

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039460.D
 Acq On : 12 Feb 2019 12:33
 Operator : JU/SJ
 Sample : PB116997BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 12 13:15:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	54499	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	284819	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	214652	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	494312	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	422980	20.00	ng	-0.02
87) Perylene-d12	25.21	264	417044	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	408383	128.25	ng	0.00
7) Phenol-d6	7.31	99	623835	133.09	ng	0.00
23) Nitrobenzene-d5	9.35	82	357973	78.52	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	267247	115.62	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	956175	63.90	ng	-0.01
79) Terphenyl-d14	20.13	244	1309953	65.55	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	30157	21.651	ng	92
3) Pyridine	4.01	79	88219	23.922	ng	96
4) n-Nitrosodimethylamine	3.92	42	54092	29.329	ng	# 85
6) Aniline	7.49	93	145491	24.781	ng	98
8) 2-Chlorophenol	7.73	128	150437	43.220	ng	94
9) Benzaldehyde	7.31	77	50450	18.068	ng	99
10) Phenol	7.34	94	211476	43.282	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	133694	34.628	ng	97
12) 1,3-Dichlorobenzene	8.06	146	130933	31.052	ng	93
13) 1,4-Dichlorobenzene	8.21	146	137596	32.739	ng	100
14) 1,2-Dichlorobenzene	8.53	146	134333	33.017	ng	97
15) Benzyl Alcohol	8.41	79	147196	40.001	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	259546	29.769	ng	99
17) 2-Methylphenol	8.60	107	137999	43.645	ng	97
18) Hexachloroethane	9.26	117	48352	33.440	ng	99
19) n-Nitroso-di-n-propylamine	8.97	70	122049	36.687	ng	95
20) 3+4-Methylphenols	8.93	107	197630	45.390	ng	95
22) Acetophenone	9.00	105	223493	29.212	ng	# 94
24) Nitrobenzene	9.39	77	177828	36.104	ng	96
25) Isophorone	9.90	82	358199	35.454	ng	99
26) 2-Nitrophenol	10.10	139	86385	45.638	ng	98
27) 2,4-Dimethylphenol	10.14	122	169318	41.429	ng	99
28) bis(2-Chloroethoxy)methane	10.38	93	214460	34.463	ng	99
29) 2,4-Dichlorophenol	10.63	162	178497	39.961	ng	96
30) 1,2,4-Trichlorobenzene	10.85	180	162249	32.354	ng	99
31) Naphthalene	11.05	128	477830	33.817	ng	99
32) Benzoic acid	10.27	122	90992	36.631	ng	94
33) 4-Chloroaniline	11.15	127	117339	17.910	ng	93
34) Hexachlorobutadiene	11.31	225	101981	30.579	ng	94
35) Caprolactam	11.94	113	41468	22.435	ng	95
36) 4-Chloro-3-methylphenol	12.25	107	201248	38.958	ng	100
37) 2-Methylnaphthalene	12.63	142	383538	36.649	ng	98
38) 1-Methylnaphthalene	12.85	142	371775	36.853	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	211860	31.021	ng	98

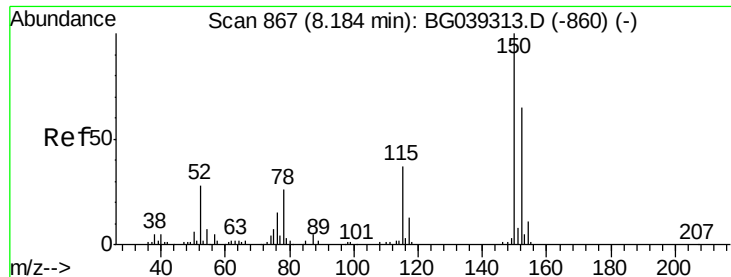
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039460.D
 Acq On : 12 Feb 2019 12:33
 Operator : JU/SJ
 Sample : PB116997BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 12 13:15:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	249453	67.029	ng	99
43) 2,4,6-Trichlorophenol	13.23	196	155810	37.105	ng	98
44) 2,4,5-Trichlorophenol	13.30	196	170487	38.737	ng	97
46) 1,1'-Biphenyl	13.63	154	535779	30.000	ng	99
47) 2-Chloronaphthalene	13.68	162	413986	30.813	ng	98
48) 2-Nitroaniline	13.89	65	143941	39.146	ng	94
49) Acenaphthylene	14.53	152	674306	33.261	ng	98
50) Dimethylphthalate	14.24	163	571612	32.972	ng	99
51) 2,6-Dinitrotoluene	14.37	165	128313	40.750	ng	93
52) Acenaphthene	14.86	154	414652	31.510	ng	98
53) 3-Nitroaniline	14.70	138	84632	27.079	ng	# 94
54) 2,4-Dinitrophenol	14.90	184	100827	73.355	ng	97
55) Dibenzofuran	15.19	168	675165	32.000	ng	99
56) 4-Nitrophenol	14.99	139	196251	63.869	ng	89
57) 2,4-Dinitrotoluene	15.15	165	177463	43.613	ng	86
58) Fluorene	15.84	166	536481	34.109	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.41	232	165415	40.141	ng	97
60) Diethylphthalate	15.60	149	575592	32.112	ng	98
61) 4-Chlorophenyl-phenylether	15.82	204	287044	32.230	ng	97
62) 4-Nitroaniline	15.87	138	122571	34.967	ng	95
63) Azobenzene	16.12	77	508028	28.998	ng	96
65) 4,6-Dinitro-2-methylphenol	15.91	198	86371	45.378	ng	99
66) n-Nitrosodiphenylamine	16.04	169	495041	32.936	ng	99
67) 4-Bromophenyl-phenylether	16.72	248	187638	34.217	ng	94
68) Hexachlorobenzene	16.83	284	191585	34.821	ng	97
69) Atrazine	16.98	200	190656	34.711	ng	97
70) Pentachlorophenol	17.18	266	353305	92.393	ng	98
71) Phenanthrene	17.59	178	855866	33.453	ng	99
72) Anthracene	17.67	178	857548	34.029	ng	98
73) Carbazole	17.95	167	720190	28.636	ng	99
74) Di-n-butylphthalate	18.48	149	880969	30.026	ng	99
75) Fluoranthene	19.58	202	927560	31.236	ng	98
77) Benzidine	19.76	184	189075	13.634	ng	98
78) Pyrene	19.94	202	910253	34.569	ng	99
80) Butylbenzylphthalate	20.81	149	366028	32.953	ng	97
81) Benzo(a)anthracene	21.81	228	867754	34.719	ng	100
82) 3,3'-Dichlorobenzidine	21.72	252	207330	22.372	ng	99
83) Chrysene	21.88	228	810927	34.083	ng	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	512314	32.329	ng	99
85) Di-n-octyl phthalate	22.94	149	884599	33.789	ng	95
86) Indeno(1,2,3-cd)pyrene	29.09	276	967878	37.916	ng	99
88) Benzo(b)fluoranthene	24.12	252	840247	36.944	ng	98
89) Benzo(k)fluoranthene	24.20	252	832157	36.443	ng	98
90) Benzo(a)pyrene	25.05	252	816181	37.262	ng	99
91) Dibenzo(a,h)anthracene	29.17	278	787175	38.375	ng	98
92) Benzo(g,h,i)perylene	30.32	276	799999	39.128	ng	98

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

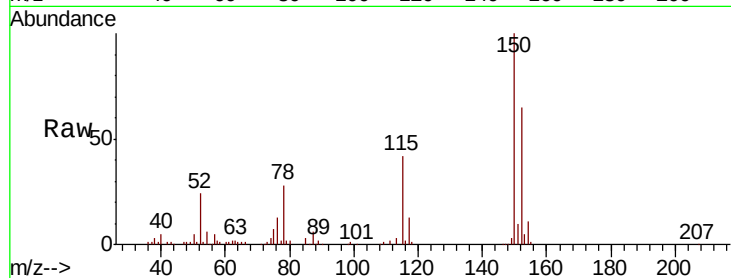


#1

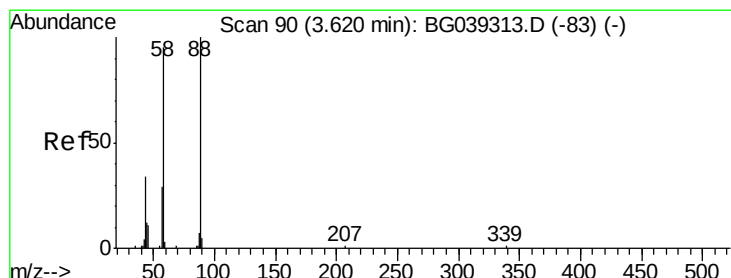
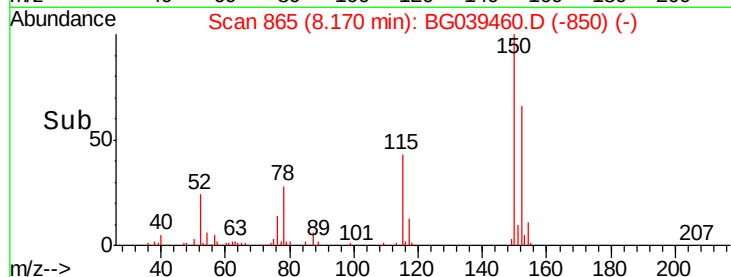
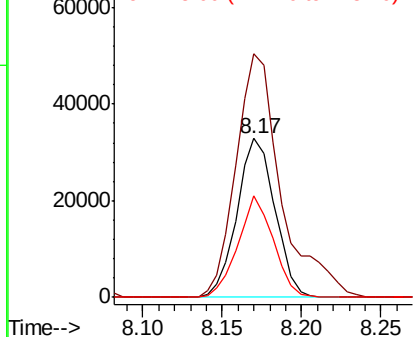
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54499
Ion Ratio Lower Upper
152 100
150 153.2 123.7 185.5
115 64.3 45.9 68.9



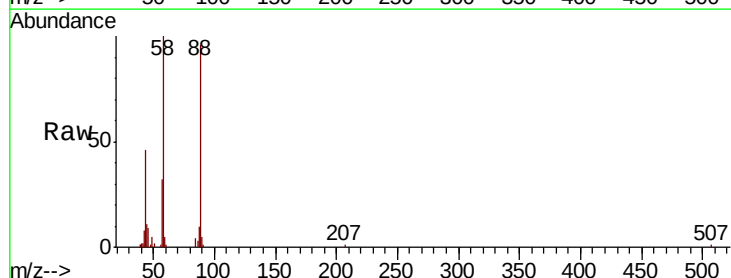
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



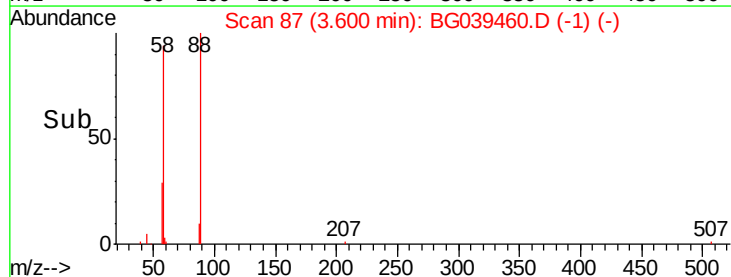
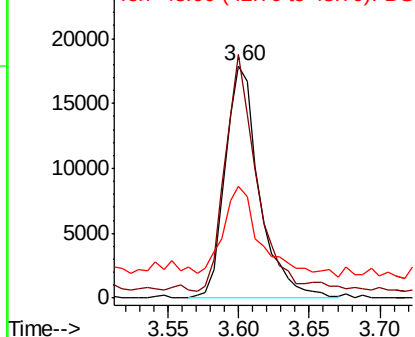
#2

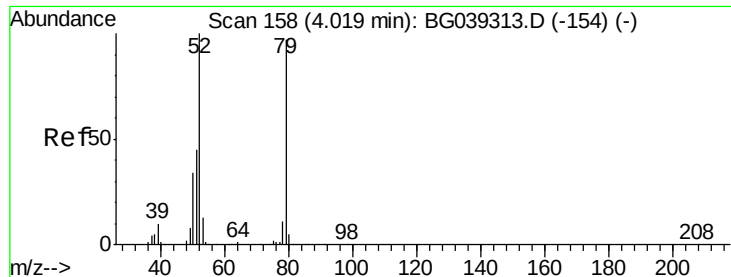
1,4-Dioxane
Concen: 21.651 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion: 88 Resp: 30157
Ion Ratio Lower Upper
88 100
58 92.1 81.1 121.7
43 42.8 31.4 47.0



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: 23.922 ng

RT: 4.01 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

ClientSampleId :

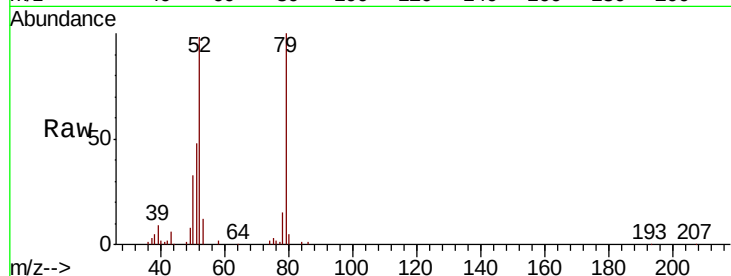
Tot Ion: 79 Resp: 88219

Ion Ratio Lower Upper

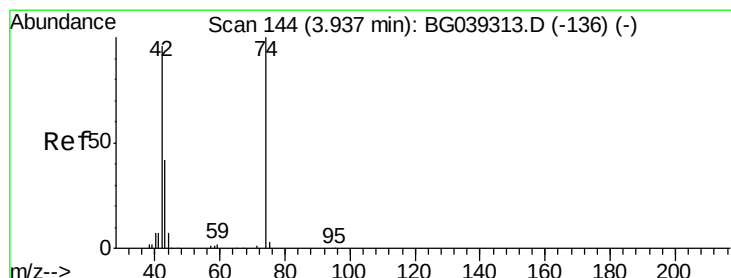
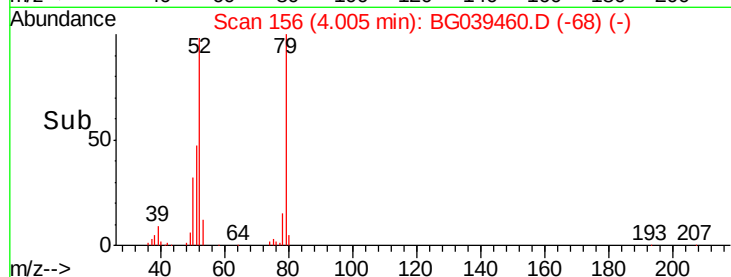
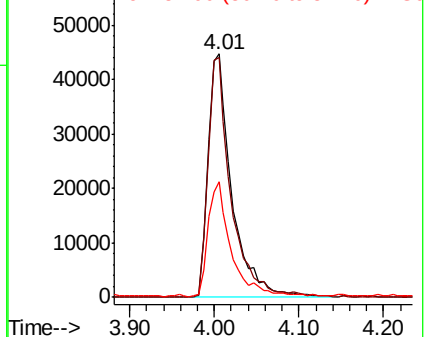
79 100

52 98.5 82.6 124.0

51 47.7 37.5 56.3



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: 29.329 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

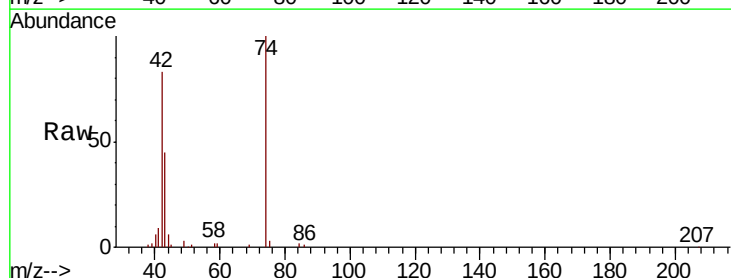
Tgt Ion: 42 Resp: 54092

Ion Ratio Lower Upper

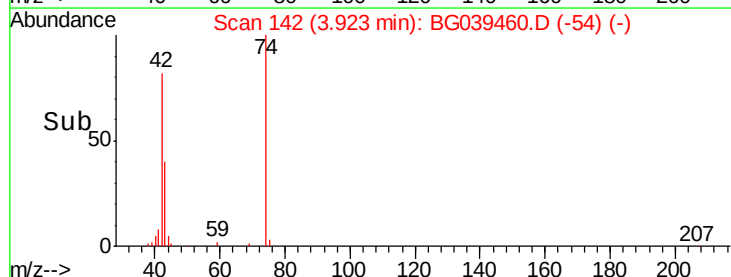
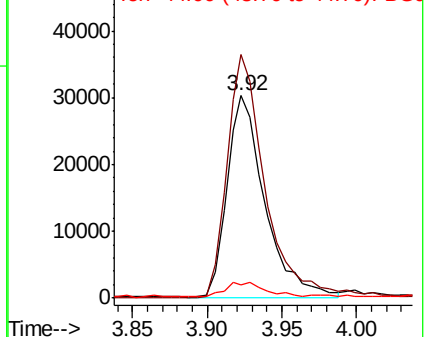
42 100

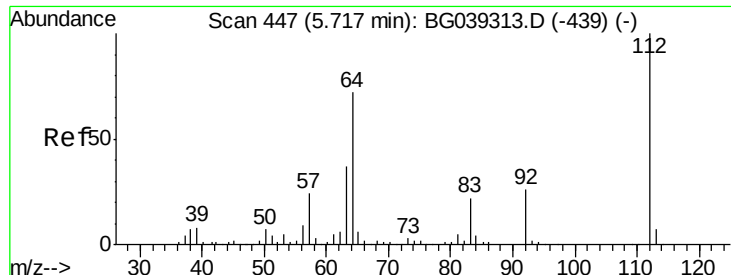
74 120.3 83.6 125.4

44 6.7 6.9 10.3#



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: 128.250 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

ClientSampled :

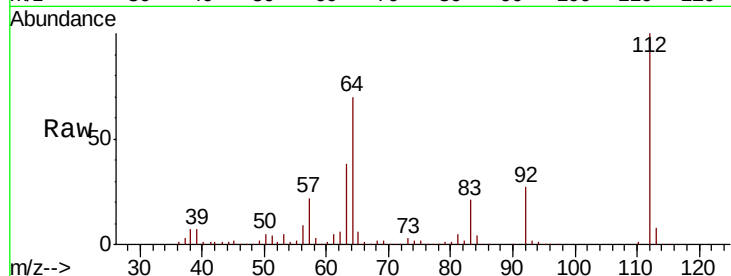
Tot Ion:112 Resp: 408383

Ion Ratio Lower Upper

112 100

64 70.5 57.8 86.8

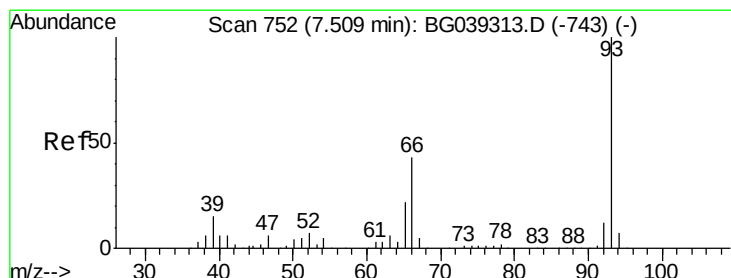
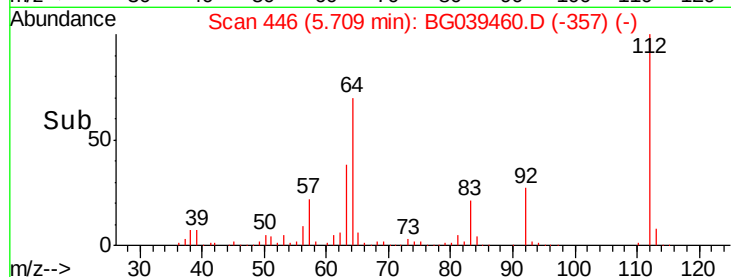
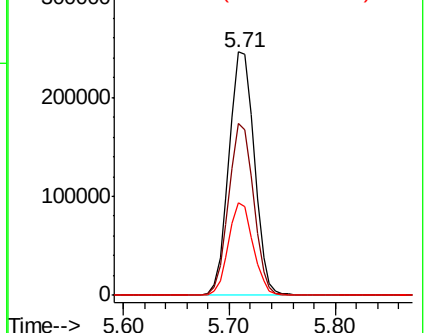
63 38.1 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.781 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

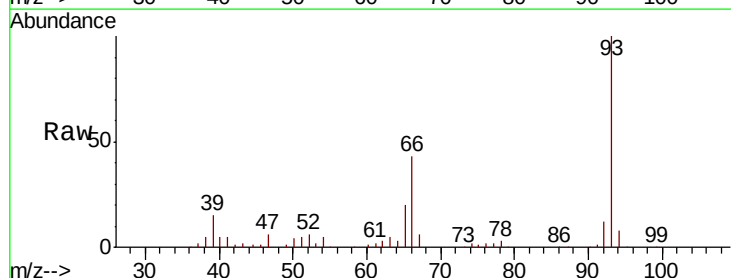
Tgt Ion: 93 Resp: 145491

Ion Ratio Lower Upper

93 100

66 43.2 34.2 51.4

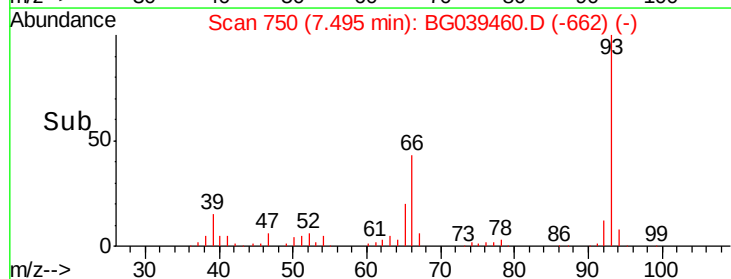
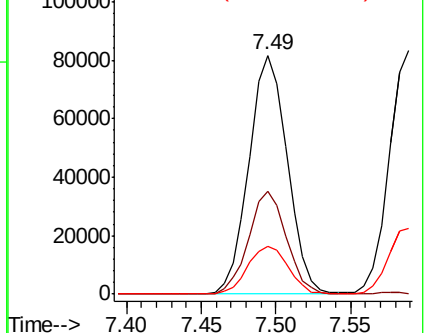
65 19.9 17.7 26.5

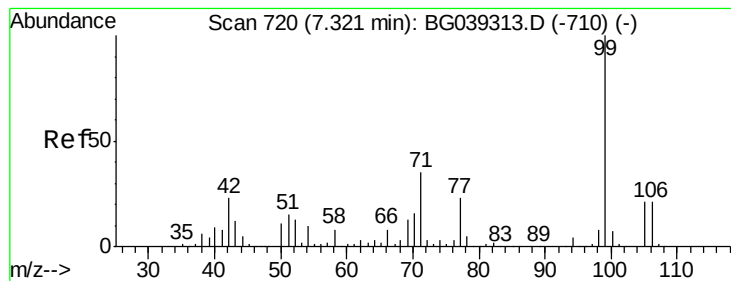


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.095 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

ClientSampled :

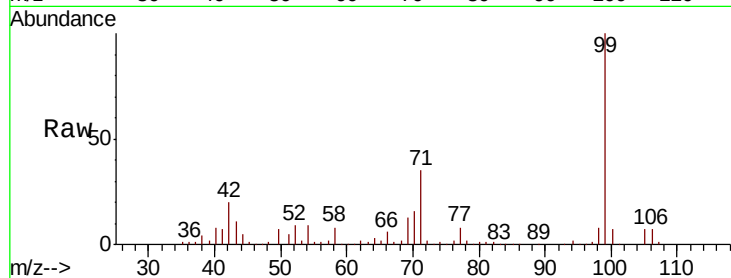
Tot Ion: 99 Resp: 623835

Ion Ratio Lower Upper

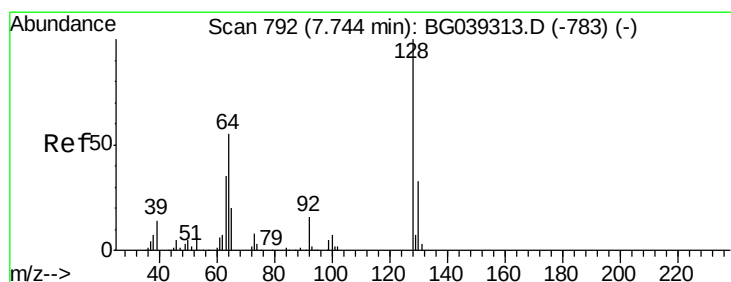
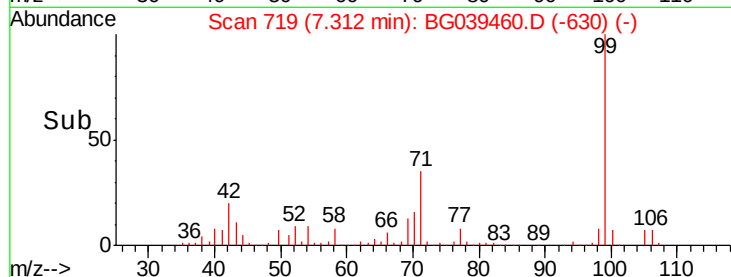
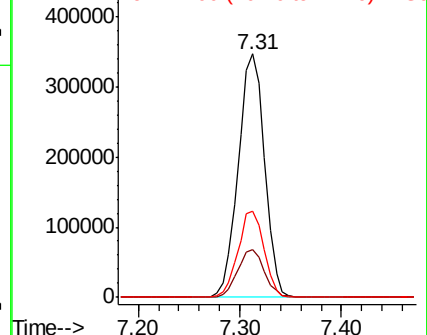
99 100

42 19.6 18.2 27.2

71 35.5 28.0 42.0



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: 43.220 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

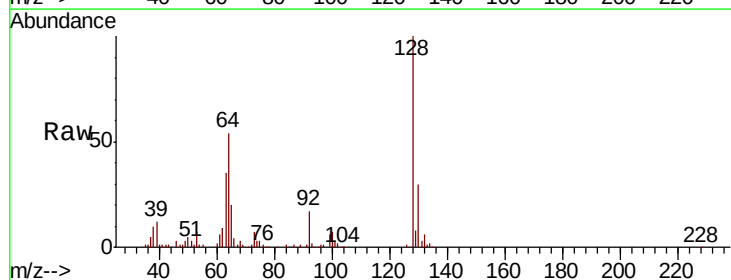
Tgt Ion:128 Resp: 150437

Ion Ratio Lower Upper

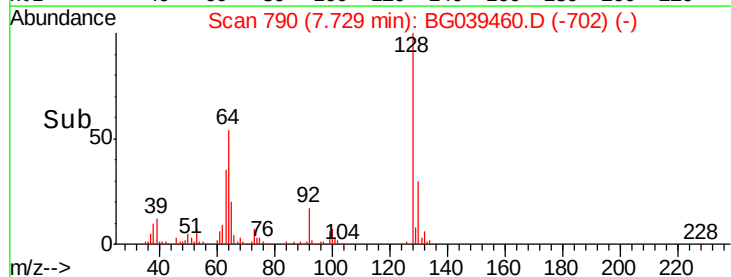
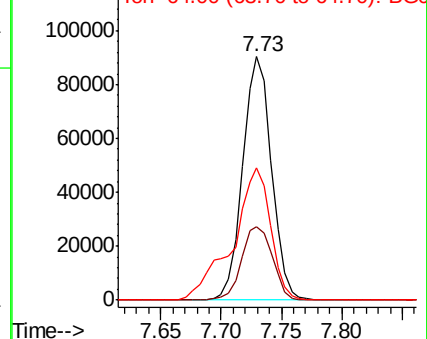
128 100

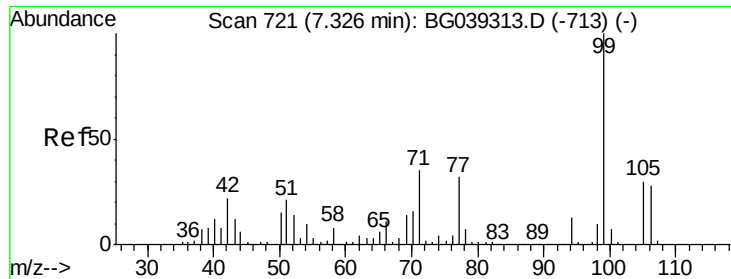
130 30.0 12.9 52.9

64 54.1 38.7 78.7



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: 18.068 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

ClientSampled :

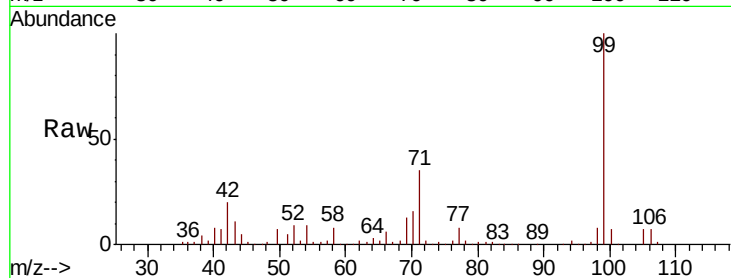
Tot Ion: 77 Resp: 50450

Ion Ratio Lower Upper

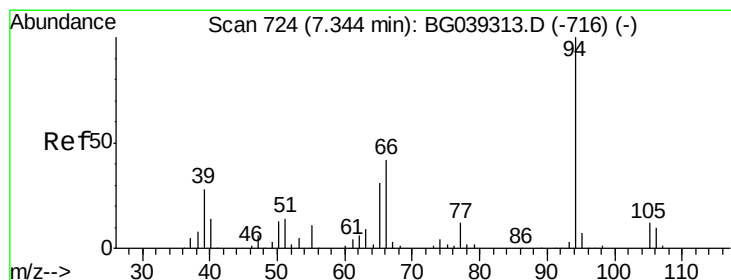
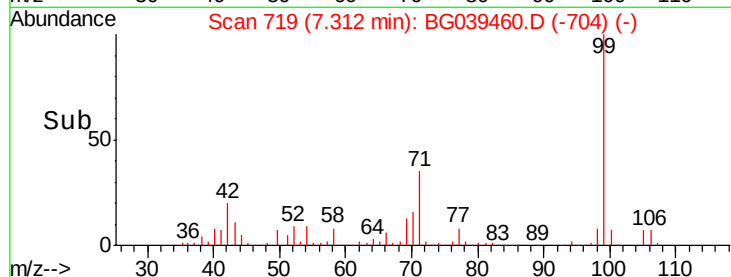
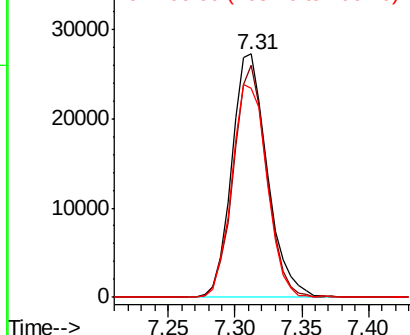
77 100

105 95.2 74.5 114.5

106 86.0 68.0 108.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.282 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

