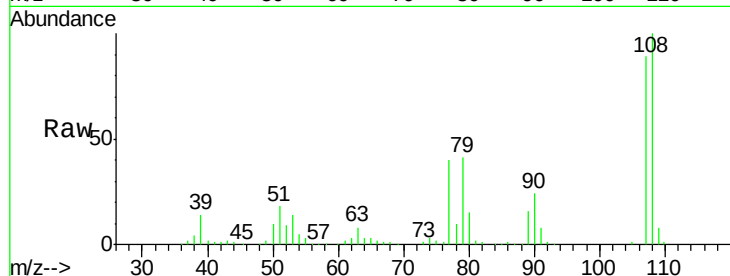
Ion Ratio Lower Upper

107 100

108 112.0 88.2 132.4

77 45.1 36.6 55.0

79 46.2 36.5 54.7

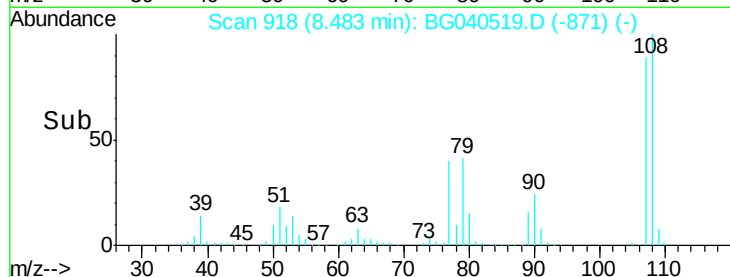


Abundance Ion 107.00 (106.70 to 107.70): E

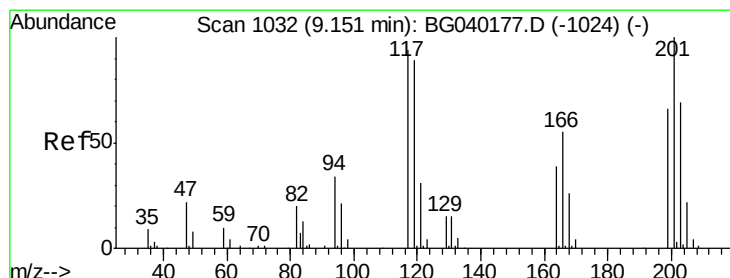
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 37.342 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

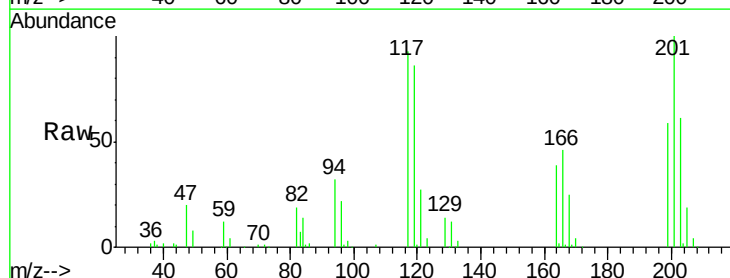
Tgt Ion:117 Resp: 67144

Ion Ratio Lower Upper

117 100

119 92.5 76.6 115.0

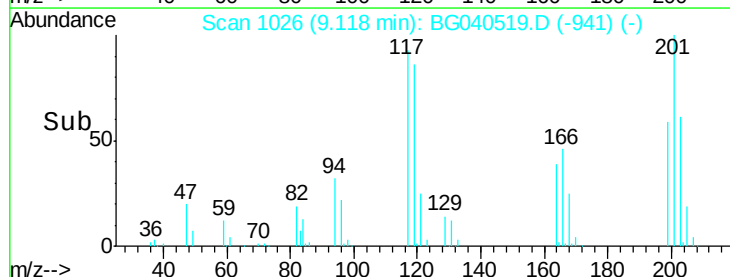
201 107.8 85.0 127.4



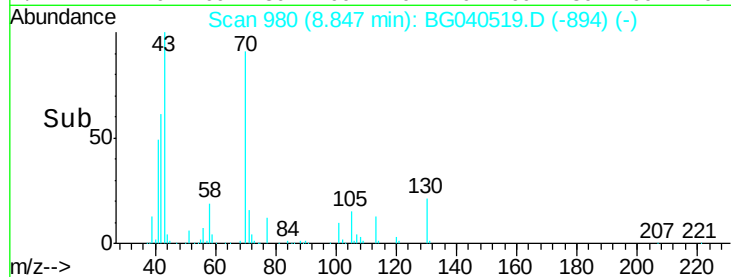
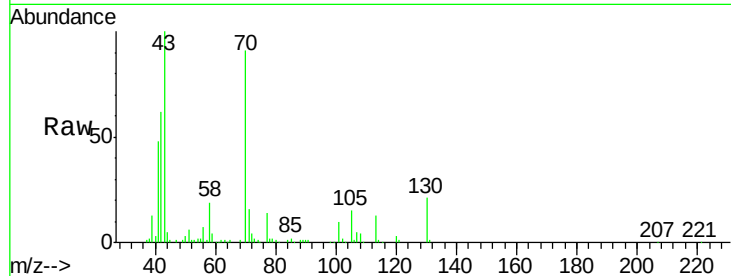
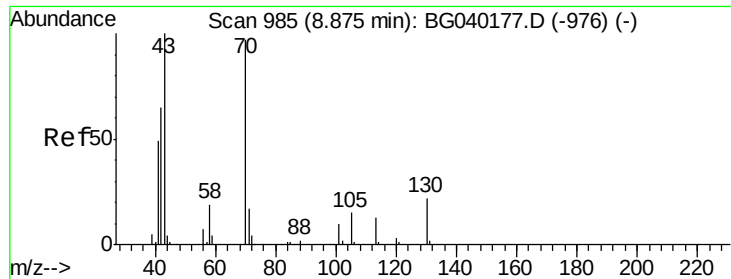
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



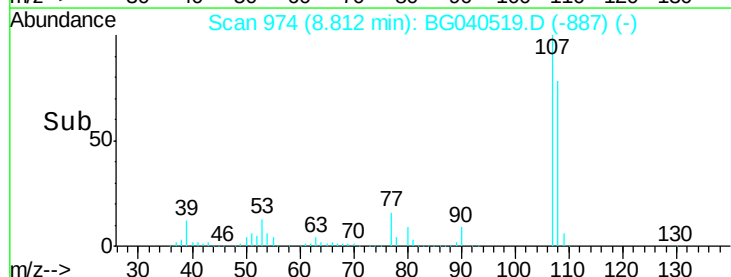
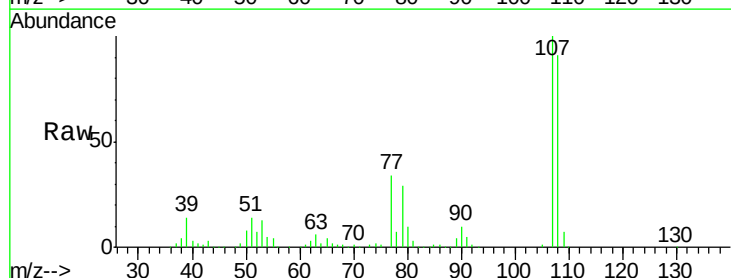
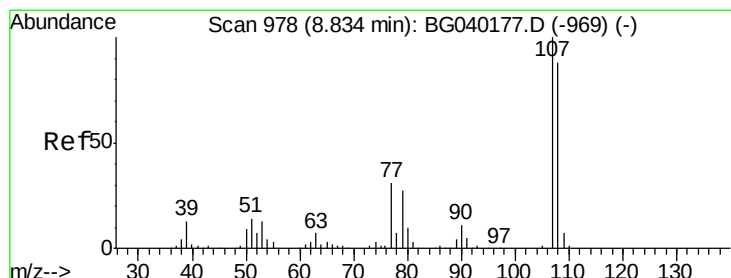
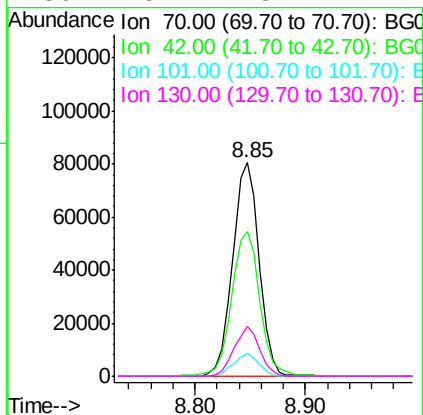
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 36.670 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

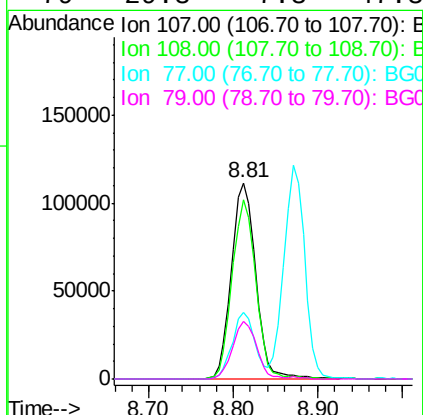
Instrument :
BNA_G
ClientSampleId :

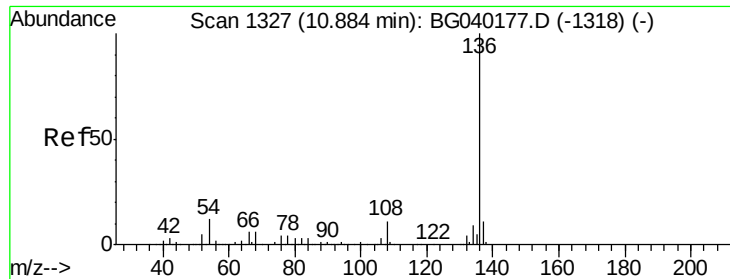
Tot Ion:	70	Resp:	135523
Ion	Ratio	Lower	Upper
70	100		
42	68.0	54.0	81.0
101	10.9	8.6	13.0
130	23.1	18.2	27.2



#20
3+4-Methylphenols
Concen: 41.962 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.02 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Tgt Ion:	107	Resp:	220081
Ion	Ratio	Lower	Upper
107	100		
108	91.4	68.3	108.3
77	33.7	11.3	51.3
79	29.3	7.3	47.3

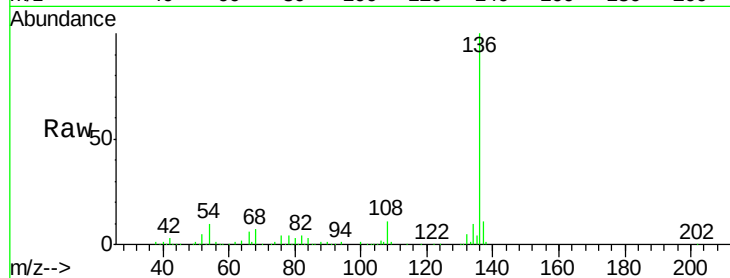




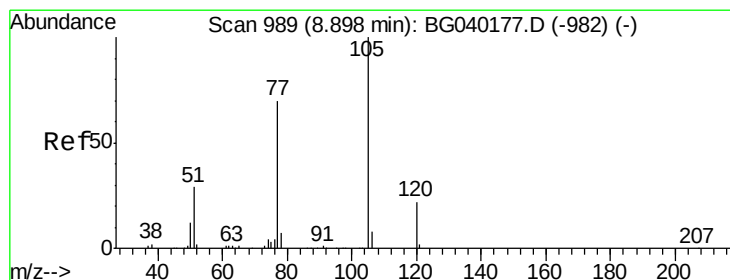
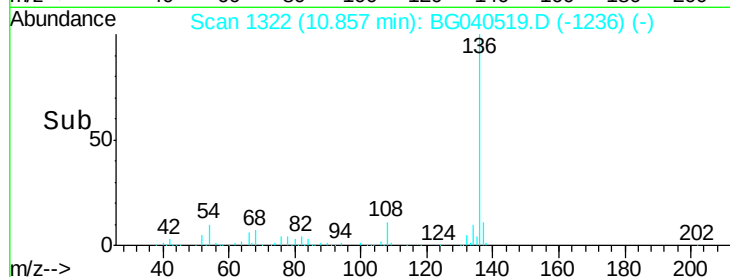
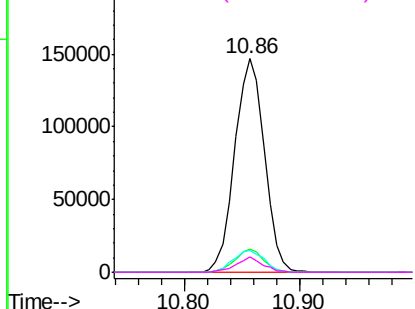
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	260971
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	10.1	9.6 14.4
68	7.3	5.1 7.7

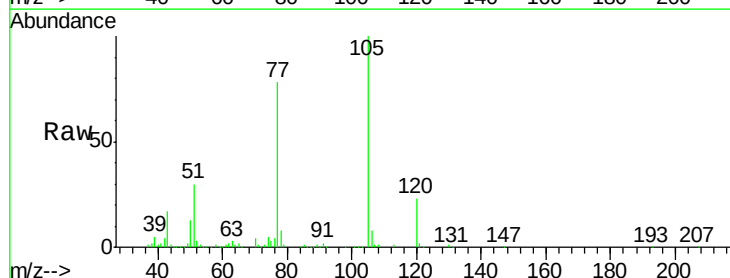


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

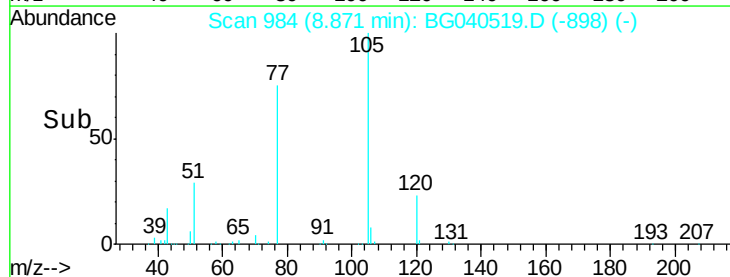
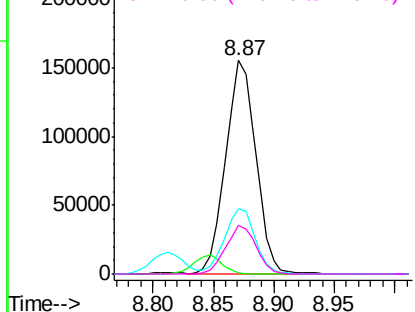


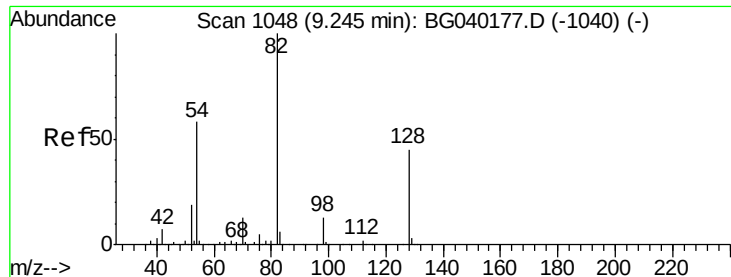
#22
Acetophenone
Concen: 41.294 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Tgt Ion:105	Resp:	268819
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.6 1.0#
51	30.4	25.1 37.7
120	22.7	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

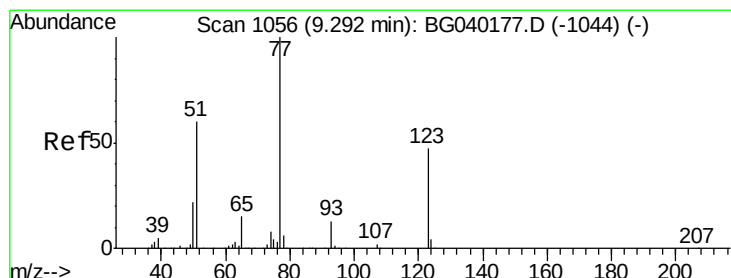
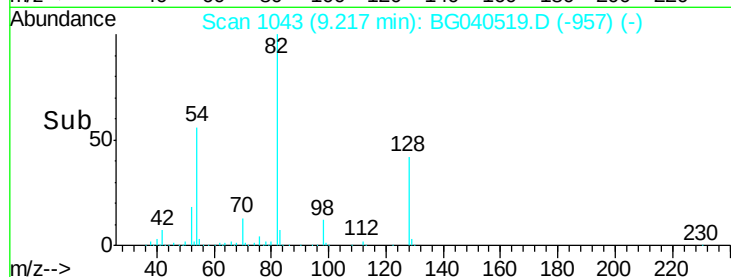
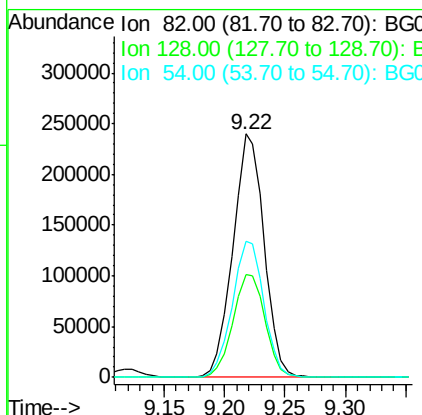
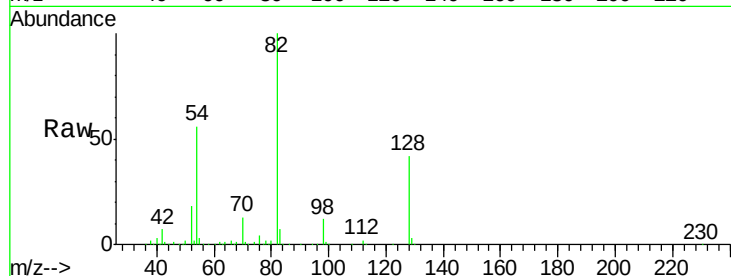




#23
 Nitrobenzene-d5
 Concen: 87.977 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

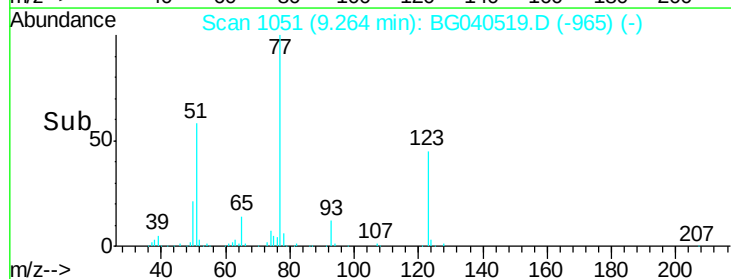
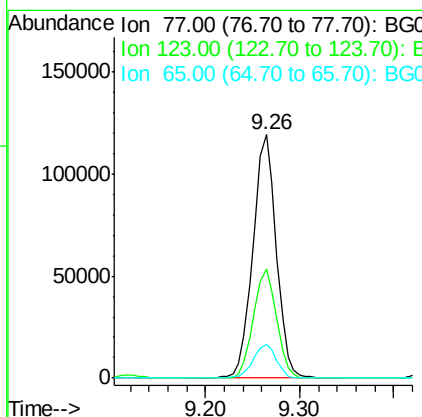
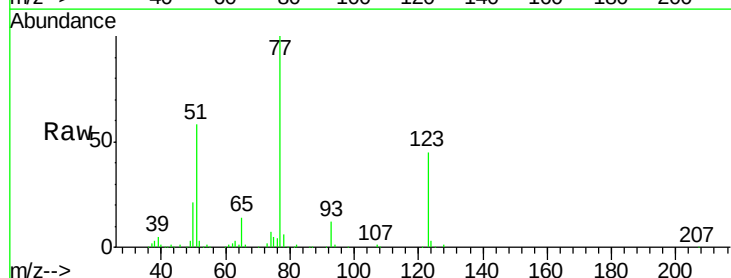
Instrument :
 BNA_G
 ClientSampleId :

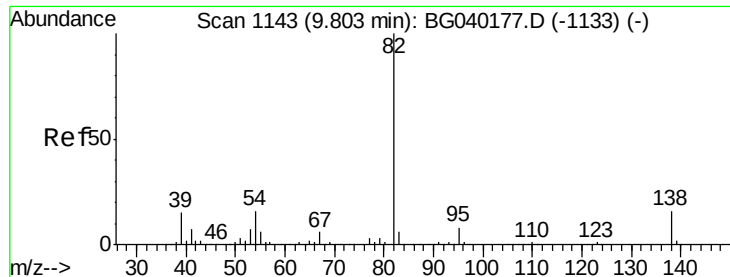
Tot Ion	82	Resp	431945
Ion Ratio	Lower	Upper	
82	100		
128	42.0	35.8	53.8
54	55.8	46.2	69.2



#24
 Nitrobenzene
 Concen: 40.545 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Tgt Ion	77	Resp	206138
Ion Ratio	Lower	Upper	
77	100		
123	45.0	37.8	56.6
65	13.6	12.0	18.0

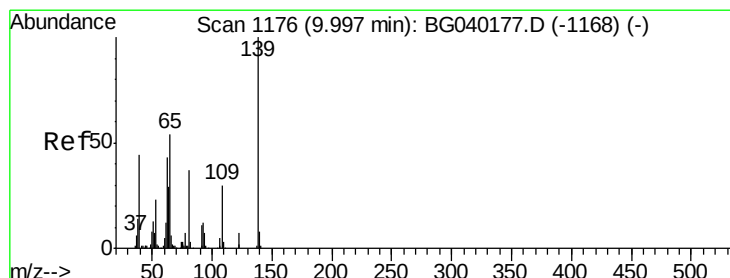
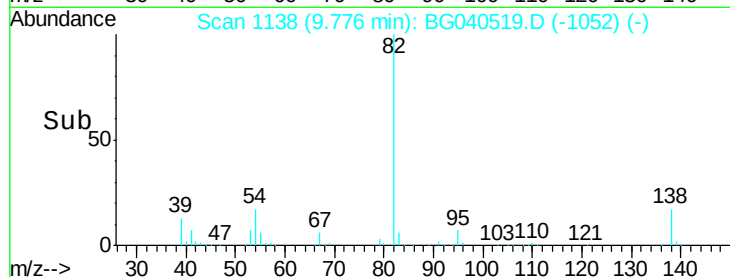
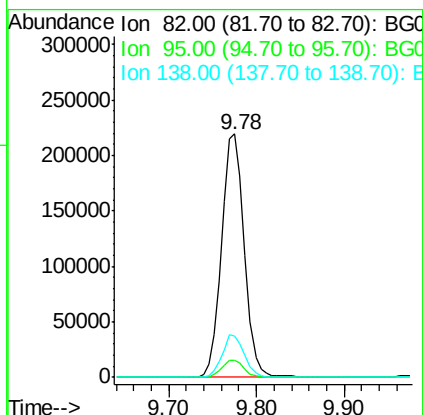
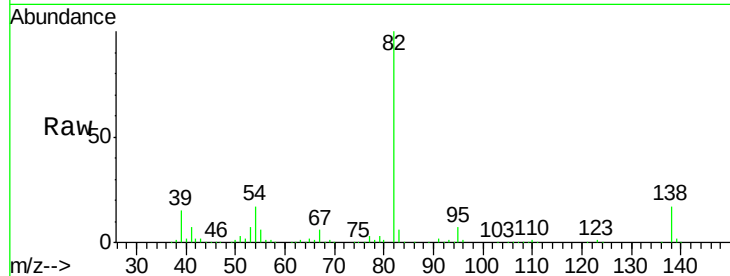




#25
Isophorone
Concen: 38.954 ng
RT: 9.78 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

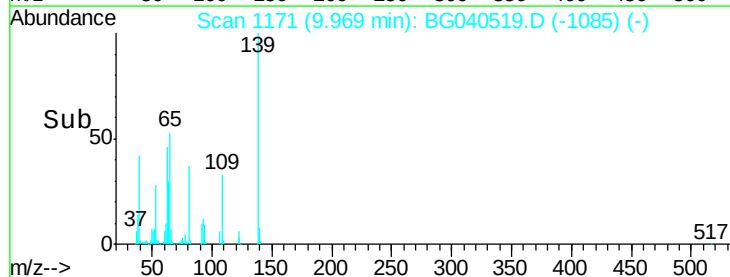
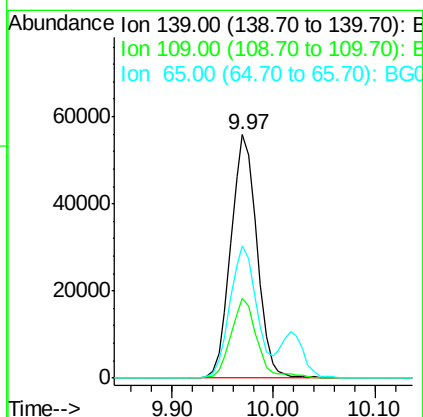
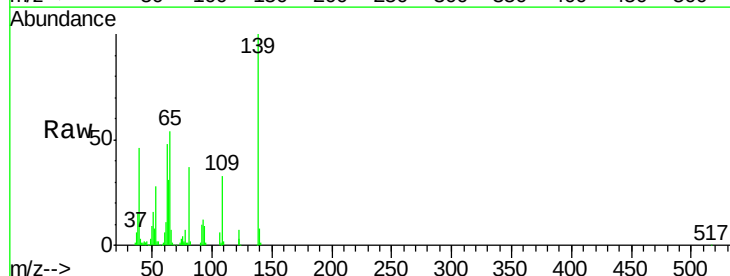
Instrument :
BNA_G
ClientSampleId :

