

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011619\
 Data File : BG039180.D
 Acq On : 17 Jan 2019 6:09
 Operator : JU/SJ
 Sample : PB116427BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

Quant Time: Jan 17 08:10:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27657	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	124735	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	90557	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	230333	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	233738	20.00	ng	-0.02
87) Perylene-d12	24.94	264	250558	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	187472	128.59	ng	-0.01
7) Phenol-d6	7.18	99	272173	129.72	ng	0.00
23) Nitrobenzene-d5	9.19	82	152891	67.07	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	144493	95.19	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	434768	65.71	ng	-0.01
79) Terphenyl-d14	20.01	244	802415	63.51	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	16422	28.763	ng	94
3) Pyridine	3.85	79	47689	30.740	ng	92
4) n-Nitrosodimethylamine	3.77	42	25907	37.111	ng	90
6) Aniline	7.35	93	43876	17.412	ng	95
8) 2-Chlorophenol	7.58	128	69946	40.699	ng	98
9) Benzaldehyde	7.16	77	18894	15.615	ng	95
10) Phenol	7.21	94	92431	43.940	ng	96
11) bis(2-Chloroethyl)ether	7.44	93	58700	36.511	ng	98
12) 1,3-Dichlorobenzene	7.90	146	66804	32.443	ng	97
13) 1,4-Dichlorobenzene	8.05	146	67185	32.217	ng	96
14) 1,2-Dichlorobenzene	8.37	146	66686	33.538	ng	99
15) Benzyl Alcohol	8.26	79	61843	39.139	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	109747	35.599	ng	98
17) 2-Methylphenol	8.46	107	63142	43.228	ng	98
18) Hexachloroethane	9.09	117	24343	34.359	ng	91
19) n-Nitroso-di-n-propylamine	8.82	70	49665	36.046	ng	90
20) 3+4-Methylphenols	8.79	107	88022	42.266	ng	96
22) Acetophenone	8.85	105	100826	30.952	ng	95
24) Nitrobenzene	9.24	77	75940	32.959	ng	98
25) Isophorone	9.75	82	147821	37.646	ng	96
26) 2-Nitrophenol	9.95	139	41843	33.575	ng	97
27) 2,4-Dimethylphenol	10.00	122	74838	42.683	ng	93
28) bis(2-Chloroethoxy)methane	10.23	93	89045	37.732	ng	97
29) 2,4-Dichlorophenol	10.48	162	82898	38.058	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	79195	30.259	ng	98
31) Naphthalene	10.88	128	216735	34.644	ng	99
32) Benzoic acid	10.16	122	18170	22.981	ng	97
33) 4-Chloroaniline	11.00	127	28826	10.298	ng	96
34) Hexachlorobutadiene	11.14	225	50167	27.857	ng	96
35) Caprolactam	11.78	113	18162	20.793	ng	96
36) 4-Chloro-3-methylphenol	12.12	107	90079	38.665	ng	91
37) 2-Methylnaphthalene	12.48	142	168924	36.015	ng	98
38) 1-Methylnaphthalene	12.71	142	164763	36.598	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	104403	30.698	ng	99

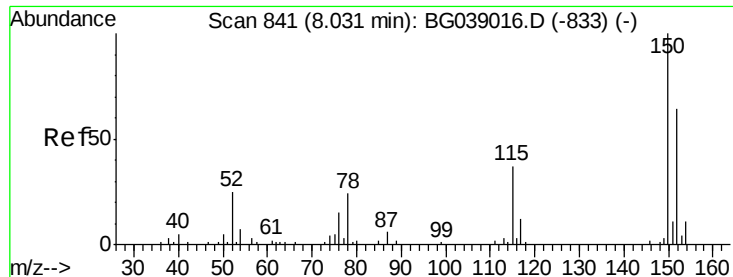
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011619\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	106927	57.557	ng	95
43) 2,4,6-Trichlorophenol	13.09	196	74873	34.980	ng	93
44) 2,4,5-Trichlorophenol	13.17	196	81459	36.007	ng	95
46) 1,1'-Biphenyl	13.49	154	232741	32.435	ng	99
47) 2-Chloronaphthalene	13.54	162	186866	32.181	ng	99
48) 2-Nitroaniline	13.75	65	58364	35.878	ng	98
49) Acenaphthylene	14.39	152	314167	35.996	ng	99
50) Dimethylphthalate	14.11	163	260465	34.037	ng	99
51) 2,6-Dinitrotoluene	14.24	165	59675	34.879	ng	91
52) Acenaphthene	14.72	154	177568	33.862	ng	96
53) 3-Nitroaniline	14.58	138	28325	16.320	ng	91
54) 2,4-Dinitrophenol	14.79	184	27093	30.090	ng	98
55) Dibenzofuran	15.06	168	311467	33.631	ng	98
56) 4-Nitrophenol	14.89	139	86454	69.229	ng	88
57) 2,4-Dinitrotoluene	15.03	165	84482	34.418	ng	96
58) Fluorene	15.71	166	251183	36.032	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	79219	37.096	ng	97
60) Diethylphthalate	15.46	149	269917	34.234	ng	100
61) 4-Chlorophenyl-phenylether	15.69	204	140523	31.996	ng	96
62) 4-Nitroaniline	15.74	138	62215	34.410	ng	92
63) Azobenzene	15.98	77	218132	35.378	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	36159	21.190	ng	91
66) n-Nitrosodiphenylamine	15.91	169	233576	34.208	ng	98
67) 4-Bromophenyl-phenylether	16.59	248	92305	31.175	ng	97
68) Hexachlorobenzene	16.70	284	99471	30.788	ng	98
69) Atrazine	16.85	200	94745	32.662	ng	95
70) Pentachlorophenol	17.05	266	91248	48.197	ng	94
71) Phenanthrene	17.45	178	433780	35.630	ng	99
72) Anthracene	17.54	178	441909	36.711	ng	100
73) Carbazole	17.82	167	396950	33.404	ng	99
74) Di-n-butylphthalate	18.35	149	467351	35.353	ng	99
75) Fluoranthene	19.46	202	533969	35.379	ng	99
77) Benzidine	19.64	184	117648	16.456	ng	99
78) Pyrene	19.82	202	541944	36.382	ng	99
80) Butylbenzylphthalate	20.69	149	213008	37.598	ng	99
81) Benzo(a)anthracene	21.66	228	523501	36.792	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	93739	16.169	ng	97
83) Chrysene	21.73	228	482859	35.681	ng	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	300244	38.167	ng	96
85) Di-n-octyl phthalate	22.74	149	514088	38.648	ng	99
86) Indeno(1,2,3-cd)pyrene	28.69	276	583871	36.107	ng	# 93
88) Benzo(b)fluoranthene	23.90	252	510749	36.969	ng	99
89) Benzo(k)fluoranthene	23.90	252	510749	37.390	ng	98
90) Benzo(a)pyrene	24.79	252	504344	37.767	ng	# 97
91) Dibenzo(a,h)anthracene	28.75	278	485400	36.543	ng	97
92) Benzo(g,h,i)perylene	29.87	276	489945	37.259	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 838