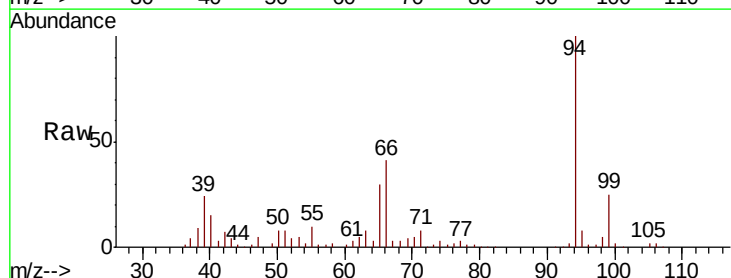
Tgt Ion: 94 Resp: 211476

Ion Ratio Lower Upper

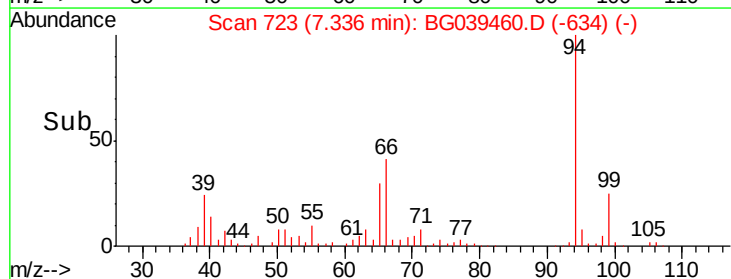
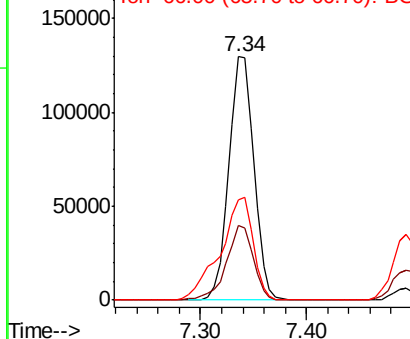
94 100

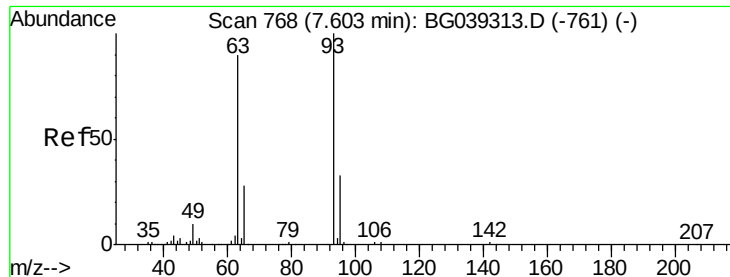
65 30.4 11.7 51.7

66 41.0 23.7 63.7



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

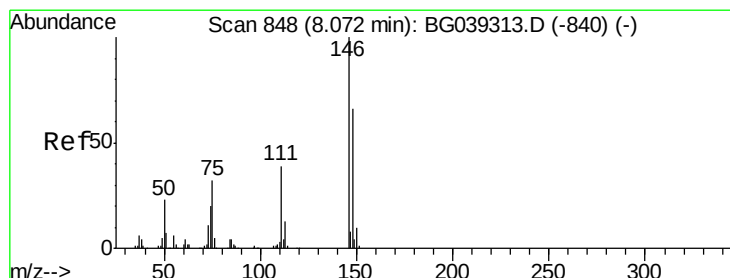
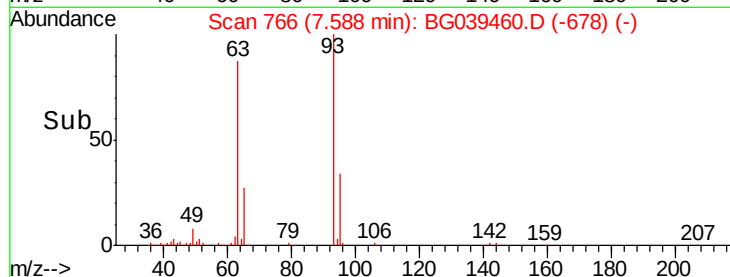
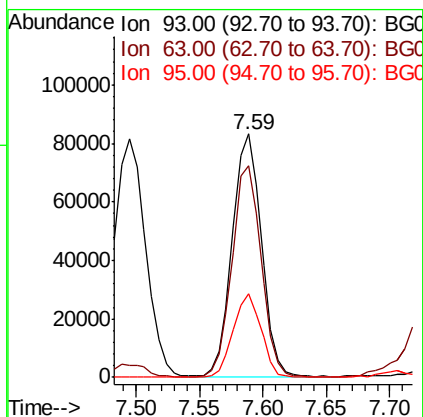
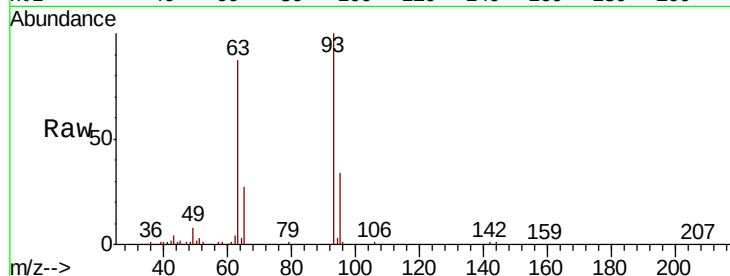




#11
 bis(2-Chloroethyl)ether
 Concen: 34.628 ng
 RT: 7.59 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

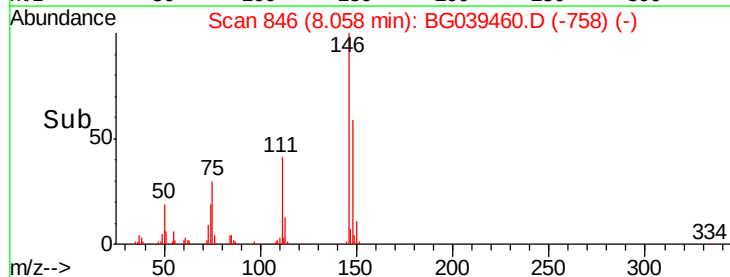
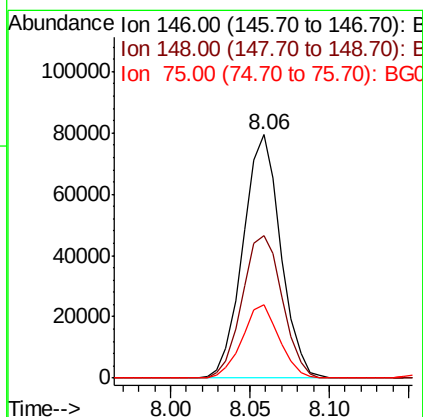
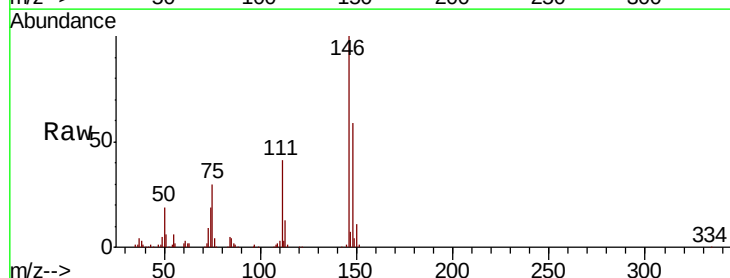
Instrument :
 BNA_G
 ClientSampleId :

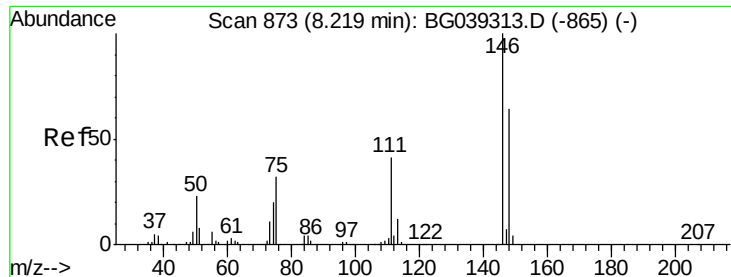
Tot Ion: 93 Resp: 133694
 Ion Ratio Lower Upper
 93 100
 63 87.1 69.5 109.5
 95 34.3 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 31.052 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

Tgt Ion: 146 Resp: 130933
 Ion Ratio Lower Upper
 146 100
 148 58.8 52.6 79.0
 75 30.0 25.8 38.6

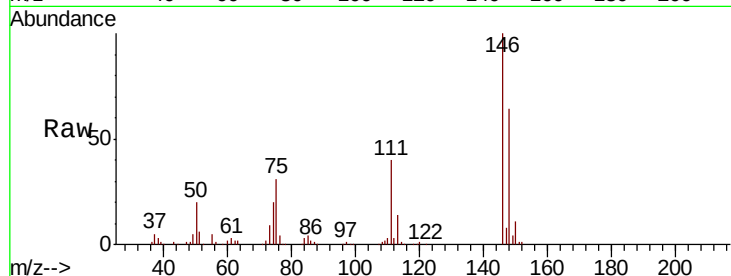




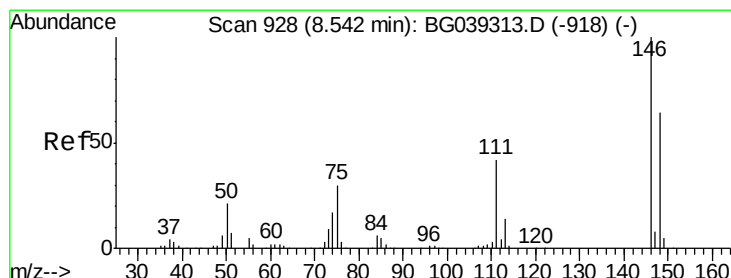
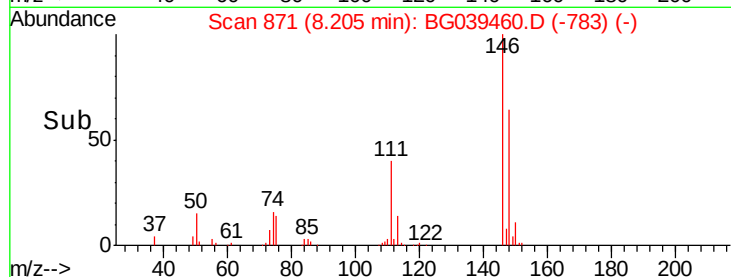
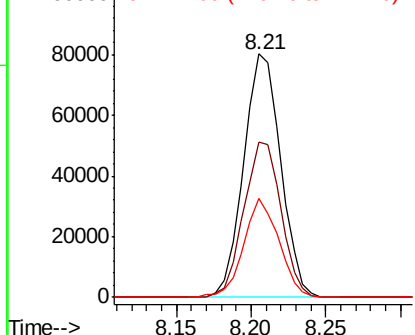
#13
 1,4-Dichlorobenzene
 Concen: 32.739 ng
 RT: 8.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 137596
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.1 76.7
 111 40.4 32.6 48.8

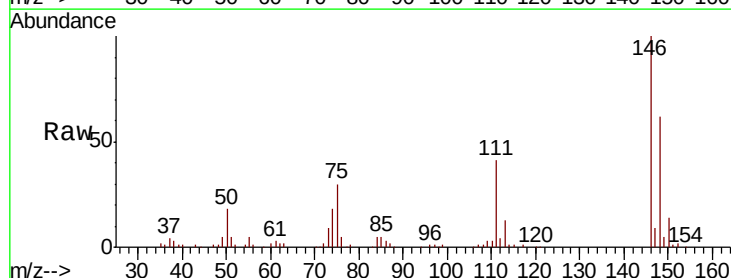


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

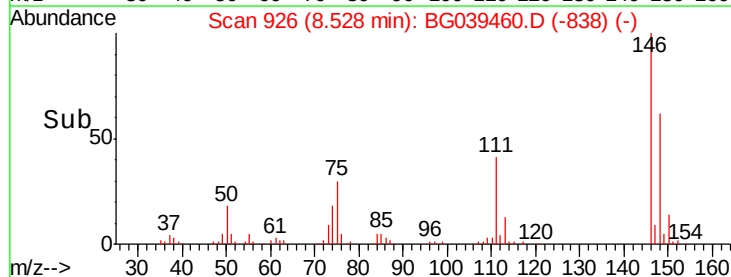
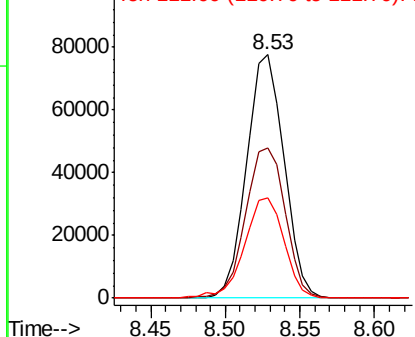


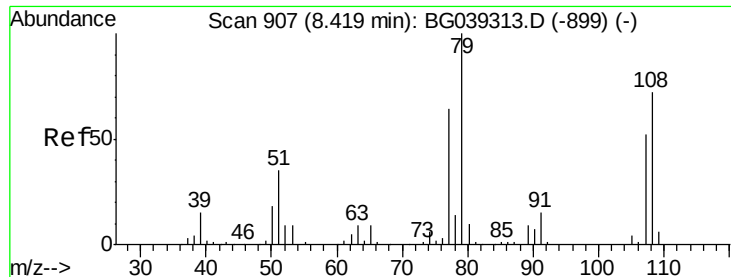
#14
 1,2-Dichlorobenzene
 Concen: 33.017 ng
 RT: 8.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

Tgt Ion:146 Resp: 134333
 Ion Ratio Lower Upper
 146 100
 148 61.6 51.5 77.3
 111 41.3 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 40.001 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :
BNA_G
ClientSampled :

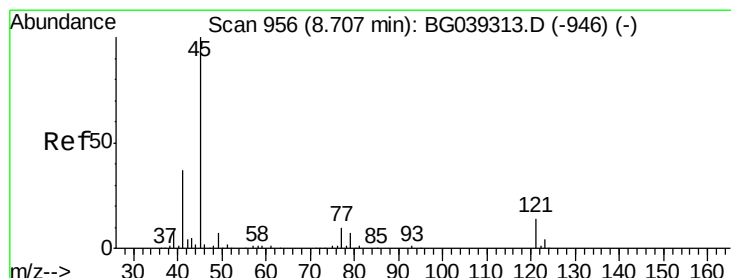
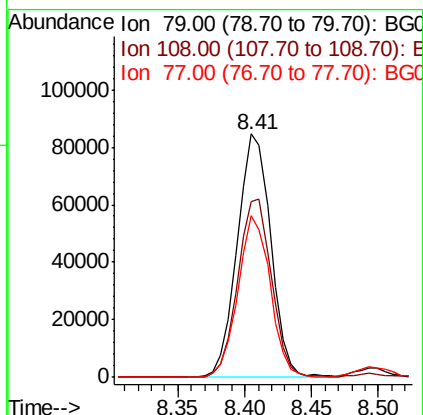
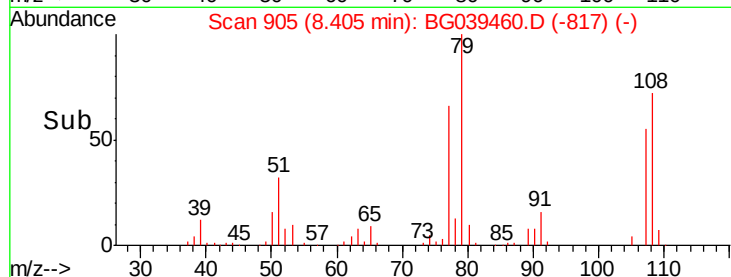
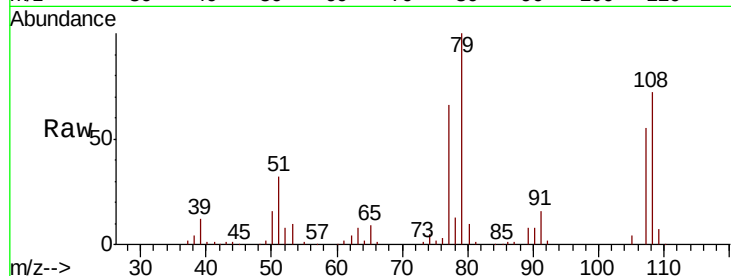
Tot Ion: 79 Resp: 147196

Ion Ratio Lower Upper

79 100

108 72.0 57.8 86.6

77 66.5 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.769 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

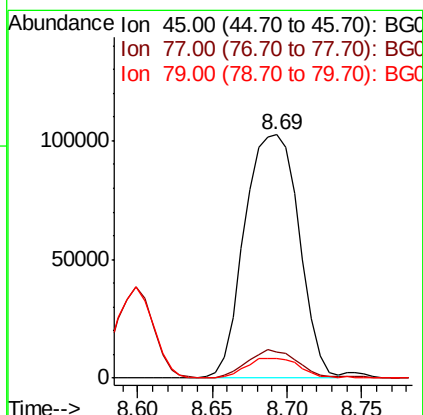
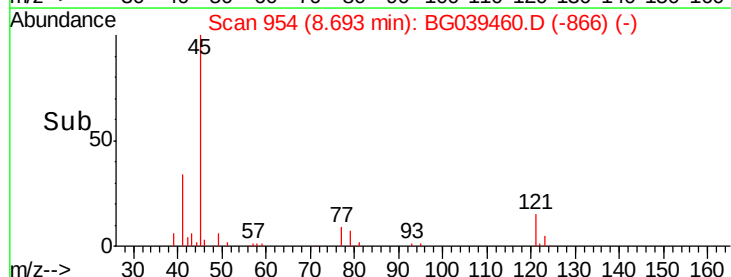
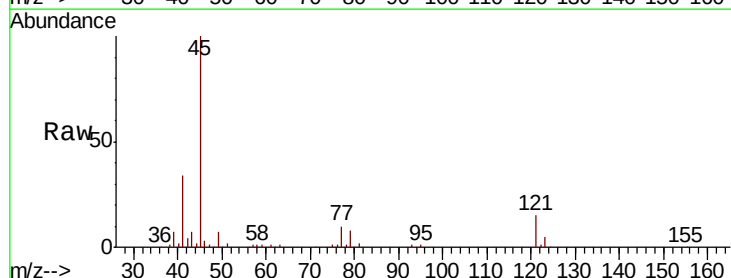
Tgt Ion: 45 Resp: 259546

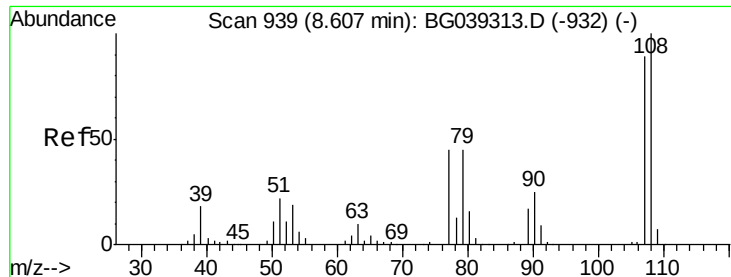
Ion Ratio Lower Upper

45 100

77 10.5 0.0 30.0

79 8.1 0.0 27.5





#17

2-Methylphenol

Concen: 43.645 ng

RT: 8.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 137999

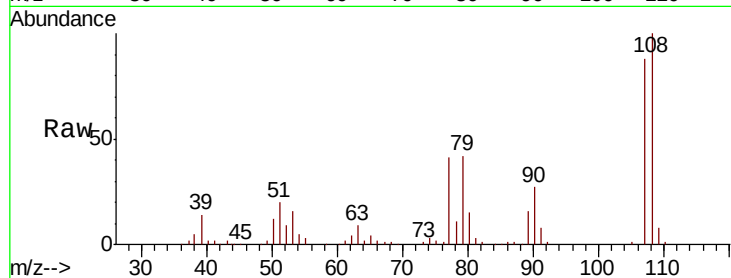
Ion Ratio Lower Upper

107 100

108 113.7 90.8 136.2

77 47.0 40.7 61.1

79 47.3 40.6 60.8

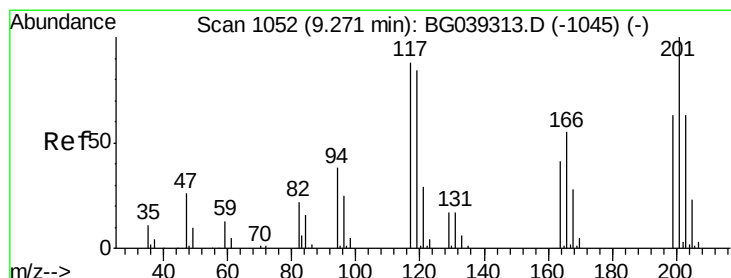
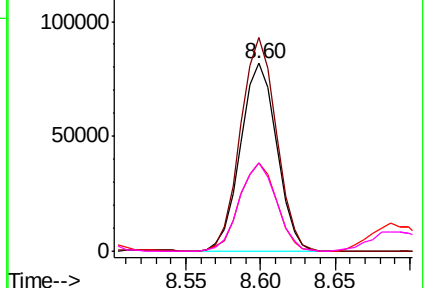
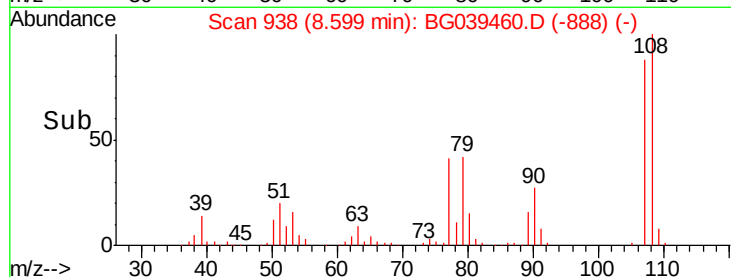


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.440 ng

RT: 9.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

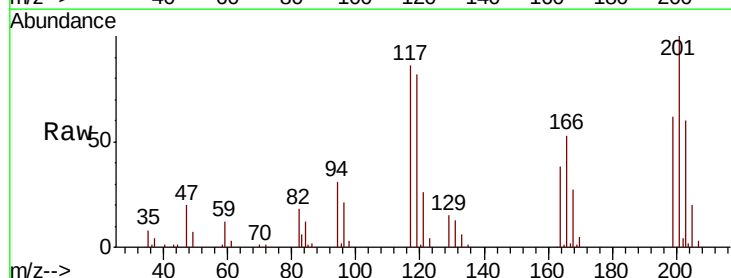
Tgt Ion:117 Resp: 48352

Ion Ratio Lower Upper

117 100

119 95.8 76.3 114.5

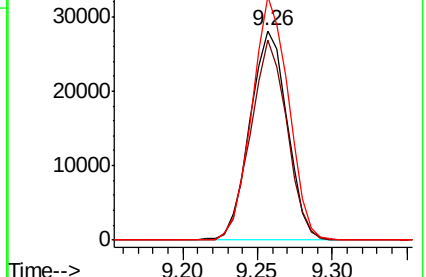
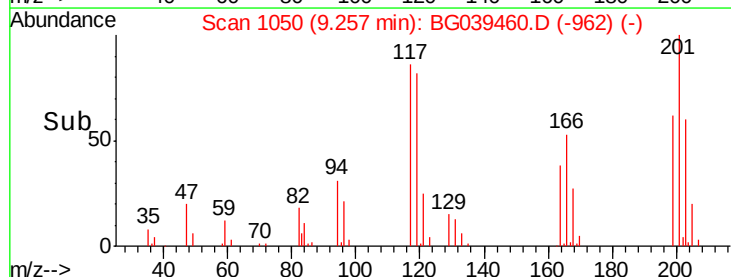
201 116.3 91.1 136.7

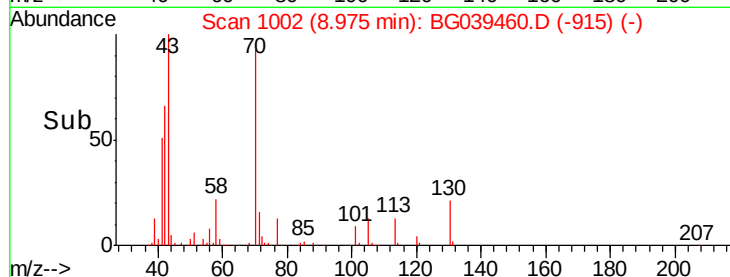
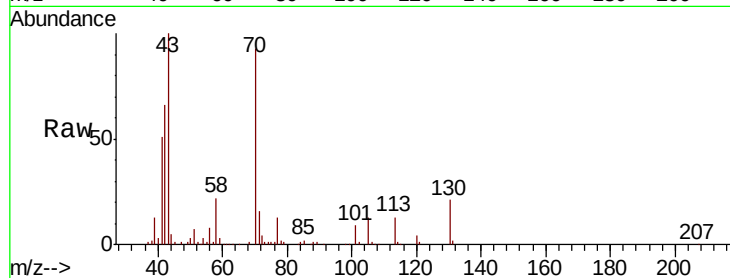
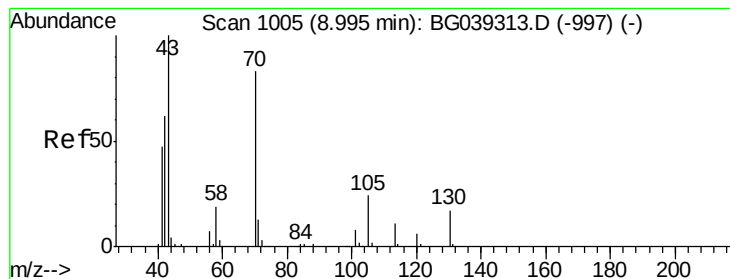


Abundance Ion 117.00 (116.70 to 117.70): E

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: 36.687 ng

RT: 8.97 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 122049

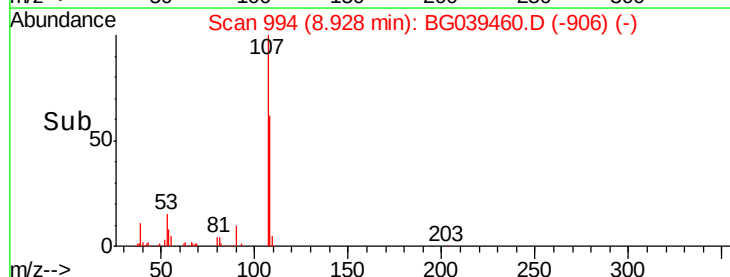
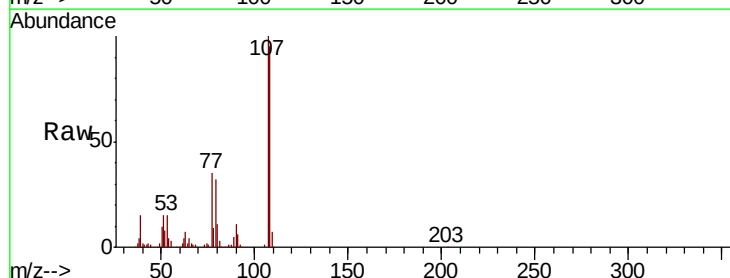
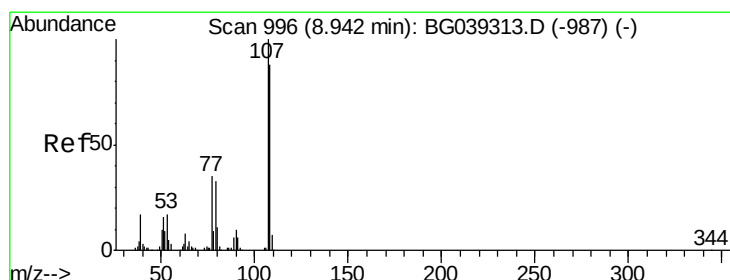
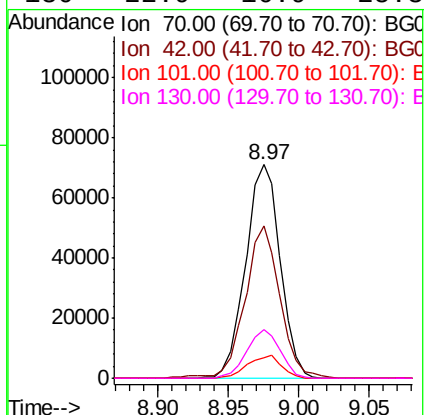
Ion Ratio Lower Upper

70 100

42 71.1 60.4 90.6

101 9.7 7.5 11.3

130 22.9 16.9 25.3



#20

3+4-Methylphenols

Concen: 45.390 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Tgt Ion: 107 Resp: 197630

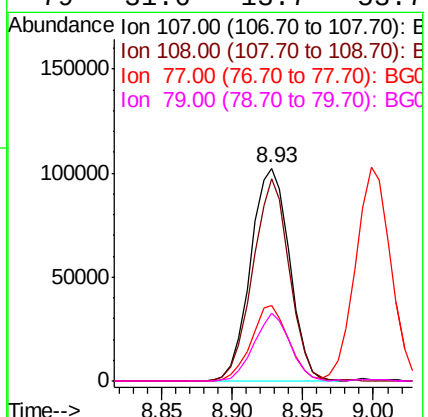
Ion Ratio Lower Upper

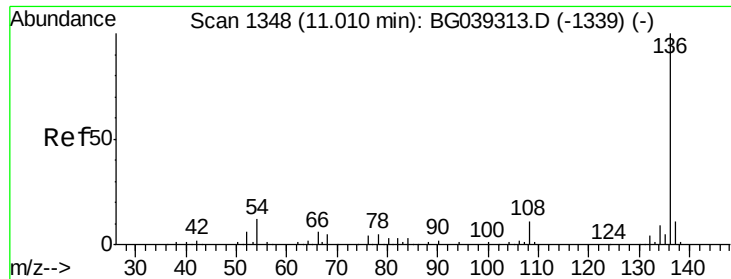
107 100

108 94.9 67.9 107.9

77 35.2 15.4 55.4

79 31.6 13.7 53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 284819

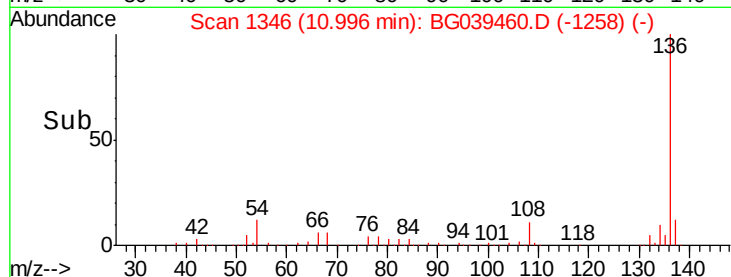
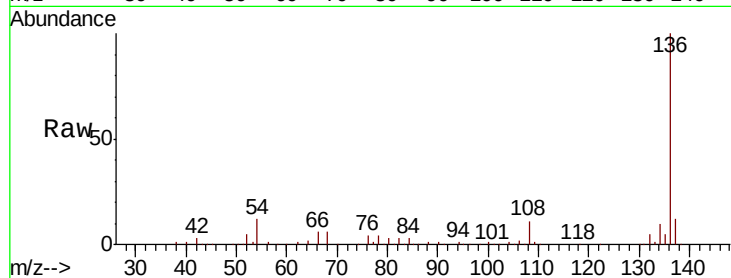
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 11.9 9.4 14.2

68 6.2 4.2 6.4

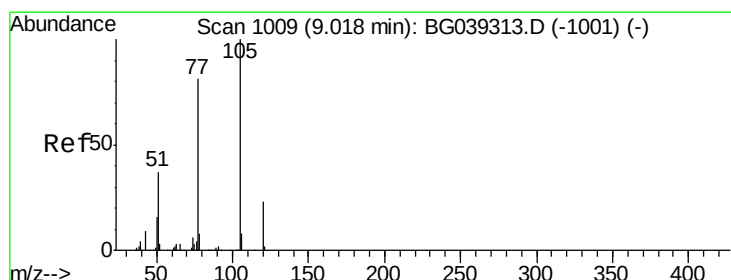
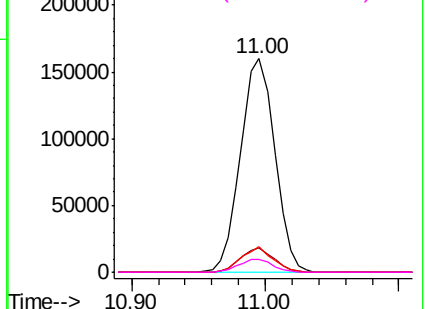


