

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039022.D
 Acq On : 9 Jan 2019 15:54
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 04:18:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	24207	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	100959	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	74436	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	196551	20.00	ng	0.00
76) Chrysene-d12	21.70	240	194332	20.00	ng	0.00
87) Perylene-d12	24.98	264	210537	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	99757	78.17	ng	0.00
7) Phenol-d6	7.19	99	145200	79.07	ng	0.00
23) Nitrobenzene-d5	9.21	82	143343	77.69	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	96582	77.40	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	409615	75.31	ng	0.00
79) Terphenyl-d14	20.02	244	774349	73.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	18782	37.585	ng	97
3) Pyridine	3.87	79	53898	39.694	ng	97
4) n-Nitrosodimethylamine	3.79	42	24257	39.699	ng	98
6) Aniline	7.36	93	87717	39.772	ng	100
8) 2-Chlorophenol	7.59	128	58578	38.942	ng	97
9) Benzaldehyde	7.17	77	38162	36.033	ng	96
10) Phenol	7.22	94	72966	39.630	ng	96
11) bis(2-Chloroethyl)ether	7.45	93	54955	39.053	ng	97
12) 1,3-Dichlorobenzene	7.91	146	68569	38.046	ng	99
13) 1,4-Dichlorobenzene	8.07	146	67825	37.159	ng	96
14) 1,2-Dichlorobenzene	8.38	146	66643	38.293	ng	97
15) Benzyl Alcohol	8.27	79	56816	41.082	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.55	45	105406	39.064	ng	97
17) 2-Methylphenol	8.47	107	50014	39.120	ng	97
18) Hexachloroethane	9.11	117	23452	37.819	ng	99
19) n-Nitroso-di-n-propylamine	8.84	70	47369	39.279	ng	97
20) 3+4-Methylphenols	8.80	107	72566	39.811	ng	97
22) Acetophenone	8.86	105	103591	39.290	ng	# 99
24) Nitrobenzene	9.25	77	70744	37.934	ng	97
25) Isophorone	9.77	82	124473	39.165	ng	99
26) 2-Nitrophenol	9.96	139	40591	40.240	ng	97
27) 2,4-Dimethylphenol	10.01	122	56439	39.770	ng	96
28) bis(2-Chloroethoxy)methane	10.25	93	74415	38.959	ng	96
29) 2,4-Dichlorophenol	10.49	162	70586	40.037	ng	94
30) 1,2,4-Trichlorobenzene	10.71	180	79513	37.536	ng	98
31) Naphthalene	10.90	128	190572	37.636	ng	98
32) Benzoic acid	10.16	122	28669	35.829	ng	99
33) 4-Chloroaniline	11.02	127	90085	39.760	ng	99
34) Hexachlorobutadiene	11.16	225	55619	38.158	ng	97
35) Caprolactam	11.80	113	27978	39.574	ng	89
36) 4-Chloro-3-methylphenol	12.13	107	75906	40.254	ng	93
37) 2-Methylnaphthalene	12.50	142	145121	38.227	ng	98
38) 1-Methylnaphthalene	12.72	142	142581	39.129	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	107022	38.284	ng	99

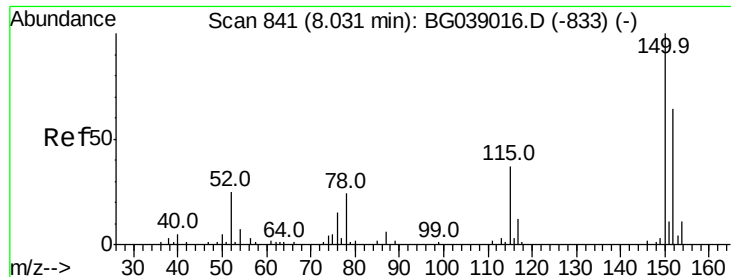
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039022.D
 Acq On : 9 Jan 2019 15:54
 Operator : JU/SJ
 Sample : SSTDC0040
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Quant Time: Jan 10 04:18:44 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	51275	35.967	ng	97
43) 2,4,6-Trichlorophenol	13.11	196	69590	39.553	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	72404	38.936	ng	96
46) 1,1'-Biphenyl	13.50	154	224512	38.065	ng	97
47) 2-Chloronaphthalene	13.55	162	180560	37.830	ng	98
48) 2-Nitroaniline	13.77	65	52780	39.472	ng	94
49) Acenaphthylene	14.40	152	274530	38.267	ng	99
50) Dimethylphthalate	14.12	163	241205	38.346	ng	99
51) 2,6-Dinitrotoluene	14.26	165	55721	39.622	ng	94
52) Acenaphthene	14.74	154	163408	37.911	ng	94
53) 3-Nitroaniline	14.59	138	55549	38.937	ng	# 97
54) 2,4-Dinitrophenol	14.80	184	30205	38.892	ng	89
55) Dibenzofuran	15.07	168	290278	38.131	ng	100
56) 4-Nitrophenol	14.90	139	41962	40.879	ng	93
57) 2,4-Dinitrotoluene	15.04	165	77976	38.648	ng	94
58) Fluorene	15.72	166	217985	38.042	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.29	232	71341	40.642	ng	97
60) Diethylphthalate	15.48	149	244045	37.656	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	138118	38.260	ng	98
62) 4-Nitroaniline	15.76	138	58703	39.499	ng	97
63) Azobenzene	16.00	77	191203	37.726	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	55517	38.126	ng	97
66) n-Nitrosodiphenylamine	15.93	169	217227	37.281	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	95008	37.603	ng	99
68) Hexachlorobenzene	16.72	284	99866	36.223	ng	98
69) Atrazine	16.87	200	92008	37.170	ng	97
70) Pentachlorophenol	17.07	266	57060	36.869	ng	97
71) Phenanthrene	17.47	178	384855	37.044	ng	98
72) Anthracene	17.56	178	380334	37.026	ng	99
73) Carbazole	17.83	167	368417	36.332	ng	98
74) Di-n-butylphthalate	18.36	149	413889	36.690	ng	98
75) Fluoranthene	19.47	202	463879	36.018	ng	99
77) Benzidine	19.66	184	234334	39.424	ng	96
78) Pyrene	19.84	202	471147	38.043	ng	98
80) Butylbenzylphthalate	20.71	149	180212	38.259	ng	99
81) Benzo(a)anthracene	21.68	228	449046	37.958	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	186270	38.645	ng	99
83) Chrysene	21.75	228	423376	37.629	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	254190	38.865	ng	98
85) Di-n-octyl phthalate	22.77	149	423437	38.289	ng	100
86) Indeno(1,2,3-cd)pyrene	28.74	276	514349	38.258	ng	# 96
88) Benzo(b)fluoranthene	23.93	252	448665	38.648	ng	99
89) Benzo(k)fluoranthene	24.00	252	438772	38.227	ng	98
90) Benzo(a)pyrene	24.82	252	430890	38.400	ng	99
91) Dibenzo(a,h)anthracene	28.81	278	430985	38.615	ng	99
92) Benzo(g,h,i)perylene	29.93	276	423881	38.362	ng	98

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

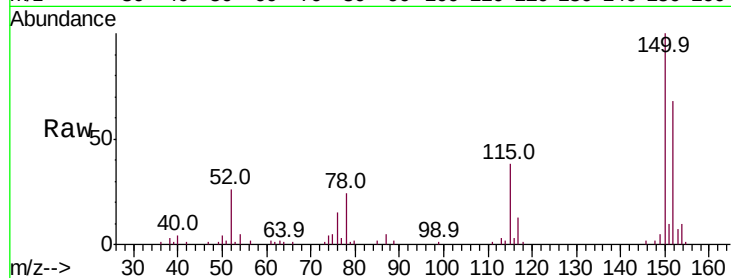


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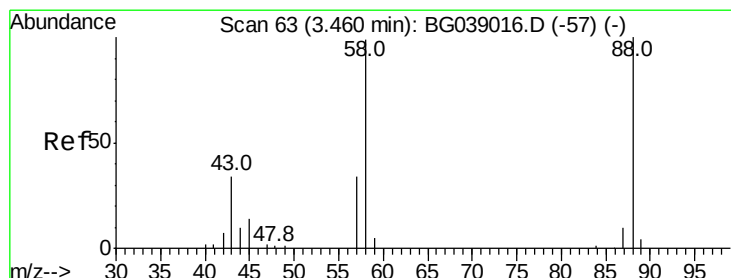
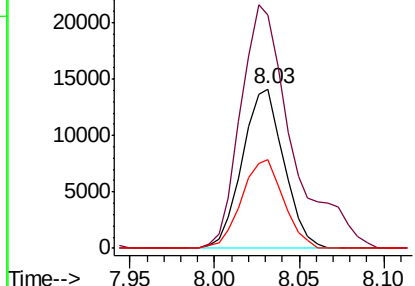
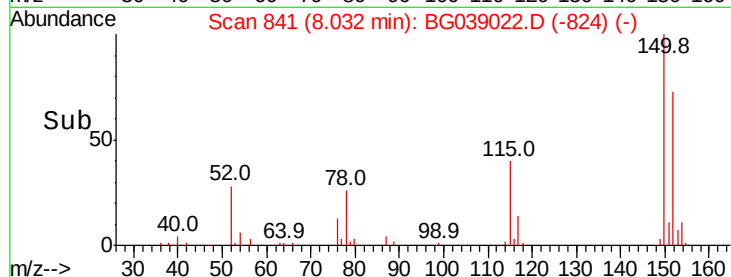
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BG039022.D
Acq: 9 Jan 2019 15:54

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 24207
Ion Ratio Lower Upper
152 100
150 146.3 124.7 187.1
115 55.4 46.5 69.7



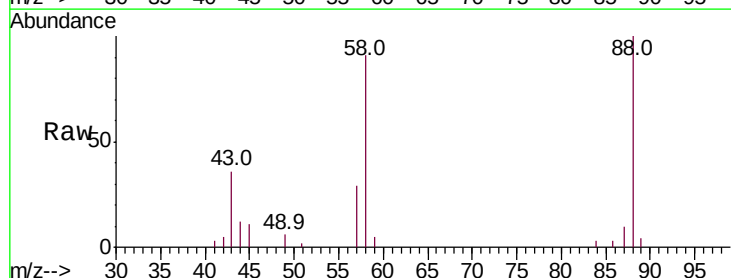
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



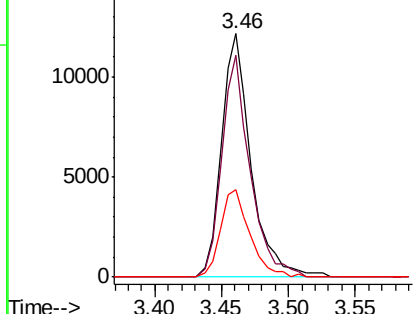
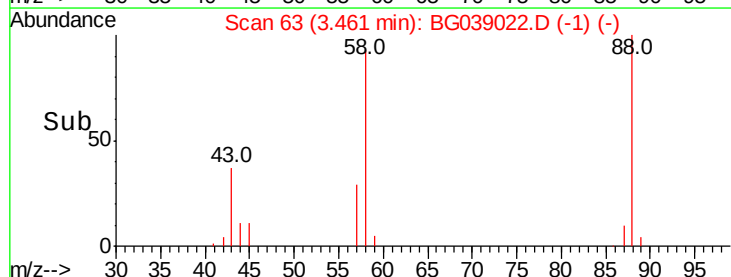
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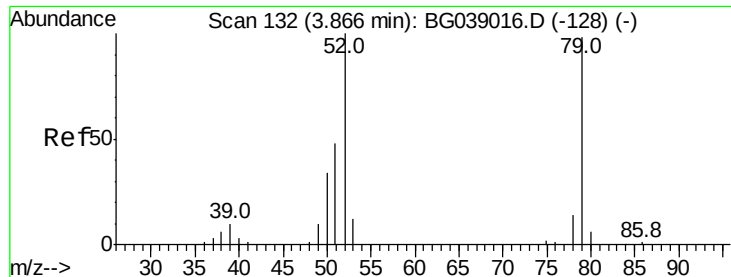
1,4-Dioxane
Concen: 37.585 ng
RT: 3.46 min Scan# 63
Delta R.T. 0.00 min
Lab File: BG039022.D
Acq: 9 Jan 2019 15:54

Tgt Ion: 88 Resp: 18782
Ion Ratio Lower Upper
88 100
58 87.9 72.4 108.6
43 35.9 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: 39.694 ng

RT: 3.87 min Scan# 132

Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

Instrument :

BNA_G

ClientSampleId :

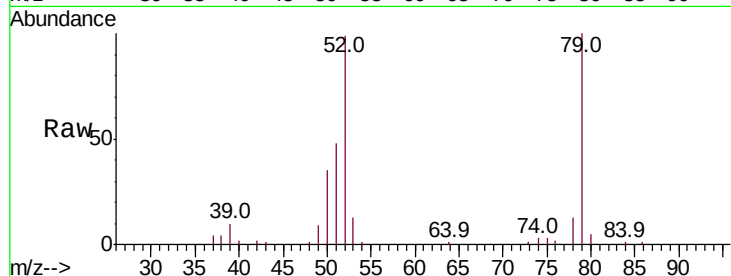
Tot Ion: 79 Resp: 53898

Ion Ratio Lower Upper

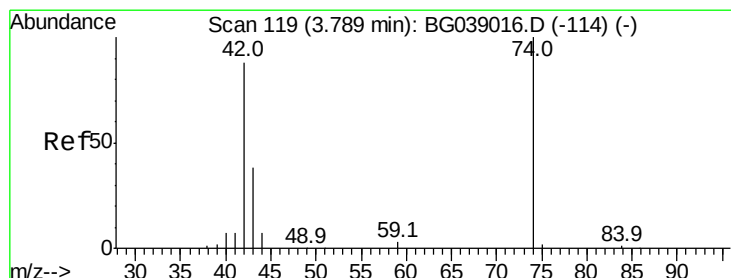
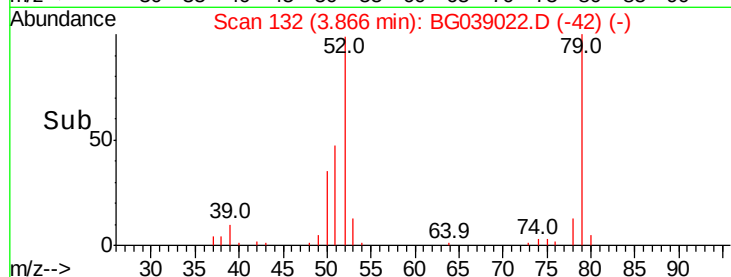
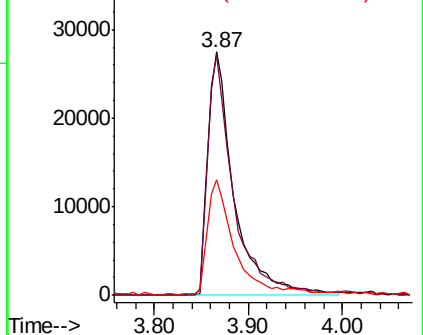
79 100

52 98.7 81.5 122.3

51 47.6 39.8 59.6



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.699 ng

RT: 3.79 min Scan# 119

Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

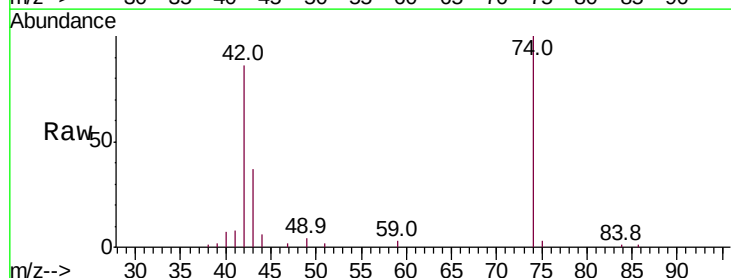
Tgt Ion: 42 Resp: 24257

Ion Ratio Lower Upper

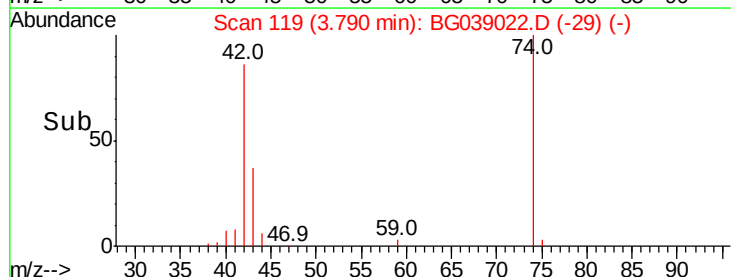
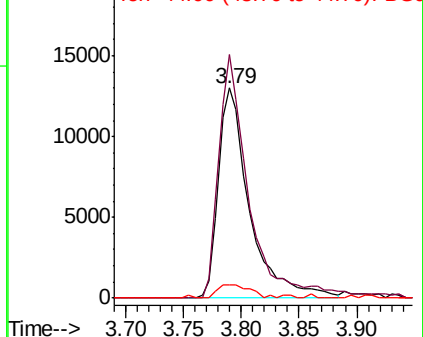
42 100

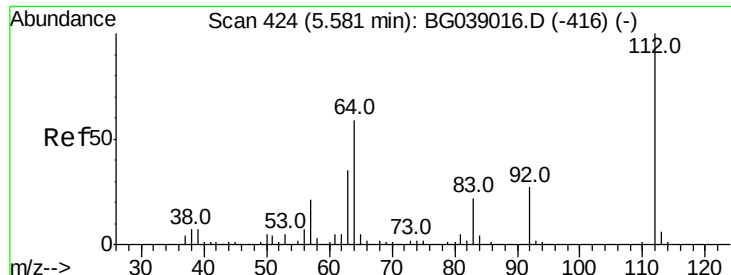
74 115.8 90.7 136.1

44 6.5 6.5 9.7



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 78.175 ng

RT: 5.58 min Scan# 424

Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

Instrument :

BNA_G

ClientSampled :

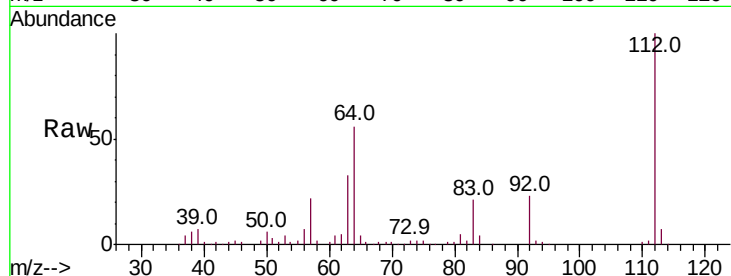
Tot Ion:112 Resp: 99757

Ion Ratio Lower Upper

112 100

64 56.4 47.0 70.6

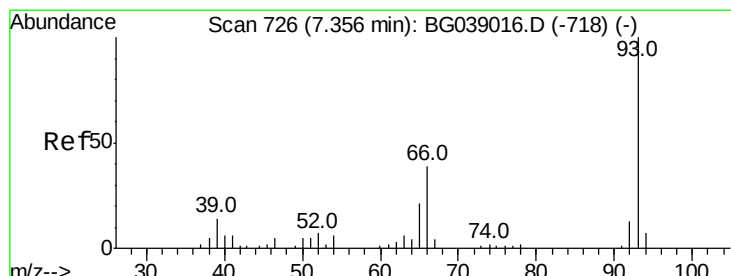
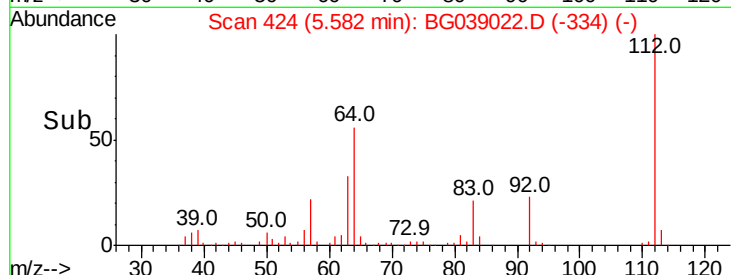
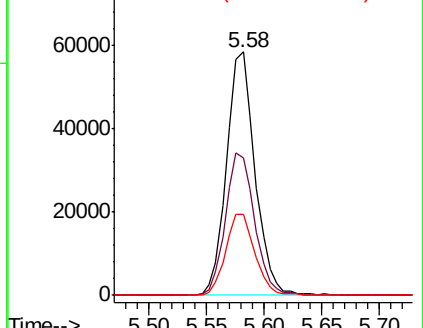
63 33.2 28.0 42.0



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: 39.772 ng

RT: 7.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

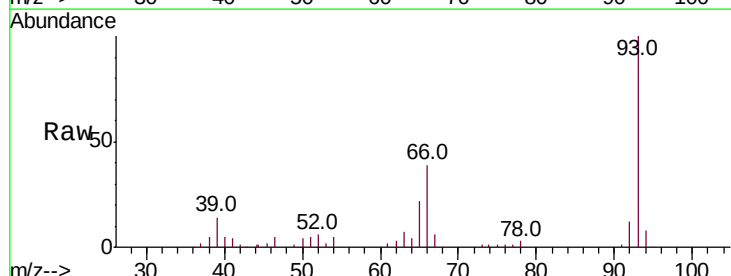
Tgt Ion: 93 Resp: 87717

Ion Ratio Lower Upper

93 100

66 38.6 30.9 46.3

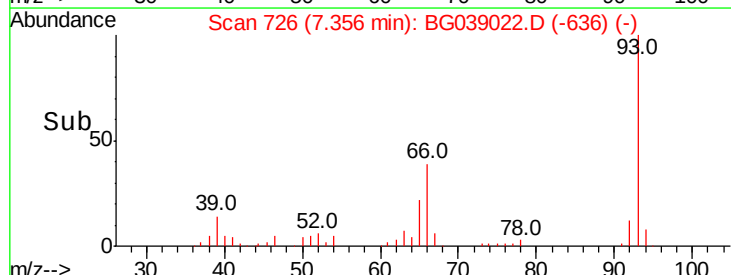
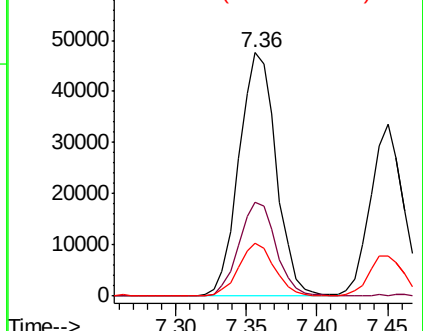
65 21.5 17.0 25.4

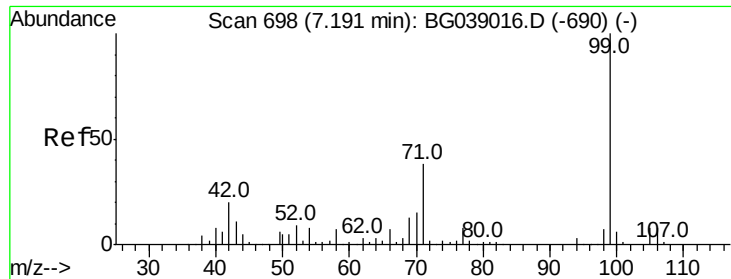


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 79.066 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

Instrument :

BNA_G

ClientSampled :

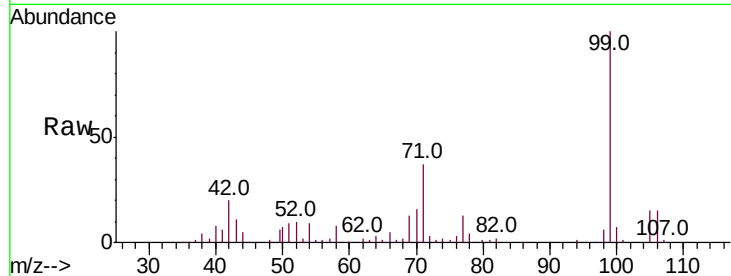
Tot Ion: 99 Resp: 145200

Ion Ratio Lower Upper

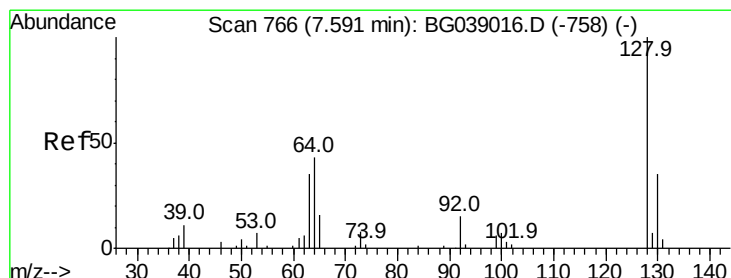
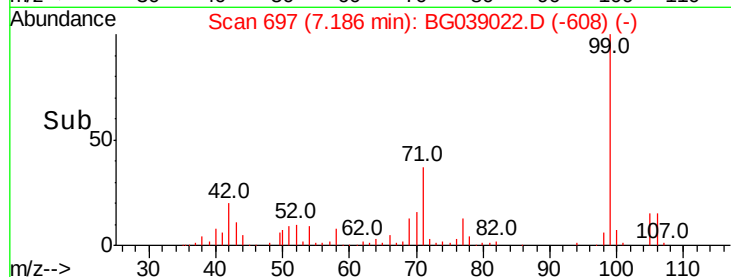
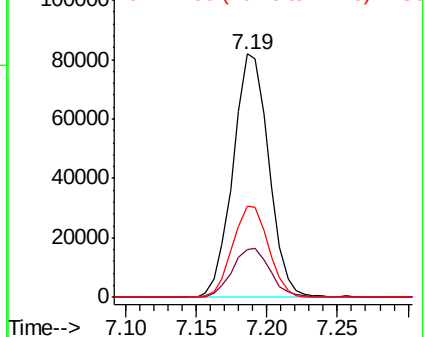
99 100

42 19.8 15.8 23.6

71 37.5 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: 38.942 ng

RT: 7.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

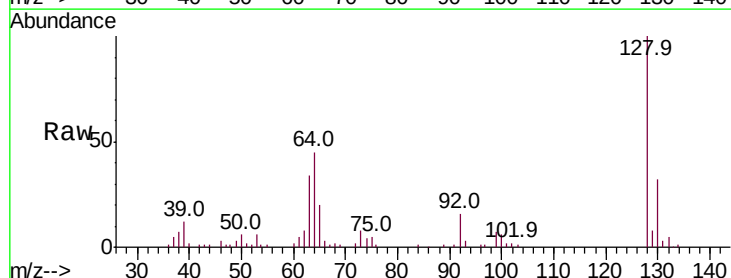
Tgt Ion: 128 Resp: 58578

Ion Ratio Lower Upper

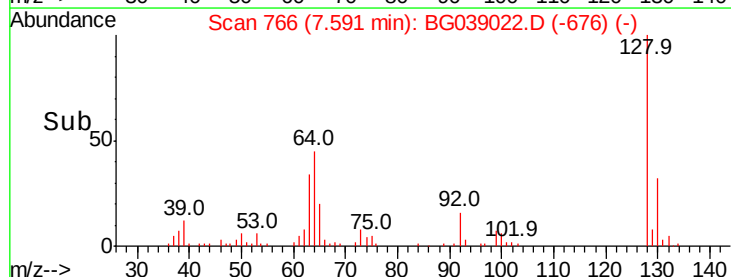
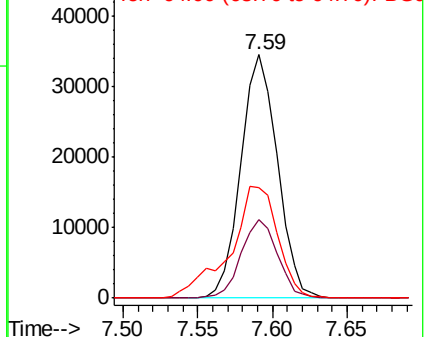
128 100

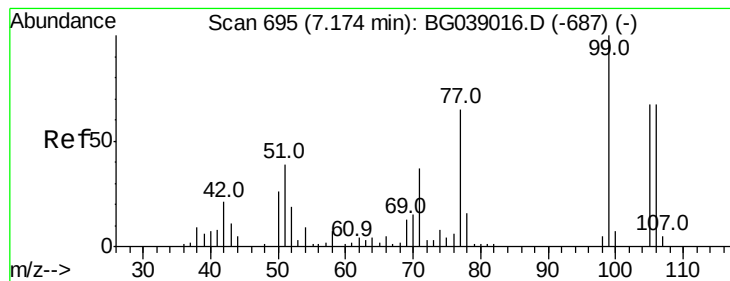
130 32.1 14.5 54.5

64 45.4 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: 36.033 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

Instrument :

BNA_G

ClientSampled :

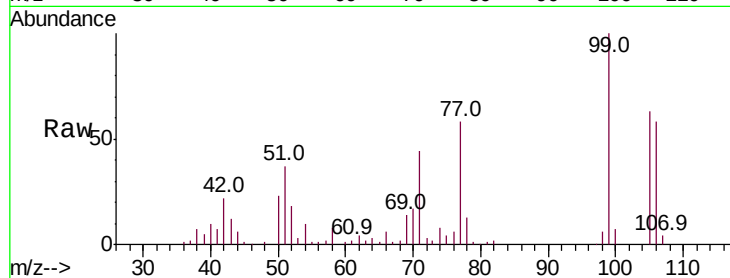
Tot Ion: 77 Resp: 38162

Ion Ratio Lower Upper

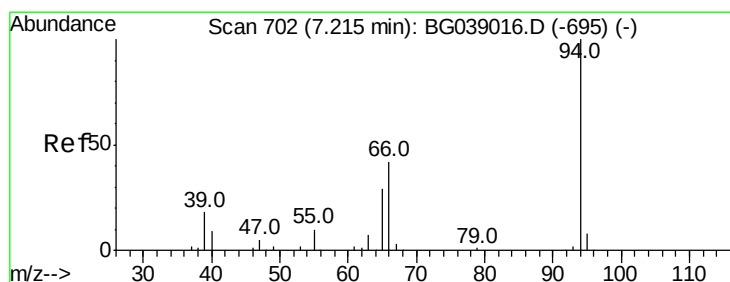
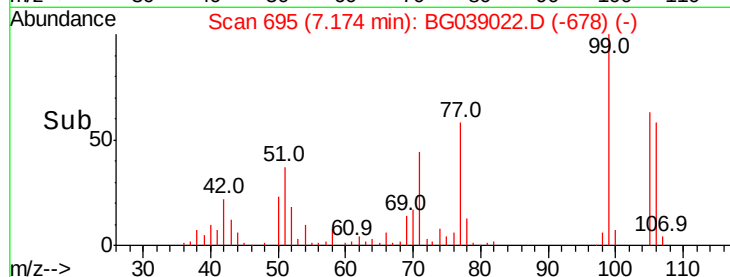
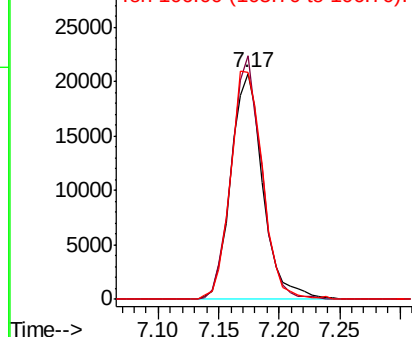
77 100

105 107.8 82.4 122.4

106 100.6 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: 39.630 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