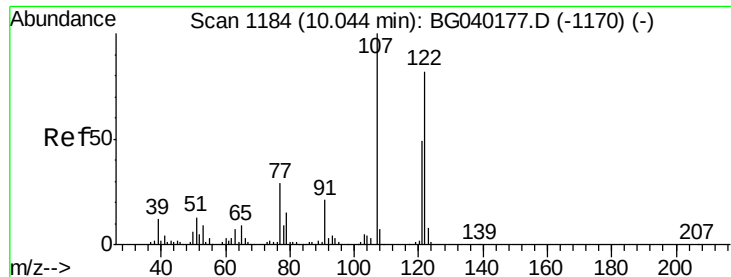
Tot Ion: 82 Resp: 393522
Ion Ratio Lower Upper
82 100
95 6.9 6.1 9.1
138 16.9 13.2 19.8



#26
2-Nitrophenol
Concen: 41.346 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Tgt Ion: 139 Resp: 99607
Ion Ratio Lower Upper
139 100
109 32.7 24.1 36.1
65 54.5 43.0 64.6

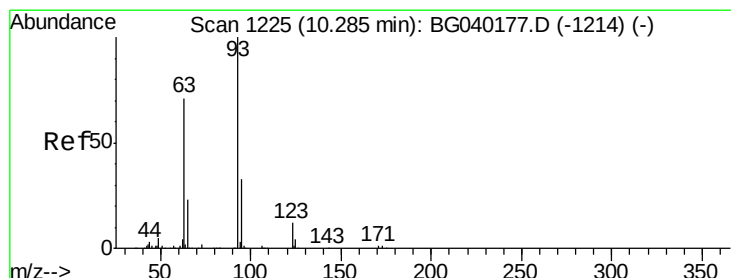
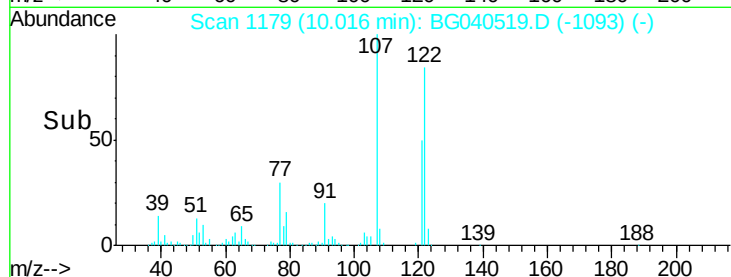
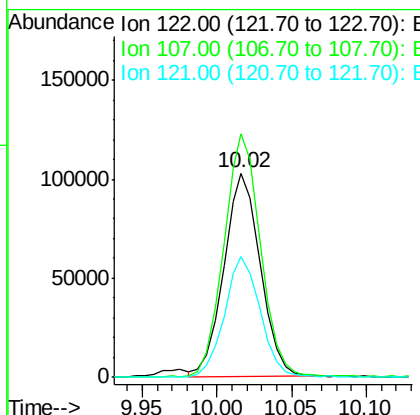
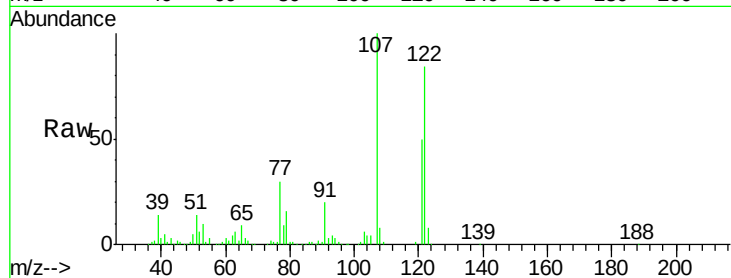




#27
 2,4-Dimethylphenol
 Concen: 45.660 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

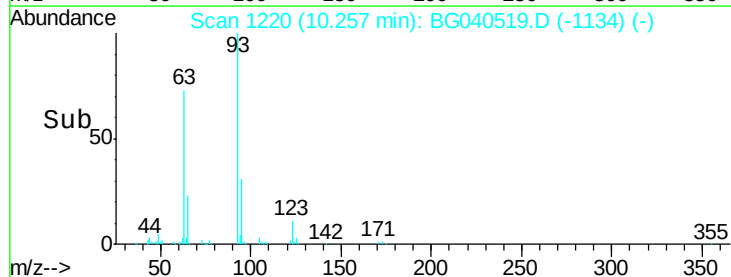
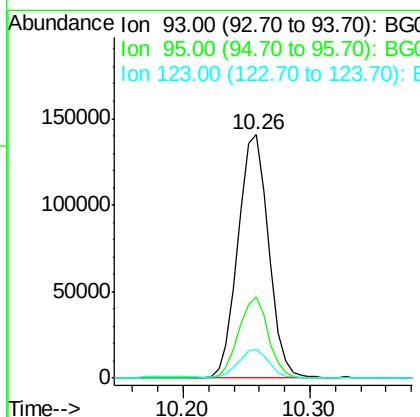
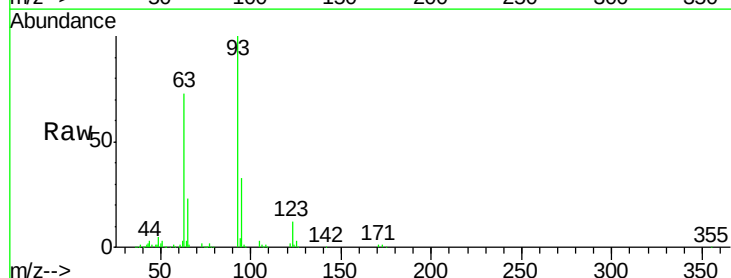
Instrument :
 BNA_G
 ClientSampleId :

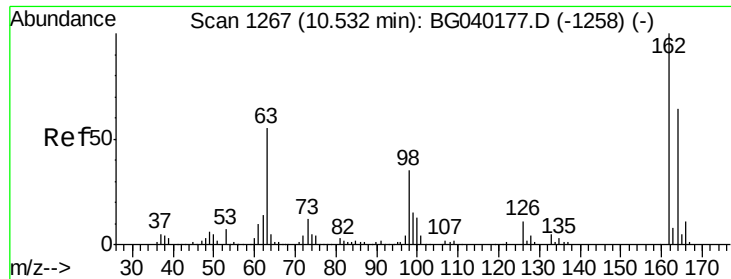
Tot Ion:122 Resp: 174728
 Ion Ratio Lower Upper
 122 100
 107 119.4 97.4 146.2
 121 59.1 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.384 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Tgt Ion: 93 Resp: 235388
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.2 39.4
 123 11.7 9.4 14.0

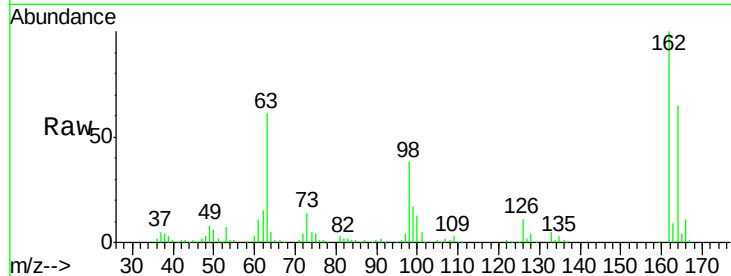




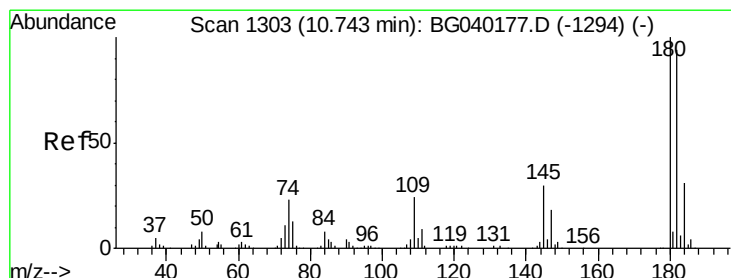
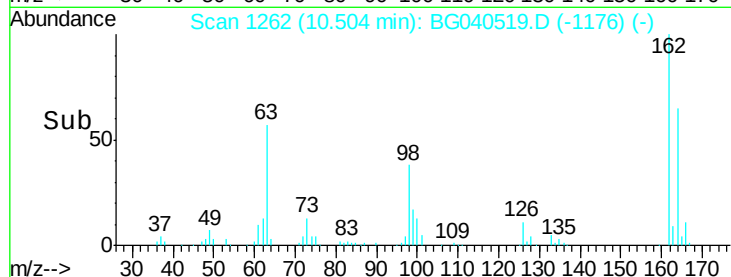
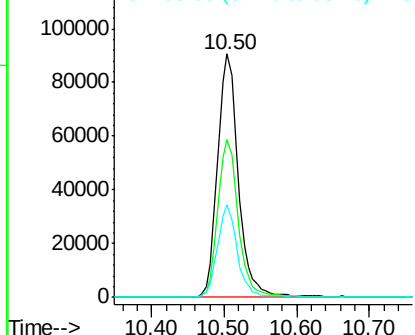
#29
 2,4-Dichlorophenol
 Concen: 43.792 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	43.9	83.9
98	38.1	15.6	55.6

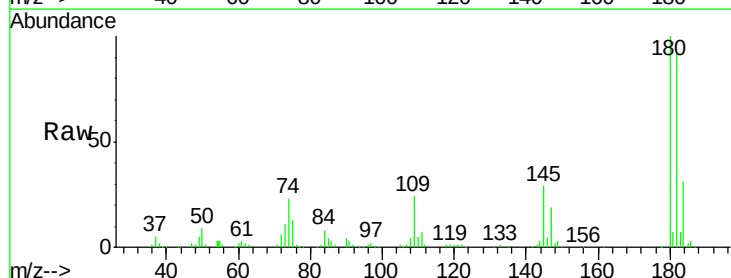


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

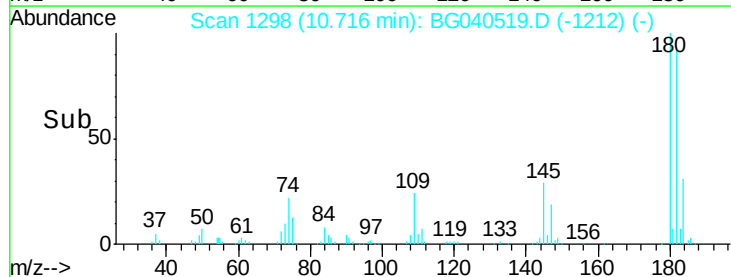
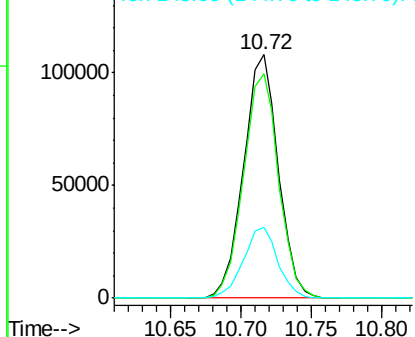


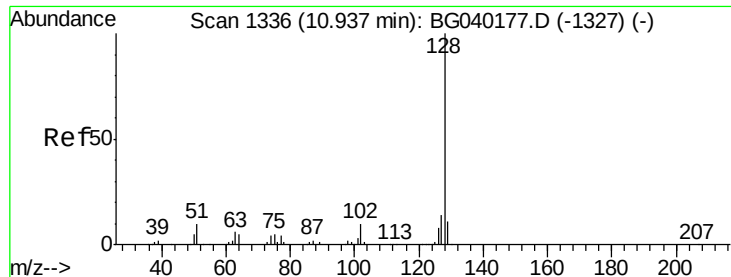
#30
 1,2,4-Trichlorobenzene
 Concen: 40.739 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	75.1	112.7
145	28.9	24.1	36.1



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

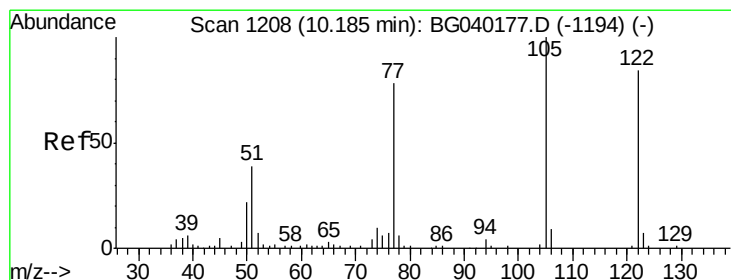
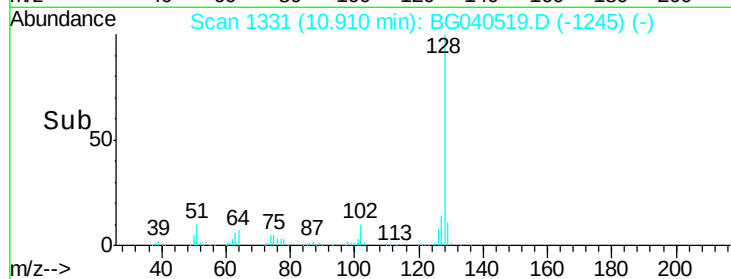
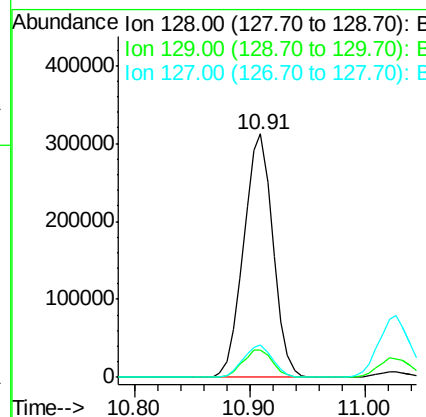
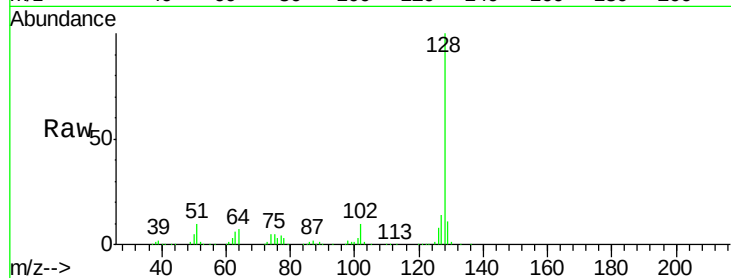




#31
Naphthalene
Concen: 41.090 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

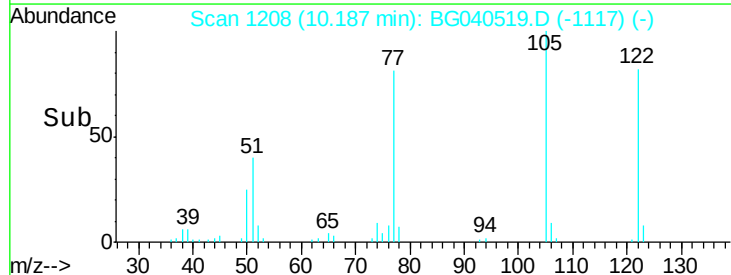
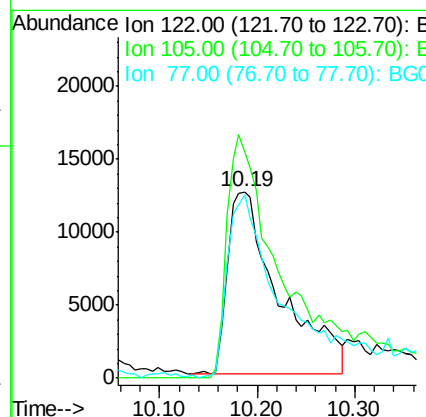
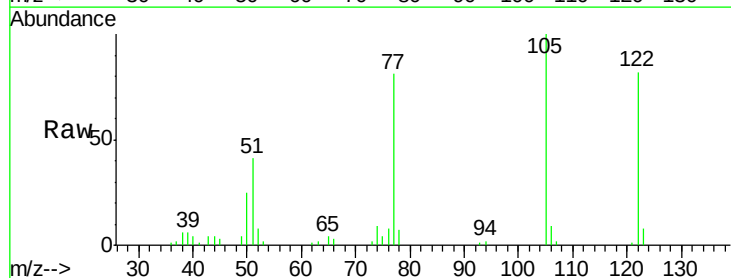
Instrument :
BNA_G
ClientSampleId :

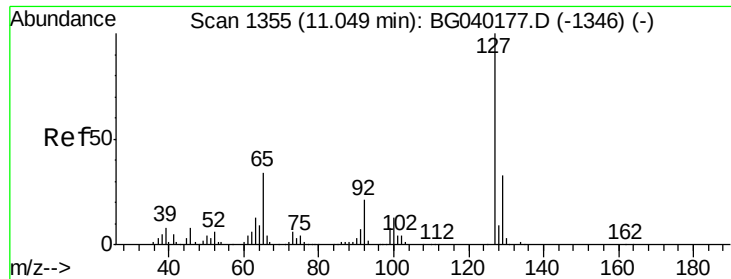
Tot Ion:128 Resp: 549648
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.5 11.4 17.0



#32
Benzoic acid
Concen: 19.951 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Tgt Ion:122 Resp: 46128
Ion Ratio Lower Upper
122 100
105 121.4 98.2 138.2
77 98.6 73.6 113.6

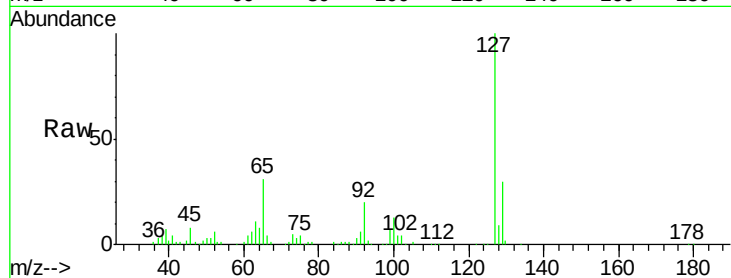




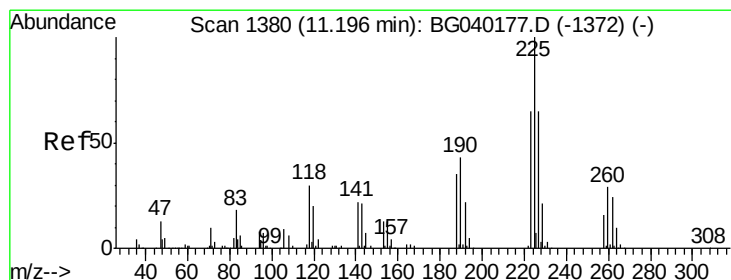
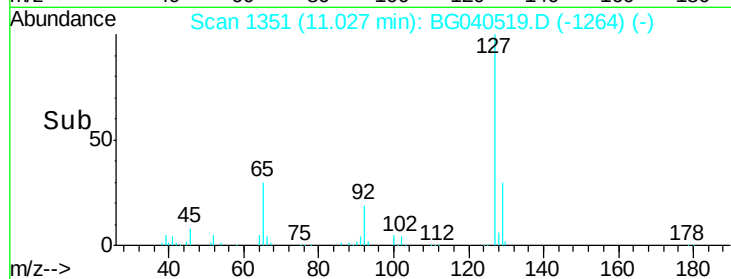
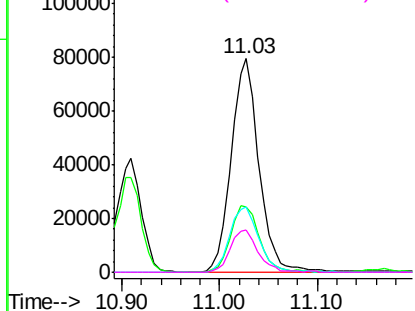
#33
4-Chloroaniline
Concen: 27.448 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	156615
Ion Ratio	Lower	Upper
127	100	
129	30.4	26.6 40.0
65	30.6	27.0 40.4
92	19.7	16.6 25.0

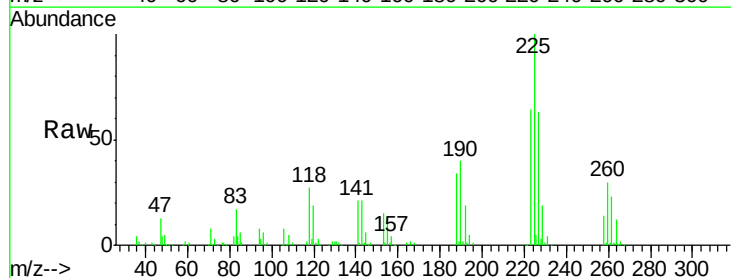


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

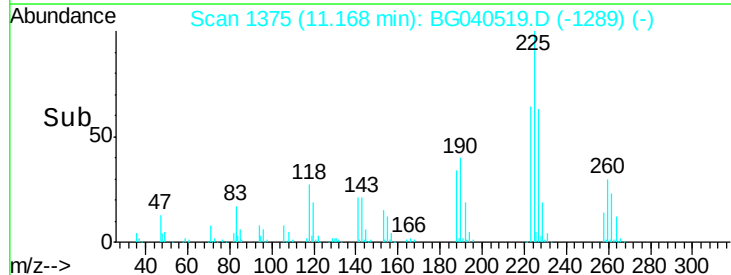
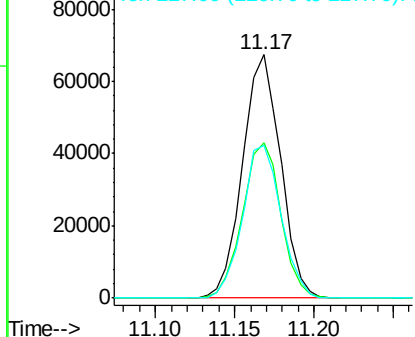


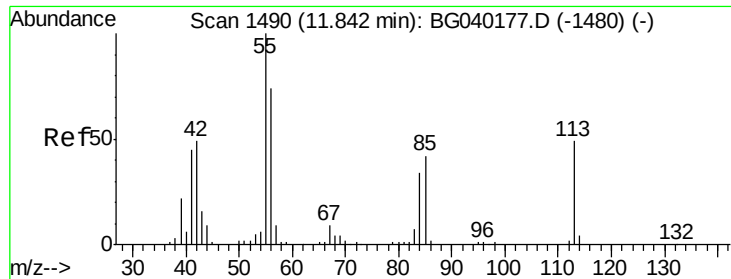
#34
Hexachlorobutadiene
Concen: 38.575 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Tgt Ion:225	Resp:	112519
Ion Ratio	Lower	Upper
225	100	
223	64.0	51.8 77.8
227	62.8	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

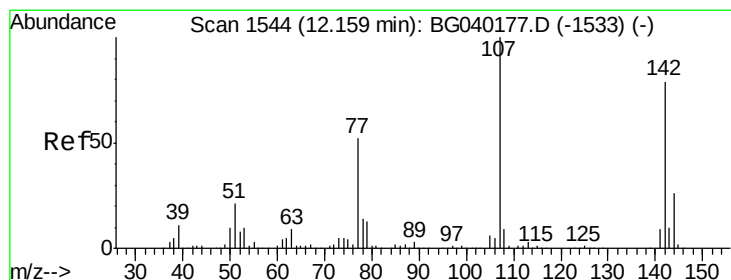
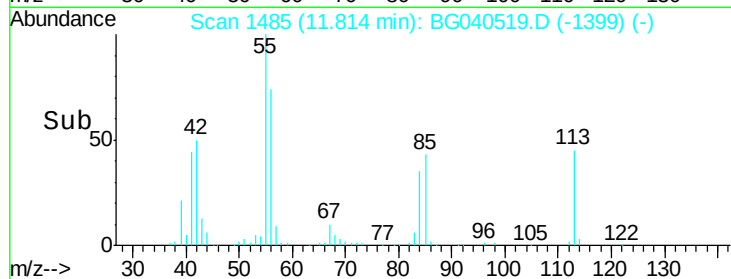
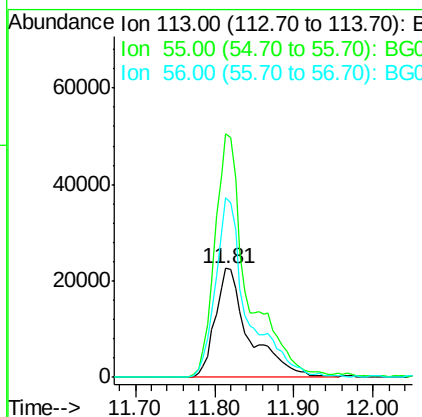
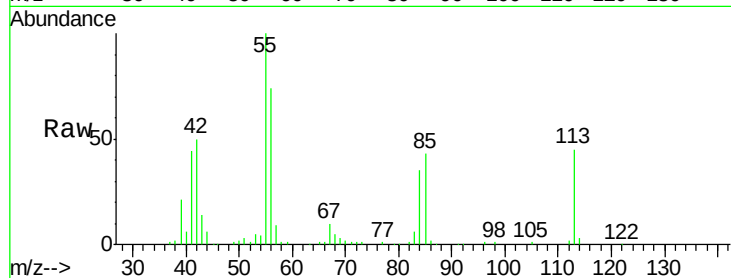