Abundance Ion 136.00 (135.70 to 136.70): E

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: 29.212 ng

RT: 9.00 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Tgt Ion:105 Resp: 223493

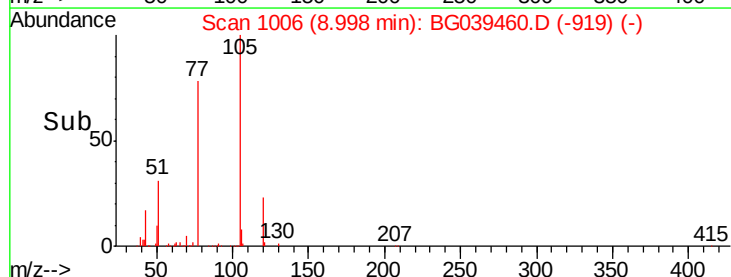
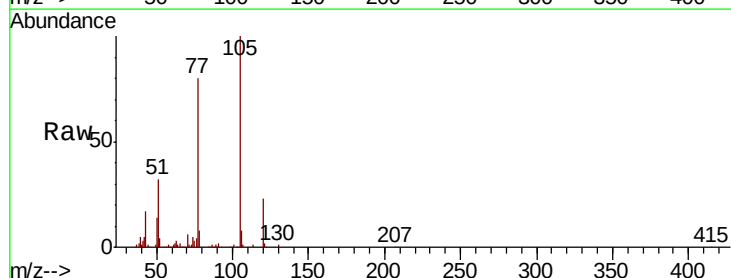
Ion Ratio Lower Upper

105 100

71 0.8 0.8 1.2#

51 32.3 30.2 45.2

120 22.6 18.0 27.0

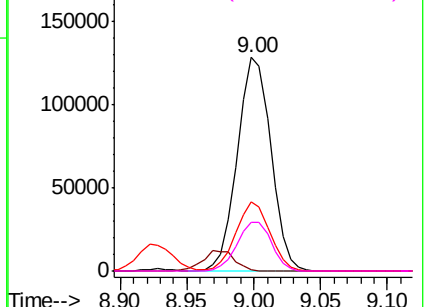


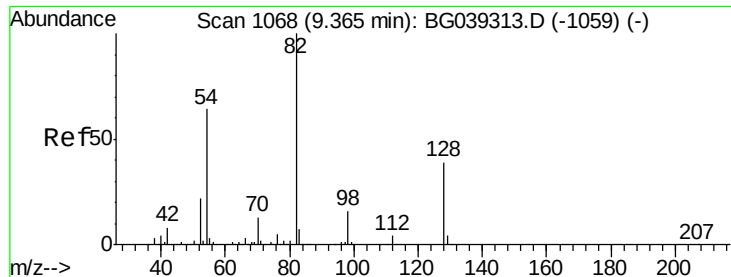
Abundance Ion 105.00 (104.70 to 105.70): E

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

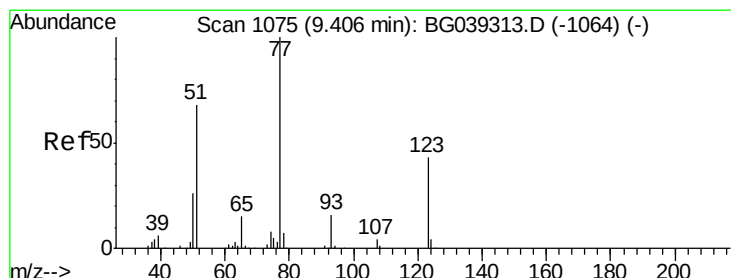
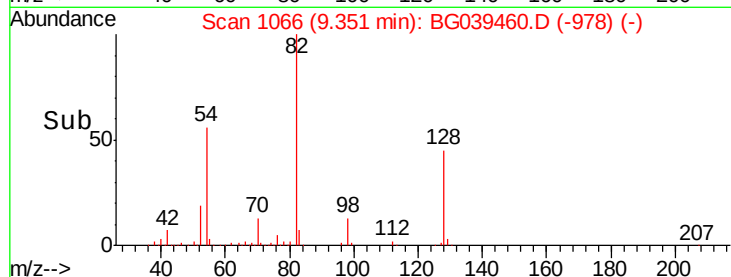
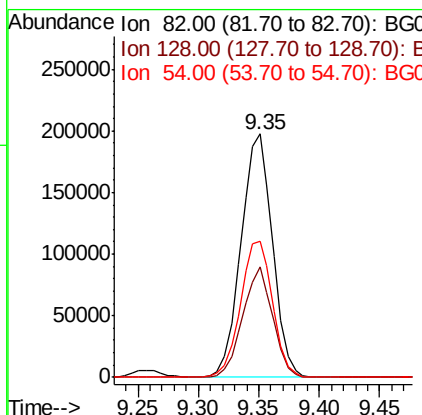
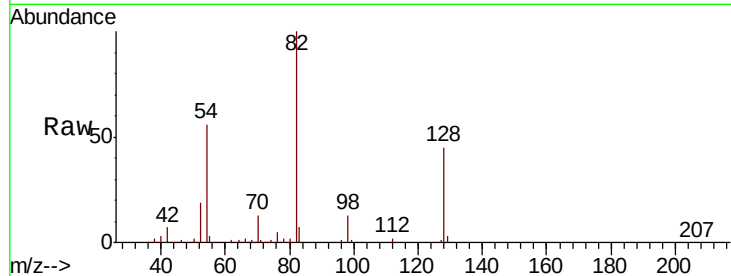




#23
 Nitrobenzene-d5
 Concen: 78.517 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

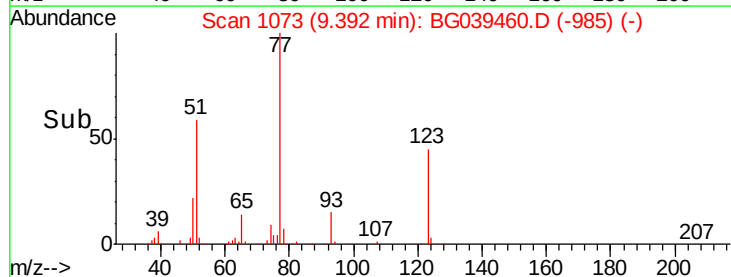
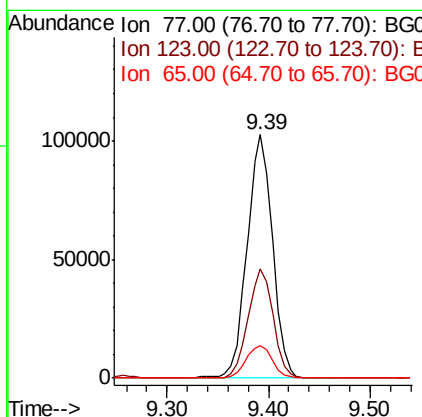
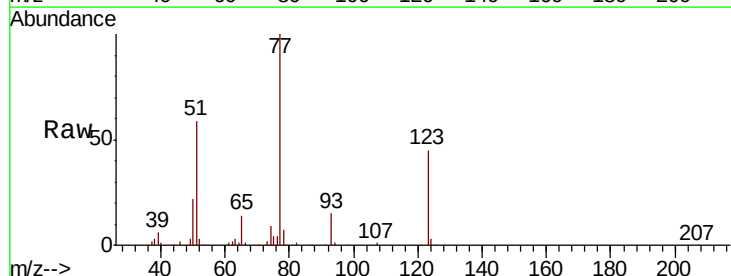
Instrument :
 BNA_G
 ClientSampled :

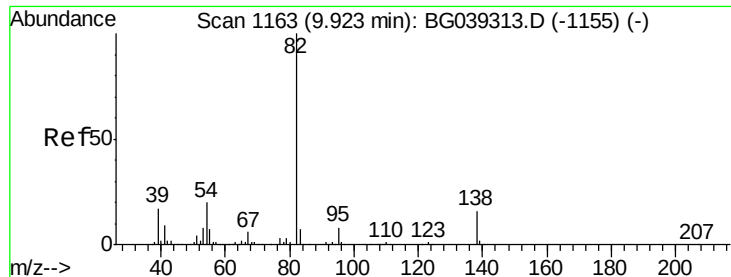
Tot Ion	82.00	Resp	357973
Ion Ratio	Lower	Upper	
82	100		
128	45.4	31.3	46.9
54	56.1	50.9	76.3



#24
 Nitrobenzene
 Concen: 36.104 ng
 RT: 9.39 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

Tgt Ion	77.00	Resp	177828
Ion Ratio	Lower	Upper	
77	100		
123	44.7	34.1	51.1
65	13.5	12.3	18.5





#25

Isophorone

Concen: 35.454 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

ClientSampled :

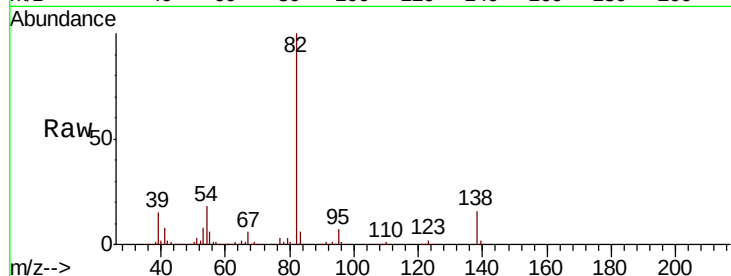
Tot Ion: 82 Resp: 358199

Ion Ratio Lower Upper

82 100

95 7.3 6.2 9.2

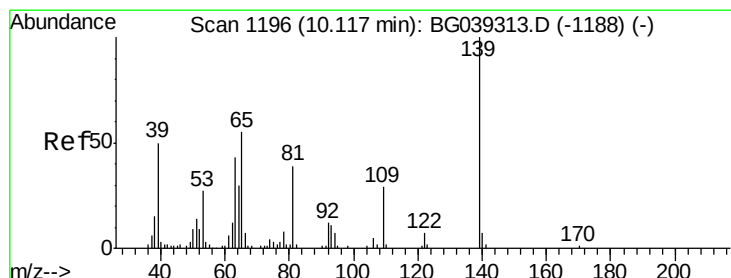
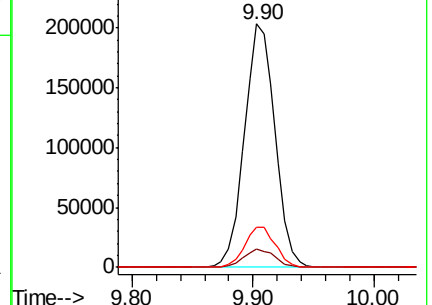
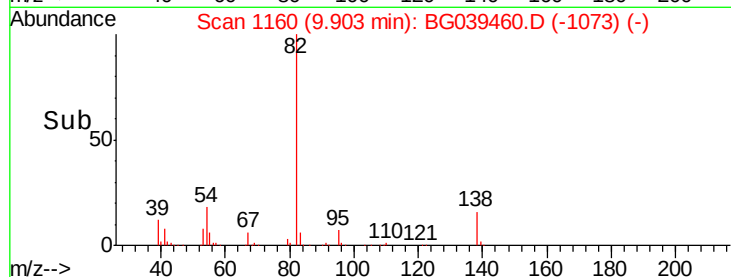
138 16.3 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BG039313.D (-1155) (-)

Ion 95.00 (94.70 to 95.70): BG039313.D (-1155) (-)

Ion 138.00 (137.70 to 138.70): BG039313.D (-1155) (-)



#26

2-Nitrophenol

Concen: 45.638 ng

RT: 10.10 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

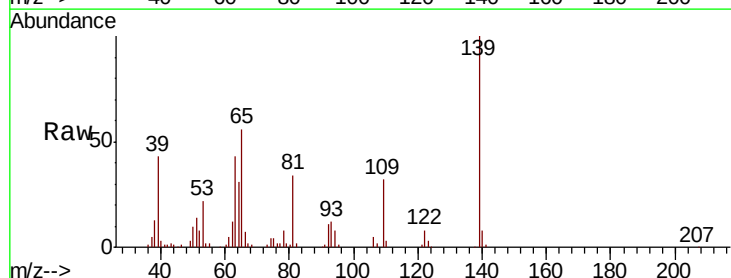
Tgt Ion: 139 Resp: 86385

Ion Ratio Lower Upper

139 100

109 31.8 23.4 35.0

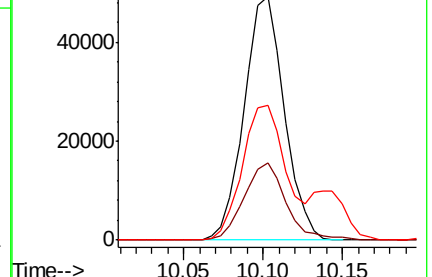
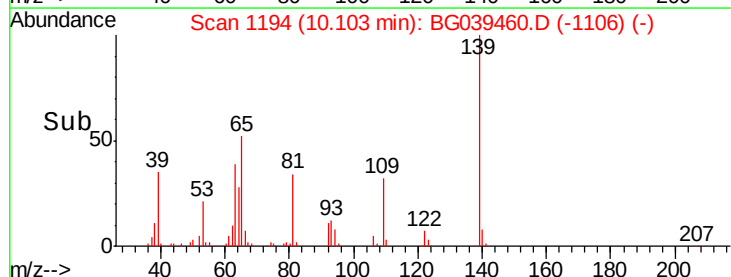
65 55.5 44.3 66.5

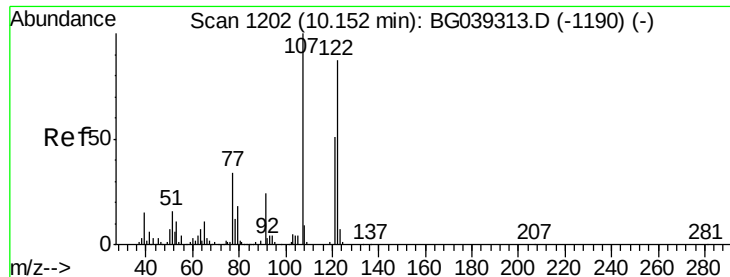


Abundance Ion 139.00 (138.70 to 139.70): BG039313.D (-1188) (-)

Ion 109.00 (108.70 to 109.70): BG039313.D (-1188) (-)

Ion 65.00 (64.70 to 65.70): BG039313.D (-1188) (-)

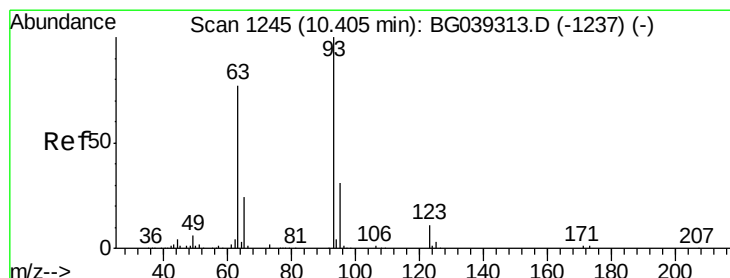
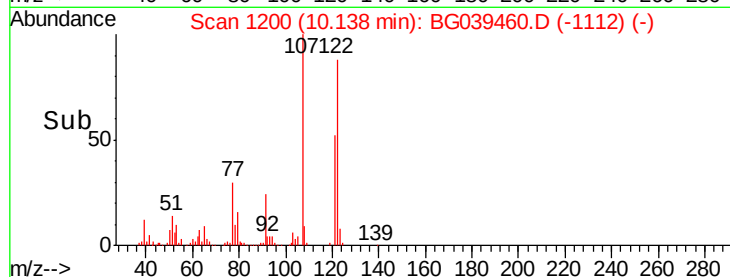
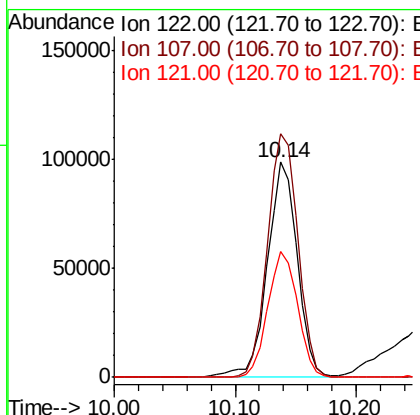
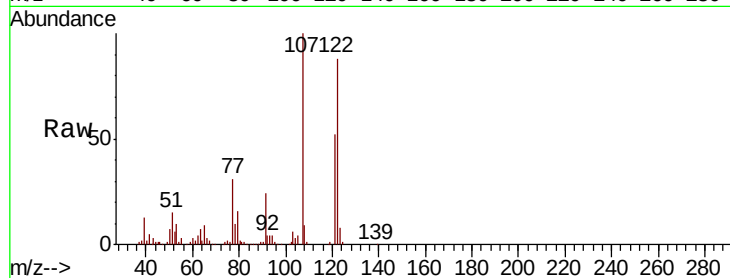




#27
2,4-Dimethylphenol
Concen: 41.429 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

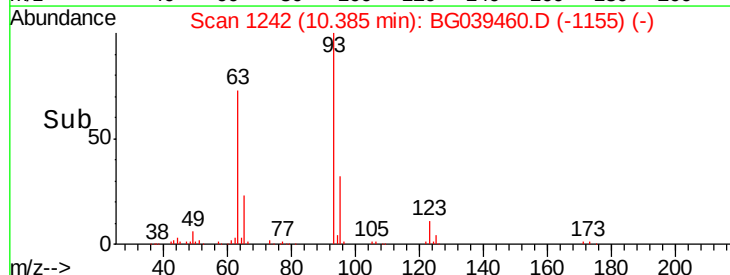
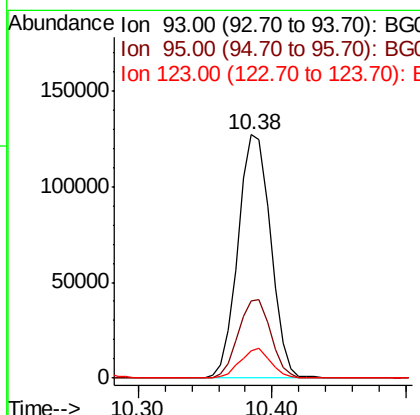
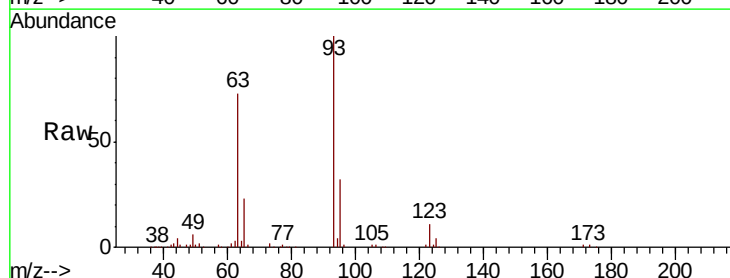
Instrument :
BNA_G
ClientSampleId :

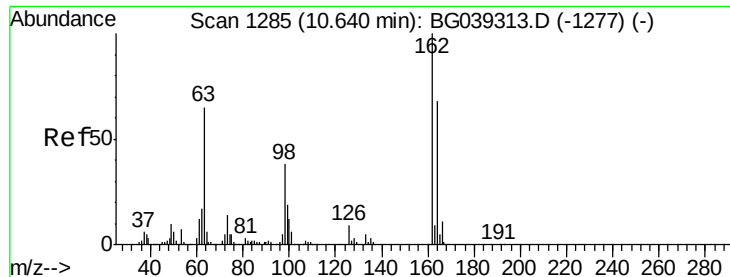
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.3	91.7	137.5
121	58.7	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 34.463 ng
RT: 10.38 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.0	37.4
123	11.1	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 39.961 ng

RT: 10.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

ClientSampleId :

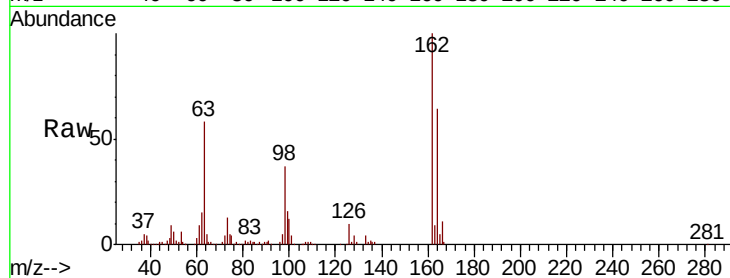
Tot Ion:162 Resp: 178497

Ion Ratio Lower Upper

162 100

164 64.1 48.1 88.1

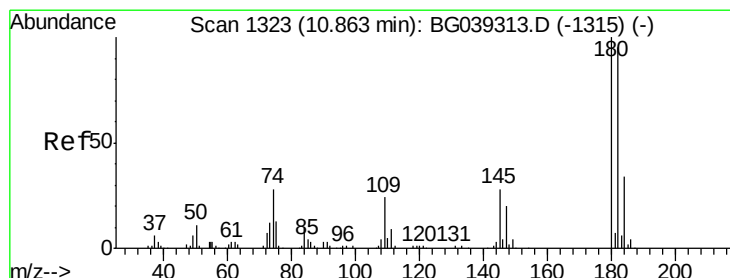
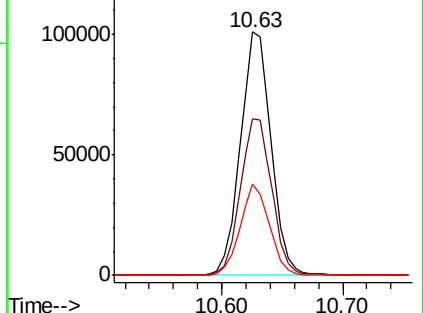
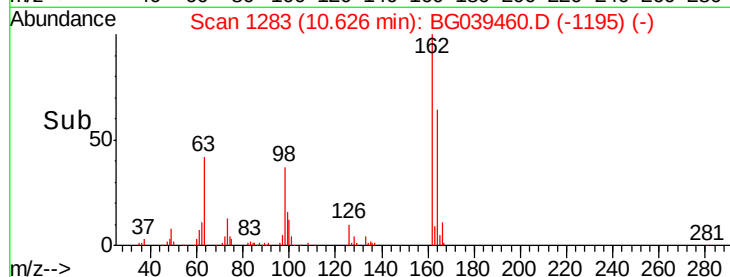
98 37.3 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 32.354 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

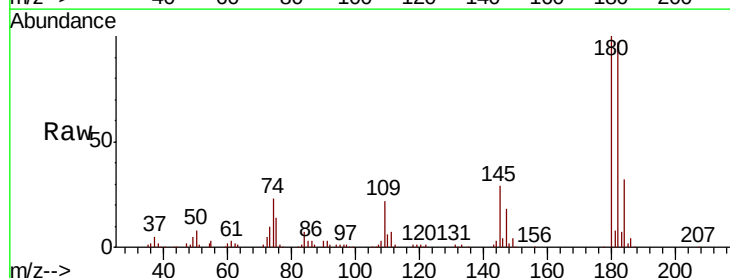
Tgt Ion:180 Resp: 162249

Ion Ratio Lower Upper

180 100

182 96.7 76.0 114.0

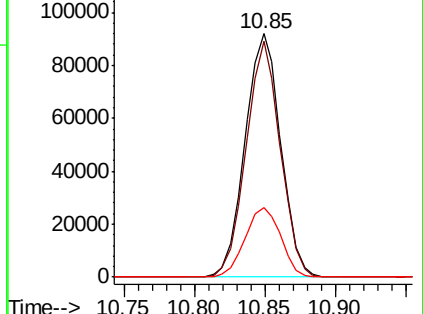
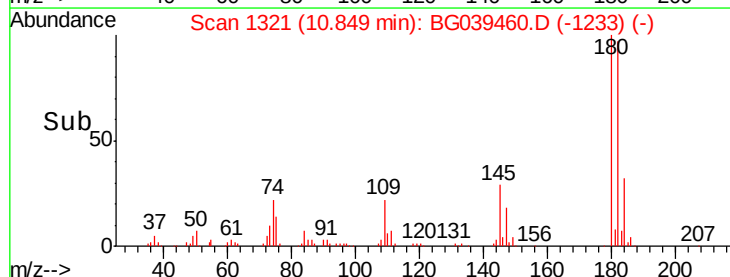
145 28.5 22.7 34.1

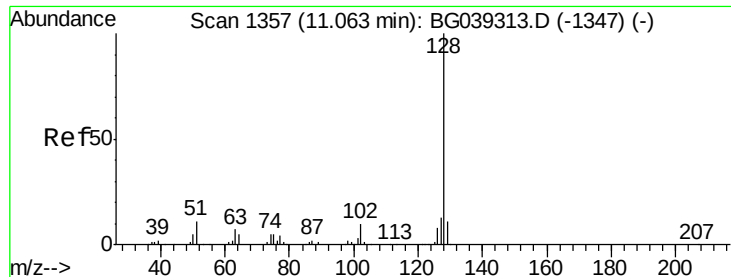


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

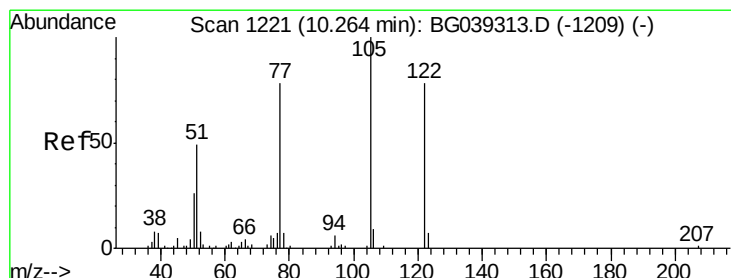
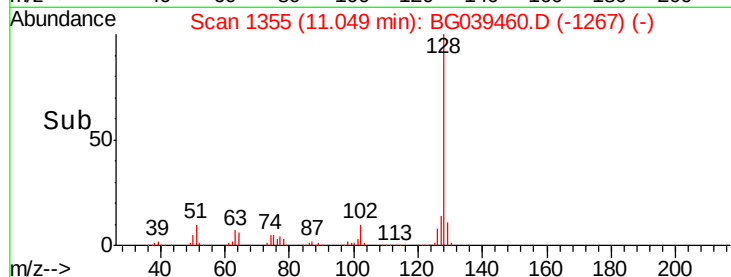
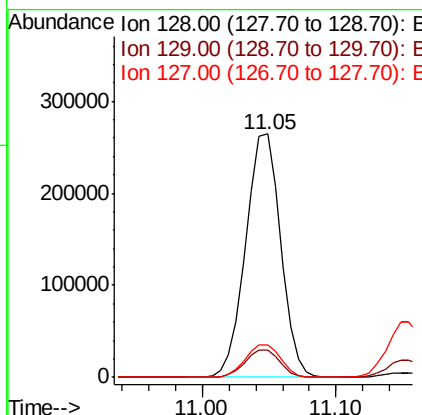
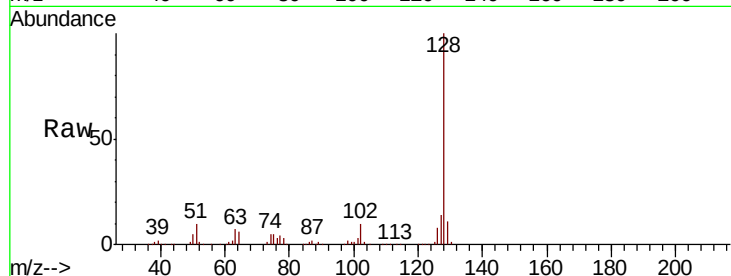




#31
Naphthalene
Concen: 33.817 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

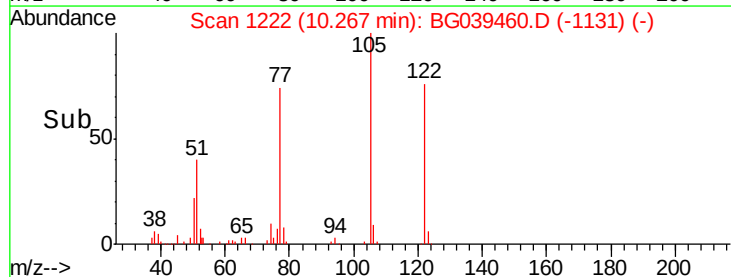
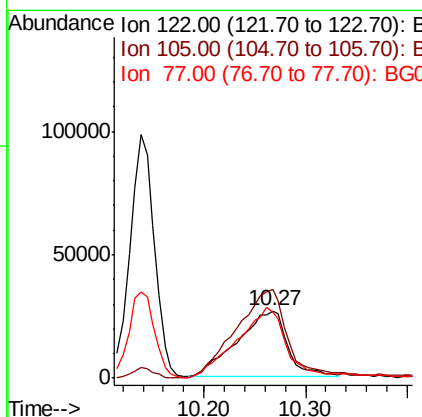
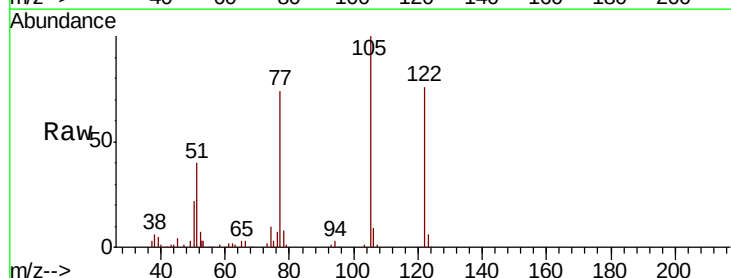
Instrument :
BNA_G
ClientSampleId :

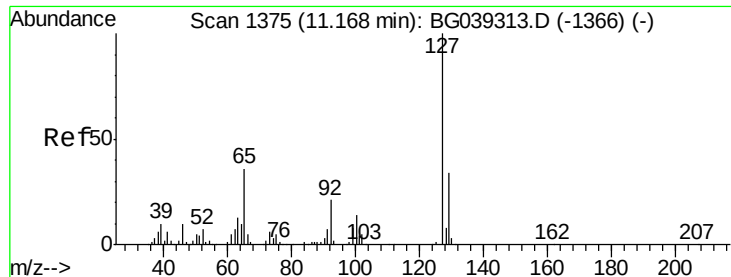
Tot Ion:128 Resp: 477830
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 36.631 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion:122 Resp: 90992
Ion Ratio Lower Upper
122 100
105 132.4 101.8 141.8
77 97.7 76.3 116.3

