

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039211.D
 Acq On : 18 Jan 2019 9:02
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 18 10:28:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27572	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	121793	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	81988	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	206032	20.00	ng	0.00
76) Chrysene-d12	21.68	240	213232	20.00	ng	0.00
87) Perylene-d12	24.95	264	232906	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	105558	72.63	ng	0.00
7) Phenol-d6	7.18	99	161982	77.44	ng	0.00
23) Nitrobenzene-d5	9.19	82	165145	74.20	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	109936	79.99	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	465187	77.65	ng	0.00
79) Terphenyl-d14	20.01	244	850233	73.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	18984	33.353	ng	98
3) Pyridine	3.85	79	65515	42.361	ng	97
4) n-Nitrosodimethylamine	3.77	42	29369	42.200	ng	99
6) Aniline	7.34	93	91169	36.292	ng	100
8) 2-Chlorophenol	7.58	128	63101	36.829	ng	97
9) Benzaldehyde	7.16	77	42767	35.453	ng	92
10) Phenol	7.20	94	80593	38.430	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	58219	36.323	ng	97
12) 1,3-Dichlorobenzene	7.90	146	75299	36.681	ng	96
13) 1,4-Dichlorobenzene	8.05	146	76603	36.846	ng	98
14) 1,2-Dichlorobenzene	8.37	146	73810	37.236	ng	99
15) Benzyl Alcohol	8.26	79	63463	40.288	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	118404	38.525	ng	98
17) 2-Methylphenol	8.46	107	55013	37.779	ng	96
18) Hexachloroethane	9.09	117	26590	37.647	ng	92
19) n-Nitroso-di-n-propylamine	8.82	70	52535	38.247	ng	# 98
20) 3+4-Methylphenols	8.79	107	80080	38.571	ng	99
22) Acetophenone	8.85	105	112487	35.366	ng	# 98
24) Nitrobenzene	9.24	77	83237	36.998	ng	99
25) Isophorone	9.75	82	155686	40.607	ng	99
26) 2-Nitrophenol	9.95	139	50653	41.626	ng	96
27) 2,4-Dimethylphenol	9.99	122	67027	39.152	ng	88
28) bis(2-Chloroethoxy)methane	10.23	93	93797	40.706	ng	98
29) 2,4-Dichlorophenol	10.48	162	85472	40.187	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	97638	38.207	ng	96
31) Naphthalene	10.88	128	227778	37.289	ng	99
32) Benzoic acid	10.16	122	15123	20.983	ng	95
33) 4-Chloroaniline	11.00	127	106957	39.131	ng	98
34) Hexachlorobutadiene	11.14	225	66508	37.823	ng	99
35) Caprolactam	11.80	113	32462	38.062	ng	94
36) 4-Chloro-3-methylphenol	12.11	107	89697	39.431	ng	89
37) 2-Methylnaphthalene	12.48	142	176355	38.508	ng	98
38) 1-Methylnaphthalene	12.70	142	168256	38.276	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	121837	39.569	ng	100

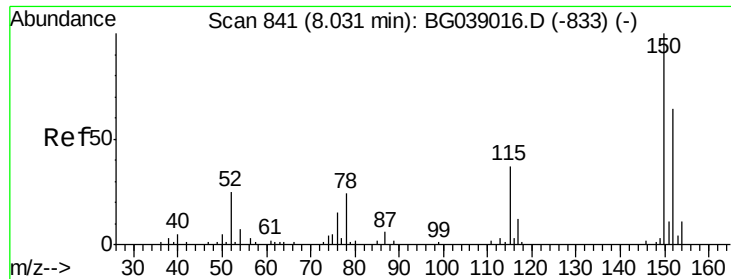
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039211.D
 Acq On : 18 Jan 2019 9:02
 Operator : JU/SJ
 Sample : SSTDC0040
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	51194	33.139	ng	100
43) 2,4,6-Trichlorophenol	13.10	196	77729	40.109	ng	98
44) 2,4,5-Trichlorophenol	13.17	196	79933	39.026	ng	97
46) 1,1'-Biphenyl	13.49	154	259310	39.915	ng	98
47) 2-Chloronaphthalene	13.54	162	205368	39.064	ng	99
48) 2-Nitroaniline	13.75	65	60536	41.102	ng	94
49) Acenaphthylene	14.38	152	304461	38.530	ng	98
50) Dimethylphthalate	14.11	163	260757	37.636	ng	99
51) 2,6-Dinitrotoluene	14.25	165	59235	38.241	ng	95
52) Acenaphthene	14.72	154	183783	38.711	ng	96
53) 3-Nitroaniline	14.58	138	58146	37.003	ng	# 97
54) 2,4-Dinitrophenol	14.79	184	14177	19.664	ng	94
55) Dibenzofuran	15.06	168	334578	39.902	ng	99
56) 4-Nitrophenol	14.89	139	39907	35.296	ng	98
57) 2,4-Dinitrotoluene	15.03	165	86356	38.859	ng	# 97
58) Fluorene	15.70	166	250184	39.640	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	78716	40.713	ng	98
60) Diethylphthalate	15.46	149	278737	39.048	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	161800	40.691	ng	98
62) 4-Nitroaniline	15.75	138	61747	37.721	ng	94
63) Azobenzene	15.98	77	226537	40.581	ng	98
65) 4,6-Dinitro-2-methylphenol	15.79	198	45435	29.766	ng	99
66) n-Nitrosodiphenylamine	15.91	169	249912	40.917	ng	96
67) 4-Bromophenyl-phenylether	16.59	248	107630	40.639	ng	96
68) Hexachlorobenzene	16.70	284	113926	39.421	ng	97
69) Atrazine	16.86	200	99093	38.191	ng	97
70) Pentachlorophenol	17.06	266	50711	32.141	ng	94
71) Phenanthrene	17.45	178	413698	37.988	ng	98
72) Anthracene	17.54	178	409000	37.985	ng	99
73) Carbazole	17.82	167	395831	37.239	ng	98
74) Di-n-butylphthalate	18.34	149	434162	36.716	ng	99
75) Fluoranthene	19.46	202	506237	37.498	ng	99
77) Benzidine	19.64	184	193151	29.616	ng	99
78) Pyrene	19.82	202	511896	37.670	ng	99
80) Butylbenzylphthalate	20.69	149	195227	37.773	ng	100
81) Benzo(a)anthracene	21.66	228	495126	38.144	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	200883	37.982	ng	97
83) Chrysene	21.73	228	467817	37.893	ng	100
84) Bis(2-ethylhexyl)phthalate	21.53	149	277083	38.610	ng	96
85) Di-n-octyl phthalate	22.74	149	456631	37.630	ng	99
86) Indeno(1,2,3-cd)pyrene	28.69	276	575025	38.980	ng	# 96
88) Benzo(b)fluoranthene	23.90	252	500714	38.989	ng	98
89) Benzo(k)fluoranthene	23.97	252	482494	37.999	ng	98
90) Benzo(a)pyrene	24.79	252	477532	38.470	ng	98
91) Dibenzo(a,h)anthracene	28.75	278	477550	38.677	ng	99
92) Benzo(g,h,i)perylene	29.87	276	471526	38.576	ng	99

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

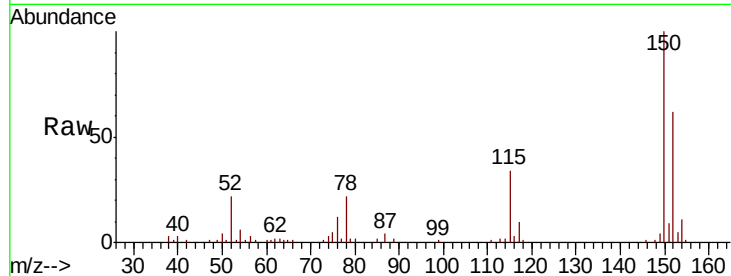


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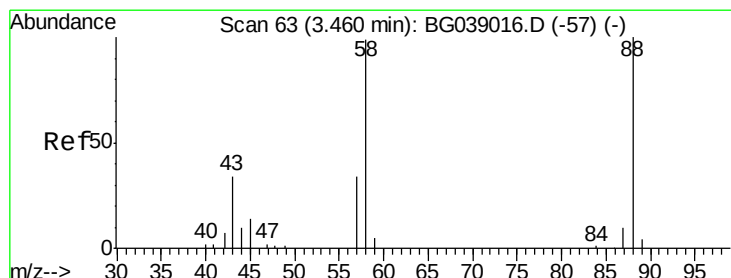
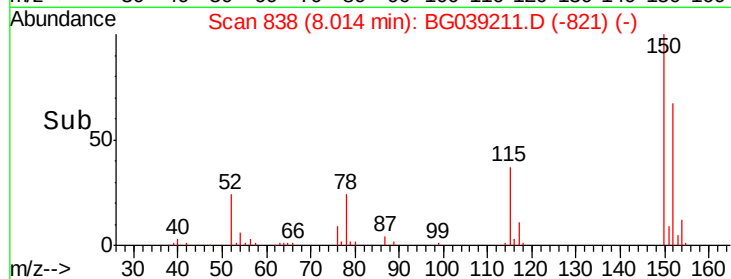
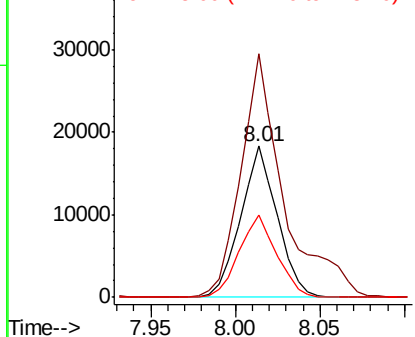
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 27572
Ion Ratio Lower Upper
152 100
150 161.1 124.7 187.1
115 54.7 46.5 69.7



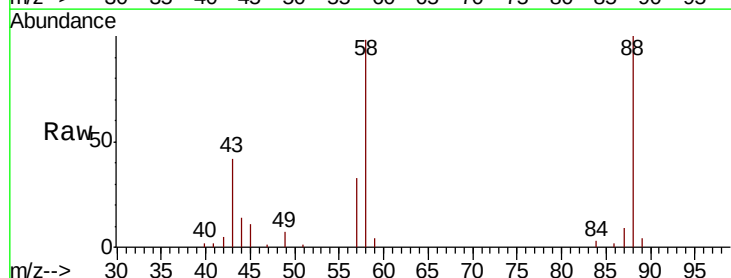
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



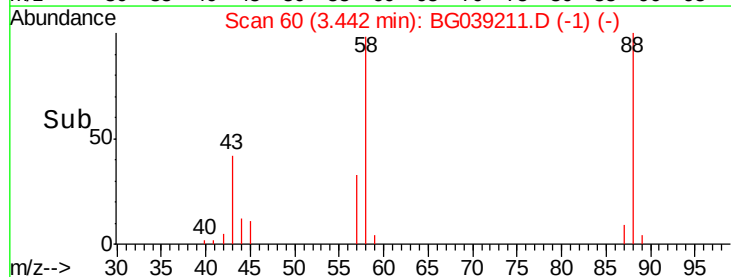
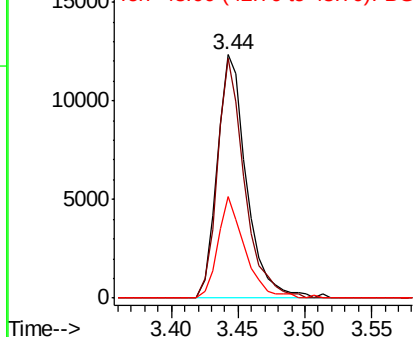
#2

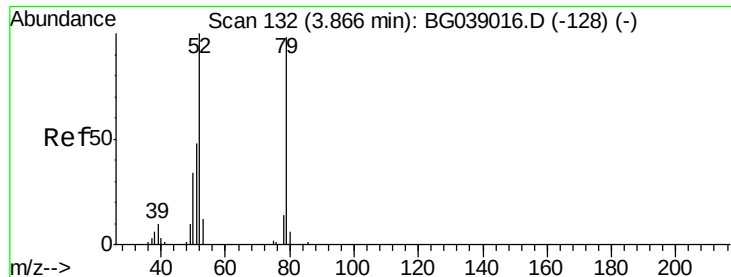
1,4-Dioxane
Concen: 33.353 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion: 88 Resp: 18984
Ion Ratio Lower Upper
88 100
58 90.9 72.4 108.6
43 38.0 27.6 41.4



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: 42.361 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

ClientSampleId :

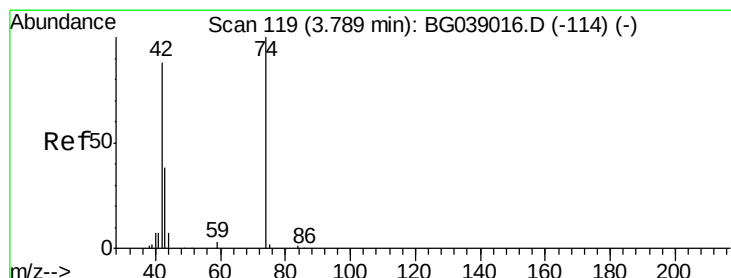
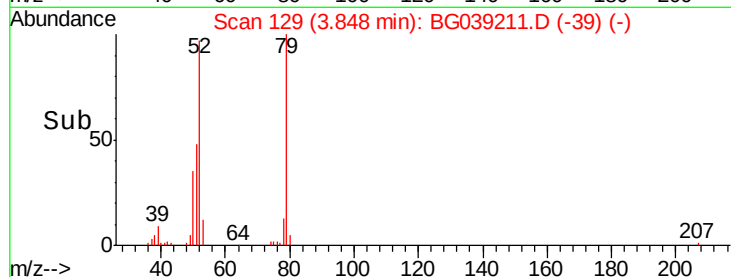
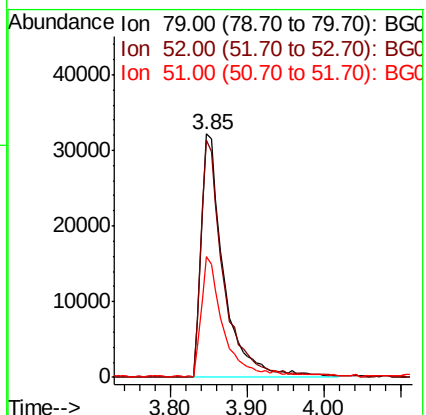
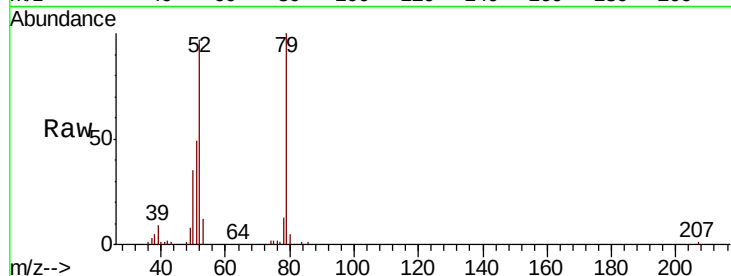
Tot Ion: 79 Resp: 65515

Ion Ratio Lower Upper

79 100

52 97.2 81.5 122.3

51 49.4 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 42.200 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

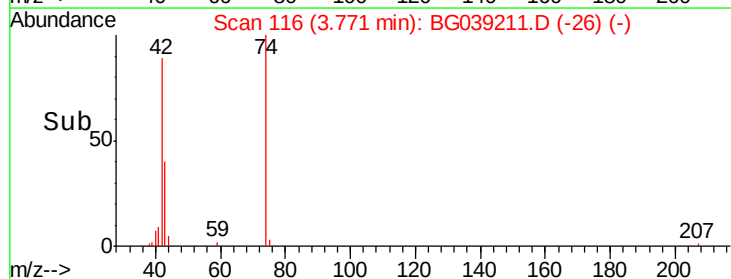
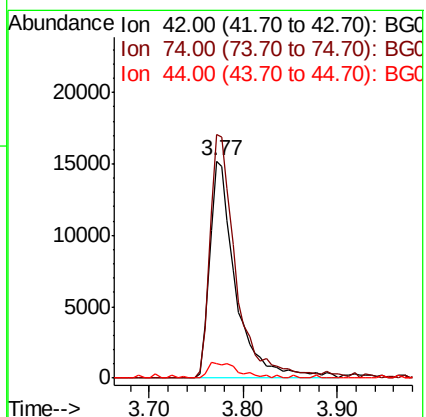
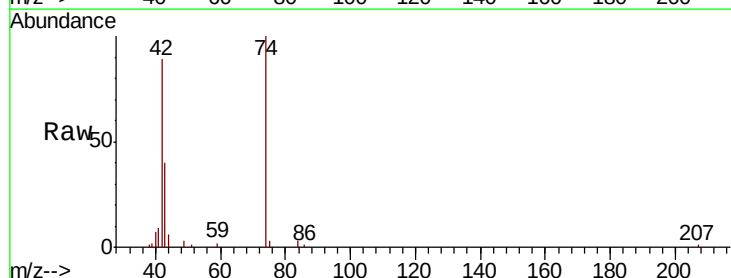
Tgt Ion: 42 Resp: 29369

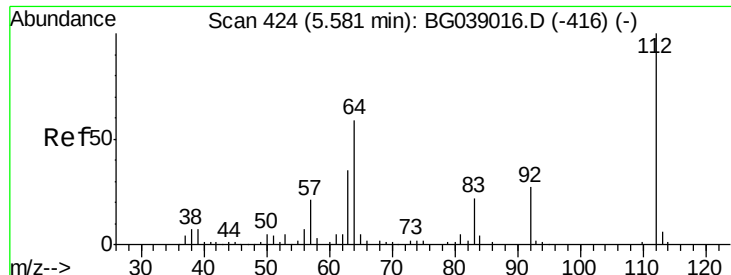
Ion Ratio Lower Upper

42 100

74 112.2 90.7 136.1

44 6.9 6.5 9.7





#5

2-Fluorophenol

Concen: 72.625 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

ClientSampleId :

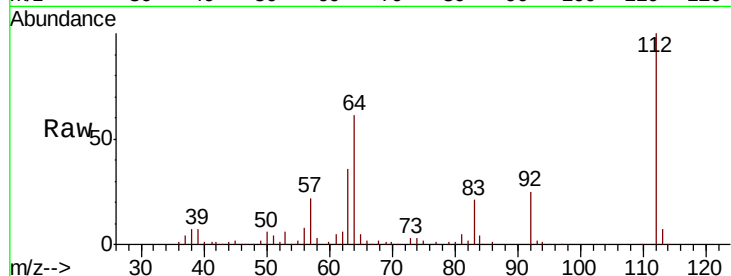
Tot Ion:112 Resp: 105558

Ion Ratio Lower Upper

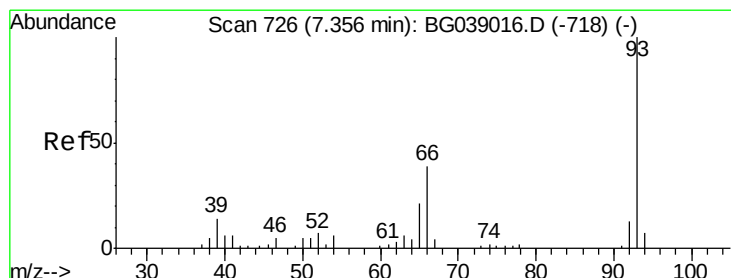
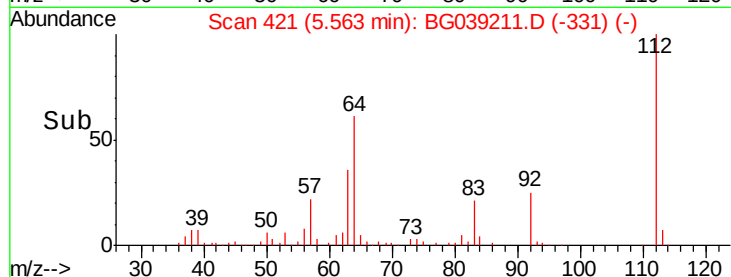
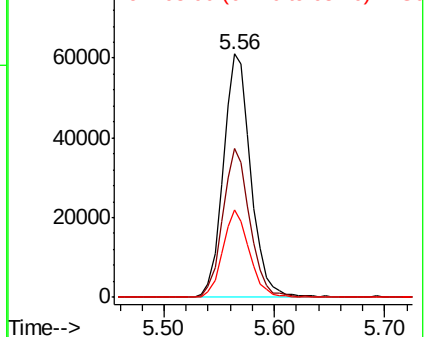
112 100

64 61.2 47.0 70.6

63 35.9 28.0 42.0



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: 36.292 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

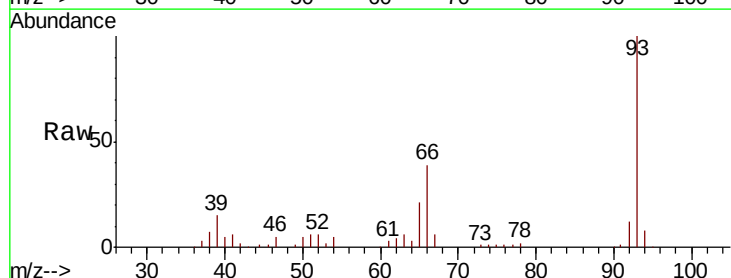
Tgt Ion: 93 Resp: 91169

Ion Ratio Lower Upper

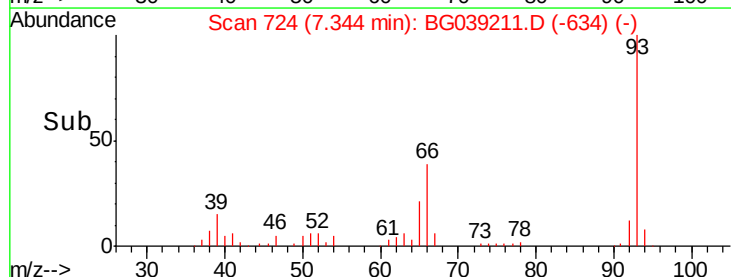
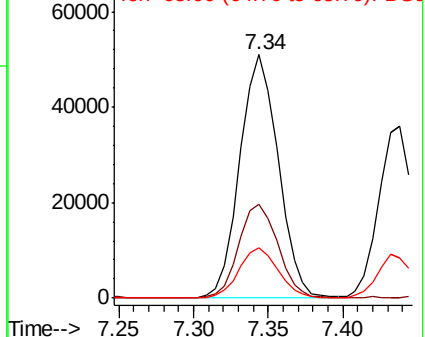
93 100

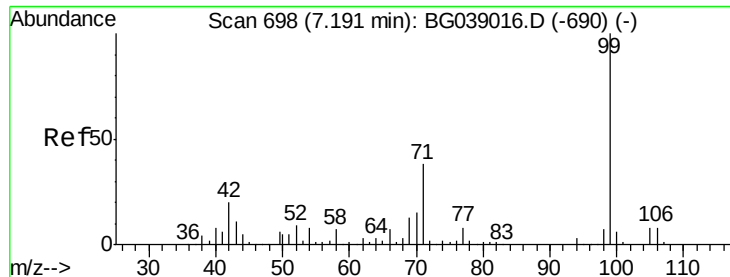
66 38.6 30.9 46.3

65 20.9 17.0 25.4



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: 77.439 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

ClientSampled :

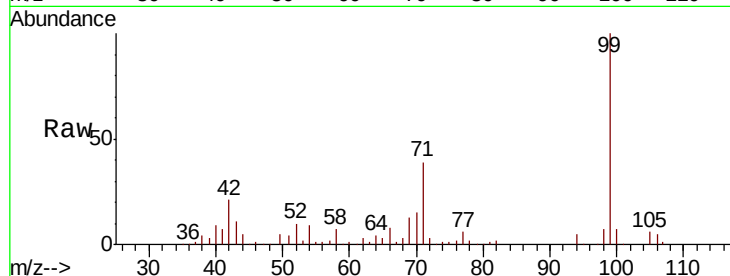
Tot Ion: 99 Resp: 161982

Ion Ratio Lower Upper

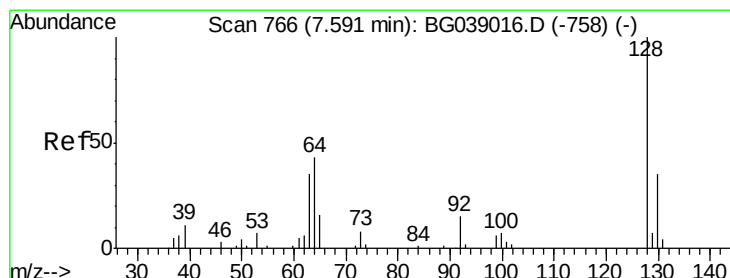
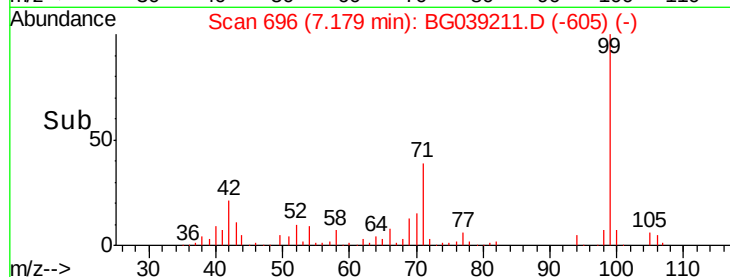
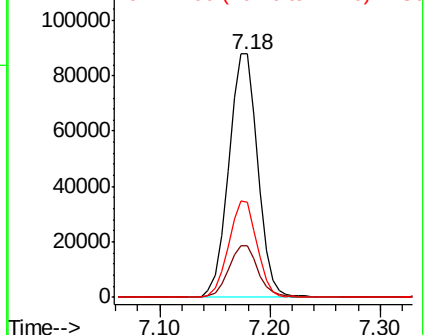
99 100

42 21.4 15.8 23.6

71 39.0 30.2 45.4



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



#8

2-Chlorophenol

Concen: 36.829 ng

RT: 7.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

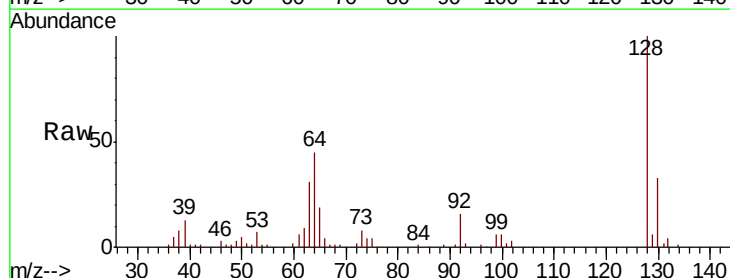
Tgt Ion: 128 Resp: 63101

Ion Ratio Lower Upper

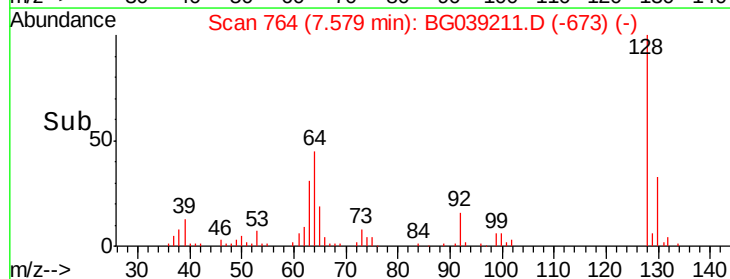
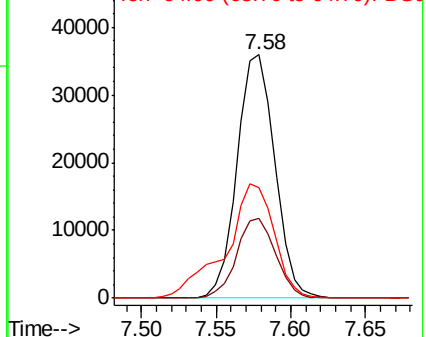
128 100

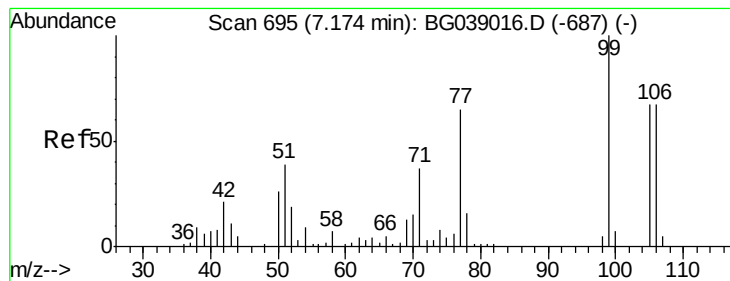
130 32.5 14.5 54.5

64 45.3 27.3 67.3



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





#9

Benzaldehyde

Concen: 35.453 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

ClientSampled :

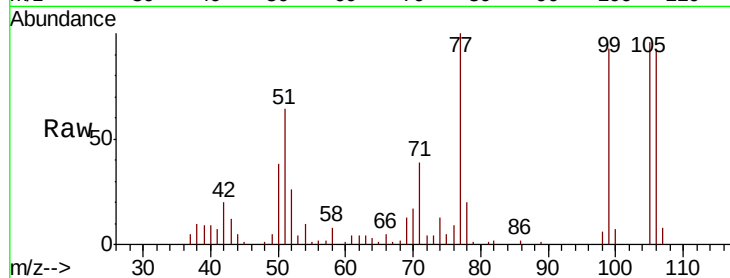
Tot Ion: 77 Resp: 42767

Ion Ratio Lower Upper

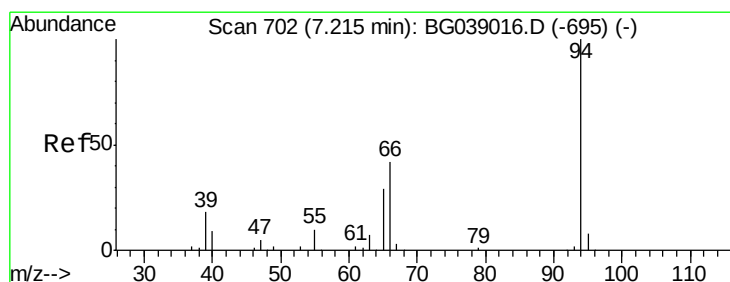
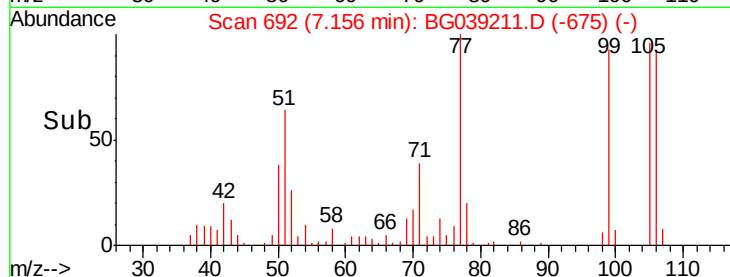
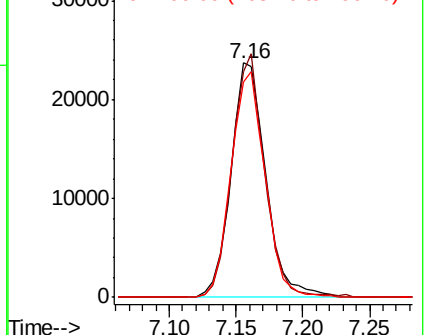
77 100

105 96.5 82.4 122.4

106 92.3 82.8 122.8



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: 38.430 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