Delta R.T. -0.02 min

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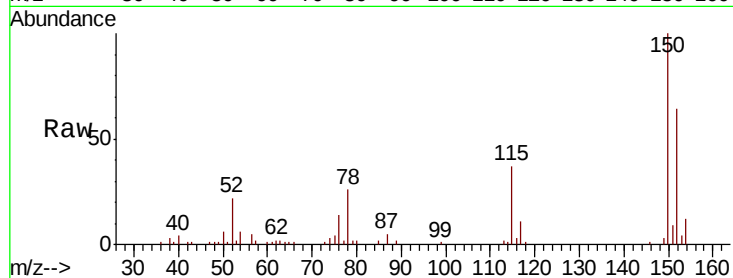
Tgt Ion:152 Resp: 27657

Ion Ratio Lower Upper

152 100

150 155.4 124.7 187.1

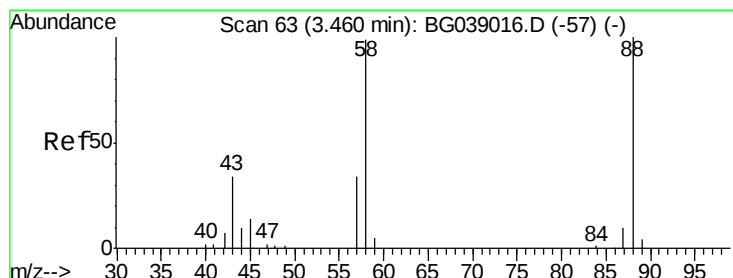
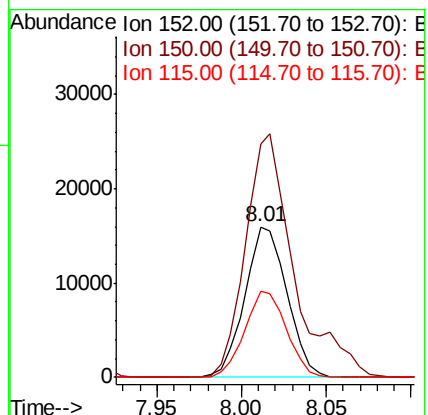
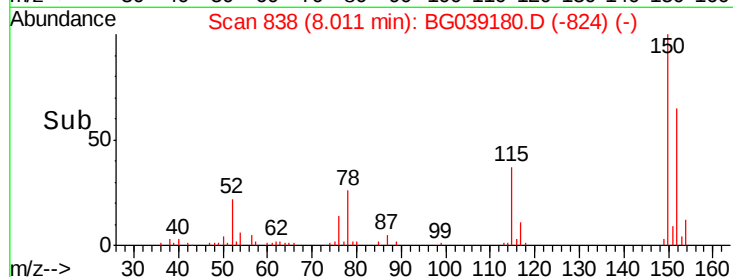
115 56.9 46.5 69.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.763 ng

RT: 3.44 min Scan# 60

Delta R.T. -0.02 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

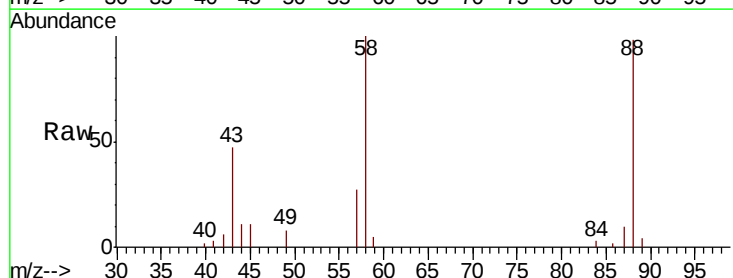
Tgt Ion: 88 Resp: 16422

Ion Ratio Lower Upper

88 100

58 94.8 72.4 108.6

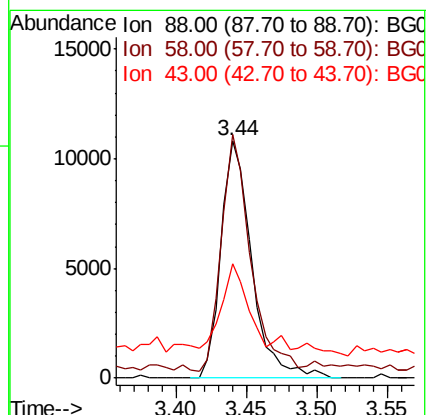
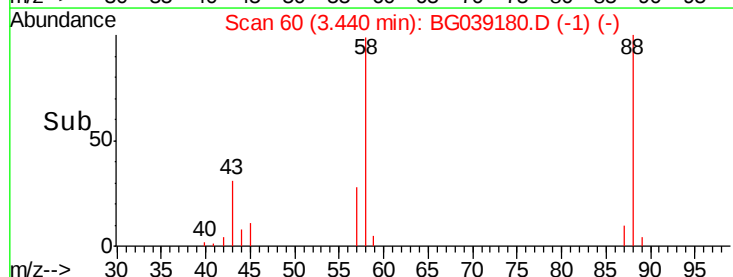
43 28.9 27.6 41.4

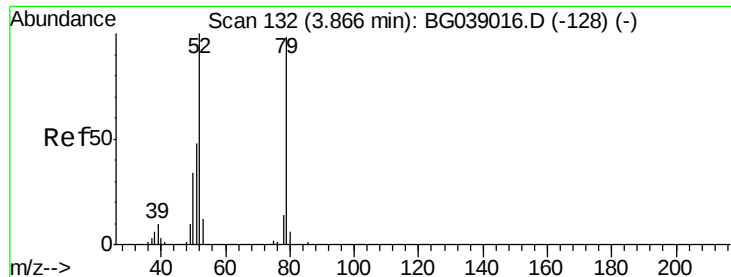


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 30.740 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.02 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA_G

ClientSampleId :

PB116427BS

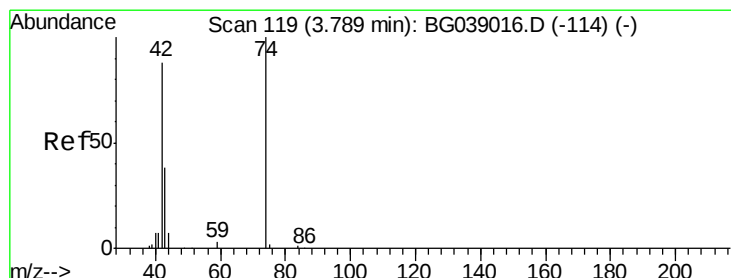
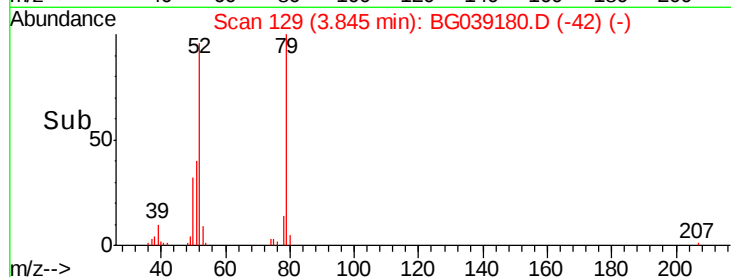
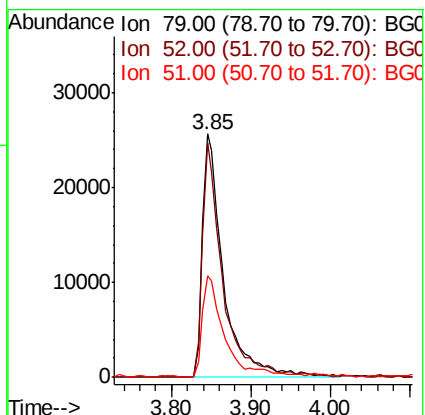
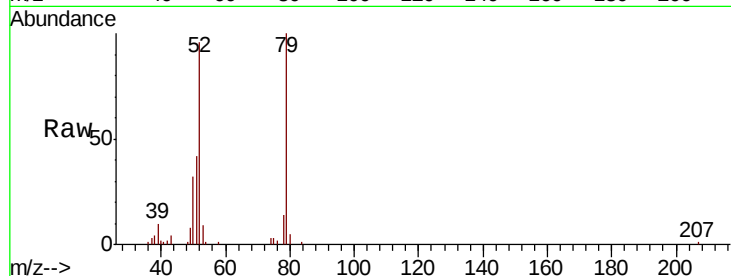
Tgt Ion: 79 Resp: 47689