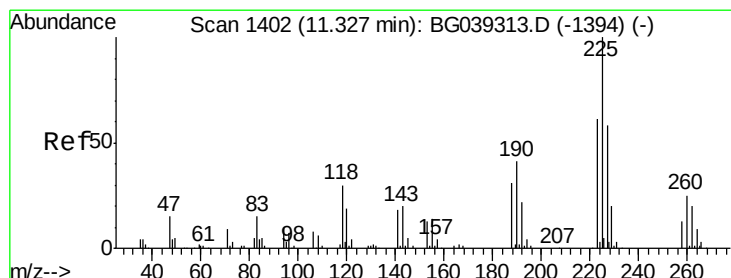
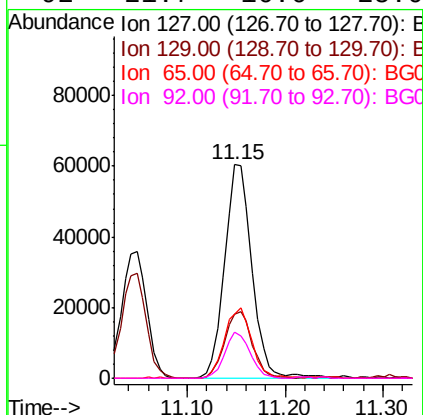
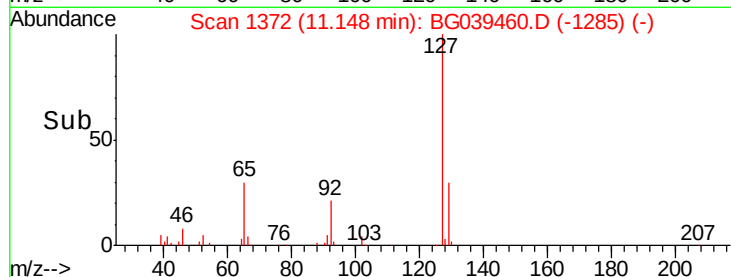
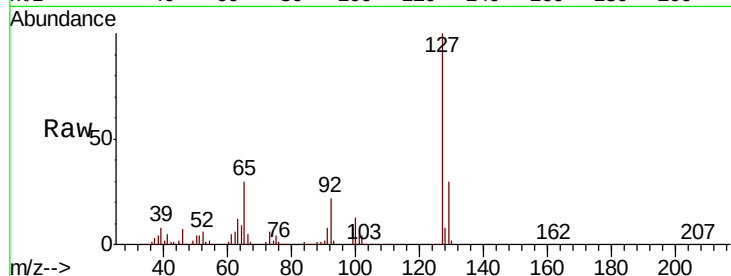




#33
4-Chloroaniline
Concen: 17.910 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

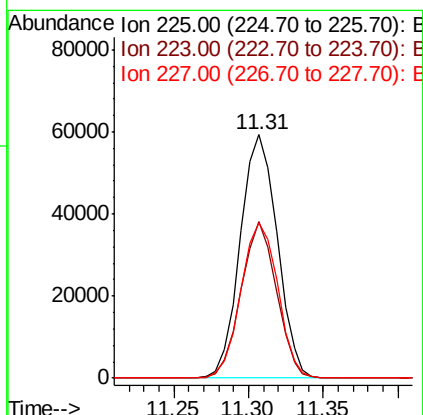
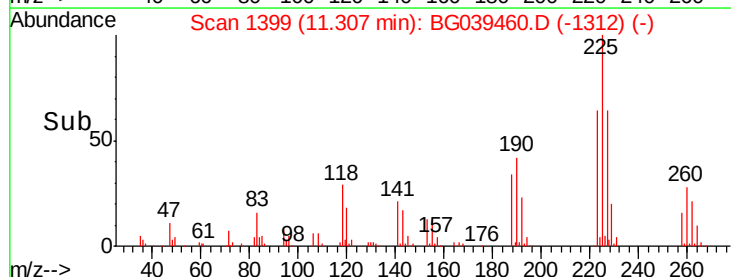
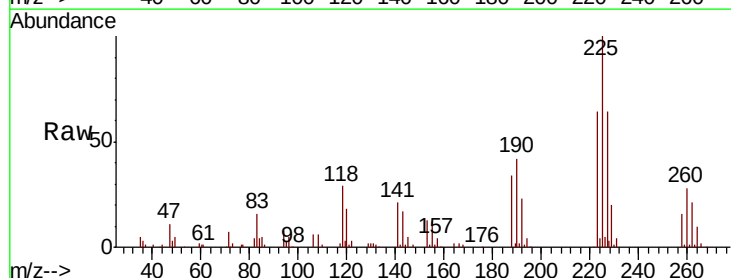
Instrument :
BNA_G
ClientSampled :

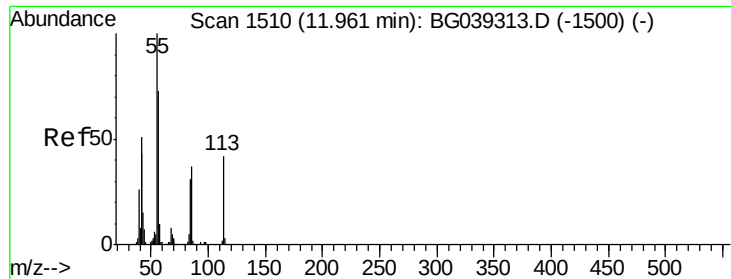
Tot Ion:	127	Resp:	117339
Ion	Ratio	Lower	Upper
127	100		
129	29.7	27.0	40.4
65	30.1	28.8	43.2
92	21.7	16.6	25.0



#34
Hexachlorobutadiene
Concen: 30.579 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion:	225	Resp:	101981
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.0	73.6
227	63.6	46.3	69.5

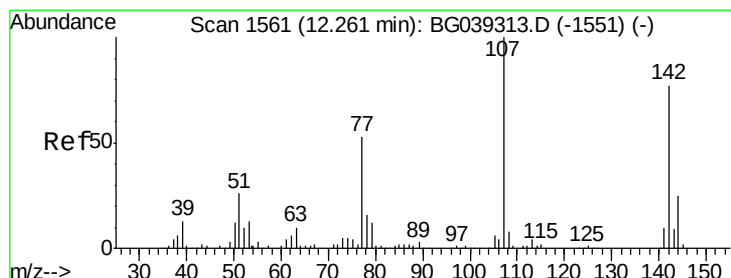
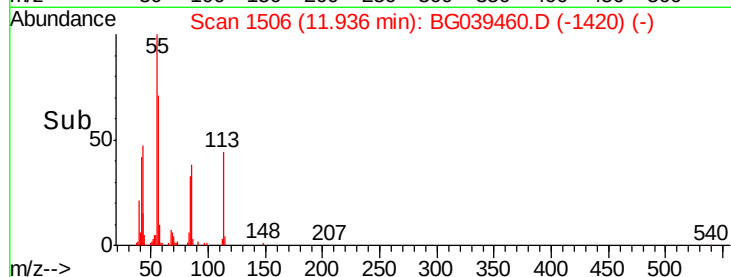
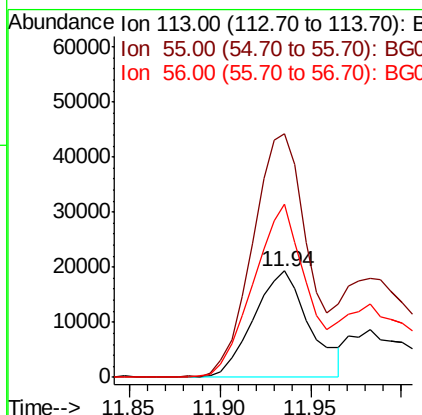
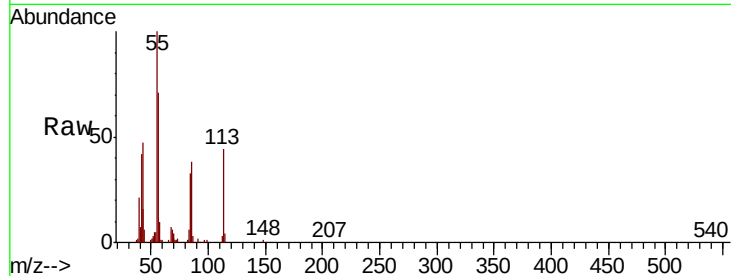




#35
 Caprolactam
 Concen: 22.435 ng
 RT: 11.94 min Scan# 1506
 Delta R.T. -0.03 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

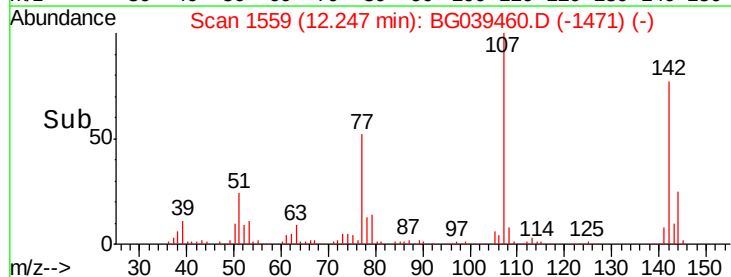
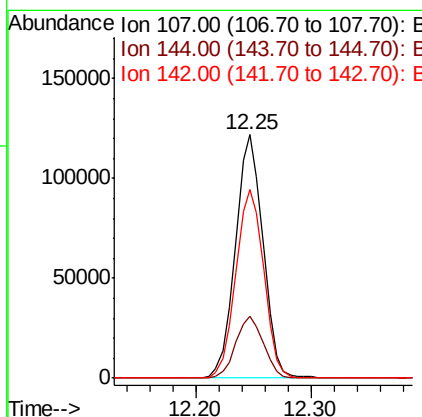
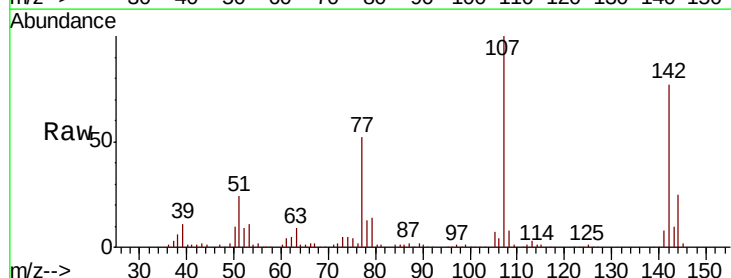
Instrument :
 BNA_G
 ClientSampled :

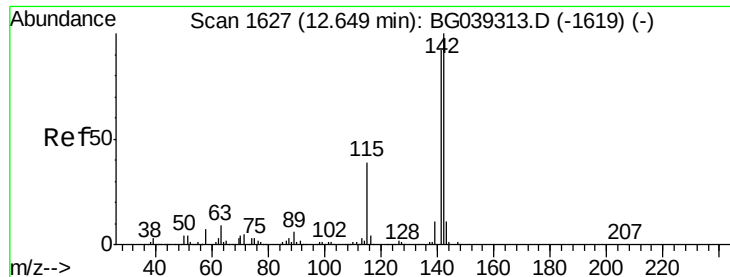
Tot Ion:113 Resp: 41468
 Ion Ratio Lower Upper
 113 100
 55 229.6 216.9 256.9
 56 163.1 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 38.958 ng
 RT: 12.25 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

Tgt Ion:107 Resp: 201248
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.2 30.2
 142 77.2 61.4 92.2

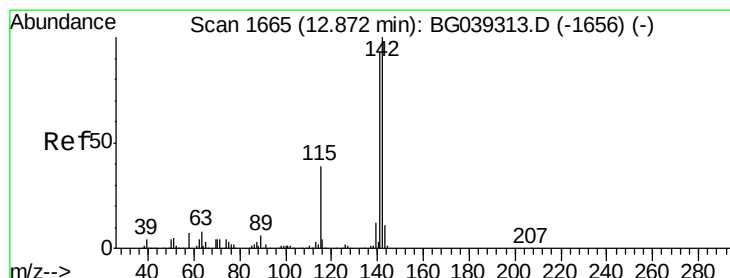
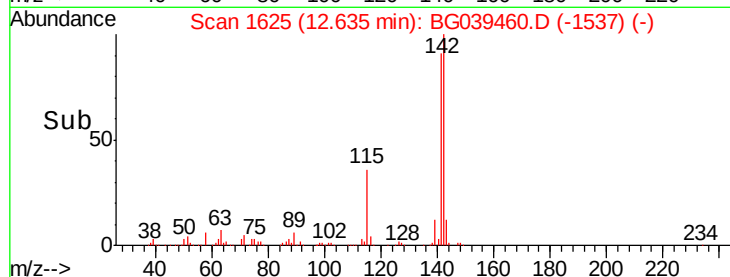
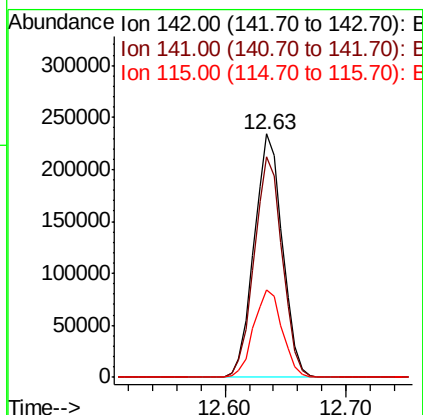
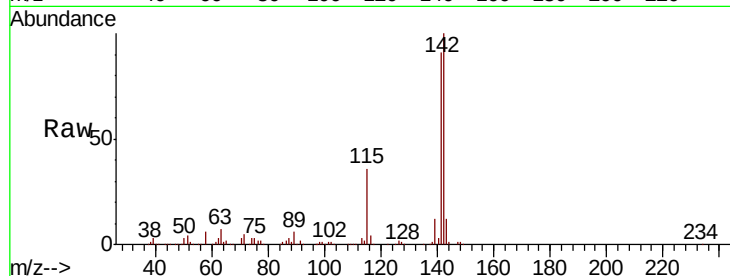




#37
 2-Methylnaphthalene
 Concen: 36.649 ng
 RT: 12.63 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

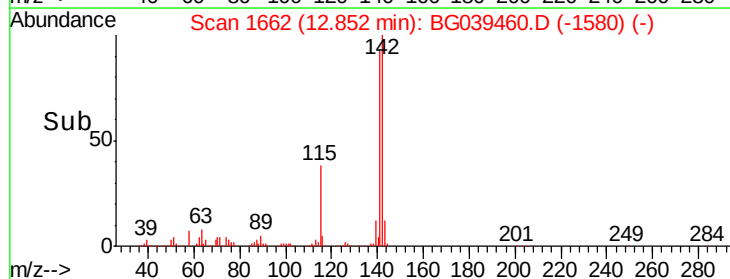
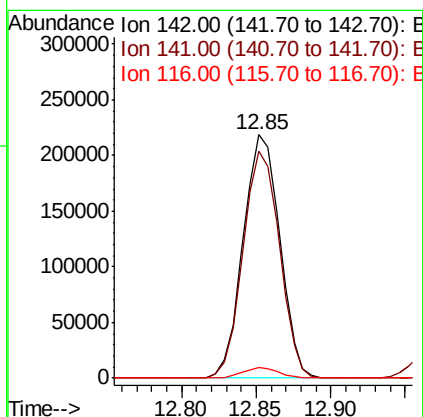
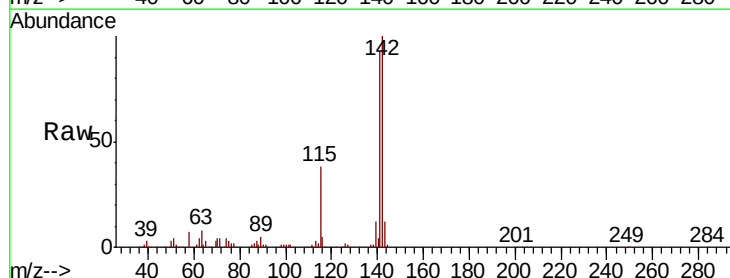
Instrument :
 BNA_G
 ClientSampleId :

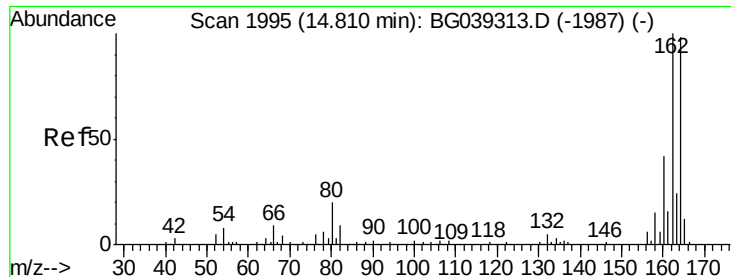
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.5	110.3
115	35.9	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 36.853 ng
 RT: 12.85 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.2	111.4
116	4.5	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

ClientSampleId :

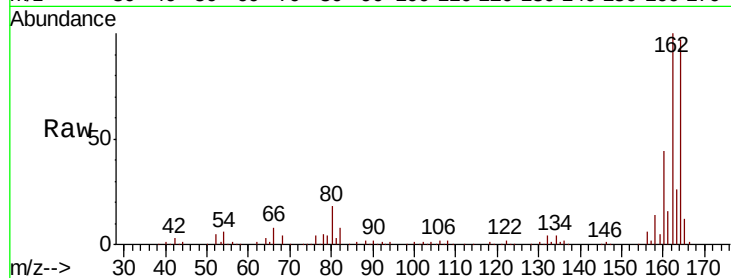
Tot Ion:164 Resp: 214652

Ion Ratio Lower Upper

164 100

162 102.7 81.6 122.4

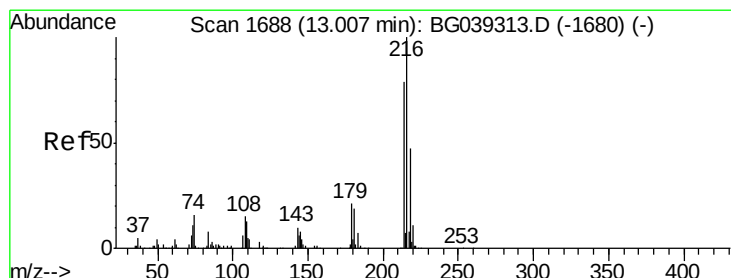
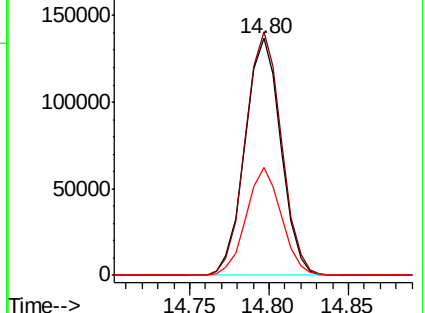
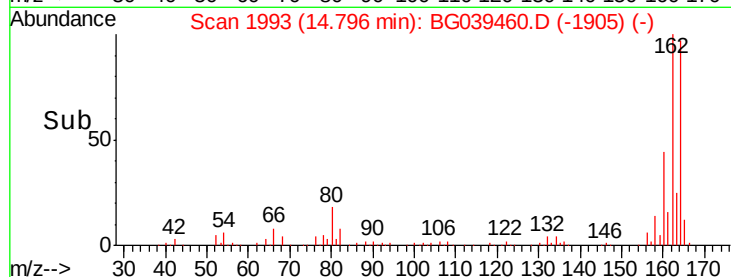
160 45.7 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 31.021 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Tgt Ion:216 Resp: 211860

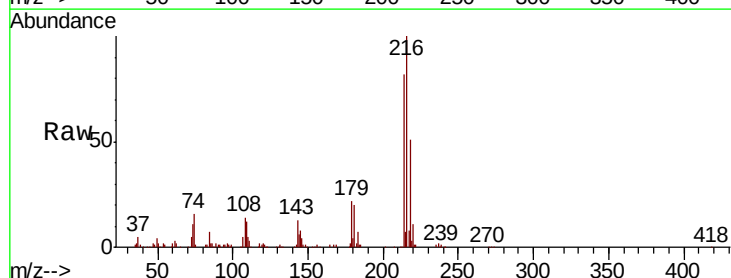
Ion Ratio Lower Upper

216 100

214 80.3 62.6 94.0

179 20.7 16.6 25.0

108 18.0 14.0 21.0

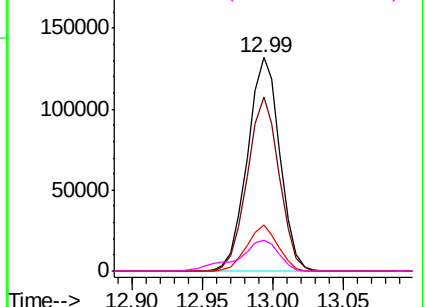
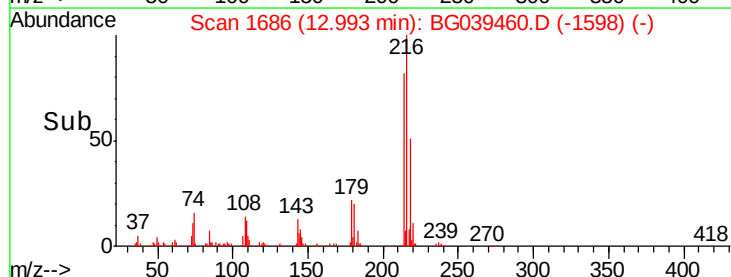


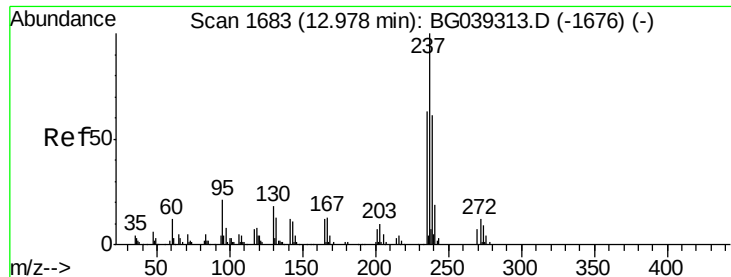
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 67.029 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

ClientSampleId :

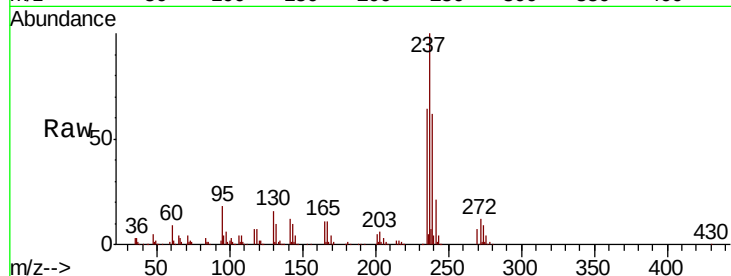
Tot Ion:237 Resp: 249453

Ion Ratio Lower Upper

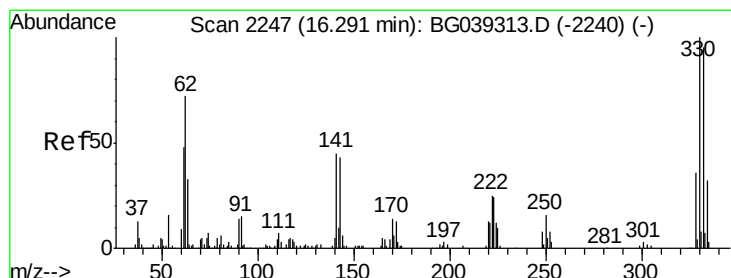
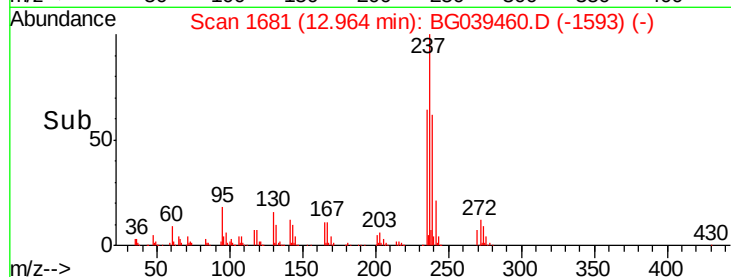
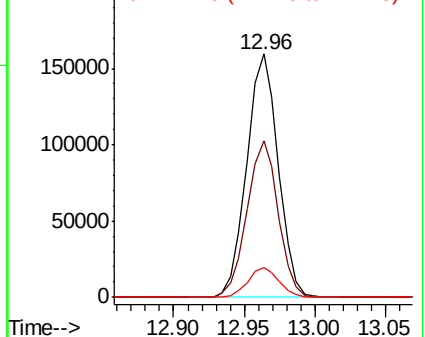
237 100

235 64.4 43.3 83.3

272 12.4 0.0 32.3



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: 115.620 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

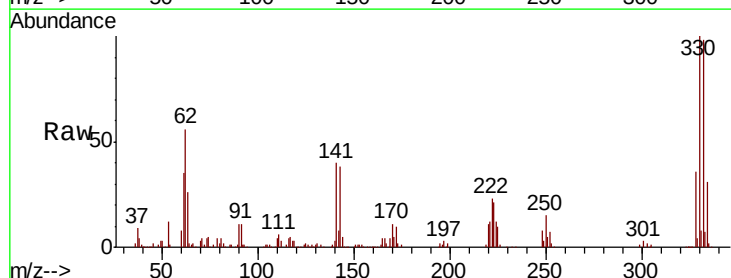
Tgt Ion:330 Resp: 267247

Ion Ratio Lower Upper

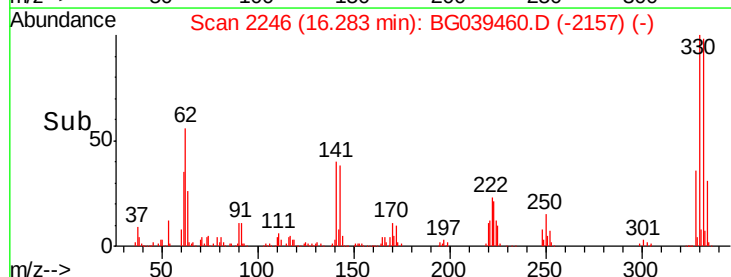
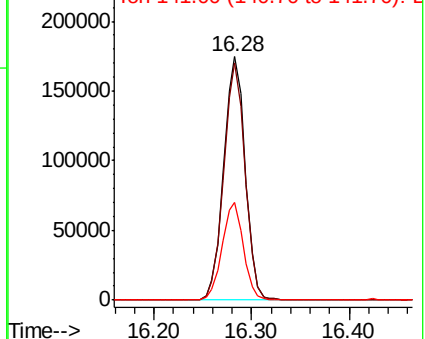
330 100

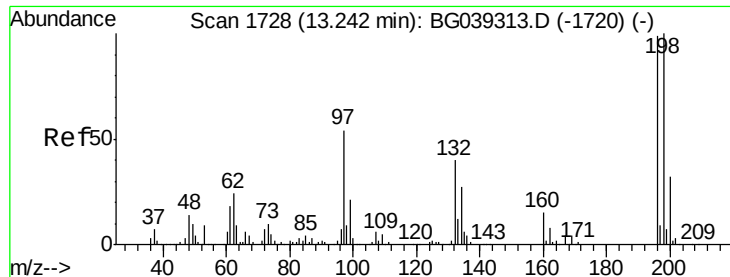
332 95.9 75.7 113.5

141 39.6 35.6 53.4



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

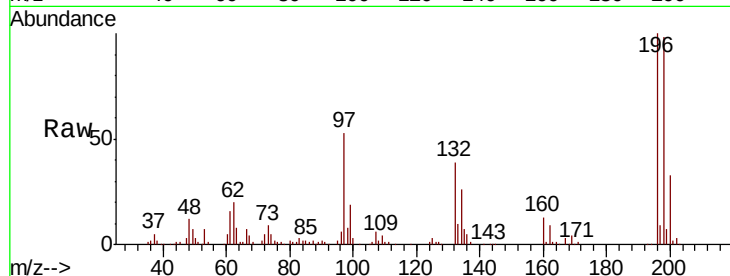




#43
 2,4,6-Trichlorophenol
 Concen: 37.105 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.8	80.6	121.0
200	32.7	26.1	39.1

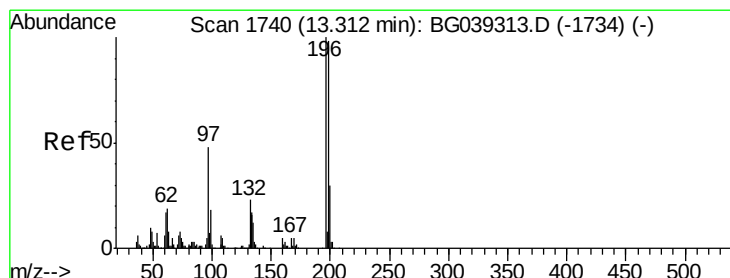
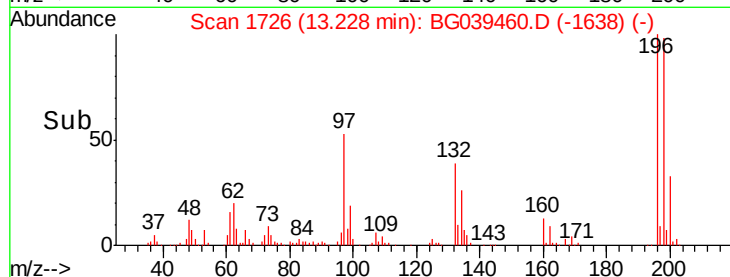
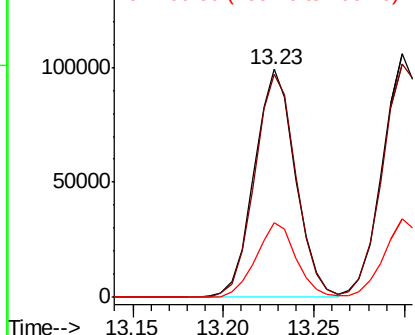


Abundance

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: 38.737 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	78.5	117.7
97	44.8	38.4	57.6
132	25.4	19.2	28.8

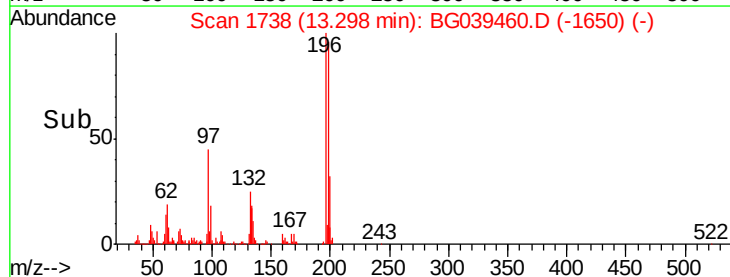
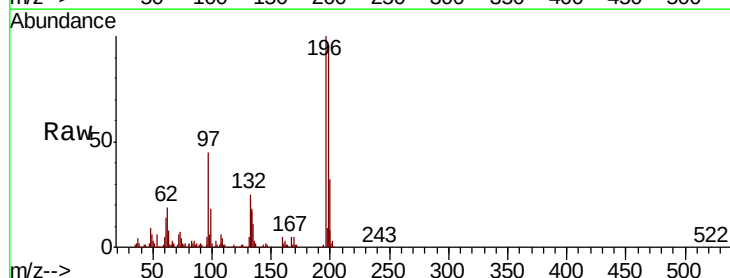
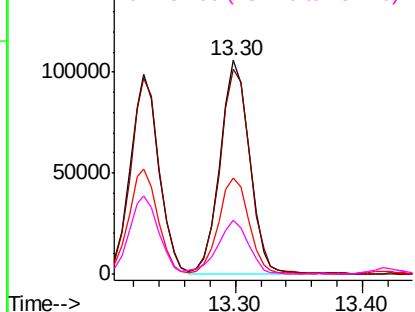
Abundance