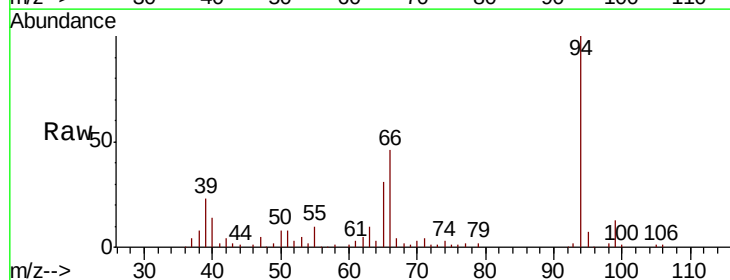
Tgt Ion: 94 Resp: 80593

Ion Ratio Lower Upper

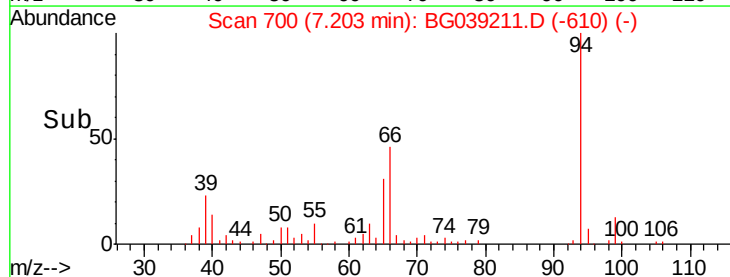
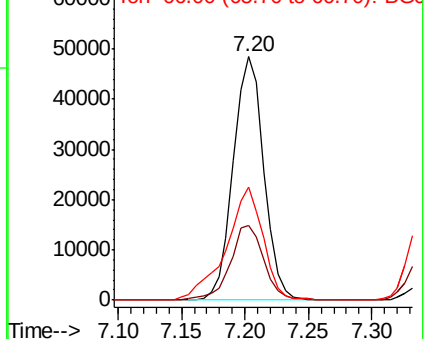
94 100

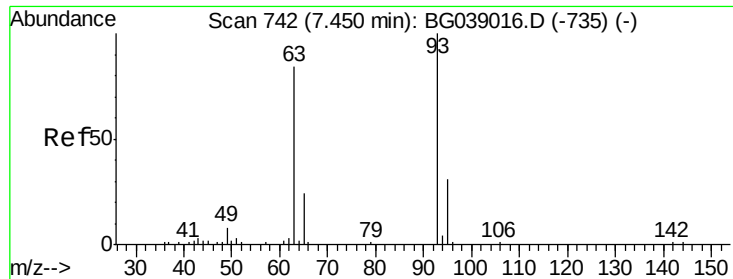
65 30.8 10.3 50.3

66 46.4 25.1 65.1



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

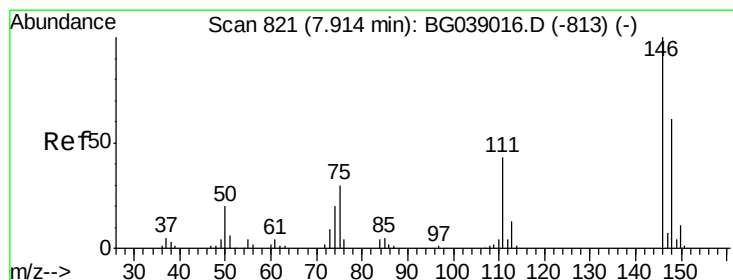
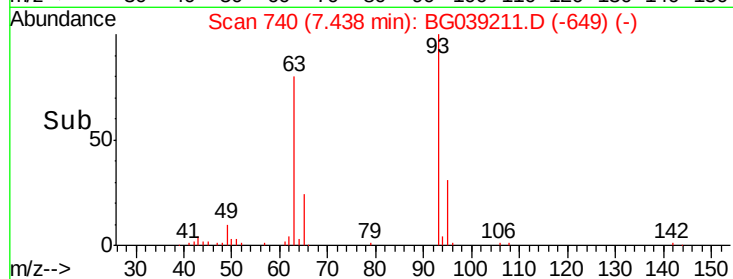
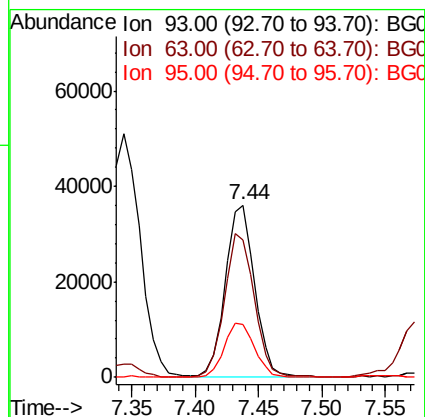
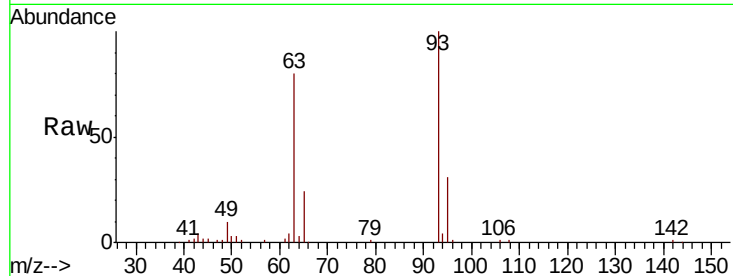




#11
 bis(2-Chloroethyl)ether
 Concen: 36.323 ng
 RT: 7.44 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

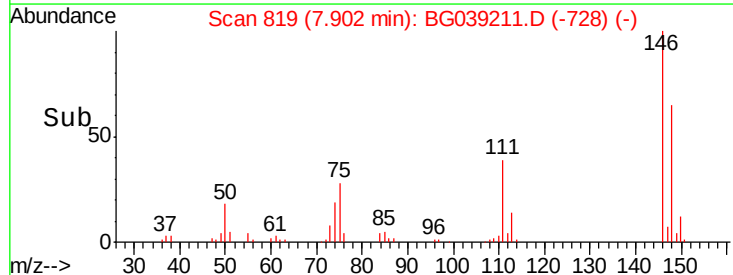
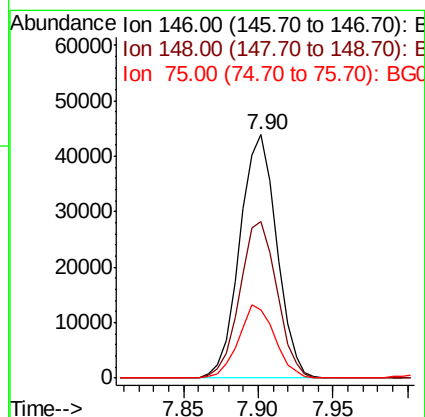
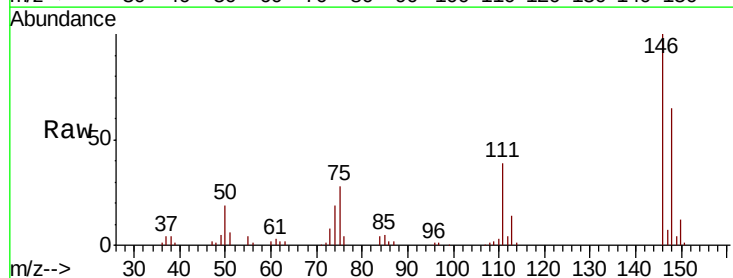
Instrument :
 BNA_G
 ClientSampleId :

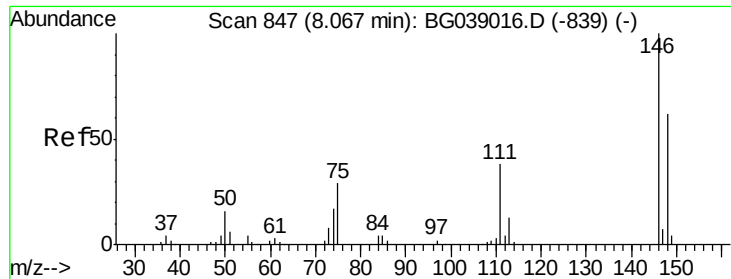
Tot Ion: 93 Resp: 58219
 Ion Ratio Lower Upper
 93 100
 63 79.6 63.2 103.2
 95 31.0 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 36.681 ng
 RT: 7.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

Tgt Ion: 146 Resp: 75299
 Ion Ratio Lower Upper
 146 100
 148 64.5 49.1 73.7
 75 28.3 23.9 35.9

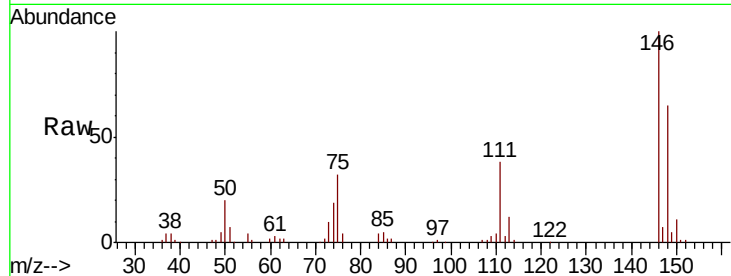




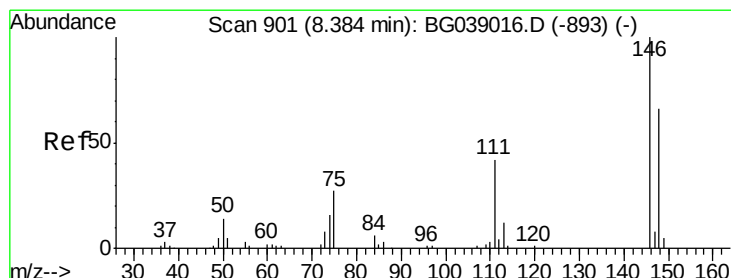
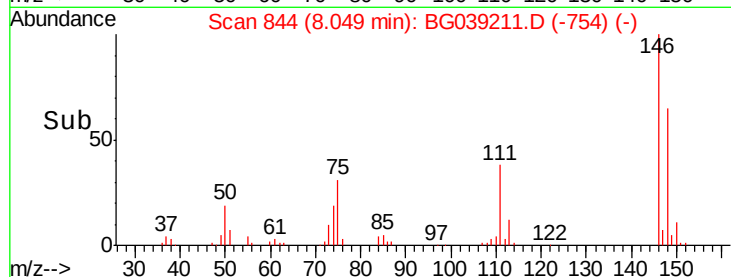
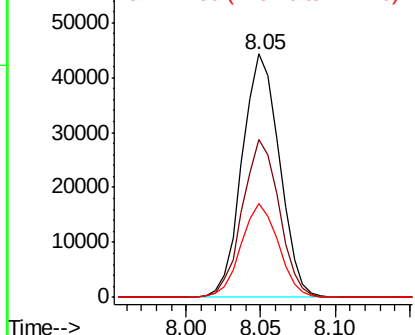
#13
 1,4-Dichlorobenzene
 Concen: 36.846 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 76603
 Ion Ratio Lower Upper
 146 100
 148 64.8 49.8 74.6
 111 38.4 30.6 45.8

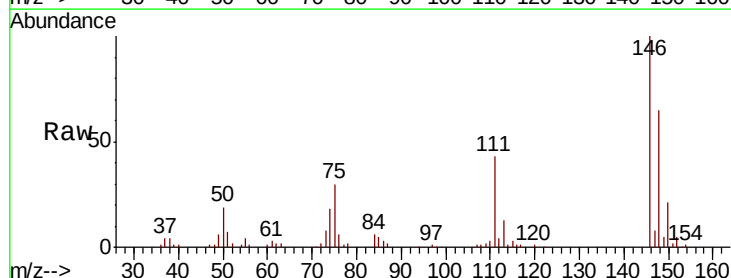


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

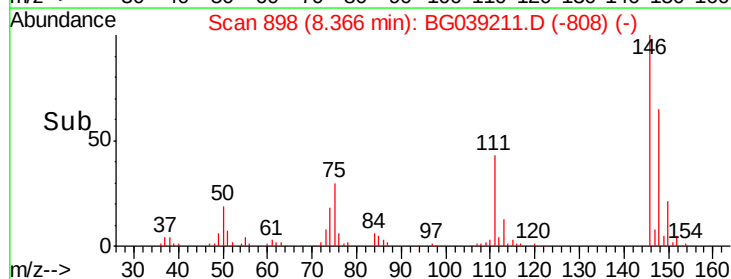
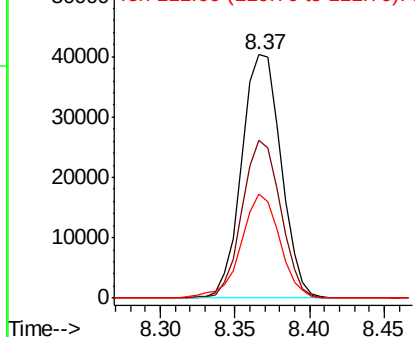


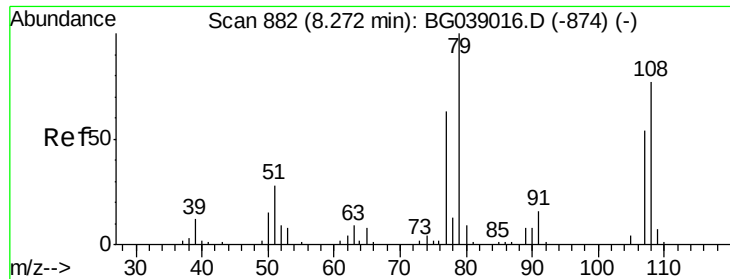
#14
 1,2-Dichlorobenzene
 Concen: 37.236 ng
 RT: 8.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

Tgt Ion:146 Resp: 73810
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.6 79.0
 111 42.8 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 40.288 ng

RT: 8.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :
BNA_G
ClientSampled :

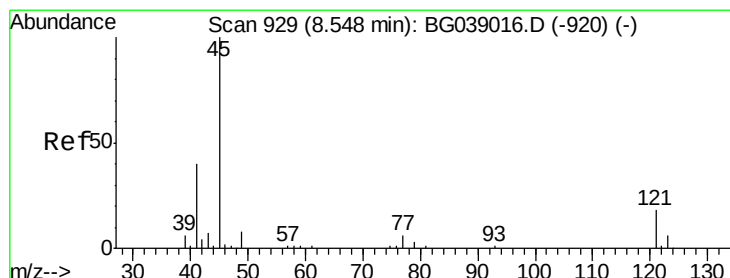
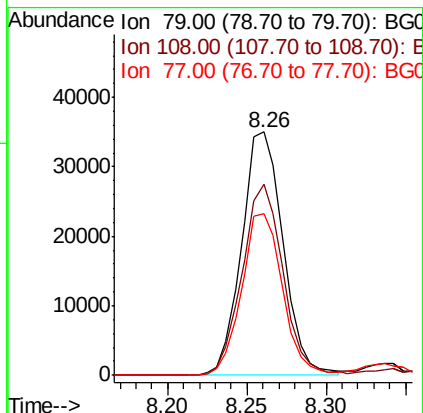
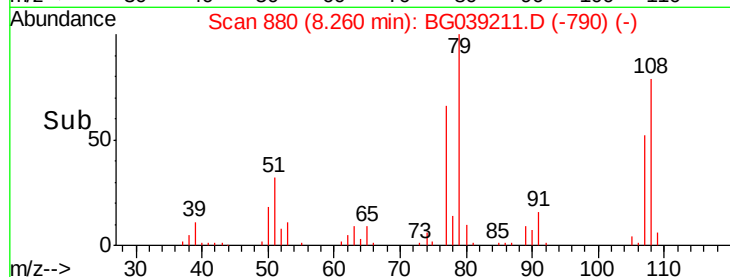
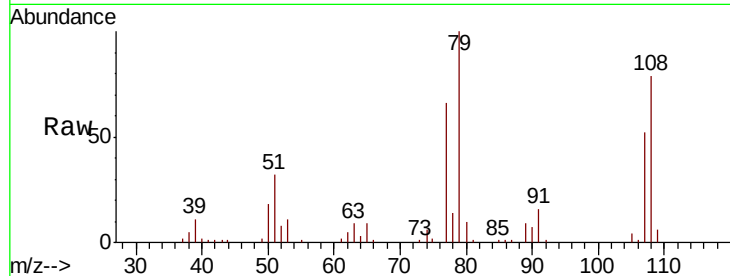
Tot Ion: 79 Resp: 63463

Ion Ratio Lower Upper

79 100

108 78.6 62.0 93.0

77 66.4 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.525 ng

RT: 8.54 min Scan# 927

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

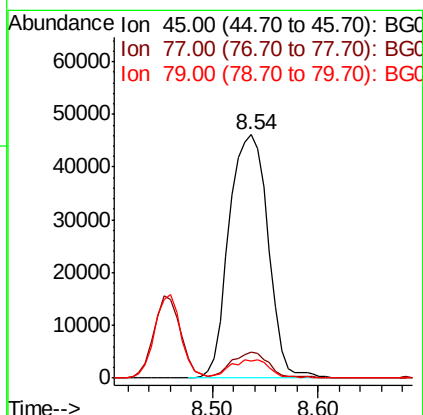
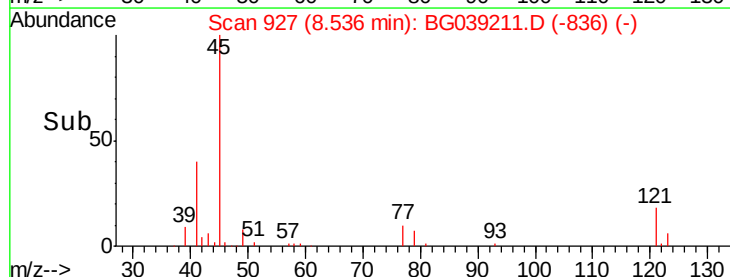
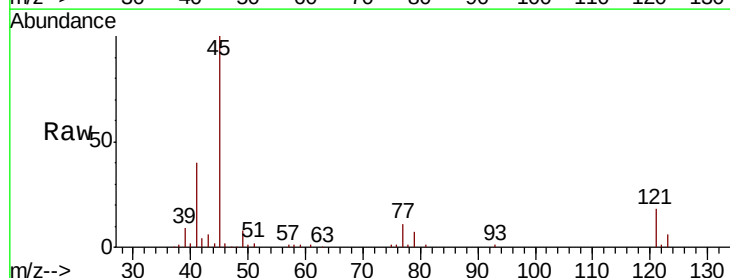
Tgt Ion: 45 Resp: 118404

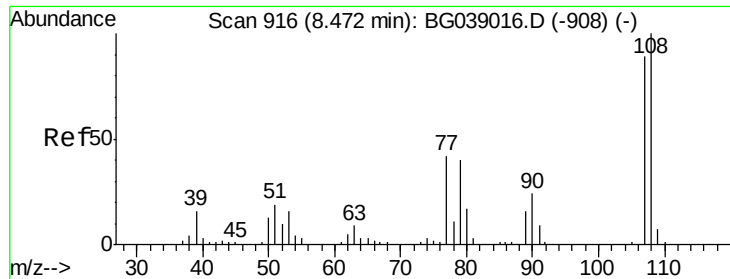
Ion Ratio Lower Upper

45 100

77 10.5 0.0 30.7

79 6.8 0.0 28.5

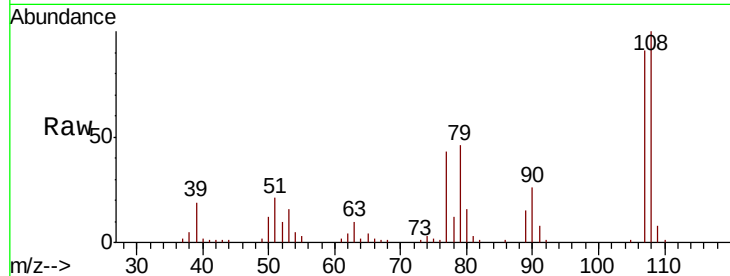




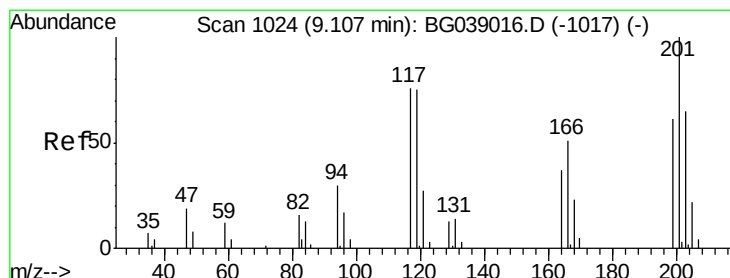
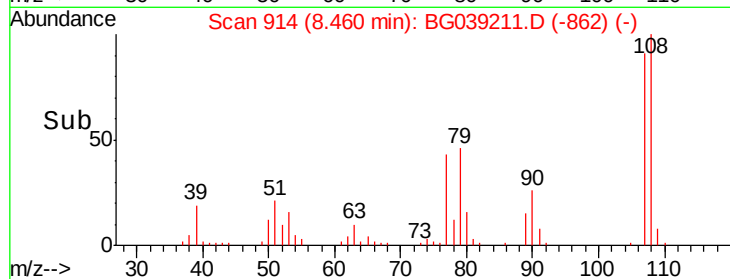
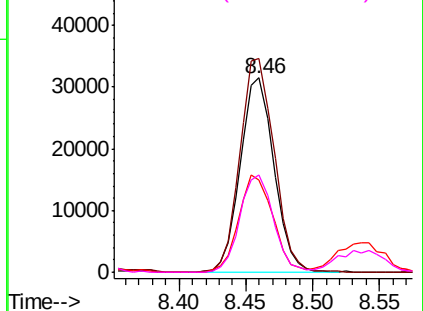
#17
2-Methylphenol
Concen: 37.779 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 55013
Ion Ratio Lower Upper
107 100
108 110.0 90.3 135.5
77 47.2 38.3 57.5
79 50.2 35.8 53.6

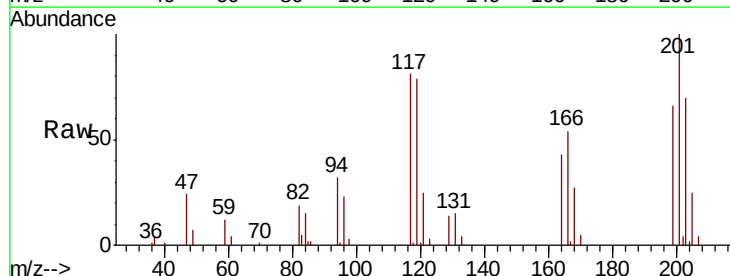


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

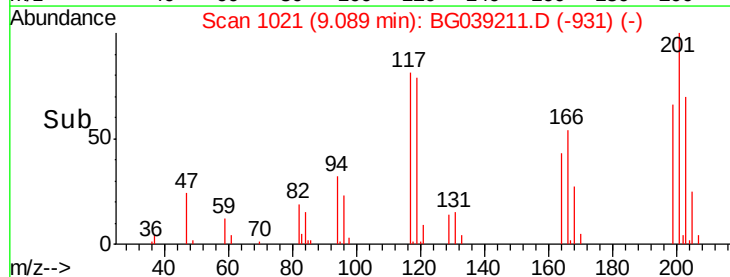
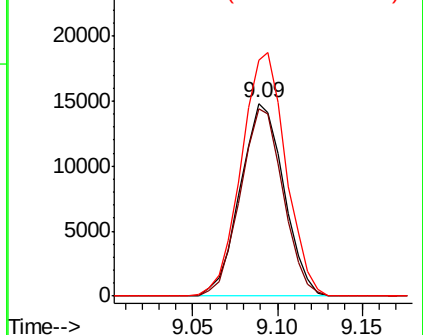


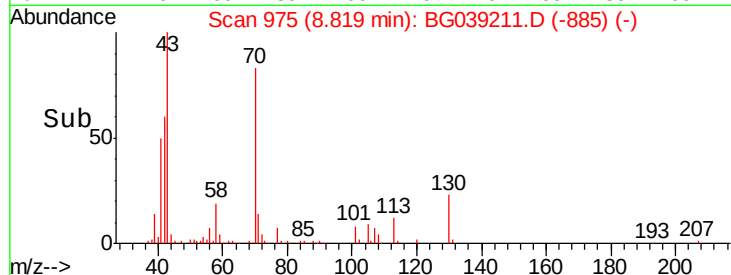
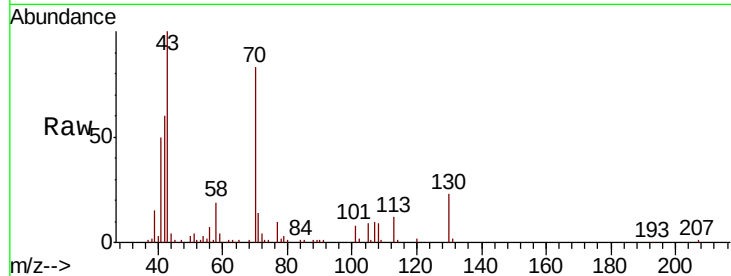
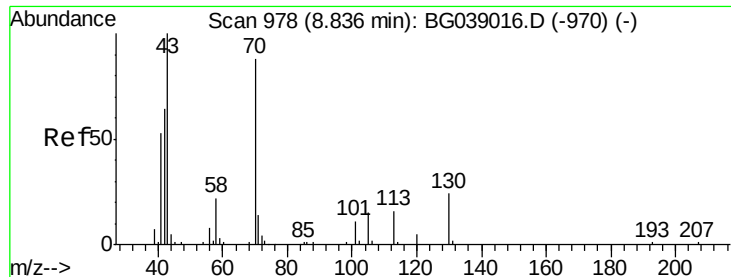
#18
Hexachloroethane
Concen: 37.647 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion:117 Resp: 26590
Ion Ratio Lower Upper
117 100
119 95.7 78.7 118.1
201 120.8 108.1 162.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

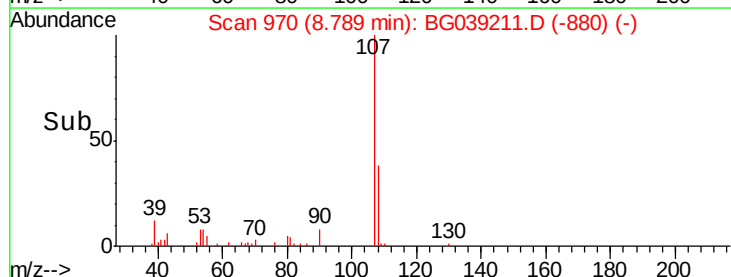
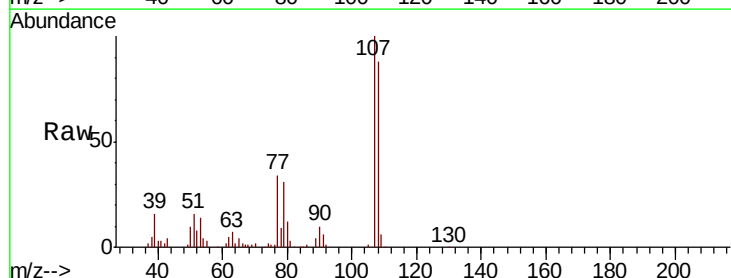
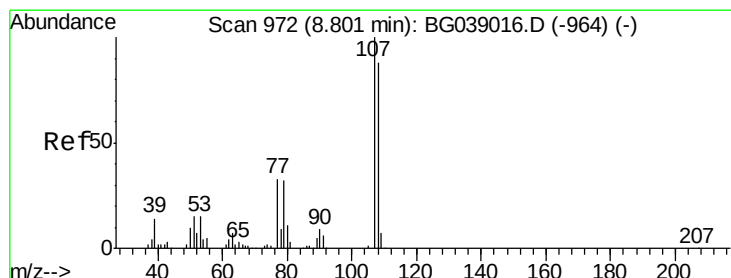
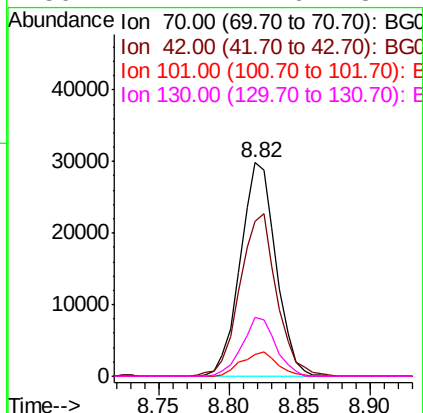




#19
n-Nitroso-di-n-propylamine
Concen: 38.247 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

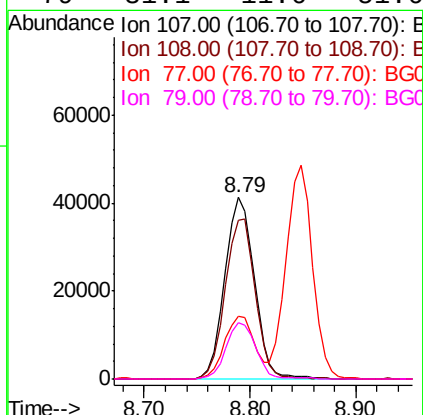
Instrument :
BNA_G
ClientSampleId :

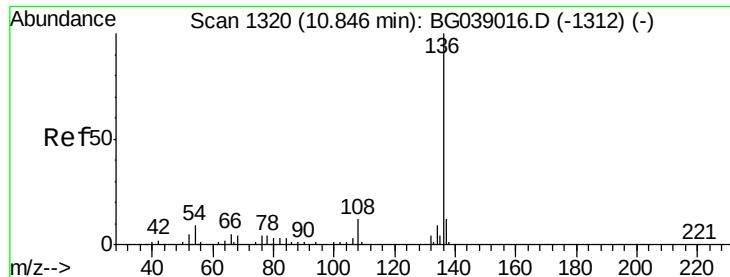
Tot Ion:	70	Resp:	52535
Ion	Ratio	Lower	Upper
70	100		
42	72.8	59.0	88.4
101	9.9	10.4	15.6#
130	27.4	21.6	32.4



#20
3+4-Methylphenols
Concen: 38.571 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion:	107	Resp:	80080
Ion	Ratio	Lower	Upper
107	100		
108	87.6	68.4	108.4
77	34.5	13.3	53.3
79	31.1	11.6	51.6

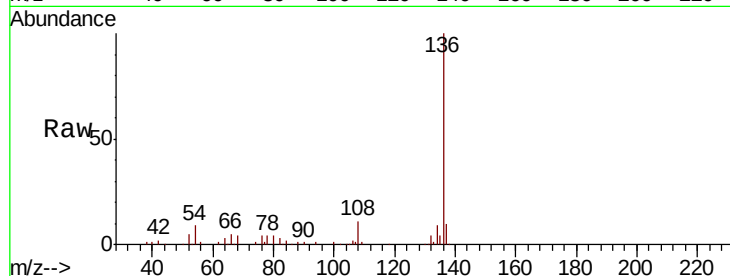




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	121793
Ion Ratio	Lower	Upper
136	100	
137	9.9	9.4 14.2
54	8.7	7.2 10.8
68	3.8	3.5 5.3



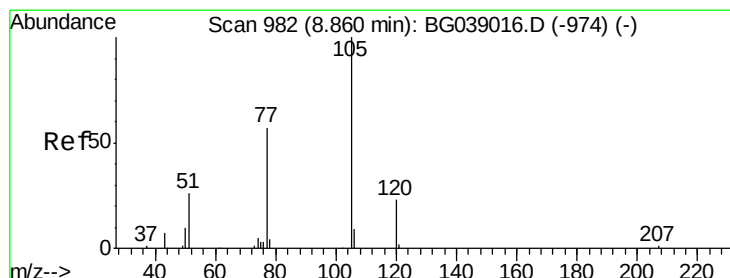
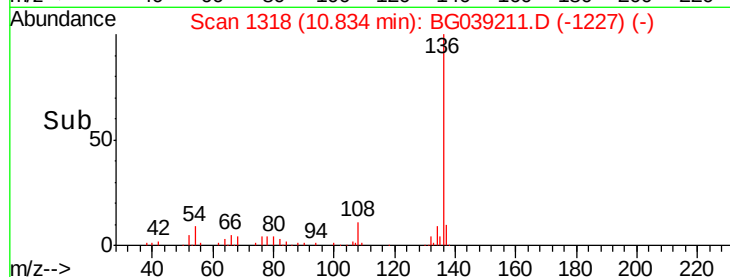
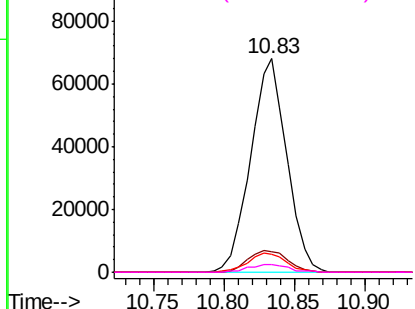
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