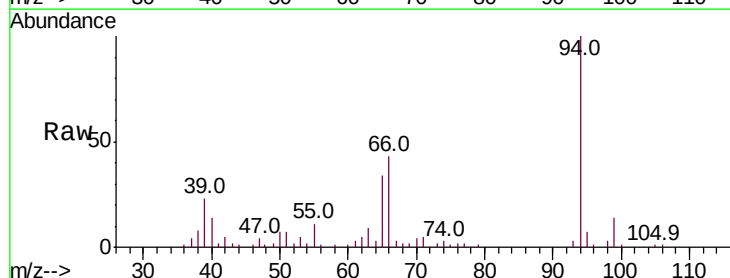
Tgt Ion: 94 Resp: 72966

Ion Ratio Lower Upper

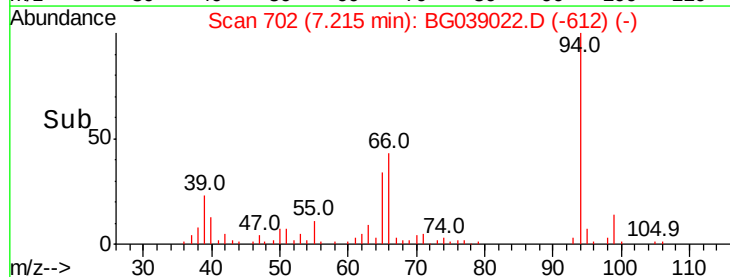
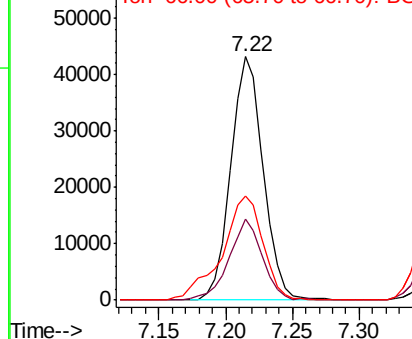
94 100

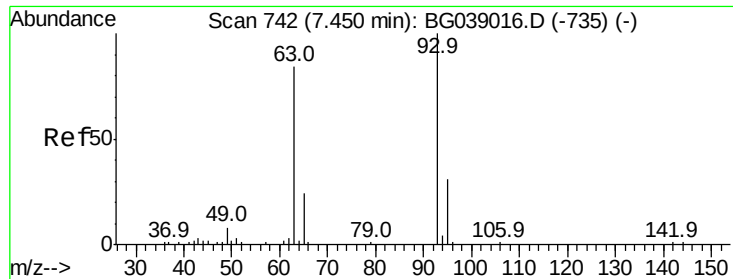
65 33.5 10.3 50.3

66 42.9 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: 39.053 ng

RT: 7.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

Instrument :

BNA_G

ClientSampleId :

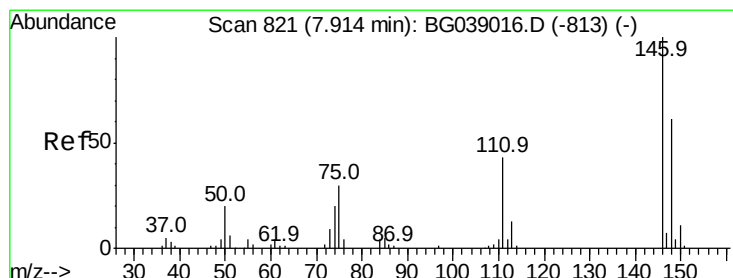
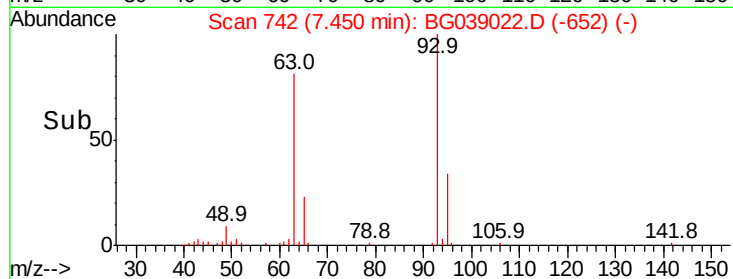
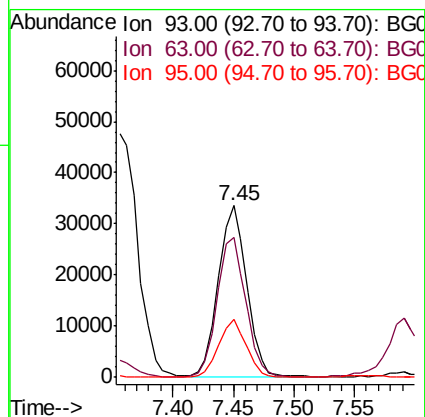
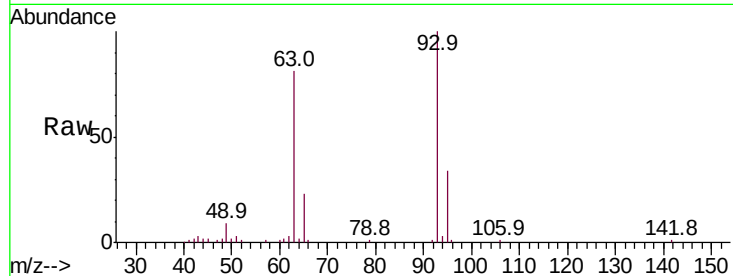
Tot Ion: 93 Resp: 54955

Ion Ratio Lower Upper

93 100

63 81.4 63.2 103.2

95 33.8 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 38.046 ng

RT: 7.91 min Scan# 821

Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

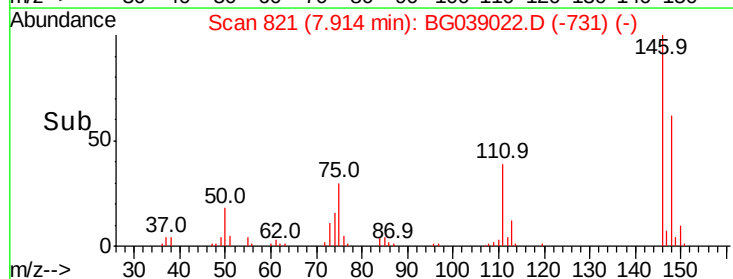
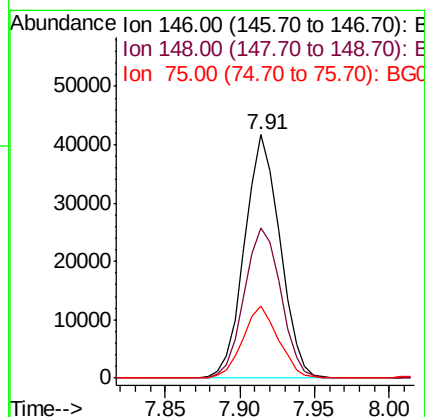
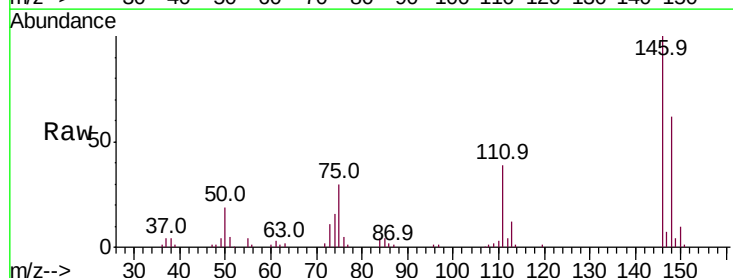
Tgt Ion: 146 Resp: 68569

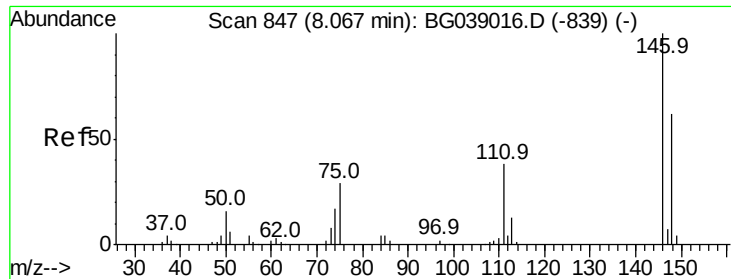
Ion Ratio Lower Upper

146 100

148 61.9 49.1 73.7

75 29.6 23.9 35.9

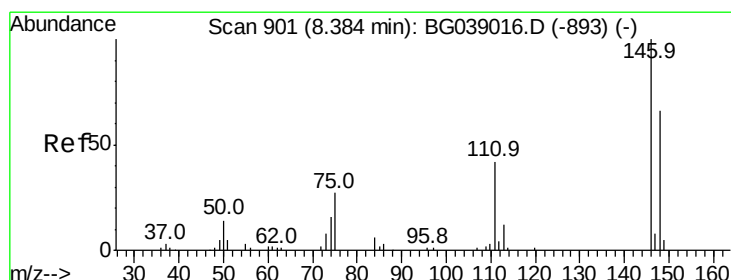
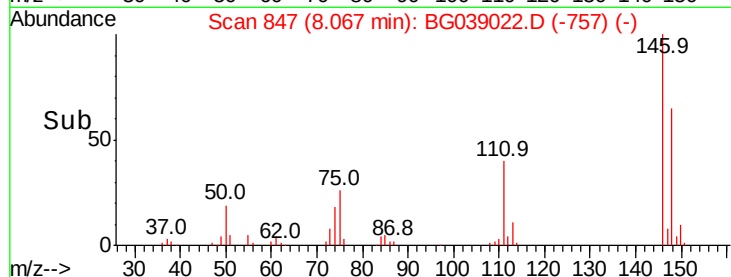
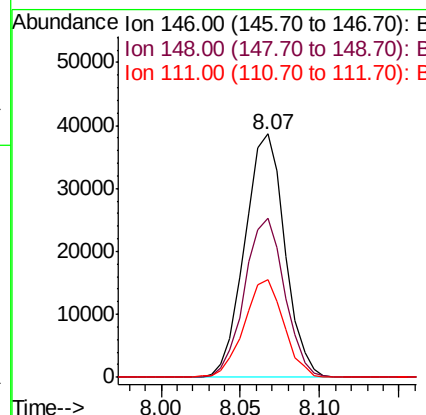
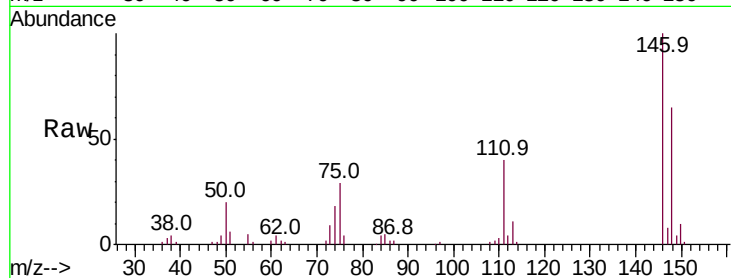




#13
 1,4-Dichlorobenzene
 Concen: 37.159 ng
 RT: 8.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

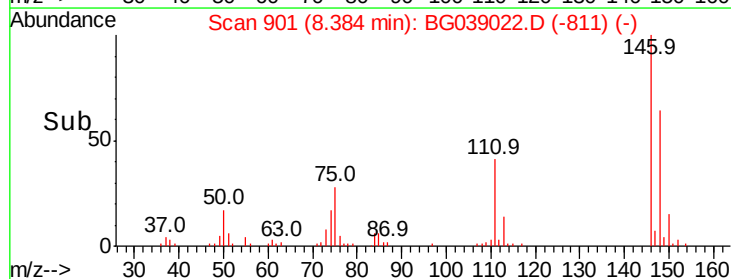
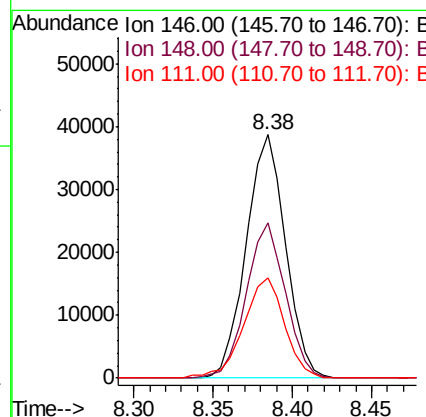
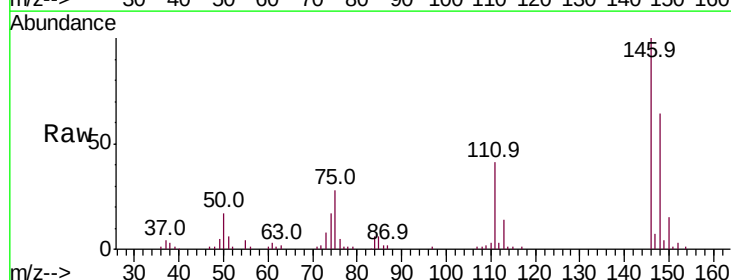
Instrument :
 BNA_G
 ClientSampled :

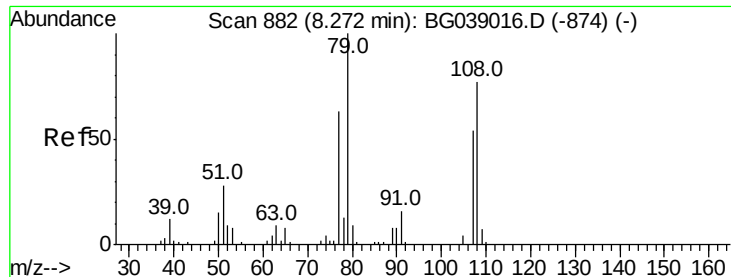
Tot Ion:146 Resp: 67825
 Ion Ratio Lower Upper
 146 100
 148 65.4 49.8 74.6
 111 40.0 30.6 45.8



#14
 1,2-Dichlorobenzene
 Concen: 38.293 ng
 RT: 8.38 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

Tgt Ion:146 Resp: 66643
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.6 79.0
 111 41.0 34.6 51.8

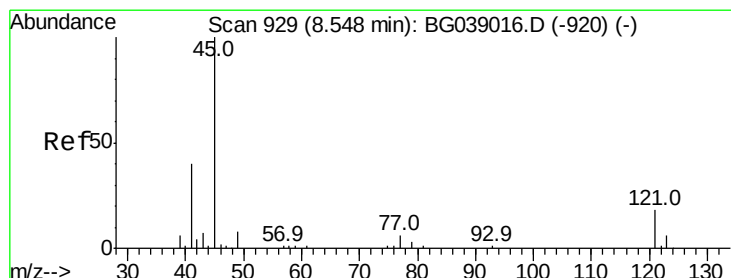
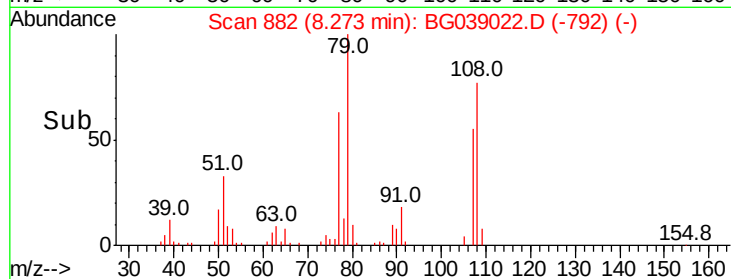
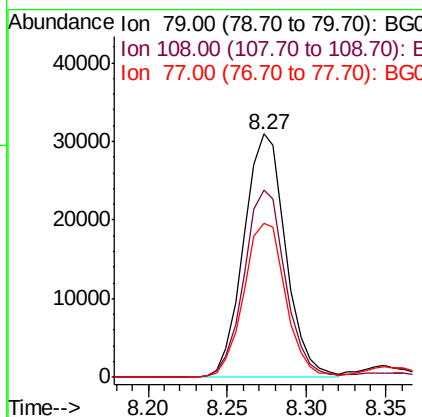
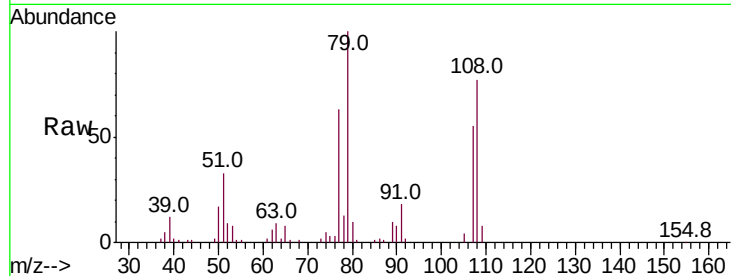




#15
Benzyl Alcohol
Concen: 41.082 ng
RT: 8.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BG039022.D
Acq: 9 Jan 2019 15:54

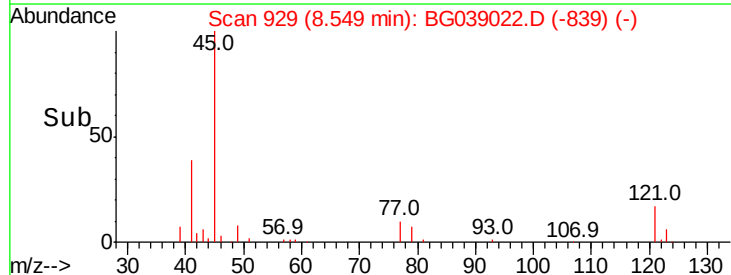
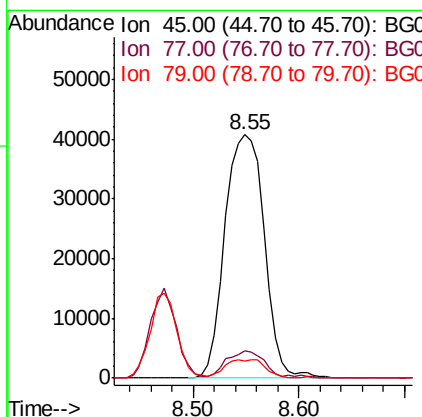
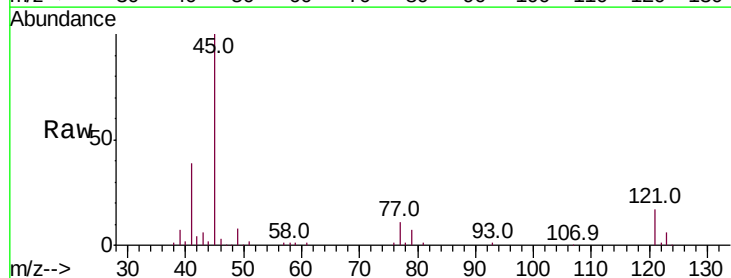
Instrument :
BNA_G
ClientSampleId :

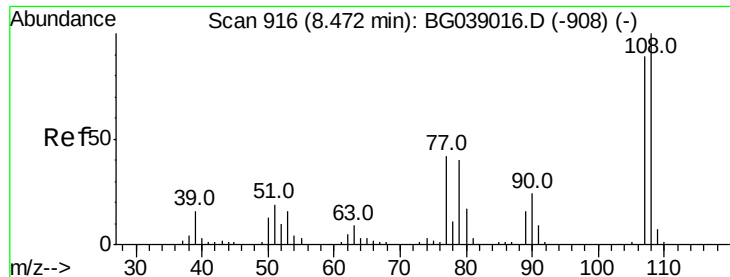
Tot Ion: 79 Resp: 56816
Ion Ratio Lower Upper
79 100
108 76.8 62.0 93.0
77 63.2 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.064 ng
RT: 8.55 min Scan# 929
Delta R.T. 0.00 min
Lab File: BG039022.D
Acq: 9 Jan 2019 15:54

Tgt Ion: 45 Resp: 105406
Ion Ratio Lower Upper
45 100
77 11.4 0.0 30.7
79 7.1 0.0 28.5





#17

2-Methylphenol

Concen: 39.120 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 50014

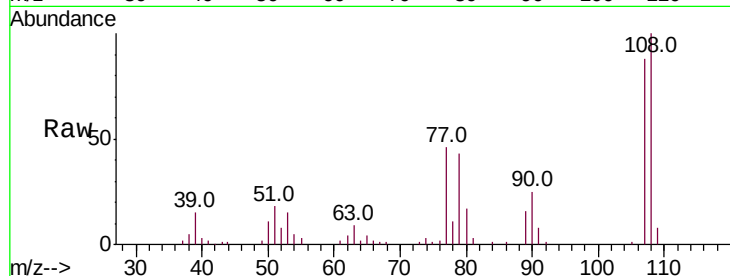
Ion Ratio Lower Upper

107 100

108 113.5 90.3 135.5

77 51.8 38.3 57.5

79 48.4 35.8 53.6

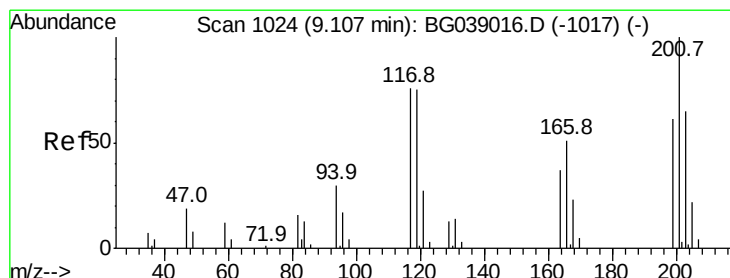
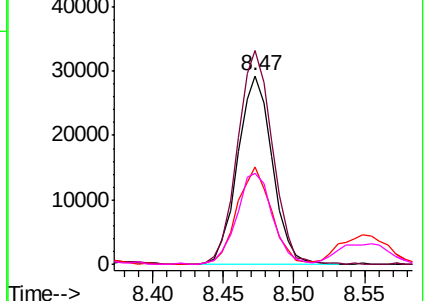
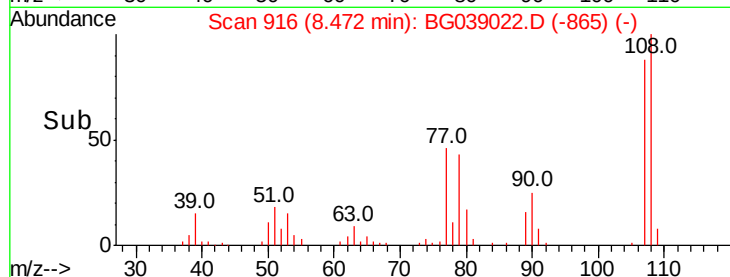


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.819 ng

RT: 9.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

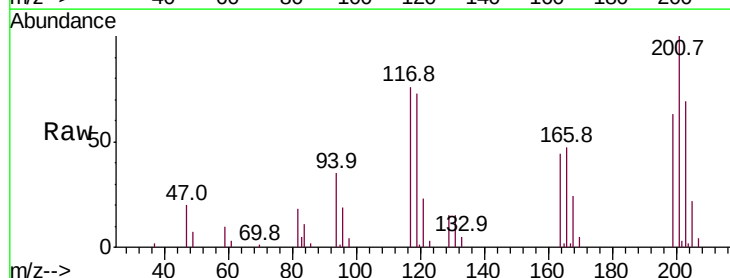
Tgt Ion:117 Resp: 23452

Ion Ratio Lower Upper

117 100

119 96.8 78.7 118.1

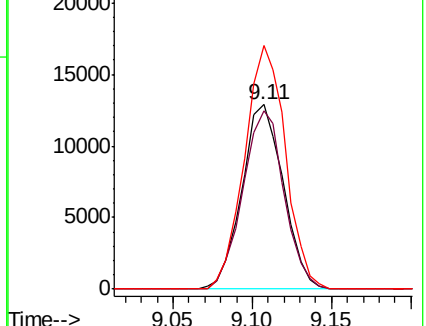
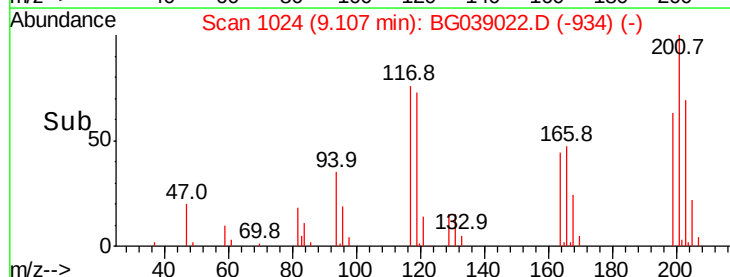
201 135.6 108.1 162.1

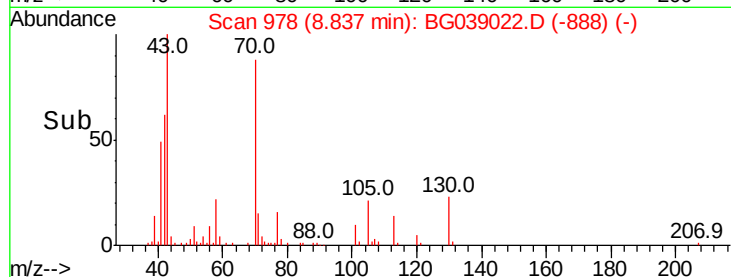
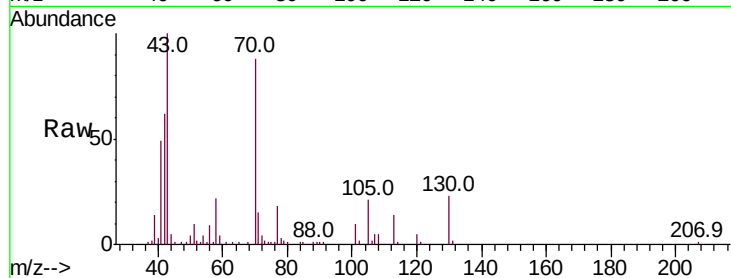
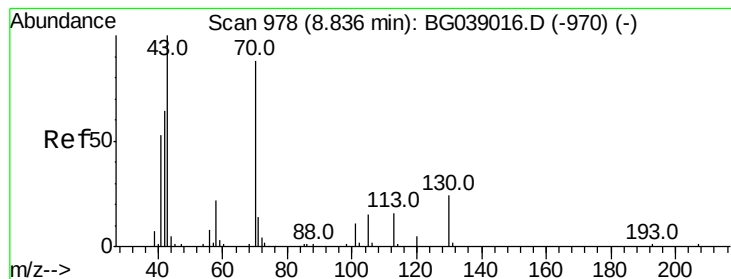


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.279 ng

RT: 8.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 47369

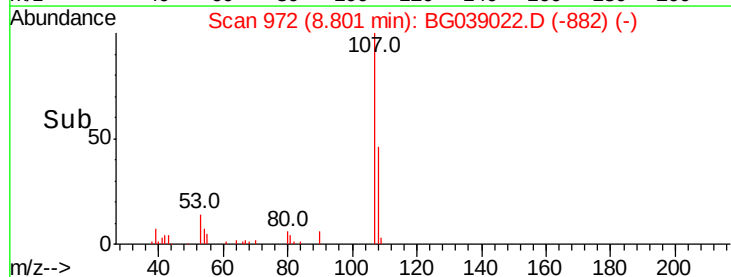
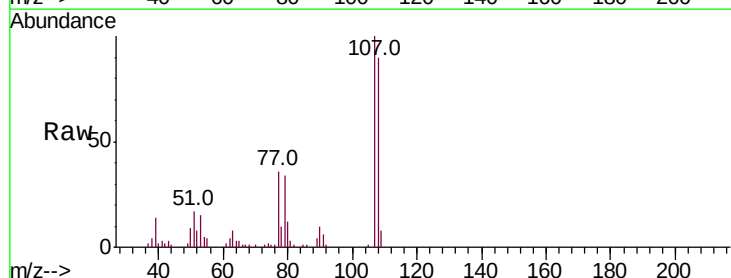
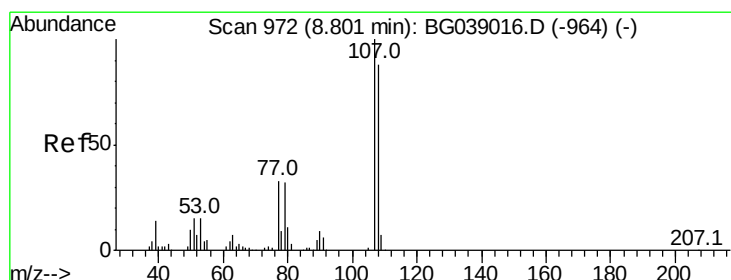
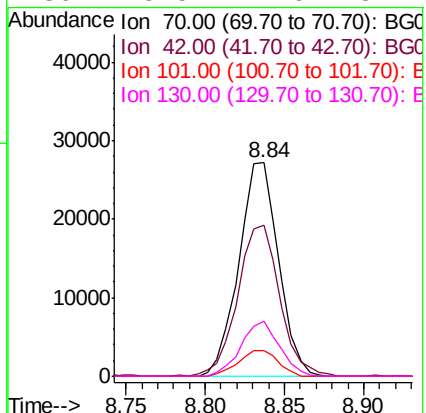
Ion Ratio Lower Upper

70 100

42 70.8 59.0 88.4

101 11.8 10.4 15.6

130 25.5 21.6 32.4



#20

3+4-Methylphenols

Concen: 39.811 ng

RT: 8.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

Tgt Ion:107 Resp: 72566

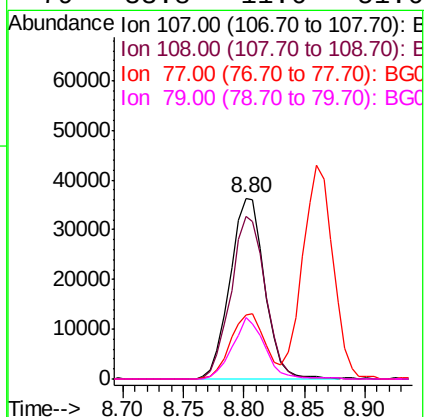
Ion Ratio Lower Upper

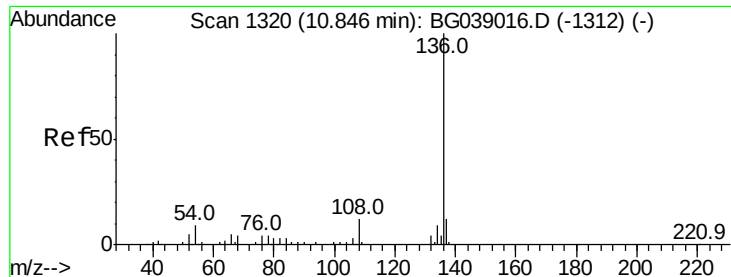
107 100

108 90.1 68.4 108.4

77 35.7 13.3 53.3

79 33.8 11.6 51.6

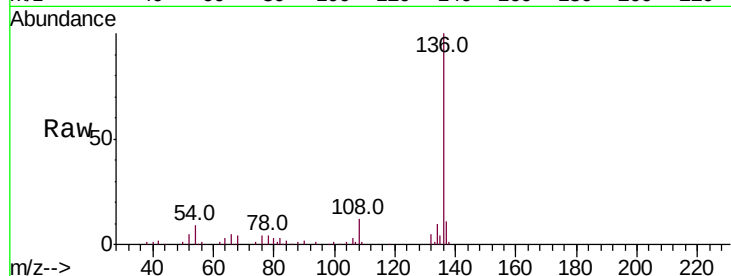




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BG039022.D
Acq: 9 Jan 2019 15:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	100959
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.4 14.2
54	9.0	7.2 10.8
68	4.3	3.5 5.3



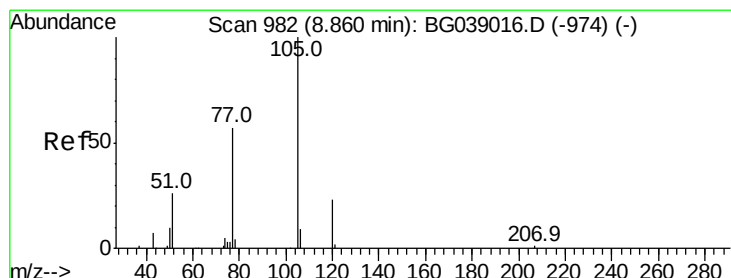
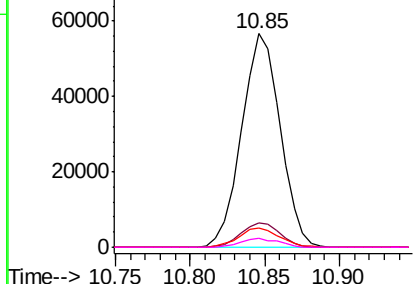
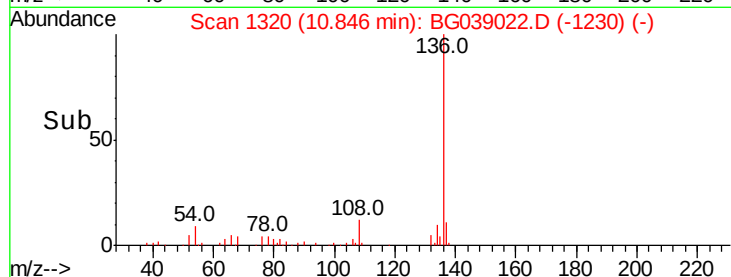
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

