

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040359.D
 Acq On : 4 Apr 2019 13:55
 Operator : JU/SJ
 Sample : K1695-08MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 17:03:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 13:35:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	65604	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	259342	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	160813	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	383584	20.00	ng	0.00
76) Chrysene-d12	21.70	240	411602	20.00	ng	0.00
87) Perylene-d12	24.98	264	430692	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	408343	103.47	ng	0.00
7) Phenol-d6	7.20	99	570162	104.54	ng	0.00
23) Nitrobenzene-d5	9.22	82	334285	68.51	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	207148	119.19	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	716213	65.99	ng	0.00
79) Terphenyl-d14	20.02	244	1152690	63.00	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.50	88	52799	28.454	ng	97
3) Pyridine	3.90	79	138706	27.763	ng	97
4) n-Nitrosodimethylamine	3.82	42	71111	30.770	ng	98
6) Aniline	7.37	93	90643	12.792	ng	98
8) 2-Chlorophenol	7.61	128	150663	32.614	ng	96
9) Benzaldehyde	7.19	77	102853	27.493	ng	95
10) Phenol	7.23	94	200571	33.882	ng	95
11) bis(2-Chloroethyl)ether	7.47	93	151551	31.964	ng	97
12) 1,3-Dichlorobenzene	7.93	146	158386	31.540	ng	99
13) 1,4-Dichlorobenzene	8.08	146	159245	31.839	ng	98
14) 1,2-Dichlorobenzene	8.40	146	154495	32.301	ng	99
15) Benzyl Alcohol	8.29	79	134547	30.633	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	274362	30.151	ng	98
17) 2-Methylphenol	8.48	107	137840	33.650	ng	96
18) Hexachloroethane	9.12	117	57546	30.248	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	117211	29.975	ng	97
20) 3+4-Methylphenols	8.81	107	185987	33.516	ng	97
22) Acetophenone	8.88	105	229980	35.550	ng	# 99
24) Nitrobenzene	9.27	77	173359	34.312	ng	95
25) Isophorone	9.78	82	338797	33.748	ng	99
26) 2-Nitrophenol	9.98	139	84116	35.135	ng	92
27) 2,4-Dimethylphenol	10.02	122	150632	39.611	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	201822	33.980	ng	99
29) 2,4-Dichlorophenol	10.51	162	154279	37.377	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	157821	34.821	ng	98
31) Naphthalene	10.91	128	466819	35.117	ng	100
32) Benzoic acid	10.14	122	41140	17.905	ng	89
33) 4-Chloroaniline	11.03	127	64549	11.384	ng	98
34) Hexachlorobutadiene	11.18	225	93504	32.258	ng	96
35) Caprolactam	11.81	113	40379	24.651	ng	88
36) 4-Chloro-3-methylphenol	12.14	107	174566	36.787	ng	97
37) 2-Methylnaphthalene	12.51	142	347689	35.365	ng	99
38) 1-Methylnaphthalene	12.73	142	328046	34.410	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	177278	34.684	ng	99

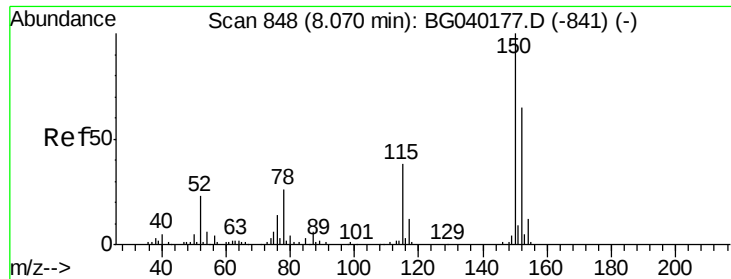
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 13:35:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	200283	71.366	nq	96
43) 2,4,6-Trichlorophenol	13.11	196	126390	38.354	nq	92
44) 2,4,5-Trichlorophenol	13.19	196	138117	38.453	nq	98
46) 1,1'-Biphenyl	13.51	154	440081	34.635	nq	98
47) 2-Chloronaphthalene	13.56	162	346605	35.562	nq	99
48) 2-Nitroaniline	13.77	65	115706	35.195	nq	98
49) Acenaphthylene	14.41	152	567974	34.370	nq	98
50) Dimethylphthalate	14.13	163	498655	39.620	nq	99
51) 2,6-Dinitrotoluene	14.26	165	100888	35.700	nq	95
52) Acenaphthene	14.74	154	328283	34.669	nq	99
53) 3-Nitroaniline	14.60	138	40683	13.600	nq	95
54) 2,4-Dinitrophenol	14.80	184	110776	73.707	nq	97
55) Dibenzofuran	15.08	168	540214	35.504	nq	98
56) 4-Nitrophenol	14.90	139	177631	73.575	nq	97
57) 2,4-Dinitrotoluene	15.05	165	144742	36.861	nq	98
58) Fluorene	15.72	166	424645	35.497	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	130967	40.181	nq	# 99
60) Diethylphthalate	15.48	149	462532	35.914	nq	100
61) 4-Chlorophenyl-phenylether	15.71	204	228238	35.693	nq	97
62) 4-Nitroaniline	15.76	138	112703	35.107	nq	99
63) Azobenzene	16.00	77	424267	34.924	nq	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	80126	37.181	nq	96
66) n-Nitrosodiphenylamine	15.93	169	400918	35.717	nq	98
67) 4-Bromophenyl-phenylether	16.60	248	147136	34.086	nq	97
68) Hexachlorobenzene	16.72	284	153685	35.410	nq	98
69) Atrazine	16.87	200	150571	36.061	nq	98
70) Pentachlorophenol	17.07	266	183919	73.297	nq	99
71) Phenanthrene	17.47	178	724965	35.957	nq	99
72) Anthracene	17.56	178	734215	36.383	nq	99
73) Carbazole	17.83	167	720294	37.715	nq	98
74) Di-n-butylphthalate	18.36	149	817978	36.132	nq	99
75) Fluoranthene	19.47	202	897616	37.598	nq	98
77) Benzidine	19.66	184	272242	18.316	nq	99
78) Pyrene	19.84	202	904360	33.411	nq	98
80) Butylbenzylphthalate	20.71	149	406993	35.139	nq	99
81) Benzo(a)anthracene	21.67	228	855238	33.734	nq	98
82) 3,3'-Dichlorobenzidine	21.59	252	149141	15.464	nq	99
83) Chrysene	21.75	228	847766	34.794	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	579467	34.999	nq	100
85) Di-n-octyl phthalate	22.77	149	1005479	35.644	nq	99
86) Indeno(1,2,3-cd)pyrene	28.74	276	1058063	35.505	nq	# 86
88) Benzo(b)fluoranthene	23.92	252	931835	35.339	nq	100
89) Benzo(k)fluoranthene	24.00	252	880132	36.296	nq	97
90) Benzo(a)pyrene	24.82	252	909436	36.759	nq	99
91) Dibenzo(a,h)anthracene	28.80	278	854183	37.174	nq	98
92) Benzo(g,h,i)perylene	29.93	276	882215	37.359	nq	98

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

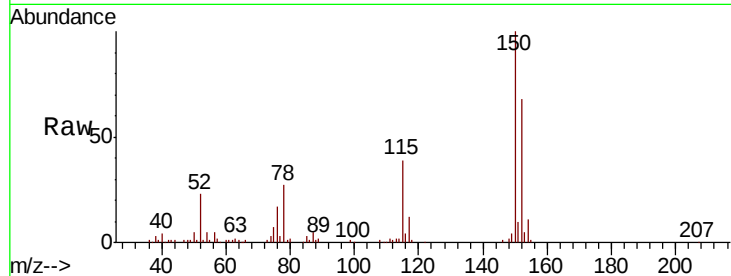


#1

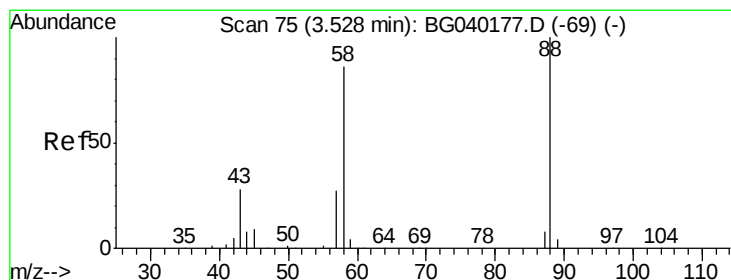
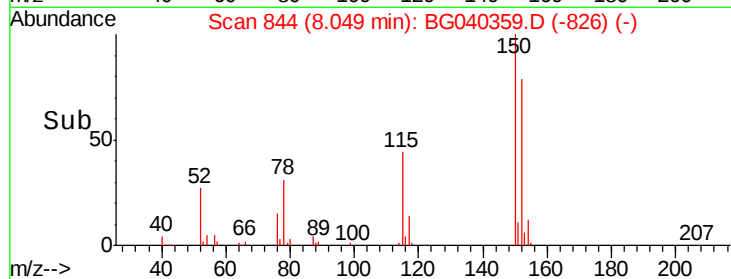
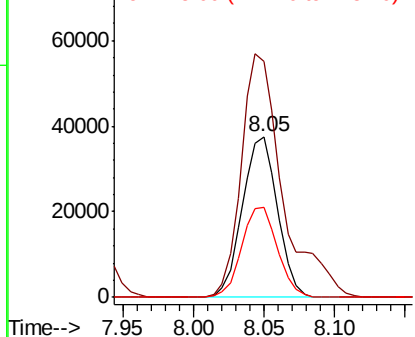
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.01 min
Lab File: BG040359.D
Acq: 4 Apr 2019 13:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 65604
Ion Ratio Lower Upper
152 100
150 146.7 128.2 192.2
115 56.5 47.0 70.4



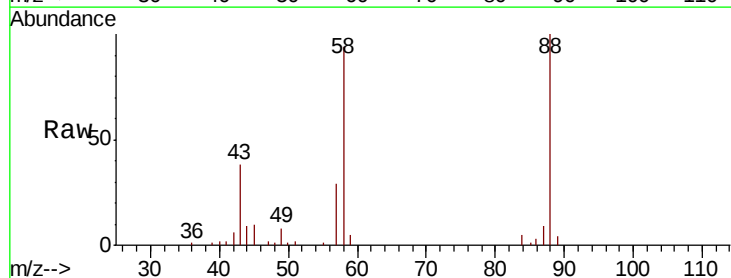
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



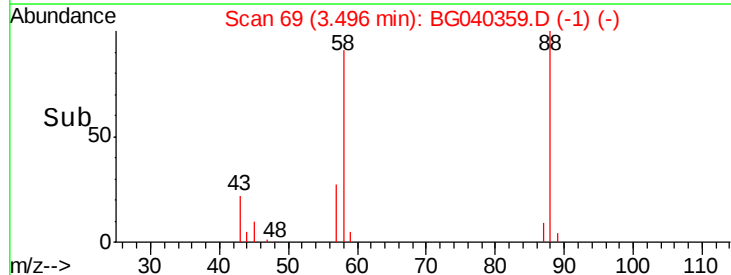
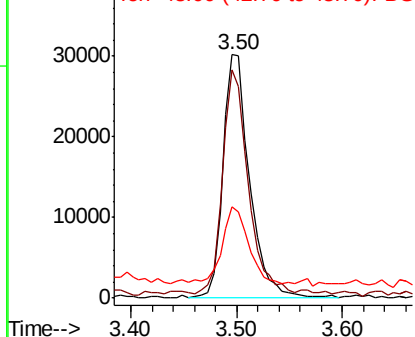
#2

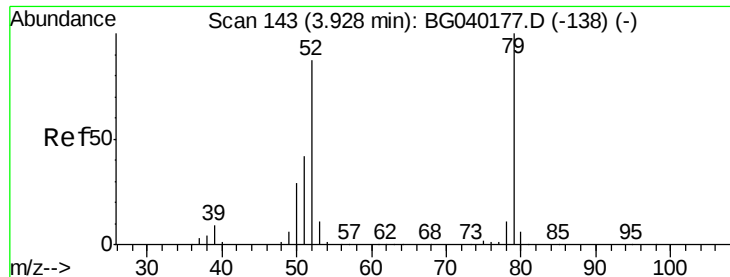
1,4-Dioxane
Concen: 28.454 ng
RT: 3.50 min Scan# 69
Delta R.T. -0.00 min
Lab File: BG040359.D
Acq: 4 Apr 2019 13:55

Tgt Ion: 88 Resp: 52799
Ion Ratio Lower Upper
88 100
58 88.4 68.9 103.3
43 33.5 24.6 36.8



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: 27.763 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

Instrument :

BNA_G

ClientSampleId :

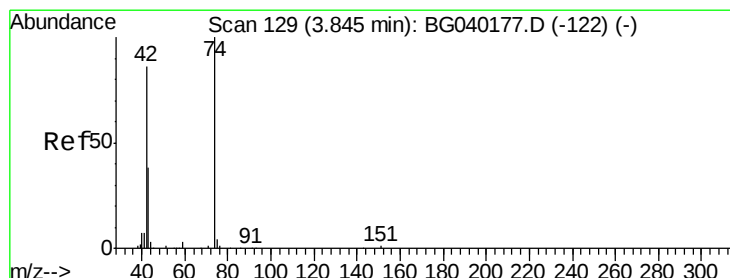
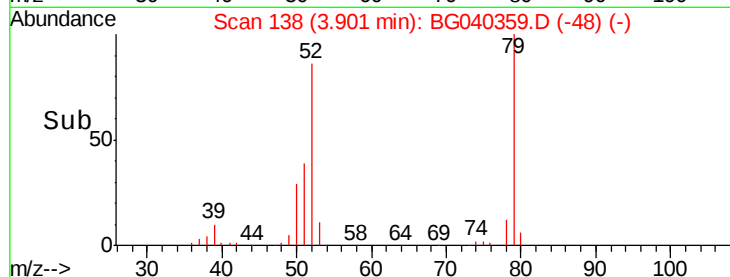
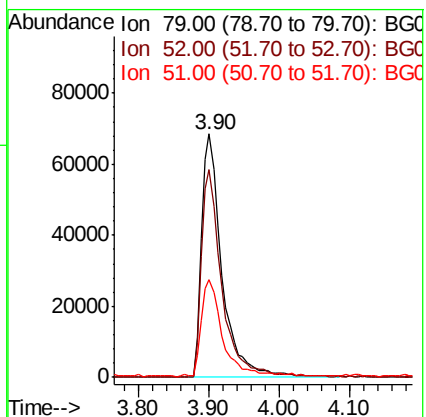
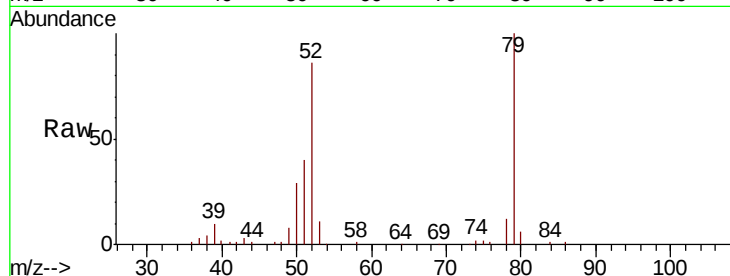
Tot Ion: 79 Resp: 138706

Ion Ratio Lower Upper

79 100

52 85.6 71.7 107.5

51 40.1 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 30.770 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

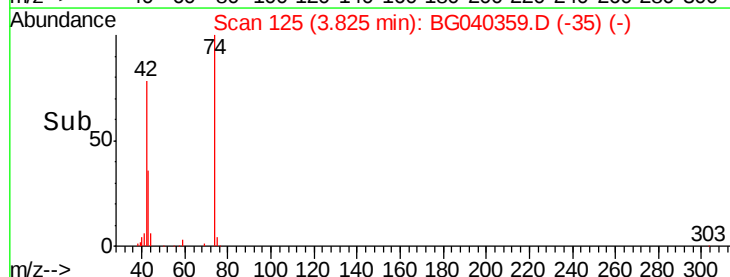
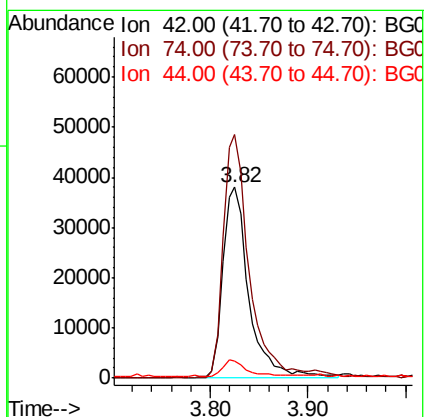
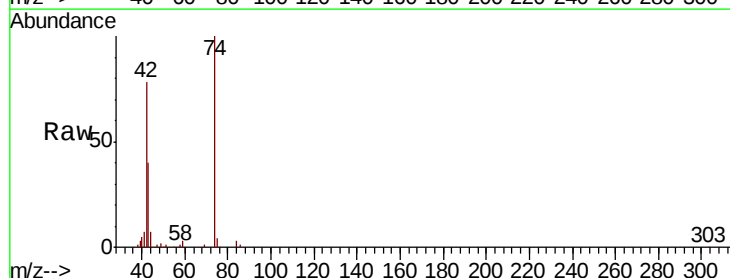
Tgt Ion: 42 Resp: 71111

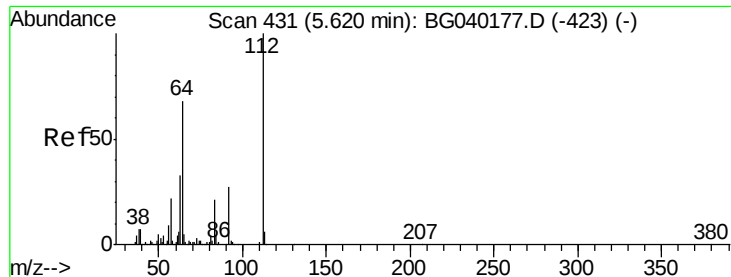
Ion Ratio Lower Upper

42 100

74 127.5 100.6 150.8

44 9.1 6.6 10.0





#5

2-Fluorophenol

Concen: 103.475 ng

RT: 5.61 min Scan# 428

Delta R.T. 0.01 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

Instrument :

BNA_G

ClientSampleId :

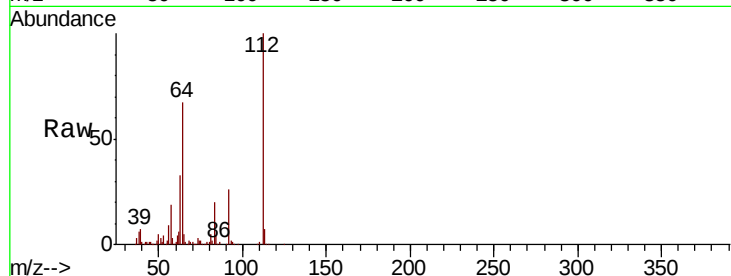
Tot Ion:112 Resp: 408343

Ion Ratio Lower Upper

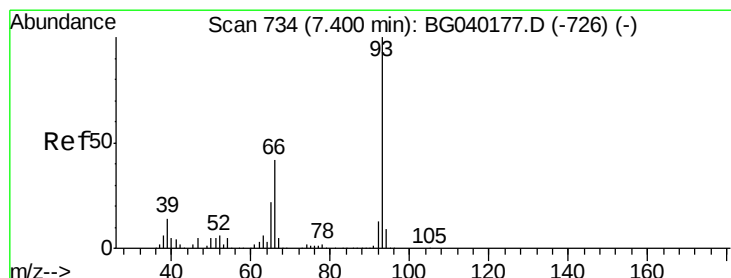
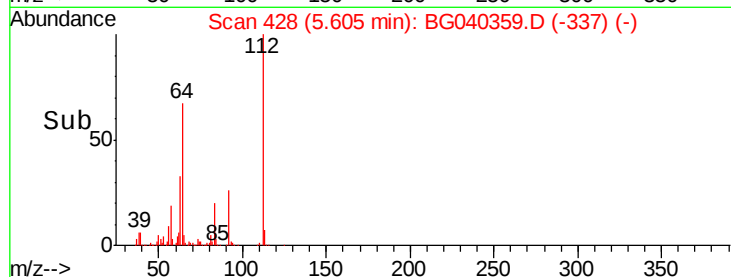
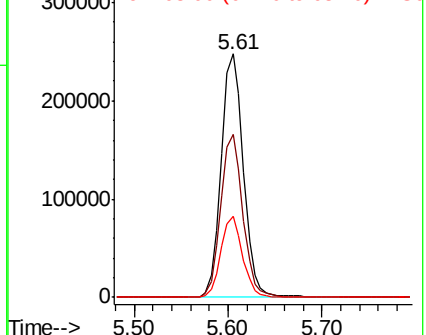
112 100

64 67.1 53.4 80.0

63 33.2 26.8 40.2



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: 12.792 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

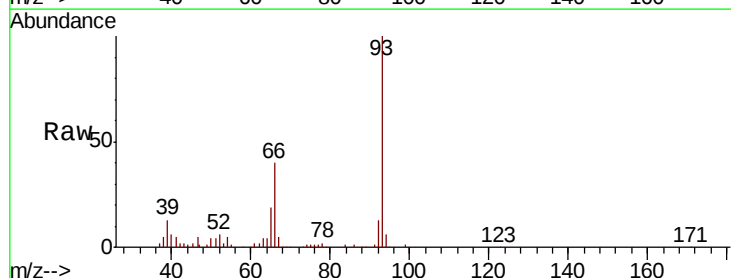
Tgt Ion: 93 Resp: 90643

Ion Ratio Lower Upper

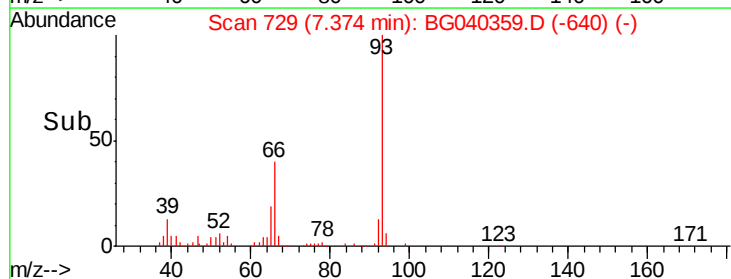
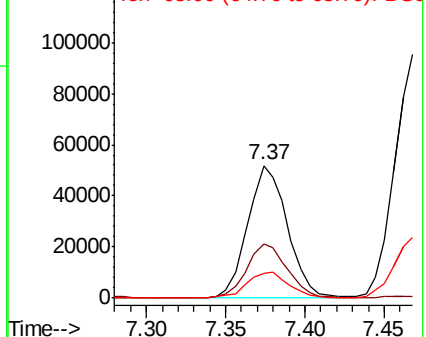
93 100

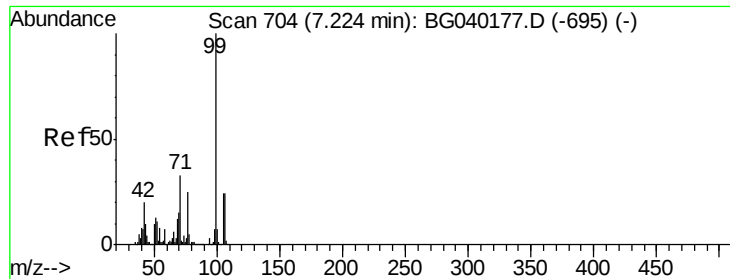
66 40.4 31.8 47.8

65 19.0 16.9 25.3



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: 104.543 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

Instrument :

BNA_G

ClientSampleId :

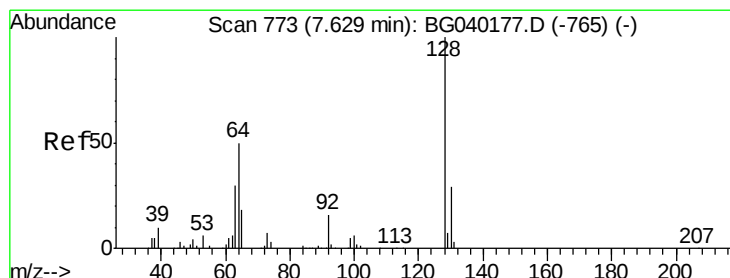
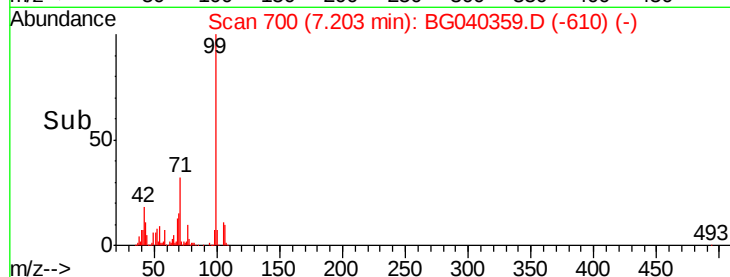
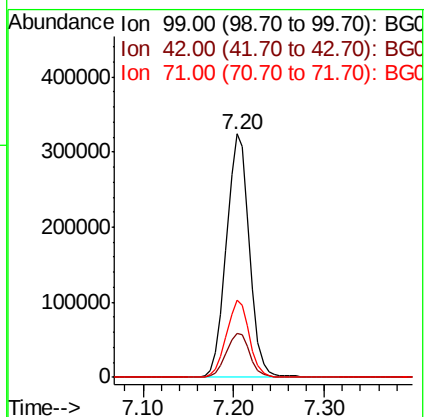
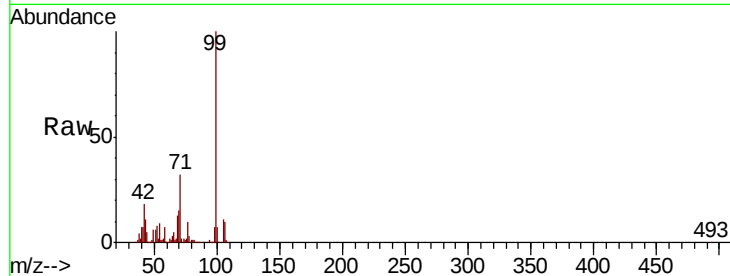
Tot Ion: 99 Resp: 570162

Ion Ratio Lower Upper

99 100

42 18.3 15.3 22.9

71 31.6 26.5 39.7



#8

2-Chlorophenol

Concen: 32.614 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

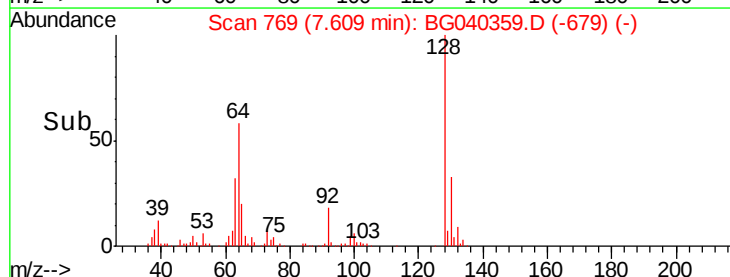
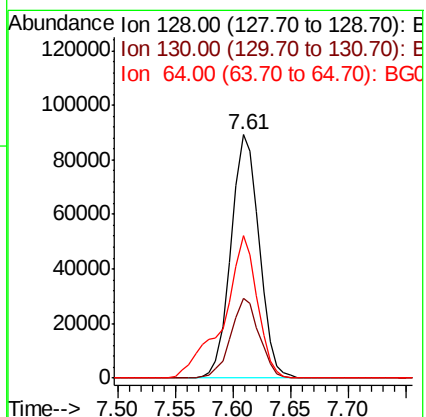
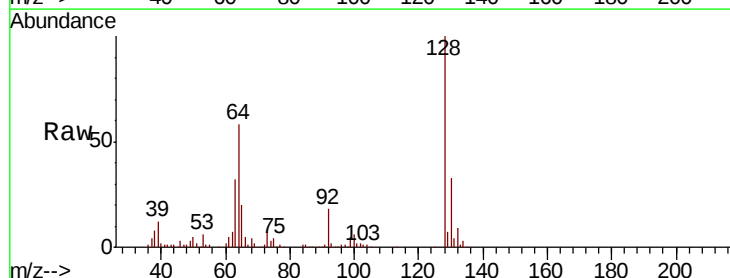
Tgt Ion: 128 Resp: 150663

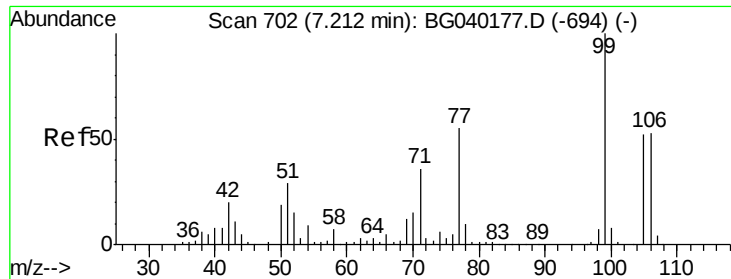
Ion Ratio Lower Upper

128 100

130 32.9 12.7 52.7

64 58.3 34.2 74.2





#9

Benzaldehyde

Concen: 27.493 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

Instrument :

BNA_G

ClientSampleId :

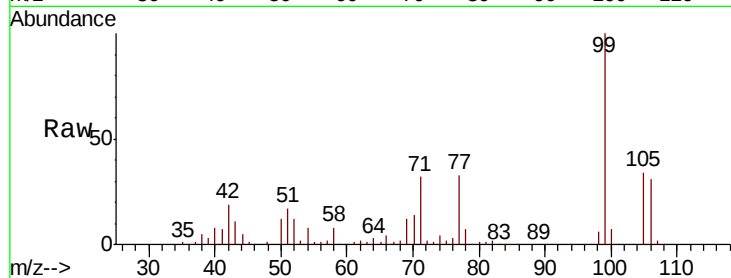
Tot Ion: 77 Resp: 102853

Ion Ratio Lower Upper

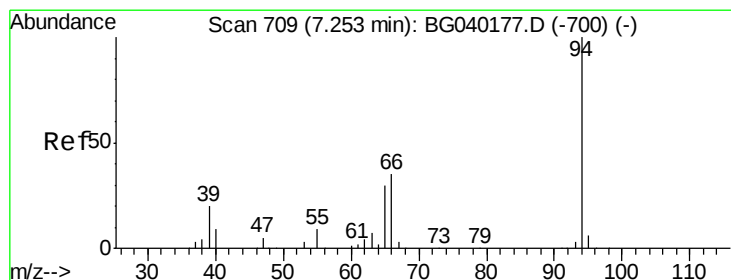
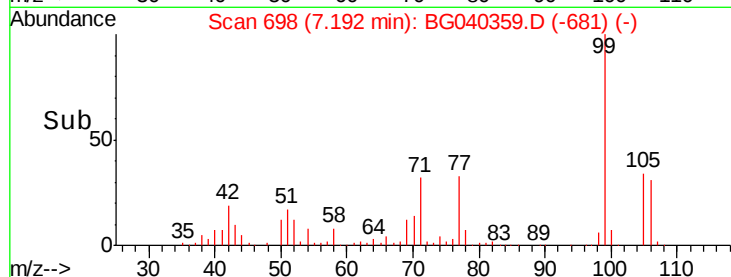
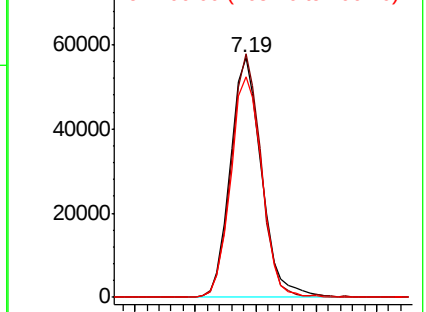
77 100

105 101.6 80.3 120.3

106 92.1 80.0 120.0



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: 33.882 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