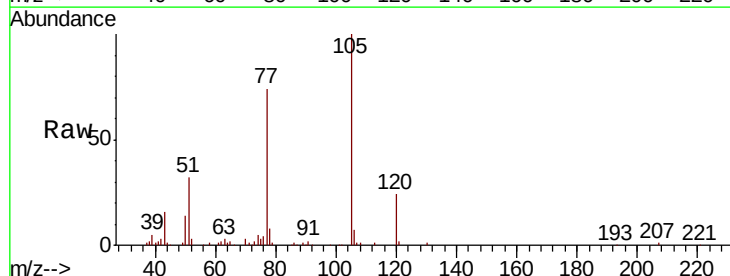
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 35.366 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion:105	Resp:	112487
Ion Ratio	Lower	Upper
105	100	
71	0.5	0.6 1.0#
51	32.1	26.6 39.8
120	23.7	17.9 26.9



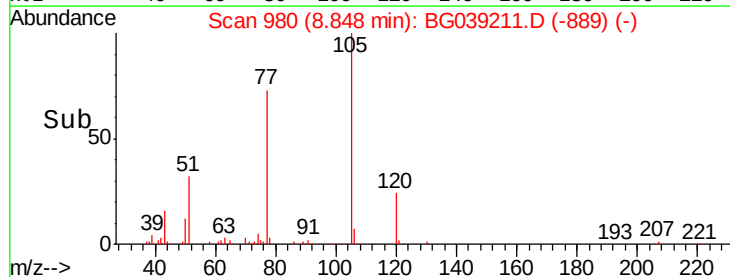
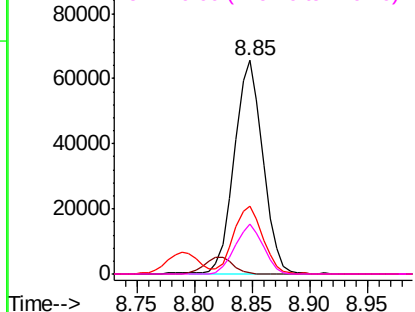
Abundance

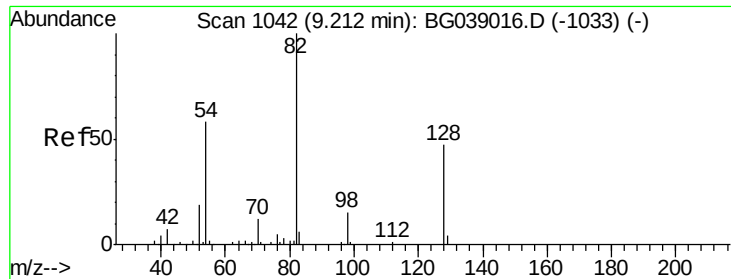
Ion 105.00 (104.70 to 105.70): E

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

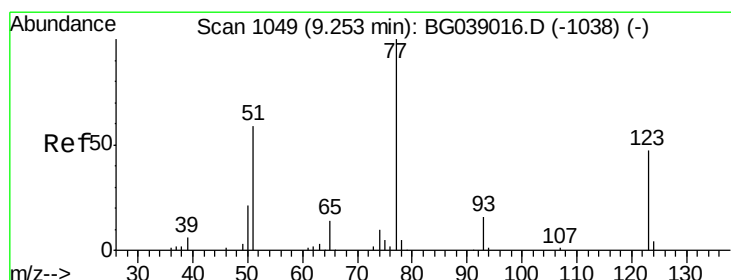
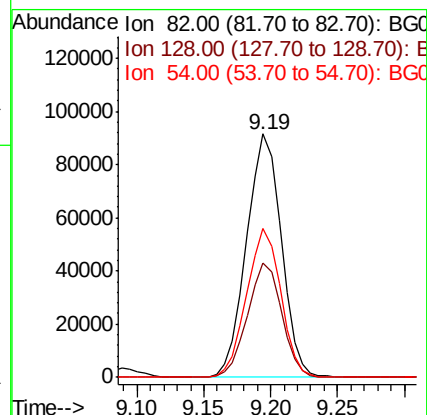
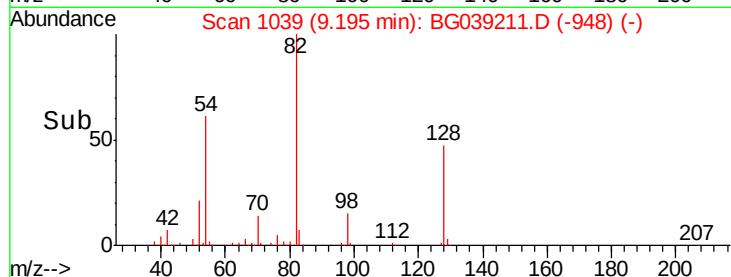
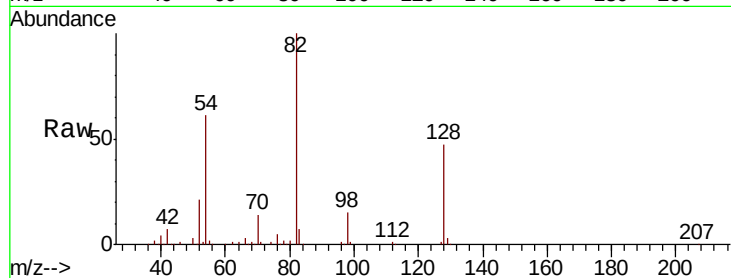




#23
Nitrobenzene-d5
Concen: 74.197 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

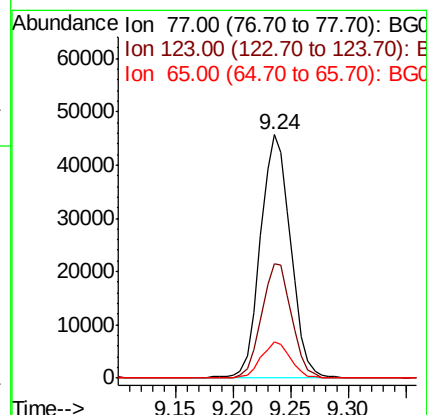
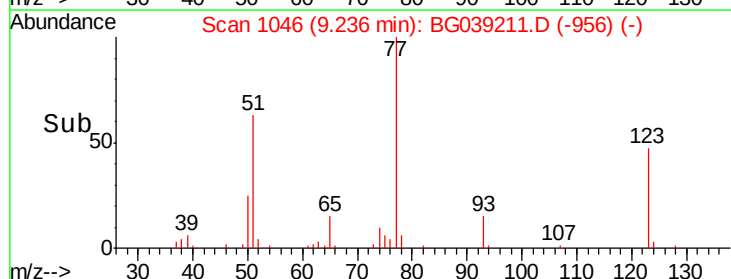
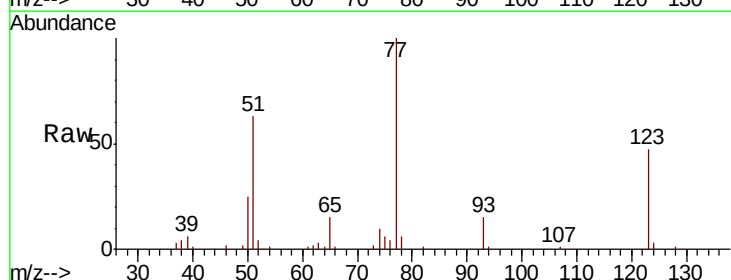
Instrument :
BNA_G
ClientSampled :

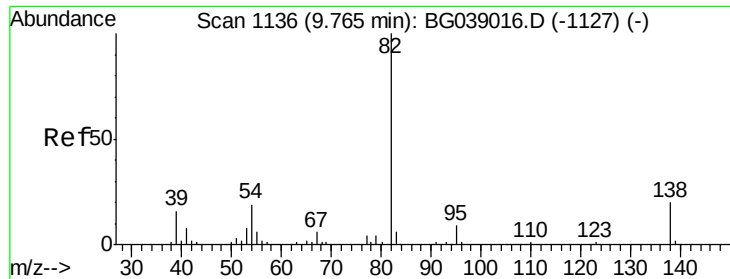
Tot Ion: 82 Resp: 165145
Ion Ratio Lower Upper
82 100
128 47.0 37.3 55.9
54 61.2 46.4 69.6



#24
Nitrobenzene
Concen: 36.998 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion: 77 Resp: 83237
Ion Ratio Lower Upper
77 100
123 46.8 37.6 56.4
65 14.8 11.0 16.6





#25

Isophorone

Concen: 40.607 ng

RT: 9.75 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

ClientSampleId :

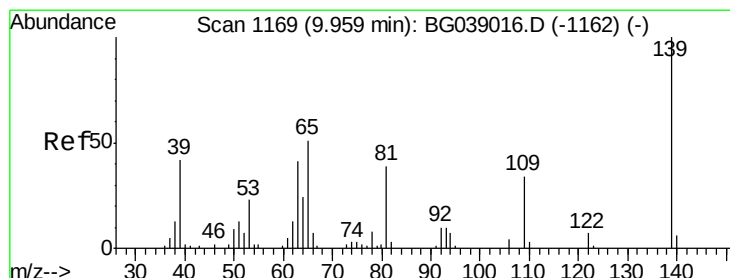
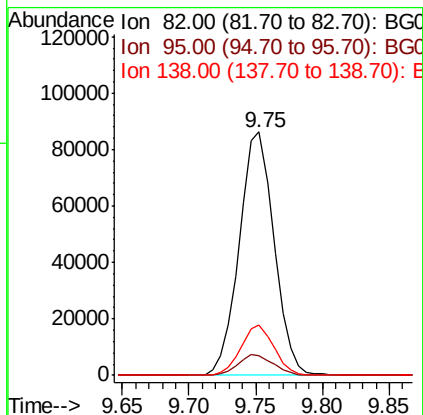
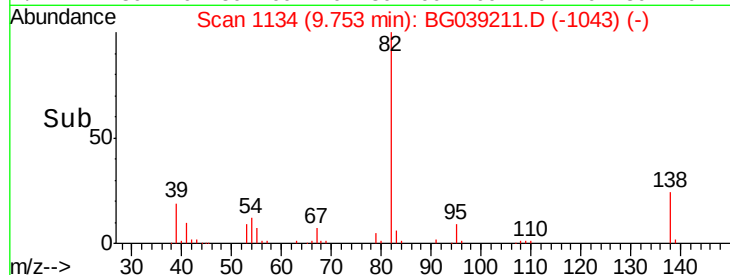
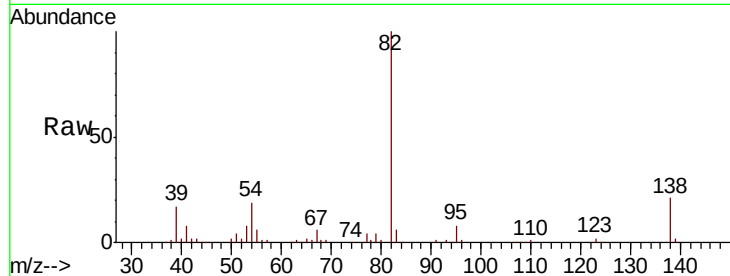
Tot Ion: 82 Resp: 155686

Ion Ratio Lower Upper

82 100

95 7.9 7.0 10.6

138 20.7 16.2 24.4



#26

2-Nitrophenol

Concen: 41.626 ng

RT: 9.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

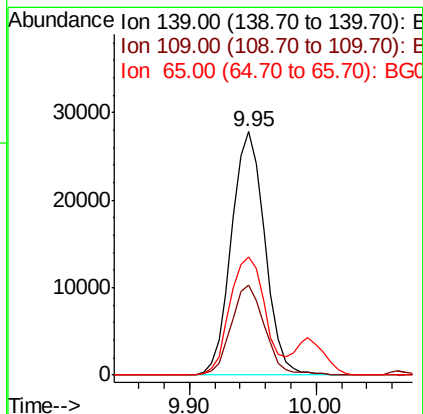
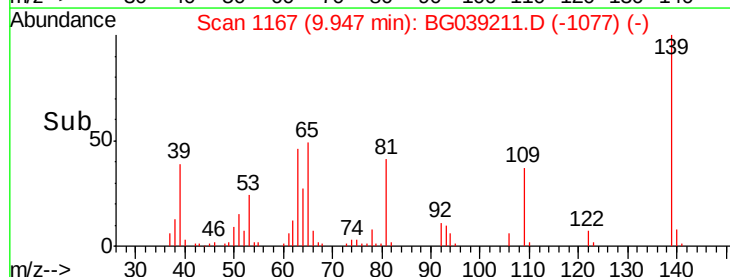
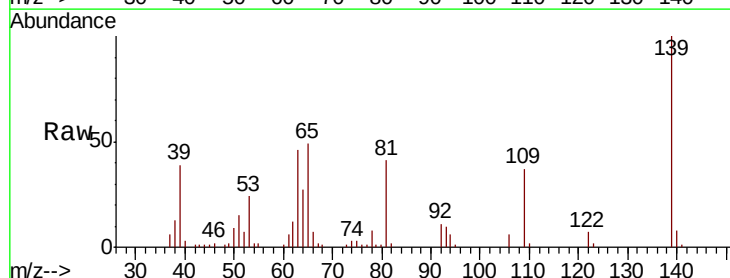
Tgt Ion: 139 Resp: 50653

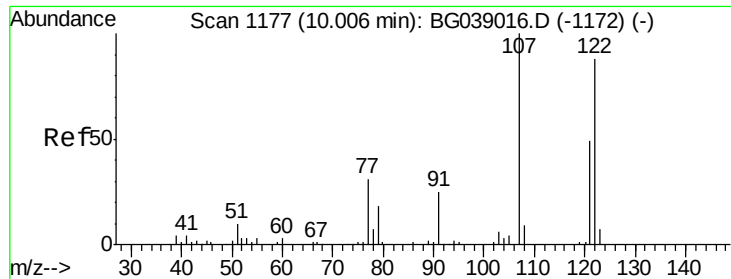
Ion Ratio Lower Upper

139 100

109 36.9 27.3 40.9

65 48.5 40.6 61.0

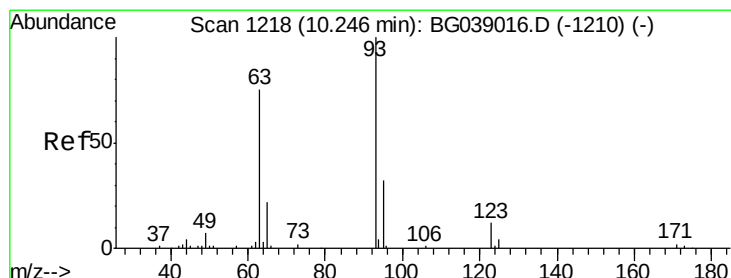
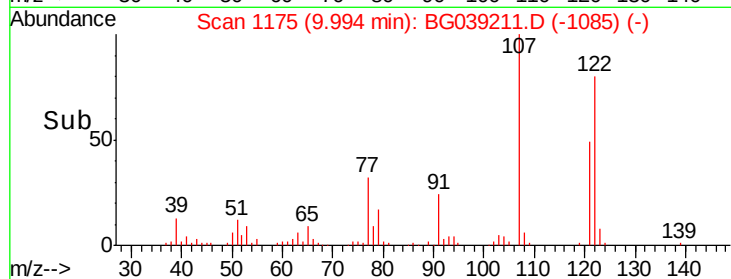
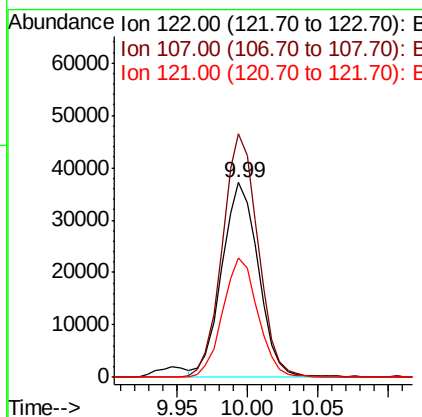
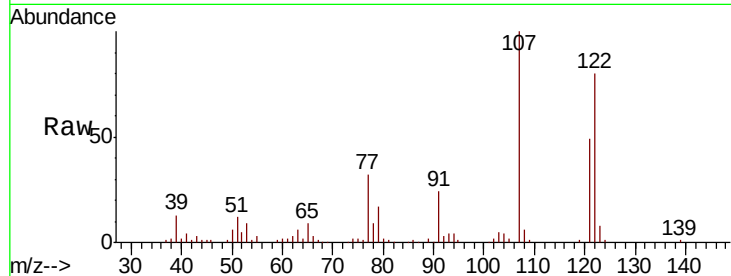




#27
 2,4-Dimethylphenol
 Concen: 39.152 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

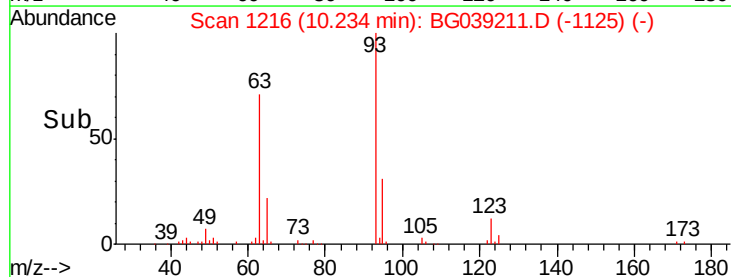
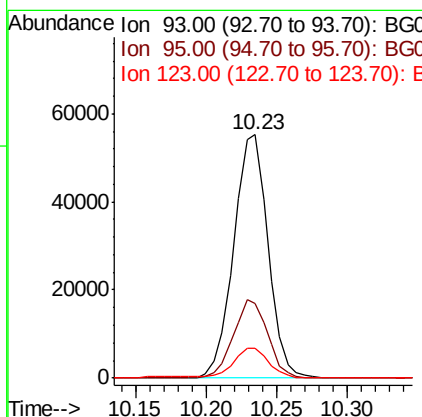
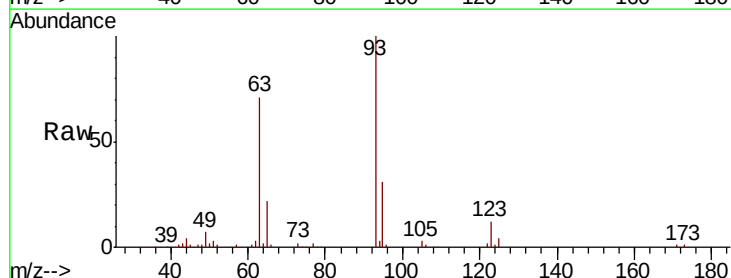
Instrument :
 BNA_G
 ClientSampleId :

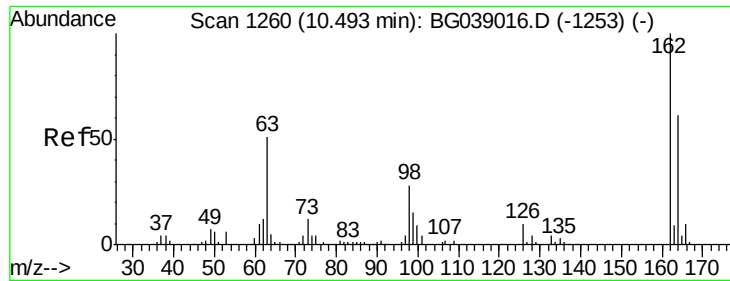
Tot Ion:122 Resp: 67027
 Ion Ratio Lower Upper
 122 100
 107 125.2 88.8 133.2
 121 61.3 43.1 64.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.706 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

Tgt Ion: 93 Resp: 93797
 Ion Ratio Lower Upper
 93 100
 95 30.9 25.6 38.4
 123 12.1 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 40.187 ng

RT: 10.48 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

ClientSampleId :

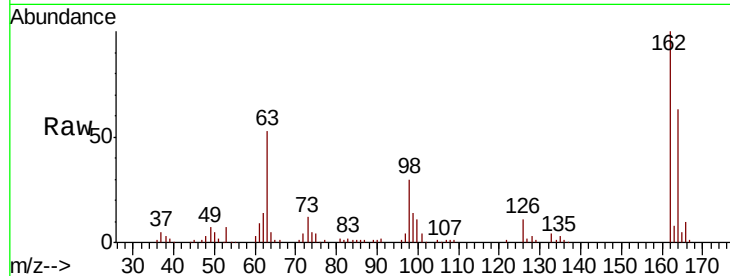
Tot Ion:162 Resp: 85472

Ion Ratio Lower Upper

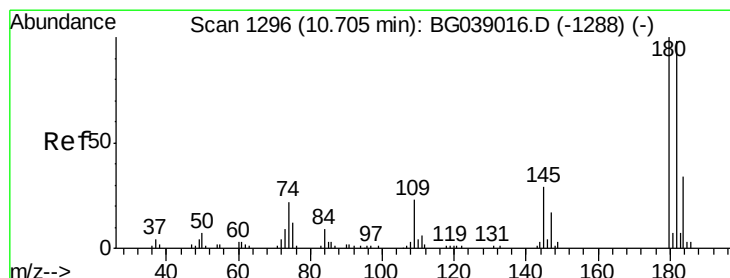
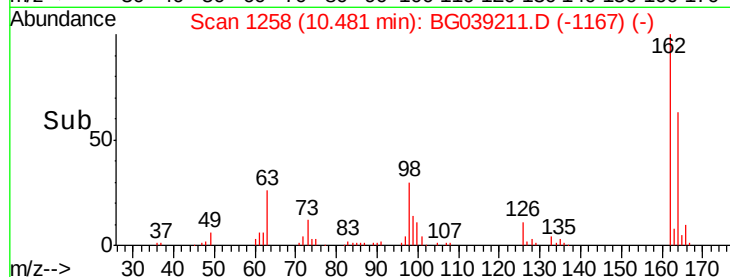
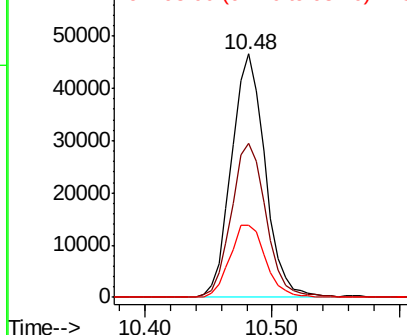
162 100

164 63.2 41.3 81.3

98 29.5 8.3 48.3



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



#30

1,2,4-Trichlorobenzene

Concen: 38.207 ng

RT: 10.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

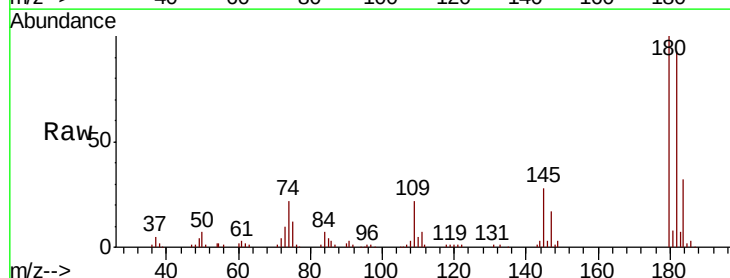
Tgt Ion:180 Resp: 97638

Ion Ratio Lower Upper

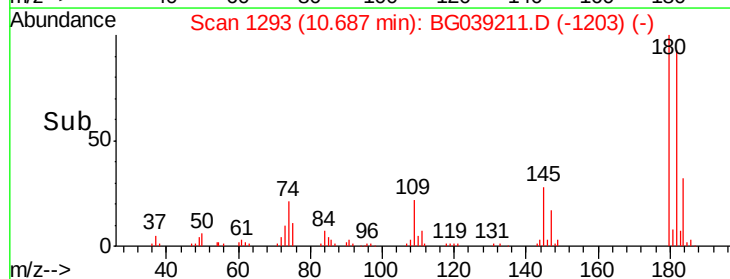
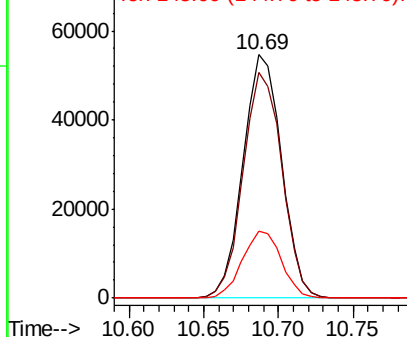
180 100

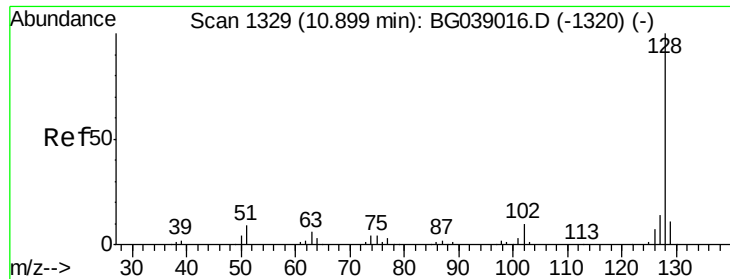
182 92.8 78.1 117.1

145 27.6 23.1 34.7



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

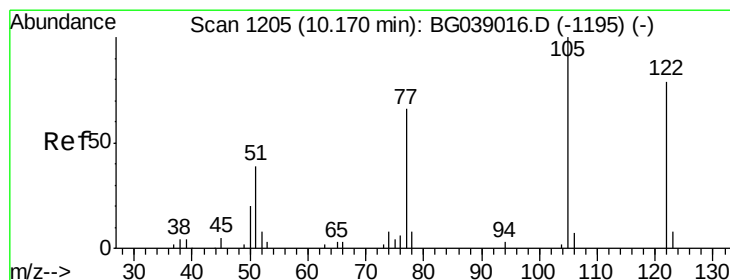
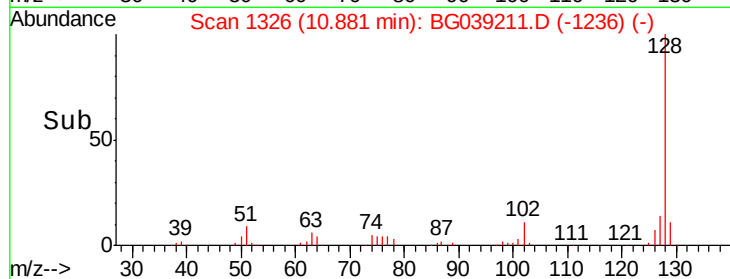
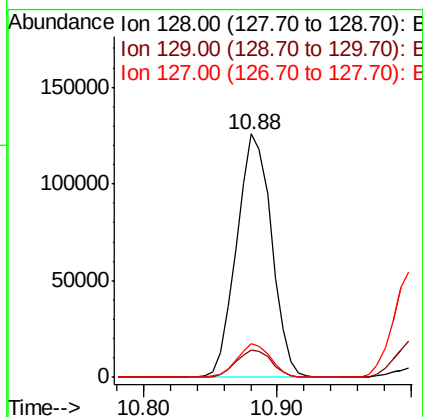
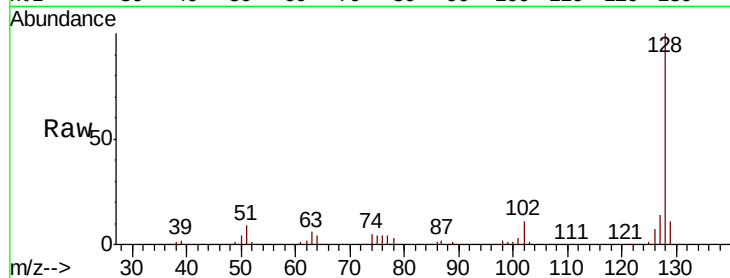




#31
Naphthalene
Concen: 37.289 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

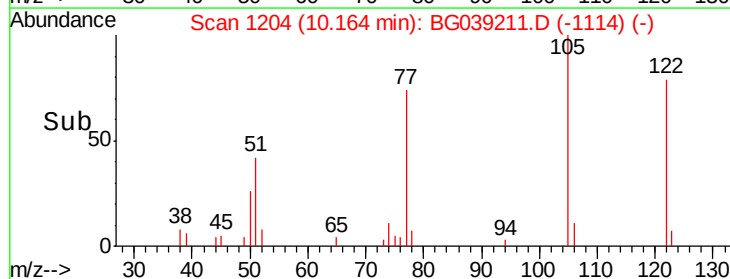
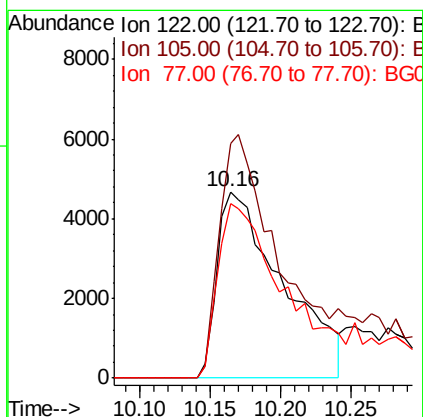
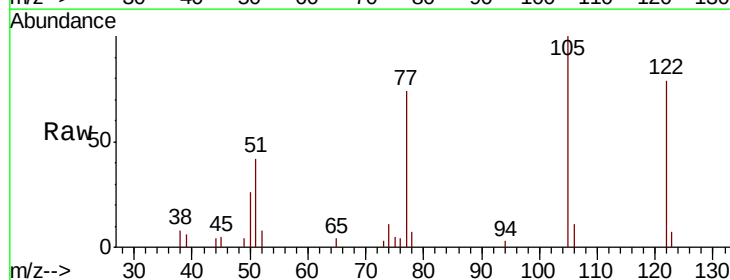
Instrument :
BNA_G
ClientSampleId :

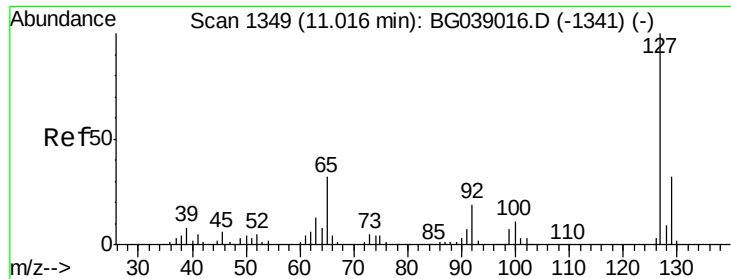
Tot Ion:128 Resp: 227778
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.6 11.2 16.8



#32
Benzoic acid
Concen: 20.983 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion:122 Resp: 15123
Ion Ratio Lower Upper
122 100
105 126.4 106.4 146.4
77 93.8 63.6 103.6

