

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020119\
 Data File : BG039348.D
 Acq On : 1 Feb 2019 18:33
 Operator : JU/SJ
 Sample : PB116762BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116762BS

Quant Time: Feb 02 01:03:09 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	8.18	152	44765	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	199582	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	133072	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	329821	20.00	ng	0.00
76) Chrysene-d12	21.84	240	345691	20.00	ng	0.00
87) Perylene-d12	25.23	264	357887	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	389785	149.03	ng	0.00
7) Phenol-d6	7.32	99	549800	142.81	ng	0.00
23) Nitrobenzene-d5	9.36	82	291544	91.26	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	200835	140.15	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	725391	78.20	ng	0.00
79) Terphenyl-d14	20.14	244	1265516	77.49	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	43882	38.355	ng	95
3) Pyridine	4.01	79	119063	39.306	ng	99
4) n-Nitrosodimethylamine	3.92	42	67448	44.523	ng	100
6) Aniline	7.50	93	149369	30.974	ng	99
8) 2-Chlorophenol	7.74	128	136174	47.630	ng	98
9) Benzaldehyde	7.32	77	31820	13.041	ng	93
10) Phenol	7.34	94	186590	46.493	ng	99
11) bis(2-Chloroethyl)ether	7.60	93	129532	40.846	ng	99
12) 1,3-Dichlorobenzene	8.07	146	136070	39.287	ng	99
13) 1,4-Dichlorobenzene	8.21	146	139966	40.545	ng	97
14) 1,2-Dichlorobenzene	8.54	146	135602	40.576	ng	99
15) Benzyl Alcohol	8.41	79	127566	42.205	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	269642	37.652	ng	99
17) 2-Methylphenol	8.61	107	121822	46.906	ng	94
18) Hexachloroethane	9.27	117	50451	42.479	ng	98
19) n-Nitroso-di-n-propylamine	8.98	70	106461	38.960	ng	98
20) 3+4-Methylphenols	8.93	107	166556	46.571	ng	95
22) Acetophenone	9.01	105	201129	37.516	ng	# 96
24) Nitrobenzene	9.40	77	152699	44.243	ng	99
25) Isophorone	9.92	82	296890	41.936	ng	98
26) 2-Nitrophenol	10.11	139	64890	48.058	ng	96
27) 2,4-Dimethylphenol	10.14	122	142825	49.871	ng	91
28) bis(2-Chloroethoxy)methane	10.40	93	183735	42.135	ng	98
29) 2,4-Dichlorophenol	10.63	162	146201	46.710	ng	93
30) 1,2,4-Trichlorobenzene	10.86	180	145477	41.399	ng	99
31) Naphthalene	11.06	128	419756	42.395	ng	98
32) Benzoic acid	10.26	122	86050	46.283	ng	97
33) 4-Chloroaniline	11.16	127	86332	18.805	ng	97
34) Hexachlorobutadiene	11.32	225	92751	39.689	ng	96
35) Caprolactam	11.94	113	28956	22.356	ng	93
36) 4-Chloro-3-methylphenol	12.25	107	155945	43.081	ng	96
37) 2-Methylnaphthalene	12.65	142	320522	43.708	ng	98
38) 1-Methylnaphthalene	12.86	142	305280	43.186	ng	98
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	168729	39.851	ng	98

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41) Hexachlorocyclopentadiene	12.97	237	230023	99.700	ng	98
43) 2,4,6-Trichlorophenol	13.23	196	117280	45.051	ng	96
44) 2,4,5-Trichlorophenol	13.31	196	125170	45.876	ng	98
46) 1,1'-Biphenyl	13.64	154	427495	38.611	ng	99
47) 2-Chloronaphthalene	13.69	162	324888	39.006	ng	99
48) 2-Nitroaniline	13.89	65	105395	44.732	ng	98
49) Acenaphthylene	14.53	152	528021	42.013	ng	98
50) Dimethylphthalate	14.25	163	431050	40.107	ng	99
51) 2,6-Dinitrotoluene	14.38	165	90712	45.549	ng	99
52) Acenaphthene	14.87	154	324168	39.735	ng	96
53) 3-Nitroaniline	14.71	138	59752	30.035	ng	# 92
54) 2,4-Dinitrophenol	14.91	184	69782	79.019	ng	98
55) Dibenzofuran	15.20	168	520350	39.781	ng	99
56) 4-Nitrophenol	14.99	139	170889	87.366	ng	94
57) 2,4-Dinitrotoluene	15.16	165	127370	49.258	ng	94
58) Fluorene	15.85	166	412684	42.323	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	123801	48.461	ng	98
60) Diethylphthalate	15.61	149	434388	39.092	ng	97
61) 4-Chlorophenyl-phenylether	15.83	204	217495	39.393	ng	98
62) 4-Nitroaniline	15.87	138	99745	44.586	ng	95
63) Azobenzene	16.12	77	409657	37.718	ng	99
65) 4,6-Dinitro-2-methylphenol	15.91	198	61848	47.715	ng	95
66) n-Nitrosodiphenylamine	16.05	169	376263	37.519	ng	98
67) 4-Bromophenyl-phenylether	16.73	248	138398	37.824	ng	96
68) Hexachlorobenzene	16.84	284	142124	38.715	ng	99
69) Atrazine	16.99	200	153165	41.792	ng	98
70) Pentachlorophenol	17.18	266	195459	76.607	ng	98
71) Phenanthrene	17.59	178	709242	41.548	ng	100
72) Anthracene	17.68	178	720167	42.830	ng	99
73) Carbazole	17.95	167	645145	38.446	ng	98
74) Di-n-butylphthalate	18.49	149	786138	40.156	ng	100
75) Fluoranthene	19.59	202	865879	43.701	ng	99
77) Benzidine	19.77	184	303870	26.811	ng	99
78) Pyrene	19.95	202	877706	40.785	ng	99
80) Butylbenzylphthalate	20.82	149	365895	40.306	ng	95
81) Benzo(a)anthracene	21.82	228	867654	42.477	ng	99
82) 3,3'-Dichlorobenzidine	21.73	252	176214	23.265	ng	98
83) Chrysene	21.89	228	816058	41.968	ng	99
84) Bis(2-ethylhexyl)phthalate	21.70	149	518247	40.016	ng	98
85) Di-n-octyl phthalate	22.97	149	888879	41.543	ng	97
86) Indeno(1,2,3-cd)pyrene	29.12	276	974917	46.730	ng	98
88) Benzo(b)fluoranthene	24.14	252	855792	43.847	ng	99
89) Benzo(k)fluoranthene	24.21	252	825468	42.126	ng	99
90) Benzo(a)pyrene	25.07	252	832624	44.296	ng	98
91) Dibenzo(a,h)anthracene	29.20	278	789501	44.850	ng	99
92) Benzo(g,h,i)perylene	30.35	276	804706	45.864	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.18 min Scan# 866

Delta R.T. -0.01 min

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BNA_G

ClientSampled :

PB116762BS

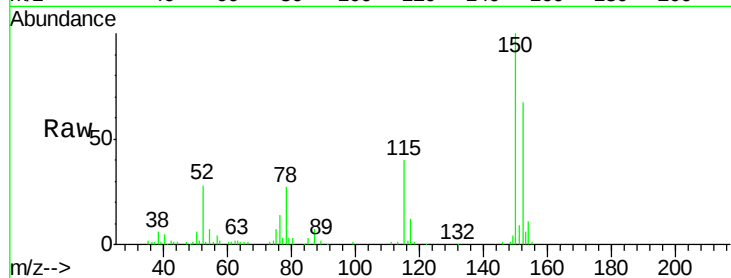
Tgt Ion:152 Resp: 44765

Ion Ratio Lower Upper

152 100

150 149.4 123.7 185.5

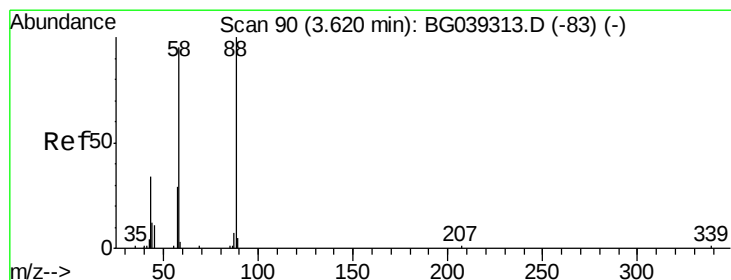
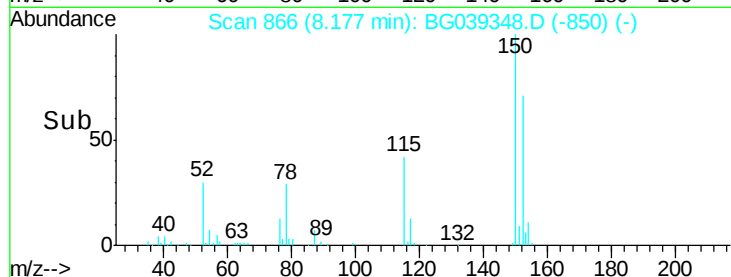
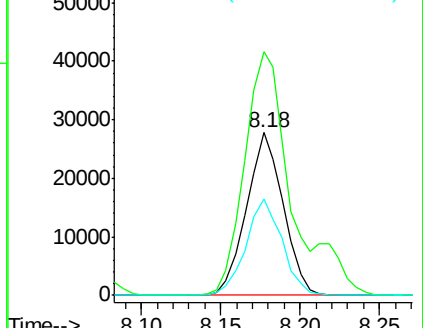
115 59.4 45.9 68.9



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: 38.355 ng

RT: 3.61 min Scan# 88

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

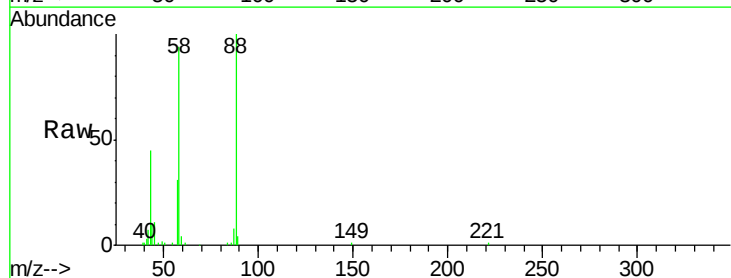
Tgt Ion: 88 Resp: 43882

Ion Ratio Lower Upper

88 100

58 96.8 81.1 121.7

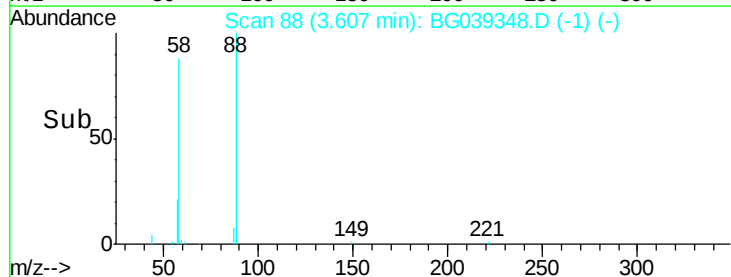
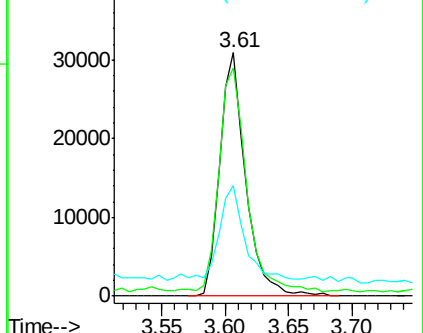
43 36.4 31.4 47.0

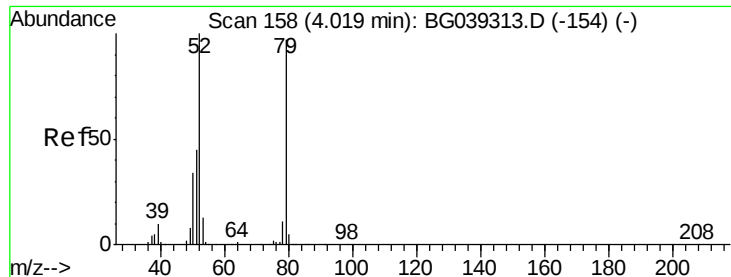


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 39.306 ng

RT: 4.01 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG039348.D

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Instrument :

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ClientSampleId :

PB116762BS

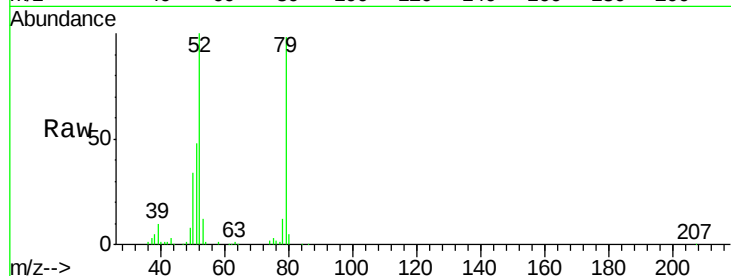
Tgt Ion: 79 Resp: 119063

Ion Ratio Lower Upper

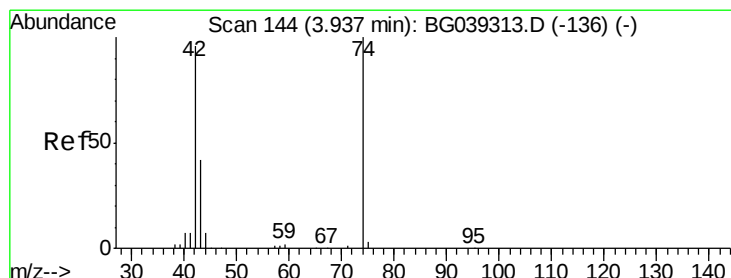
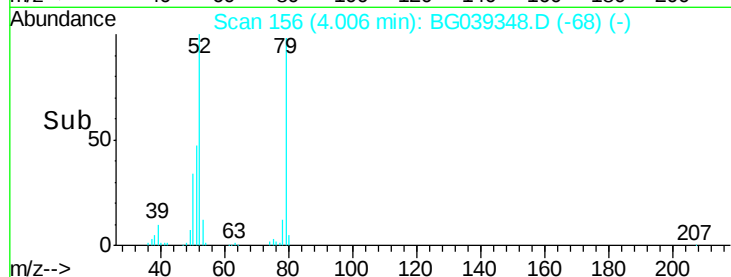
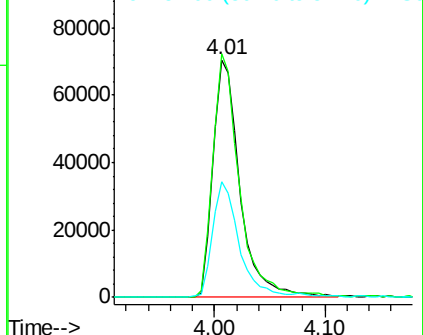
79 100

52 102.4 82.6 124.0

51 48.7 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: 44.523 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

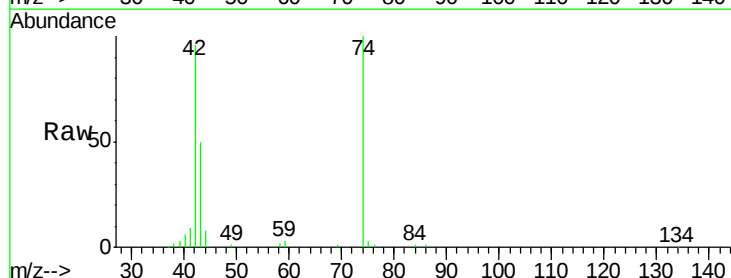
Tgt Ion: 42 Resp: 67448

Ion Ratio Lower Upper

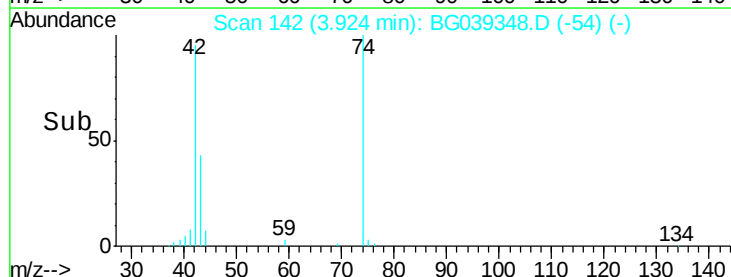
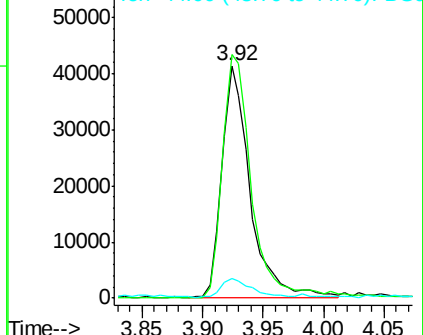
42 100

74 104.7 83.6 125.4

44 8.4 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: 149.027 ng

RT: 5.72 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

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BNA_G

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PB116762BS

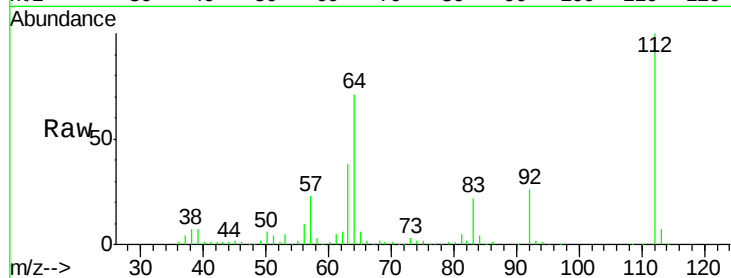
Tgt Ion: 112 Resp: 389785

Ion Ratio Lower Upper

112 100

64 71.3 57.8 86.8

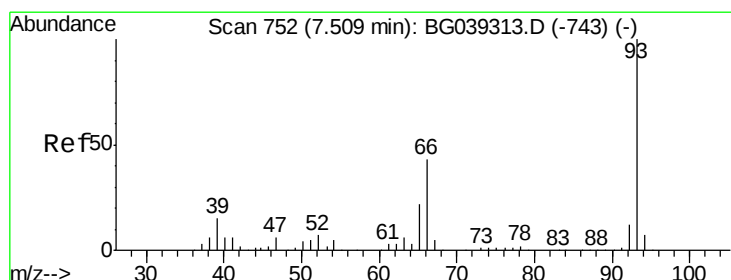
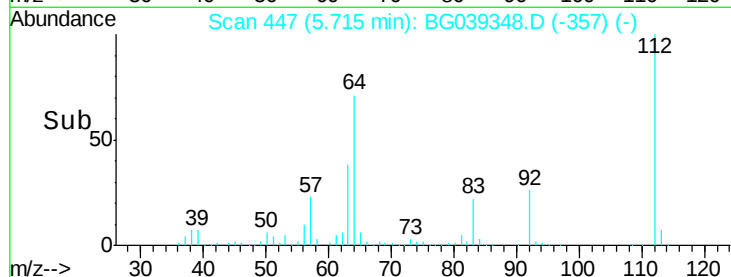
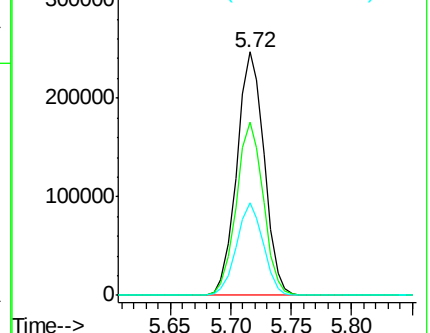
63 37.8 29.8 44.6



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: 30.974 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

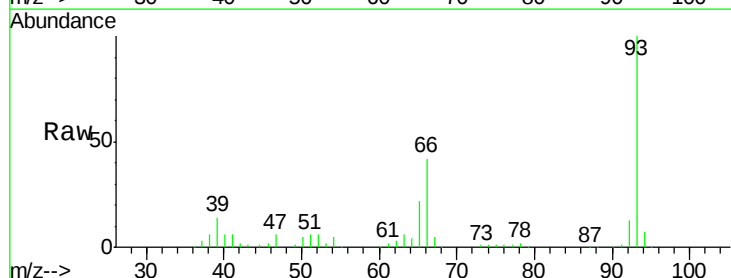
Tgt Ion: 93 Resp: 149369

Ion Ratio Lower Upper

93 100

66 42.4 34.2 51.4

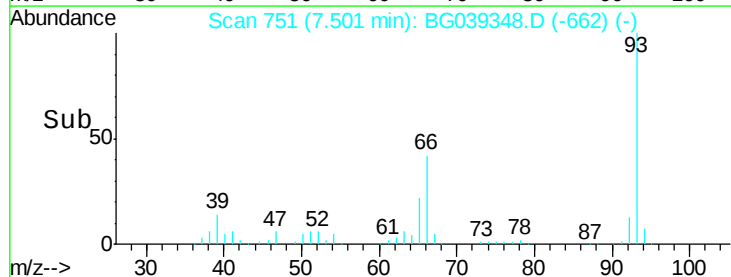
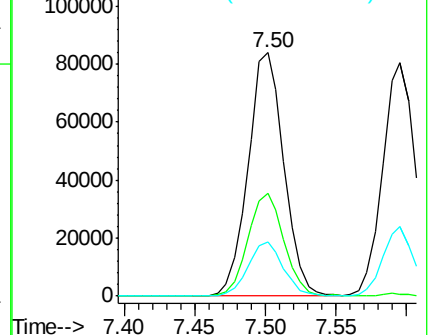
65 22.4 17.7 26.5

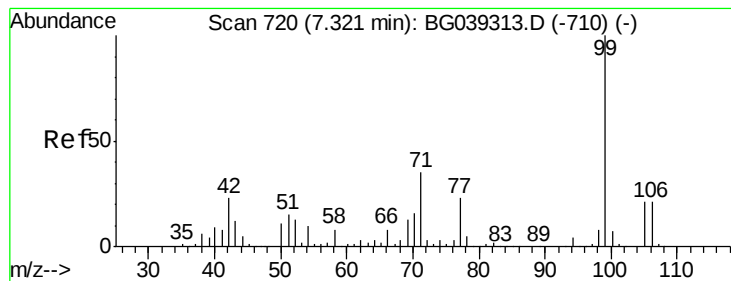


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 142.806 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

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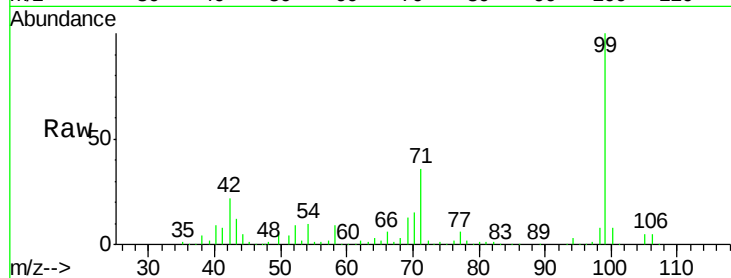
Tgt Ion: 99 Resp: 549800

Ion Ratio Lower Upper

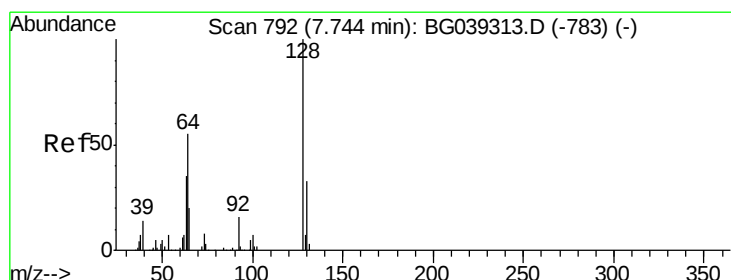
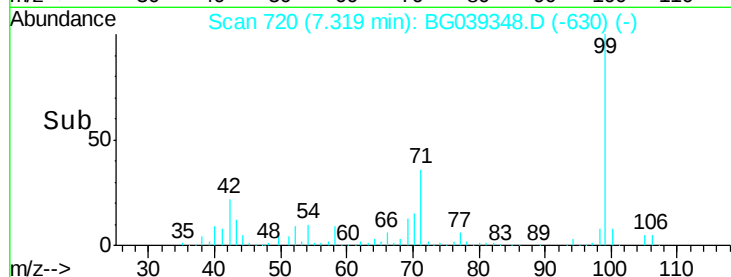
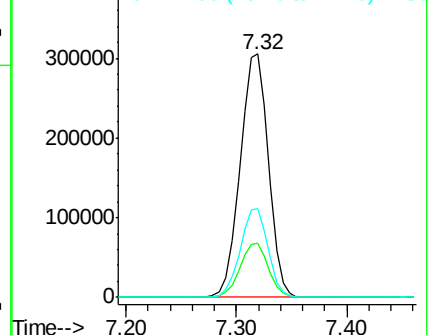
99 100

42 22.0 18.2 27.2

71 36.4 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: 47.630 ng

RT: 7.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

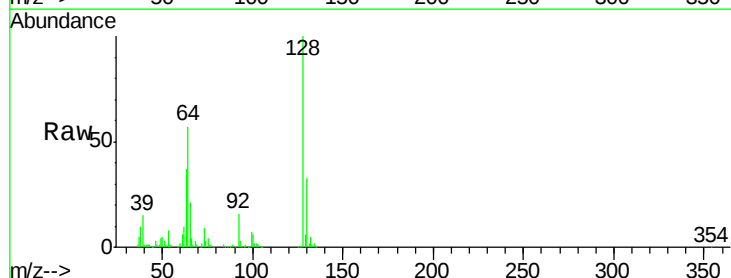
Tgt Ion: 128 Resp: 136174

Ion Ratio Lower Upper

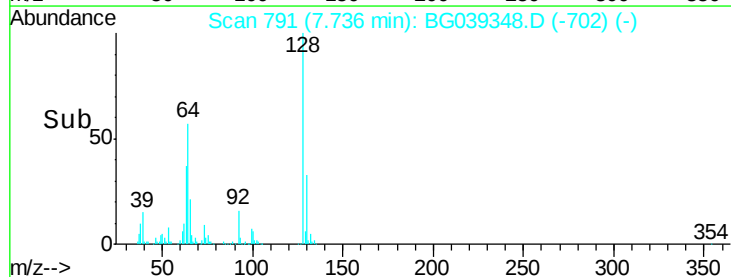
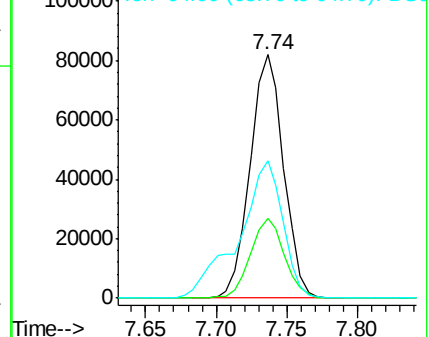
128 100

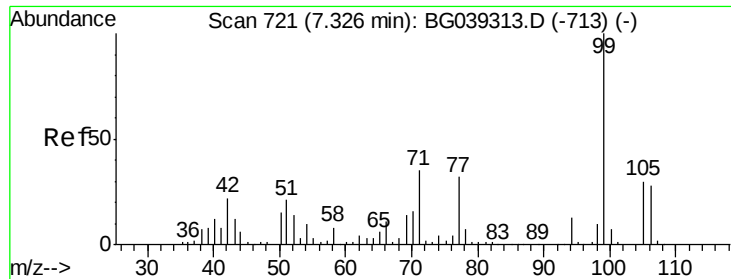
130 32.6 12.9 52.9

64 56.6 38.7 78.7



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





#9

Benzaldehyde

Concen: 13.041 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG039348.D

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Instrument :

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ClientSampleId :

PB116762BS

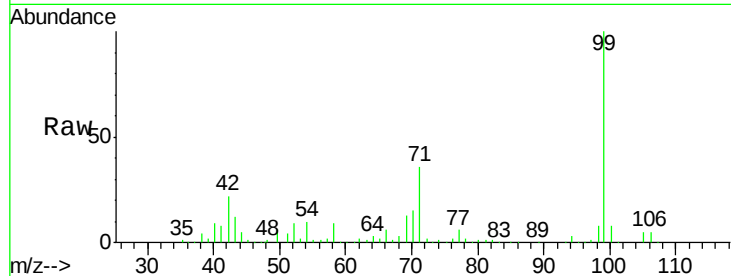
Tgt Ion: 77 Resp: 31820

Ion Ratio Lower Upper

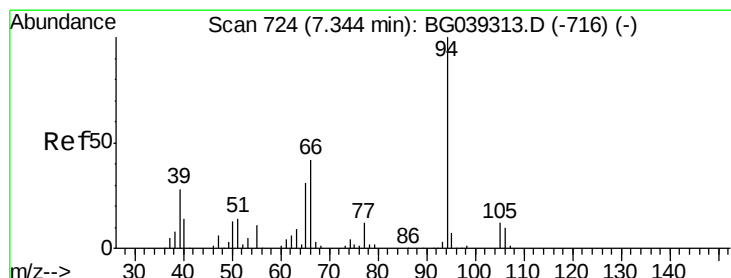
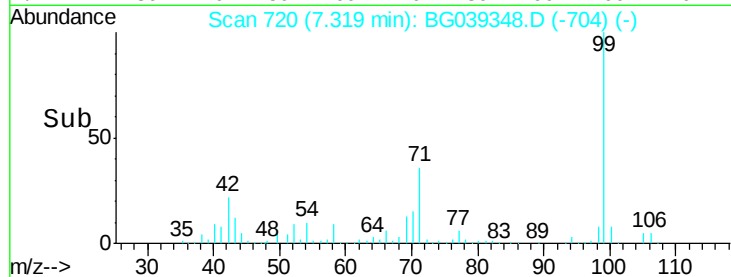
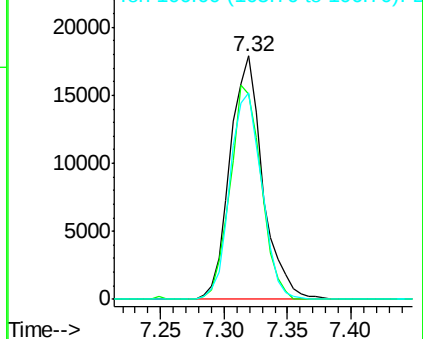
77 100

105 84.5 74.5 114.5

106 84.9 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: 46.493 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