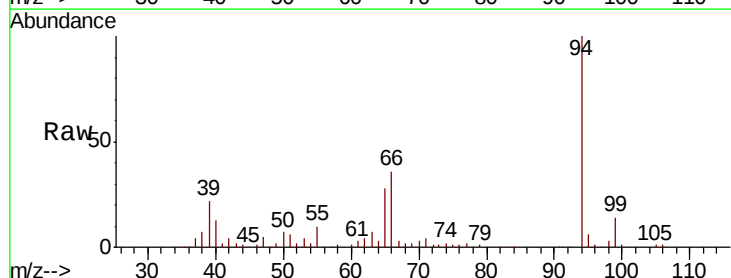
Tgt Ion: 94 Resp: 200571

Ion Ratio Lower Upper

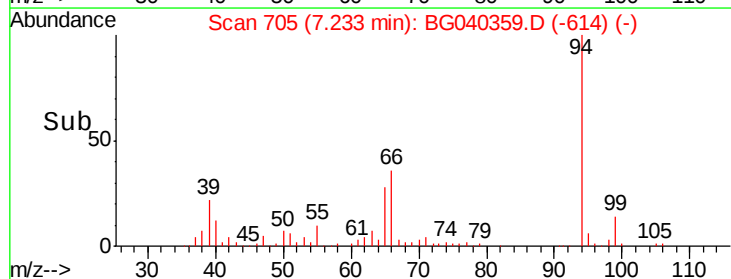
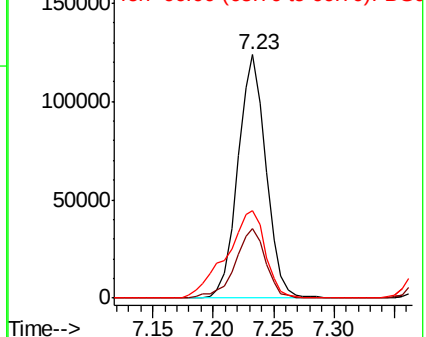
94 100

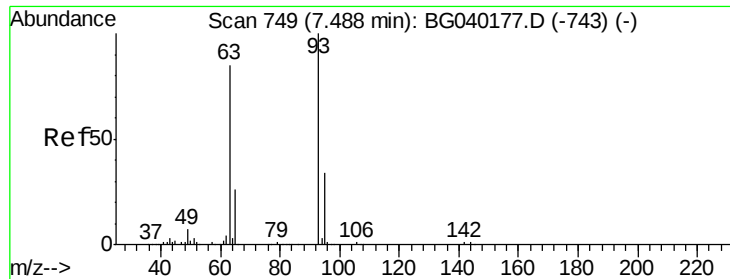
65 28.4 10.2 50.2

66 36.1 19.5 59.5



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

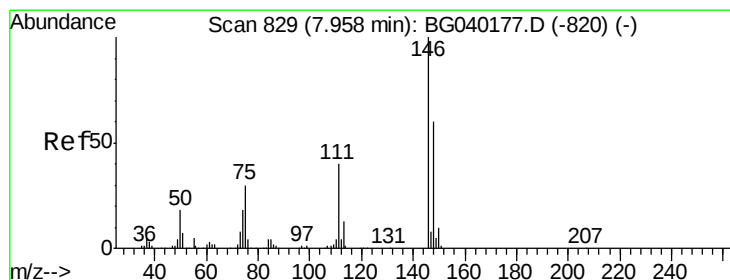
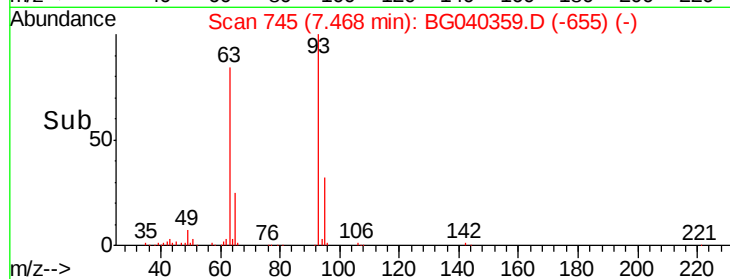
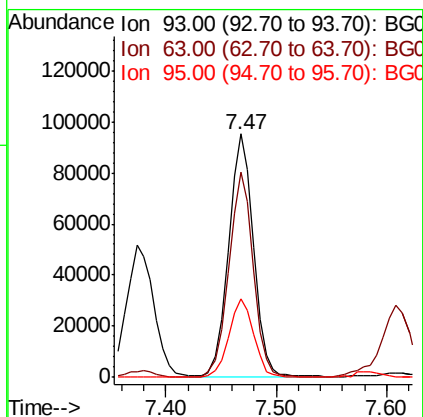
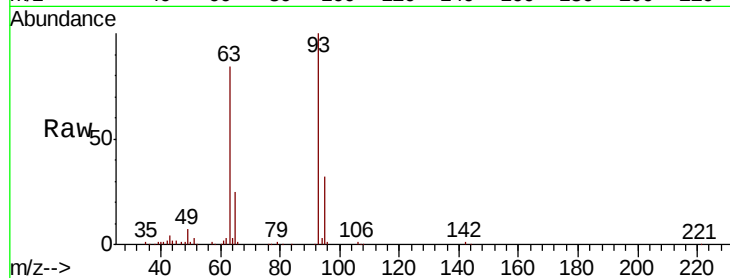




#11
 bis(2-Chloroethyl)ether
 Concen: 31.964 ng
 RT: 7.47 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BG040359.D
 Acq: 4 Apr 2019 13:55

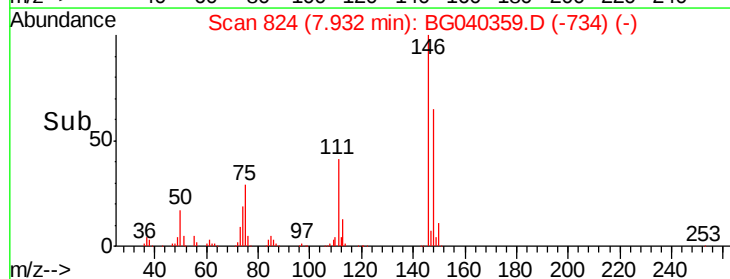
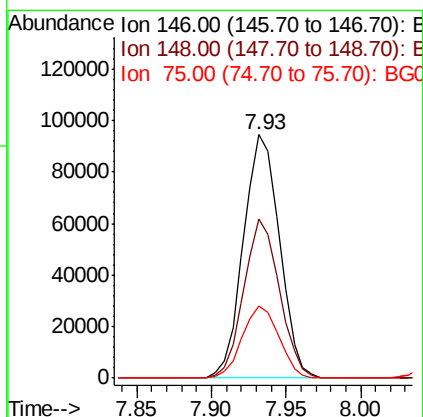
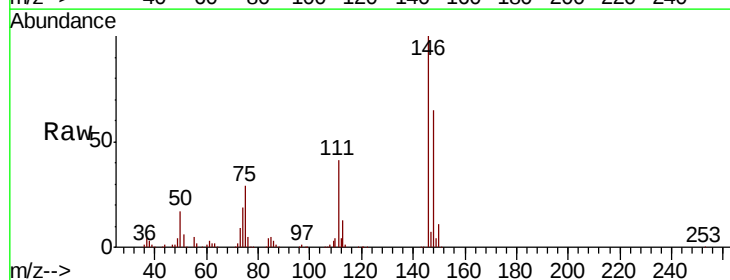
Instrument :
 BNA_G
 ClientSampled :

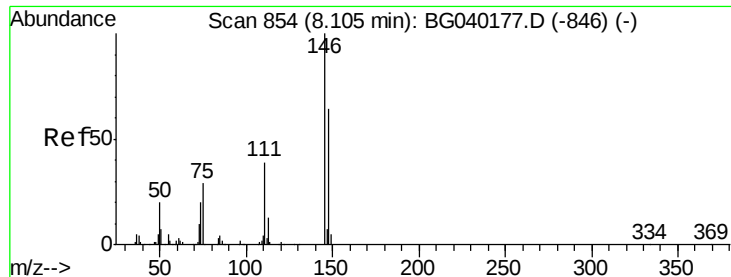
Tot Ion: 93 Resp: 151551
 Ion Ratio Lower Upper
 93 100
 63 84.4 60.6 100.6
 95 32.4 11.9 51.9



#12
 1,3-Dichlorobenzene
 Concen: 31.540 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG040359.D
 Acq: 4 Apr 2019 13:55

Tgt Ion: 146 Resp: 158386
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.3 76.9
 75 29.4 24.1 36.1

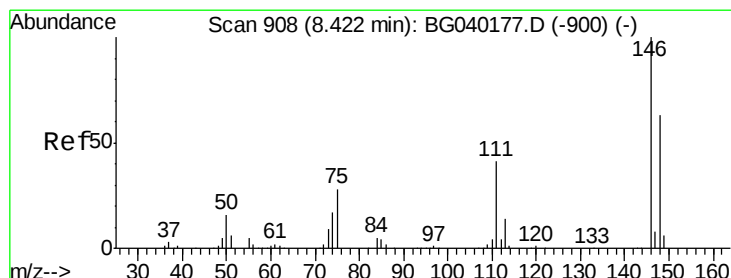
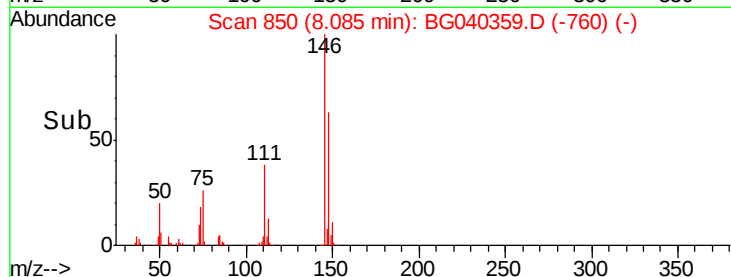
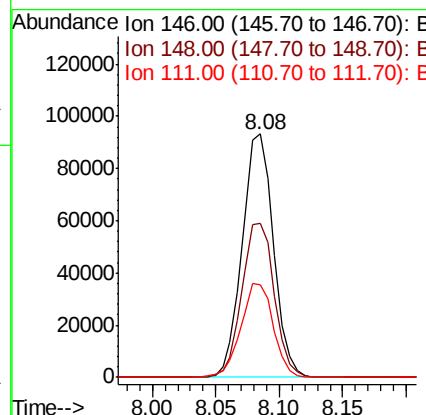
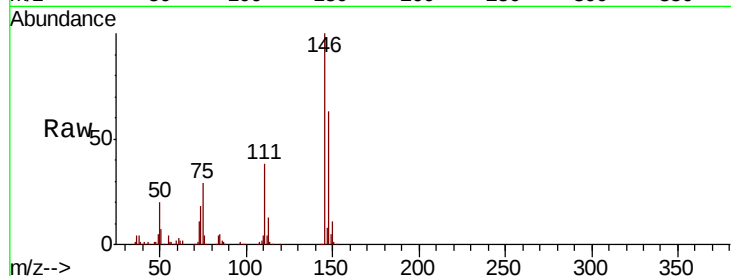




#13
 1,4-Dichlorobenzene
 Concen: 31.839 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BG040359.D
 Acq: 4 Apr 2019 13:55

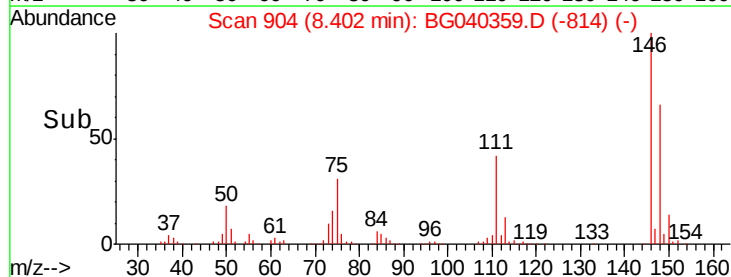
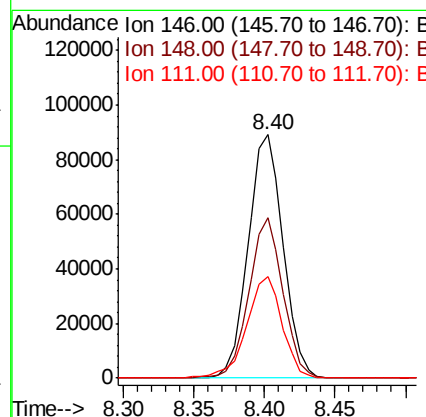
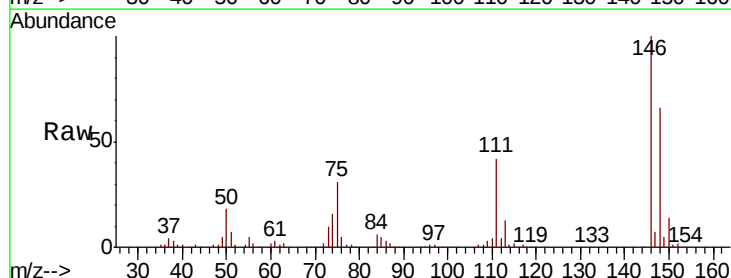
Instrument :
 BNA_G
 ClientSampleId :

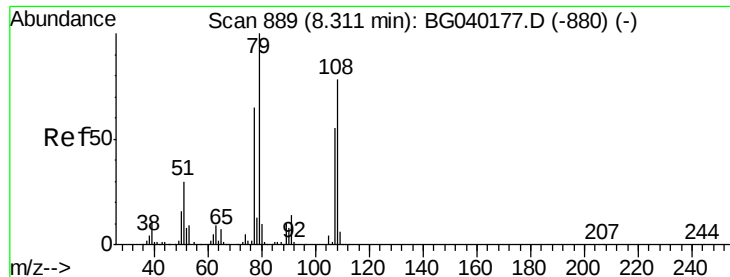
Tot Ion:146 Resp: 159245
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.0 76.6
 111 38.2 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 32.301 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG040359.D
 Acq: 4 Apr 2019 13:55

Tgt Ion:146 Resp: 154495
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.8 77.8
 111 41.6 32.8 49.2





#15

Benzyl Alcohol

Concen: 30.633 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

Instrument :

BNA_G

ClientSampled :

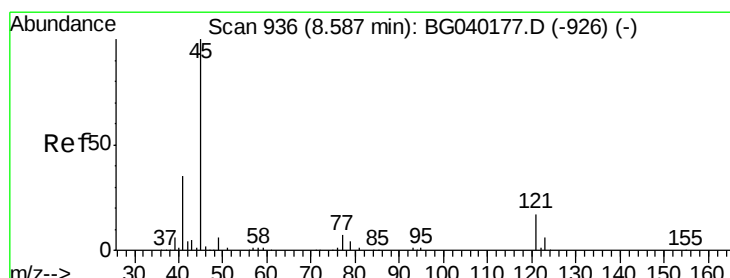
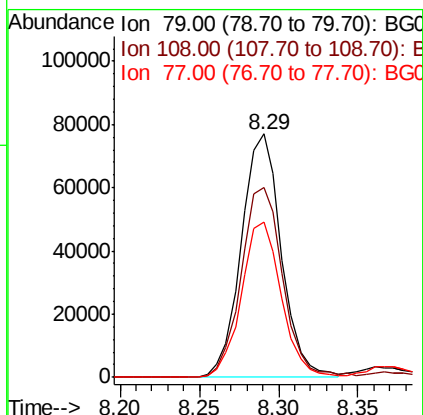
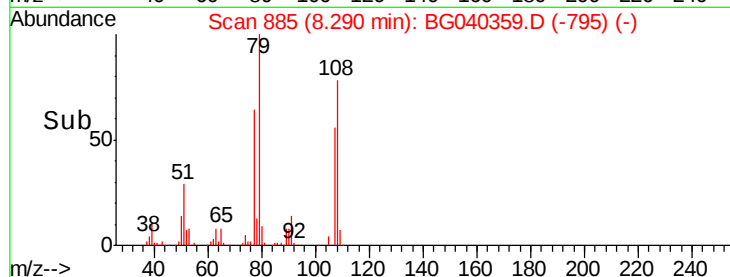
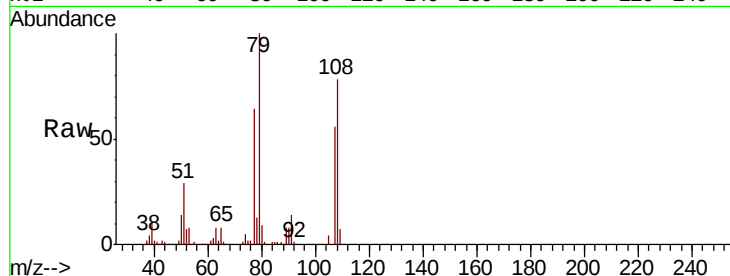
Tot Ion: 79 Resp: 134547

Ion Ratio Lower Upper

79 100

108 78.0 63.3 94.9

77 63.9 47.3 70.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.151 ng

RT: 8.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

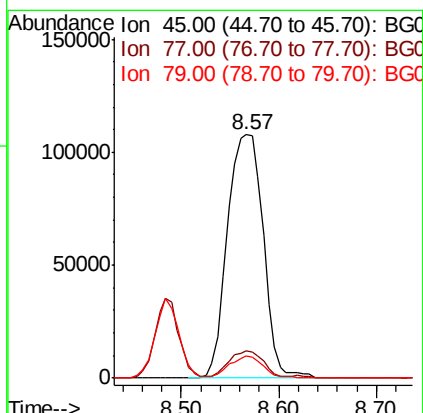
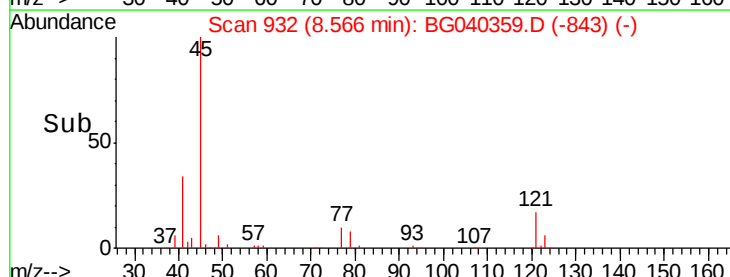
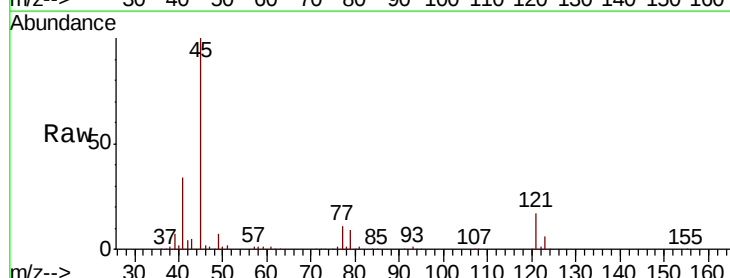
Tgt Ion: 45 Resp: 274362

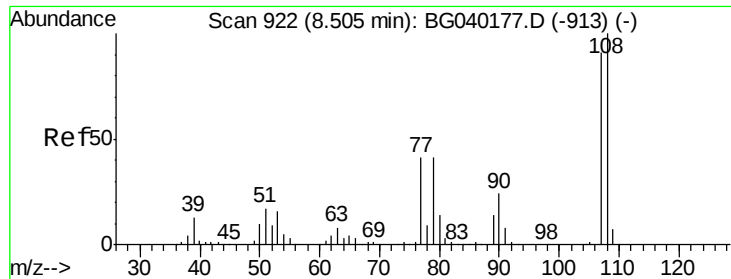
Ion Ratio Lower Upper

45 100

77 11.2 0.0 30.6

79 8.9 0.0 28.2





#17

2-Methylphenol

Concen: 33.650 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 137840

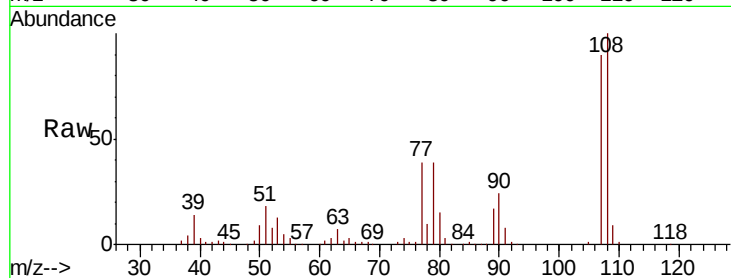
Ion Ratio Lower Upper

107 100

108 111.5 93.3 139.9

77 43.5 38.0 57.0

79 43.2 35.4 53.0

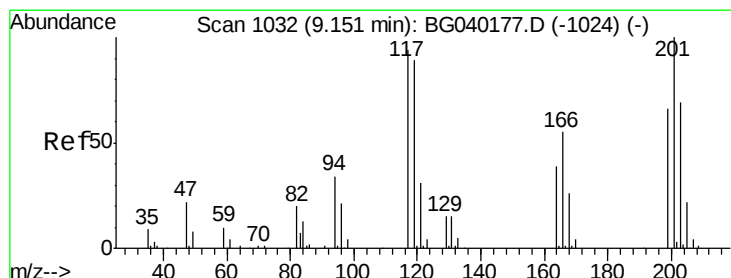
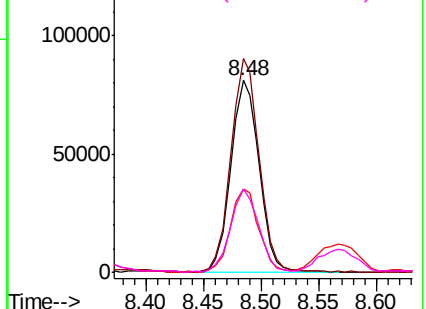
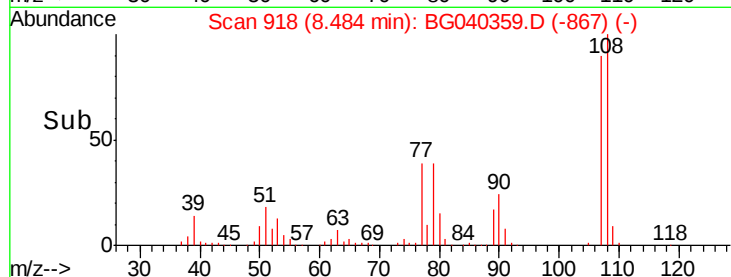


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 30.248 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

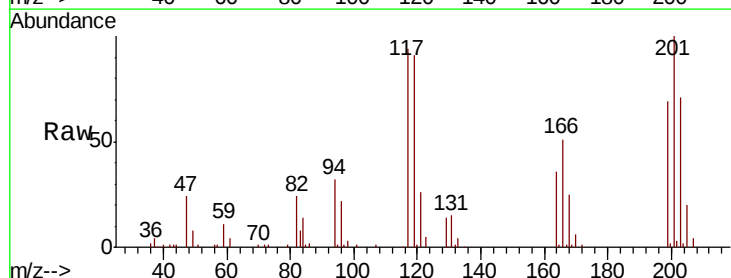
Tgt Ion:117 Resp: 57546

Ion Ratio Lower Upper

117 100

119 96.8 72.9 109.3

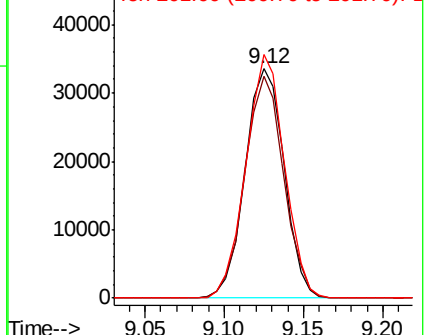
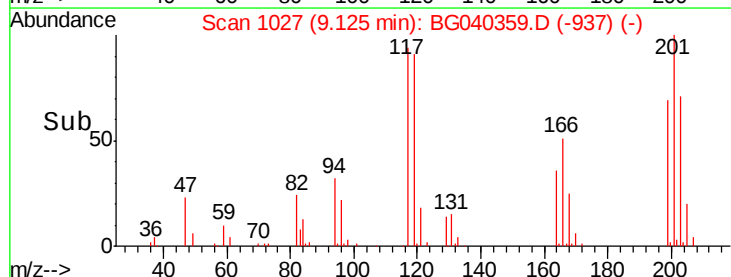
201 106.3 83.8 125.8

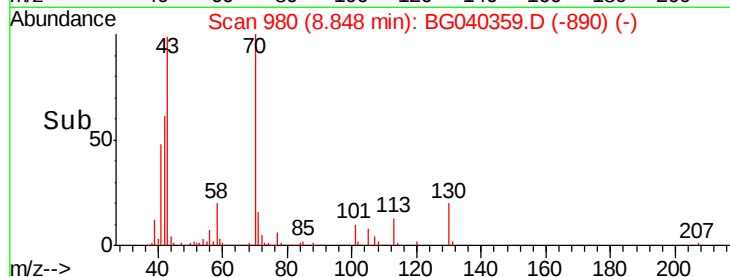
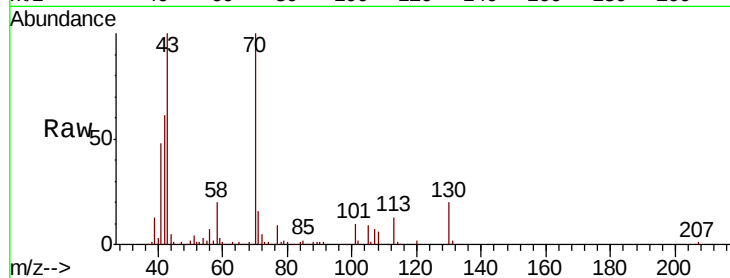
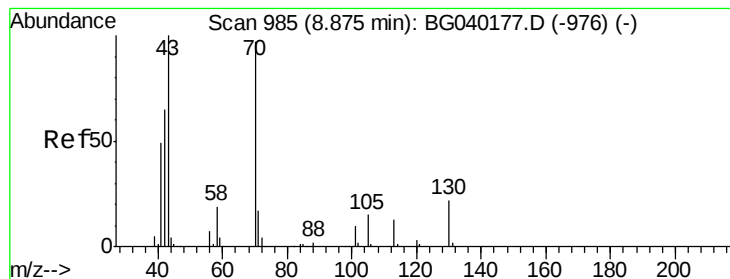


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 29.975 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 117211

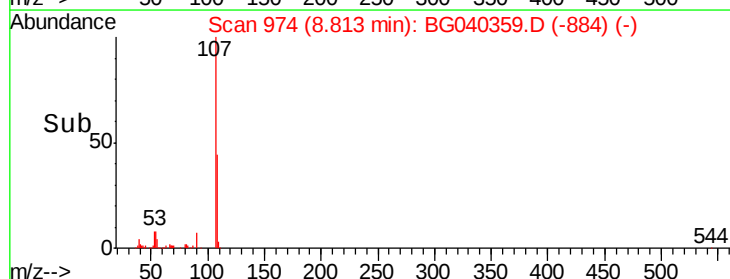
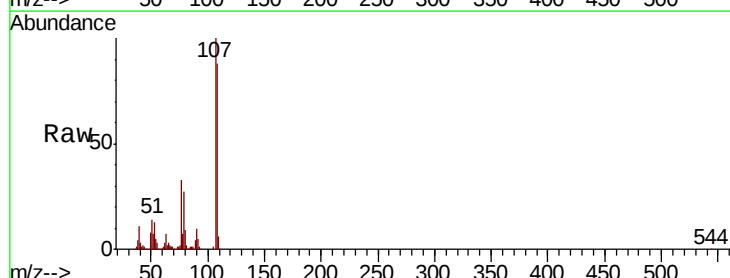
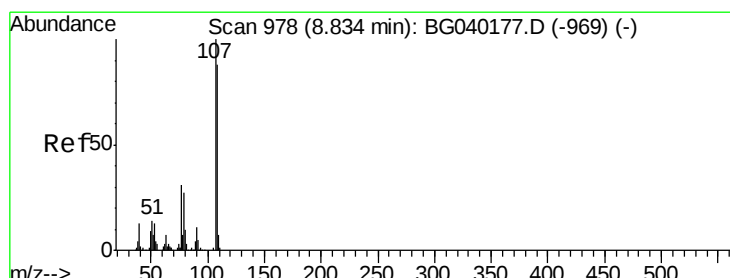
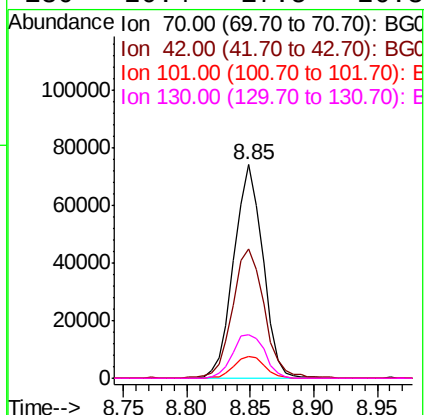
Ion Ratio Lower Upper

70 100

42 60.7 50.5 75.7

101 10.3 8.6 12.8

130 20.4 17.5 26.3



#20

3+4-Methylphenols

Concen: 33.516 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

Tgt Ion:107 Resp: 185987

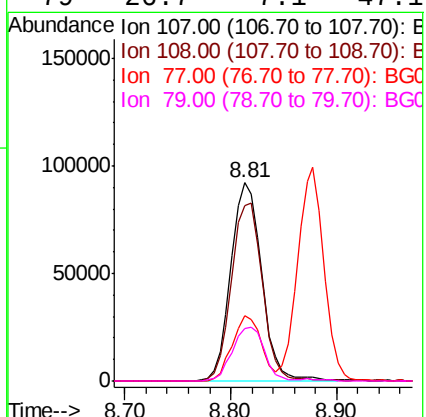
Ion Ratio Lower Upper

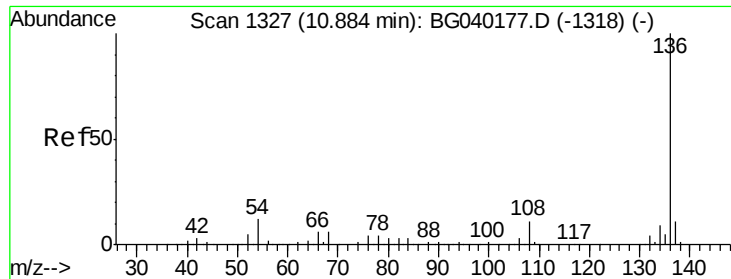
107 100

108 88.4 71.3 111.3

77 33.1 11.7 51.7

79 26.7 7.1 47.1

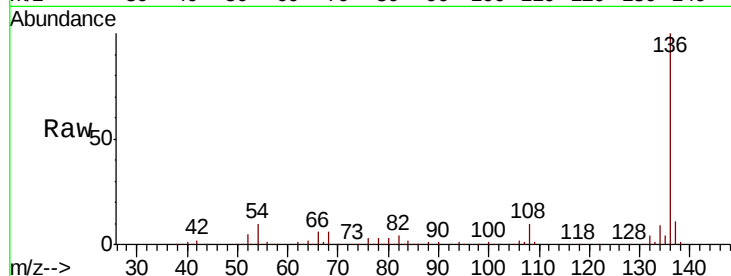




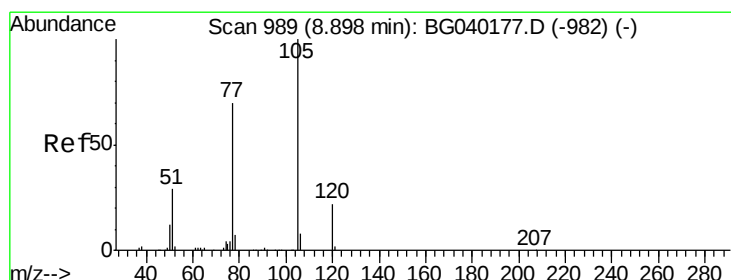
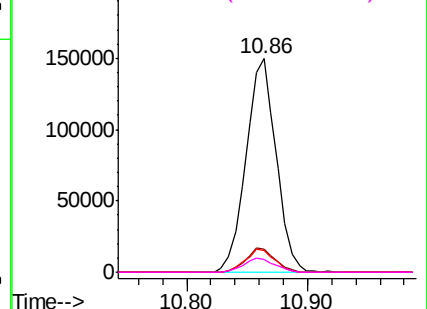
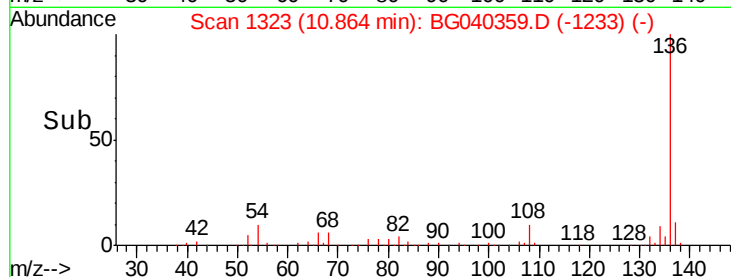
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG040359.D
Acq: 4 Apr 2019 13:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	259342
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.6 12.8
54	10.2	9.1 13.7
68	6.2	5.2 7.8