#35
 Caprolactam
 Concen: 40.792 ng
 RT: 11.81 min Scan# 1485
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

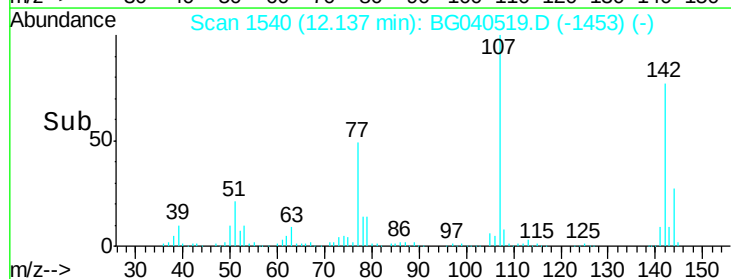
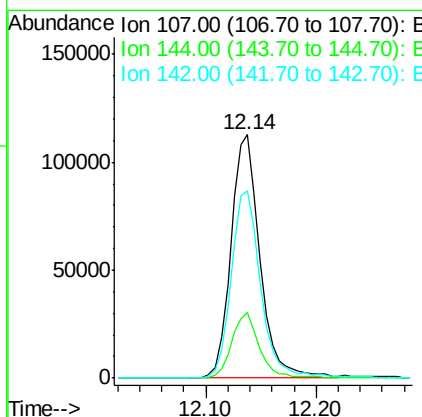
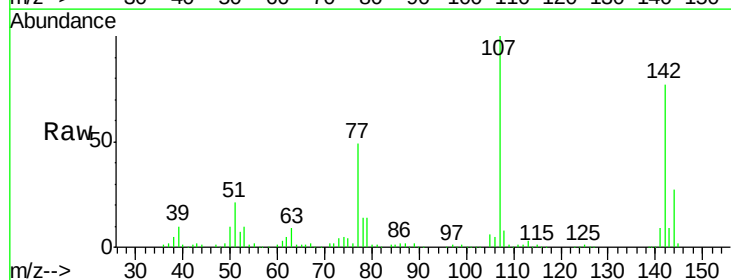
Instrument :
 BNA_G
 ClientSampled :

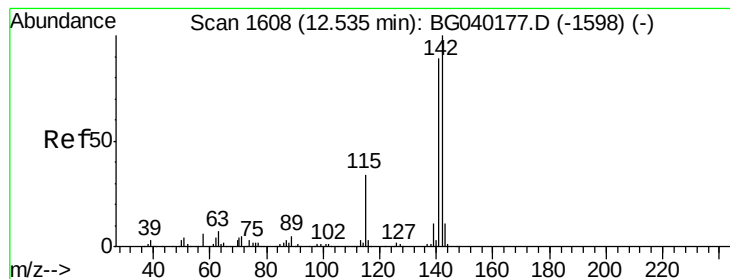
Tot Ion:113 Resp: 67238
 Ion Ratio Lower Upper
 113 100
 55 223.5 184.2 224.2
 56 165.0 131.3 171.3



#36
 4-Chloro-3-methylphenol
 Concen: 43.494 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. -0.02 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Tgt Ion:107 Resp: 207686
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.5 30.7
 142 77.1 63.1 94.7





#37

2-Methylnaphthalene

Concen: 41.811 ng

RT: 12.51 min Scan# 1603

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

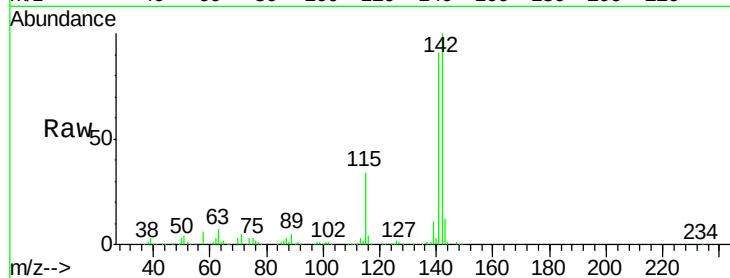
Tot Ion:142 Resp: 413641

Ion Ratio Lower Upper

142 100

141 91.3 71.0 106.6

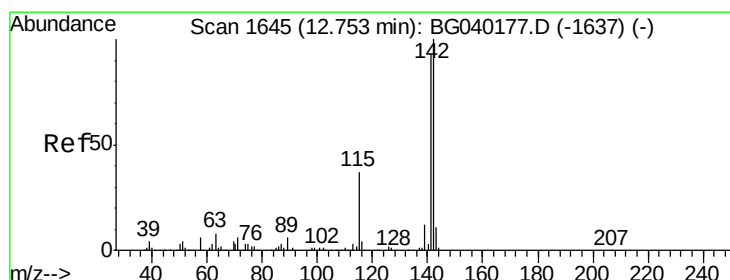
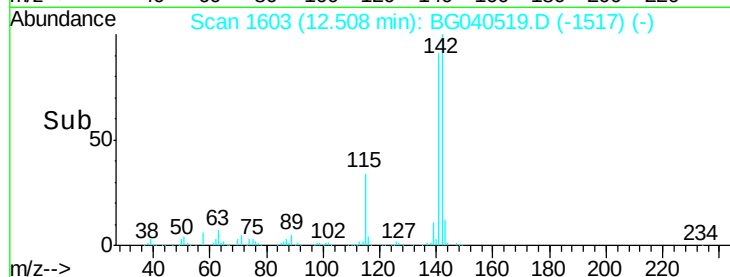
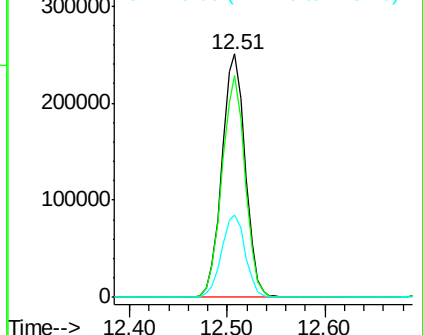
115 34.0 27.3 40.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.914 ng

RT: 12.73 min Scan# 1640

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

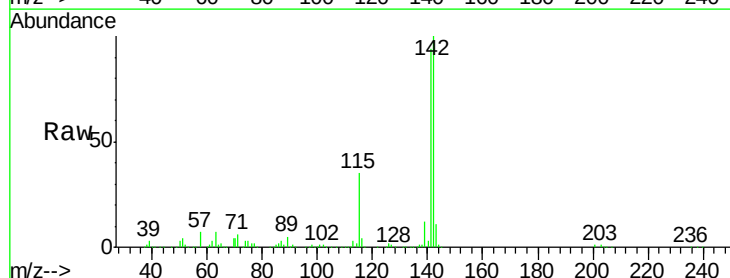
Tgt Ion:142 Resp: 392503

Ion Ratio Lower Upper

142 100

141 93.8 74.2 111.4

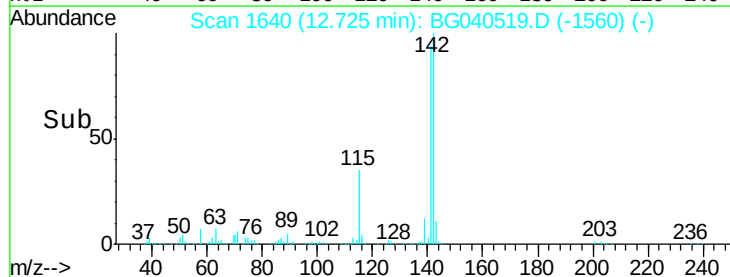
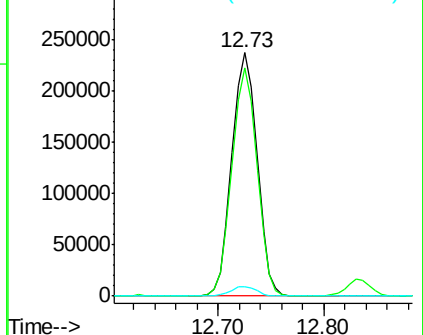
116 3.9 3.0 4.4

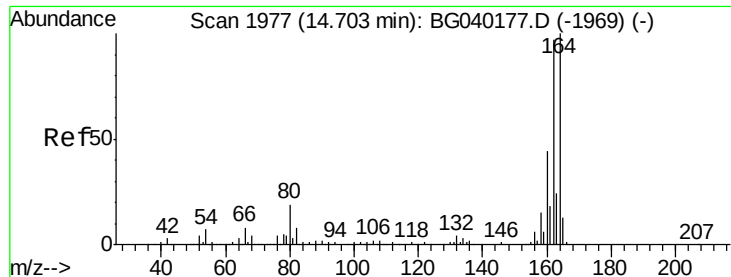


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampled :

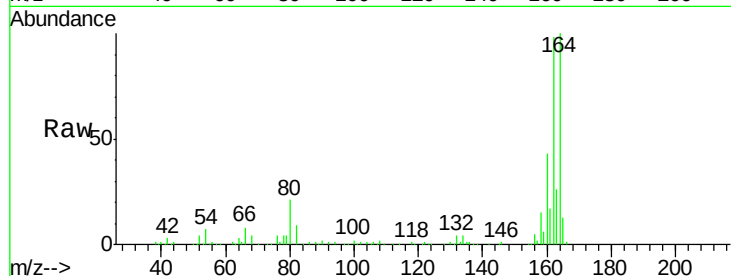
Tot Ion:164 Resp: 165728

Ion Ratio Lower Upper

164 100

162 98.1 77.4 116.2

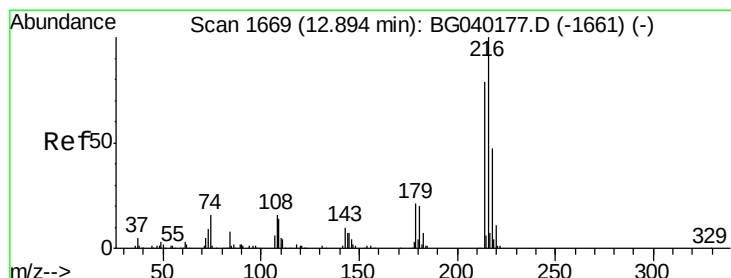
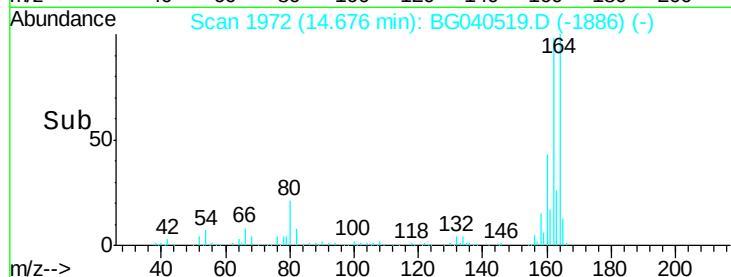
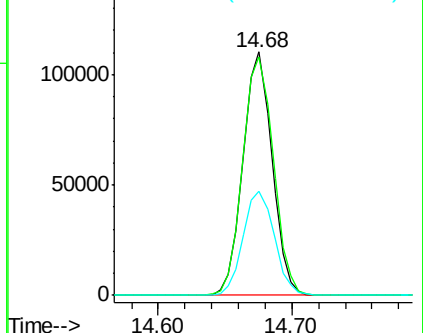
160 42.9 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.131 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Tgt Ion:216 Resp: 211388

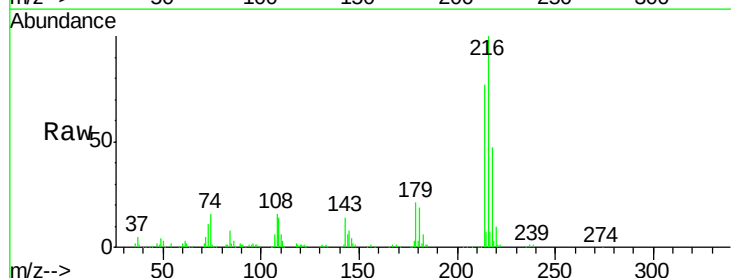
Ion Ratio Lower Upper

216 100

214 78.4 63.5 95.3

179 20.2 16.6 25.0

108 18.9 13.8 20.8

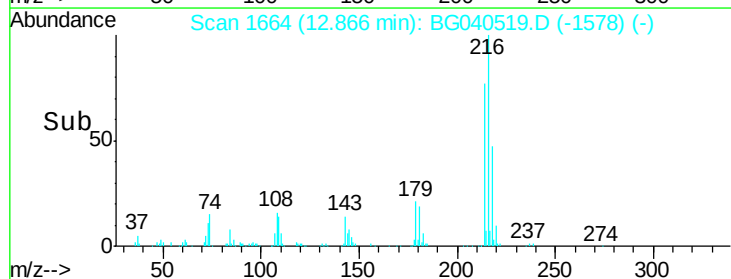
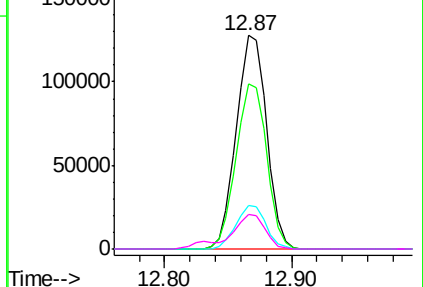


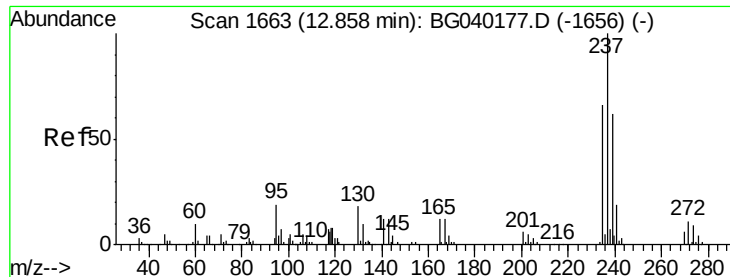
Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.524 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

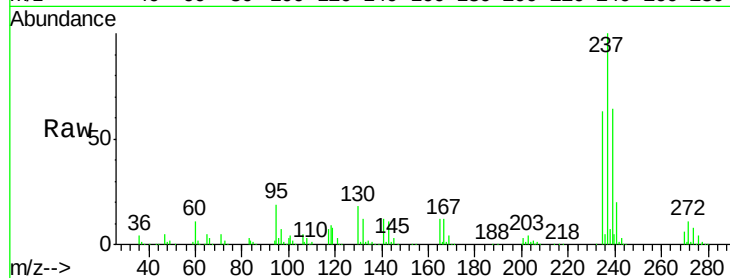
Tot Ion:237 Resp: 218430

Ion Ratio Lower Upper

237 100

235 63.0 46.2 86.2

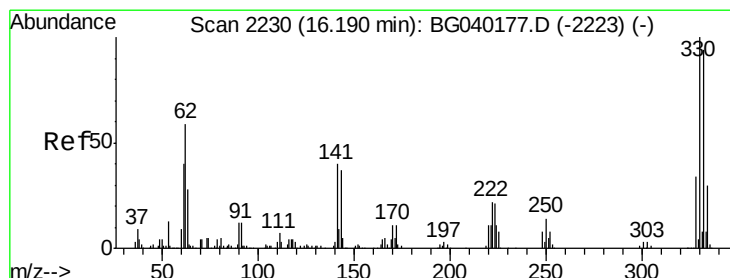
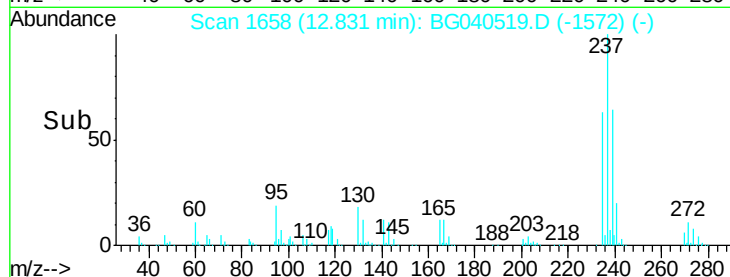
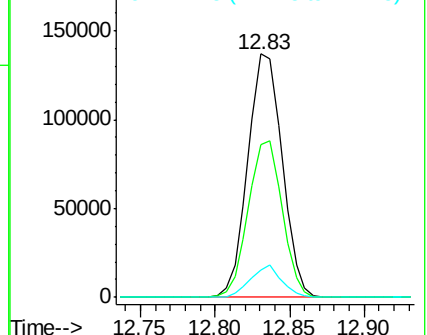
272 11.4 0.0 30.5



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: 142.971 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

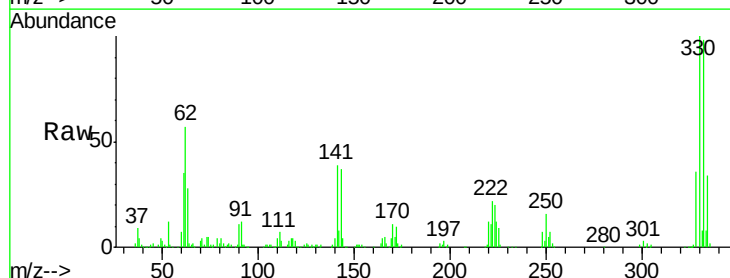
Tgt Ion:330 Resp: 256073

Ion Ratio Lower Upper

330 100

332 99.3 76.6 115.0

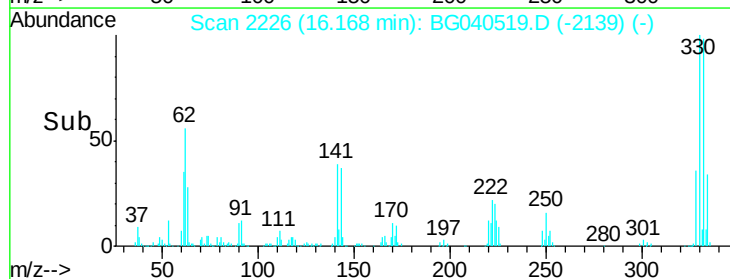
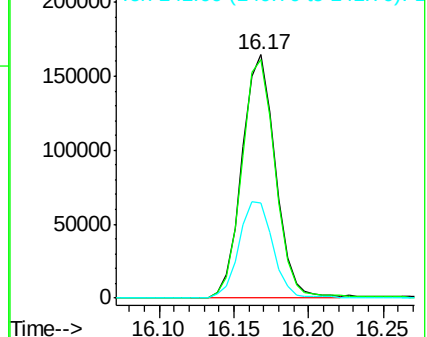
141 40.6 32.6 48.8

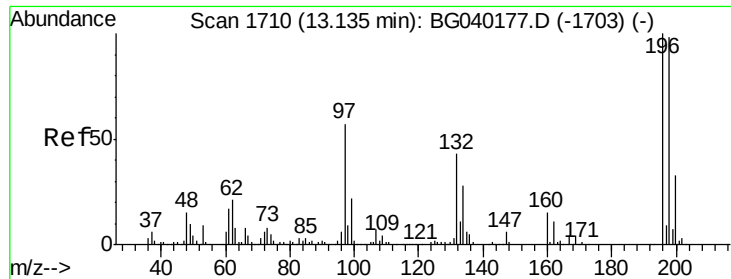


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

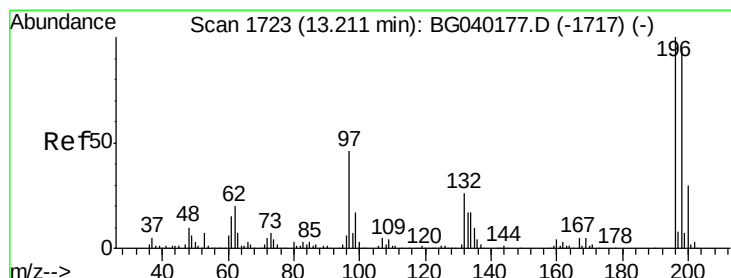
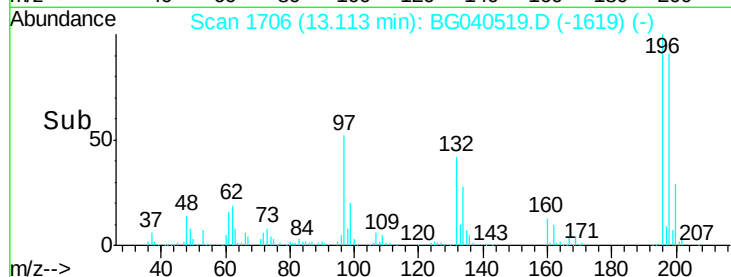
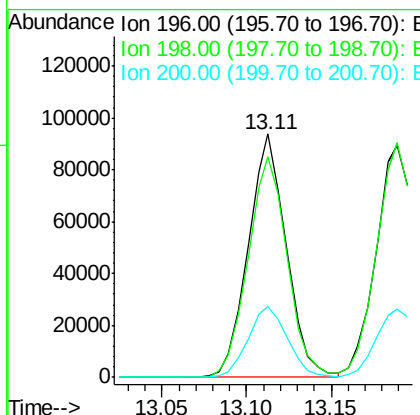
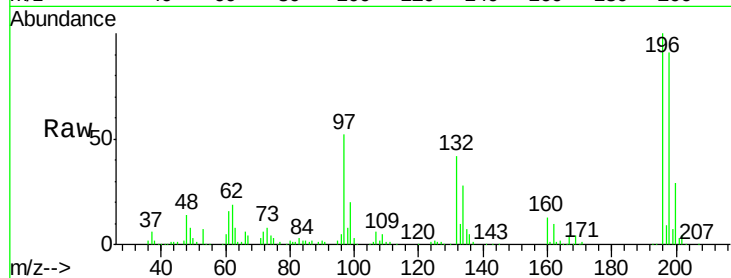




#43
 2,4,6-Trichlorophenol
 Concen: 43.233 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

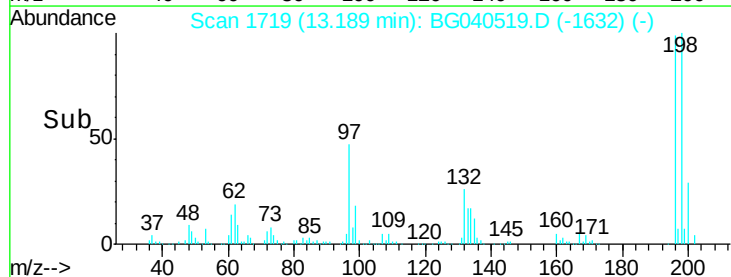
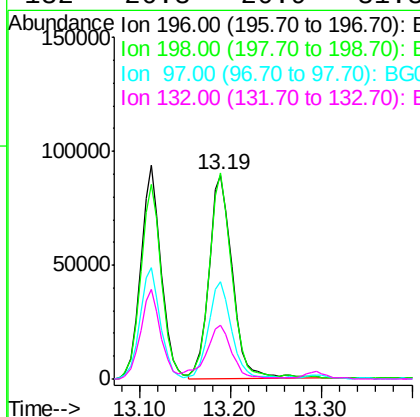
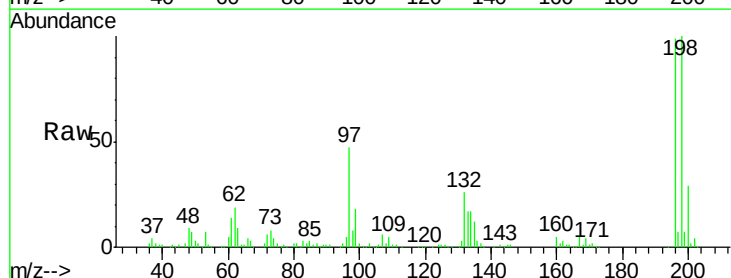
Instrument :
 BNA_G
 ClientSampleId :

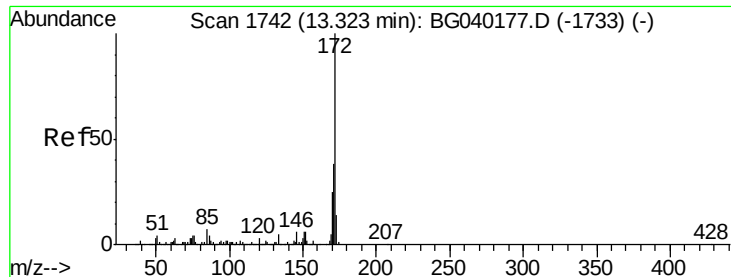
Tot Ion:196 Resp: 146822
 Ion Ratio Lower Upper
 196 100
 198 90.9 78.3 117.5
 200 29.0 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.991 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Tgt Ion:196 Resp: 159136
 Ion Ratio Lower Upper
 196 100
 198 100.9 75.0 112.6
 97 47.5 37.3 55.9
 132 26.3 20.9 31.3