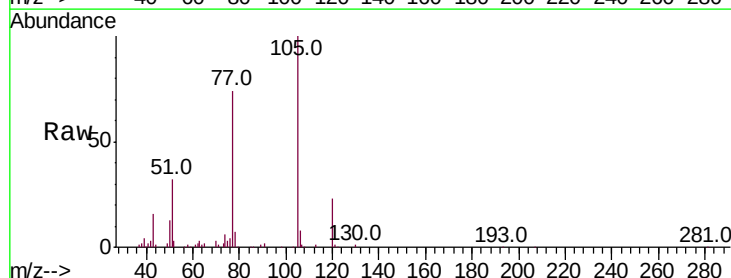
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.290 ng
RT: 8.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BG039022.D
Acq: 9 Jan 2019 15:54

Tgt Ion:105	Resp:	103591
Ion	Ratio	Lower Upper
105	100	
71	0.5	0.6 1.0#
51	32.2	26.6 39.8
120	22.7	17.9 26.9



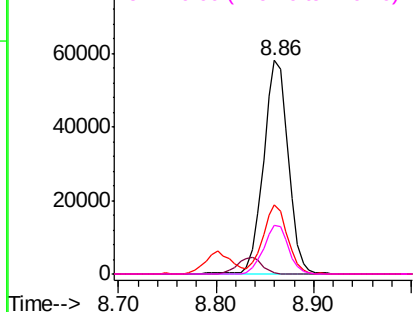
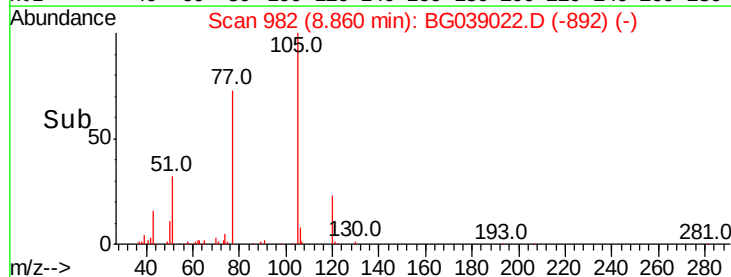
Abundance

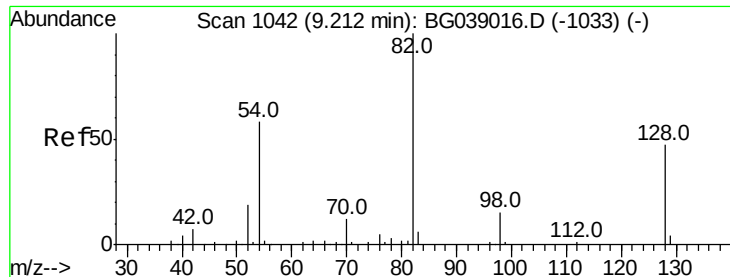
Ion 105.00 (104.70 to 105.70): E

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

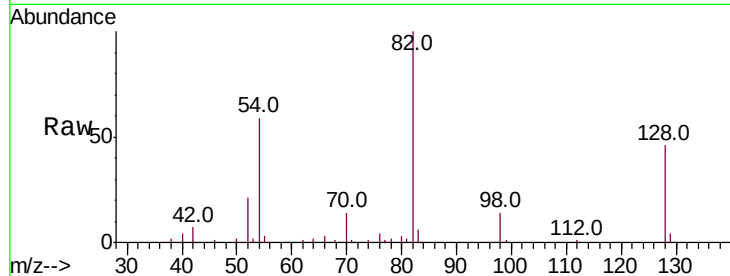




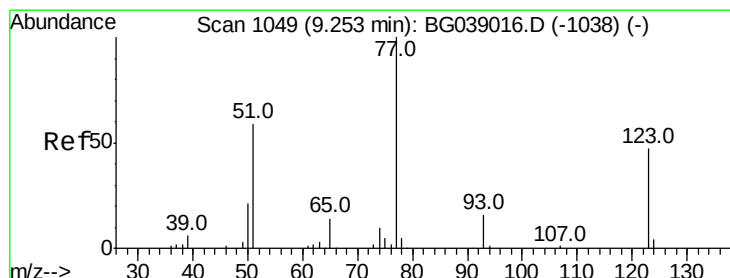
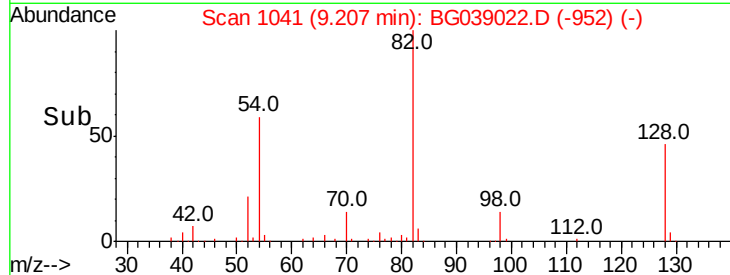
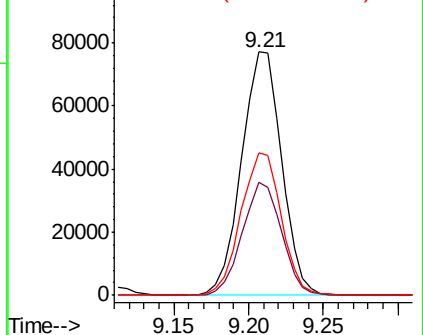
#23
 Nitrobenzene-d5
 Concen: 77.691 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 143343
 Ion Ratio Lower Upper
 82 100
 128 46.3 37.3 55.9
 54 58.5 46.4 69.6

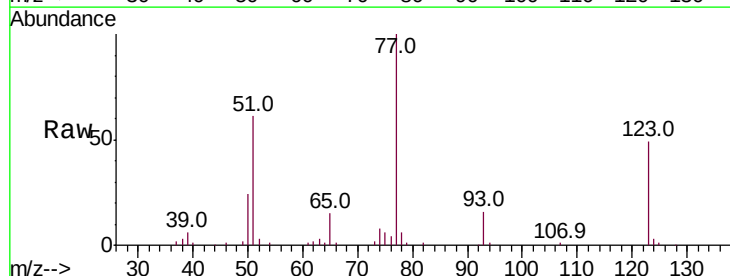


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

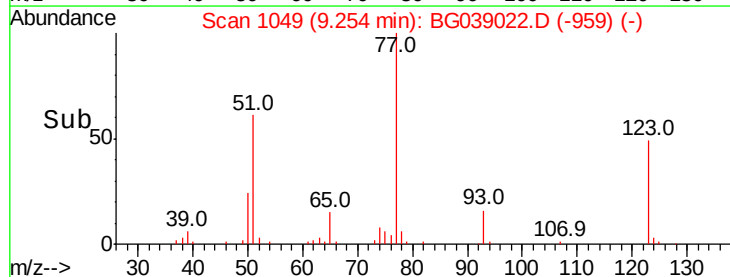
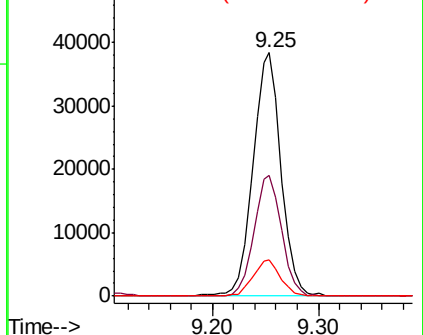


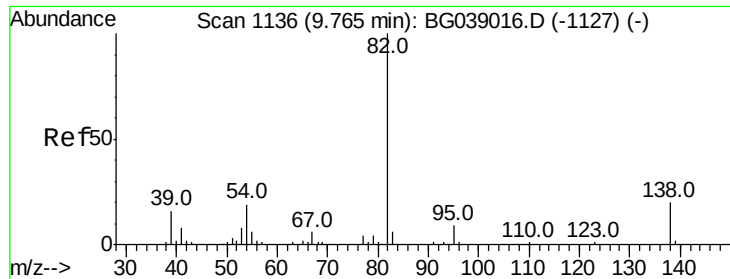
#24
 Nitrobenzene
 Concen: 37.934 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

Tgt Ion: 77 Resp: 70744
 Ion Ratio Lower Upper
 77 100
 123 49.4 37.6 56.4
 65 14.8 11.0 16.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

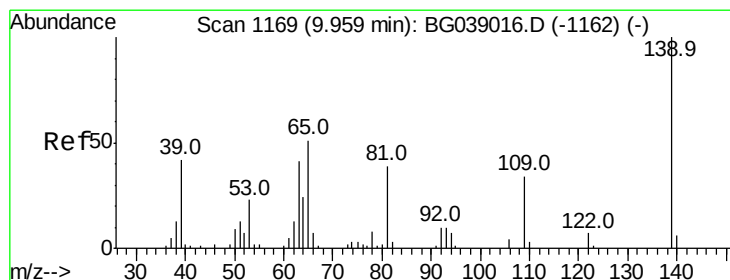
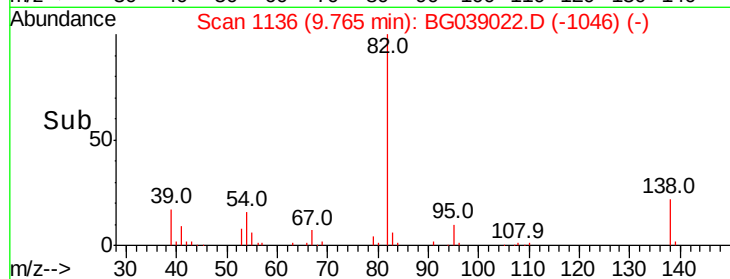
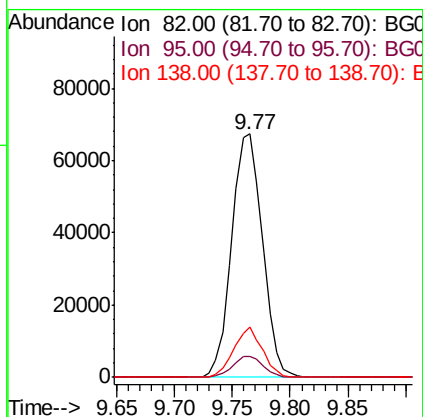
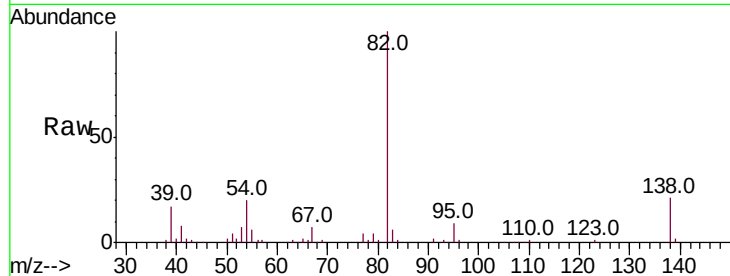




#25
Isophorone
Concen: 39.165 ng
RT: 9.77 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BG039022.D
Acq: 9 Jan 2019 15:54

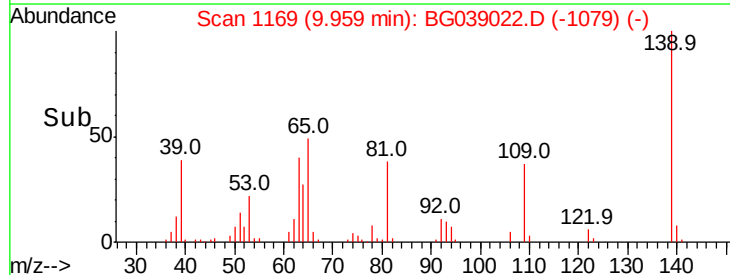
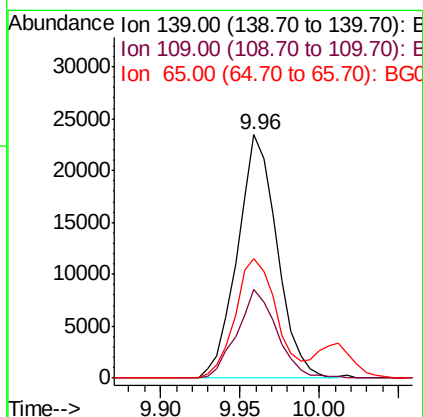
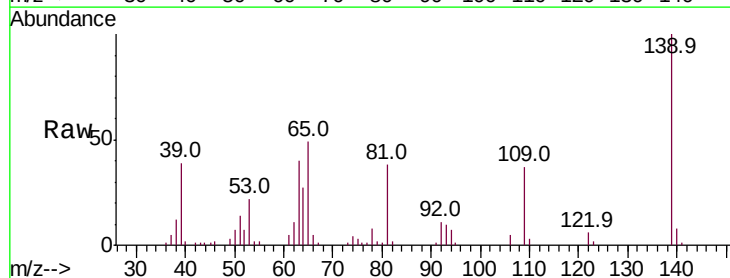
Instrument :
BNA_G
ClientSampleId :

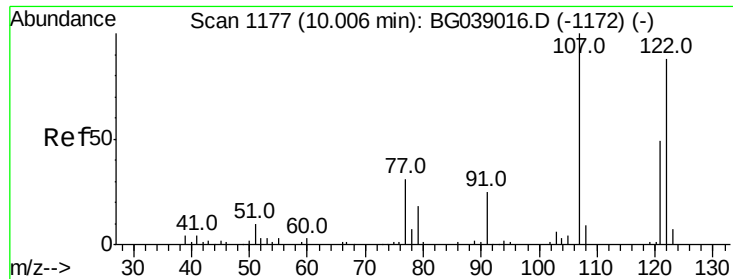
Tot Ion: 82 Resp: 124473
Ion Ratio Lower Upper
82 100
95 8.8 7.0 10.6
138 20.7 16.2 24.4



#26
2-Nitrophenol
Concen: 40.240 ng
RT: 9.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BG039022.D
Acq: 9 Jan 2019 15:54

Tgt Ion: 139 Resp: 40591
Ion Ratio Lower Upper
139 100
109 36.5 27.3 40.9
65 49.0 40.6 61.0

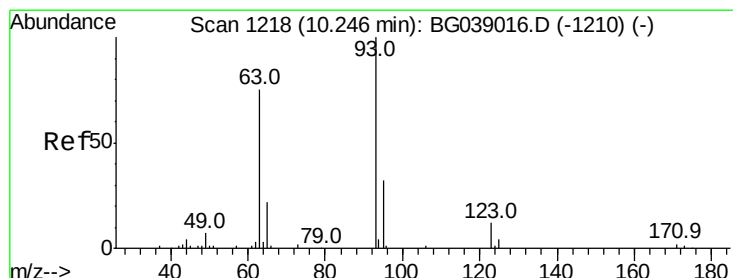
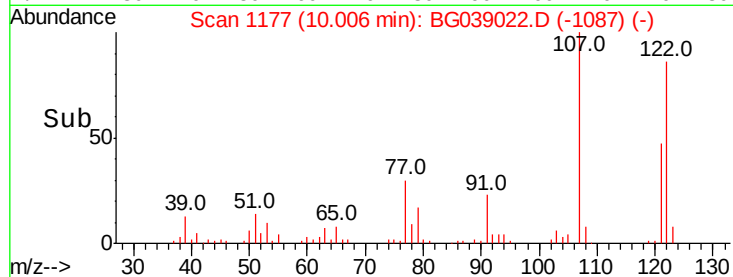
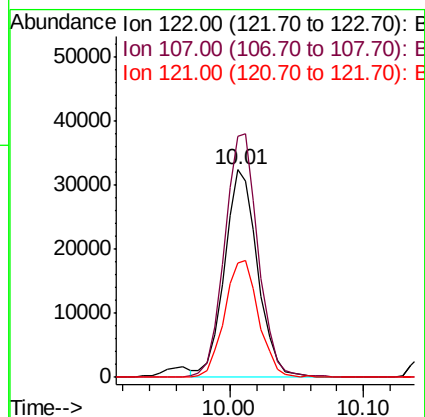
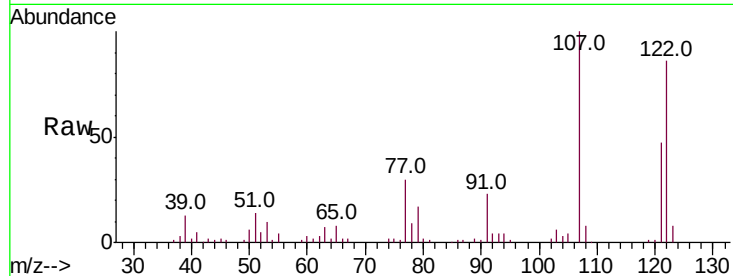




#27
 2,4-Dimethylphenol
 Concen: 39.770 ng
 RT: 10.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

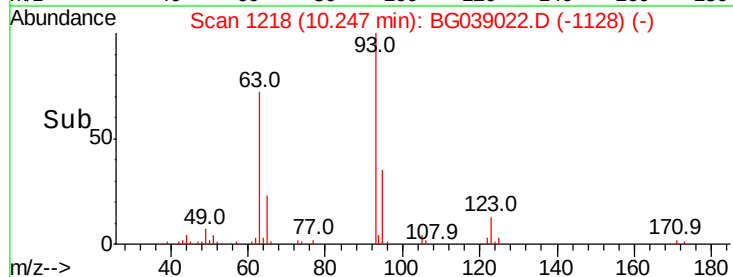
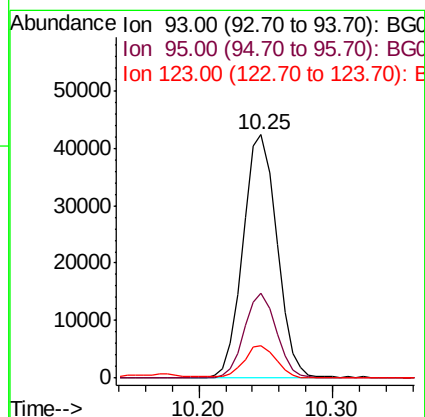
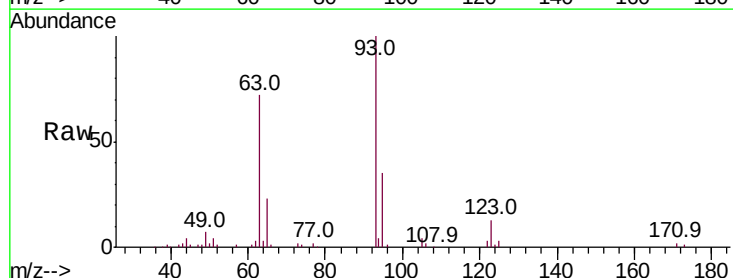
Instrument :
 BNA_G
 ClientSampleId :

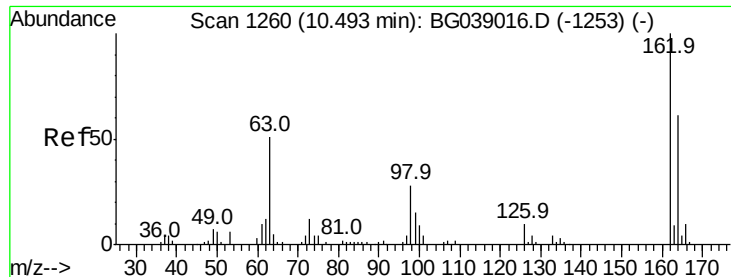
Tot Ion:122 Resp: 56439
 Ion Ratio Lower Upper
 122 100
 107 116.1 88.8 133.2
 121 54.9 43.1 64.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.959 ng
 RT: 10.25 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

Tgt Ion: 93 Resp: 74415
 Ion Ratio Lower Upper
 93 100
 95 34.9 25.6 38.4
 123 13.2 10.1 15.1

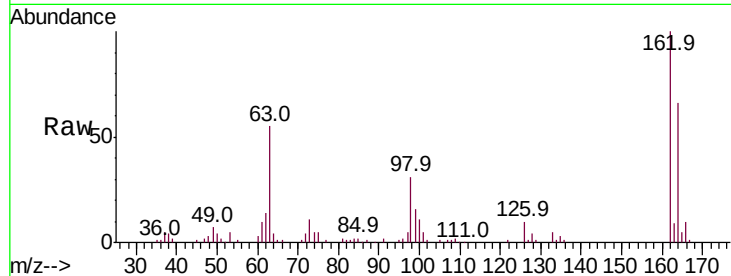




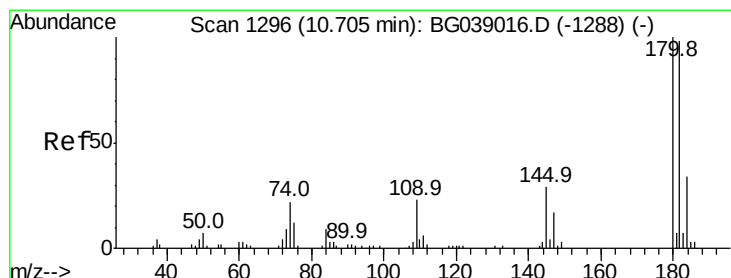
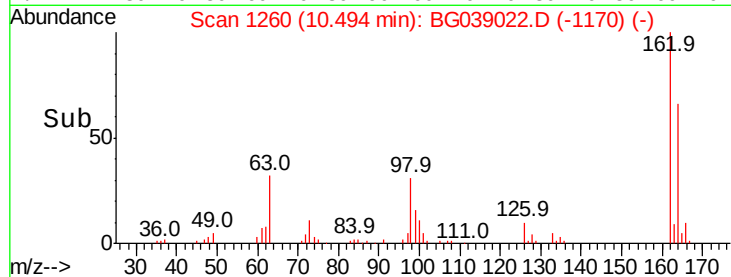
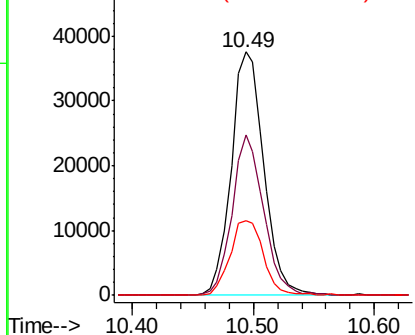
#29
 2,4-Dichlorophenol
 Concen: 40.037 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	41.3	81.3
98	30.8	8.3	48.3

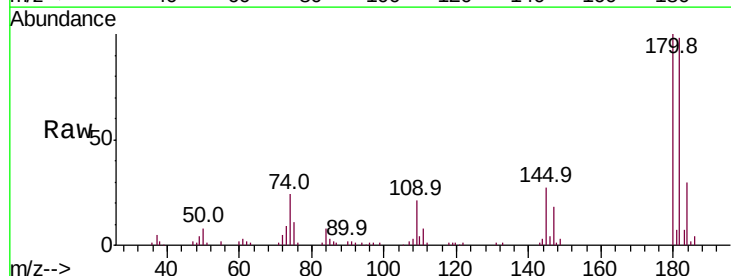


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

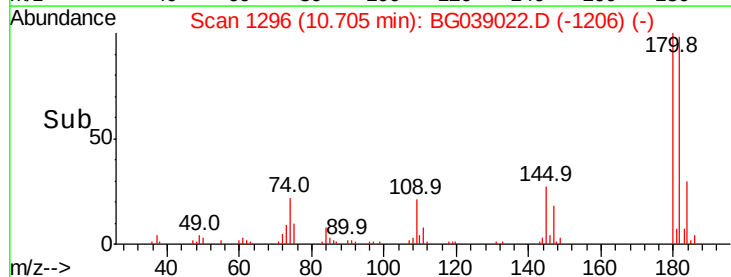
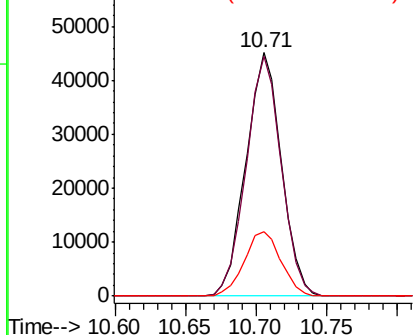


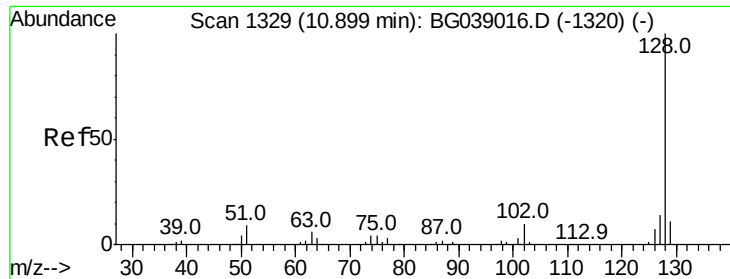
#30
 1,2,4-Trichlorobenzene
 Concen: 37.536 ng
 RT: 10.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	78.1	117.1
145	26.6	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

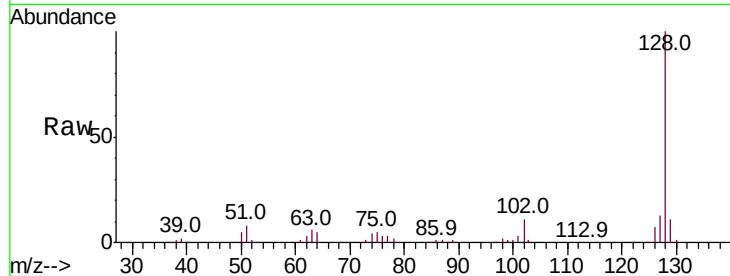




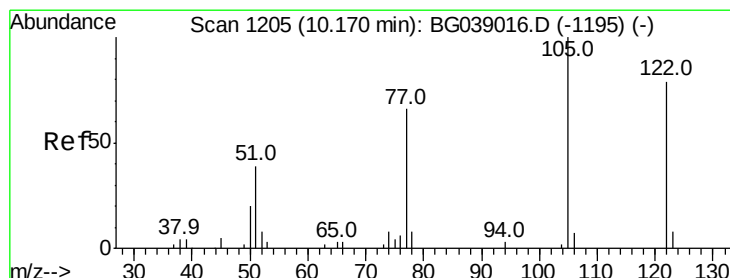
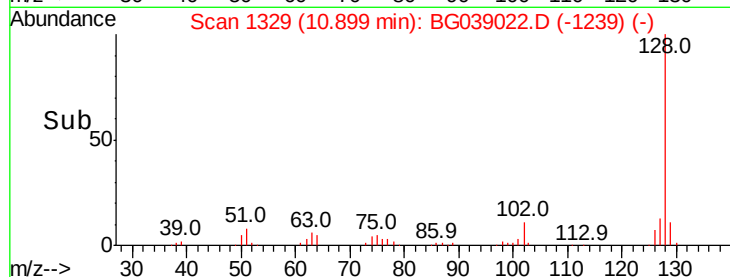
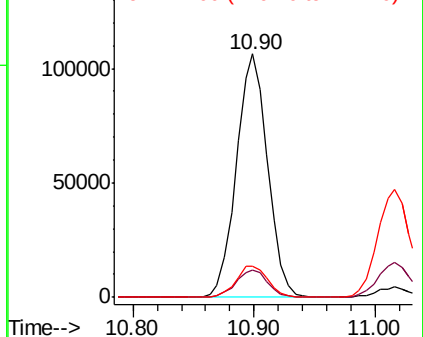
#31
Naphthalene
Concen: 37.636 ng
RT: 10.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BG039022.D
Acq: 9 Jan 2019 15:54

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 190572
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 12.9 11.2 16.8

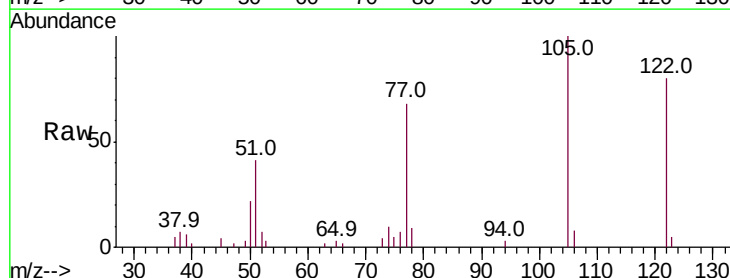


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

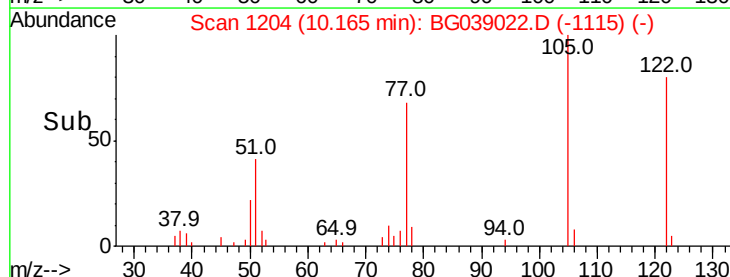
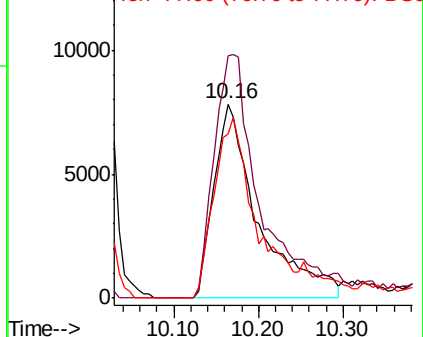


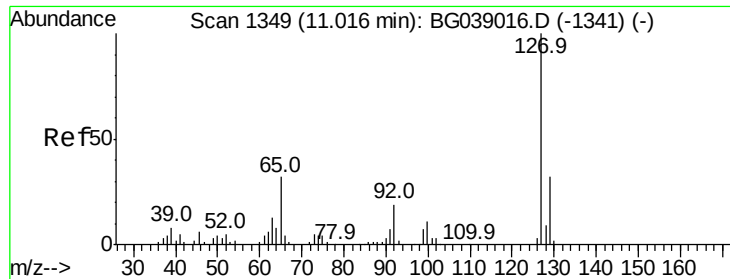
#32
Benzoic acid
Concen: 35.829 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BG039022.D
Acq: 9 Jan 2019 15:54

Tgt Ion:122 Resp: 28669
Ion Ratio Lower Upper
122 100
105 125.1 106.4 146.4
77 84.6 63.6 103.6



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

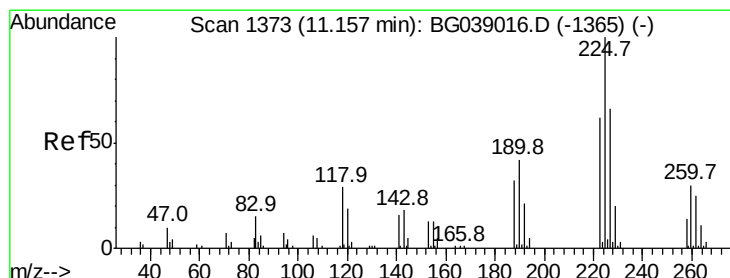
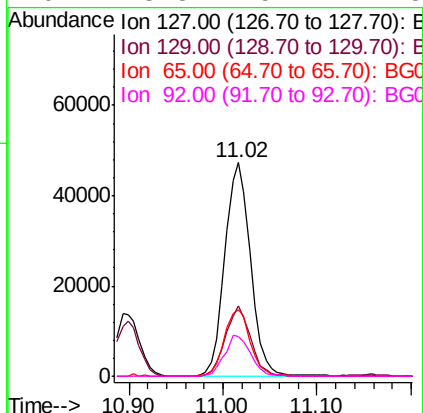
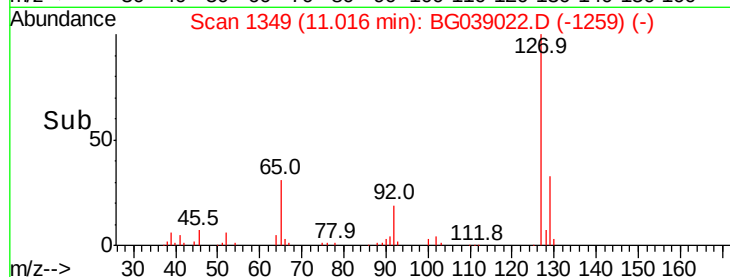
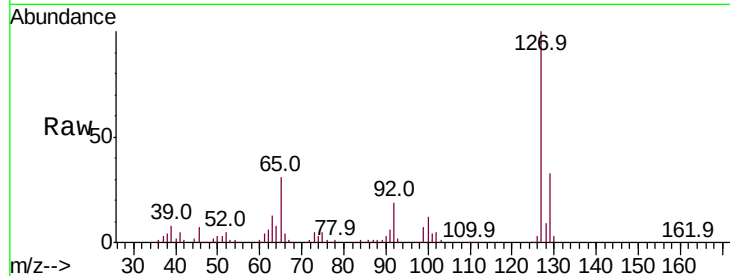