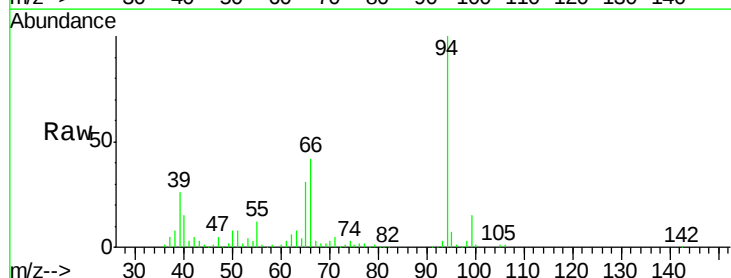
Tgt Ion: 94 Resp: 186590

Ion Ratio Lower Upper

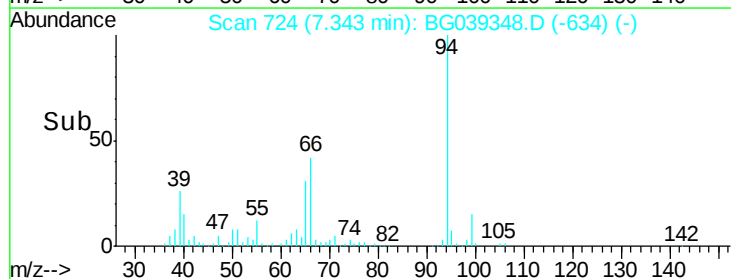
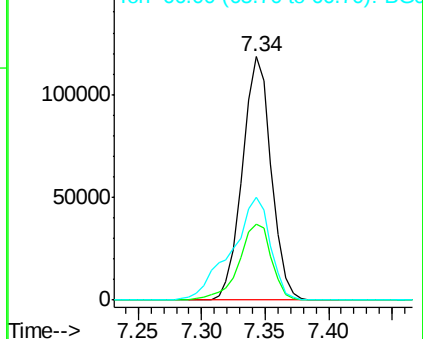
94 100

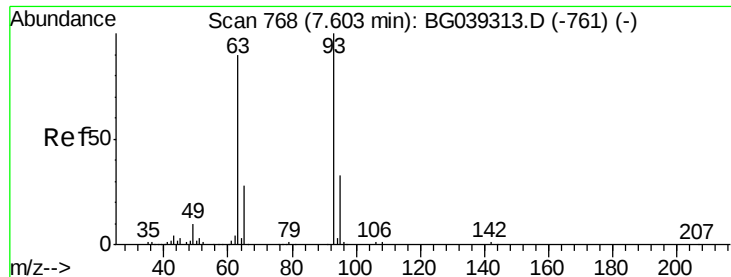
65 31.4 11.7 51.7

66 42.5 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: 40.846 ng

RT: 7.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

Instrument :

BNA_G

ClientSampleId :

PB116762BS

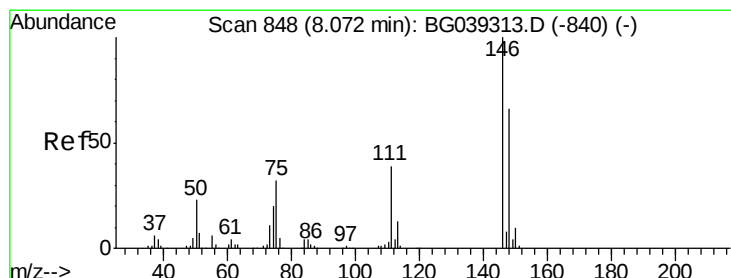
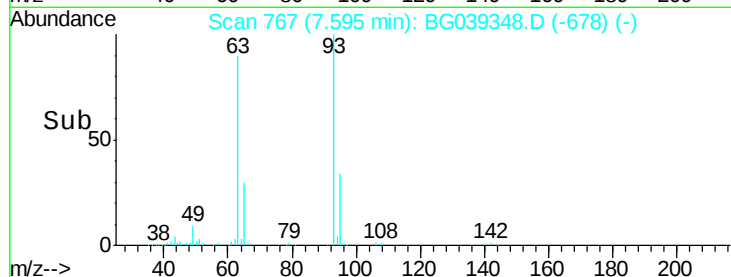
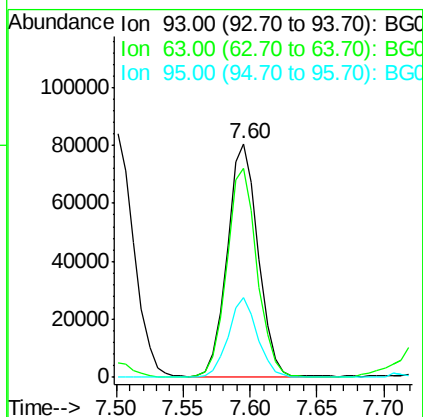
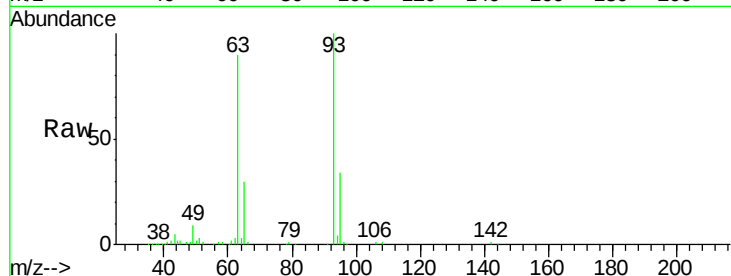
Tgt Ion: 93 Resp: 129532

Ion Ratio Lower Upper

93 100

63 89.8 69.5 109.5

95 34.2 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 39.287 ng

RT: 8.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

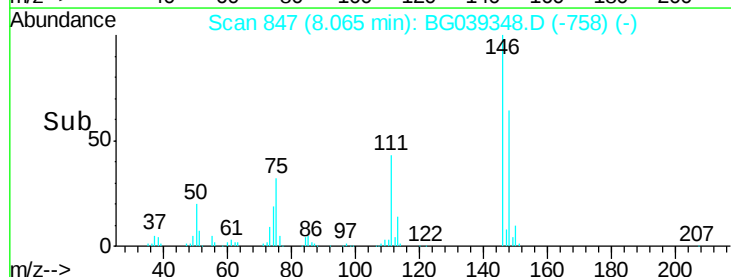
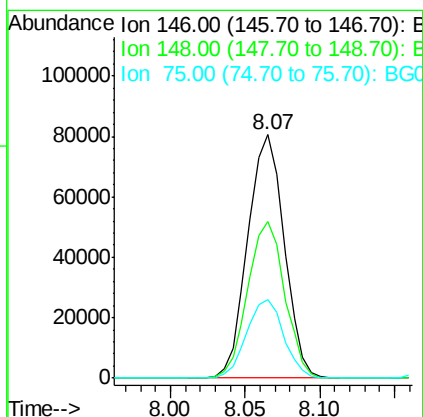
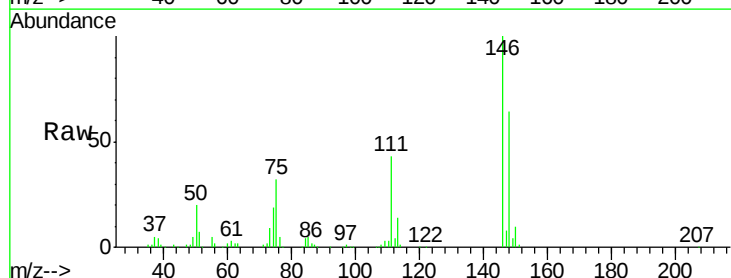
Tgt Ion: 146 Resp: 136070

Ion Ratio Lower Upper

146 100

148 64.2 52.6 79.0

75 32.1 25.8 38.6

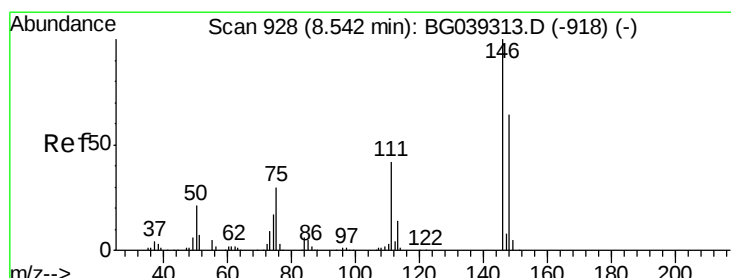
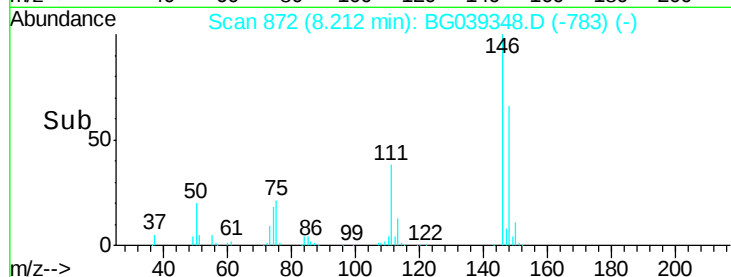
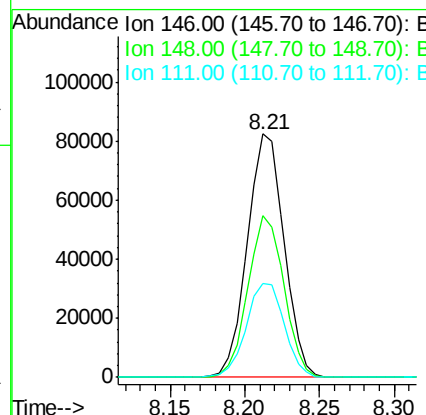
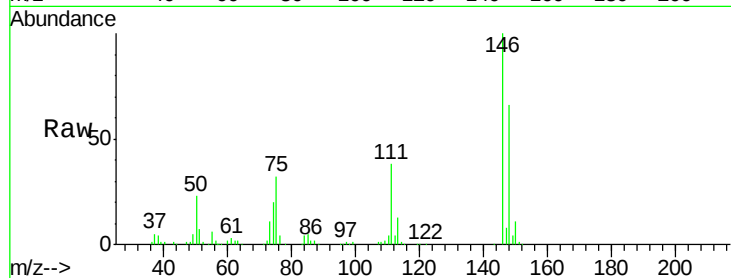




#13
 1,4-Dichlorobenzene
 Concen: 40.545 ng
 RT: 8.21 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: BG039348.D
 Acq: 1 Feb 2019 18:33

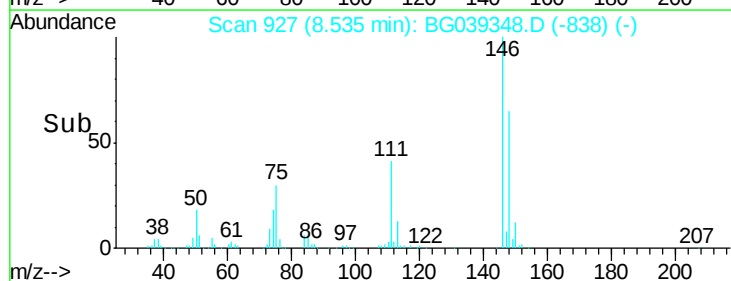
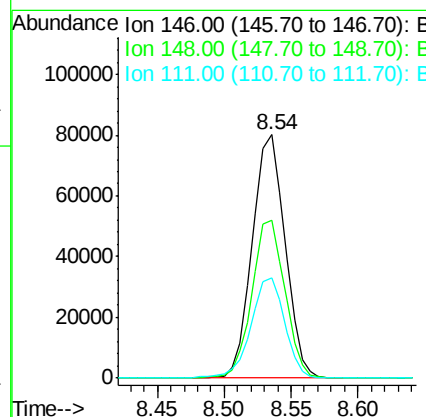
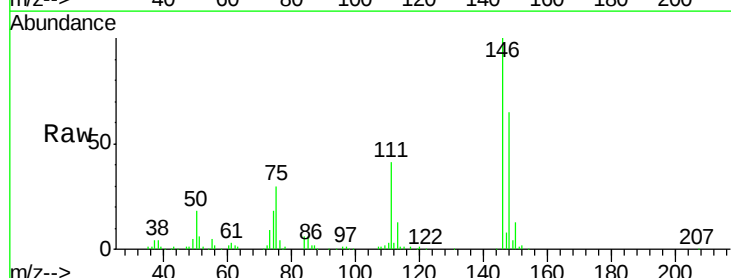
Instrument :
 BNA_G
 ClientSampleId :
 PB116762BS

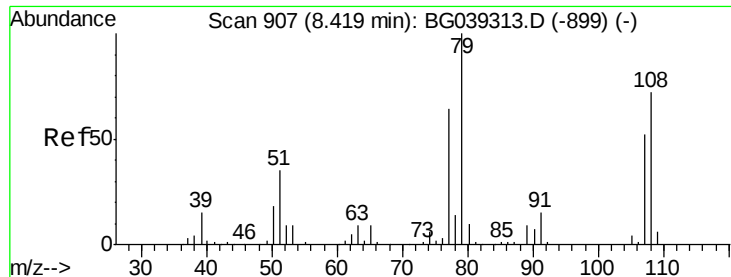
Tgt Ion:146 Resp: 139966
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.1 76.7
 111 38.3 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 40.576 ng
 RT: 8.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BG039348.D
 Acq: 1 Feb 2019 18:33

Tgt Ion:146 Resp: 135602
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.5 77.3
 111 41.2 33.8 50.6





#15

Benzyl Alcohol

Concen: 42.205 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

Instrument :

BNA_G

ClientSampleId :

PB116762BS

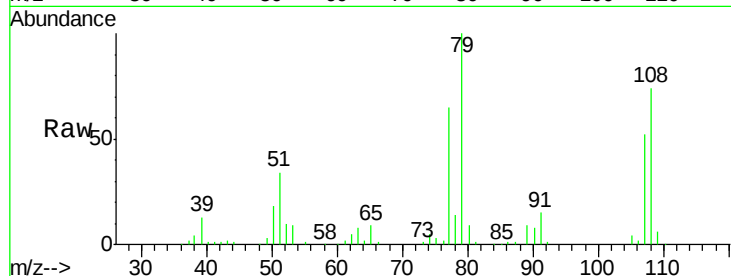
Tgt Ion: 79 Resp: 127566

Ion Ratio Lower Upper

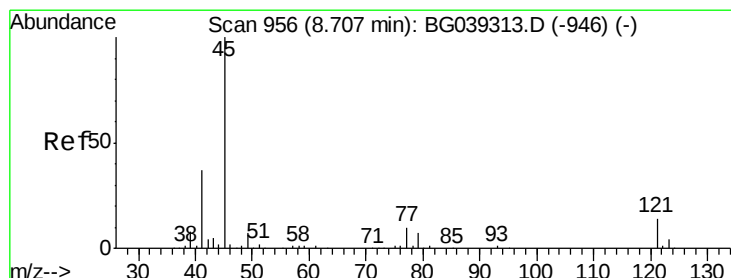
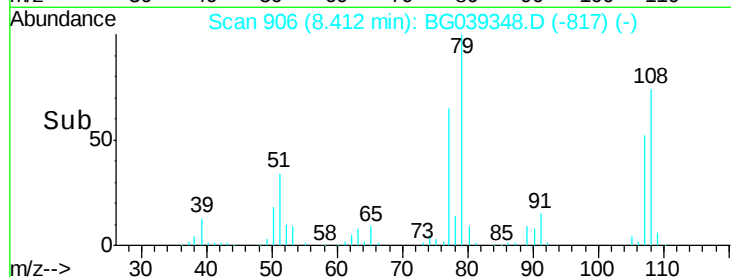
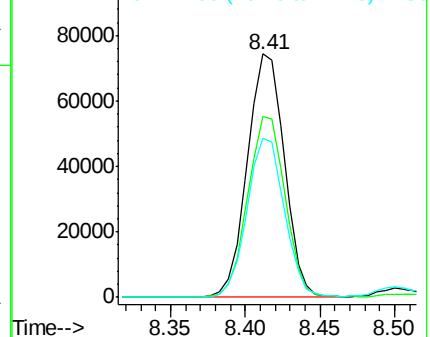
79 100

108 74.3 57.8 86.6

77 65.4 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.652 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

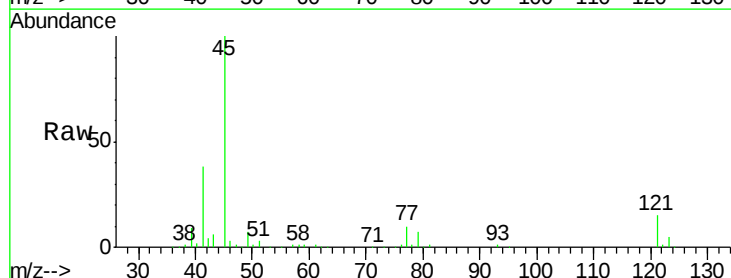
Tgt Ion: 45 Resp: 269642

Ion Ratio Lower Upper

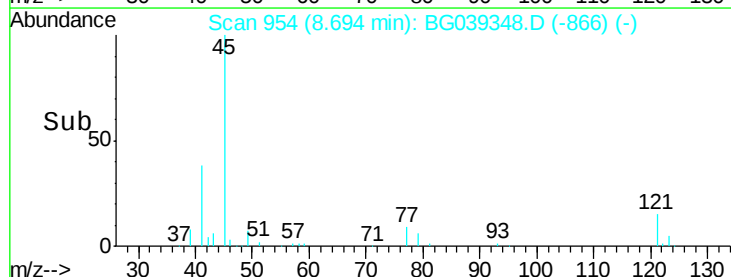
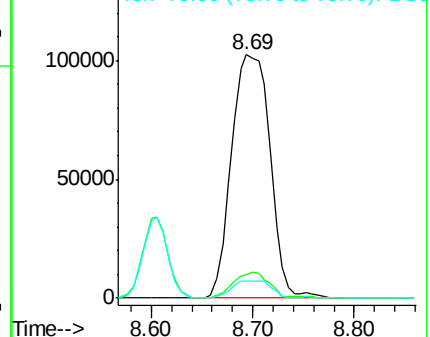
45 100

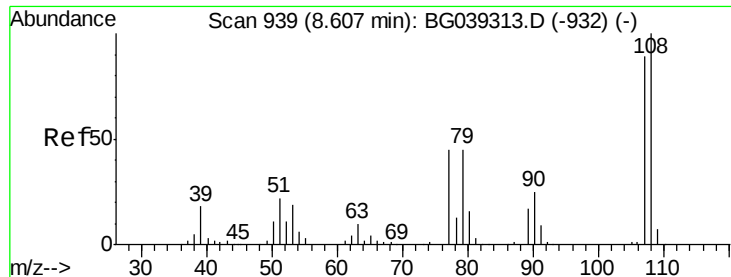
77 9.8 0.0 30.0

79 7.1 0.0 27.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

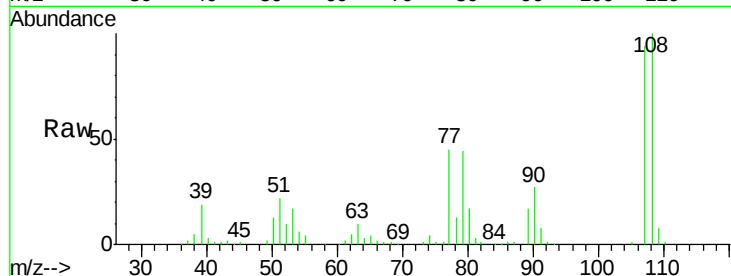




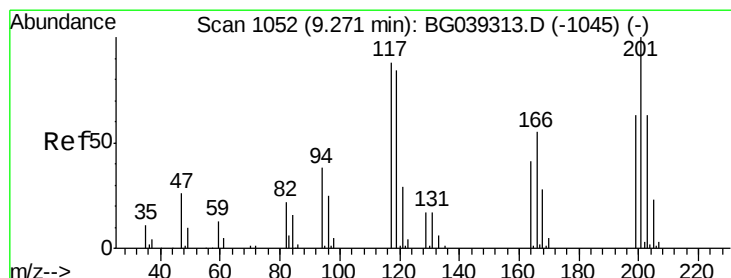
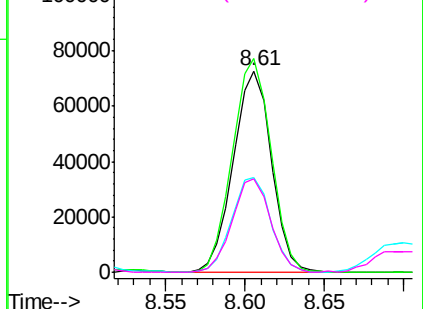
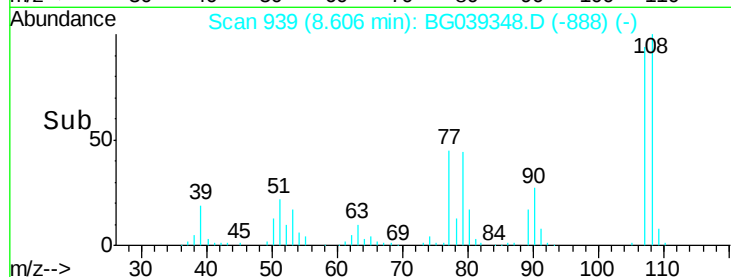
#17
2-Methylphenol
Concen: 46.906 ng
RT: 8.61 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG039348.D
Acq: 1 Feb 2019 18:33

Instrument :
BNA_G
ClientSampleId :
PB116762BS

Tgt Ion:107 Resp: 121822
Ion Ratio Lower Upper
107 100
108 105.9 90.8 136.2
77 47.2 40.7 61.1
79 46.4 40.6 60.8

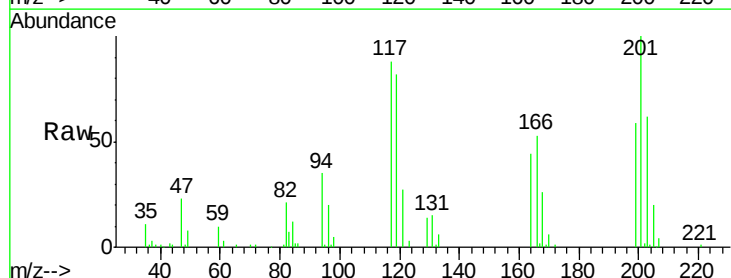


Abundance Ion 107.00 (106.70 to 107.70): E
120000 Ion 108.00 (107.70 to 108.70): E
100000 Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

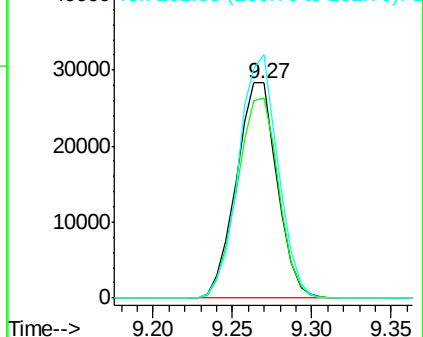
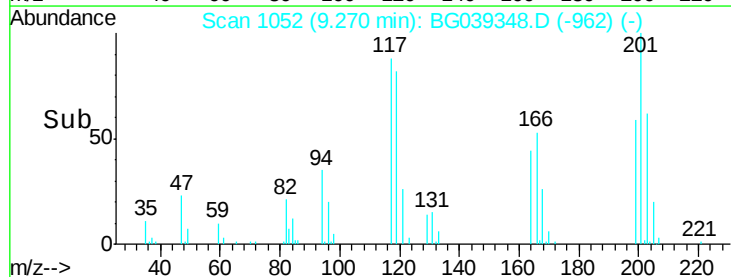


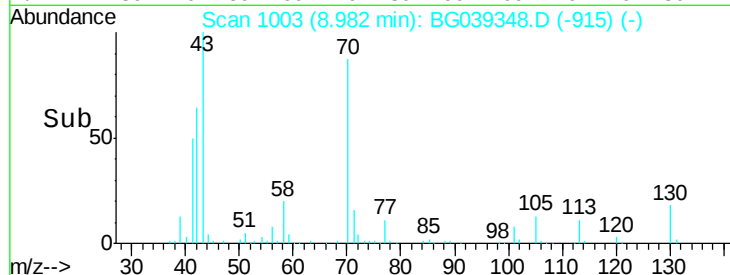
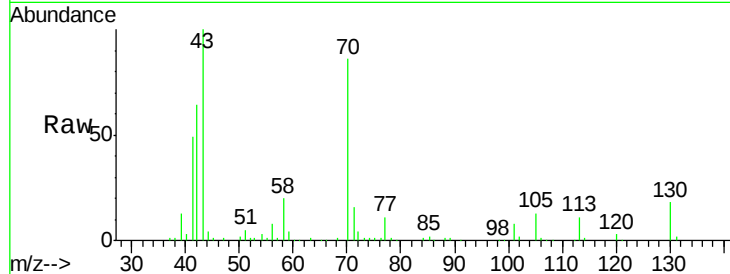
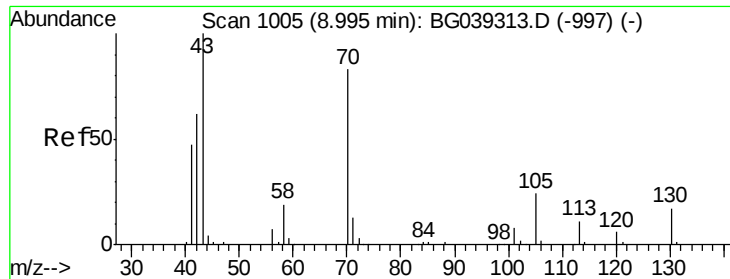
#18
Hexachloroethane
Concen: 42.479 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BG039348.D
Acq: 1 Feb 2019 18:33

Tgt Ion:117 Resp: 50451
Ion Ratio Lower Upper
117 100
119 93.1 76.3 114.5
201 113.1 91.1 136.7



Abundance Ion 117.00 (116.70 to 117.70): E
40000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

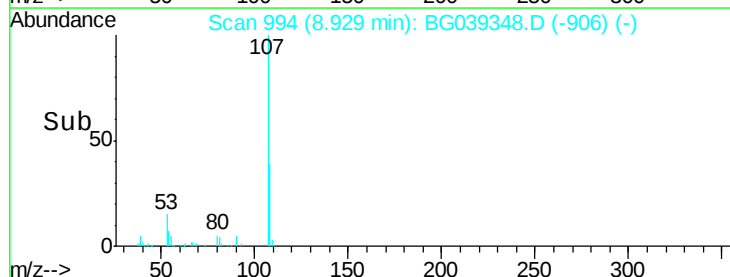
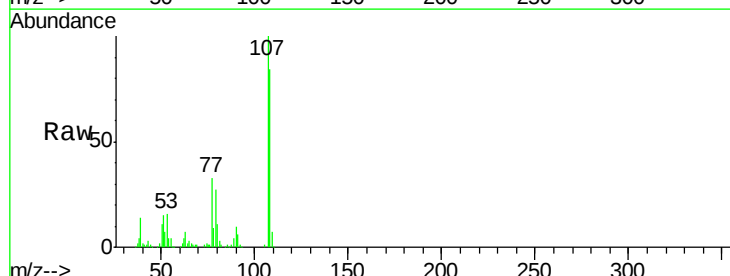
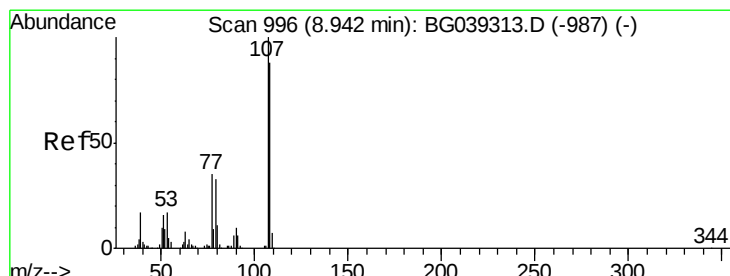
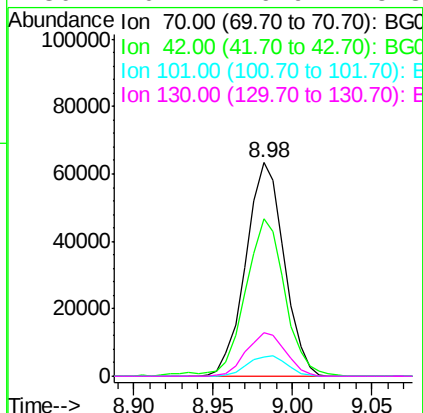




#19
n-Nitroso-di-n-propylamine
Concen: 38.960 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG039348.D
Acq: 1 Feb 2019 18:33

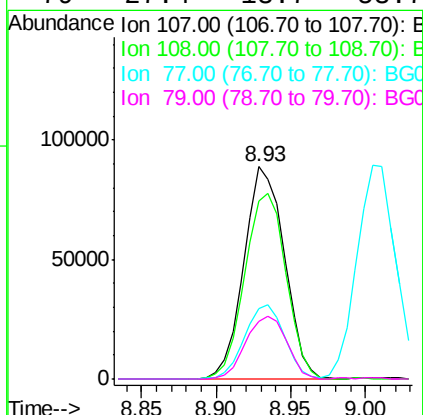
Instrument :
BNA_G
ClientSampleId :
PB116762BS

Tgt Ion:	70	Resp:	106461
Ion	Ratio	Lower	Upper
70	100		
42	73.5	60.4	90.6
101	9.2	7.5	11.3
130	20.4	16.9	25.3



#20
3+4-Methylphenols
Concen: 46.571 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG039348.D
Acq: 1 Feb 2019 18:33

Tgt Ion:	107	Resp:	166556
Ion	Ratio	Lower	Upper
107	100		
108	84.2	67.9	107.9
77	33.3	15.4	55.4
79	27.4	13.7	53.7

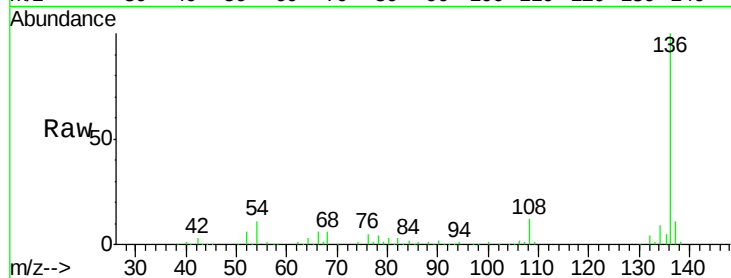




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039348.D
Acq: 1 Feb 2019 18:33

Instrument :
BNA_G
ClientSampleId :
PB116762BS

Tgt Ion:	136	Resp:	199582
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	11.4	9.4	14.2
68	6.0	4.2	6.4



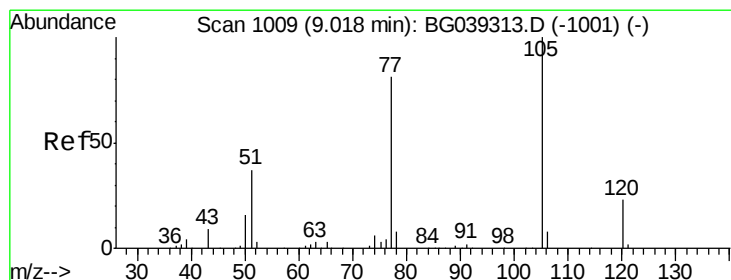
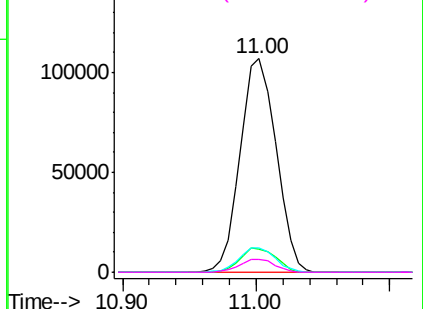
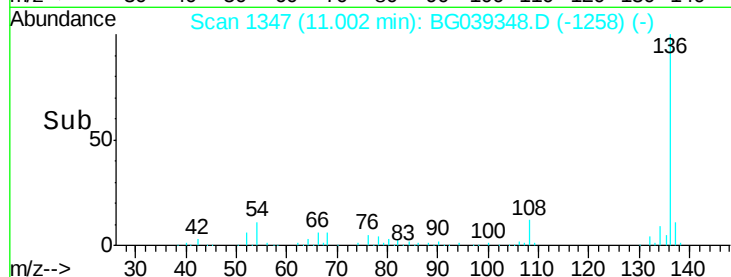
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