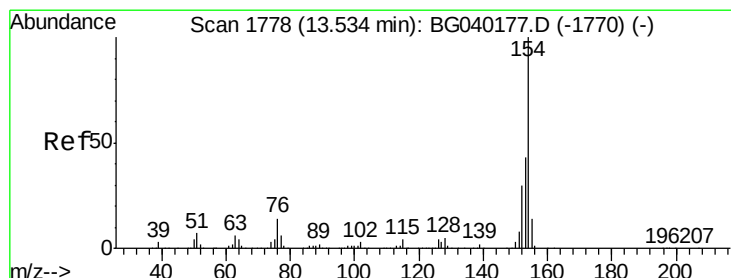
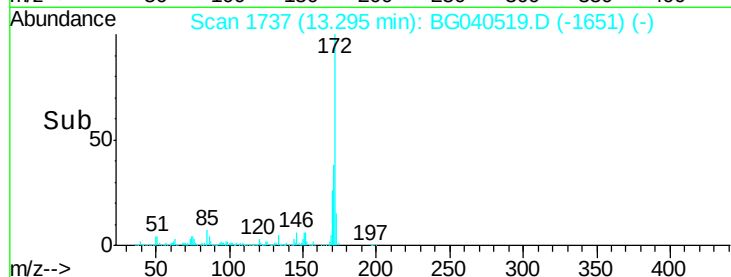
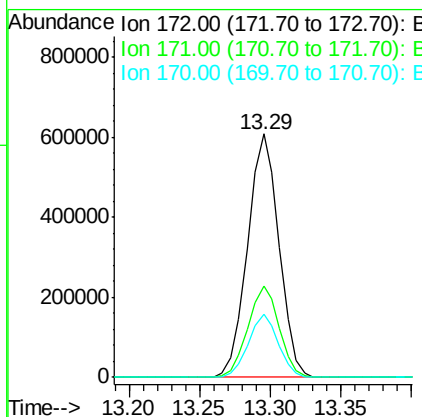
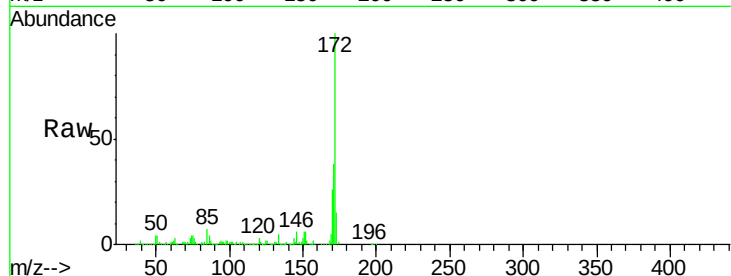




#45
2-Fluorobiphenyl
Concen: 84.726 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

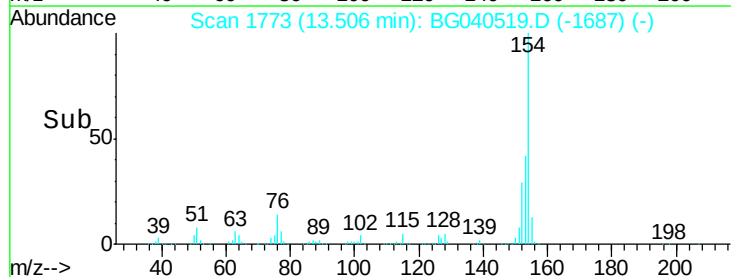
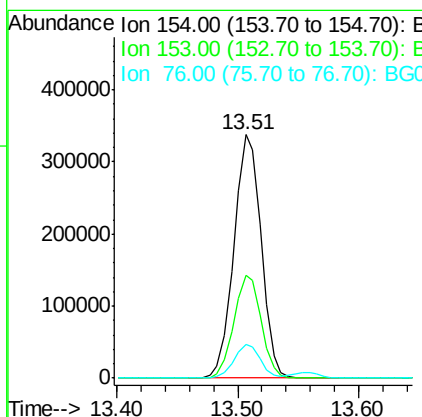
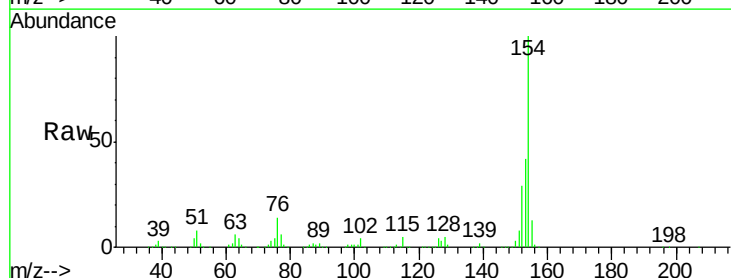
Instrument :
BNA_G
ClientSampleId :

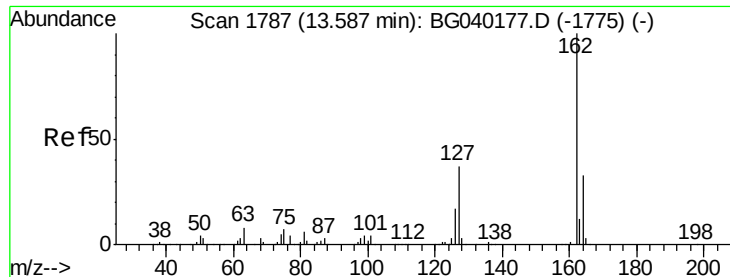
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.5	45.7
170	25.8	20.1	30.1



#46
1,1'-Biphenyl
Concen: 40.421 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.5	62.5
76	13.8	0.0	33.7

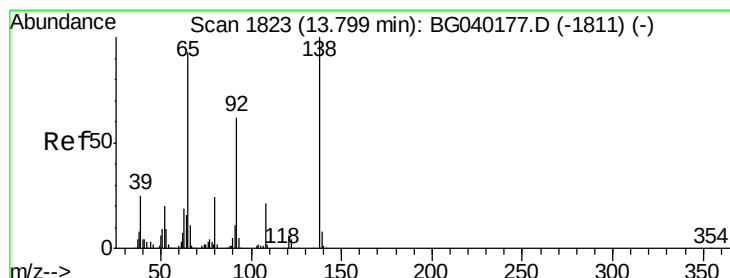
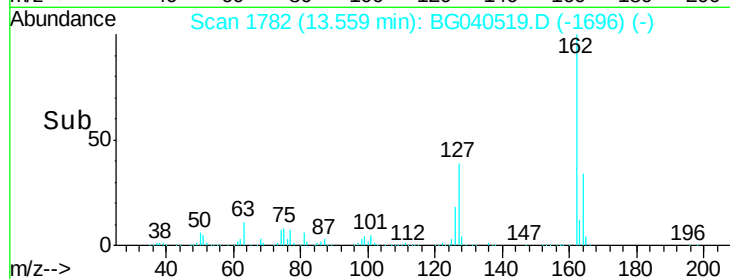
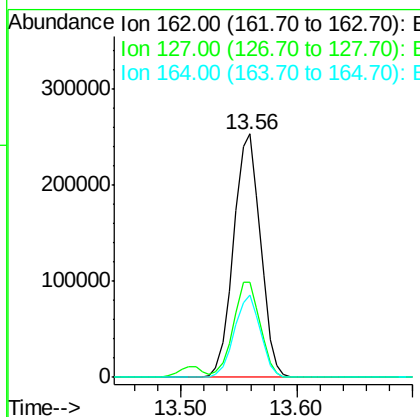
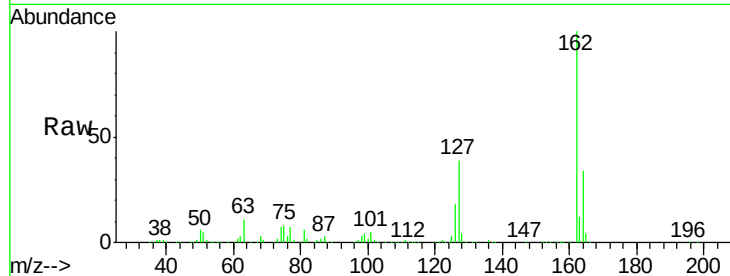




#47
 2-Chloronaphthalene
 Concen: 40.672 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

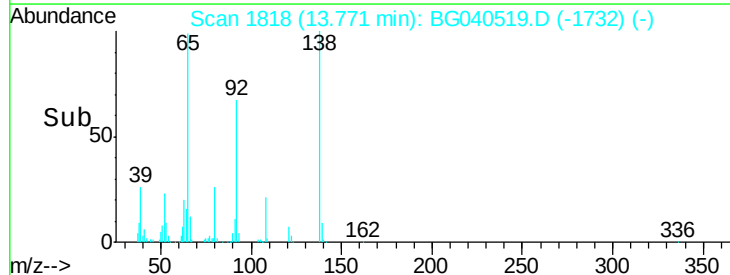
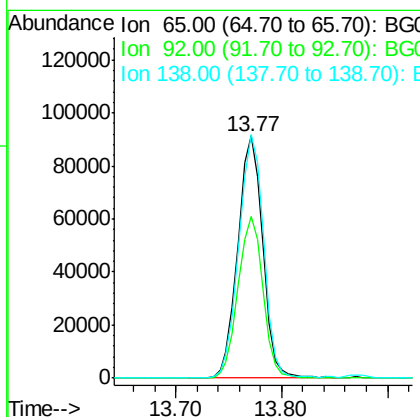
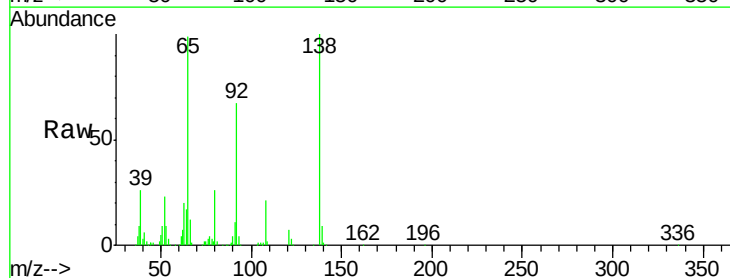
Instrument :
 BNA_G
 ClientSampleId :

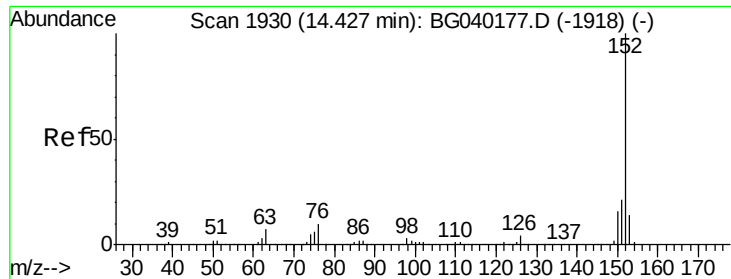
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	30.6	45.8
164	33.6	26.2	39.4



#48
 2-Nitroaniline
 Concen: 43.889 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.0	53.8	80.6
138	100.5	86.3	129.5





#49

Acenaphthylene

Concen: 40.384 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampled :

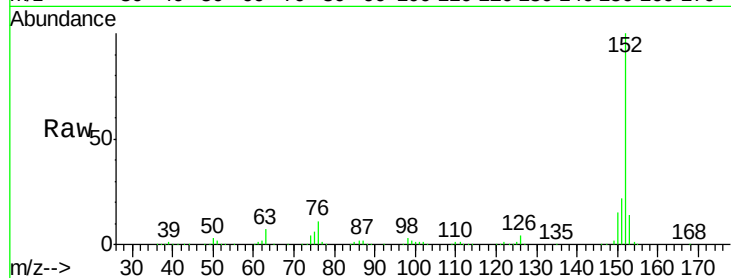
Tot Ion:152 Resp: 687743

Ion Ratio Lower Upper

152 100

151 21.7 17.0 25.6

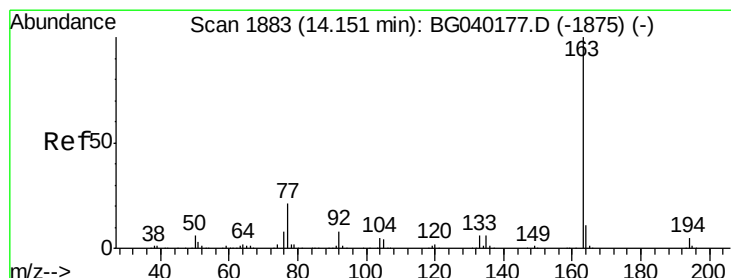
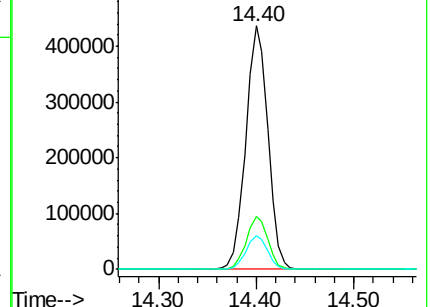
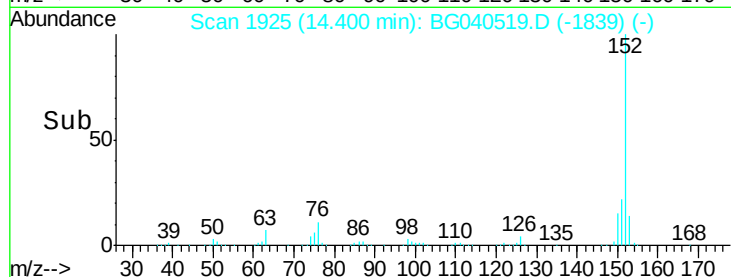
153 13.7 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.791 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

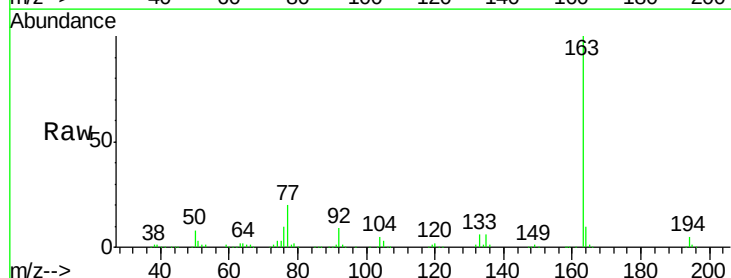
Tgt Ion:163 Resp: 542048

Ion Ratio Lower Upper

163 100

194 4.6 4.1 6.1

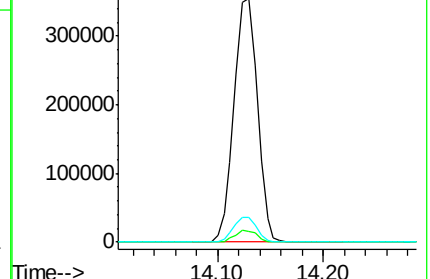
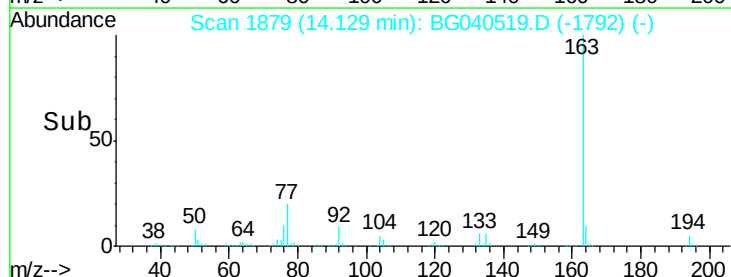
164 10.2 8.6 13.0

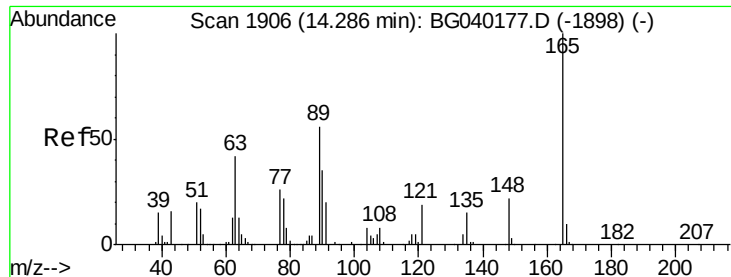


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

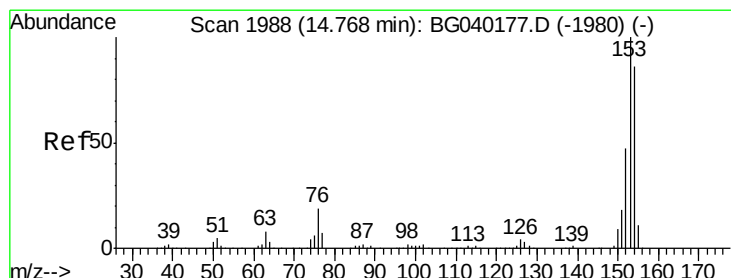
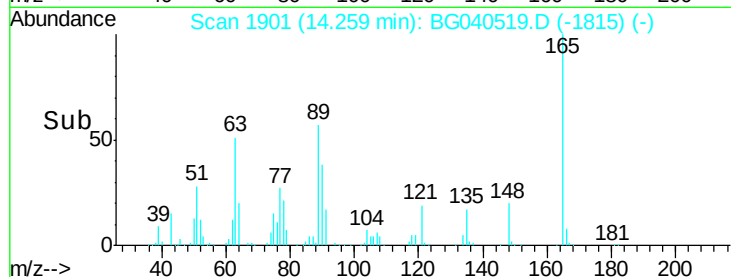
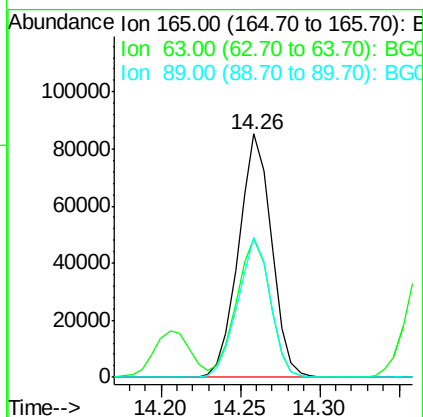
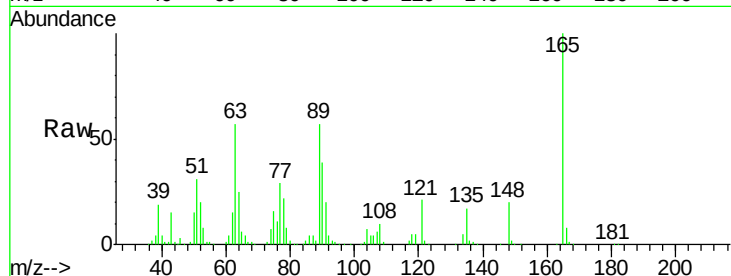




#51
2,6-Dinitrotoluene
Concen: 42.259 ng
RT: 14.26 min Scan# 1901
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

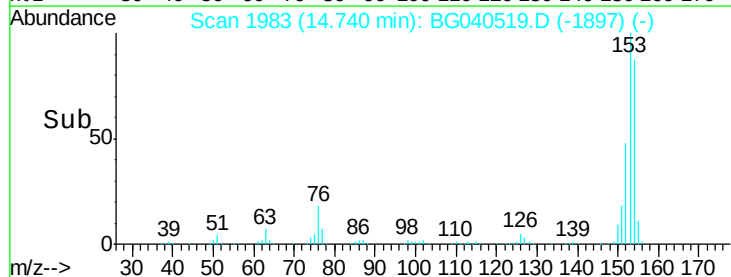
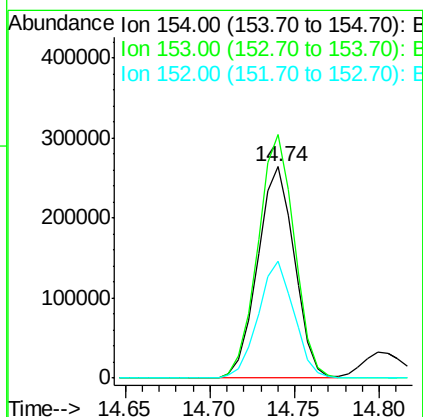
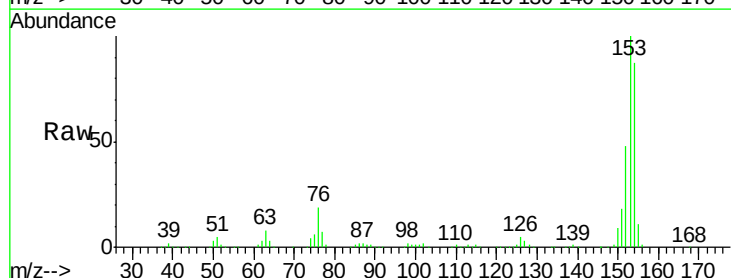
Instrument :
BNA_G
ClientSampleId :

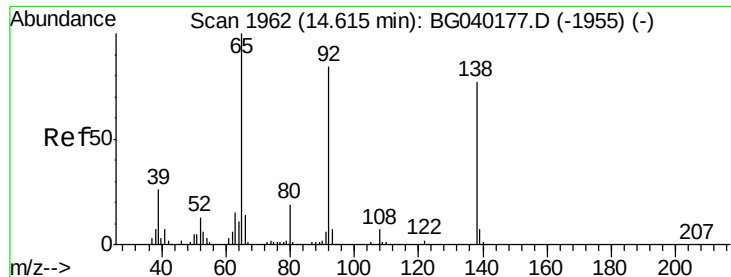
Tot Ion:165 Resp: 123072
Ion Ratio Lower Upper
165 100
63 56.8 44.1 66.1
89 57.5 44.9 67.3



#52
Acenaphthene
Concen: 41.042 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Tgt Ion:154 Resp: 400511
Ion Ratio Lower Upper
154 100
153 115.1 92.8 139.2
152 55.2 43.4 65.2





#53

3-Nitroaniline

Concen: 32.233 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampled :

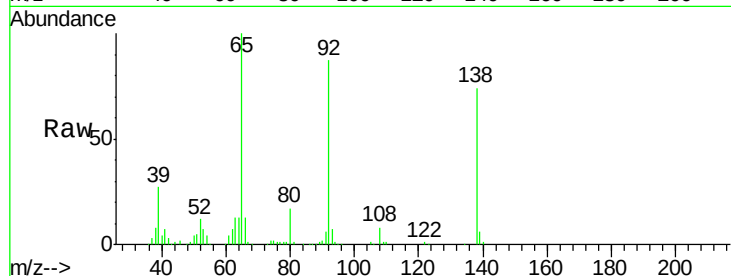
Tot Ion:138 Resp: 99367

Ion Ratio Lower Upper

138 100

108 10.8 7.8 11.8

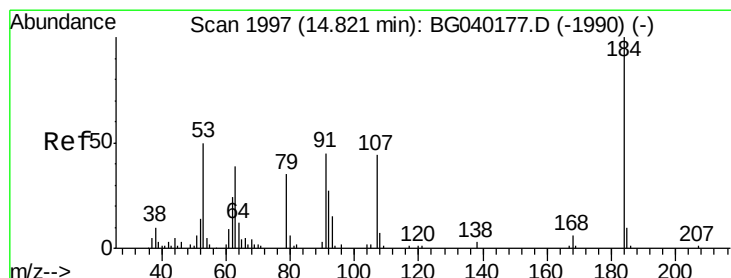
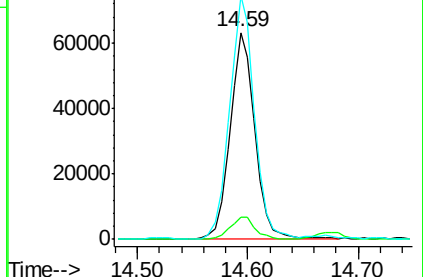
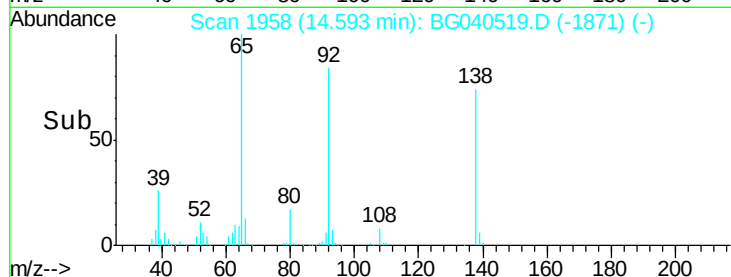
92 117.9 87.5 131.3



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: 68.152 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

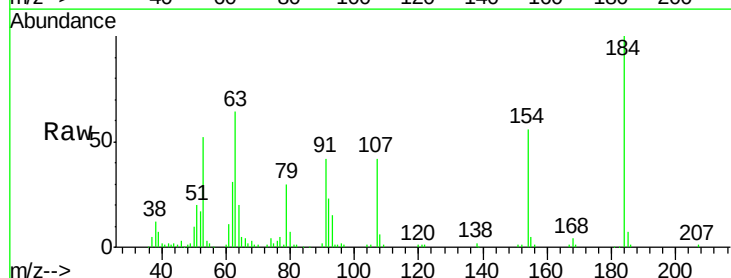
Tgt Ion:184 Resp: 105557

Ion Ratio Lower Upper

184 100

63 64.3 51.8 77.8

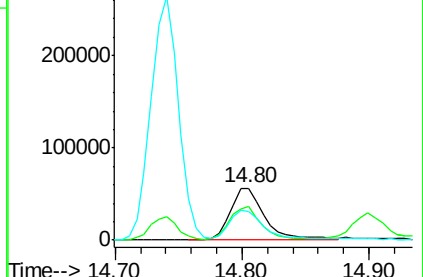
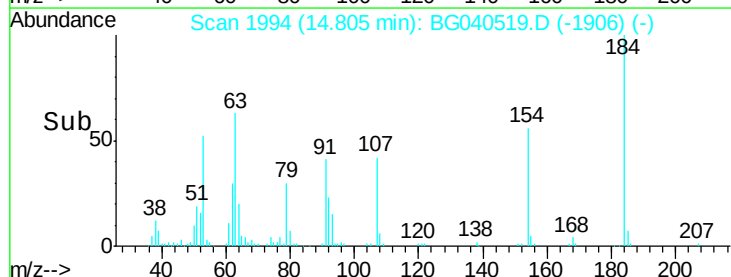
154 55.7 50.9 76.3

