

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020619\NOT REVIEWED DATA\
 Data File : BG039369.D
 Acq On : 6 Feb 2019 14:00
 Operator : JU/SJ
 Sample : PB116862BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116862BS

Quant Time: Feb 07 01:14:23 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	48155	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	205480	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	131446	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	323918	20.00	ng	0.00
76) Chrysene-d12	21.84	240	358694	20.00	ng	0.00
87) Perylene-d12	25.22	264	376047	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	450240	160.02	ng	0.00
7) Phenol-d6	7.32	99	629698	152.04	ng	0.00
23) Nitrobenzene-d5	9.36	82	298980	90.90	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	228402	161.36	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	729394	79.60	ng	0.00
79) Terphenyl-d14	20.14	244	1327707	78.35	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.60	88	45646	37.088	ng	96
3) Pyridine	4.00	79	126459	38.809	ng	96
4) n-Nitrosodimethylamine	3.93	42	66071	40.544	ng	96
6) Aniline	7.50	93	151818	29.265	ng	98
8) 2-Chlorophenol	7.73	128	141094	45.876	ng	98
9) Benzaldehyde	7.32	77	74100	34.416	ng	97
10) Phenol	7.35	94	195571	45.300	ng	95
11) bis(2-Chloroethyl)ether	7.59	93	134758	39.502	ng	100
12) 1,3-Dichlorobenzene	8.06	146	147609	39.619	ng	99
13) 1,4-Dichlorobenzene	8.22	146	150119	40.425	ng	98
14) 1,2-Dichlorobenzene	8.53	146	144336	40.149	ng	96
15) Benzyl Alcohol	8.42	79	130562	40.155	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.70	45	271792	35.280	ng	99
17) 2-Methylphenol	8.60	107	124276	44.483	ng	97
18) Hexachloroethane	9.26	117	52615	41.182	ng	97
19) n-Nitroso-di-n-propylamine	8.98	70	107415	36.542	ng	96
20) 3+4-Methylphenols	8.93	107	168041	43.678	ng	97
22) Acetophenone	9.01	105	205359	37.206	ng	# 95
24) Nitrobenzene	9.40	77	158824	44.696	ng	99
25) Isophorone	9.91	82	301528	41.369	ng	99
26) 2-Nitrophenol	10.11	139	67970	48.677	ng	97
27) 2,4-Dimethylphenol	10.14	122	144376	48.966	ng	95
28) bis(2-Chloroethoxy)methane	10.40	93	186837	41.617	ng	100
29) 2,4-Dichlorophenol	10.64	162	148879	46.200	ng	96
30) 1,2,4-Trichlorobenzene	10.85	180	148980	41.178	ng	95
31) Naphthalene	11.05	128	437110	42.880	ng	98
32) Benzoic acid	10.26	122	74698	40.439	ng	100
33) 4-Chloroaniline	11.16	127	93109	19.699	ng	98
34) Hexachlorobutadiene	11.32	225	98602	40.981	ng	97
35) Caprolactam	11.93	113	30955	23.213	ng	# 86
36) 4-Chloro-3-methylphenol	12.25	107	157165	42.171	ng	99
37) 2-Methylnaphthalene	12.65	142	328011	43.445	ng	96
38) 1-Methylnaphthalene	12.86	142	309566	42.535	ng	99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	178700	42.728	ng	98

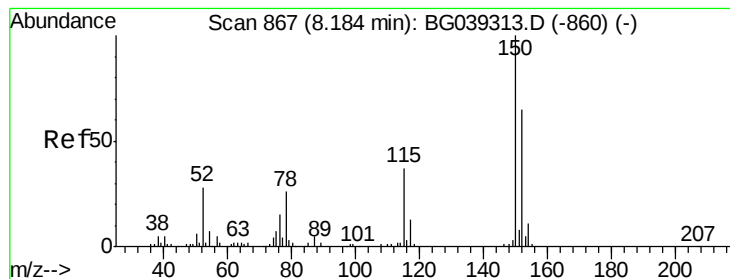
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	234338	102.827	ng	99
43) 2,4,6-Trichlorophenol	13.23	196	117725	45.781	ng	99
44) 2,4,5-Trichlorophenol	13.30	196	130100	48.273	ng	96
46) 1,1'-Biphenyl	13.64	154	432392	39.536	ng	99
47) 2-Chloronaphthalene	13.69	162	336152	40.858	ng	98
48) 2-Nitroaniline	13.89	65	103791	44.621	ng	96
49) Acenaphthylene	14.53	152	532408	42.886	ng	99
50) Dimethylphthalate	14.25	163	428112	40.327	ng	99
51) 2,6-Dinitrotoluene	14.38	165	90669	46.012	ng	99
52) Acenaphthene	14.87	154	322320	39.998	ng	98
53) 3-Nitroaniline	14.71	138	61028	30.859	ng	# 92
54) 2,4-Dinitrophenol	14.91	184	55303	68.037	ng	98
55) Dibenzofuran	15.20	168	529249	40.962	ng	100
56) 4-Nitrophenol	15.00	139	168159	87.056	ng	89
57) 2,4-Dinitrotoluene	15.16	165	127918	49.951	ng	# 87
58) Fluorene	15.85	166	412203	42.797	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	121437	48.123	ng	99
60) Diethylphthalate	15.60	149	434846	39.617	ng	98
61) 4-Chlorophenyl-phenylether	15.83	204	219346	40.219	ng	97
62) 4-Nitroaniline	15.87	138	101650	45.866	ng	95
63) Azobenzene	16.12	77	402235	37.493	ng	100
65) 4,6-Dinitro-2-methylphenol	15.91	198	55328	44.650	ng	98
66) n-Nitrosodiphenylamine	16.05	169	380006	38.582	ng	98
67) 4-Bromophenyl-phenylether	16.73	248	143118	39.827	ng	95
68) Hexachlorobenzene	16.83	284	148434	41.170	ng	94
69) Atrazine	16.99	200	155345	43.160	ng	97
70) Pentachlorophenol	17.18	266	184784	73.743	ng	98
71) Phenanthrene	17.59	178	709293	42.308	ng	100
72) Anthracene	17.68	178	723541	43.815	ng	99
73) Carbazole	17.95	167	645461	39.166	ng	99
74) Di-n-butylphthalate	18.48	149	791965	41.191	ng	99
75) Fluoranthene	19.59	202	891458	45.812	ng	99
77) Benzidine	19.77	184	347091	29.515	ng	99
78) Pyrene	19.95	202	896802	40.162	ng	98
80) Butylbenzylphthalate	20.82	149	377542	40.081	ng	95
81) Benzo(a)anthracene	21.82	228	904089	42.656	ng	99
82) 3,3'-Dichlorobenzidine	21.73	252	198752	25.290	ng	99
83) Chrysene	21.89	228	847517	42.006	ng	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	529906	39.433	ng	100
85) Di-n-octyl phthalate	22.96	149	903601	40.700	ng	97
86) Indeno(1,2,3-cd)pyrene	29.12	276	1016019	46.935	ng	99
88) Benzo(b)fluoranthene	24.14	252	865177	42.187	ng	99
89) Benzo(k)fluoranthene	24.21	252	872216	42.362	ng	98
90) Benzo(a)pyrene	25.06	252	865395	43.816	ng	99
91) Dibenzo(a,h)anthracene	29.20	278	823231	44.507	ng	100
92) Benzo(g,h,i)perylene	30.34	276	830513	45.049	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.00 min

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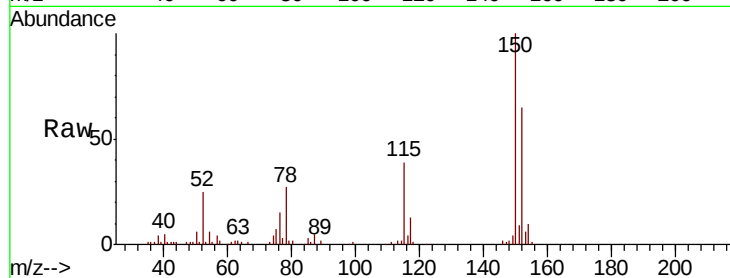
Tgt Ion:152 Resp: 48155

Ion Ratio Lower Upper

152 100

150 153.9 123.7 185.5

115 59.5 45.9 68.9

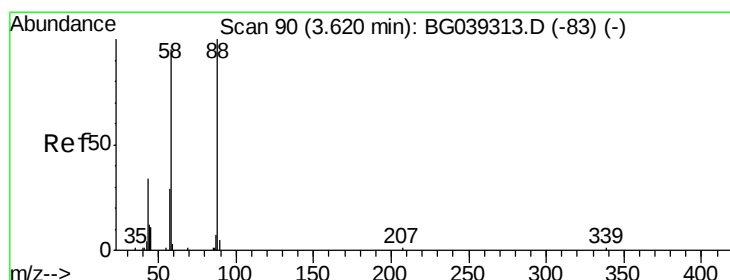
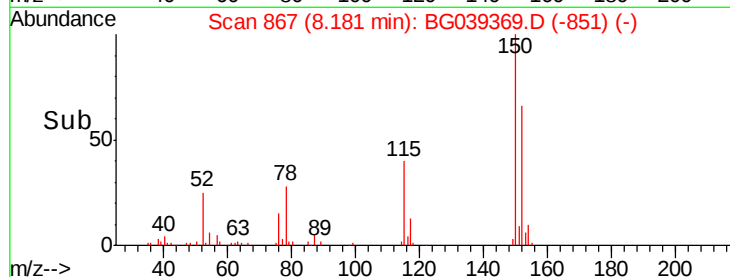
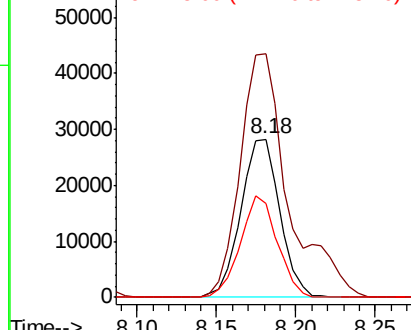


Abundance

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: 37.088 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.02 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

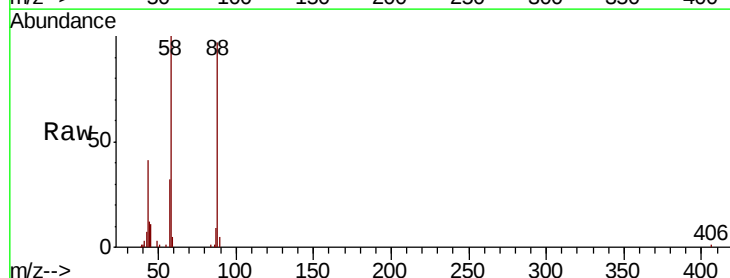
Tgt Ion: 88 Resp: 45646

Ion Ratio Lower Upper

88 100

58 96.7 81.1 121.7

43 40.4 31.4 47.0

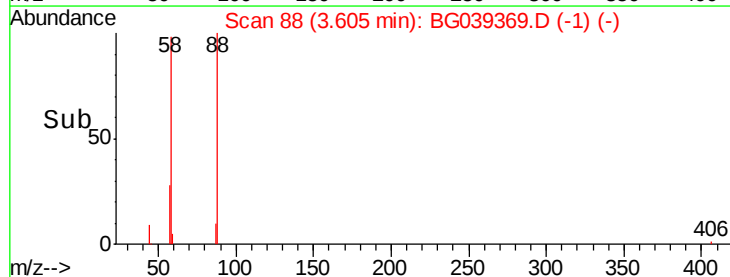
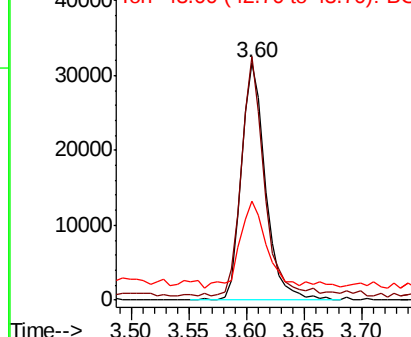


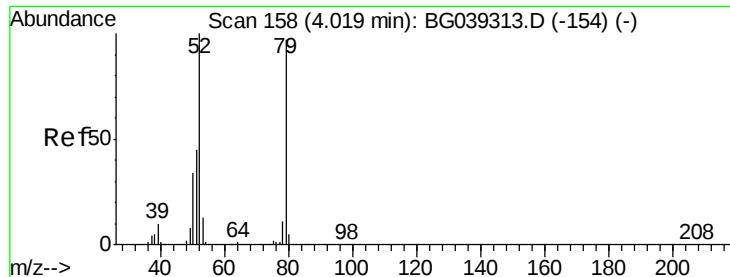
Abundance

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: 38.809 ng

RT: 4.00 min Scan# 156

Delta R.T. -0.02 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

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ClientSampleId :

PB116862BS

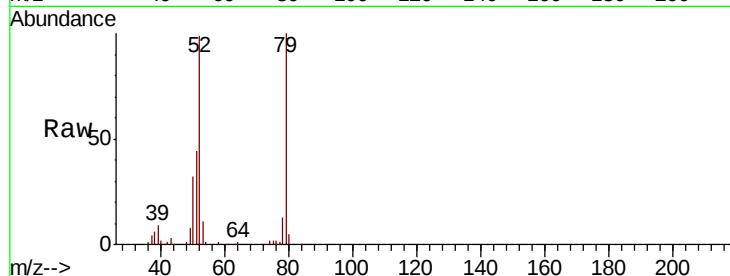
Tgt Ion: 79 Resp: 126459

Ion Ratio Lower Upper

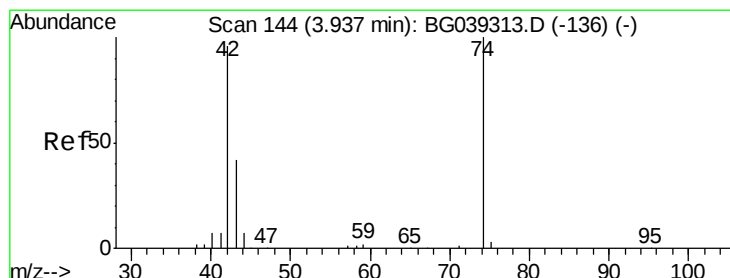
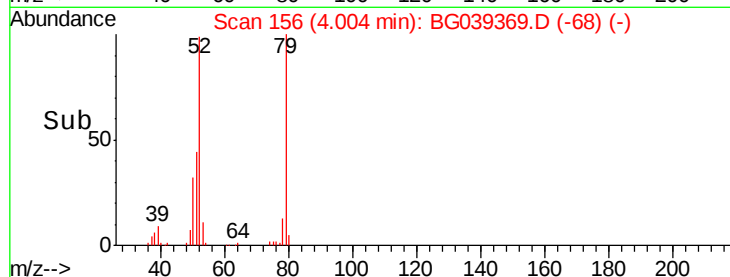
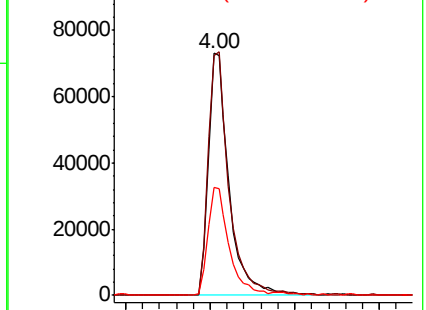
79 100

52 99.3 82.6 124.0

51 44.4 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: 40.544 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

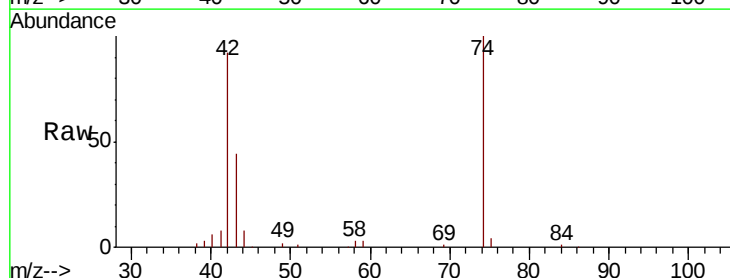
Tgt Ion: 42 Resp: 66071

Ion Ratio Lower Upper

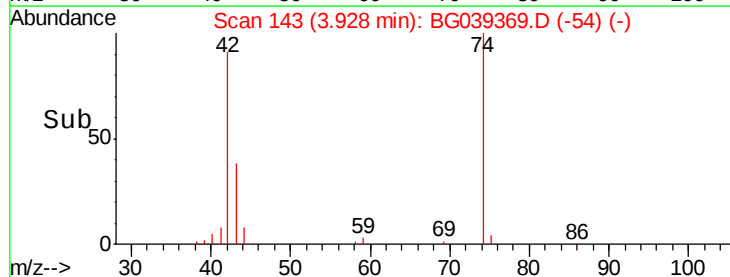
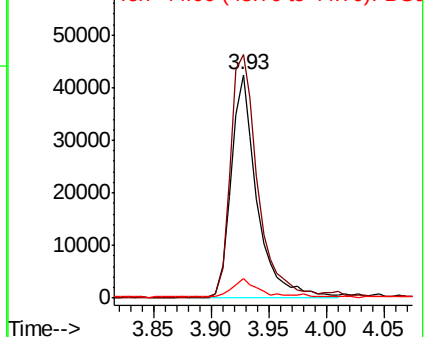
42 100

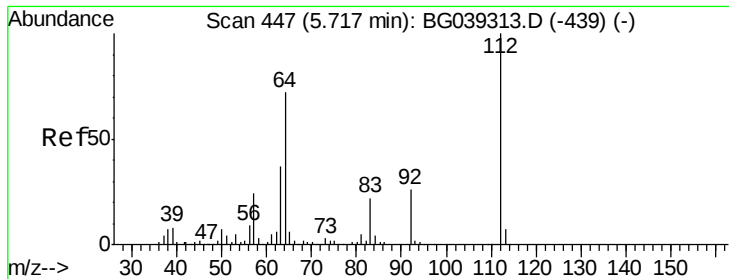
74 109.1 83.6 125.4

44 9.1 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: 160.023 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

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ClientSampleId :

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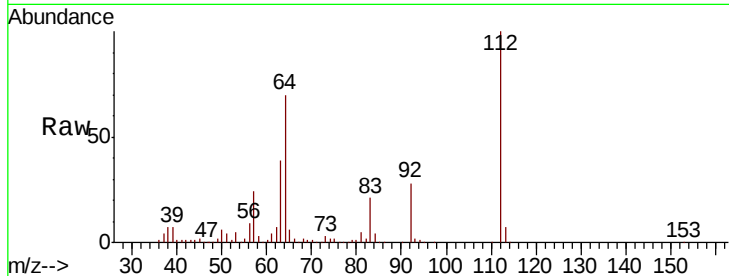
Tgt Ion: 112 Resp: 450240

Ion Ratio Lower Upper

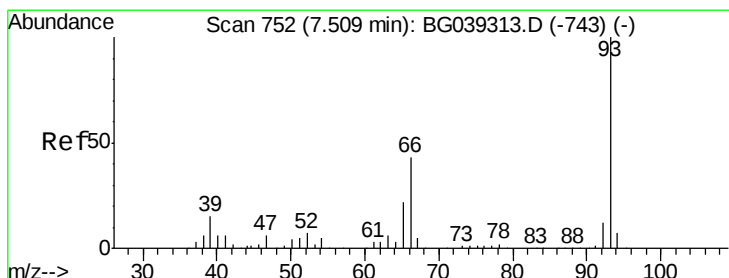
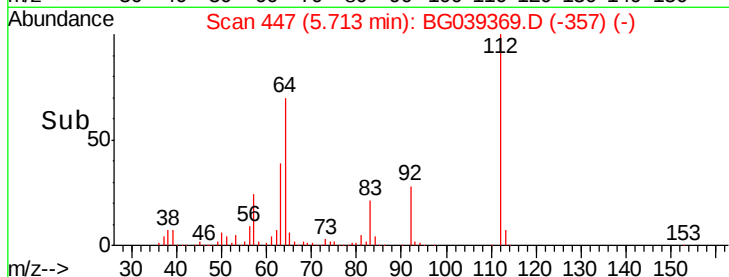
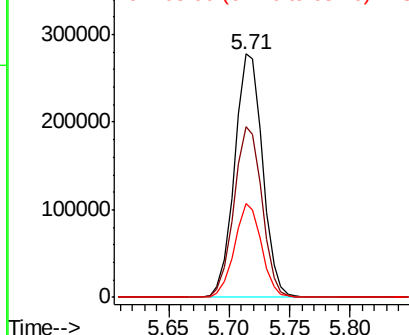
112 100

64 70.1 57.8 86.8

63 38.5 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: 29.265 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

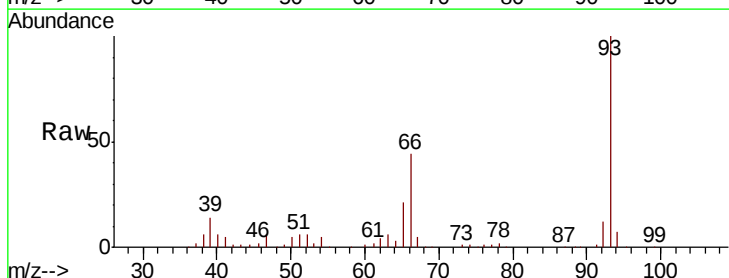
Tgt Ion: 93 Resp: 151818

Ion Ratio Lower Upper

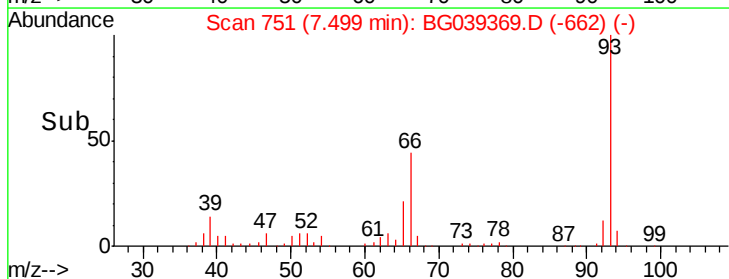
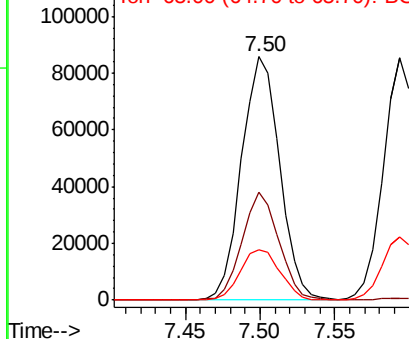
93 100

66 44.2 34.2 51.4

65 20.8 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: 152.044 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

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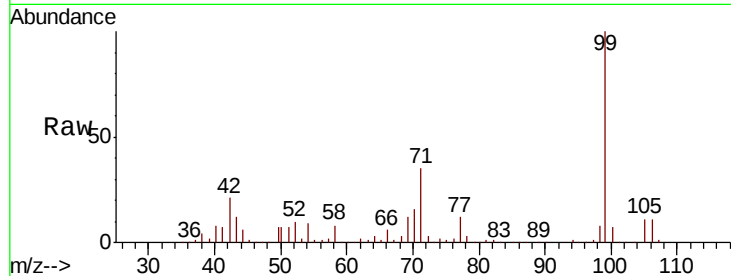
Tgt Ion: 99 Resp: 629698

Ion Ratio Lower Upper

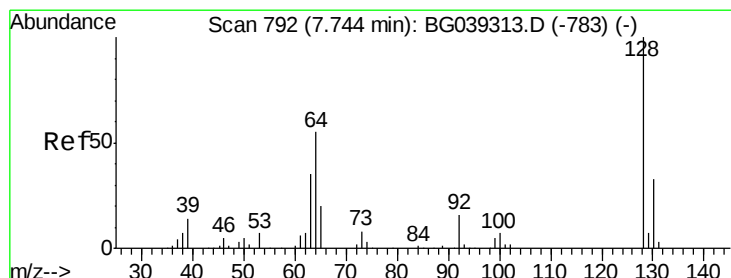
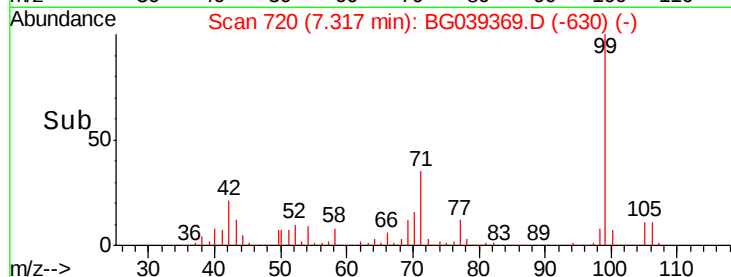
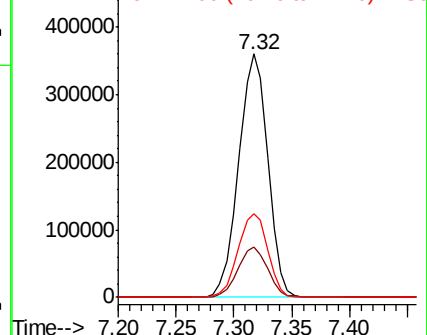
99 100

42 20.6 18.2 27.2

71 34.5 28.0 42.0



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



#8

2-Chlorophenol

Concen: 45.876 ng

RT: 7.73 min Scan# 791

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

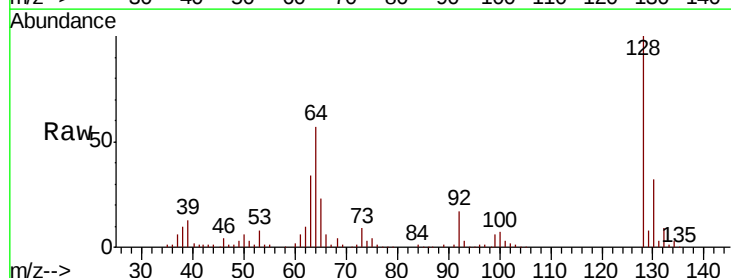
Tgt Ion: 128 Resp: 141094

Ion Ratio Lower Upper

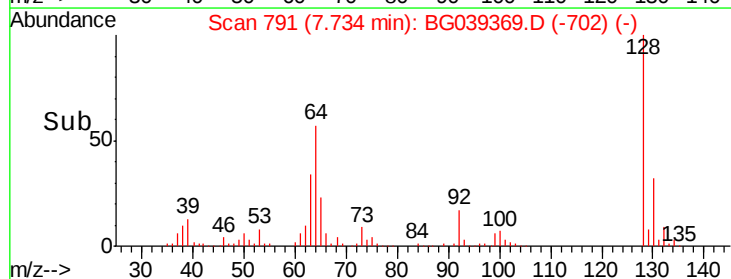
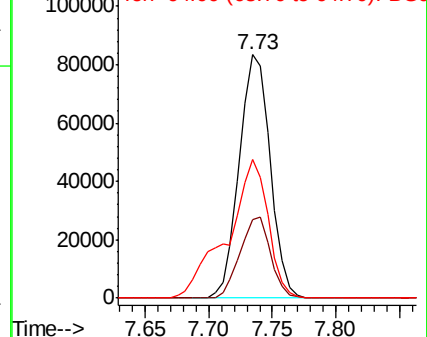
128 100

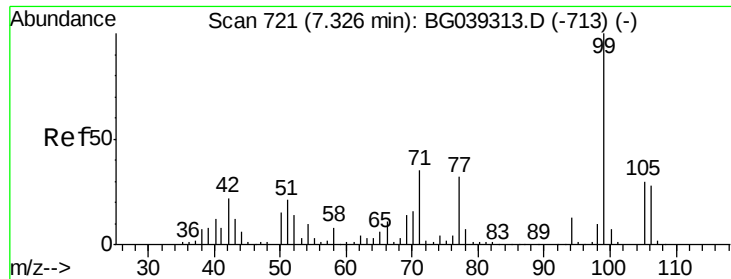
130 32.2 12.9 52.9

64 57.2 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: 34.416 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

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ClientSampleId :

PB116862BS

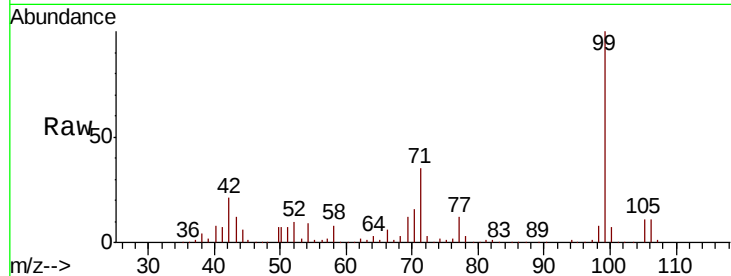
Tgt Ion: 77 Resp: 74100

Ion Ratio Lower Upper

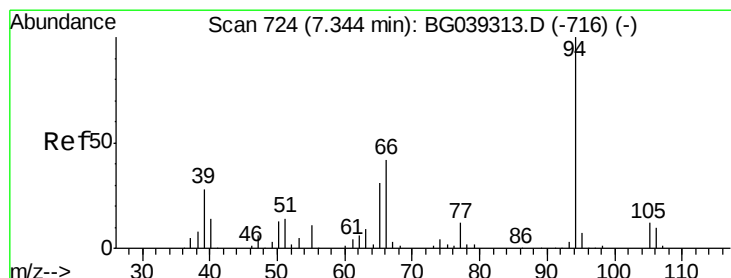
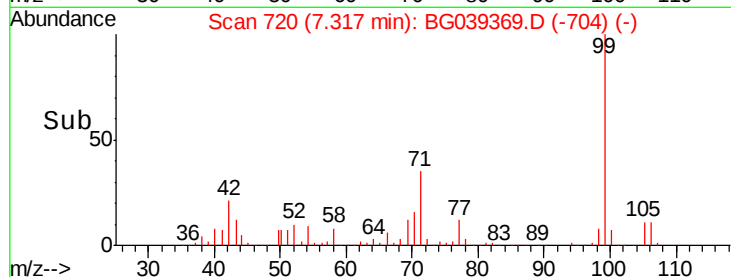
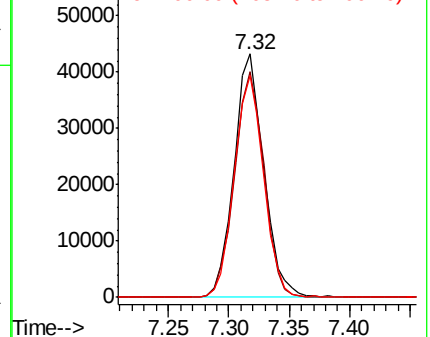
77 100