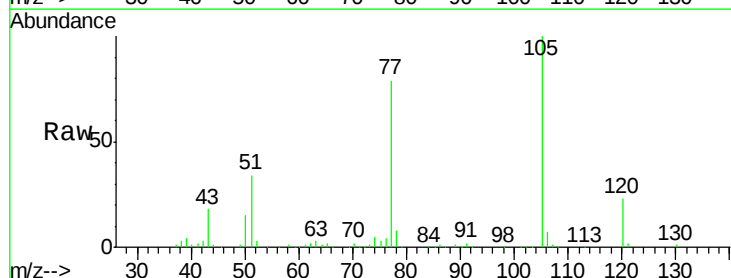
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 37.516 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG039348.D
Acq: 1 Feb 2019 18:33

Tgt Ion:	105	Resp:	201129
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.8	1.2#
51	34.0	30.2	45.2
120	22.9	18.0	27.0



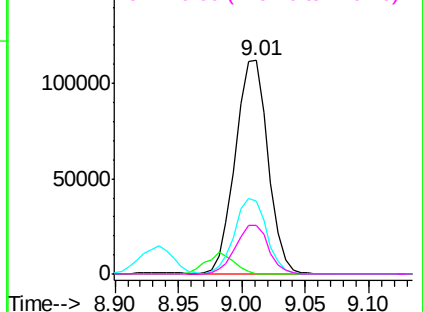
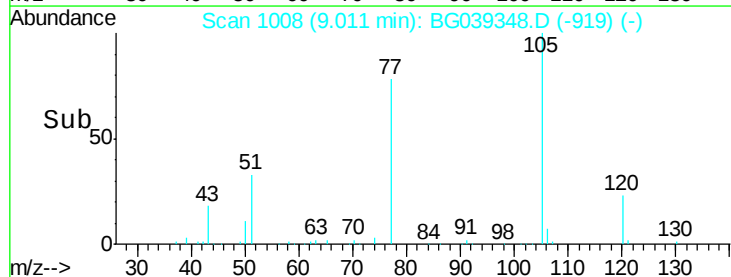
Abundance

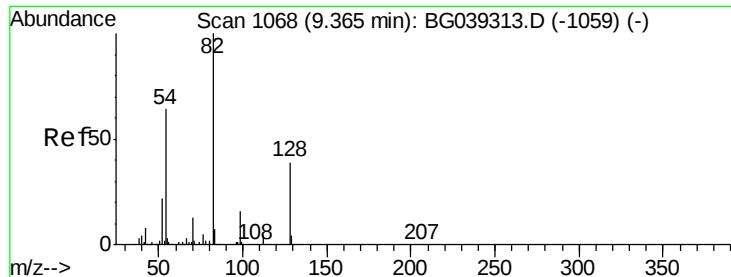
Ion 105.00 (104.70 to 105.70): E

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

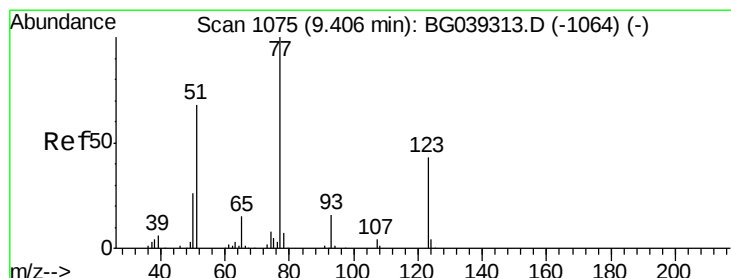
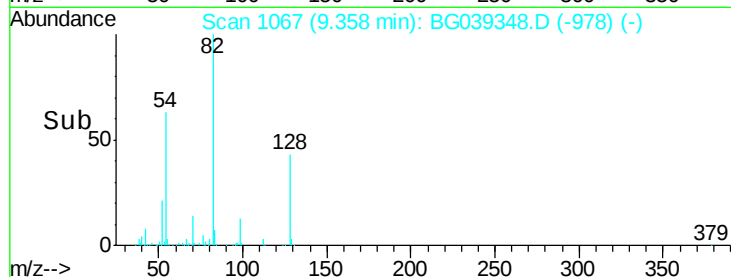
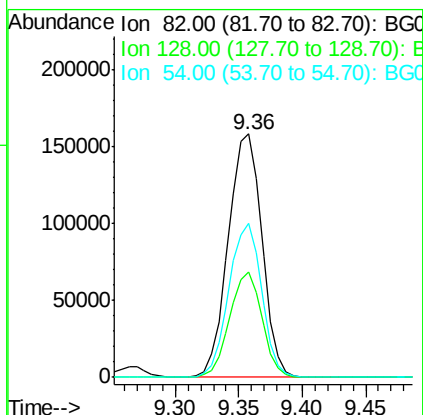
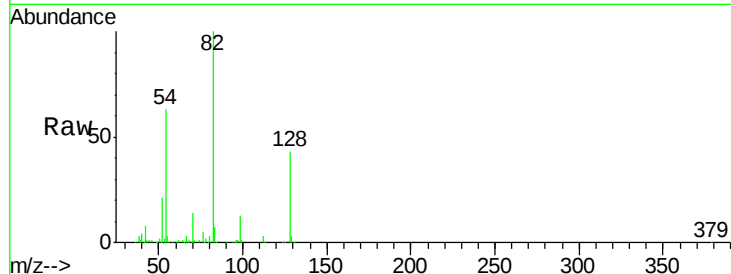




#23
 Nitrobenzene-d5
 Concen: 91.257 ng
 RT: 9.36 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BG039348.D
 Acq: 1 Feb 2019 18:33

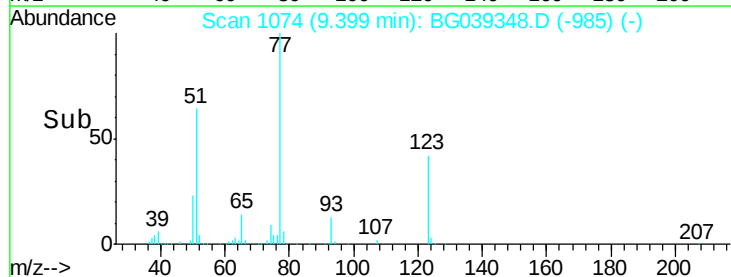
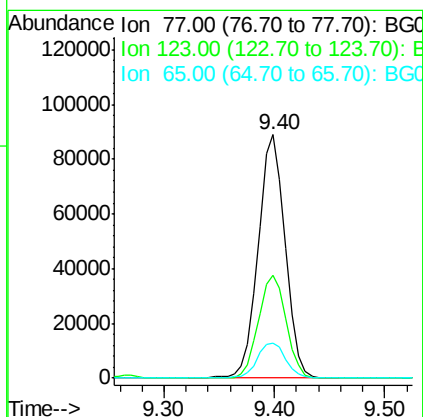
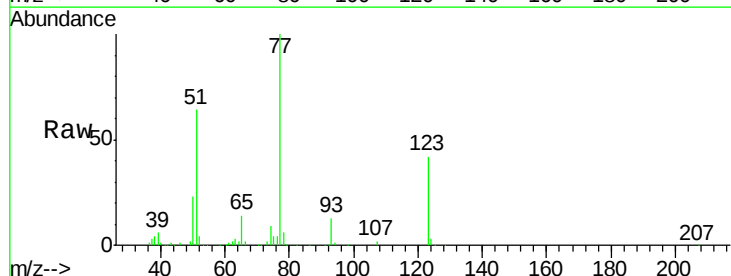
Instrument :
 BNA_G
 ClientSampleId :
 PB116762BS

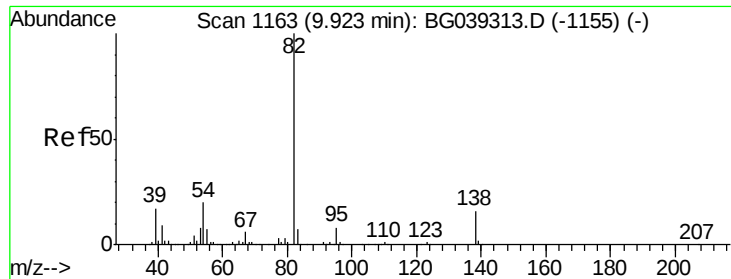
Tgt Ion: 82 Resp: 291544
 Ion Ratio Lower Upper
 82 100
 128 43.5 31.3 46.9
 54 63.3 50.9 76.3



#24
 Nitrobenzene
 Concen: 44.243 ng
 RT: 9.40 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BG039348.D
 Acq: 1 Feb 2019 18:33

Tgt Ion: 77 Resp: 152699
 Ion Ratio Lower Upper
 77 100
 123 42.3 34.1 51.1
 65 14.3 12.3 18.5





#25

Isophorone

Concen: 41.936 ng

RT: 9.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

Instrument :

BNA_G

ClientSampleId :

PB116762BS

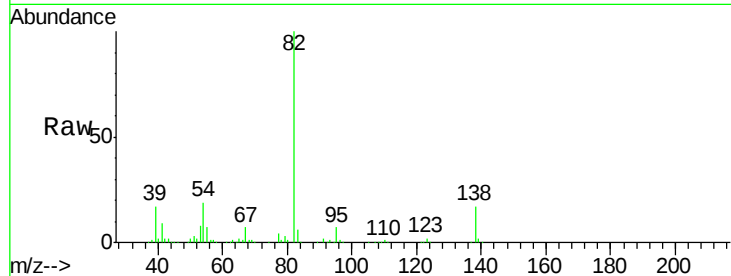
Tgt Ion: 82 Resp: 296890

Ion Ratio Lower Upper

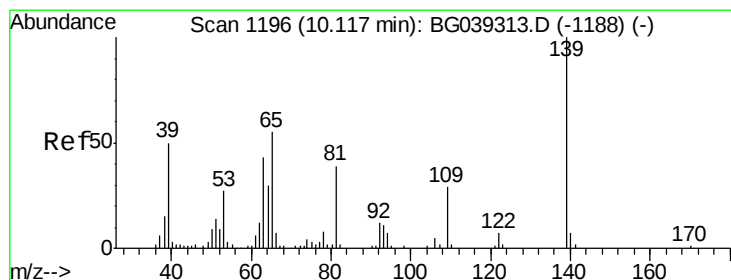
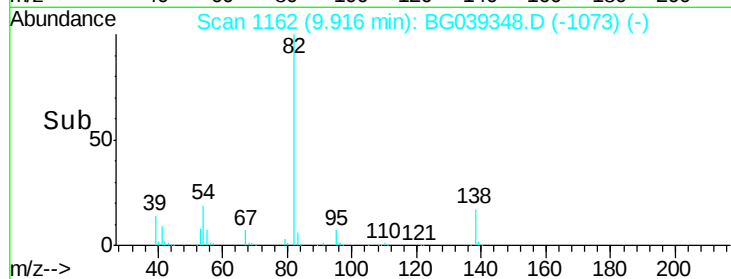
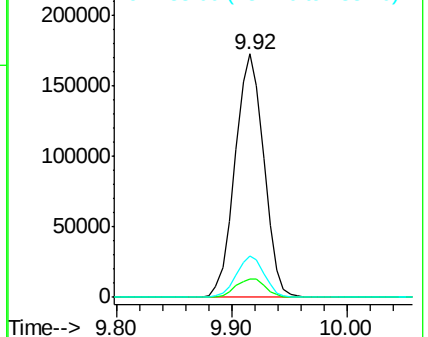
82 100

95 7.3 6.2 9.2

138 17.0 13.0 19.4



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



#26

2-Nitrophenol

Concen: 48.058 ng

RT: 10.11 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

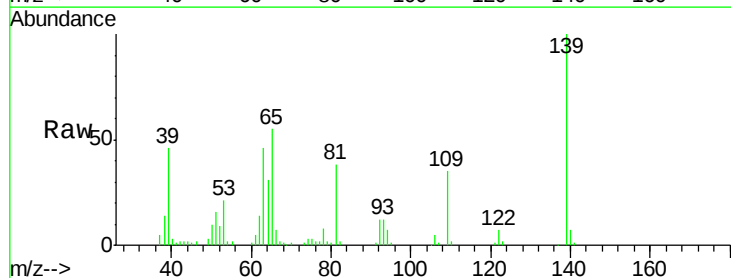
Tgt Ion: 139 Resp: 64890

Ion Ratio Lower Upper

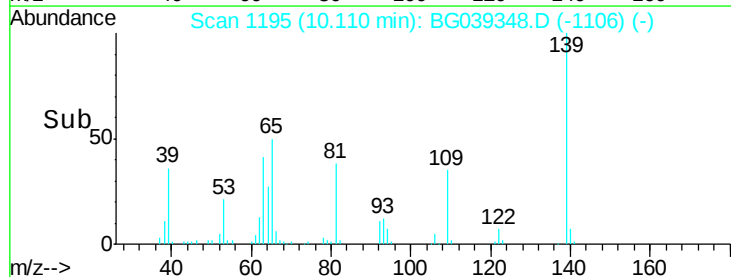
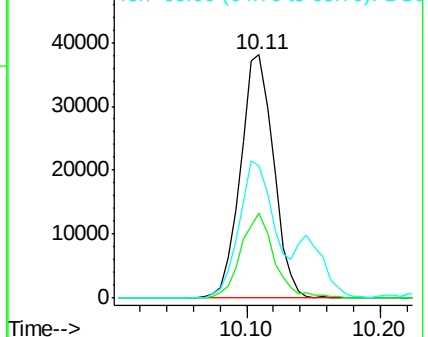
139 100

109 34.7 23.4 35.0

65 54.6 44.3 66.5



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

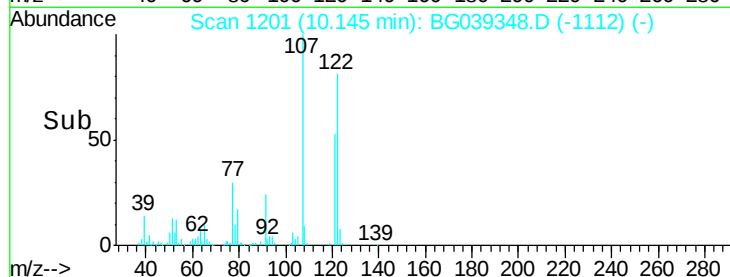
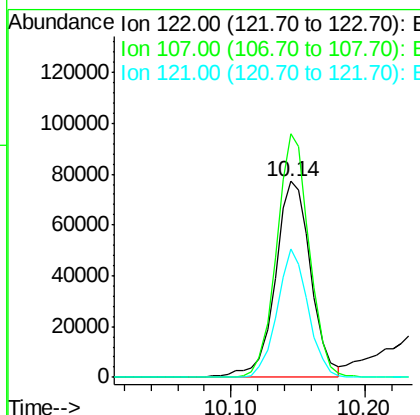
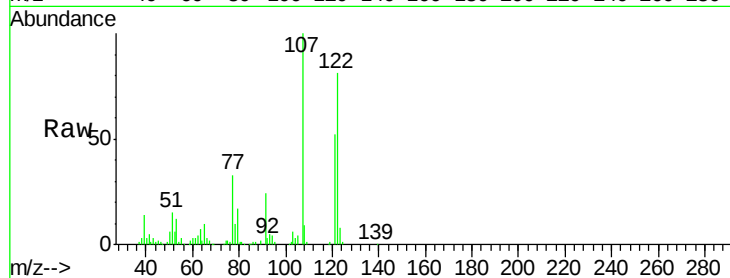




#27
2,4-Dimethylphenol
Concen: 49.871 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG039348.D
Acq: 1 Feb 2019 18:33

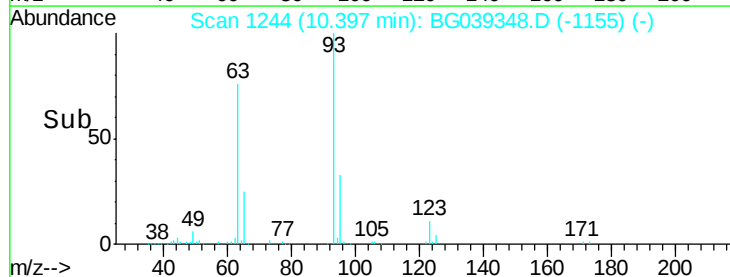
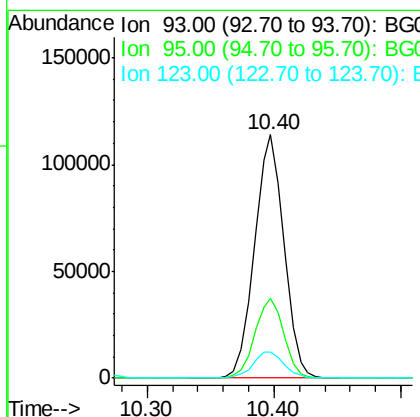
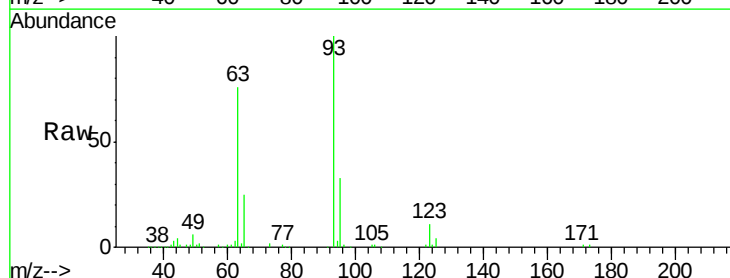
Instrument :
BNA_G
ClientSampleId :
PB116762BS

Tgt Ion:122 Resp: 142825
Ion Ratio Lower Upper
122 100
107 124.1 91.7 137.5
121 65.2 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.135 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BG039348.D
Acq: 1 Feb 2019 18:33

Tgt Ion: 93 Resp: 183735
Ion Ratio Lower Upper
93 100
95 32.5 25.0 37.4
123 10.6 8.6 12.8

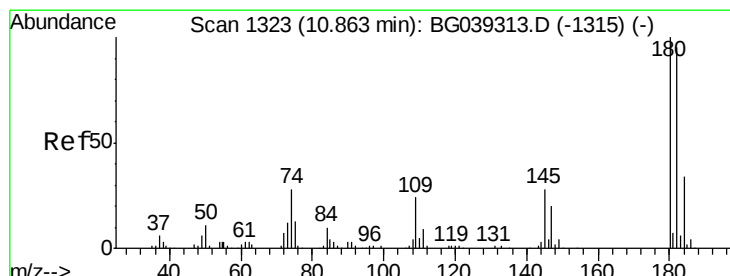
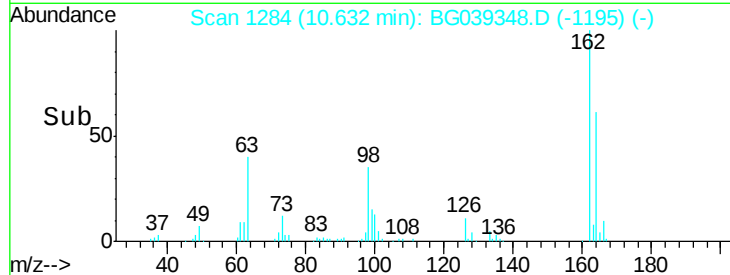
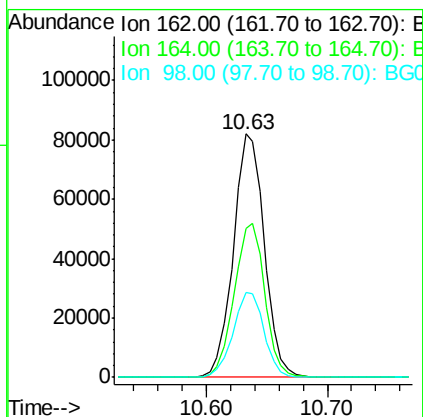
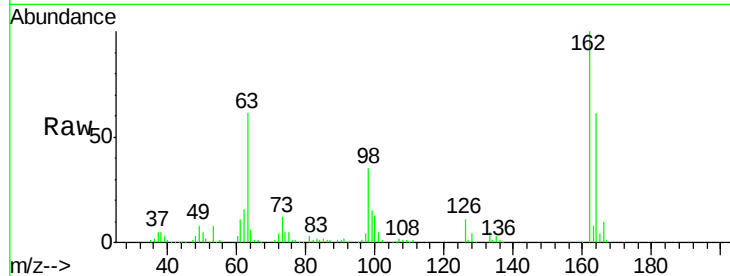




#29
 2,4-Dichlorophenol
 Concen: 46.710 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BG039348.D
 Acq: 1 Feb 2019 18:33

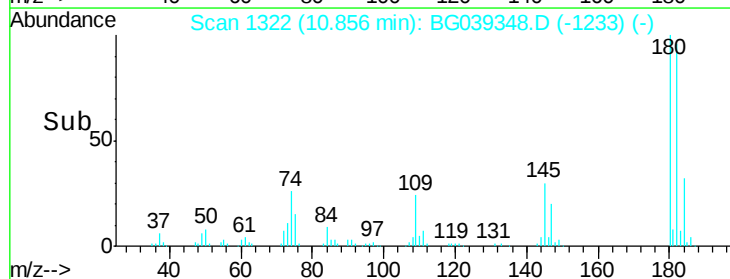
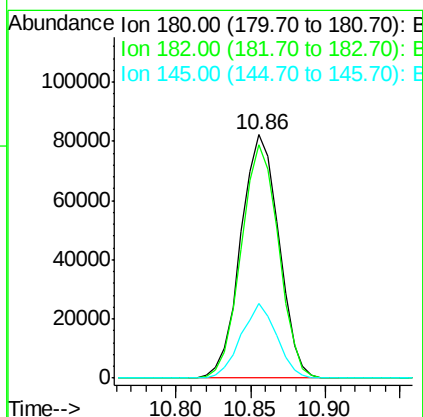
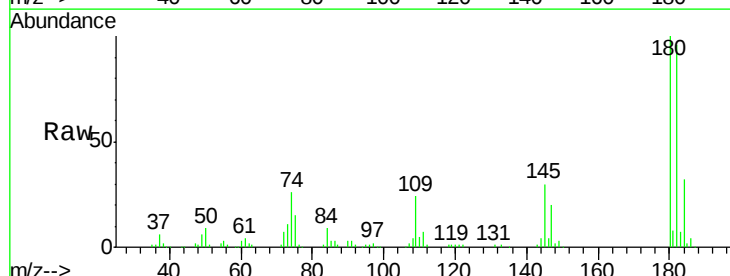
Instrument :
 BNA_G
 ClientSampleId :
 PB116762BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.2	48.1	88.1
98	35.0	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.399 ng
 RT: 10.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BG039348.D
 Acq: 1 Feb 2019 18:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.0	114.0
145	30.4	22.7	34.1

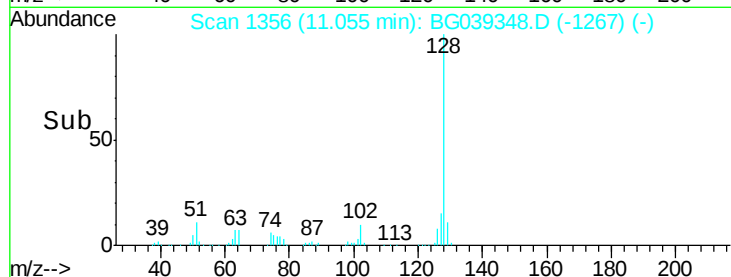
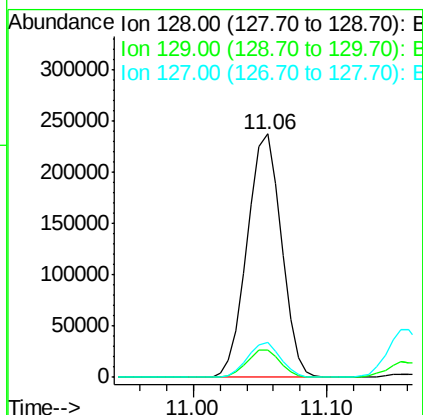
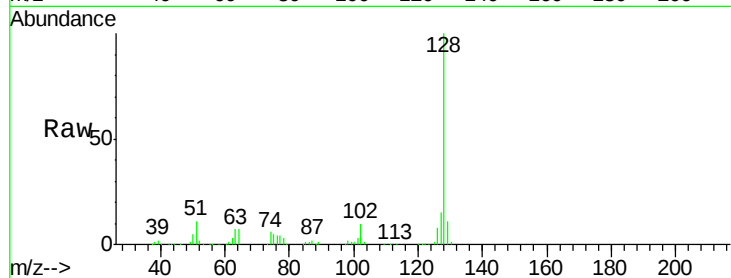




#31
Naphthalene
Concen: 42.395 ng
RT: 11.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG039348.D
Acq: 1 Feb 2019 18:33

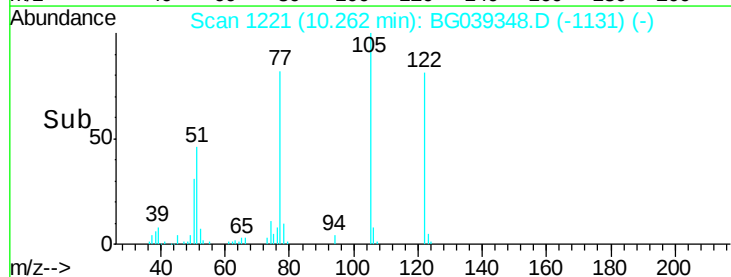
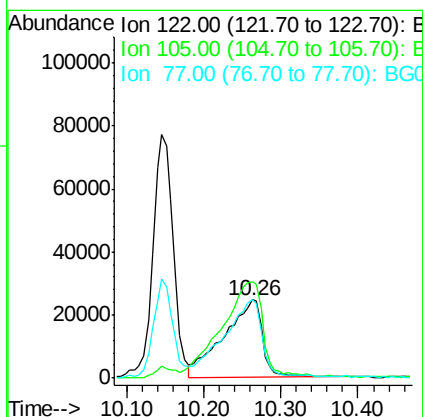
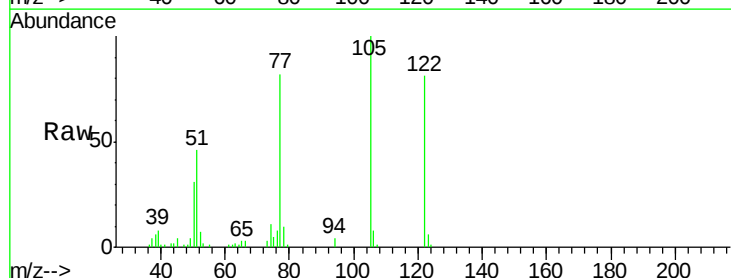
Instrument :
BNA_G
ClientSampleId :
PB116762BS

Tgt Ion:128 Resp: 419756
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 14.6 10.8 16.2



#32
Benzoic acid
Concen: 46.283 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG039348.D
Acq: 1 Feb 2019 18:33

Tgt Ion:122 Resp: 86050
Ion Ratio Lower Upper
122 100
105 123.3 101.8 141.8
77 101.0 76.3 116.3

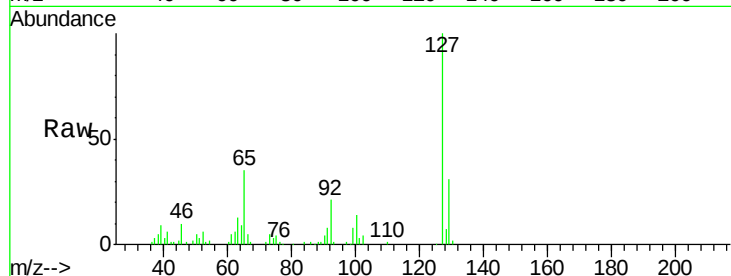




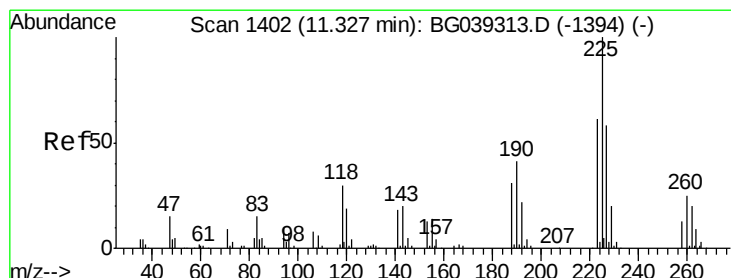
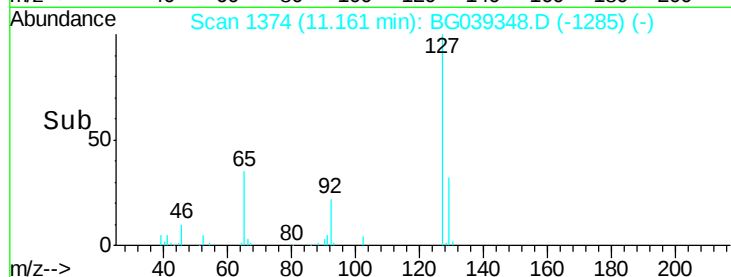
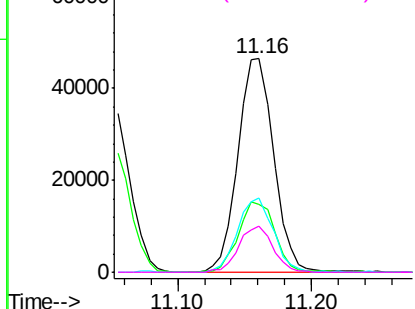
#33
4-Chloroaniline
Concen: 18.805 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG039348.D
Acq: 1 Feb 2019 18:33

Instrument :
BNA_G
ClientSampleId :
PB116762BS

Tgt Ion:	127	Resp:	86332
Ion	Ratio	Lower	Upper
127	100		
129	31.5	27.0	40.4
65	34.7	28.8	43.2
92	21.4	16.6	25.0