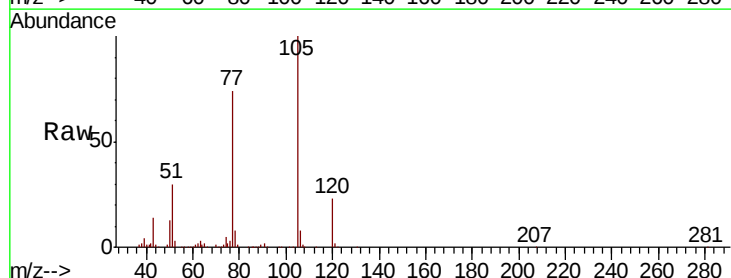


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

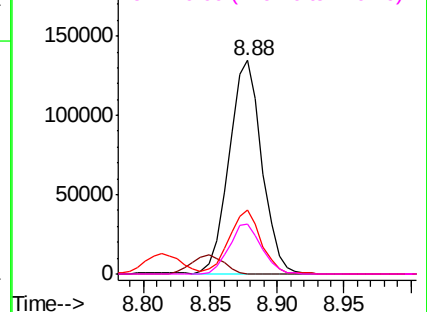
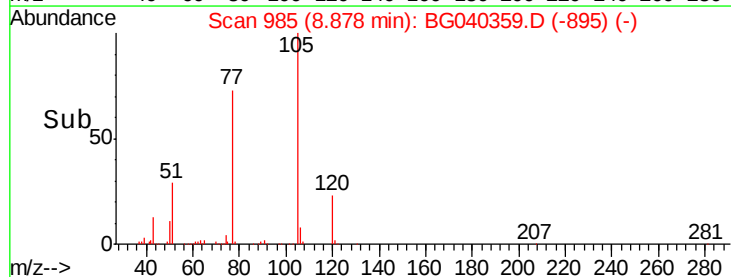


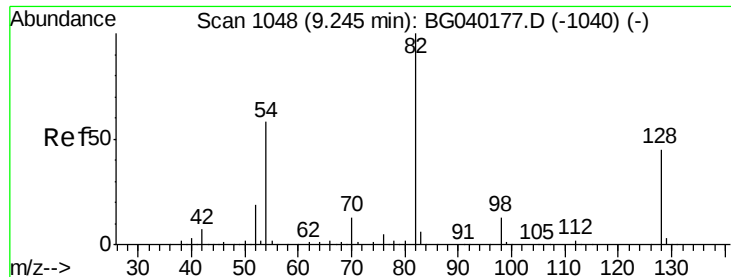
#22
Acetophenone
Concen: 35.550 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG040359.D
Acq: 4 Apr 2019 13:55

Tgt Ion:105	Resp:	229980
Ion Ratio	Lower	Upper
105	100	
71	0.2	0.3 0.5#
51	29.8	24.2 36.2
120	23.2	19.2 28.8



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

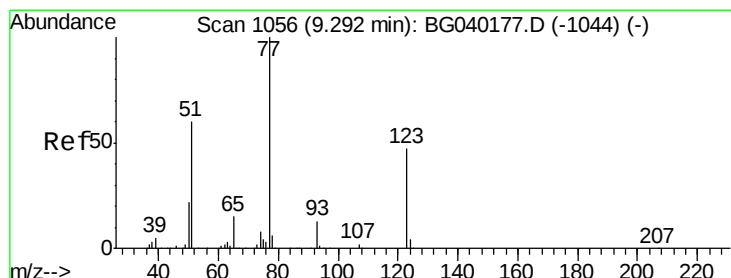
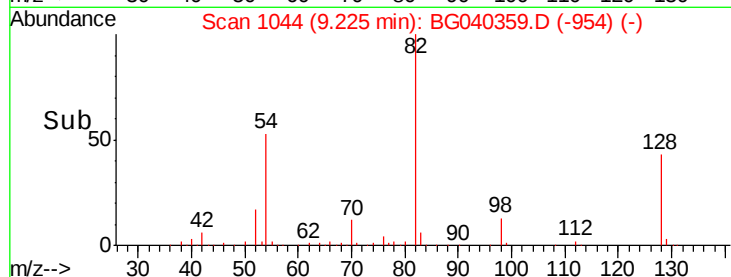
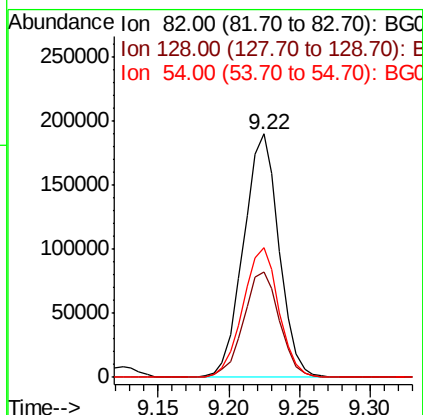
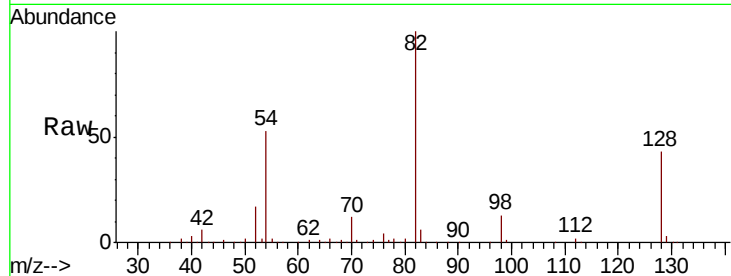




#23
 Nitrobenzene-d5
 Concen: 68.513 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BG040359.D
 Acq: 4 Apr 2019 13:55

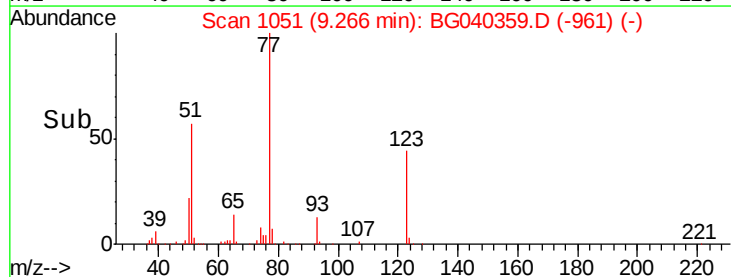
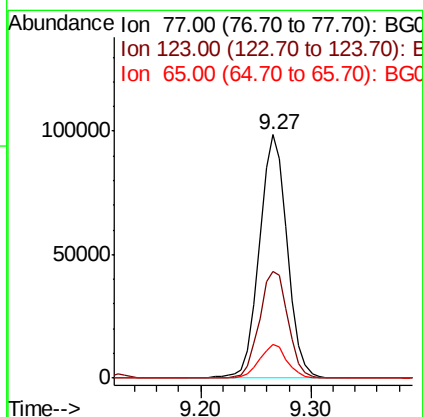
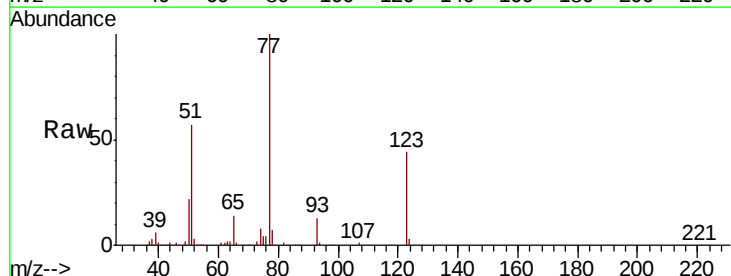
Instrument :
 BNA_G
 ClientSampleId :

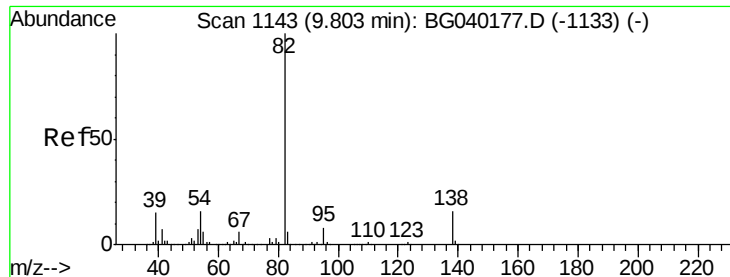
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.1	52.7
54	53.3	43.2	64.8



#24
 Nitrobenzene
 Concen: 34.312 ng
 RT: 9.27 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BG040359.D
 Acq: 4 Apr 2019 13:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	38.6	57.8
65	14.0	11.1	16.7





#25

Isophorone

Concen: 33.748 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

Instrument :

BNA_G

ClientSampled :

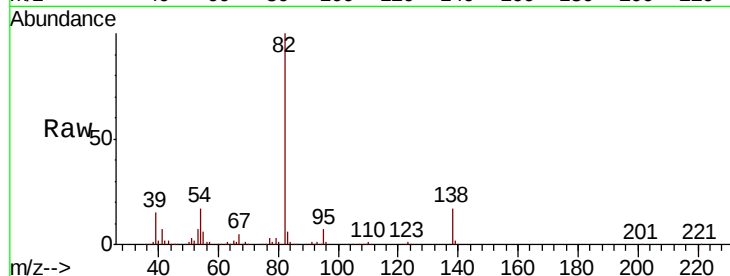
Tot Ion: 82 Resp: 338797

Ion Ratio Lower Upper

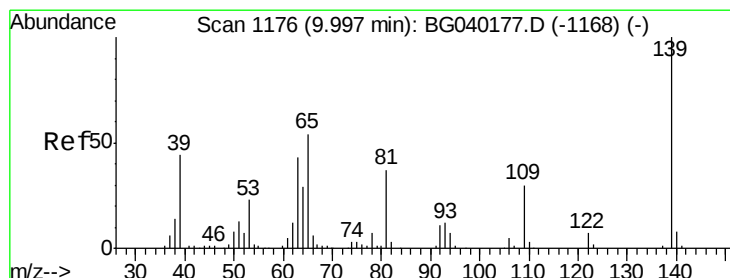
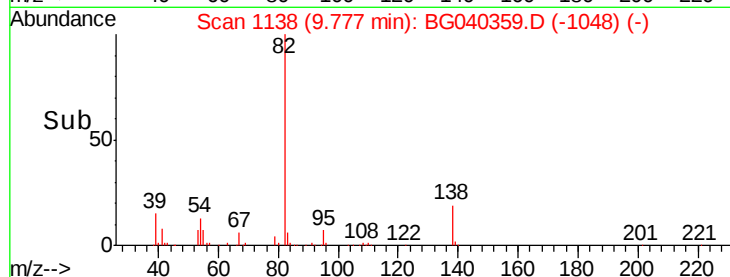
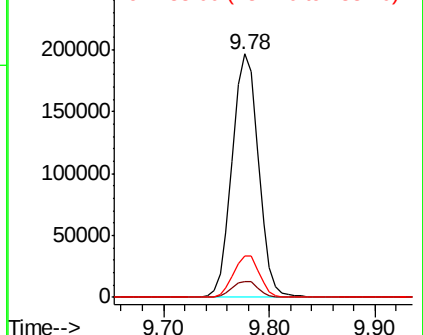
82 100

95 6.7 5.1 7.7

138 17.2 13.4 20.0



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



#26

2-Nitrophenol

Concen: 35.135 ng

RT: 9.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

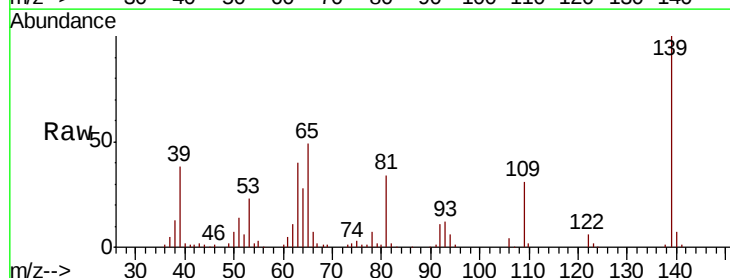
Tgt Ion: 139 Resp: 84116

Ion Ratio Lower Upper

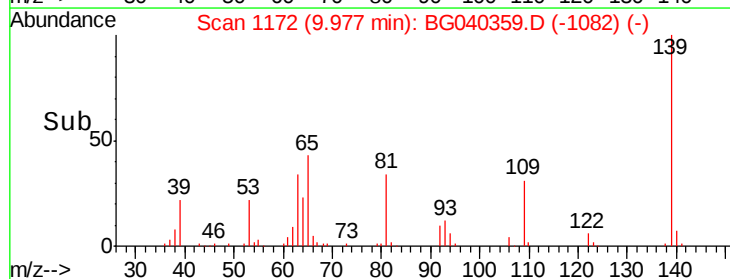
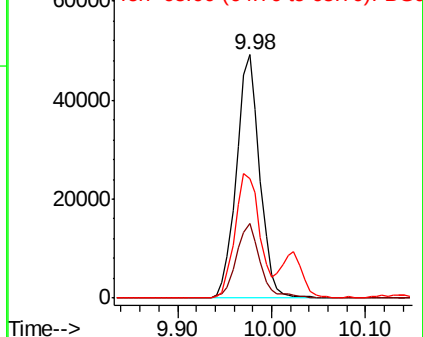
139 100

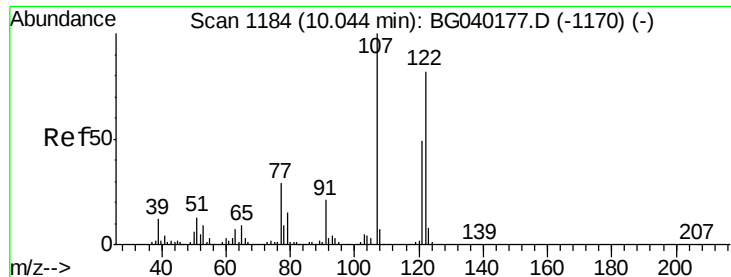
109 30.6 25.0 37.4

65 49.1 45.8 68.8



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

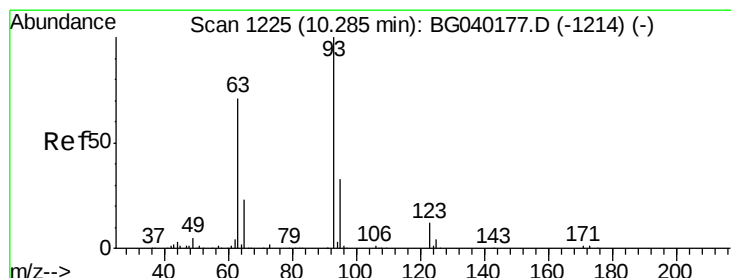
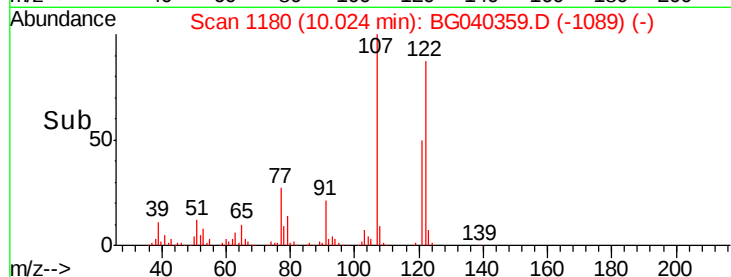
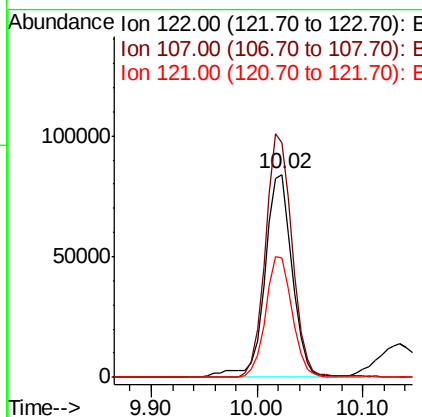
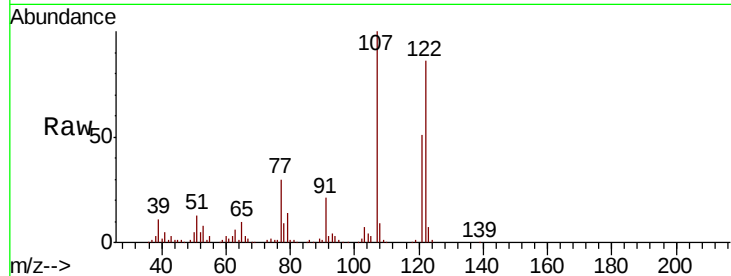




#27
 2,4-Dimethylphenol
 Concen: 39.611 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BG040359.D
 Acq: 4 Apr 2019 13:55

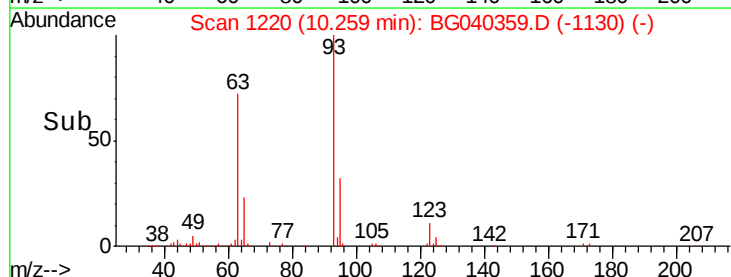
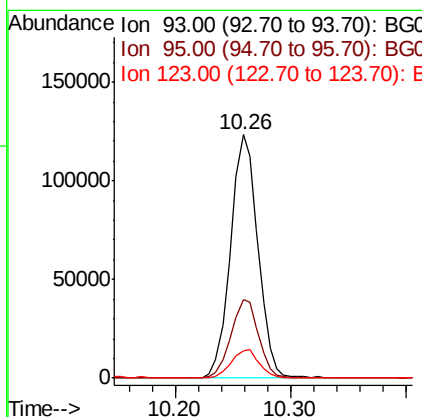
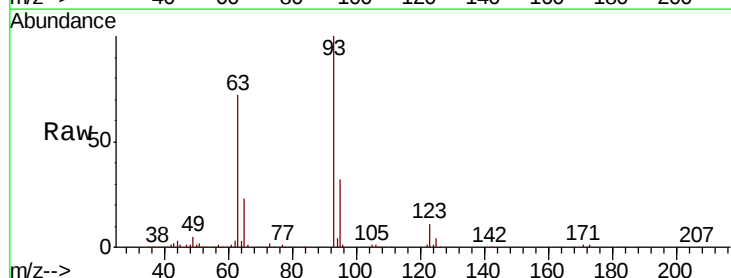
Instrument :
 BNA_G
 ClientSampleId :

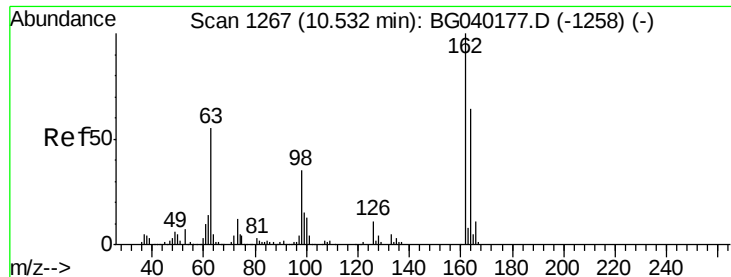
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.8	95.8	143.6
121	58.5	46.1	69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.980 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BG040359.D
 Acq: 4 Apr 2019 13:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.4	38.0
123	11.0	9.0	13.6

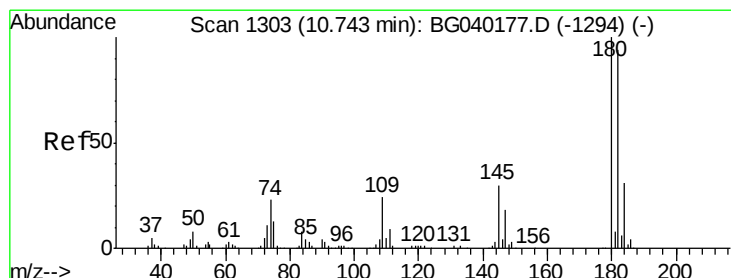
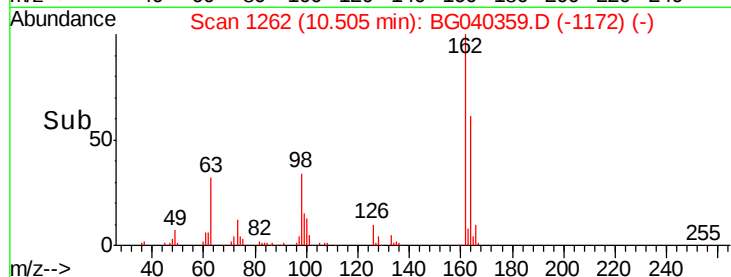
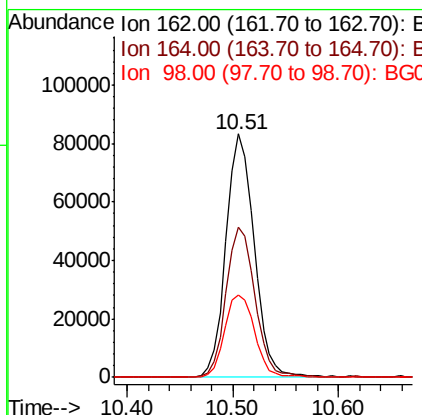
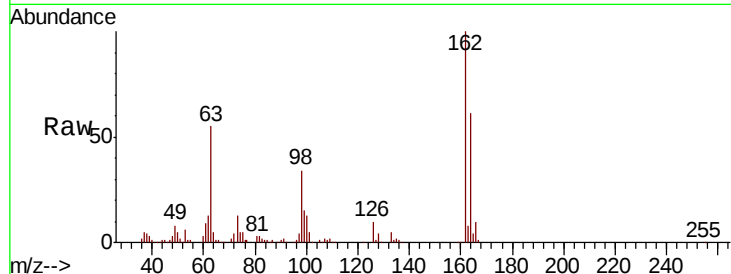




#29
2,4-Dichlorophenol
Concen: 37.377 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BG040359.D
Acq: 4 Apr 2019 13:55

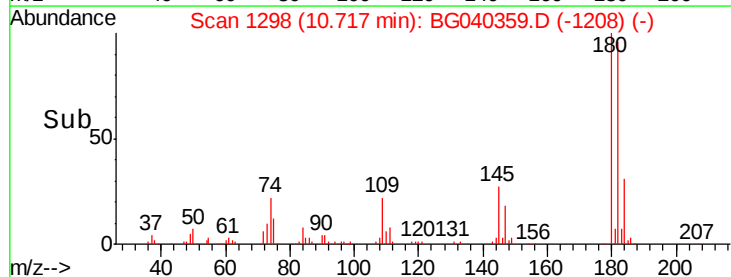
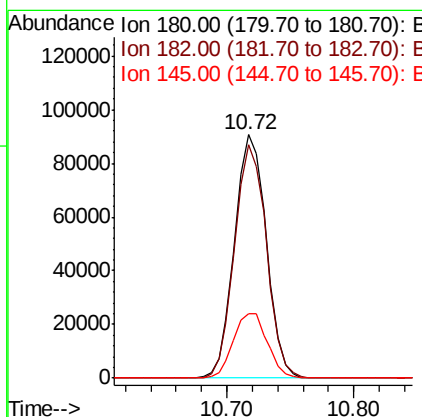
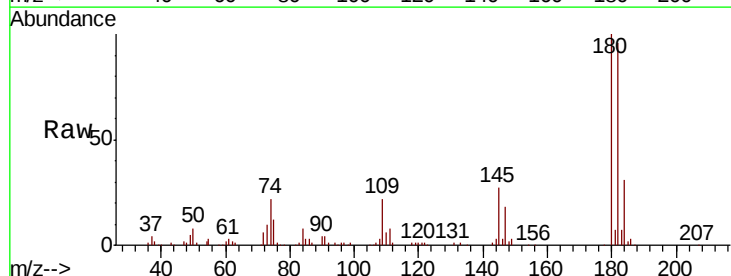
Instrument :
BNA_G
ClientSampled :

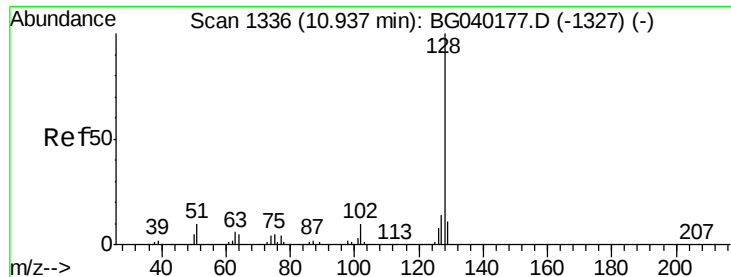
Tot Ion:162 Resp: 154279
Ion Ratio Lower Upper
162 100
164 61.5 43.4 83.4
98 33.7 16.3 56.3



#30
1,2,4-Trichlorobenzene
Concen: 34.821 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG040359.D
Acq: 4 Apr 2019 13:55

Tgt Ion:180 Resp: 157821
Ion Ratio Lower Upper
180 100
182 95.7 75.5 113.3
145 26.7 23.0 34.4

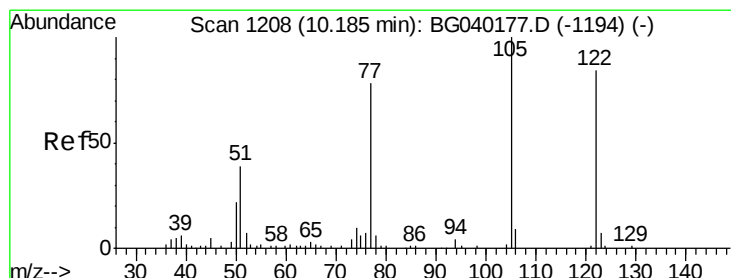
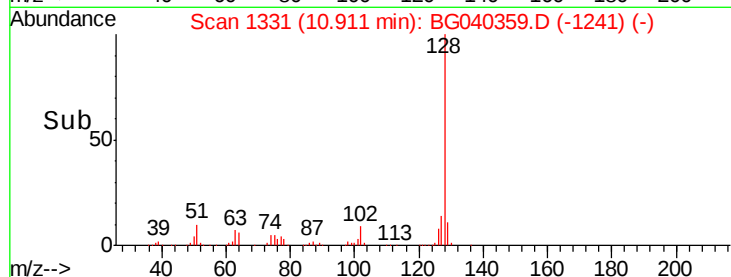
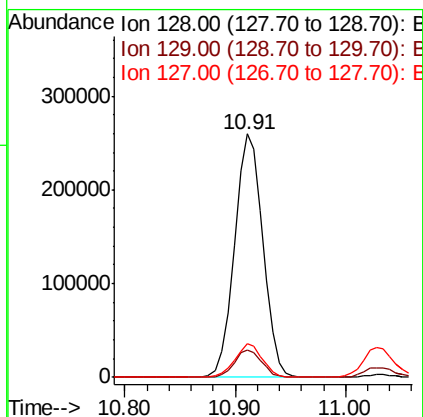
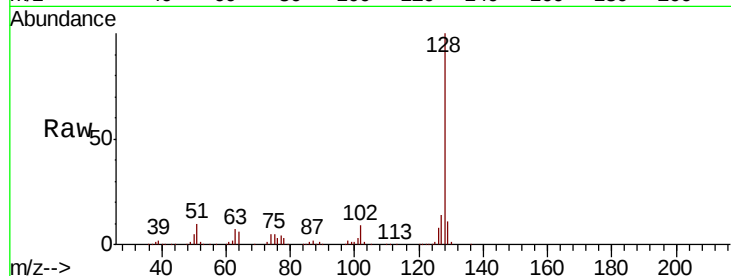




#31
Naphthalene
Concen: 35.117 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG040359.D
Acq: 4 Apr 2019 13:55

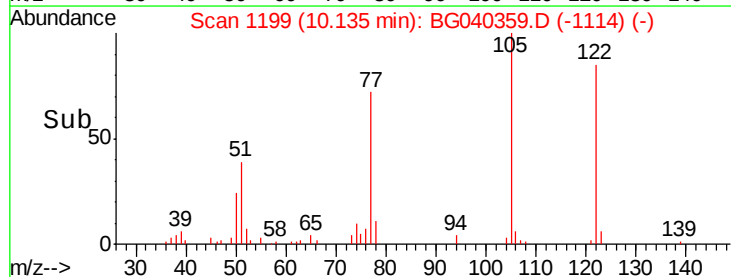
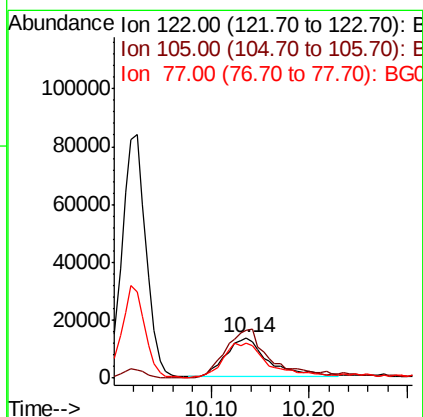
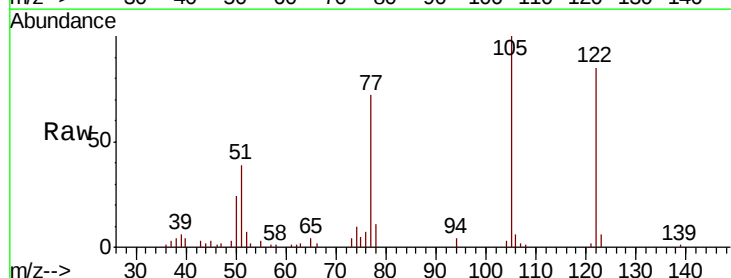
Instrument :
BNA_G
ClientSampleId :

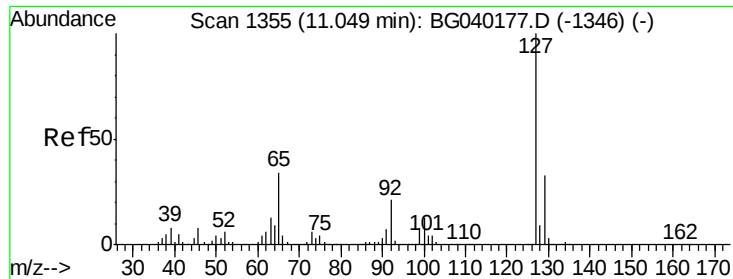
Tot Ion:128 Resp: 466819
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.8 11.2 16.8



#32
Benzoic acid
Concen: 17.905 ng
RT: 10.14 min Scan# 1199
Delta R.T. -0.03 min
Lab File: BG040359.D
Acq: 4 Apr 2019 13:55

Tgt Ion:122 Resp: 41140
Ion Ratio Lower Upper
122 100
105 117.9 107.6 147.6
77 85.2 79.2 119.2