105 92.8 74.5 114.5

106 91.3 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: 45.300 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

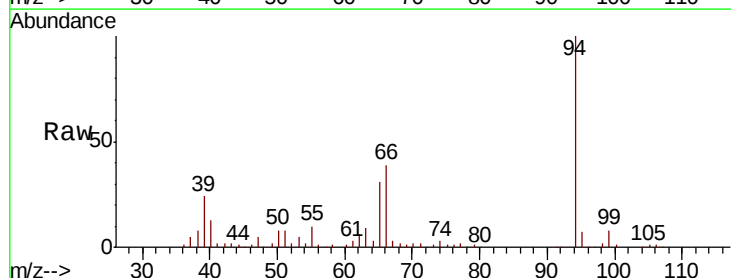
Tgt Ion: 94 Resp: 195571

Ion Ratio Lower Upper

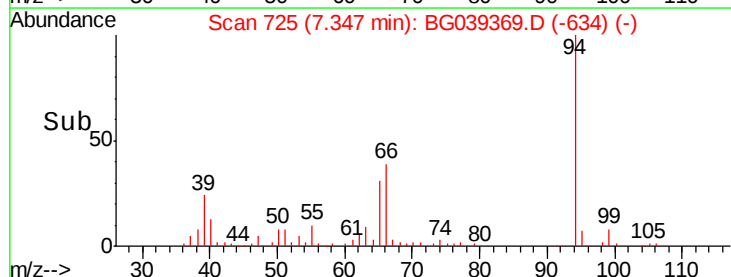
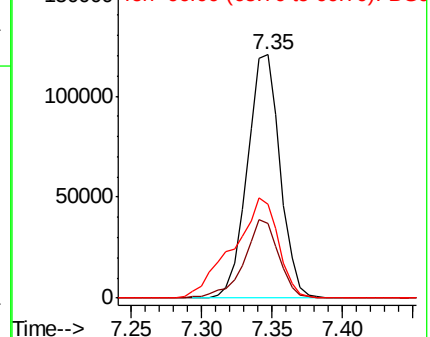
94 100

65 30.8 11.7 51.7

66 38.7 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: 39.502 ng

RT: 7.59 min Scan# 767

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

ClientSampleId :

PB116862BS

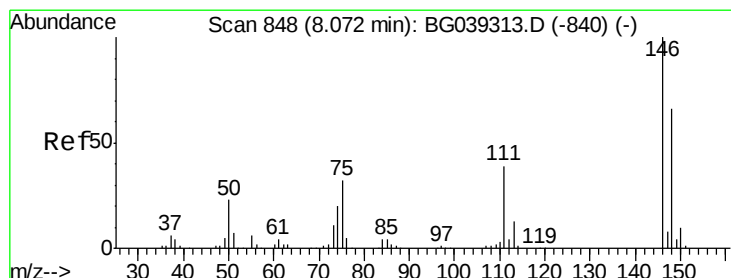
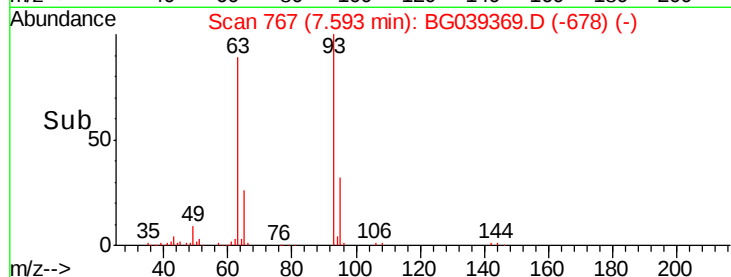
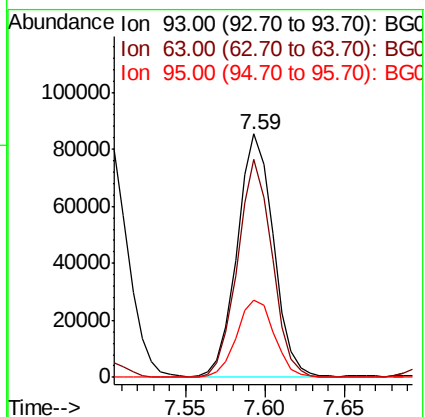
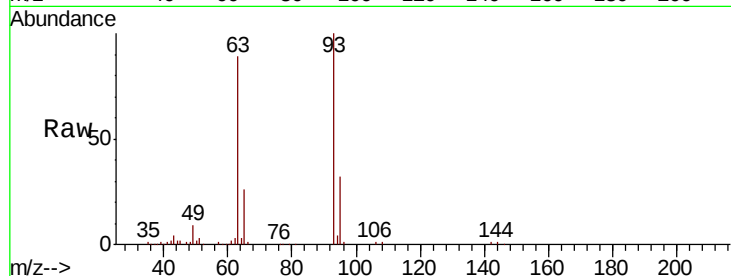
Tgt Ion: 93 Resp: 134758

Ion Ratio Lower Upper

93 100

63 89.5 69.5 109.5

95 31.7 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 39.619 ng

RT: 8.06 min Scan# 847

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

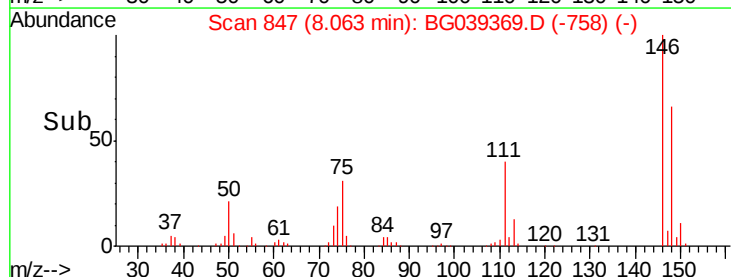
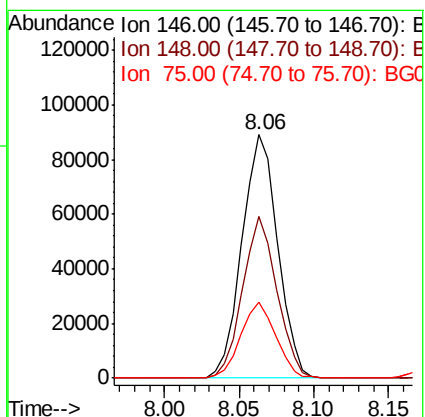
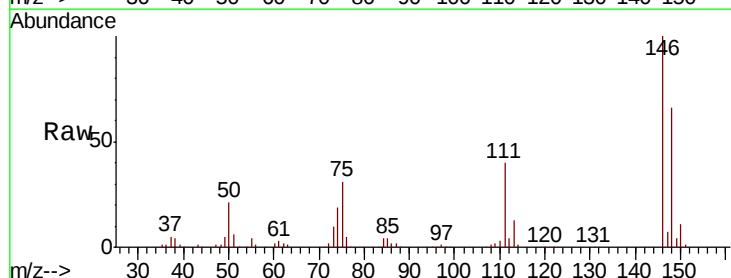
Tgt Ion: 146 Resp: 147609

Ion Ratio Lower Upper

146 100

148 66.2 52.6 79.0

75 31.2 25.8 38.6

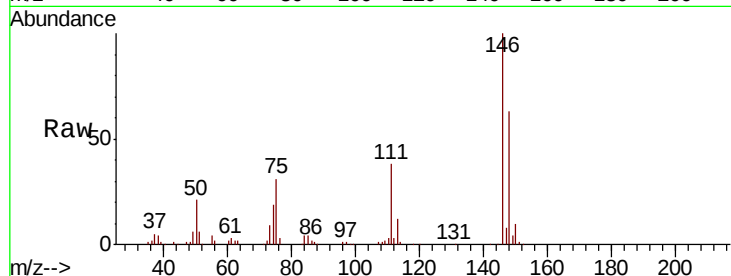




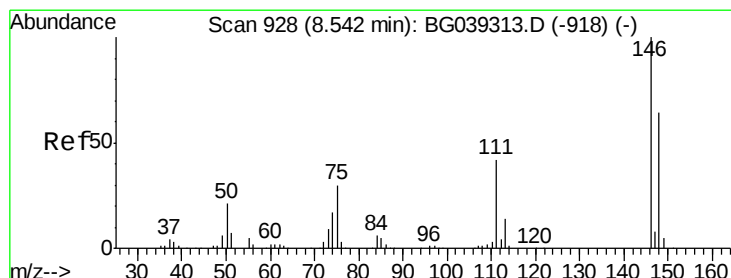
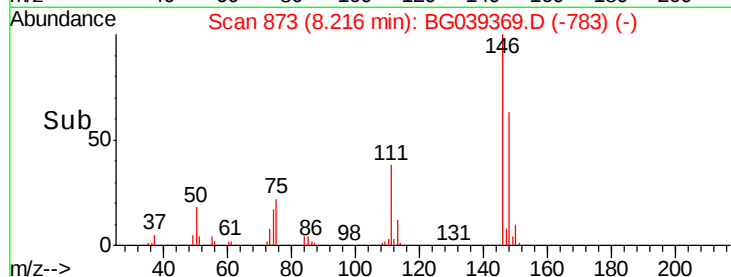
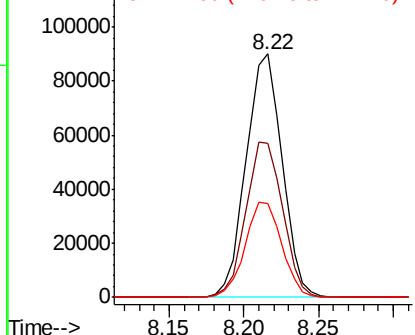
#13
 1,4-Dichlorobenzene
 Concen: 40.425 ng
 RT: 8.22 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

Instrument :
 BNA_G
 ClientSampleId :
 PB116862BS

Tgt Ion:146 Resp: 150119
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.1 76.7
 111 38.4 32.6 48.8

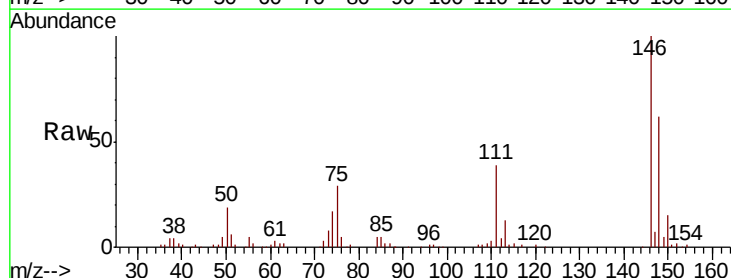


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

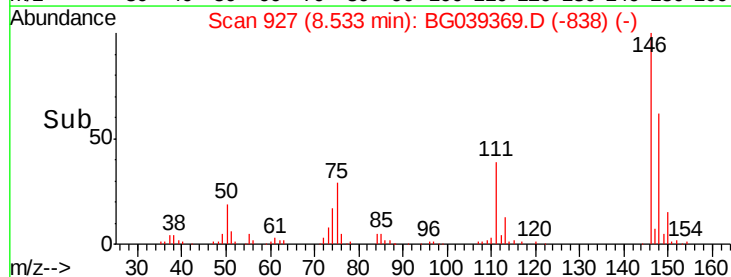
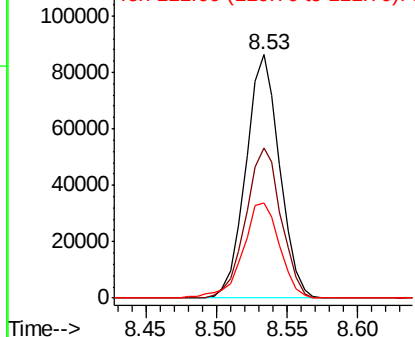


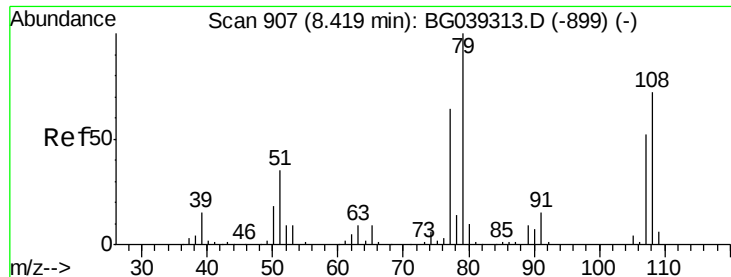
#14
 1,2-Dichlorobenzene
 Concen: 40.149 ng
 RT: 8.53 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

Tgt Ion:146 Resp: 144336
 Ion Ratio Lower Upper
 146 100
 148 61.6 51.5 77.3
 111 39.2 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 40.155 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

ClientSampleId :

PB116862BS

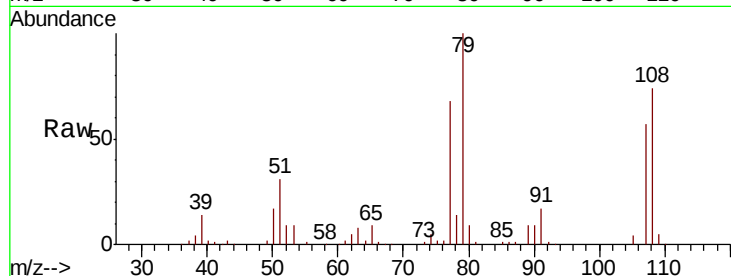
Tgt Ion: 79 Resp: 130562

Ion Ratio Lower Upper

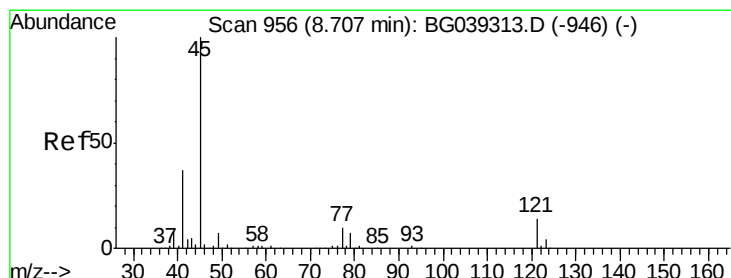
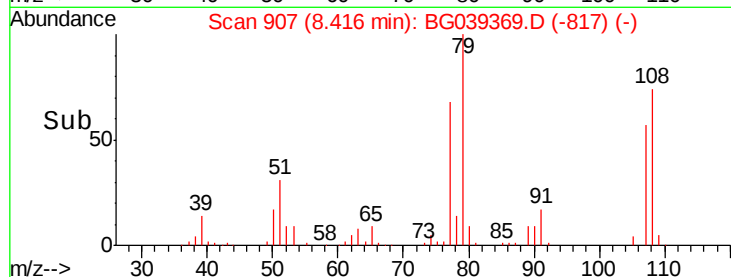
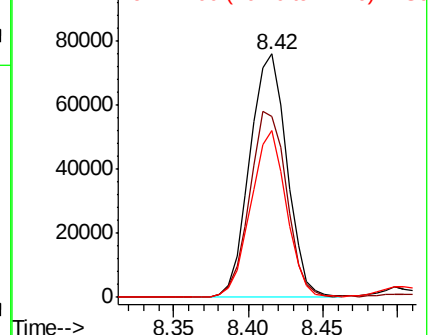
79 100

108 74.2 57.8 86.6

77 68.5 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: 35.280 ng

RT: 8.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

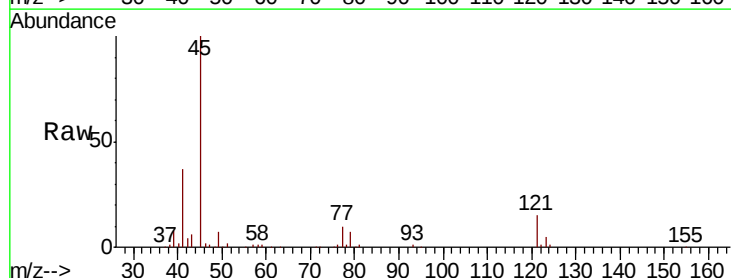
Tgt Ion: 45 Resp: 271792

Ion Ratio Lower Upper

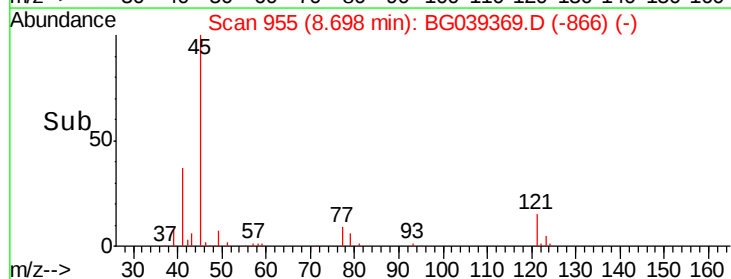
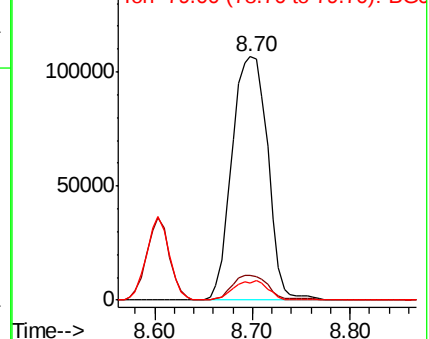
45 100

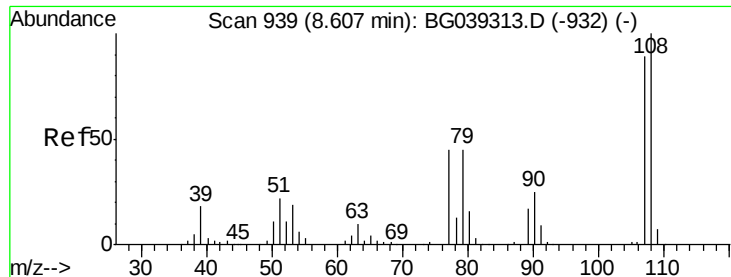
77 10.1 0.0 30.0

79 7.0 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

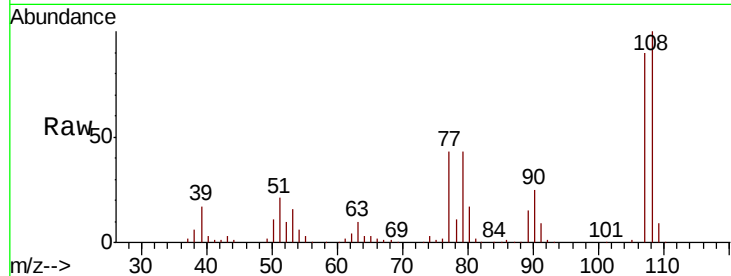




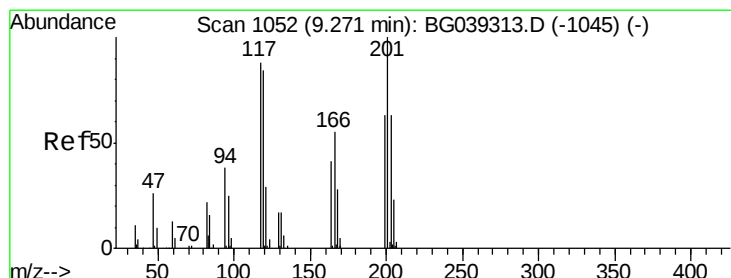
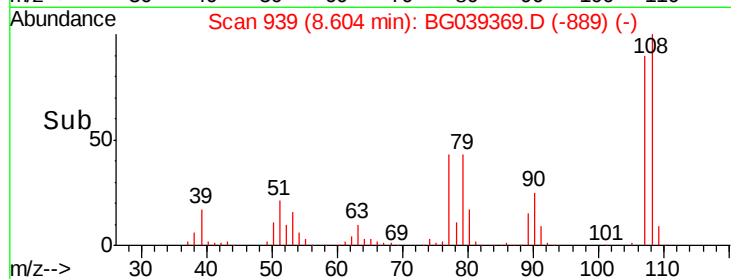
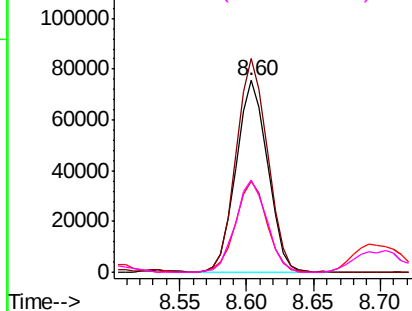
#17
2-Methylphenol
Concen: 44.483 ng
RT: 8.60 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tgt Ion:107 Resp: 124276
Ion Ratio Lower Upper
107 100
108 111.4 90.8 136.2
77 47.6 40.7 61.1
79 48.2 40.6 60.8

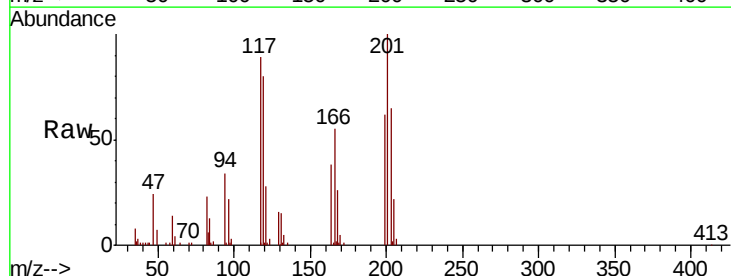


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

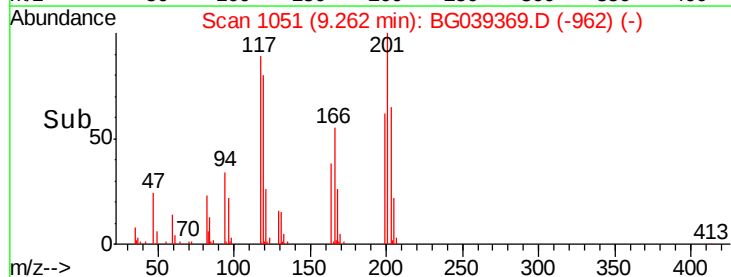
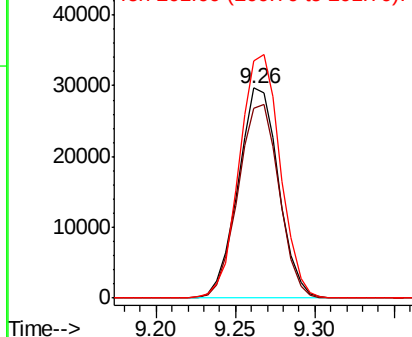


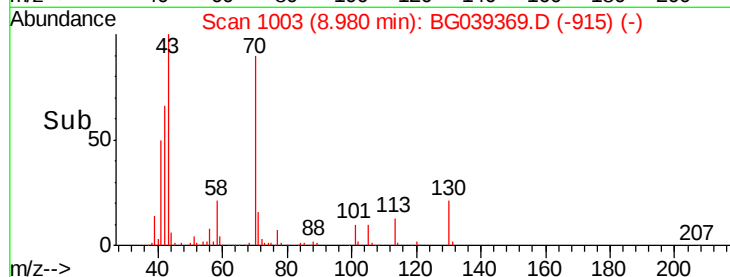
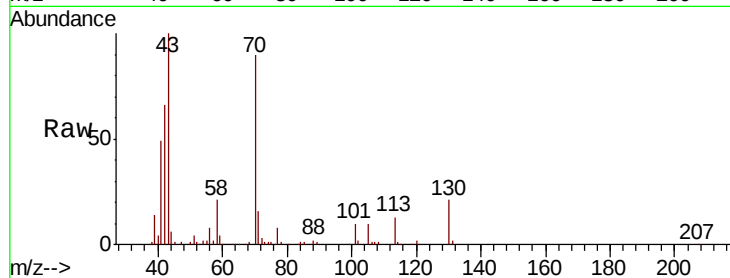
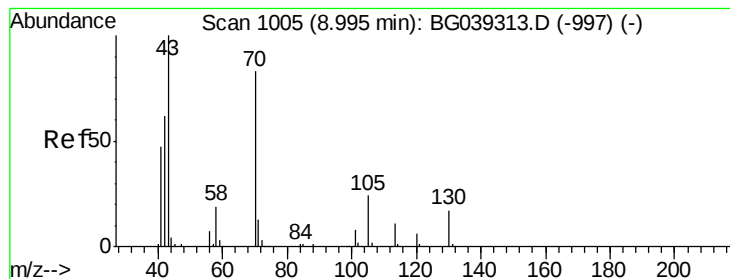
#18
Hexachloroethane
Concen: 41.182 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion:117 Resp: 52615
Ion Ratio Lower Upper
117 100
119 90.3 76.3 114.5
201 112.7 91.1 136.7



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





#19

n-Nitroso-di-n-propylamine

Concen: 36.542 ng

RT: 8.98 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

ClientSampleId :

PB116862BS

Tgt Ion: 70 Resp: 107415

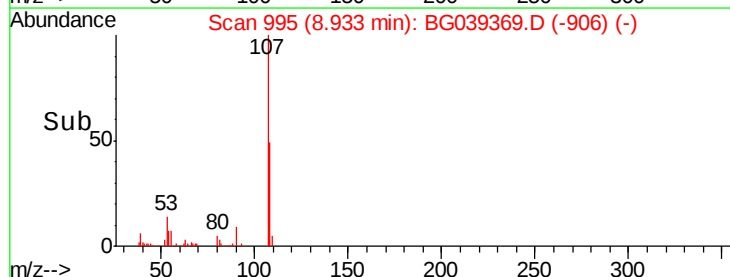
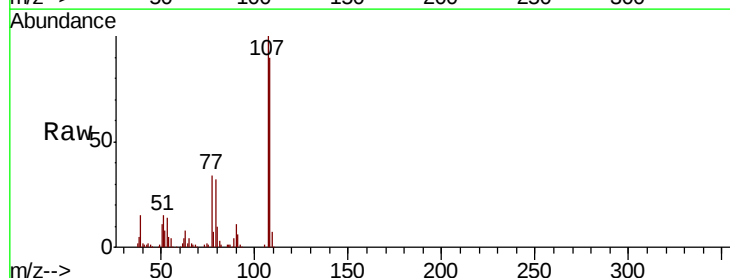
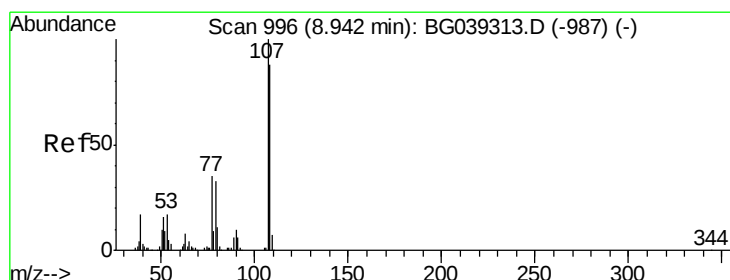
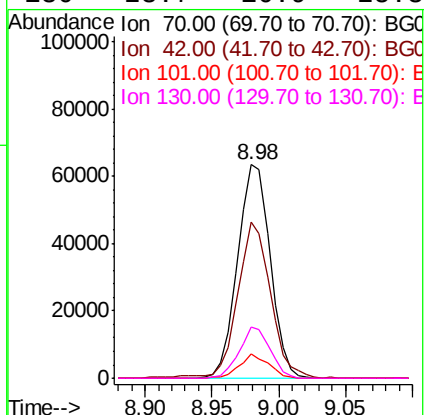
Ion Ratio Lower Upper

70 100

42 73.1 60.4 90.6

101 11.2 7.5 11.3

130 23.7 16.9 25.3



#20

3+4-Methylphenols

Concen: 43.678 ng

RT: 8.93 min Scan# 995

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Tgt Ion: 107 Resp: 168041

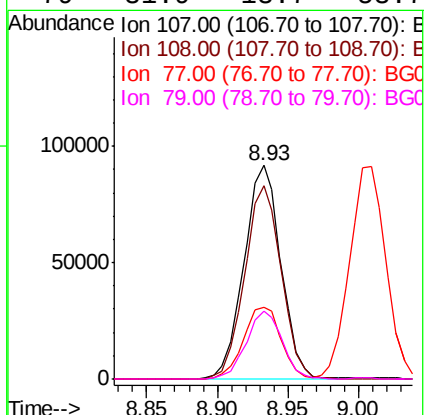
Ion Ratio Lower Upper

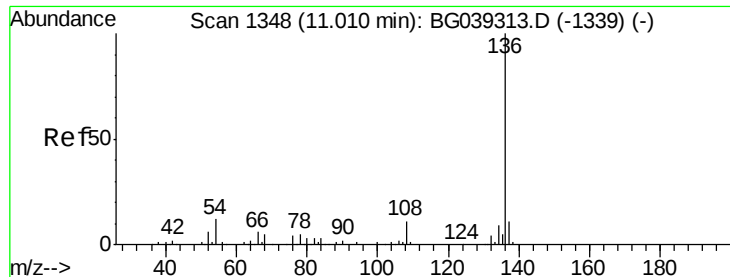
107 100

108 90.5 67.9 107.9

77 33.5 15.4 55.4

79 31.9 13.7 53.7

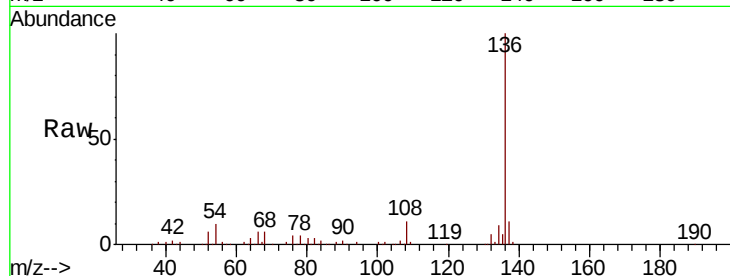




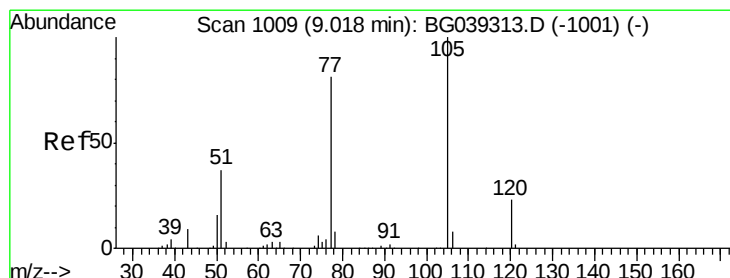
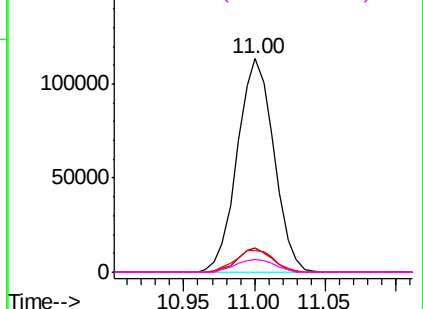
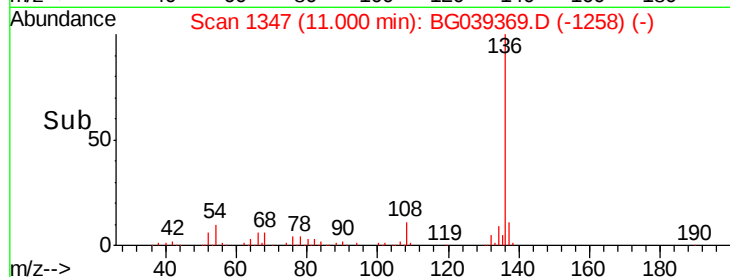
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tgt Ion:	136	Resp:	205480
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.0	9.4	14.2
68	6.3	4.2	6.4