Ion Ratio Lower Upper

79 100

52 96.4 81.5 122.3

51 41.6 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 37.111 ng

RT: 3.77 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

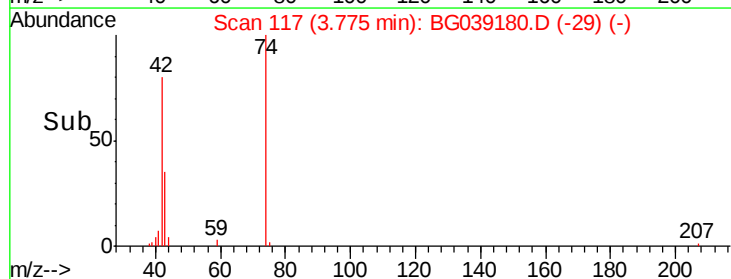
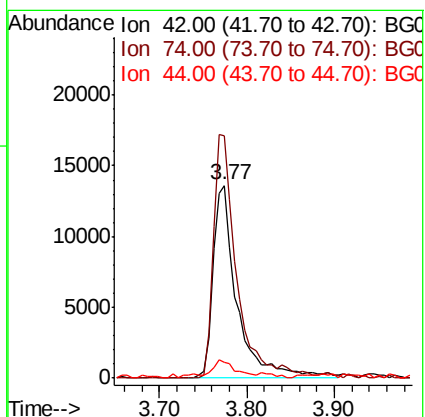
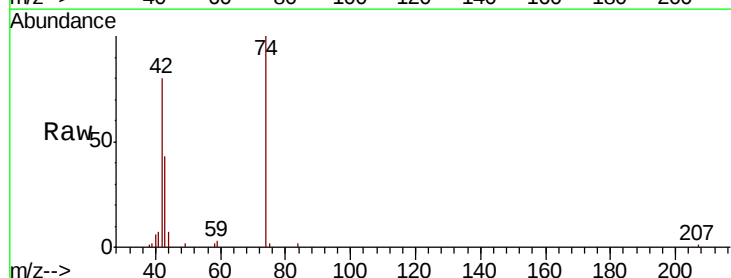
Tgt Ion: 42 Resp: 25907

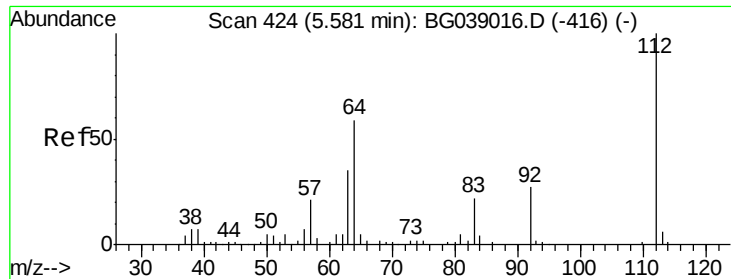
Ion Ratio Lower Upper

42 100

74 125.4 90.7 136.1

44 8.2 6.5 9.7





#5

2-Fluorophenol

Concen: 128.586 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA_G

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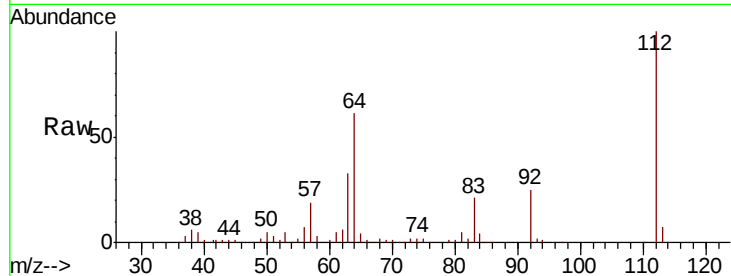
Tgt Ion: 112 Resp: 187472

Ion Ratio Lower Upper

112 100

64 60.6 47.0 70.6

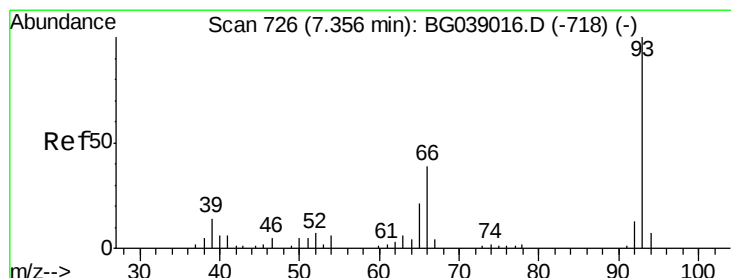
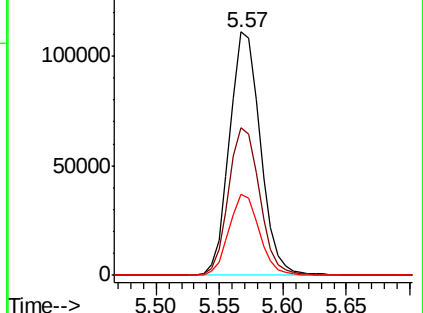
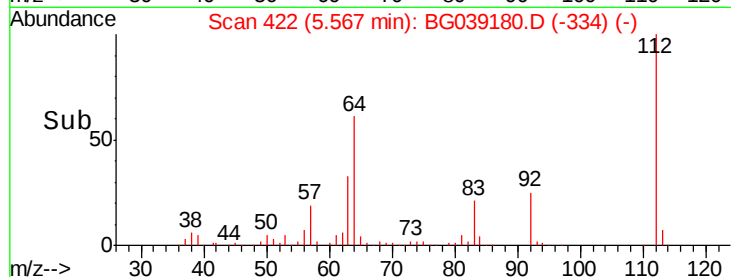
63 33.5 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 17.412 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