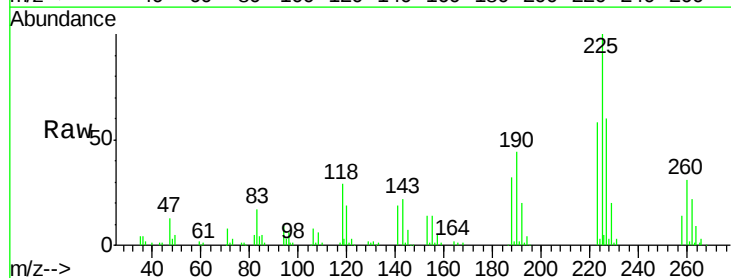


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

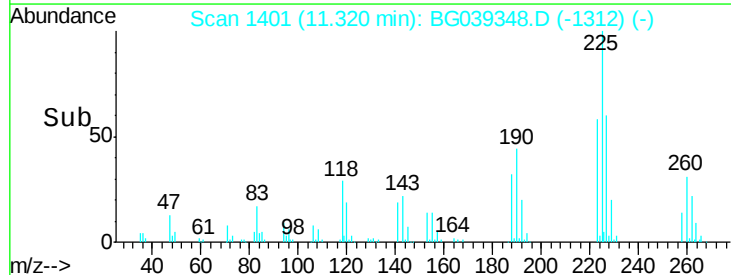
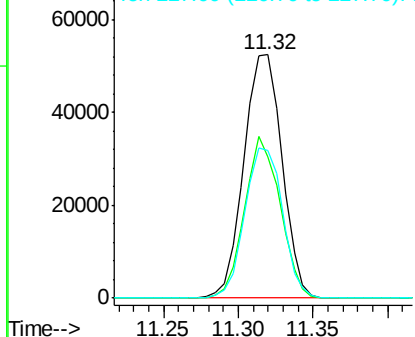


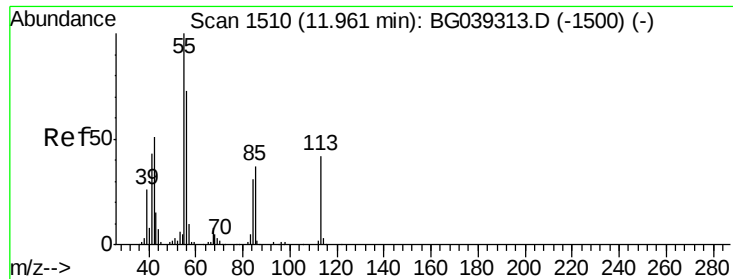
#34
Hexachlorobutadiene
Concen: 39.689 ng
RT: 11.32 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BG039348.D
Acq: 1 Feb 2019 18:33

Tgt Ion:	225	Resp:	92751
Ion	Ratio	Lower	Upper
225	100		
223	58.0	49.0	73.6
227	60.4	46.3	69.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 22.356 ng

RT: 11.94 min Scan# 1506

Delta R.T. -0.02 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

Instrument :

BNA_G

ClientSampleId :

PB116762BS

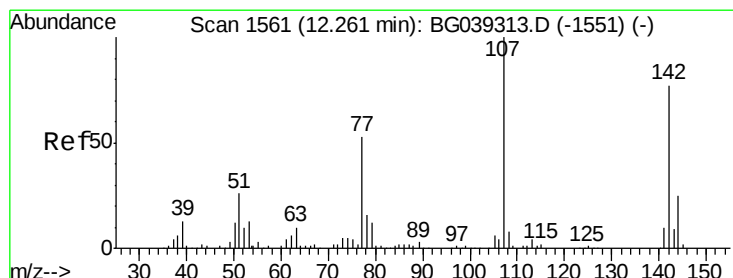
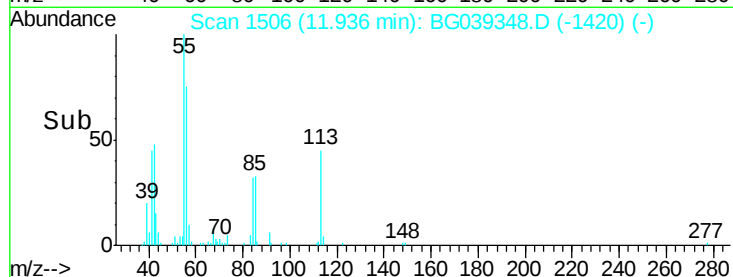
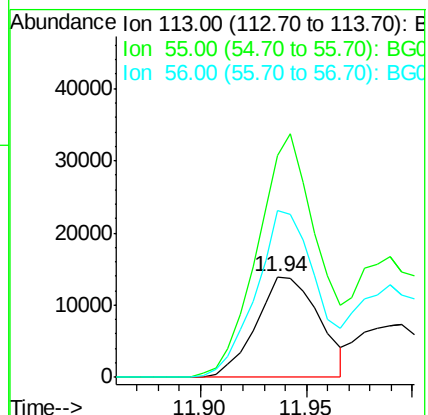
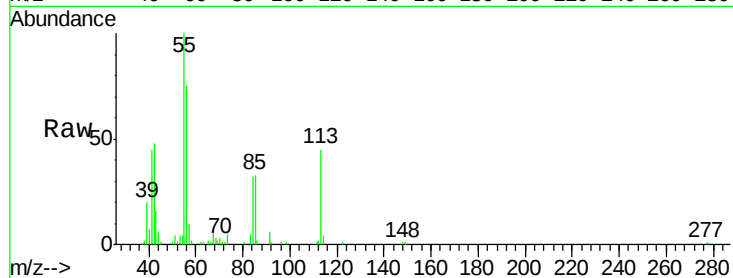
Tgt Ion:113 Resp: 28956

Ion Ratio Lower Upper

113 100

55 221.3 216.9 256.9

56 165.8 152.6 192.6



#36

4-Chloro-3-methylphenol

Concen: 43.081 ng

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

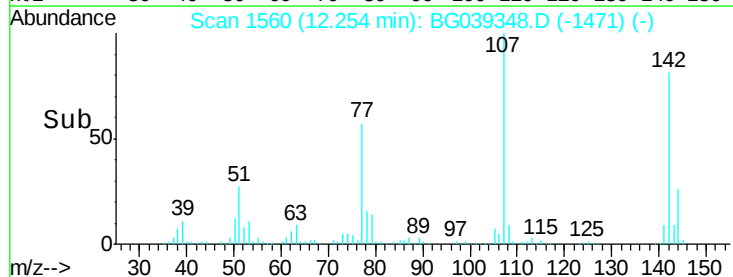
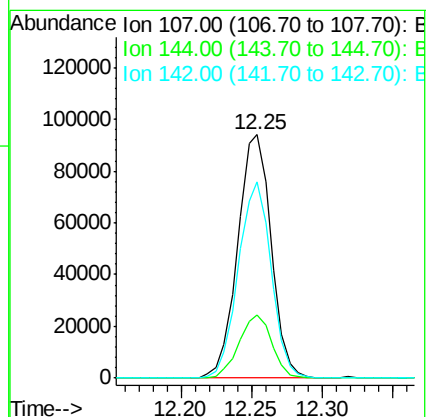
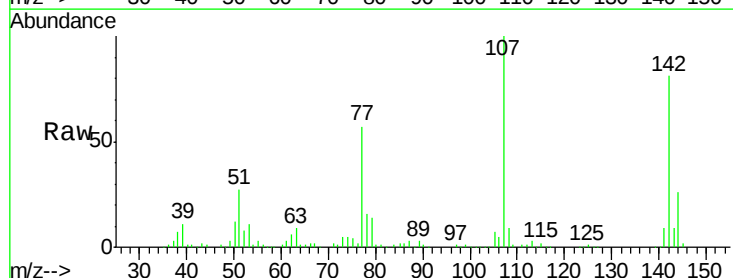
Tgt Ion:107 Resp: 155945

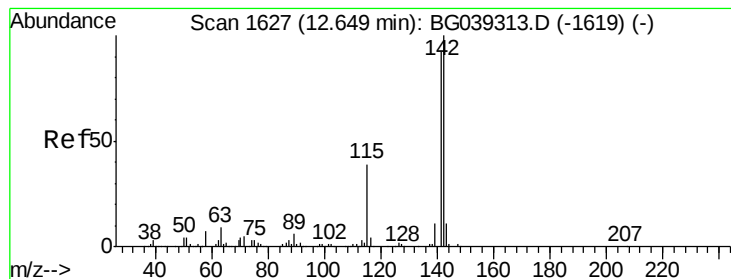
Ion Ratio Lower Upper

107 100

144 26.2 20.2 30.2

142 80.6 61.4 92.2





#37

2-Methylnaphthalene

Concen: 43.708 ng

RT: 12.65 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

Instrument :

BNA_G

ClientSampleId :

PB116762BS

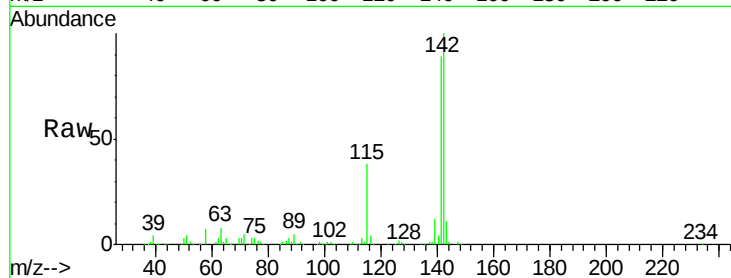
Tgt Ion:142 Resp: 320522

Ion Ratio Lower Upper

142 100

141 89.2 73.5 110.3

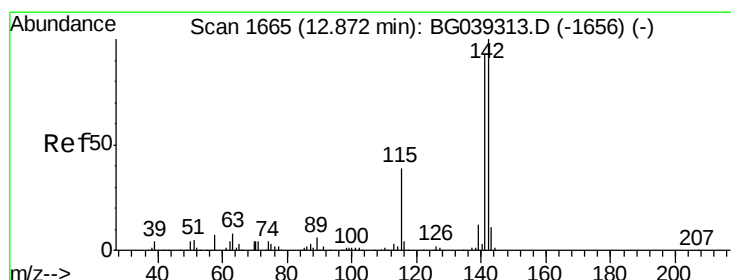
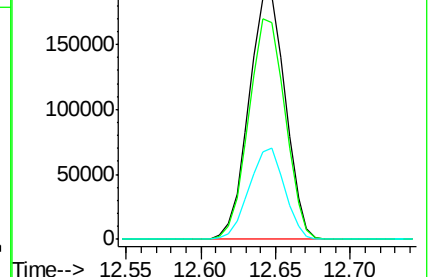
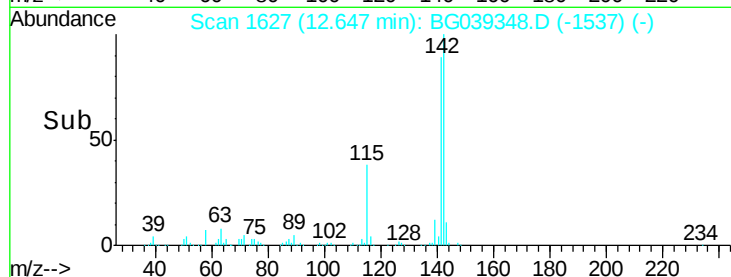
115 37.6 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.186 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

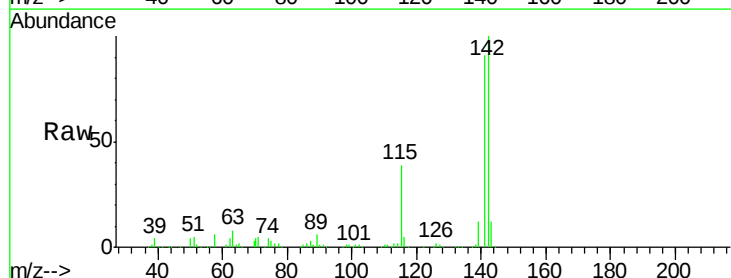
Tgt Ion:142 Resp: 305280

Ion Ratio Lower Upper

142 100

141 91.1 74.2 111.4

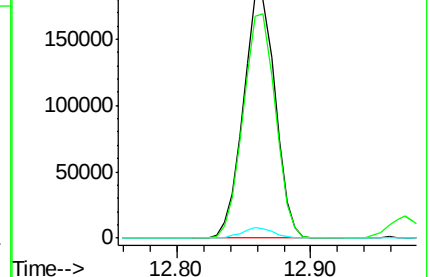
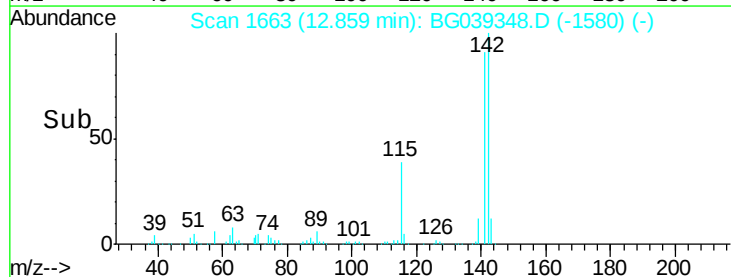
116 4.5 3.0 4.6

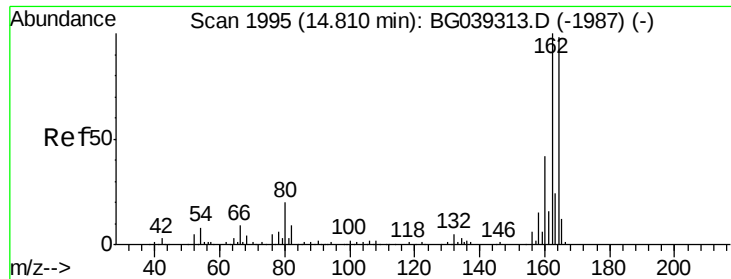


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

Instrument :

BNA_G

ClientSampleId :

PB116762BS

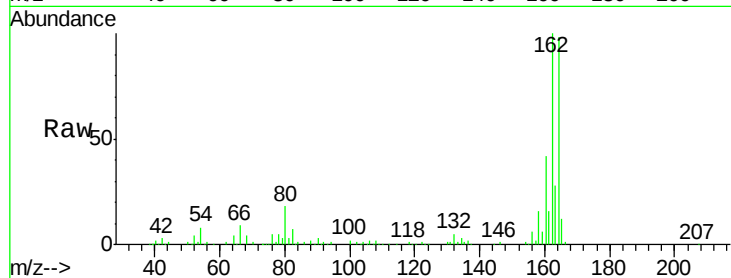
Tgt Ion:164 Resp: 133072

Ion Ratio Lower Upper

164 100

162 102.1 81.6 122.4

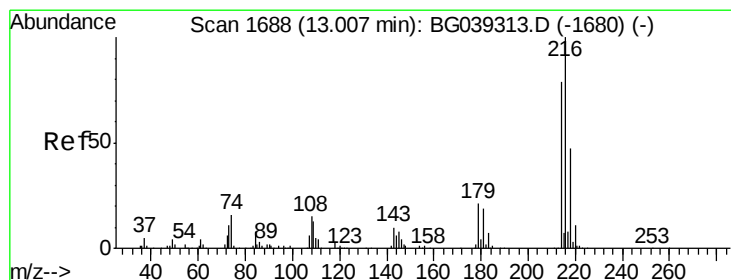
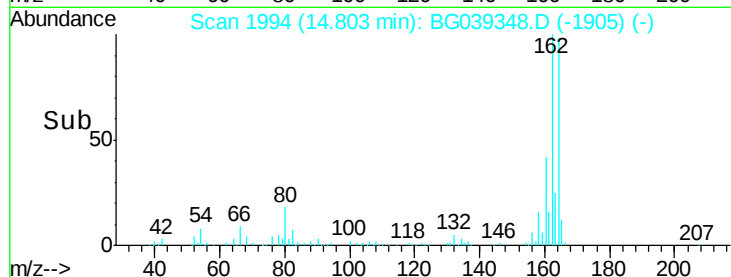
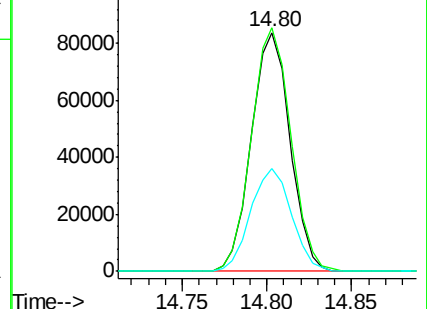
160 43.2 34.2 51.2



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: 39.851 ng

RT: 13.00 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

Tgt Ion:216 Resp: 168729

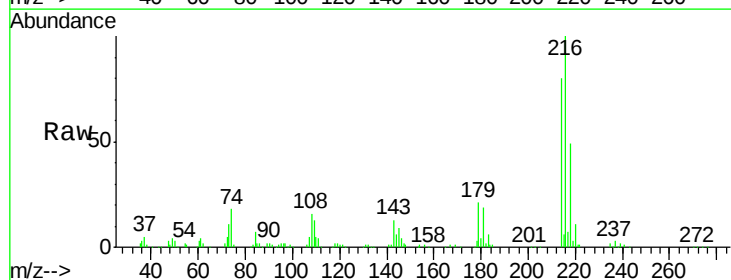
Ion Ratio Lower Upper

216 100

214 80.1 62.6 94.0

179 21.2 16.6 25.0

108 20.0 14.0 21.0

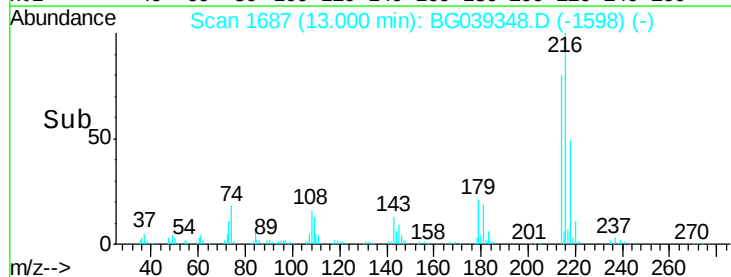
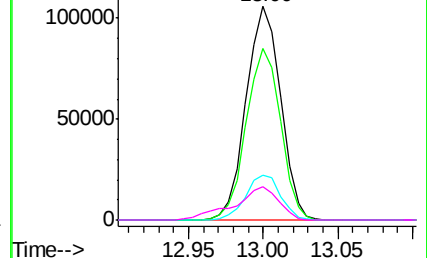


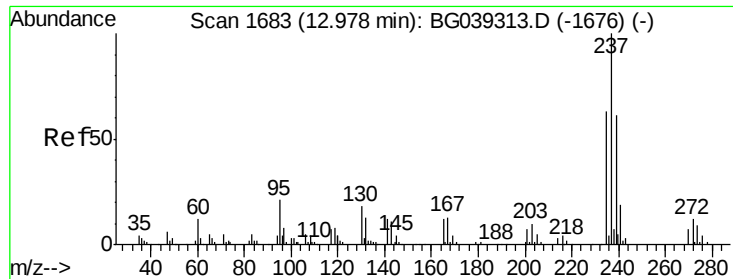
Abundance Ion 216.00 (215.70 to 216.70): E

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: 99.700 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

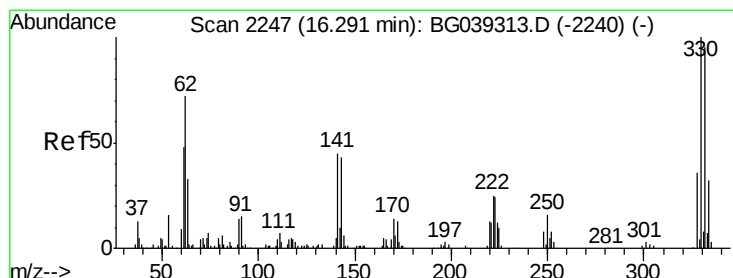
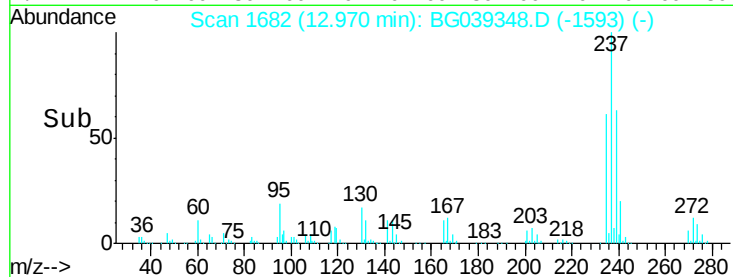
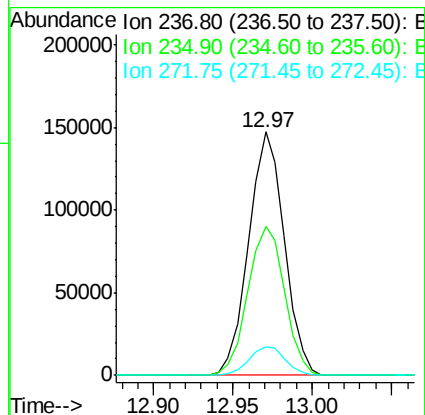
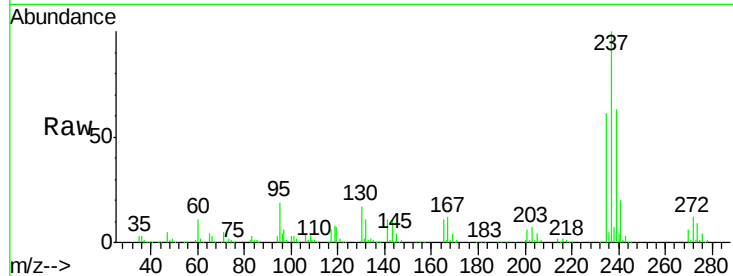
Instrument :

BNA_G

ClientSampleId :

PB116762BS

Tgt Ion:	237	Resp:	230023
Ion	Ratio	Lower	Upper
237	100		
235	61.3	43.3	83.3
272	11.7	0.0	32.3



#42

2,4,6-Tribromophenol

Concen: 140.154 ng

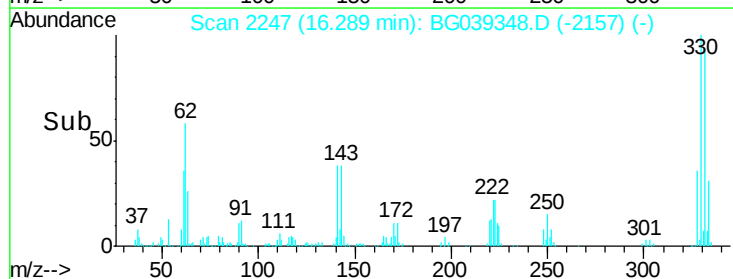
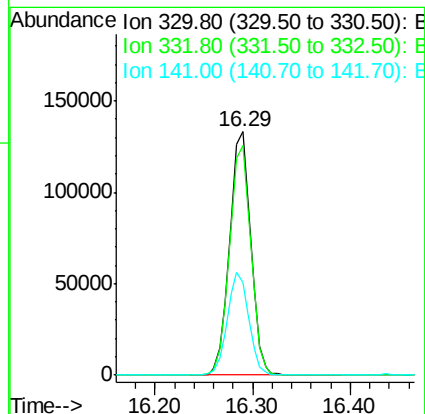
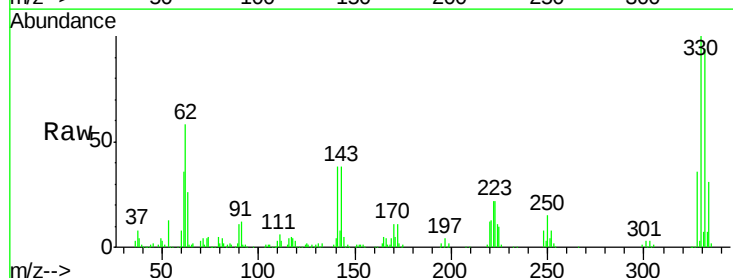
RT: 16.29 min Scan# 2247

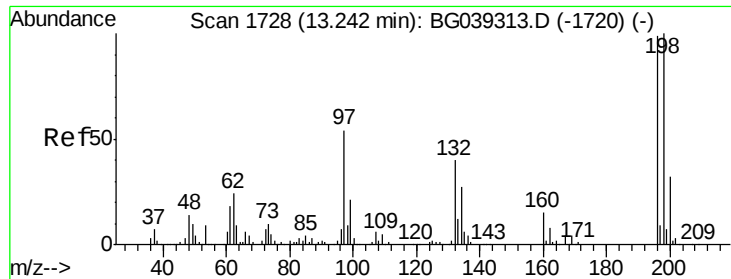
Delta R.T. -0.00 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

Tgt Ion:	330	Resp:	200835
Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.7	113.5
141	42.2	35.6	53.4

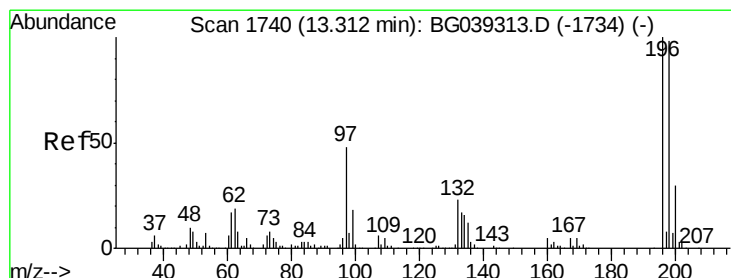
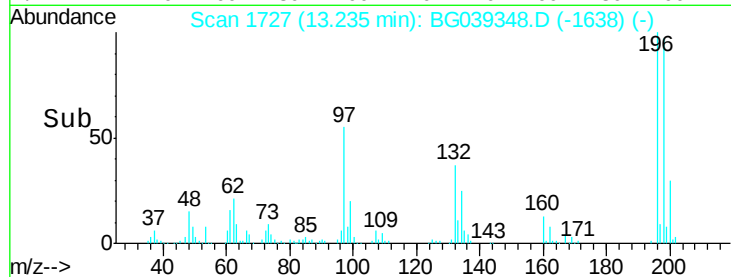
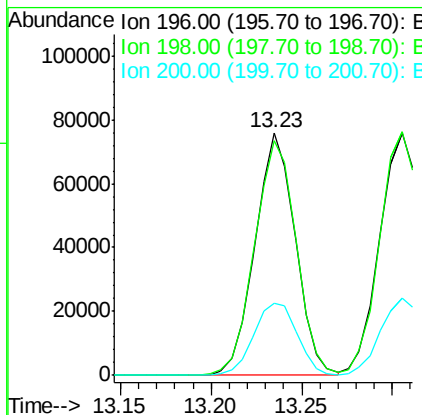
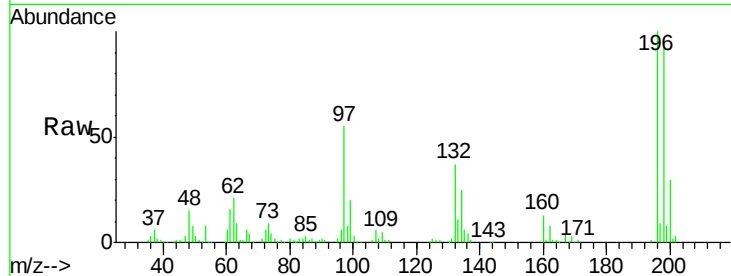




#43
 2,4,6-Trichlorophenol
 Concen: 45.051 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG039348.D
 Acq: 1 Feb 2019 18:33

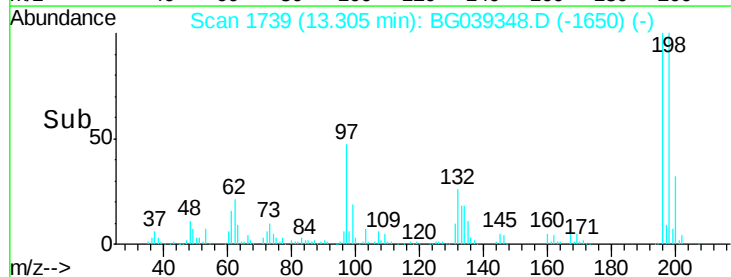
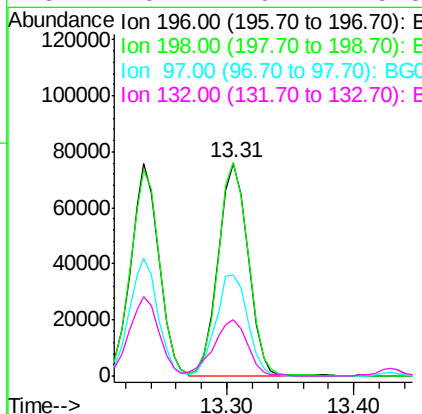
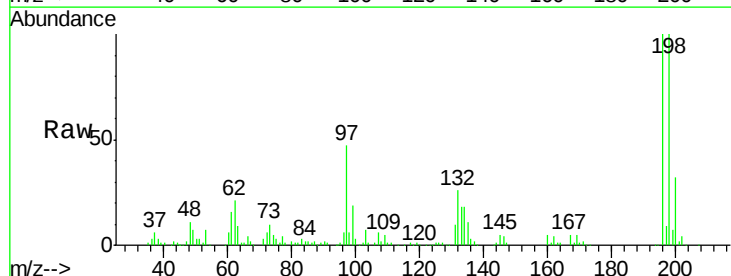
Instrument :
 BNA_G
 ClientSampleId :
 PB116762BS

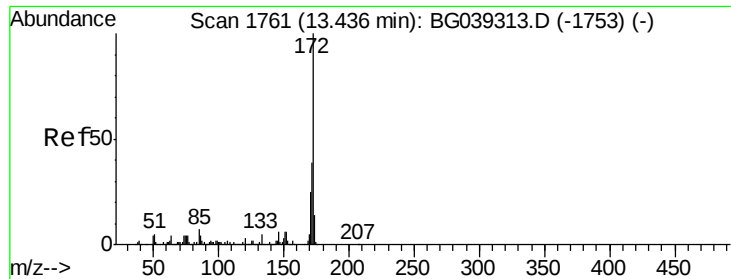
Tgt Ion:196 Resp: 117280
 Ion Ratio Lower Upper
 196 100
 198 96.9 80.6 121.0
 200 29.5 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 45.876 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039348.D
 Acq: 1 Feb 2019 18:33

Tgt Ion:196 Resp: 125170
 Ion Ratio Lower Upper
 196 100
 198 100.2 78.5 117.7
 97 47.3 38.4 57.6
 132 26.2 19.2 28.8