#33
4-Chloroaniline
Concen: 39.760 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG039022.D
Acq: 9 Jan 2019 15:54

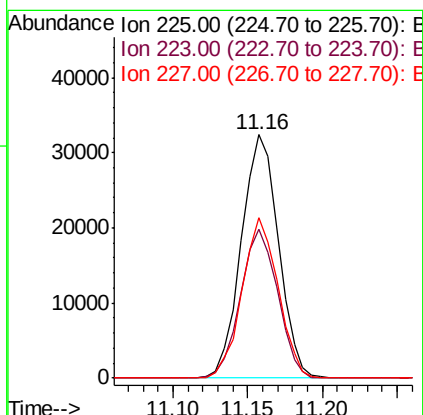
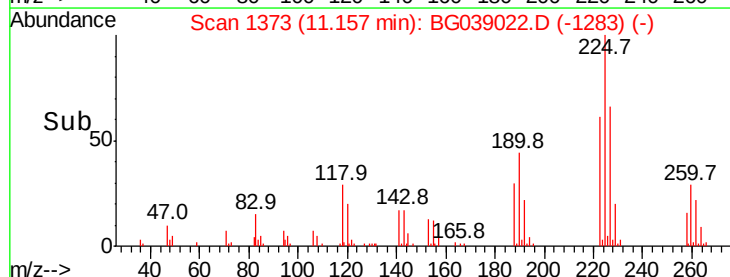
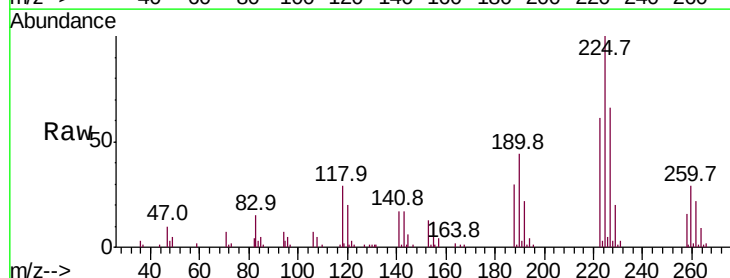
Instrument :
BNA_G
ClientSampleId :

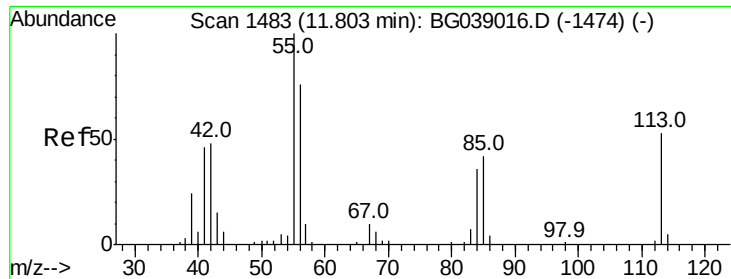
Tot Ion:	127	Resp:	90085
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.4	38.0
65	31.2	25.4	38.0
92	18.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.158 ng
RT: 11.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BG039022.D
Acq: 9 Jan 2019 15:54

Tgt Ion:	225	Resp:	55619
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.2	75.4
227	63.2	53.2	79.8

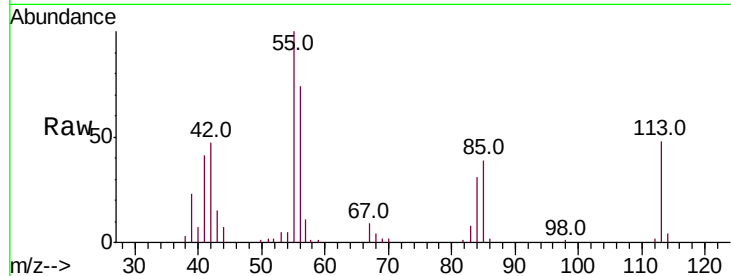




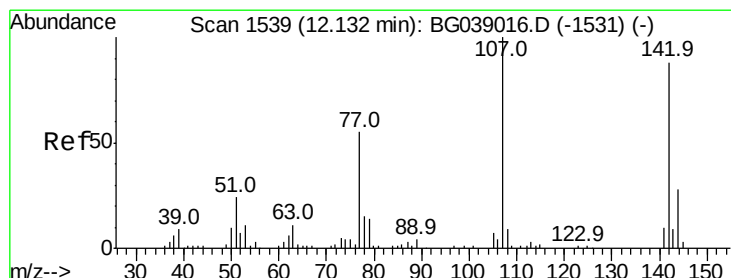
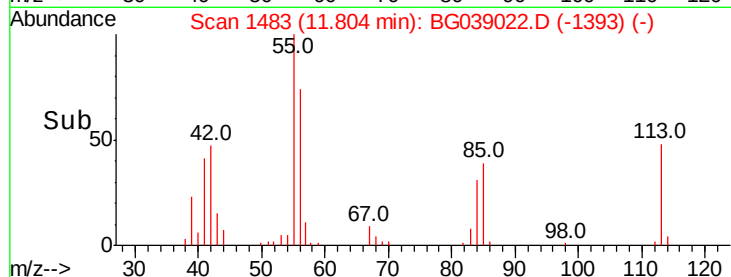
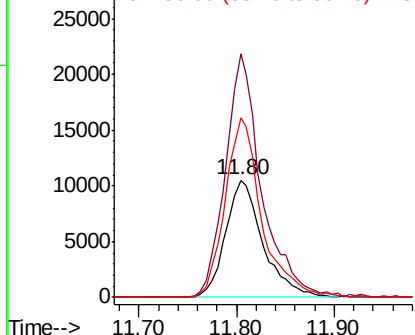
#35
Caprolactam
Concen: 39.574 ng
RT: 11.80 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BG039022.D
Acq: 9 Jan 2019 15:54

Instrument :
BNA_G
ClientSampled :

Tot Ion:113 Resp: 27978
Ion Ratio Lower Upper
113 100
55 207.6 168.6 208.6
56 153.3 123.2 163.2

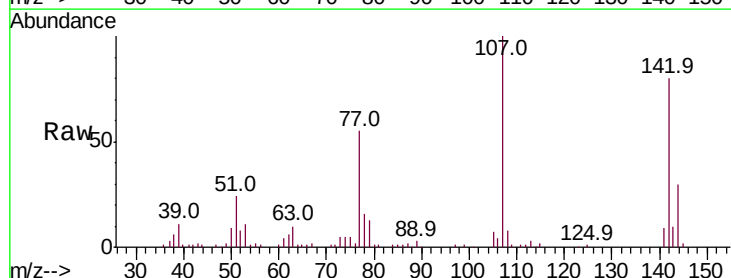


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG

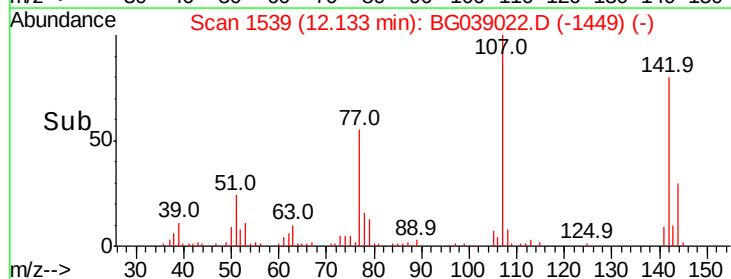
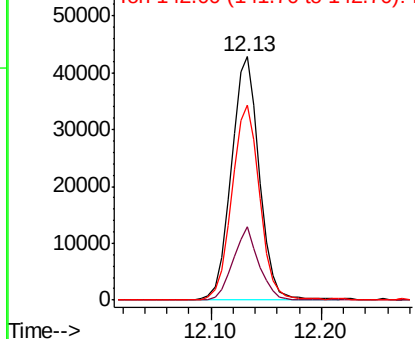


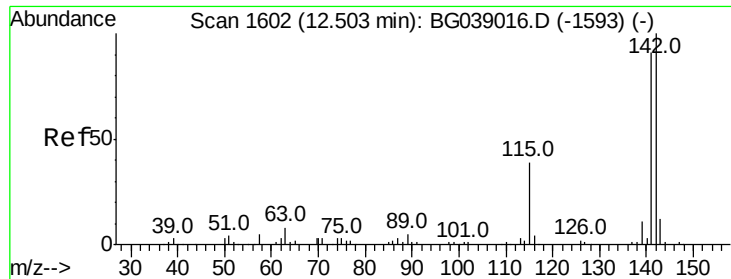
#36
4-Chloro-3-methylphenol
Concen: 40.254 ng
RT: 12.13 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BG039022.D
Acq: 9 Jan 2019 15:54

Tgt Ion:107 Resp: 75906
Ion Ratio Lower Upper
107 100
144 30.0 22.6 34.0
142 79.9 70.2 105.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

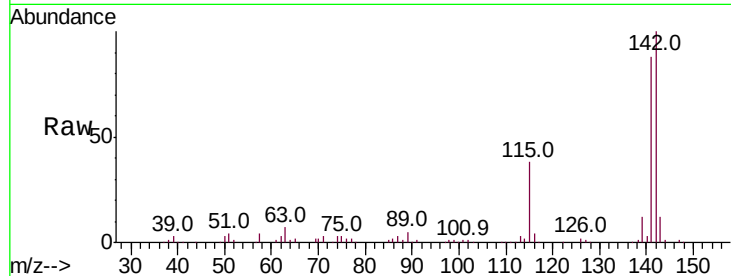




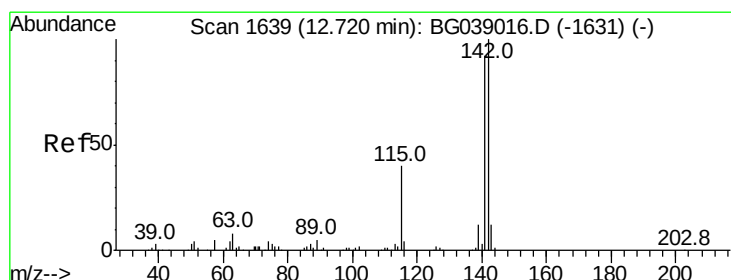
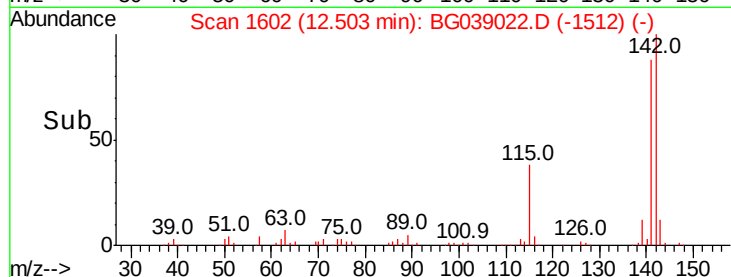
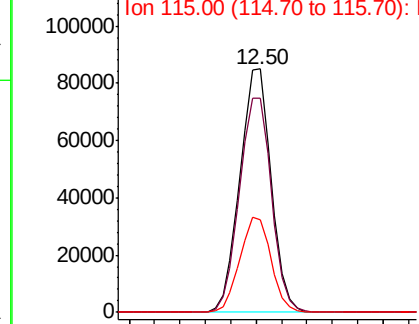
#37
 2-Methylnaphthalene
 Concen: 38.227 ng
 RT: 12.50 min Scan# 1602
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 145121
 Ion Ratio Lower Upper
 142 100
 141 88.2 72.6 109.0
 115 37.9 31.1 46.7

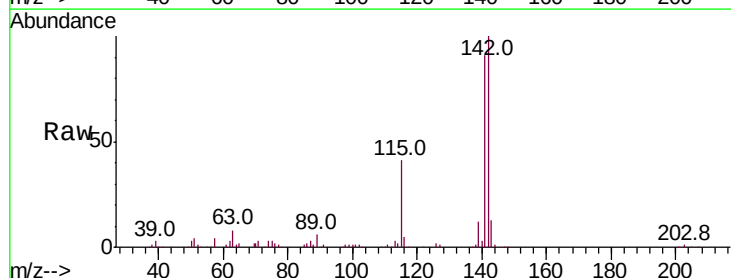


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

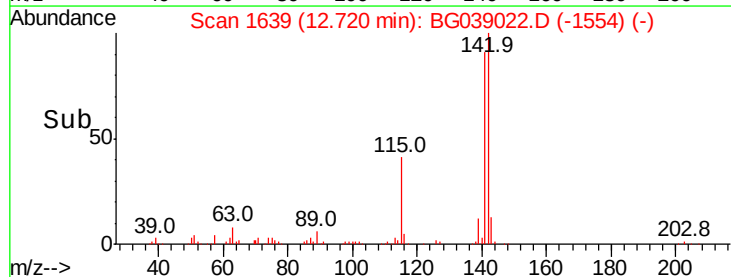
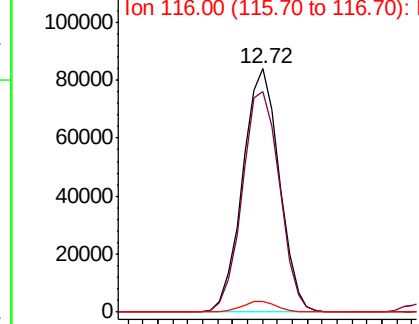


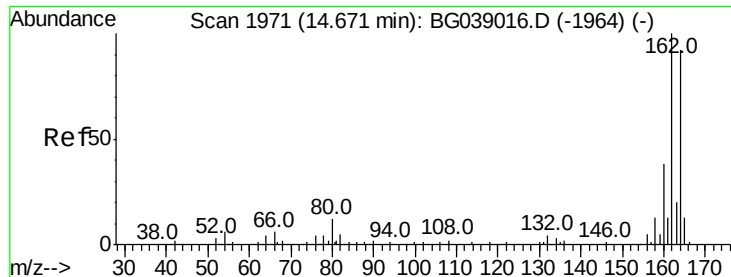
#38
 1-Methylnaphthalene
 Concen: 39.129 ng
 RT: 12.72 min Scan# 1639
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

Tgt Ion:142 Resp: 142581
 Ion Ratio Lower Upper
 142 100
 141 90.8 73.3 109.9
 116 4.6 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

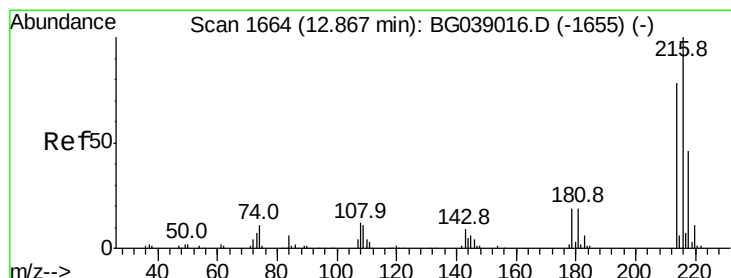
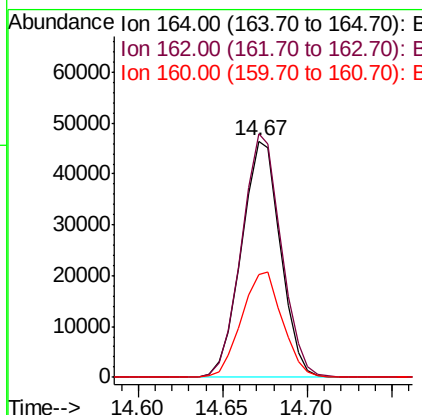
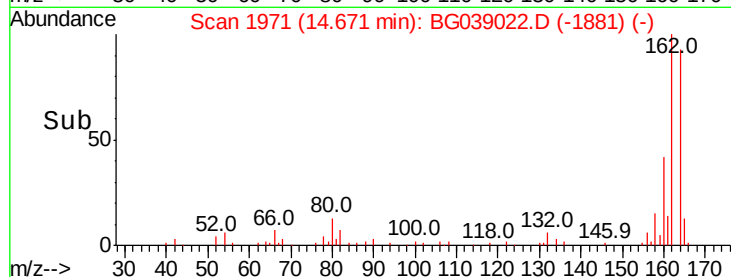
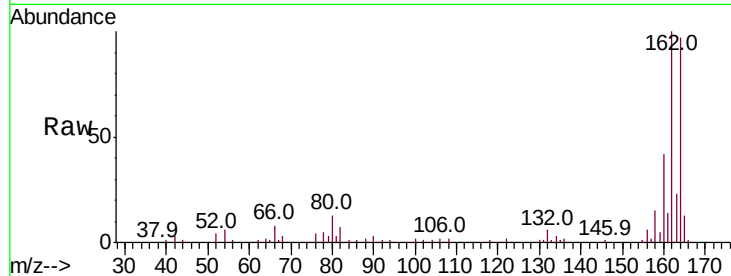




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

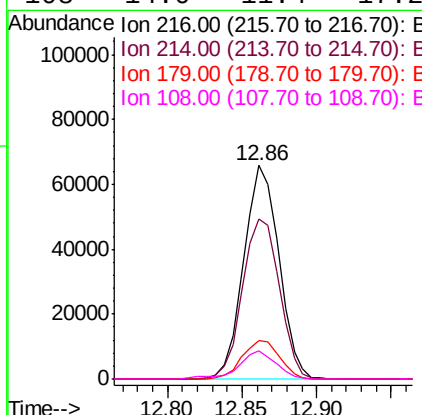
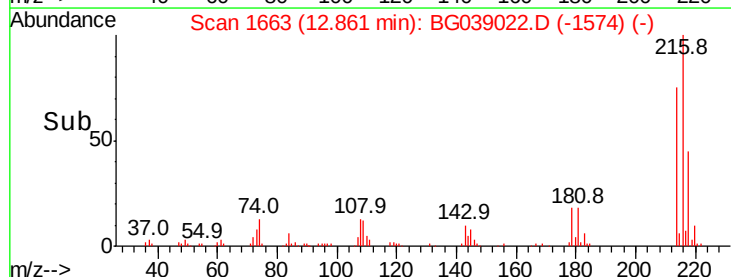
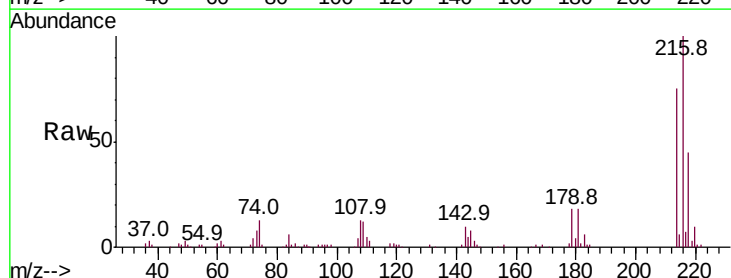
Instrument :
 BNA_G
 ClientSampleId :

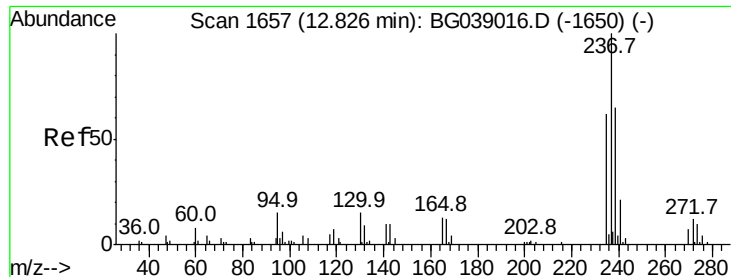
Tot Ion:164 Resp: 74436
 Ion Ratio Lower Upper
 164 100
 162 103.1 87.2 130.8
 160 43.8 33.3 49.9



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.284 ng
 RT: 12.86 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

Tgt Ion:216 Resp: 107022
 Ion Ratio Lower Upper
 216 100
 214 78.9 63.4 95.2
 179 18.9 15.5 23.3
 108 14.0 11.4 17.2





#41

Hexachlorocyclopentadiene

Concen: 35.967 ng

RT: 12.83 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

Instrument :

BNA_G

ClientSampleId :

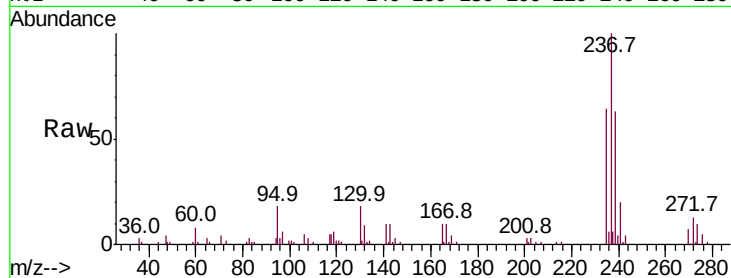
Tot Ion:237 Resp: 51275

Ion Ratio Lower Upper

237 100

235 63.8 41.7 81.7

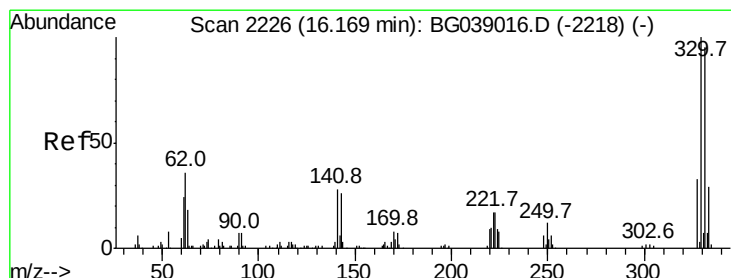
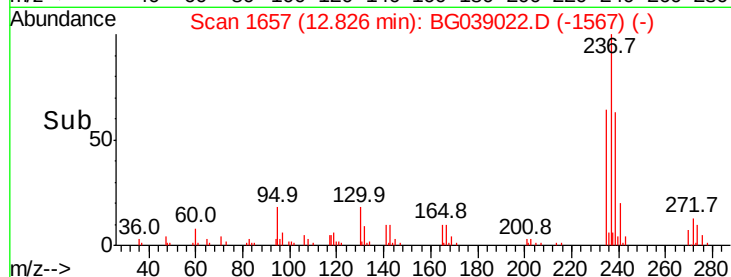
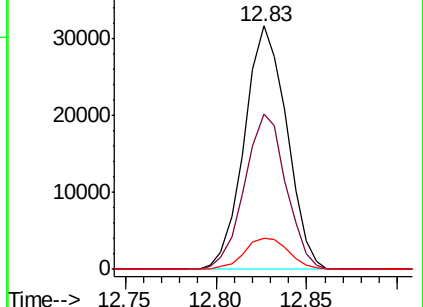
272 12.7 0.0 32.1



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: 77.405 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

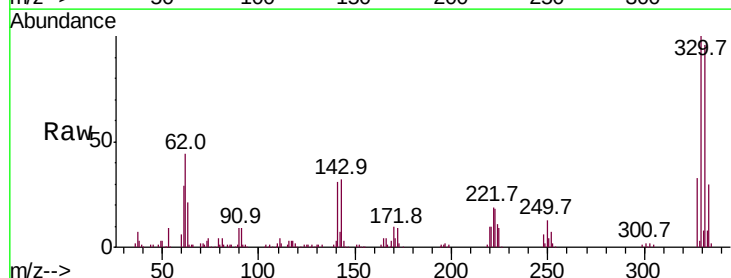
Tgt Ion:330 Resp: 96582

Ion Ratio Lower Upper

330 100

332 96.1 75.7 113.5

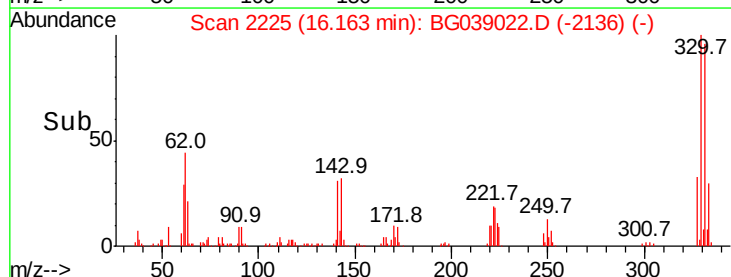
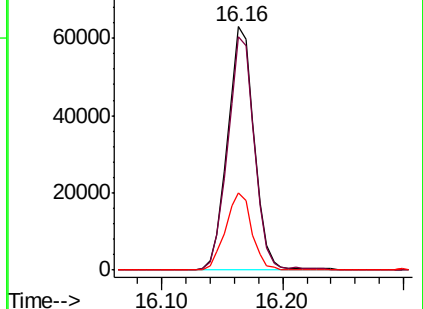
141 31.3 24.9 37.3

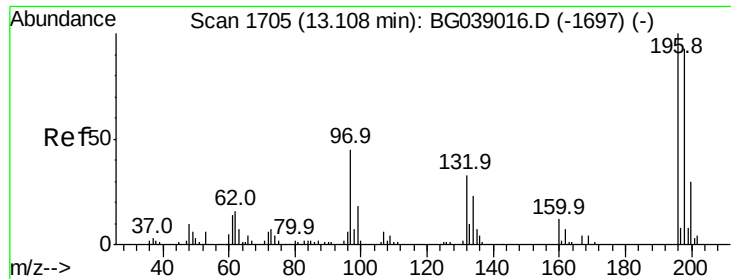


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

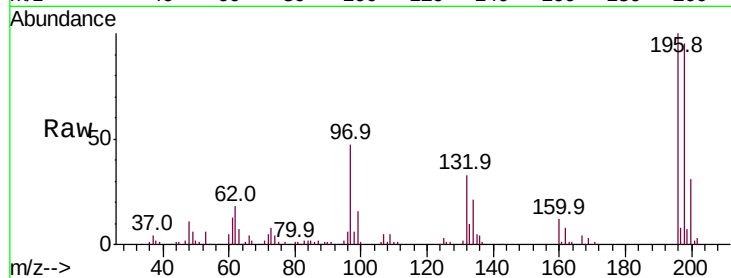




#43
 2,4,6-Trichlorophenol
 Concen: 39.553 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	69590
Ion Ratio	Lower	Upper	
196	100		
198	95.0	74.5	111.7
200	31.0	23.8	35.6

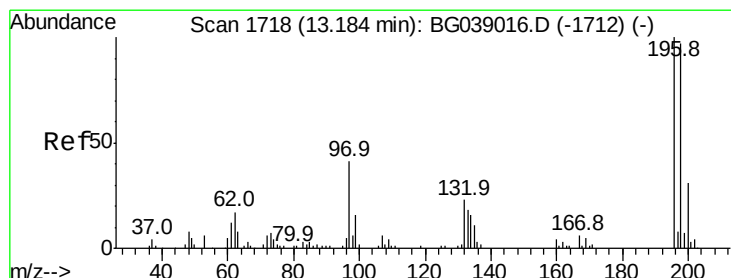
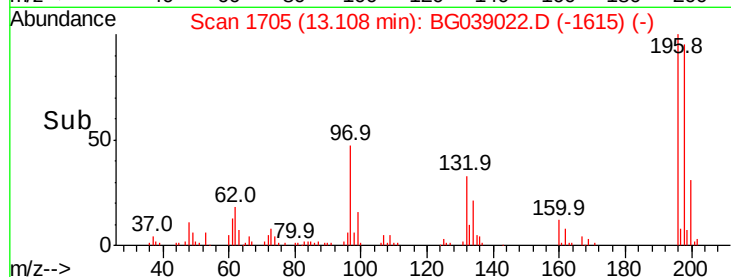
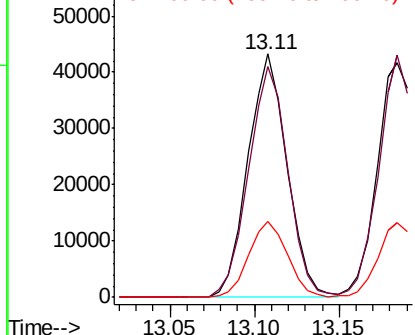


Abundance

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: 38.936 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

Tgt Ion	196	Resp	72404
Ion Ratio	Lower	Upper	
196	100		
198	103.2	78.1	117.1
97	41.8	33.2	49.8
132	21.9	18.2	27.4

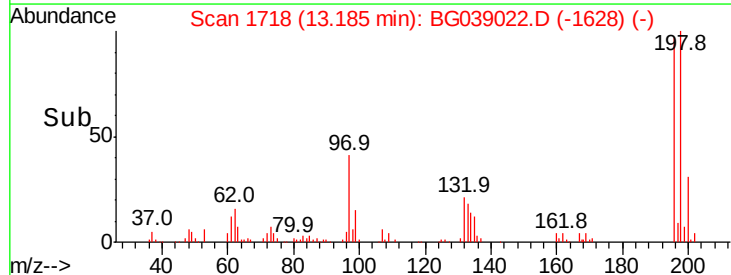
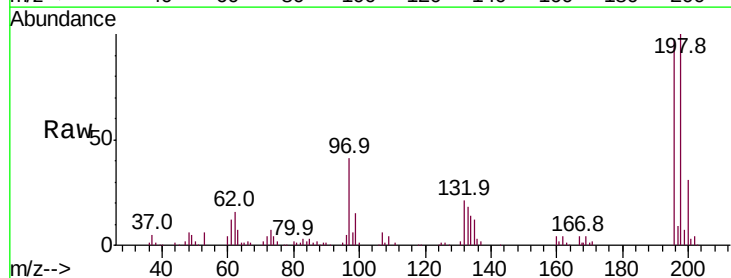
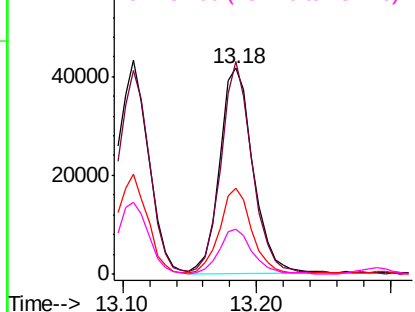
Abundance