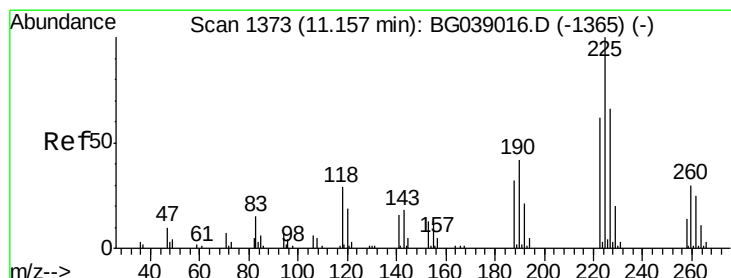
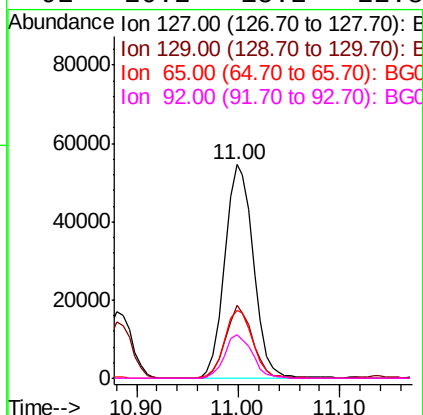
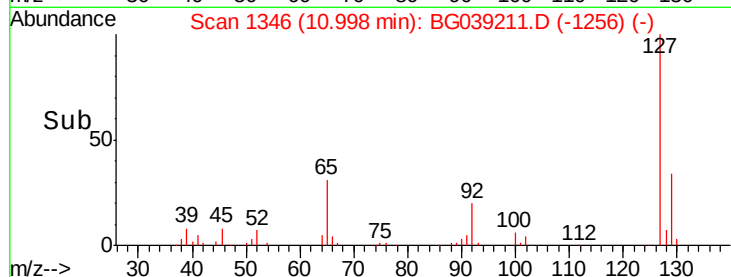
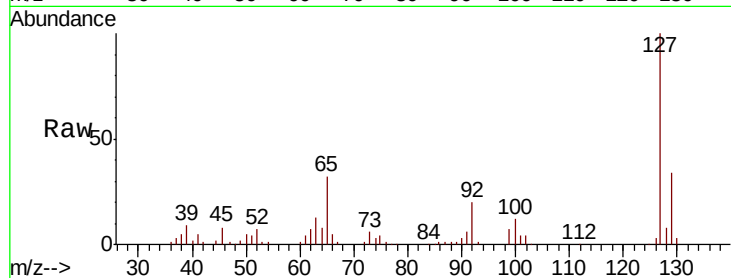




#33
4-Chloroaniline
Concen: 39.131 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

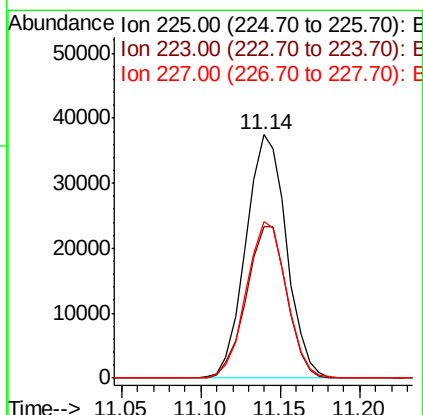
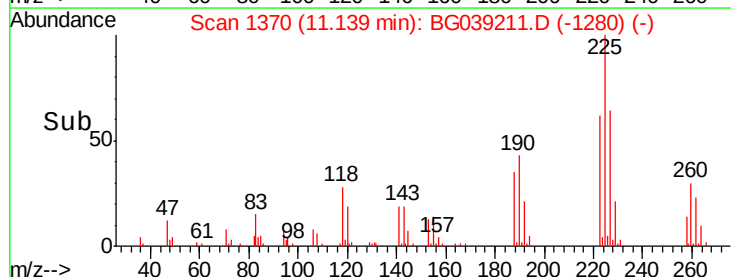
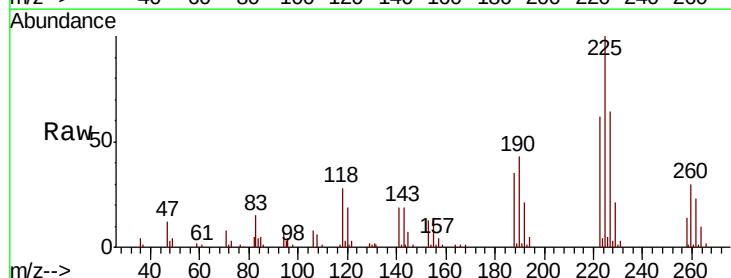
Instrument :
BNA_G
ClientSampleId :

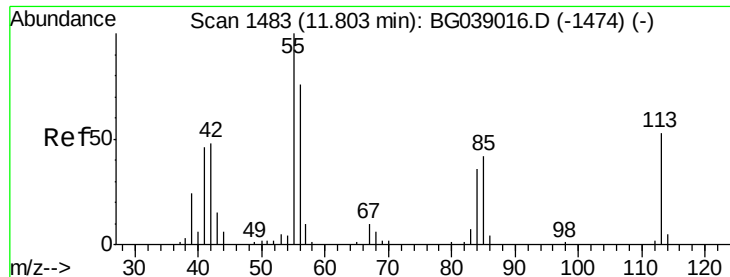
Tot Ion:	127	Resp:	106957
Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.4	38.0
65	31.5	25.4	38.0
92	20.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 37.823 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion:	225	Resp:	66508
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.2	75.4
227	67.2	53.2	79.8

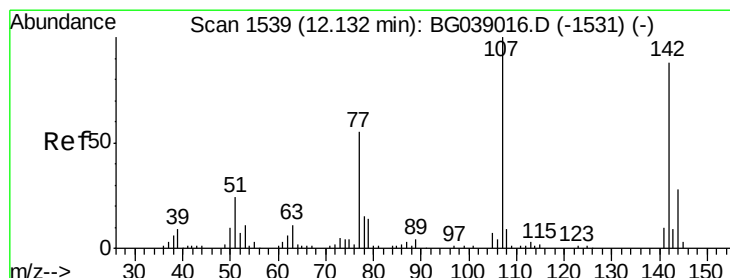
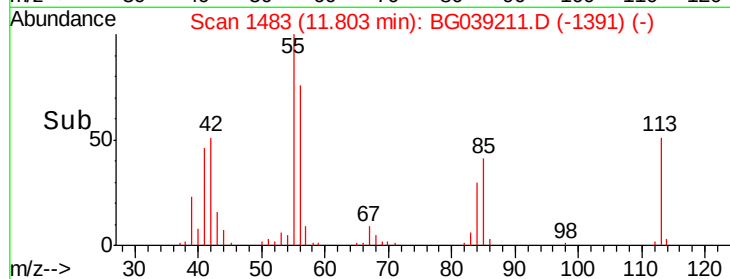
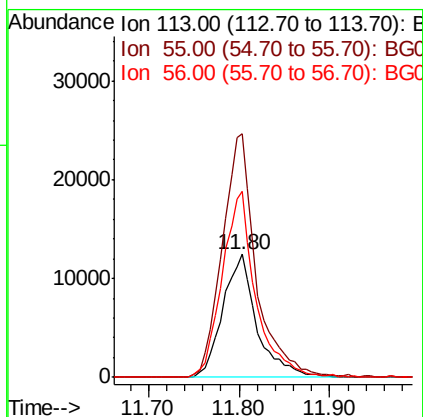
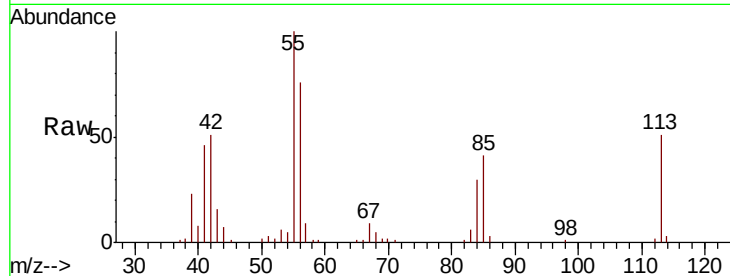




#35
 Caprolactam
 Concen: 38.062 ng
 RT: 11.80 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

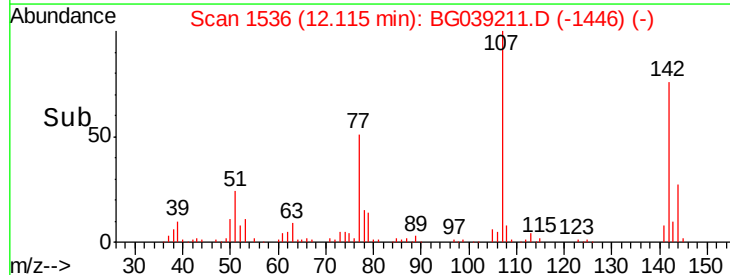
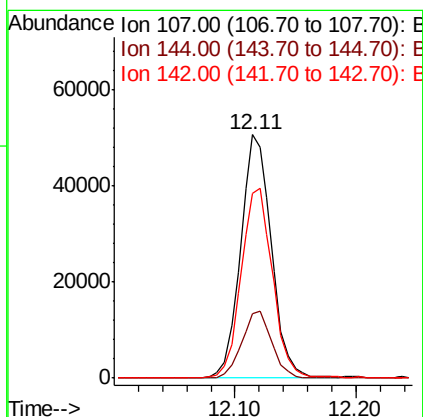
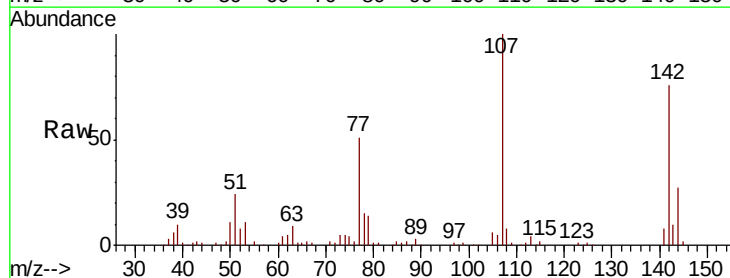
Instrument :
 BNA_G
 ClientSampleId :

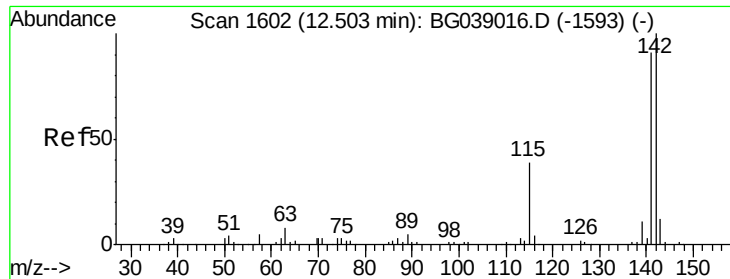
Tot Ion:113 Resp: 32462
 Ion Ratio Lower Upper
 113 100
 55 197.9 168.6 208.6
 56 151.0 123.2 163.2



#36
 4-Chloro-3-methylphenol
 Concen: 39.431 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

Tgt Ion:107 Resp: 89697
 Ion Ratio Lower Upper
 107 100
 144 26.7 22.6 34.0
 142 75.7 70.2 105.4

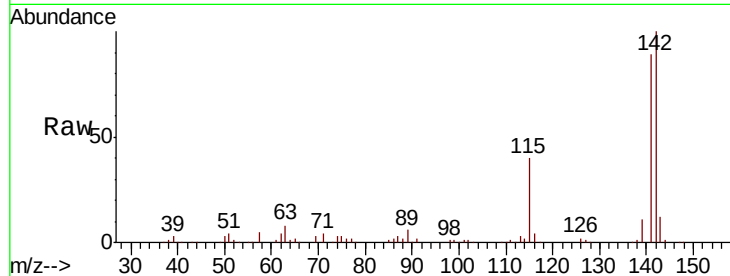




#37
 2-Methylnaphthalene
 Concen: 38.508 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.6	109.0
115	40.4	31.1	46.7

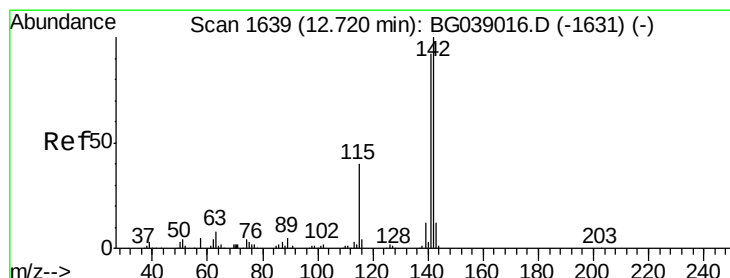
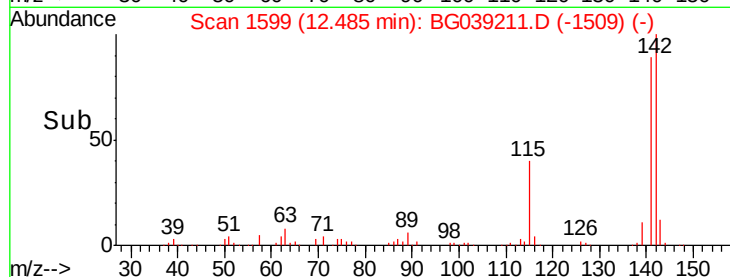
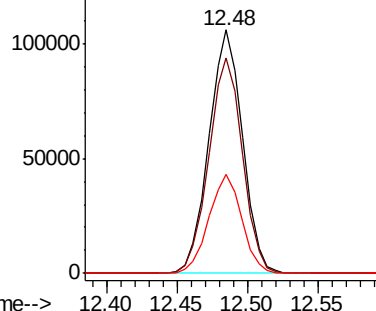


Abundance

Ion 142.00 (141.70 to 142.70): E

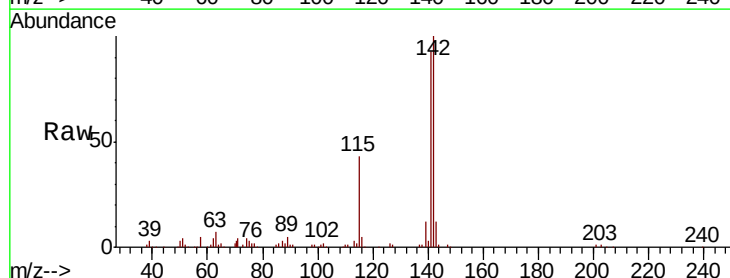
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 38.276 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.3	109.9
116	4.5	3.1	4.7

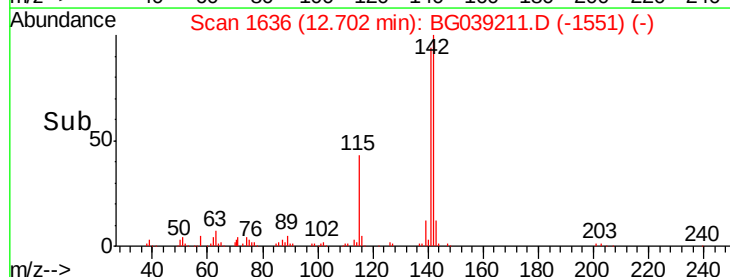
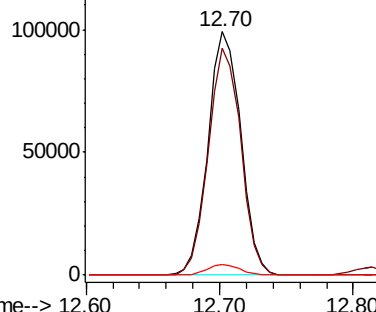


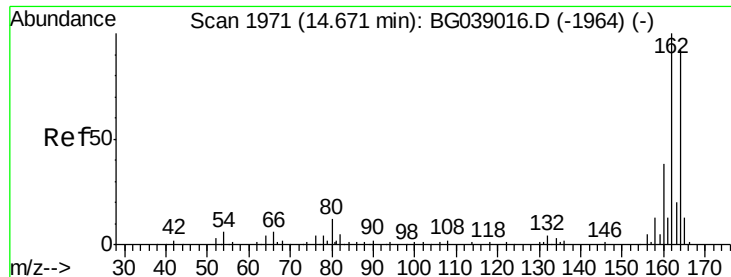
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

ClientSampleId :

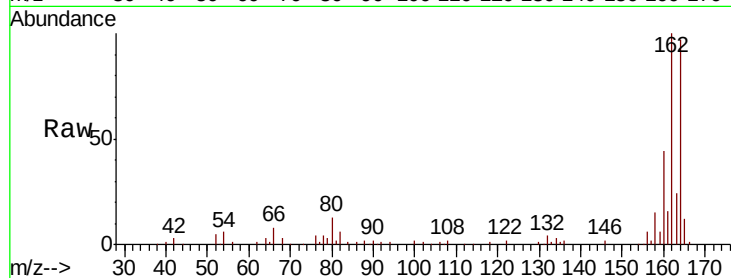
Tot Ion:164 Resp: 81988

Ion Ratio Lower Upper

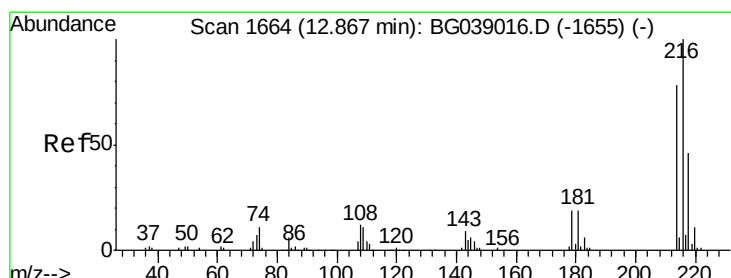
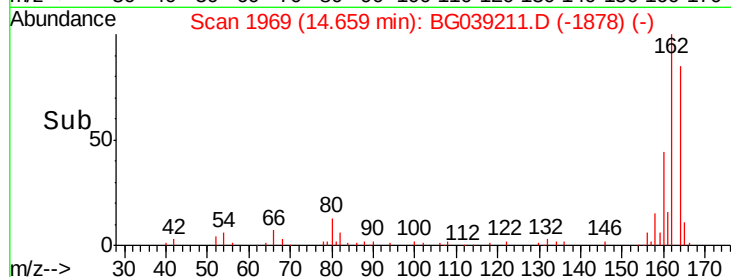
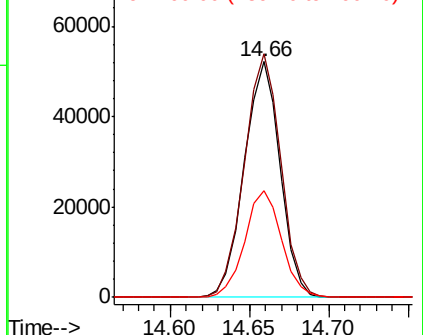
164 100

162 103.3 87.2 130.8

160 45.3 33.3 49.9



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.569 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Tgt Ion:216 Resp: 121837

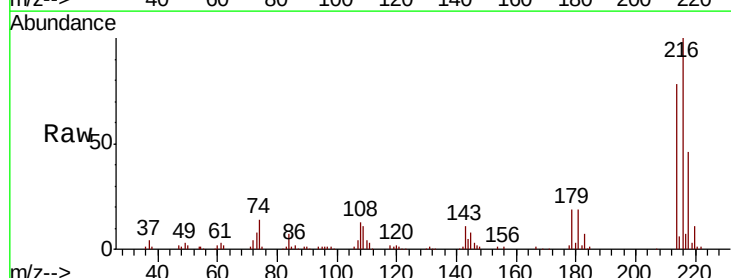
Ion Ratio Lower Upper

216 100

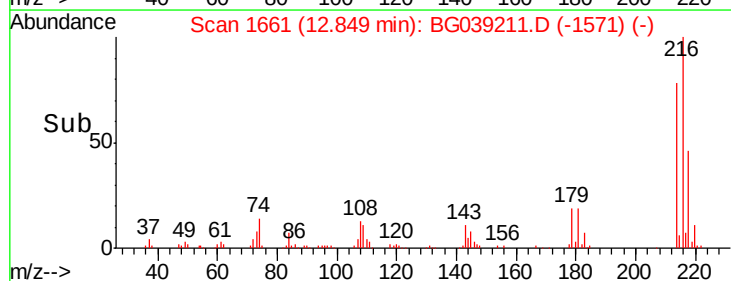
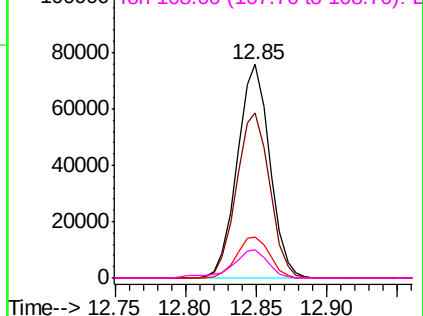
214 79.0 63.4 95.2

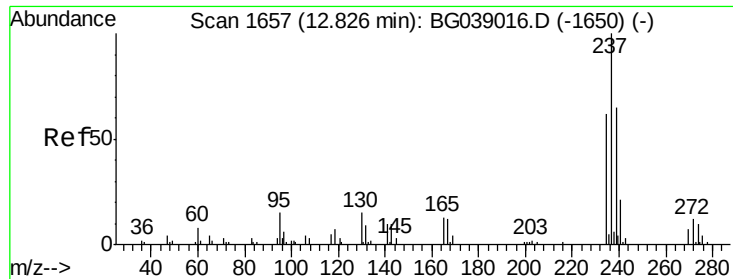
179 19.5 15.5 23.3

108 14.6 11.4 17.2



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: 33.139 ng

RT: 12.81 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

ClientSampleId :

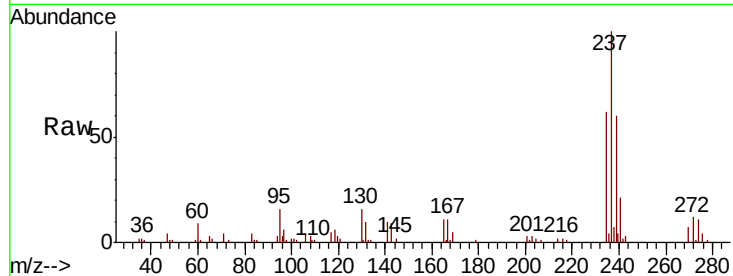
Tot Ion:237 Resp: 51194

Ion Ratio Lower Upper

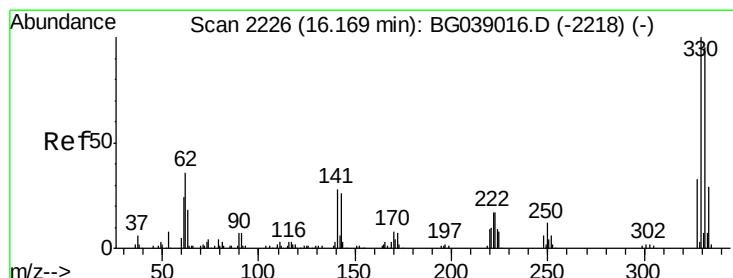
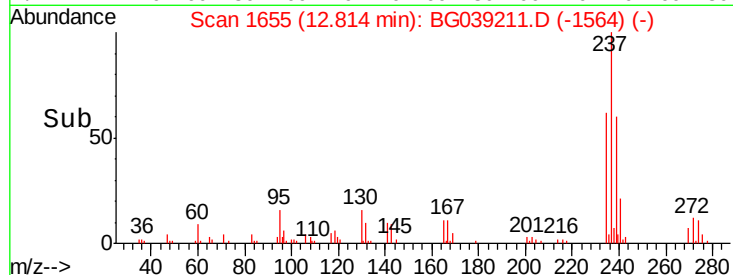
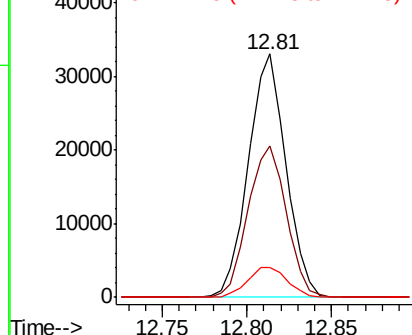
237 100

235 62.0 41.7 81.7

272 12.2 0.0 32.1



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: 79.992 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

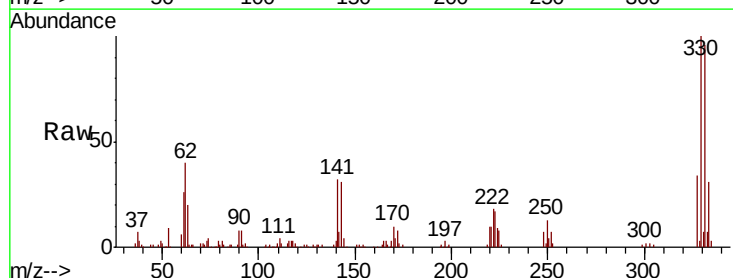
Tgt Ion:330 Resp: 109936

Ion Ratio Lower Upper

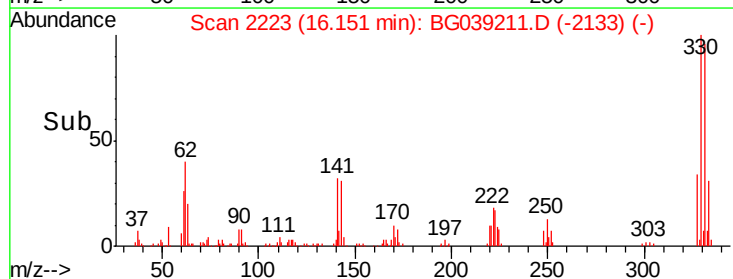
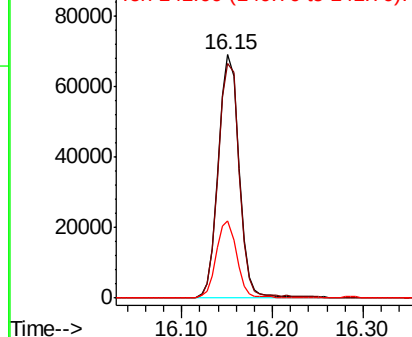
330 100

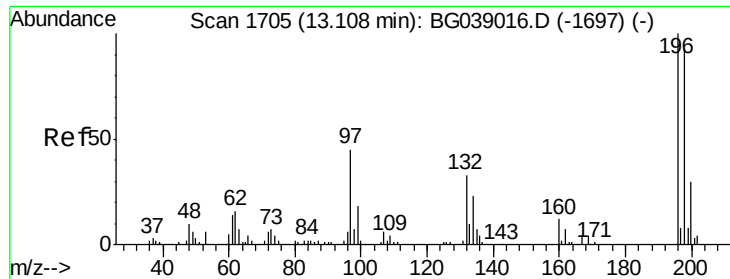
332 98.6 75.7 113.5

141 31.2 24.9 37.3



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

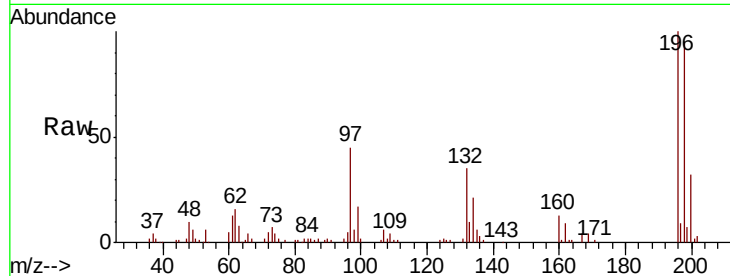




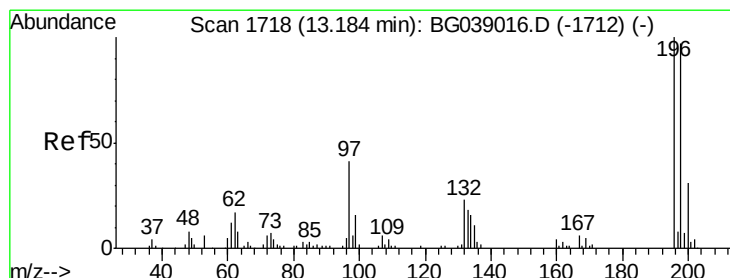
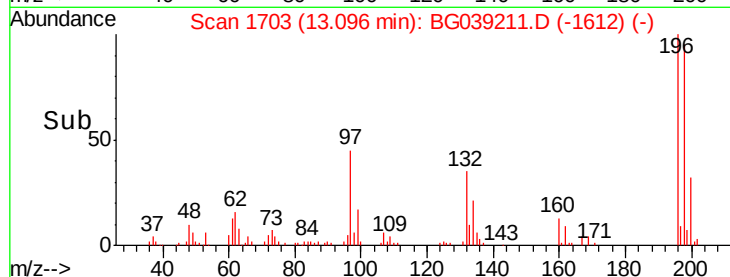
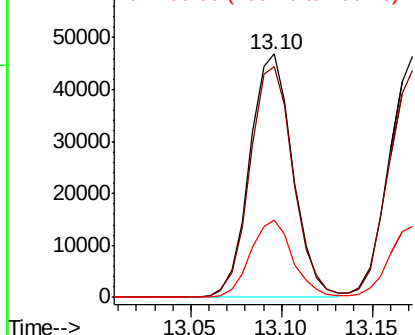
#43
 2,4,6-Trichlorophenol
 Concen: 40.109 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. 0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 77729
 Ion Ratio Lower Upper
 196 100
 198 94.6 74.5 111.7
 200 31.7 23.8 35.6



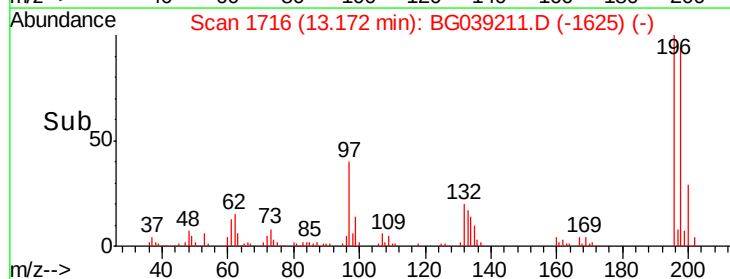
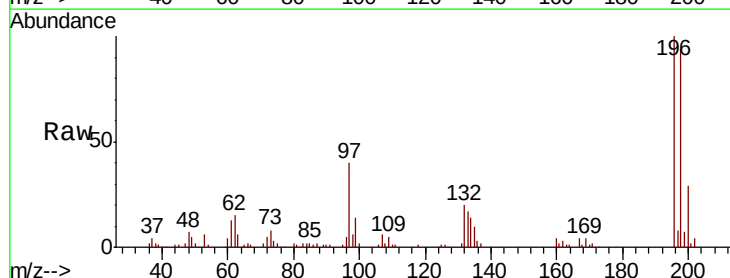
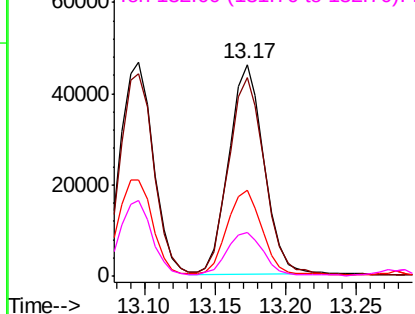
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

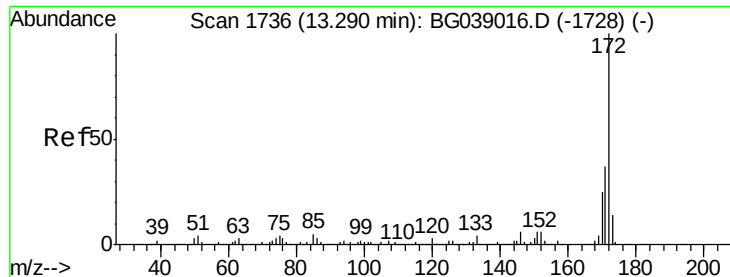


#44
 2,4,5-Trichlorophenol
 Concen: 39.026 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

Tgt Ion:196 Resp: 79933
 Ion Ratio Lower Upper
 196 100
 198 94.2 78.1 117.1
 97 40.5 33.2 49.8
 132 20.5 18.2 27.4