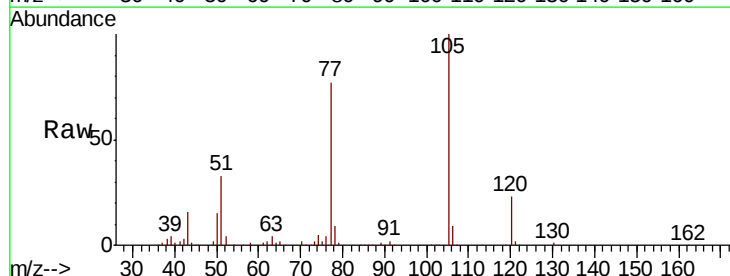


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

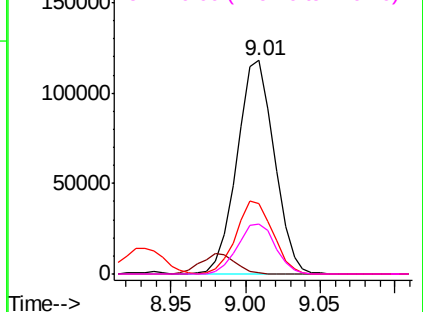
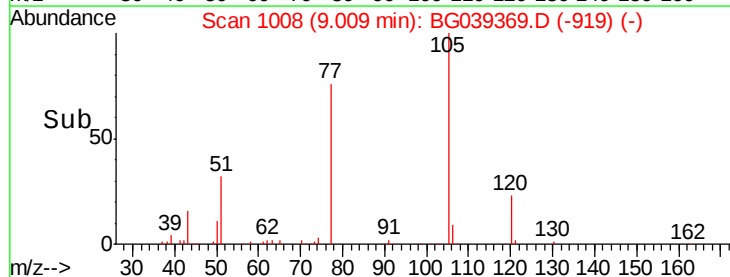


#22
Acetophenone
Concen: 37.206 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion:	105	Resp:	205359
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.8	1.2#
51	33.0	30.2	45.2
120	23.4	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

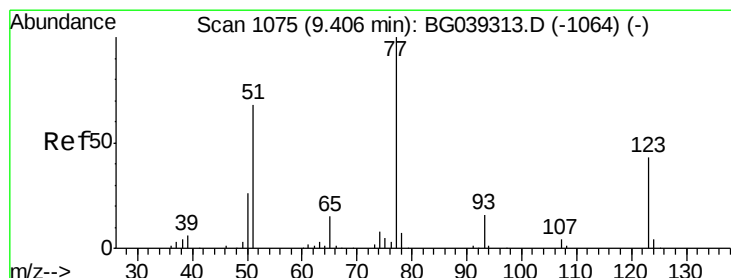
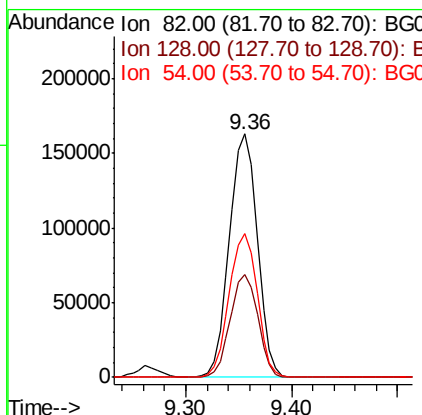
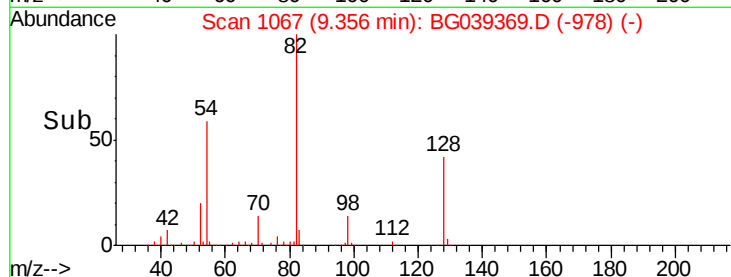
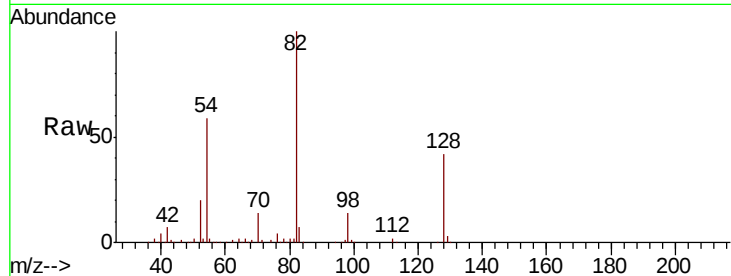




#23
Nitrobenzene-d5
Concen: 90.898 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

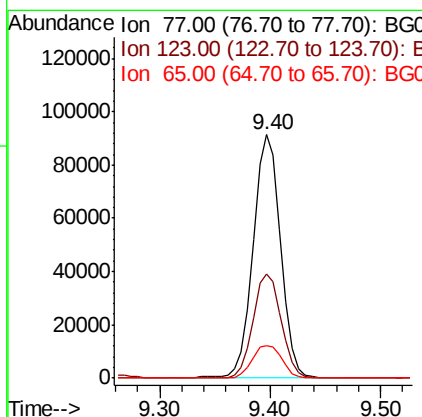
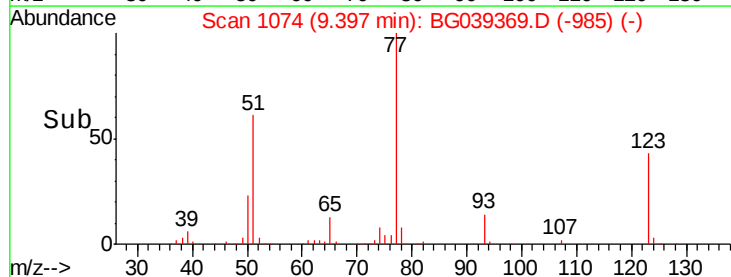
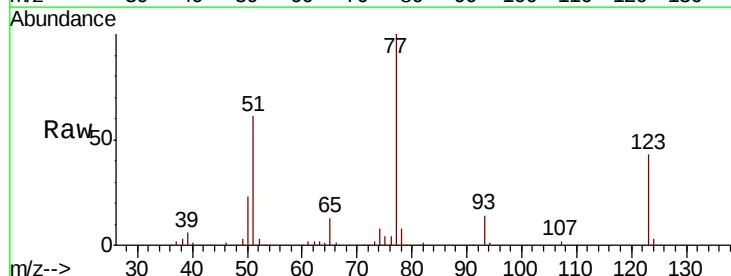
Instrument :
BNA_G
ClientSampleId :
PB116862BS

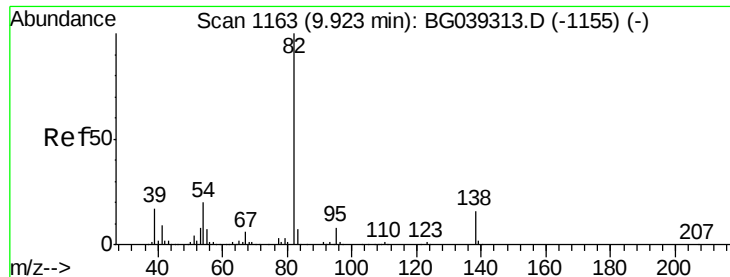
Tgt Ion: 82 Resp: 298980
Ion Ratio Lower Upper
82 100
128 42.4 31.3 46.9
54 58.9 50.9 76.3



#24
Nitrobenzene
Concen: 44.696 ng
RT: 9.40 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion: 77 Resp: 158824
Ion Ratio Lower Upper
77 100
123 42.6 34.1 51.1
65 13.3 12.3 18.5





#25

Isophorone

Concen: 41.369 ng

RT: 9.91 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

ClientSampleId :

PB116862BS

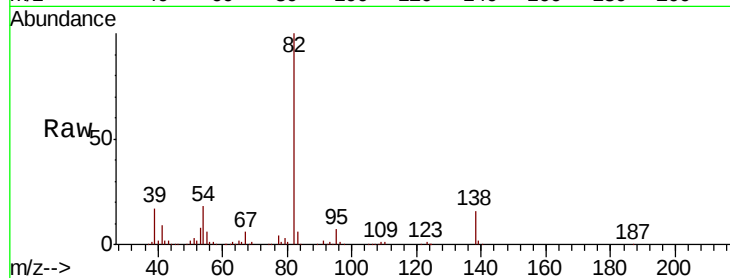
Tgt Ion: 82 Resp: 301528

Ion Ratio Lower Upper

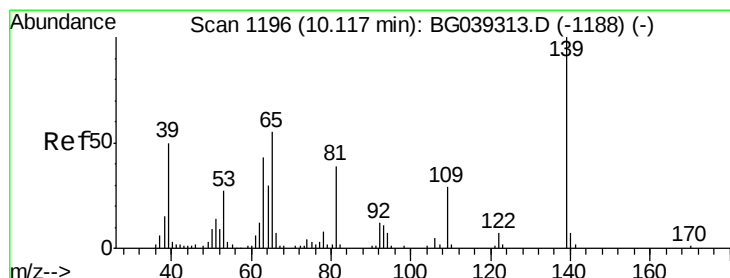
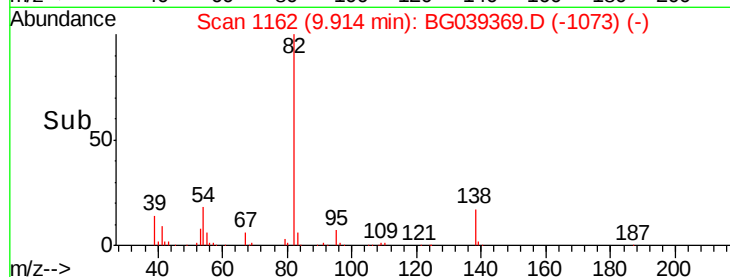
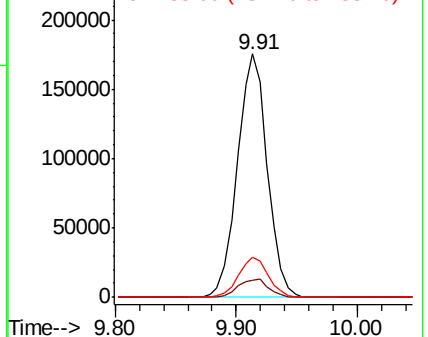
82 100

95 7.2 6.2 9.2

138 16.5 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: 48.677 ng

RT: 10.11 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

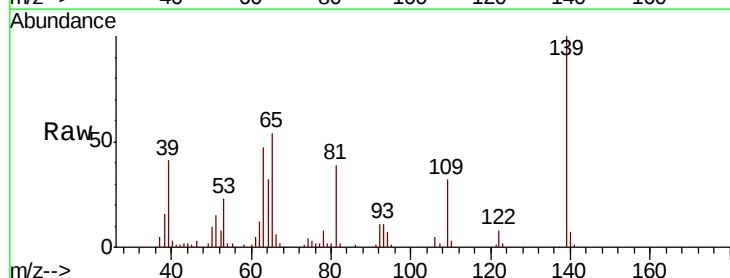
Tgt Ion: 139 Resp: 67970

Ion Ratio Lower Upper

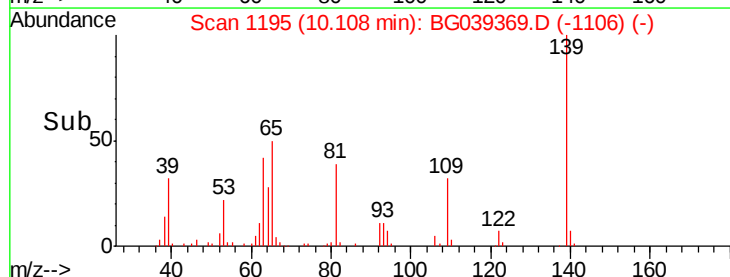
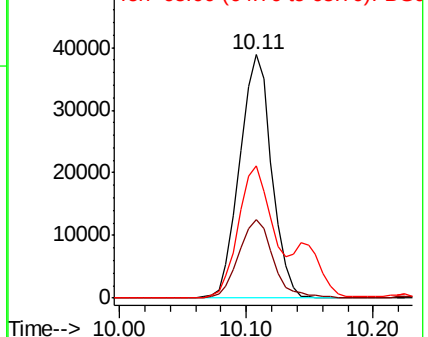
139 100

109 32.0 23.4 35.0

65 54.3 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

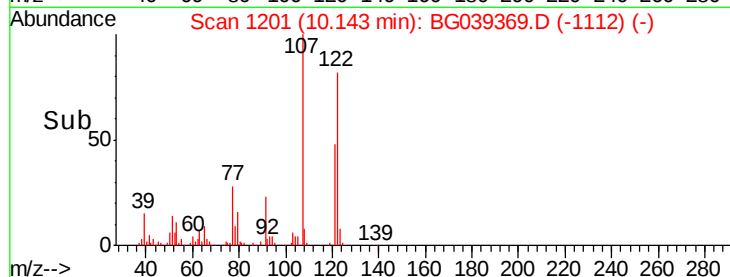
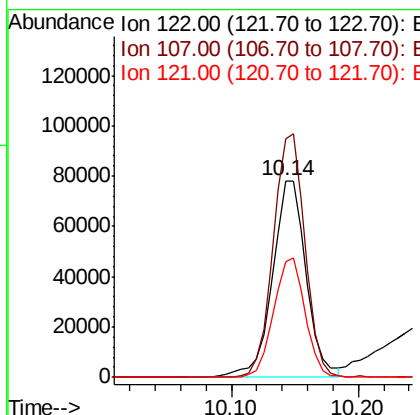
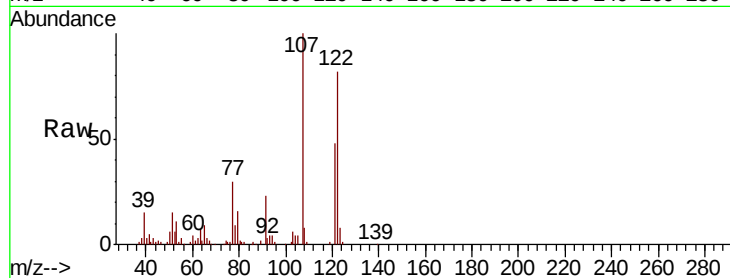




#27
2,4-Dimethylphenol
Concen: 48.966 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

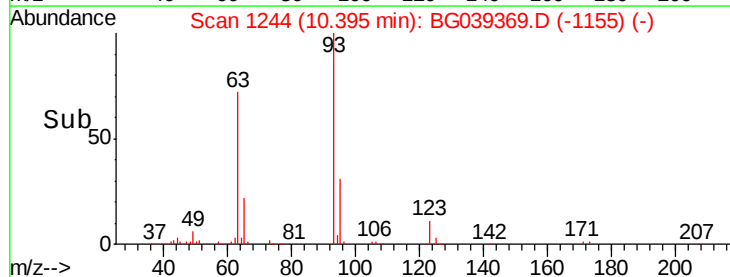
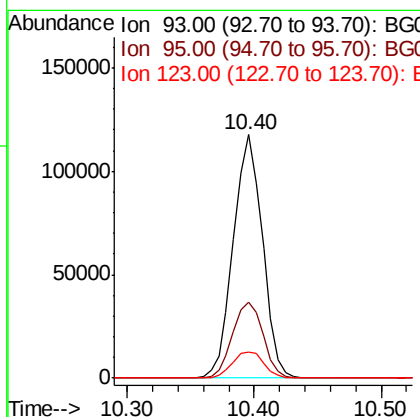
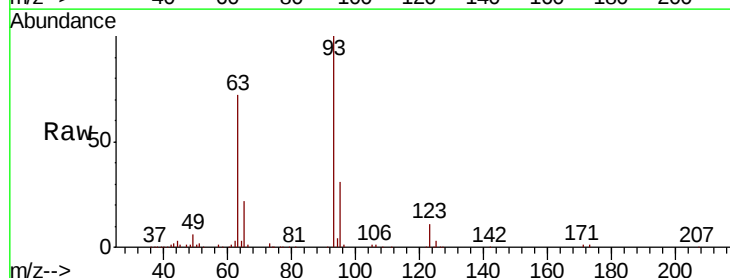
Instrument :
BNA_G
ClientSampleId :
PB116862BS

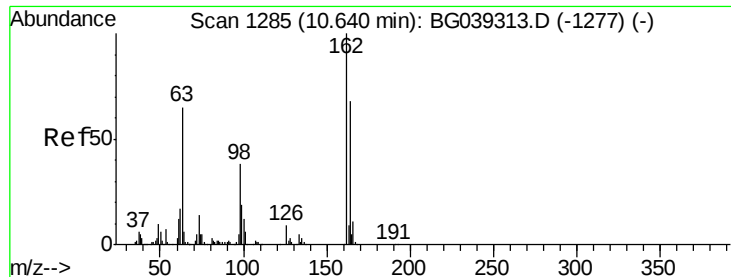
Tgt Ion:122 Resp: 144376
Ion Ratio Lower Upper
122 100
107 121.5 91.7 137.5
121 58.9 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.617 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion: 93 Resp: 186837
Ion Ratio Lower Upper
93 100
95 31.4 25.0 37.4
123 10.5 8.6 12.8

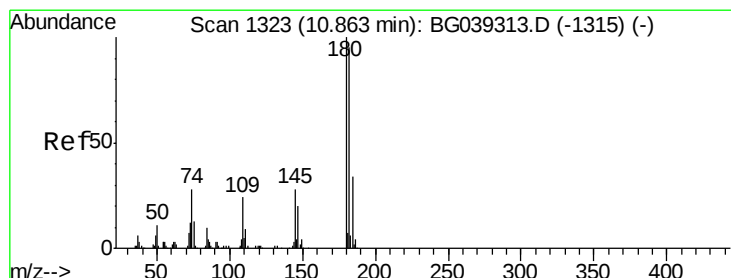
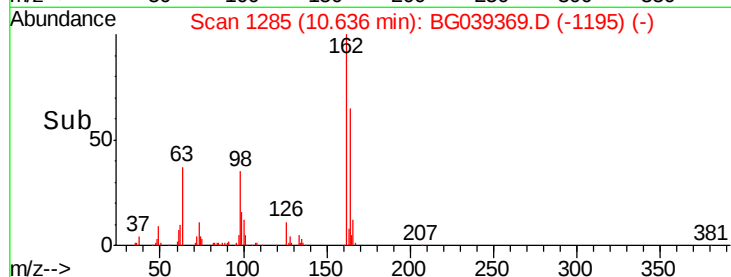
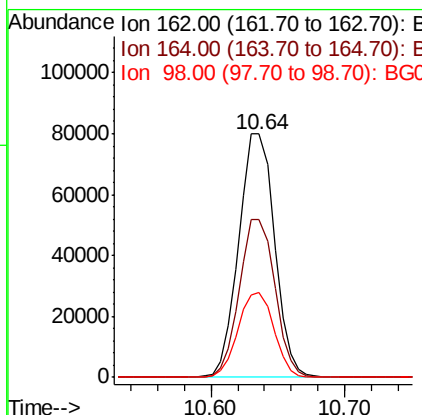
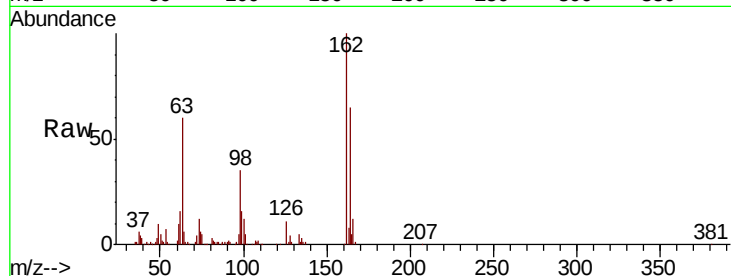




#29
2,4-Dichlorophenol
Concen: 46.200 ng
RT: 10.64 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

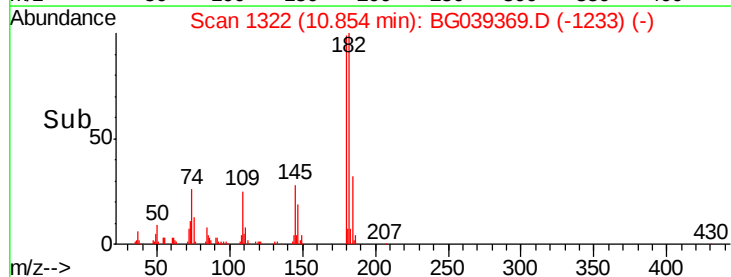
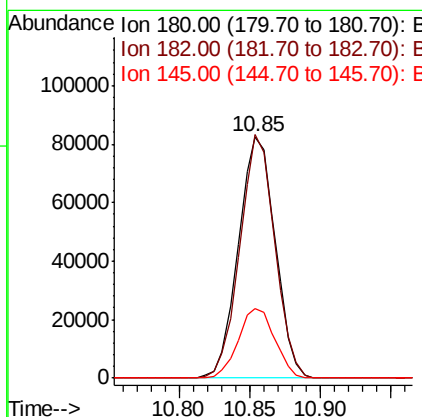
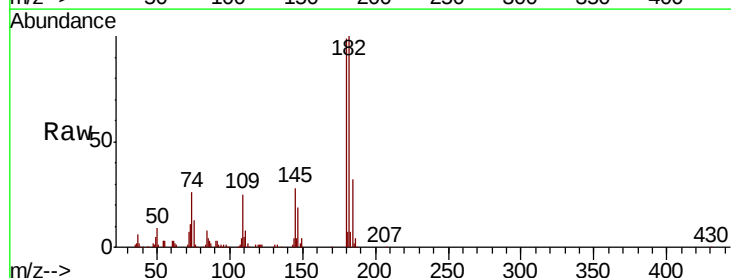
Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	48.1	88.1
98	34.9	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 41.178 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.0	76.0	114.0
145	28.7	22.7	34.1

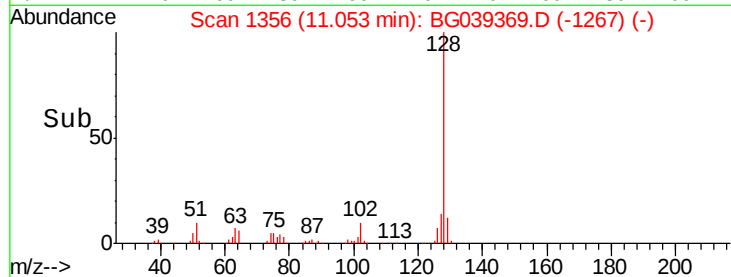
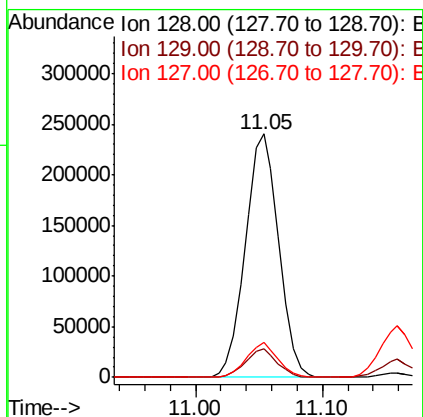
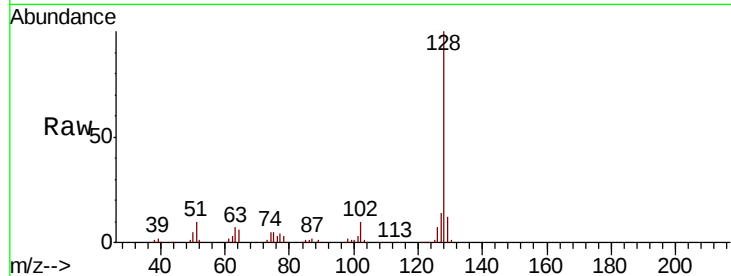




#31
Naphthalene
Concen: 42.880 ng
RT: 11.05 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

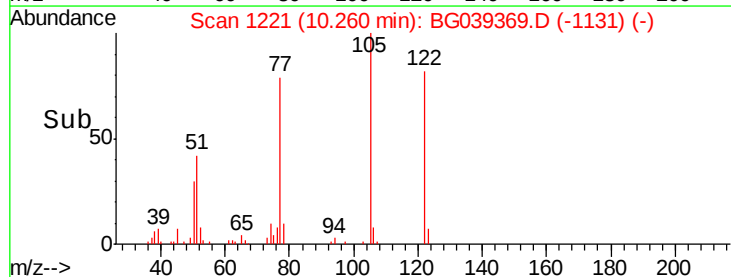
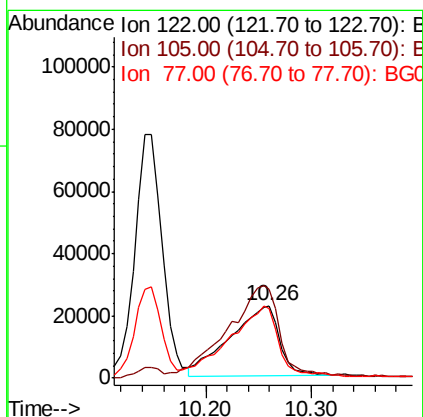
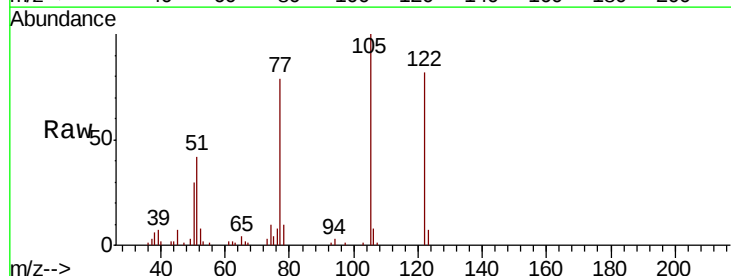
Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tgt Ion:128 Resp: 437110
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 14.2 10.8 16.2



#32
Benzoic acid
Concen: 40.439 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion:122 Resp: 74698
Ion Ratio Lower Upper
122 100
105 122.1 101.8 141.8
77 96.1 76.3 116.3

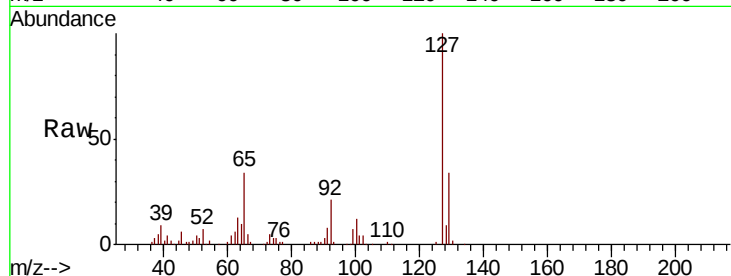




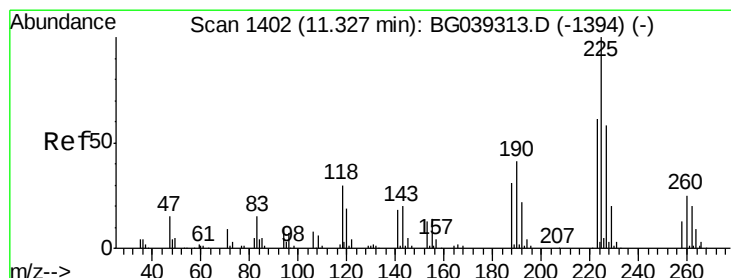
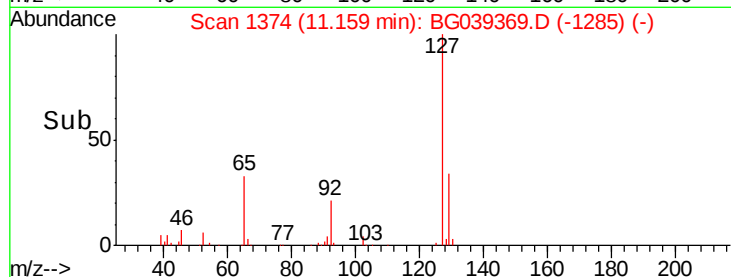
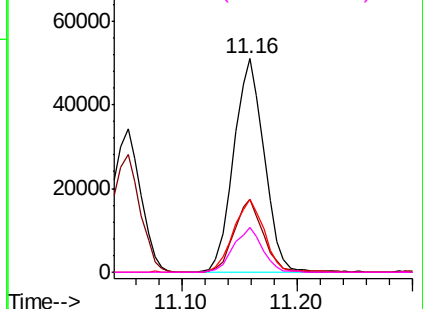
#33
4-Chloroaniline
Concen: 19.699 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tgt Ion:	127	Resp:	93109
Ion	Ratio	Lower	Upper
127	100		
129	34.4	27.0	40.4
65	33.9	28.8	43.2
92	21.1	16.6	25.0