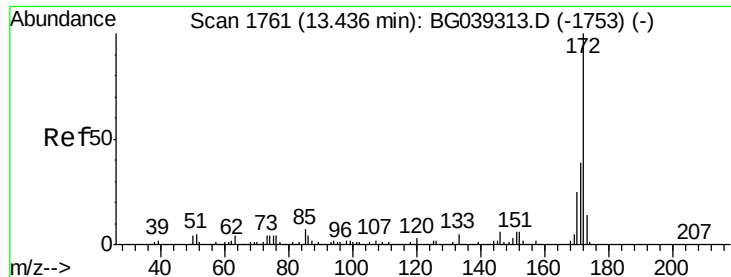
Ion 196.00 (195.70 to 196.70): E

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

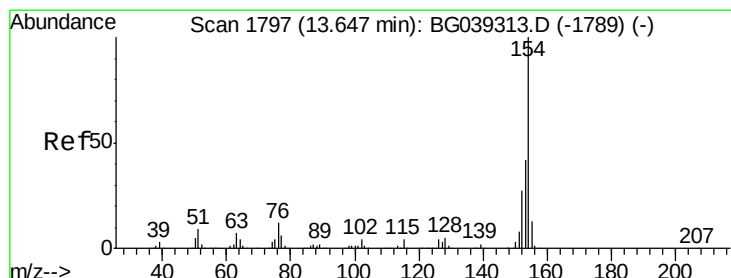
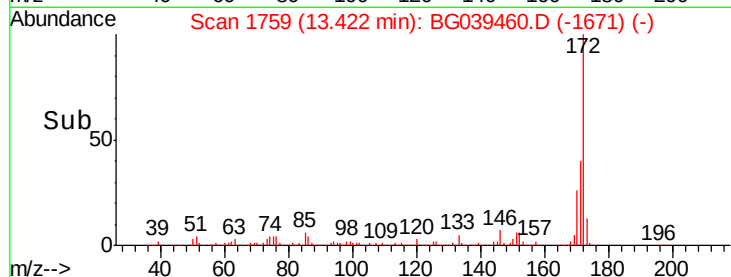
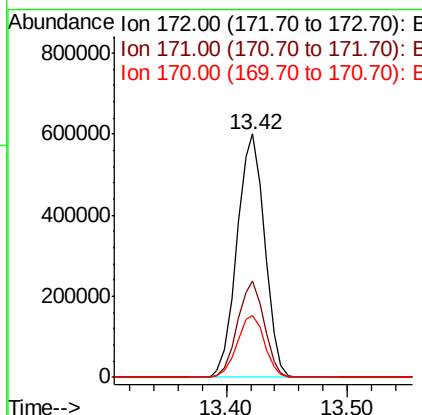
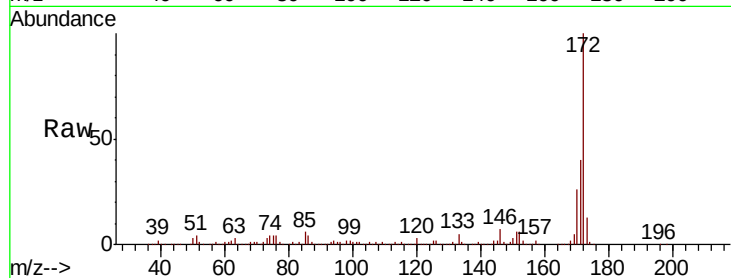




#45
2-Fluorobiphenyl
Concen: 63.903 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

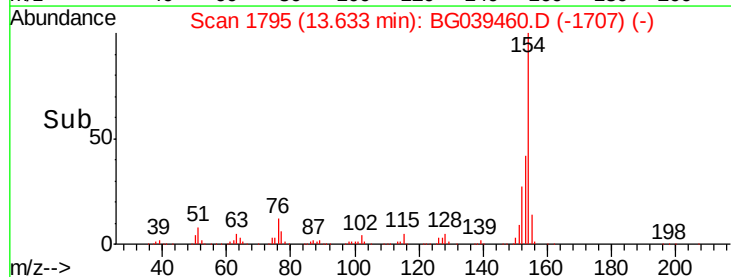
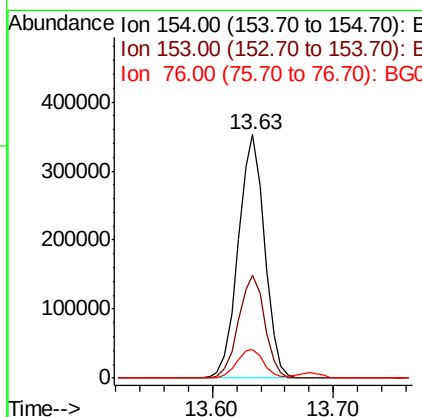
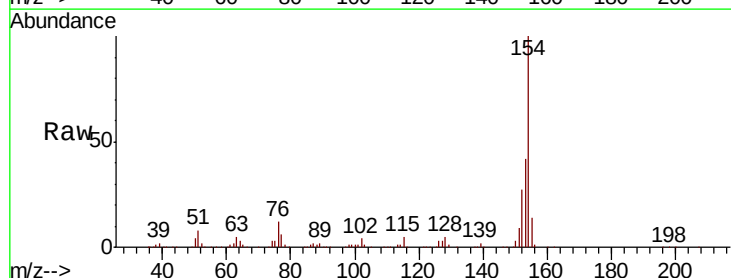
Instrument :
BNA_G
ClientSampleId :

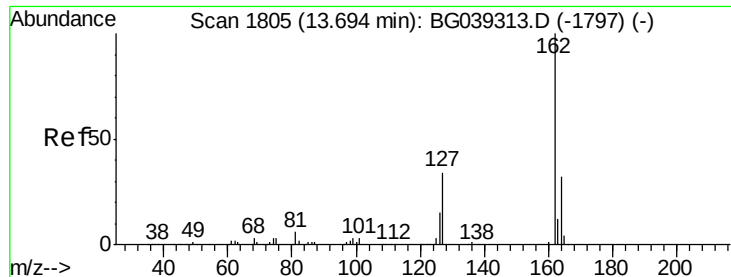
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.8	30.8	46.2
170	25.7	20.2	30.4



#46
1,1'-Biphenyl
Concen: 30.000 ng
RT: 13.63 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.1	62.1
76	11.8	0.0	32.4

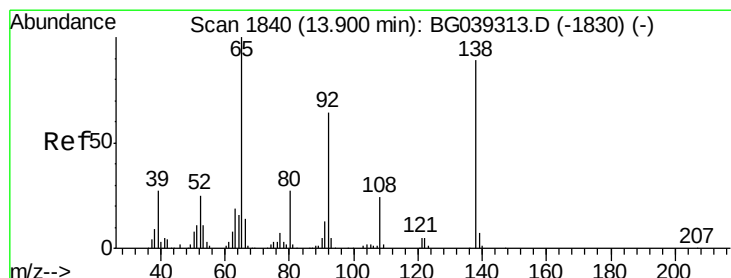
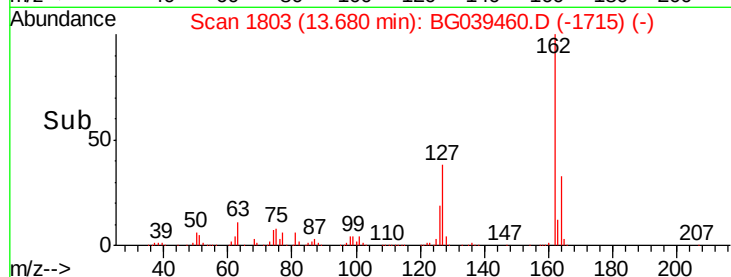
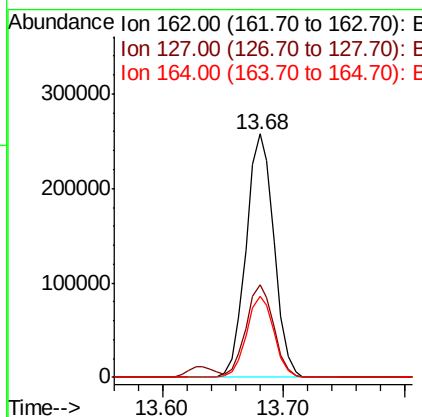
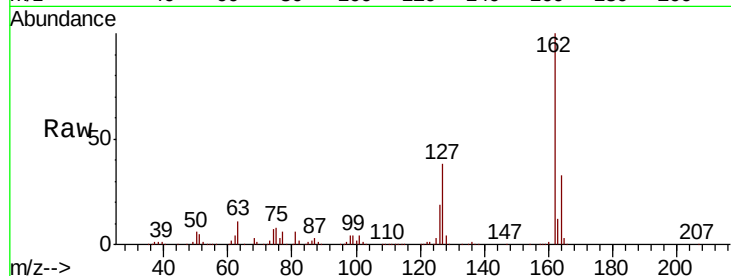




#47
 2-Chloronaphthalene
 Concen: 30.813 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

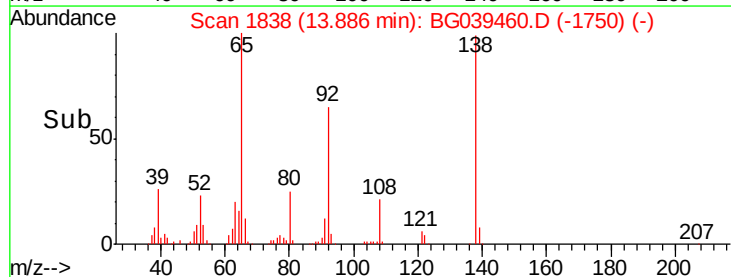
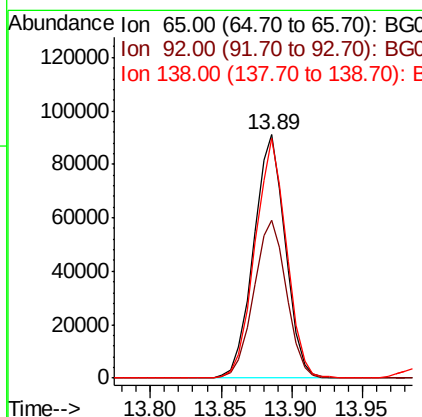
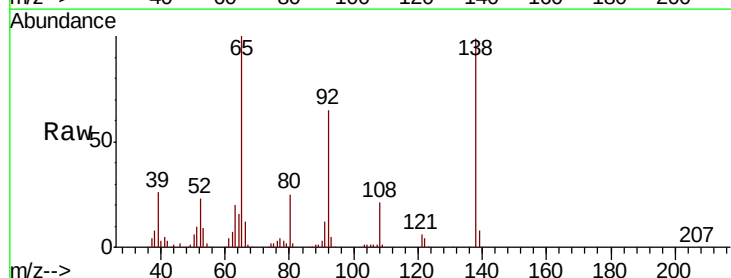
Instrument :
 BNA_G
 ClientSampleId :

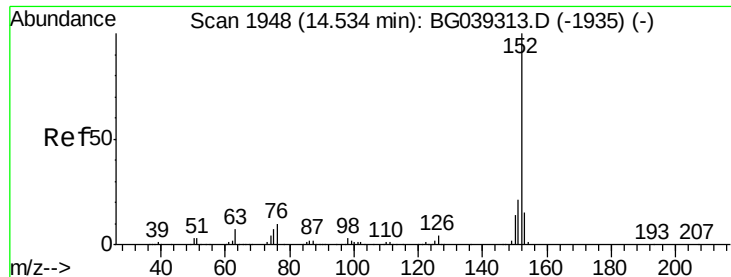
Tot Ion:162 Resp: 413986
 Ion Ratio Lower Upper
 162 100
 127 37.9 31.0 46.6
 164 33.0 25.7 38.5



#48
 2-Nitroaniline
 Concen: 39.146 ng
 RT: 13.89 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

Tgt Ion: 65 Resp: 143941
 Ion Ratio Lower Upper
 65 100
 92 64.7 51.4 77.2
 138 98.5 71.4 107.2





#49

Acenaphthylene

Concen: 33.261 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

ClientSampled :

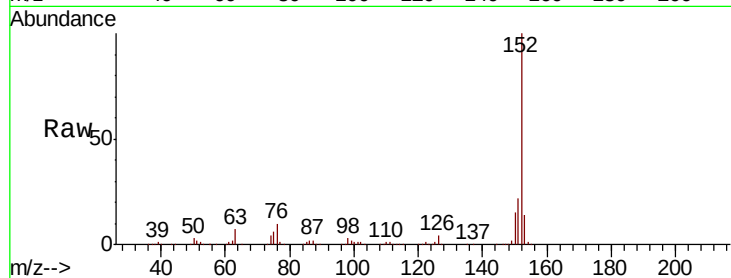
Tot Ion:152 Resp: 674306

Ion Ratio Lower Upper

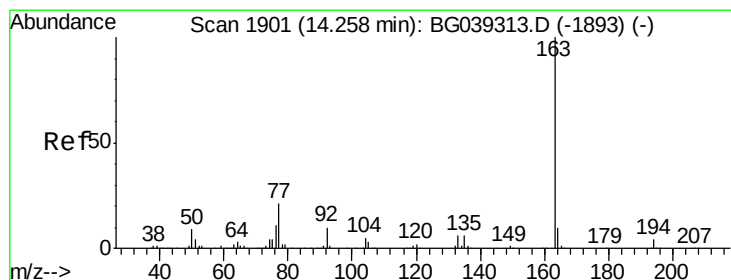
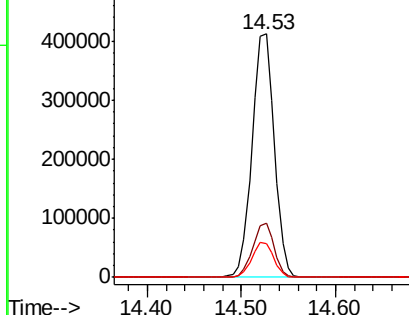
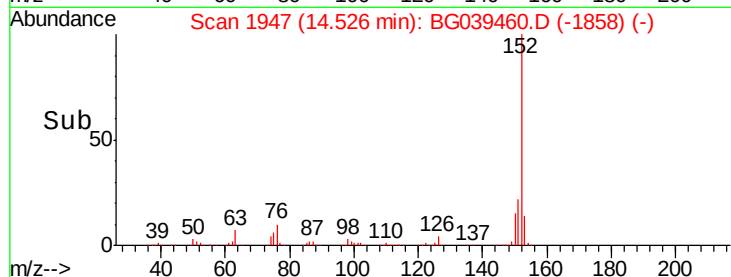
152 100

151 22.4 16.8 25.2

153 14.1 11.7 17.5



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: 32.972 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

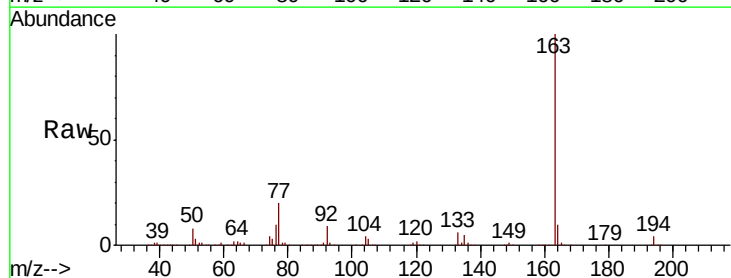
Tgt Ion:163 Resp: 571612

Ion Ratio Lower Upper

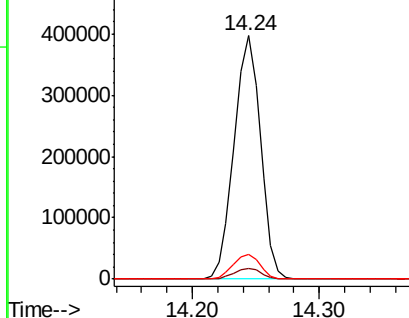
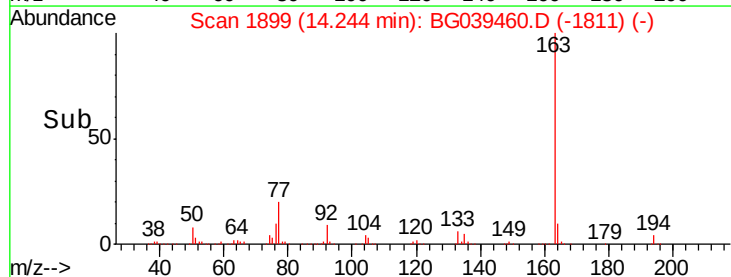
163 100

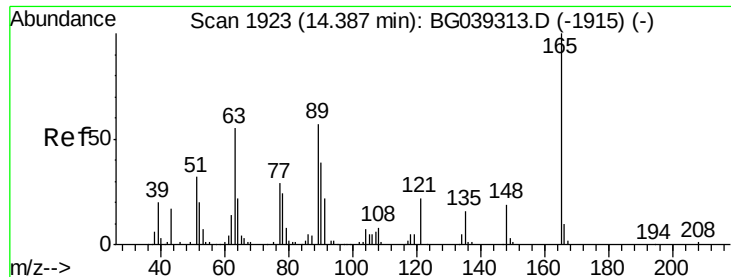
194 4.5 3.6 5.4

164 10.0 8.4 12.6



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: 40.750 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

ClientSampleId :

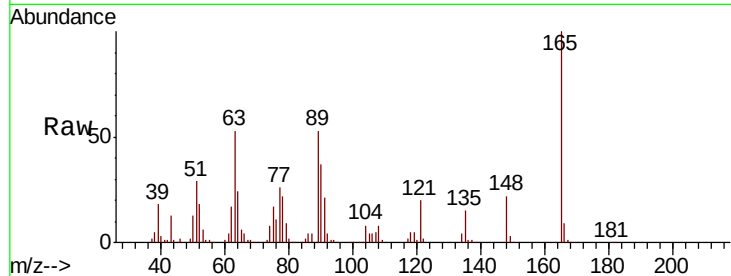
Tot Ion:165 Resp: 128313

Ion Ratio Lower Upper

165 100

63 52.8 47.0 70.6

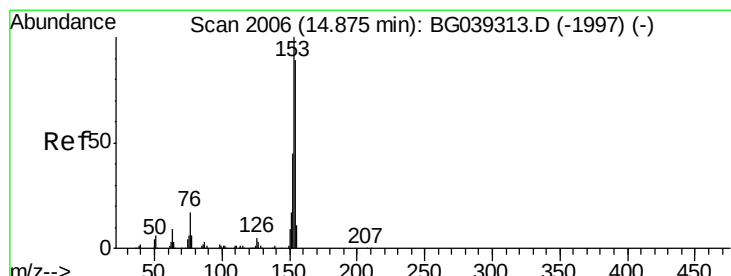
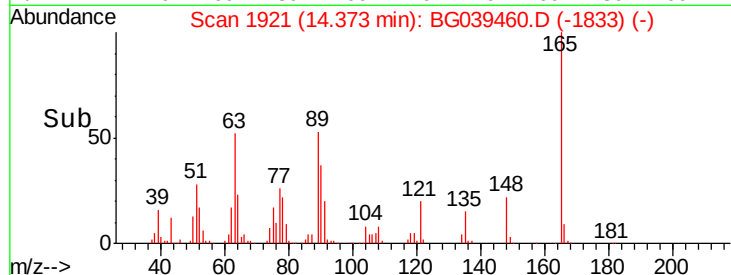
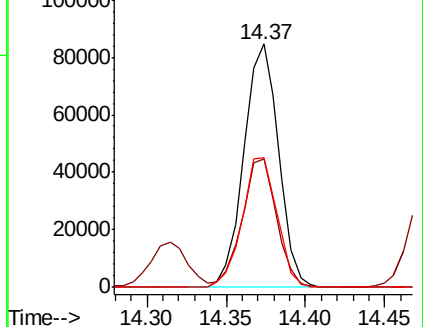
89 53.2 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 31.510 ng

RT: 14.86 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

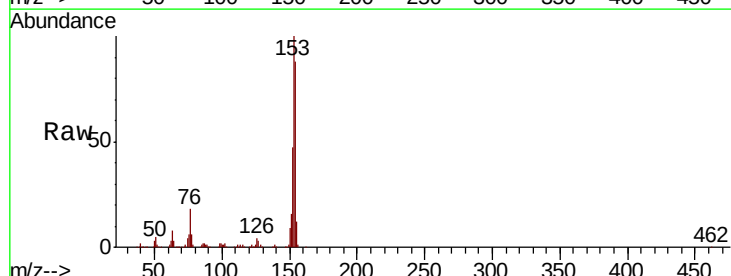
Tgt Ion:154 Resp: 414652

Ion Ratio Lower Upper

154 100

153 113.8 90.1 135.1

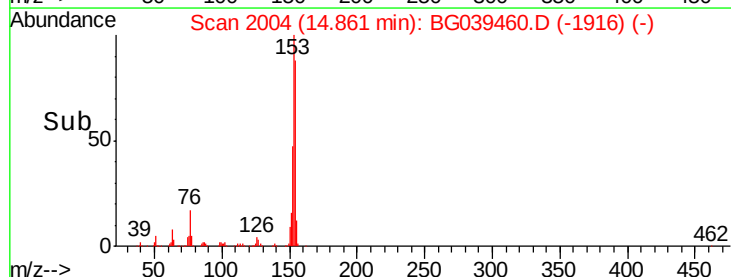
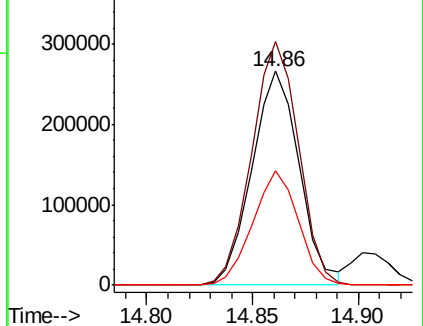
152 53.3 40.9 61.3

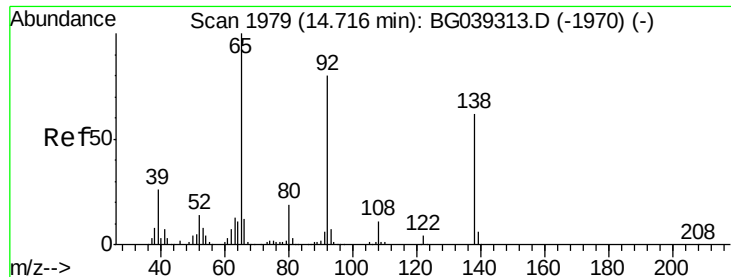


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

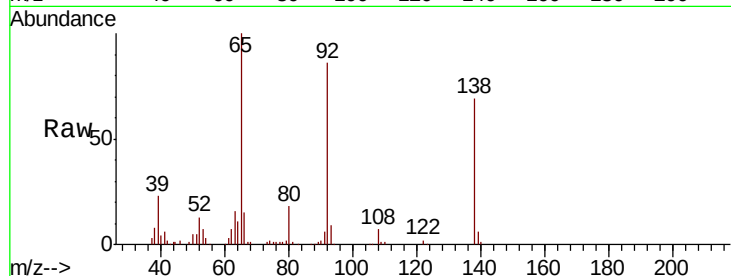




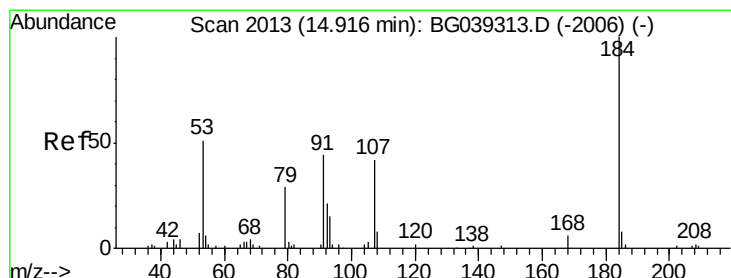
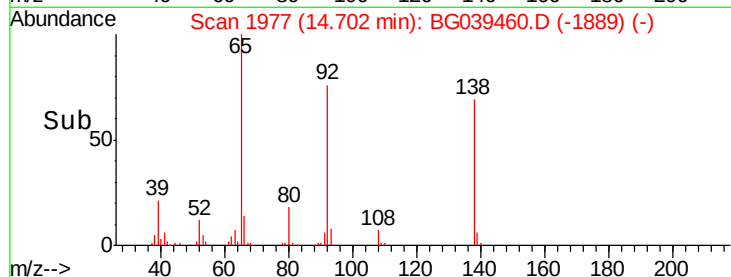
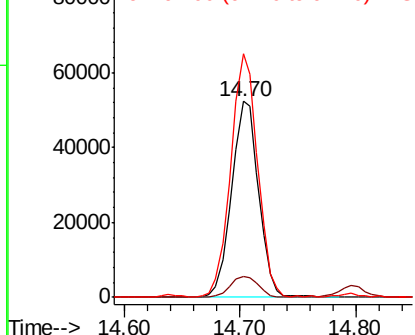
#53
3-Nitroaniline
Concen: 27.079 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 84632
Ion Ratio Lower Upper
138 100
108 10.4 13.8 20.8#
92 124.4 103.7 155.5

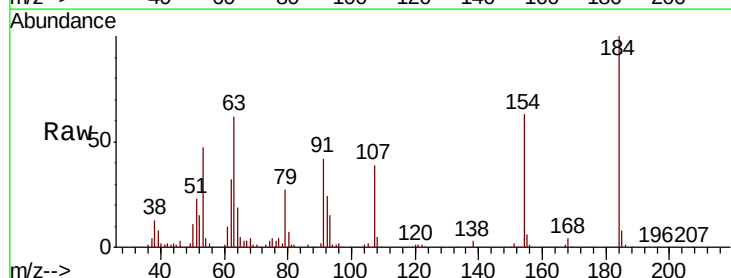


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

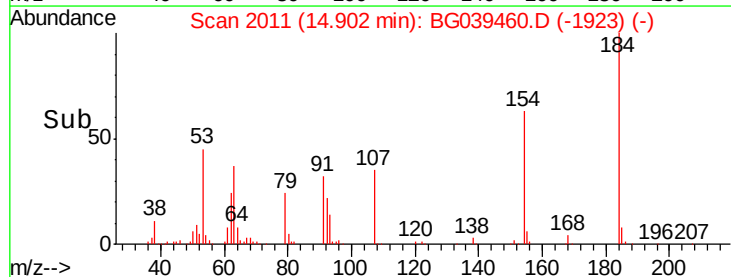
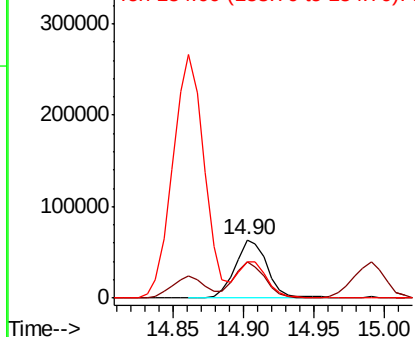


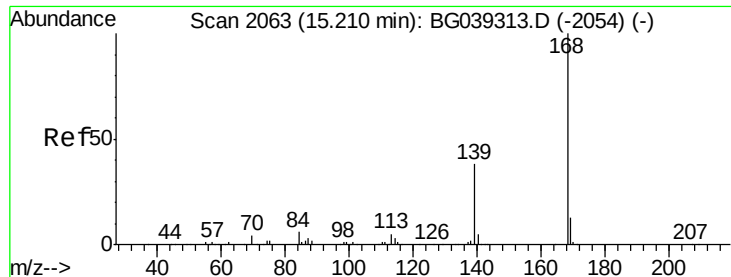
#54
2,4-Dinitrophenol
Concen: 73.355 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion:184 Resp: 100827
Ion Ratio Lower Upper
184 100
63 61.7 50.9 76.3
154 63.4 53.0 79.6



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

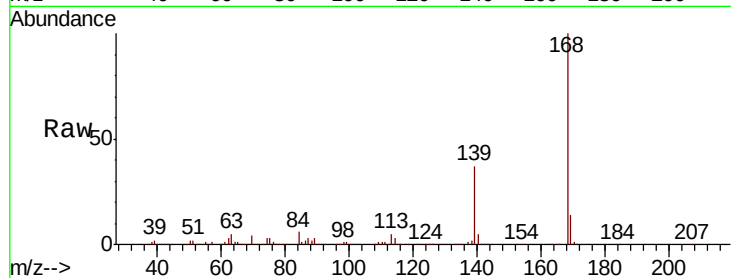




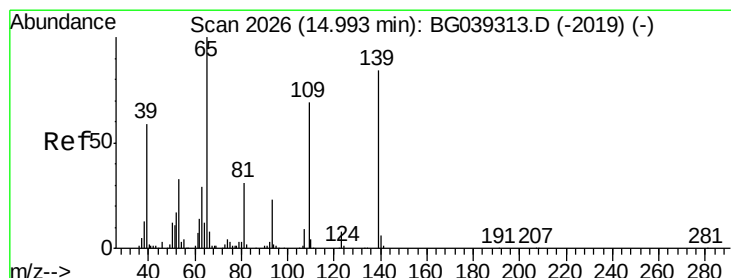
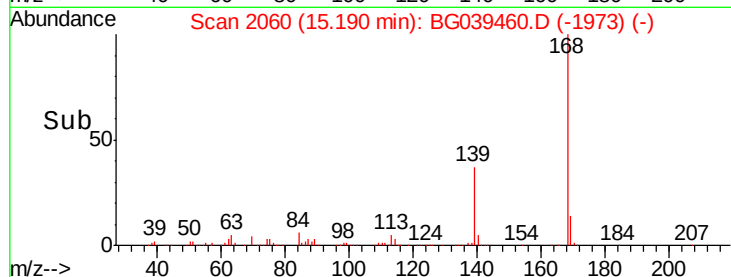
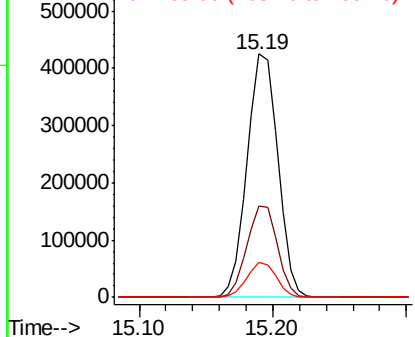
#55
Dibenzofuran
Concen: 32.000 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 675165
Ion Ratio Lower Upper
168 100
139 37.3 30.1 45.1
169 14.3 10.6 16.0

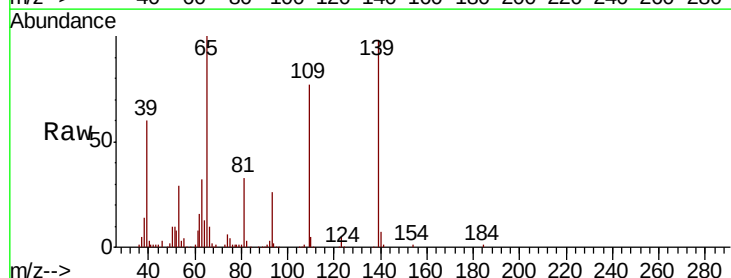


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

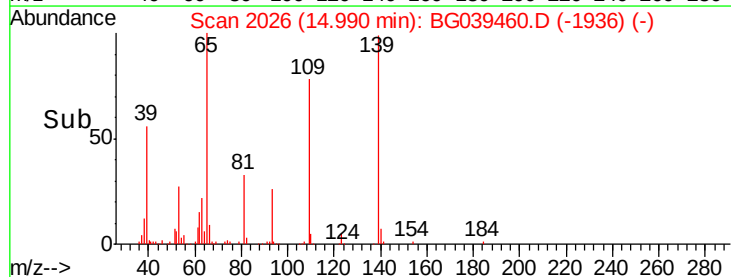
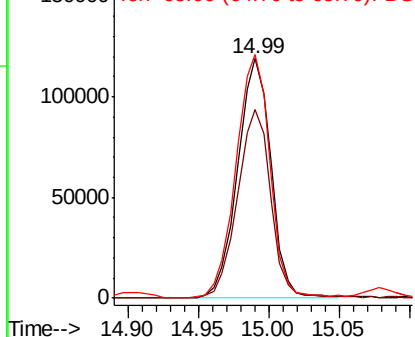