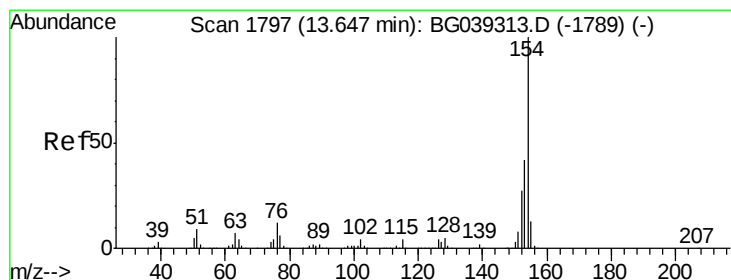
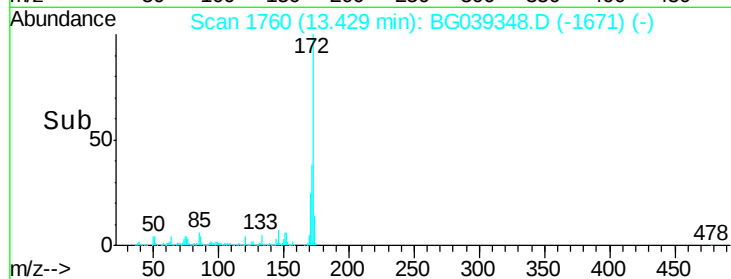
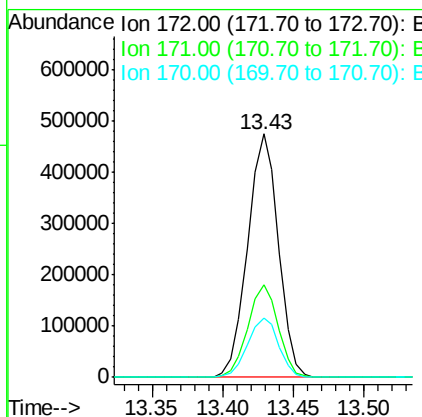
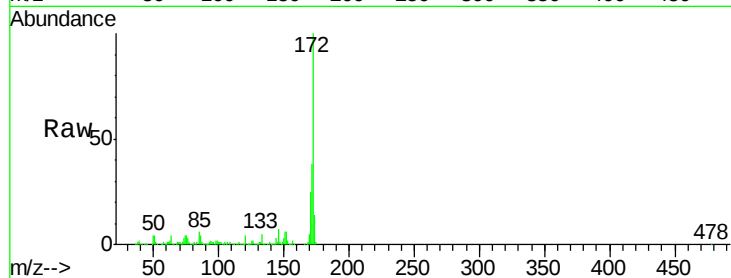




#45
 2-Fluorobiphenyl
 Concen: 78.199 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BG039348.D
 Acq: 1 Feb 2019 18:33

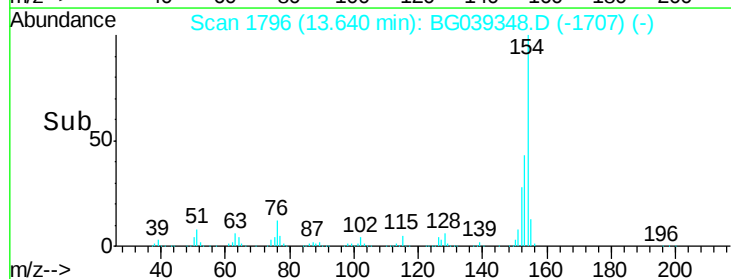
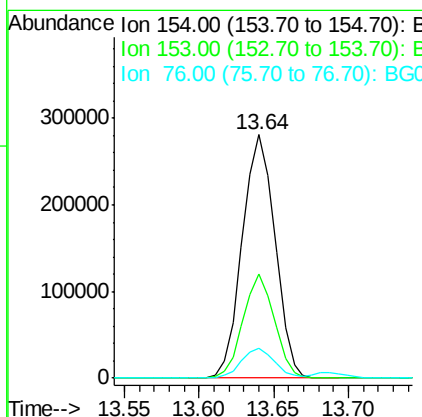
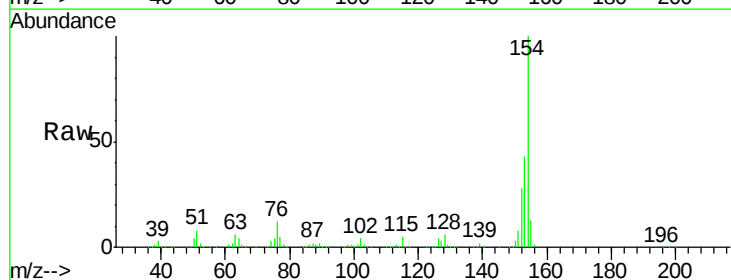
Instrument :
 BNA_G
 ClientSampleId :
 PB116762BS

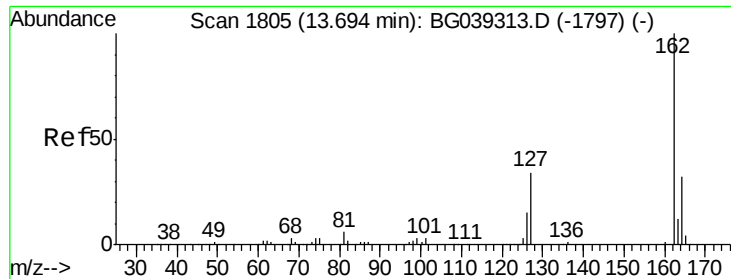
Tgt Ion:172 Resp: 725391
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.8 46.2
 170 24.6 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 38.611 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.01 min
 Lab File: BG039348.D
 Acq: 1 Feb 2019 18:33

Tgt Ion:154 Resp: 427495
 Ion Ratio Lower Upper
 154 100
 153 42.9 22.1 62.1
 76 12.0 0.0 32.4

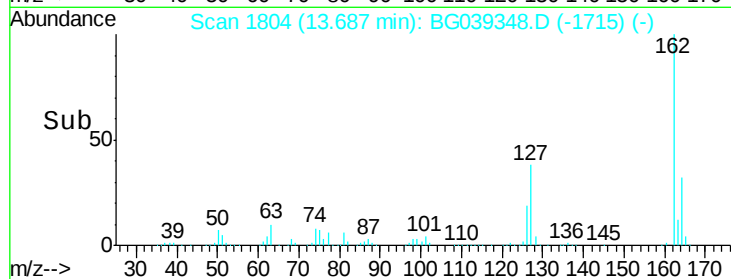
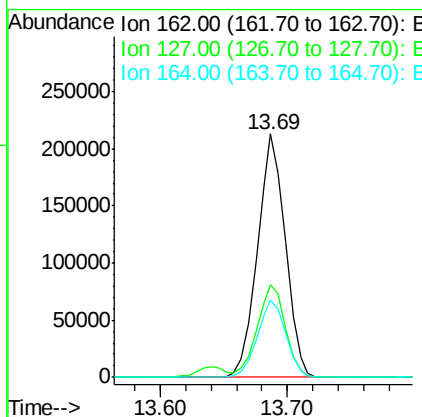
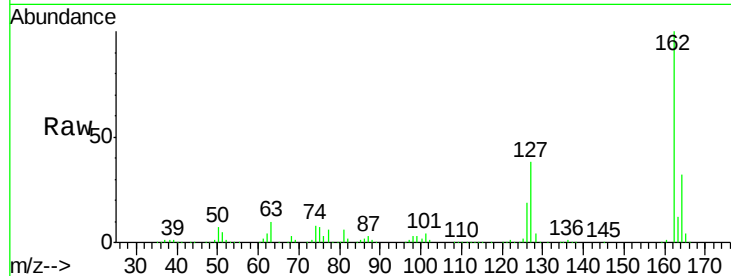




#47
 2-Chloronaphthalene
 Concen: 39.006 ng
 RT: 13.69 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BG039348.D
 Acq: 1 Feb 2019 18:33

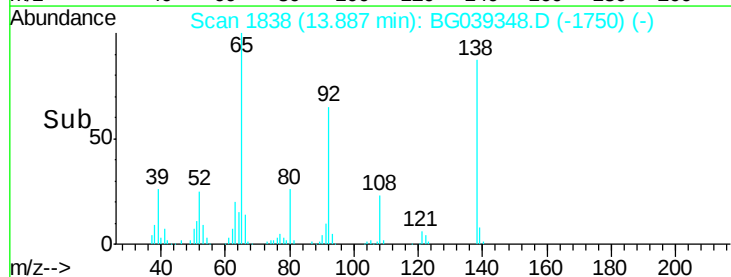
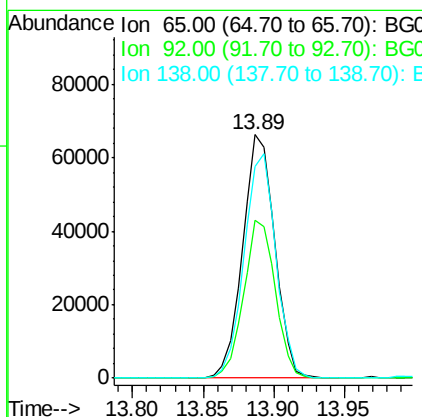
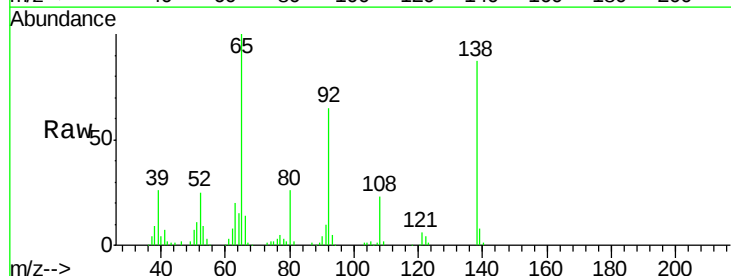
Instrument :
 BNA_G
 ClientSampleId :
 PB116762BS

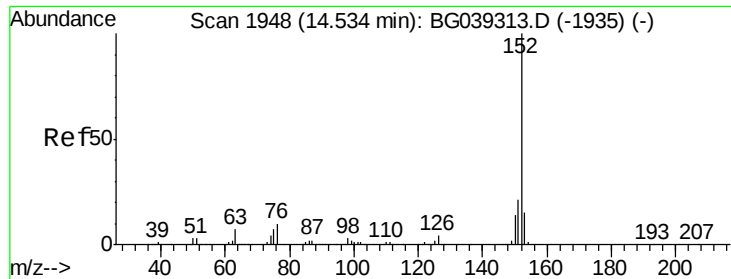
Tgt Ion: 162 Resp: 324888
 Ion Ratio Lower Upper
 162 100
 127 38.0 31.0 46.6
 164 32.0 25.7 38.5



#48
 2-Nitroaniline
 Concen: 44.732 ng
 RT: 13.89 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG039348.D
 Acq: 1 Feb 2019 18:33

Tgt Ion: 65 Resp: 105395
 Ion Ratio Lower Upper
 65 100
 92 64.8 51.4 77.2
 138 86.9 71.4 107.2





#49

Acenaphthylene

Concen: 42.013 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

Instrument :

BNA_G

ClientSampleId :

PB116762BS

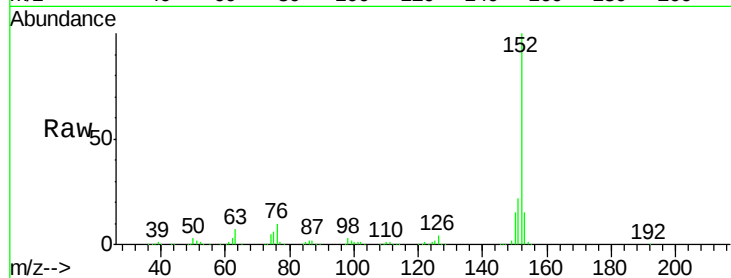
Tgt Ion:152 Resp: 528021

Ion Ratio Lower Upper

152 100

151 22.2 16.8 25.2

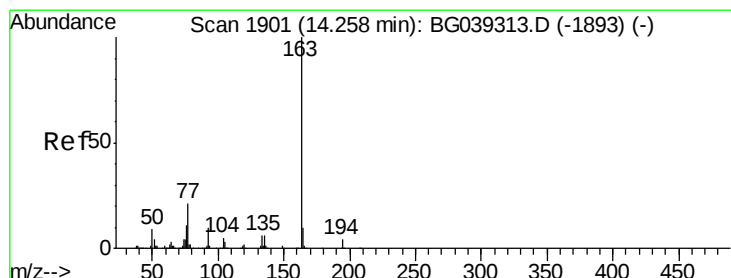
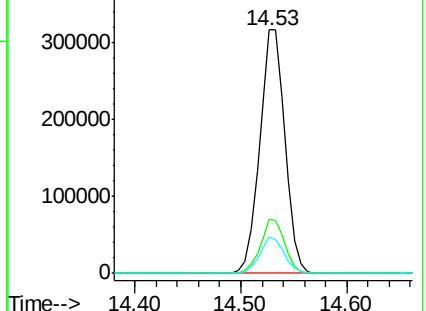
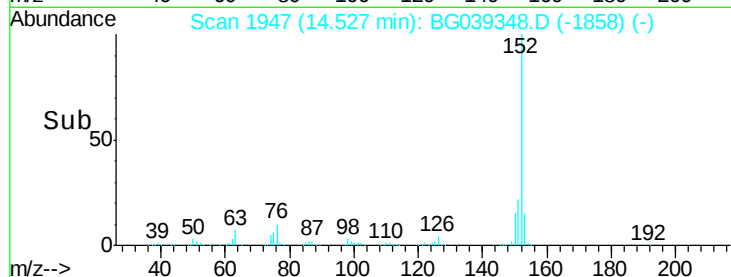
153 14.6 11.7 17.5



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: 40.107 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

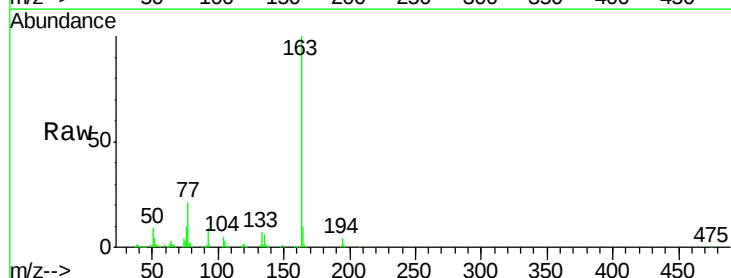
Tgt Ion:163 Resp: 431050

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

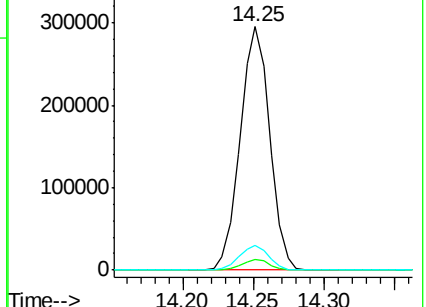
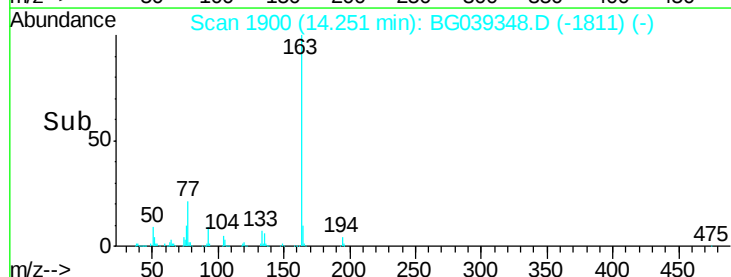
164 10.1 8.4 12.6

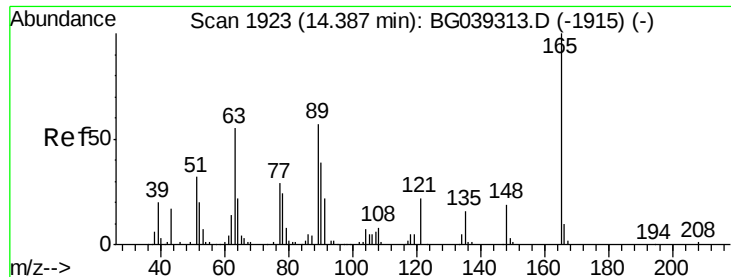


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.549 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

Instrument :

BNA_G

ClientSampleId :

PB116762BS

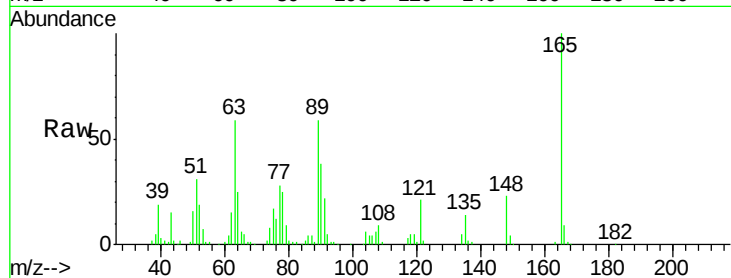
Tgt Ion:165 Resp: 90712

Ion Ratio Lower Upper

165 100

63 59.1 47.0 70.6

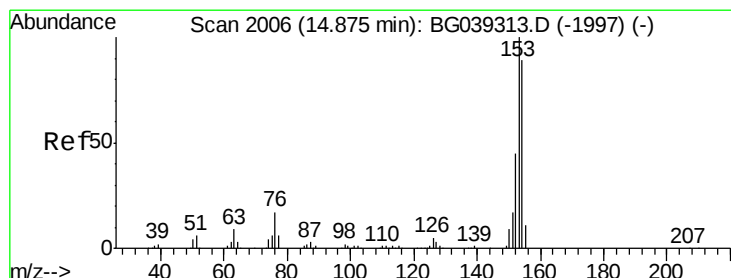
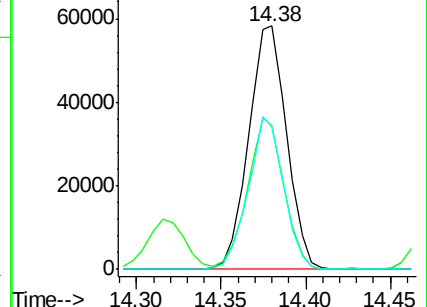
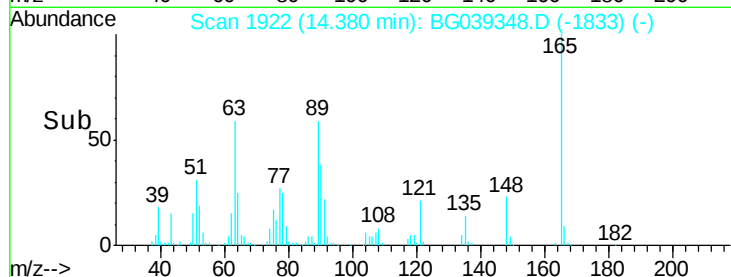
89 58.5 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 39.735 ng

RT: 14.87 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

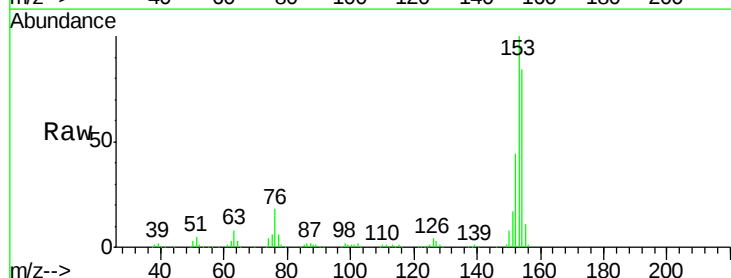
Tgt Ion:154 Resp: 324168

Ion Ratio Lower Upper

154 100

153 118.4 90.1 135.1

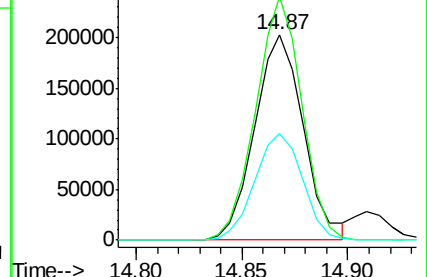
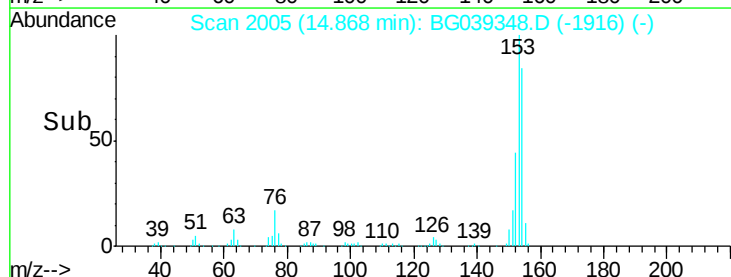
152 52.1 40.9 61.3

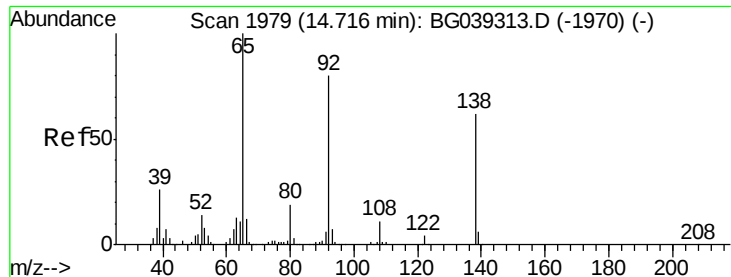


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

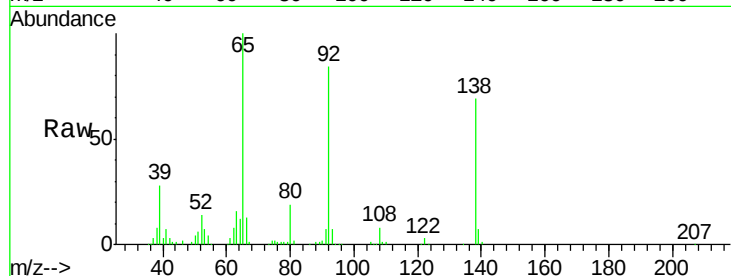




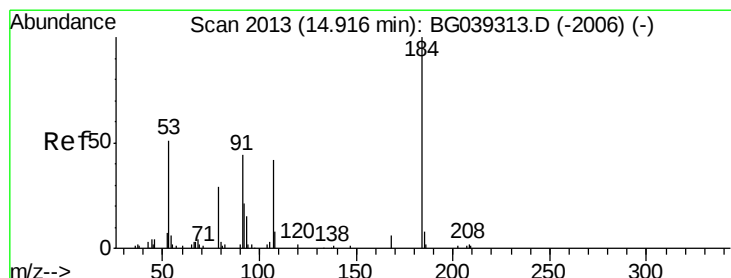
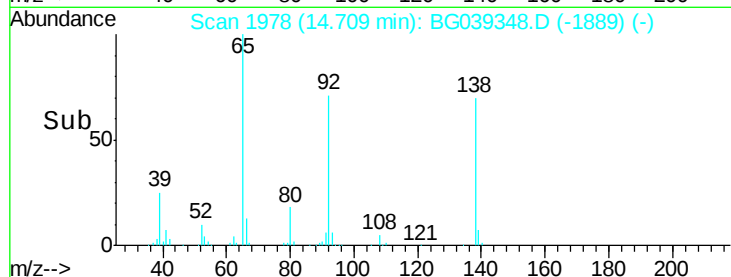
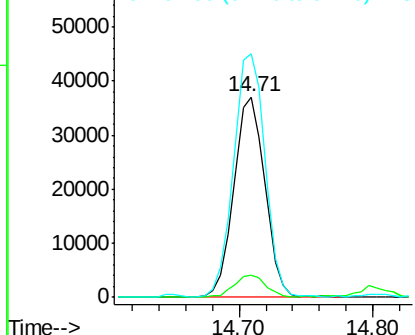
#53
3-Nitroaniline
Concen: 30.035 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039348.D
Acq: 1 Feb 2019 18:33

Instrument :
BNA_G
ClientSampleId :
PB116762BS

Tgt Ion:138 Resp: 59752
Ion Ratio Lower Upper
138 100
108 10.9 13.8 20.8#
92 121.3 103.7 155.5

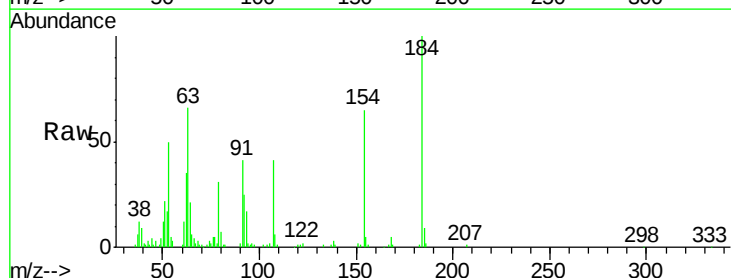


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

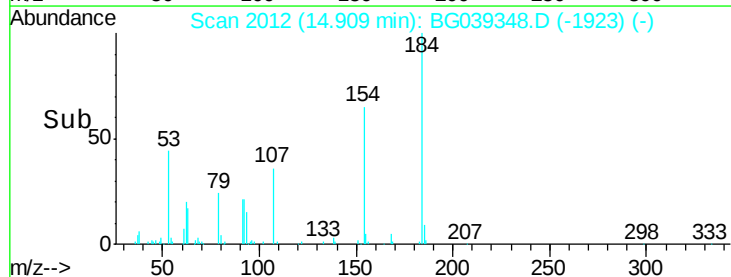
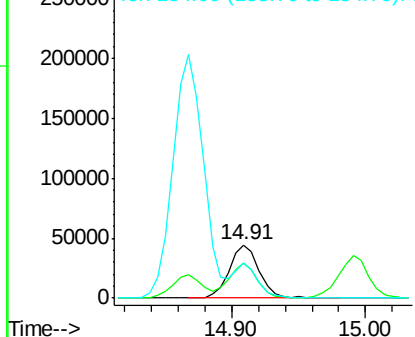


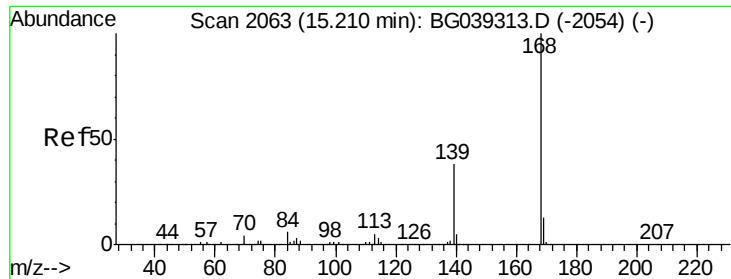
#54
2,4-Dinitrophenol
Concen: 79.019 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039348.D
Acq: 1 Feb 2019 18:33

Tgt Ion:184 Resp: 69782
Ion Ratio Lower Upper
184 100
63 65.8 50.9 76.3
154 64.6 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

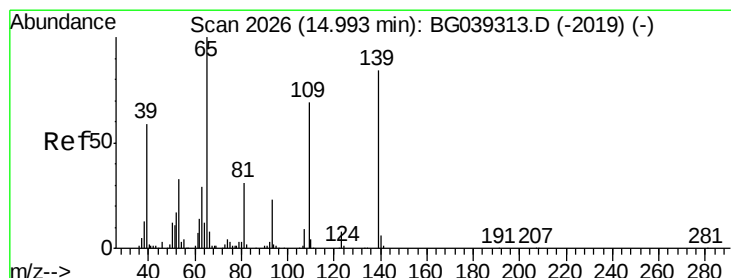
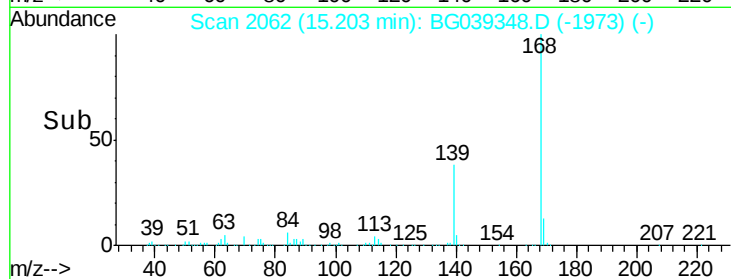
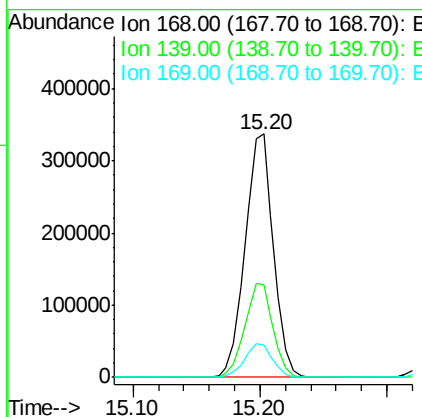
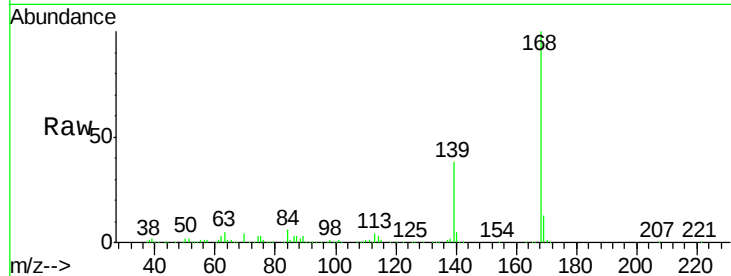




#55
Dibenzenofuran
Concen: 39.781 ng
RT: 15.20 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BG039348.D
Acq: 1 Feb 2019 18:33

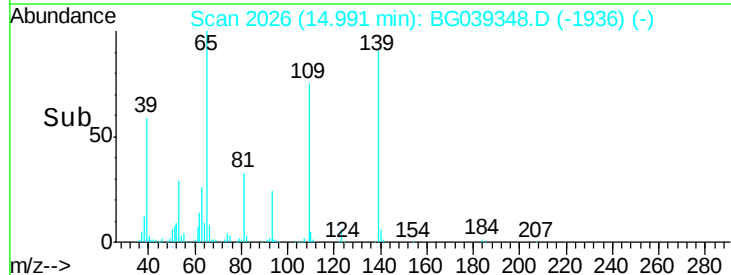
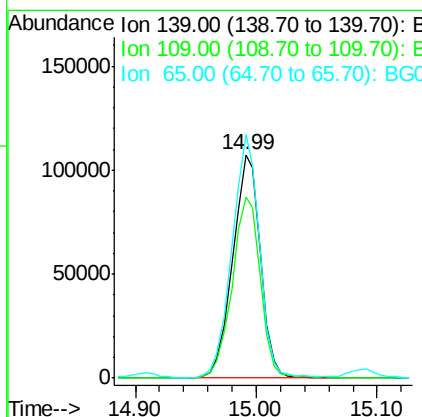
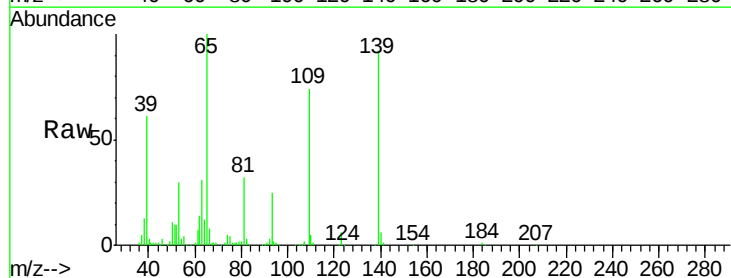
Instrument :
BNA_G
ClientSampleId :
PB116762BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.1	45.1
169	13.4	10.6	16.0