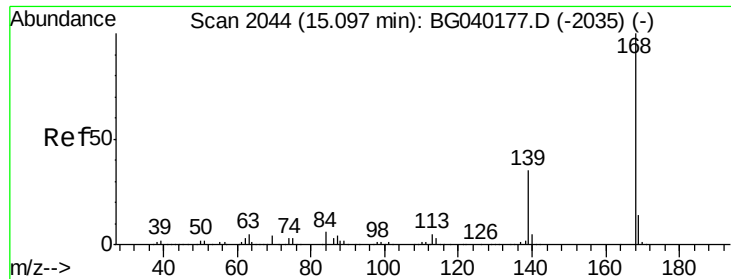


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E

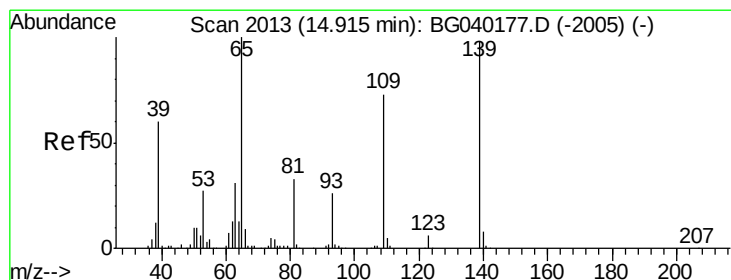
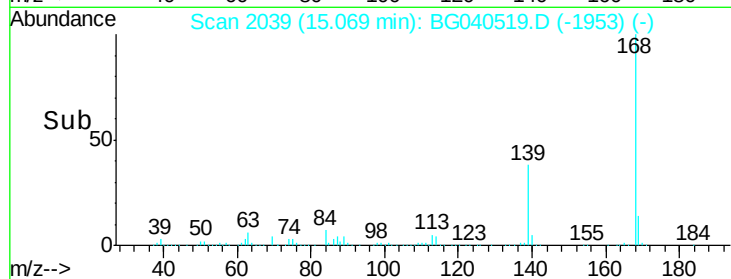
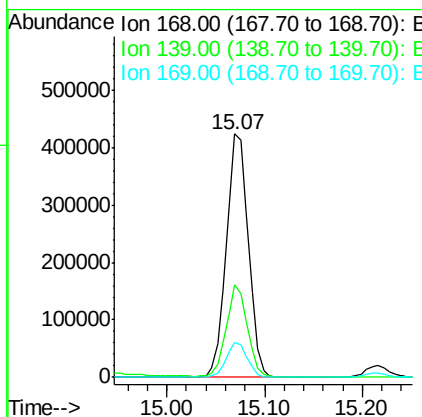
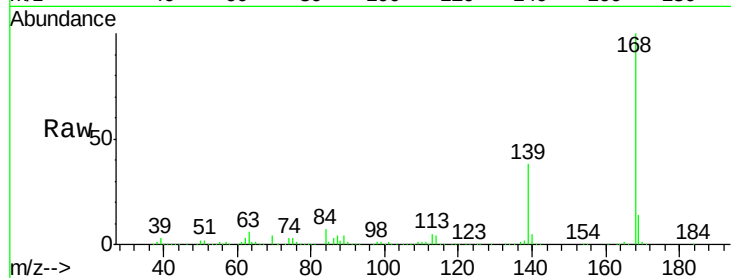




#55
Dibenzenofuran
Concen: 42.215 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

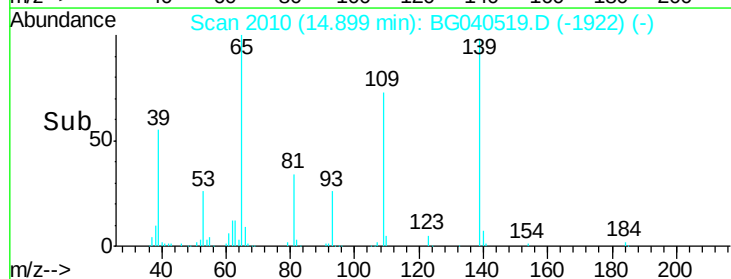
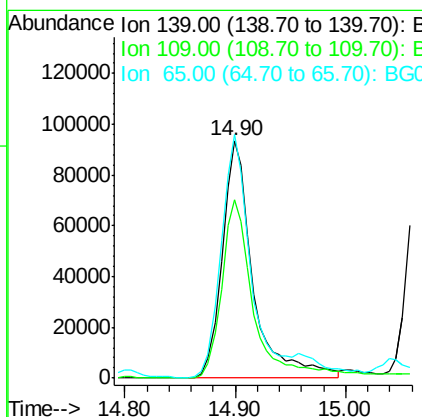
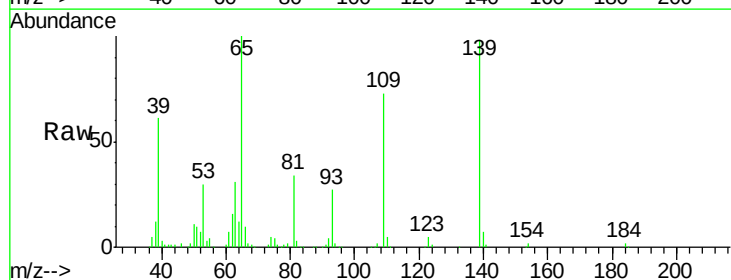
Instrument :
BNA_G
ClientSampled :

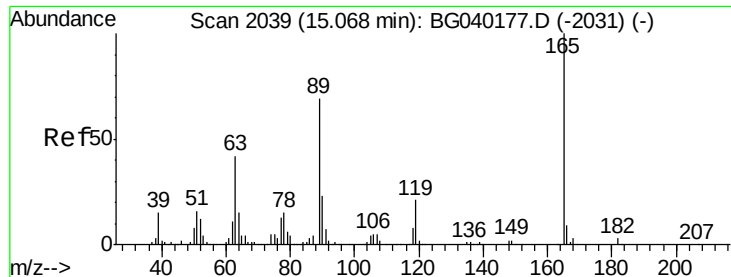
Tot Ion:168 Resp: 661954
Ion Ratio Lower Upper
168 100
139 37.8 27.9 41.9
169 14.4 11.3 16.9



#56
4-Nitrophenol
Concen: 73.218 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Tgt Ion:139 Resp: 182174
Ion Ratio Lower Upper
139 100
109 74.9 54.3 94.3
65 102.4 82.5 122.5

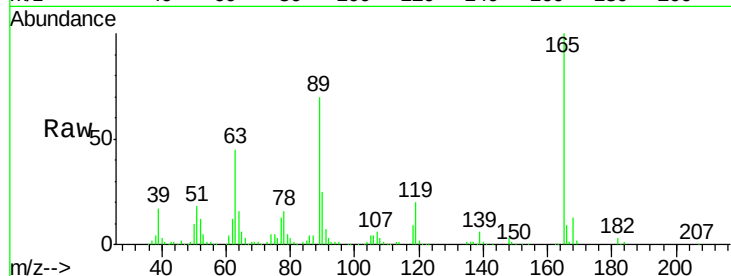




#57
2,4-Dinitrotoluene
Concen: 44.011 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.6	33.8	50.6
89	70.4	55.4	83.2
182	2.7	2.2	3.4

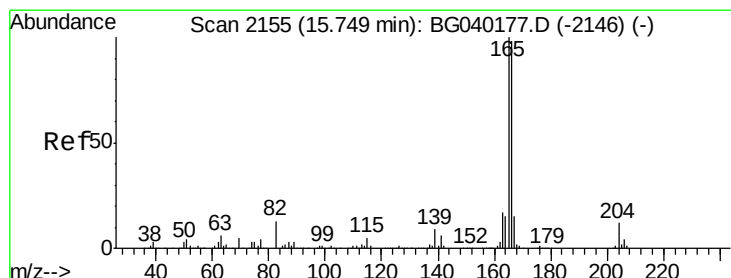
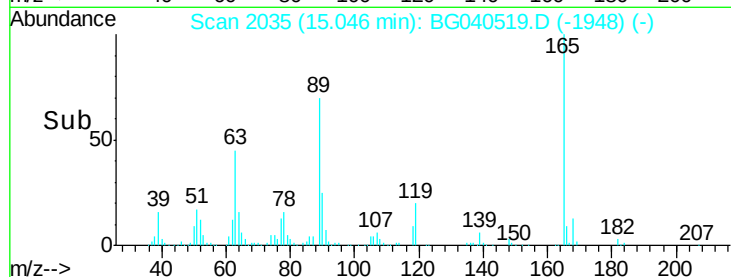
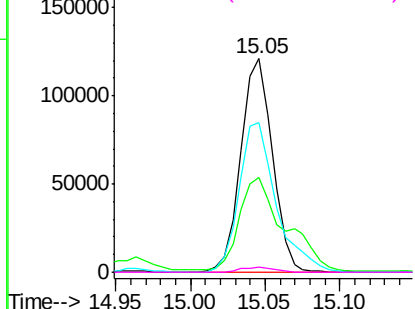


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

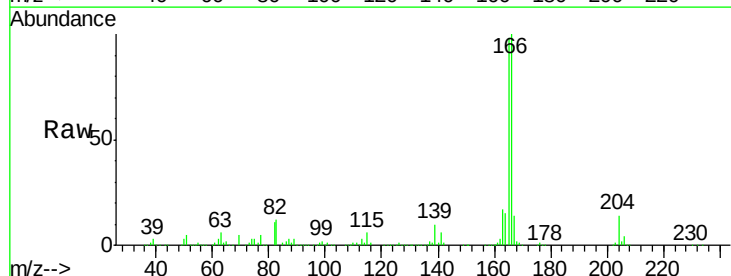
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.740 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

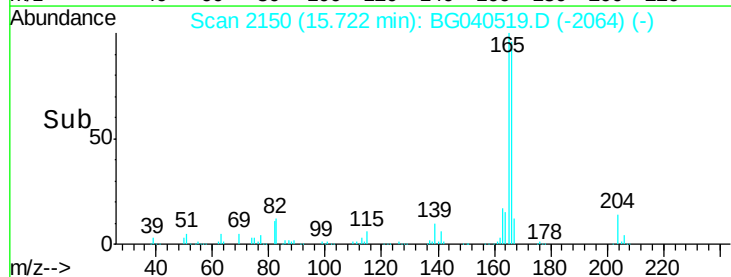
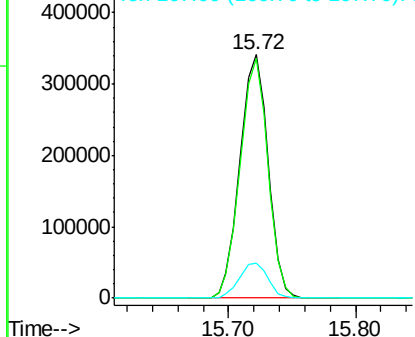
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	81.7	122.5
167	14.3	11.9	17.9

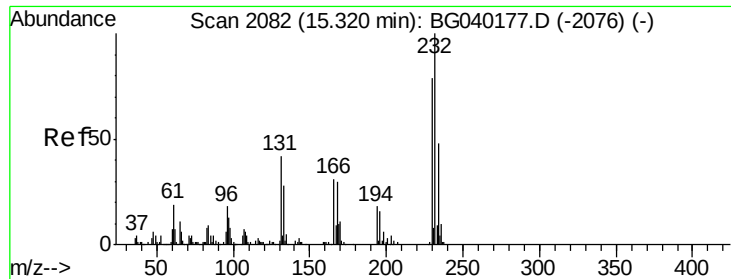


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

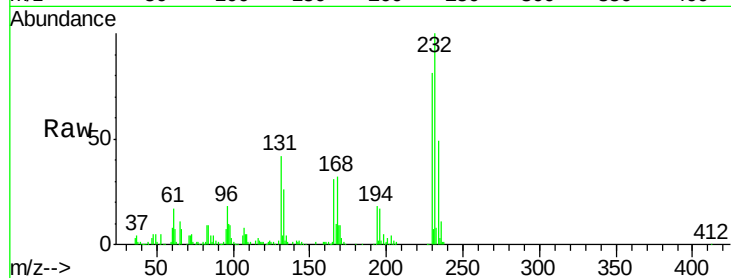




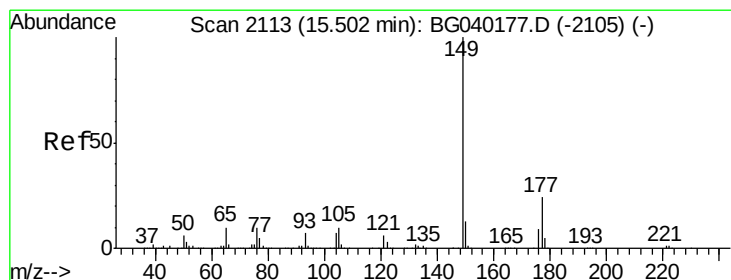
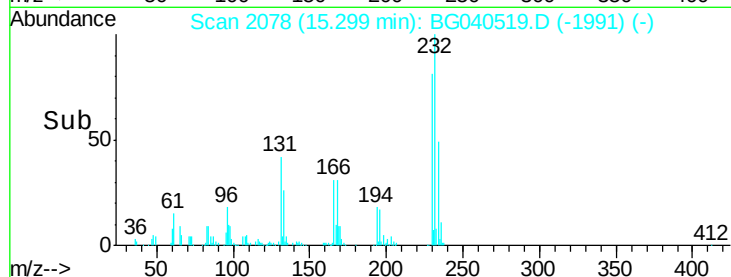
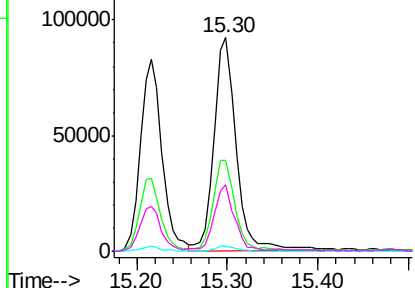
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.965 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	154399
Ion	Ratio	Lower	Upper
232	100		
131	41.8	32.9	49.3
130	2.3	1.8	2.8
166	27.7	23.5	35.3

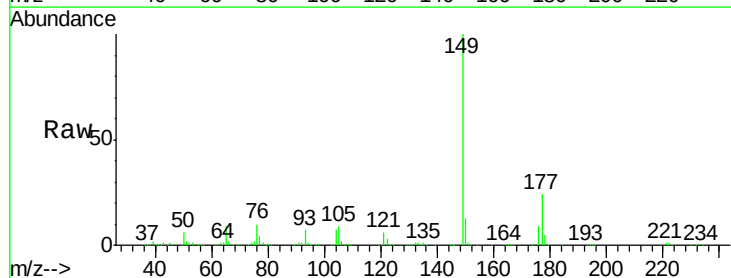


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

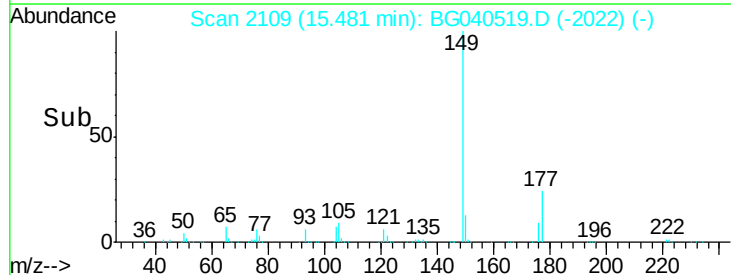
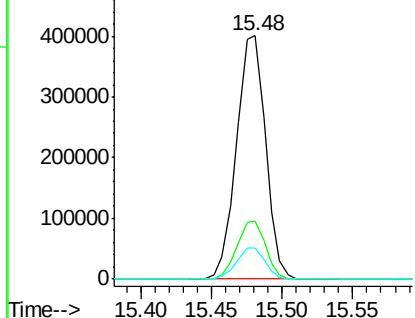


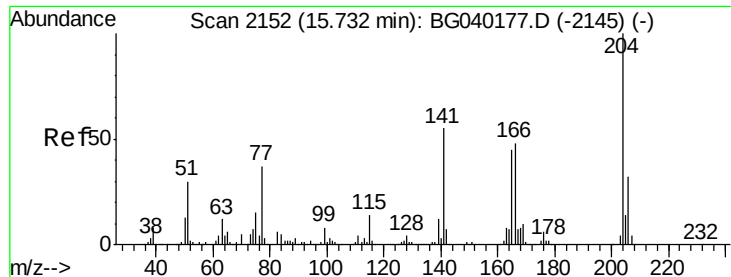
#60
 Diethylphthalate
 Concen: 43.465 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Tgt Ion:	149	Resp:	576902
Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.1	28.7
150	13.0	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

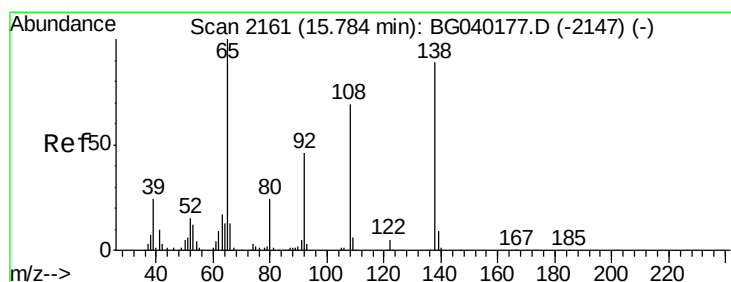
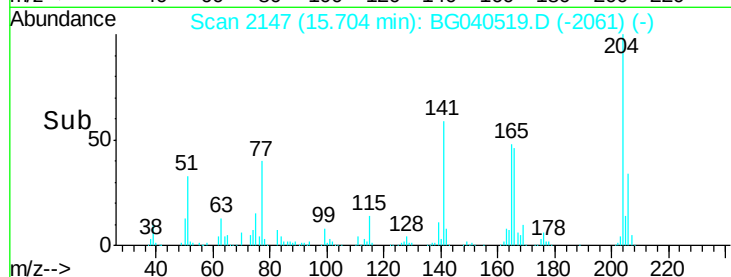
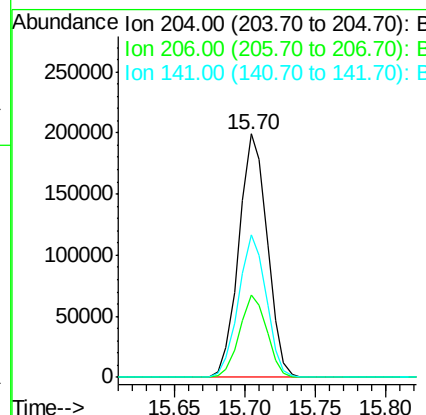
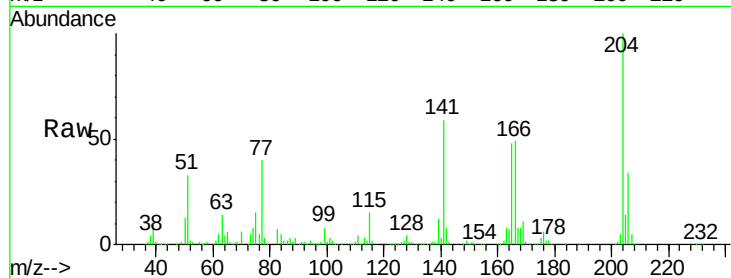




#61
 4-Chlorophenyl-phenylether
 Concen: 42.393 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

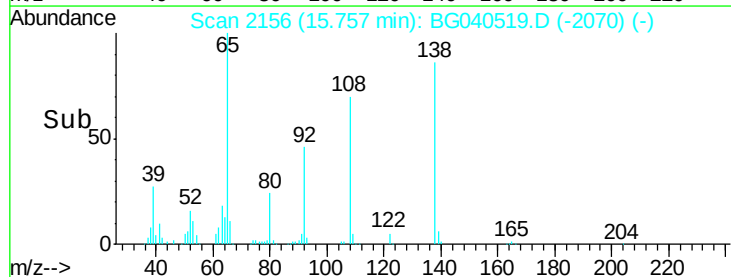
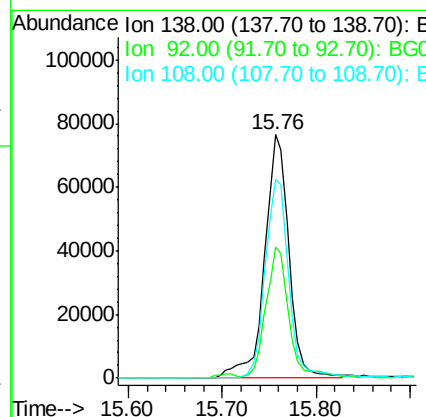
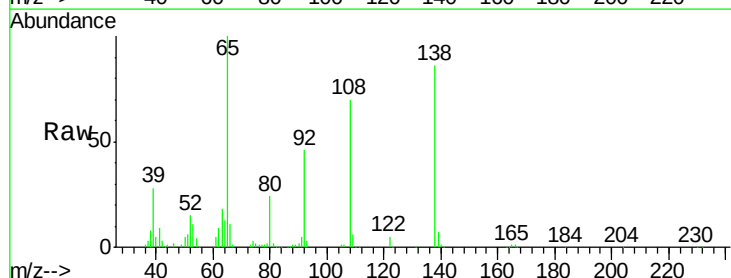
Instrument :
 BNA_G
 ClientSampleId :

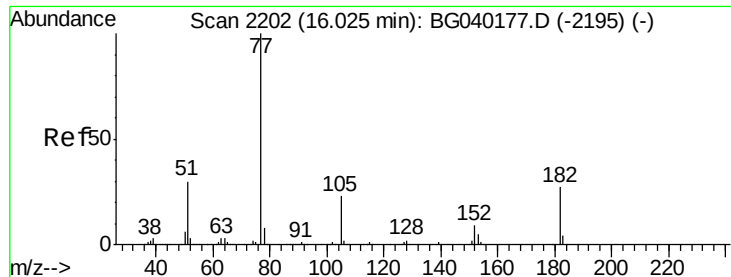
Tot Ion:204 Resp: 279366
 Ion Ratio Lower Upper
 204 100
 206 34.0 25.7 38.5
 141 58.8 44.0 66.0



#62
 4-Nitroaniline
 Concen: 41.431 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Tgt Ion:138 Resp: 137068
 Ion Ratio Lower Upper
 138 100
 92 53.5 31.8 71.8
 108 81.6 57.2 97.2





#63

Azobenzene

Concen: 43.084 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 539394

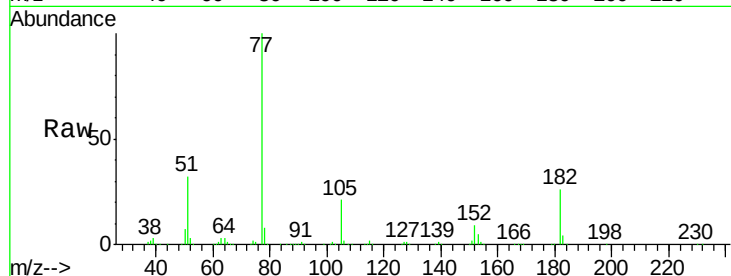
Ion Ratio Lower Upper

77 100

182 25.8 7.2 47.2

105 20.9 2.8 42.8

51 31.5 10.4 50.4

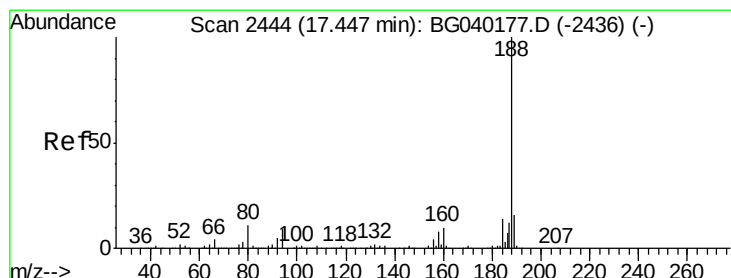
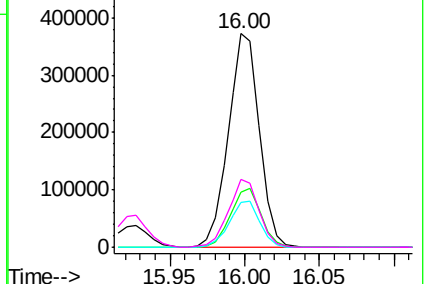
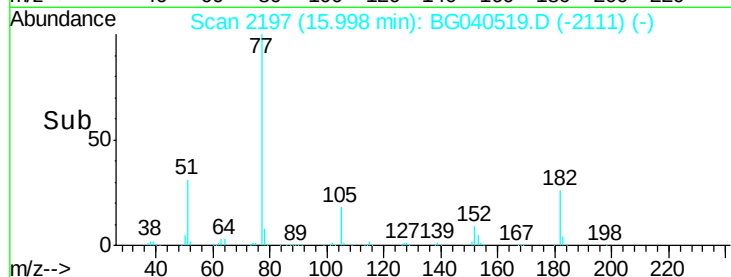