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

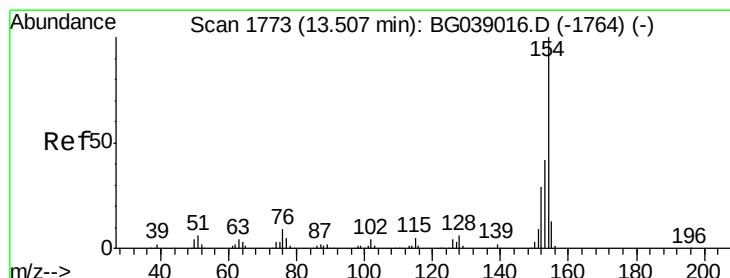
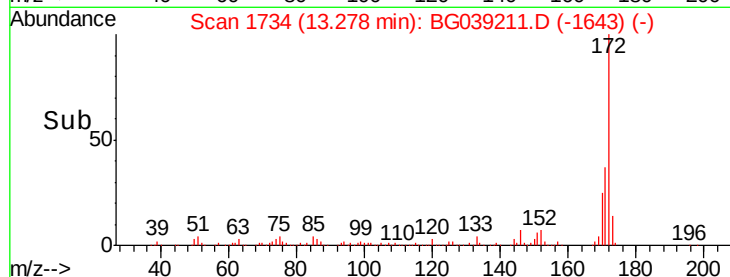
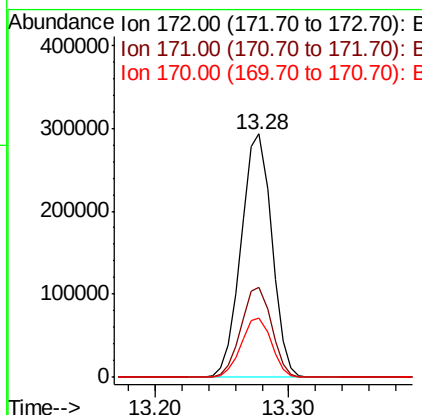
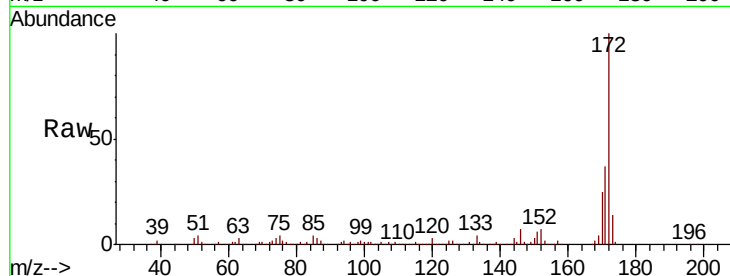




#45
2-Fluorobiphenyl
Concen: 77.650 ng
RT: 13.28 min Scan# 1734
Delta R.T. 0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

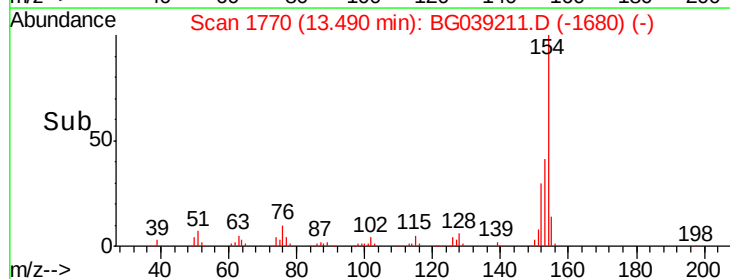
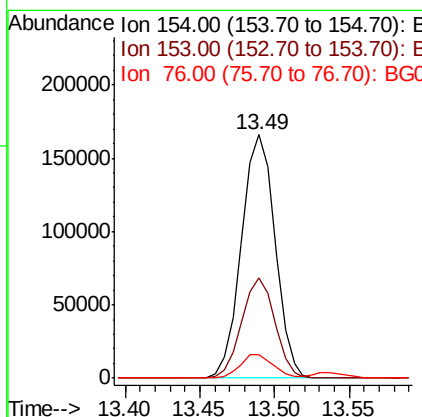
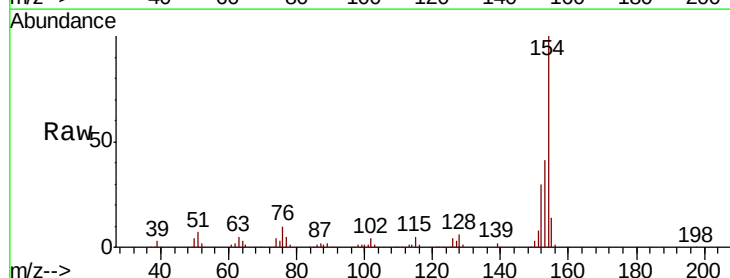
Instrument :
BNA_G
ClientSampleId :

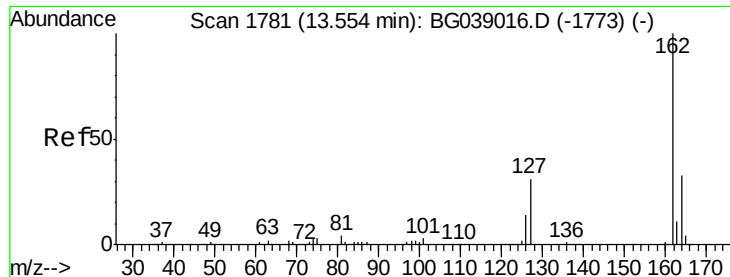
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	24.6	20.1	30.1



#46
1,1'-Biphenyl
Concen: 39.915 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	22.4	62.4
76	9.8	0.0	29.4

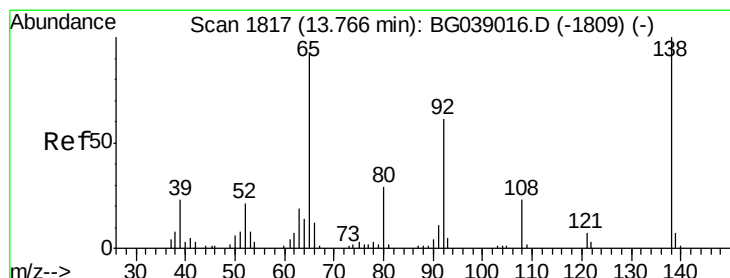
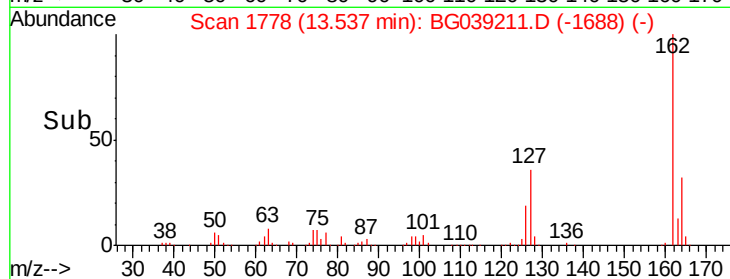
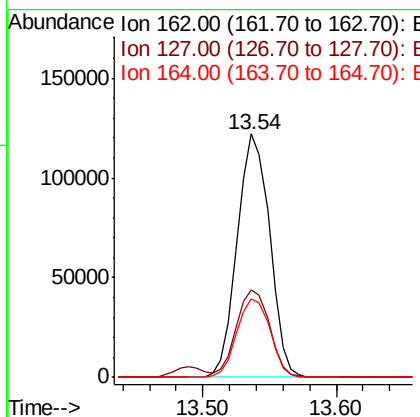
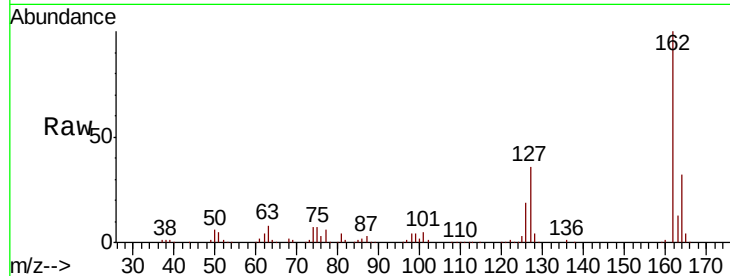




#47
 2-Chloronaphthalene
 Concen: 39.064 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

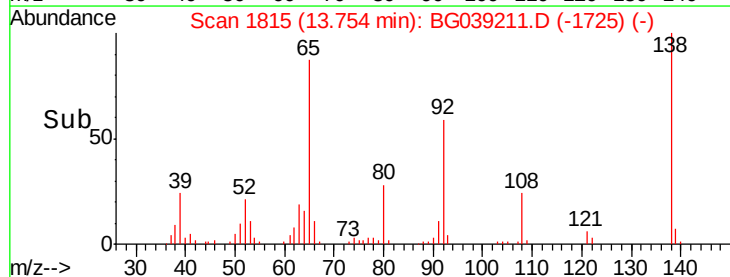
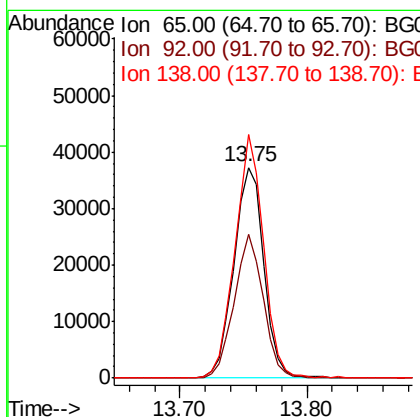
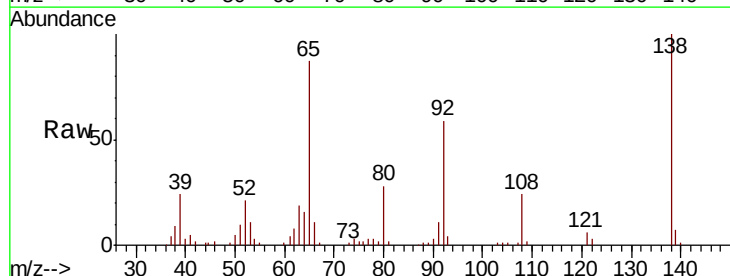
Instrument :
 BNA_G
 ClientSampleId :

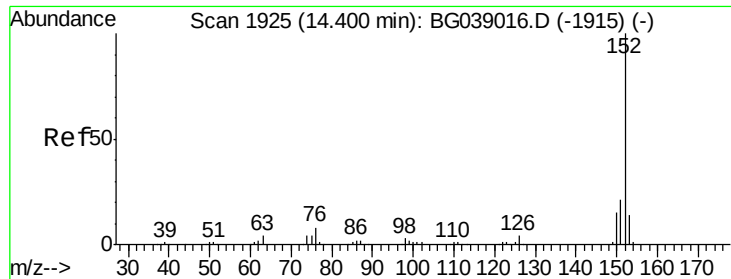
Tot Ion:162 Resp: 205368
 Ion Ratio Lower Upper
 162 100
 127 35.8 28.4 42.6
 164 32.3 26.3 39.5



#48
 2-Nitroaniline
 Concen: 41.102 ng
 RT: 13.75 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

Tgt Ion: 65 Resp: 60536
 Ion Ratio Lower Upper
 65 100
 92 67.9 52.2 78.4
 138 115.5 86.0 129.0





#49

Acenaphthylene

Concen: 38.530 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

ClientSampleId :

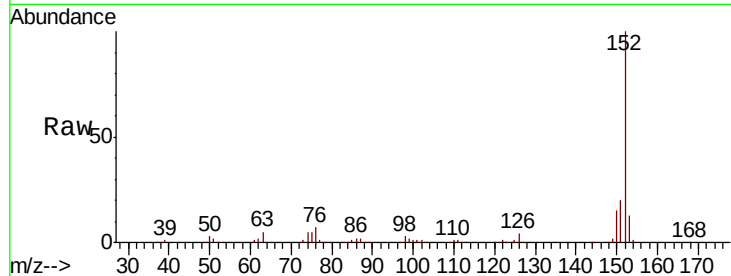
Tot Ion:152 Resp: 304461

Ion Ratio Lower Upper

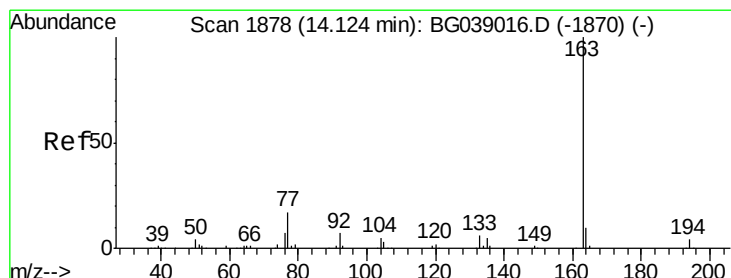
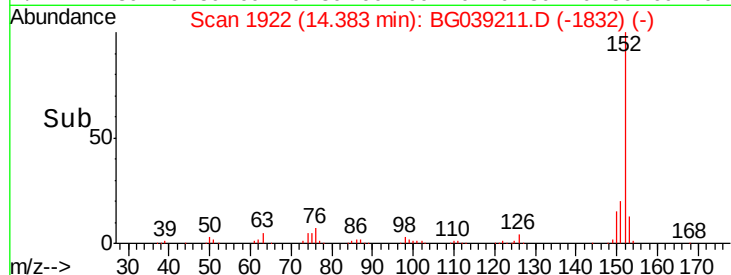
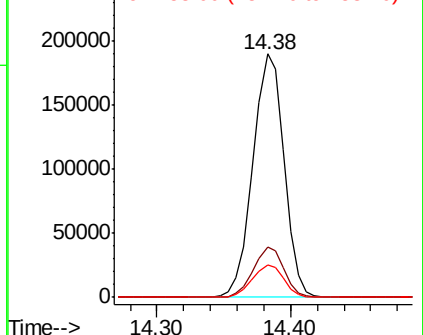
152 100

151 20.4 17.0 25.4

153 13.2 11.2 16.8



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: 37.636 ng

RT: 14.11 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

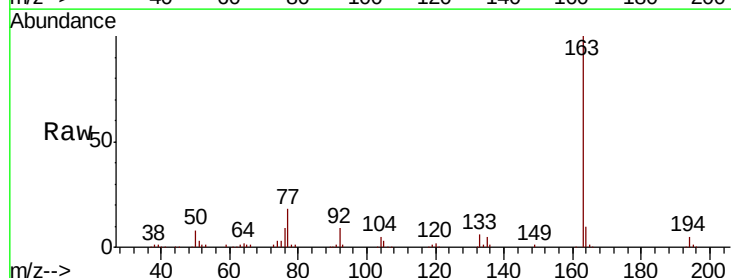
Tgt Ion:163 Resp: 260757

Ion Ratio Lower Upper

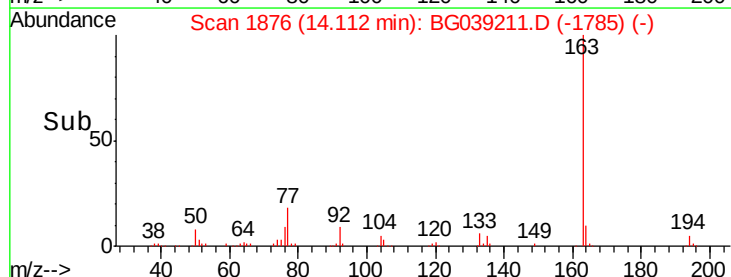
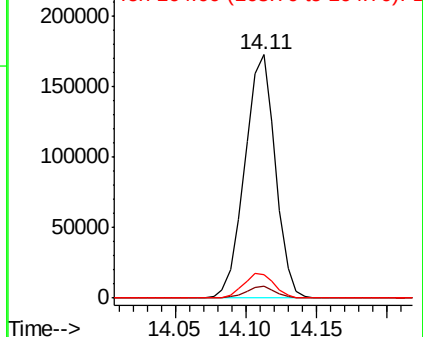
163 100

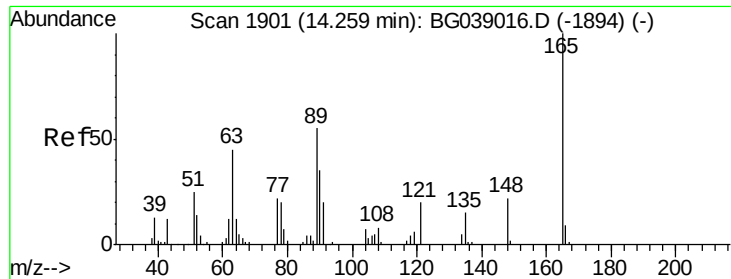
194 4.9 3.6 5.4

164 9.8 8.2 12.2



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: 38.241 ng

RT: 14.25 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

ClientSampleId :

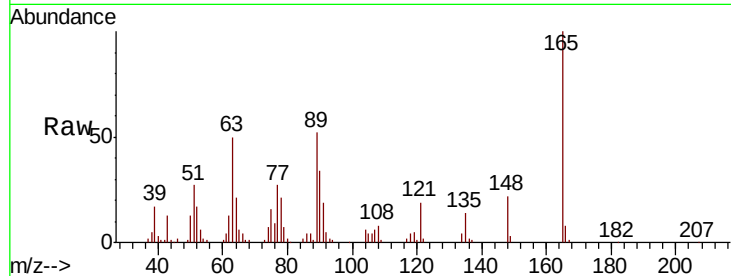
Tot Ion:165 Resp: 59235

Ion Ratio Lower Upper

165 100

63 50.1 43.6 65.4

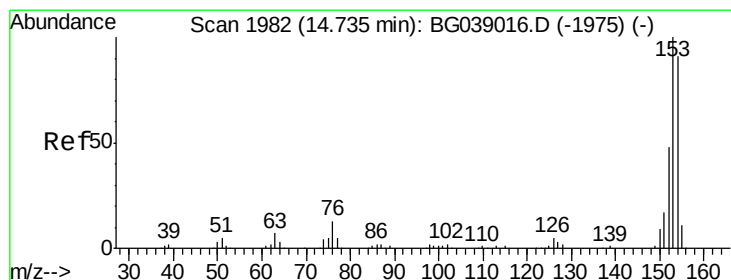
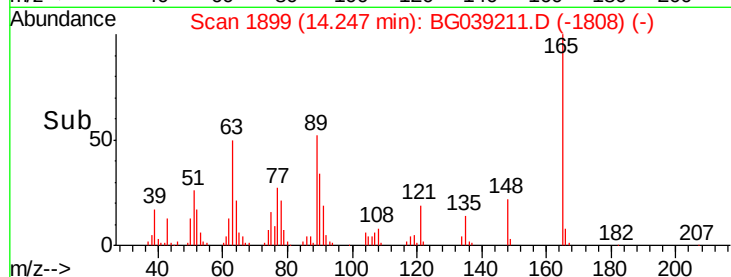
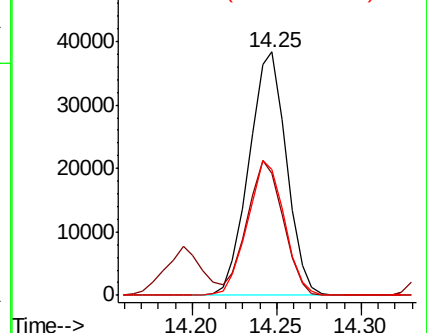
89 51.7 43.7 65.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0



#52

Acenaphthene

Concen: 38.711 ng

RT: 14.72 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

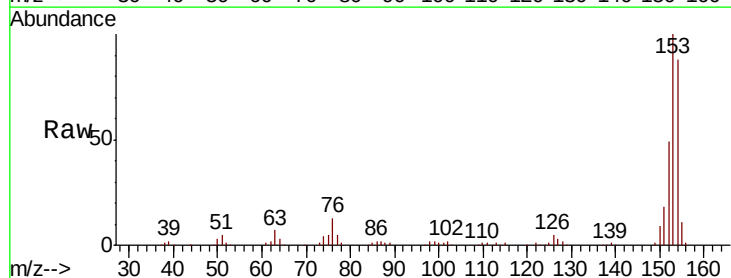
Tgt Ion:154 Resp: 183783

Ion Ratio Lower Upper

154 100

153 114.3 87.9 131.9

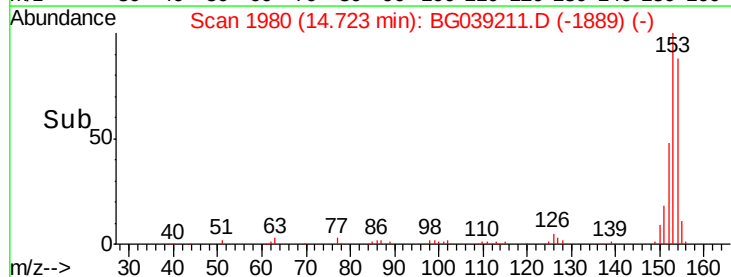
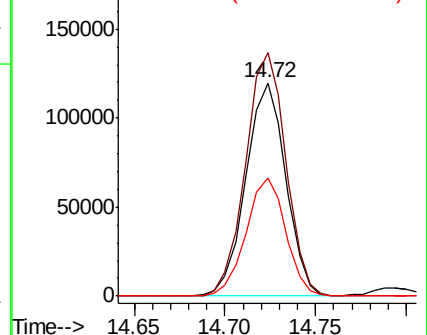
152 55.4 42.2 63.2

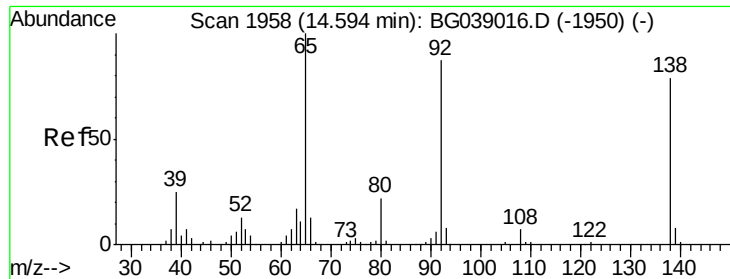


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 37.003 ng

RT: 14.58 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

ClientSampled :

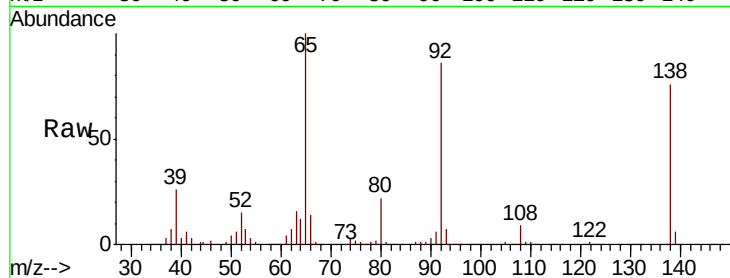
Tot Ion:138 Resp: 58146

Ion Ratio Lower Upper

138 100

108 11.3 7.4 11.0#

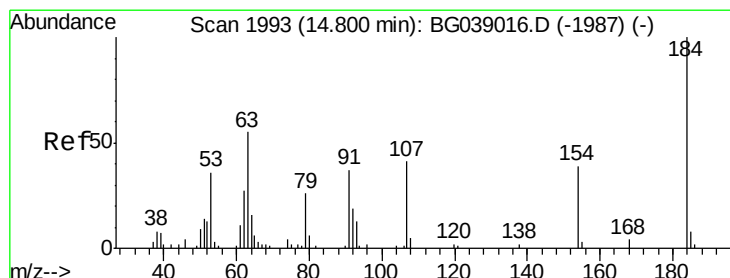
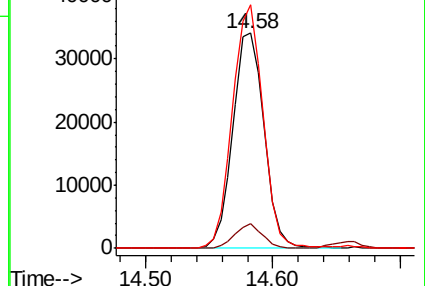
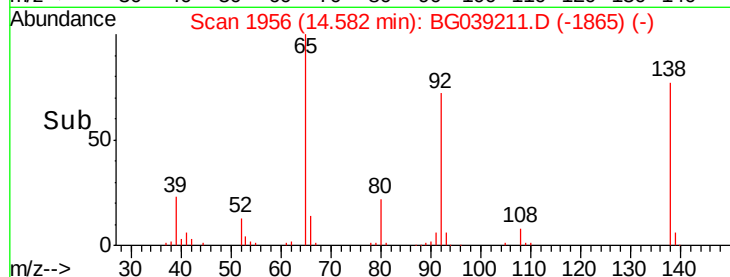
92 113.1 88.2 132.4



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: 19.664 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

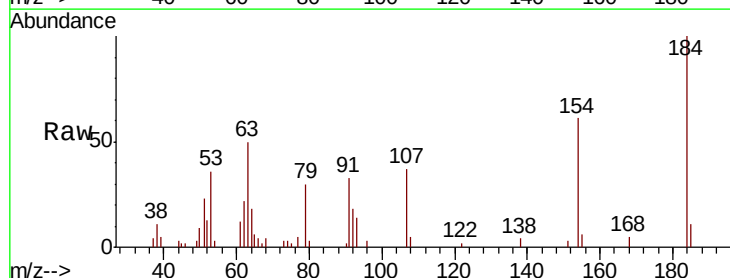
Tgt Ion:184 Resp: 14177

Ion Ratio Lower Upper

184 100

63 49.8 44.0 66.0

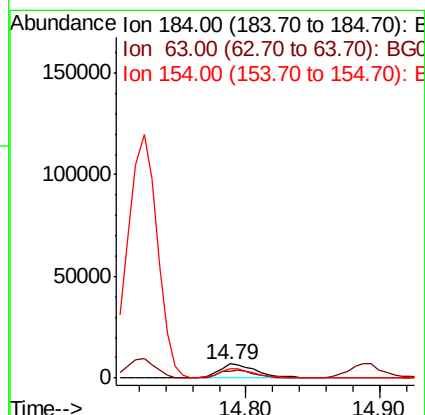
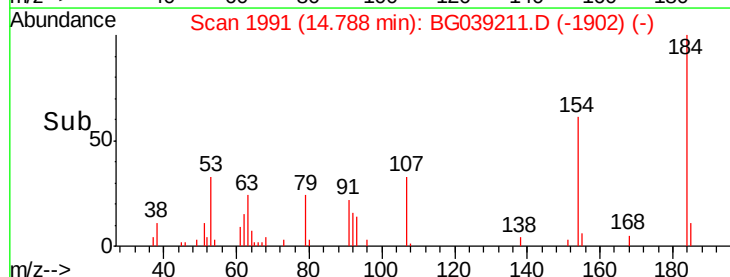
154 61.4 46.1 69.1

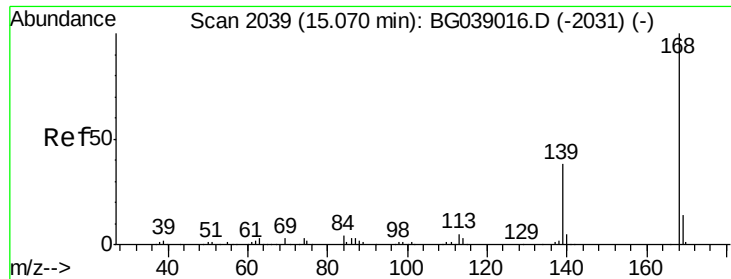


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

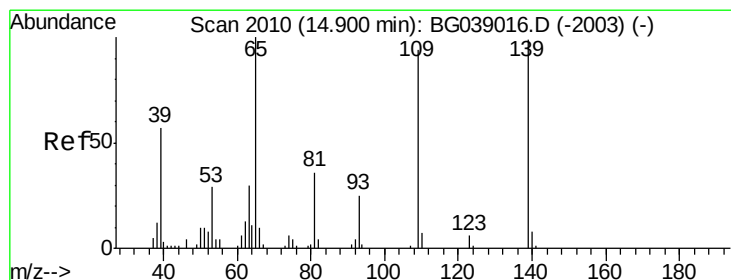
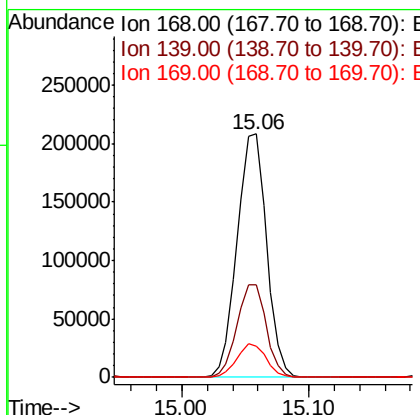
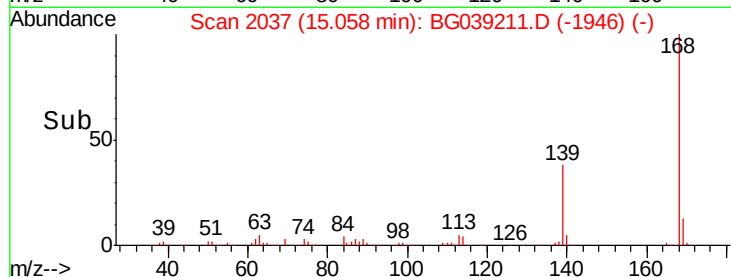
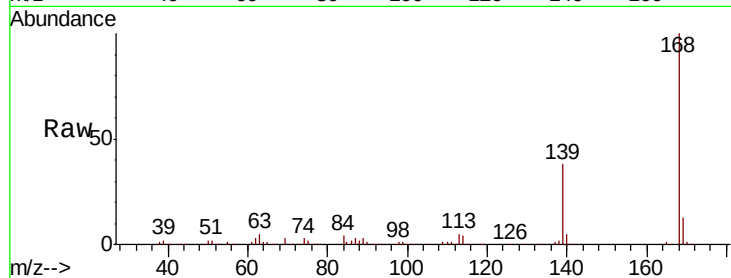




#55
Dibenzenofuran
Concen: 39.902 ng
RT: 15.06 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

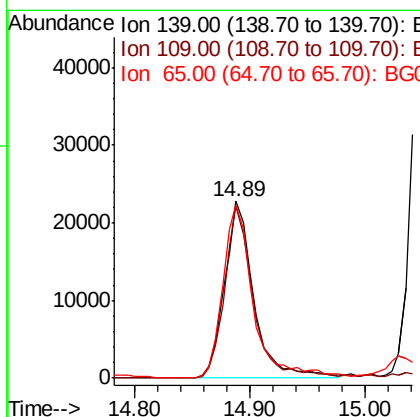
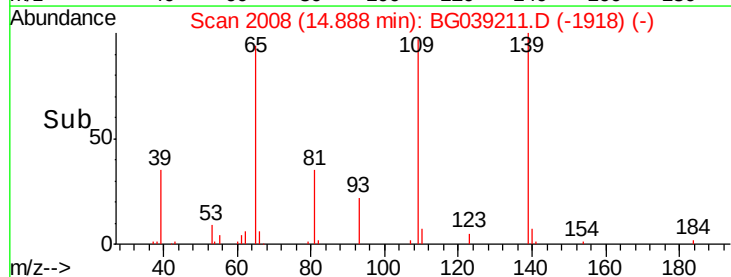
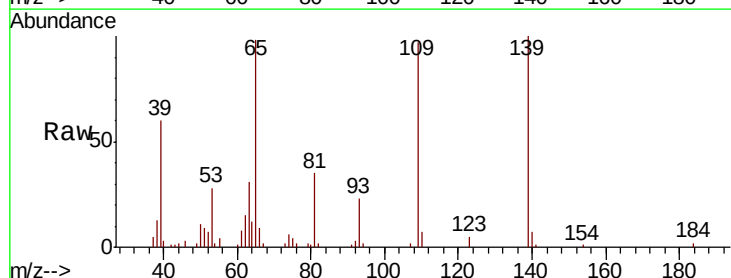
Instrument :
BNA_G
ClientSampled :

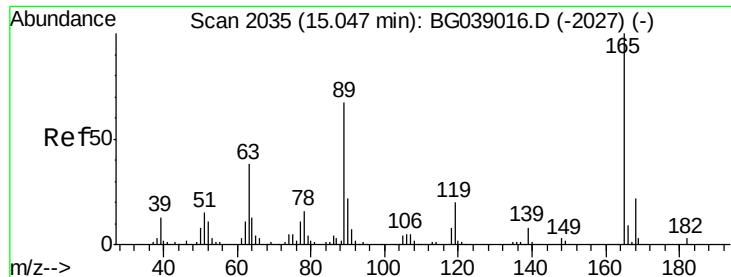
Tot Ion:168 Resp: 334578
Ion Ratio Lower Upper
168 100
139 38.0 30.1 45.1
169 12.9 10.9 16.3