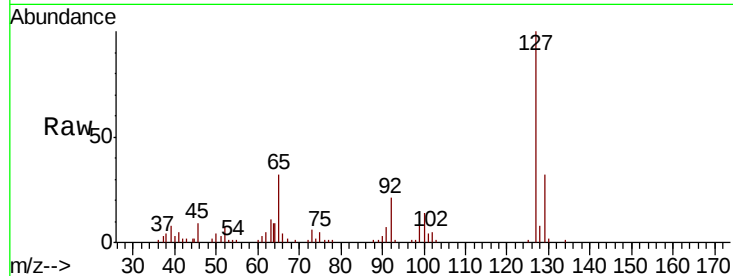




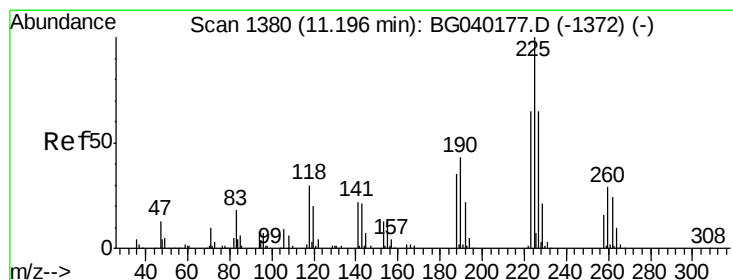
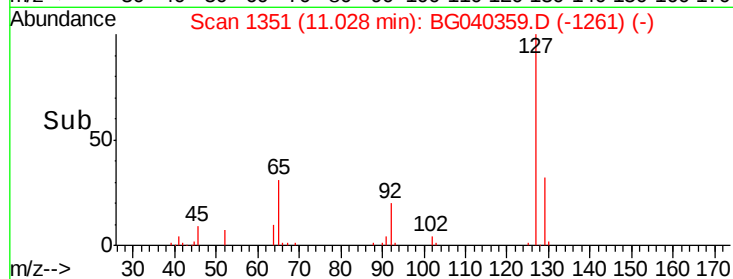
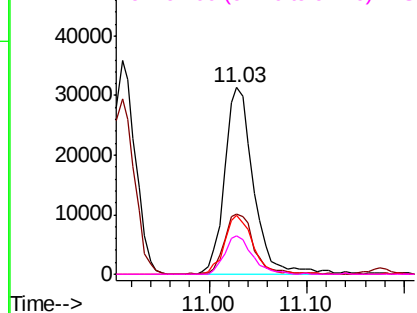
#33
4-Chloroaniline
Concen: 11.384 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BG040359.D
Acq: 4 Apr 2019 13:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	64549
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	40.0
65	31.7	26.2	39.2
92	20.6	15.1	22.7

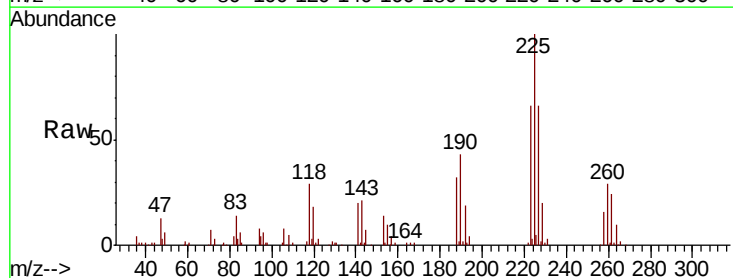


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

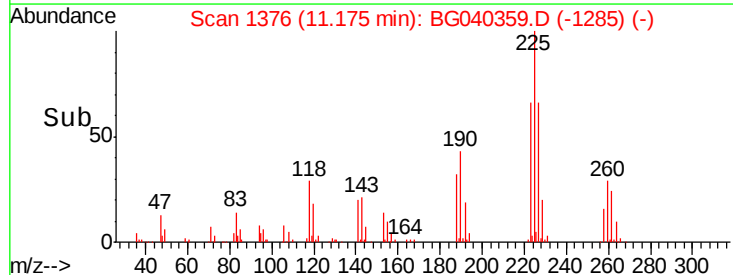
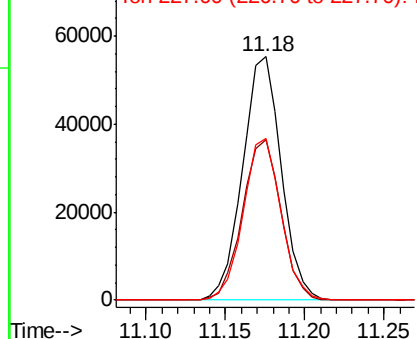


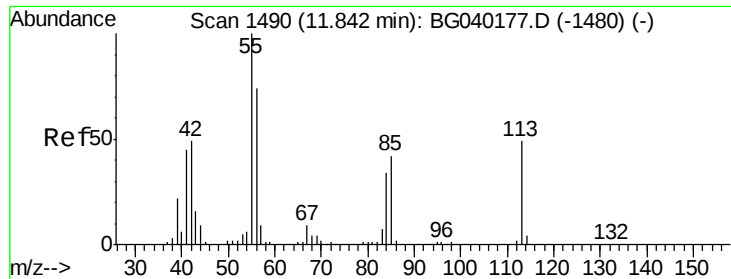
#34
Hexachlorobutadiene
Concen: 32.258 ng
RT: 11.18 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BG040359.D
Acq: 4 Apr 2019 13:55

Tgt Ion:	225	Resp:	93504
Ion	Ratio	Lower	Upper
225	100		
223	65.7	48.2	72.4
227	66.2	51.7	77.5



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: 24.651 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.02 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

Instrument :

BNA_G

ClientSampled :

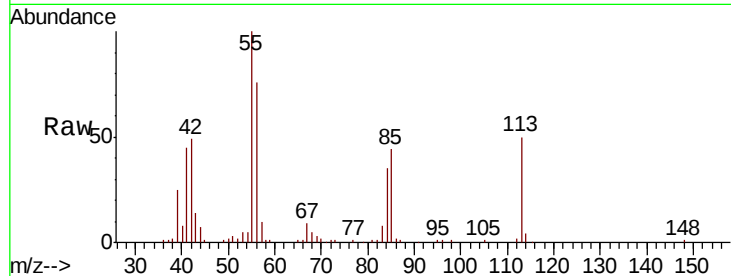
Tot Ion:113 Resp: 40379

Ion Ratio Lower Upper

113 100

55 200.0 167.6 207.6

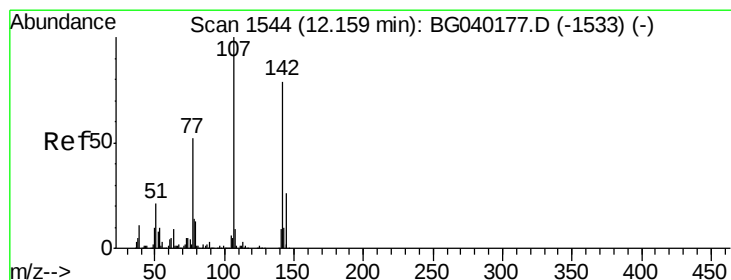
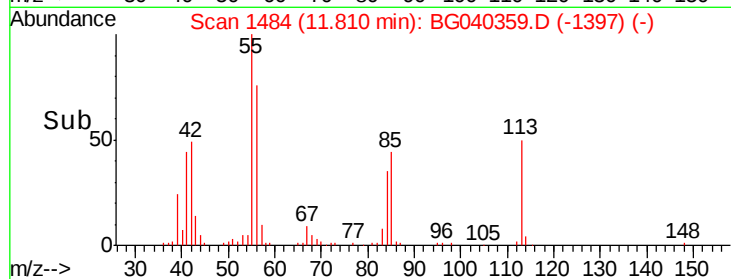
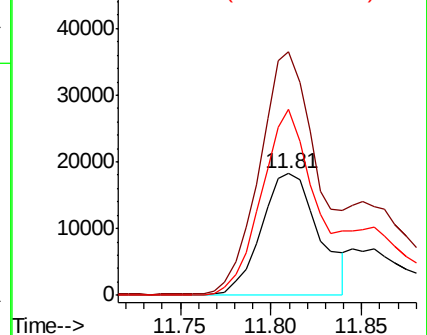
56 153.0 113.4 153.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 36.787 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

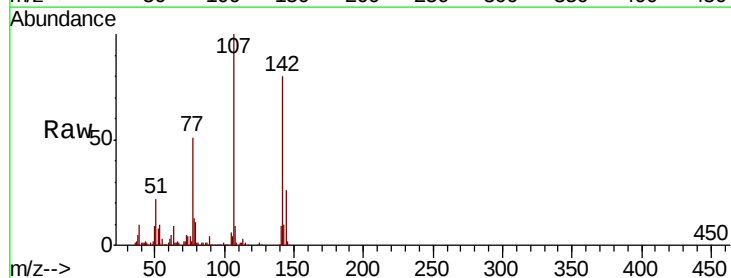
Tgt Ion:107 Resp: 174566

Ion Ratio Lower Upper

107 100

144 26.4 21.5 32.3

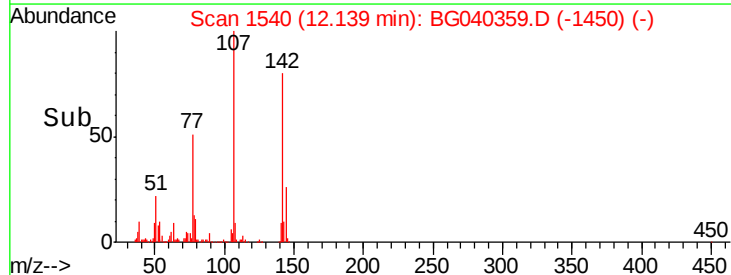
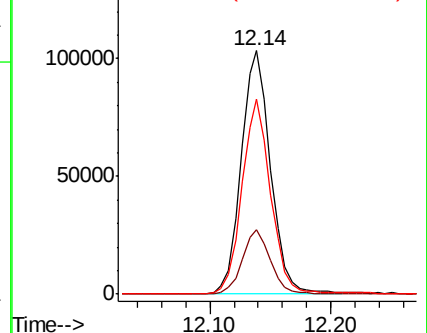
142 80.1 66.2 99.4

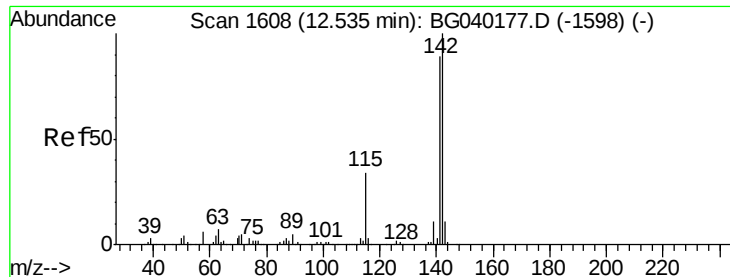


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

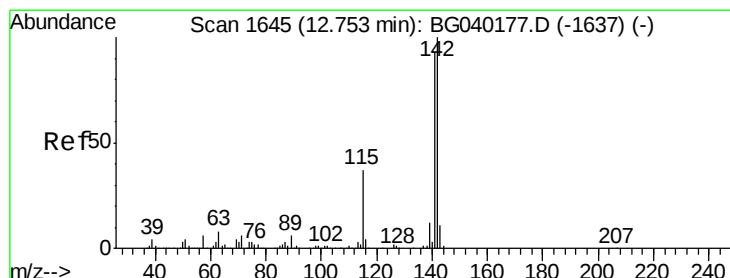
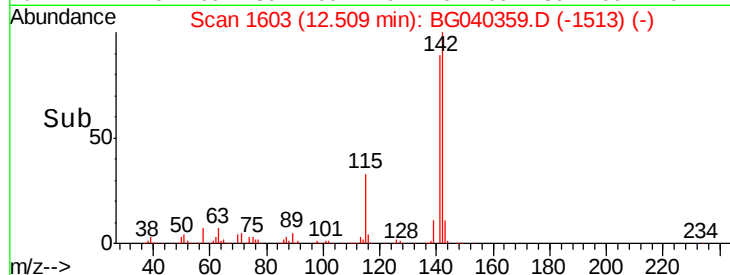
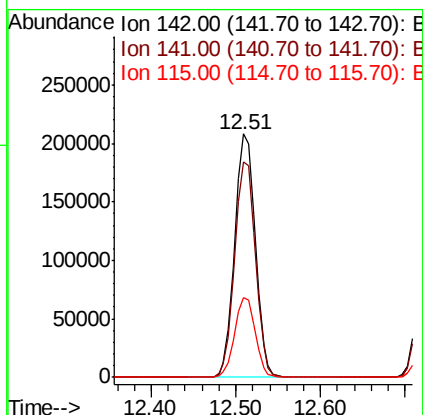
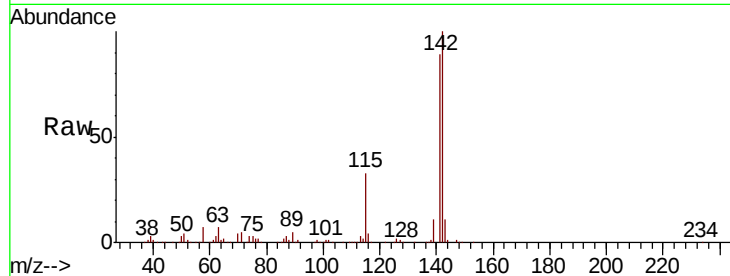




#37
2-Methylnaphthalene
Concen: 35.365 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BG040359.D
Acq: 4 Apr 2019 13:55

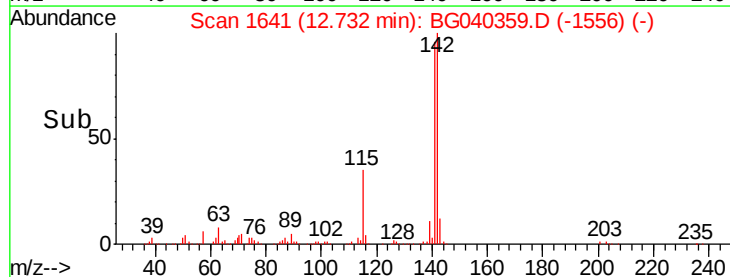
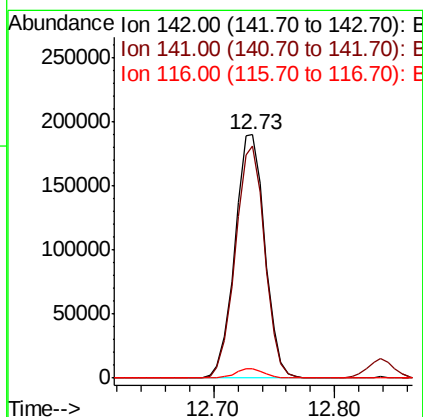
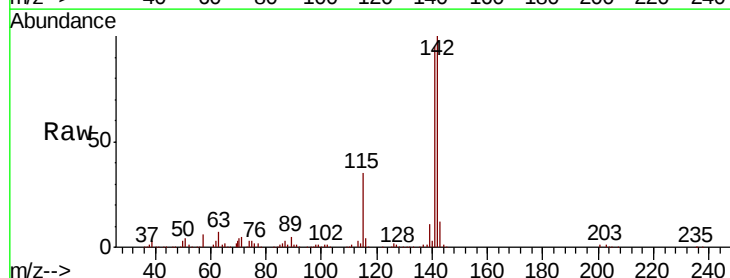
Instrument :
BNA_G
ClientSampleId :

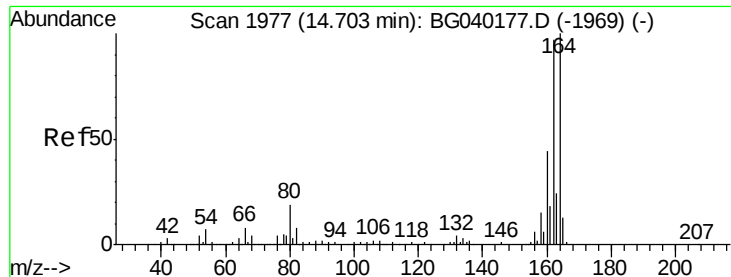
Tot Ion:142 Resp: 347689
Ion Ratio Lower Upper
142 100
141 88.6 72.0 108.0
115 32.9 26.9 40.3



#38
1-Methylnaphthalene
Concen: 34.410 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BG040359.D
Acq: 4 Apr 2019 13:55

Tgt Ion:142 Resp: 328046
Ion Ratio Lower Upper
142 100
141 95.4 72.2 108.4
116 3.7 3.0 4.6

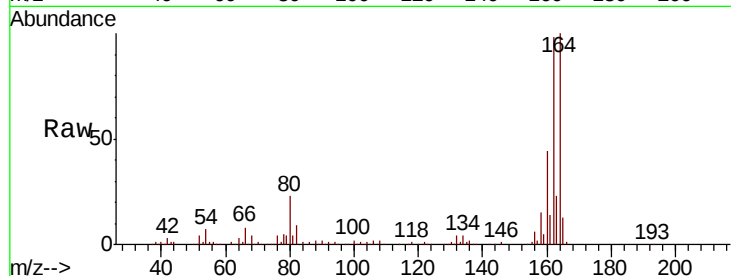




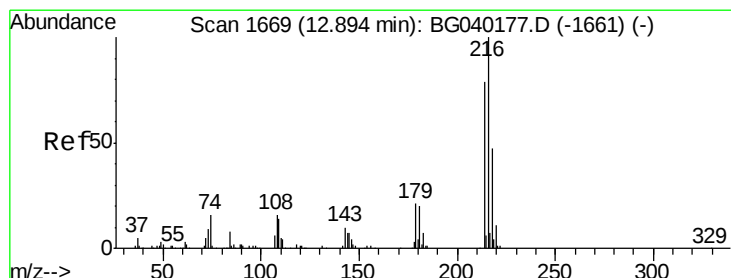
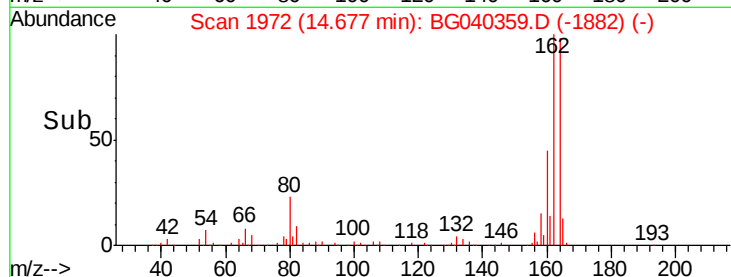
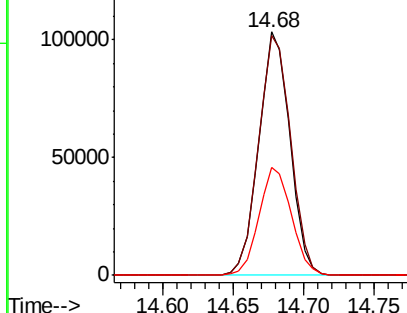
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG040359.D
 Acq: 4 Apr 2019 13:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 160813
 Ion Ratio Lower Upper
 164 100
 162 98.4 82.1 123.1
 160 44.2 36.2 54.2



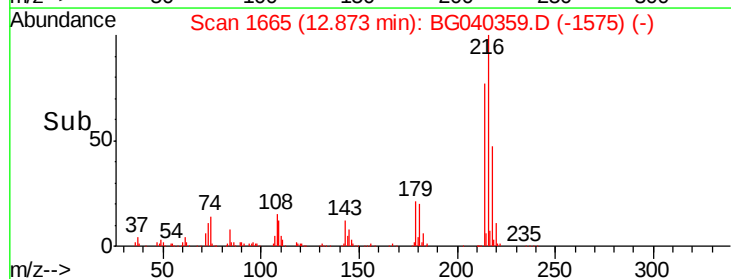
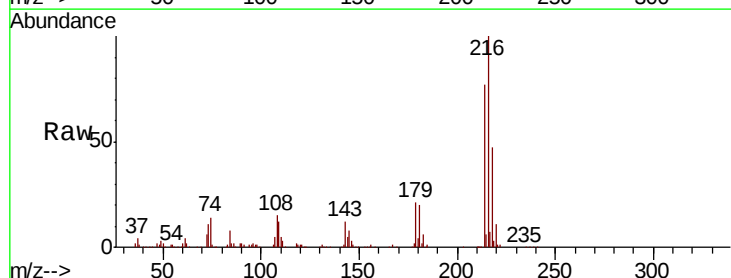
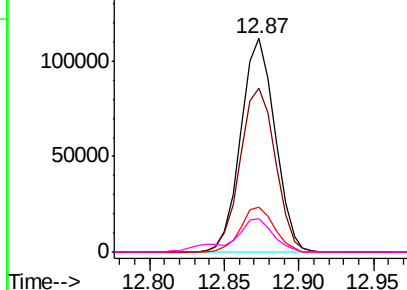
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

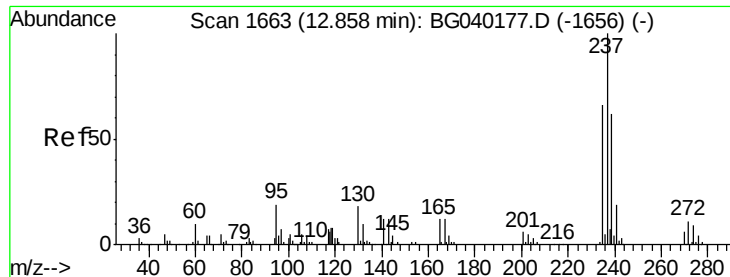


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.684 ng
 RT: 12.87 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BG040359.D
 Acq: 4 Apr 2019 13:55

Tgt Ion:216 Resp: 177278
 Ion Ratio Lower Upper
 216 100
 214 79.4 64.4 96.6
 179 20.6 16.2 24.2
 108 18.5 14.0 21.0

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: 71.366 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

Instrument :

BNA_G

ClientSampleId :

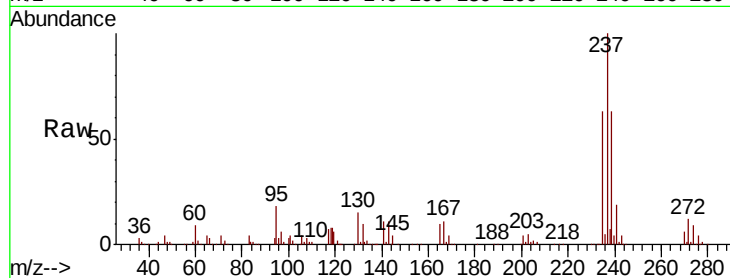
Tot Ion:237 Resp: 200283

Ion Ratio Lower Upper

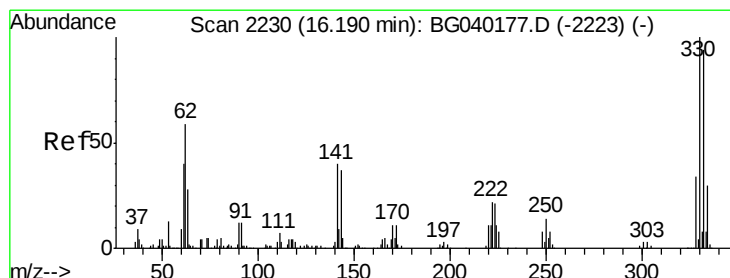
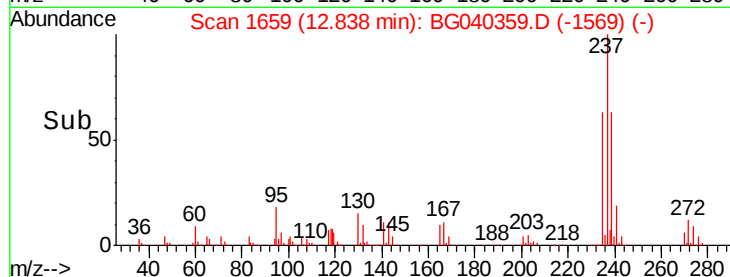
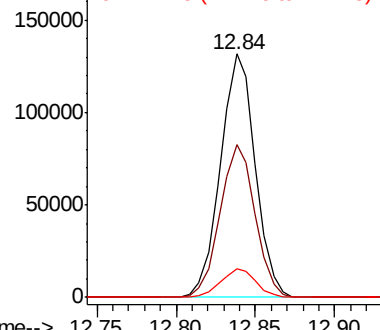
237 100

235 63.0 46.8 86.8

272 11.8 0.0 31.8



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: 119.190 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

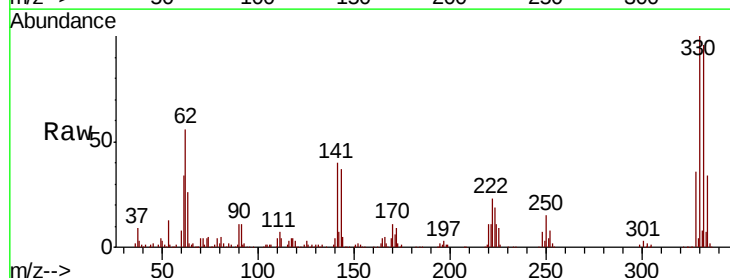
Tgt Ion:330 Resp: 207148

Ion Ratio Lower Upper

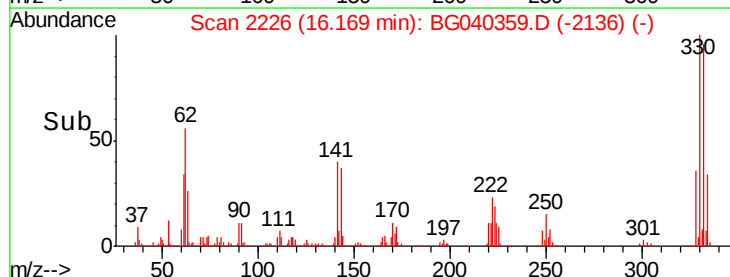
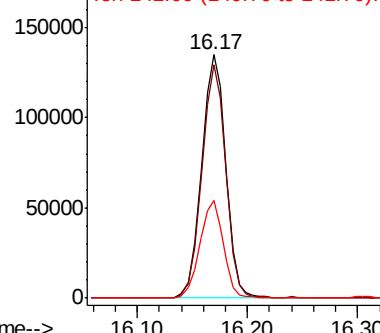
330 100

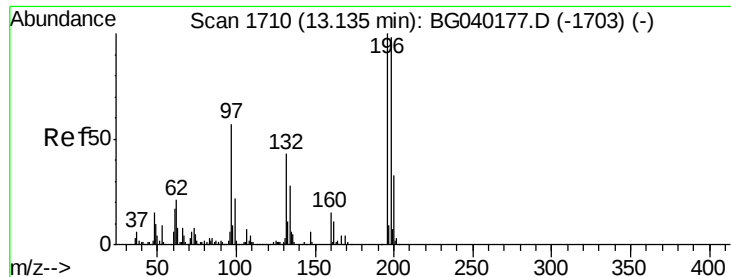
332 94.5 77.7 116.5

141 38.9 31.0 46.6



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

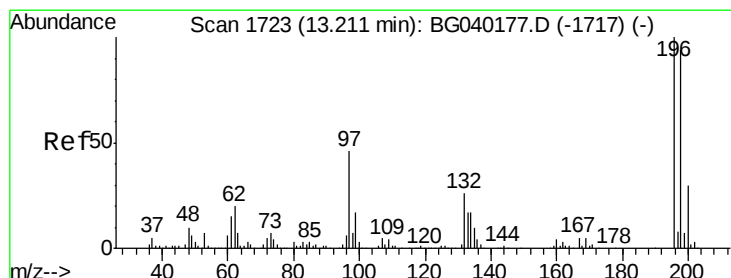
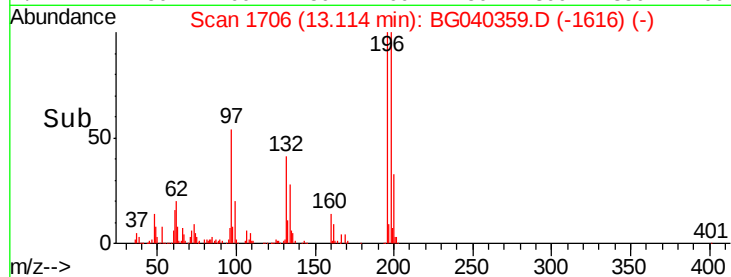
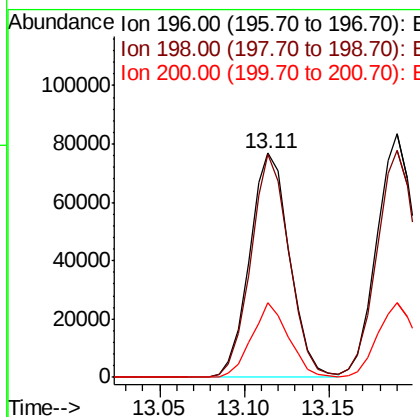
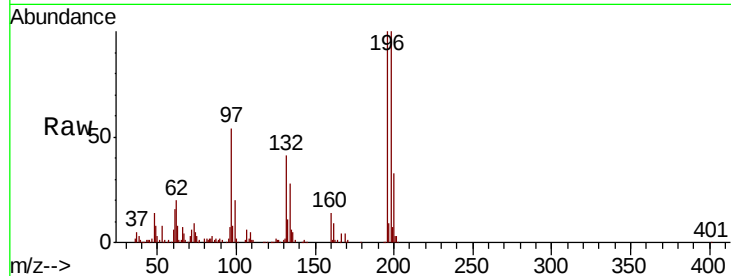




#43
 2,4,6-Trichlorophenol
 Concen: 38.354 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BG040359.D
 Acq: 4 Apr 2019 13:55

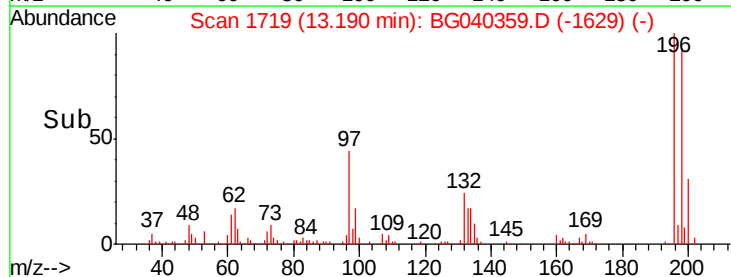
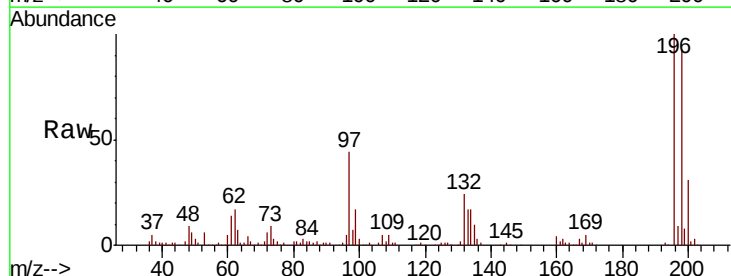
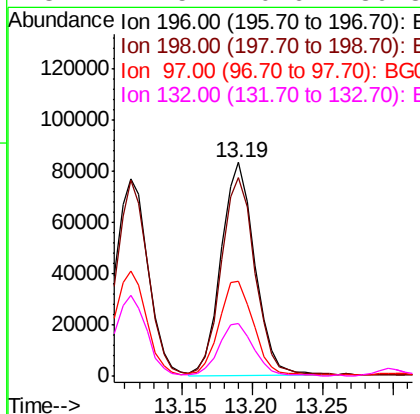
Instrument :
 BNA_G
 ClientSampleId :

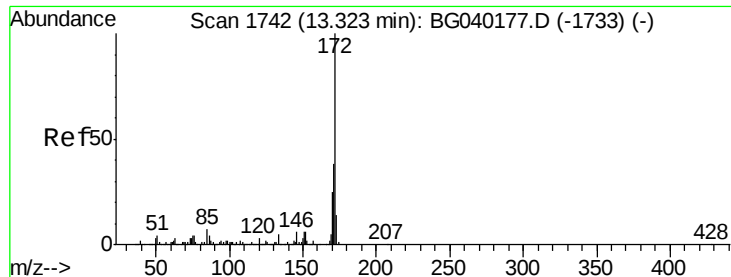
Tot Ion	196	Resp	126390
Ion Ratio	Lower	Upper	
196	100		
198	99.7	73.9	110.9
200	33.2	23.1	34.7



#44
 2,4,5-Trichlorophenol
 Concen: 38.453 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BG040359.D
 Acq: 4 Apr 2019 13:55

Tgt Ion	196	Resp	138117
Ion Ratio	Lower	Upper	
196	100		
198	93.0	75.5	113.3
97	44.3	36.3	54.5
132	24.5	20.6	30.8