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

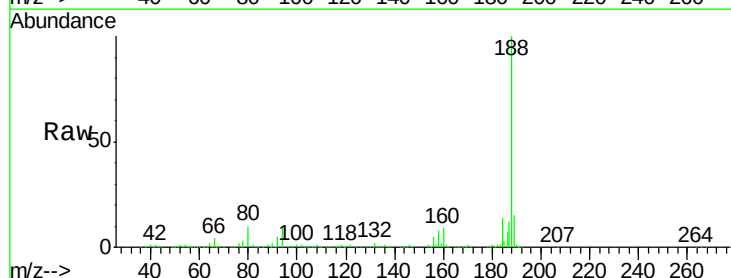
Tgt Ion: 188 Resp: 418001

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.4

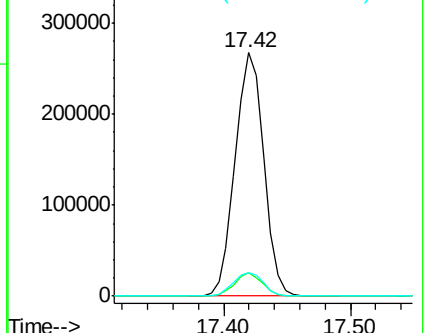
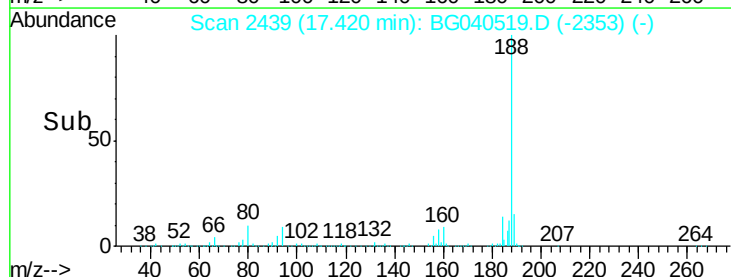
80 9.8 8.6 13.0

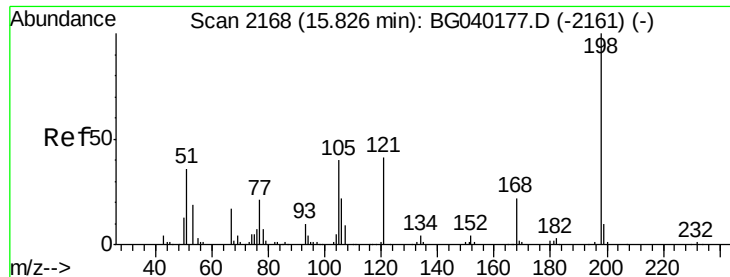


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 37.801 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampled :

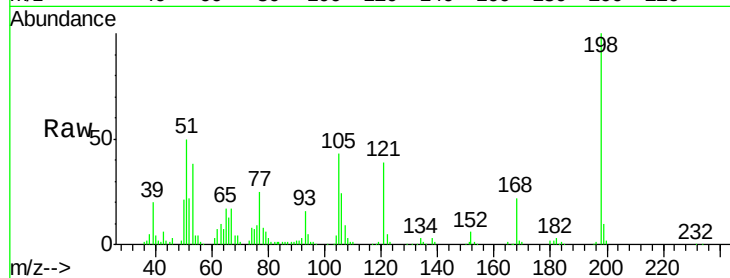
Tot Ion:198 Resp: 88771

Ion	Ratio	Lower	Upper
198	100		
51	50.3	27.3	67.3
105	43.4	21.7	61.7

198 100

51 50.3 27.3 67.3

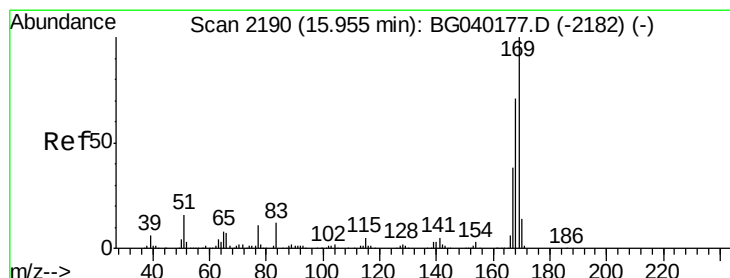
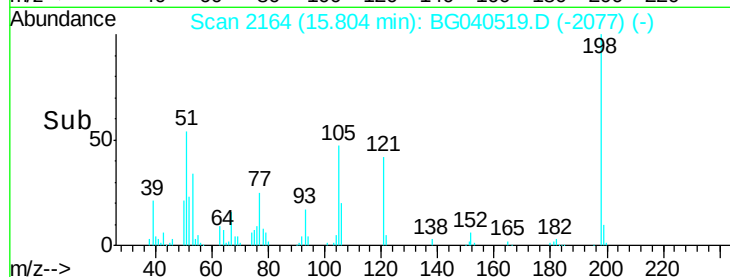
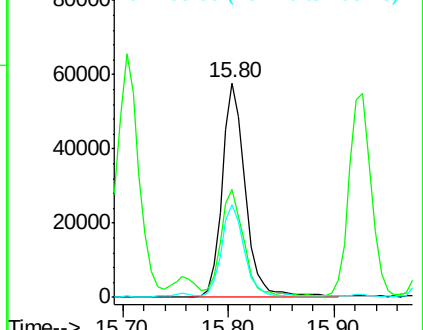
105 43.4 21.7 61.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.958 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

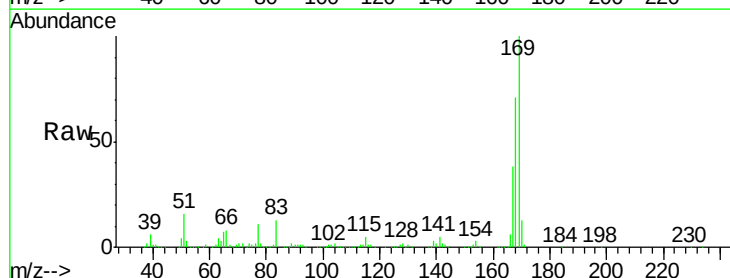
Tgt Ion:169 Resp: 500988

Ion	Ratio	Lower	Upper
169	100		
168	70.8	56.8	85.2
167	38.5	30.2	45.4

169 100

168 70.8 56.8 85.2

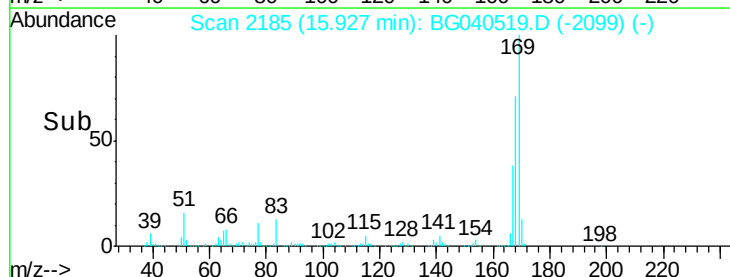
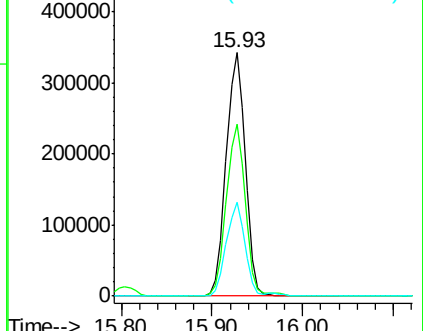
167 38.5 30.2 45.4

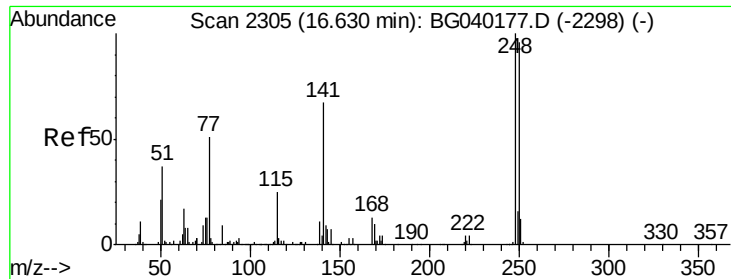


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

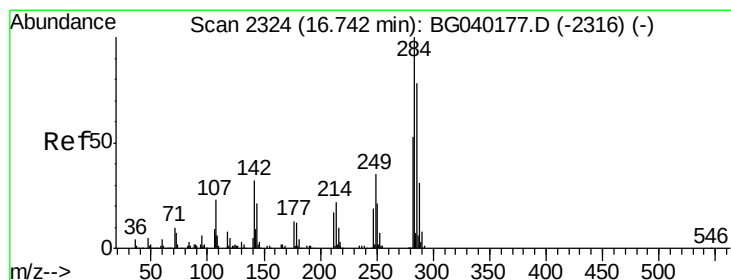
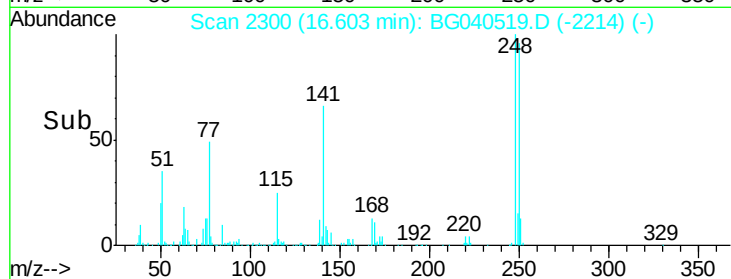
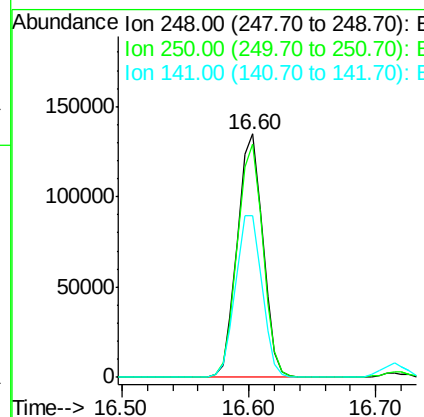
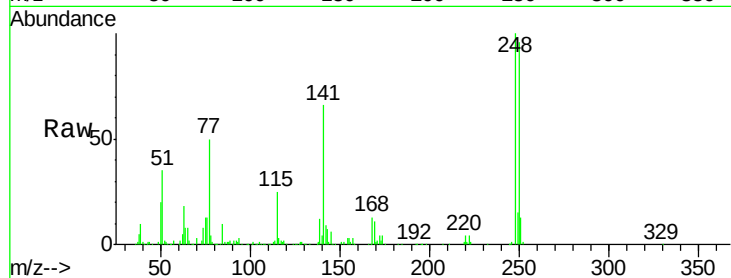




#67
4-Bromophenyl-phenylether
Concen: 39.746 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

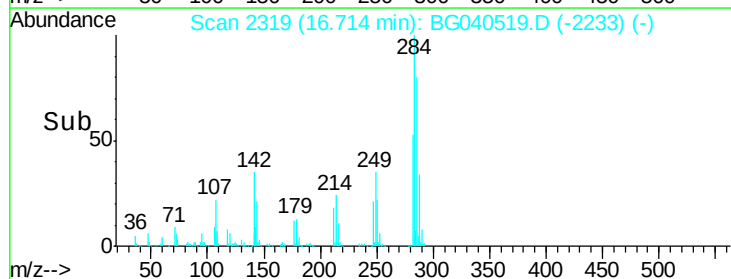
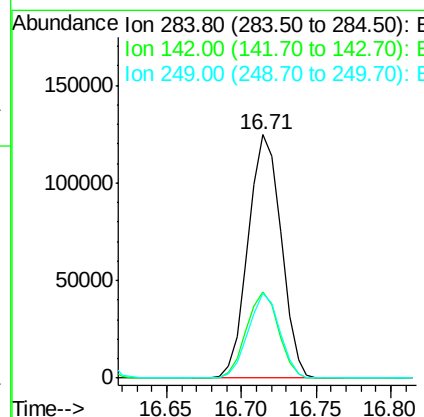
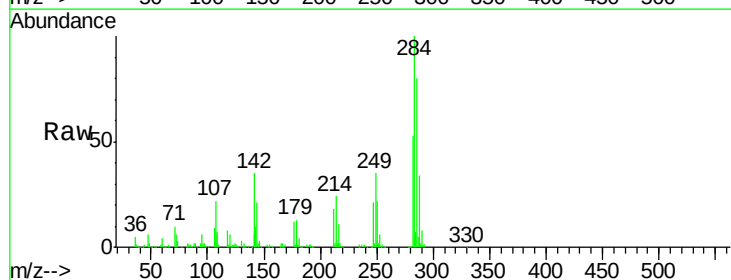
Instrument :
BNA_G
ClientSampled :

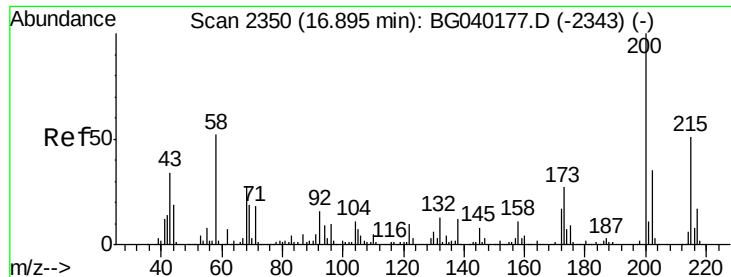
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	76.4	114.6
141	66.4	53.8	80.8



#68
Hexachlorobenzene
Concen: 40.261 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.3	25.3	37.9
249	35.1	28.2	42.2





#69

Atrazine

Concen: 40.184 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

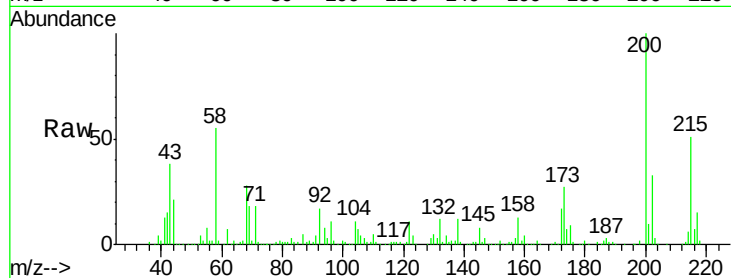
Tot Ion:200 Resp: 182845

Ion Ratio Lower Upper

200 100

173 27.4 7.1 47.1

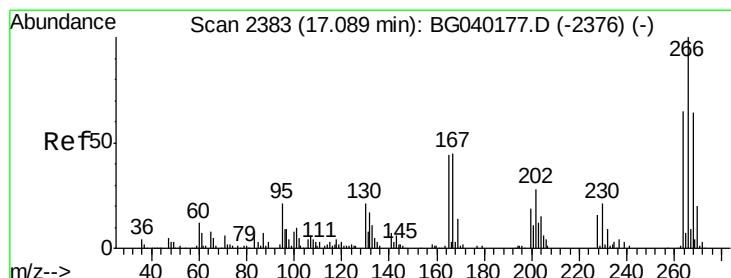
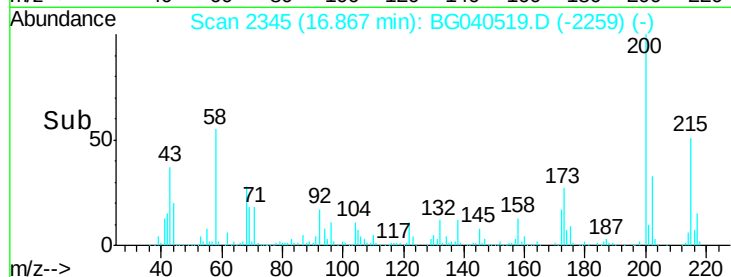
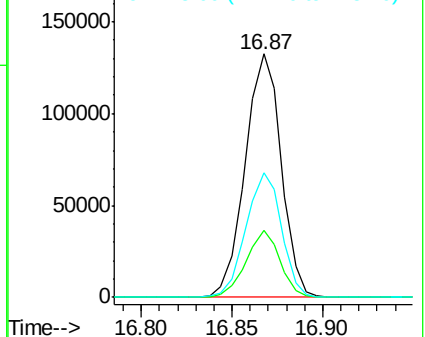
215 51.3 30.9 70.9



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: 62.613 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.02 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

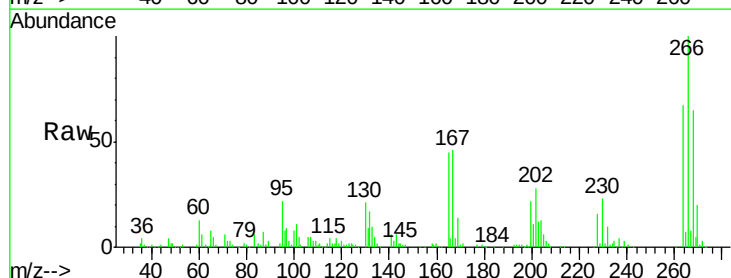
Tgt Ion:266 Resp: 171207

Ion Ratio Lower Upper

266 100

268 64.9 55.0 82.4

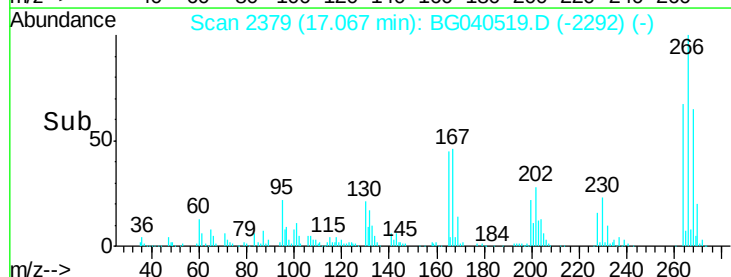
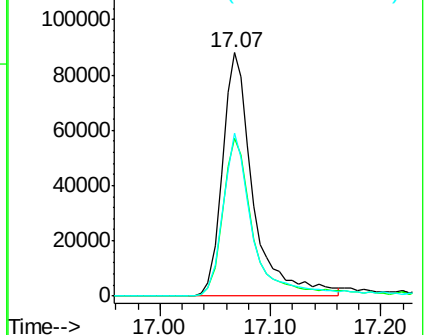
264 67.1 51.8 77.8

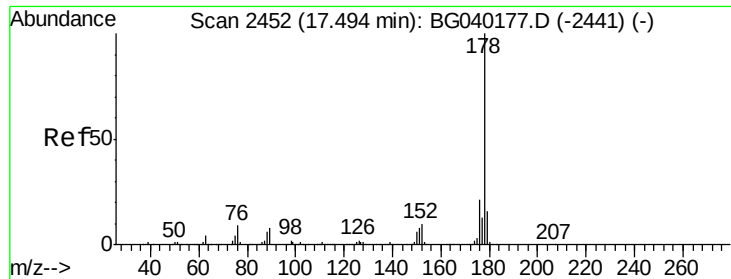


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

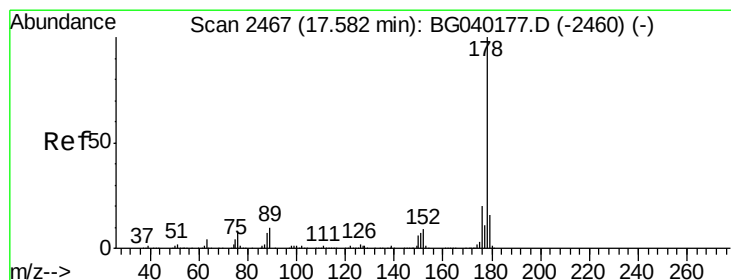
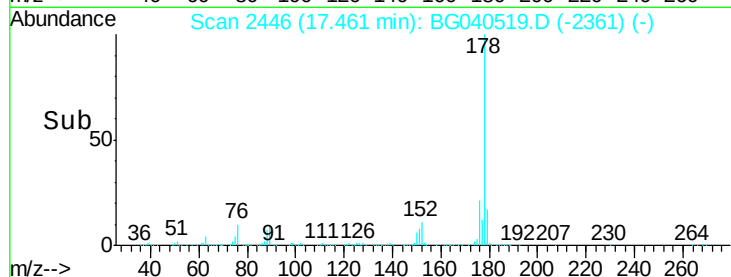
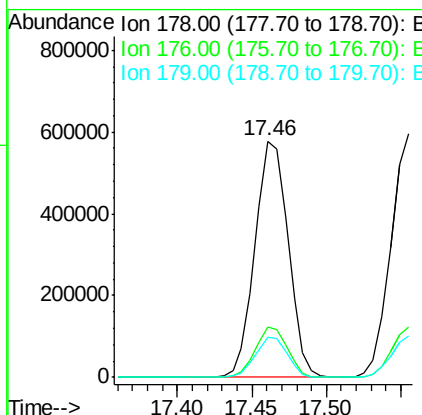
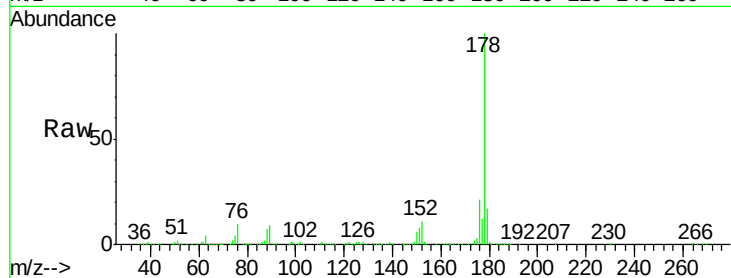




#71
Phenanthrene
Concen: 40.354 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

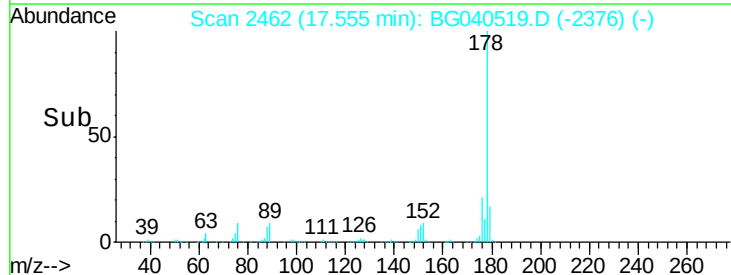
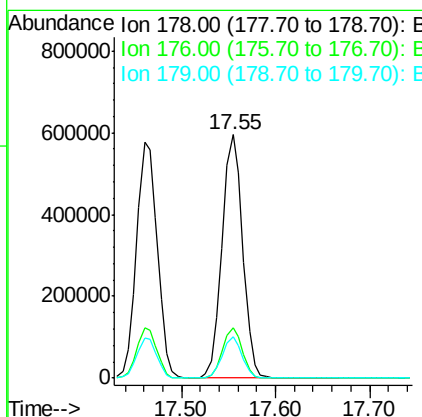
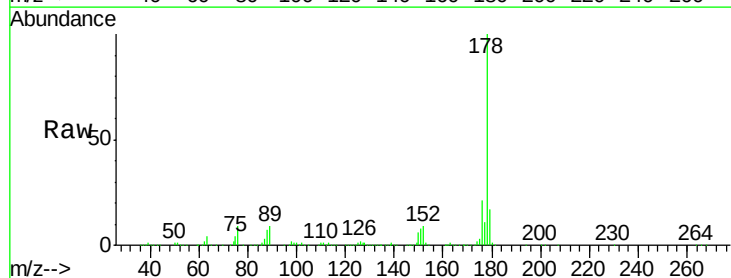
Instrument :
BNA_G
ClientSampleId :

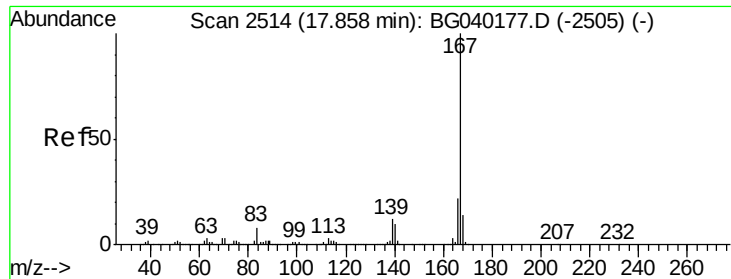
Tot Ion:178 Resp: 886605
Ion Ratio Lower Upper
178 100
176 21.1 16.7 25.1
179 16.7 12.8 19.2



#72
Anthracene
Concen: 41.513 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Tgt Ion:178 Resp: 912923
Ion Ratio Lower Upper
178 100
176 20.5 15.9 23.9
179 16.8 12.9 19.3