#56
4-Nitrophenol
Concen: 87.366 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039348.D
Acq: 1 Feb 2019 18:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	81.1	61.9	101.9
65	109.1	99.1	139.1

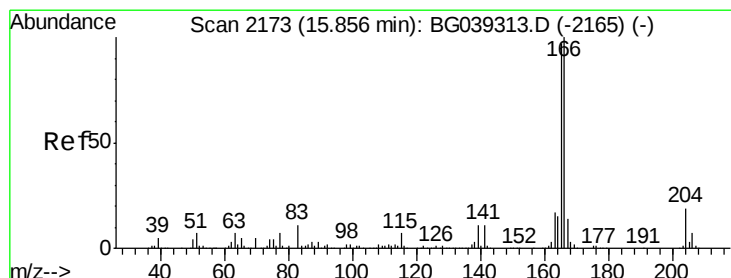
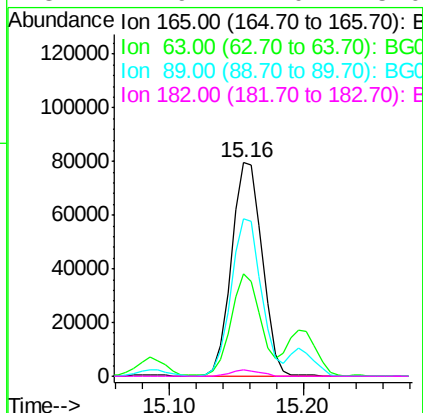
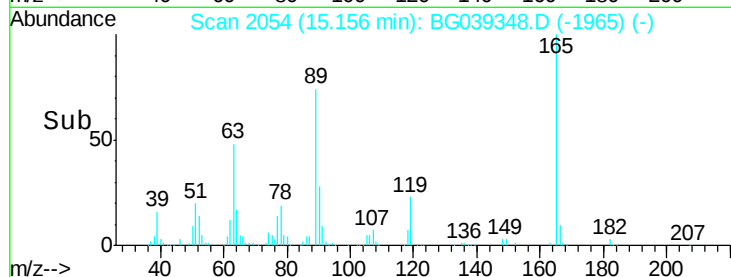
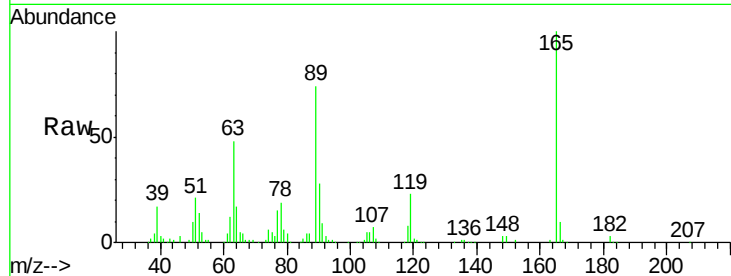




#57
 2,4-Dinitrotoluene
 Concen: 49.258 ng
 RT: 15.16 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG039348.D
 Acq: 1 Feb 2019 18:33

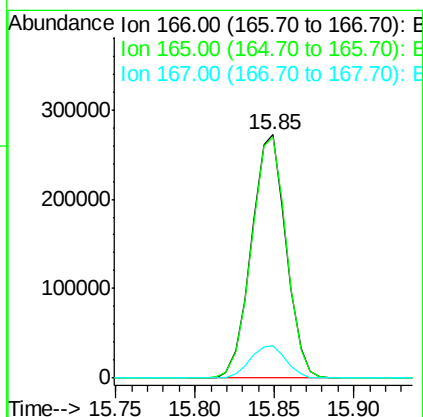
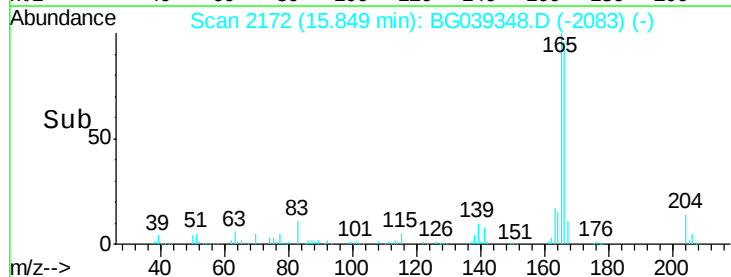
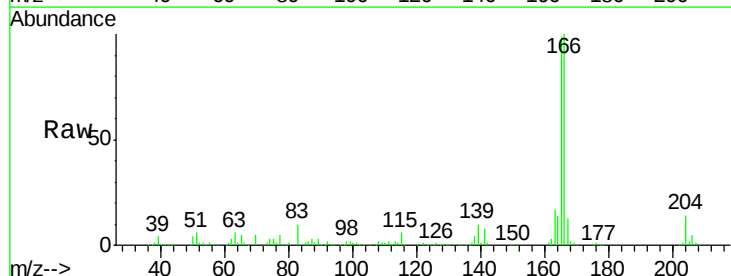
Instrument :
 BNA_G
 ClientSampleId :
 PB116762BS

Tgt Ion:165 Resp: 127370
 Ion Ratio Lower Upper
 165 100
 63 48.0 41.0 61.6
 89 73.9 64.6 96.8
 182 2.9 2.0 3.0



#58
 Fluorene
 Concen: 42.323 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BG039348.D
 Acq: 1 Feb 2019 18:33

Tgt Ion:166 Resp: 412684
 Ion Ratio Lower Upper
 166 100
 165 98.8 77.9 116.9
 167 13.2 10.8 16.2

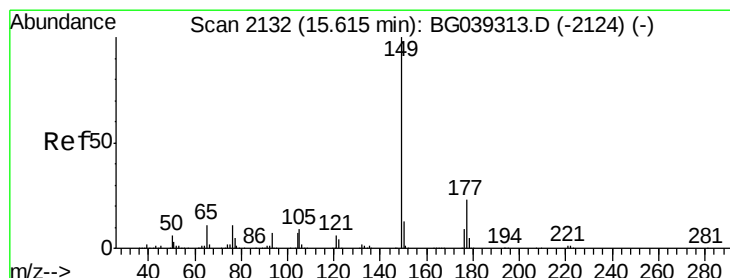
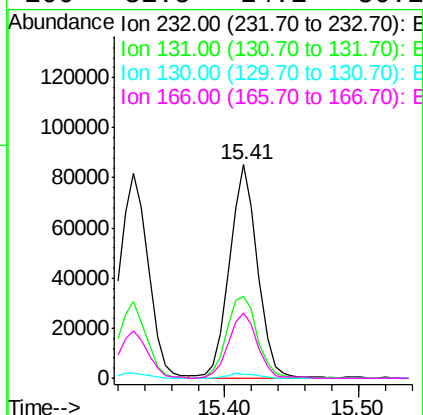
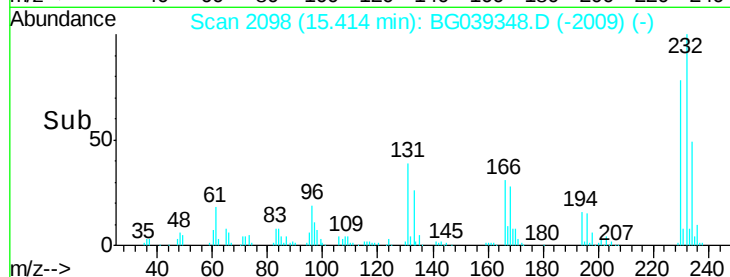
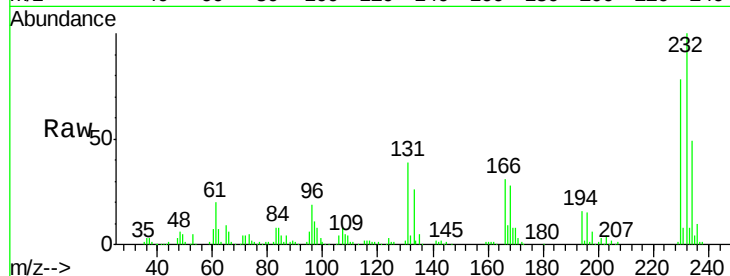




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.461 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG039348.D
 Acq: 1 Feb 2019 18:33

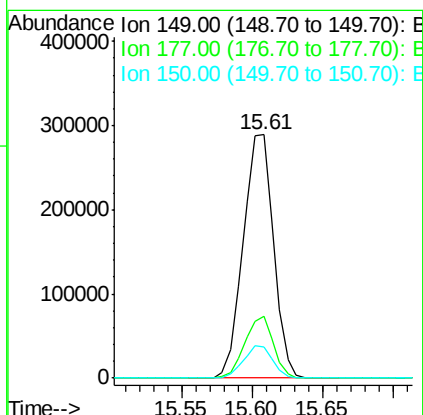
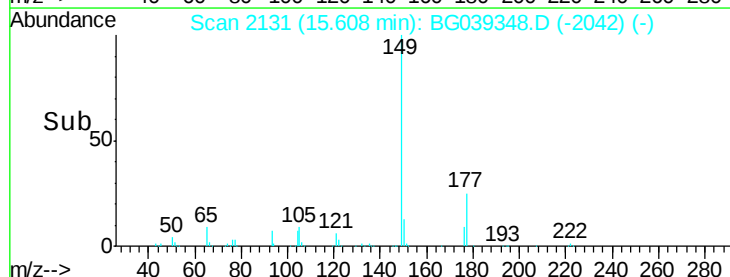
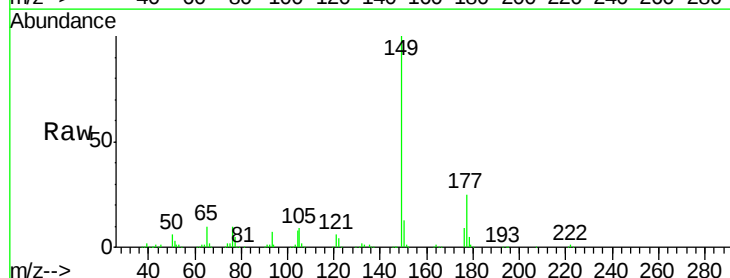
Instrument :
 BNA_G
 ClientSampleId :
 PB116762BS

Tgt Ion:	232	Resp:	123801
Ion	Ratio	Lower	Upper
232	100		
131	42.5	34.9	52.3
130	2.5	2.0	3.0
166	31.5	24.1	36.1



#60
 Diethylphthalate
 Concen: 39.092 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BG039348.D
 Acq: 1 Feb 2019 18:33

Tgt Ion:	149	Resp:	434388
Ion	Ratio	Lower	Upper
149	100		
177	25.3	18.3	27.5
150	12.6	10.2	15.2

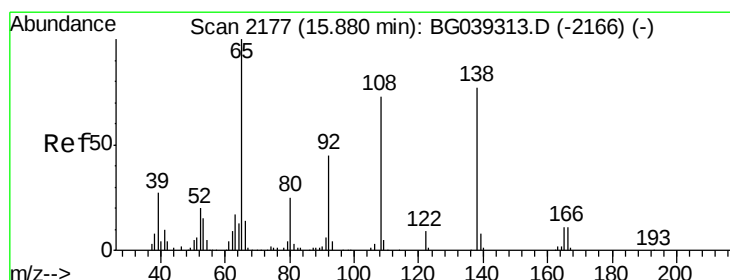
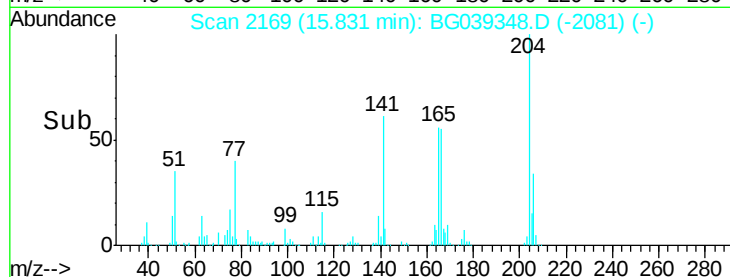
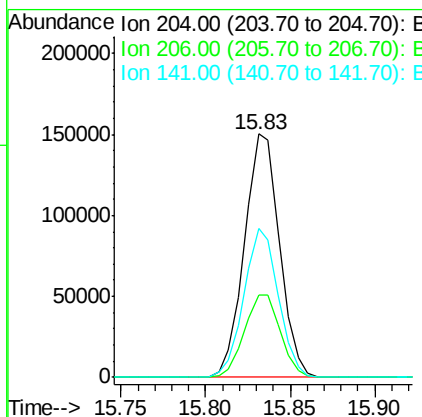
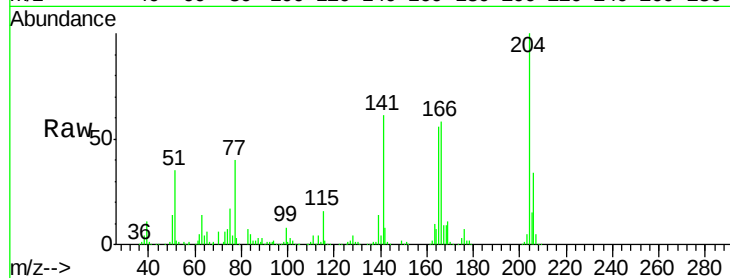




#61
4-Chlorophenyl-phenylether
Concen: 39.393 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG039348.D
Acq: 1 Feb 2019 18:33

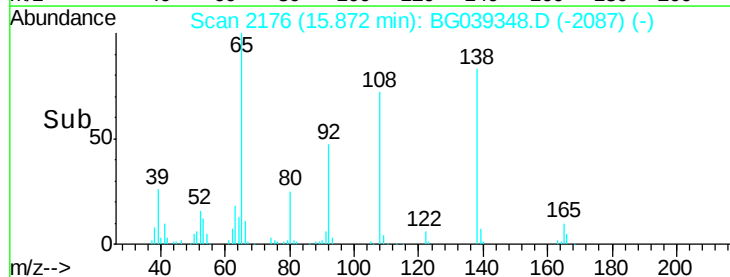
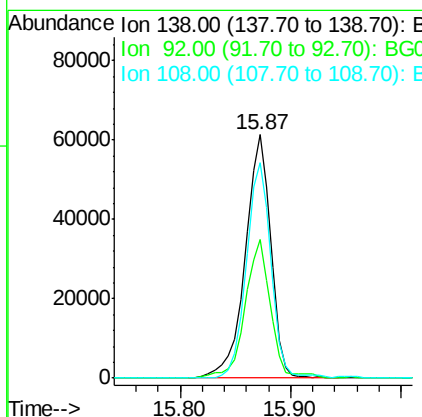
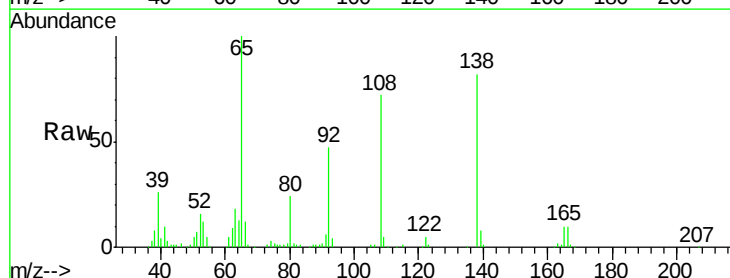
Instrument :
BNA_G
ClientSampleId :
PB116762BS

Tgt Ion: 204 Resp: 217495
Ion Ratio Lower Upper
204 100
206 33.9 29.2 43.8
141 61.3 49.0 73.4



#62
4-Nitroaniline
Concen: 44.586 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG039348.D
Acq: 1 Feb 2019 18:33

Tgt Ion: 138 Resp: 99745
Ion Ratio Lower Upper
138 100
92 57.2 38.7 78.7
108 88.6 74.6 114.6





#63

Azobenzene

Concen: 37.718 ng

RT: 16.12 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

Instrument :

BNA_G

ClientSampleId :

PB116762BS

Tgt Ion: 77 Resp: 409657

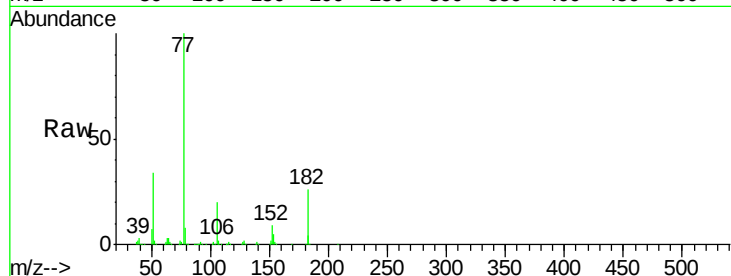
Ion Ratio Lower Upper

77 100

182 26.0 6.4 46.4

105 20.0 0.0 39.8

51 34.4 14.1 54.1

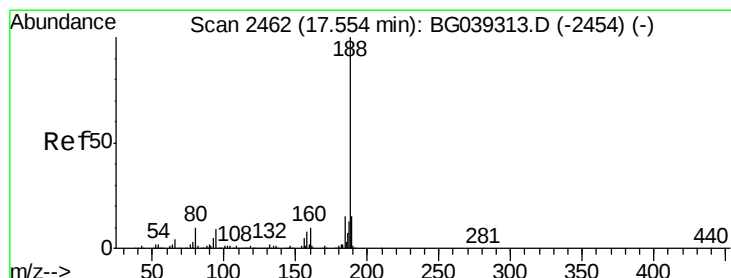
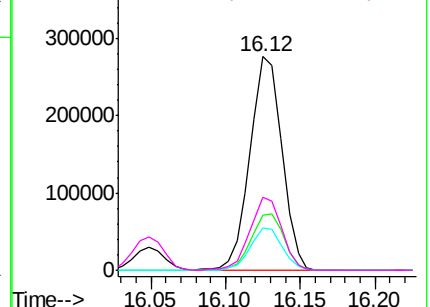
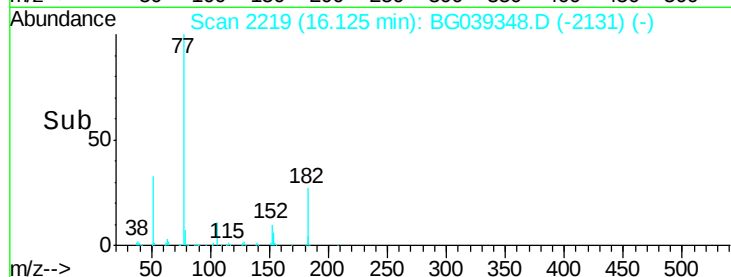


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

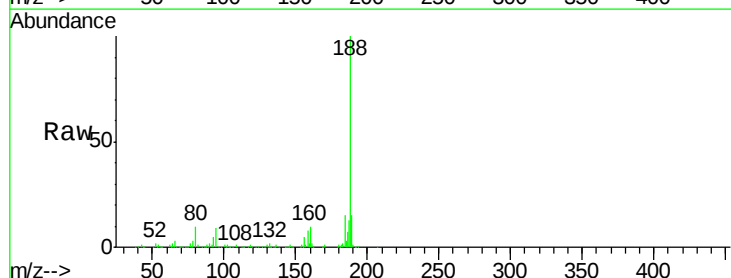
Tgt Ion: 188 Resp: 329821

Ion Ratio Lower Upper

188 100

94 8.9 6.9 10.3

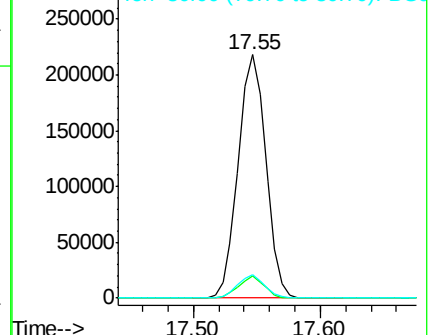
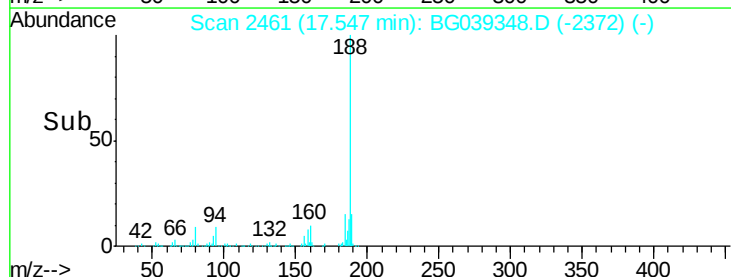
80 9.5 8.1 12.1

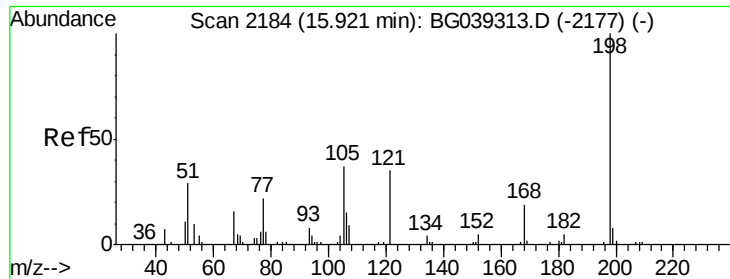


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 47.715 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

Instrument :

BNA_G

ClientSampleId :

PB116762BS

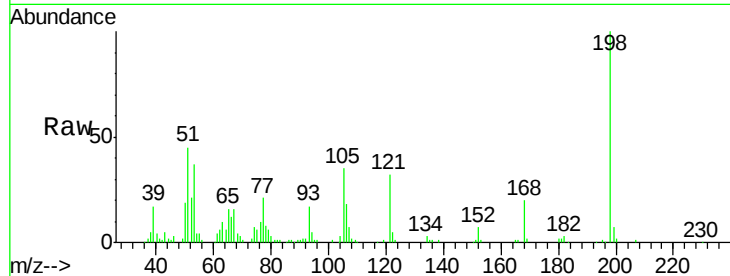
Tgt Ion:198 Resp: 61848

Ion Ratio Lower Upper

198 100

51 45.1 27.4 67.4

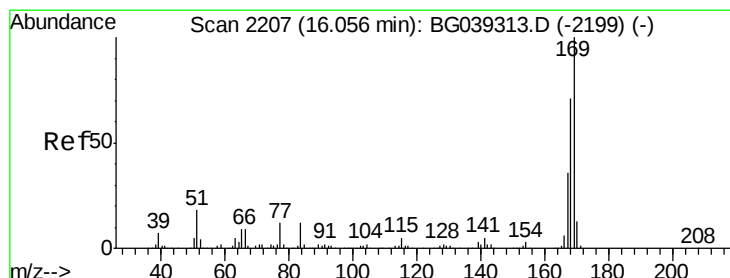
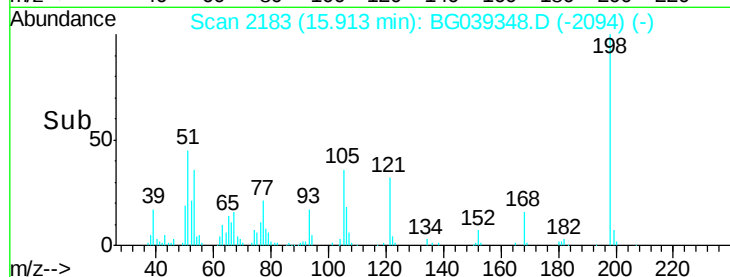
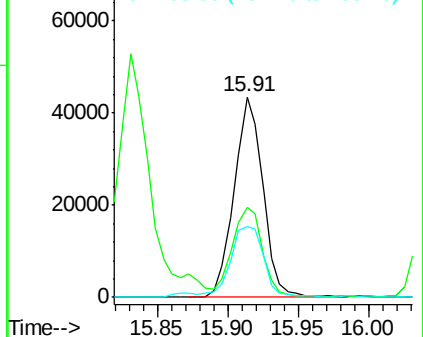
105 35.5 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039313.D (-2177) (-)

Ion 105.00 (104.70 to 105.70): BG039313.D (-2177) (-)



#66

n-Nitrosodiphenylamine

Concen: 37.519 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

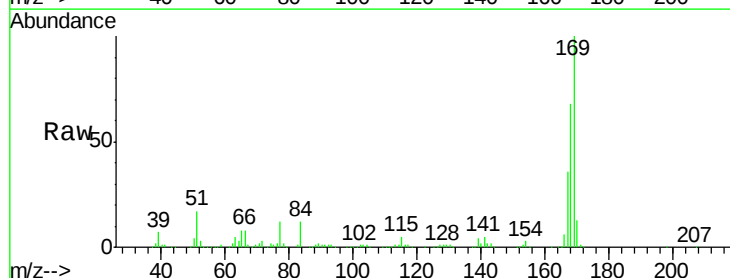
Tgt Ion:169 Resp: 376263

Ion Ratio Lower Upper

169 100

168 68.0 56.6 85.0

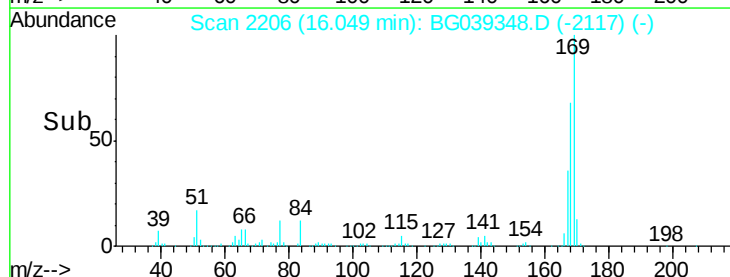
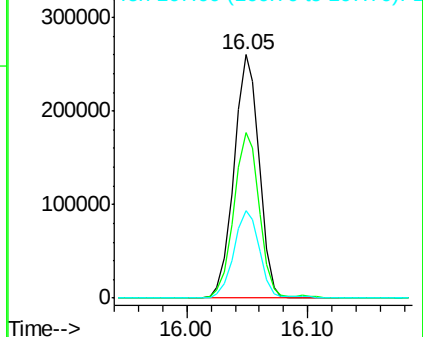
167 35.9 28.8 43.2

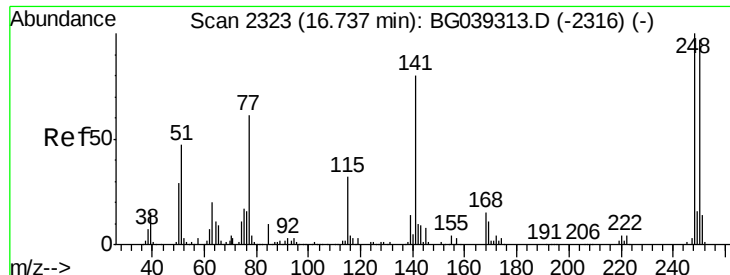


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): BG039313.D (-2199) (-)

Ion 167.00 (166.70 to 167.70): BG039313.D (-2199) (-)

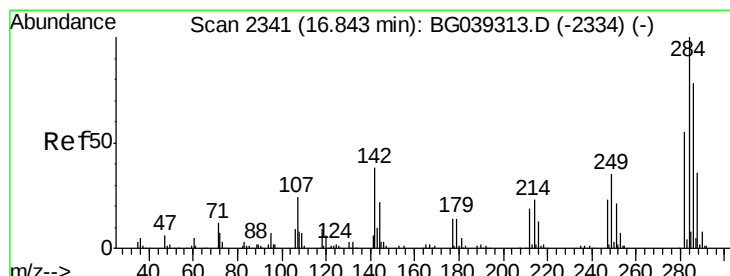
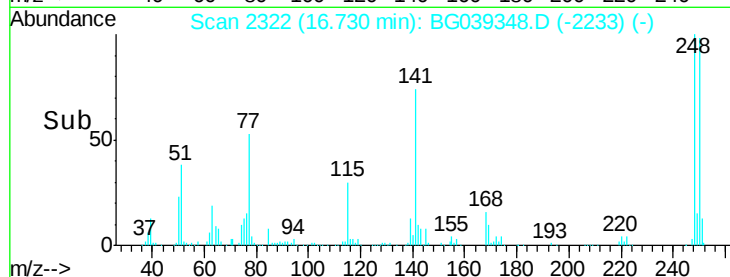
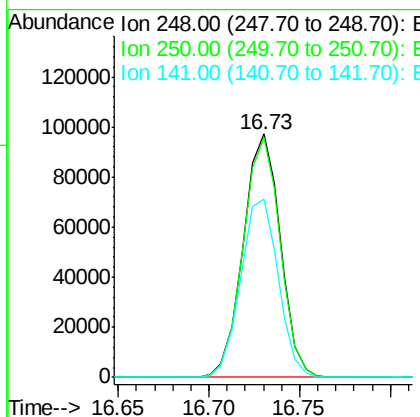
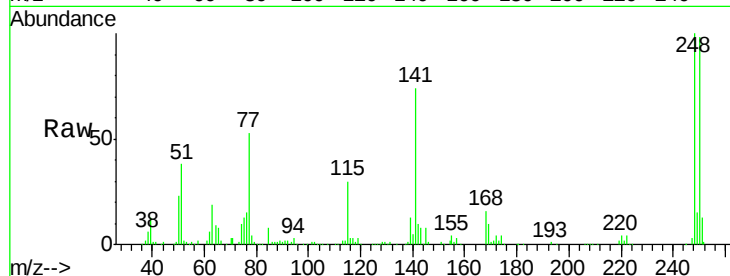




#67
 4-Bromophenyl-phenylether
 Concen: 37.824 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG039348.D
 Acq: 1 Feb 2019 18:33

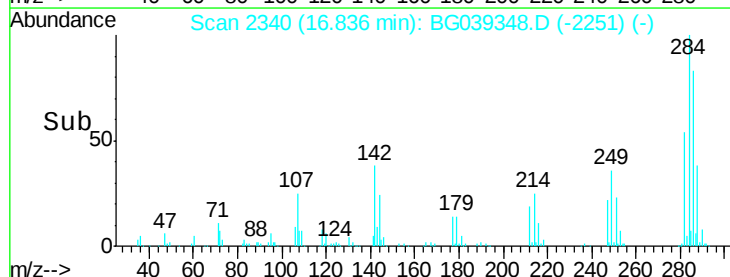
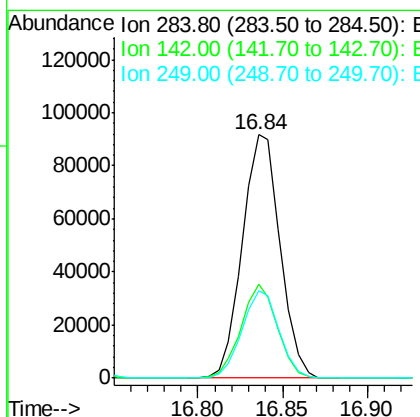
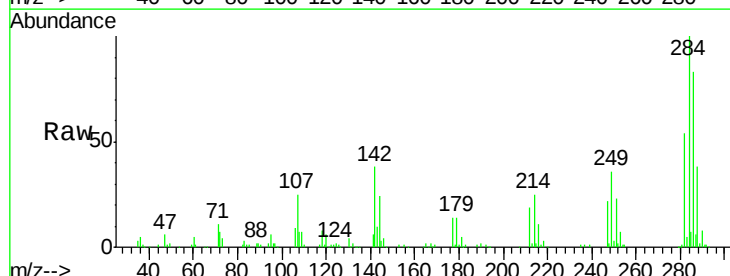
Instrument :
 BNA_G
 ClientSampleId :
 PB116762BS