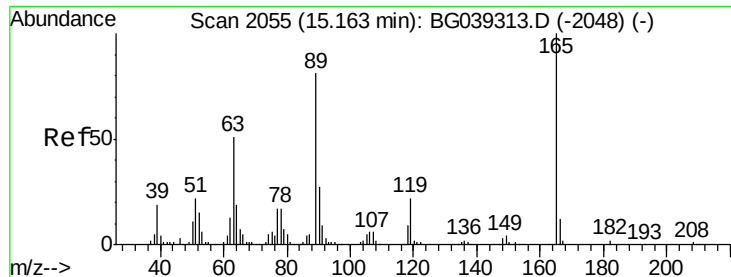
#56
4-Nitrophenol
Concen: 63.869 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion:139 Resp: 196251
Ion Ratio Lower Upper
139 100
109 78.8 61.9 101.9
65 101.6 99.1 139.1



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: 43.613 ng

RT: 15.15 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 177463

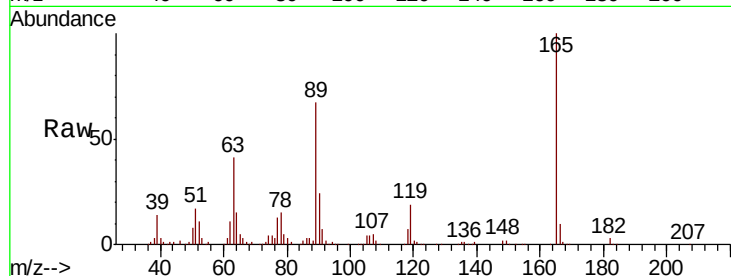
Ion Ratio Lower Upper

165 100

63 41.4 41.0 61.6

89 67.3 64.6 96.8

182 2.9 2.0 3.0

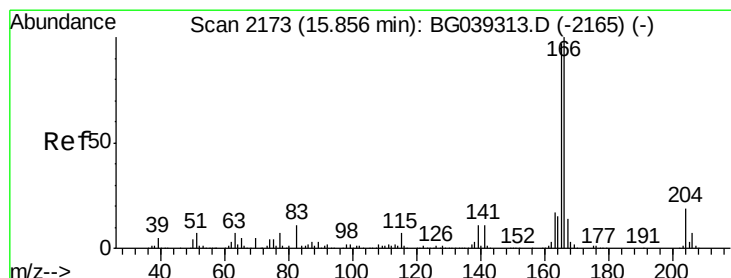
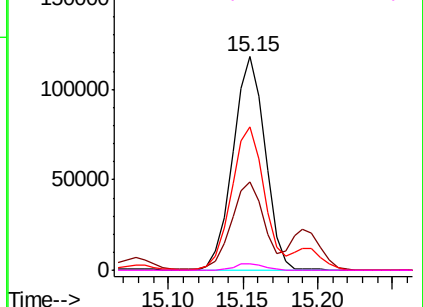
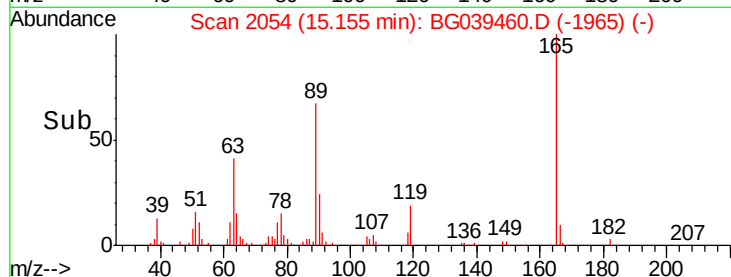


Abundance Ion 165.00 (164.70 to 165.70): E

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: 34.109 ng

RT: 15.84 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

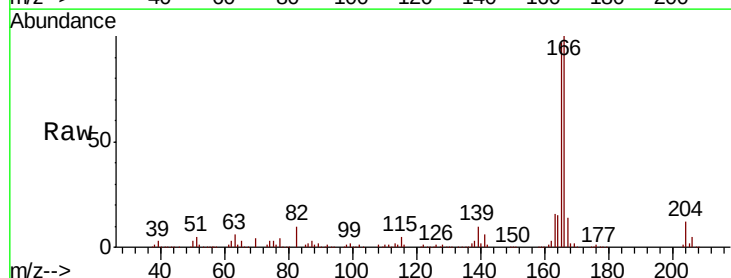
Tgt Ion:166 Resp: 536481

Ion Ratio Lower Upper

166 100

165 97.5 77.9 116.9

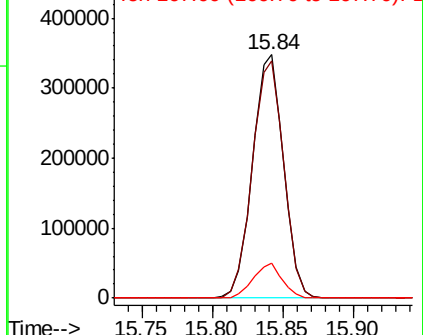
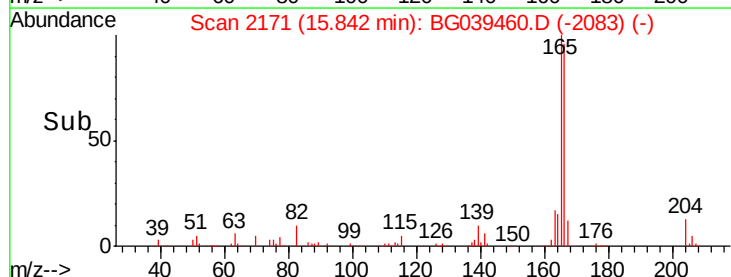
167 14.3 10.8 16.2

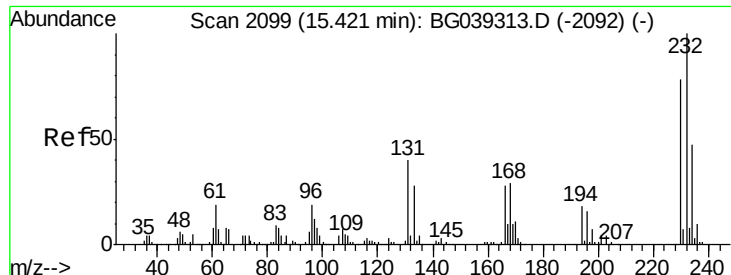


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

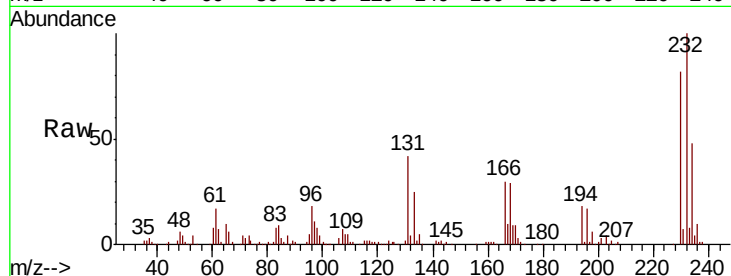




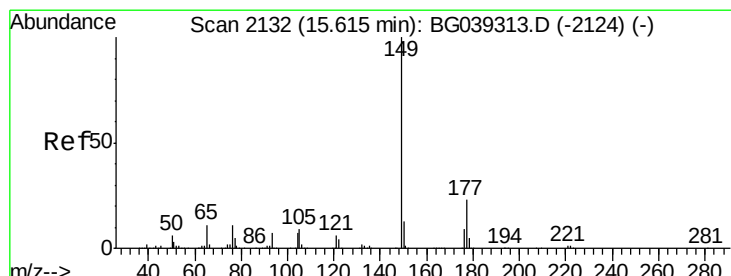
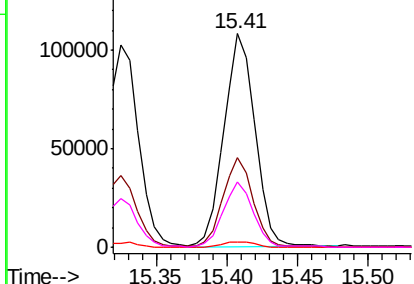
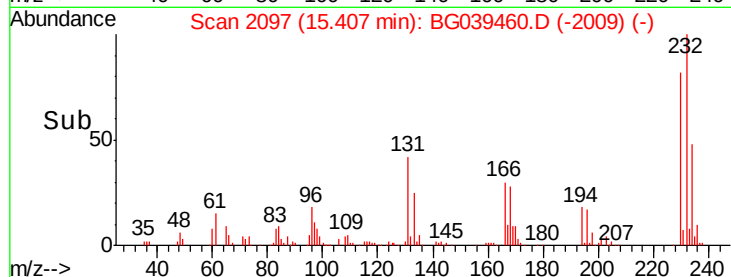
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.141 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	165415
Ion	Ratio	Lower	Upper
232	100		
131	40.3	34.9	52.3
130	2.6	2.0	3.0
166	29.4	24.1	36.1

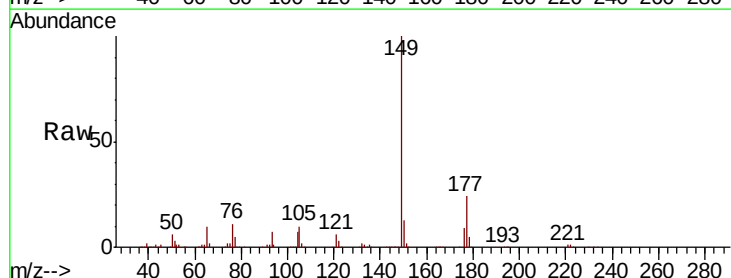


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

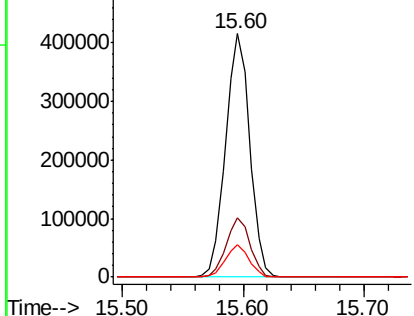
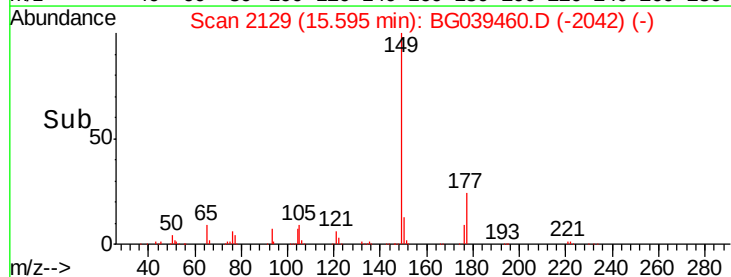


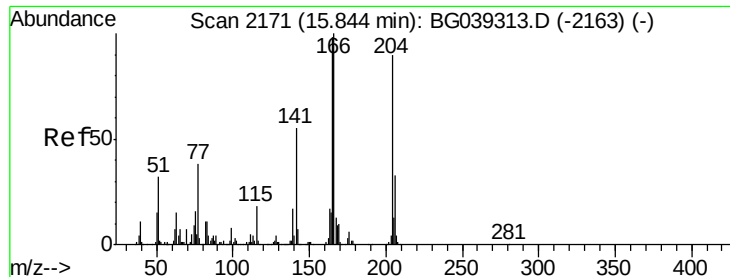
#60
 Diethylphthalate
 Concen: 32.112 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

Tgt Ion:	149	Resp:	575592
Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.3	27.5
150	13.2	10.2	15.2



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

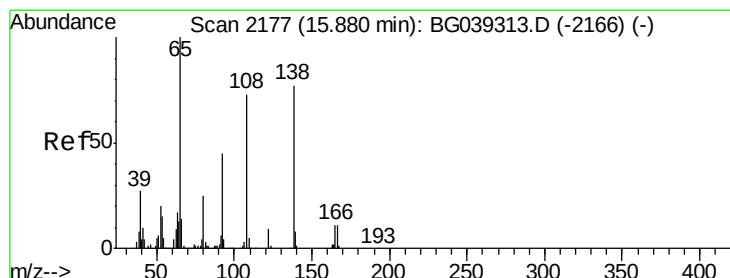
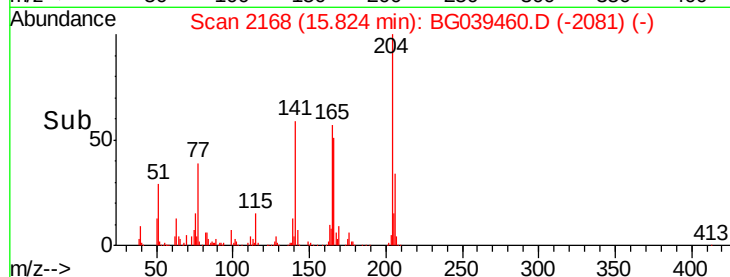
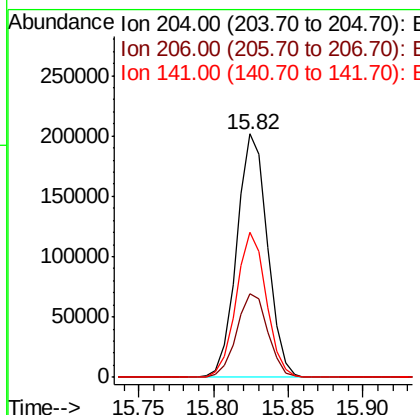
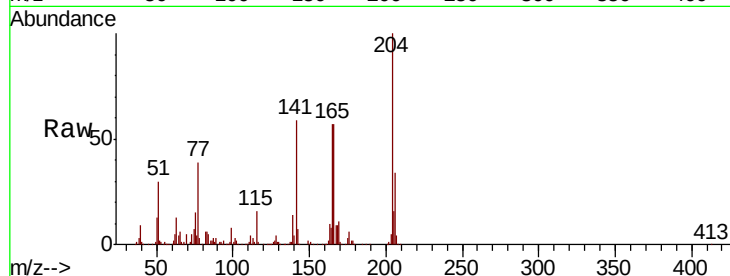




#61
 4-Chlorophenyl-phenylether
 Concen: 32.230 ng
 RT: 15.82 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

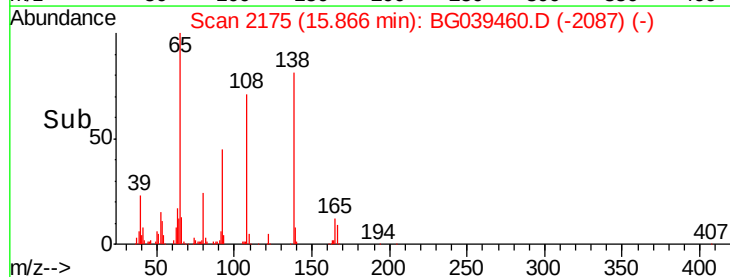
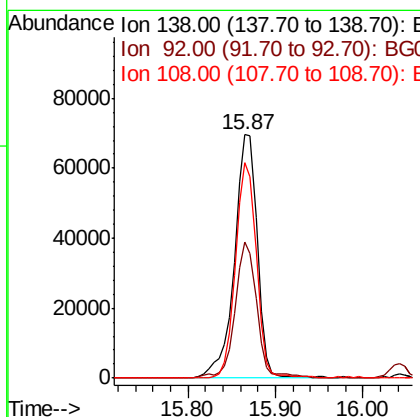
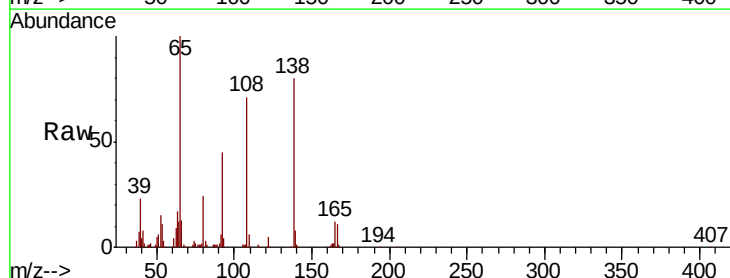
Instrument :
 BNA_G
 ClientSampled :

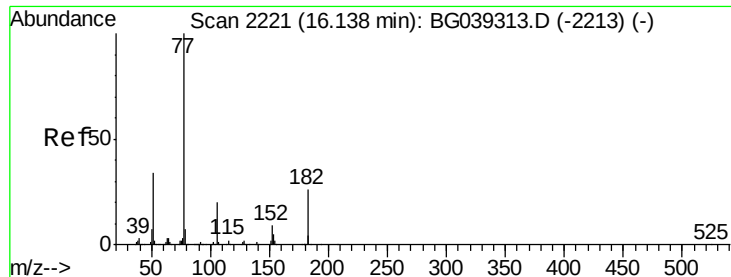
Tot Ion:204 Resp: 287044
 Ion Ratio Lower Upper
 204 100
 206 34.1 29.2 43.8
 141 59.4 49.0 73.4



#62
 4-Nitroaniline
 Concen: 34.967 ng
 RT: 15.87 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

Tgt Ion:138 Resp: 122571
 Ion Ratio Lower Upper
 138 100
 92 56.1 38.7 78.7
 108 88.4 74.6 114.6





#63

Azobenzene

Concen: 28.998 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.02 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 508028

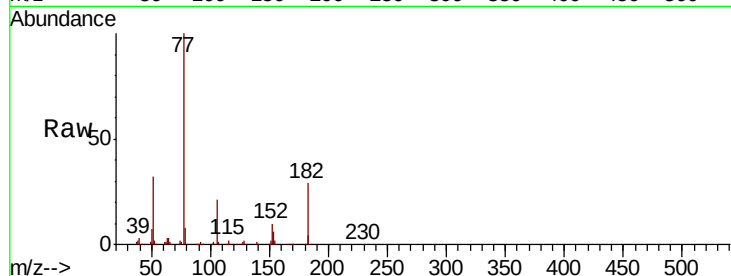
Ion Ratio Lower Upper

77 100

182 29.2 6.4 46.4

105 20.8 0.0 39.8

51 32.2 14.1 54.1

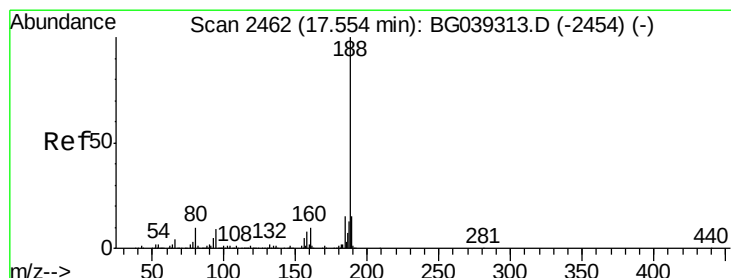
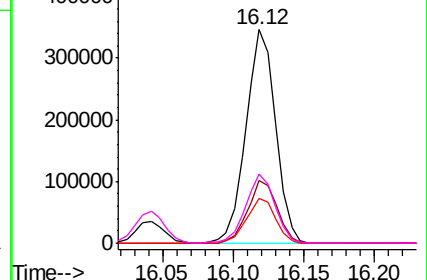
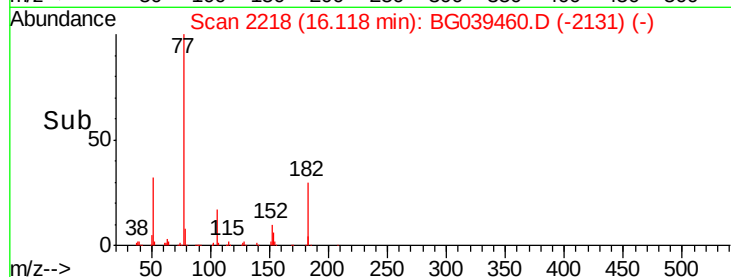


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

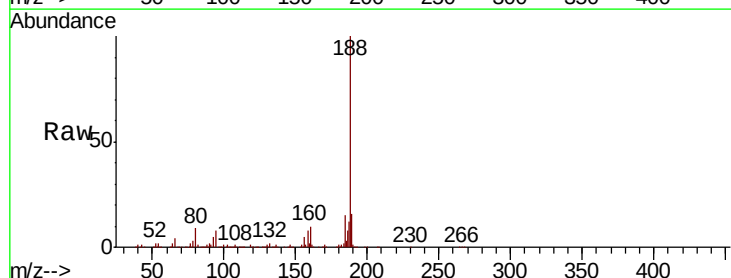
Tgt Ion: 188 Resp: 494312

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

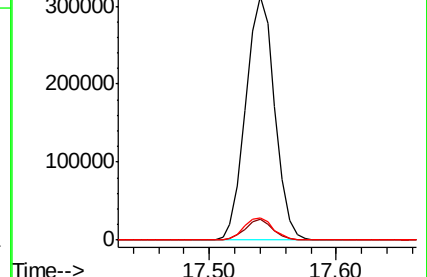
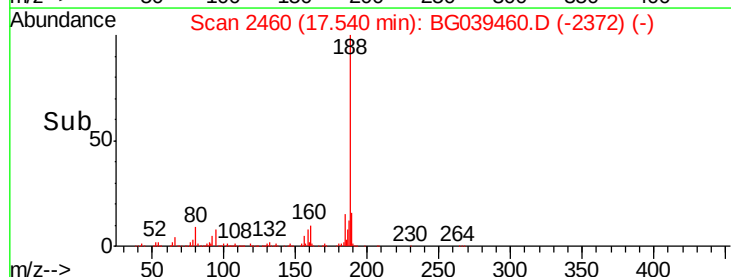
80 9.2 8.1 12.1

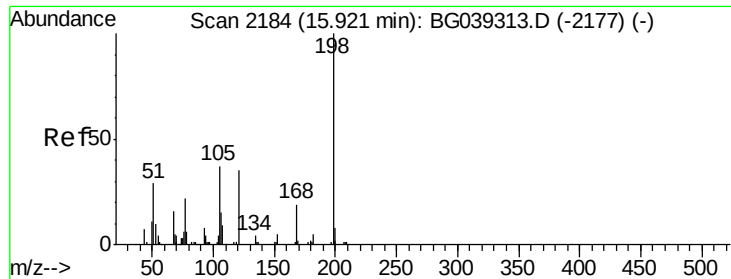


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 45.378 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

ClientSampleId :

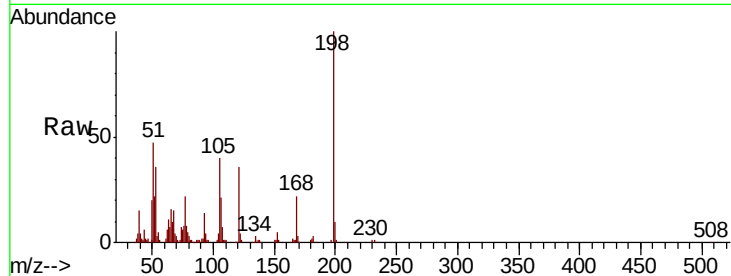
Tot Ion:198 Resp: 86371

Ion Ratio Lower Upper

198 100

51 46.6 27.4 67.4

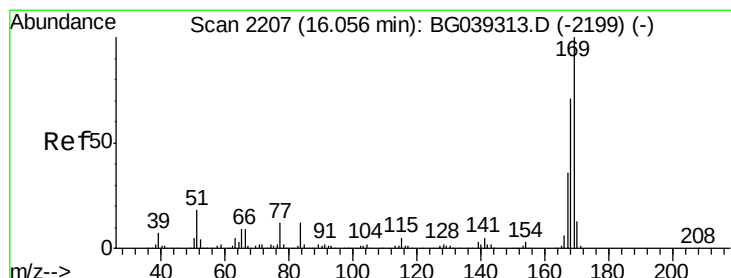
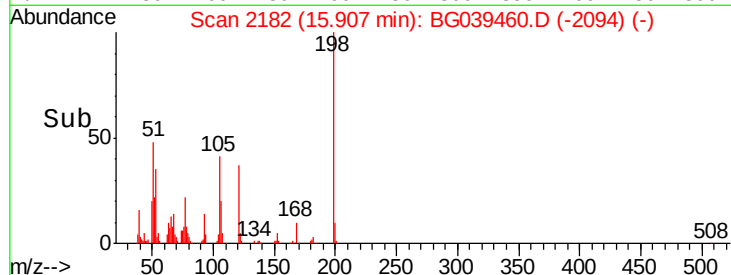
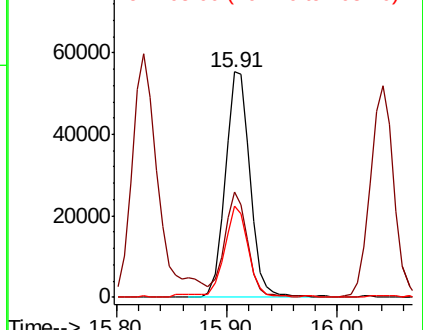
105 40.4 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 32.936 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

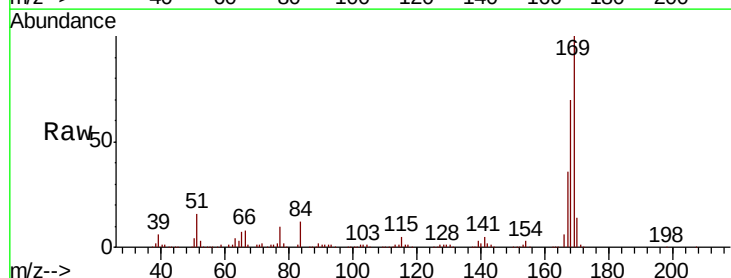
Tgt Ion:169 Resp: 495041

Ion Ratio Lower Upper

169 100

168 69.6 56.6 85.0

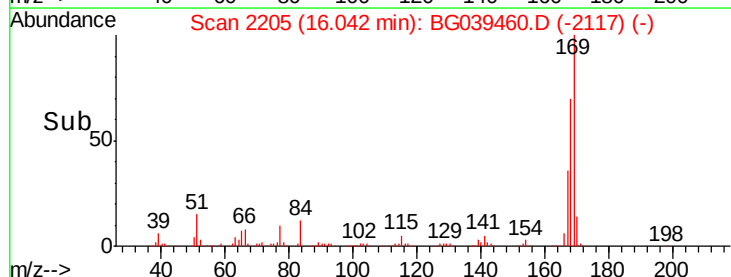
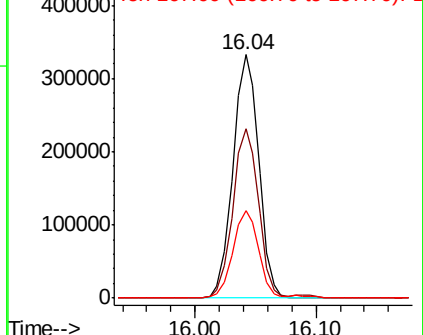
167 35.7 28.8 43.2

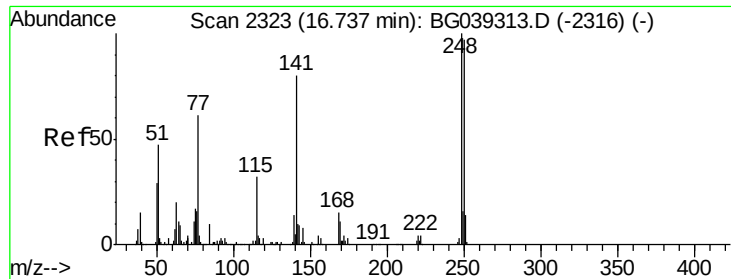


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

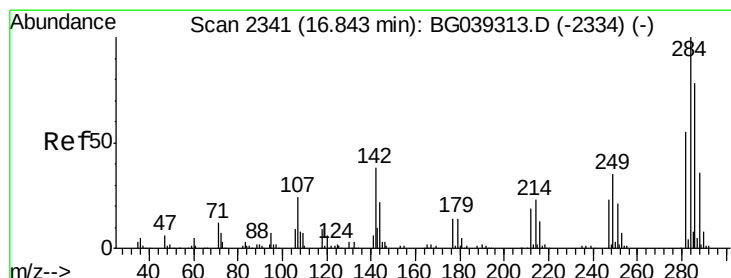
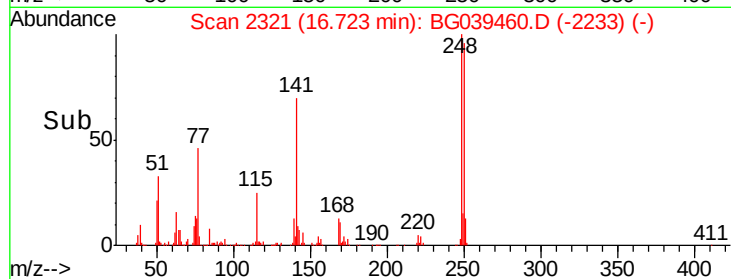
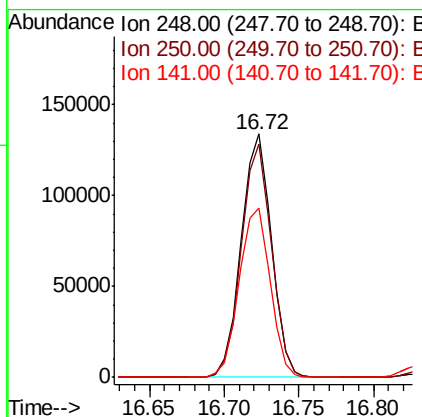
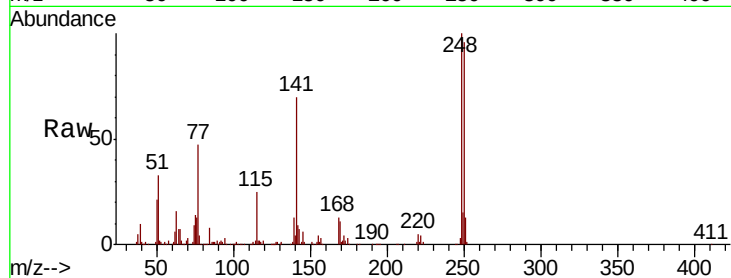




#67
 4-Bromophenyl-phenylether
 Concen: 34.217 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

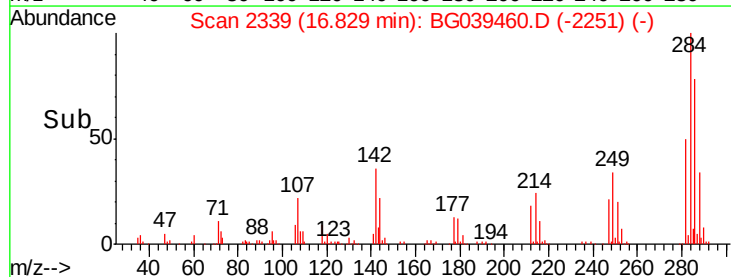
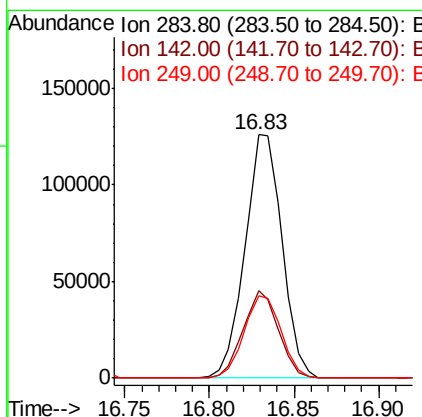
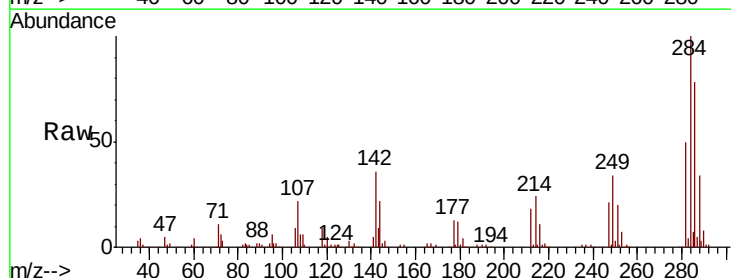
Instrument :
 BNA_G
 ClientSampleId :