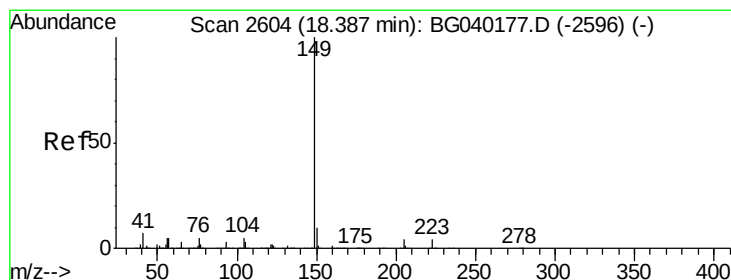
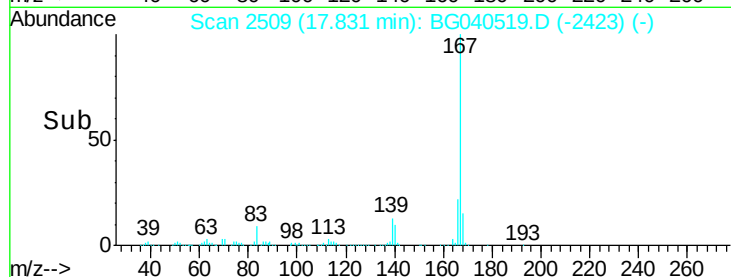
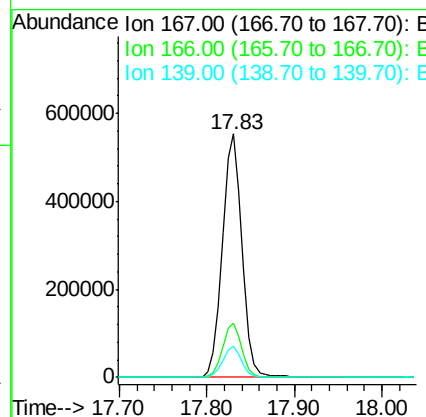
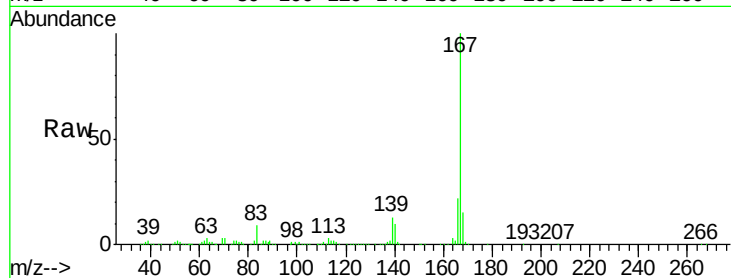




#73
 Carbazole
 Concen: 41.339 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

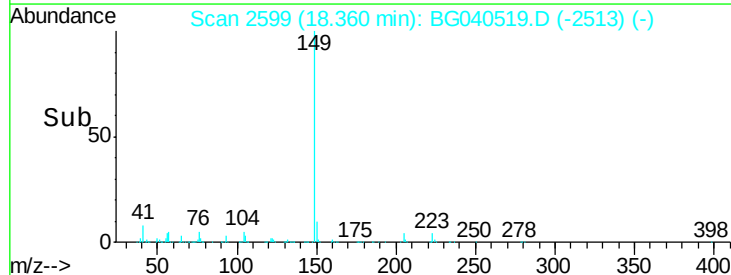
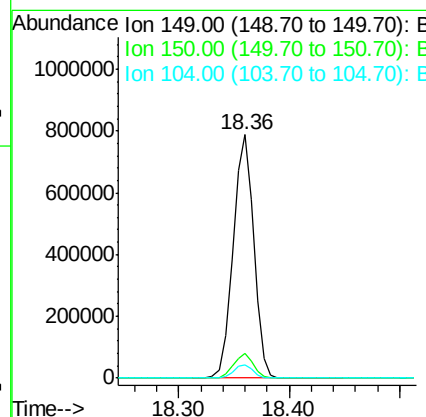
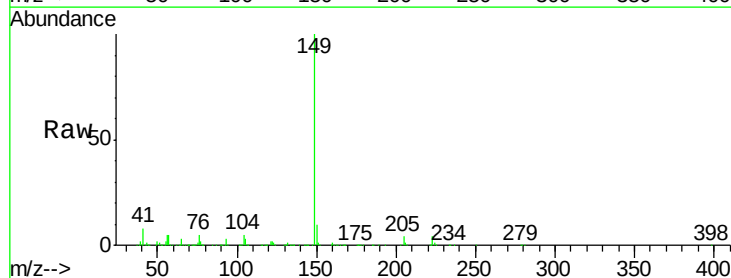
Instrument :
 BNA_G
 ClientSampleId :

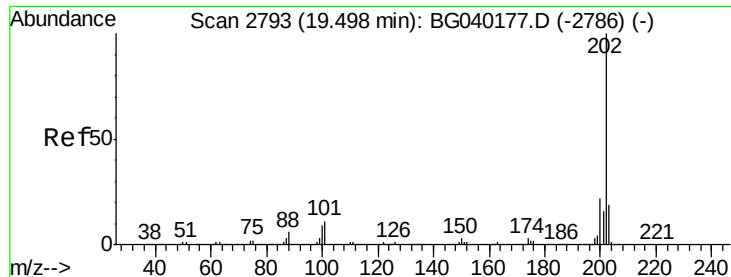
Tot Ion:167 Resp: 860348
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.5 26.3
 139 12.9 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 41.835 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Tgt Ion:149 Resp: 1032049
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.9 11.9
 104 5.2 4.1 6.1





#75

Fluoranthene

Concen: 41.829 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

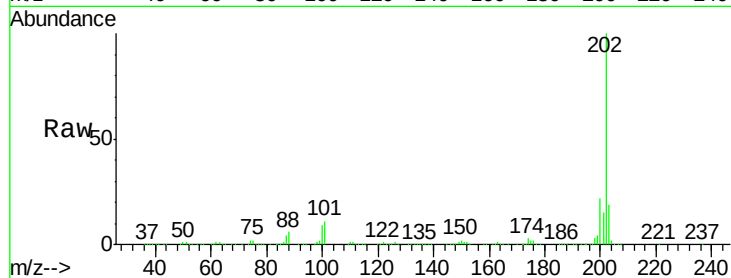
Tot Ion:202 Resp: 1088240

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.8

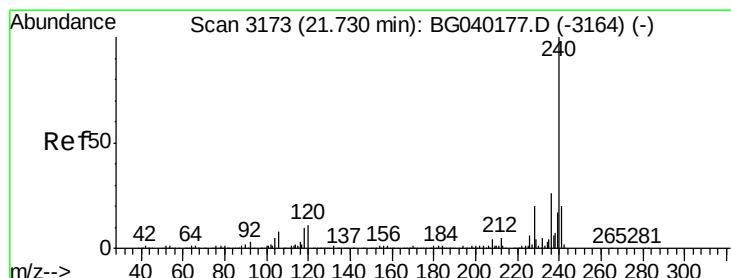
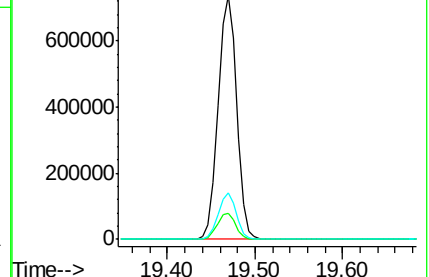
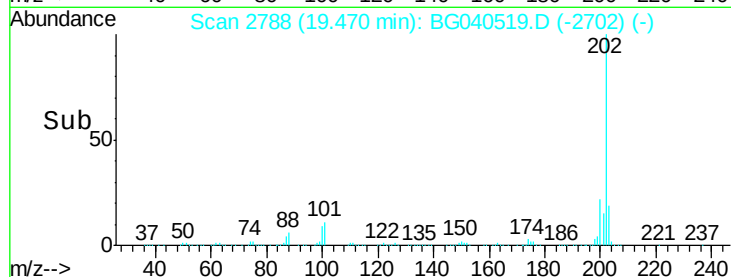
203 19.2 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

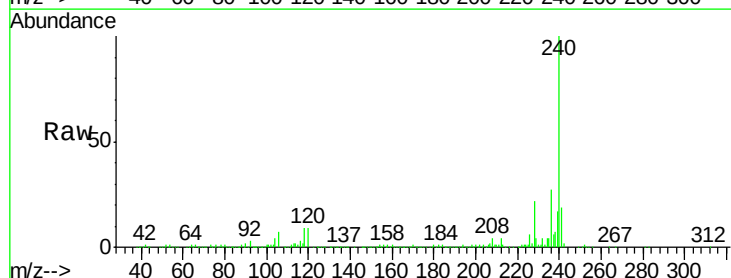
Tgt Ion:240 Resp: 405103

Ion Ratio Lower Upper

240 100

120 9.4 8.4 12.6

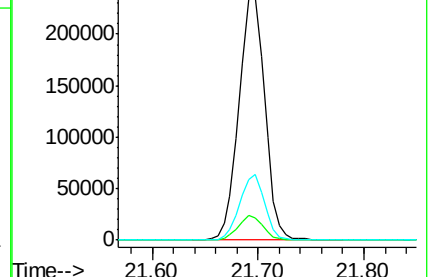
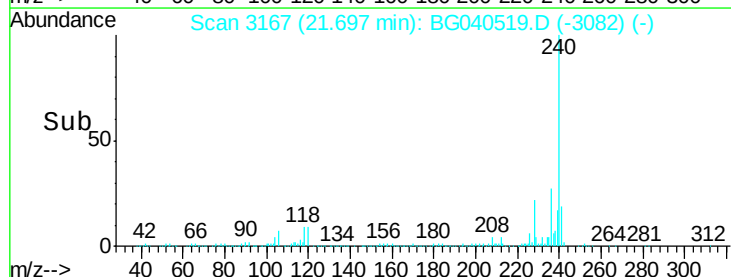
236 26.9 20.8 31.2

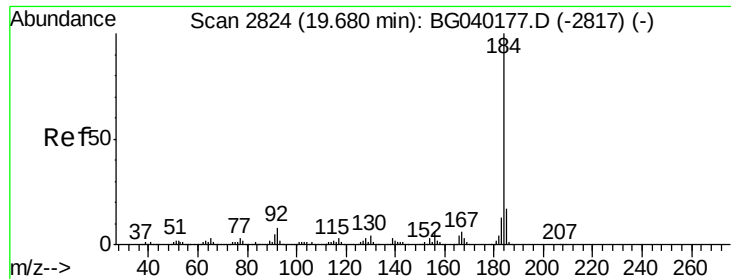


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.429 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampled :

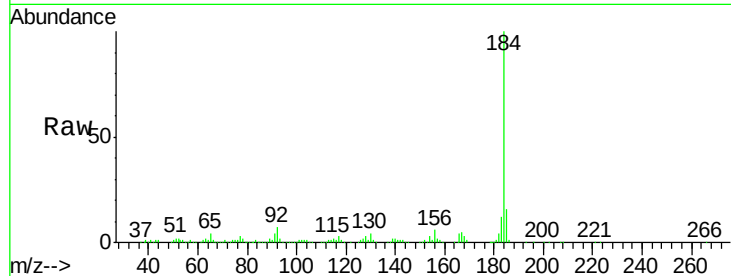
Tot Ion:184 Resp: 357359

Ion Ratio Lower Upper

184 100

185 15.5 13.3 19.9

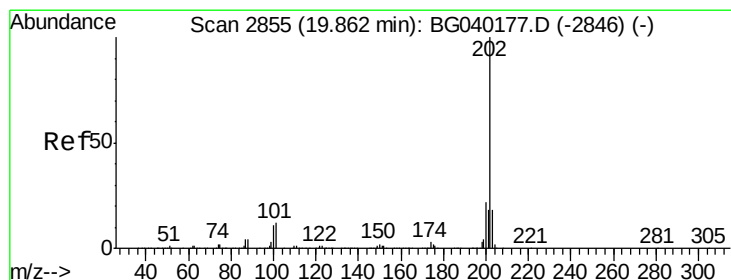
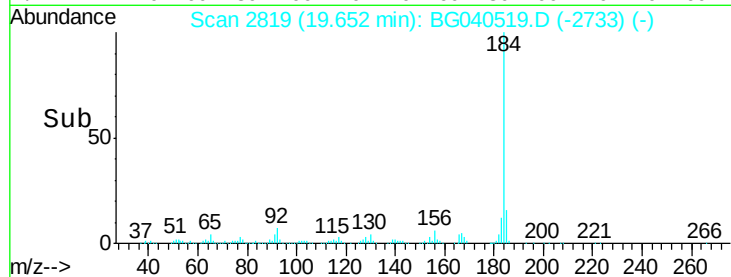
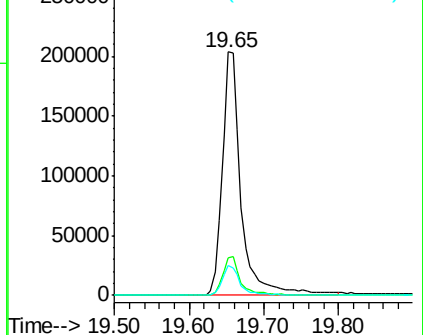
183 12.0 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.664 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

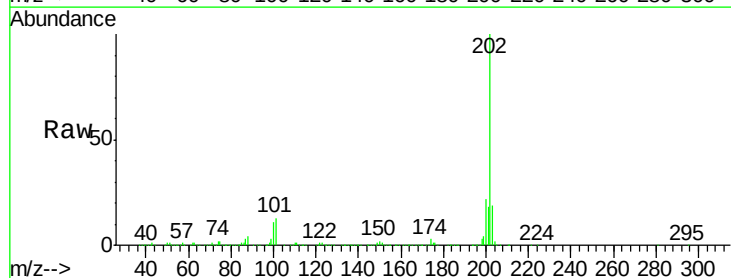
Tgt Ion:202 Resp: 1056648

Ion Ratio Lower Upper

202 100

200 21.9 17.3 25.9

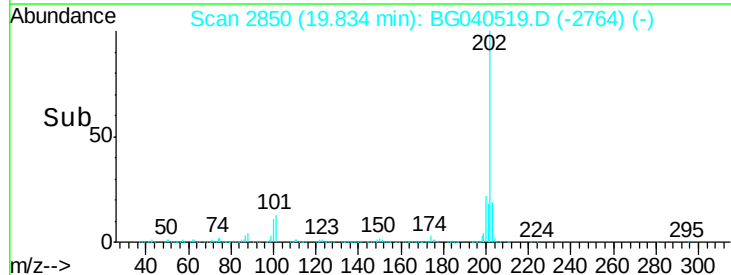
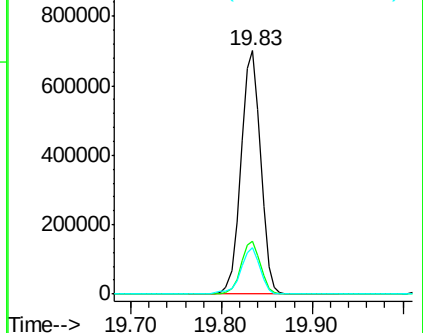
203 18.9 14.6 22.0

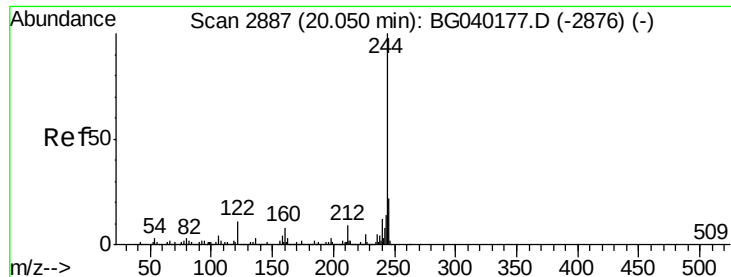


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.925 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampled :

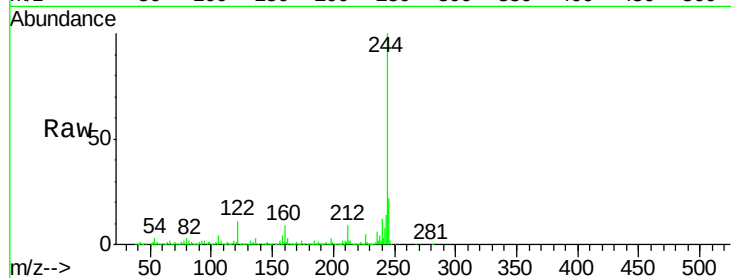
Tot Ion:244 Resp: 1511271

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

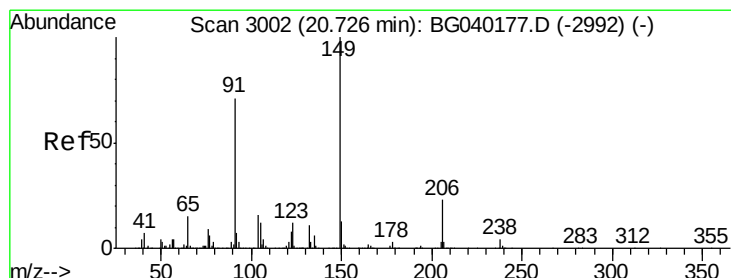
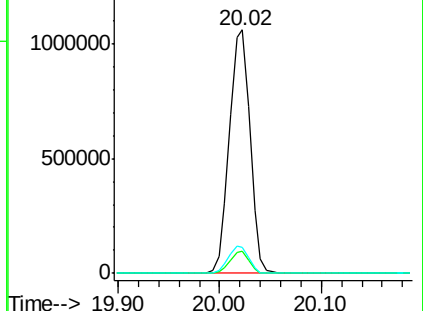
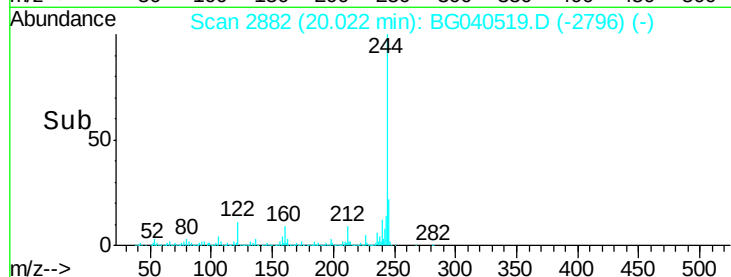
122 10.7 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.706 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

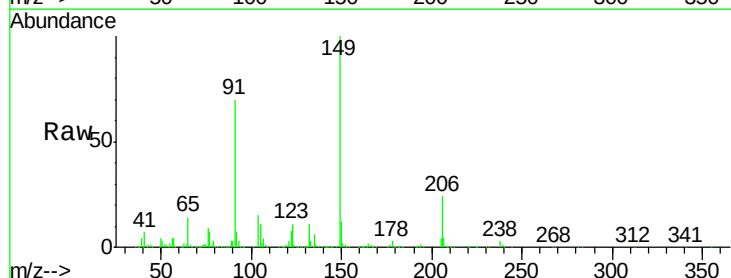
Tgt Ion:149 Resp: 475434

Ion Ratio Lower Upper

149 100

91 69.9 57.0 85.4

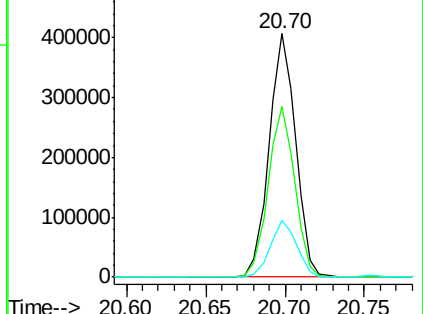
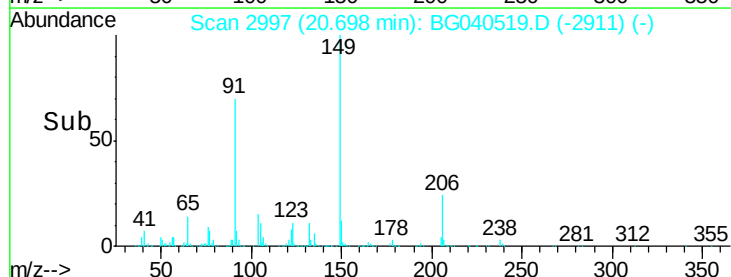
206 23.6 18.2 27.4

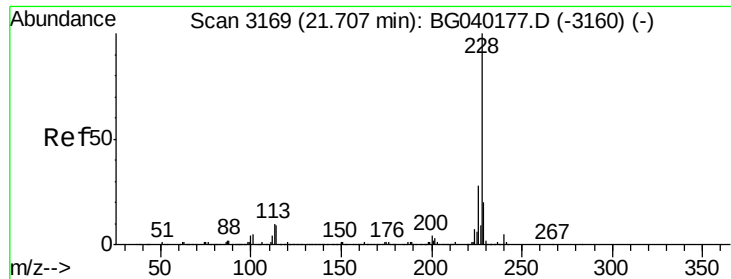


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

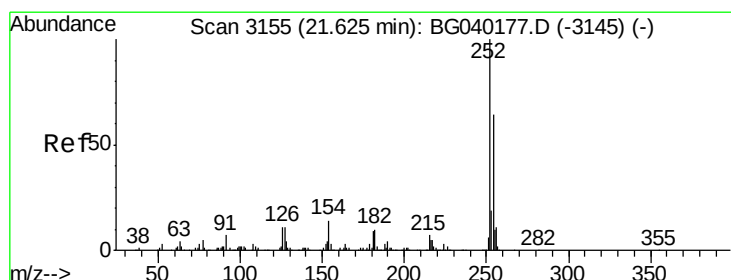
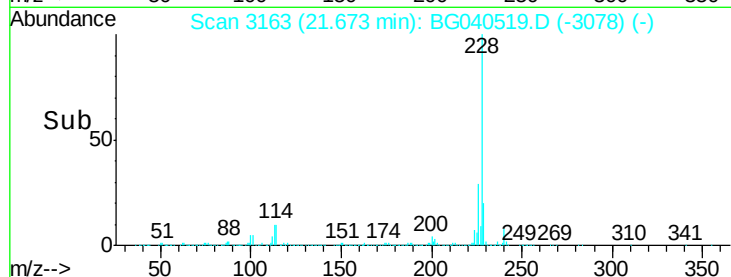
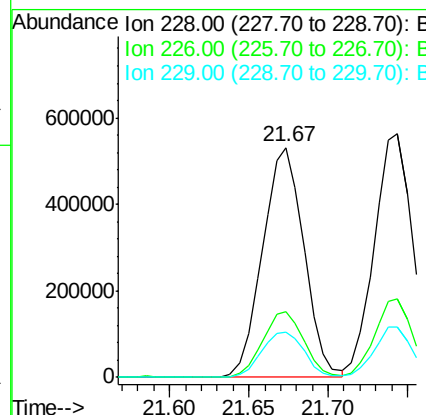
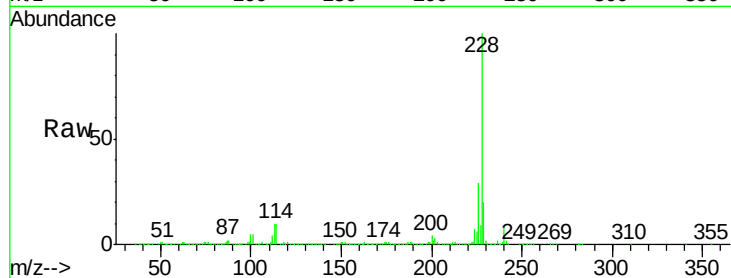




#81
Benzo(a)anthracene
Concen: 38.702 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

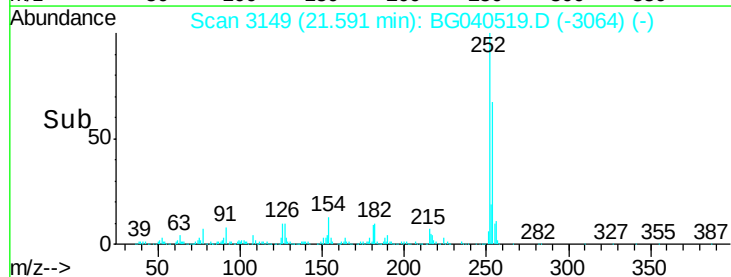
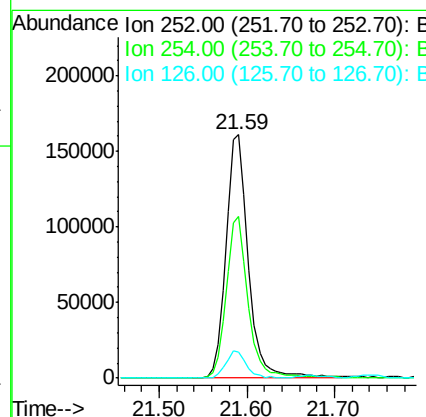
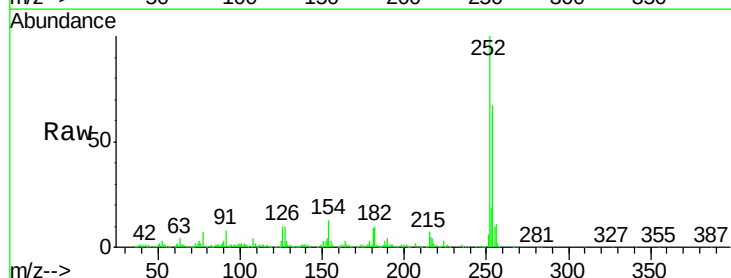
Instrument :
BNA_G
ClientSampleId :