#56
4-Nitrophenol
Concen: 35.296 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion:139 Resp: 39907
Ion Ratio Lower Upper
139 100
109 97.4 75.6 115.6
65 98.0 81.2 121.2

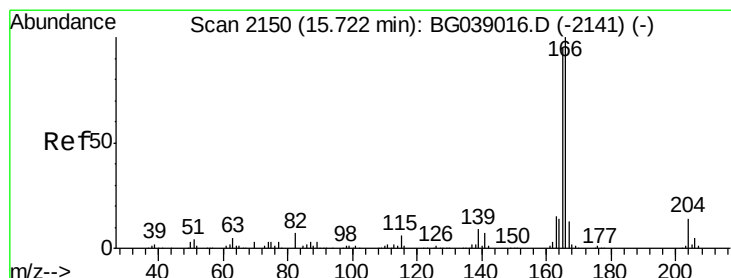
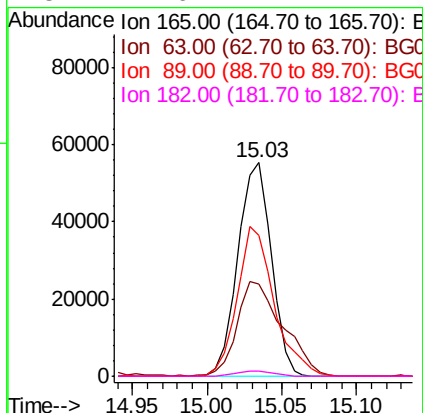
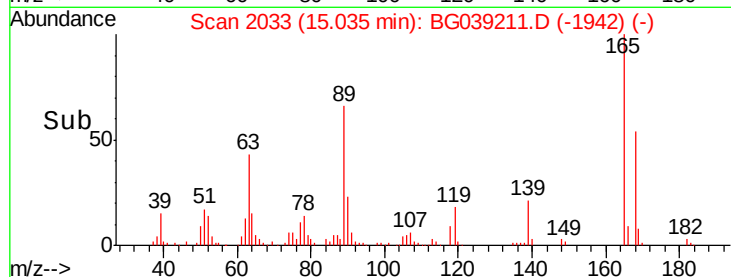
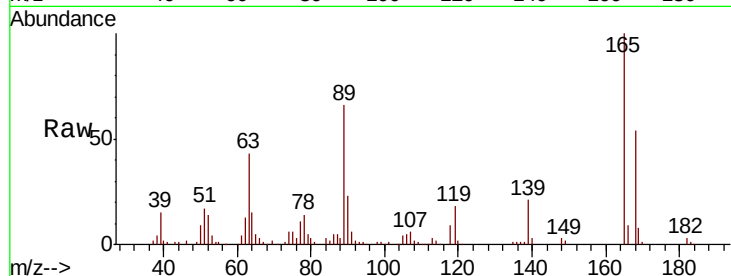




#57
 2,4-Dinitrotoluene
 Concen: 38.859 ng
 RT: 15.03 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

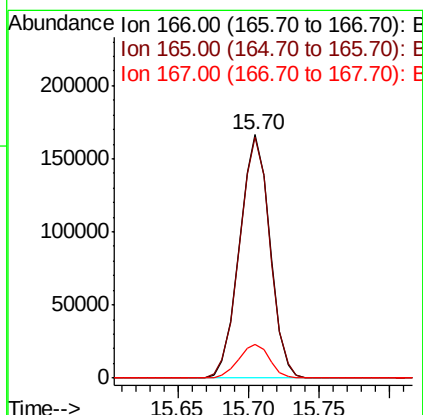
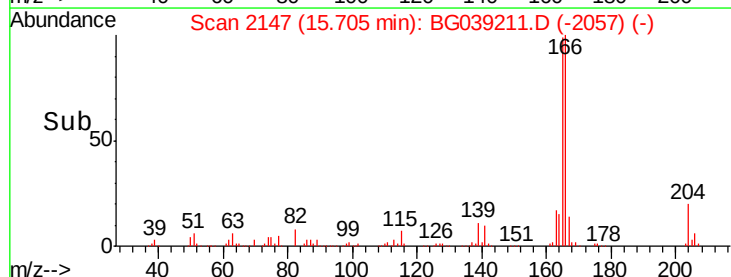
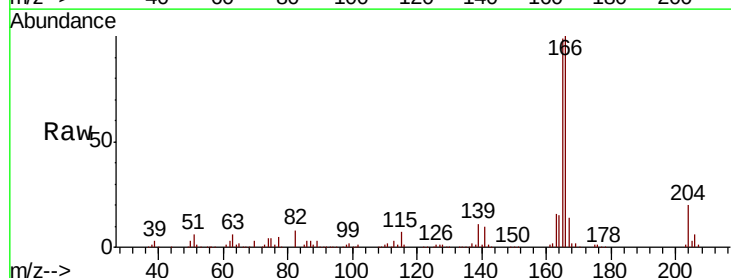
Instrument :
 BNA_G
 ClientSampleId :

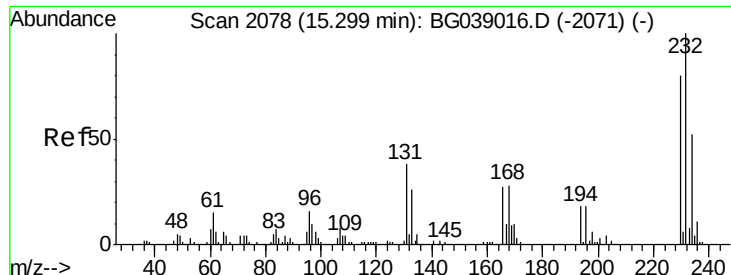
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.0	30.2	45.4
89	66.0	53.2	79.8
182	2.6	2.7	4.1#



#58
 Fluorene
 Concen: 39.640 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	76.2	114.2
167	13.7	10.6	16.0

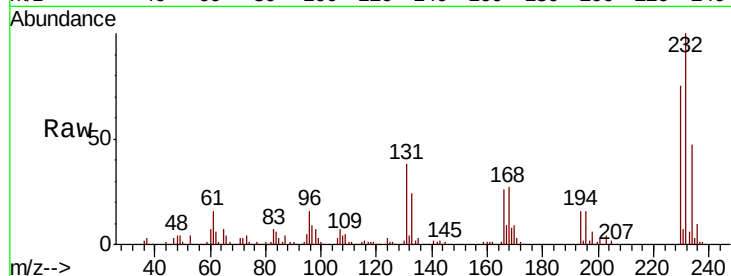




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.713 ng
RT: 15.28 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.1	30.9	46.3
130	2.3	1.9	2.9
166	25.9	22.1	33.1



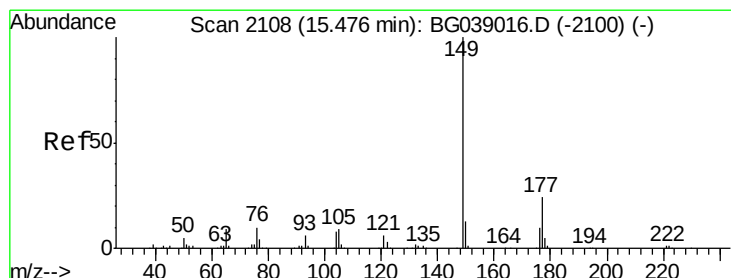
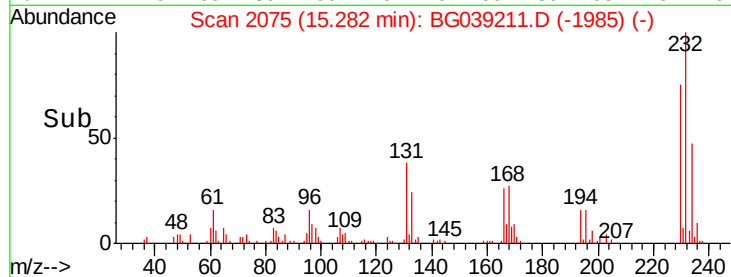
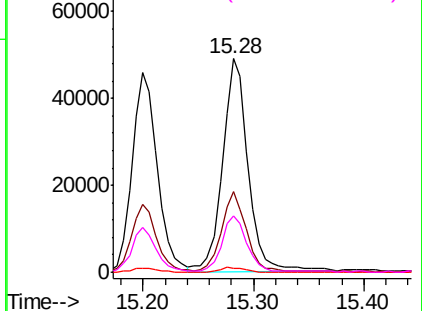
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

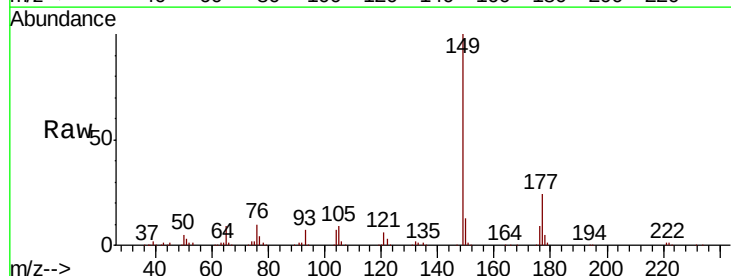
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.048 ng
RT: 15.46 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.0	28.6
150	12.9	10.2	15.4

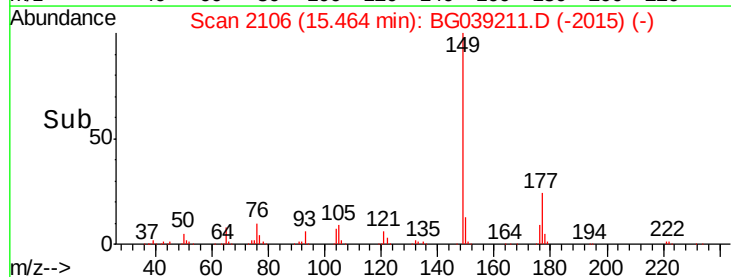
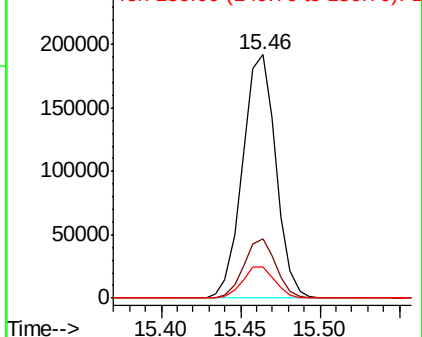


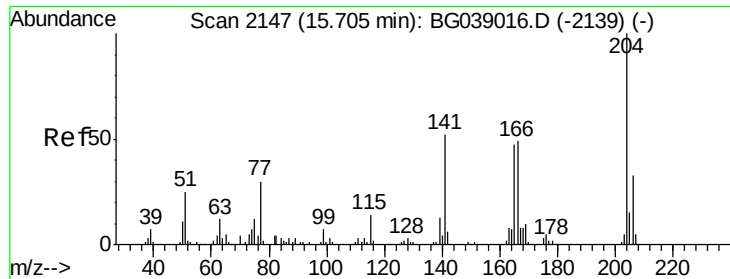
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

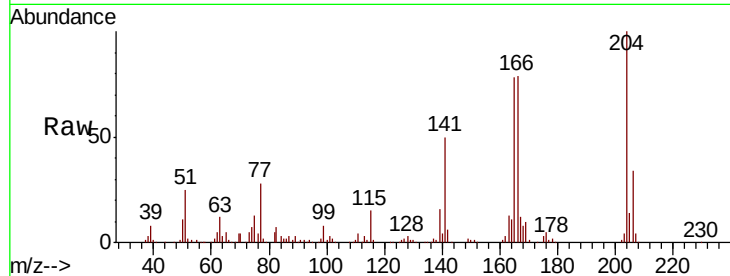




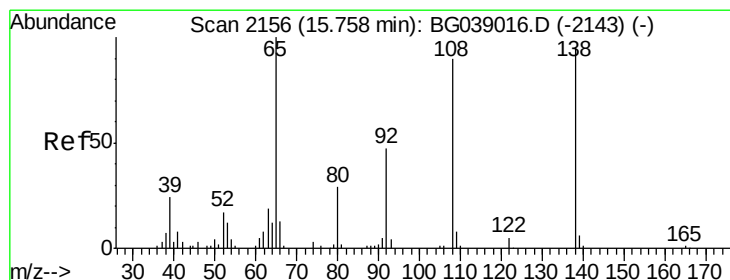
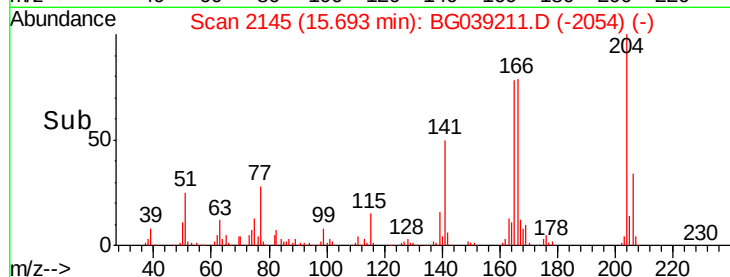
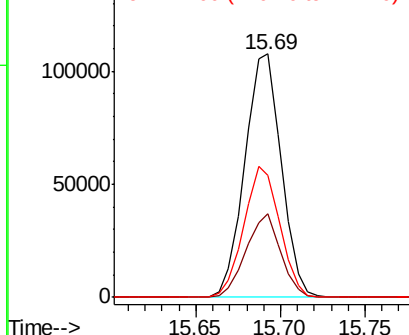
#61
4-Chlorophenyl-phenylether
Concen: 40.691 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 161800
Ion Ratio Lower Upper
204 100
206 34.2 26.6 39.8
141 50.4 41.4 62.0

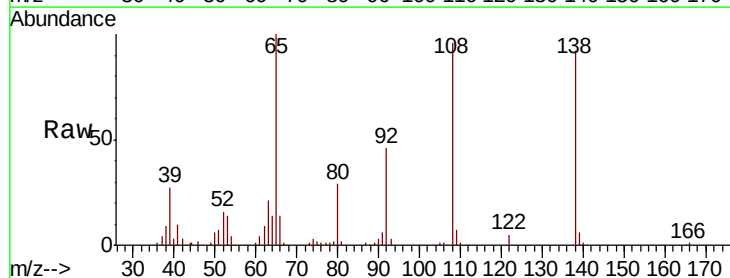


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

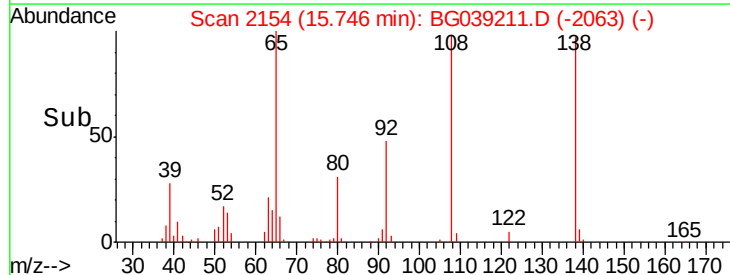
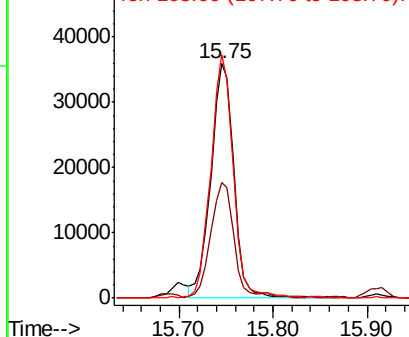


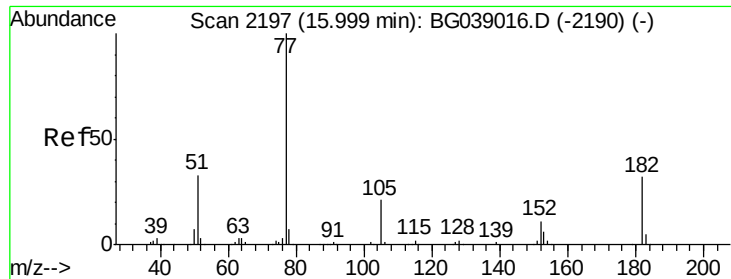
#62
4-Nitroaniline
Concen: 37.721 ng
RT: 15.75 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion:138 Resp: 61747
Ion Ratio Lower Upper
138 100
92 49.3 29.7 69.7
108 103.9 75.7 115.7



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

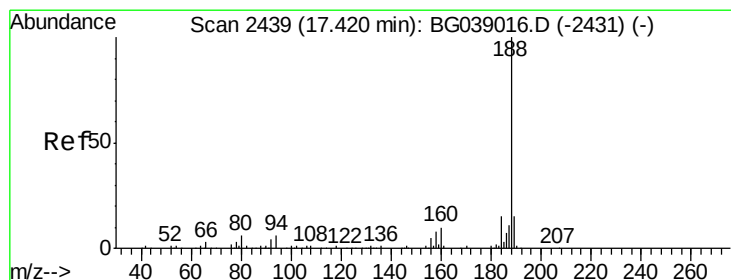
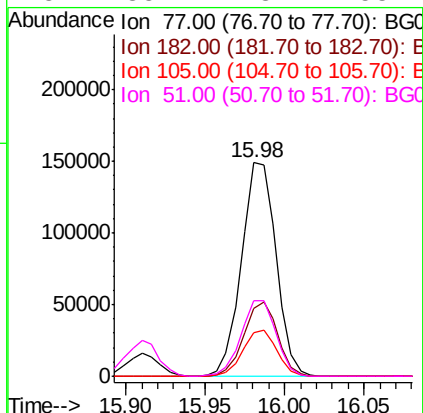
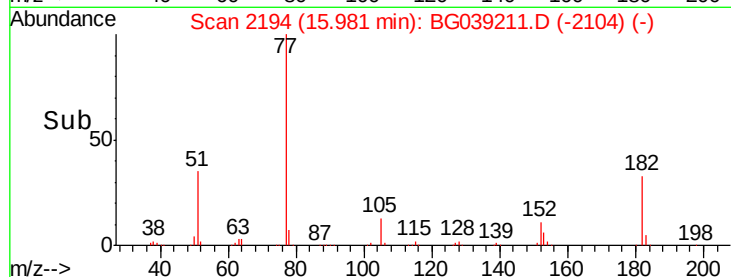
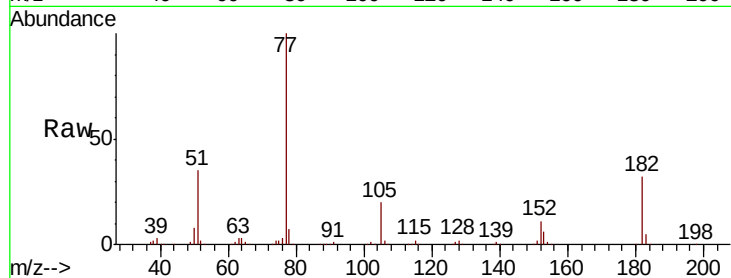




#63
Azobenzene
Concen: 40.581 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

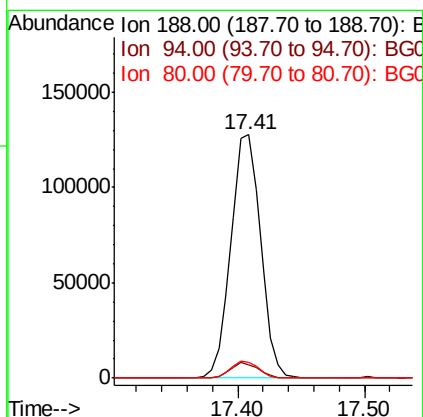
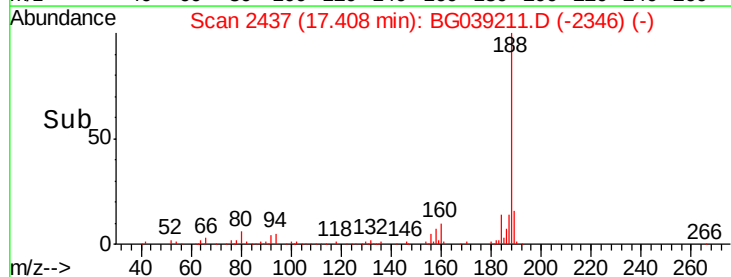
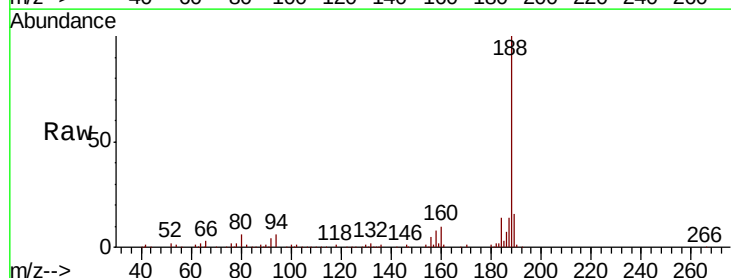
Instrument :
BNA_G
ClientSampleId :

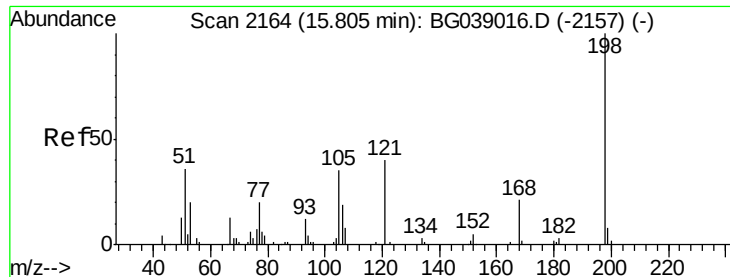
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	31.5	12.2	52.2	
105	20.5	1.2	41.2	
51	35.4	13.4	53.4	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.5	5.0	7.4	
80	6.5	4.7	7.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 29.766 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

ClientSampled :

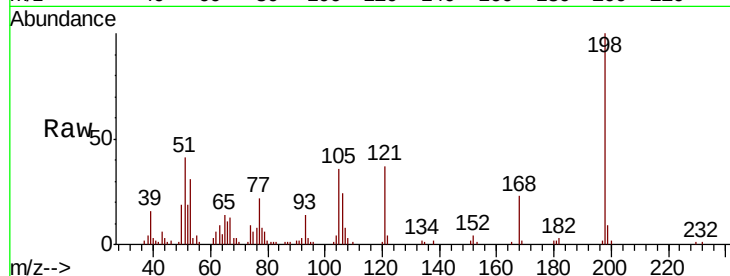
Tot Ion:198 Resp: 45435

Ion Ratio Lower Upper

198 100

51 41.5 20.8 60.8

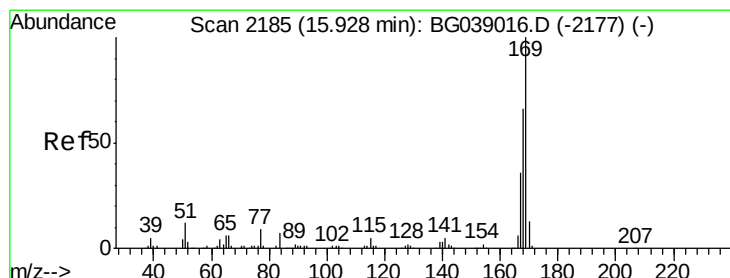
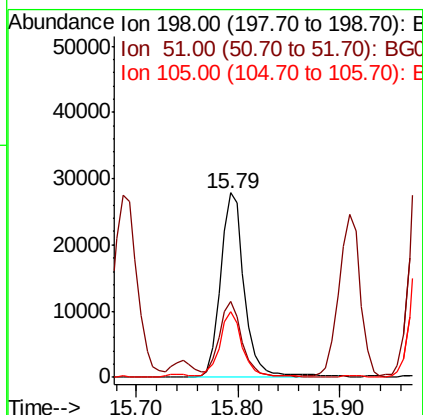
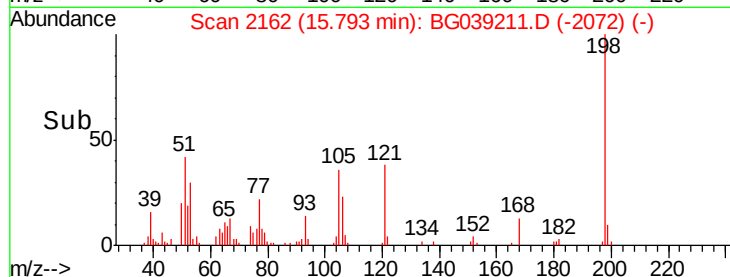
105 35.8 16.1 56.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039211.D (-2092) (-)

Ion 105.00 (104.70 to 105.70): BG039211.D (-2092) (-)



#66

n-Nitrosodiphenylamine

Concen: 40.917 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

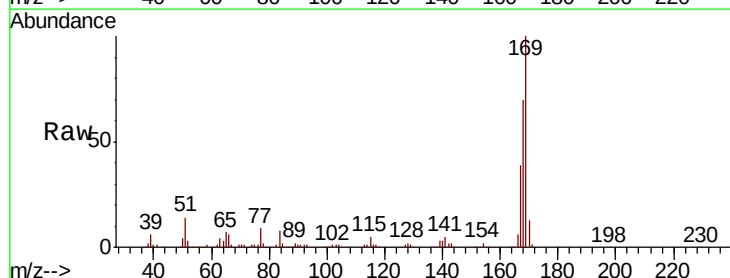
Tgt Ion:169 Resp: 249912

Ion Ratio Lower Upper

169 100

168 70.1 53.2 79.8

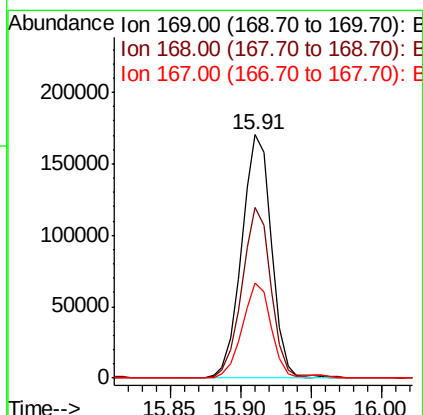
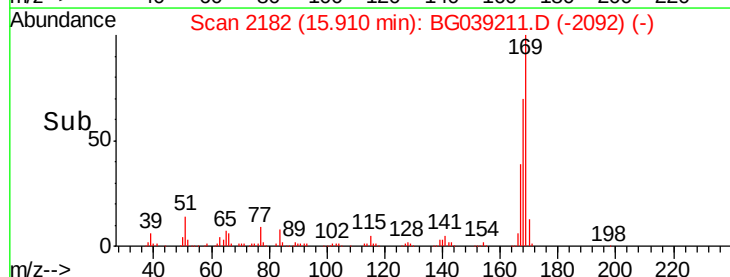
167 38.9 29.1 43.7

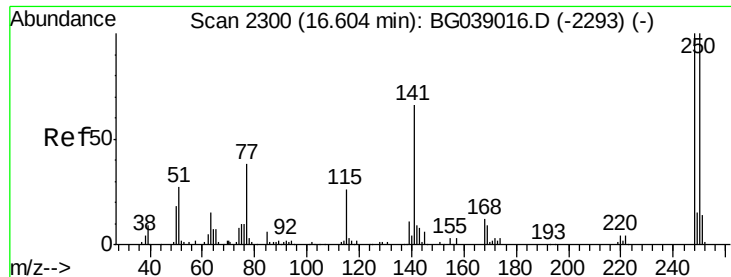


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

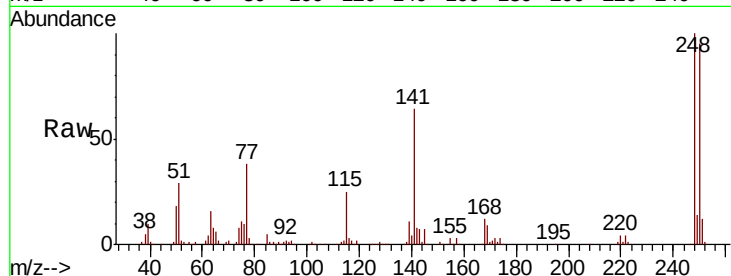




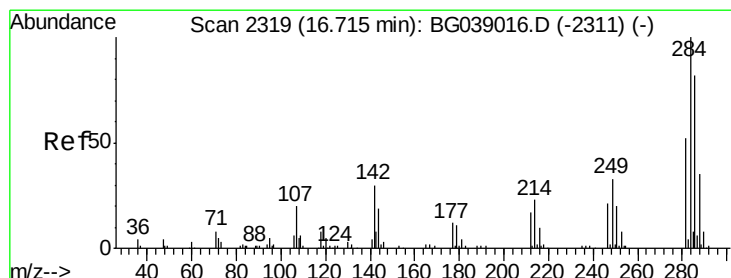
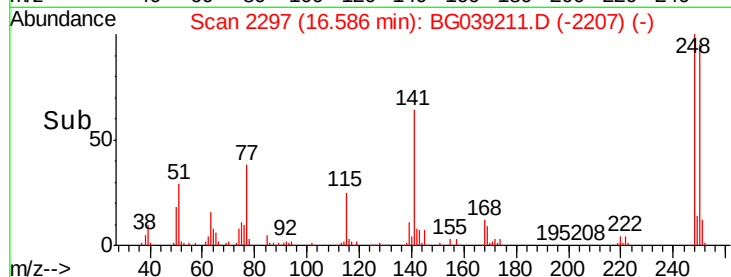
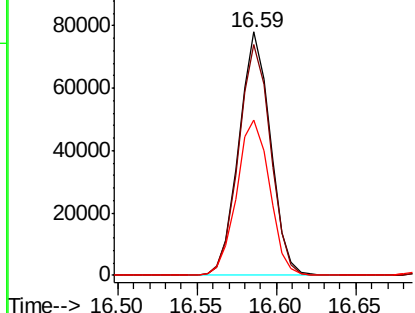
#67
 4-Bromophenyl-phenylether
 Concen: 40.639 ng
 RT: 16.59 min Scan# 2297
 Delta R.T. -0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 107630
 Ion Ratio Lower Upper
 248 100
 250 94.6 79.9 119.9
 141 63.9 52.7 79.1

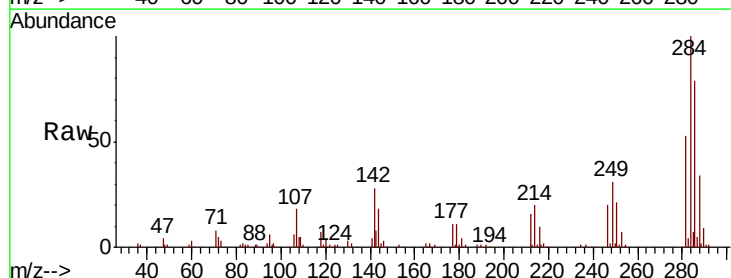


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

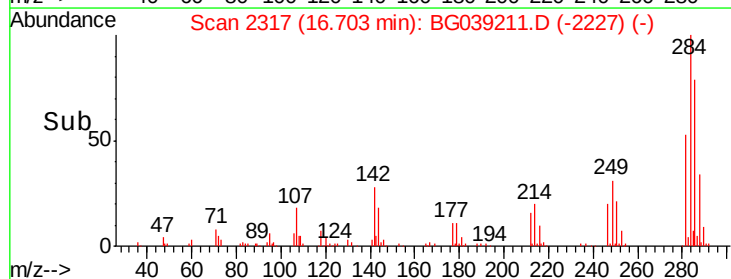
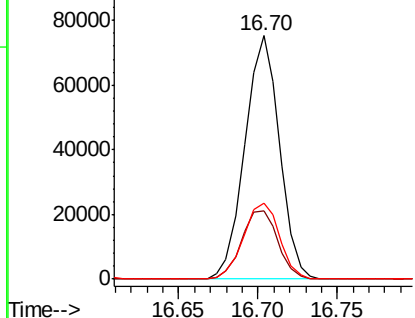