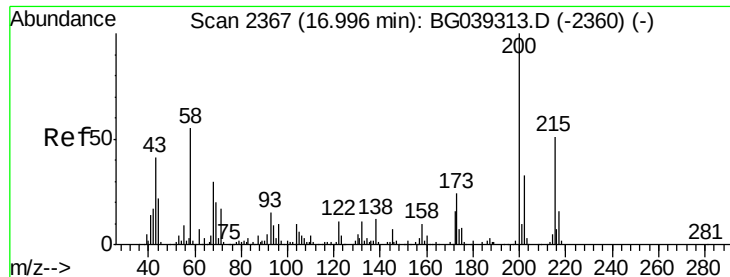
Tot Ion:248 Resp: 187638
 Ion Ratio Lower Upper
 248 100
 250 96.0 77.6 116.4
 141 69.7 63.9 95.9



#68
 Hexachlorobenzene
 Concen: 34.821 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

Tgt Ion:284 Resp: 191585
 Ion Ratio Lower Upper
 284 100
 142 35.9 30.6 45.8
 249 33.9 28.2 42.2





#69

Atrazine

Concen: 34.711 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

ClientSampleId :

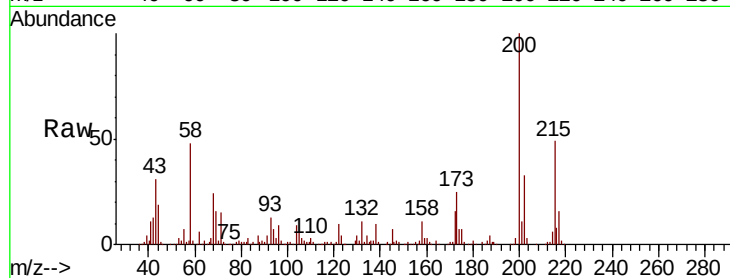
Tot Ion:200 Resp: 190656

Ion Ratio Lower Upper

200 100

173 24.9 3.9 43.9

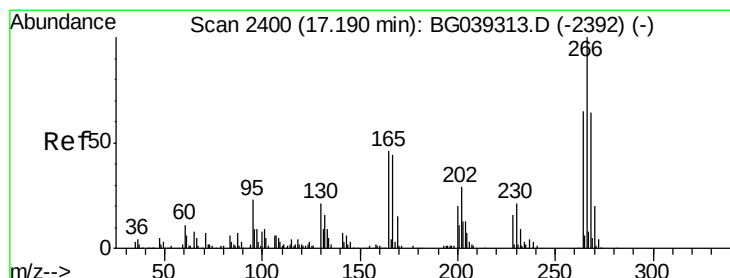
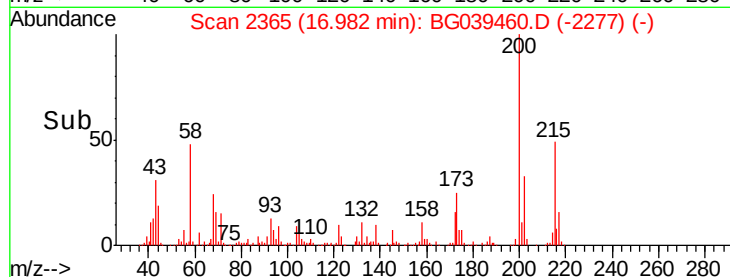
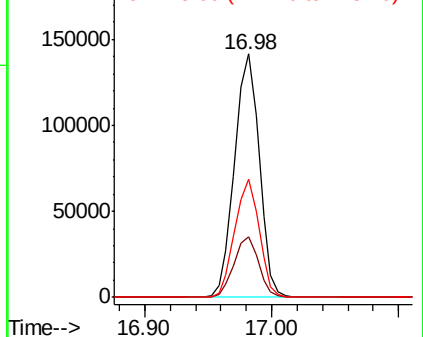
215 48.8 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 92.393 ng

RT: 17.18 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

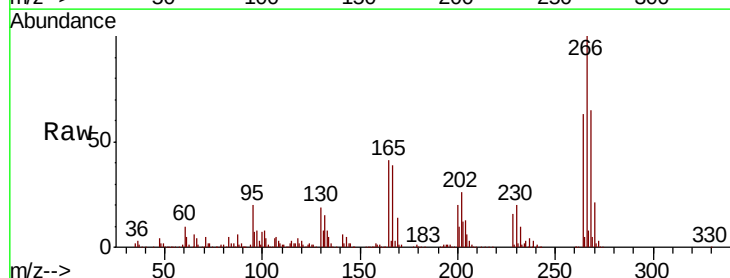
Tgt Ion:266 Resp: 353305

Ion Ratio Lower Upper

266 100

268 64.7 51.1 76.7

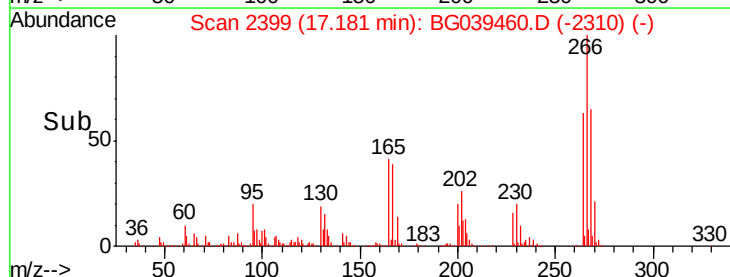
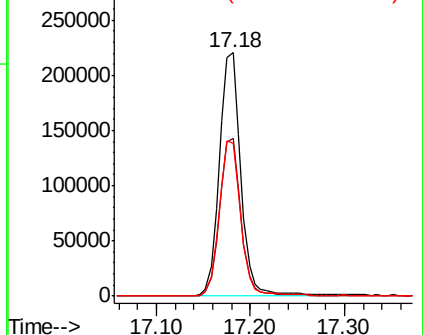
264 62.8 52.1 78.1

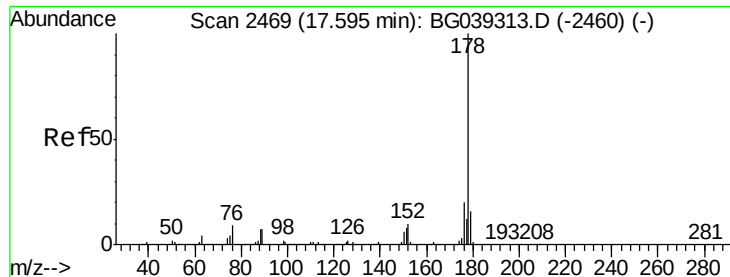


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

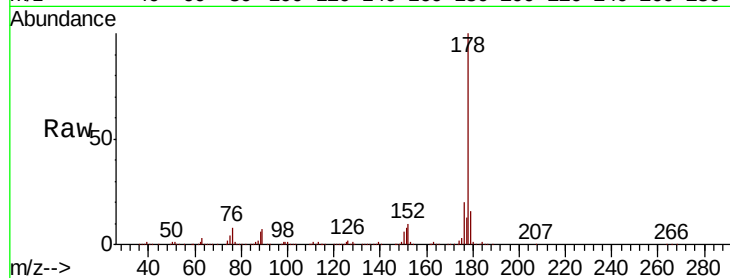




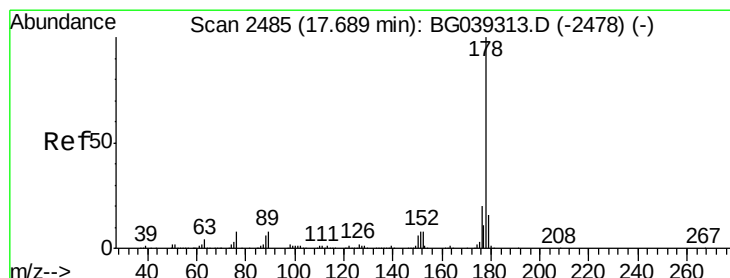
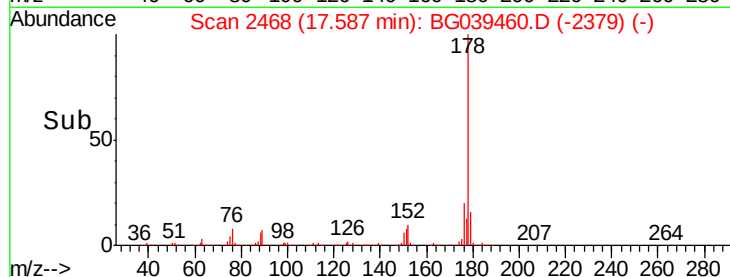
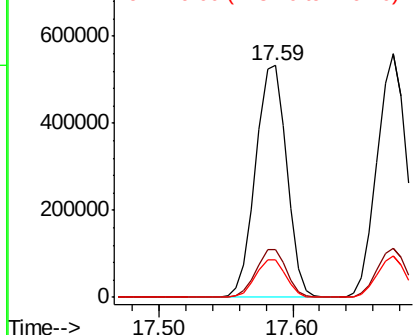
#71
Phenanthrene
Concen: 33.453 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	16.2	12.6	19.0

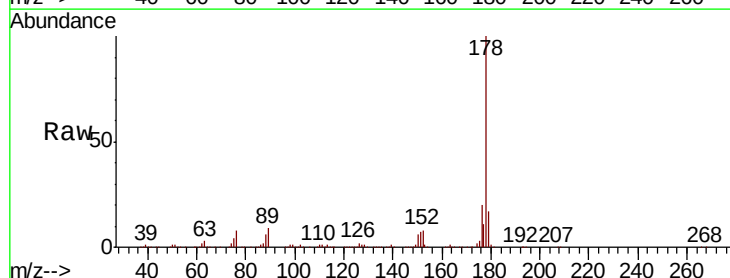


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

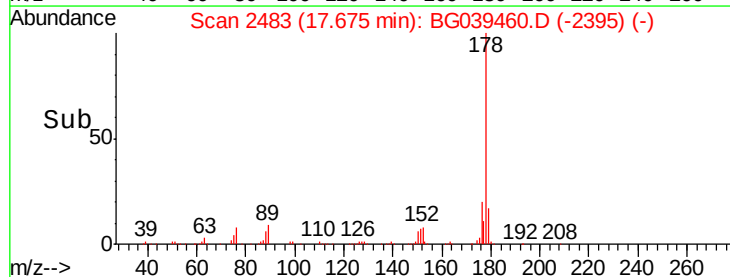
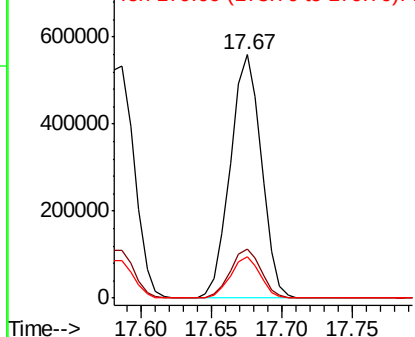


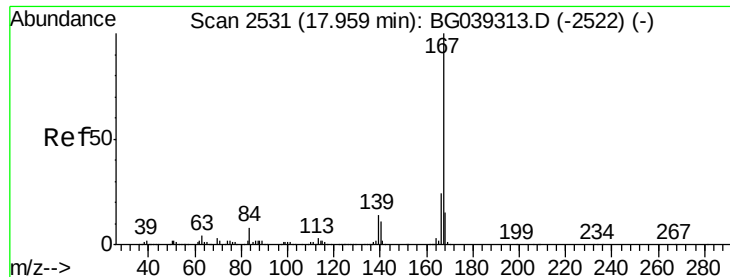
#72
Anthracene
Concen: 34.029 ng
RT: 17.67 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.6
179	16.9	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 28.636 ng

RT: 17.95 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

ClientSampleId :

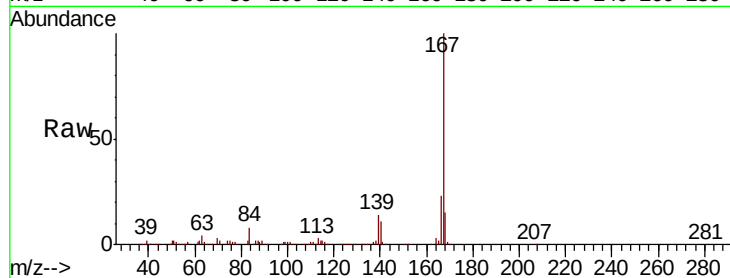
Tot Ion:167 Resp: 720190

Ion Ratio Lower Upper

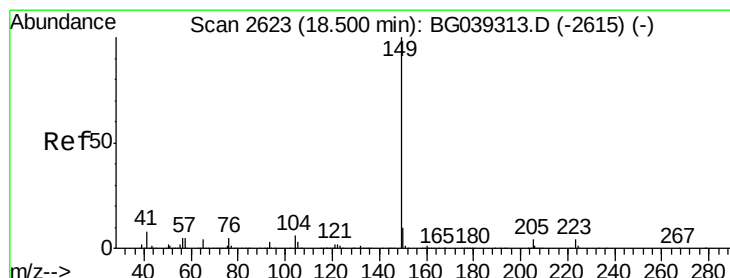
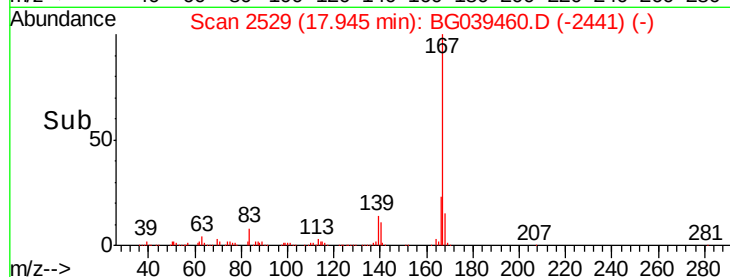
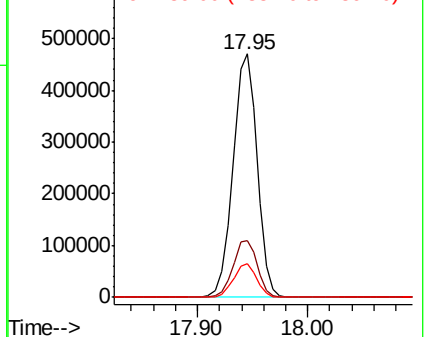
167 100

166 23.5 19.4 29.2

139 13.9 10.8 16.2



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



#74

Di-n-butylphthalate

Concen: 30.026 ng

RT: 18.48 min Scan# 2620

Delta R.T. -0.02 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

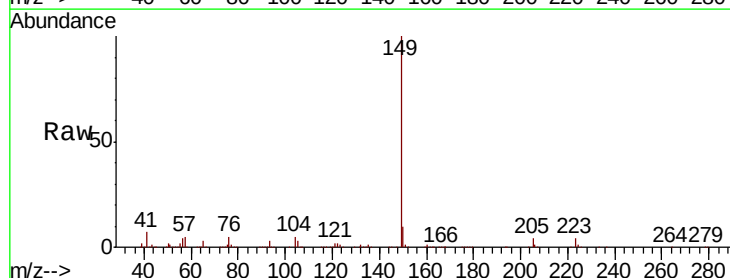
Tgt Ion:149 Resp: 880969

Ion Ratio Lower Upper

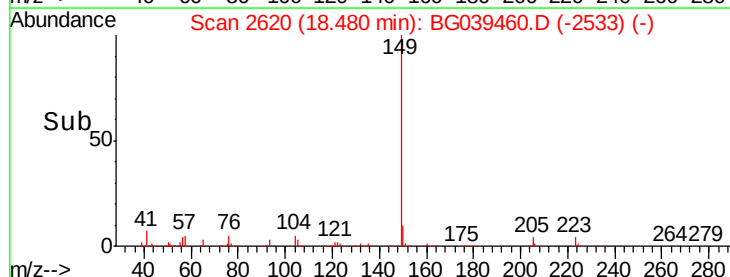
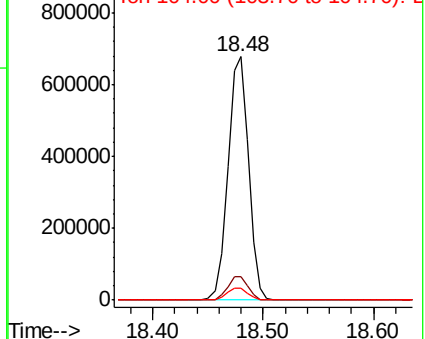
149 100

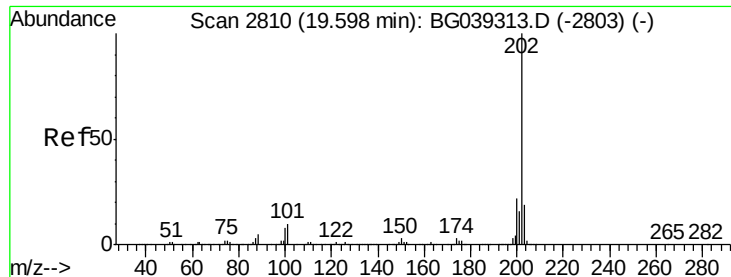
150 9.6 7.7 11.5

104 4.9 4.5 6.7



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





#75

Fluoranthene

Concen: 31.236 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

ClientSampleId :

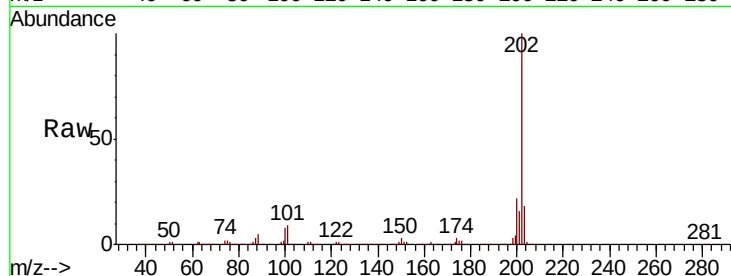
Tot Ion:202 Resp: 927560

Ion Ratio Lower Upper

202 100

101 8.8 0.0 30.0

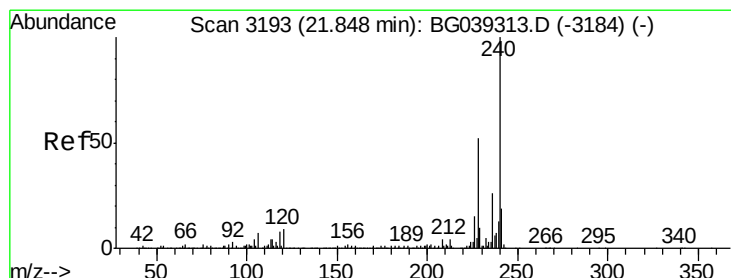
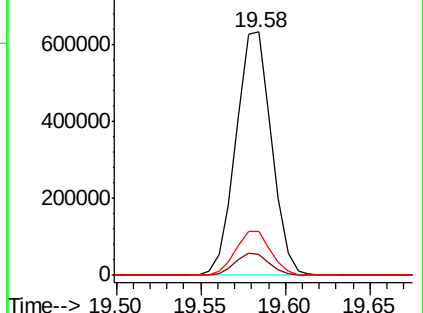
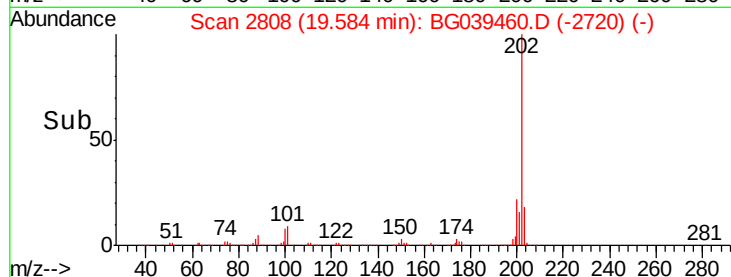
203 18.3 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

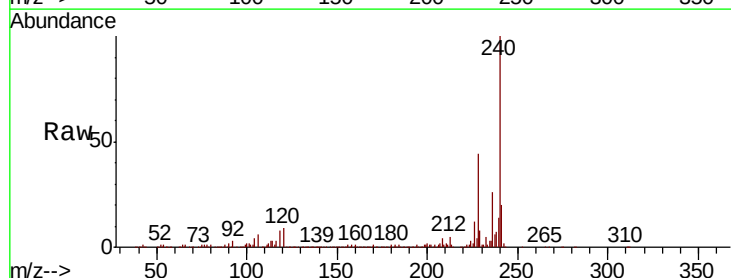
Tgt Ion:240 Resp: 422980

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

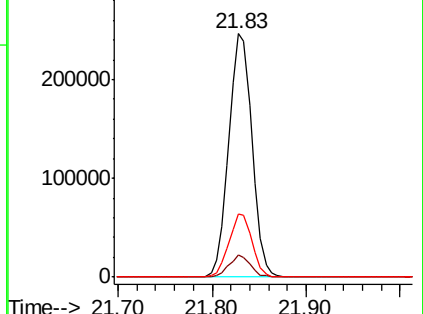
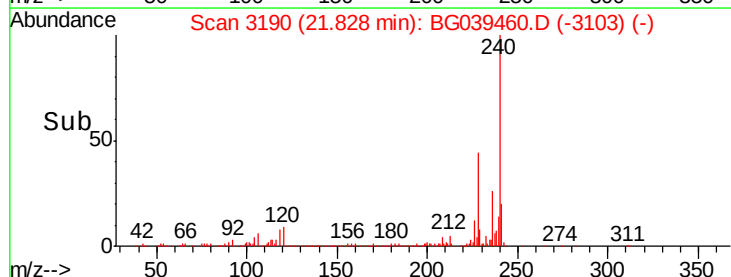
236 25.9 21.0 31.4

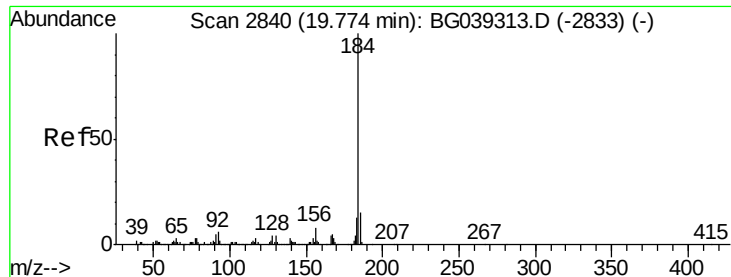


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.634 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

ClientSampleId :

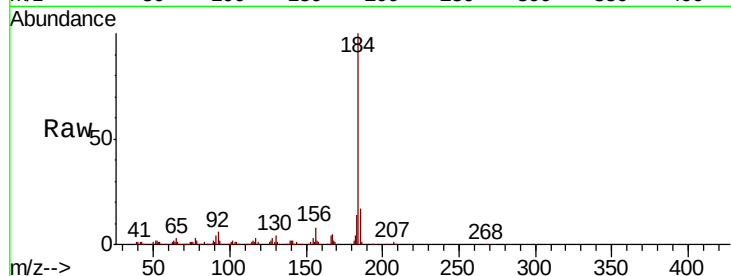
Tot Ion:184 Resp: 189075

Ion Ratio Lower Upper

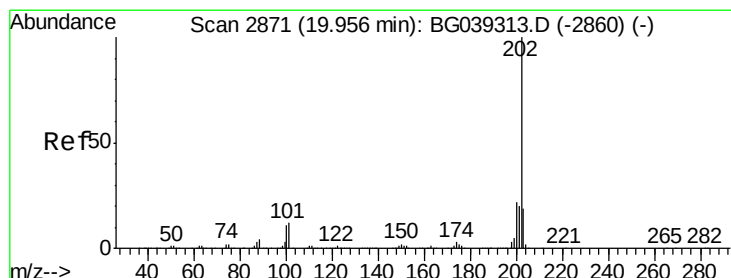
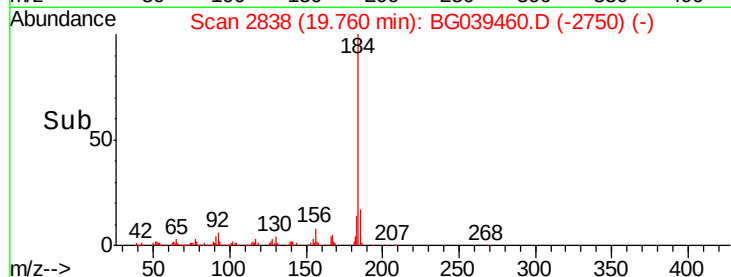
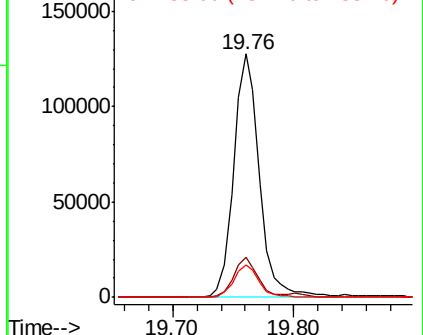
184 100

185 16.6 12.2 18.2

183 13.5 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 34.569 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

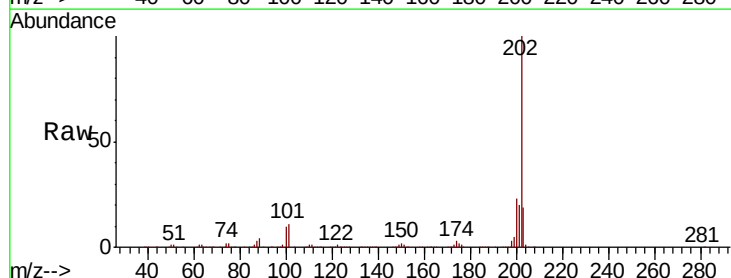
Tgt Ion:202 Resp: 910253

Ion Ratio Lower Upper

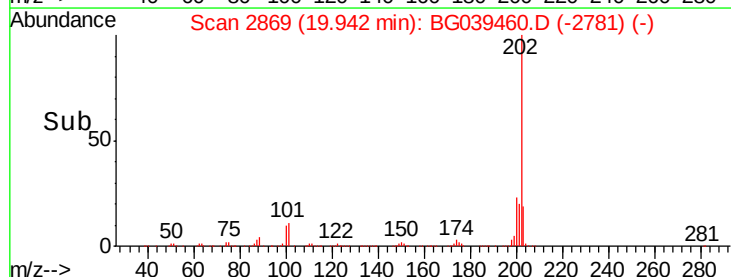
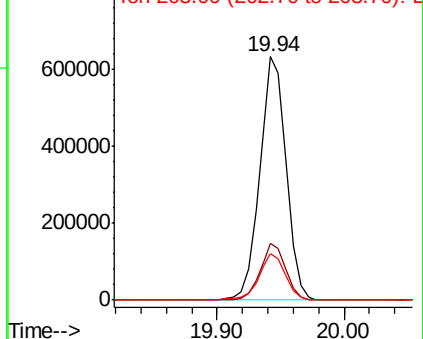
202 100

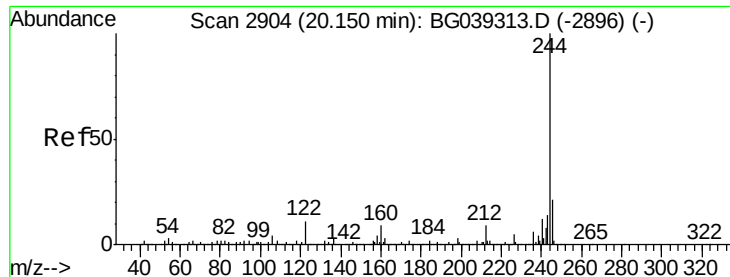
200 23.4 17.8 26.8

203 18.9 15.3 22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.553 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

ClientSampleId :

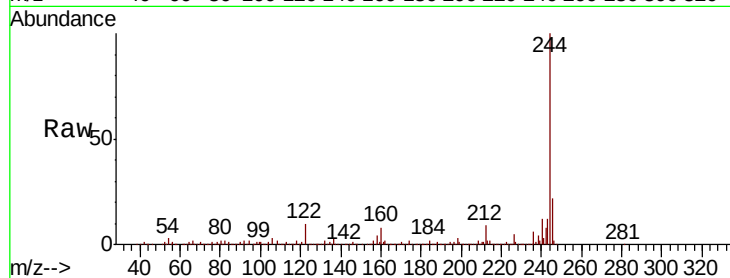
Tot Ion:244 Resp: 1309953

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

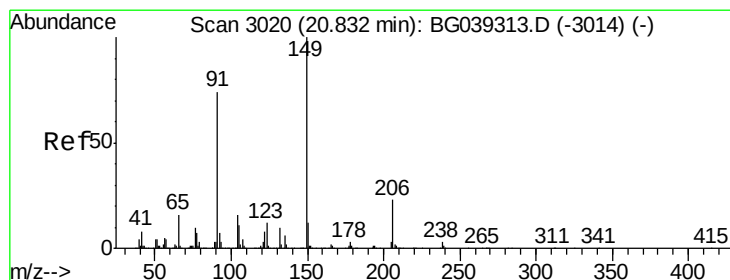
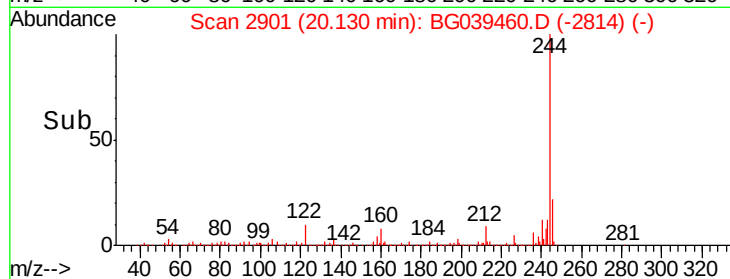
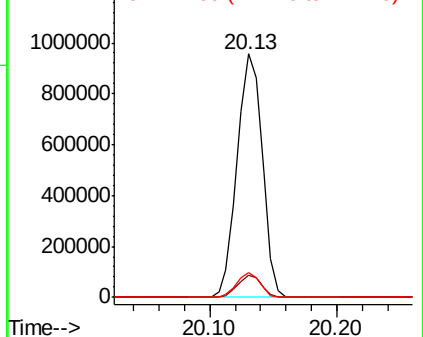
122 10.1 8.4 12.6



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: 32.953 ng

RT: 20.81 min Scan# 3017

Delta R.T. -0.02 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

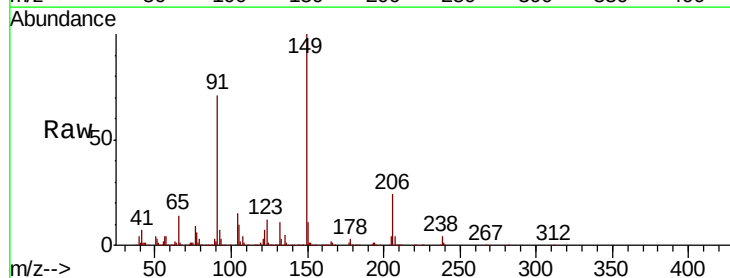
Tgt Ion:149 Resp: 366028

Ion Ratio Lower Upper

149 100

91 71.1 59.5 89.3

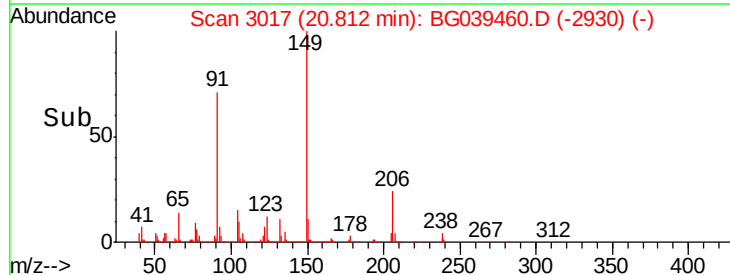
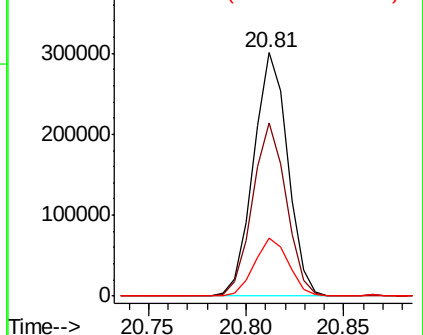
206 23.8 18.6 27.8