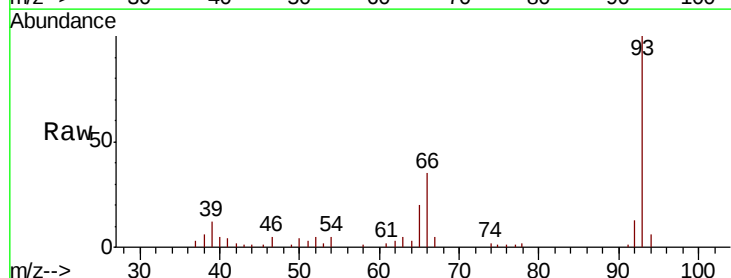
Tgt Ion: 93 Resp: 43876

Ion Ratio Lower Upper

93 100

66 35.0 30.9 46.3

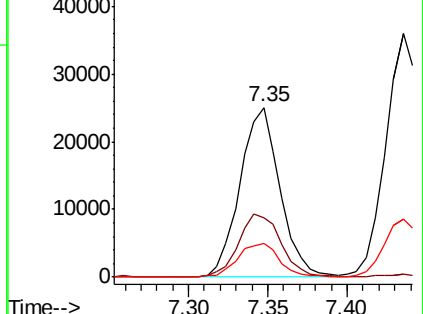
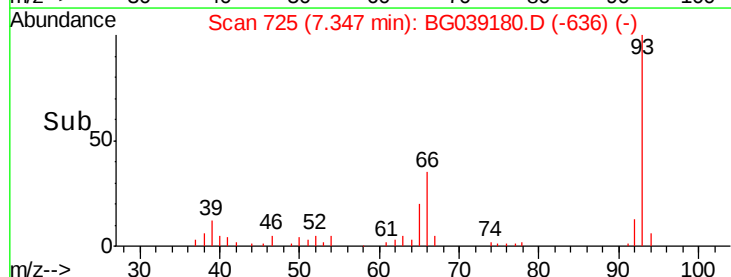
65 19.8 17.0 25.4

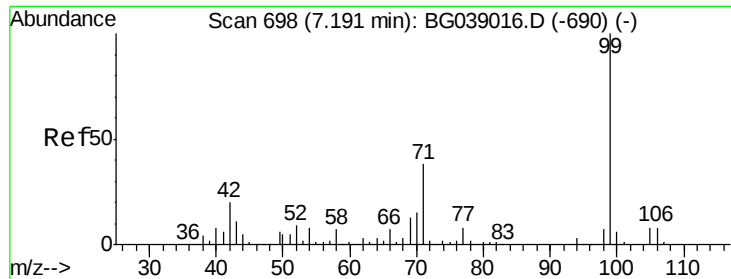


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 129.719 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039180.D

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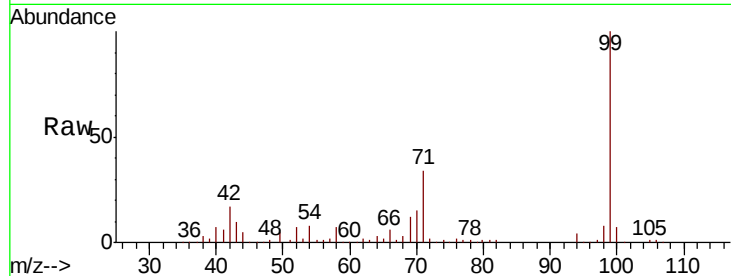
Tgt Ion: 99 Resp: 272173

Ion Ratio Lower Upper

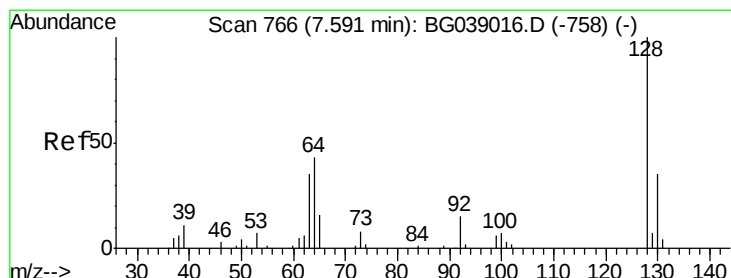
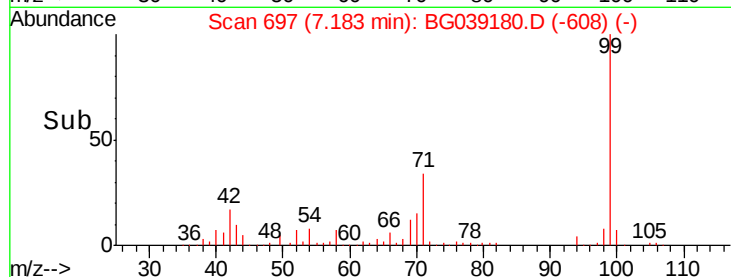
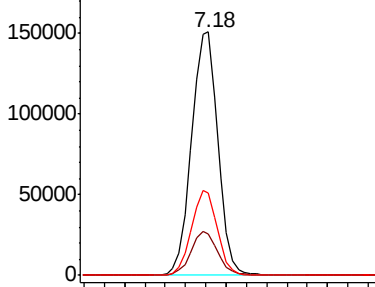
99 100

42 16.9 15.8 23.6

71 33.7 30.2 45.4



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



#8

2-Chlorophenol

Concen: 40.699 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG039180.D

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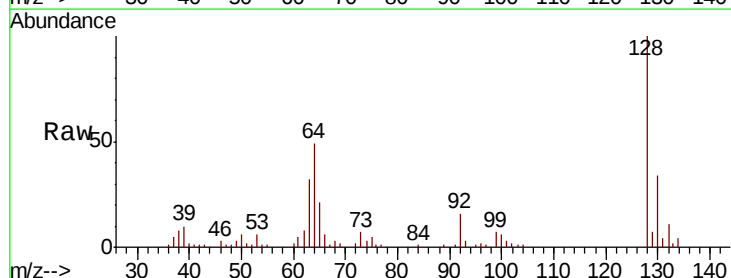
Tgt Ion: 128 Resp: 69946

Ion Ratio Lower Upper

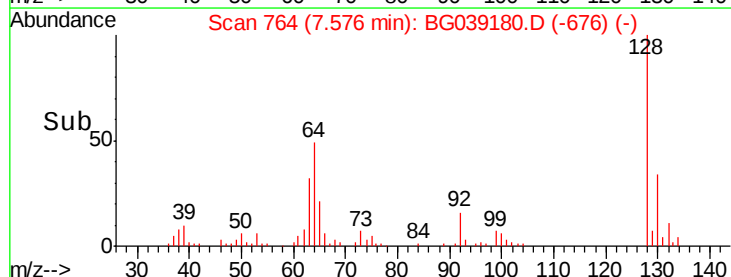
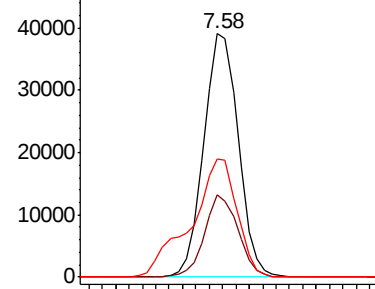
128 100

130 33.7 14.5 54.5

64 48.6 27.3 67.3



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: 15.615 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG039180.D

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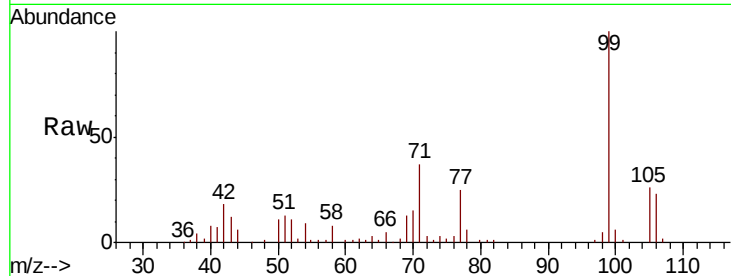
Tgt Ion: 77 Resp: 18894