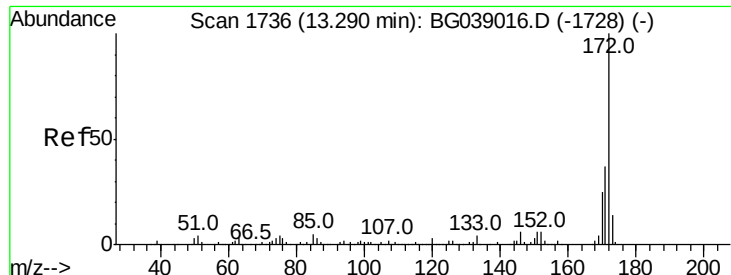
Ion 196.00 (195.70 to 196.70): E

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

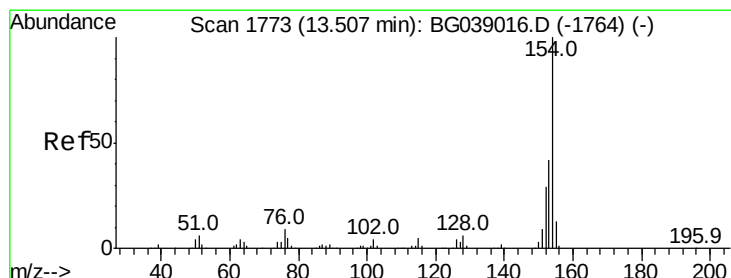
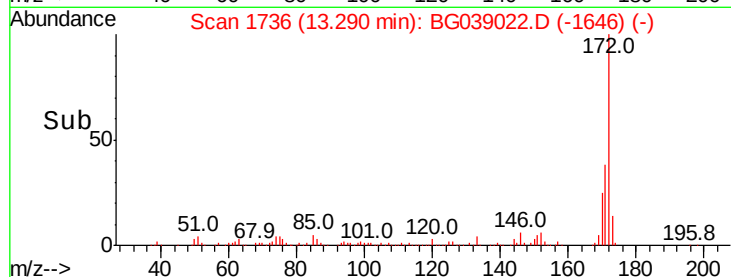
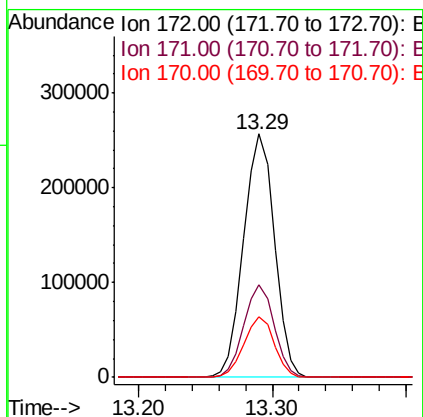
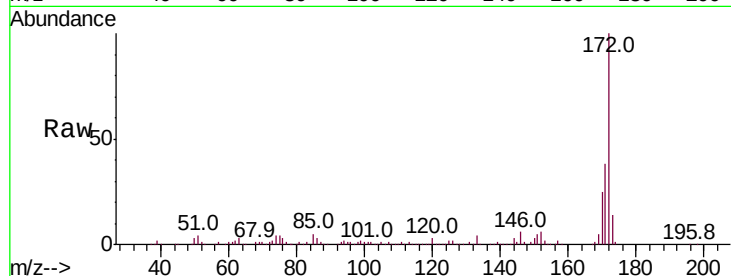




#45
2-Fluorobiphenyl
Concen: 75.311 ng
RT: 13.29 min Scan# 1736
Delta R.T. 0.00 min
Lab File: BG039022.D
Acq: 9 Jan 2019 15:54

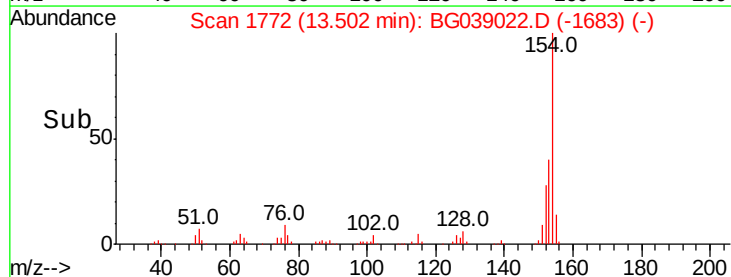
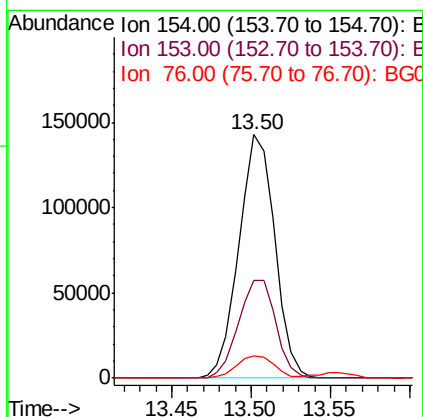
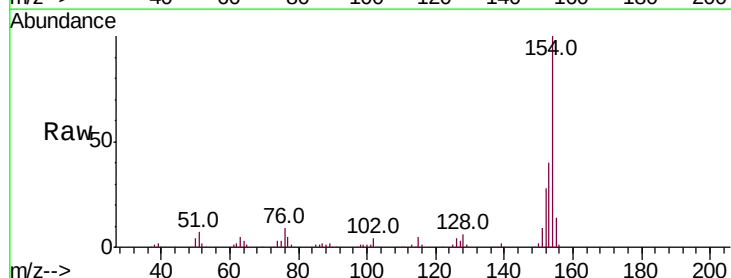
Instrument :
BNA_G
ClientSampleId :

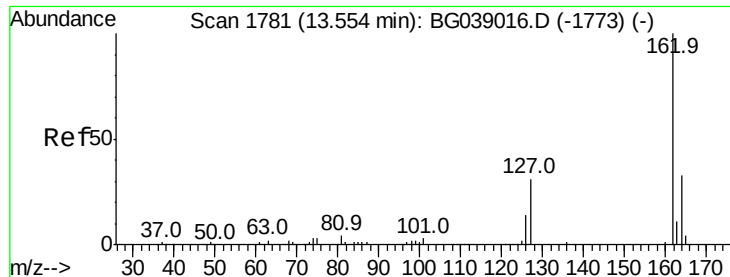
Tot Ion:172 Resp: 409615
Ion Ratio Lower Upper
172 100
171 38.1 29.4 44.0
170 24.9 20.1 30.1



#46
1,1'-Biphenyl
Concen: 38.065 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG039022.D
Acq: 9 Jan 2019 15:54

Tgt Ion:154 Resp: 224512
Ion Ratio Lower Upper
154 100
153 40.2 22.4 62.4
76 9.0 0.0 29.4

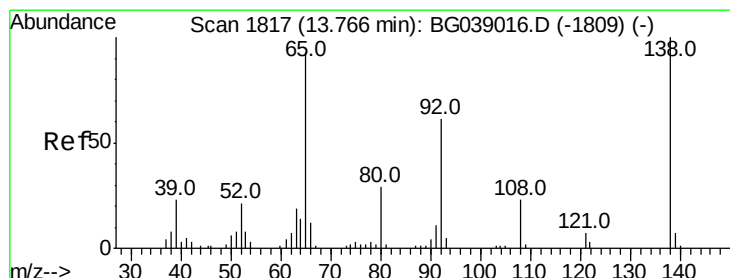
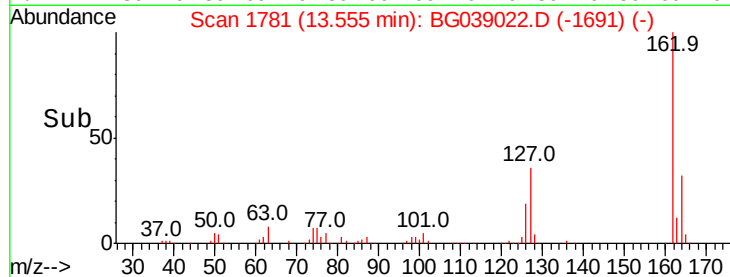
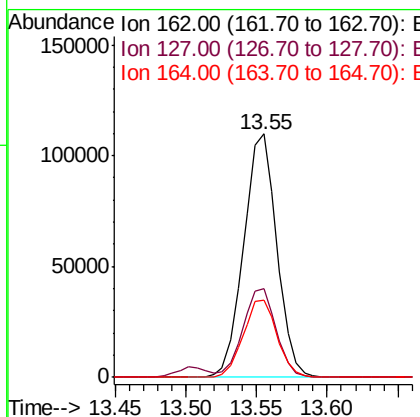
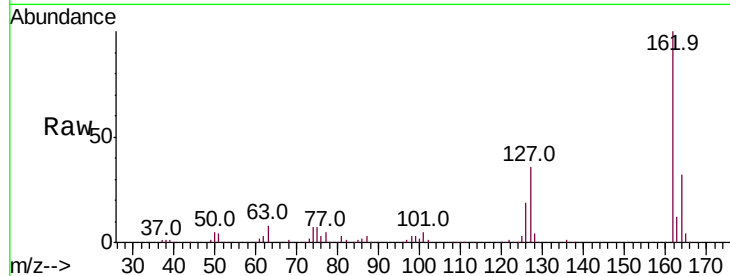




#47
 2-Chloronaphthalene
 Concen: 37.830 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

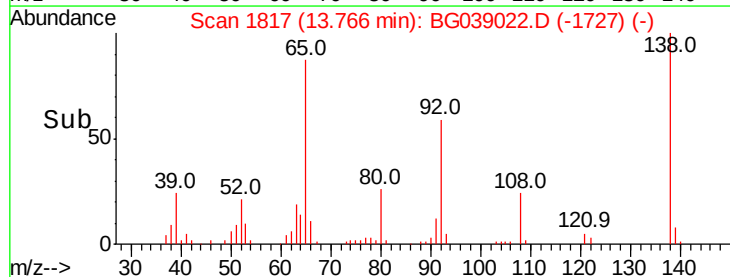
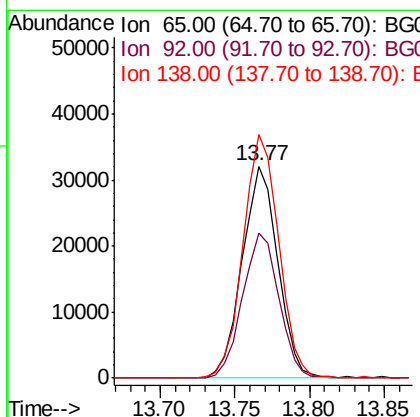
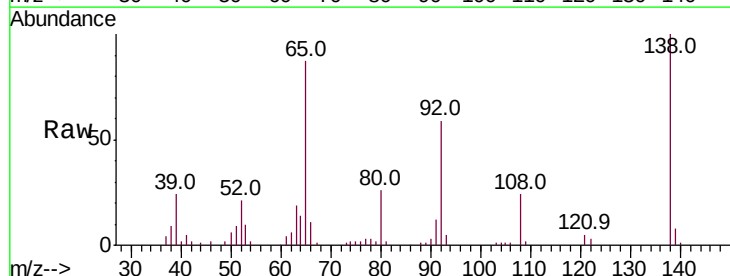
Instrument :
 BNA_G
 ClientSampled :

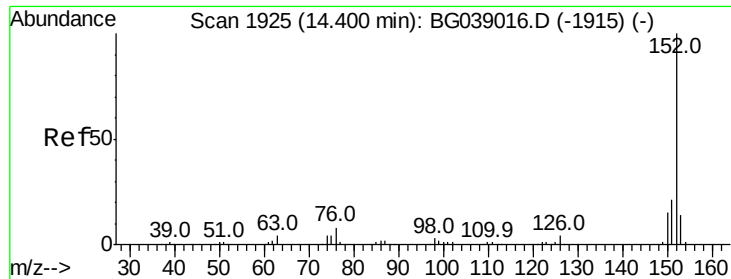
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.4	28.4	42.6
164	31.8	26.3	39.5



#48
 2-Nitroaniline
 Concen: 39.472 ng
 RT: 13.77 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.2	52.2	78.4
138	114.9	86.0	129.0





#49

Acenaphthylene

Concen: 38.267 ng

RT: 14.40 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

Instrument :

BNA_G

ClientSampleId :

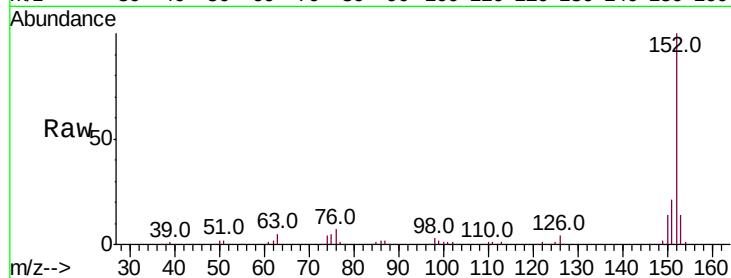
Tot Ion:152 Resp: 274530

Ion Ratio Lower Upper

152 100

151 20.9 17.0 25.4

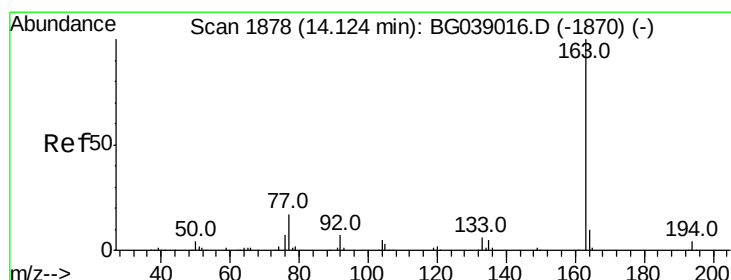
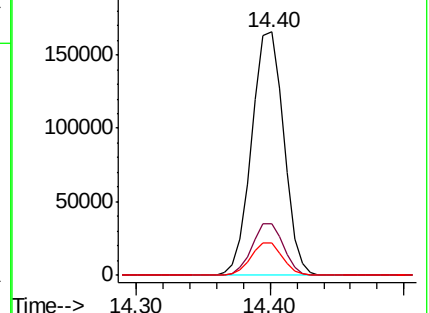
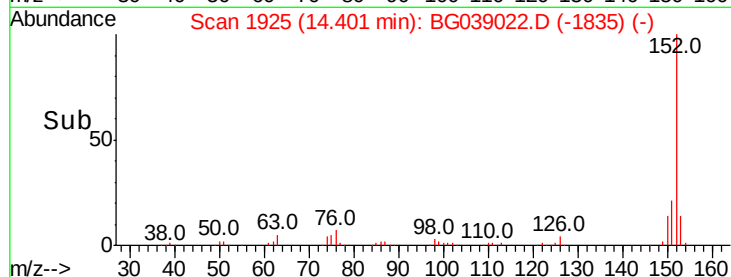
153 13.5 11.2 16.8



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: 38.346 ng

RT: 14.12 min Scan# 1878

Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

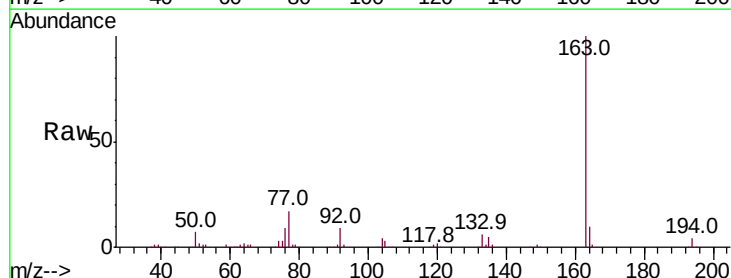
Tgt Ion:163 Resp: 241205

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

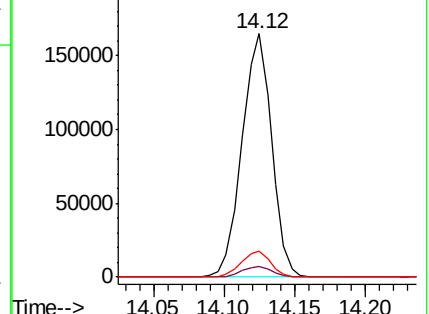
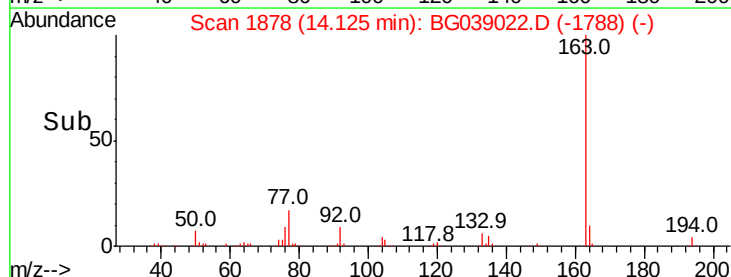
164 10.4 8.2 12.2

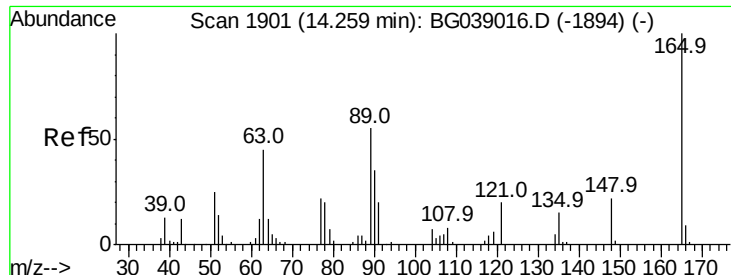


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.622 ng

RT: 14.26 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

Instrument :

BNA_G

ClientSampled :

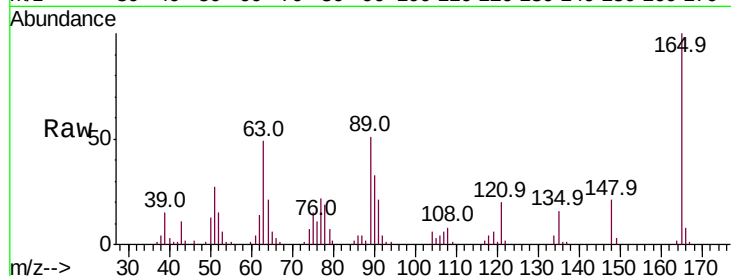
Tot Ion:165 Resp: 55721

Ion Ratio Lower Upper

165 100

63 49.3 43.6 65.4

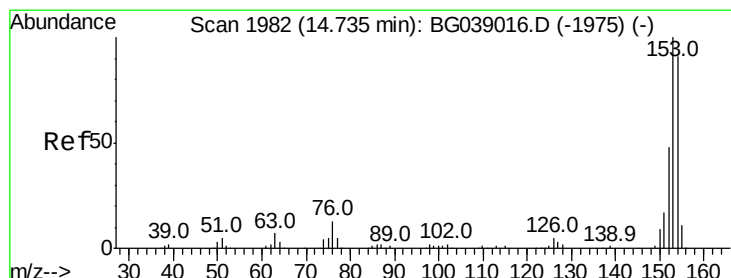
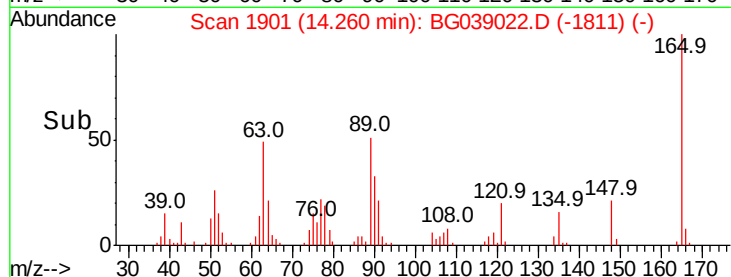
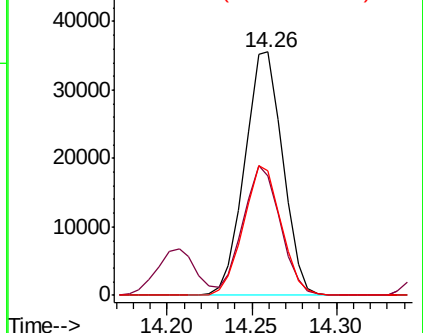
89 50.9 43.7 65.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG039022.D (-1892) (-)

Ion 89.00 (88.70 to 89.70): BG039022.D (-1892) (-)



#52

Acenaphthene

Concen: 37.911 ng

RT: 14.74 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

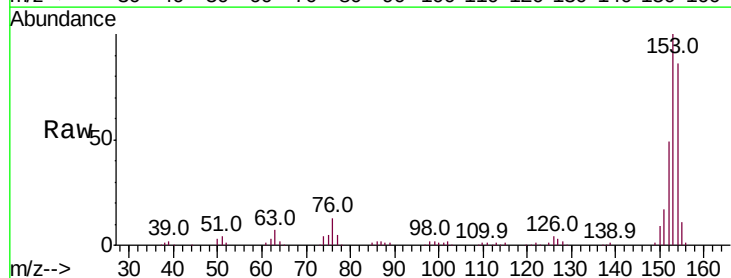
Tgt Ion:154 Resp: 163408

Ion Ratio Lower Upper

154 100

153 115.8 87.9 131.9

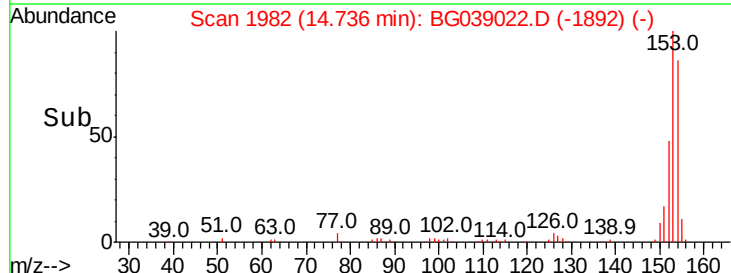
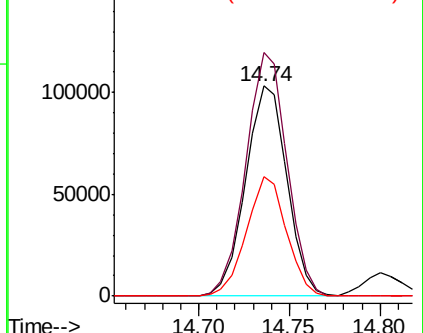
152 56.7 42.2 63.2

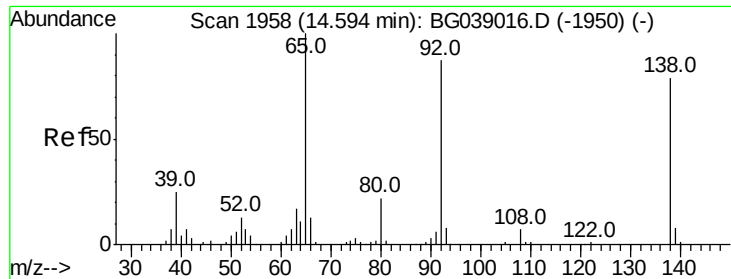


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

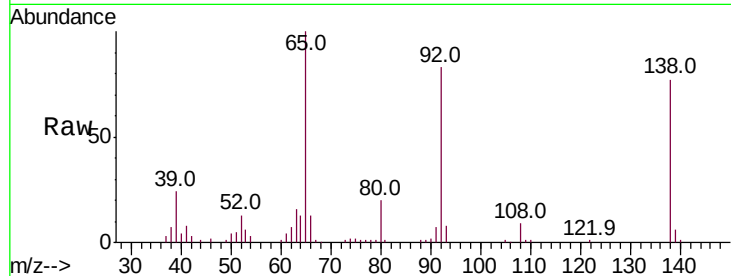




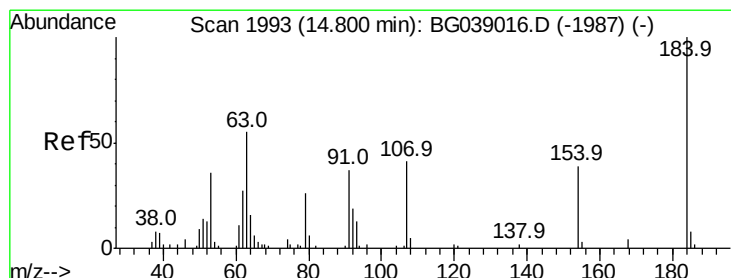
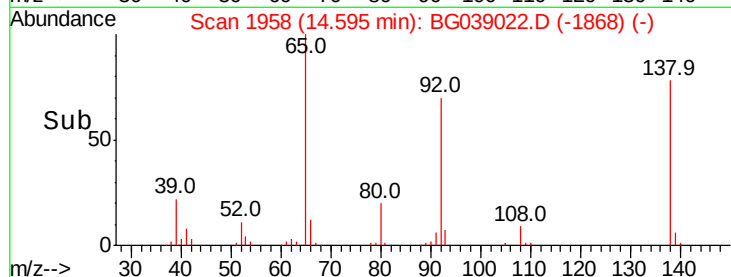
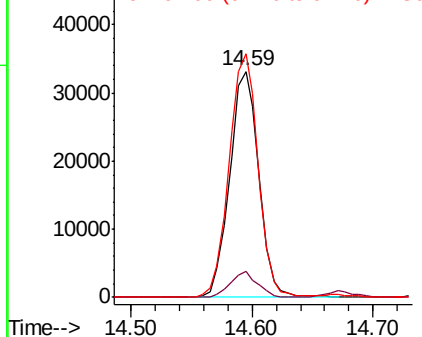
#53
 3-Nitroaniline
 Concen: 38.937 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:138 Resp: 55549
 Ion Ratio Lower Upper
 138 100
 108 11.6 7.4 11.0#
 92 107.6 88.2 132.4

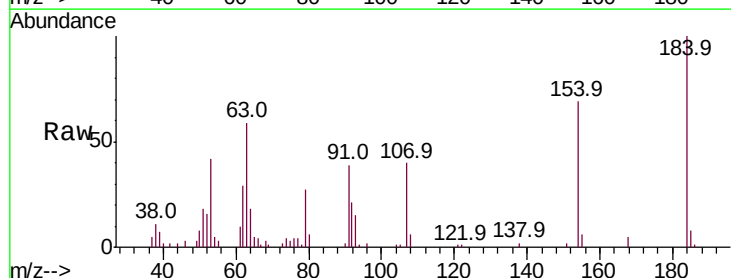


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

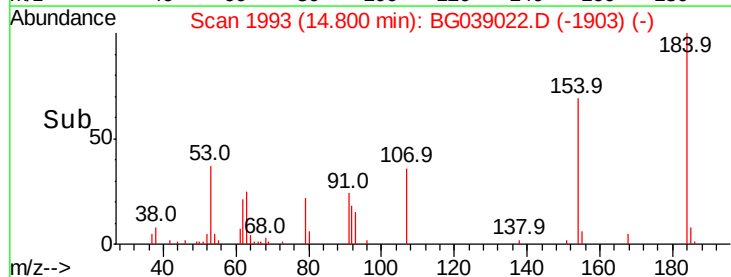
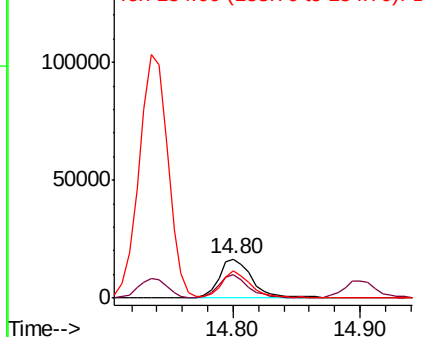


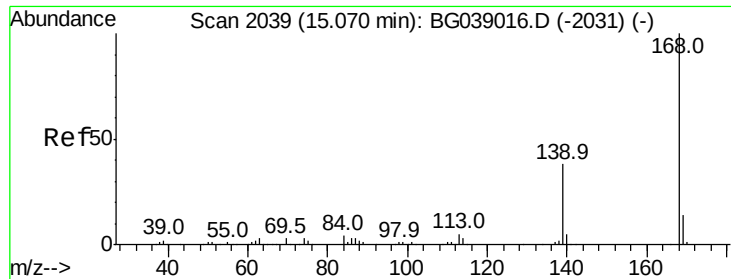
#54
 2,4-Dinitrophenol
 Concen: 38.892 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

Tgt Ion:184 Resp: 30205
 Ion Ratio Lower Upper
 184 100
 63 59.2 44.0 66.0
 154 68.9 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

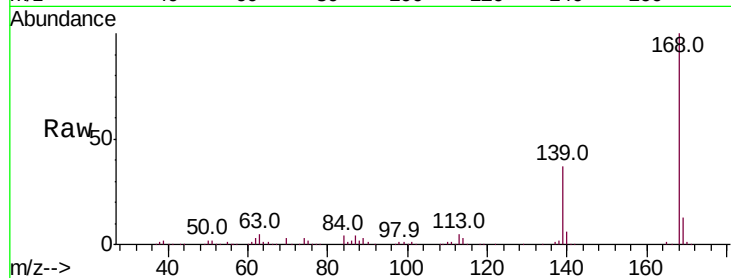




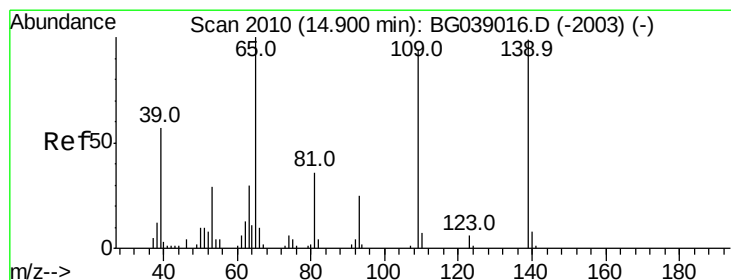
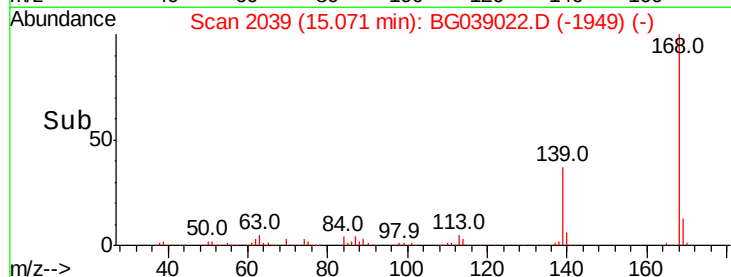
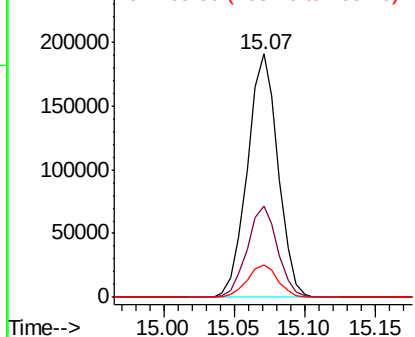
#55
Dibenzenofuran
Concen: 38.131 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG039022.D
Acq: 9 Jan 2019 15:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 290278
Ion Ratio Lower Upper
168 100
139 37.5 30.1 45.1
169 13.1 10.9 16.3

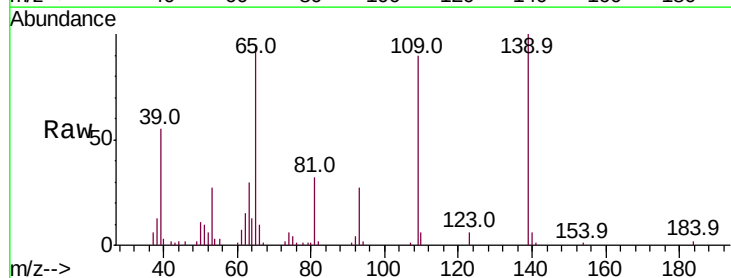


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

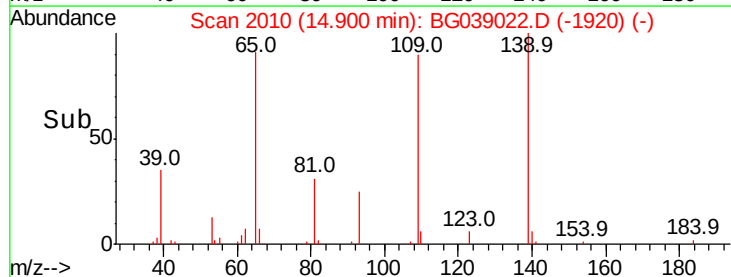
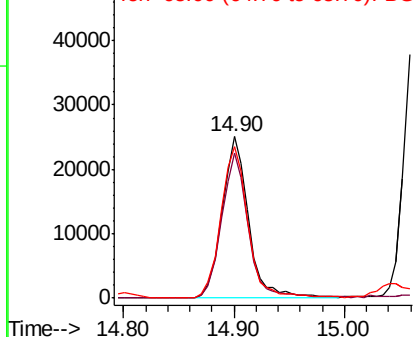