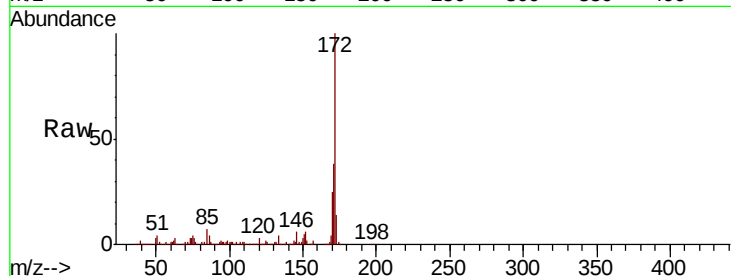




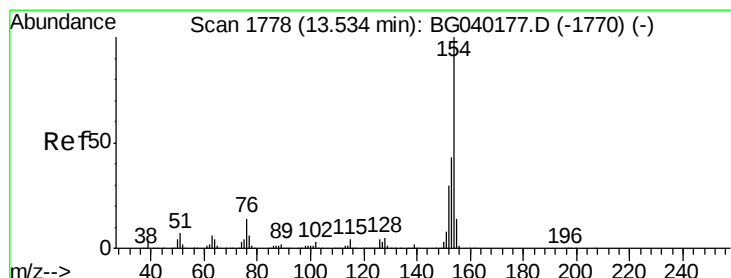
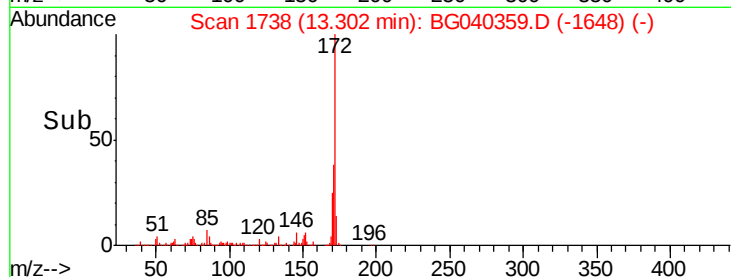
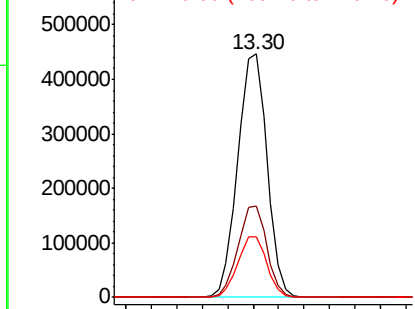
#45
2-Fluorobiphenyl
Concen: 65.993 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG040359.D
Acq: 4 Apr 2019 13:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.2	45.4
170	25.1	20.4	30.6

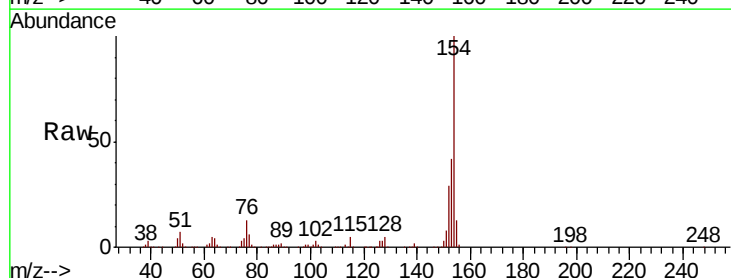


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

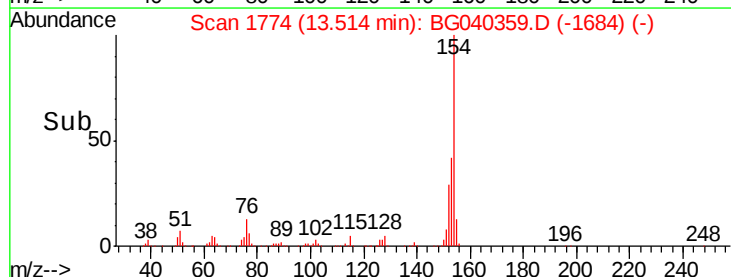
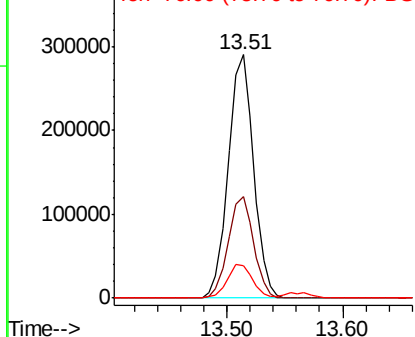


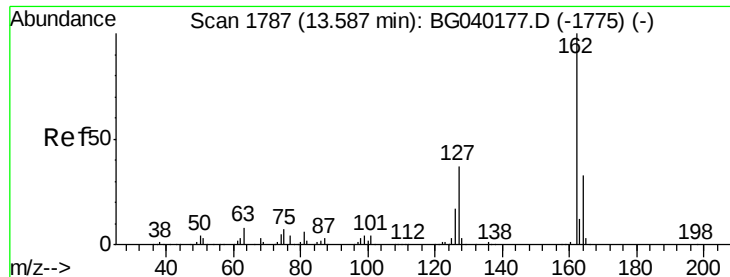
#46
1,1'-Biphenyl
Concen: 34.635 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG040359.D
Acq: 4 Apr 2019 13:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	23.3	63.3
76	13.1	0.0	32.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

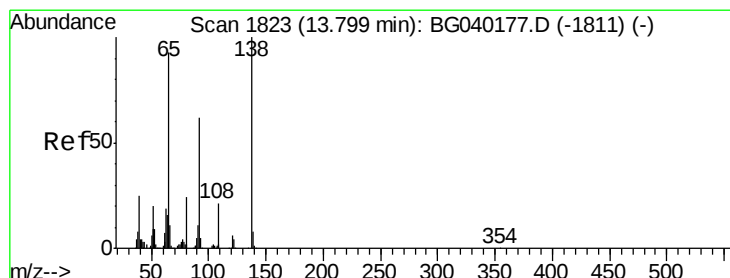
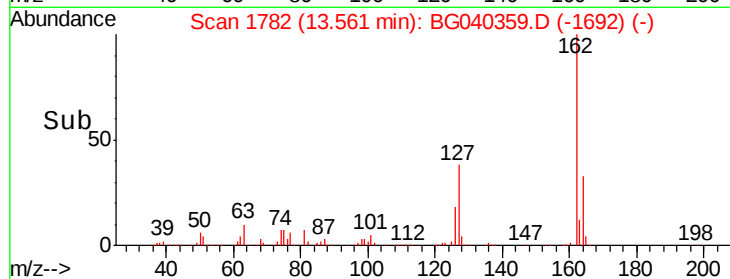
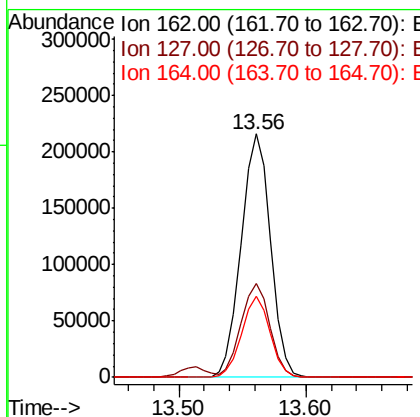
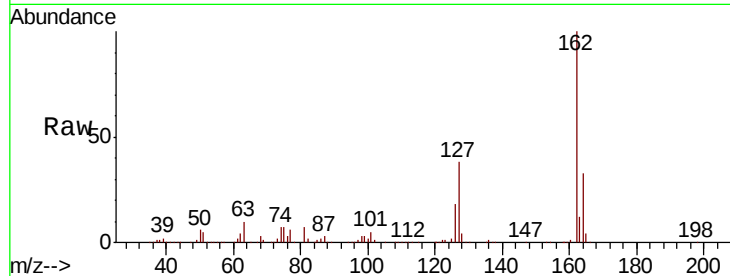




#47
 2-Chloronaphthalene
 Concen: 35.562 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: BG040359.D
 Acq: 4 Apr 2019 13:55

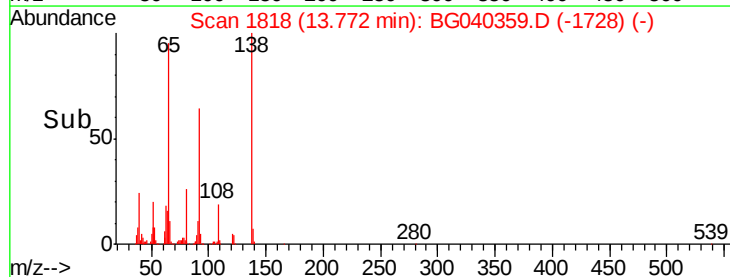
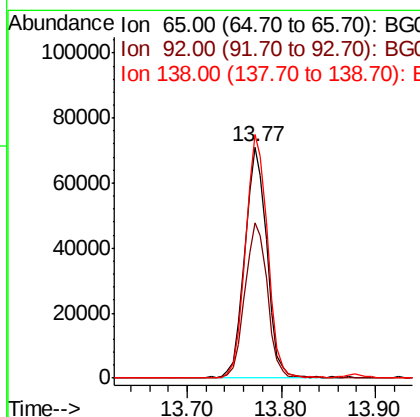
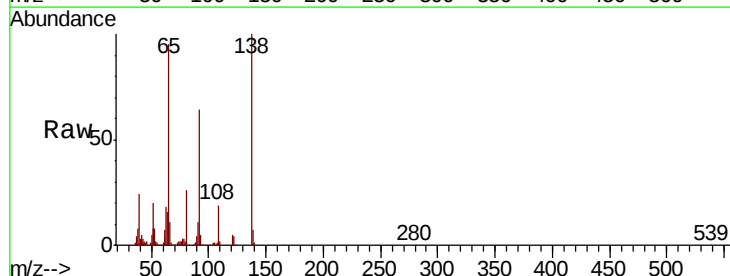
Instrument :
 BNA_G
 ClientSampleId :

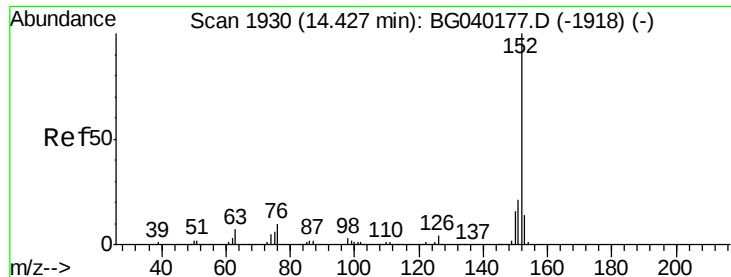
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	30.6	46.0
164	33.3	25.9	38.9



#48
 2-Nitroaniline
 Concen: 35.195 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BG040359.D
 Acq: 4 Apr 2019 13:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	55.8	83.6
138	105.3	83.3	124.9





#49

Acenaphthylene

Concen: 34.370 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

Instrument :

BNA_G

ClientSampleId :

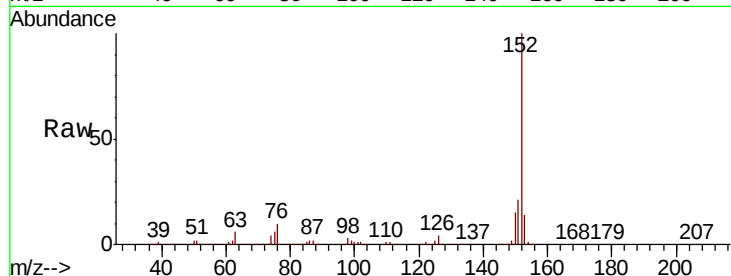
Tot Ion:152 Resp: 567974

Ion Ratio Lower Upper

152 100

151 20.6 17.3 25.9

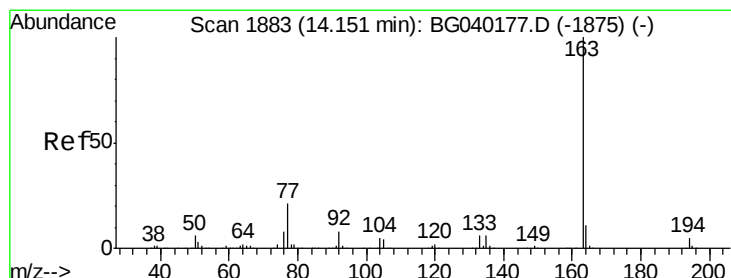
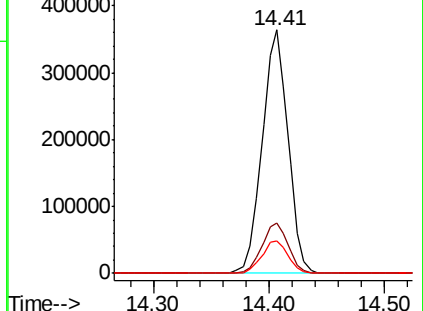
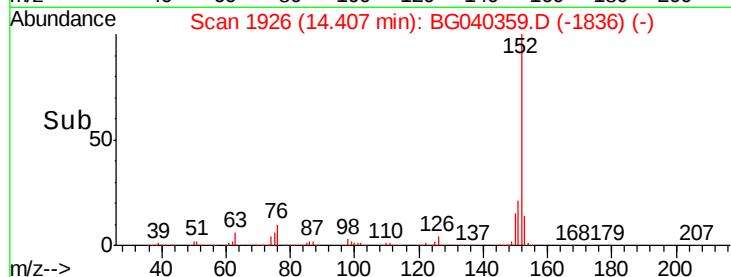
153 13.5 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.620 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

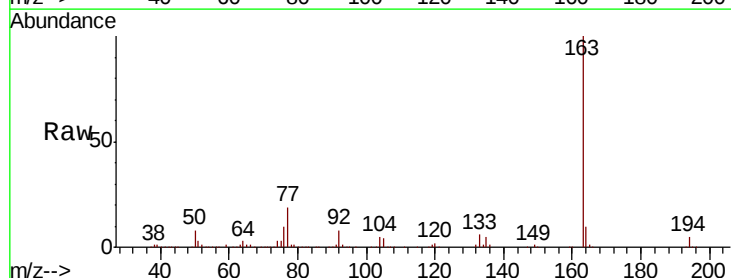
Tgt Ion:163 Resp: 498655

Ion Ratio Lower Upper

163 100

194 5.2 3.6 5.4

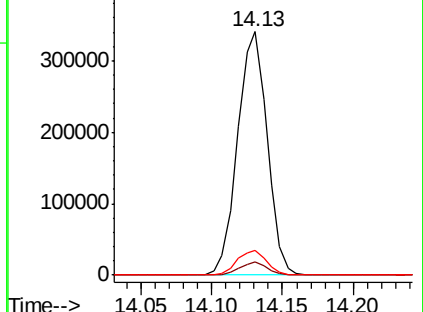
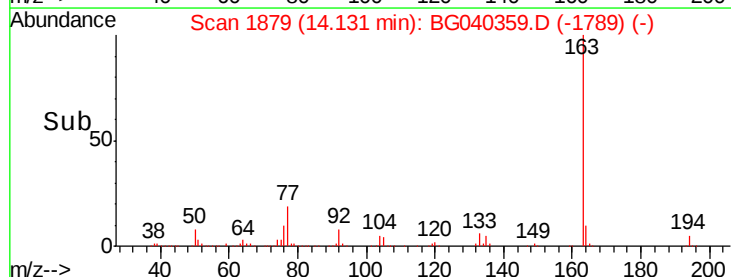
164 10.2 8.2 12.4

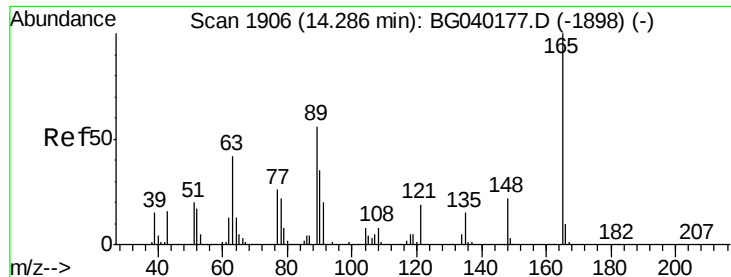


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

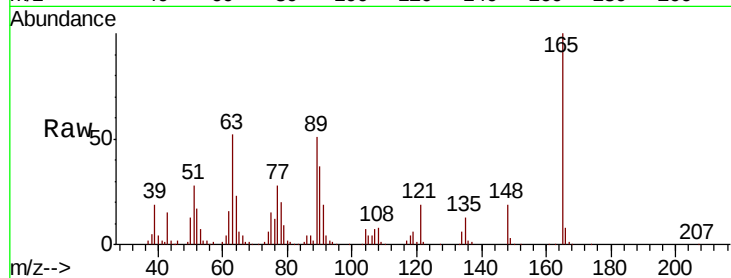




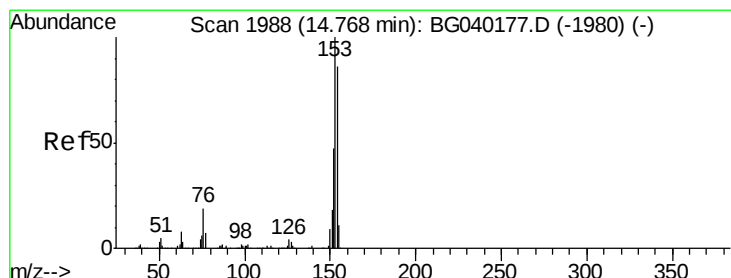
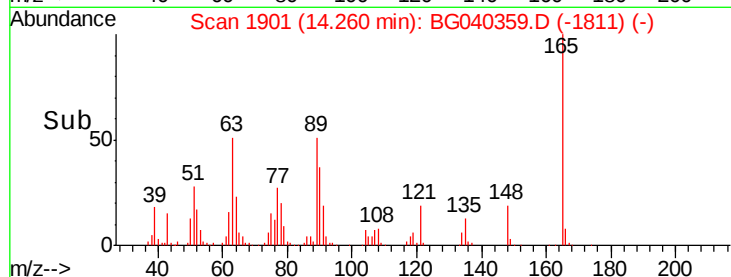
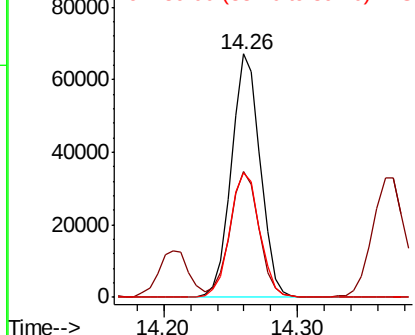
#51
 2,6-Dinitrotoluene
 Concen: 35.700 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: BG040359.D
 Acq: 4 Apr 2019 13:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 100888
 Ion Ratio Lower Upper
 165 100
 63 51.8 44.6 67.0
 89 51.3 43.9 65.9

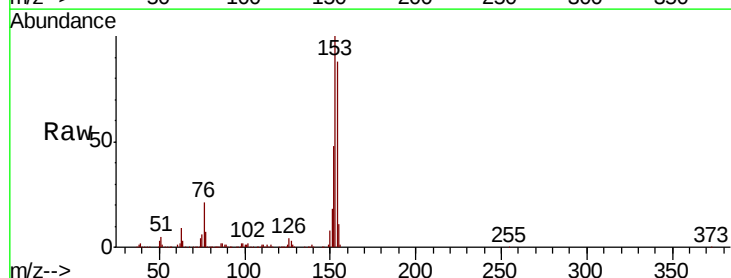


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

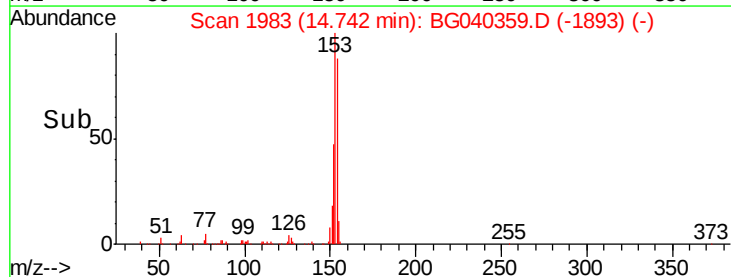
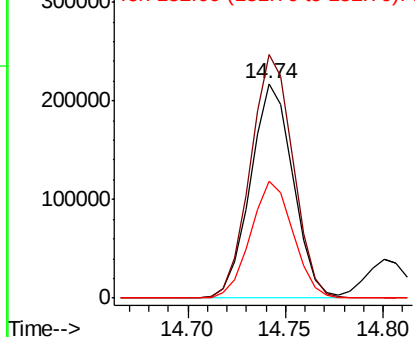


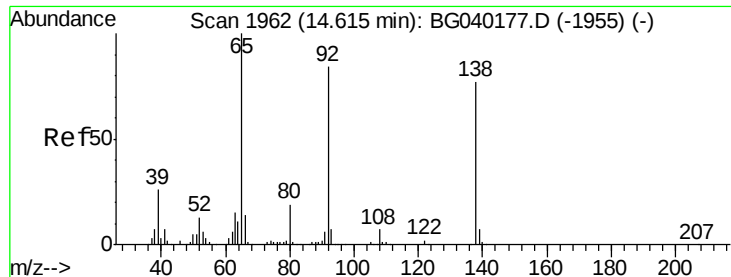
#52
 Acenaphthene
 Concen: 34.669 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG040359.D
 Acq: 4 Apr 2019 13:55

Tgt Ion:154 Resp: 328283
 Ion Ratio Lower Upper
 154 100
 153 113.5 91.6 137.4
 152 54.7 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 13.600 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

Instrument :

BNA_G

ClientSampleId :

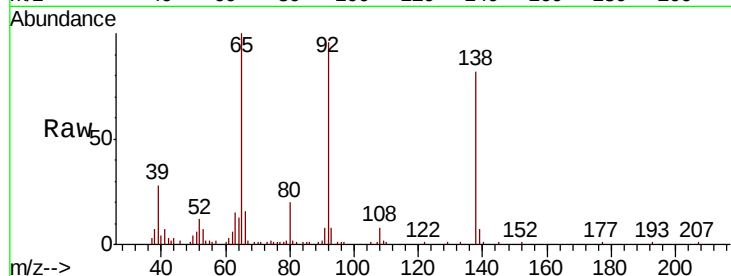
Tot Ion:138 Resp: 40683

Ion Ratio Lower Upper

138 100

108 10.4 8.8 13.2

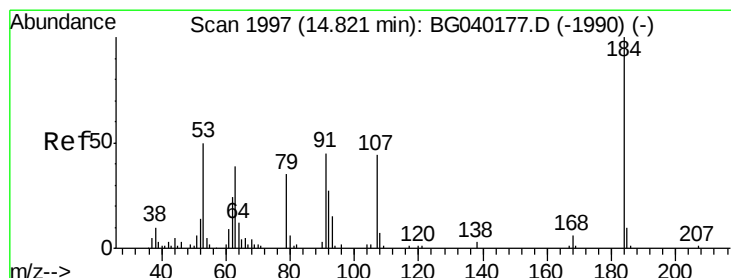
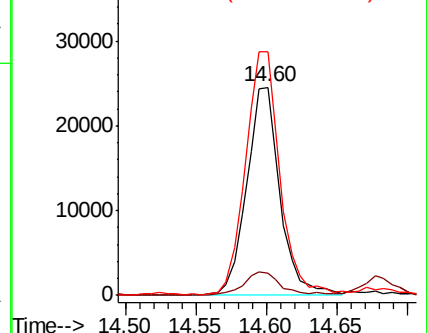
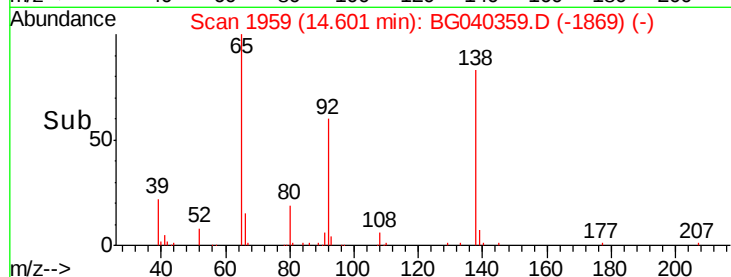
92 116.9 88.8 133.2



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): BGC



#54

2,4-Dinitrophenol

Concen: 73.707 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

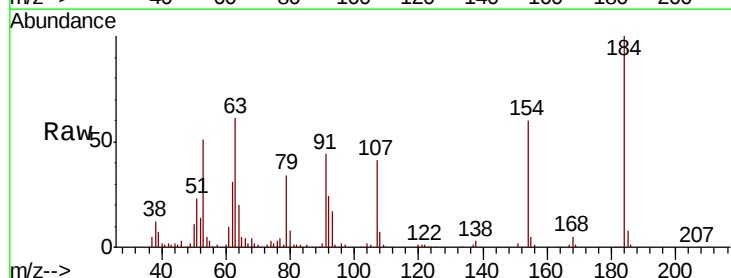
Tgt Ion:184 Resp: 110776

Ion Ratio Lower Upper

184 100

63 61.3 47.9 71.9

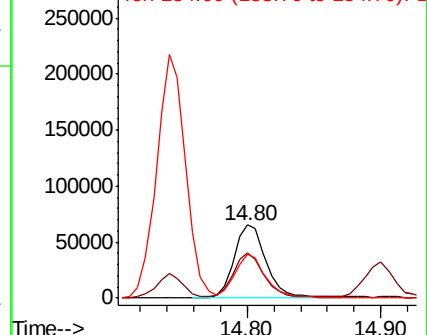
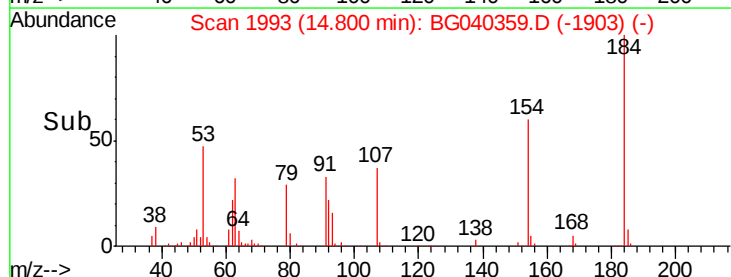
154 59.7 44.7 67.1

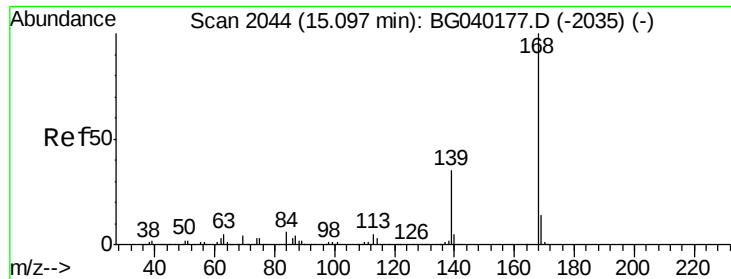


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

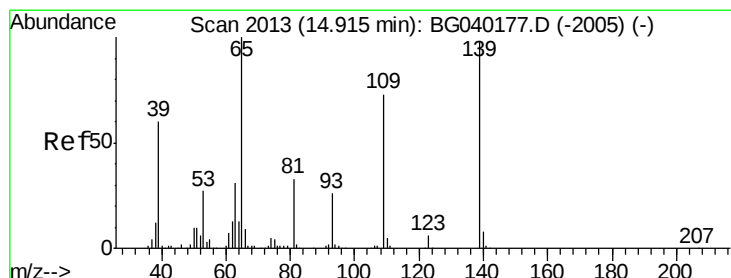
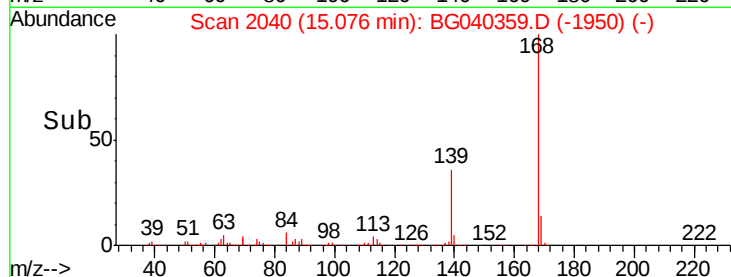
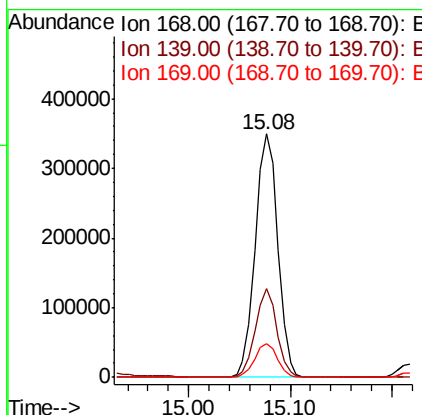
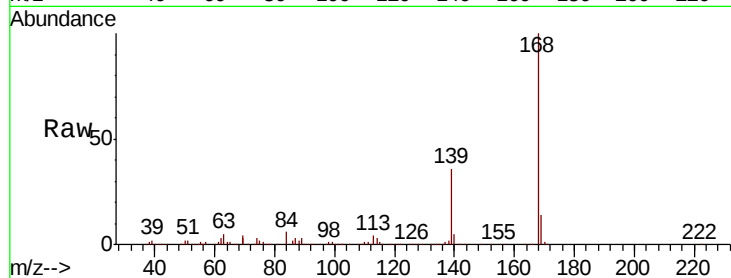




#55
Dibenzenofuran
Concen: 35.504 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG040359.D
Acq: 4 Apr 2019 13:55

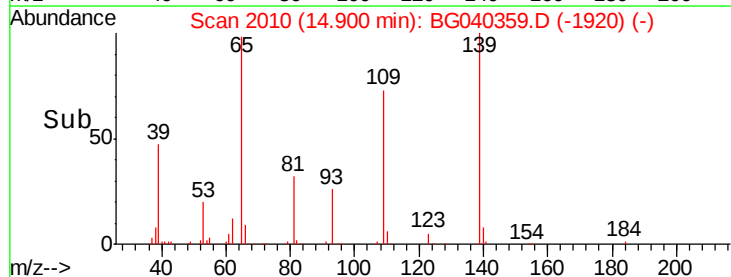
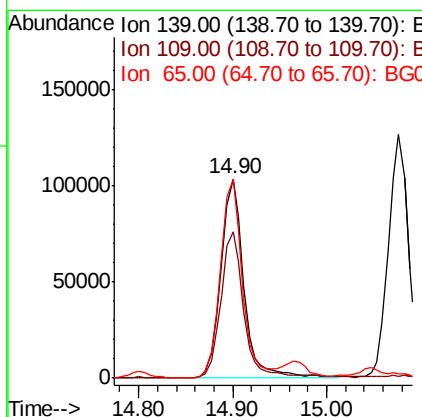
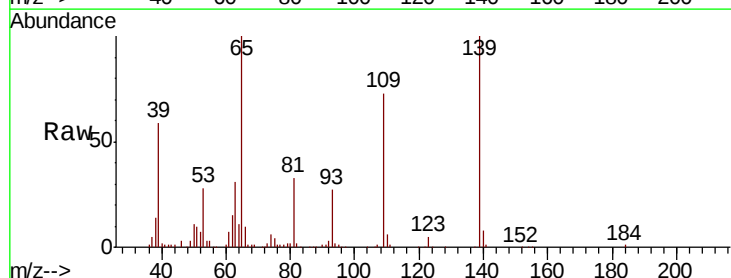
Instrument :
BNA_G
ClientSampleId :

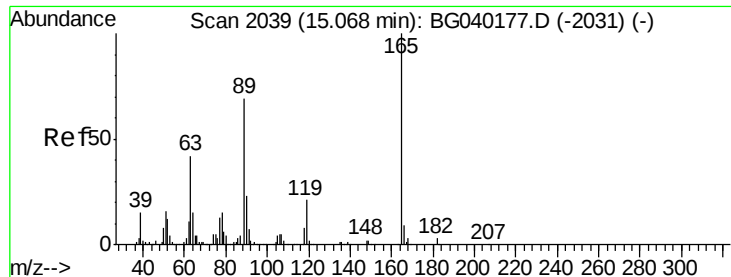
Tot Ion:168 Resp: 540214
Ion Ratio Lower Upper
168 100
139 36.2 27.9 41.9
169 13.7 11.2 16.8



#56
4-Nitrophenol
Concen: 73.575 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG040359.D
Acq: 4 Apr 2019 13:55

Tgt Ion:139 Resp: 177631
Ion Ratio Lower Upper
139 100
109 73.2 53.4 93.4
65 100.1 75.9 115.9