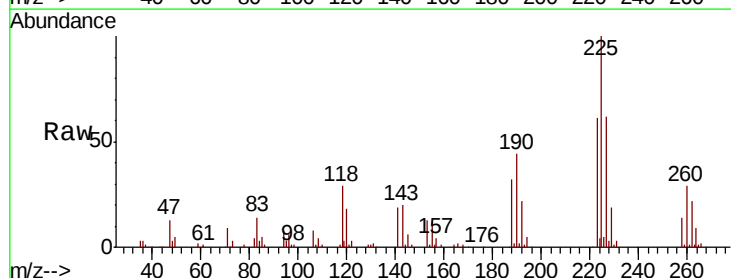


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

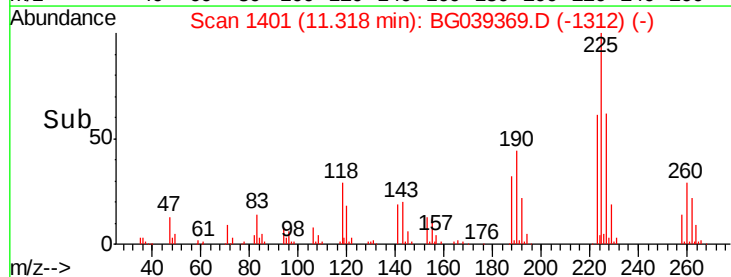
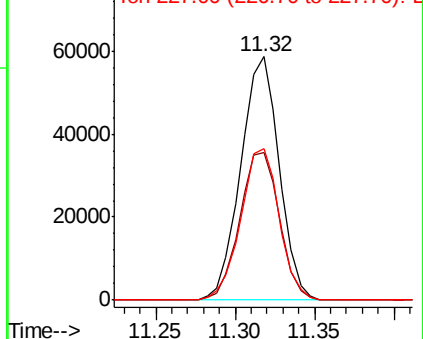


#34
Hexachlorobutadiene
Concen: 40.981 ng
RT: 11.32 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion:	225	Resp:	98602
Ion	Ratio	Lower	Upper
225	100		
223	60.9	49.0	73.6
227	62.4	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: 23.213 ng

RT: 11.93 min Scan# 1506

Delta R.T. -0.03 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

ClientSampleId :

PB116862BS

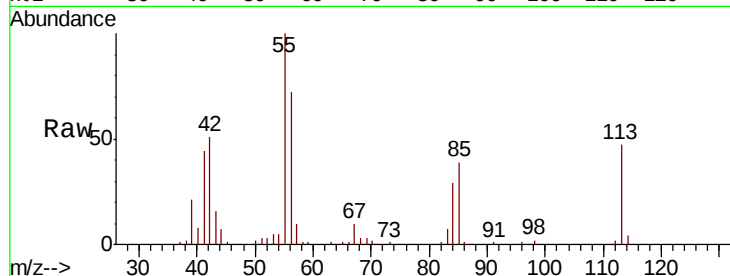
Tgt Ion:113 Resp: 30955

Ion Ratio Lower Upper

113 100

55 212.2 216.9 256.9#

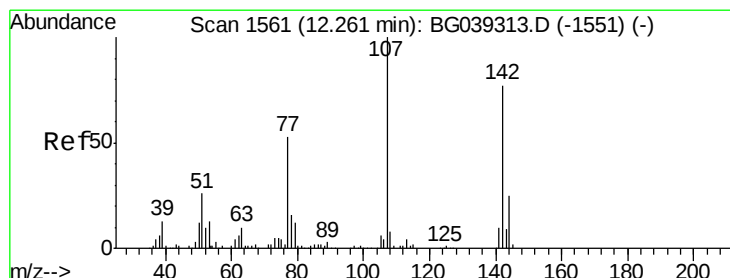
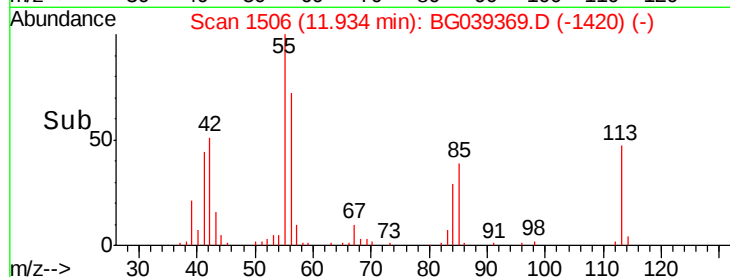
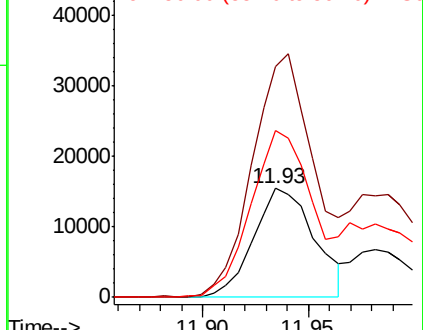
56 153.5 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.171 ng

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

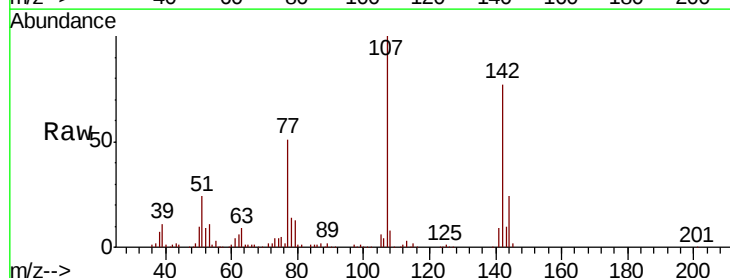
Tgt Ion:107 Resp: 157165

Ion Ratio Lower Upper

107 100

144 24.3 20.2 30.2

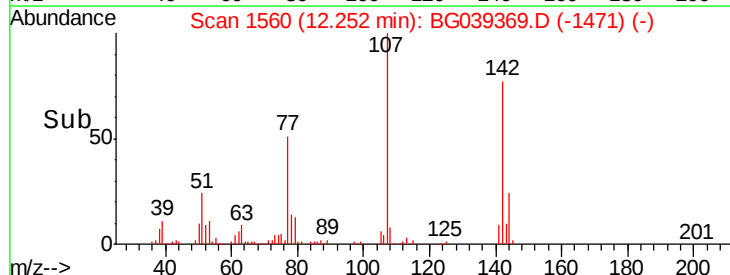
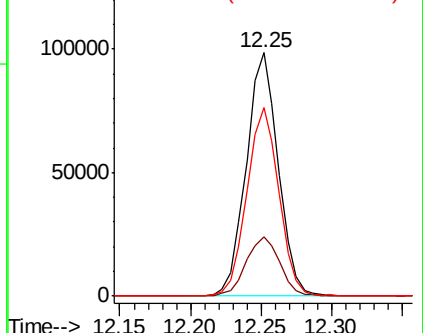
142 77.4 61.4 92.2

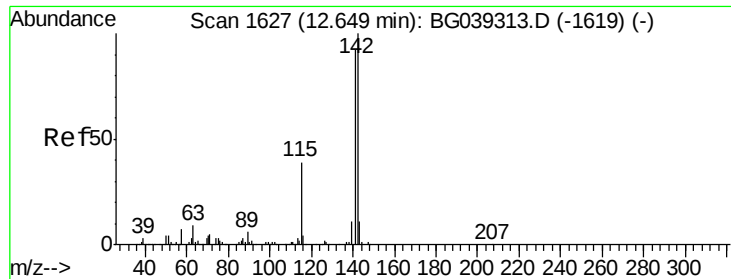


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

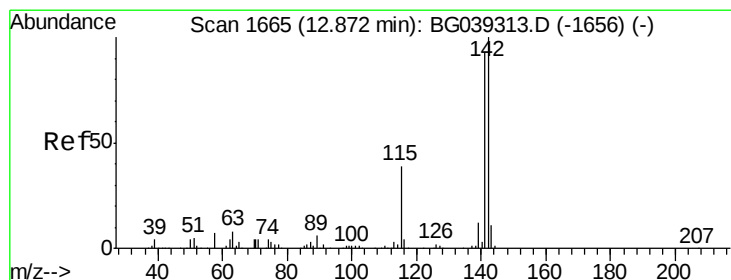
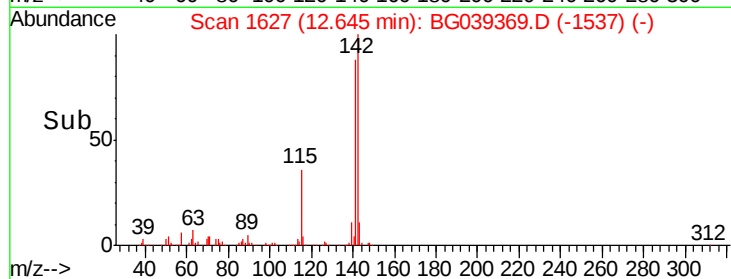
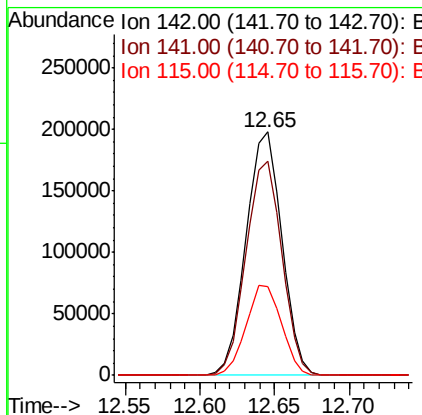
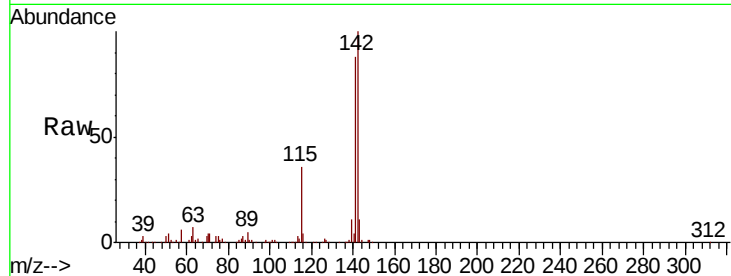




#37
2-Methylnaphthalene
Concen: 43.445 ng
RT: 12.65 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

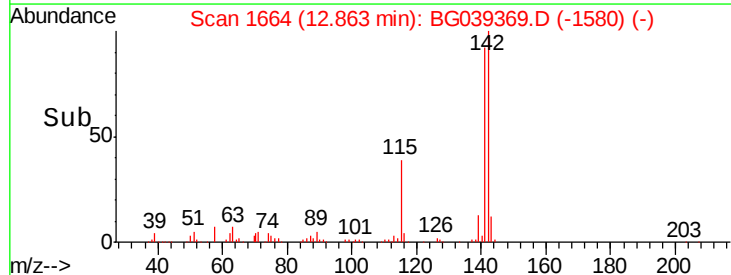
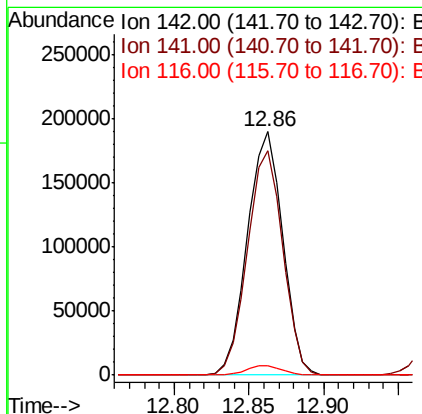
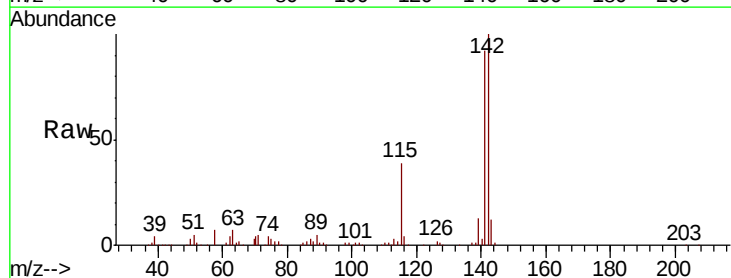
Instrument :
BNA_G
ClientSampleId :
PB116862BS

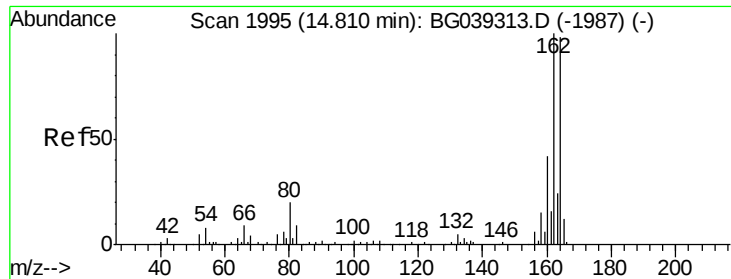
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.9	73.5	110.3
115	36.5	30.8	46.2



#38
1-Methylnaphthalene
Concen: 42.535 ng
RT: 12.86 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.2	111.4
116	3.8	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

ClientSampleId :

PB116862BS

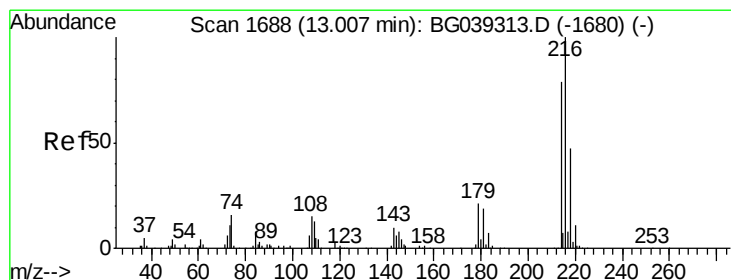
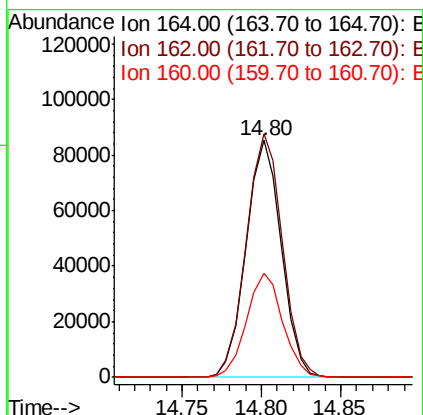
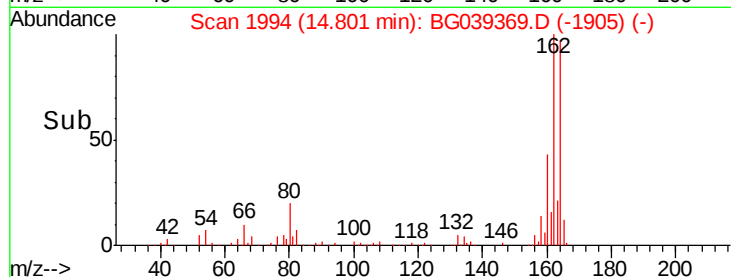
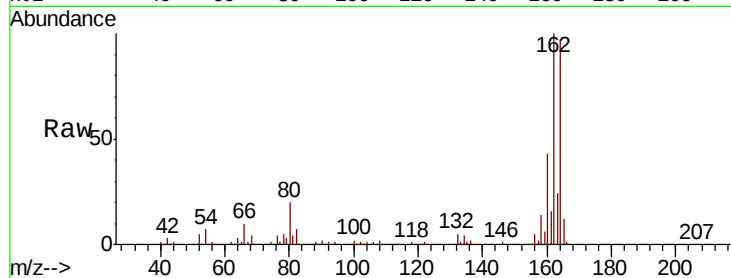
Tgt Ion:164 Resp: 131446

Ion Ratio Lower Upper

164 100

162 102.9 81.6 122.4

160 43.8 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.728 ng

RT: 13.00 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Tgt Ion:216 Resp: 178700

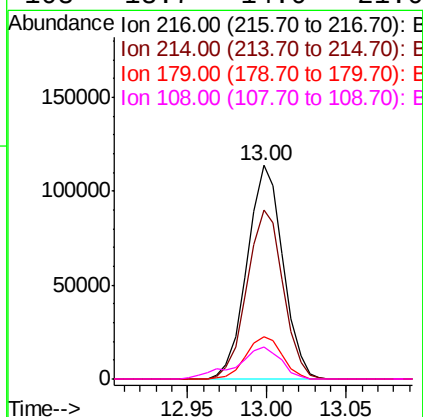
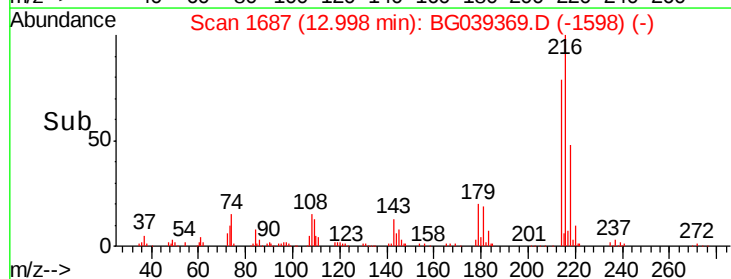
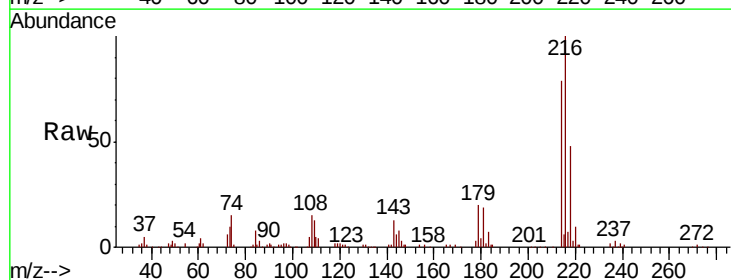
Ion Ratio Lower Upper

216 100

214 79.5 62.6 94.0

179 20.0 16.6 25.0

108 18.7 14.0 21.0





#41

Hexachlorocyclopentadiene

Concen: 102.827 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

ClientSampleId :

PB116862BS

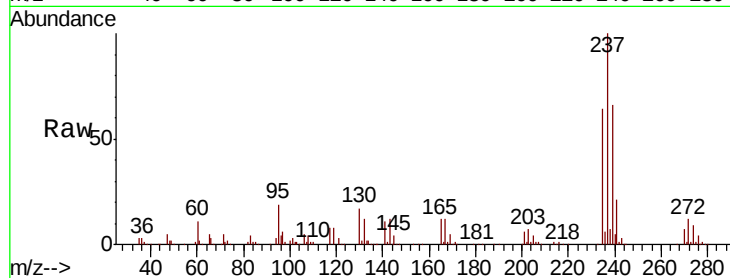
Tgt Ion: 237 Resp: 234338

Ion Ratio Lower Upper

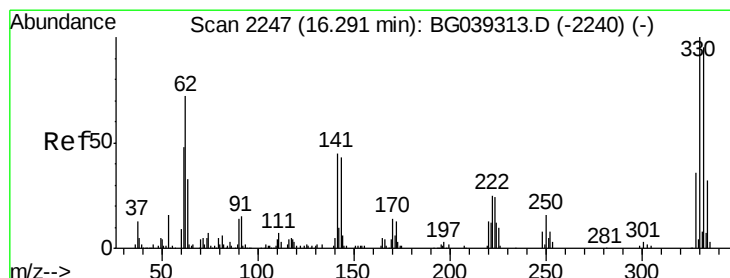
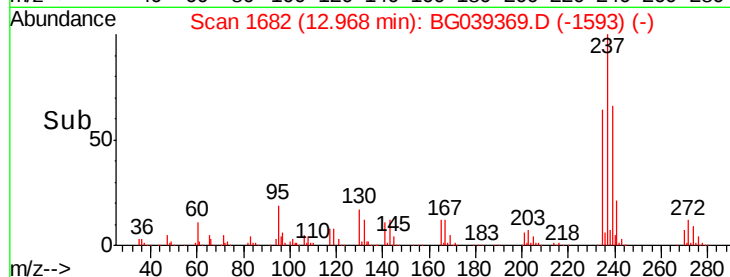
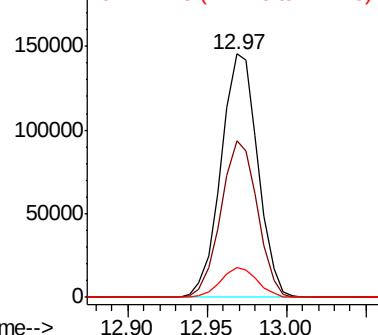
237 100

235 64.3 43.3 83.3

272 12.3 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 161.364 ng

RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

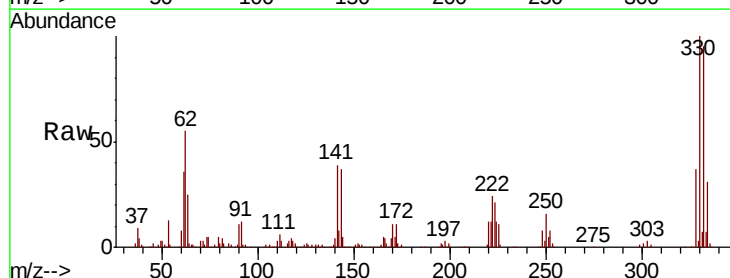
Tgt Ion: 330 Resp: 228402

Ion Ratio Lower Upper

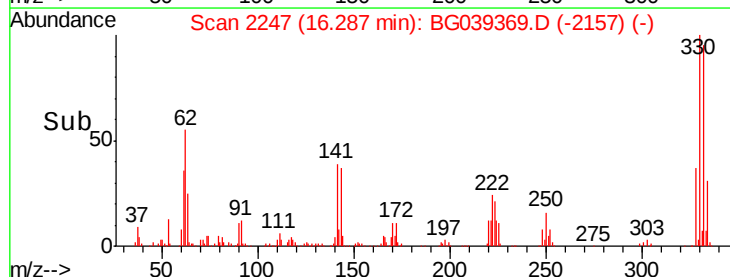
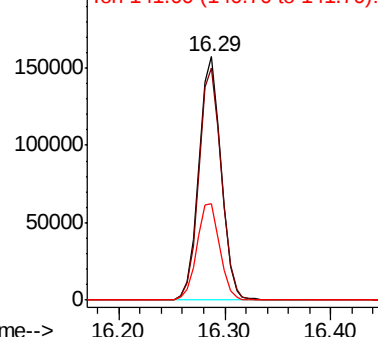
330 100

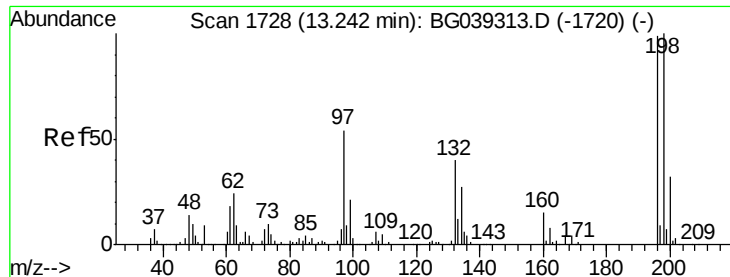
332 96.1 75.7 113.5

141 41.0 35.6 53.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

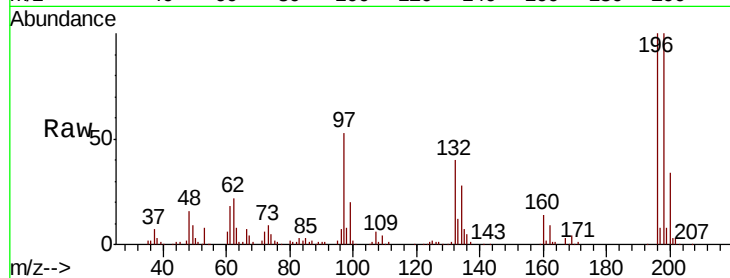




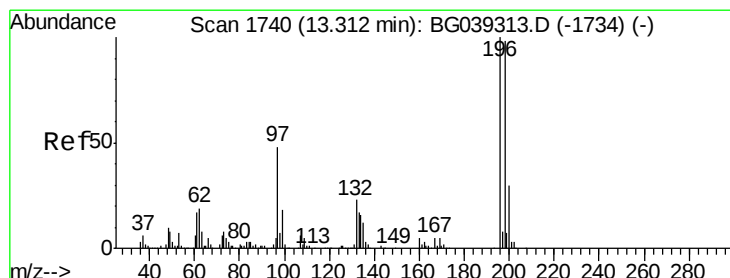
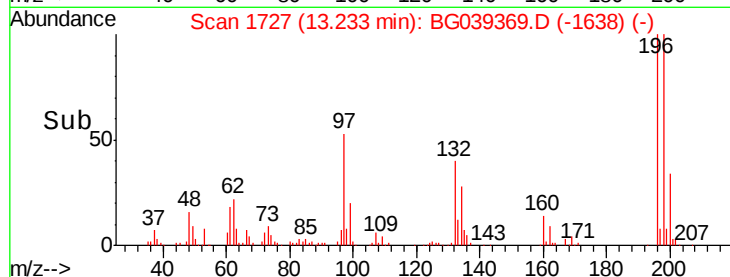
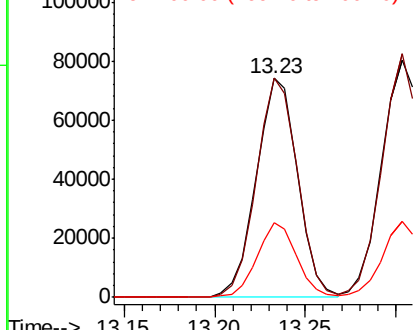
#43
 2,4,6-Trichlorophenol
 Concen: 45.781 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

Instrument :
 BNA_G
 ClientSampleID :
 PB116862BS

Tgt Ion:196 Resp: 117725
 Ion Ratio Lower Upper
 196 100
 198 100.2 80.6 121.0
 200 34.0 26.1 39.1

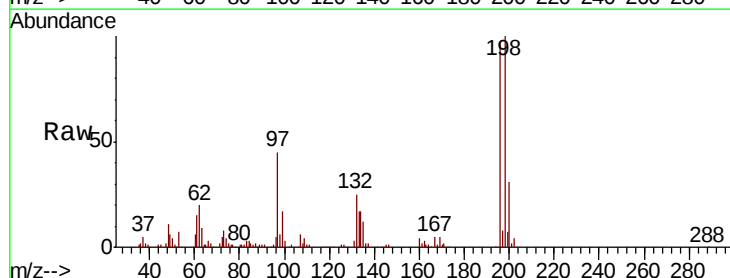


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

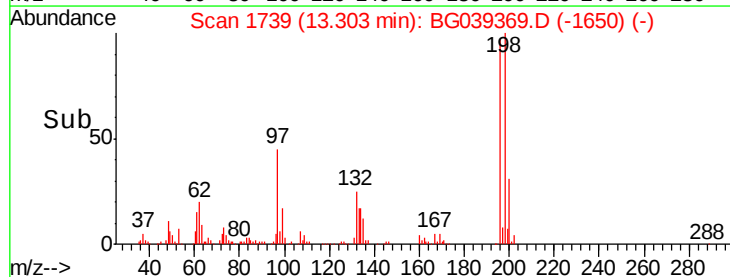
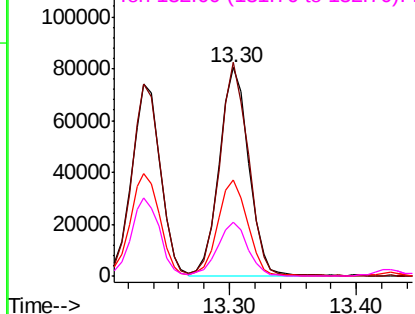


#44
 2,4,5-Trichlorophenol
 Concen: 48.273 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

Tgt Ion:196 Resp: 130100
 Ion Ratio Lower Upper
 196 100
 198 102.7 78.5 117.7
 97 46.0 38.4 57.6
 132 26.0 19.2 28.8



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

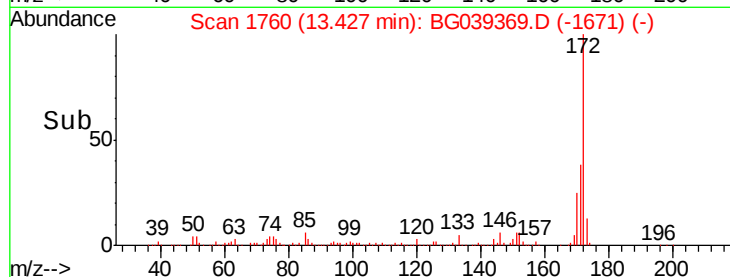
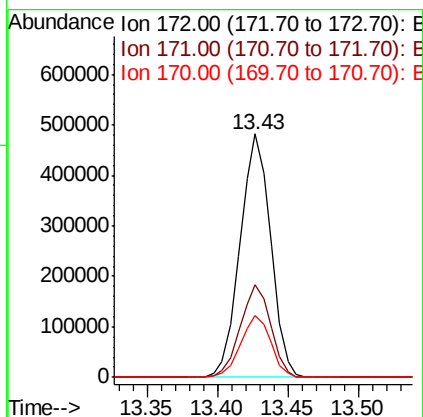
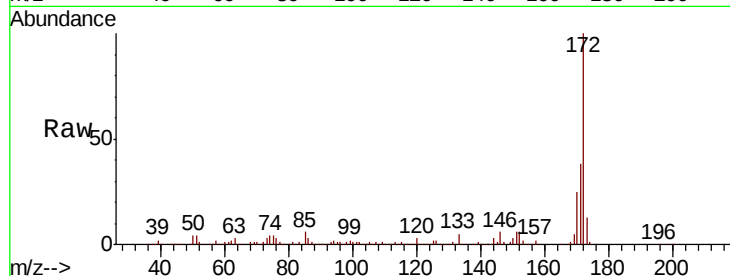




#45
2-Fluorobiphenyl
Concen: 79.603 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