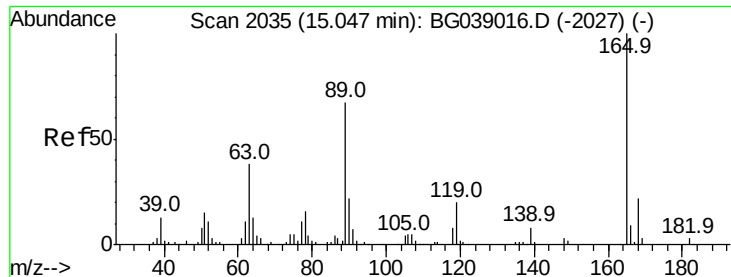
#56
4-Nitrophenol
Concen: 40.879 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG039022.D
Acq: 9 Jan 2019 15:54

Tgt Ion:139 Resp: 41962
Ion Ratio Lower Upper
139 100
109 89.7 75.6 115.6
65 93.9 81.2 121.2



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





#57

2,4-Dinitrotoluene

Concen: 38.648 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 77976

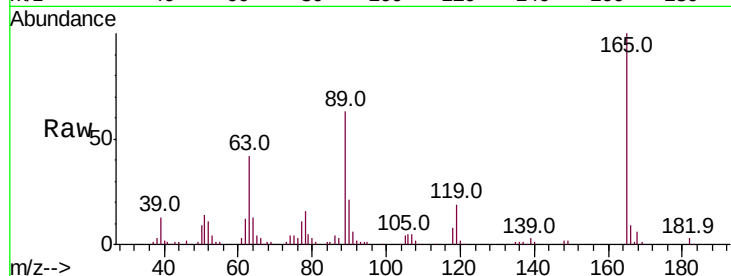
Ion Ratio Lower Upper

165 100

63 42.1 30.2 45.4

89 62.6 53.2 79.8

182 2.7 2.7 4.1

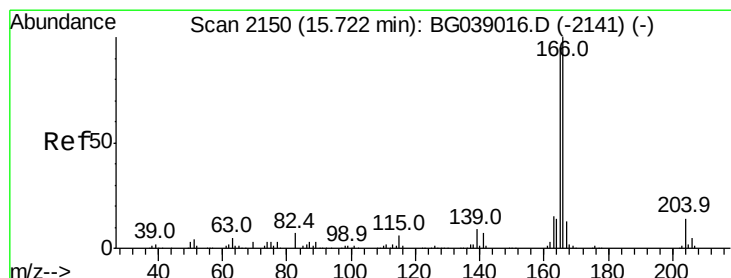
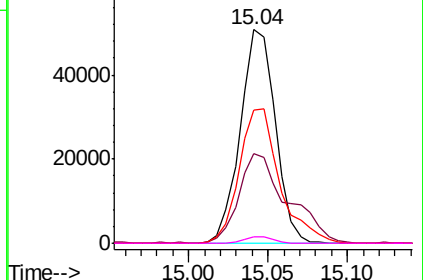
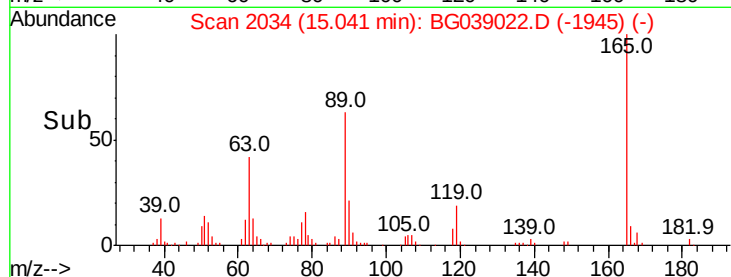


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 38.042 ng

RT: 15.72 min Scan# 2149

Delta R.T. -0.01 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

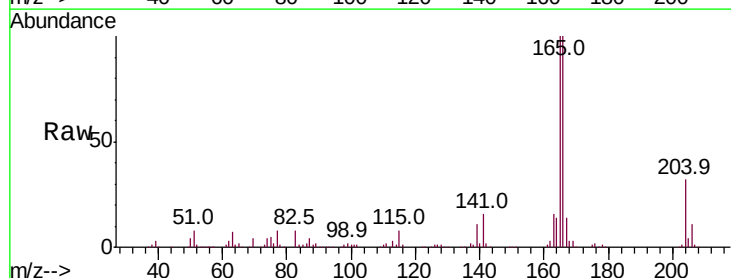
Tgt Ion:166 Resp: 217985

Ion Ratio Lower Upper

166 100

165 100.4 76.2 114.2

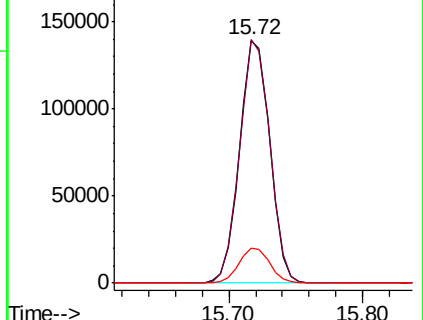
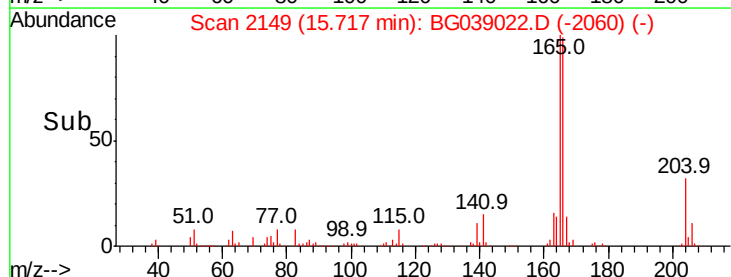
167 14.5 10.6 16.0

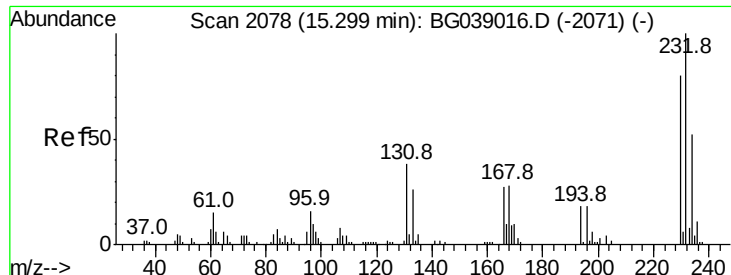


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

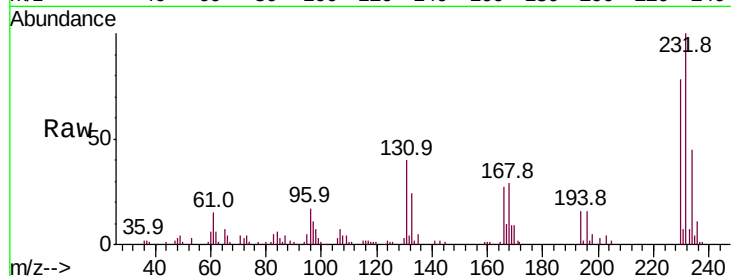




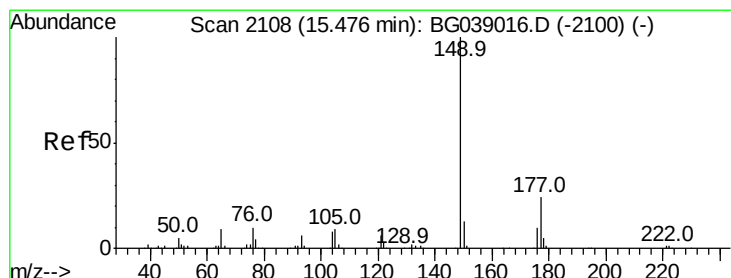
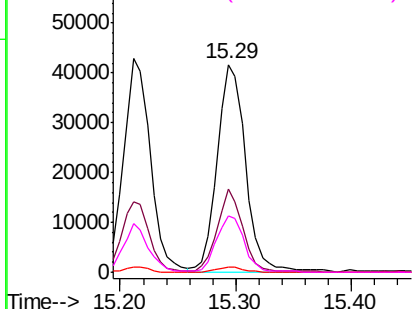
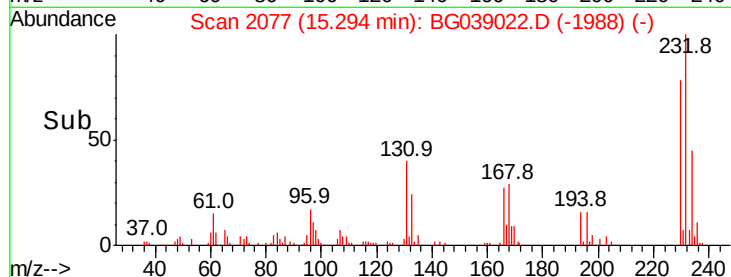
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.642 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 71341
 Ion Ratio Lower Upper
 232 100
 131 36.5 30.9 46.3
 130 2.1 1.9 2.9
 166 26.7 22.1 33.1

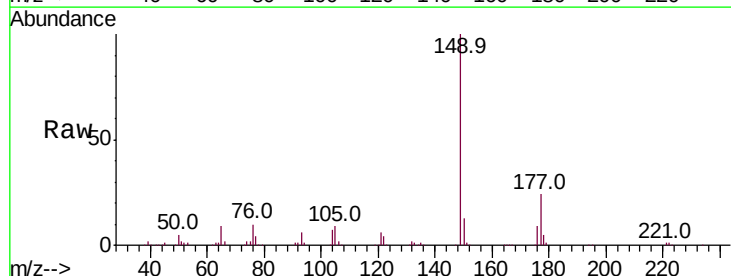


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

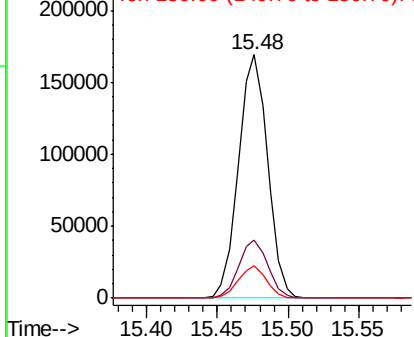
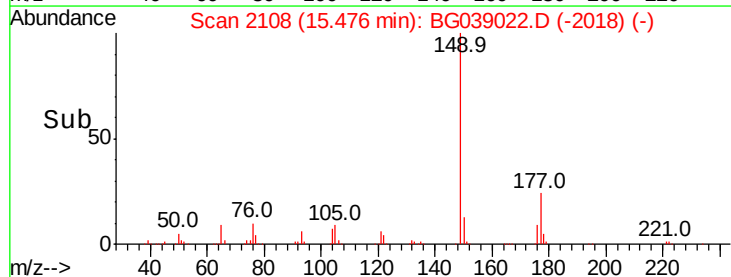


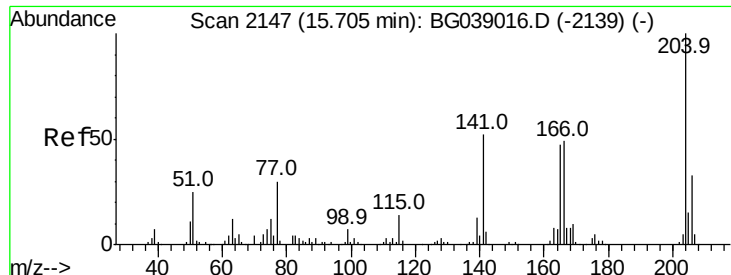
#60
 Diethylphthalate
 Concen: 37.656 ng
 RT: 15.48 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

Tgt Ion:149 Resp: 244045
 Ion Ratio Lower Upper
 149 100
 177 24.0 19.0 28.6
 150 13.3 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

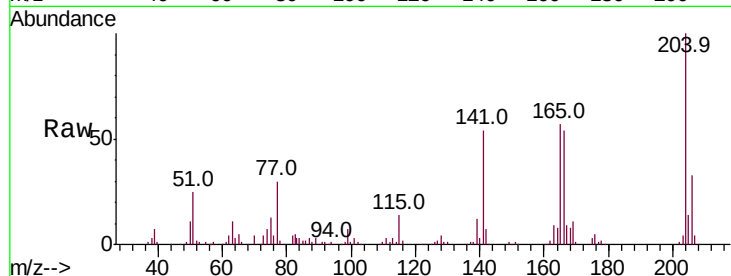




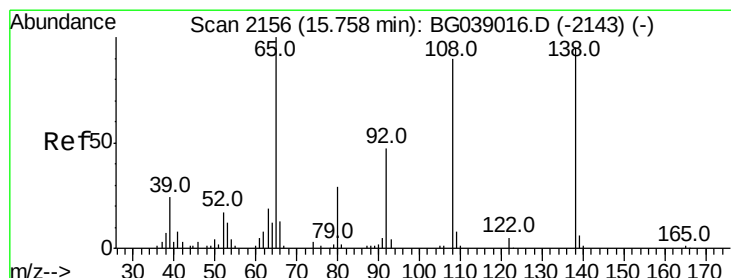
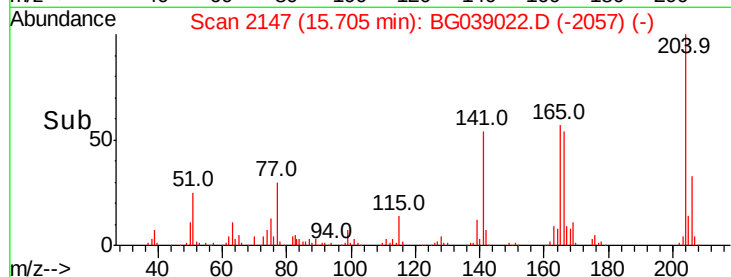
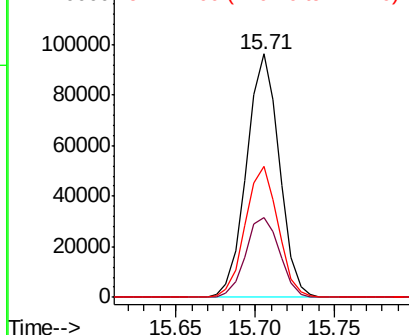
#61
4-Chlorophenyl-phenylether
Concen: 38.260 ng
RT: 15.71 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG039022.D
Acq: 9 Jan 2019 15:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 138118
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 53.6 41.4 62.0

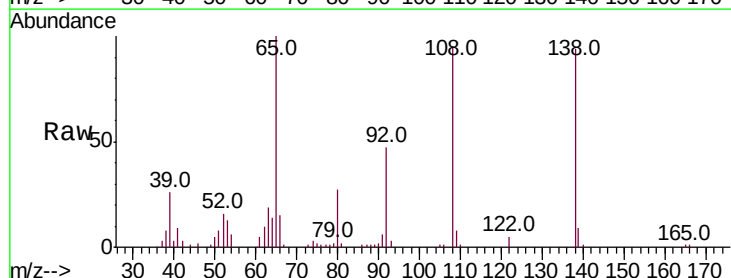


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

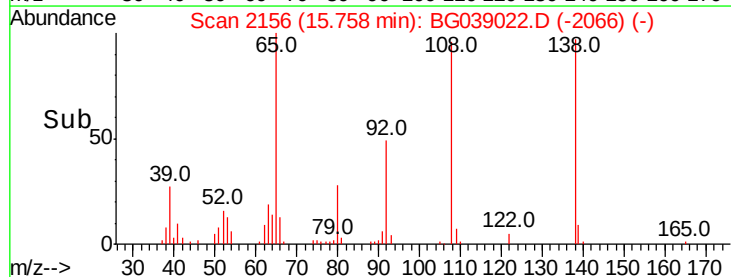
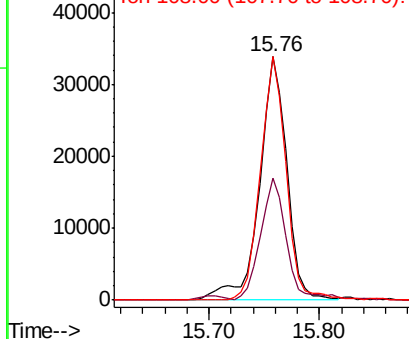


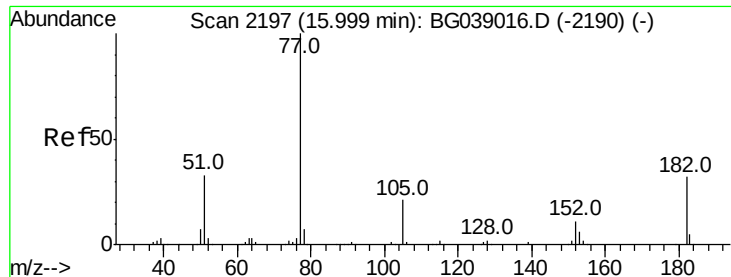
#62
4-Nitroaniline
Concen: 39.499 ng
RT: 15.76 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BG039022.D
Acq: 9 Jan 2019 15:54

Tgt Ion:138 Resp: 58703
Ion Ratio Lower Upper
138 100
92 50.2 29.7 69.7
108 100.2 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: 37.726 ng

RT: 16.00 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 191203

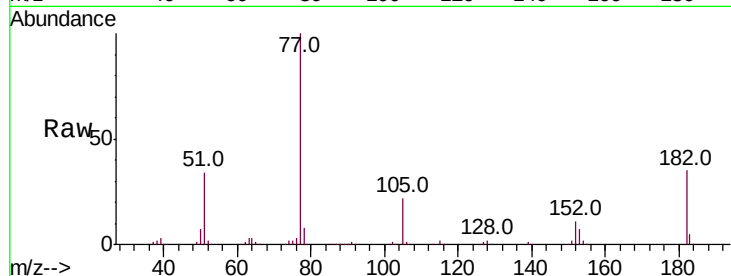
Ion Ratio Lower Upper

77 100

182 35.0 12.2 52.2

105 21.8 1.2 41.2

51 34.3 13.4 53.4

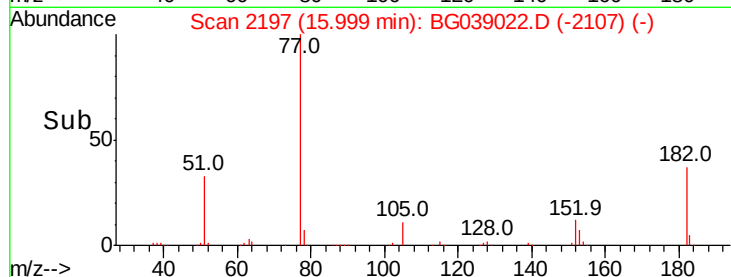


Abundance Ion 77.00 (76.70 to 77.70): BGC

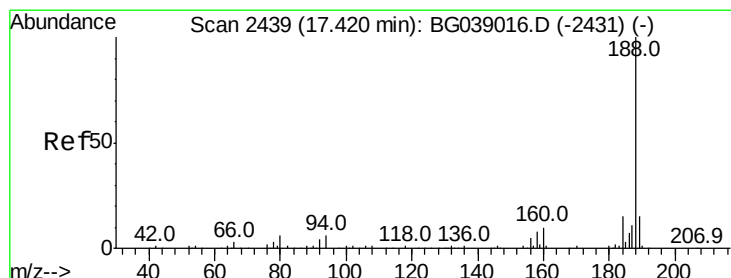
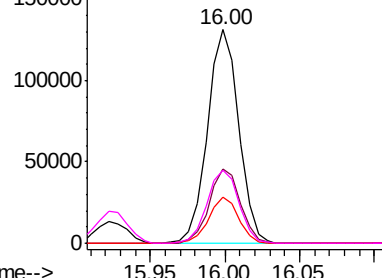
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

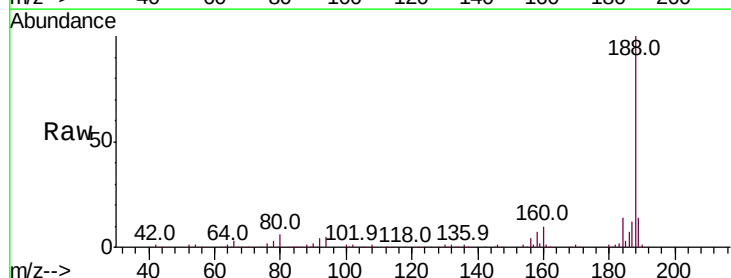
Tgt Ion: 188 Resp: 196551

Ion Ratio Lower Upper

188 100

94 5.5 5.0 7.4

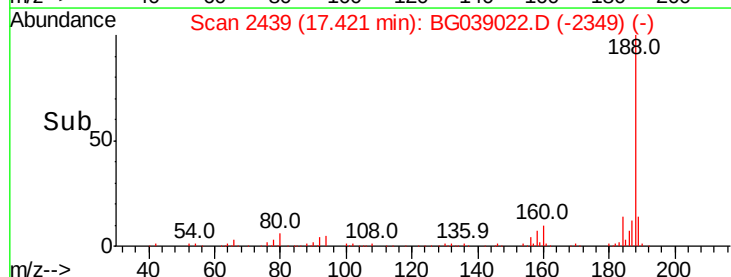
80 6.2 4.7 7.1



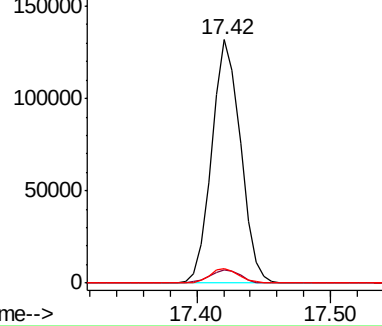
Abundance Ion 188.00 (187.70 to 188.70): BGC

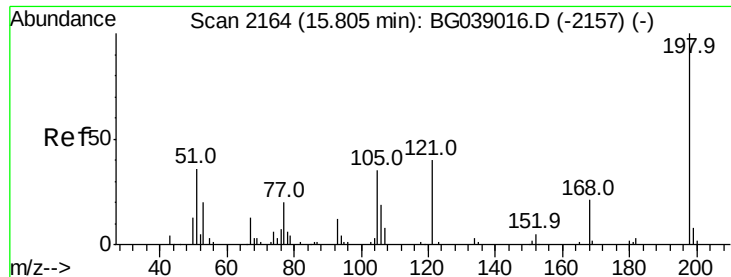
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->

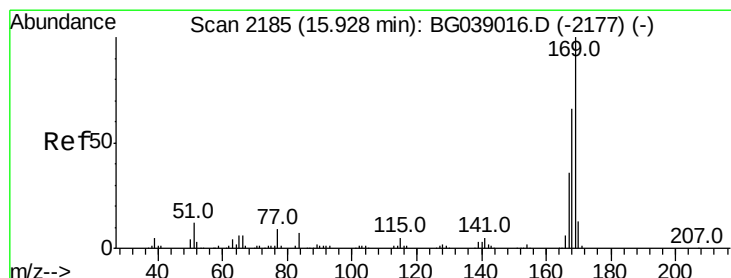
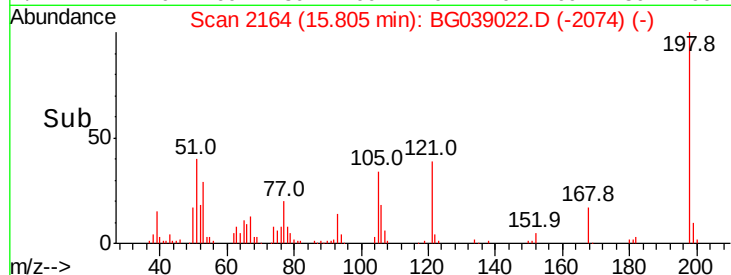
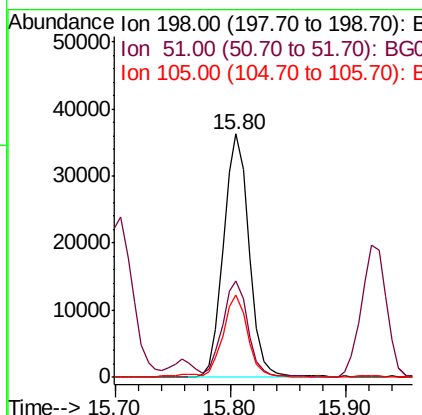
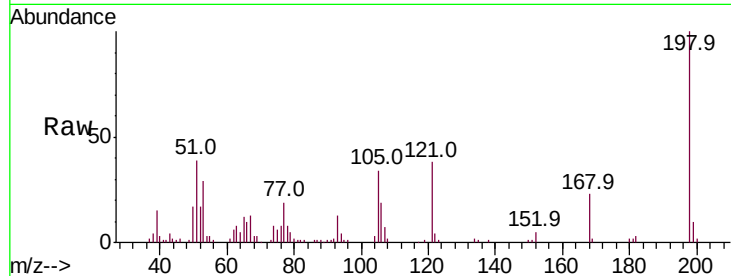




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.126 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

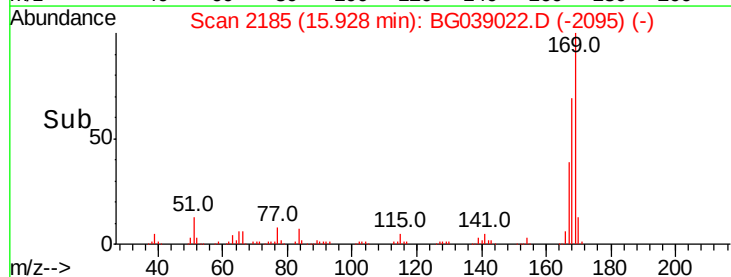
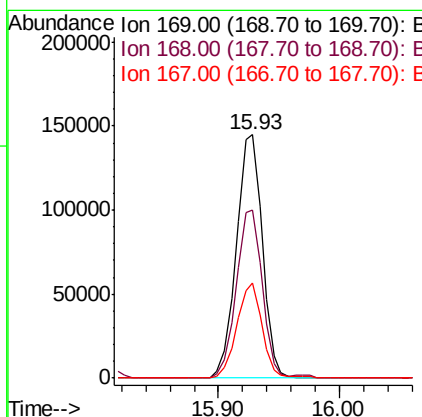
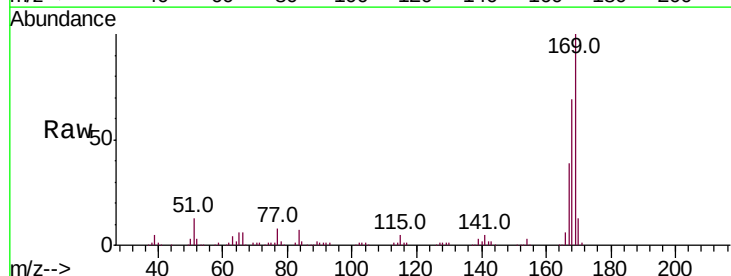
Instrument :
 BNA_G
 ClientSampleId :

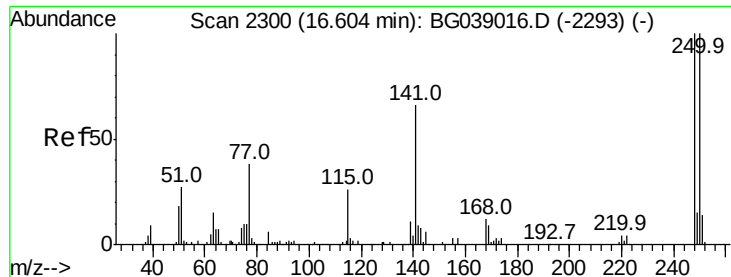
Tot Ion	Ratio	Lower	Upper
198	100		
51	39.4	20.8	60.8
105	34.0	16.1	56.1



#66
 n-Nitrosodiphenylamine
 Concen: 37.281 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.9	53.2	79.8
167	38.9	29.1	43.7

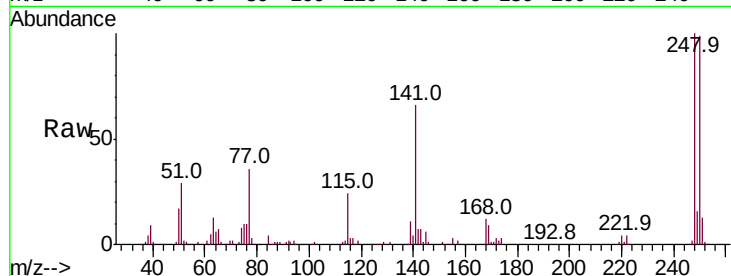




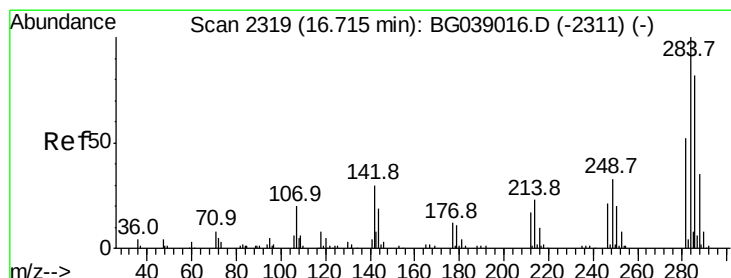
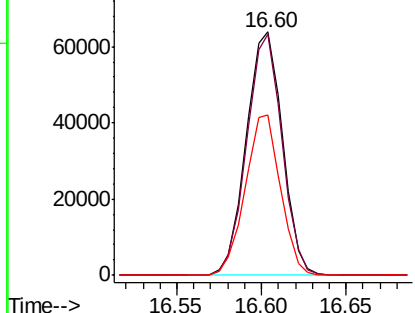
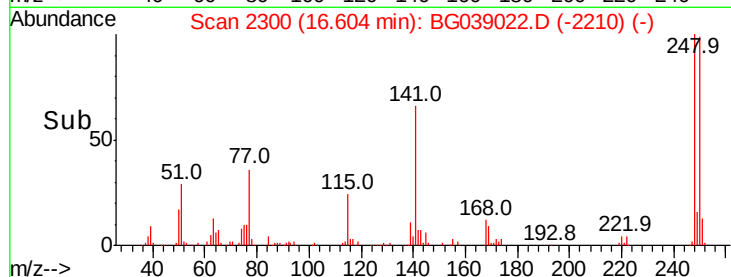
#67
 4-Bromophenyl-phenylether
 Concen: 37.603 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 95008
 Ion Ratio Lower Upper
 248 100
 250 99.2 79.9 119.9
 141 65.7 52.7 79.1

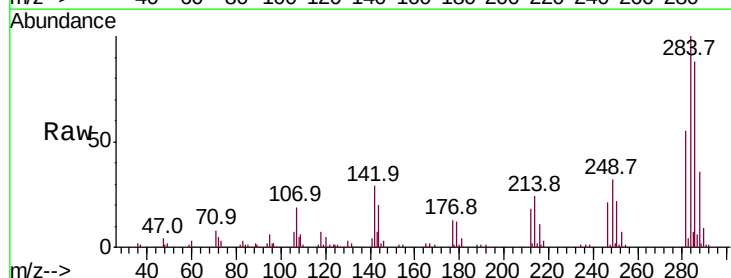


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

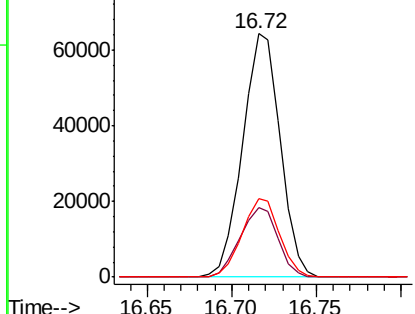
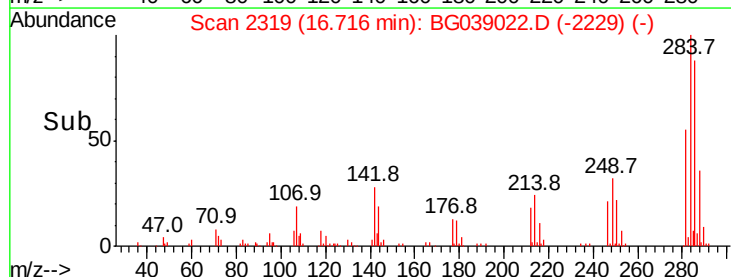