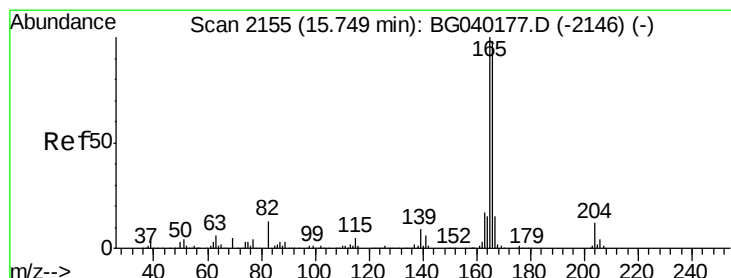
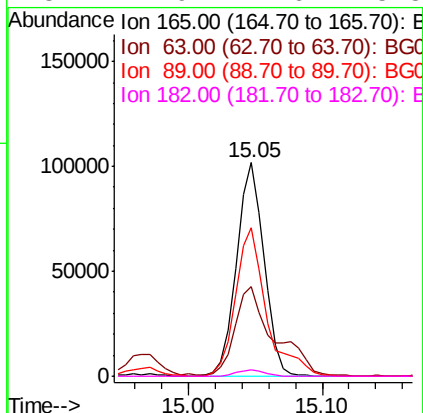
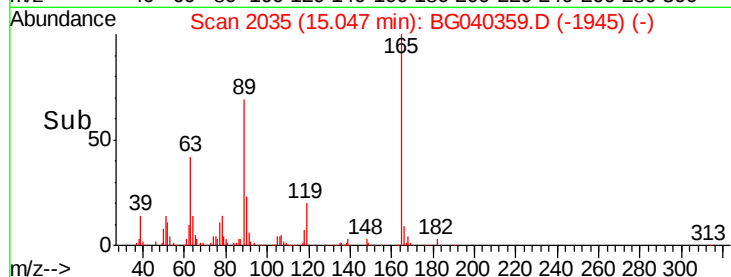
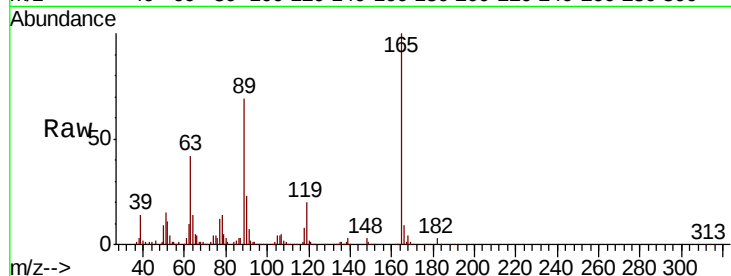




#57
2,4-Dinitrotoluene
Concen: 36.861 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG040359.D
Acq: 4 Apr 2019 13:55

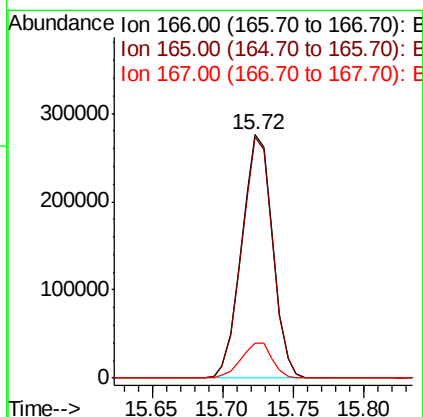
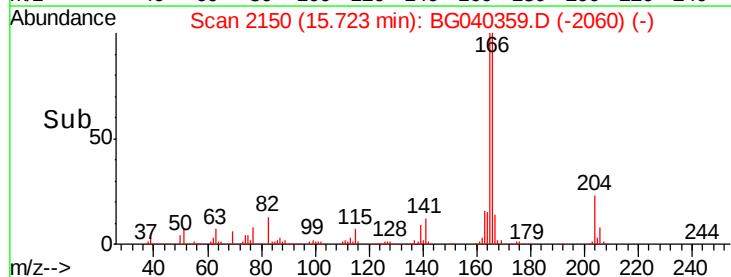
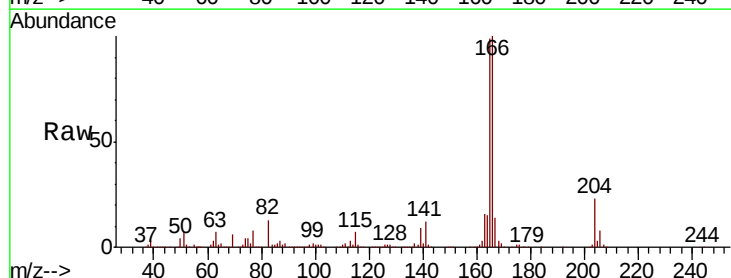
Instrument :
BNA_G
ClientSampleId :

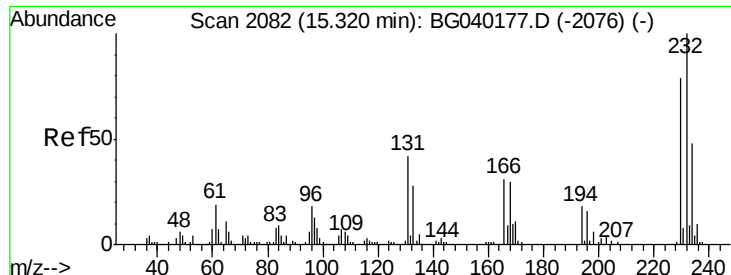
Tot Ion:165 Resp: 144742
Ion Ratio Lower Upper
165 100
63 42.1 32.2 48.2
89 69.4 54.1 81.1
182 2.9 2.6 3.8



#58
Fluorene
Concen: 35.497 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG040359.D
Acq: 4 Apr 2019 13:55

Tgt Ion:166 Resp: 424645
Ion Ratio Lower Upper
166 100
165 99.0 78.6 117.8
167 14.3 11.8 17.8

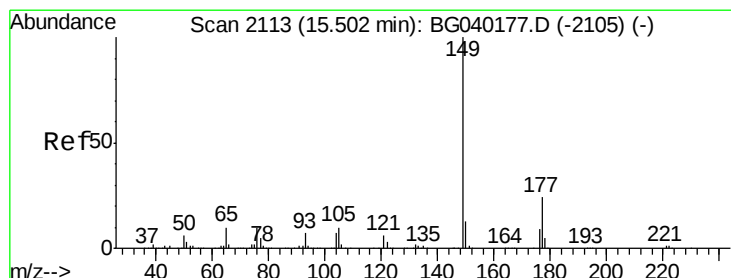
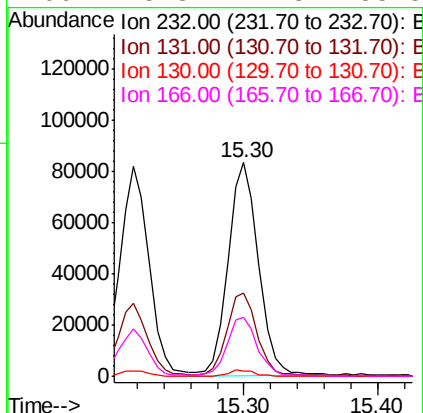
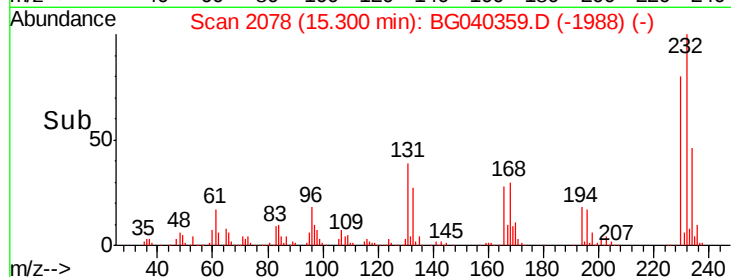
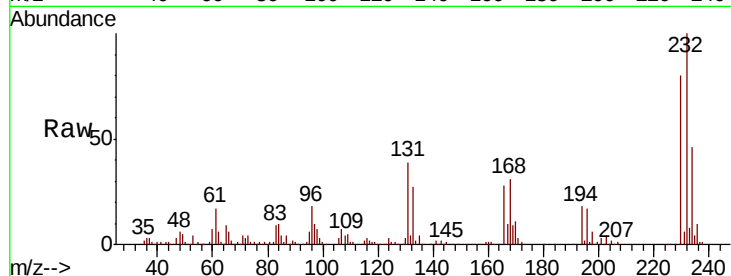




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.181 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: BG040359.D
 Acq: 4 Apr 2019 13:55

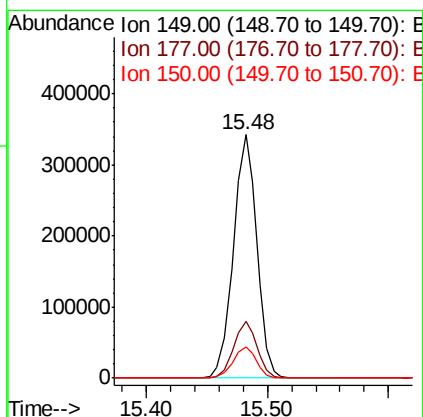
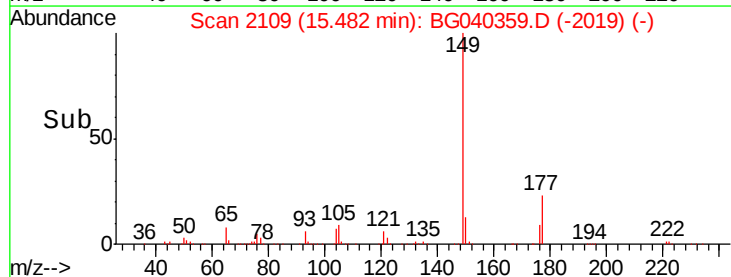
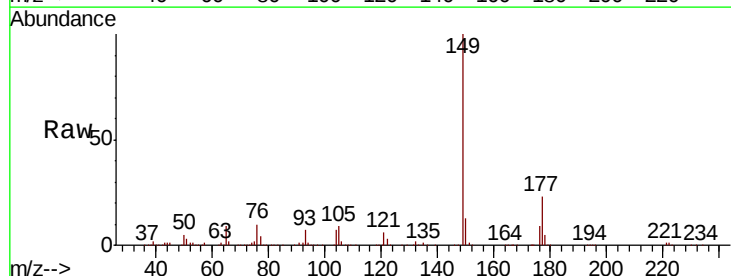
Instrument :
 BNA_G
 ClientSampleId :

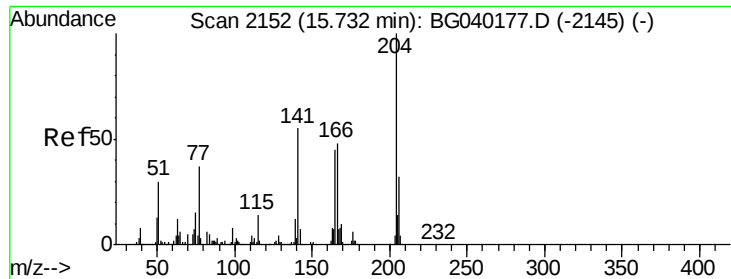
Tot Ion:	232	Resp:	130967
Ion	Ratio	Lower	Upper
232	100		
131	38.5	31.7	47.5
130	2.6	1.7	2.5#
166	28.3	22.3	33.5



#60
 Diethylphthalate
 Concen: 35.914 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BG040359.D
 Acq: 4 Apr 2019 13:55

Tgt Ion:	149	Resp:	462532
Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.8	28.2
150	12.7	10.2	15.4

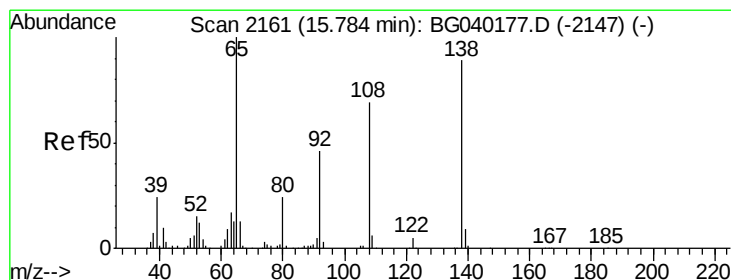
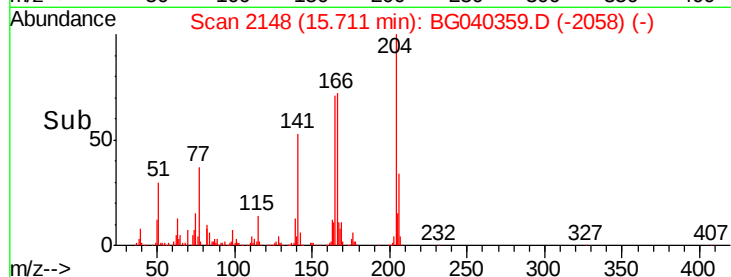
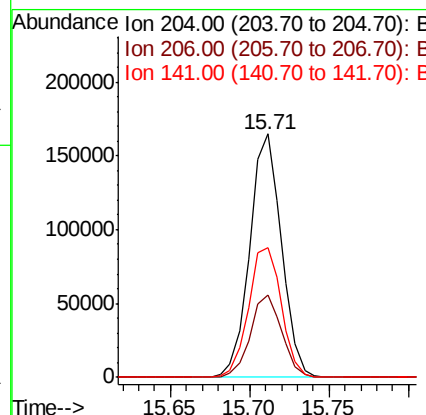
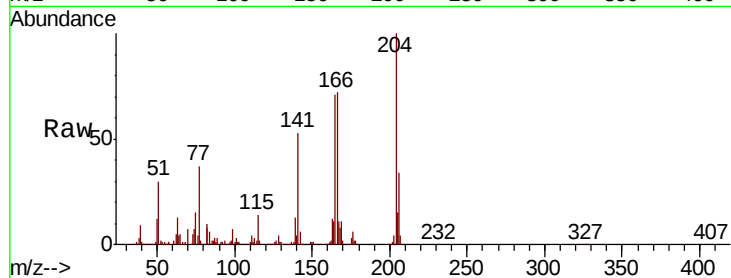




#61
 4-Chlorophenyl-phenylether
 Concen: 35.693 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG040359.D
 Acq: 4 Apr 2019 13:55

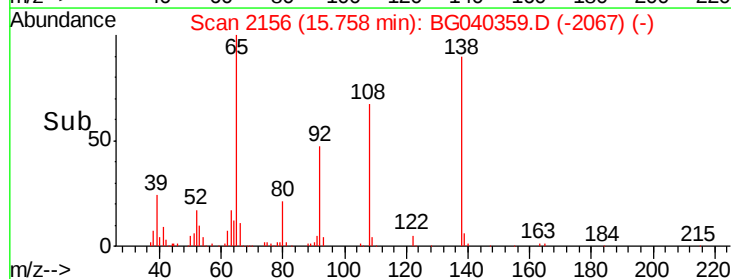
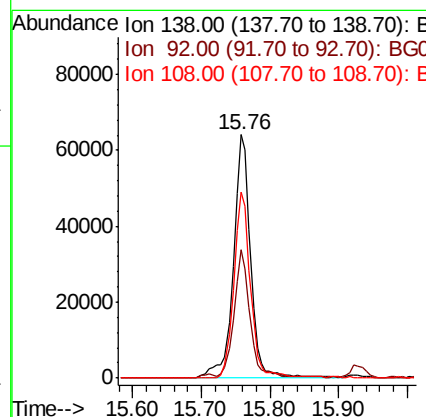
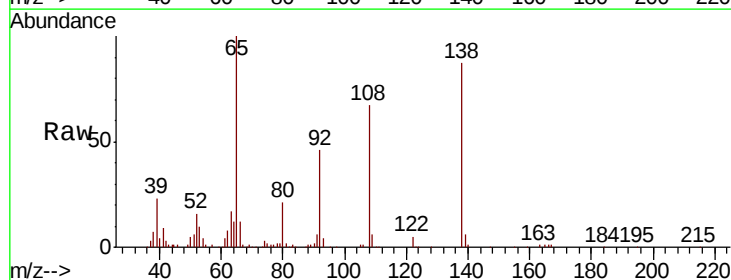
Instrument :
 BNA_G
 ClientSampled :

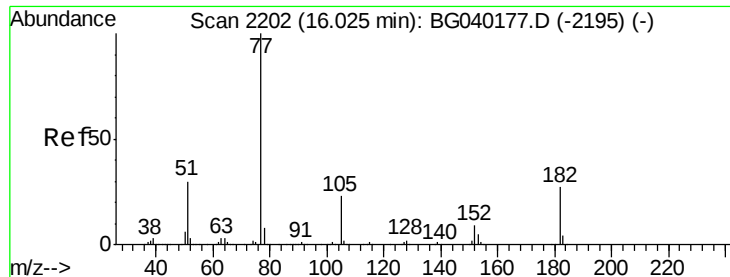
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.4	39.6
141	53.3	44.6	67.0



#62
 4-Nitroaniline
 Concen: 35.107 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG040359.D
 Acq: 4 Apr 2019 13:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.5	30.8	70.8
108	76.5	57.0	97.0





#63

Azobenzene

Concen: 34.924 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 424267

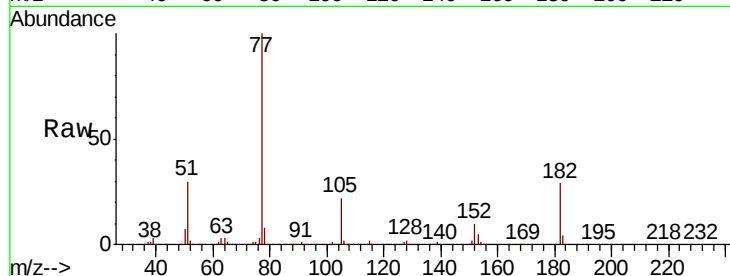
Ion	Ratio	Lower	Upper
77	100		
182	28.8	8.5	48.5
105	21.9	3.2	43.2
51	30.1	11.3	51.3

77 100

182 28.8 8.5 48.5

105 21.9 3.2 43.2

51 30.1 11.3 51.3

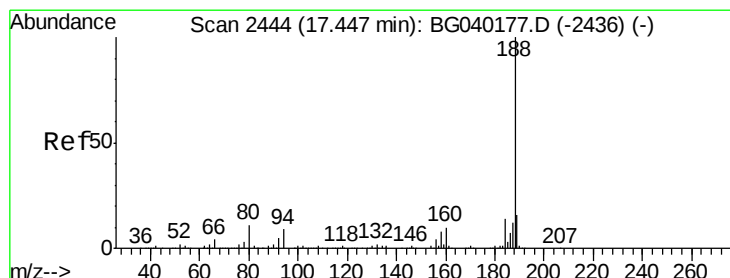
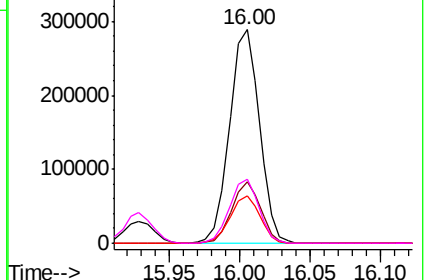
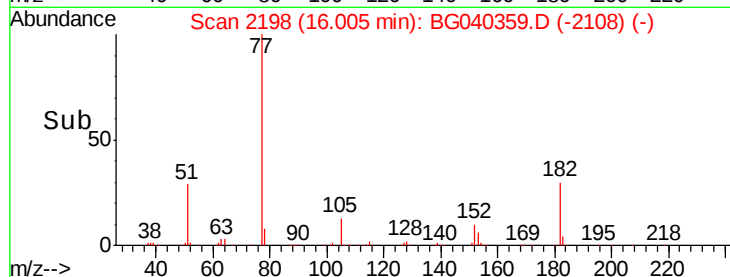


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

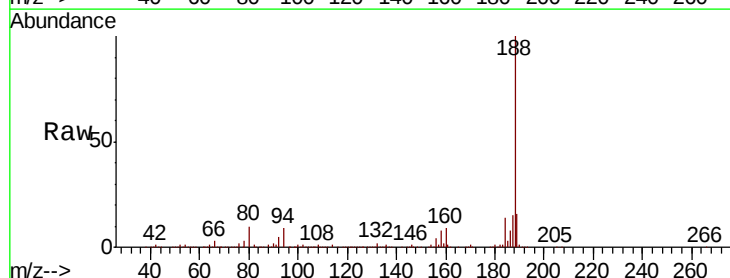
Tgt Ion: 188 Resp: 383584

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.6	10.0
80	9.7	7.6	11.4

188 100

94 8.9 6.6 10.0

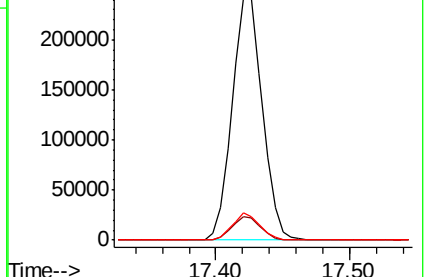
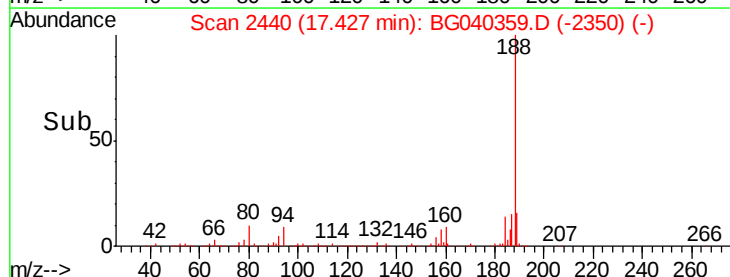
80 9.7 7.6 11.4

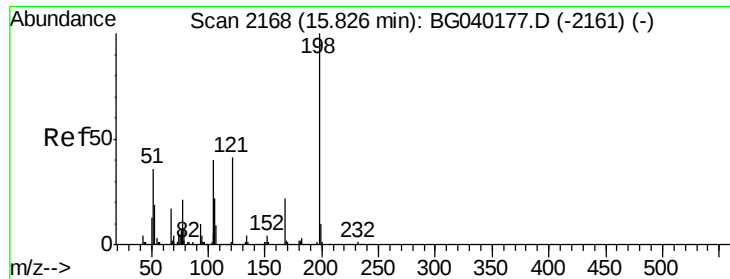


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

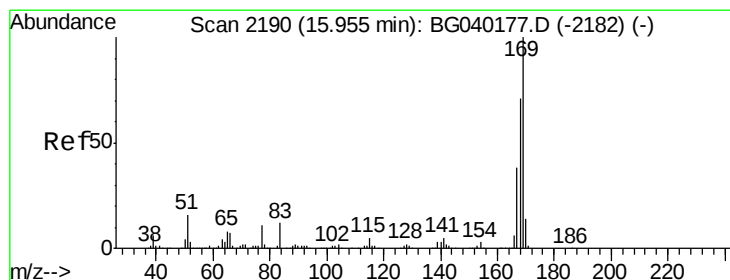
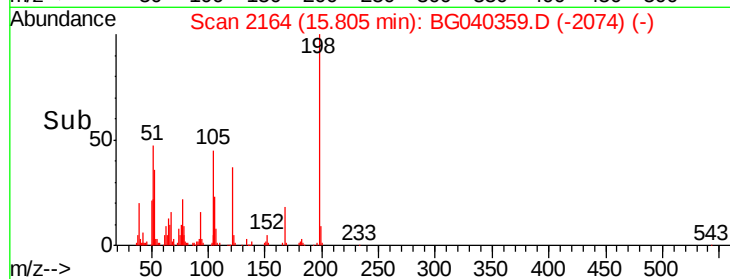
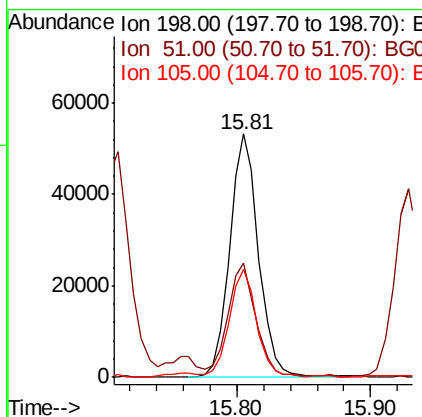
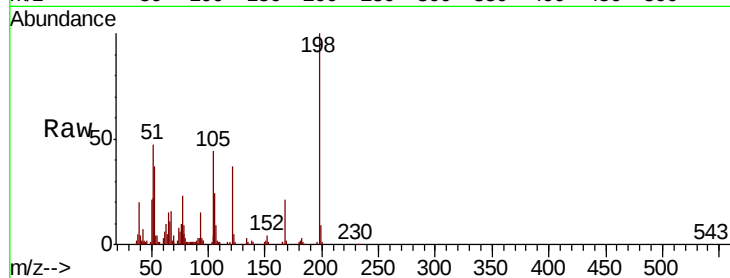




#65
4,6-Dinitro-2-methylphenol
Concen: 37.181 ng
RT: 15.81 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BG040359.D
Acq: 4 Apr 2019 13:55

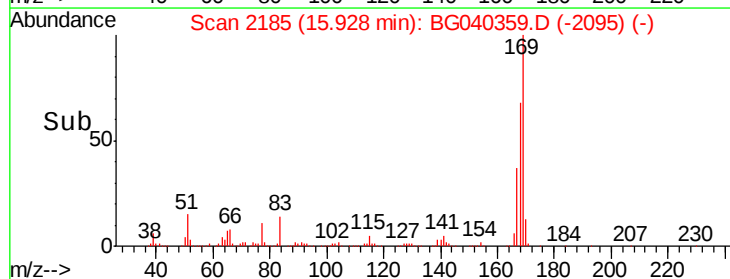
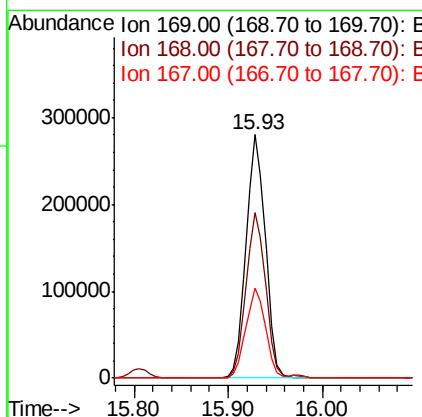
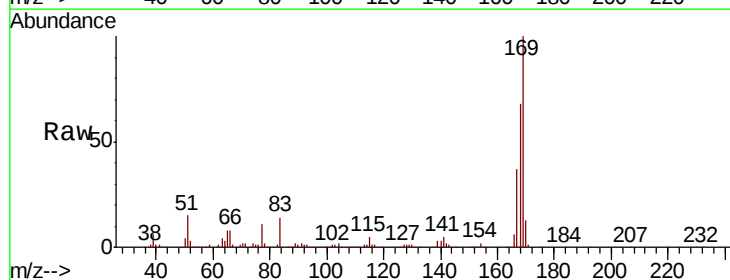
Instrument :
BNA_G
ClientSampleId :

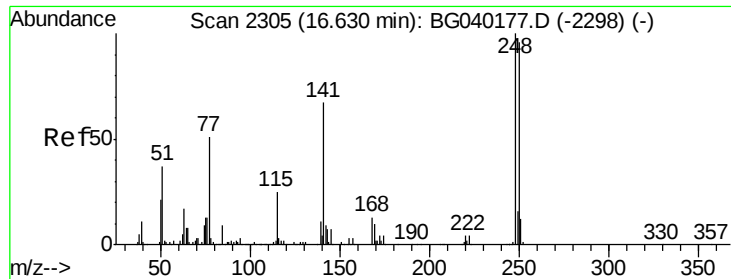
Tot Ion:198 Resp: 80126
Ion Ratio Lower Upper
198 100
51 47.0 27.3 67.3
105 44.2 19.5 59.5



#66
n-Nitrosodiphenylamine
Concen: 35.717 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG040359.D
Acq: 4 Apr 2019 13:55

Tgt Ion:169 Resp: 400918
Ion Ratio Lower Upper
169 100
168 68.2 53.9 80.9
167 37.0 30.8 46.2

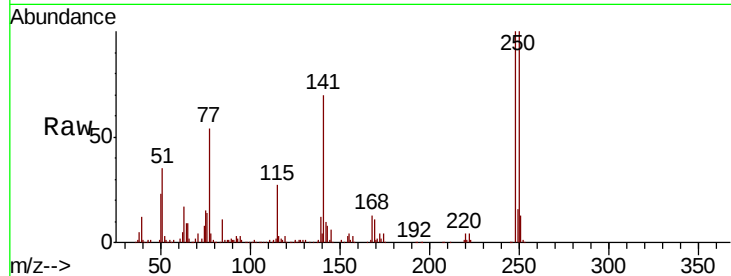




#67
4-Bromophenyl-phenylether
Concen: 34.086 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BG040359.D
Acq: 4 Apr 2019 13:55

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.9	77.5	116.3
141	70.3	54.8	82.2

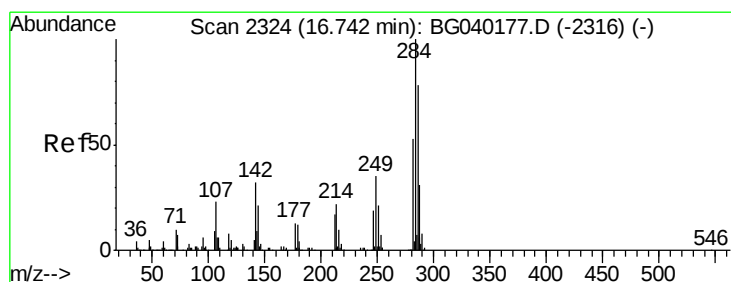
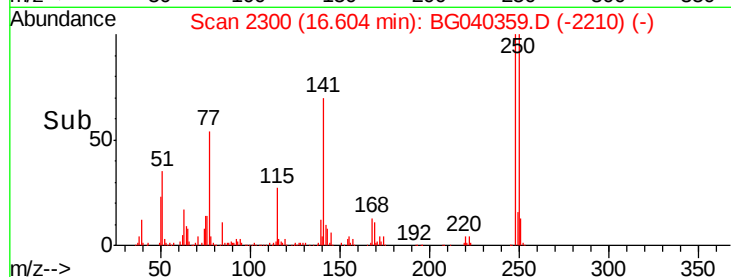
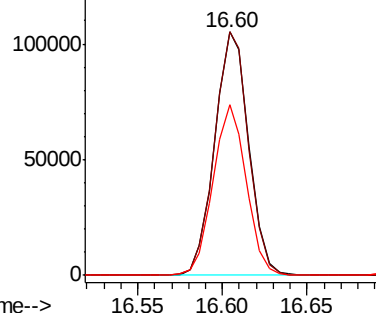


Abundance

Ion 248.00 (247.70 to 248.70): E

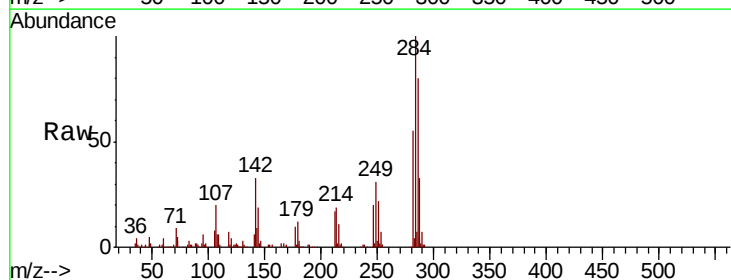
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 35.410 ng
RT: 16.72 min Scan# 2320
Delta R.T. 0.01 min
Lab File: BG040359.D
Acq: 4 Apr 2019 13:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	28.6	42.8
249	33.9	27.3	40.9