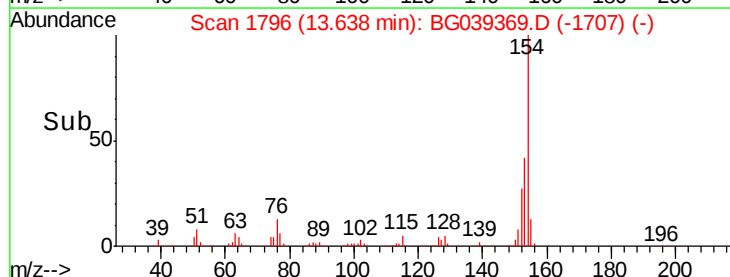
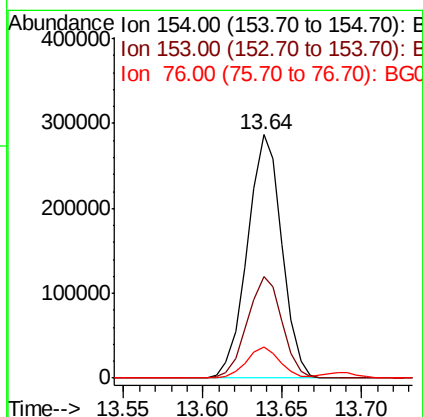
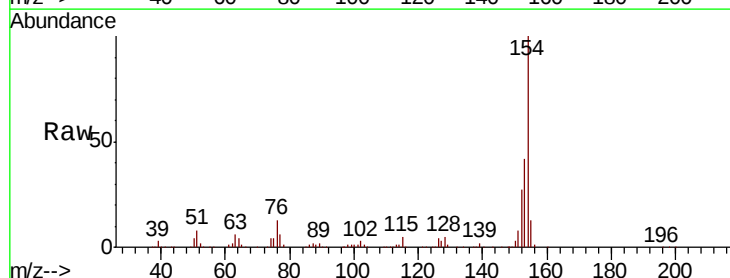
Instrument :
BNA_G
ClientSampleId :
PB116862BS

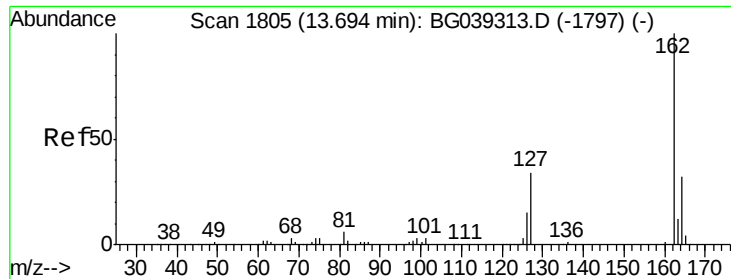
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.8	46.2
170	25.2	20.2	30.4



#46
1,1'-Biphenyl
Concen: 39.536 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.1	62.1
76	12.7	0.0	32.4

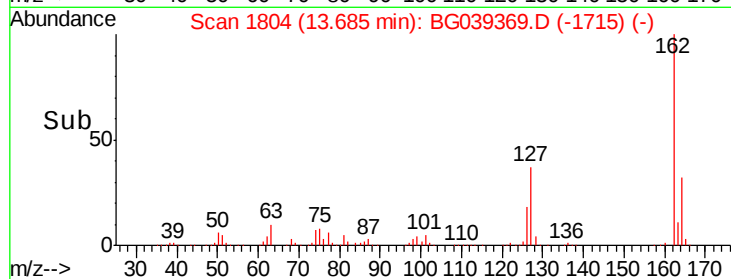
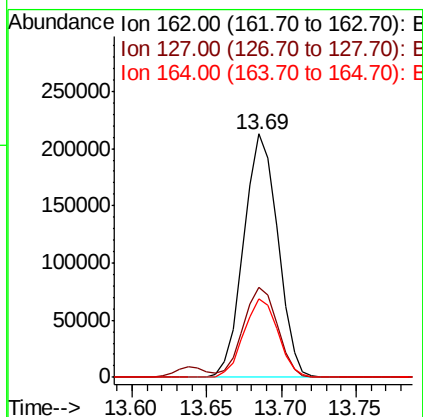
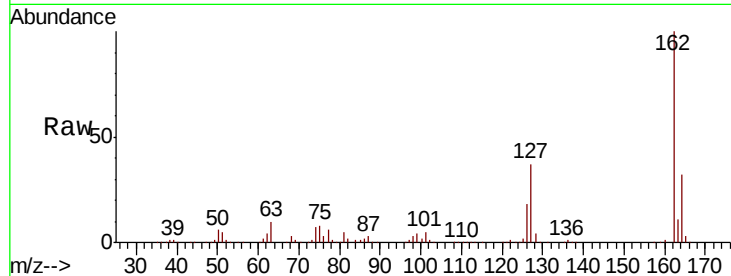




#47
 2-Chloronaphthalene
 Concen: 40.858 ng
 RT: 13.69 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

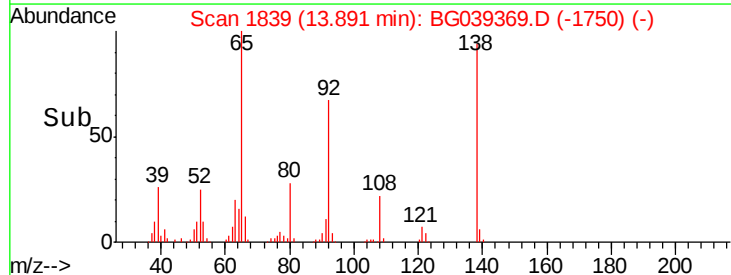
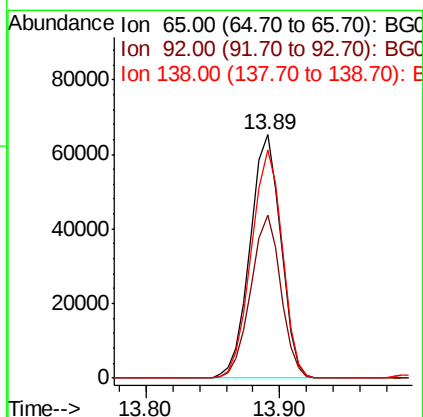
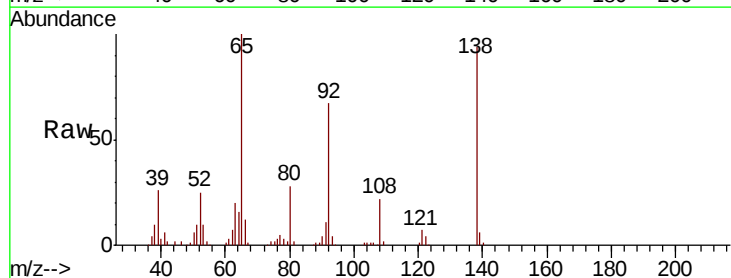
Instrument :
 BNA_G
 ClientSampleId :
 PB116862BS

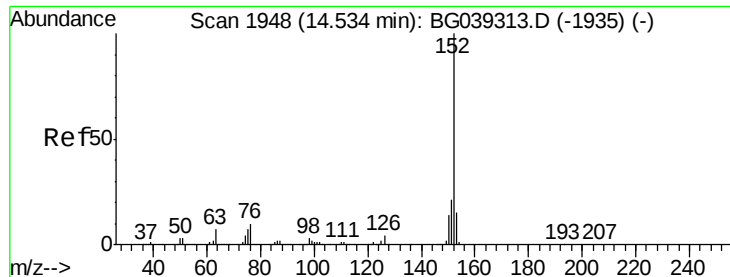
Tgt Ion: 162 Resp: 336152
 Ion Ratio Lower Upper
 162 100
 127 37.1 31.0 46.6
 164 32.4 25.7 38.5



#48
 2-Nitroaniline
 Concen: 44.621 ng
 RT: 13.89 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

Tgt Ion: 65 Resp: 103791
 Ion Ratio Lower Upper
 65 100
 92 67.1 51.4 77.2
 138 93.8 71.4 107.2





#49

Acenaphthylene

Concen: 42.886 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

ClientSampleId :

PB116862BS

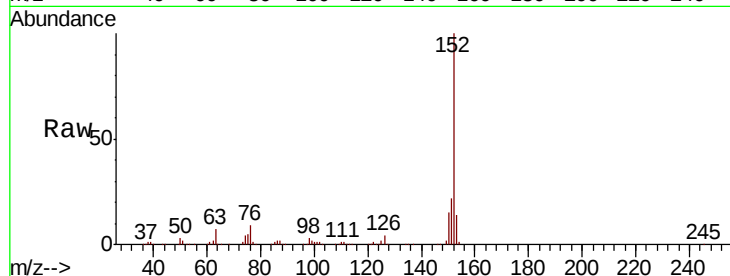
Tgt Ion:152 Resp: 532408

Ion Ratio Lower Upper

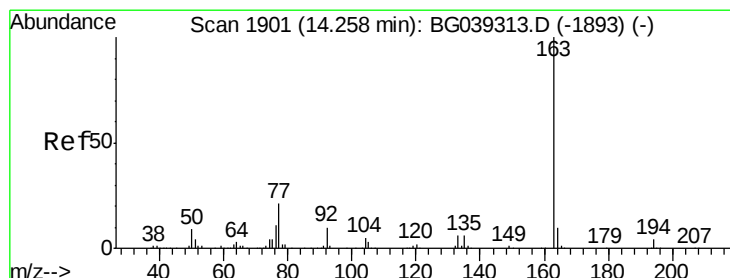
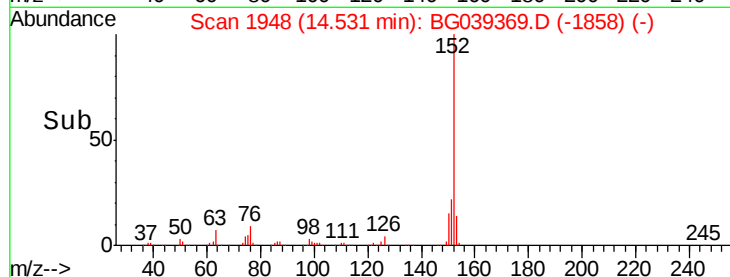
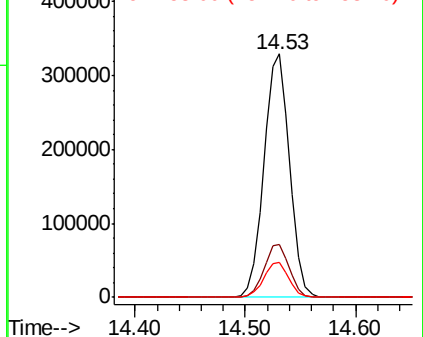
152 100

151 21.7 16.8 25.2

153 14.3 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: 40.327 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

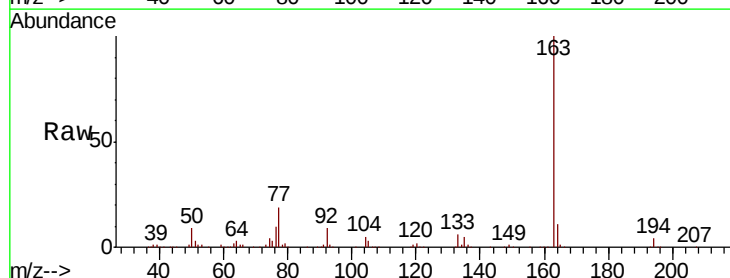
Tgt Ion:163 Resp: 428112

Ion Ratio Lower Upper

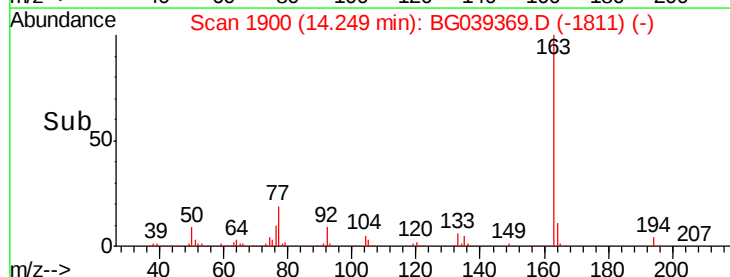
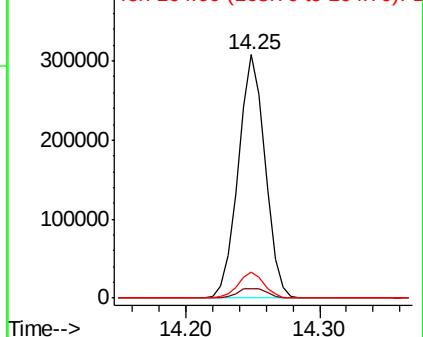
163 100

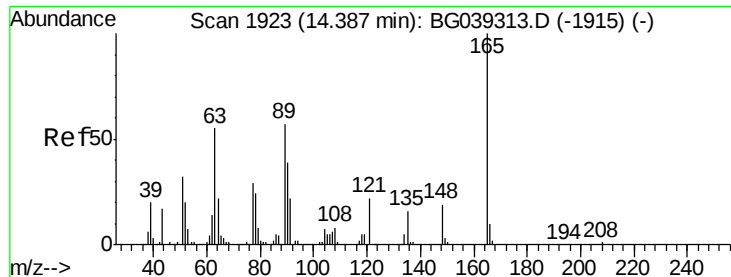
194 4.1 3.6 5.4

164 10.8 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

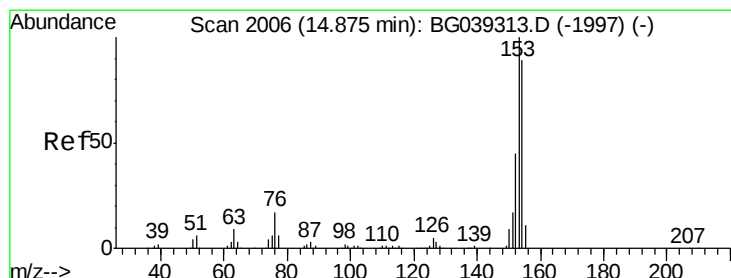
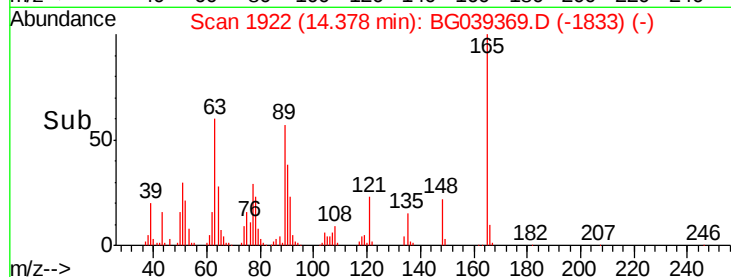
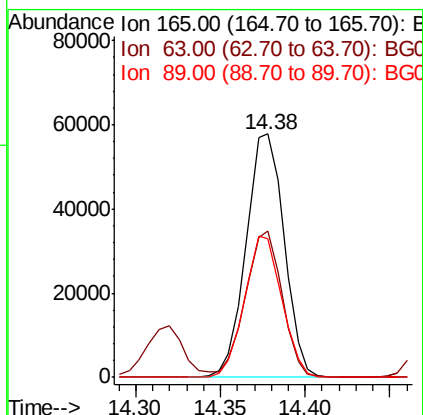
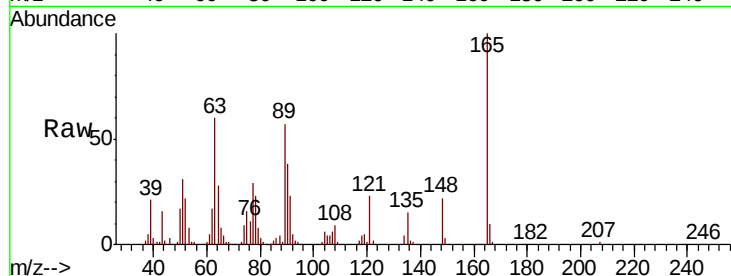




#51
 2,6-Dinitrotoluene
 Concen: 46.012 ng
 RT: 14.38 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

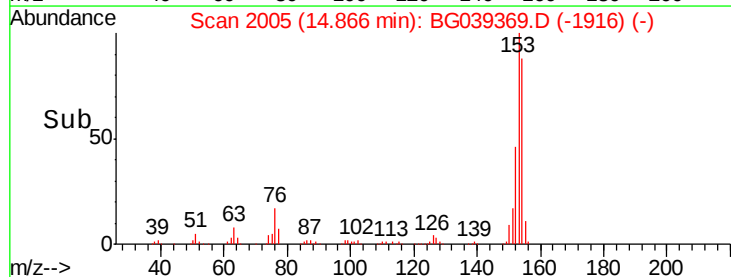
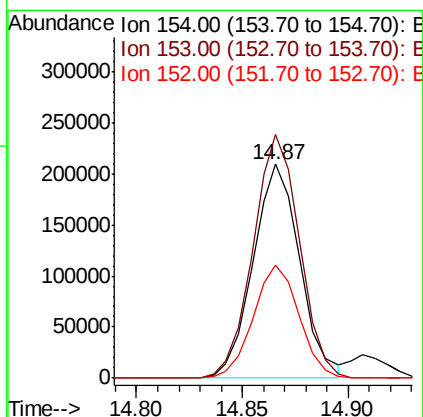
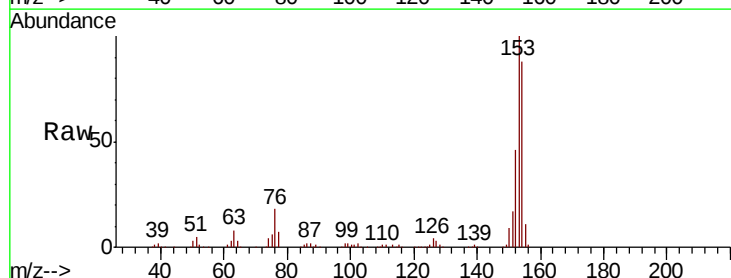
Instrument :
 BNA_G
 ClientSampleId :
 PB116862BS

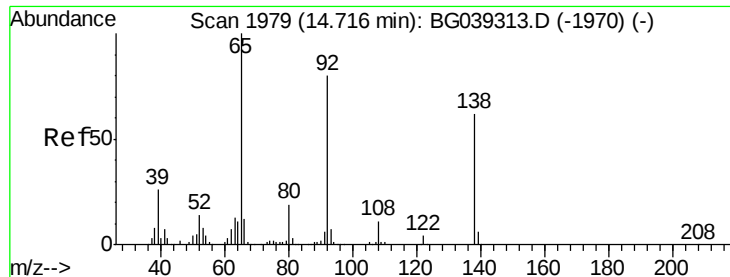
Tgt Ion:165 Resp: 90669
 Ion Ratio Lower Upper
 165 100
 63 60.2 47.0 70.6
 89 56.8 45.8 68.8



#52
 Acenaphthene
 Concen: 39.998 ng
 RT: 14.87 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

Tgt Ion:154 Resp: 322320
 Ion Ratio Lower Upper
 154 100
 153 113.9 90.1 135.1
 152 52.8 40.9 61.3

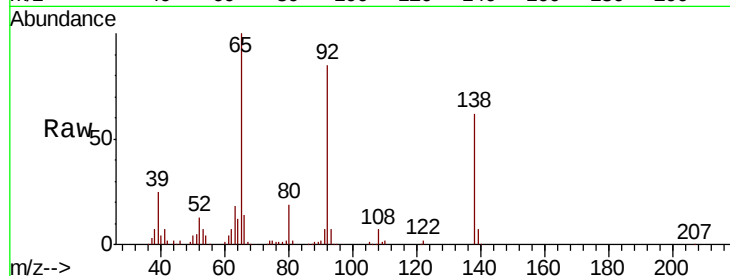




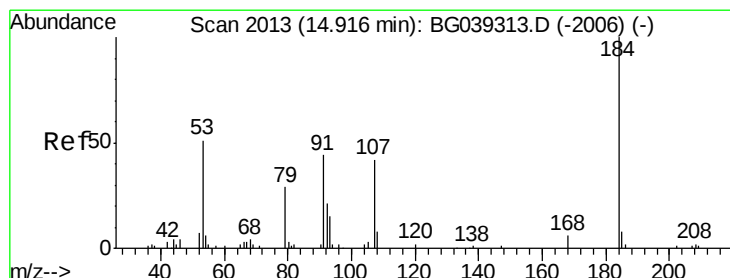
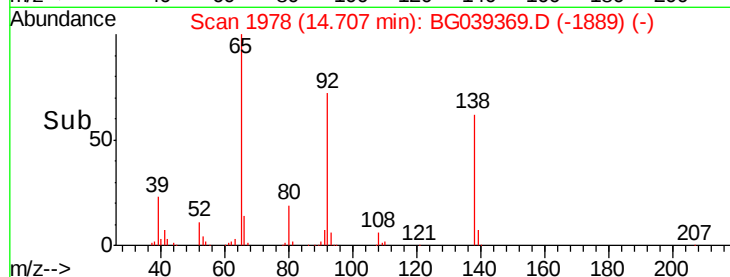
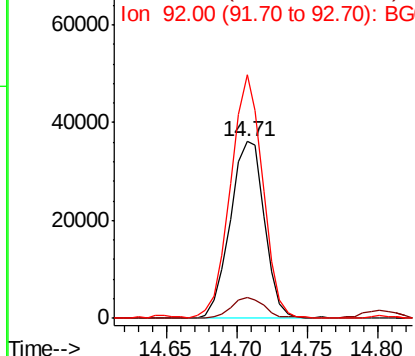
#53
3-Nitroaniline
Concen: 30.859 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tgt Ion:138 Resp: 61028
Ion Ratio Lower Upper
138 100
108 11.9 13.8 20.8#
92 137.8 103.7 155.5

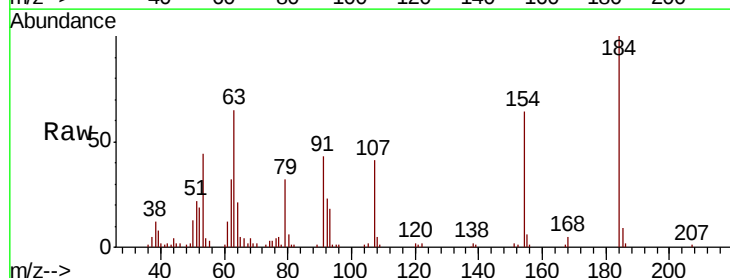


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

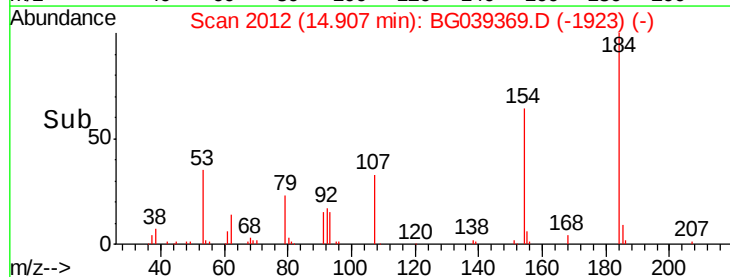
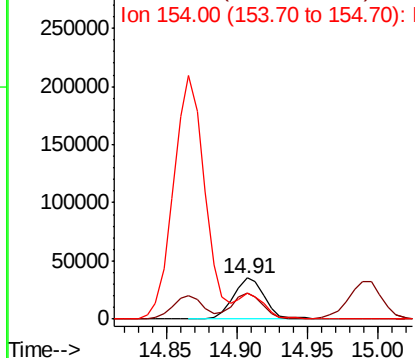


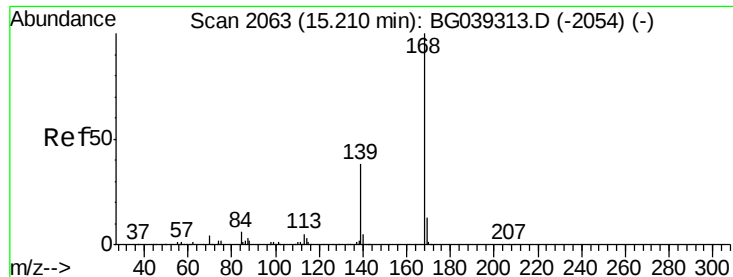
#54
2,4-Dinitrophenol
Concen: 68.037 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion:184 Resp: 55303
Ion Ratio Lower Upper
184 100
63 64.9 50.9 76.3
154 64.2 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.962 ng

RT: 15.20 min Scan# 2062

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

ClientSampleId :

PB116862BS

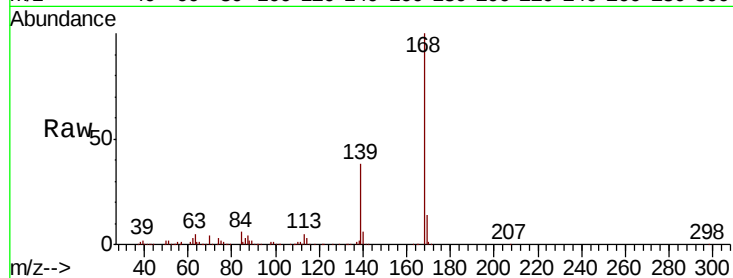
Tgt Ion:168 Resp: 529249

Ion Ratio Lower Upper

168 100

139 37.5 30.1 45.1

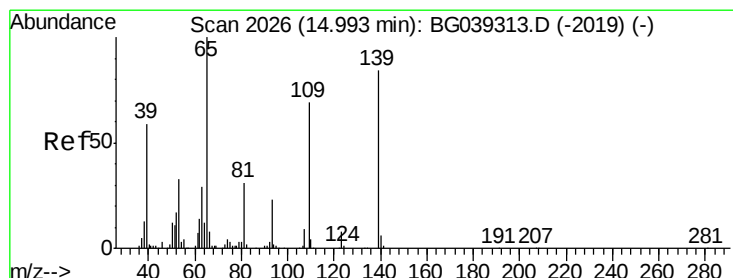
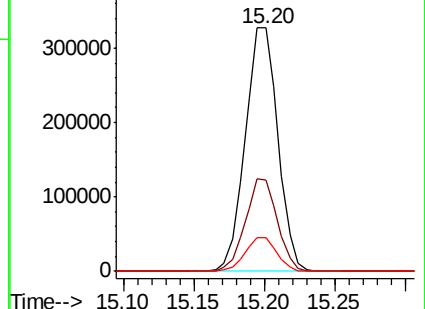
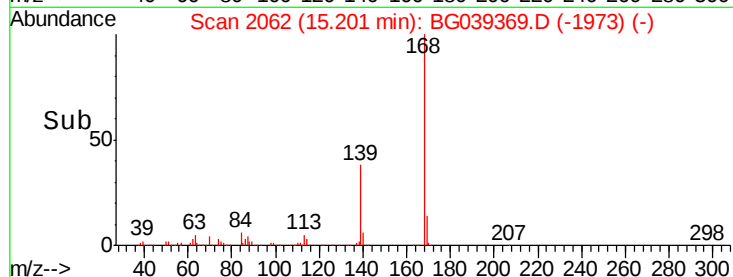
169 13.9 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 87.056 ng

RT: 15.00 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

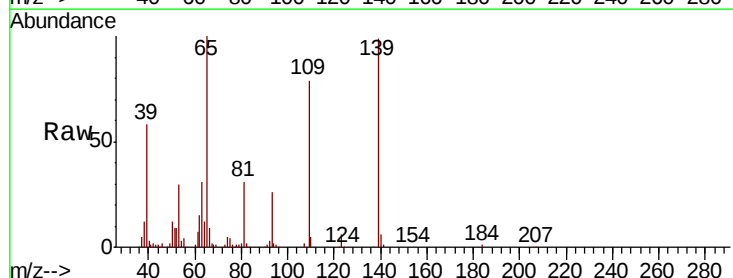
Tgt Ion:139 Resp: 168159

Ion Ratio Lower Upper

139 100

109 79.5 61.9 101.9

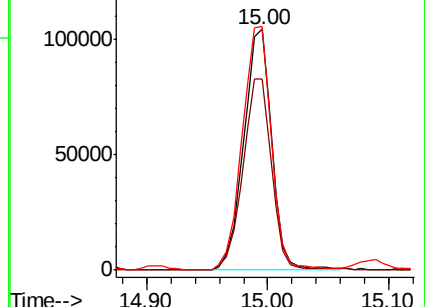
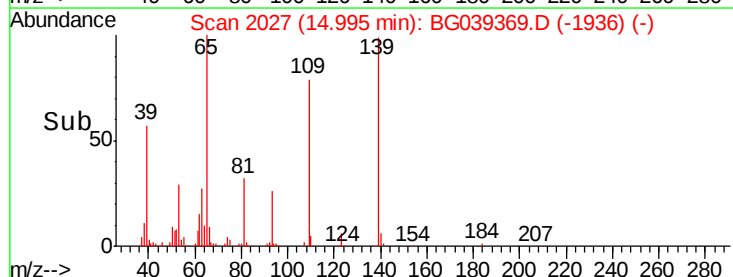
65 101.3 99.1 139.1

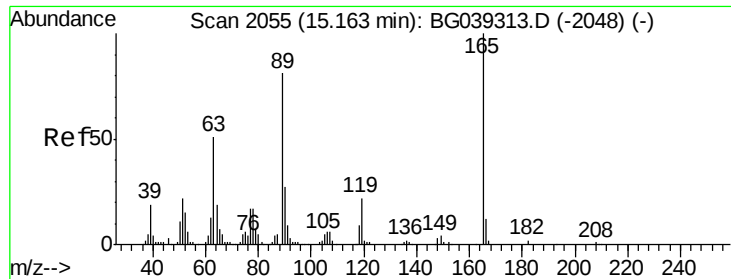


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 49.951 ng

RT: 15.16 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

ClientSampleId :