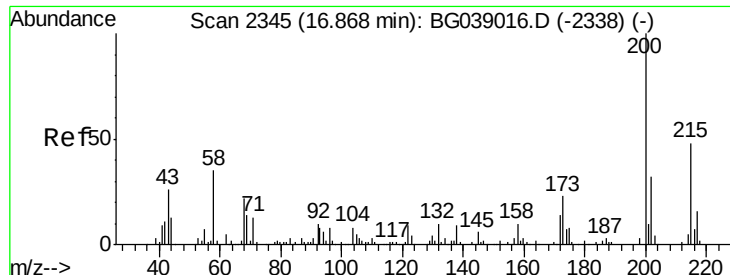
#68
 Hexachlorobenzene
 Concen: 39.421 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

Tgt Ion:284 Resp: 113926
 Ion Ratio Lower Upper
 284 100
 142 28.2 24.3 36.5
 249 33.3 27.8 41.8



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: 38.191 ng

RT: 16.86 min Scan# 2343

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

ClientSampleId :

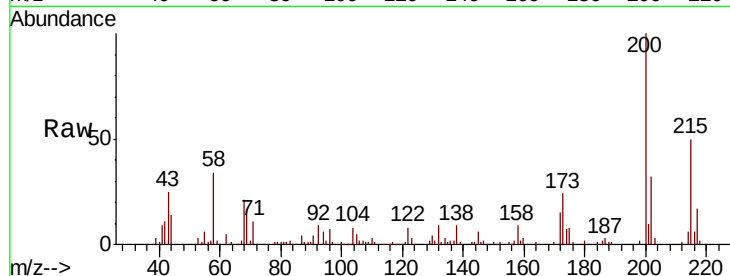
Tot Ion:200 Resp: 99093

Ion Ratio Lower Upper

200 100

173 23.8 2.6 42.6

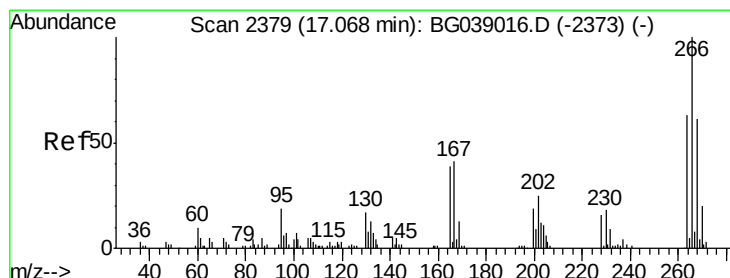
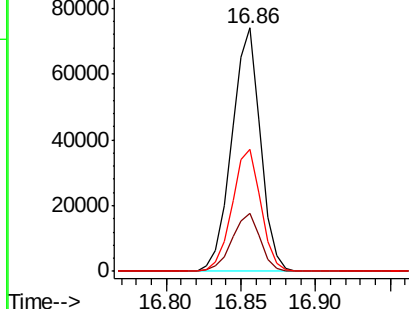
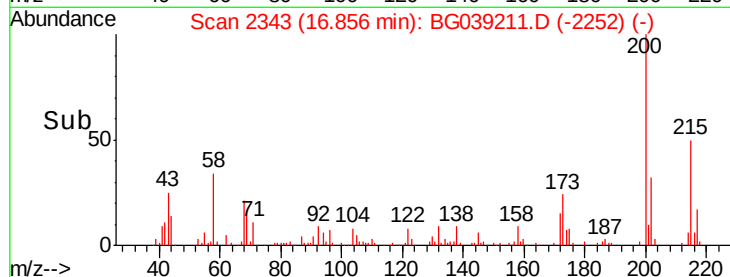
215 50.3 28.0 68.0



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: 32.141 ng

RT: 17.06 min Scan# 2377

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

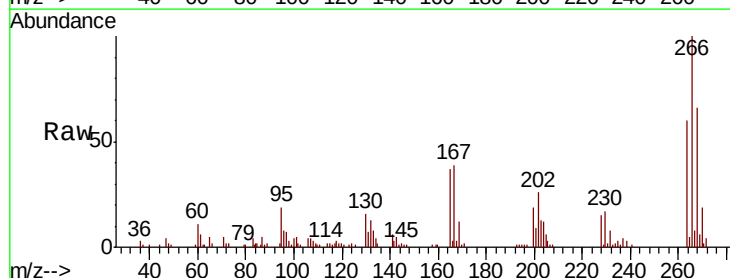
Tgt Ion:266 Resp: 50711

Ion Ratio Lower Upper

266 100

268 71.8 52.0 78.0

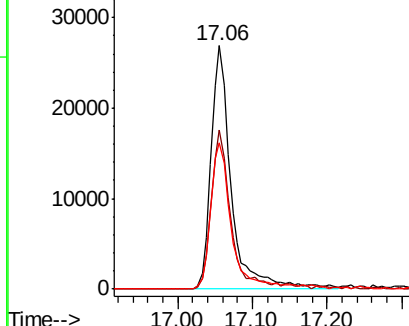
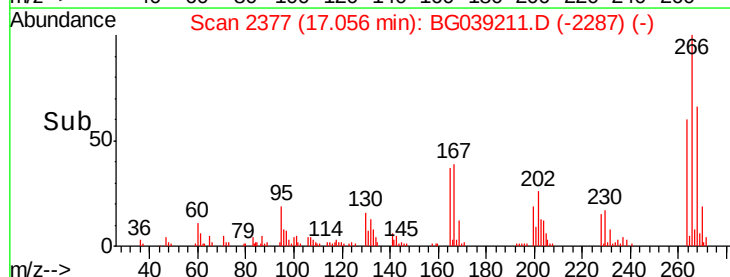
264 65.2 54.6 81.8

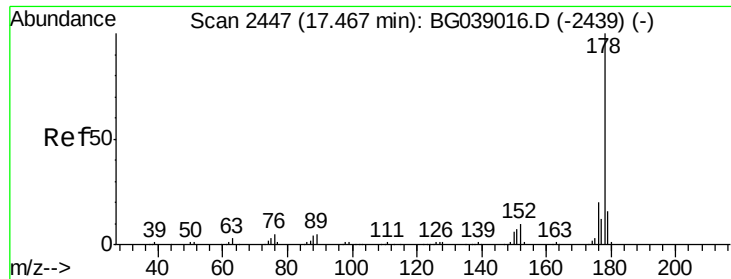


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

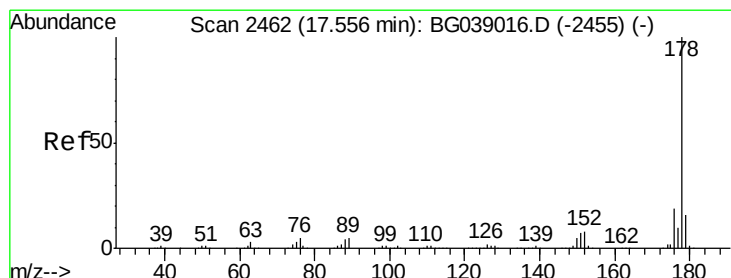
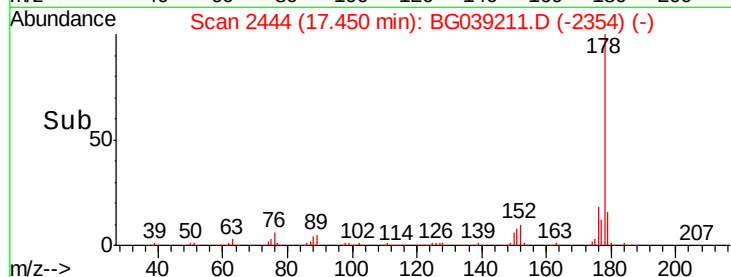
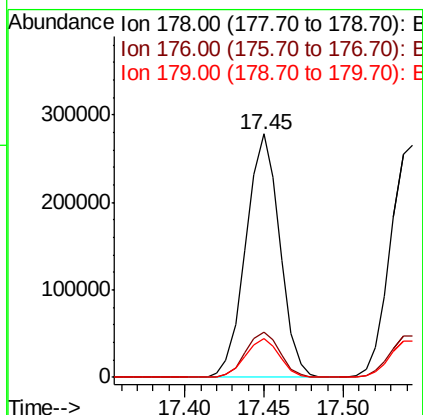
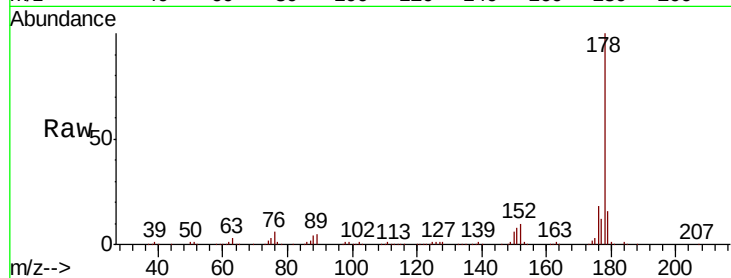




#71
 Phenanthrene
 Concen: 37.988 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. -0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

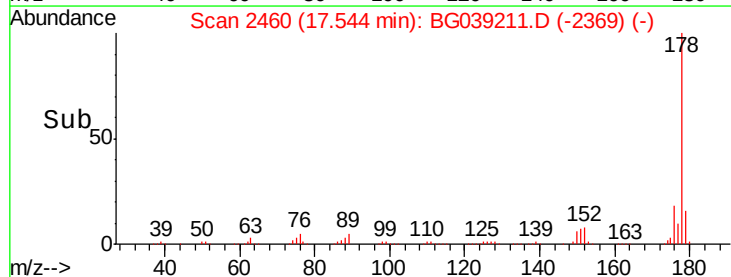
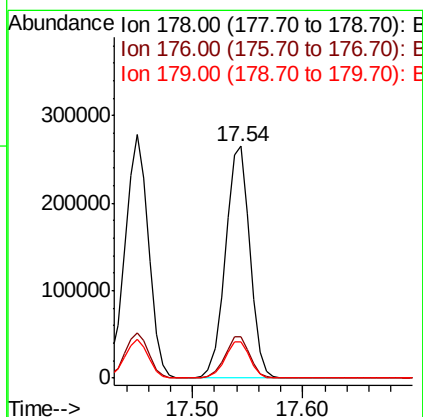
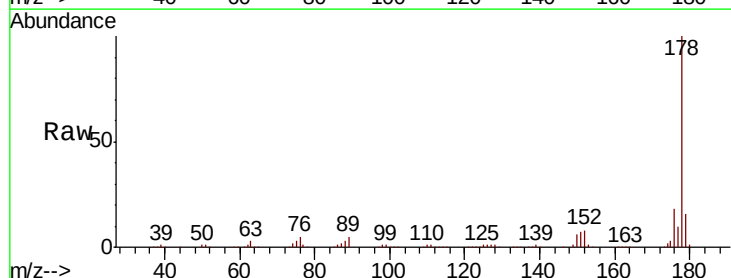
Instrument :
 BNA_G
 ClientSampleId :

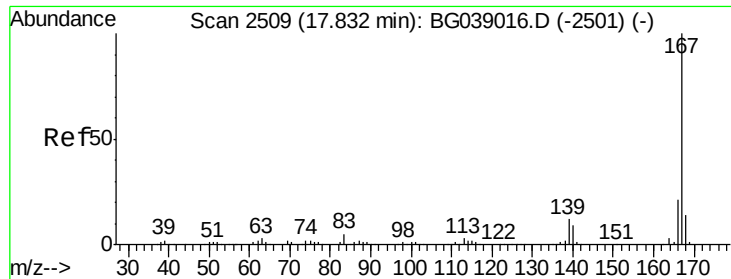
Tot Ion:178 Resp: 413698
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.7 23.5
 179 16.0 12.9 19.3



#72
 Anthracene
 Concen: 37.985 ng
 RT: 17.54 min Scan# 2460
 Delta R.T. 0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

Tgt Ion:178 Resp: 409000
 Ion Ratio Lower Upper
 178 100
 176 17.9 14.9 22.3
 179 15.9 13.0 19.4

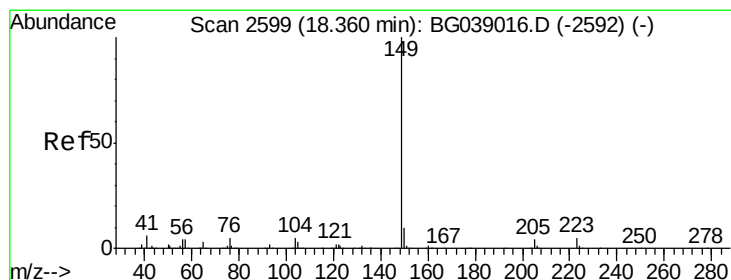
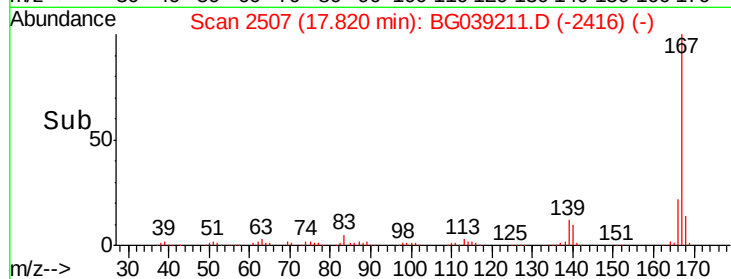
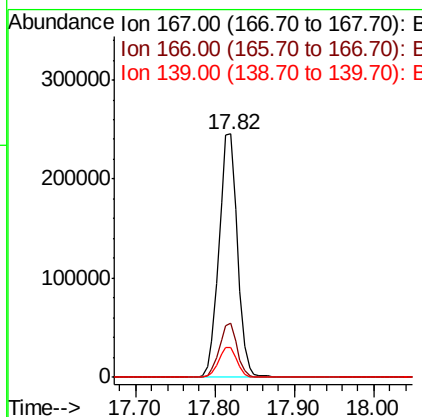
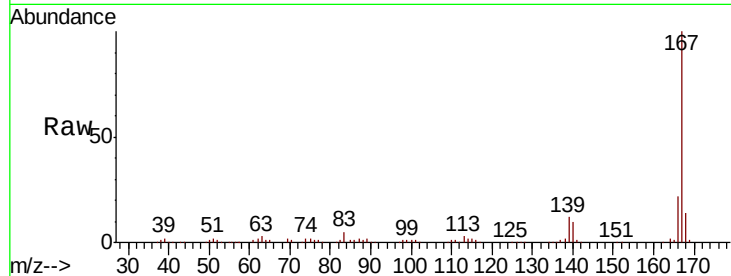




#73
 Carbazole
 Concen: 37.239 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

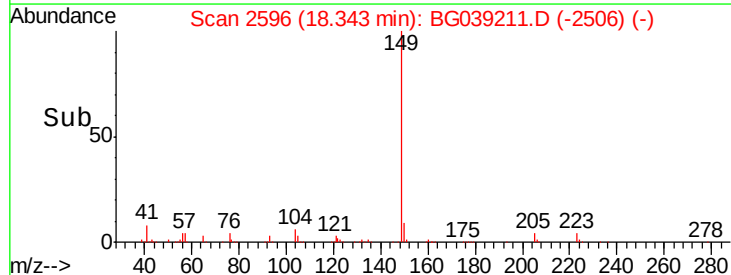
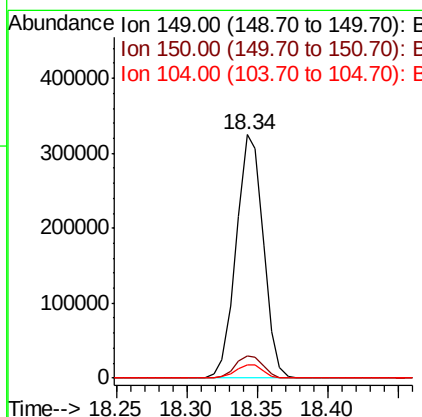
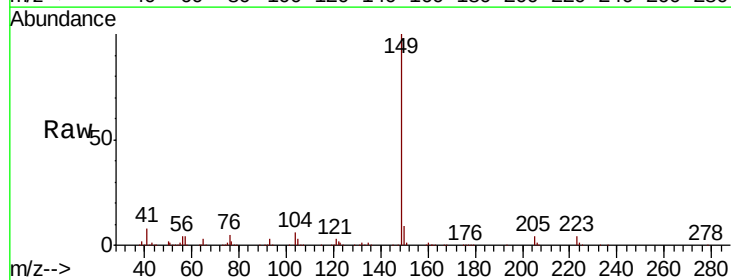
Instrument :
 BNA_G
 ClientSampleId :

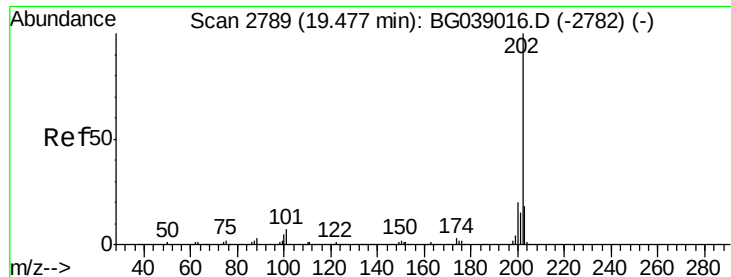
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	16.9	25.3
139	12.3	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 36.716 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	5.7	4.2	6.2





#75

Fluoranthene

Concen: 37.498 ng

RT: 19.46 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

ClientSampleId :

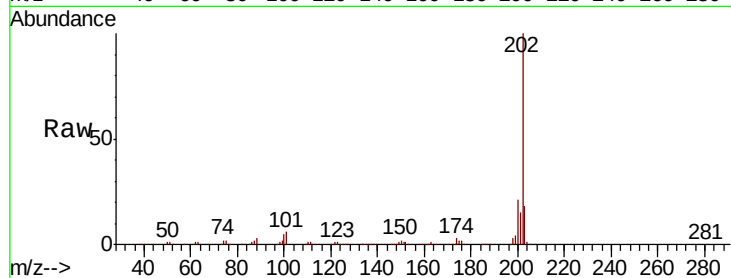
Tot Ion:202 Resp: 506237

Ion Ratio Lower Upper

202 100

101 6.5 0.0 26.9

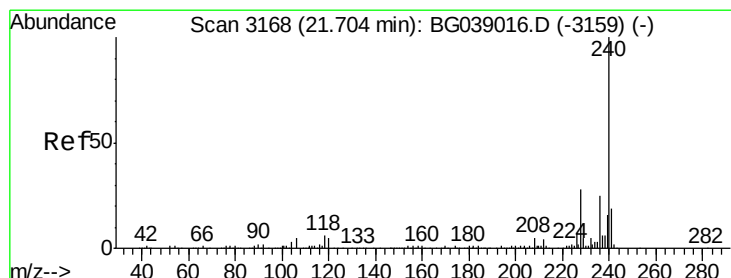
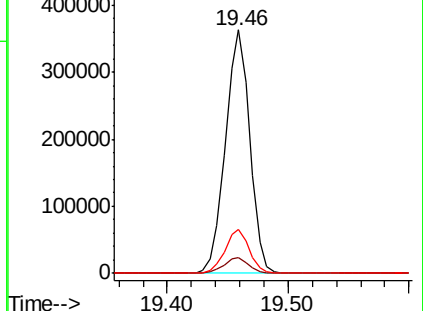
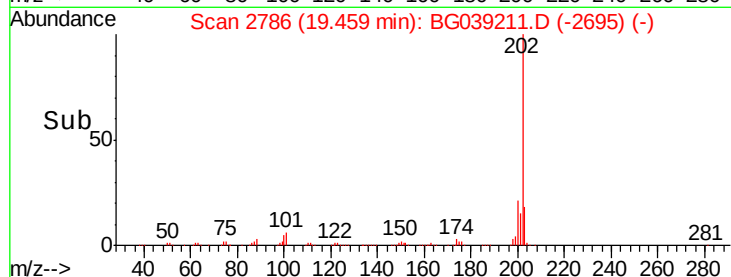
203 17.9 0.0 38.1



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: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

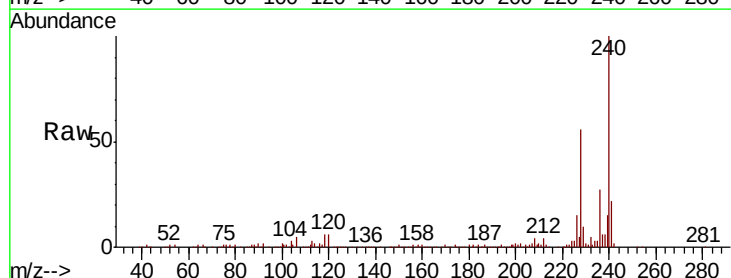
Tgt Ion:240 Resp: 213232

Ion Ratio Lower Upper

240 100

120 6.3 4.3 6.5

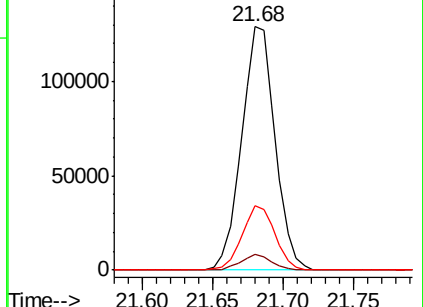
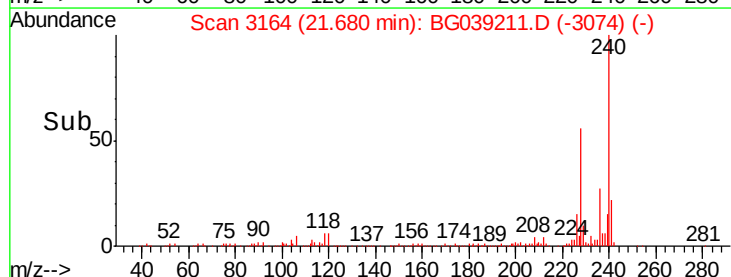
236 26.5 20.1 30.1

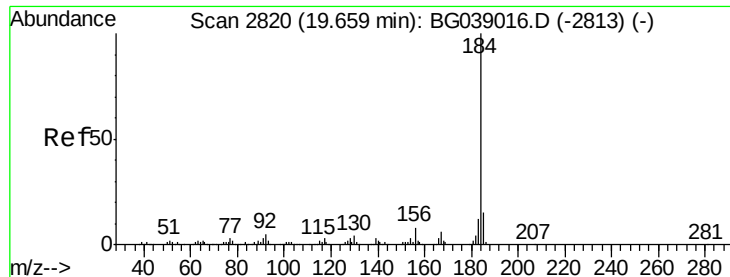


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.616 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

ClientSampleId :

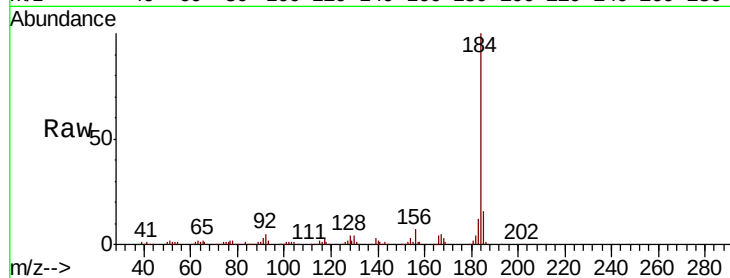
Tot Ion:184 Resp: 193151

Ion Ratio Lower Upper

184 100

185 15.6 12.1 18.1

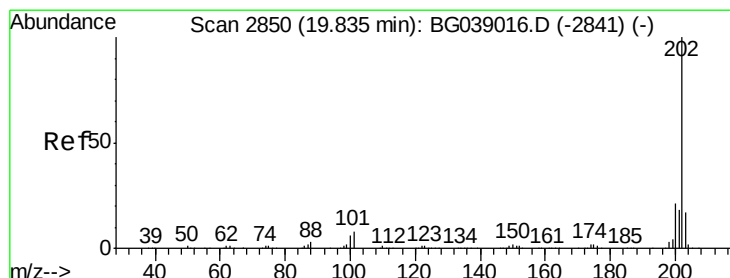
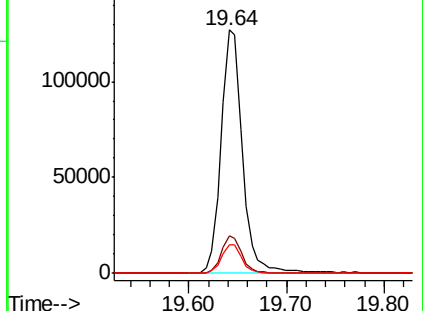
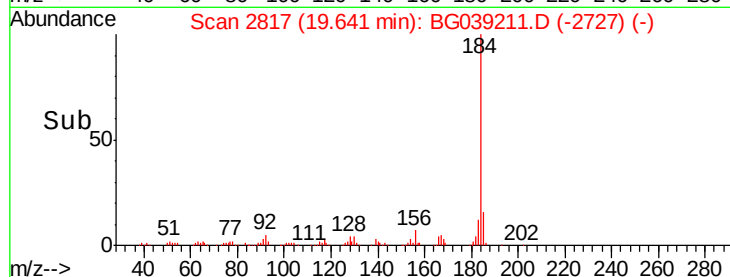
183 11.7 9.5 14.3



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: 37.670 ng

RT: 19.82 min Scan# 2848

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

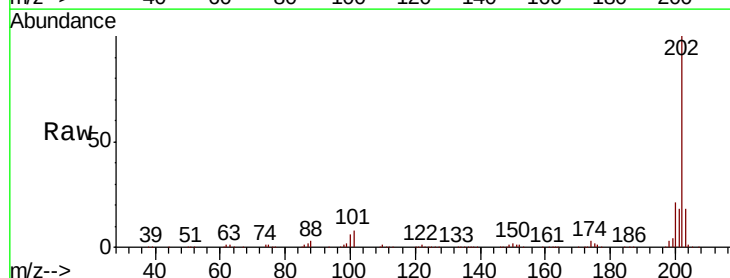
Tgt Ion:202 Resp: 511896

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.6

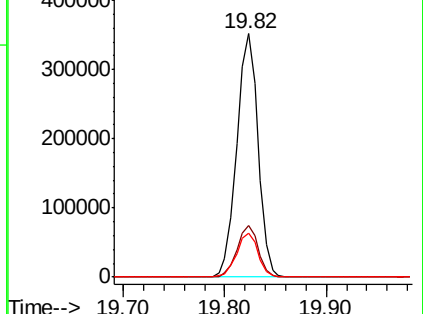
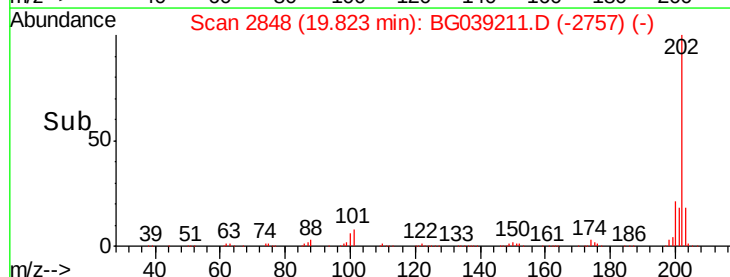
203 18.2 14.0 21.0

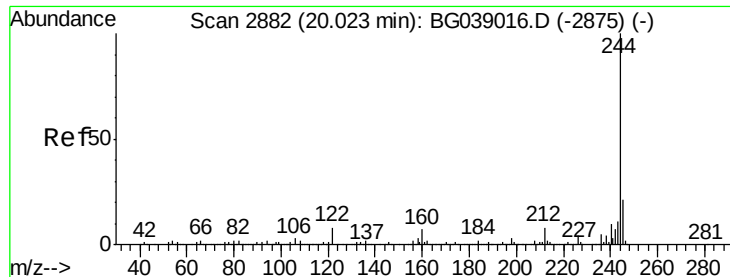


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.762 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

ClientSampleId :

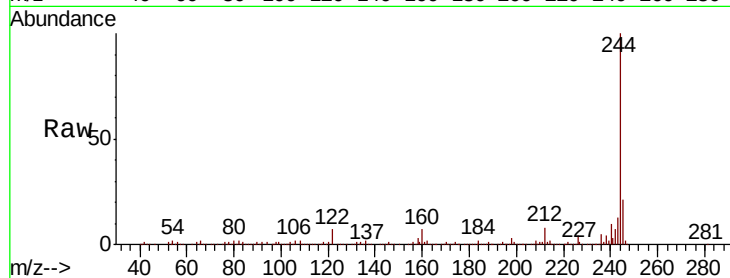
Tot Ion:244 Resp: 850233

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

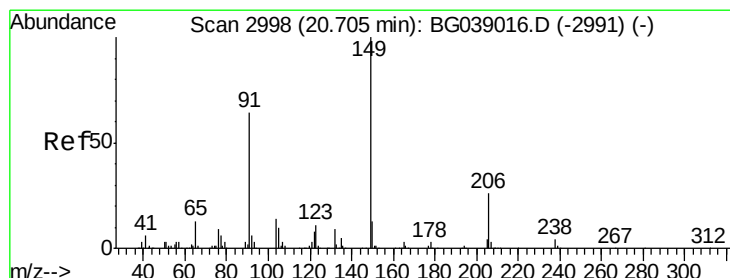
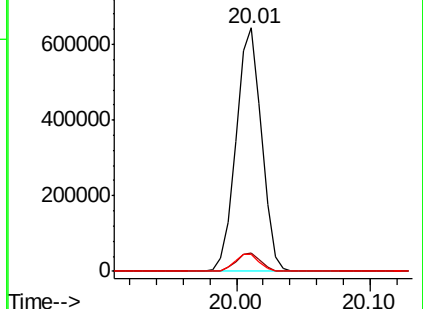
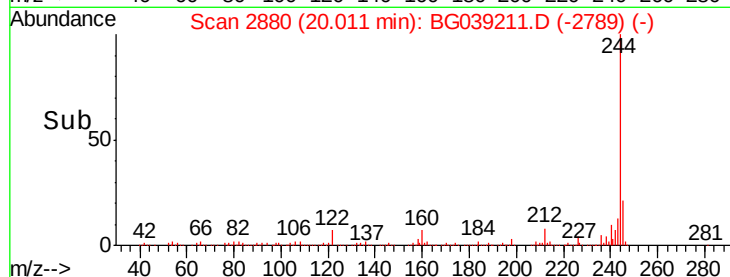
122 6.9 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.773 ng

RT: 20.69 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

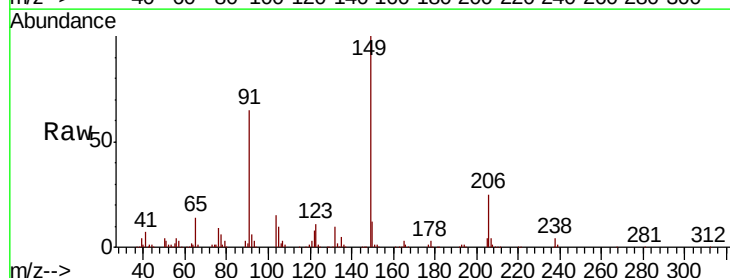
Tgt Ion:149 Resp: 195227

Ion Ratio Lower Upper

149 100

91 64.7 51.4 77.0

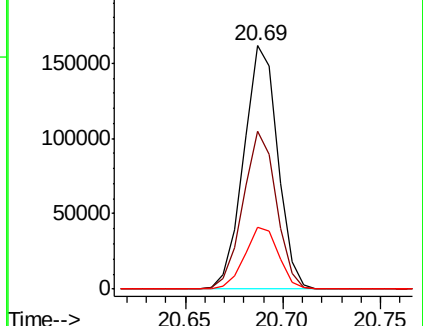
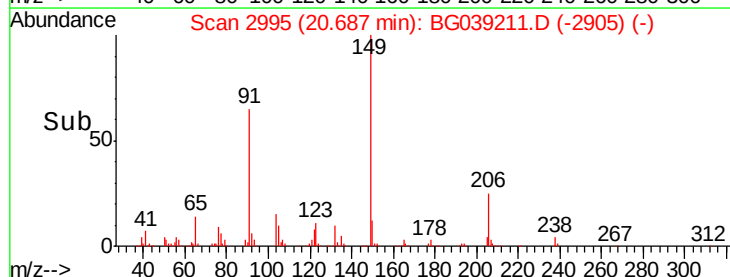
206 25.4 20.4 30.6