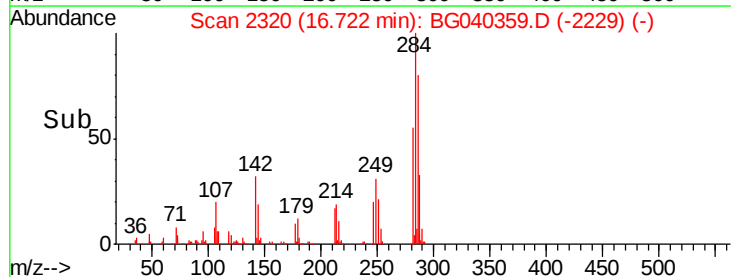
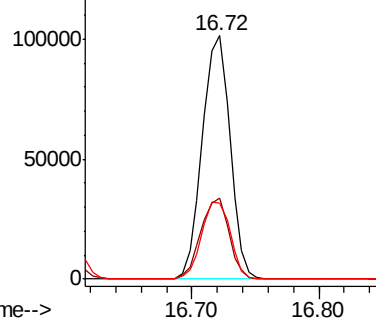


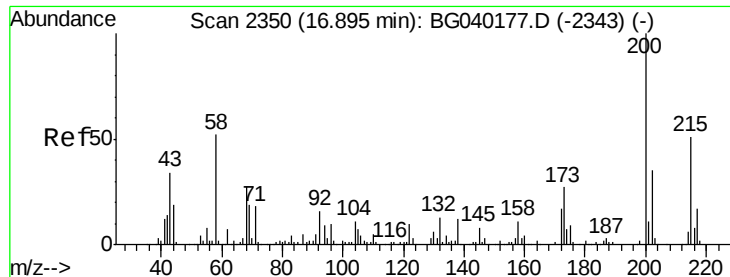
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 36.061 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.01 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

Instrument :

BNA_G

ClientSampleId :

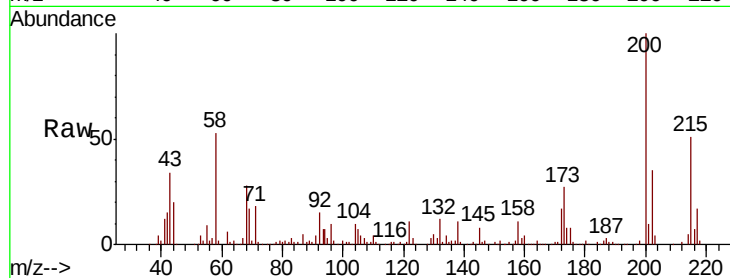
Tot Ion:200 Resp: 150571

Ion Ratio Lower Upper

200 100

173 26.8 5.3 45.3

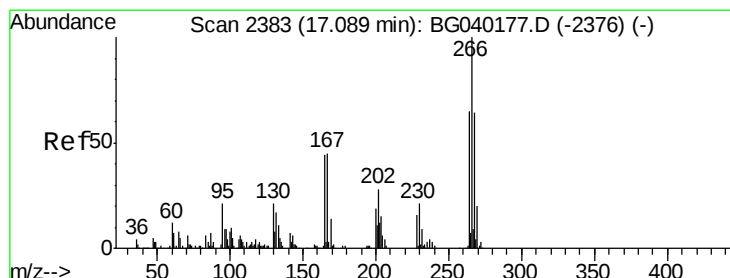
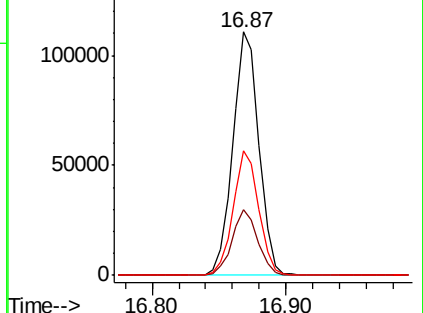
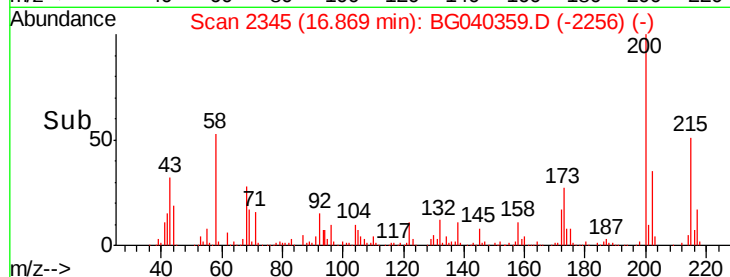
215 51.0 29.6 69.6



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: 73.297 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

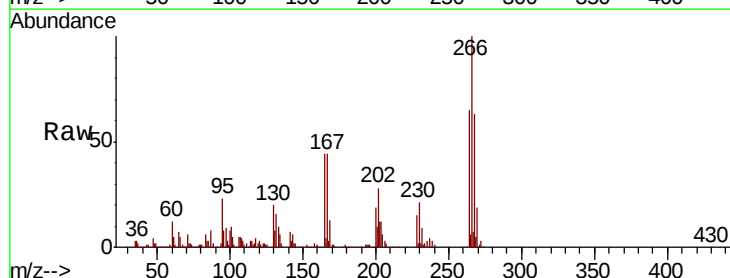
Tgt Ion:266 Resp: 183919

Ion Ratio Lower Upper

266 100

268 62.6 51.1 76.7

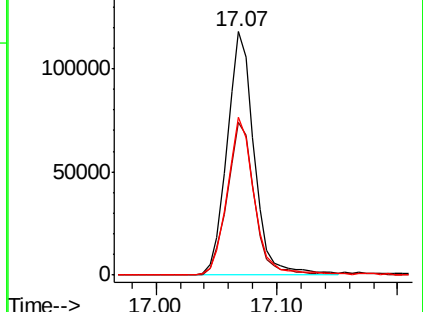
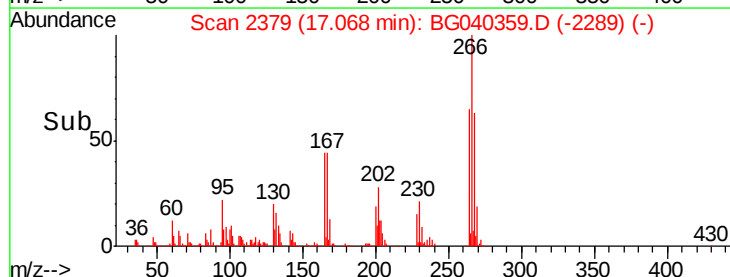
264 65.0 51.6 77.4

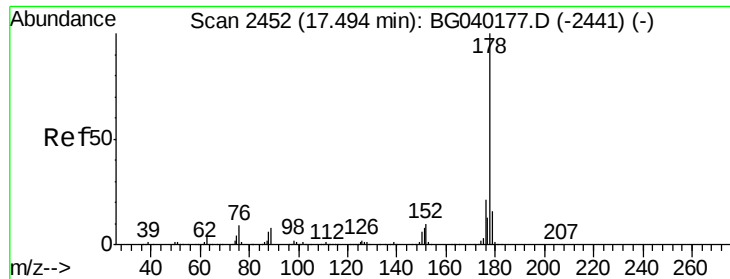


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 35.957 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

Instrument :

BNA_G

ClientSampleId :

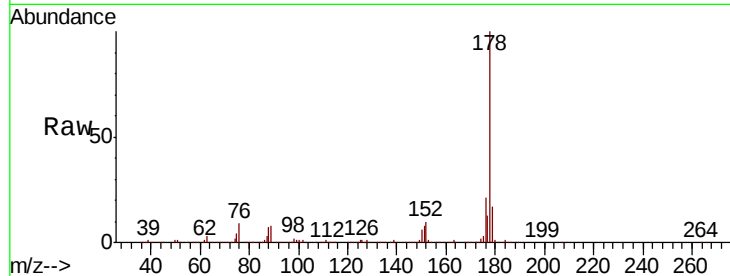
Tot Ion:178 Resp: 724965

Ion Ratio Lower Upper

178 100

176 20.5 16.8 25.2

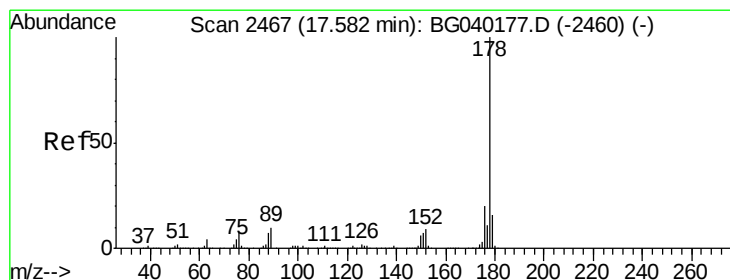
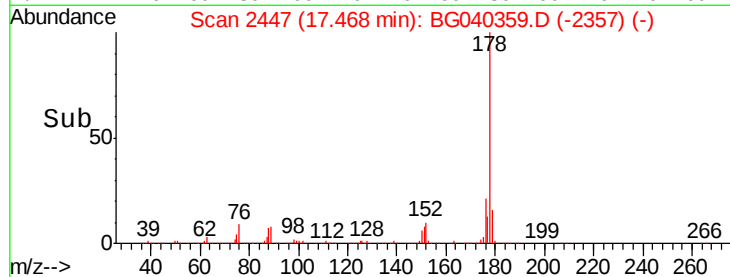
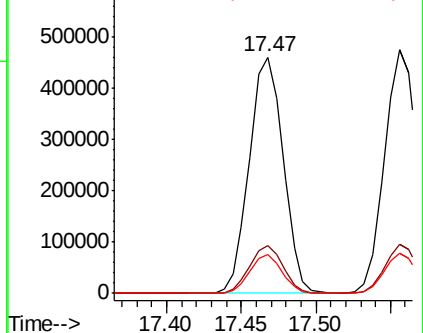
179 16.5 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.383 ng

RT: 17.56 min Scan# 2462

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

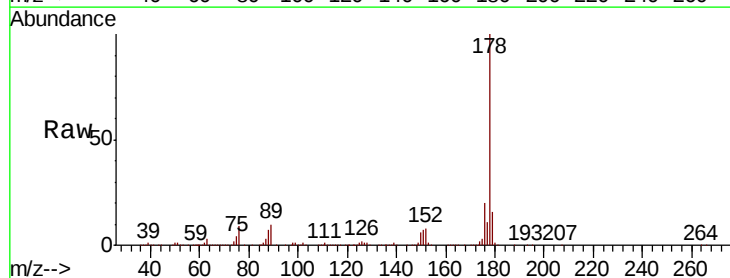
Tgt Ion:178 Resp: 734215

Ion Ratio Lower Upper

178 100

176 20.2 16.0 24.0

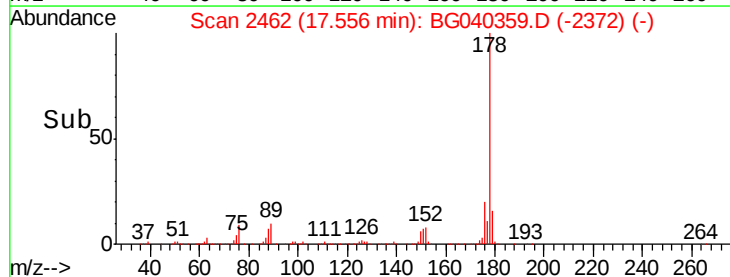
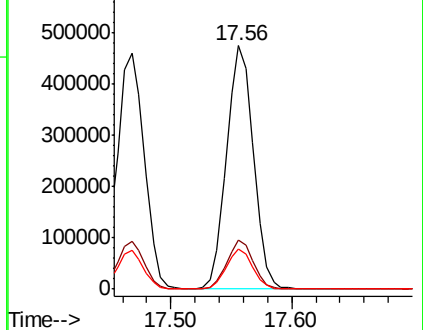
179 16.4 13.3 19.9

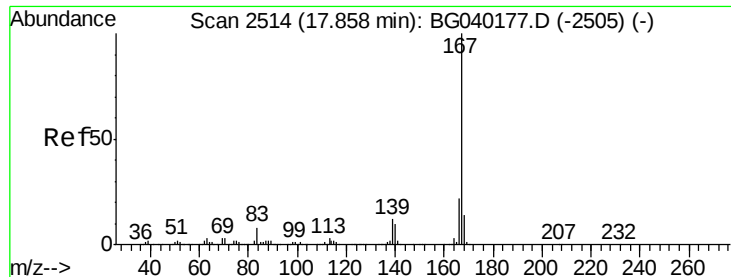


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.715 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

Instrument :

BNA_G

ClientSampleId :

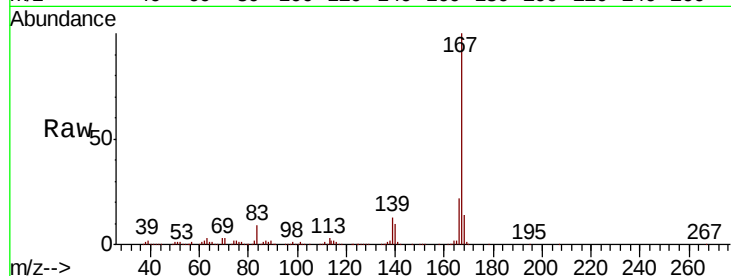
Tot Ion:167 Resp: 720294

Ion Ratio Lower Upper

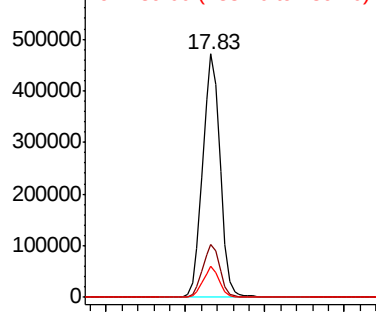
167 100

166 21.5 18.2 27.4

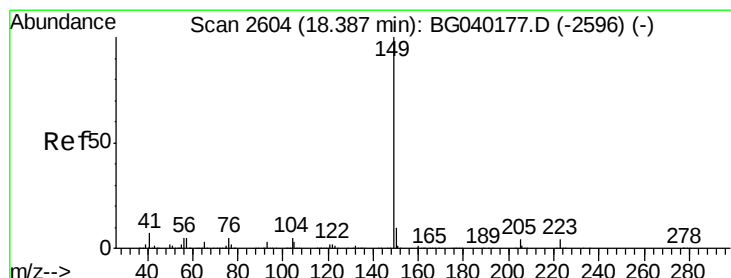
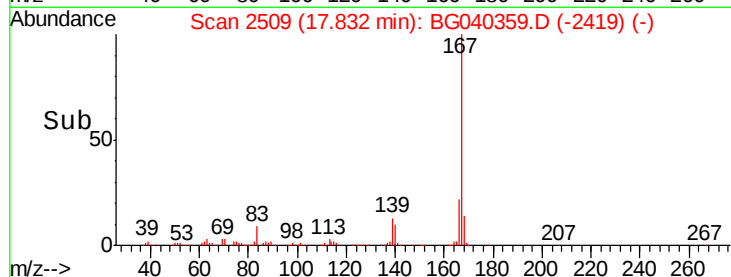
139 12.6 9.7 14.5



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



Time--> 17.70 17.80 17.90 18.00



#74

Di-n-butylphthalate

Concen: 36.132 ng

RT: 18.36 min Scan# 2599

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

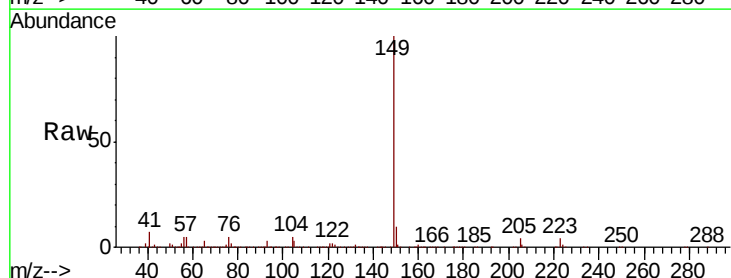
Tgt Ion:149 Resp: 817978

Ion Ratio Lower Upper

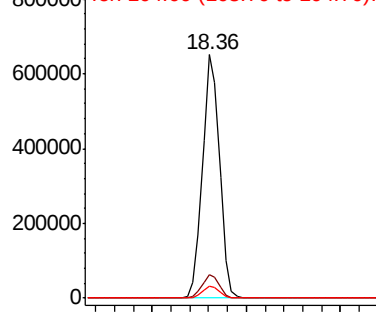
149 100

150 9.8 8.0 12.0

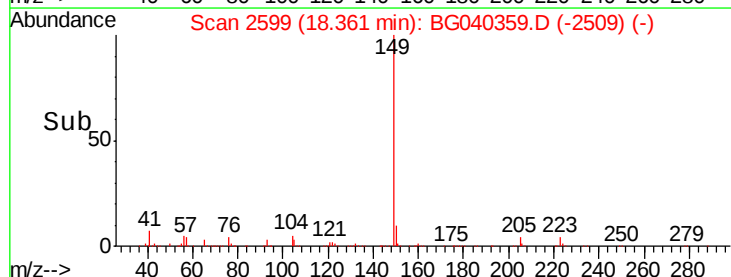
104 5.1 4.4 6.6

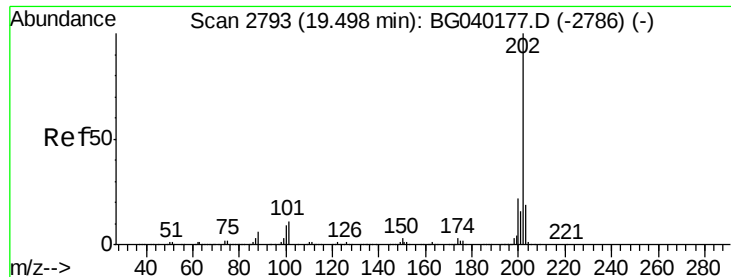


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time--> 18.30 18.40 18.50





#75

Fluoranthene

Concen: 37.598 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

Instrument :

BNA_G

ClientSampleId :

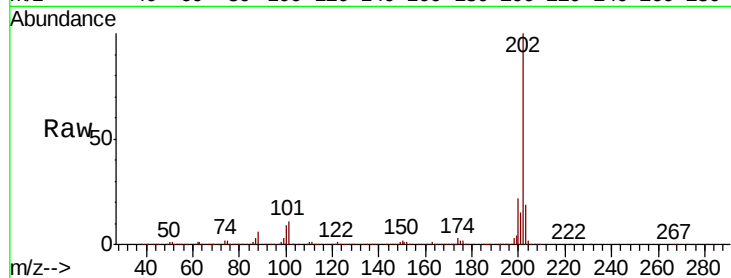
Tot Ion:202 Resp: 897616

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.7

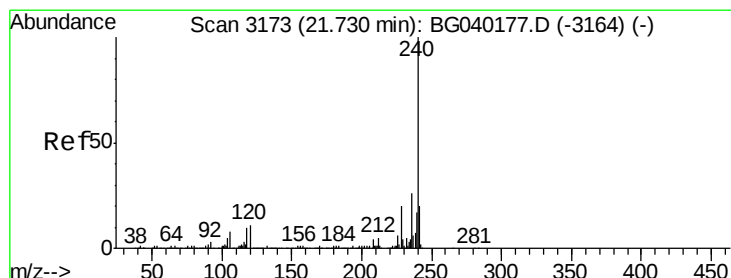
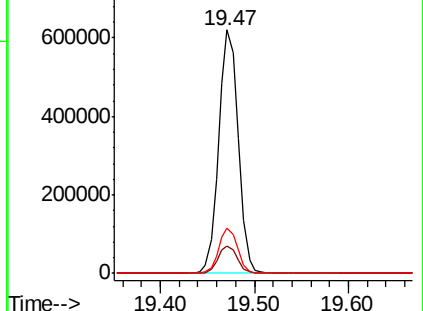
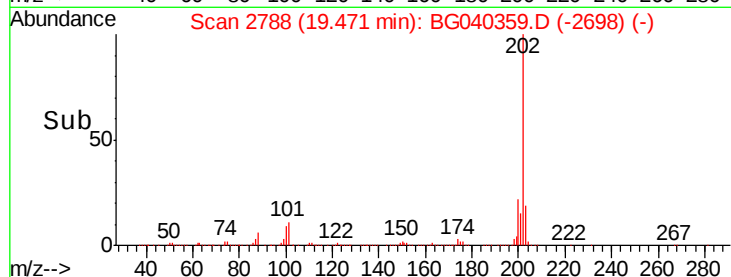
203 18.7 0.0 39.6



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. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

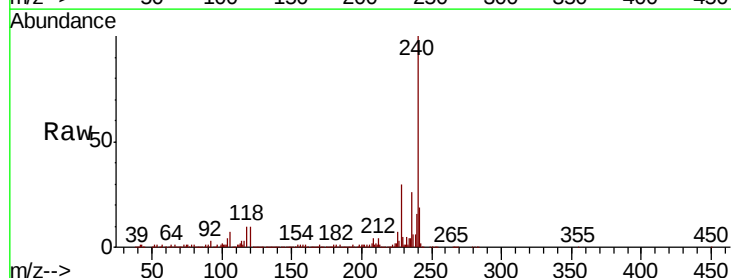
Tgt Ion:240 Resp: 411602

Ion Ratio Lower Upper

240 100

120 10.1 8.2 12.2

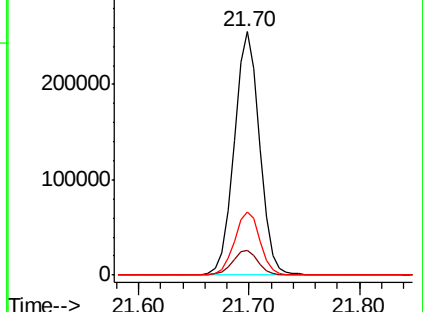
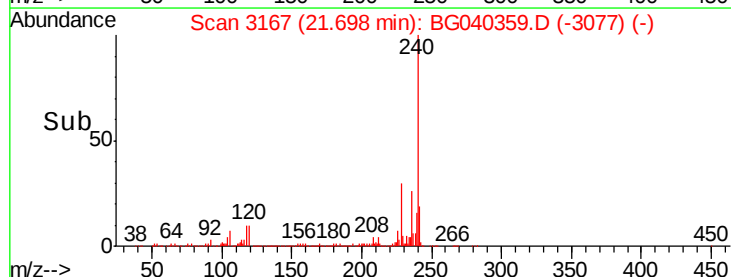
236 26.0 21.7 32.5

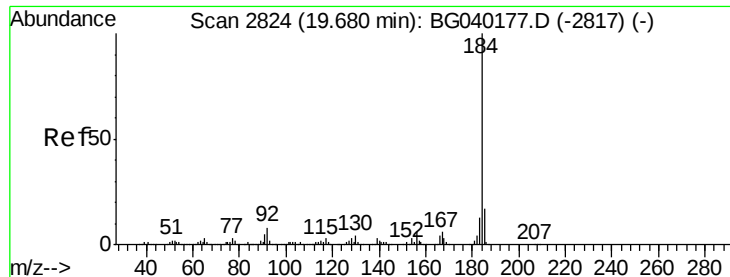


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.316 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

Instrument :

BNA_G

ClientSampleId :

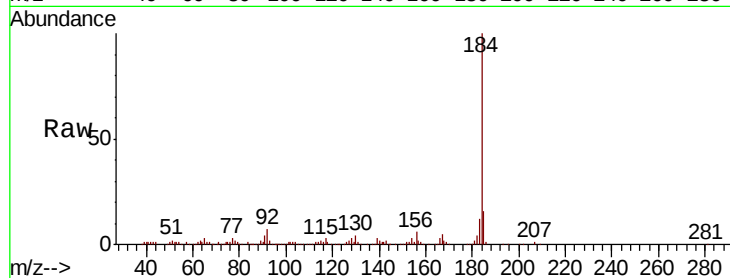
Tot Ion:184 Resp: 272242

Ion Ratio Lower Upper

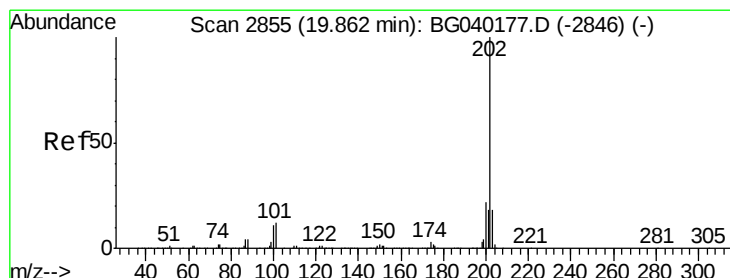
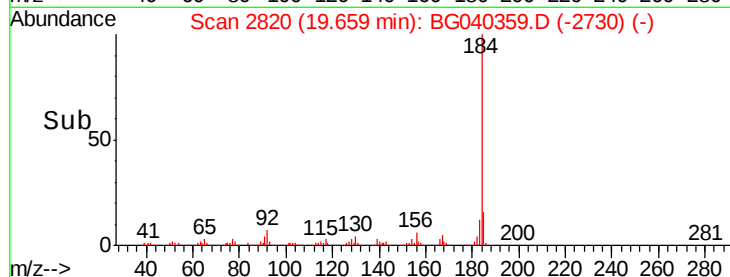
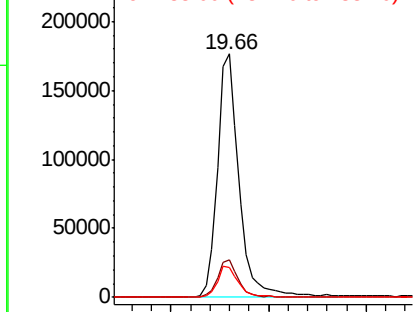
184 100

185 15.7 13.0 19.4

183 12.3 10.2 15.4



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: 33.411 ng

RT: 19.84 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

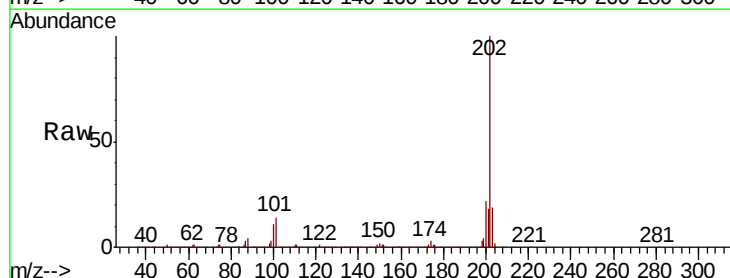
Tgt Ion:202 Resp: 904360

Ion Ratio Lower Upper

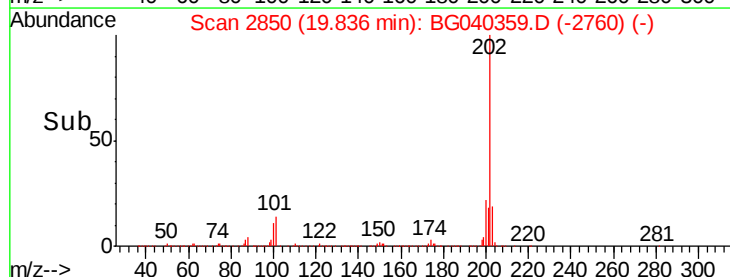
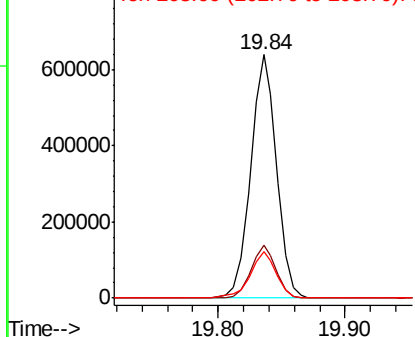
202 100

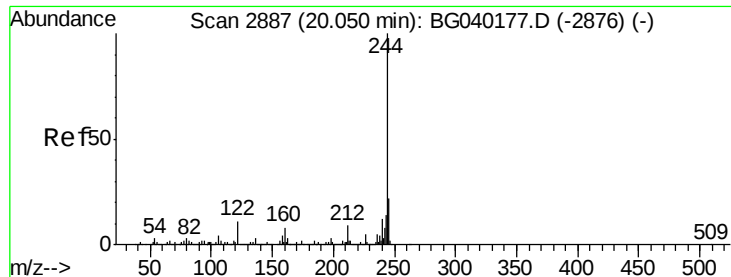
200 21.8 18.7 28.1

203 19.1 15.9 23.9



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: 63.001 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

Instrument :

BNA_G

ClientSampled :

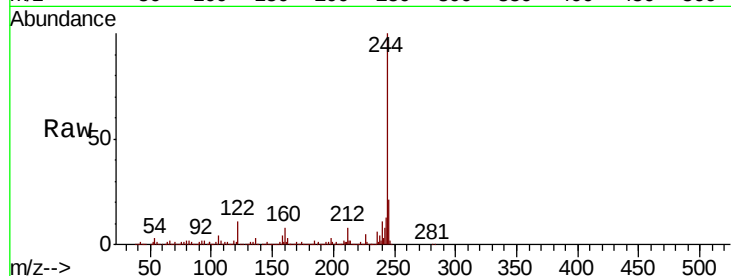
Tot Ion:244 Resp: 1152690

Ion Ratio Lower Upper

244 100

212 8.4 7.5 11.3

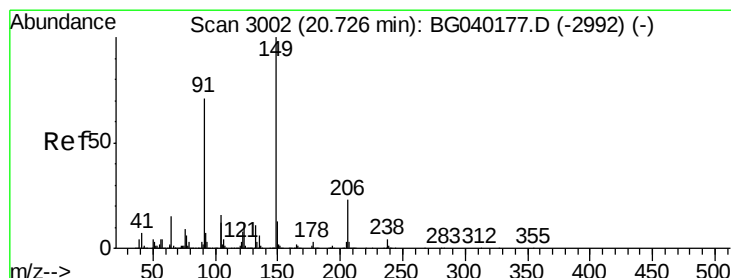
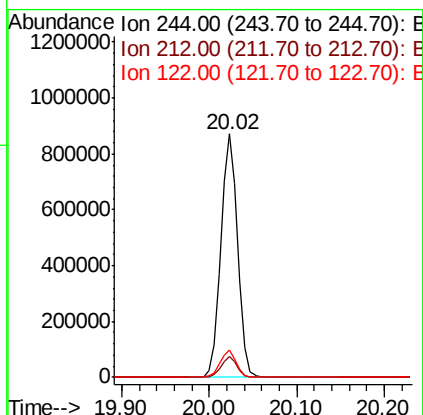
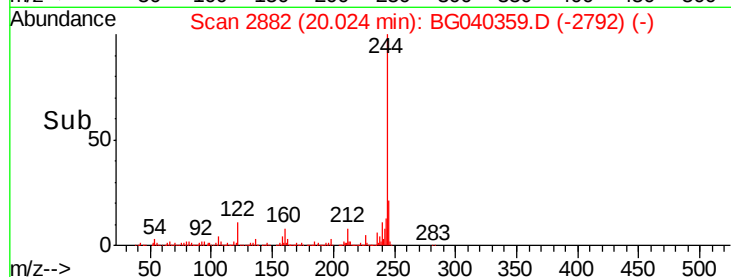
122 11.3 9.5 14.3



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: 35.139 ng

RT: 20.71 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

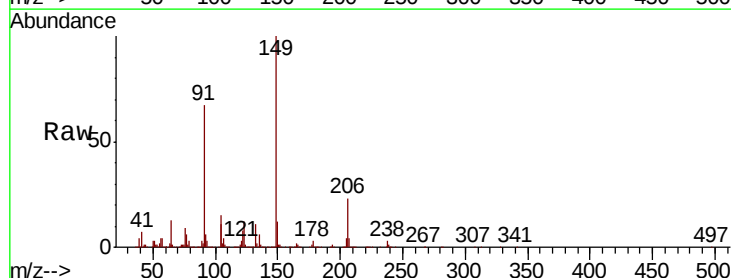
Tgt Ion:149 Resp: 406993

Ion Ratio Lower Upper

149 100

91 66.8 53.4 80.2

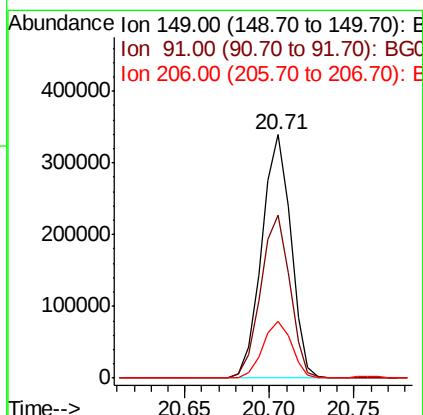
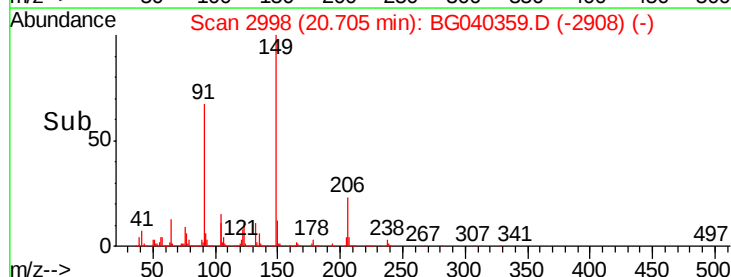
206 23.2 19.8 29.6