PB116862BS

Tgt Ion:165 Resp: 127918

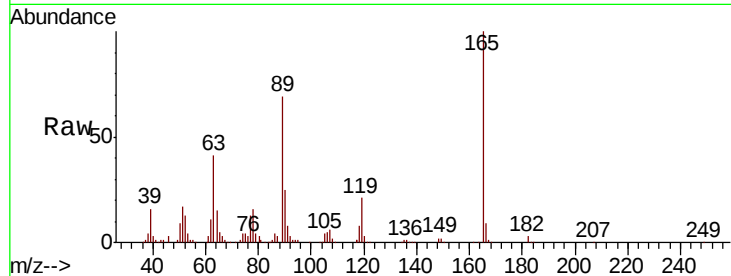
Ion Ratio Lower Upper

165 100

63 41.2 41.0 61.6

89 69.0 64.6 96.8

182 3.2 2.0 3.0#

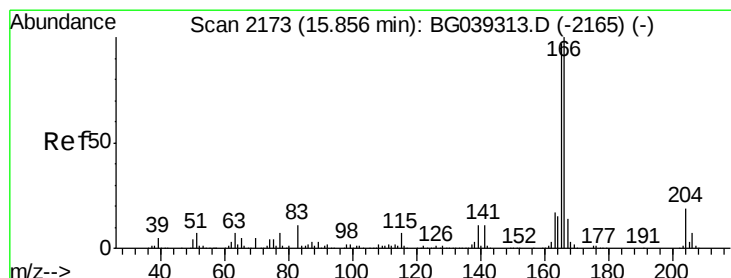
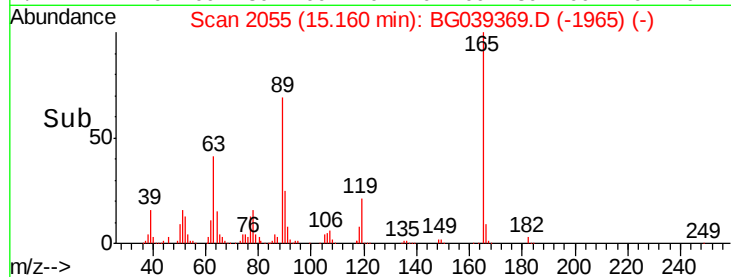
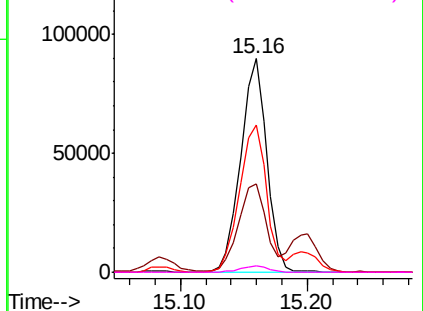


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.797 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

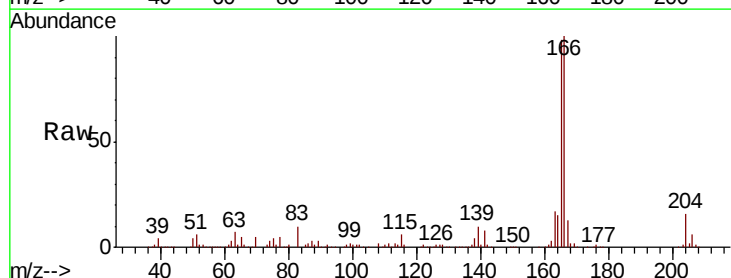
Tgt Ion:166 Resp: 412203

Ion Ratio Lower Upper

166 100

165 98.3 77.9 116.9

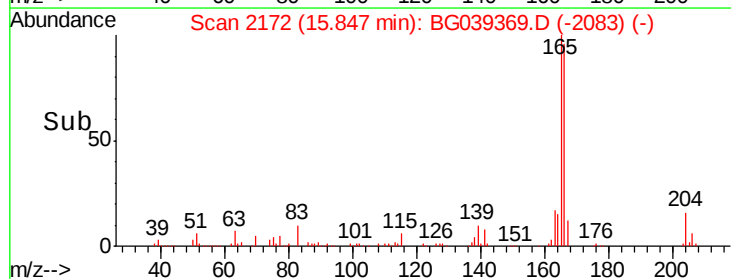
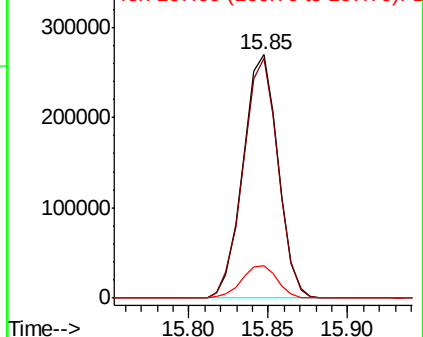
167 13.5 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

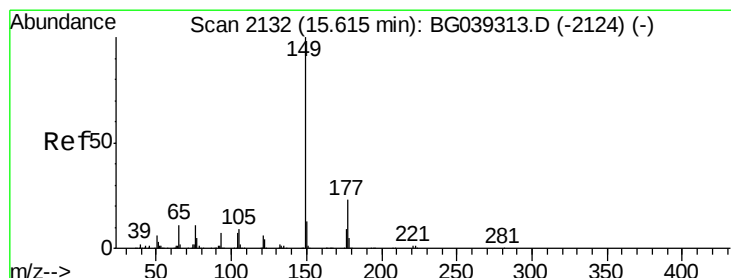
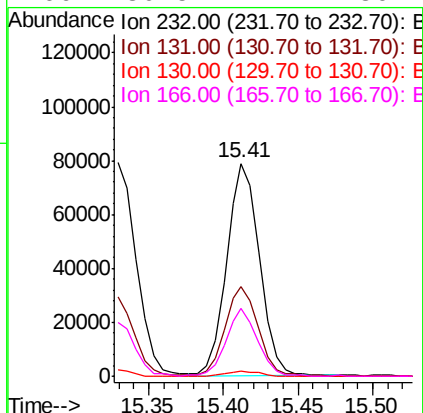
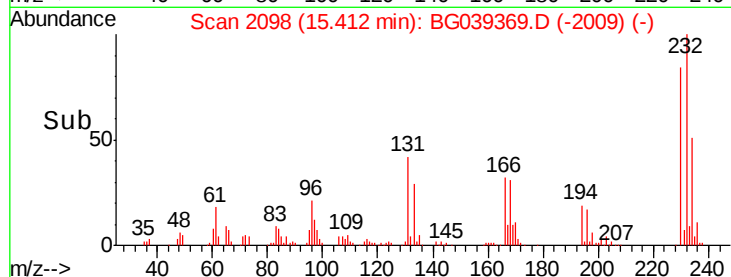
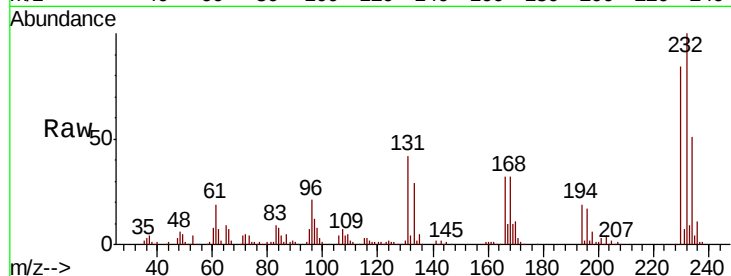




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.123 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

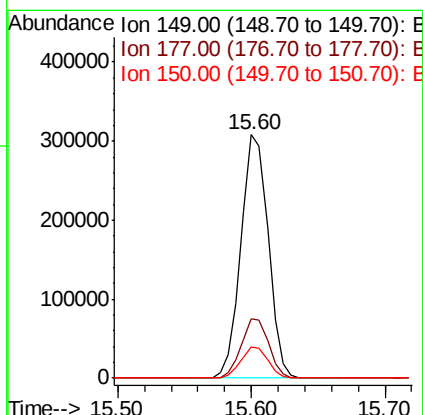
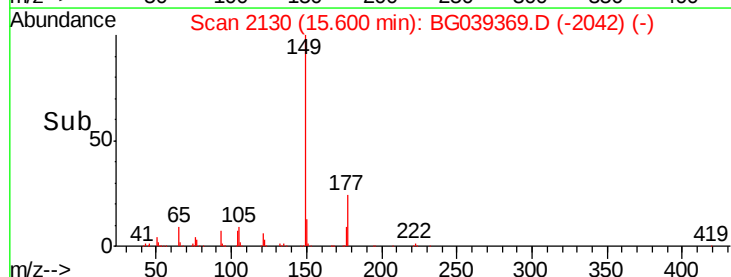
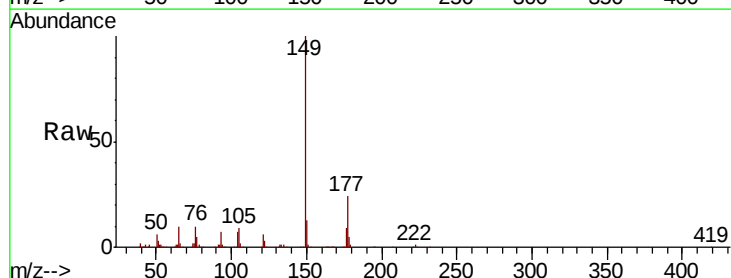
Instrument :
 BNA_G
 ClientSampleId :
 PB116862BS

Tgt Ion:	232	Resp:	121437
Ion	Ratio	Lower	Upper
232	100		
131	42.6	34.9	52.3
130	2.4	2.0	3.0
166	30.5	24.1	36.1



#60
 Diethylphthalate
 Concen: 39.617 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.02 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

Tgt Ion:	149	Resp:	434846
Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.3	27.5
150	12.9	10.2	15.2

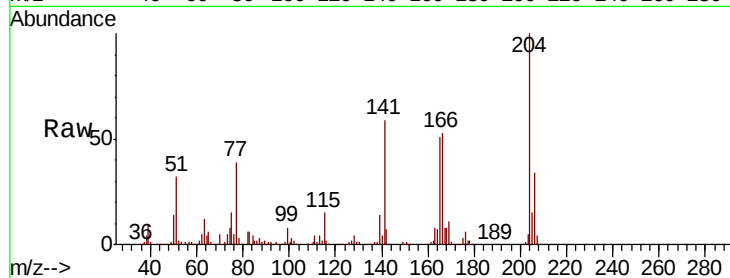




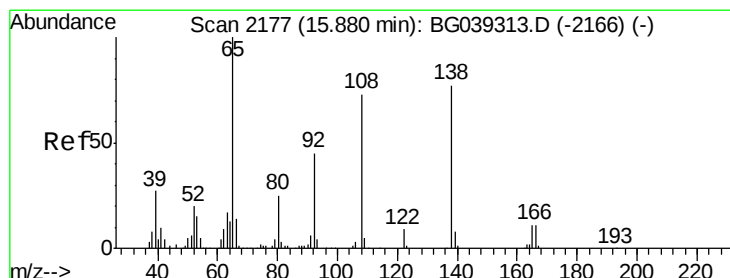
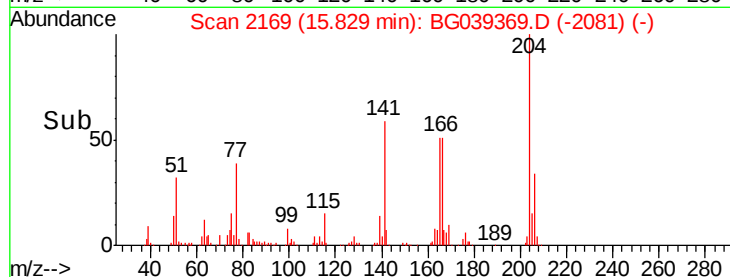
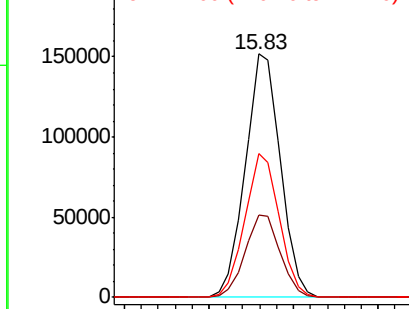
#61
 4-Chlorophenyl-phenylether
 Concen: 40.219 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

Instrument :
 BNA_G
 ClientSampleId :
 PB116862BS

Tgt Ion: 204 Resp: 219346
 Ion Ratio Lower Upper
 204 100
 206 33.9 29.2 43.8
 141 59.2 49.0 73.4

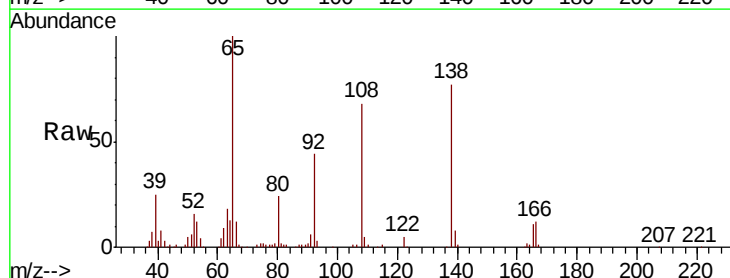


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

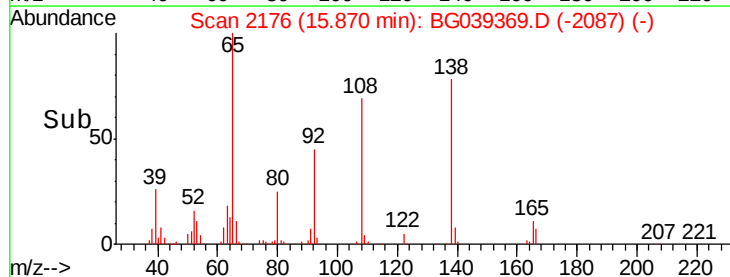
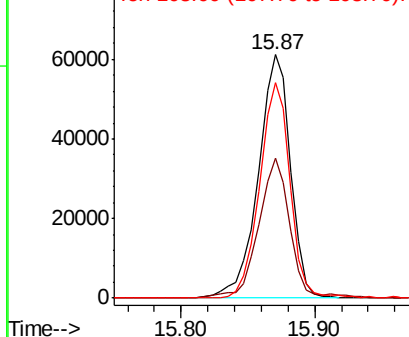


#62
 4-Nitroaniline
 Concen: 45.866 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

Tgt Ion: 138 Resp: 101650
 Ion Ratio Lower Upper
 138 100
 92 57.2 38.7 78.7
 108 88.5 74.6 114.6



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





#63

Azobenzene

Concen: 37.493 ng

RT: 16.12 min Scan# 2219

Delta R.T. -0.02 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

ClientSampleId :

PB116862BS

Tgt Ion: 77 Resp: 402235

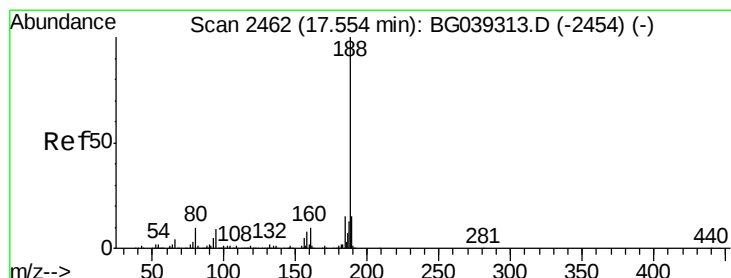
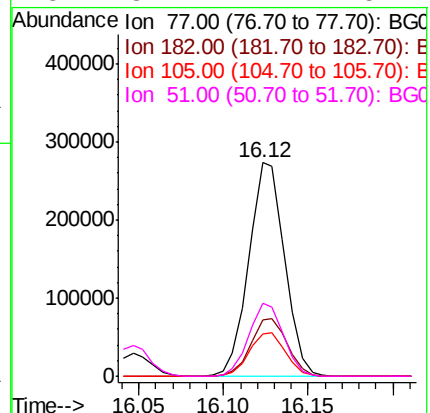
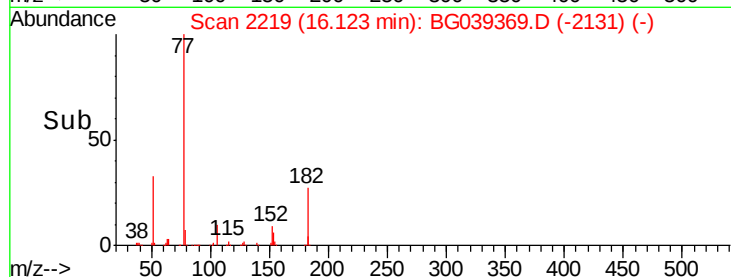
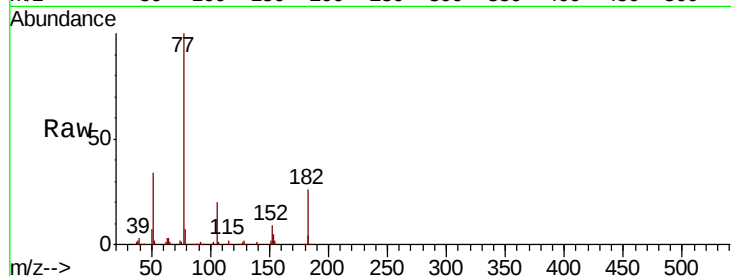
Ion Ratio Lower Upper

77 100

182 26.1 6.4 46.4

105 19.6 0.0 39.8

51 34.2 14.1 54.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

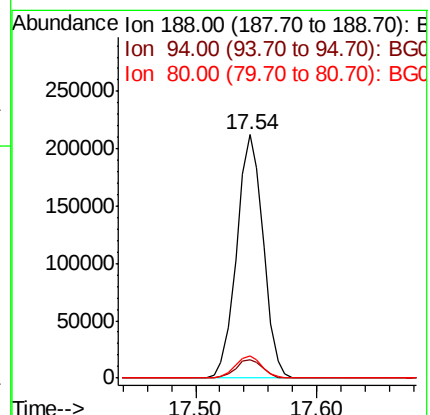
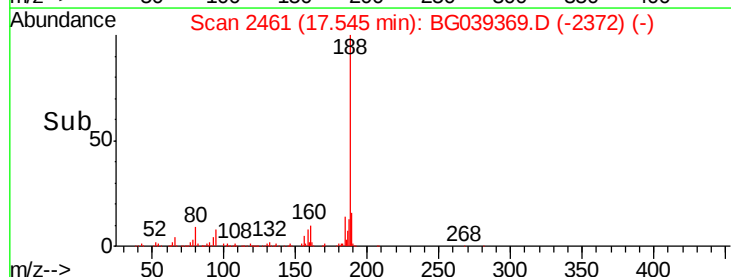
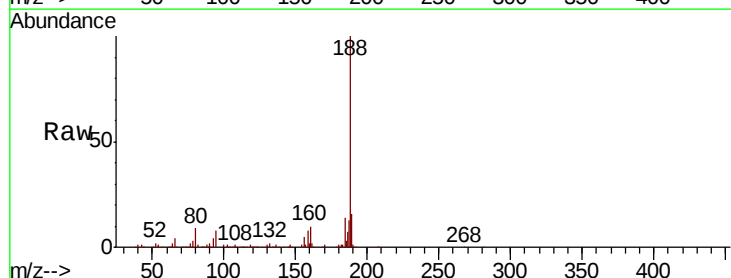
Tgt Ion: 188 Resp: 323918

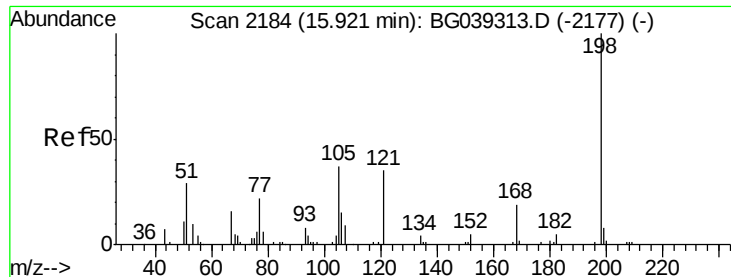
Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

80 9.1 8.1 12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 44.650 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

ClientSampleId :

PB116862BS

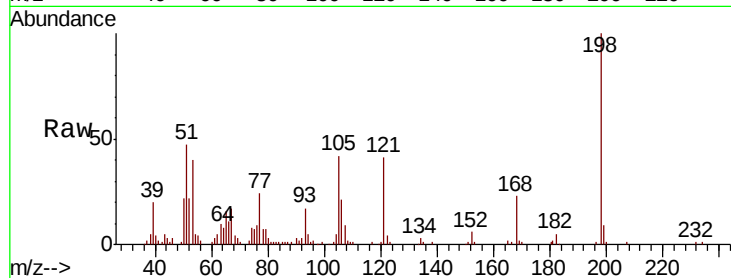
Tgt Ion:198 Resp: 55328

Ion Ratio Lower Upper

198 100

51 47.0 27.4 67.4

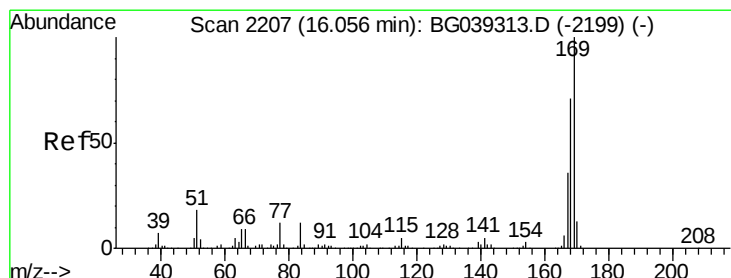
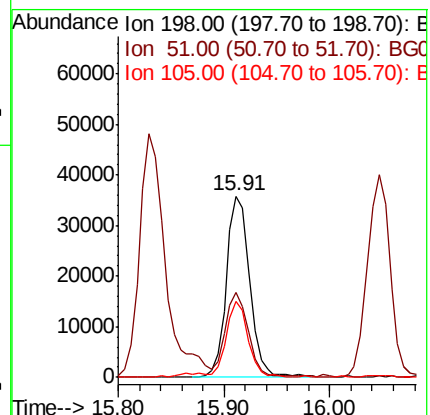
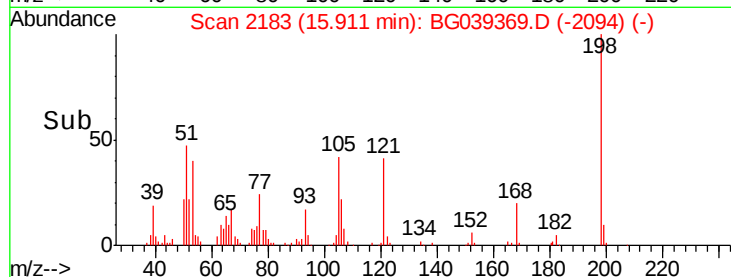
105 41.9 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.582 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

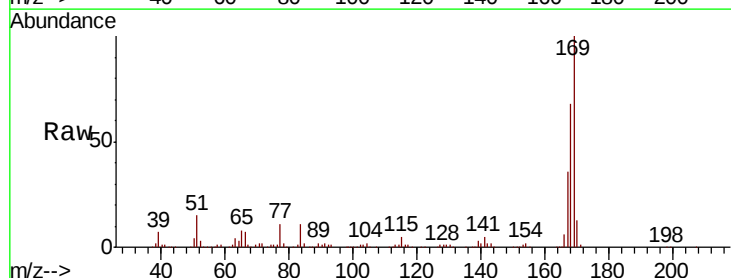
Tgt Ion:169 Resp: 380006

Ion Ratio Lower Upper

169 100

168 68.3 56.6 85.0

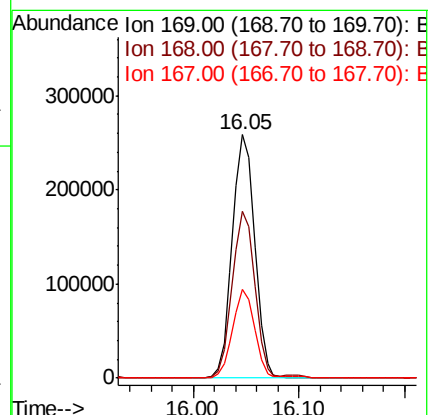
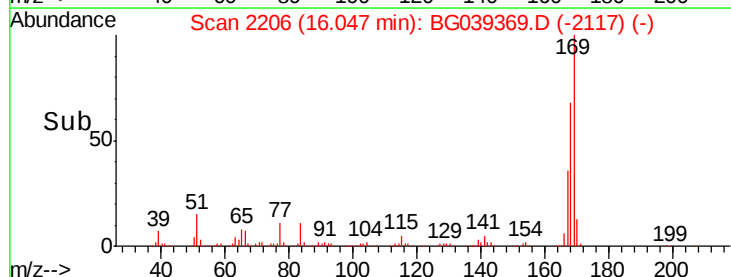
167 36.4 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

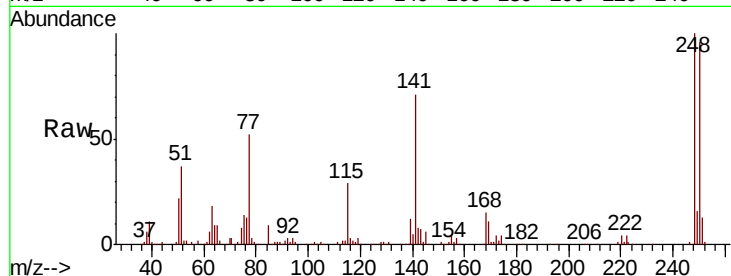




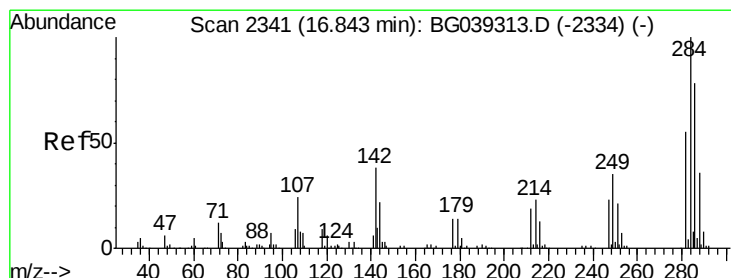
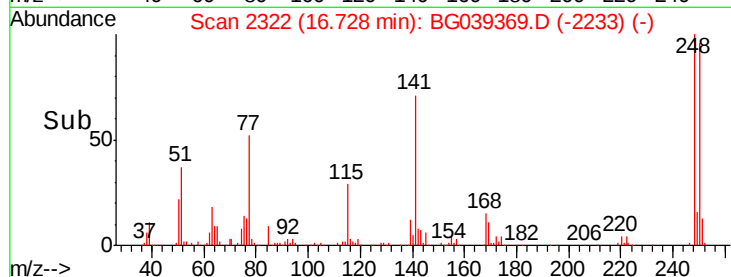
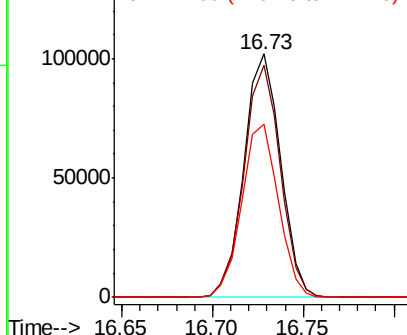
#67
4-Bromophenyl-phenylether
Concen: 39.827 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tgt Ion:248 Resp: 143118
Ion Ratio Lower Upper
248 100
250 95.5 77.6 116.4
141 71.2 63.9 95.9

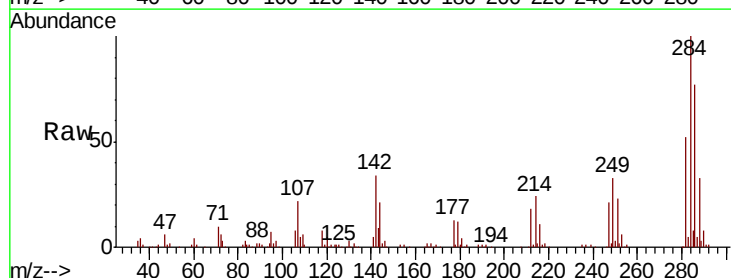


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

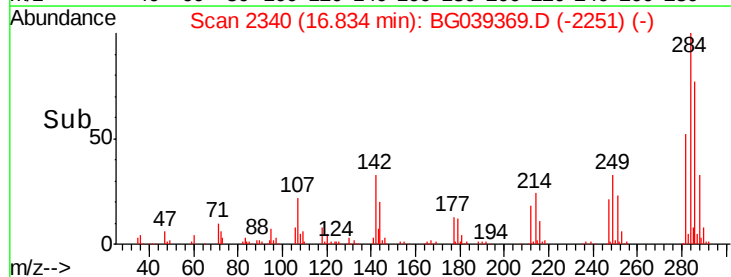
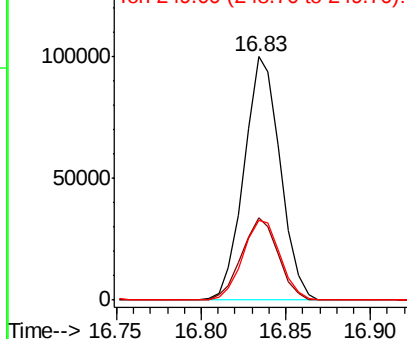


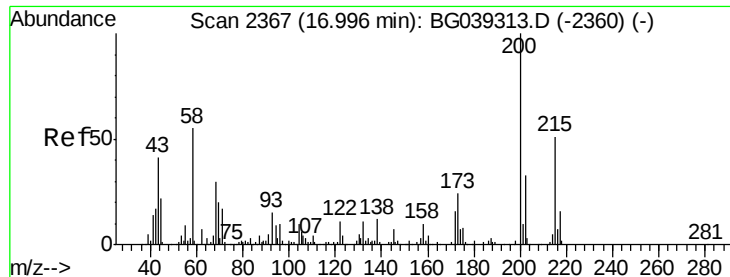
#68
Hexachlorobenzene
Concen: 41.170 ng
RT: 16.83 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion:284 Resp: 148434
Ion Ratio Lower Upper
284 100
142 33.6 30.6 45.8
249 33.0 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