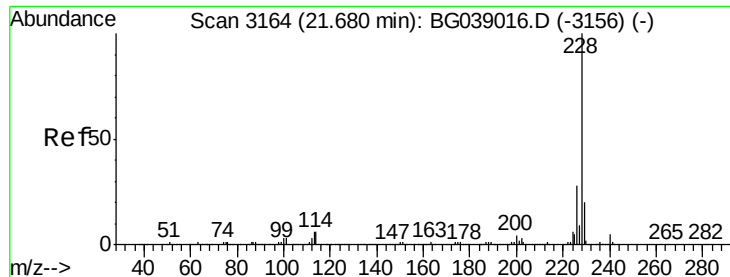


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.144 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

ClientSampleId :

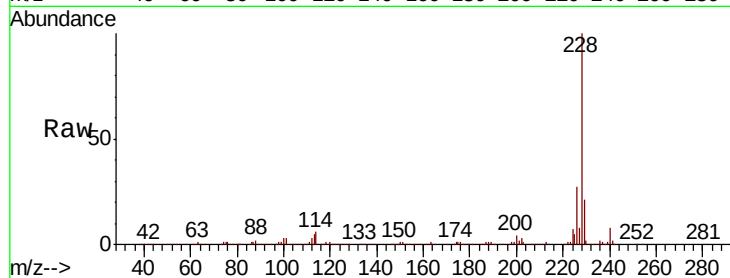
Tot Ion:228 Resp: 495126

Ion Ratio Lower Upper

228 100

226 27.3 22.4 33.6

229 21.1 16.2 24.2

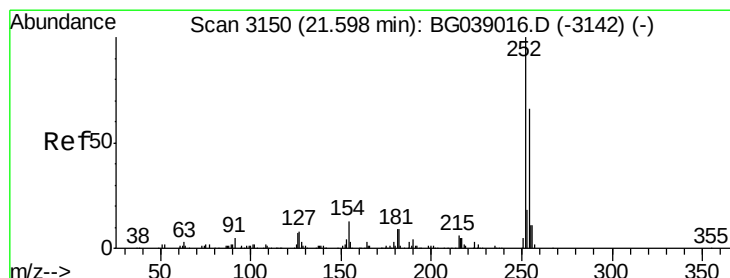
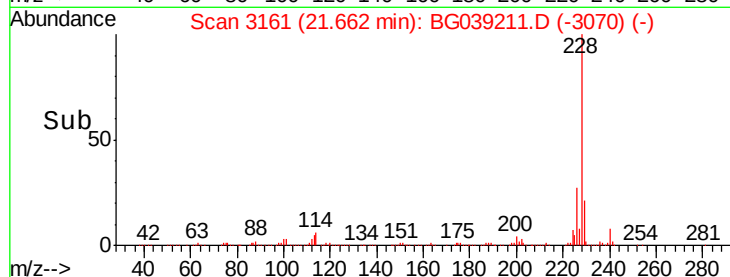
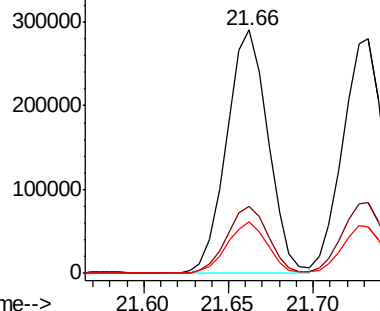


Abundance

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: 37.982 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

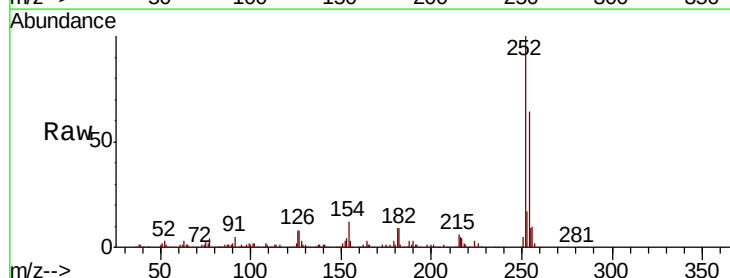
Tgt Ion:252 Resp: 200883

Ion Ratio Lower Upper

252 100

254 63.9 53.0 79.6

126 7.7 6.0 9.0

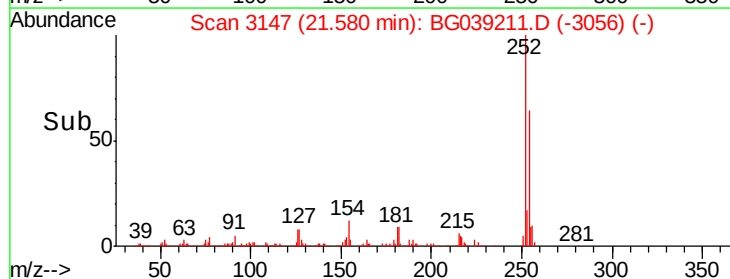
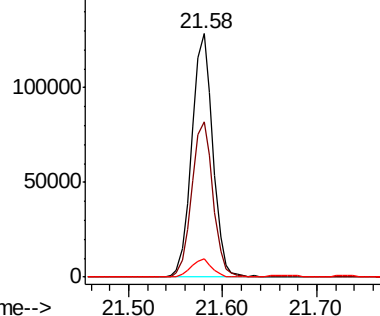


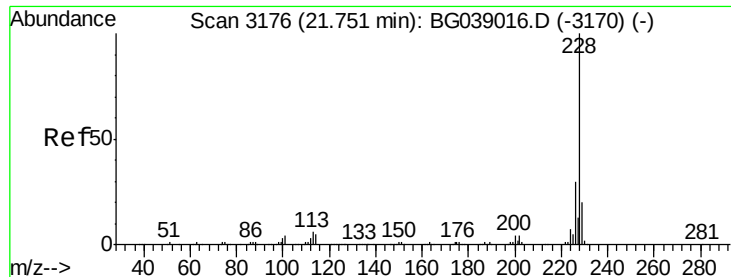
Abundance

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

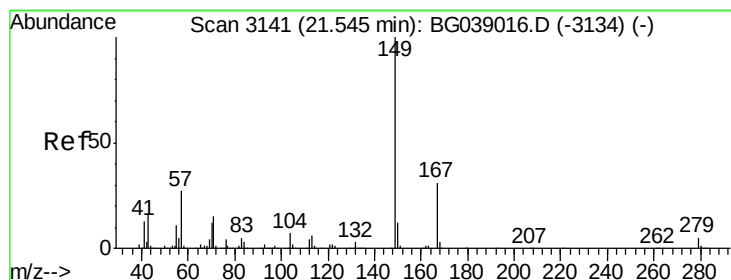
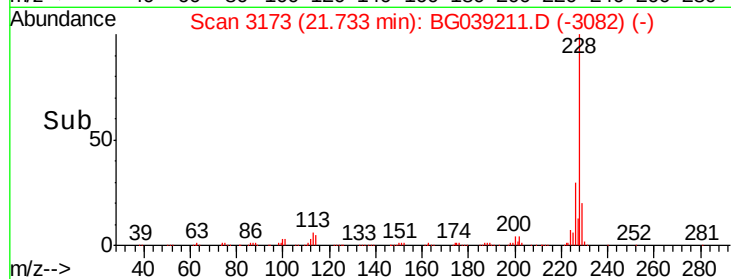
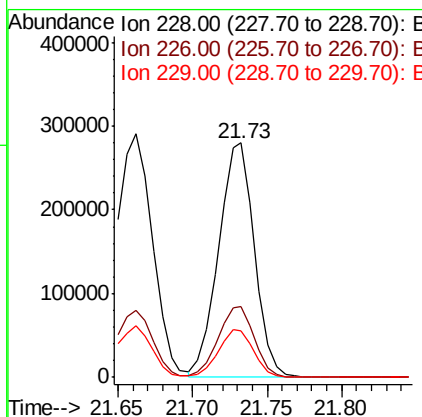
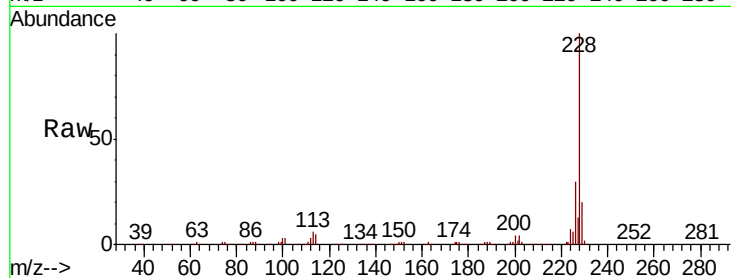




#83
 Chrvsene
 Concen: 37.893 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

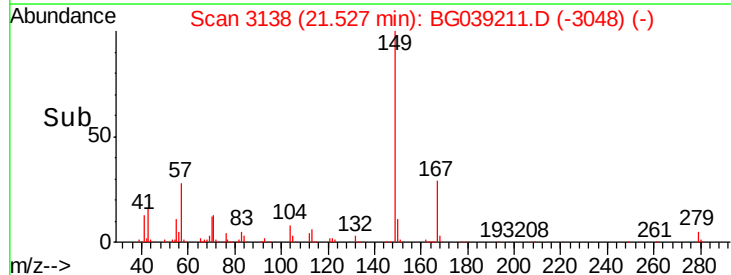
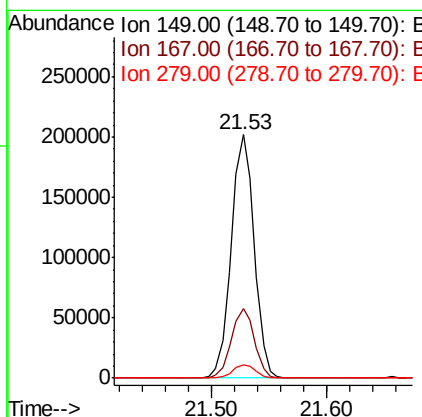
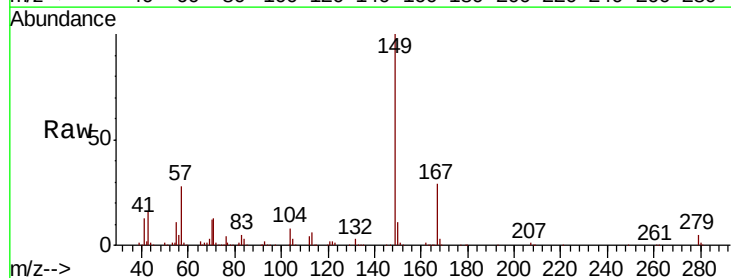
Instrument :
 BNA_G
 ClientSampleId :

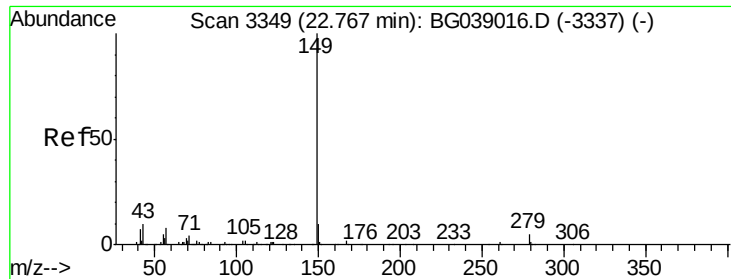
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	19.9	16.0	24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.610 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. -0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	25.0	37.4
279	5.4	4.3	6.5

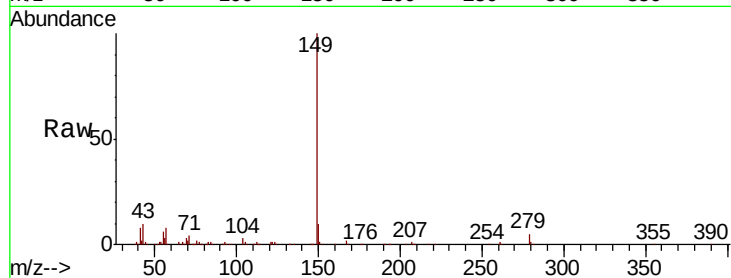




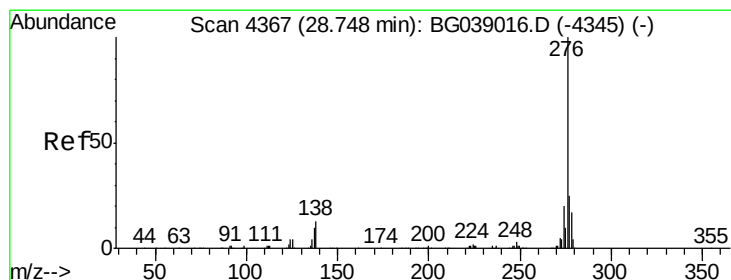
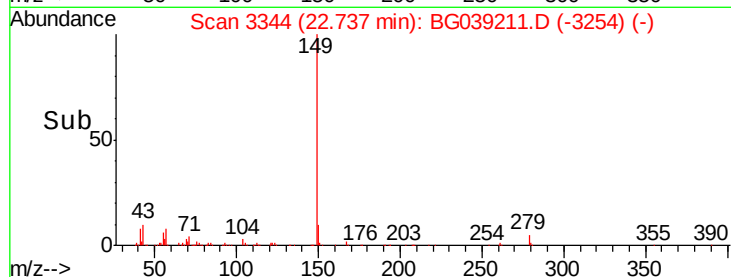
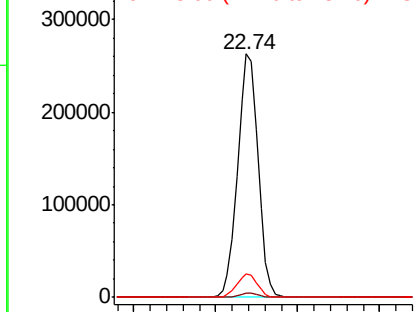
#85
Di-n-octyl phthalate
Concen: 37.630 ng
RT: 22.74 min Scan# 3344
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	9.6	7.5	11.3

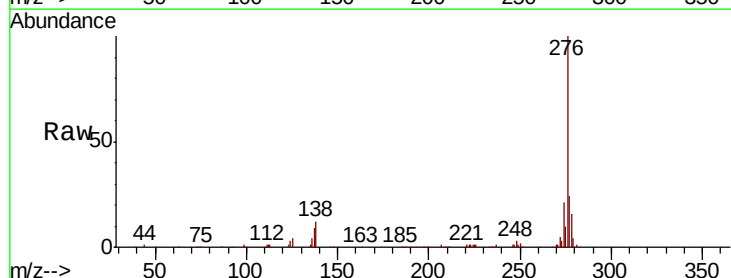


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

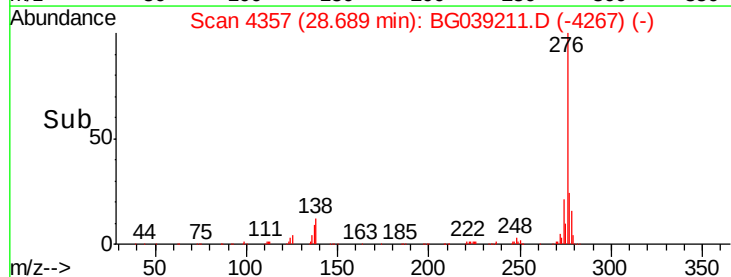
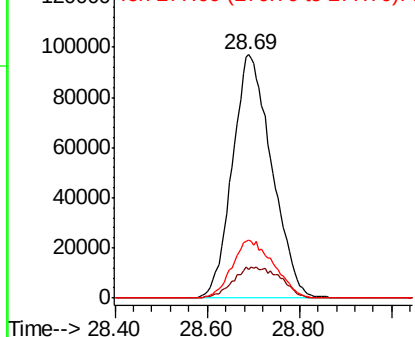


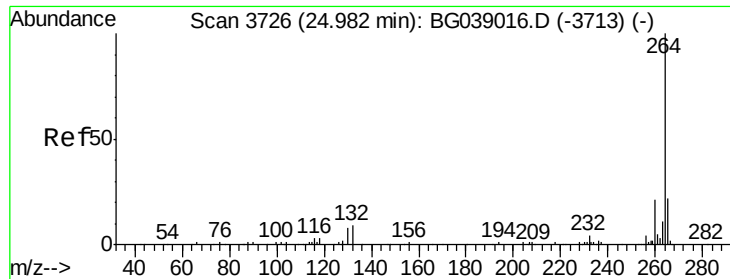
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.980 ng
RT: 28.69 min Scan# 4357
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.1	8.0	12.0#
277	25.2	20.3	30.5



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: 24.95 min Scan# 3720

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

ClientSampled :

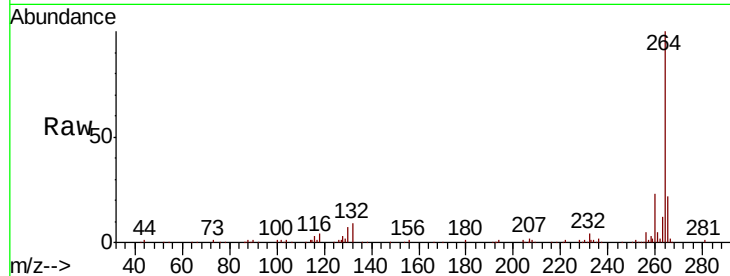
Tot Ion:264 Resp: 232906

Ion Ratio Lower Upper

264 100

260 22.7 17.0 25.6

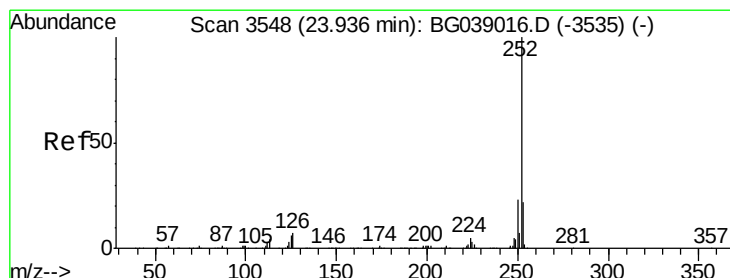
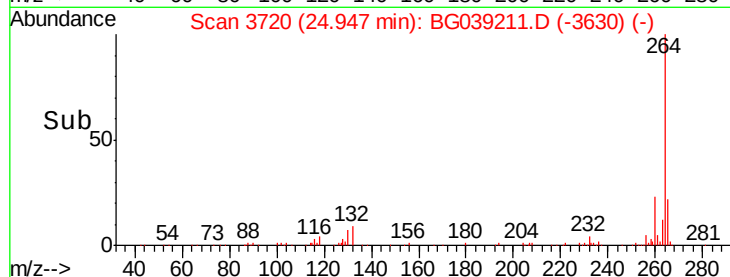
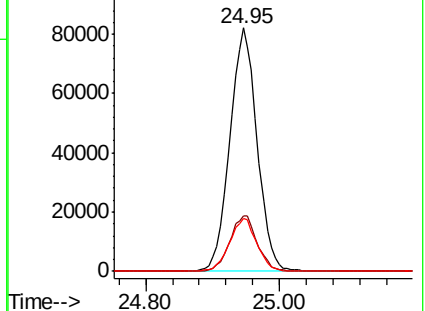
265 21.9 17.2 25.8



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: 38.989 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

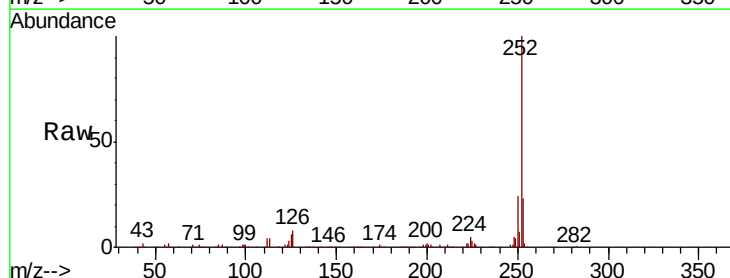
Tgt Ion:252 Resp: 500714

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

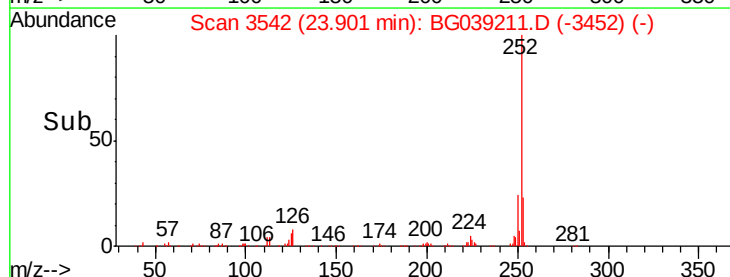
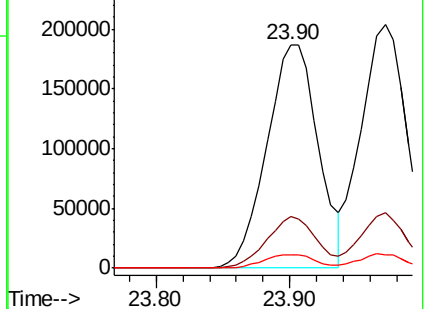
125 6.2 4.9 7.3

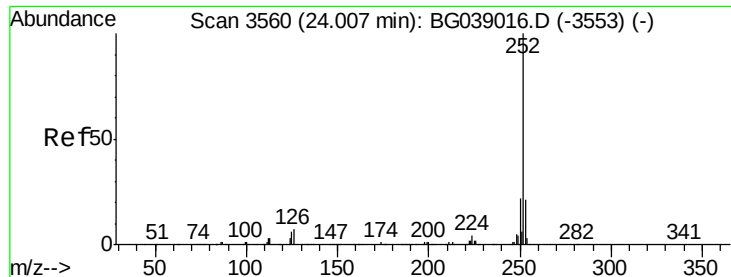


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

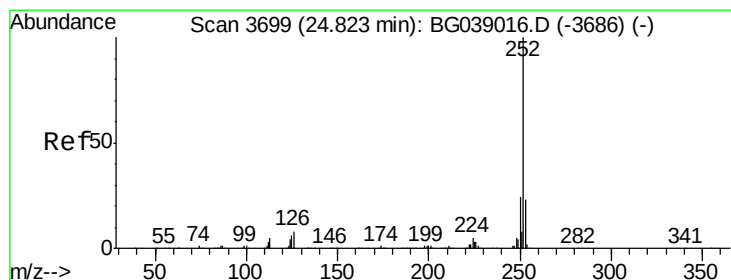
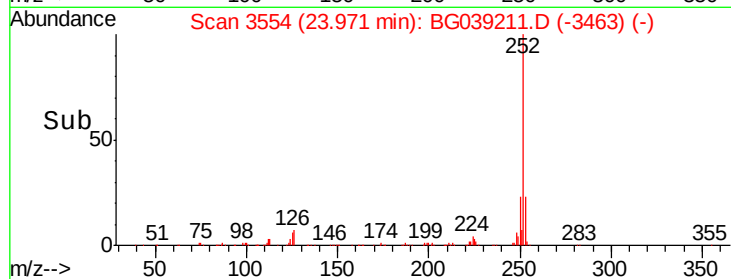
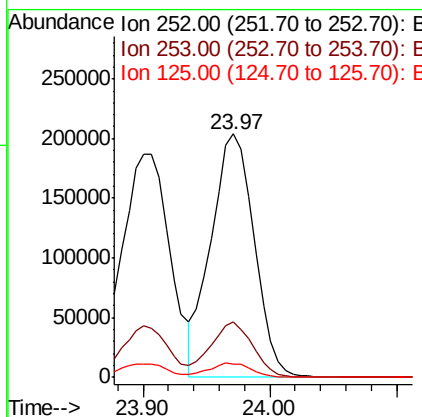
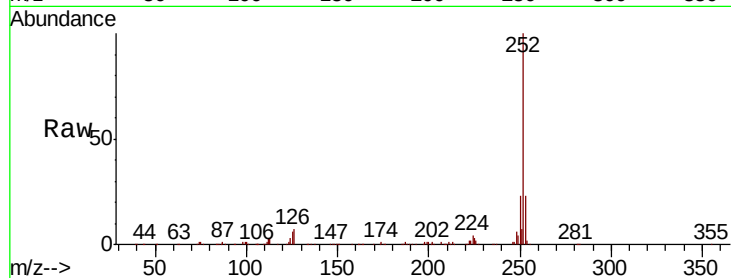




#89
Benzo(k)fluoranthene
Concen: 37.999 ng
RT: 23.97 min Scan# 3554
Delta R.T. 0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

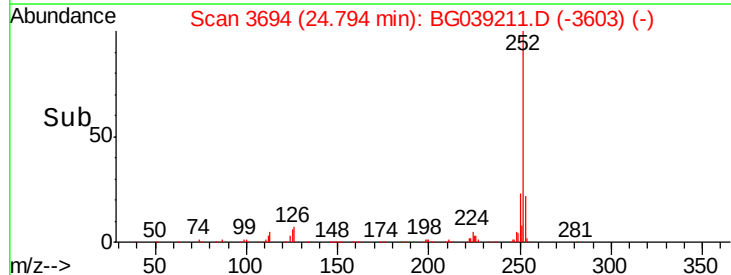
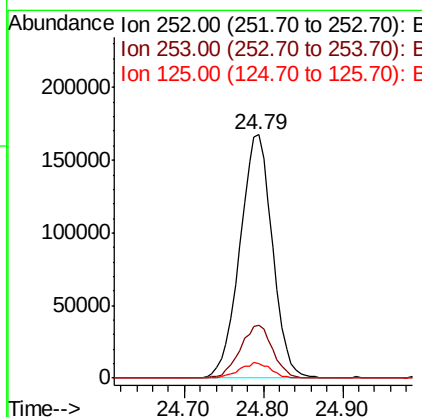
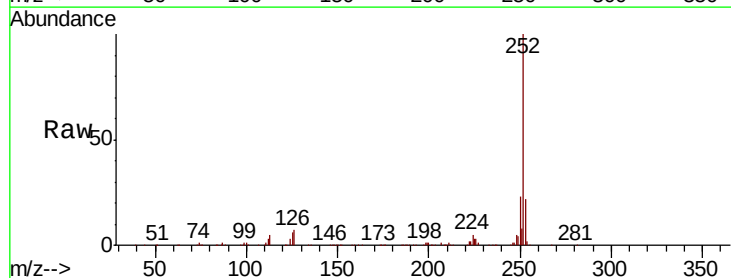
Instrument :
BNA_G
ClientSampled :

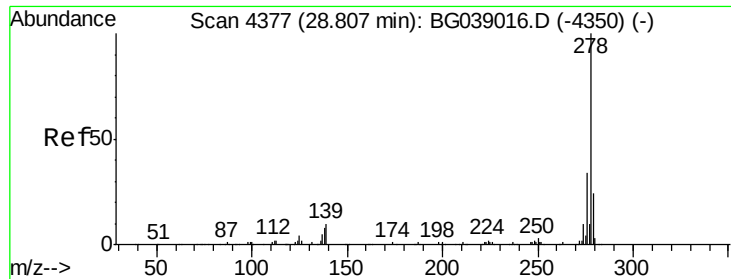
Tot Ion:252 Resp: 482494
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 5.7 4.6 7.0



#90
Benzo(a)pyrene
Concen: 38.470 ng
RT: 24.79 min Scan# 3694
Delta R.T. 0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion:252 Resp: 477532
Ion Ratio Lower Upper
252 100
253 21.6 18.3 27.5
125 6.0 4.9 7.3





#91

Dibenzo(a,h)anthracene

Concen: 38.677 ng

RT: 28.75 min Scan# 4367

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

ClientSampled :

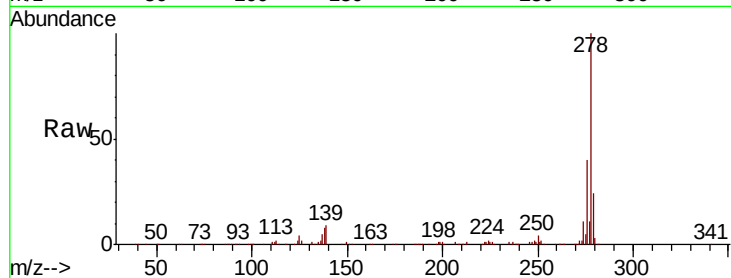
Tot Ion:278 Resp: 477550

Ion Ratio Lower Upper

278 100

139 9.0 7.9 11.9

279 24.0 19.3 28.9

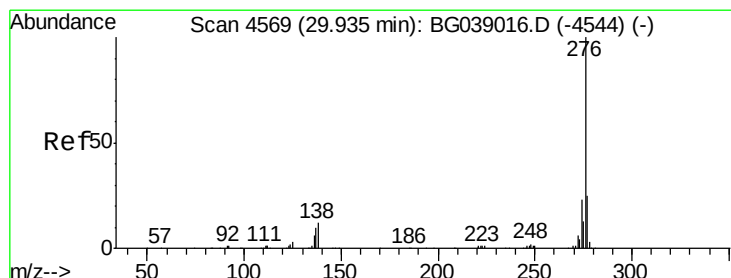
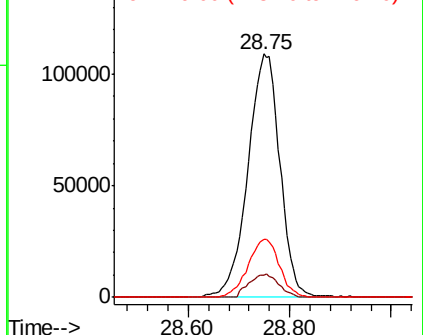
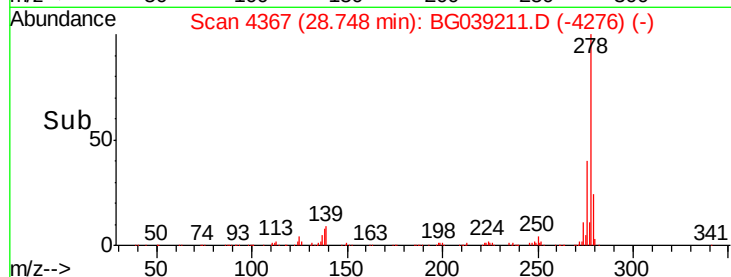


Abundance

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: 38.576 ng

RT: 29.87 min Scan# 4558

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

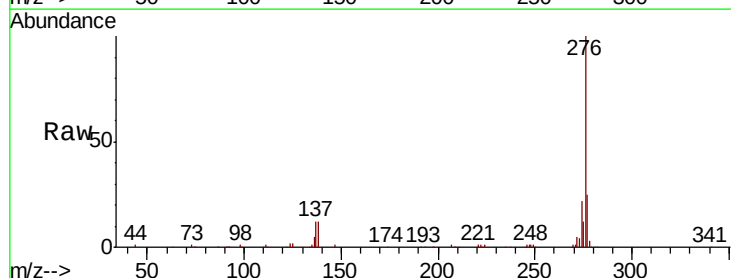
Tgt Ion:276 Resp: 471526

Ion Ratio Lower Upper

276 100

277 24.6 20.3 30.5

138 12.3 9.4 14.2



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