Ion Ratio Lower Upper

77 100

105 103.6 82.4 122.4

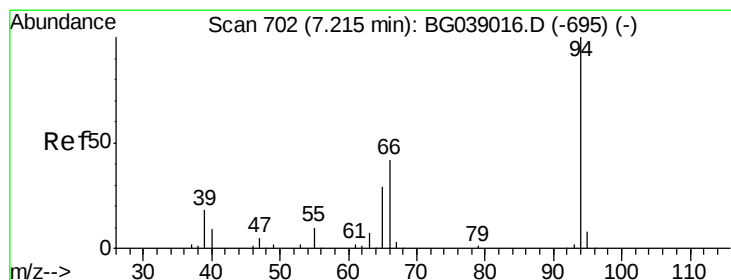
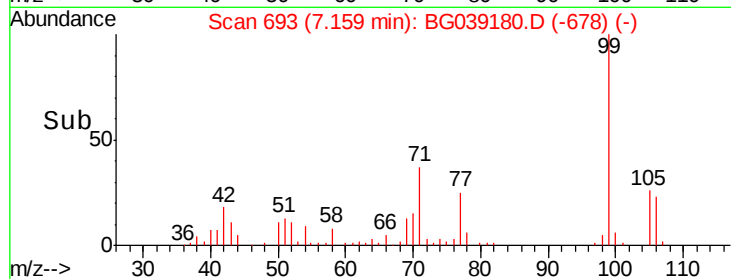
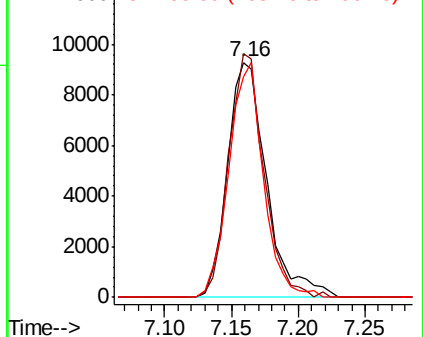
106 93.7 82.8 122.8



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.940 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

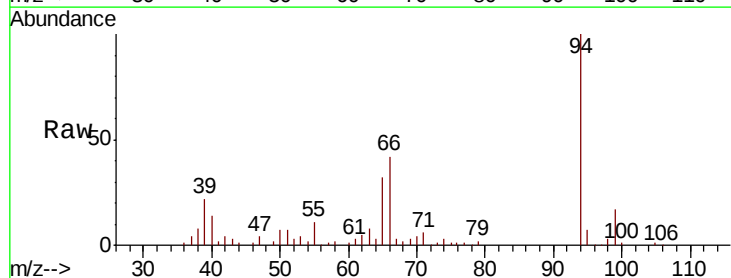
Tgt Ion: 94 Resp: 92431

Ion Ratio Lower Upper

94 100

65 31.9 10.3 50.3

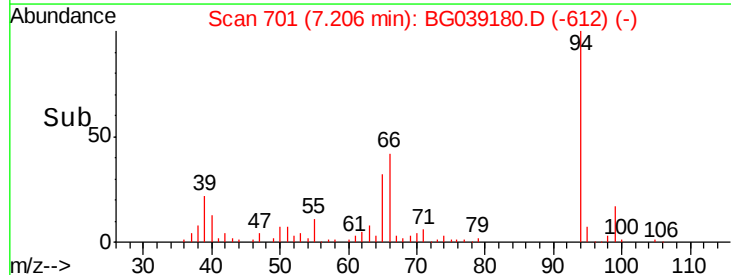
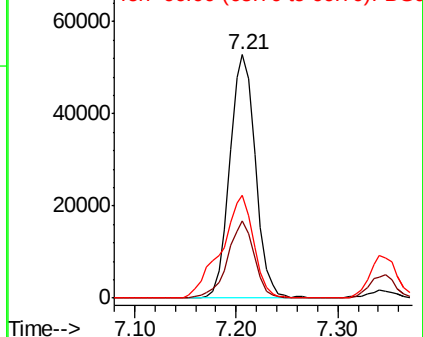
66 42.5 25.1 65.1



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

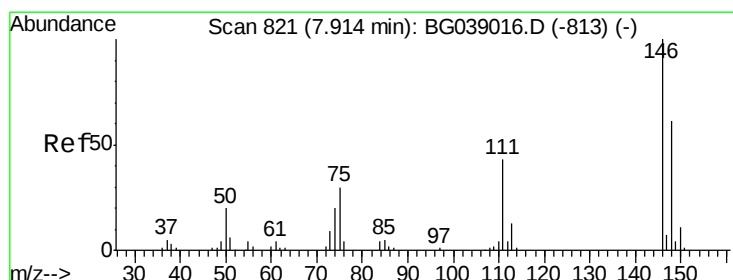
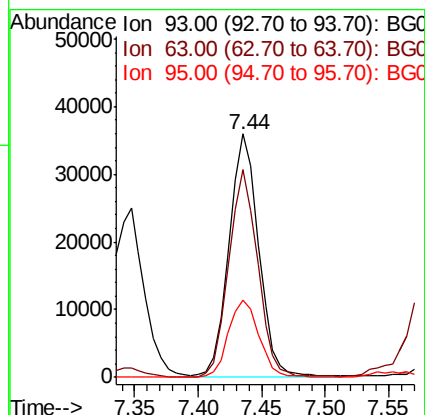
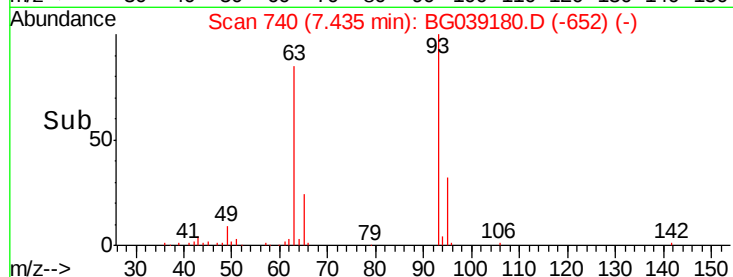
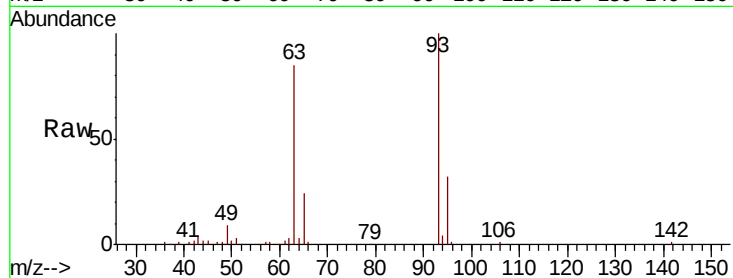




#11
bis(2-Chloroethyl)ether
Concen: 36.511 ng
RT: 7.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BG039180.D
Acq: 17 Jan 2019 6:09