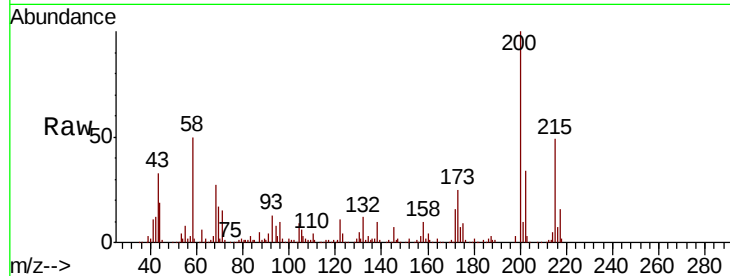




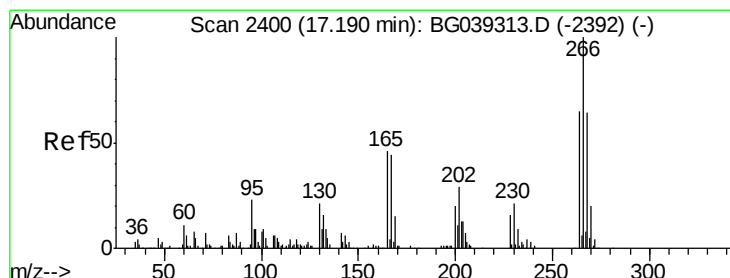
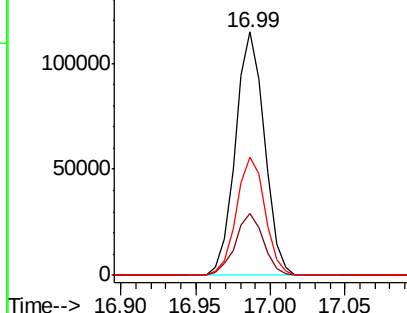
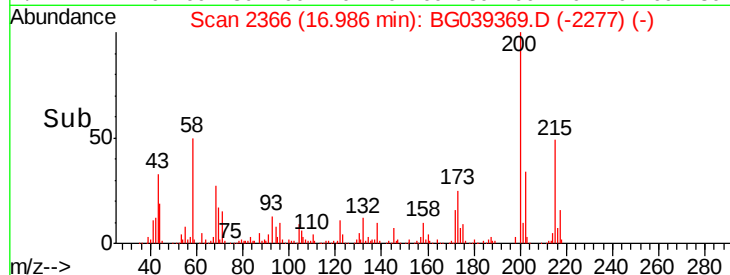
#69
 Atrazine
 Concen: 43.160 ng
 RT: 16.99 min Scan# 2366
 Delta R.T. -0.01 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

Instrument :
 BNA_G
 ClientSampleId :
 PB116862BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.3	3.9	43.9
215	48.7	30.9	70.9

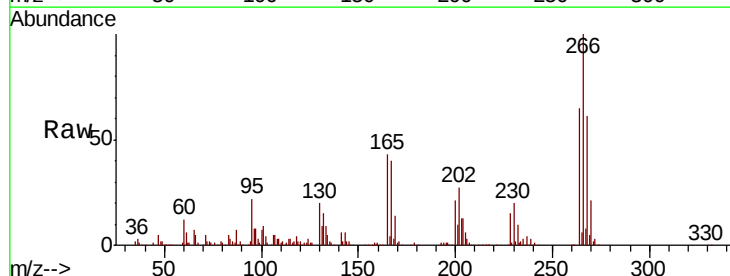


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

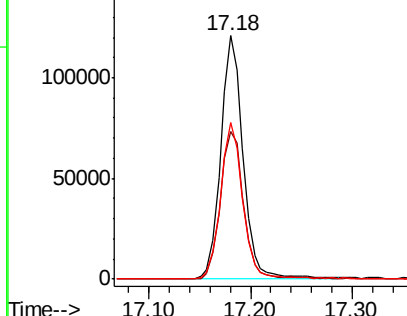
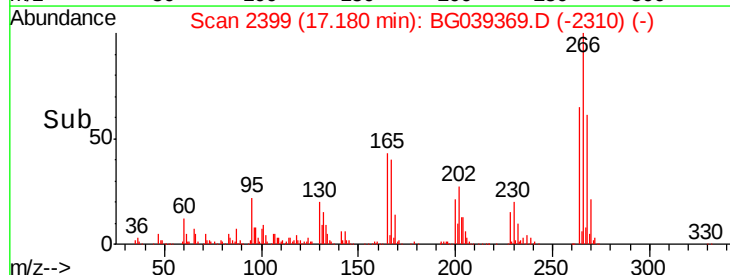


#70
 Pentachlorophenol
 Concen: 73.743 ng
 RT: 17.18 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.7	51.1	76.7
264	64.5	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

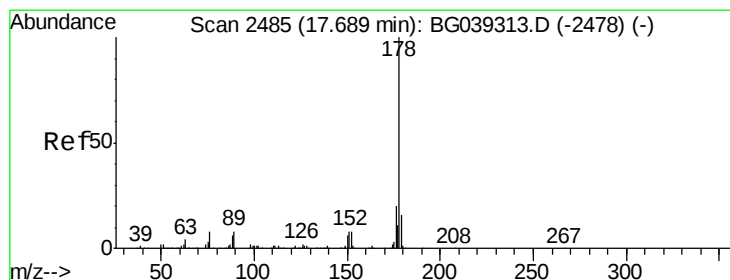
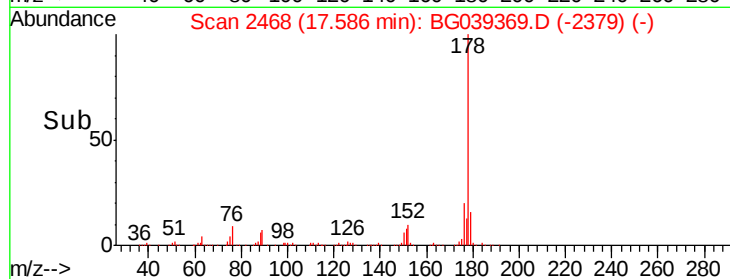
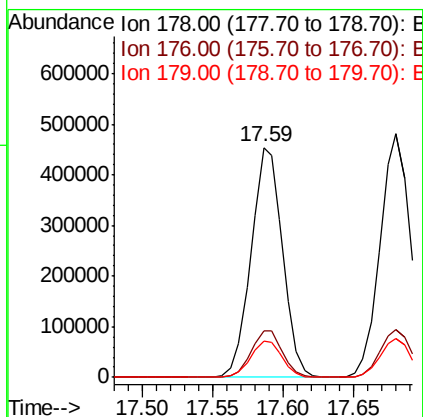
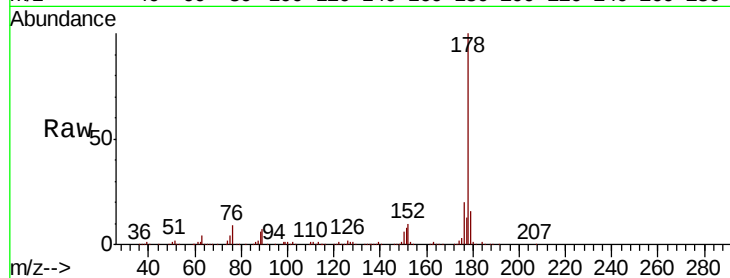




#71
 Phenanthrene
 Concen: 42.308 ng
 RT: 17.59 min Scan# 2468
 Delta R.T. -0.01 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

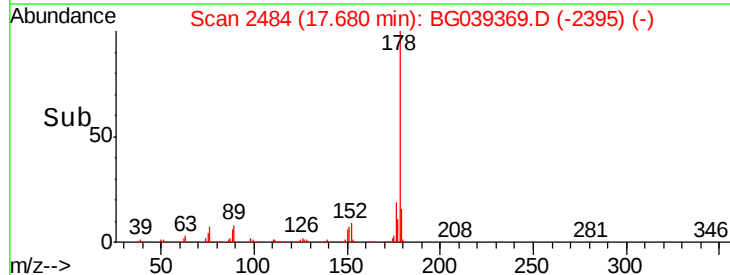
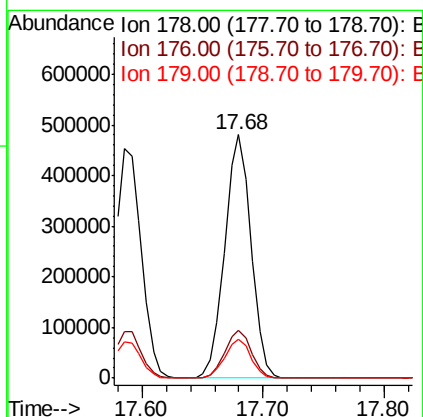
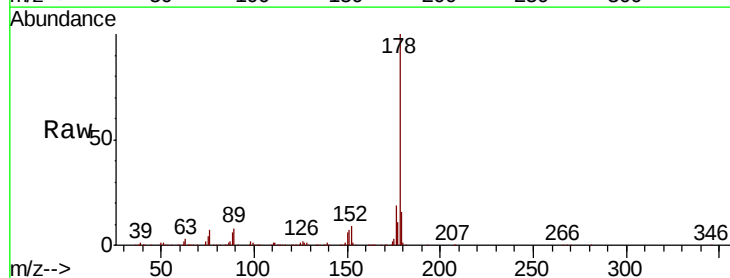
Instrument :
 BNA_G
 ClientSampleId :
 PB116862BS

Tgt Ion:178 Resp: 709293
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.2 24.4
 179 16.0 12.6 19.0



#72
 Anthracene
 Concen: 43.815 ng
 RT: 17.68 min Scan# 2484
 Delta R.T. -0.01 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

Tgt Ion:178 Resp: 723541
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 15.9 12.5 18.7

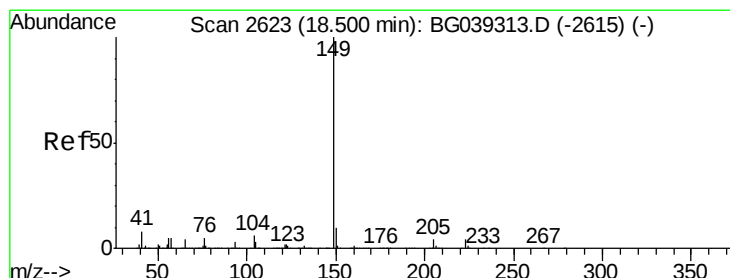
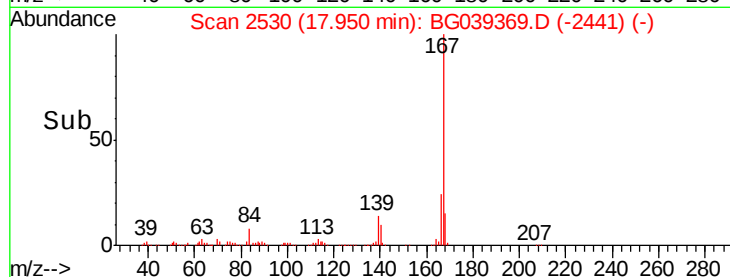
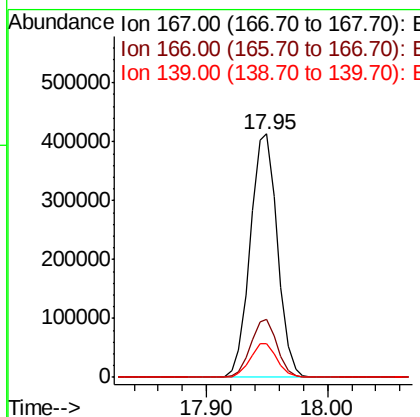
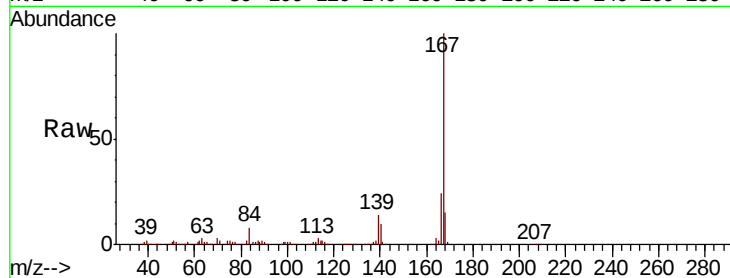




#73
 Carbazole
 Concen: 39.166 ng
 RT: 17.95 min Scan# 2530
 Delta R.T. -0.01 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

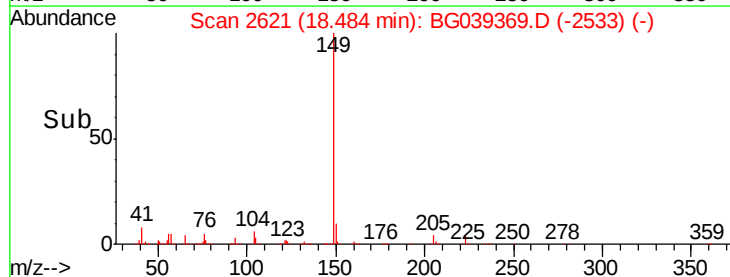
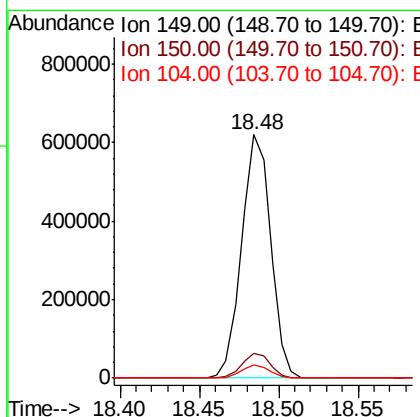
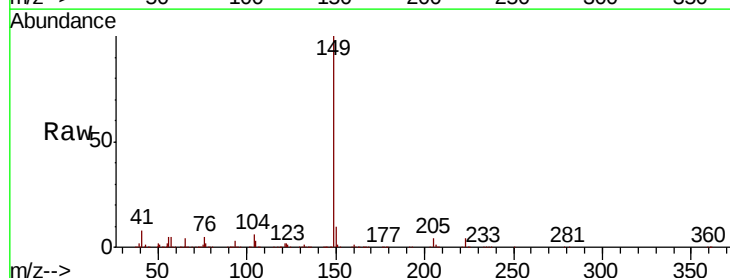
Instrument :
 BNA_G
 ClientSampleId :
 PB116862BS

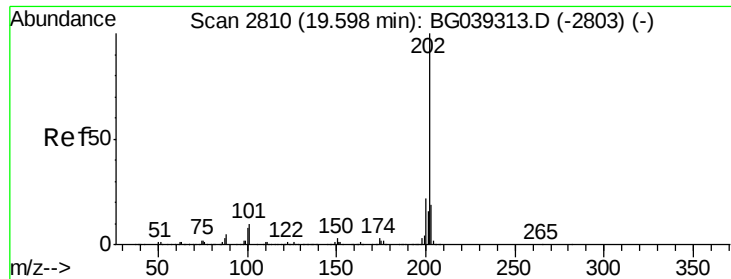
Tgt Ion:167 Resp: 645461
 Ion Ratio Lower Upper
 167 100
 166 23.8 19.4 29.2
 139 13.6 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 41.191 ng
 RT: 18.48 min Scan# 2621
 Delta R.T. -0.02 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

Tgt Ion:149 Resp: 791965
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.7 11.5
 104 5.6 4.5 6.7





#75

Fluoranthene

Concen: 45.812 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

ClientSampleId :

PB116862BS

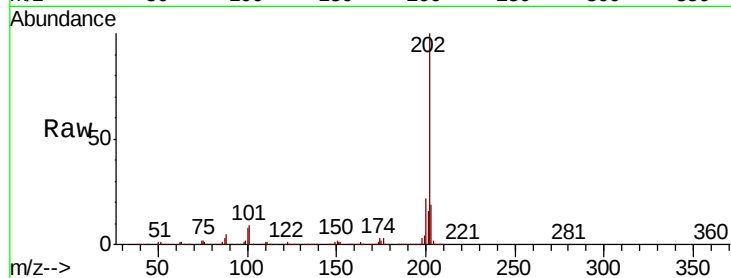
Tgt Ion:202 Resp: 891458

Ion Ratio Lower Upper

202 100

101 8.9 0.0 30.0

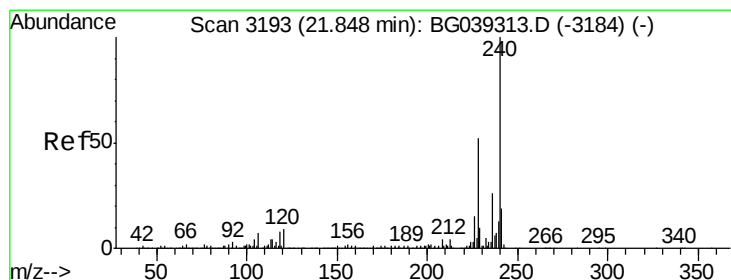
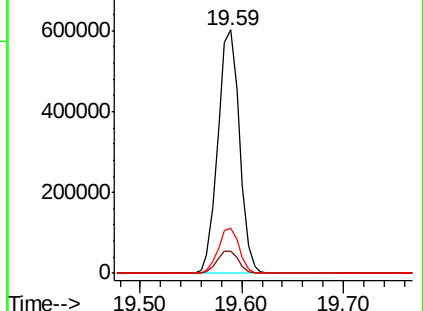
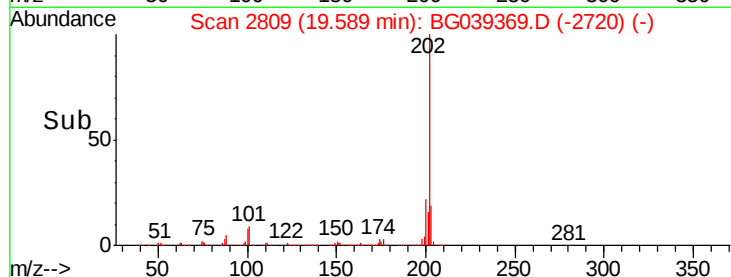
203 18.7 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.84 min Scan# 3192

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

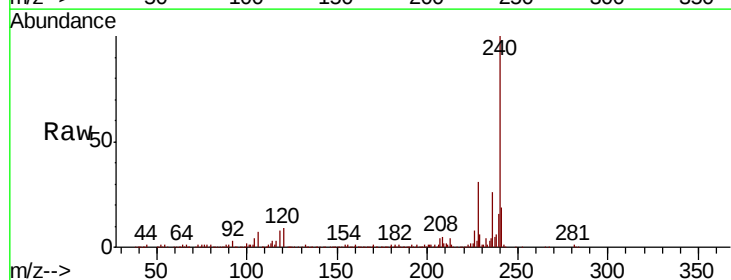
Tgt Ion:240 Resp: 358694

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

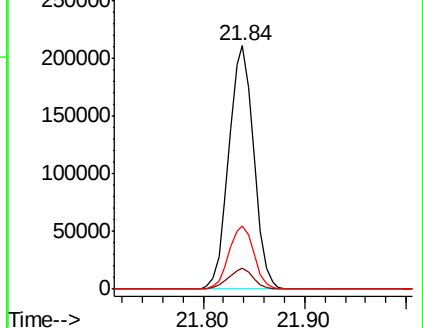
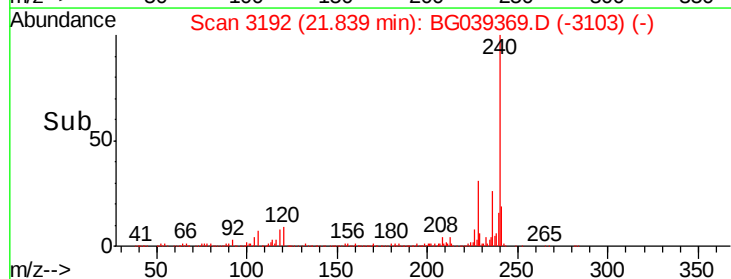
236 26.0 21.0 31.4

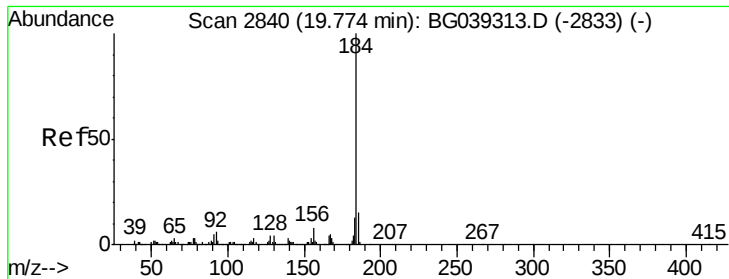


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.515 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

ClientSampleId :

PB116862BS

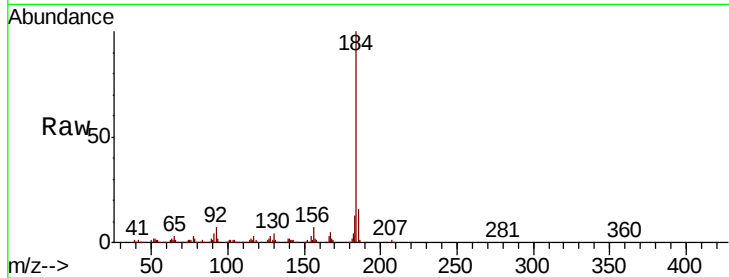
Tgt Ion:184 Resp: 347091

Ion Ratio Lower Upper

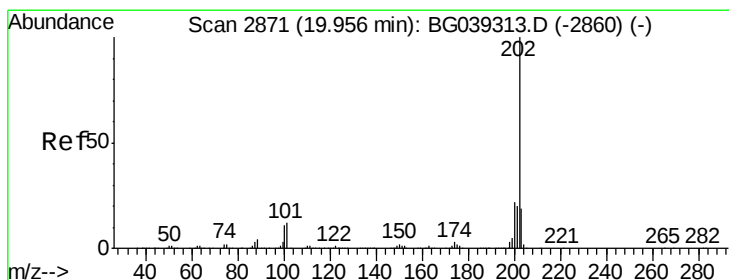
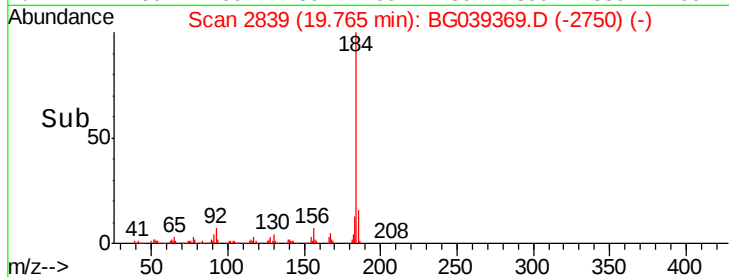
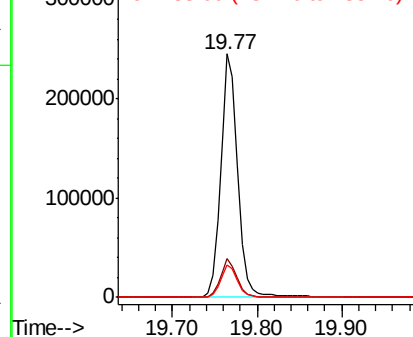
184 100

185 15.7 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: 40.162 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

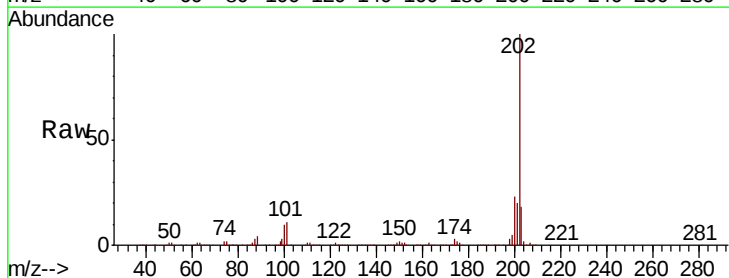
Tgt Ion:202 Resp: 896802

Ion Ratio Lower Upper

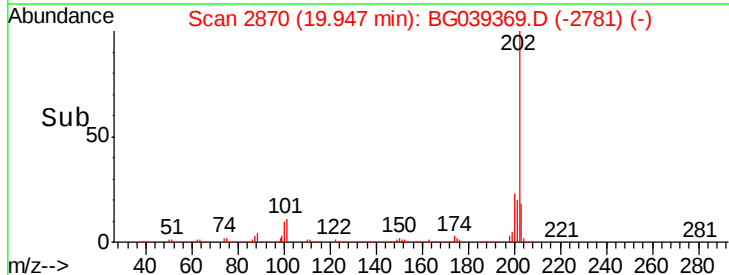
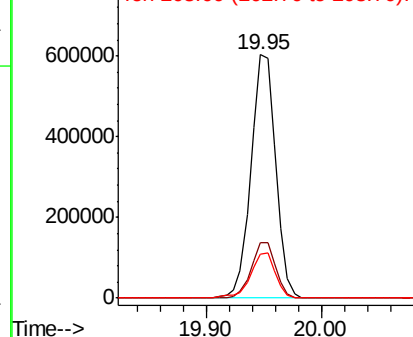
202 100

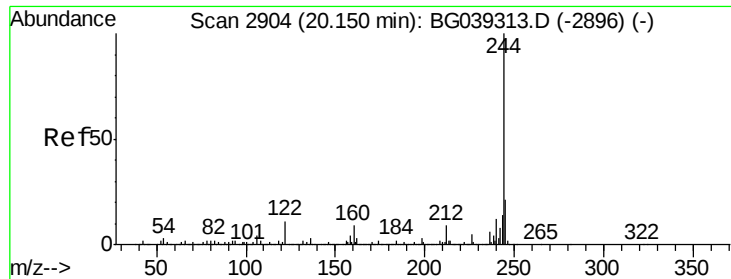
200 22.9 17.8 26.8

203 18.2 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

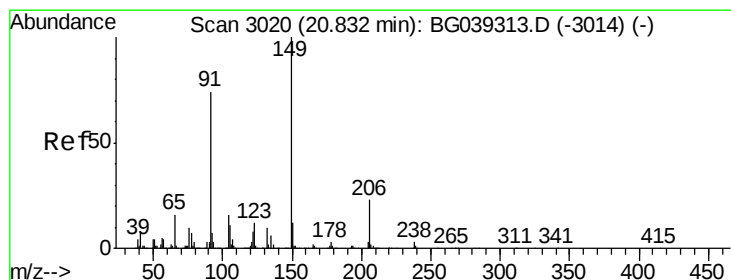
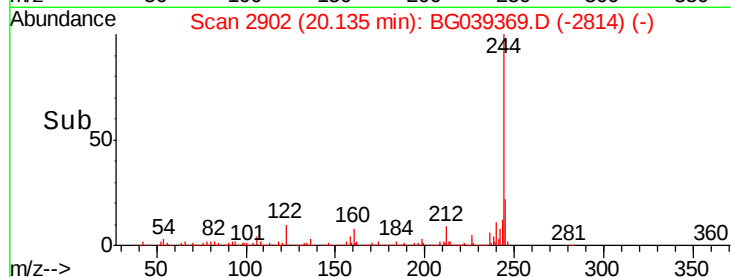
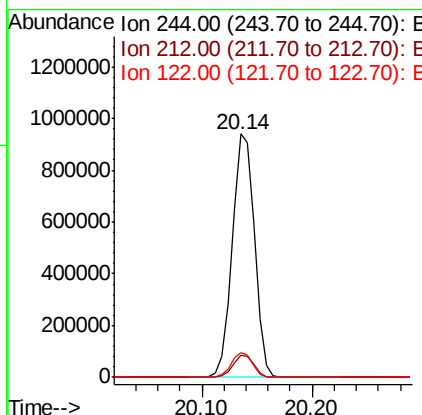
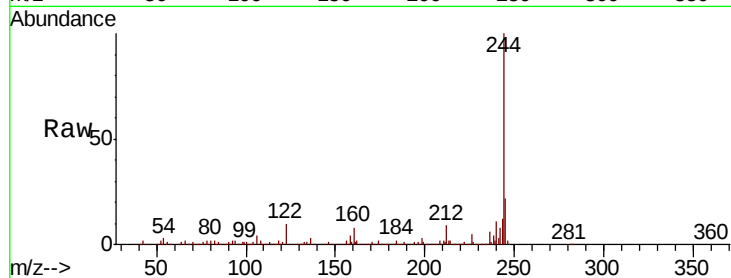




#79
 Terphenyl-d14
 Concen: 78.349 ng
 RT: 20.14 min Scan# 2902
 Delta R.T. -0.02 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

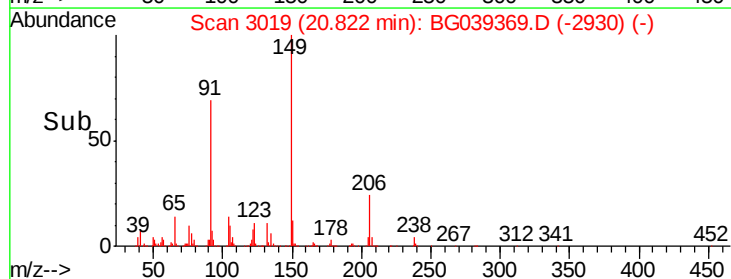
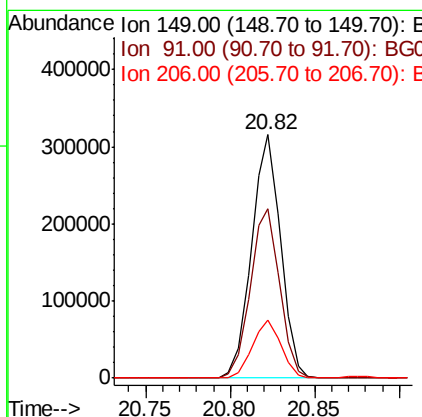
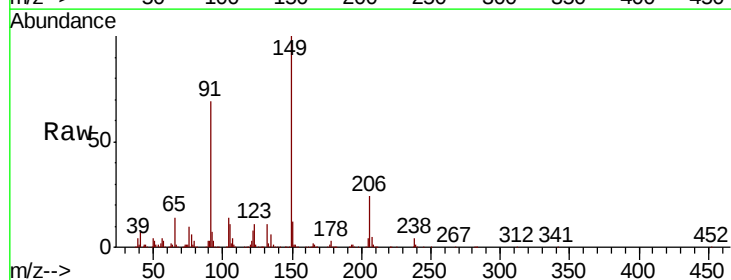
Instrument :
 BNA_G
 ClientSampleId :
 PB116862BS