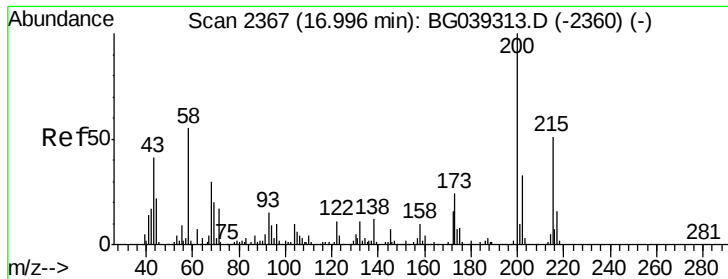
Tgt Ion:248 Resp: 138398
 Ion Ratio Lower Upper
 248 100
 250 98.3 77.6 116.4
 141 73.5 63.9 95.9



#68
 Hexachlorobenzene
 Concen: 38.715 ng
 RT: 16.84 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BG039348.D
 Acq: 1 Feb 2019 18:33

Tgt Ion:284 Resp: 142124
 Ion Ratio Lower Upper
 284 100
 142 38.4 30.6 45.8
 249 35.8 28.2 42.2





#69

Atrazine

Concen: 41.792 ng

RT: 16.99 min Scan# 2366

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

Instrument :

BNA_G

ClientSampleId :

PB116762BS

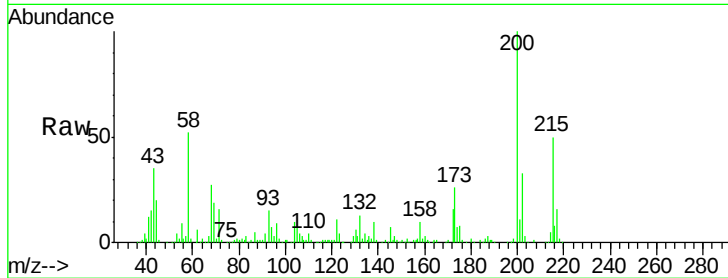
Tgt Ion:200 Resp: 153165

Ion Ratio Lower Upper

200 100

173 25.7 3.9 43.9

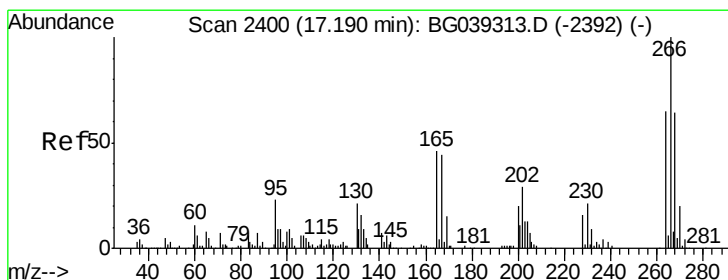
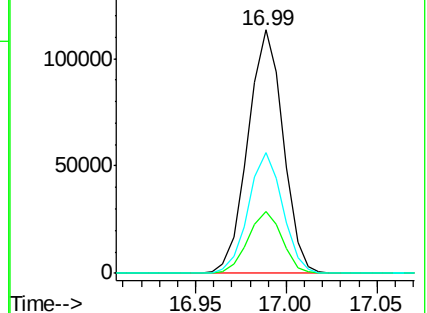
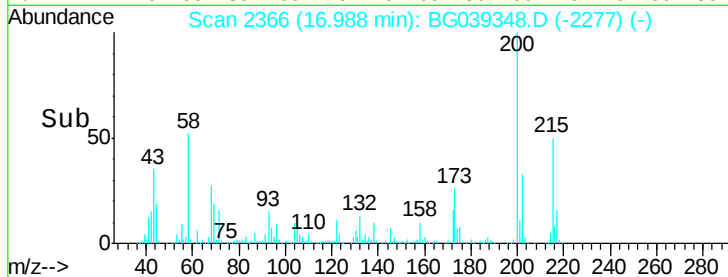
215 49.6 30.9 70.9



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: 76.607 ng

RT: 17.18 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

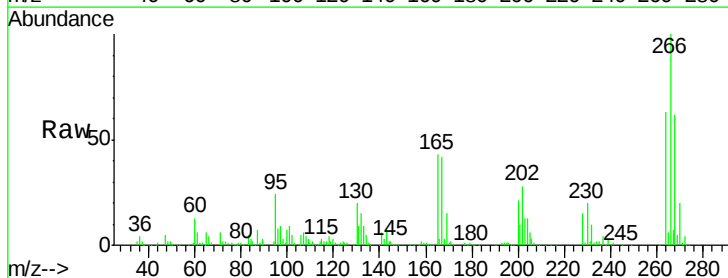
Tgt Ion:266 Resp: 195459

Ion Ratio Lower Upper

266 100

268 62.3 51.1 76.7

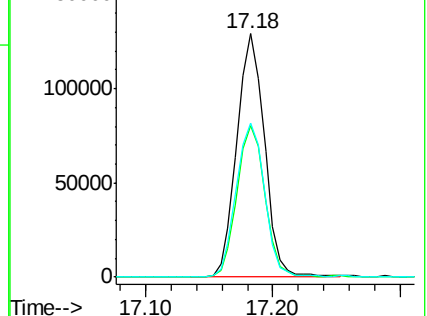
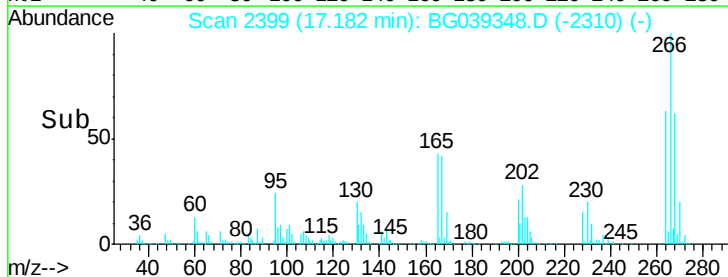
264 63.4 52.1 78.1



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: 41.548 ng

RT: 17.59 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

Instrument :

BNA_G

ClientSampleId :

PB116762BS

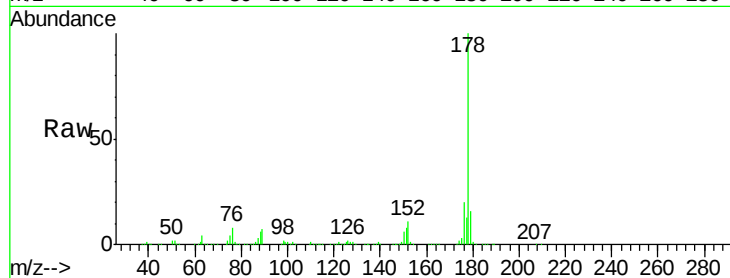
Tgt Ion:178 Resp: 709242

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.4

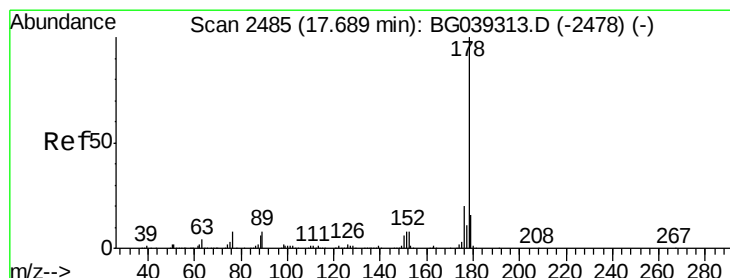
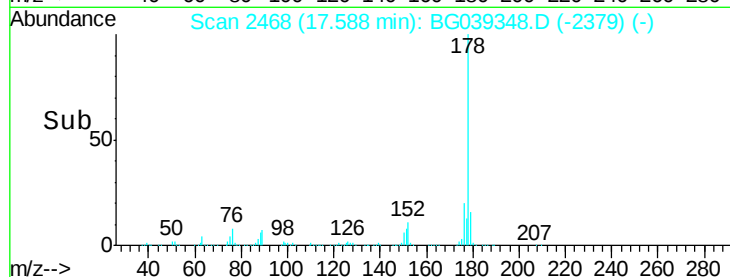
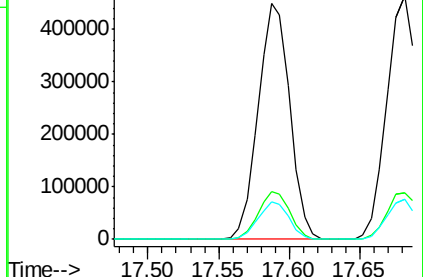
179 15.8 12.6 19.0



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: 42.830 ng

RT: 17.68 min Scan# 2484

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

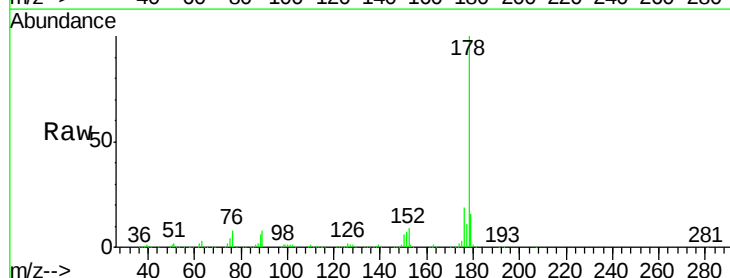
Tgt Ion:178 Resp: 720167

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

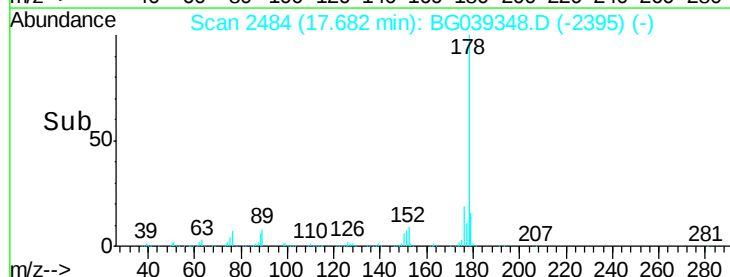
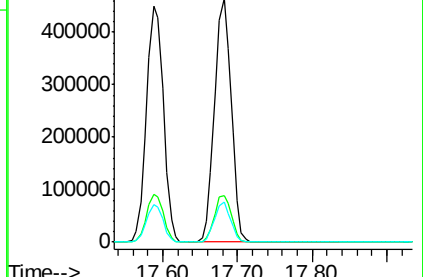
179 16.3 12.5 18.7

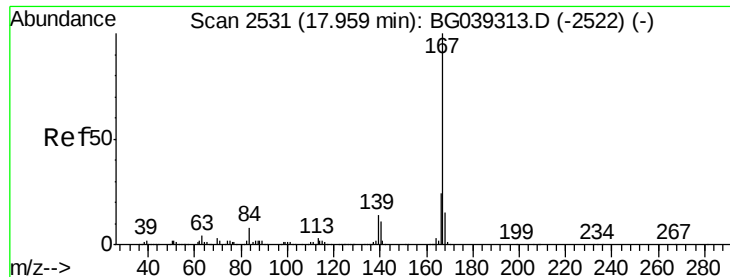


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.446 ng

RT: 17.95 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

Instrument :

BNA_G

ClientSampleId :

PB116762BS

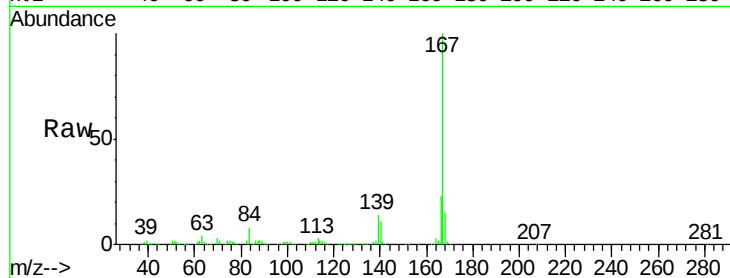
Tgt Ion:167 Resp: 645145

Ion Ratio Lower Upper

167 100

166 23.0 19.4 29.2

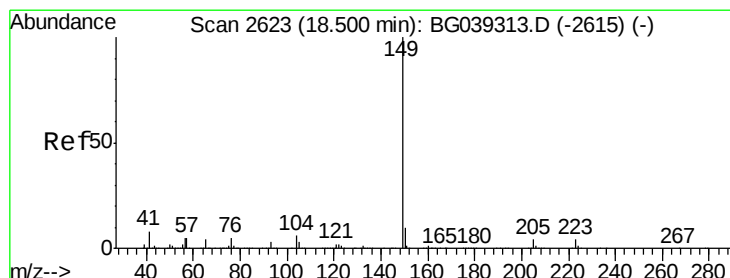
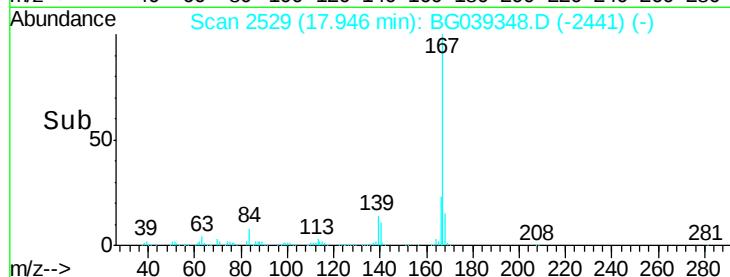
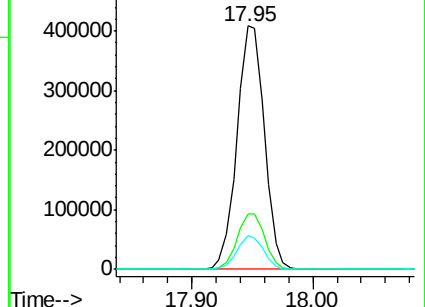
139 13.6 10.8 16.2



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: 40.156 ng

RT: 18.49 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

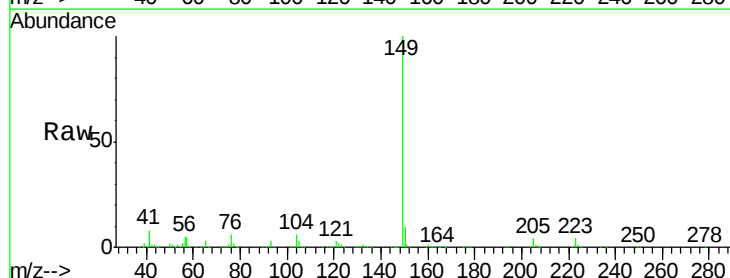
Tgt Ion:149 Resp: 786138

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

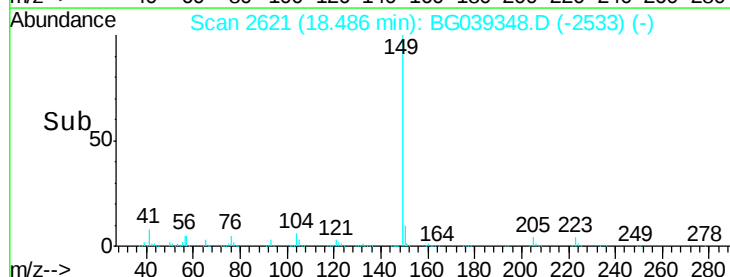
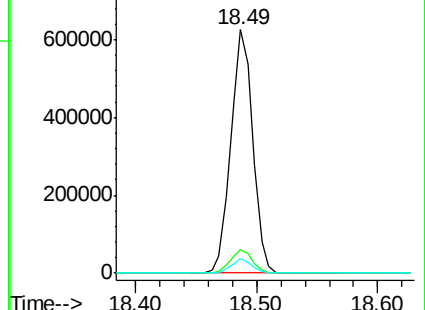
104 5.8 4.5 6.7

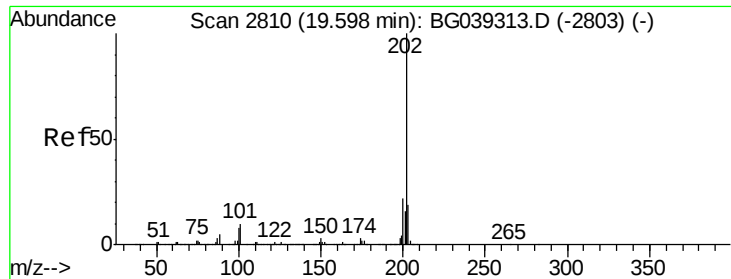


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

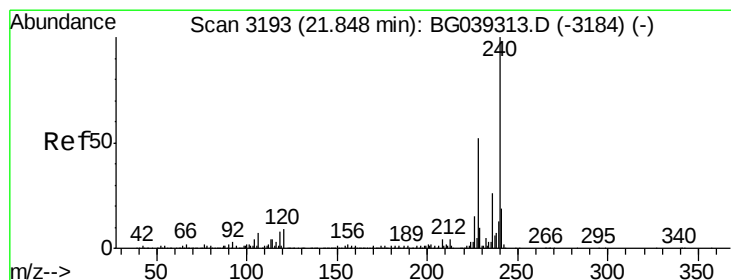
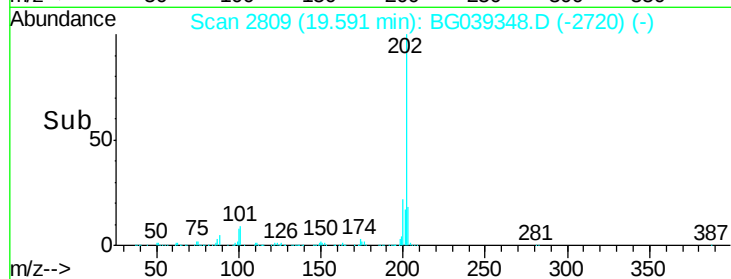
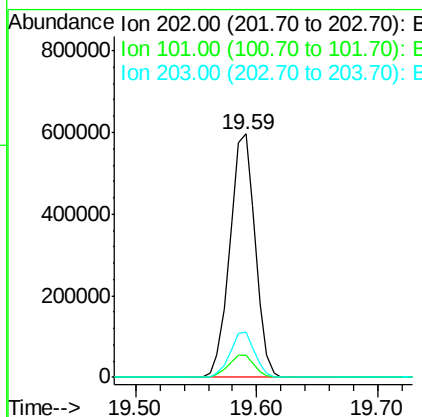
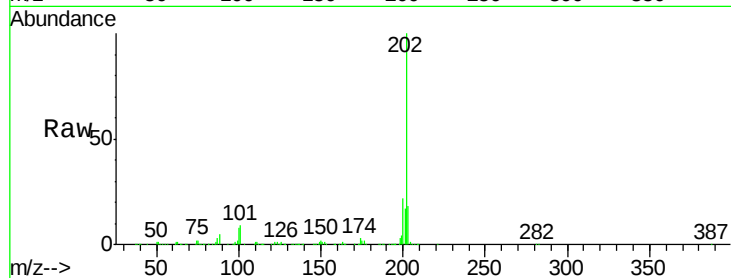




#75
Fluoranthene
Concen: 43.701 ng
RT: 19.59 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BG039348.D
Acq: 1 Feb 2019 18:33

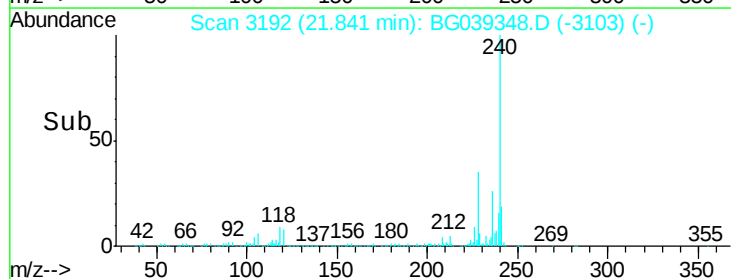
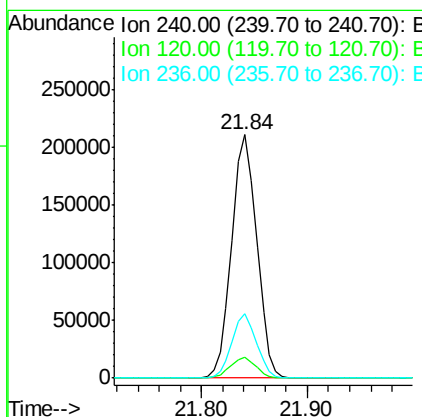
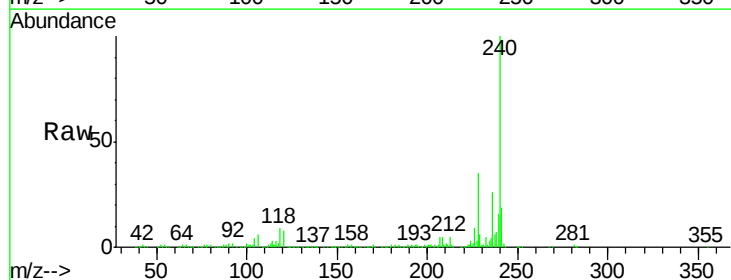
Instrument :
BNA_G
ClientSampleId :
PB116762BS

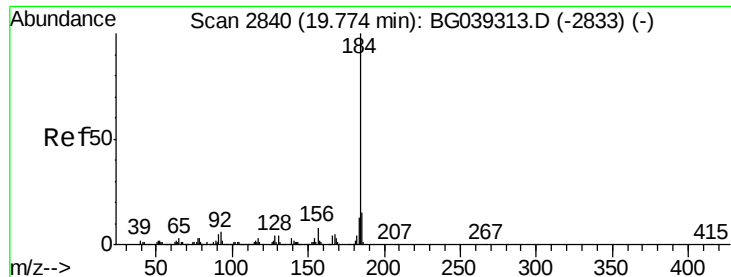
Tgt Ion:	202	Resp:	865879
Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.0
203	18.4	0.0	38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.84 min Scan# 3192
Delta R.T. -0.01 min
Lab File: BG039348.D
Acq: 1 Feb 2019 18:33

Tgt Ion:	240	Resp:	345691
Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.0	10.6
236	26.2	21.0	31.4





#77

Benzidine

Concen: 26.811 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

Instrument :

BNA_G

ClientSampleId :

PB116762BS

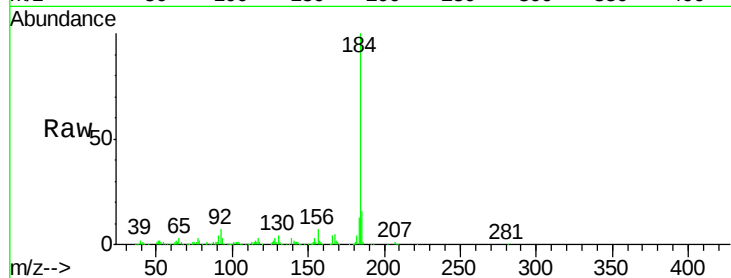
Tgt Ion:184 Resp: 303870

Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.2

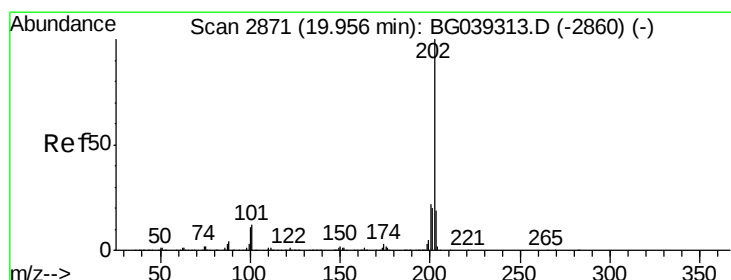
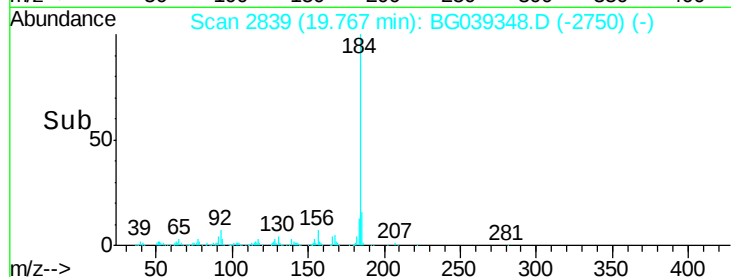
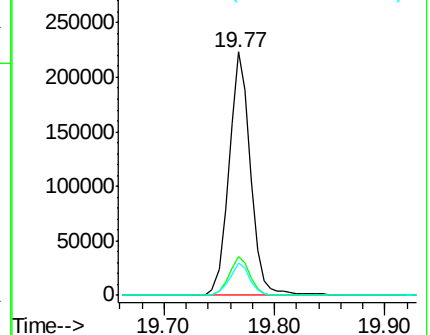
183 13.3 10.6 15.8



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: 40.785 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

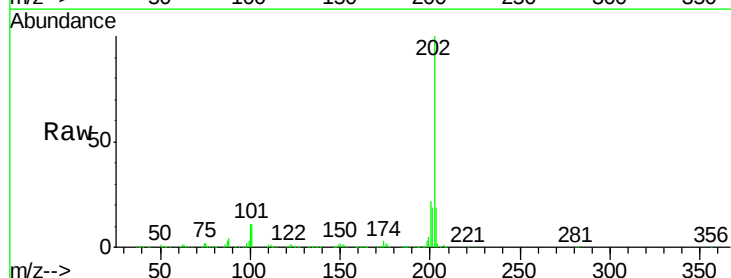
Tgt Ion:202 Resp: 877706

Ion Ratio Lower Upper

202 100

200 21.9 17.8 26.8

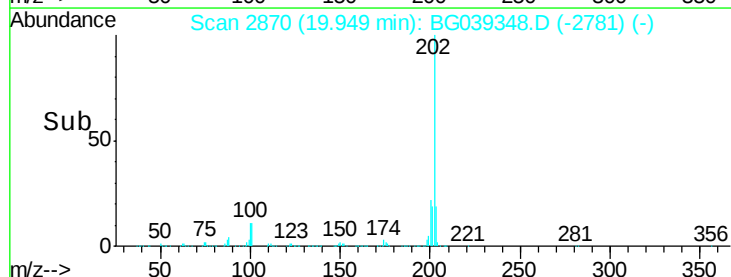
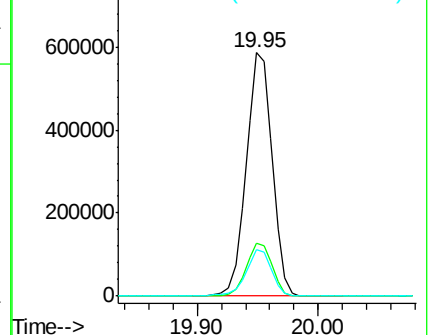
203 18.8 15.3 22.9



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: 77.488 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

Instrument :

BNA_G

ClientSampleId :

PB116762BS

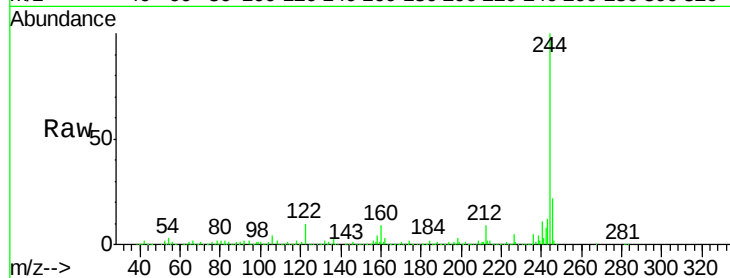
Tgt Ion:244 Resp: 1265516

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

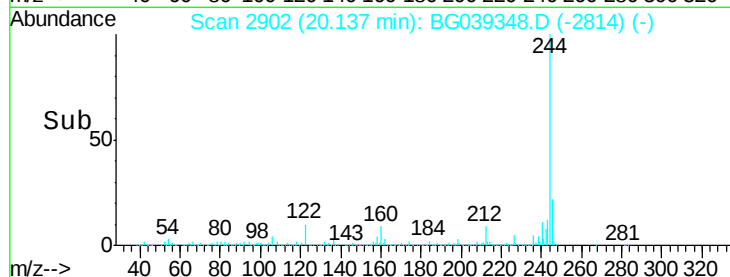
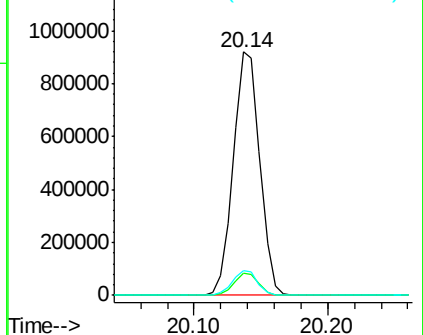
122 10.3 8.4 12.6



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: 40.306 ng

RT: 20.82 min Scan# 3019

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

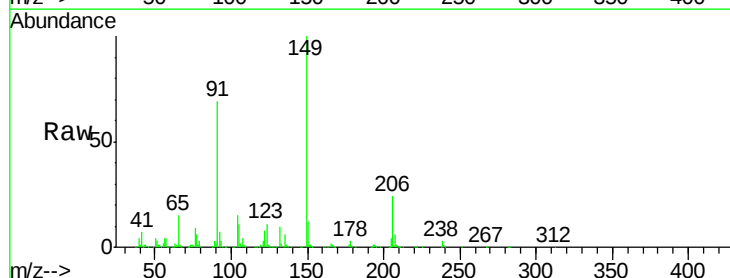
Tgt Ion:149 Resp: 365895

Ion Ratio Lower Upper

149 100

91 69.2 59.5 89.3

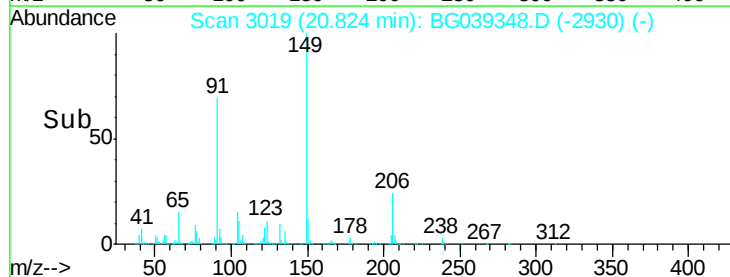
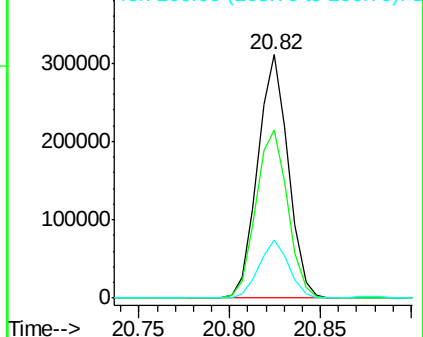
206 23.8 18.6 27.8