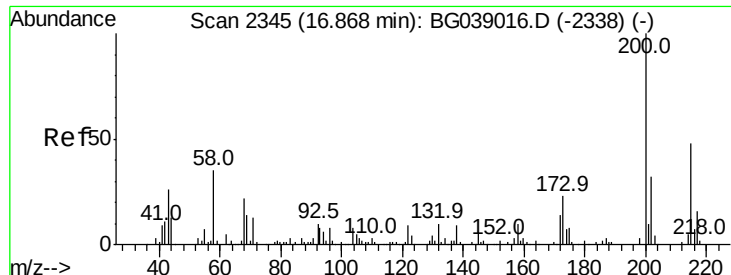
#68
 Hexachlorobenzene
 Concen: 36.223 ng
 RT: 16.72 min Scan# 2319
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

Tgt Ion:284 Resp: 99866
 Ion Ratio Lower Upper
 284 100
 142 28.5 24.3 36.5
 249 34.2 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

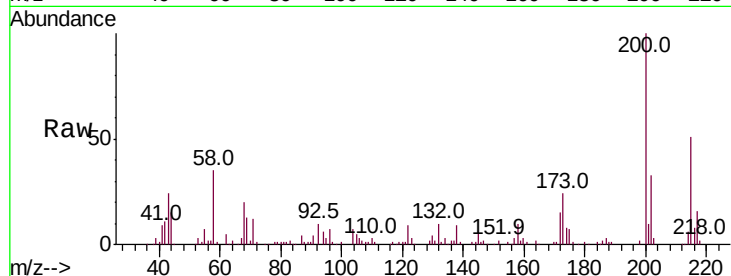




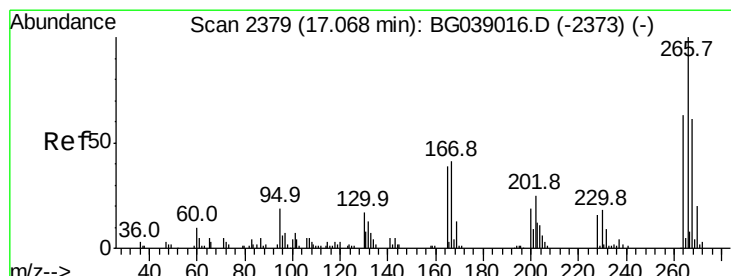
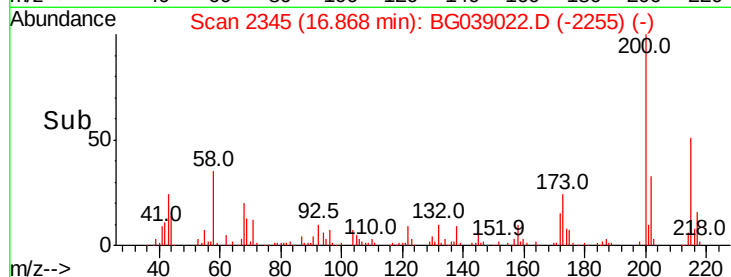
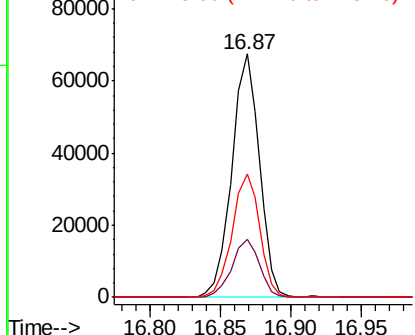
#69
Atrazine
Concen: 37.170 ng
RT: 16.87 min Scan# 2345
Delta R.T. 0.00 min
Lab File: BG039022.D
Acq: 9 Jan 2019 15:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:200 Resp: 92008
Ion Ratio Lower Upper
200 100
173 23.6 2.6 42.6
215 50.6 28.0 68.0

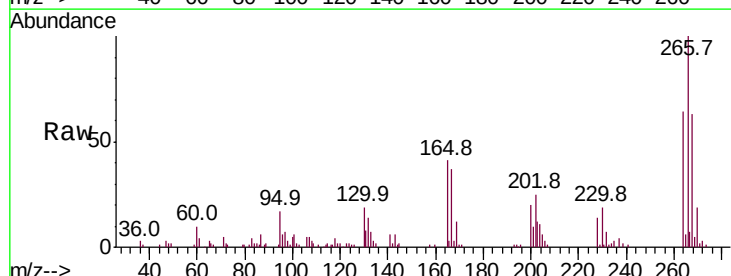


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

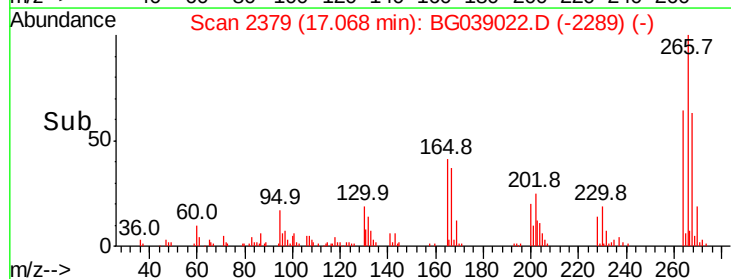
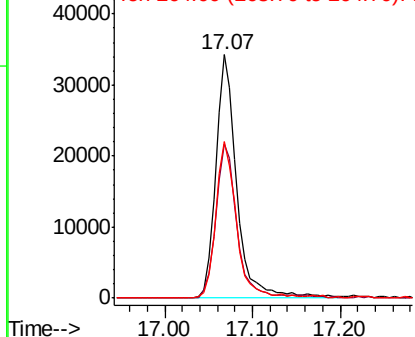


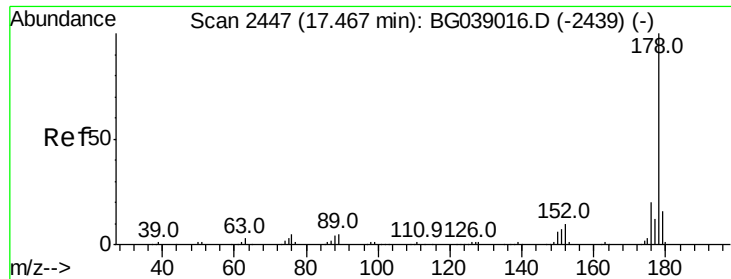
#70
Pentachlorophenol
Concen: 36.869 ng
RT: 17.07 min Scan# 2379
Delta R.T. 0.00 min
Lab File: BG039022.D
Acq: 9 Jan 2019 15:54

Tgt Ion:266 Resp: 57060
Ion Ratio Lower Upper
266 100
268 68.2 52.0 78.0
264 70.0 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

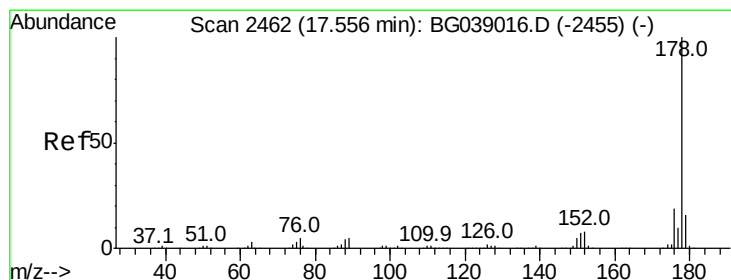
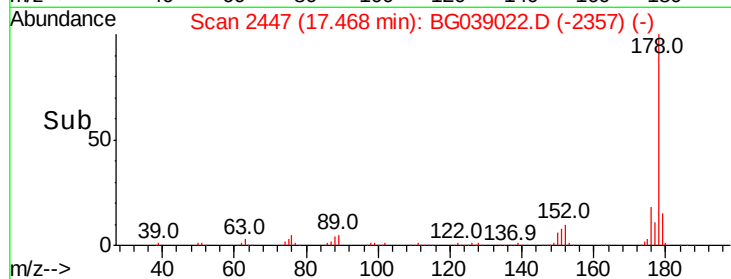
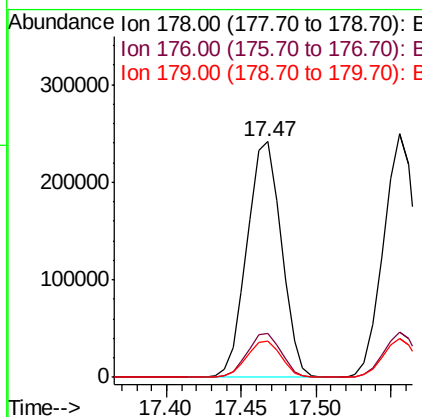
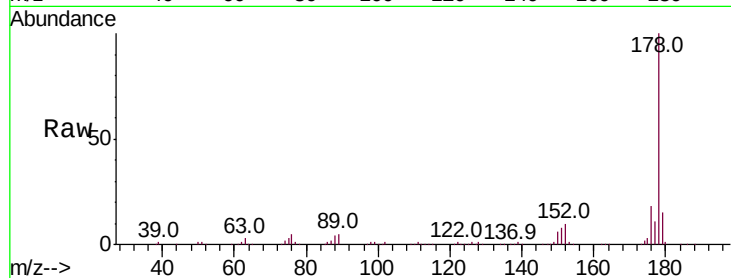




#71
 Phenanthrene
 Concen: 37.044 ng
 RT: 17.47 min Scan# 2447
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

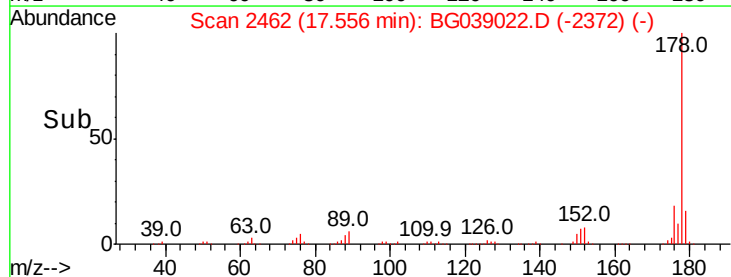
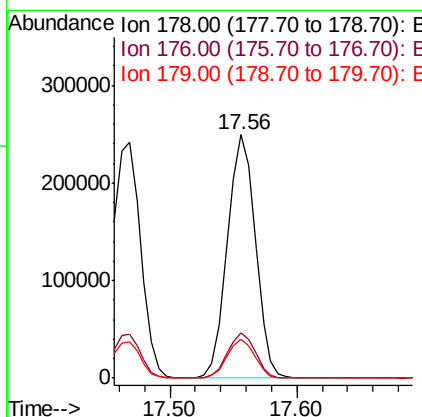
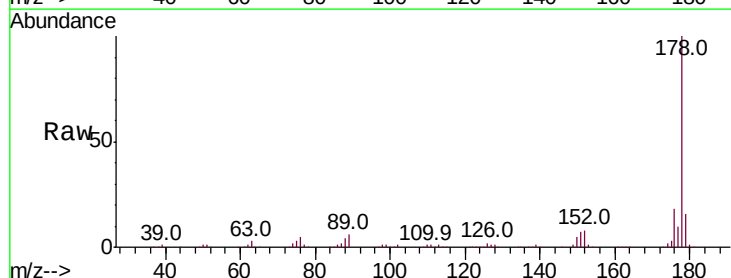
Instrument :
 BNA_G
 ClientSampleId :

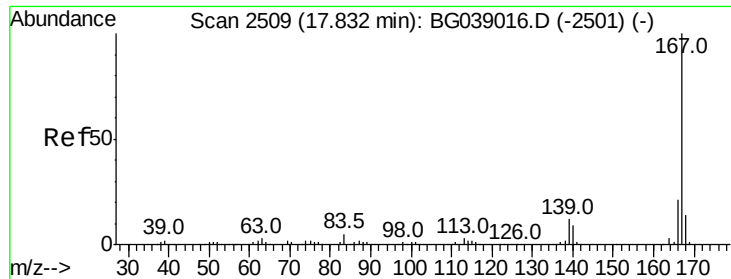
Tot Ion:178 Resp: 384855
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.7 23.5
 179 15.5 12.9 19.3



#72
 Anthracene
 Concen: 37.026 ng
 RT: 17.56 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

Tgt Ion:178 Resp: 380334
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.9 22.3
 179 15.8 13.0 19.4

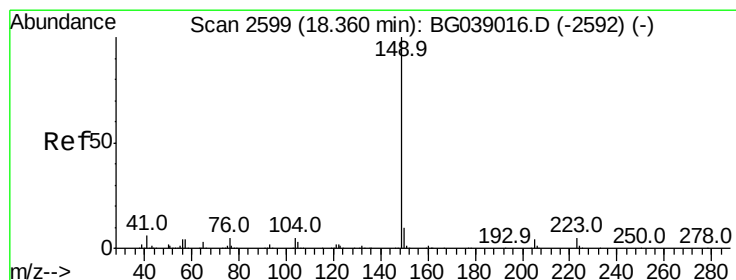
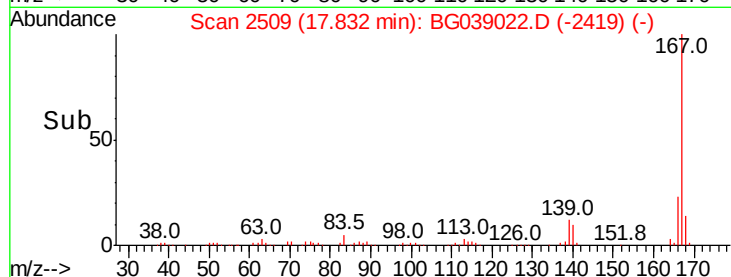
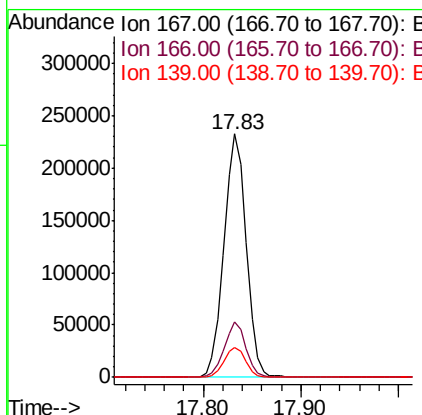
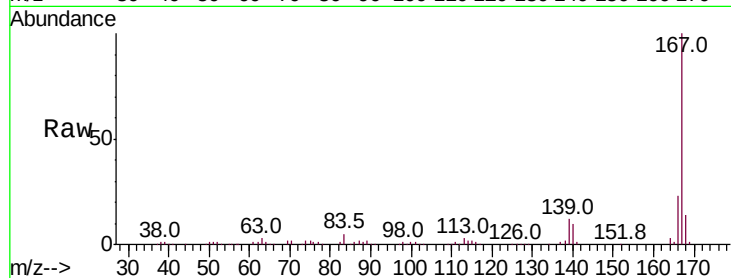




#73
 Carbazole
 Concen: 36.332 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

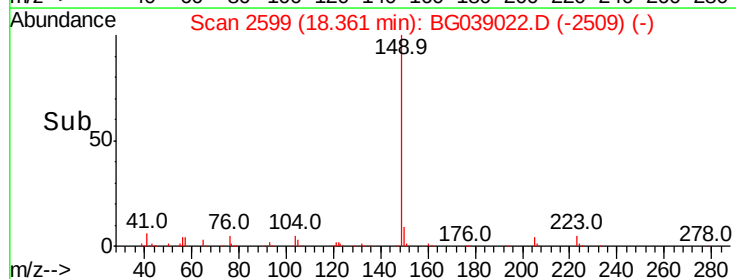
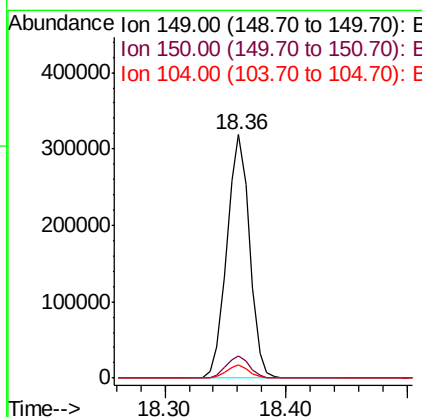
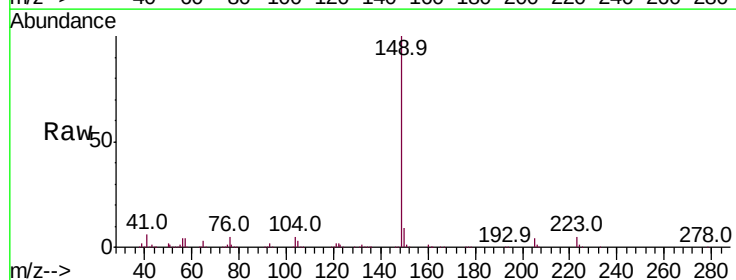
Instrument :
 BNA_G
 ClientSampleId :

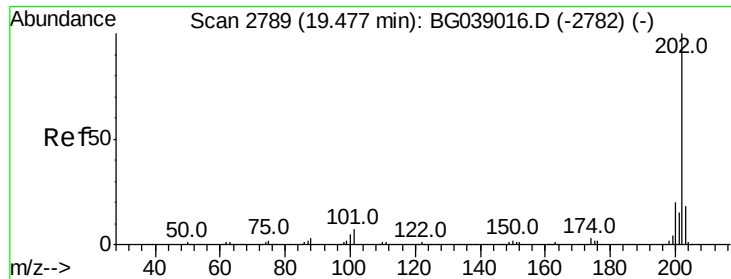
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	16.9	25.3
139	12.1	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 36.690 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.9	11.9
104	5.4	4.2	6.2

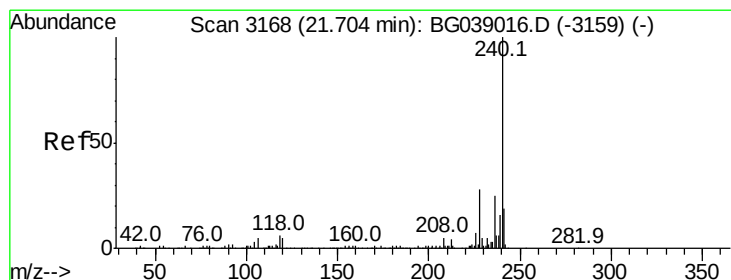
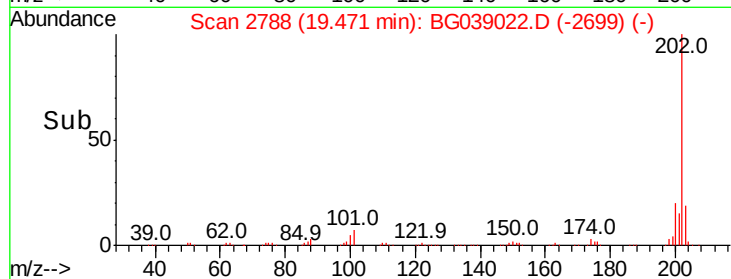
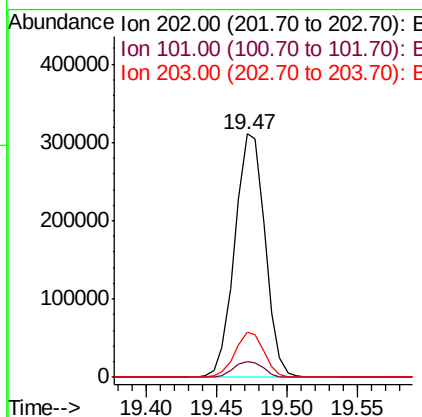
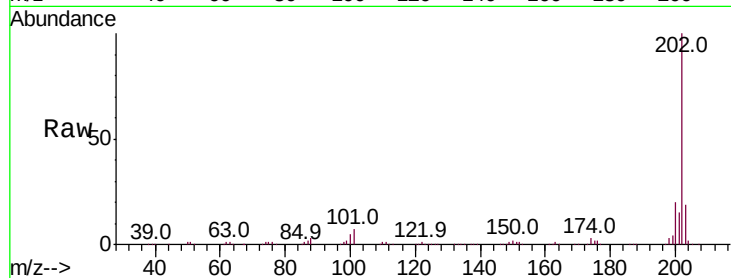




#75
 Fluoranthene
 Concen: 36.018 ng
 RT: 19.47 min Scan# 2788
 Delta R.T. -0.01 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

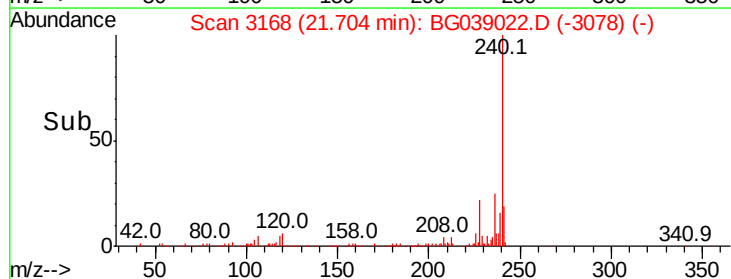
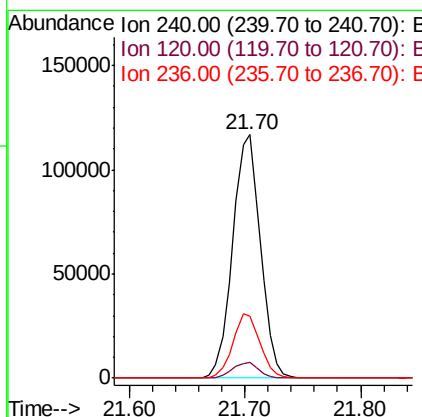
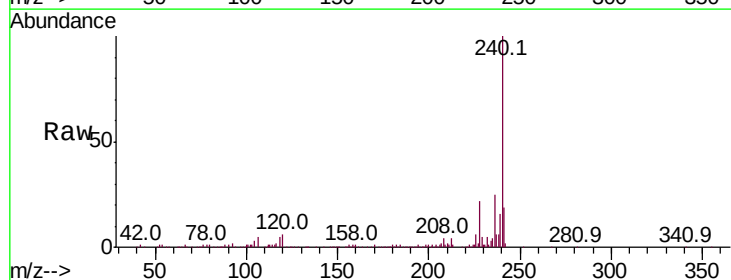
Instrument :
 BNA_G
 ClientSampleId :

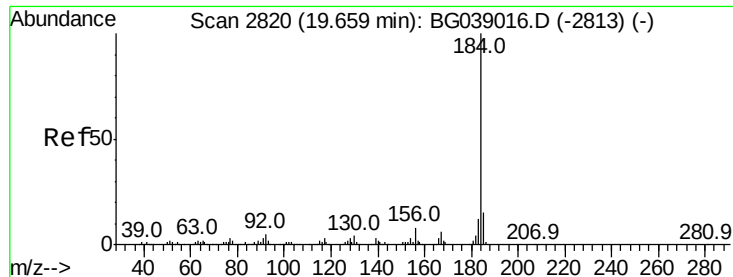
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	26.9
203	18.5	0.0	38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	4.3	6.5
236	25.5	20.1	30.1





#77

Benzidine

Concen: 39.424 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

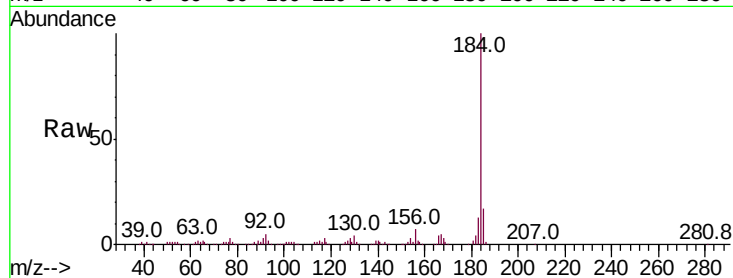
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 234334

Ion	Ratio	Lower	Upper
184	100		
185	17.1	12.1	18.1
183	12.8	9.5	14.3

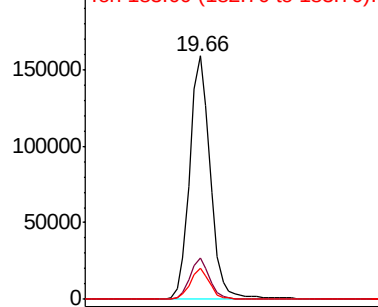


Abundance

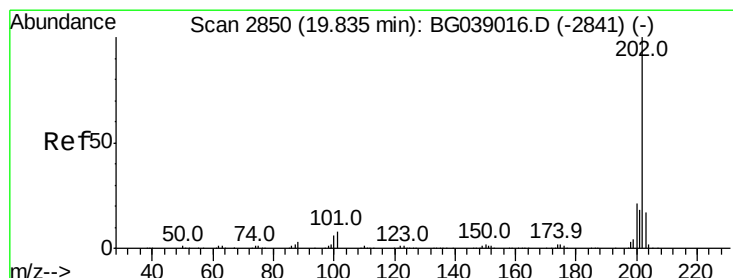
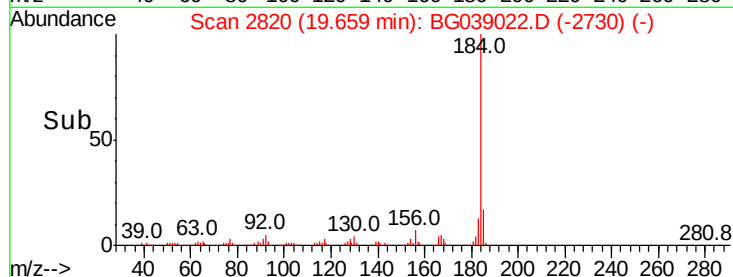
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 38.043 ng

RT: 19.84 min Scan# 2850

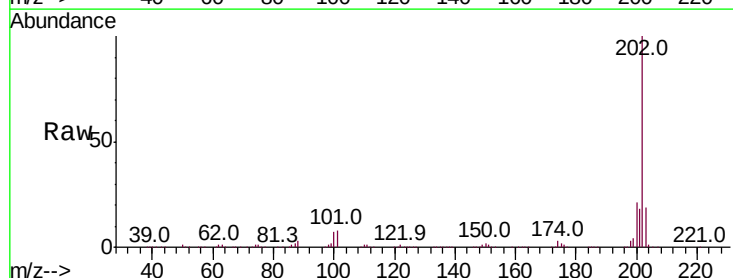
Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

Tgt Ion:202 Resp: 471147

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.6
203	18.8	14.0	21.0

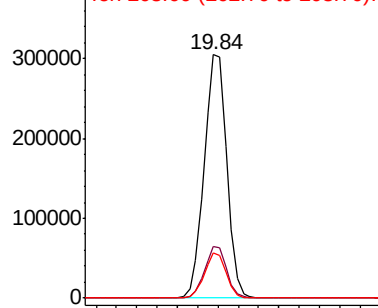


Abundance

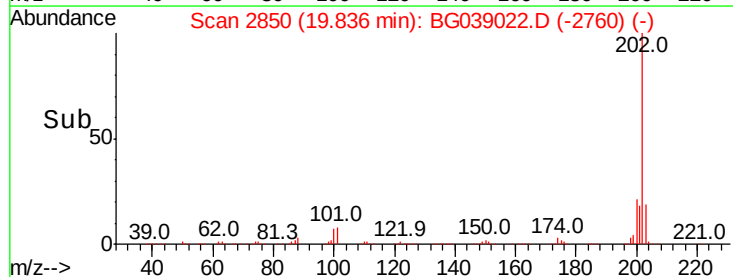
Ion 202.00 (201.70 to 202.70): E

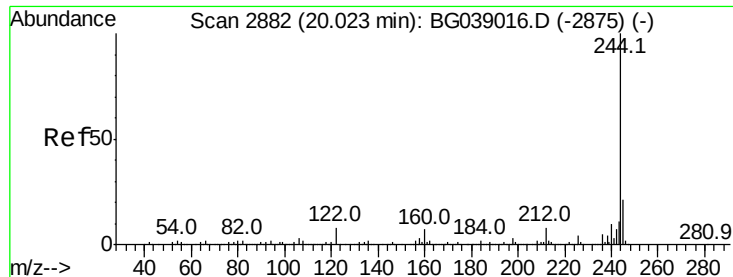
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 73.712 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

Instrument :

BNA_G

ClientSampleId :

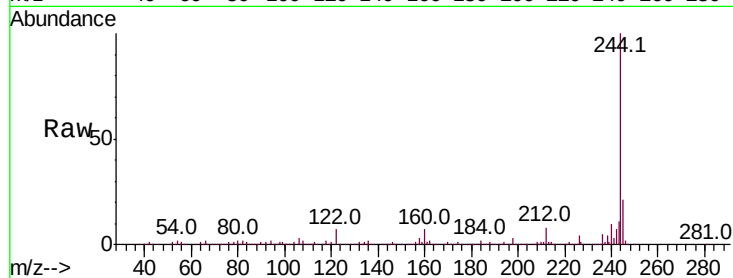
Tot Ion:244 Resp: 774349

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

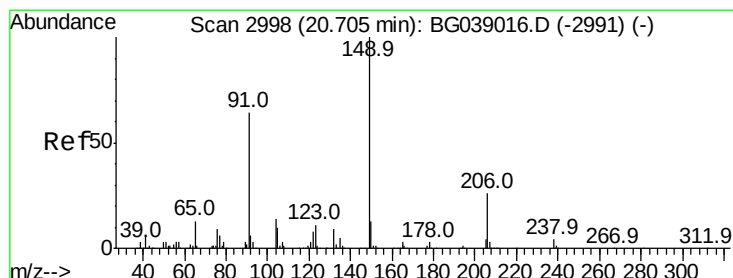
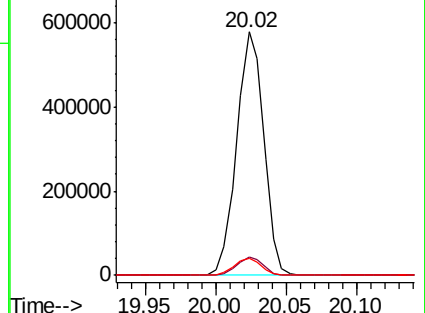
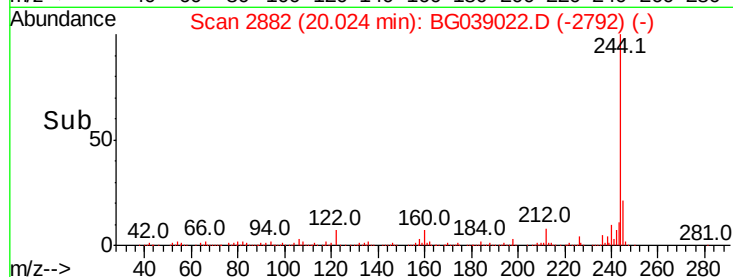
122 7.2 6.1 9.1



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: 38.259 ng

RT: 20.71 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

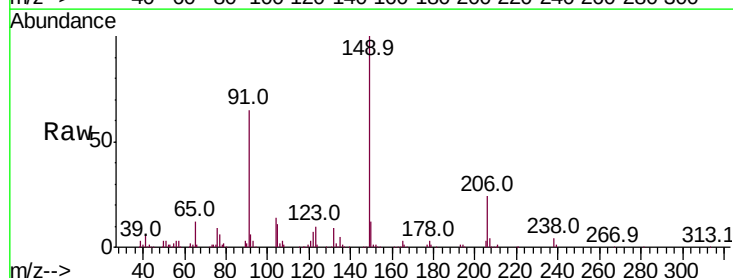
Tgt Ion:149 Resp: 180212

Ion Ratio Lower Upper

149 100

91 64.5 51.4 77.0

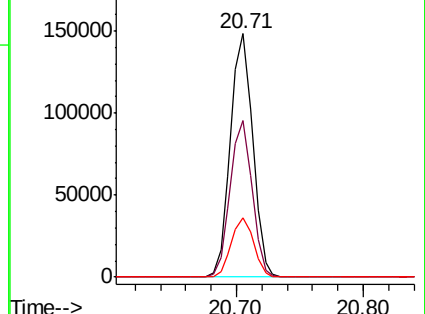
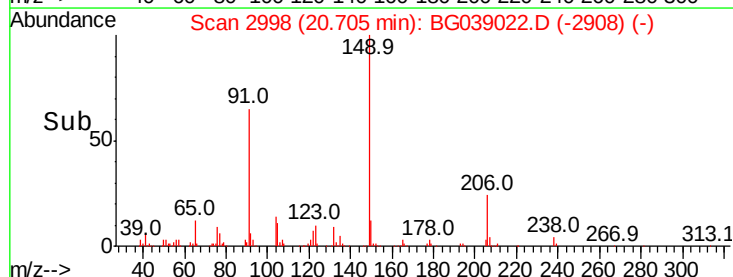
206 24.5 20.4 30.6