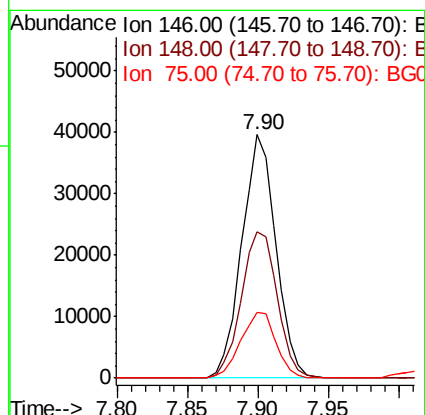
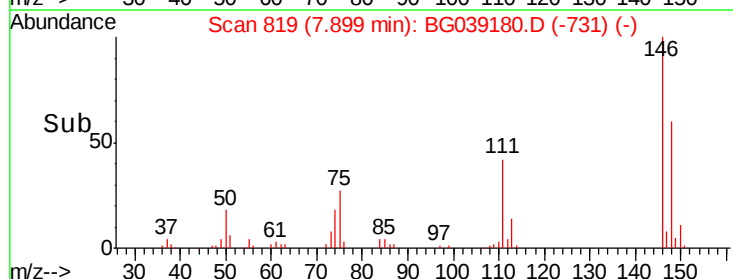
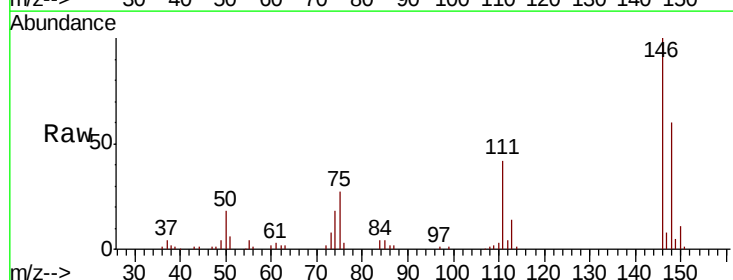
Instrument :
BNA_G
ClientSampleId :
PB116427BS

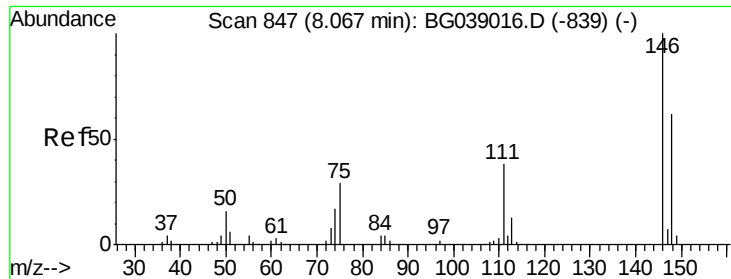
Tgt Ion: 93 Resp: 58700
Ion Ratio Lower Upper
93 100
63 85.1 63.2 103.2
95 31.5 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 32.443 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG039180.D
Acq: 17 Jan 2019 6:09

Tgt Ion: 146 Resp: 66804
Ion Ratio Lower Upper
146 100
148 60.1 49.1 73.7
75 27.0 23.9 35.9

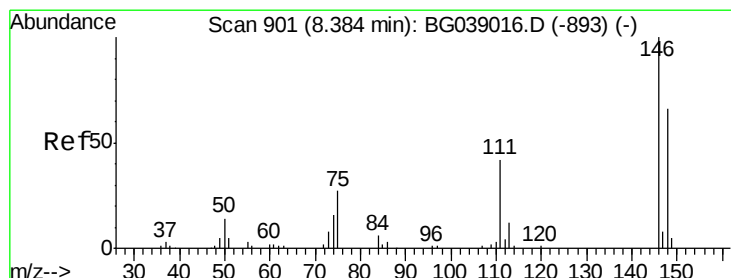
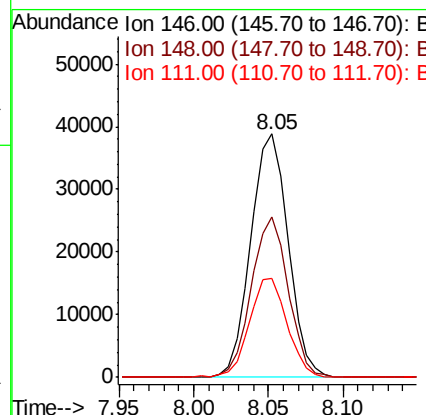
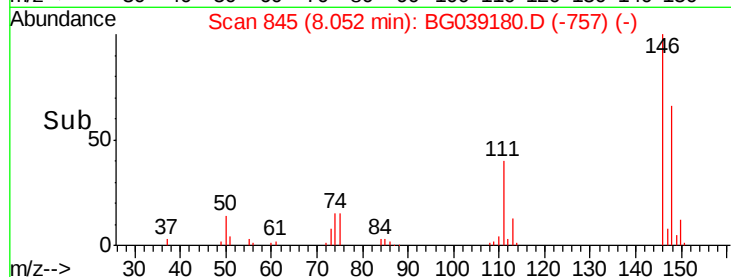
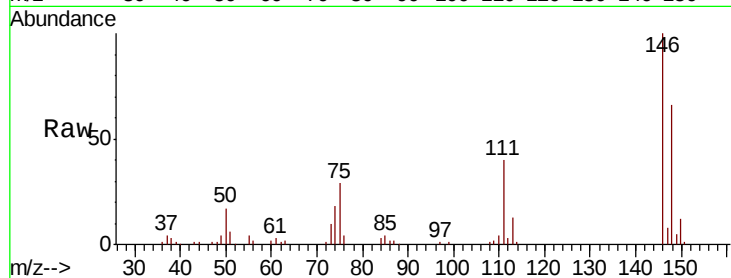




#13
 1,4-Dichlorobenzene
 Concen: 32.217 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BG039180.D
 Acq: 17 Jan 2019 6:09

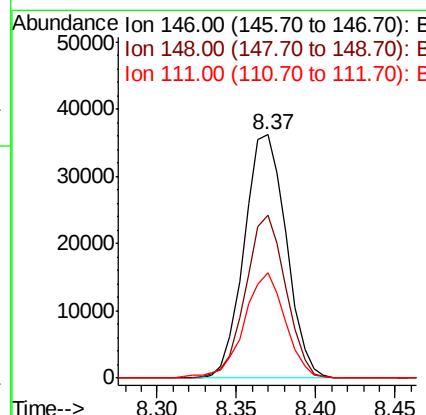
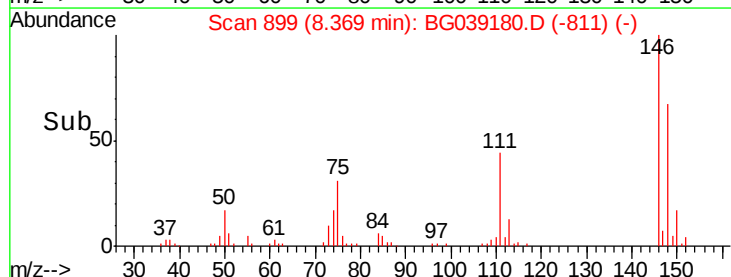
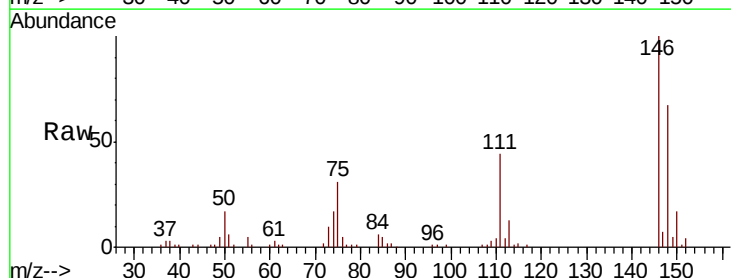
Instrument :
 BNA_G
 ClientSampleID :
 PB116427BS