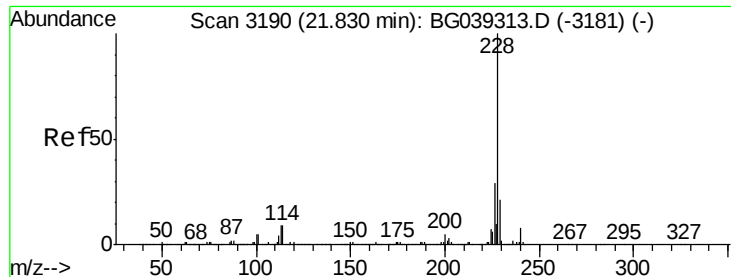


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.477 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

Instrument :

BNA_G

ClientSampleId :

PB116762BS

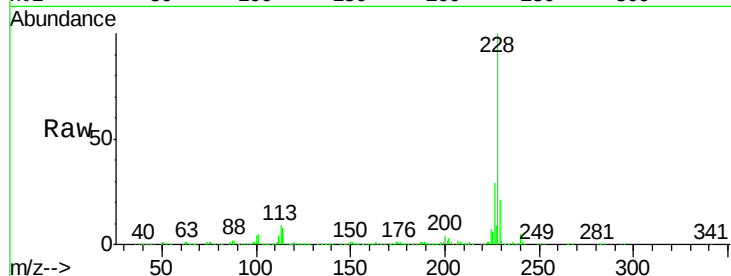
Tgt Ion:228 Resp: 867654

Ion Ratio Lower Upper

228 100

226 29.1 23.0 34.6

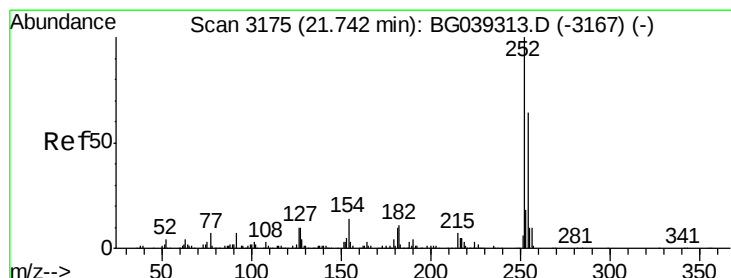
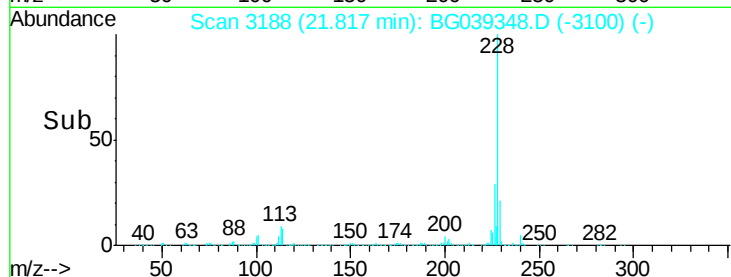
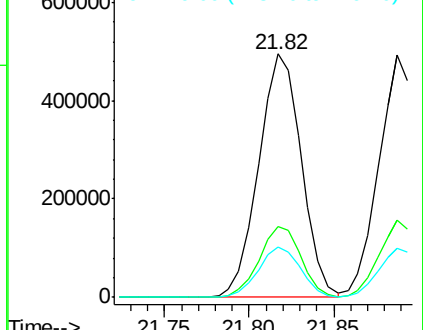
229 20.8 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.265 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

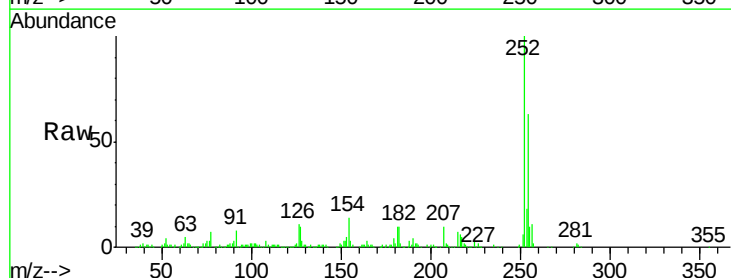
Tgt Ion:252 Resp: 176214

Ion Ratio Lower Upper

252 100

254 62.9 51.3 76.9

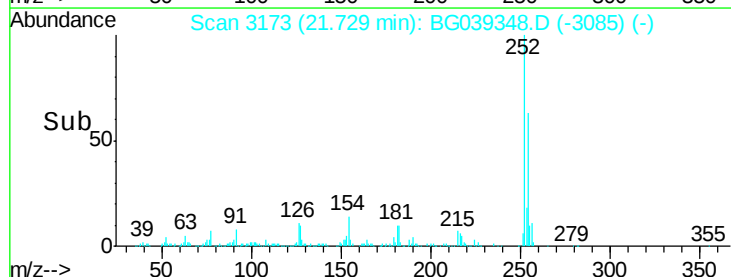
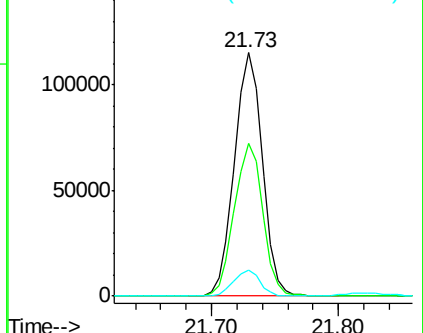
126 10.5 8.0 12.0

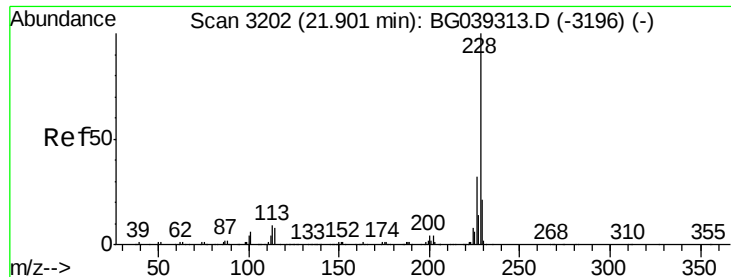


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.968 ng

RT: 21.89 min Scan# 3200

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

Instrument :

BNA_G

ClientSampleId :

PB116762BS

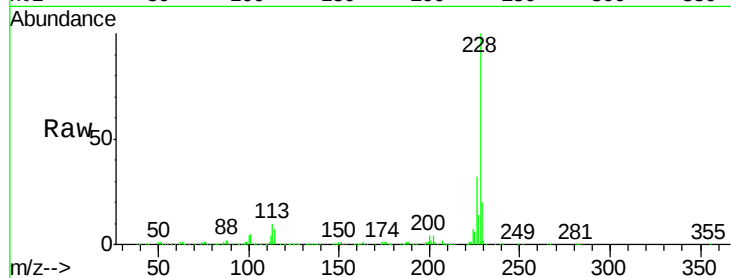
Tgt Ion:228 Resp: 816058

Ion Ratio Lower Upper

228 100

226 31.7 25.8 38.6

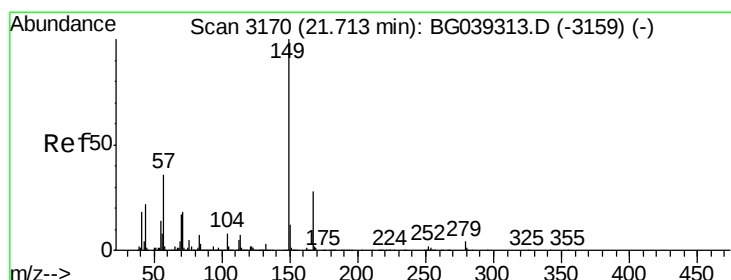
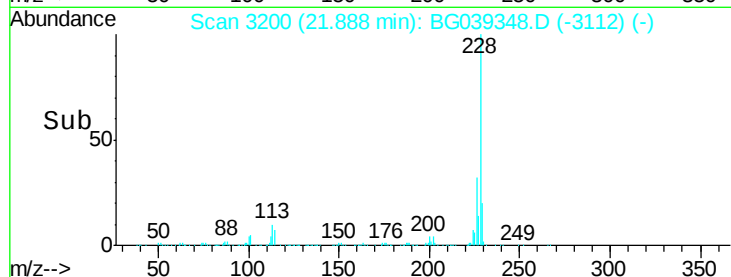
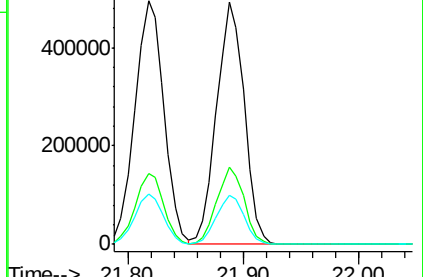
229 20.4 16.6 25.0



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: 40.016 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

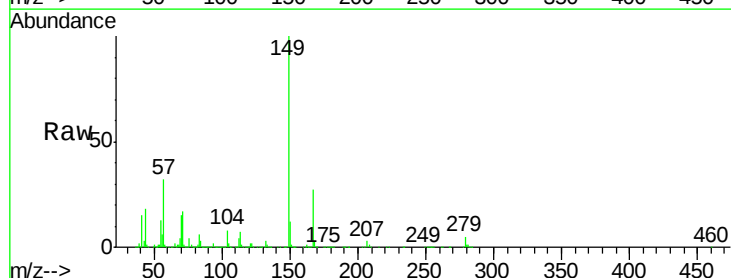
Tgt Ion:149 Resp: 518247

Ion Ratio Lower Upper

149 100

167 27.3 22.6 34.0

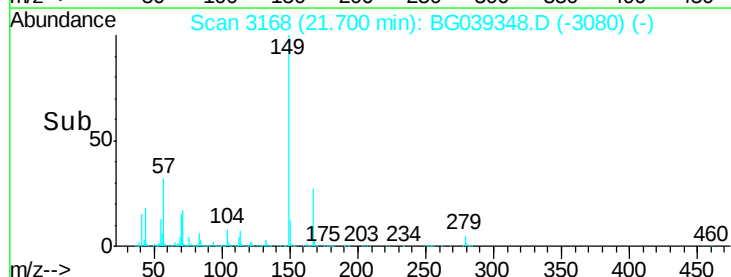
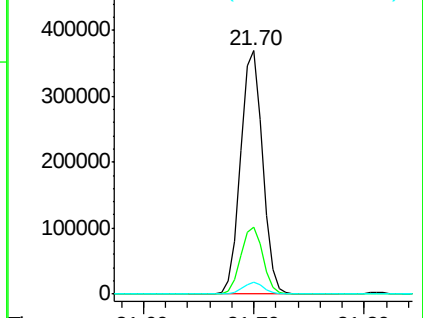
279 4.9 3.5 5.3



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

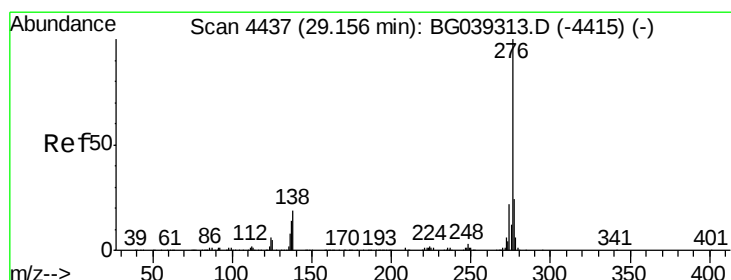
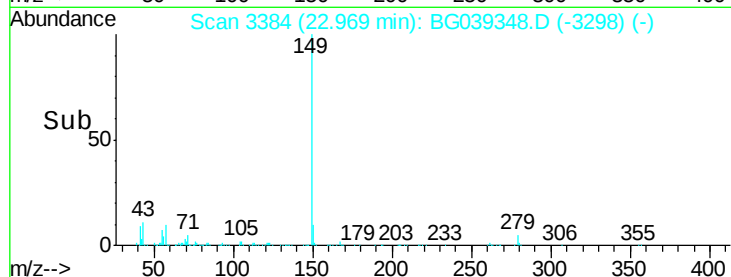
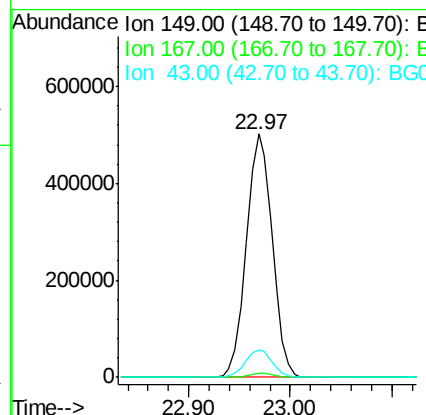
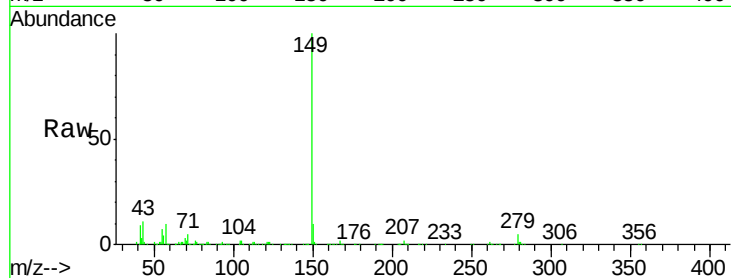




#85
Di-n-octyl phthalate
Concen: 41.543 ng
RT: 22.97 min Scan# 3384
Delta R.T. -0.02 min
Lab File: BG039348.D
Acq: 1 Feb 2019 18:33

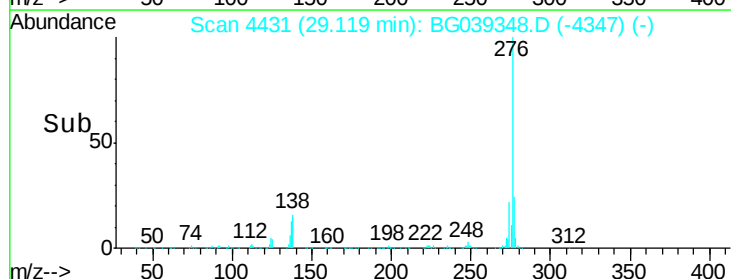
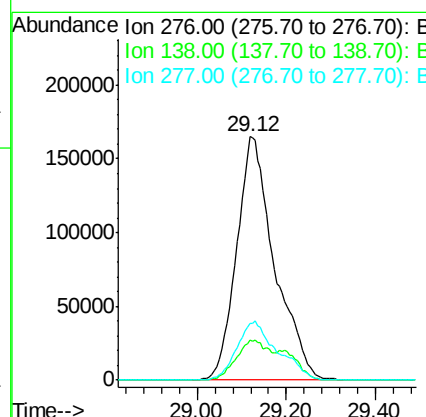
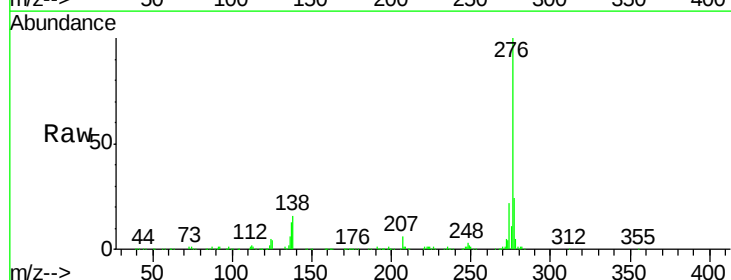
Instrument :
BNA_G
ClientSampleId :
PB116762BS

Tgt Ion:149 Resp: 888879
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.6 10.2 15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.730 ng
RT: 29.12 min Scan# 4431
Delta R.T. -0.04 min
Lab File: BG039348.D
Acq: 1 Feb 2019 18:33

Tgt Ion:276 Resp: 974917
Ion Ratio Lower Upper
276 100
138 14.2 12.6 19.0
277 25.8 20.8 31.2



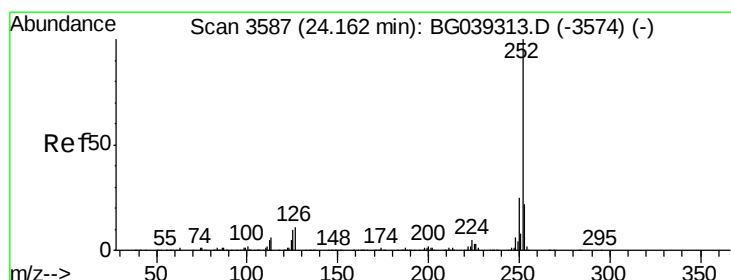
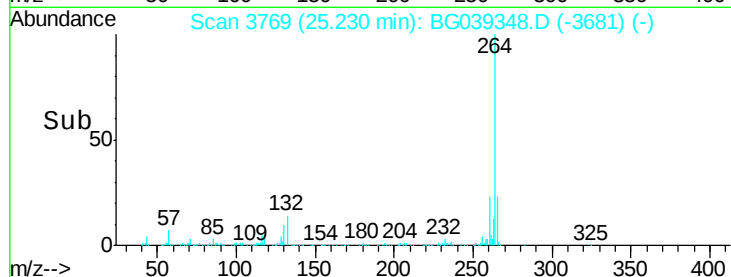
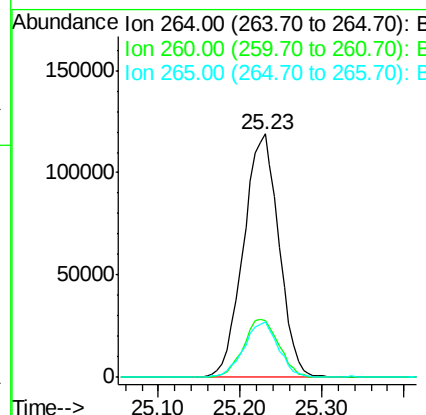
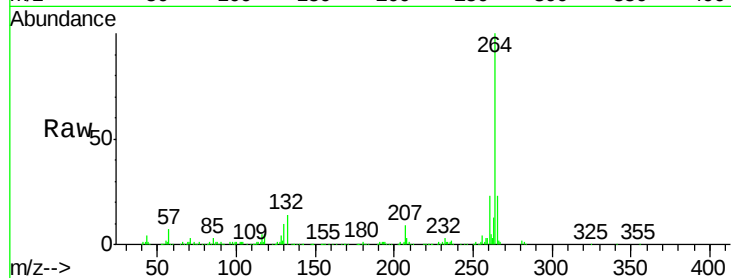


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.23 min Scan# 3769
Delta R.T. -0.01 min
Lab File: BG039348.D
Acq: 1 Feb 2019 18:33

Instrument :
BNA_G
ClientSampleId :
PB116762BS

Tgt Ion: 264 Resp: 357887

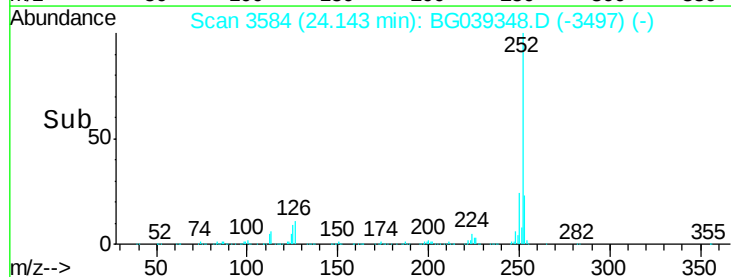
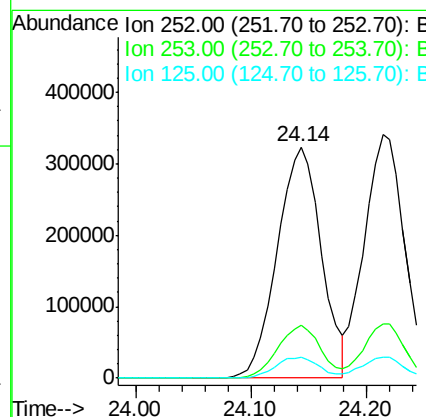
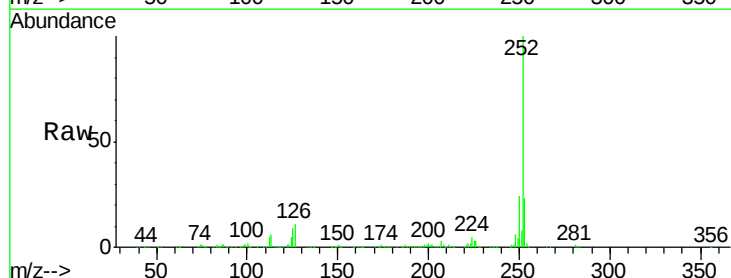
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	22.7	18.5	27.7

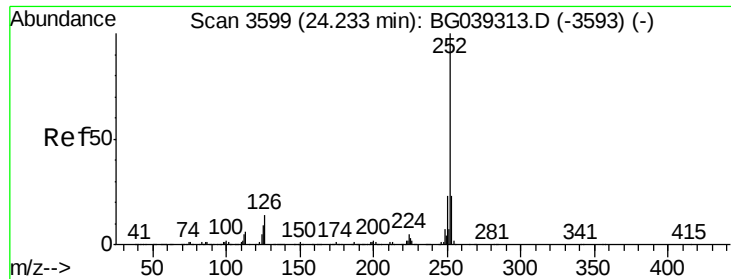


#88
Benzo(b)fluoranthene
Concen: 43.847 ng
RT: 24.14 min Scan# 3584
Delta R.T. -0.02 min
Lab File: BG039348.D
Acq: 1 Feb 2019 18:33

Tgt Ion: 252 Resp: 855792

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	9.0	7.8	11.6

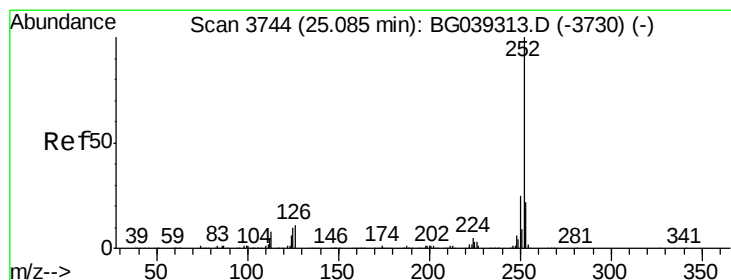
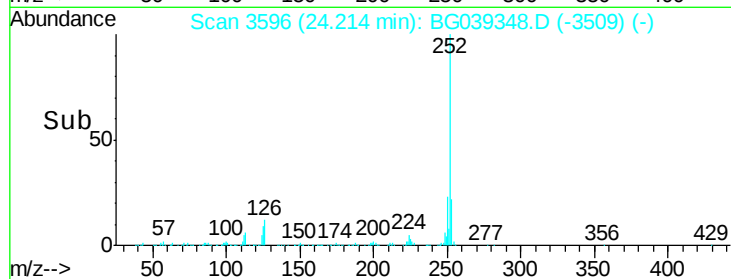
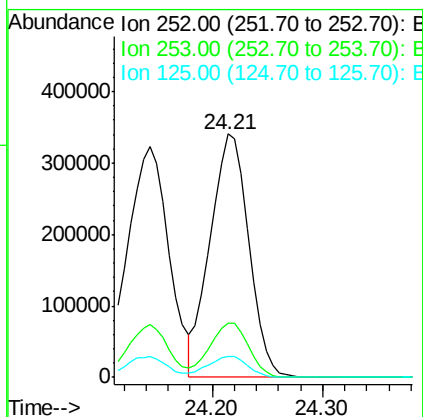
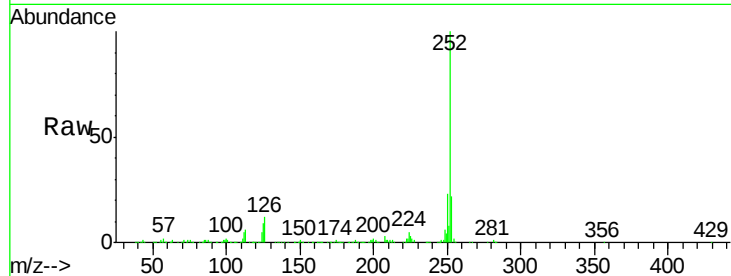




#89
Benzo(k)fluoranthene
Concen: 42.126 ng
RT: 24.21 min Scan# 3596
Delta R.T. -0.02 min
Lab File: BG039348.D
Acq: 1 Feb 2019 18:33

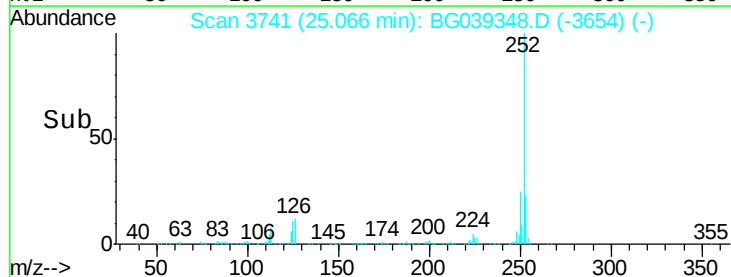
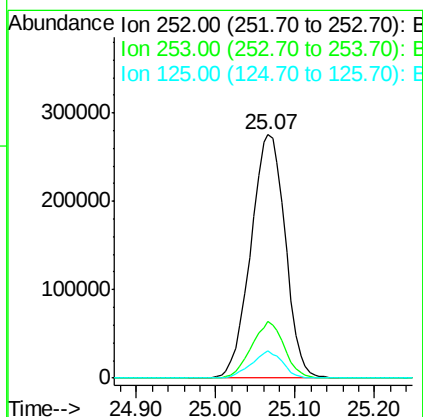
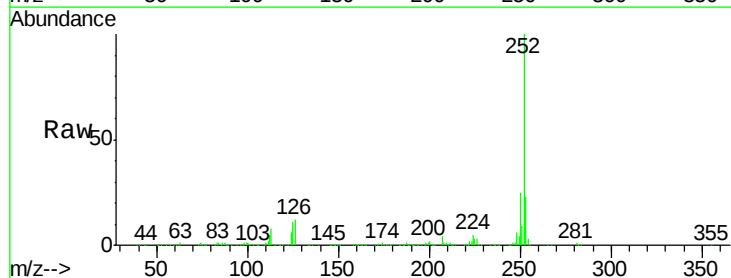
Instrument :
BNA_G
ClientSampleId :
PB116762BS

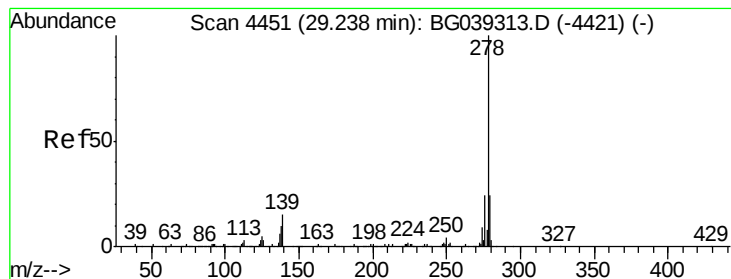
Tgt Ion:252 Resp: 825468
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 8.8 7.4 11.2



#90
Benzo(a)pyrene
Concen: 44.296 ng
RT: 25.07 min Scan# 3741
Delta R.T. -0.02 min
Lab File: BG039348.D
Acq: 1 Feb 2019 18:33

Tgt Ion:252 Resp: 832624
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 11.0 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 44.850 ng

RT: 29.20 min Scan# 4445

Delta R.T. -0.04 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

Instrument :

BNA_G

ClientSampleId :

PB116762BS

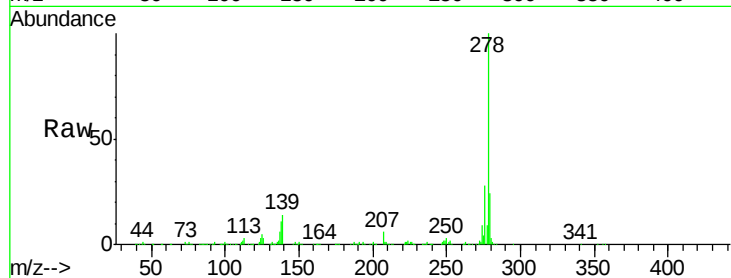
Tgt Ion:278 Resp: 789501

Ion Ratio Lower Upper

278 100

139 14.1 11.7 17.5

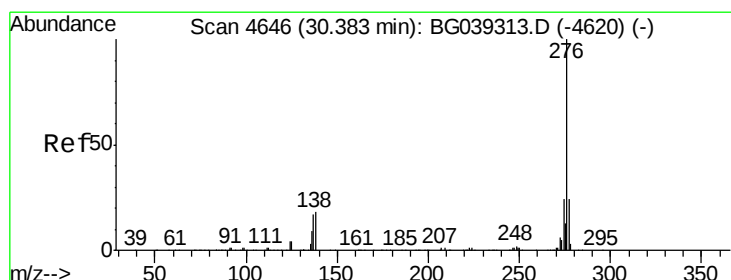
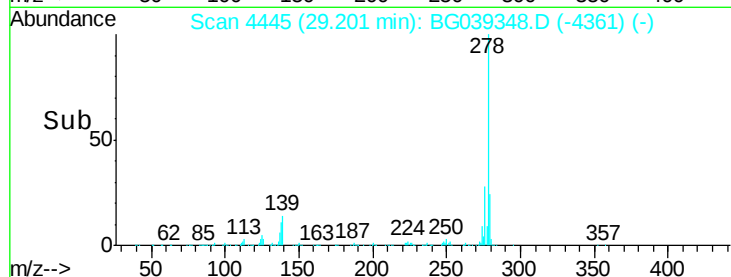
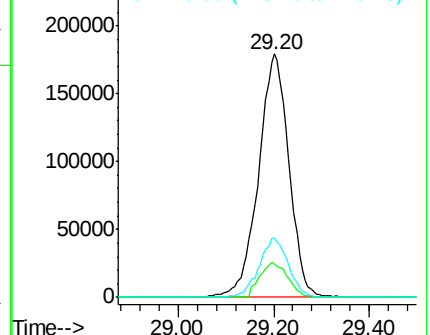
279 24.2 19.1 28.7



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: 45.864 ng

RT: 30.35 min Scan# 4641

Delta R.T. -0.03 min

Lab File: BG039348.D

Acq: 1 Feb 2019 18:33

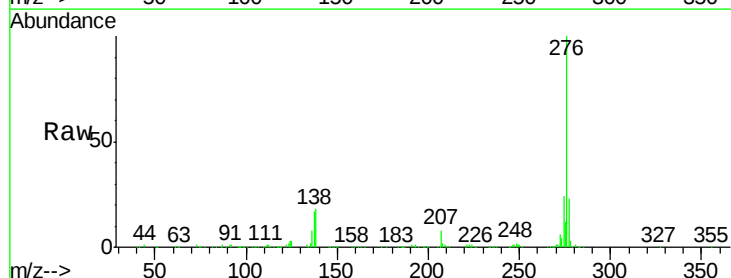
Tgt Ion:276 Resp: 804706

Ion Ratio Lower Upper

276 100

277 22.7 19.6 29.4

138 18.4 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