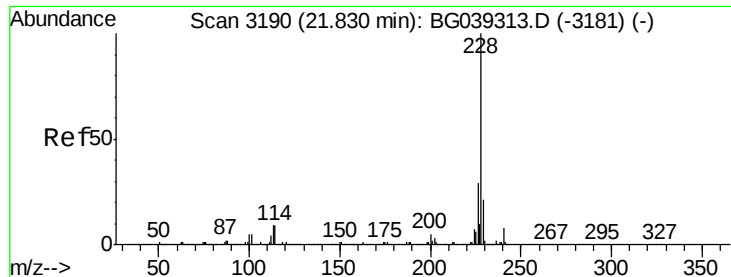
Tgt Ion:244 Resp: 1327707
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.3 10.9
 122 10.4 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 40.081 ng
 RT: 20.82 min Scan# 3019
 Delta R.T. -0.01 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

Tgt Ion:149 Resp: 377542
 Ion Ratio Lower Upper
 149 100
 91 69.4 59.5 89.3
 206 24.1 18.6 27.8





#81

Benzo(a)anthracene

Concen: 42.656 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.02 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

ClientSampleId :

PB116862BS

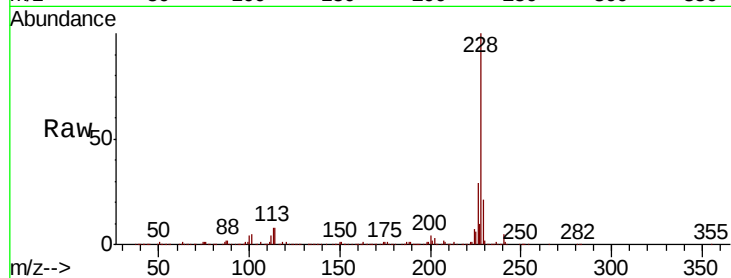
Tgt Ion:228 Resp: 904089

Ion Ratio Lower Upper

228 100

226 29.2 23.0 34.6

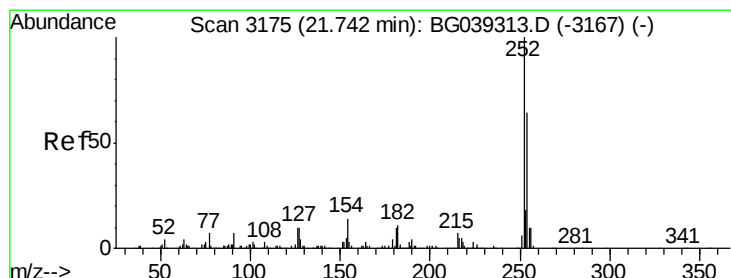
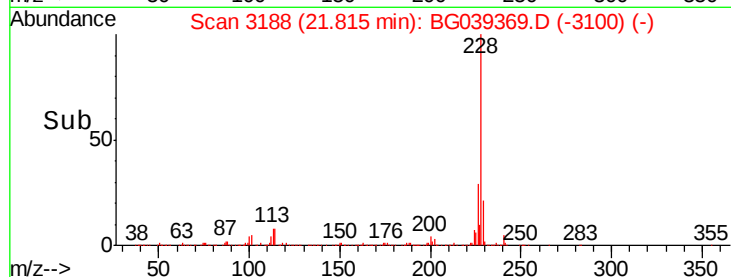
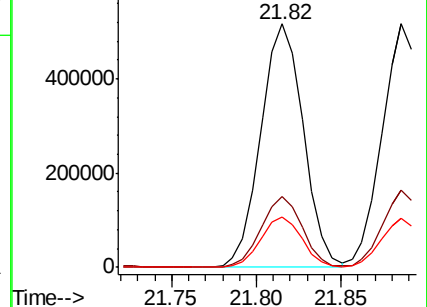
229 20.6 16.9 25.3



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: 25.290 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.02 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

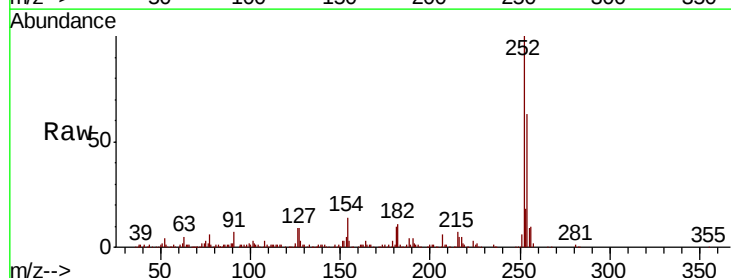
Tgt Ion:252 Resp: 198752

Ion Ratio Lower Upper

252 100

254 63.1 51.3 76.9

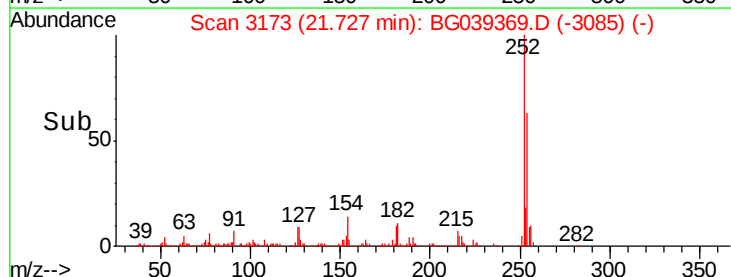
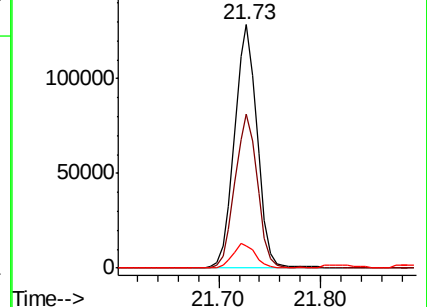
126 9.0 8.0 12.0

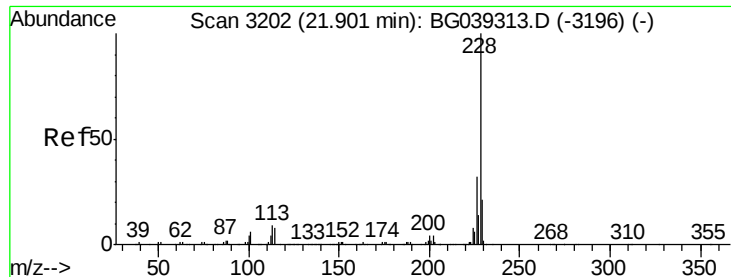


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.006 ng

RT: 21.89 min Scan# 3200

Delta R.T. -0.02 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

ClientSampleId :

PB116862BS

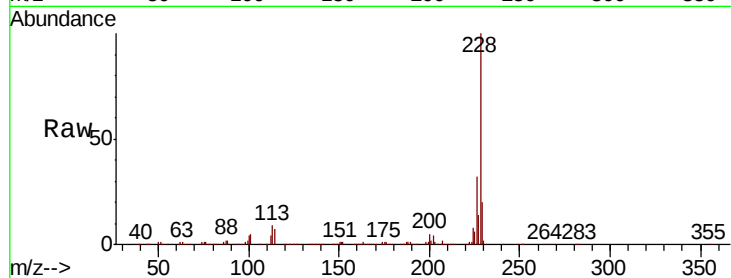
Tgt Ion:228 Resp: 847517

Ion Ratio Lower Upper

228 100

226 31.7 25.8 38.6

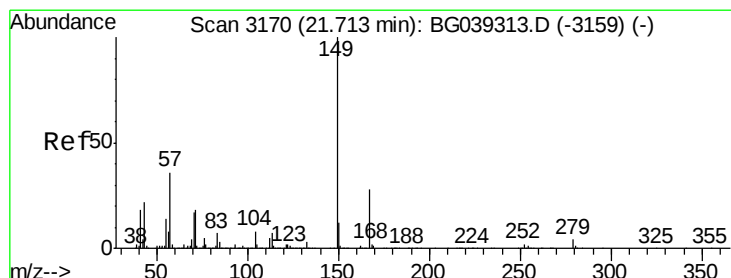
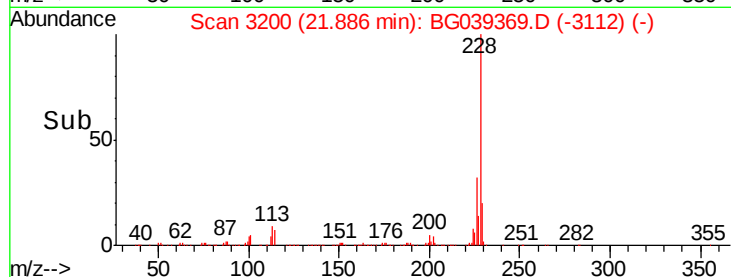
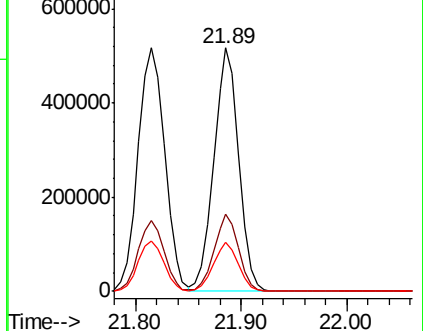
229 20.3 16.6 25.0



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: 39.433 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

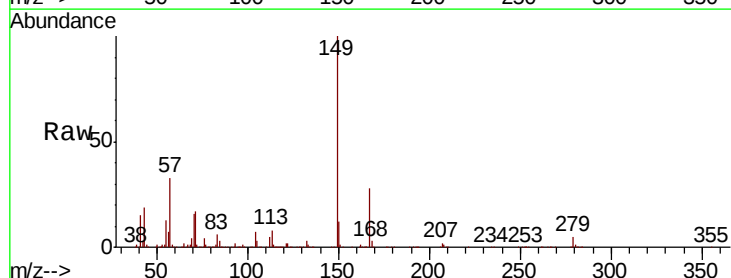
Tgt Ion:149 Resp: 529906

Ion Ratio Lower Upper

149 100

167 28.2 22.6 34.0

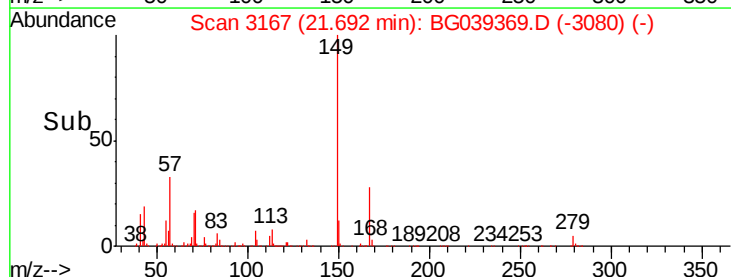
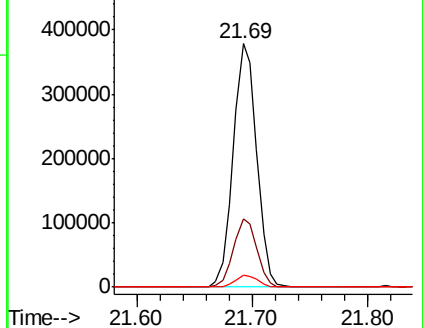
279 4.7 3.5 5.3

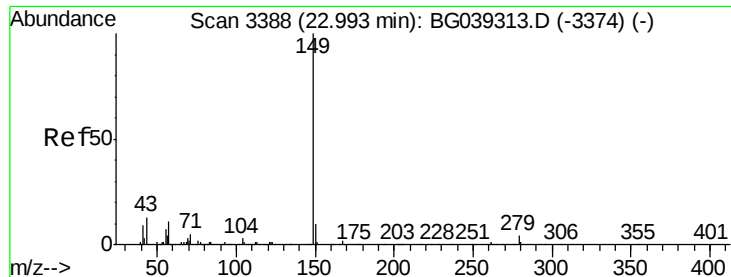


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.700 ng

RT: 22.96 min Scan# 3383

Delta R.T. -0.03 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

ClientSampleId :

PB116862BS

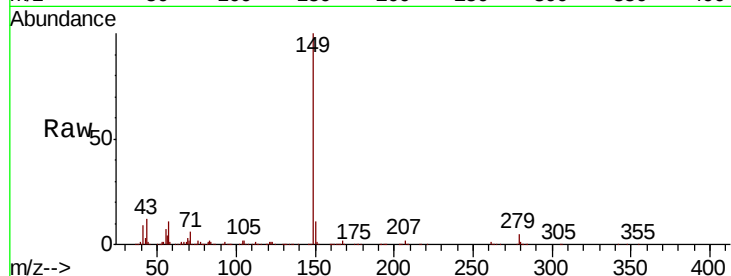
Tgt Ion:149 Resp: 903601

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

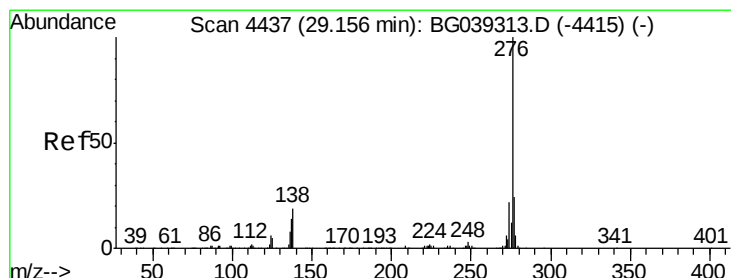
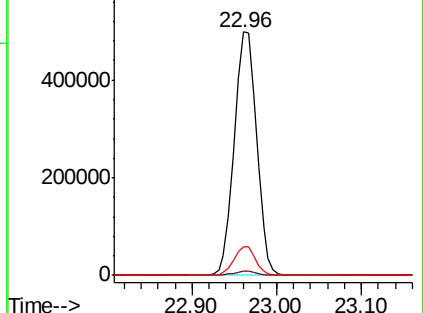
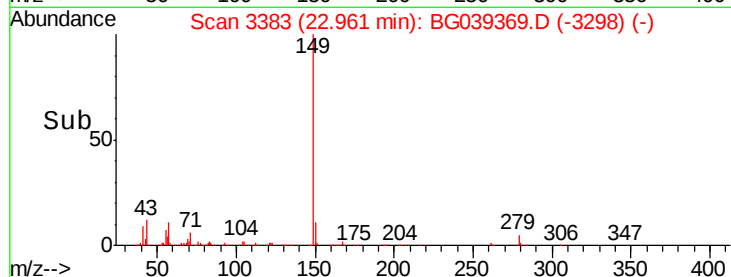
43 11.5 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.935 ng

RT: 29.12 min Scan# 4432

Delta R.T. -0.03 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

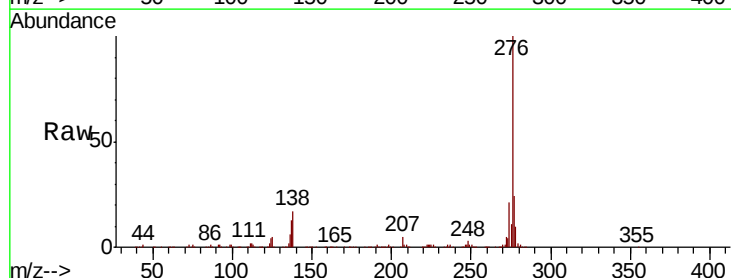
Tgt Ion:276 Resp: 1016019

Ion Ratio Lower Upper

276 100

138 14.5 12.6 19.0

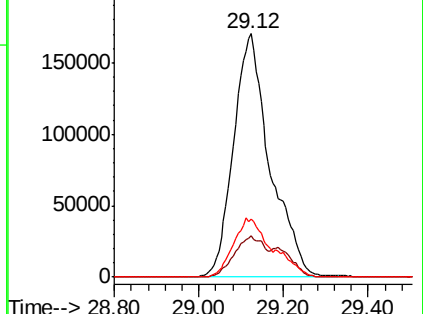
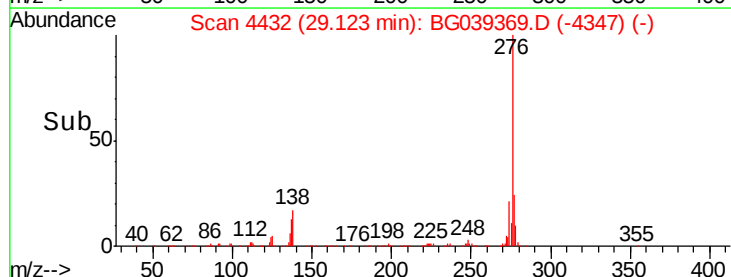
277 25.8 20.8 31.2

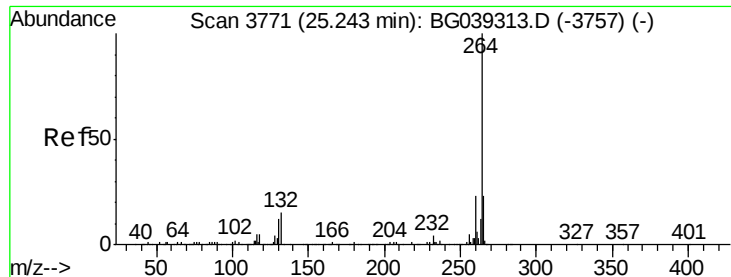


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.22 min Scan# 3768

Delta R.T. -0.02 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

ClientSampleId :

PB116862BS

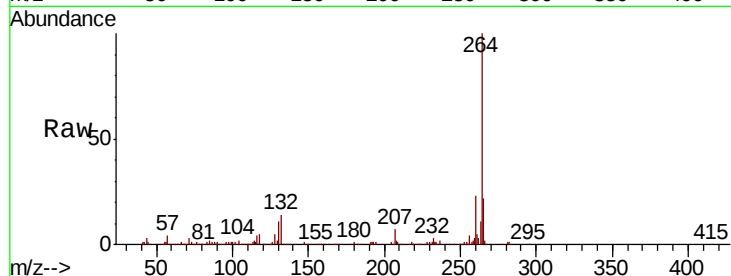
Tgt Ion:264 Resp: 376047

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

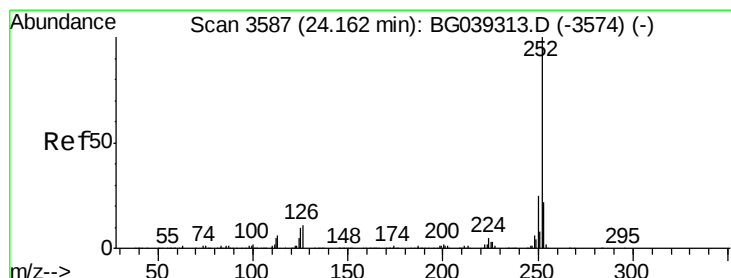
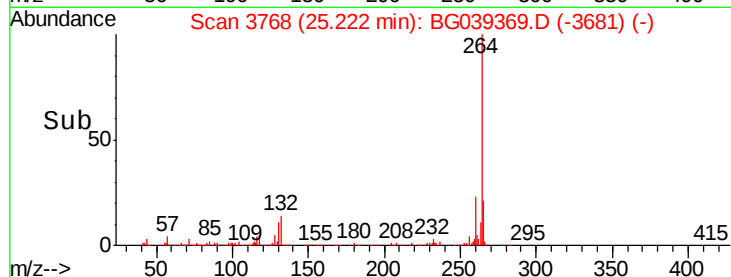
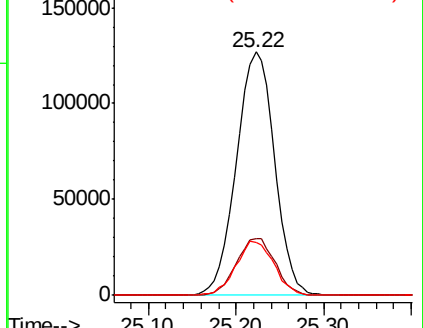
265 21.6 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.187 ng

RT: 24.14 min Scan# 3583

Delta R.T. -0.03 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

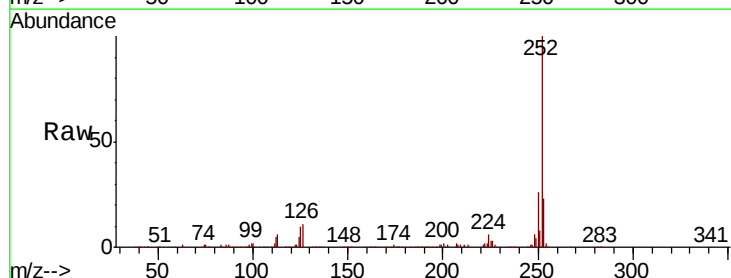
Tgt Ion:252 Resp: 865177

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

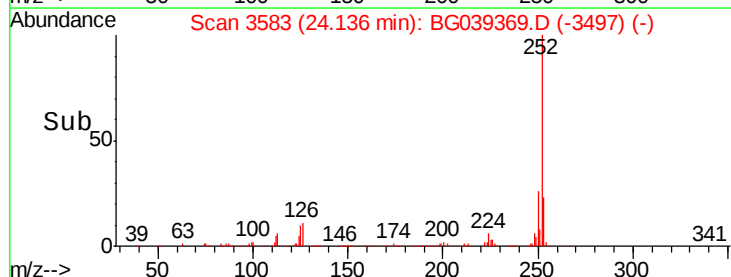
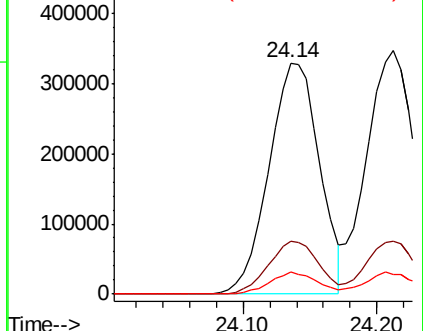
125 9.6 7.8 11.6

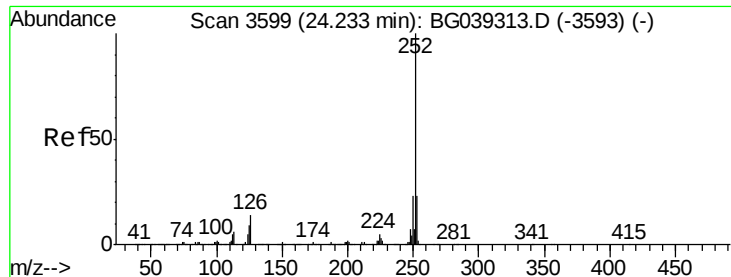


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.362 ng

RT: 24.21 min Scan# 3596

Delta R.T. -0.02 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

ClientSampleId :

PB116862BS

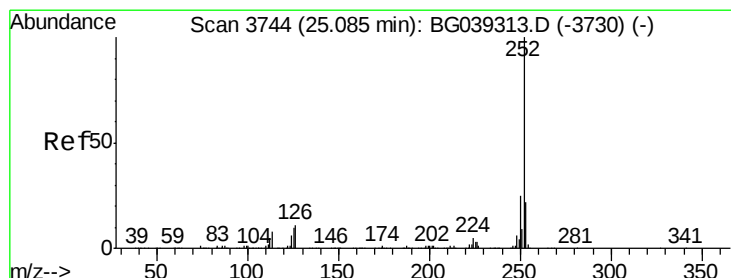
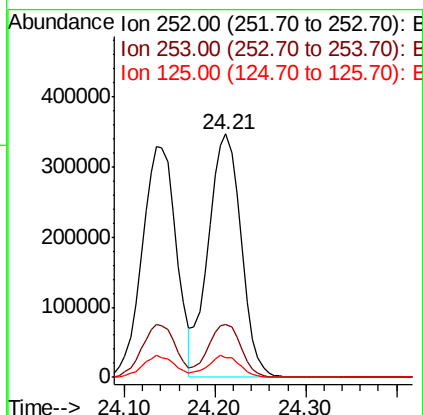
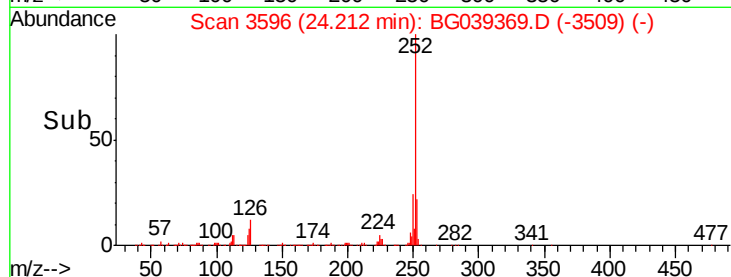
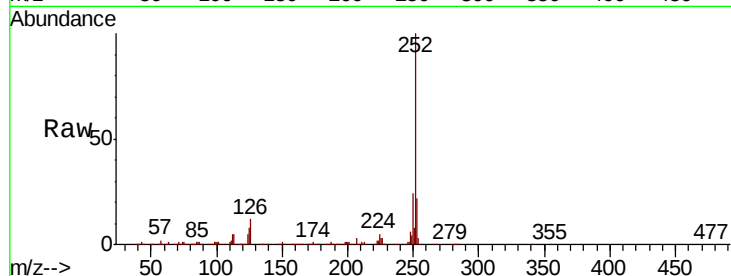
Tgt Ion:252 Resp: 872216

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

125 7.9 7.4 11.2



#90

Benzo(a)pyrene

Concen: 43.816 ng

RT: 25.06 min Scan# 3741

Delta R.T. -0.02 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

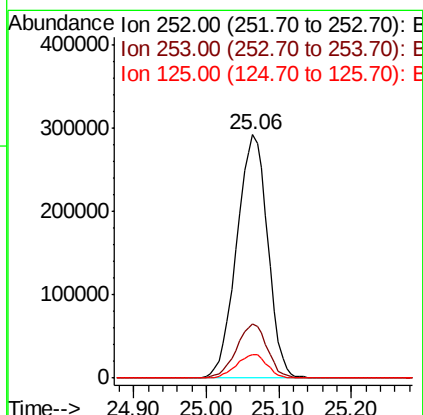
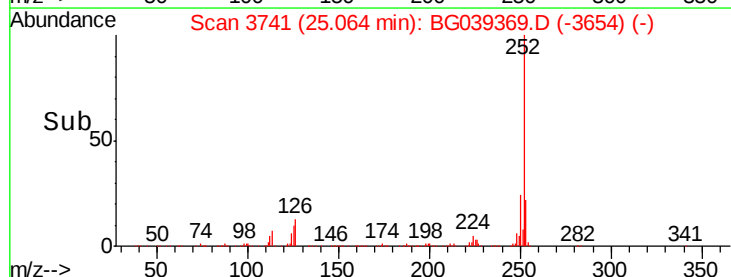
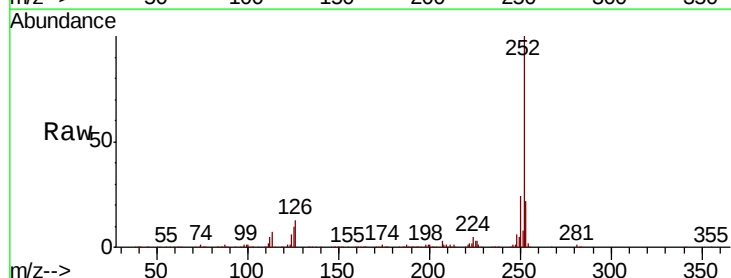
Tgt Ion:252 Resp: 865395

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 9.9 8.3 12.5

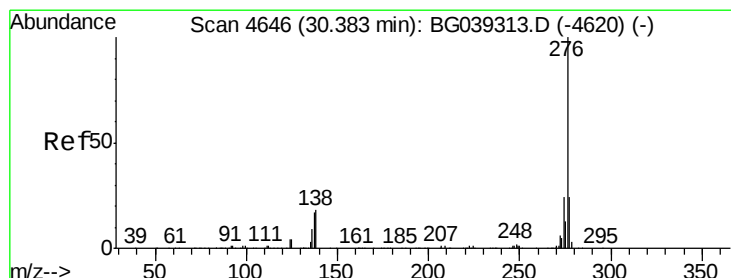
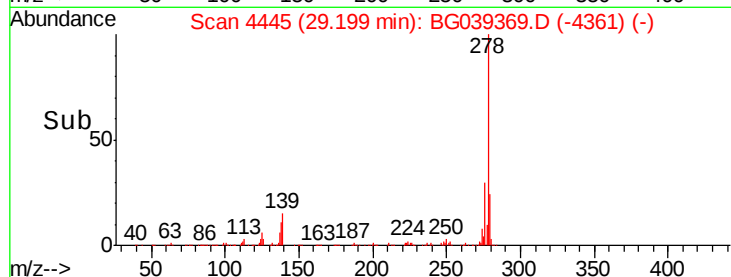
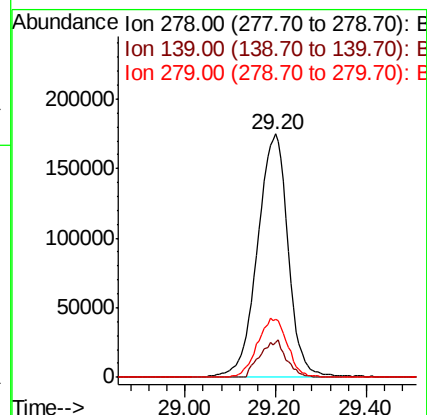
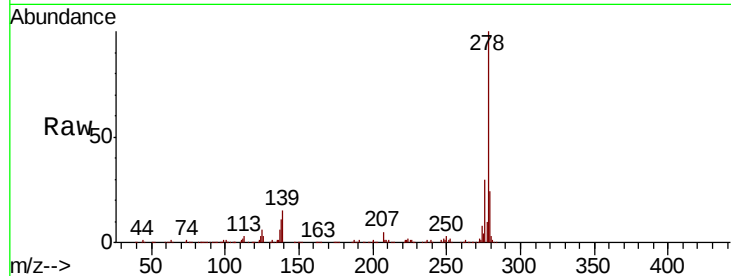




#91
Dibenzo(a,h)anthracene
Concen: 44.507 ng
RT: 29.20 min Scan# 4445
Delta R.T. -0.04 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tgt Ion: 278 Resp: 823231
Ion Ratio Lower Upper
278 100
139 14.6 11.7 17.5
279 24.0 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 45.049 ng
RT: 30.34 min Scan# 4640
Delta R.T. -0.04 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion: 276 Resp: 830513
Ion Ratio Lower Upper
276 100
277 24.0 19.6 29.4
138 18.4 14.7 22.1