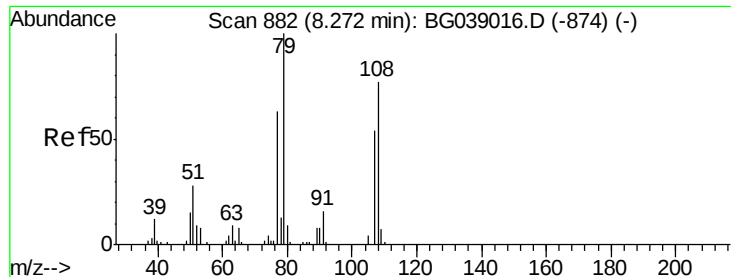
Tgt Ion:146 Resp: 67185
 Ion Ratio Lower Upper
 146 100
 148 65.9 49.8 74.6
 111 40.4 30.6 45.8



#14
 1,2-Dichlorobenzene
 Concen: 33.538 ng
 RT: 8.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BG039180.D
 Acq: 17 Jan 2019 6:09

Tgt Ion:146 Resp: 66686
 Ion Ratio Lower Upper
 146 100
 148 66.8 52.6 79.0
 111 43.5 34.6 51.8





#15

Benzyl Alcohol

Concen: 39.139 ng

RT: 8.26 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA_G

ClientSampleId :

PB116427BS

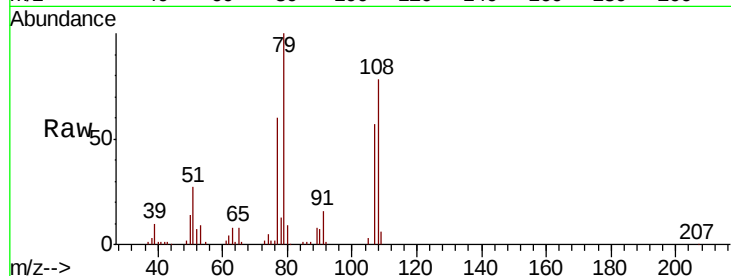
Tgt Ion: 79 Resp: 61843

Ion Ratio Lower Upper

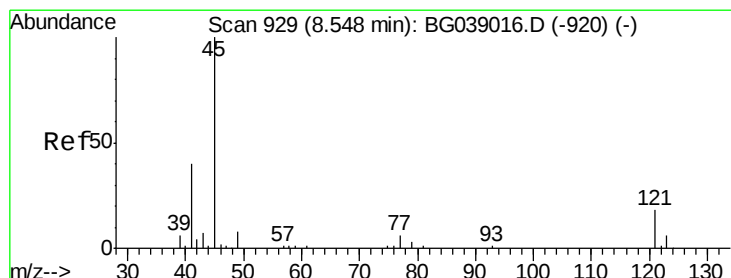
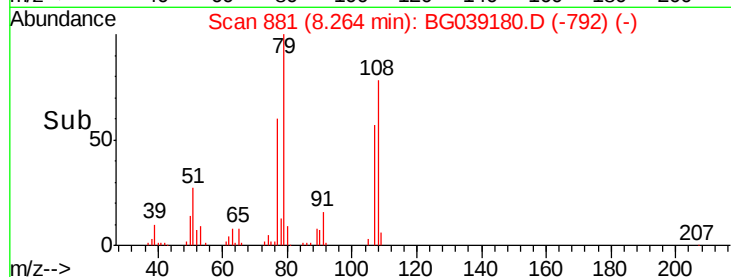
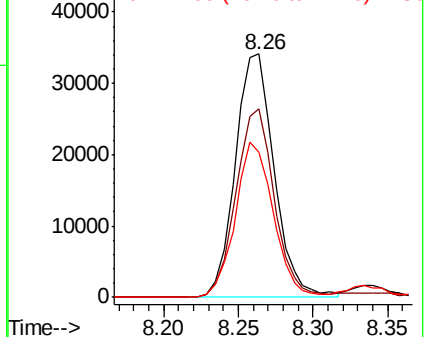
79 100

108 77.6 62.0 93.0

77 59.6 50.1 75.1



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: 35.599 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

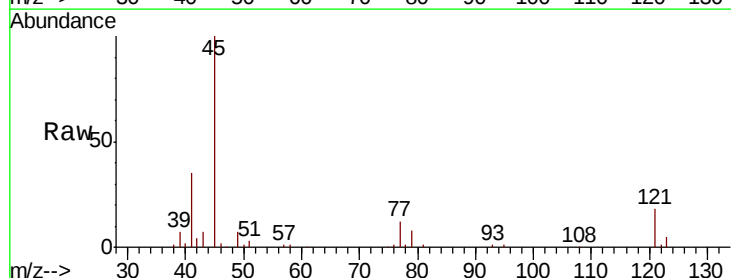
Tgt Ion: 45 Resp: 109747

Ion Ratio Lower Upper

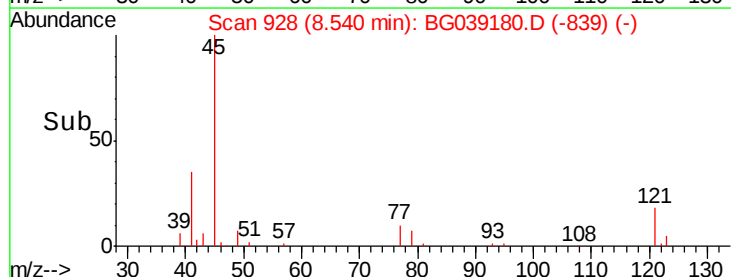
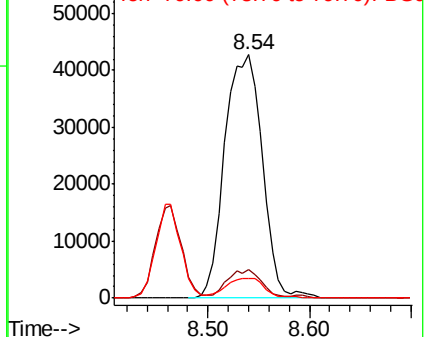
45 100