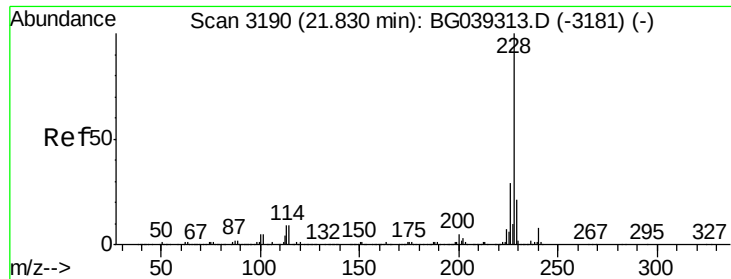


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

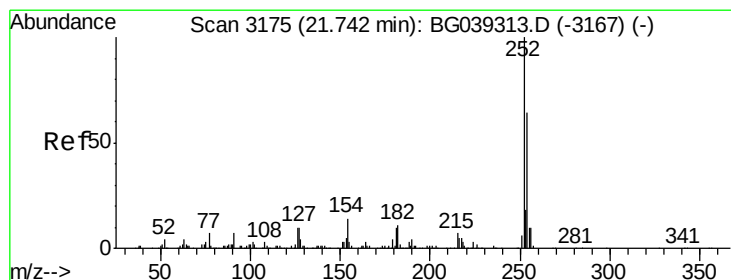
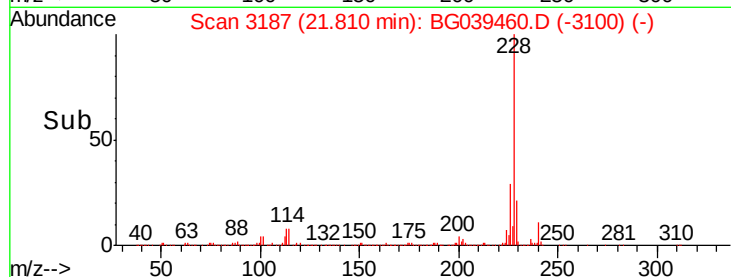
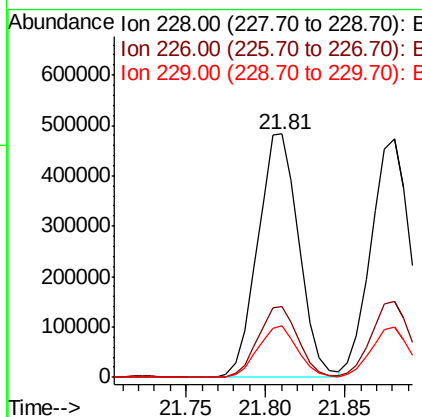
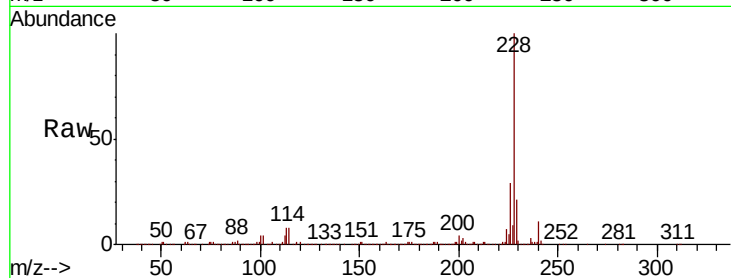




#81
Benzo(a)anthracene
Concen: 34.719 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

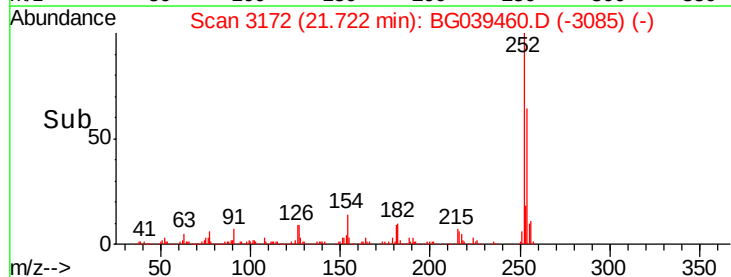
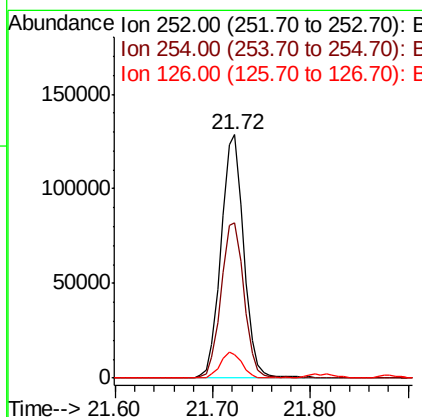
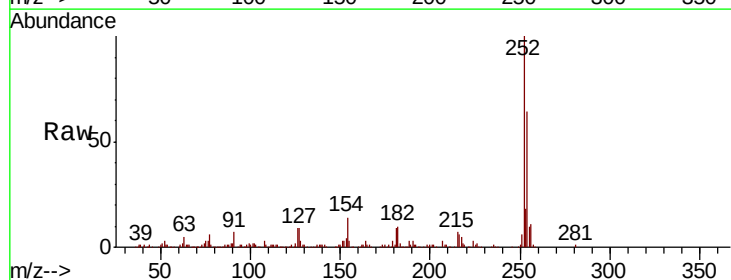
Instrument :
BNA_G
ClientSampleId :

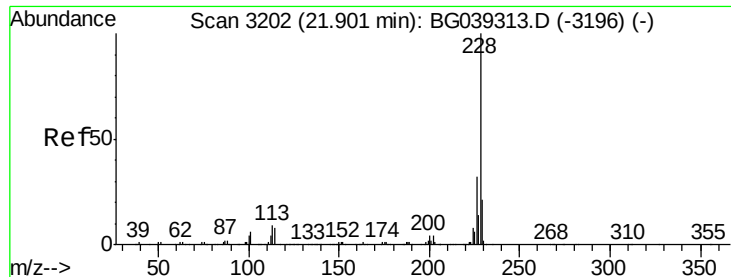
Tot Ion:228 Resp: 867754
Ion Ratio Lower Upper
228 100
226 29.2 23.0 34.6
229 21.1 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 22.372 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.02 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion:252 Resp: 207330
Ion Ratio Lower Upper
252 100
254 63.7 51.3 76.9
126 9.4 8.0 12.0





#83

Chrysene

Concen: 34.083 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

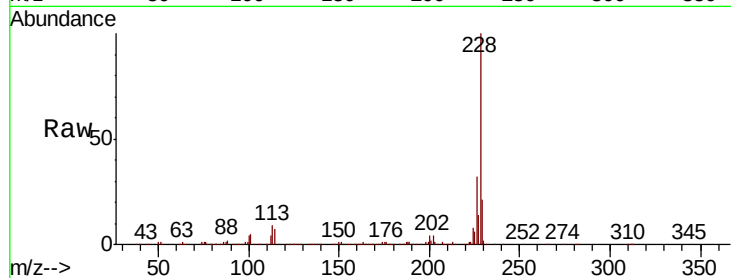
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 810927

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.8	38.6
229	20.9	16.6	25.0

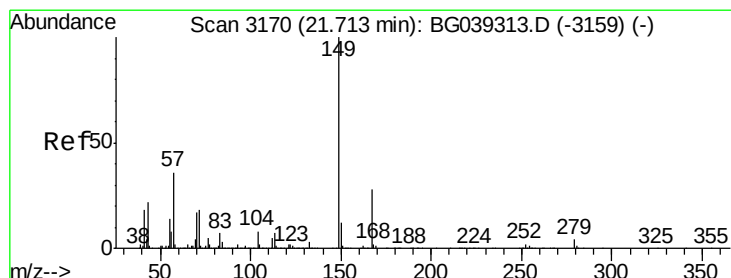
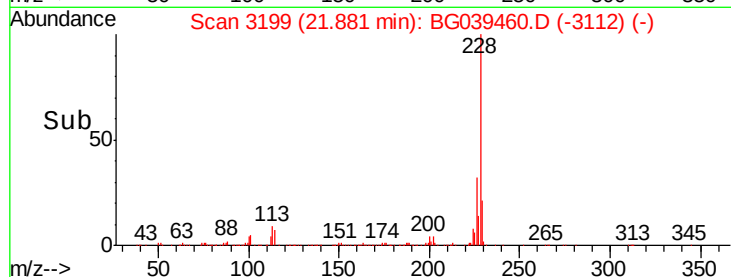
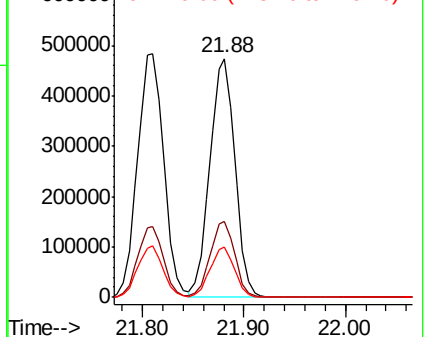


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 32.329 ng

RT: 21.68 min Scan# 3165

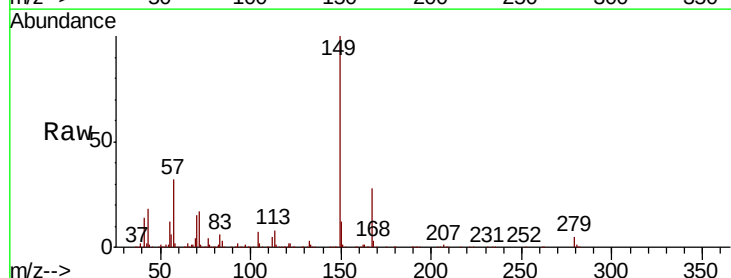
Delta R.T. -0.03 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Tgt Ion:149 Resp: 512314

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.6	34.0
279	5.0	3.5	5.3

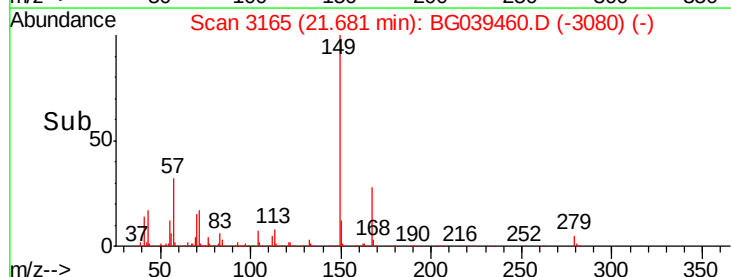
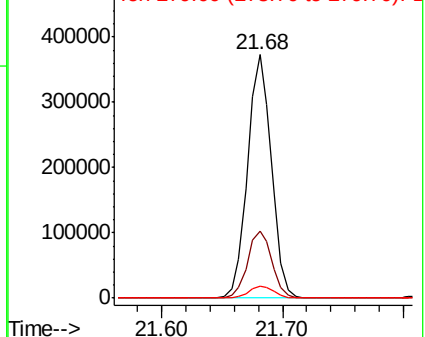


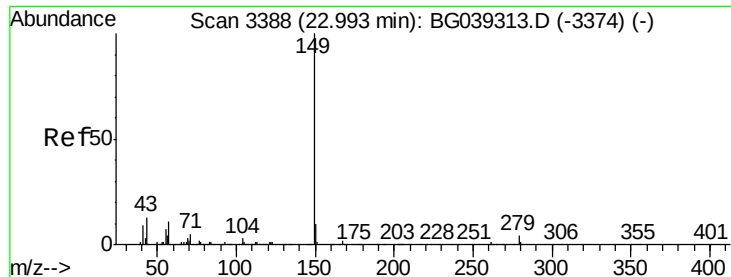
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 33.789 ng

RT: 22.94 min Scan# 3380

Delta R.T. -0.05 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

ClientSampleId :

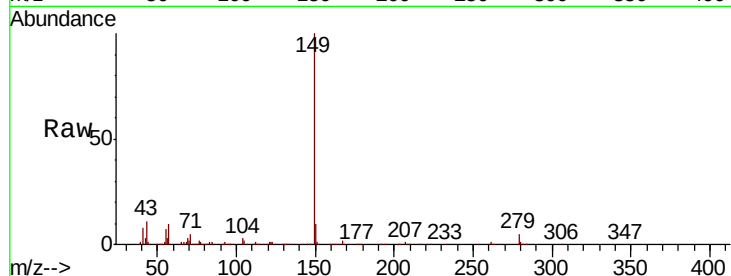
Tot Ion:149 Resp: 884599

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

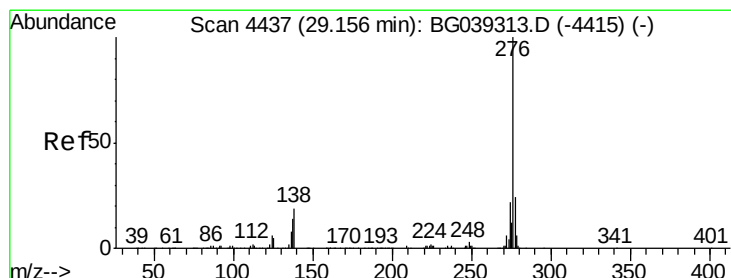
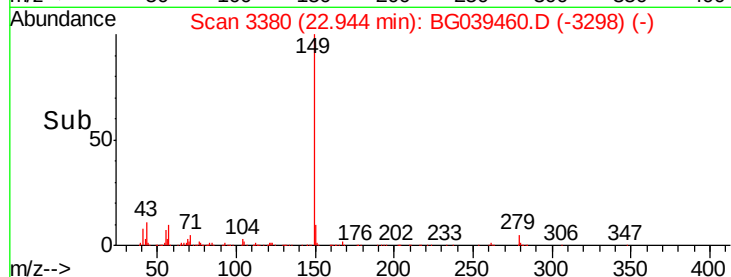
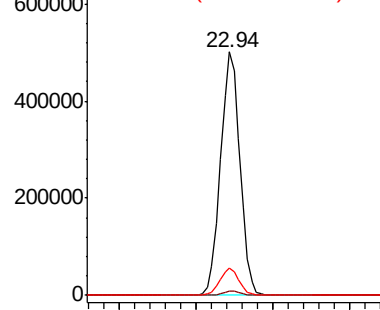
43 10.7 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.916 ng

RT: 29.09 min Scan# 4427

Delta R.T. -0.06 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

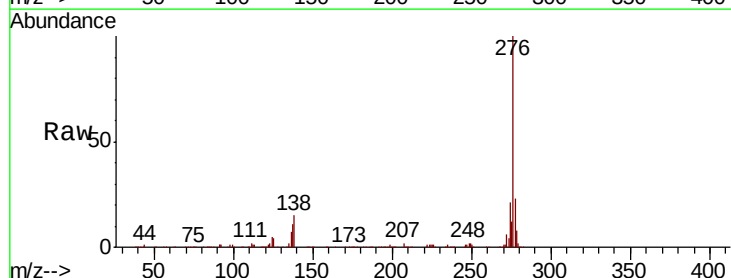
Tgt Ion:276 Resp: 967878

Ion Ratio Lower Upper

276 100

138 14.7 12.6 19.0

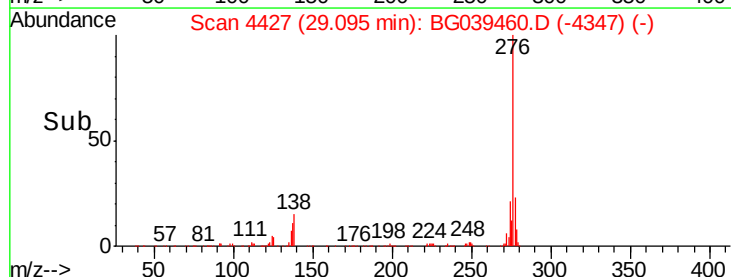
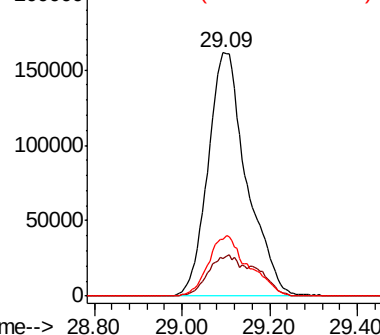
277 25.8 20.8 31.2

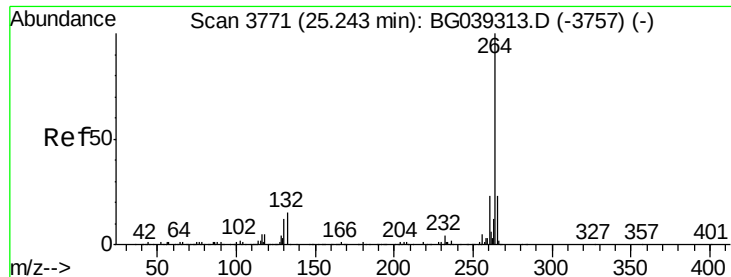


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

ClientSampleId :

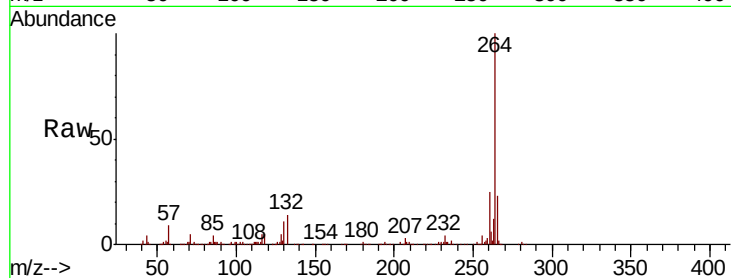
Tot Ion:264 Resp: 417044

Ion Ratio Lower Upper

264 100

260 25.1 18.2 27.4

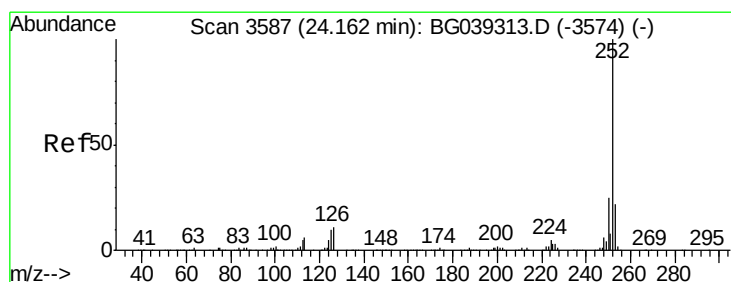
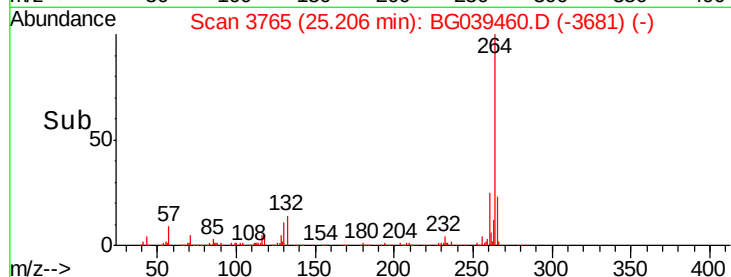
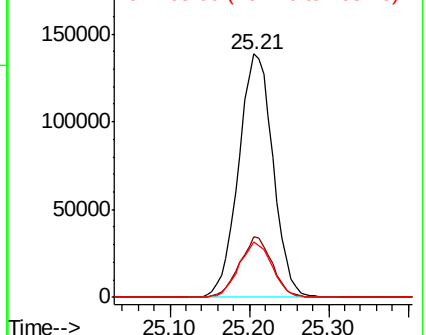
265 22.7 18.5 27.7



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: 36.944 ng

RT: 24.12 min Scan# 3581

Delta R.T. -0.04 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

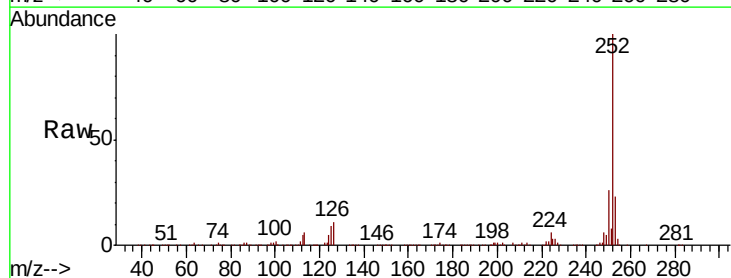
Tgt Ion:252 Resp: 840247

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.8

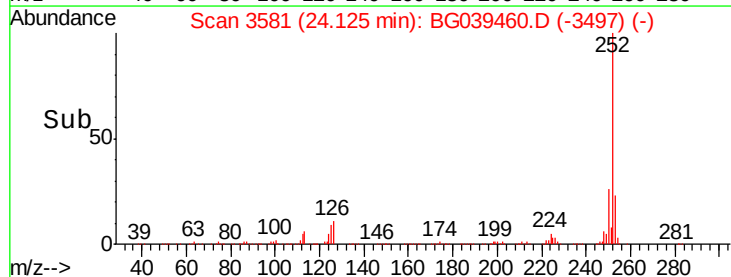
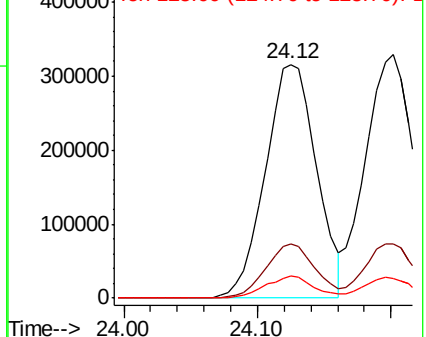
125 9.4 7.8 11.6

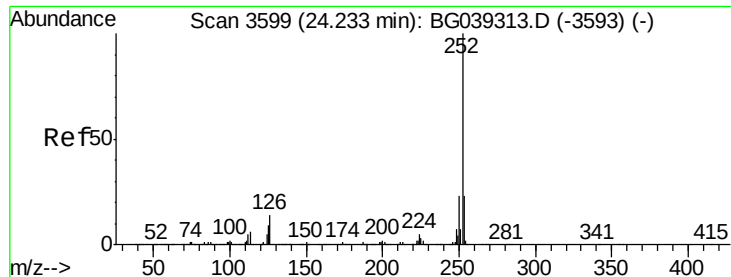


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

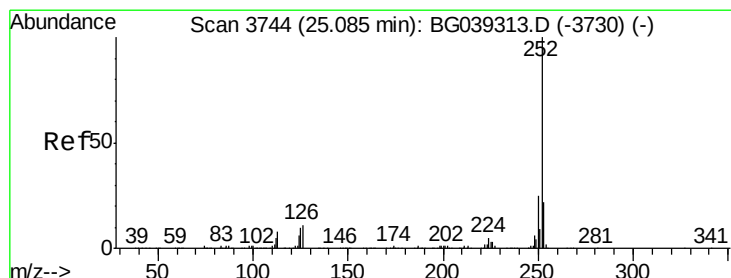
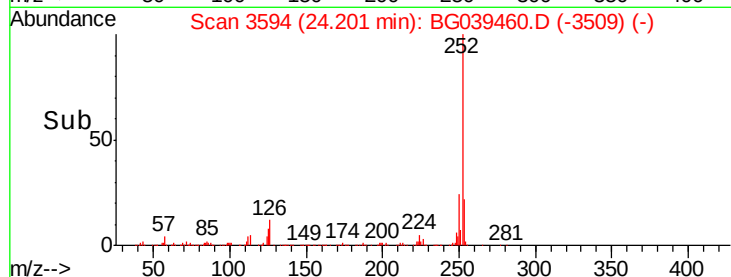
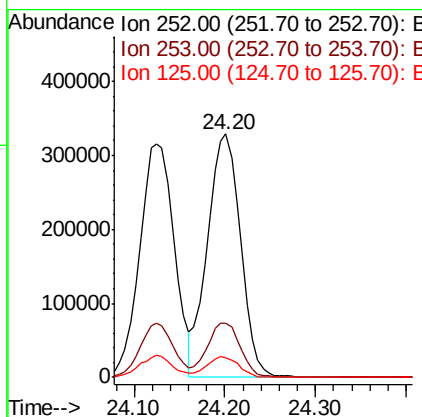
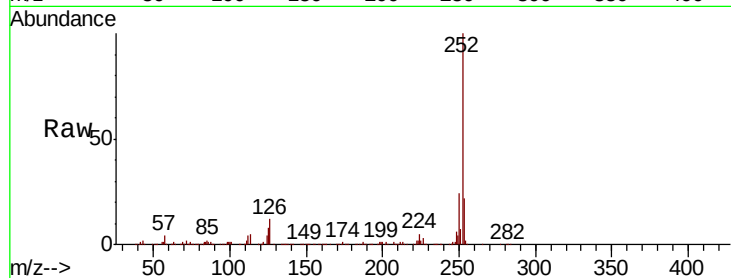




#89
Benzo(k)fluoranthene
Concen: 36.443 ng
RT: 24.20 min Scan# 3594
Delta R.T. -0.03 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

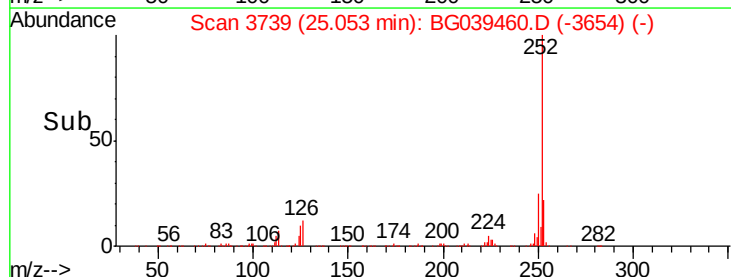
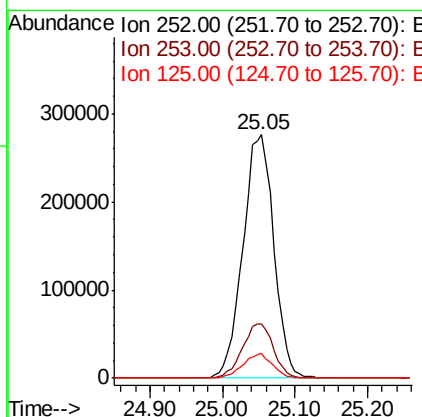
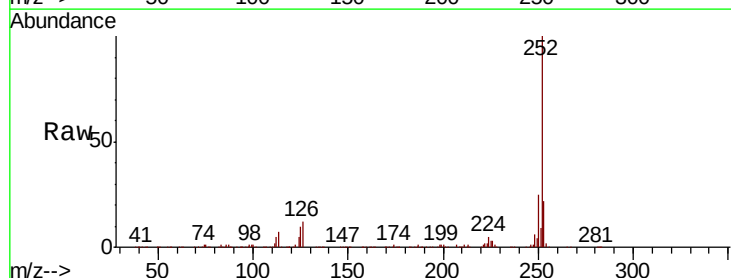
Instrument :
BNA_G
ClientSampleId :

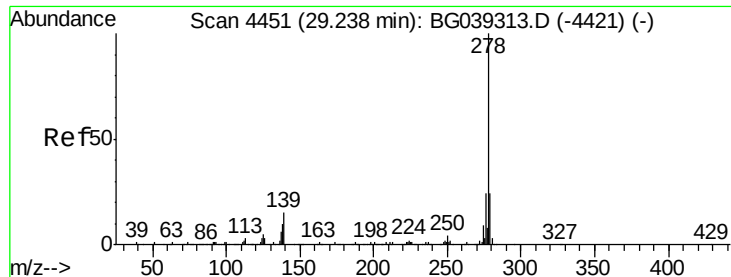
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	8.3	7.4	11.2



#90
Benzo(a)pyrene
Concen: 37.262 ng
RT: 25.05 min Scan# 3739
Delta R.T. -0.03 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	9.9	8.3	12.5

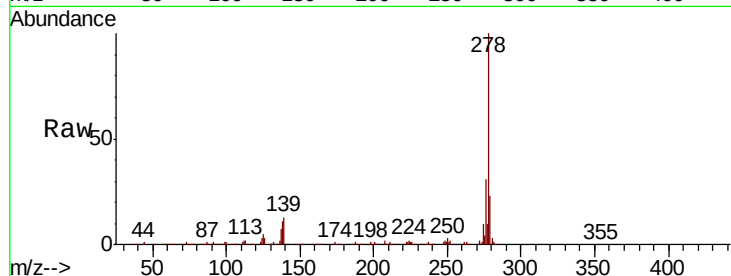




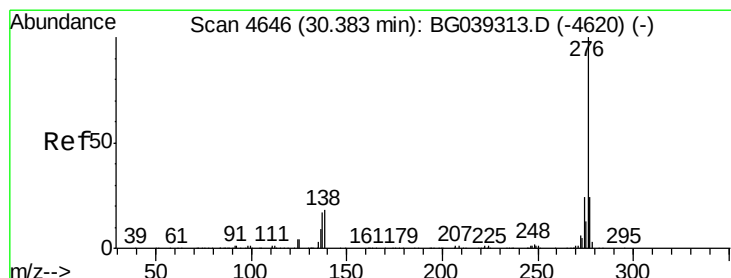
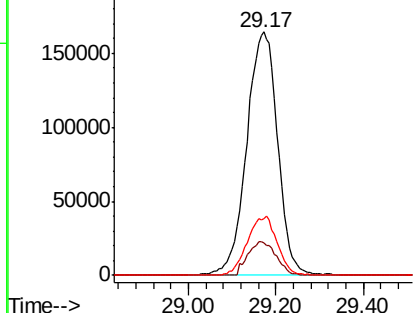
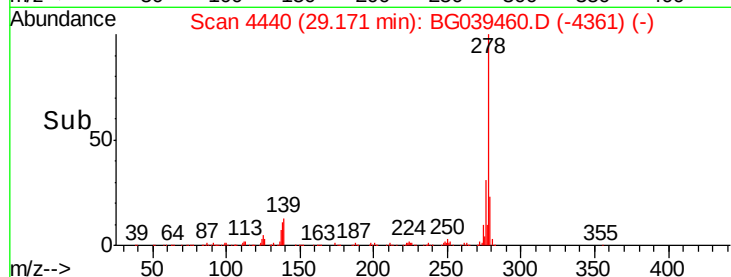
#91
Dibenzo(a,h)anthracene
Concen: 38.375 ng
RT: 29.17 min Scan# 4440
Delta R.T. -0.07 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.2	11.7	17.5
279	23.3	19.1	28.7

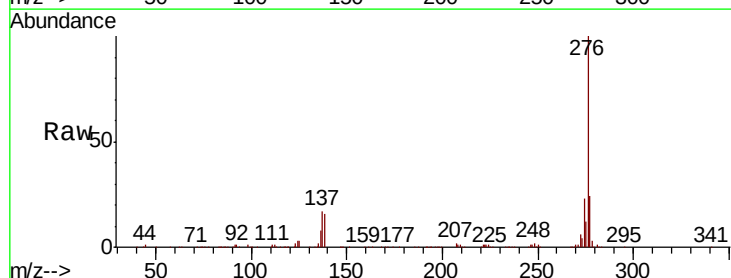


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.128 ng
RT: 30.32 min Scan# 4636
Delta R.T. -0.06 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.6	29.4
138	16.5	14.7	22.1



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