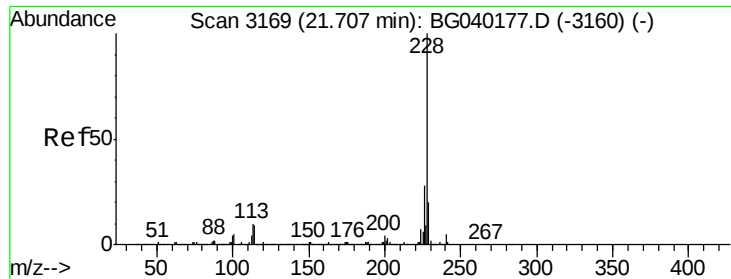


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.734 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

Instrument :

BNA_G

ClientSampleId :

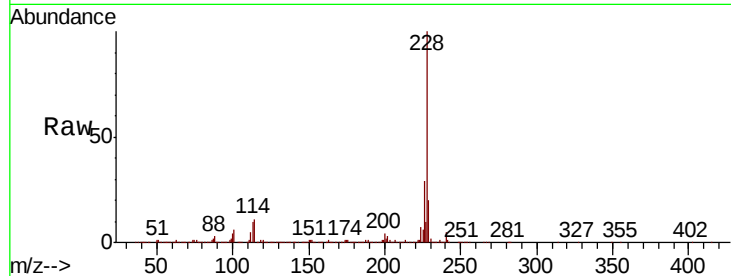
Tot Ion:228 Resp: 855238

Ion Ratio Lower Upper

228 100

226 28.9 23.6 35.4

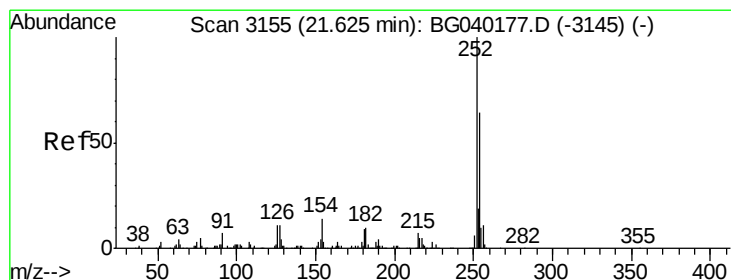
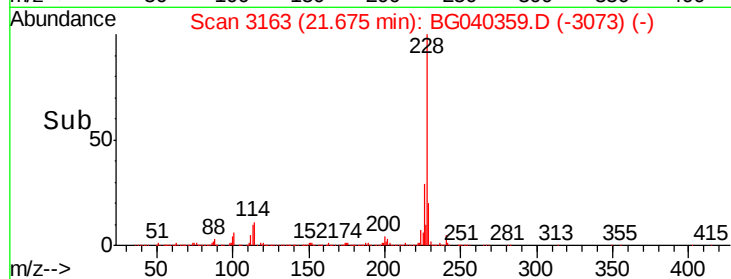
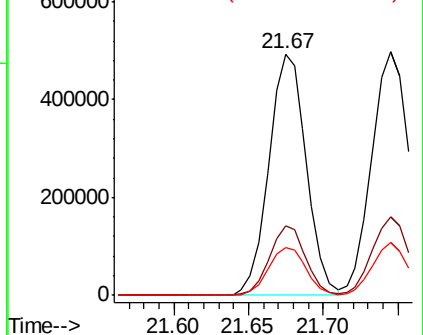
229 20.0 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 15.464 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

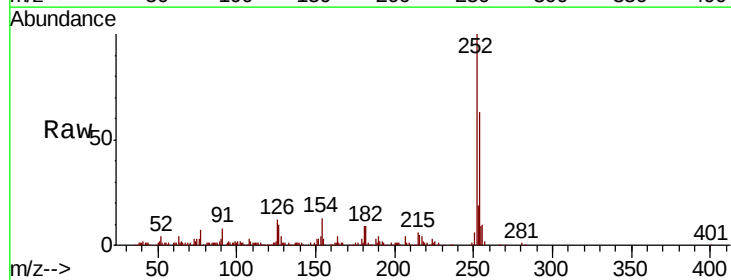
Tgt Ion:252 Resp: 149141

Ion Ratio Lower Upper

252 100

254 63.4 51.4 77.2

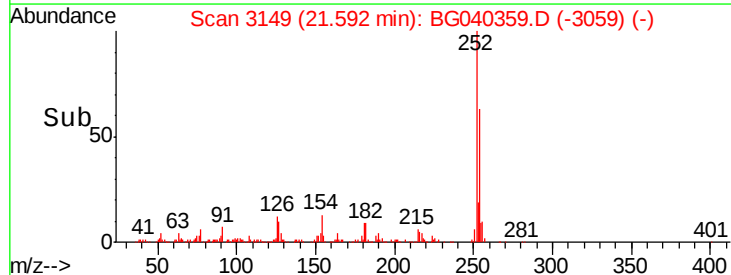
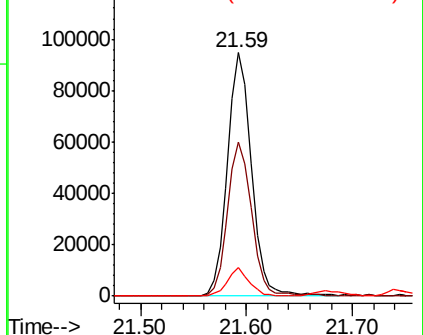
126 11.6 8.5 12.7

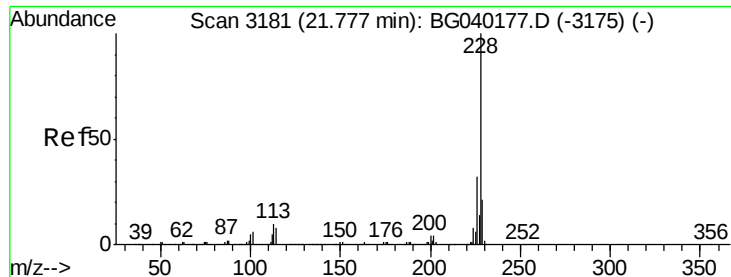


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

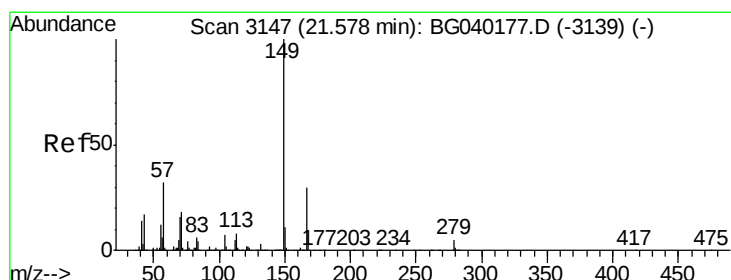
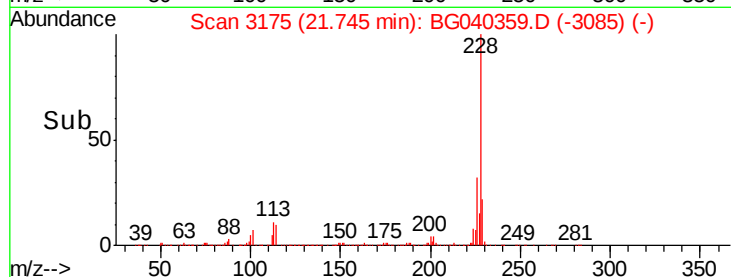
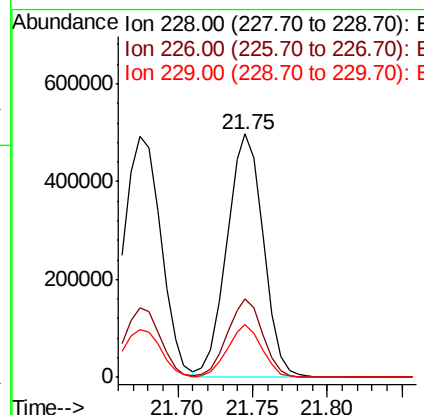
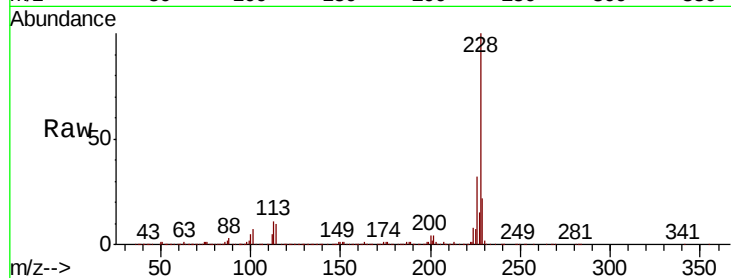




#83
 Chrysene
 Concen: 34.794 ng
 RT: 21.75 min Scan# 3175
 Delta R.T. -0.00 min
 Lab File: BG040359.D
 Acq: 4 Apr 2019 13:55

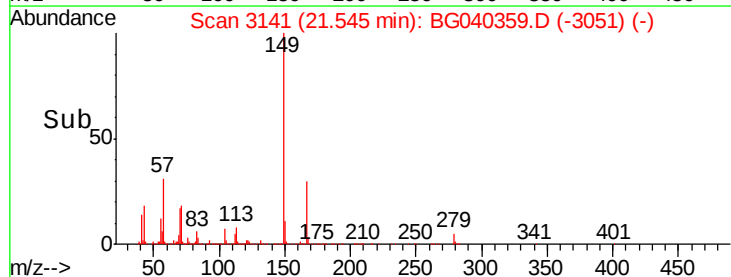
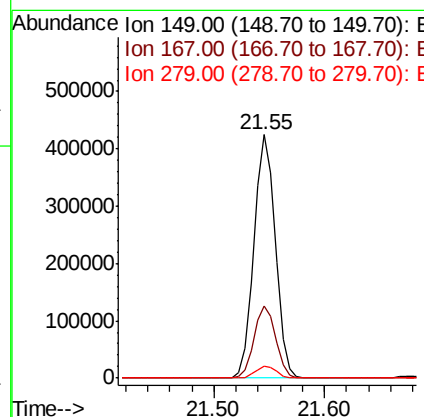
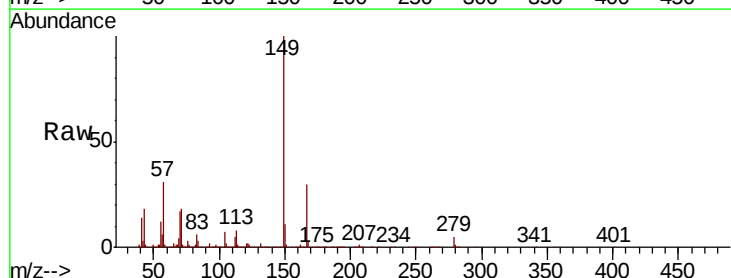
Instrument :
 BNA_G
 ClientSampleId :

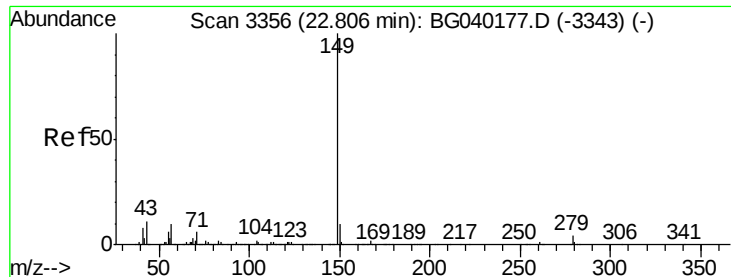
Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	26.6	39.8
229	21.5	17.0	25.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.999 ng
 RT: 21.55 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG040359.D
 Acq: 4 Apr 2019 13:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.9	35.9
279	4.8	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 35.644 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

Instrument :

BNA_G

ClientSampleId :

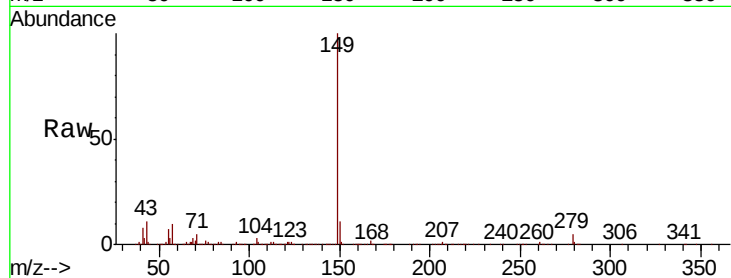
Tot Ion:149 Resp: 1005479

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

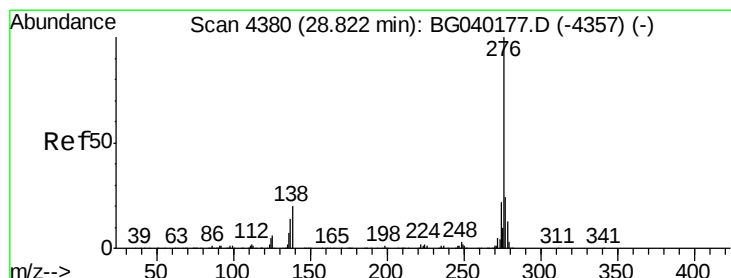
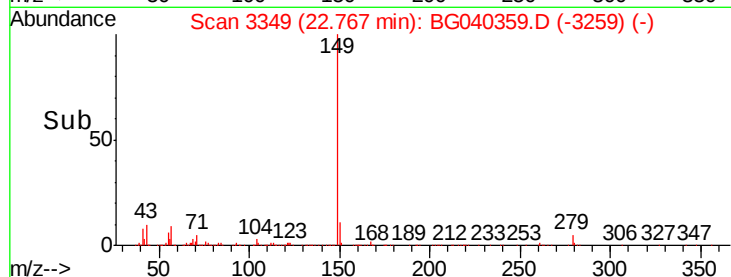
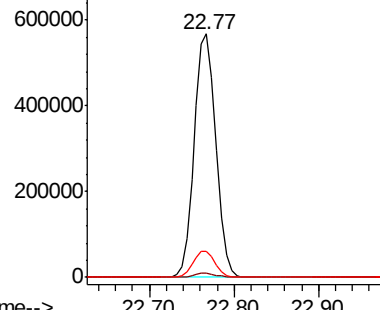
43 10.5 8.6 12.8



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: 35.505 ng

RT: 28.74 min Scan# 4365

Delta R.T. -0.01 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

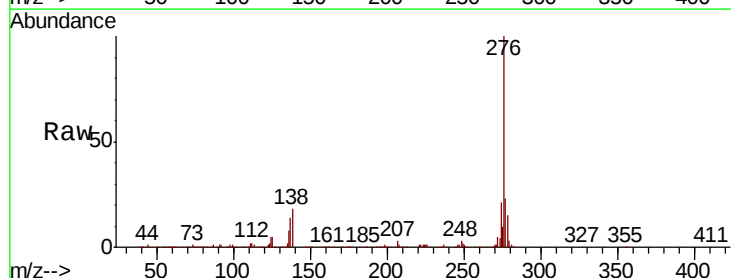
Tgt Ion:276 Resp: 1058063

Ion Ratio Lower Upper

276 100

138 9.3 19.0 28.4#

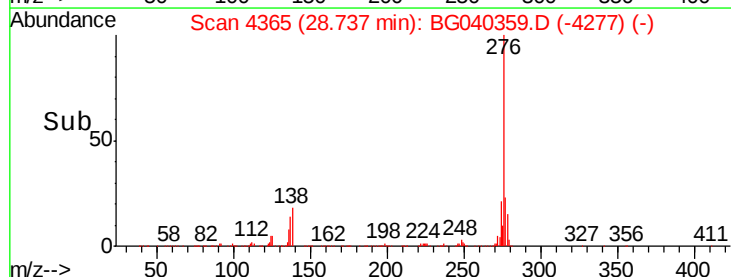
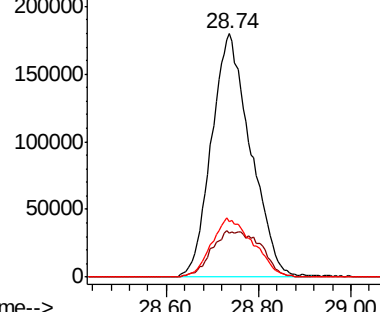
277 25.9 20.8 31.2

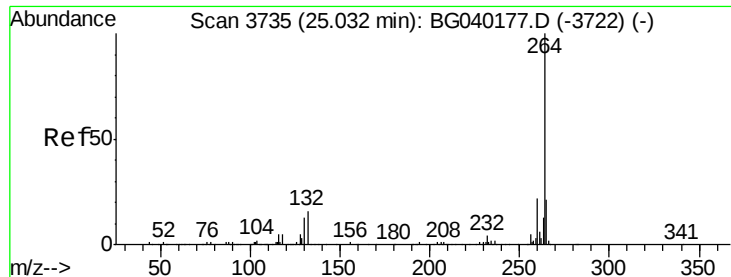


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3725

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

Instrument :

BNA_G

ClientSampleId :

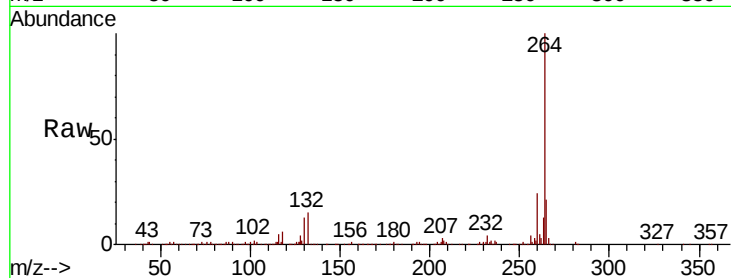
Tot Ion:264 Resp: 430692

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 20.7 16.6 25.0

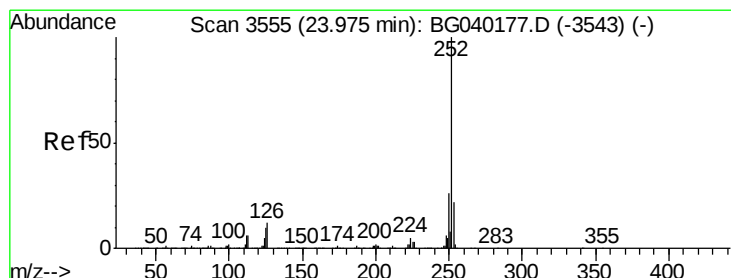
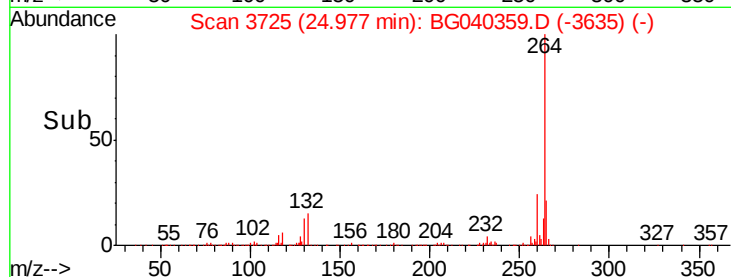
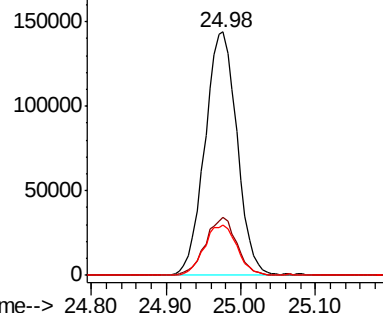


Abundance

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: 35.339 ng

RT: 23.92 min Scan# 3546

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

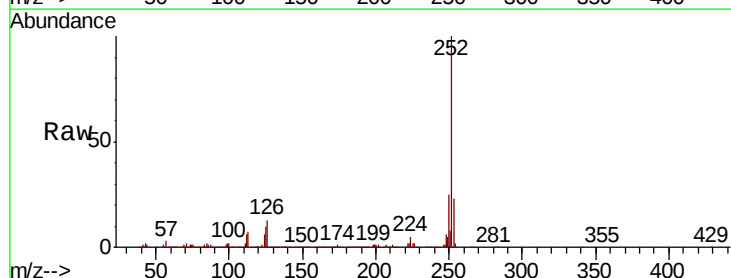
Tgt Ion:252 Resp: 931835

Ion Ratio Lower Upper

252 100

253 23.0 18.5 27.7

125 10.2 7.8 11.8

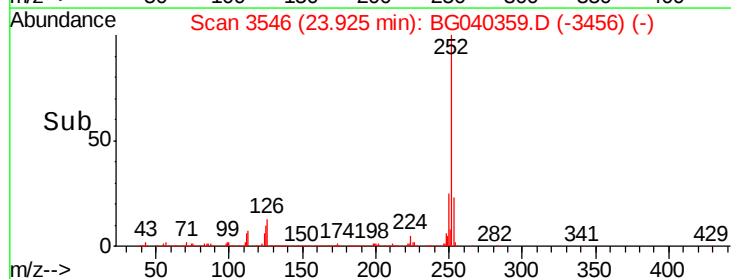
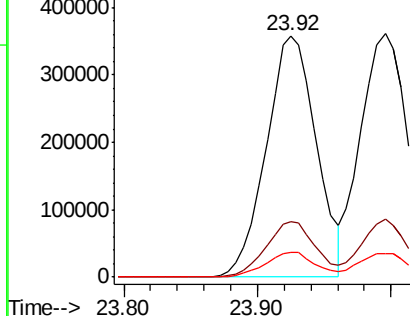


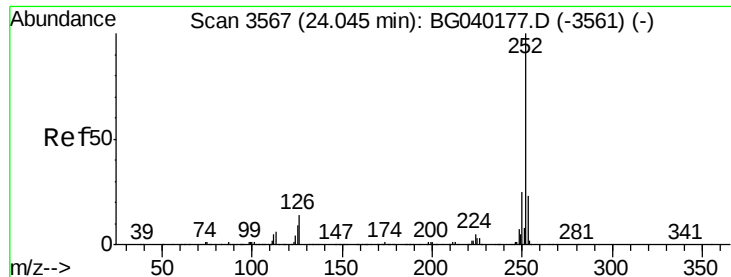
Abundance

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

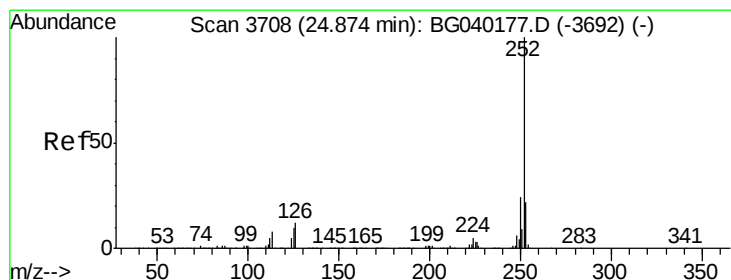
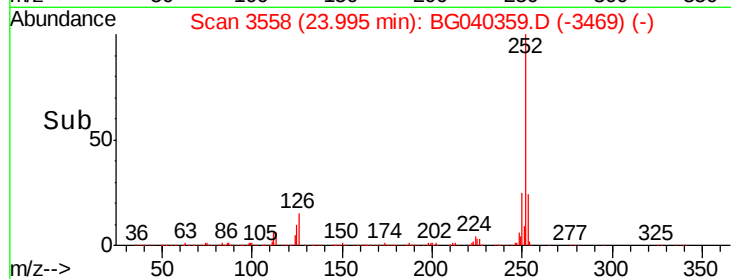
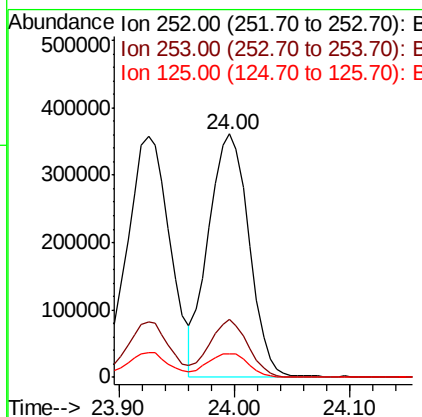
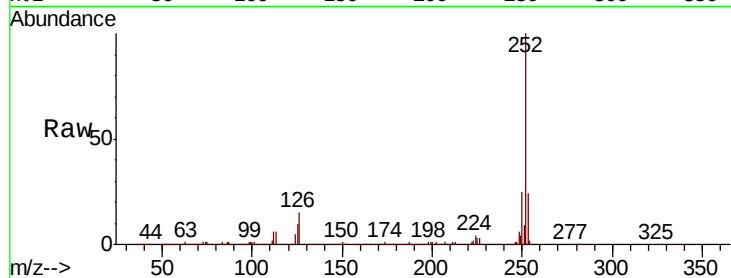




#89
Benzo(k)fluoranthene
Concen: 36.296 ng
RT: 24.00 min Scan# 3558
Delta R.T. -0.01 min
Lab File: BG040359.D
Acq: 4 Apr 2019 13:55

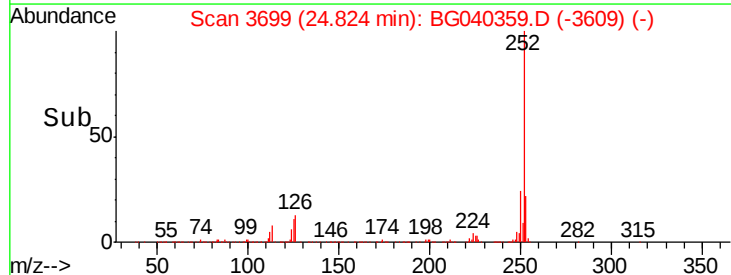
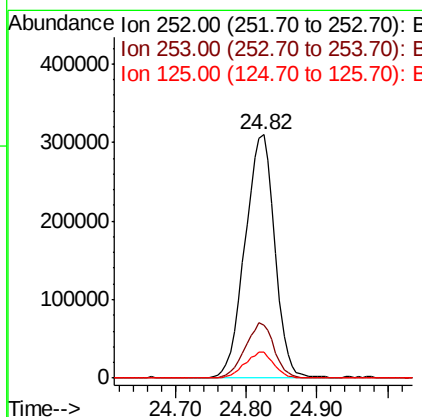
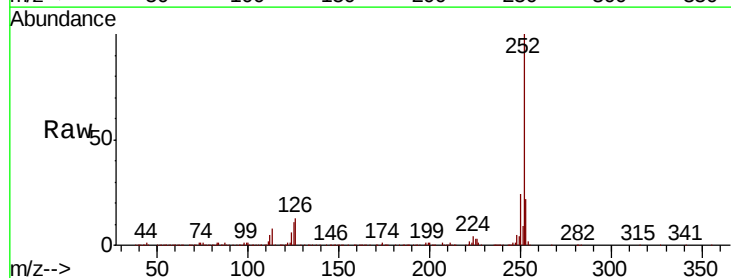
Instrument :
BNA_G
ClientSampled :

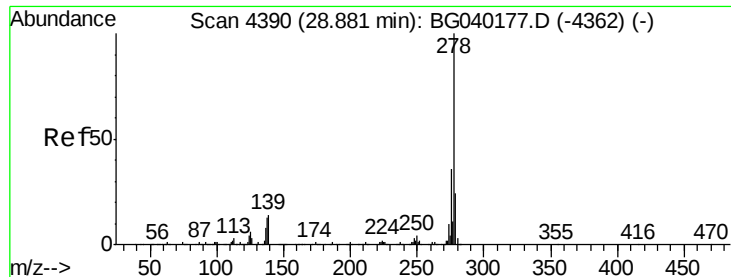
Tot Ion:252 Resp: 880132
Ion Ratio Lower Upper
252 100
253 23.8 17.6 26.4
125 9.7 7.5 11.3



#90
Benzo(a)pyrene
Concen: 36.759 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.00 min
Lab File: BG040359.D
Acq: 4 Apr 2019 13:55

Tgt Ion:252 Resp: 909436
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 10.7 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 37.174 ng

RT: 28.80 min Scan# 4375

Delta R.T. -0.01 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

Instrument :

BNA_G

ClientSampled :

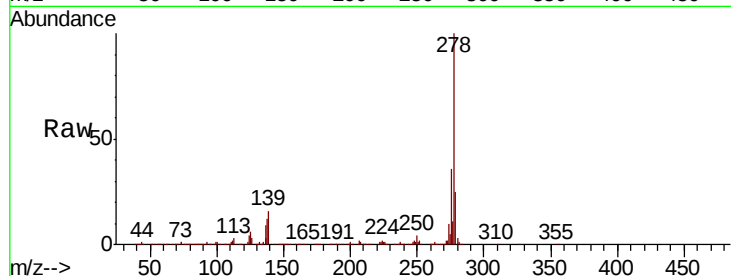
Tot Ion:278 Resp: 854183

Ion Ratio Lower Upper

278 100

139 15.6 11.8 17.8

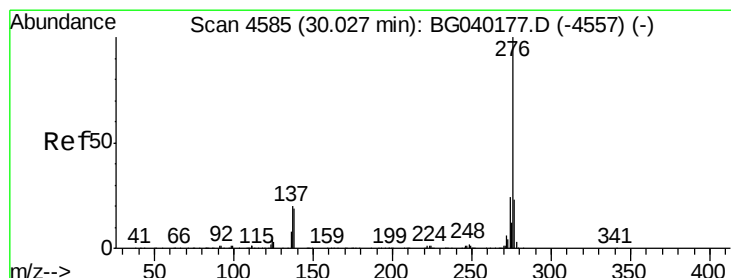
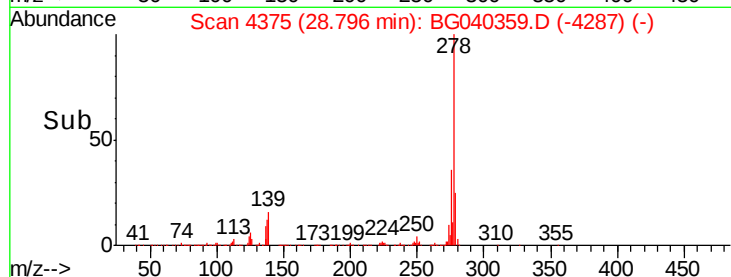
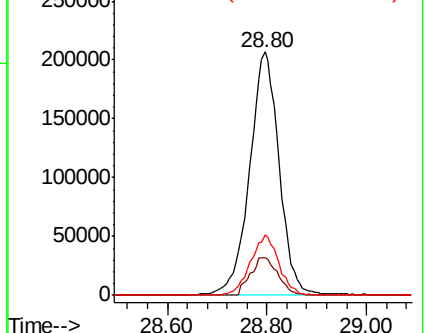
279 24.8 19.0 28.4



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: 37.359 ng

RT: 29.93 min Scan# 4568

Delta R.T. -0.00 min

Lab File: BG040359.D

Acq: 4 Apr 2019 13:55

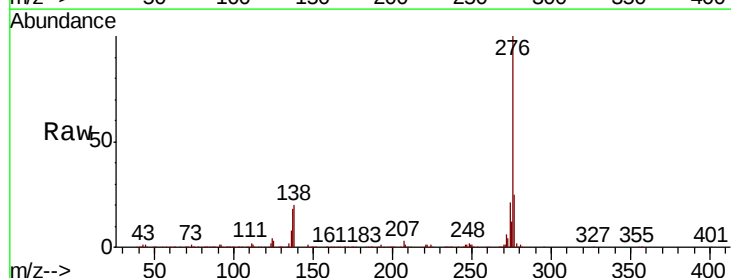
Tgt Ion:276 Resp: 882215

Ion Ratio Lower Upper

276 100

277 24.7 19.1 28.7

138 20.2 16.9 25.3



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