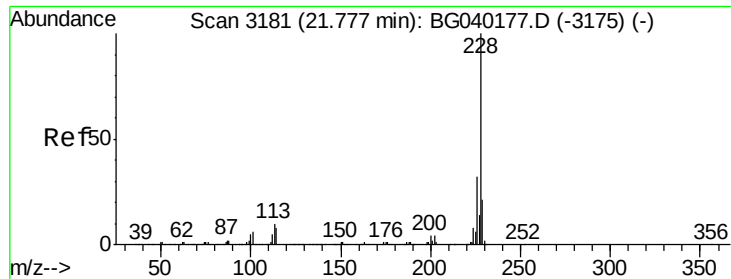
Tot Ion:228 Resp: 965693
Ion Ratio Lower Upper
228 100
226 28.6 22.6 34.0
229 19.9 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 29.963 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Tgt Ion:252 Resp: 284408
Ion Ratio Lower Upper
252 100
254 66.6 51.4 77.2
126 10.5 8.5 12.7





#83

Chrysene

Concen: 39.319 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

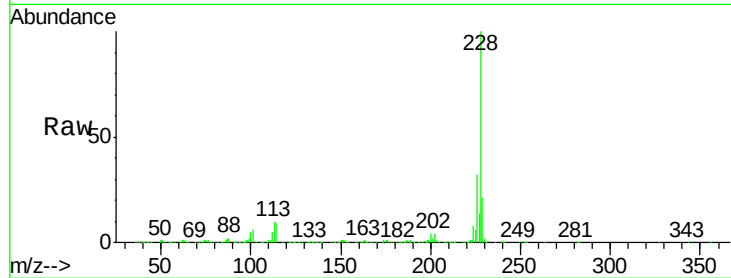
Tot Ion:228 Resp: 942893

Ion Ratio Lower Upper

228 100

226 32.0 25.4 38.0

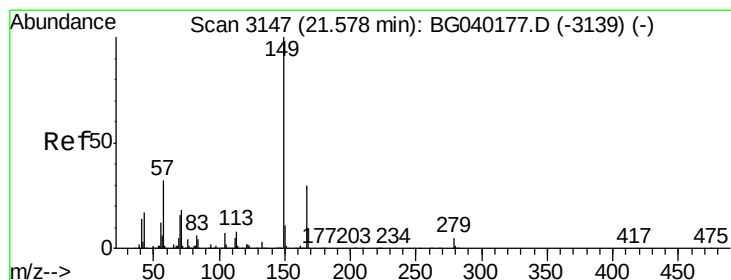
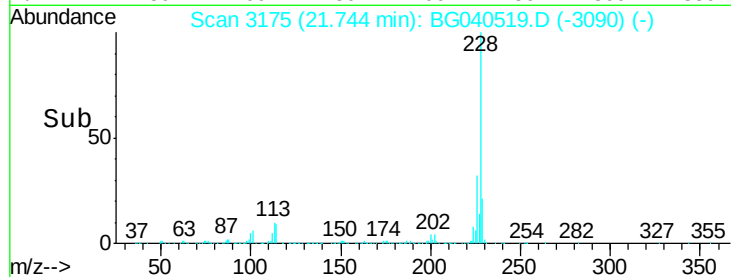
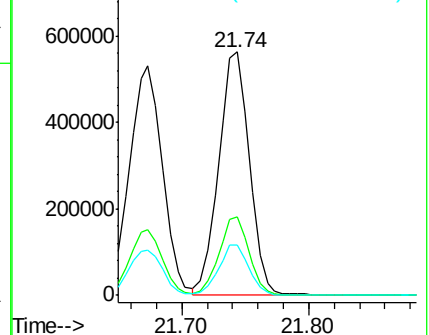
229 20.9 17.0 25.4



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: 41.953 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.04 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

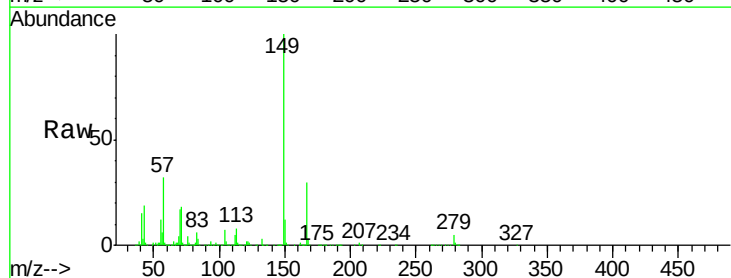
Tgt Ion:149 Resp: 683640

Ion Ratio Lower Upper

149 100

167 29.9 24.1 36.1

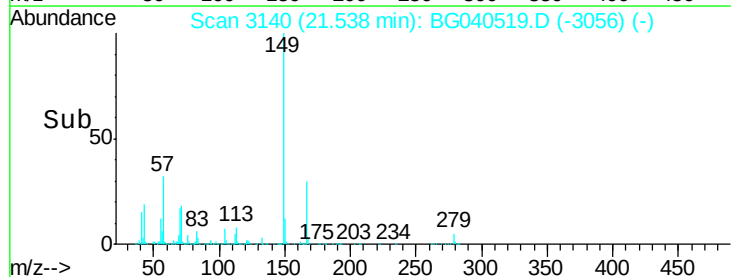
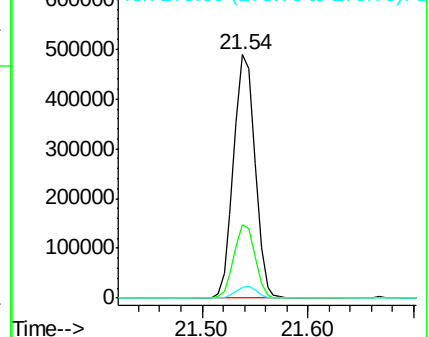
279 4.6 4.1 6.1

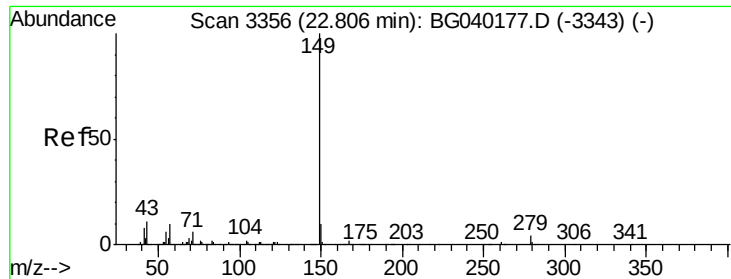


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

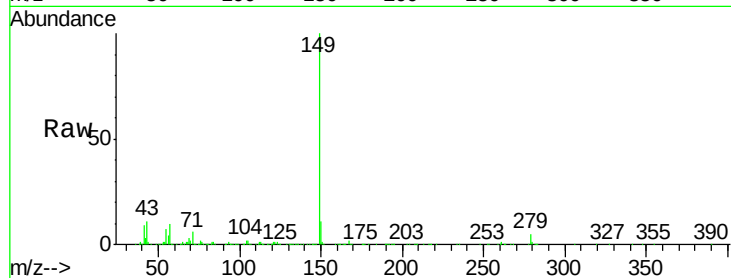




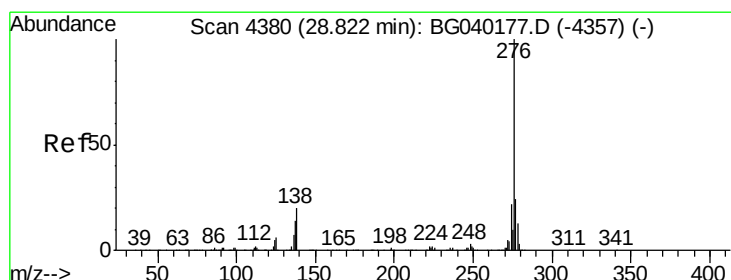
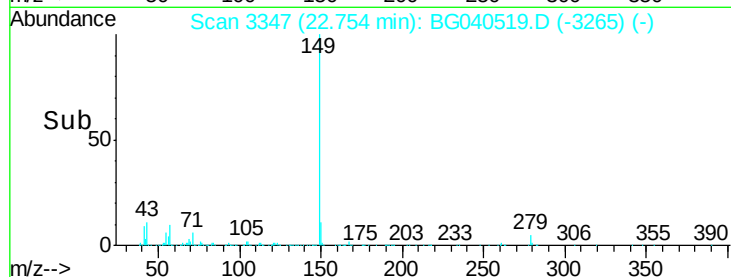
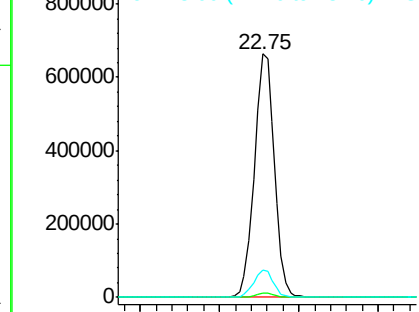
#85
Di-n-octyl phthalate
Concen: 41.897 ng
RT: 22.75 min Scan# 3347
Delta R.T. -0.05 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1163216
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 11.0 8.7 13.1

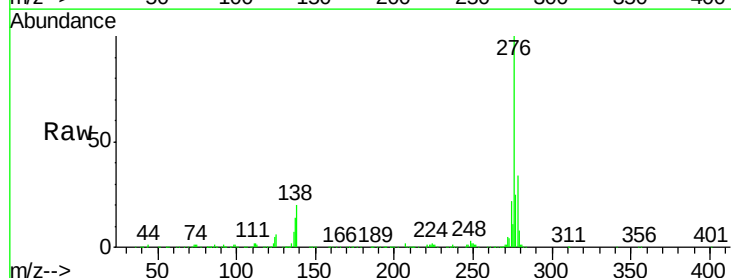


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

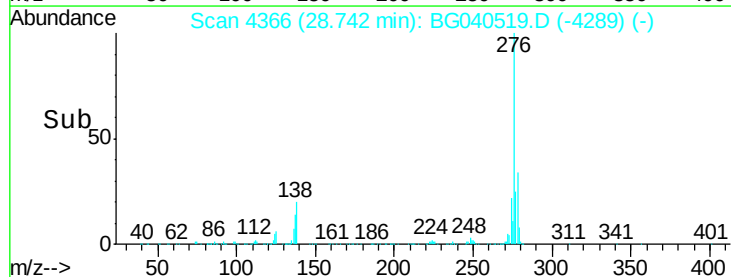
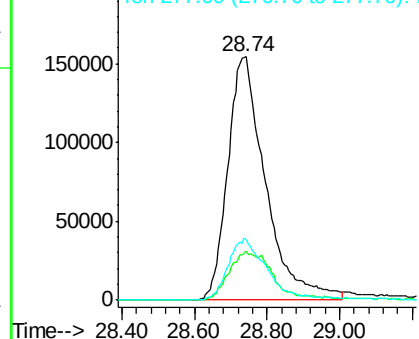


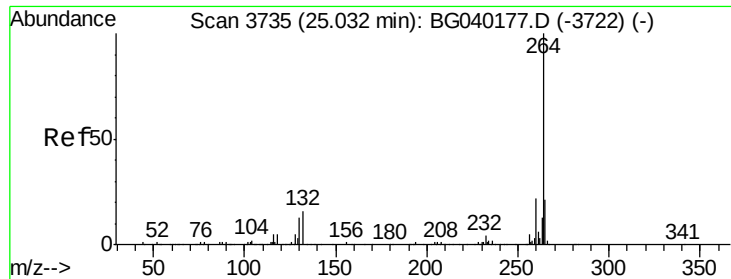
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.143 ng
RT: 28.74 min Scan# 4366
Delta R.T. -0.08 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Tgt Ion:276 Resp: 1118731
Ion Ratio Lower Upper
276 100
138 22.3 18.8 28.2
277 24.7 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# 3724

Delta R.T. -0.06 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

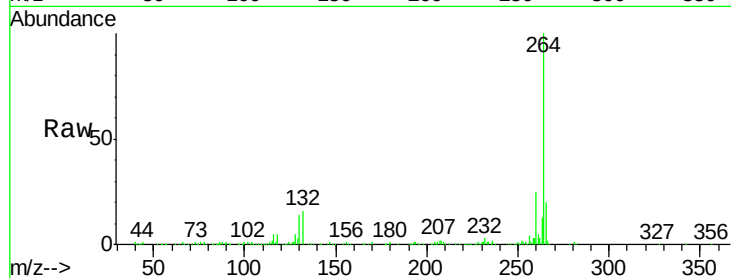
Tot Ion:264 Resp: 384807

Ion Ratio Lower Upper

264 100

260 24.7 17.9 26.9

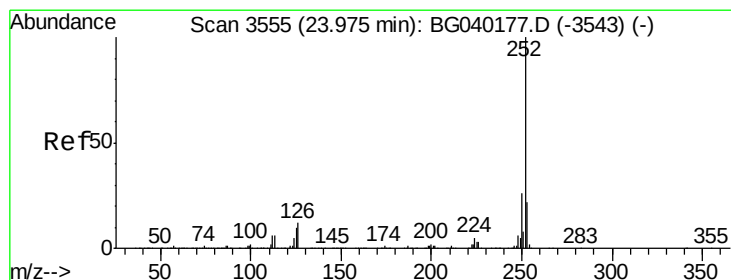
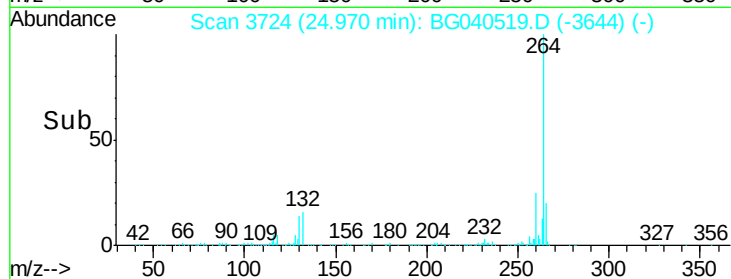
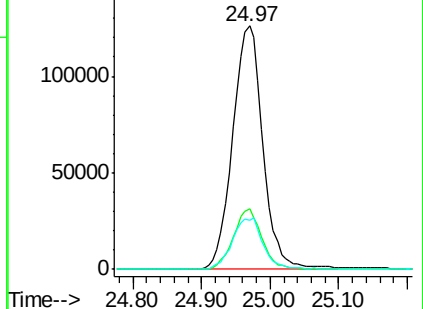
265 20.3 16.8 25.2



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: 43.048 ng

RT: 23.92 min Scan# 3546

Delta R.T. -0.05 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

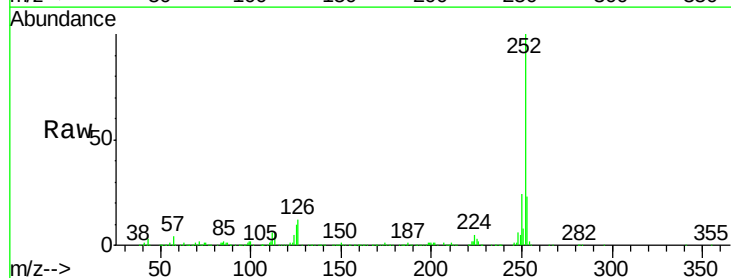
Tgt Ion:252 Resp: 1014190

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

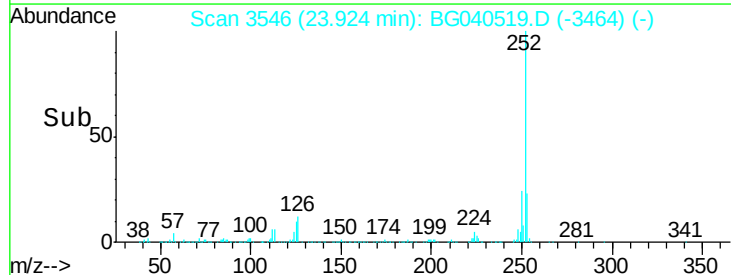
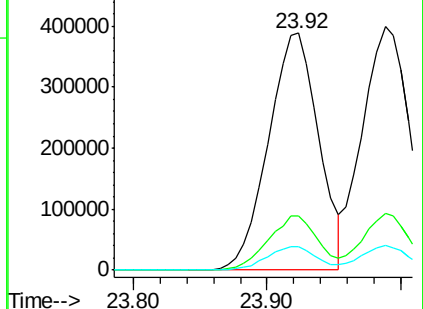
125 9.8 8.2 12.4

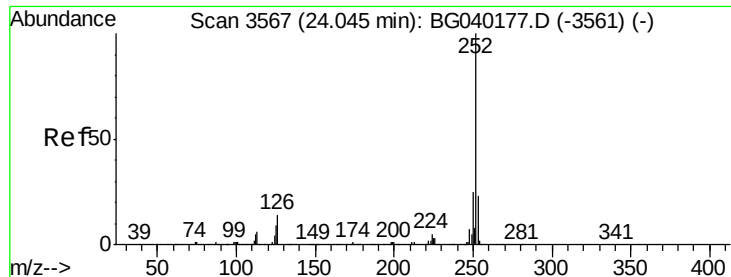


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 45.875 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.06 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

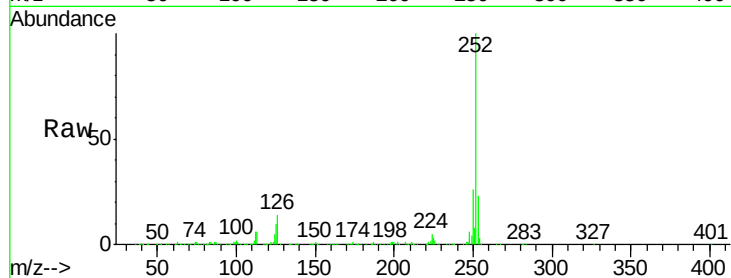
Tot Ion:252 Resp: 993897

Ion Ratio Lower Upper

252 100

253 23.1 18.6 28.0

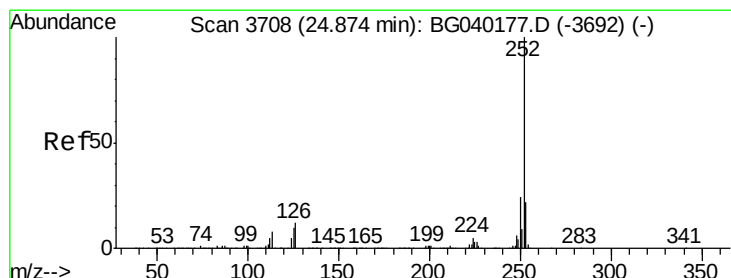
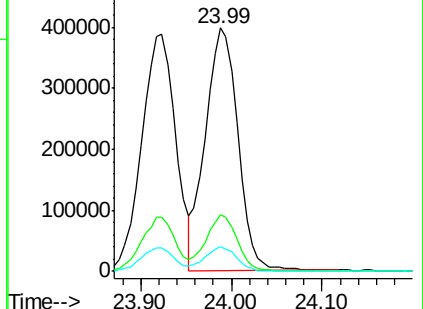
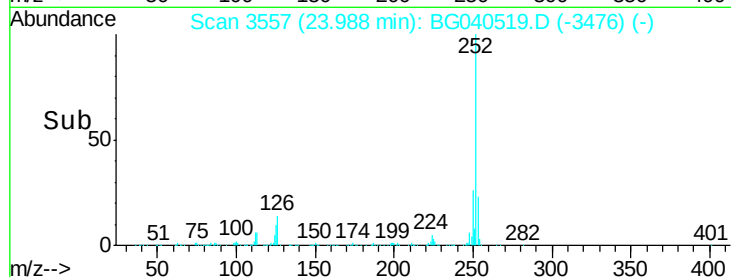
125 10.1 7.3 10.9



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: 44.766 ng

RT: 24.82 min Scan# 3698

Delta R.T. -0.06 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

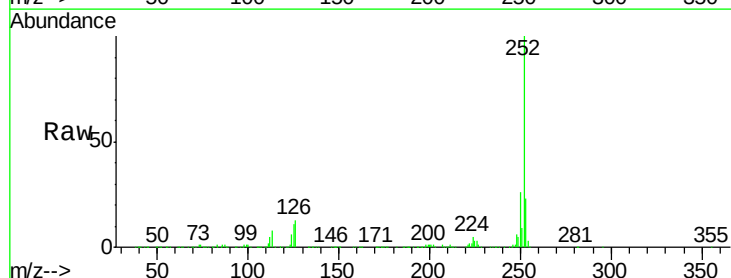
Tgt Ion:252 Resp: 989545

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

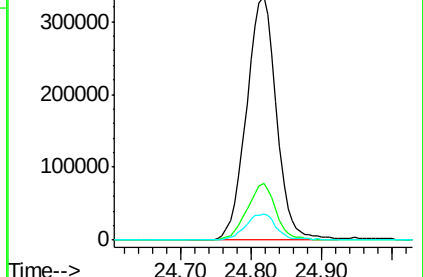
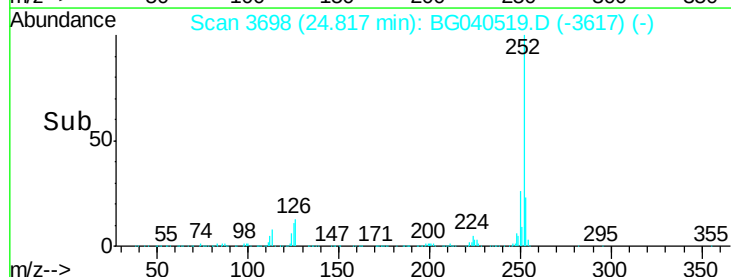
125 10.7 8.3 12.5

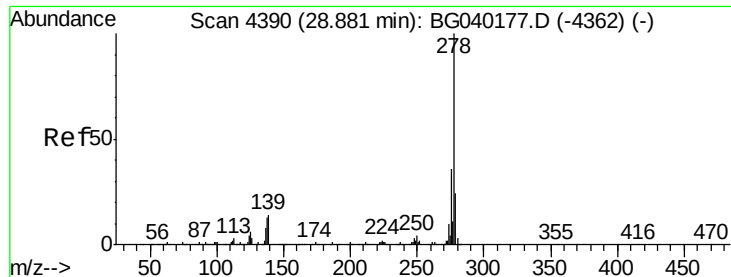


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 44.261 ng

RT: 28.79 min Scan# 4375

Delta R.T. -0.09 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

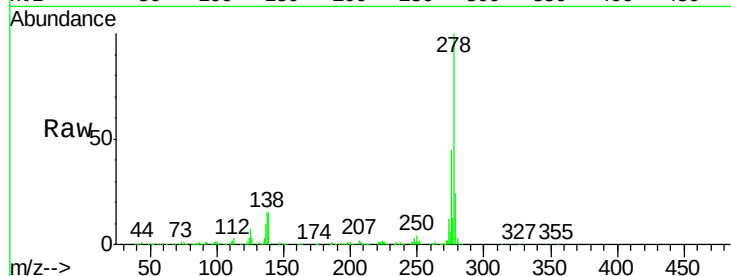
Tot Ion:278 Resp: 908685

Ion Ratio Lower Upper

278 100

139 14.6 11.2 16.8

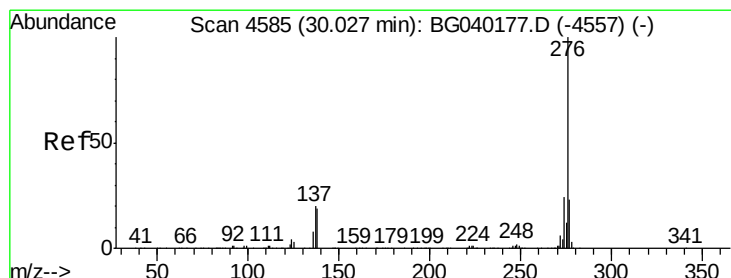
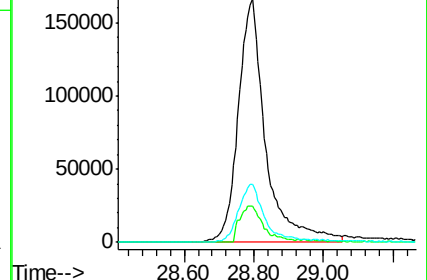
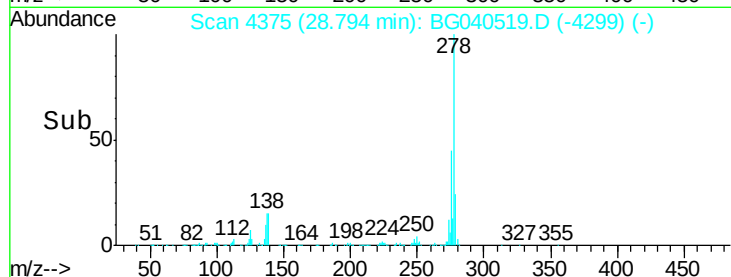
279 23.7 18.9 28.3



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: 42.836 ng

RT: 29.91 min Scan# 4565

Delta R.T. -0.12 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

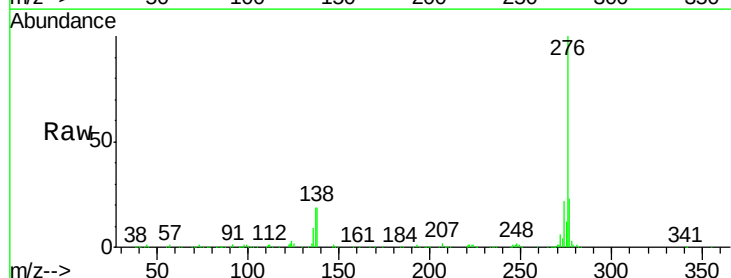
Tgt Ion:276 Resp: 903788

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 19.3 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