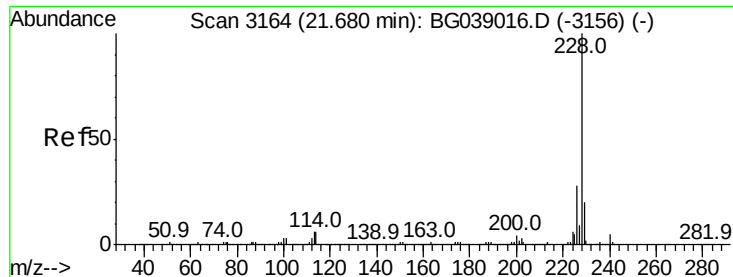


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.958 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

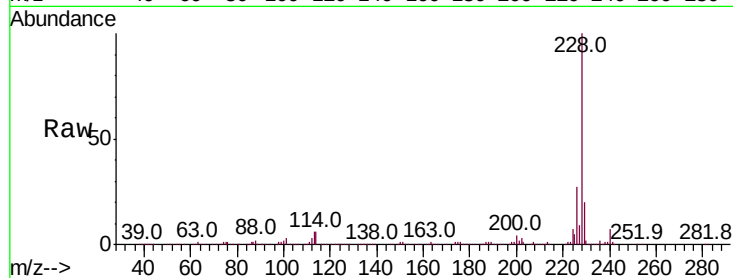
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 449046

Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.4	33.6
229	19.8	16.2	24.2

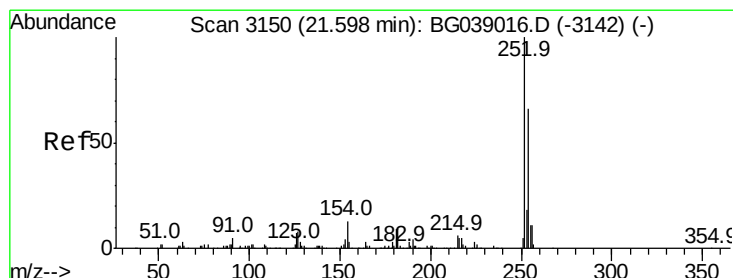
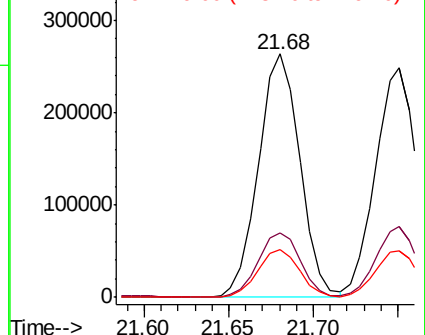
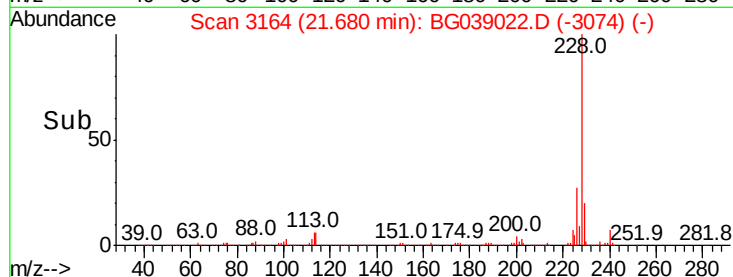


Abundance

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: 38.645 ng

RT: 21.60 min Scan# 3150

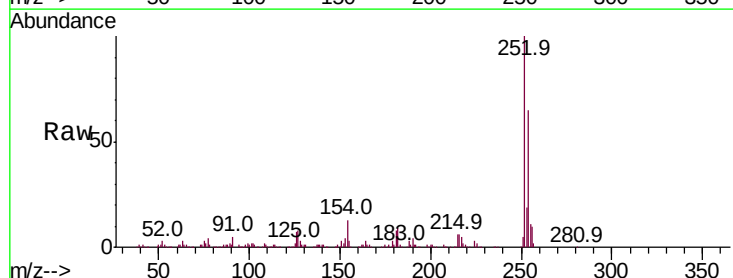
Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

Tgt Ion:252 Resp: 186270

Ion	Ratio	Lower	Upper
252	100		
254	65.1	53.0	79.6
126	7.4	6.0	9.0

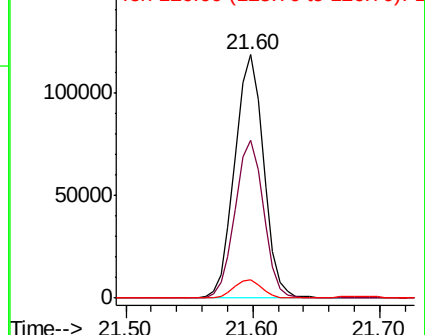
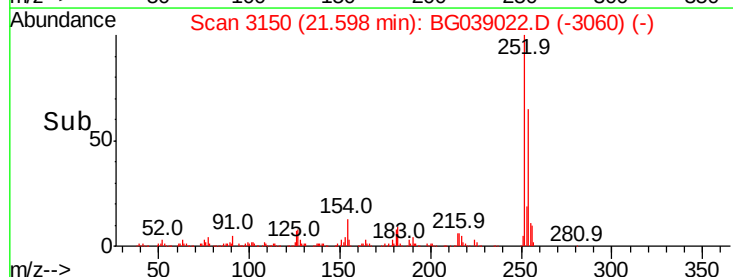


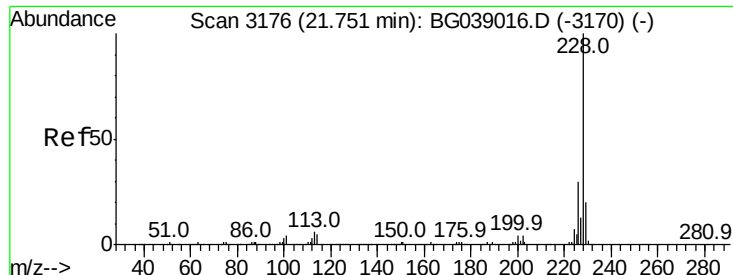
Abundance

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

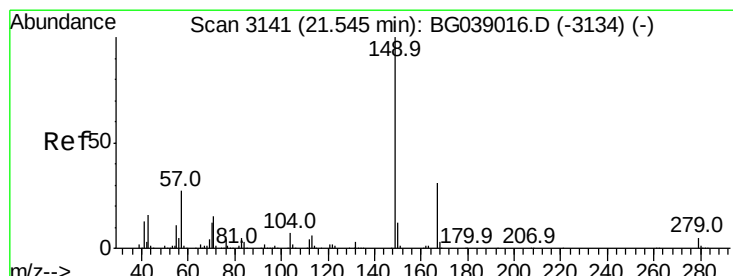
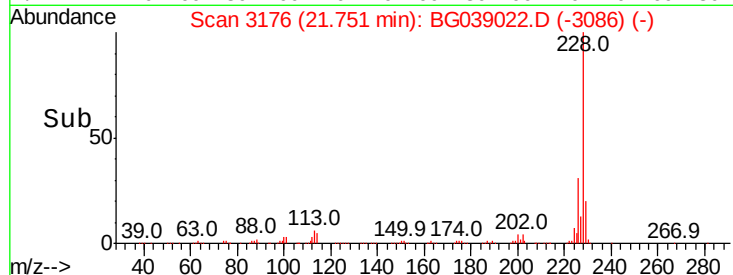
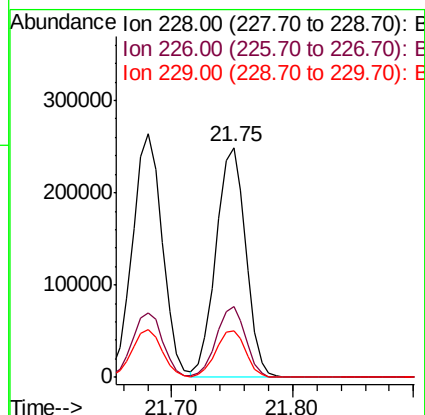
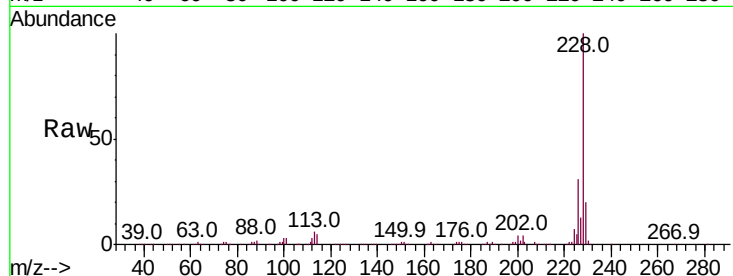




#83
 Chrysene
 Concen: 37.629 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

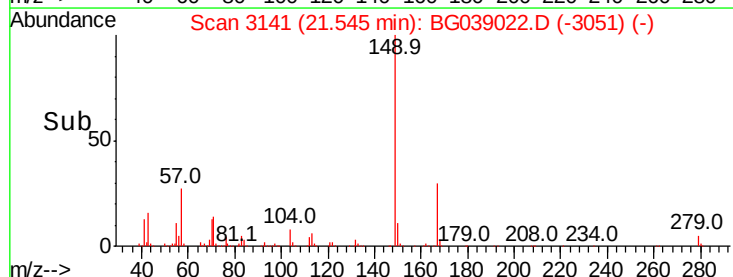
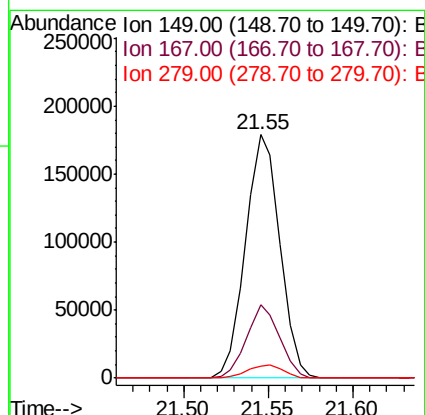
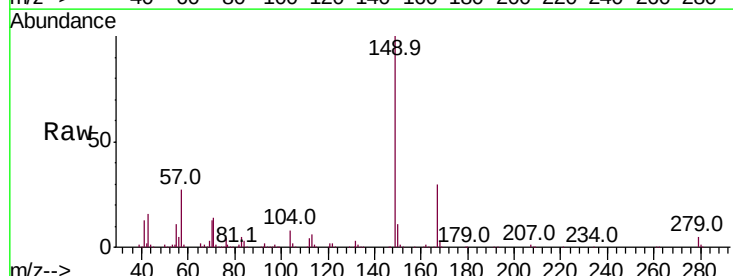
Instrument :
 BNA_G
 ClientSampleId :

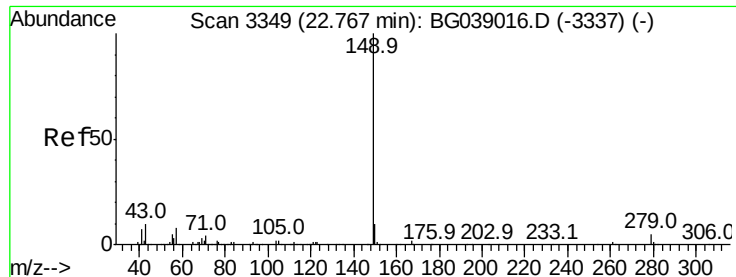
Tot Ion:	228	Resp:	423376
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.1	36.1
229	20.1	16.0	24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.865 ng
 RT: 21.55 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: BG039022.D
 Acq: 9 Jan 2019 15:54

Tgt Ion:	149	Resp:	254190
Ion	Ratio	Lower	Upper
149	100		
167	30.0	25.0	37.4
279	5.0	4.3	6.5

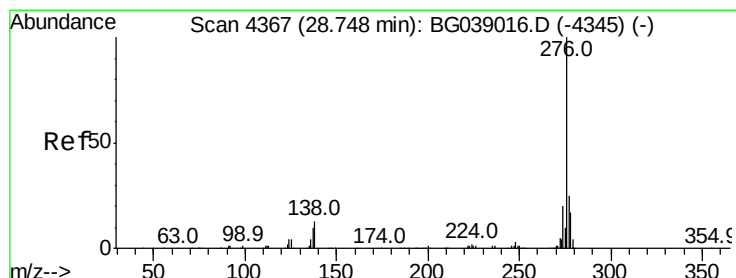
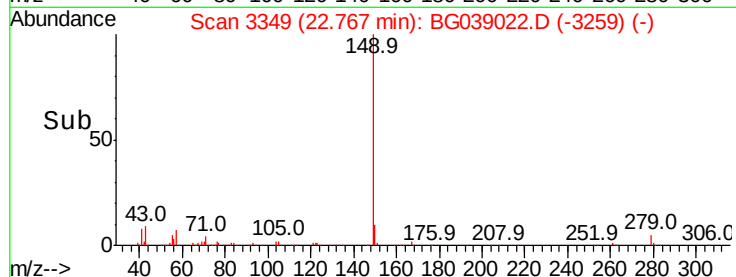
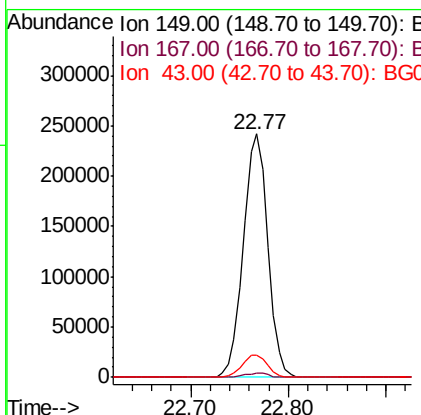
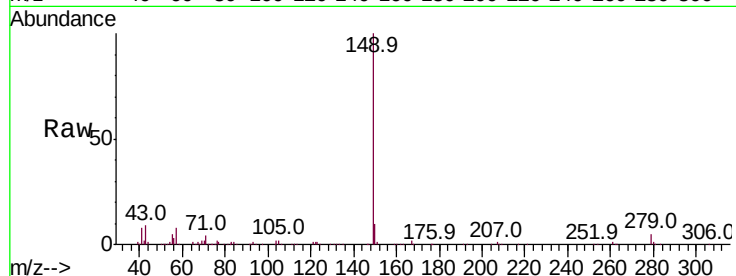




#85
Di-n-octyl phthalate
Concen: 38.289 ng
RT: 22.77 min Scan# 3349
Delta R.T. 0.00 min
Lab File: BG039022.D
Acq: 9 Jan 2019 15:54

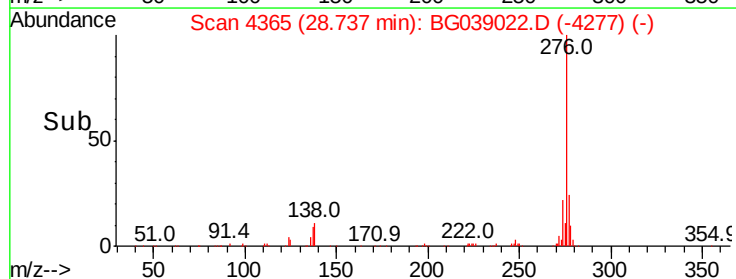
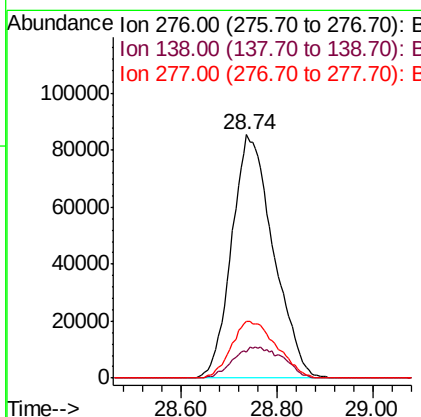
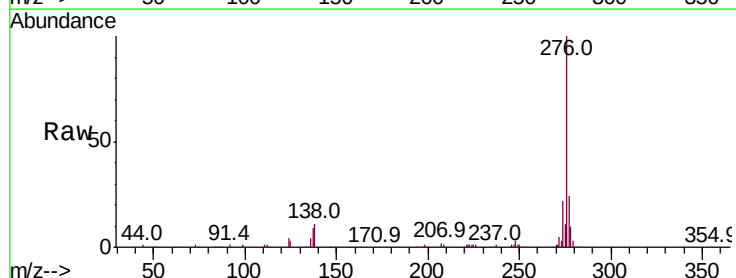
Instrument :
BNA_G
ClientSampleId :

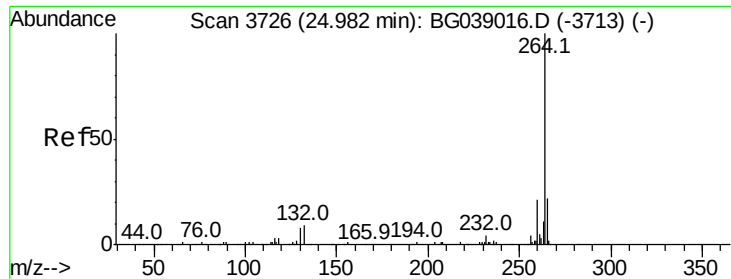
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.4	7.5	11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.258 ng
RT: 28.74 min Scan# 4365
Delta R.T. -0.01 min
Lab File: BG039022.D
Acq: 9 Jan 2019 15:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.2	8.0	12.0#
277	25.5	20.3	30.5

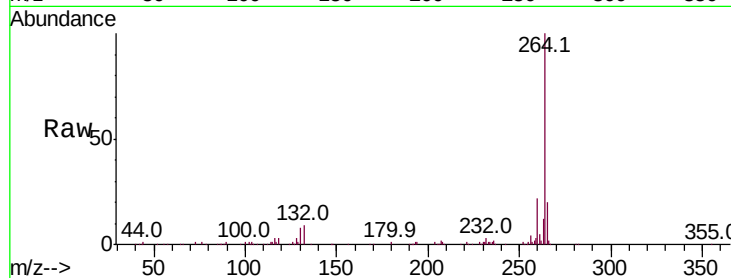




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. 0.00 min
Lab File: BG039022.D
Acq: 9 Jan 2019 15:54

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.0	25.6
265	20.2	17.2	25.8

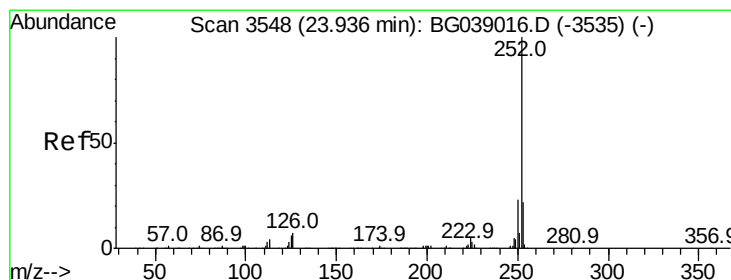
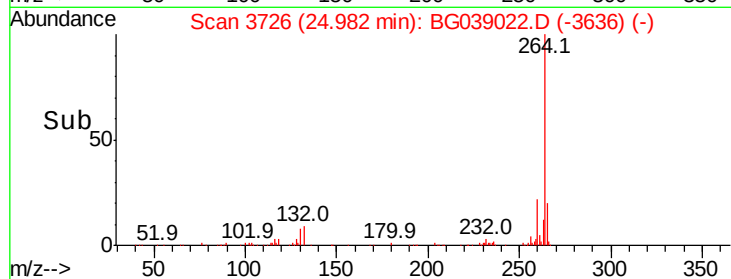
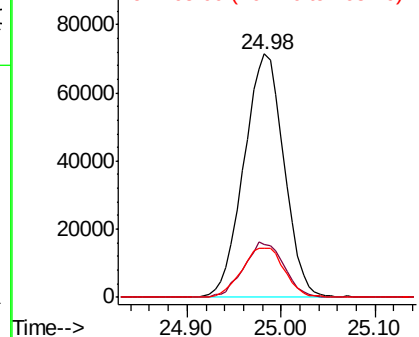


Abundance

Ion 264.00 (263.70 to 264.70): E

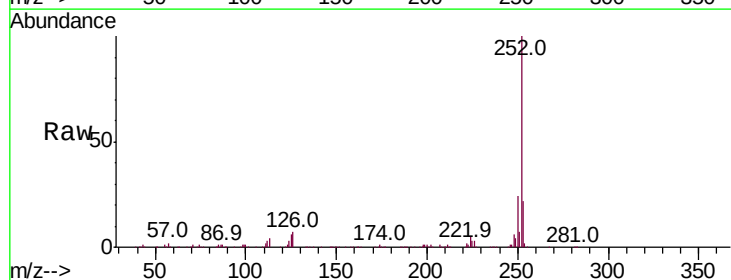
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 38.648 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.01 min
Lab File: BG039022.D
Acq: 9 Jan 2019 15:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	5.8	4.9	7.3

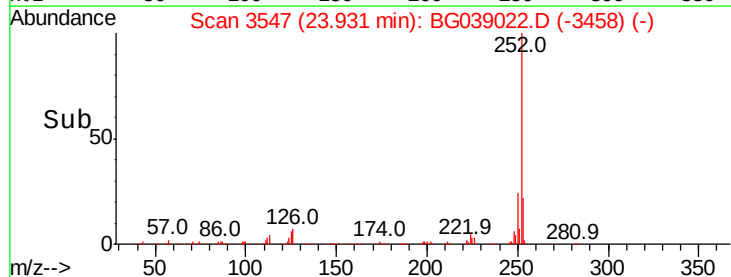
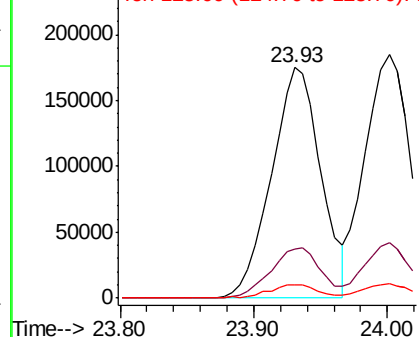


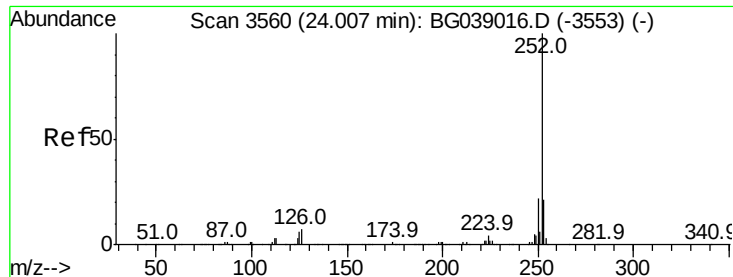
Abundance

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: 38.227 ng

RT: 24.00 min Scan# 3559

Delta R.T. -0.01 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

Instrument :

BNA_G

ClientSampled :

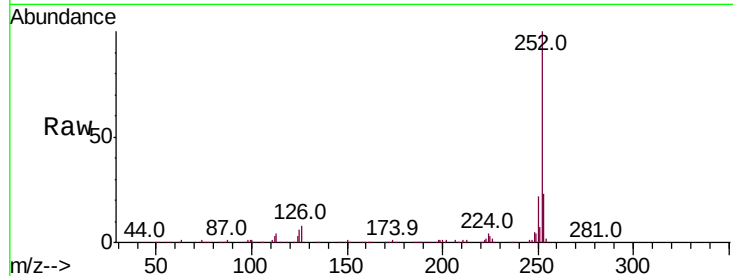
Tot Ion:252 Resp: 438772

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

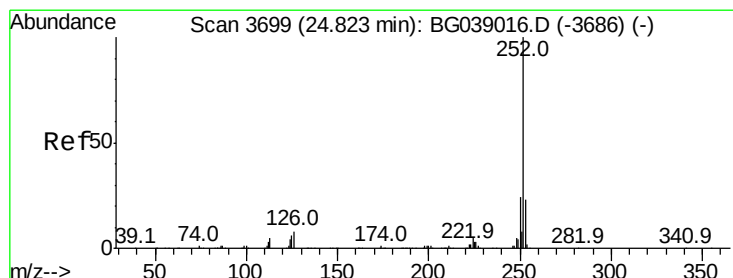
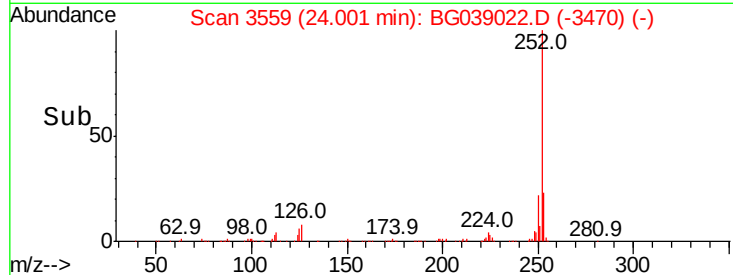
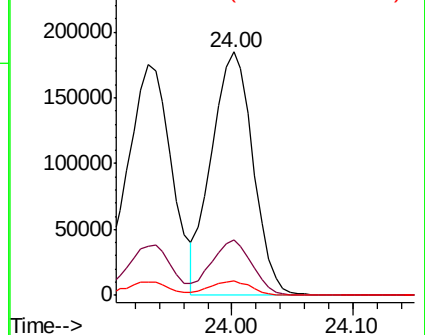
125 6.1 4.6 7.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.400 ng

RT: 24.82 min Scan# 3699

Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

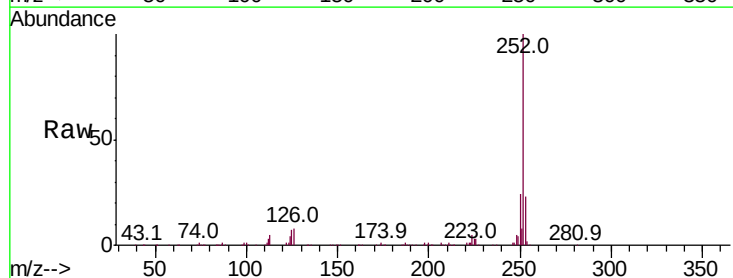
Tgt Ion:252 Resp: 430890

Ion Ratio Lower Upper

252 100

253 22.6 18.3 27.5

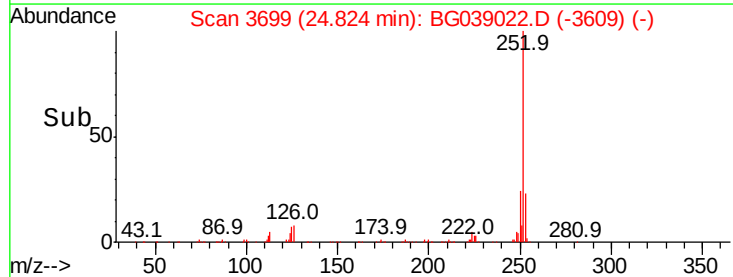
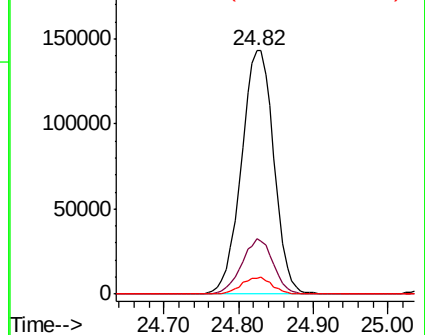
125 6.7 4.9 7.3

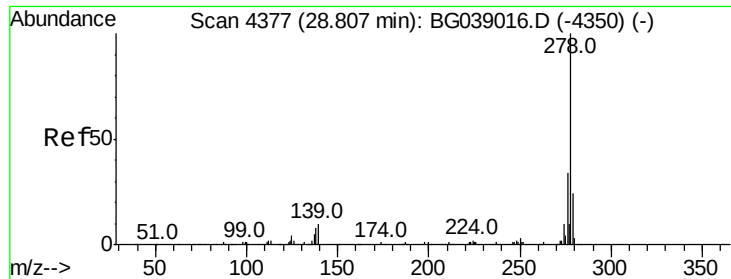


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 38.615 ng

RT: 28.81 min Scan# 4377

Delta R.T. 0.00 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

Instrument :

BNA_G

ClientSampled :

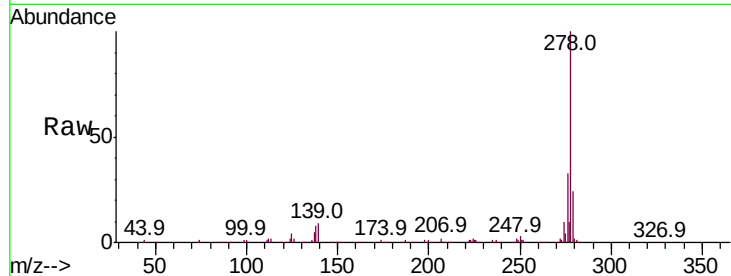
Tot Ion:278 Resp: 430985

Ion Ratio Lower Upper

278 100

139 9.1 7.9 11.9

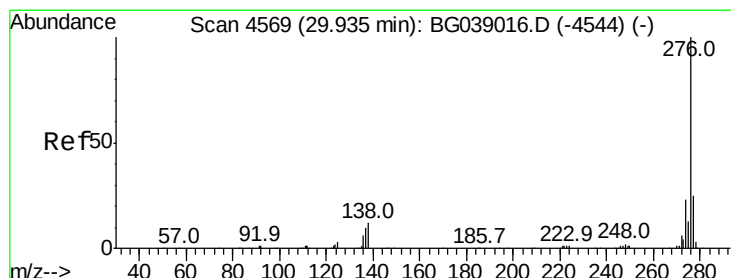
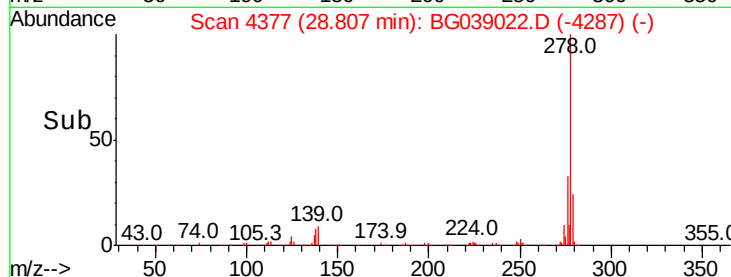
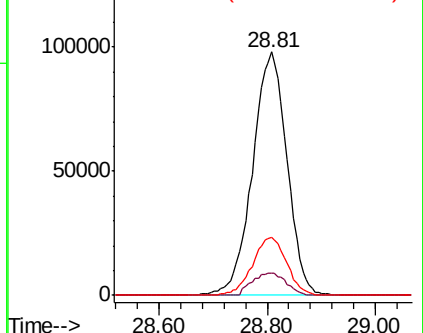
279 23.7 19.3 28.9



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: 38.362 ng

RT: 29.93 min Scan# 4568

Delta R.T. -0.01 min

Lab File: BG039022.D

Acq: 9 Jan 2019 15:54

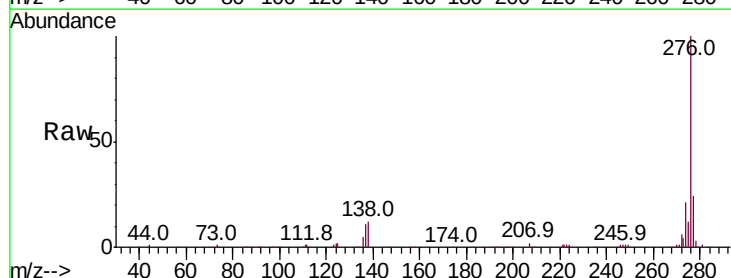
Tgt Ion:276 Resp: 423881

Ion Ratio Lower Upper

276 100

277 24.5 20.3 30.5

138 12.5 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