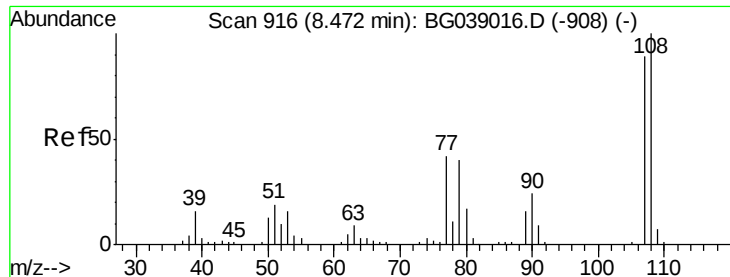
77 11.6 0.0 30.7

79 8.3 0.0 28.5



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

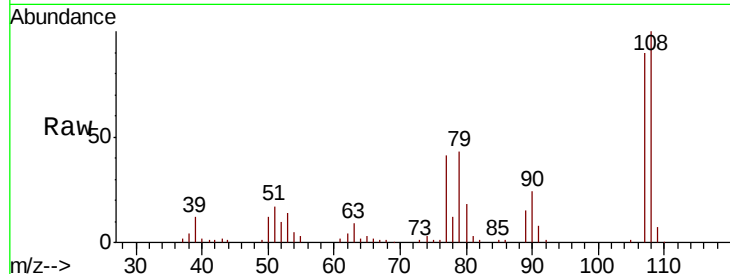




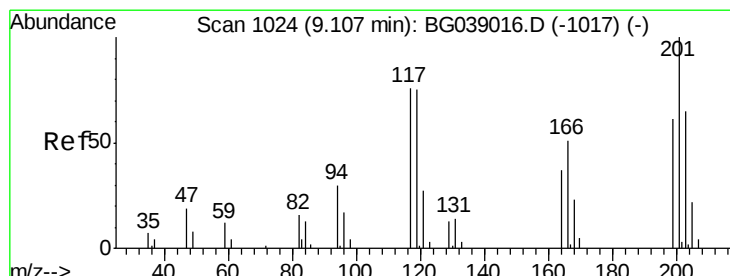
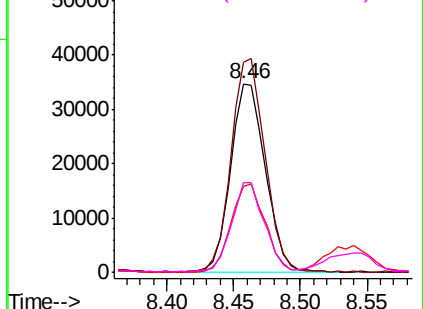
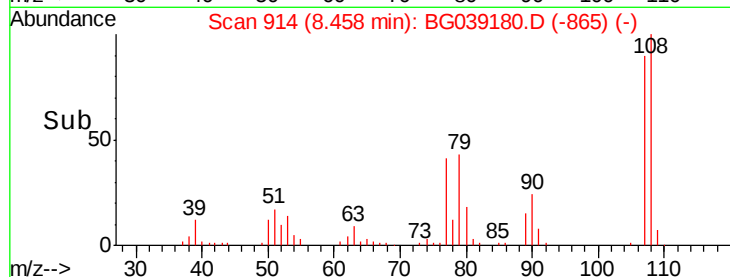
#17
2-Methylphenol
Concen: 43.228 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG039180.D
Acq: 17 Jan 2019 6:09

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tgt Ion:107 Resp: 63142
Ion Ratio Lower Upper
107 100
108 111.5 90.3 135.5
77 45.6 38.3 57.5
79 47.5 35.8 53.6

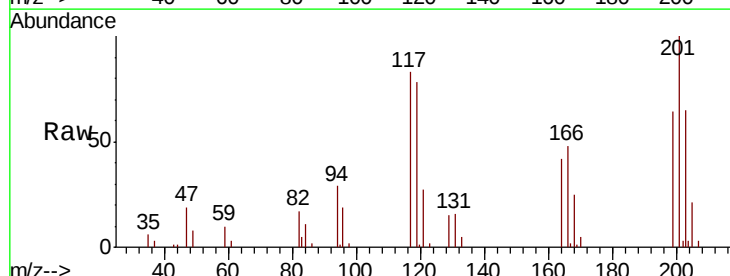


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

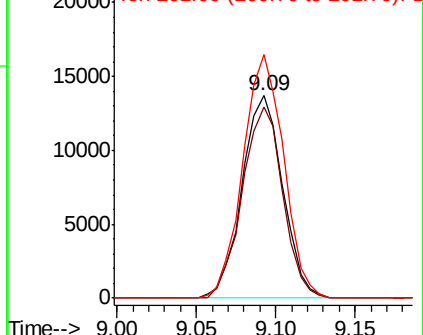
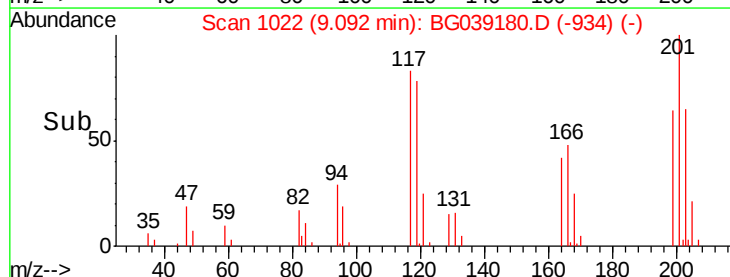


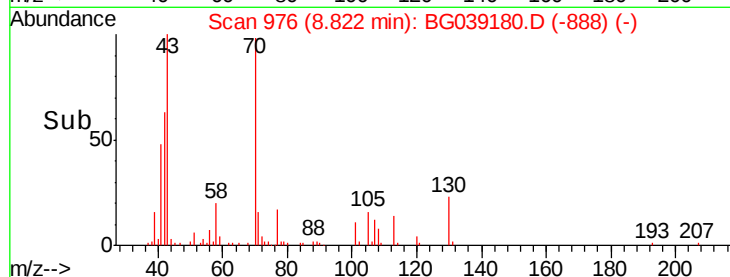
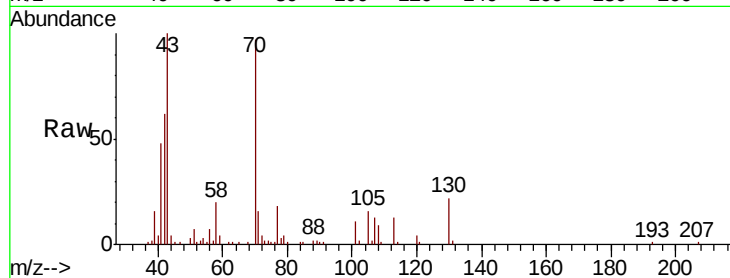
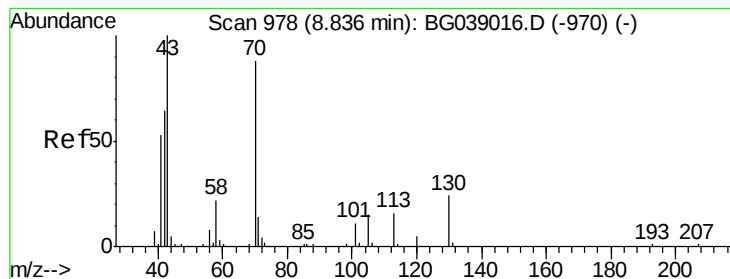
#18
Hexachloroethane
Concen: 34.359 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG039180.D
Acq: 17 Jan 2019 6:09

Tgt Ion:117 Resp: 24343
Ion Ratio Lower Upper
117 100
119 94.4 78.7 118.1
201 120.5 108.1 162.1



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





#19

n-Nitroso-di-n-propylamine

Concen: 36.046 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA_G

ClientSampleId :

PB116427BS

Tgt Ion: 70 Resp: 49665

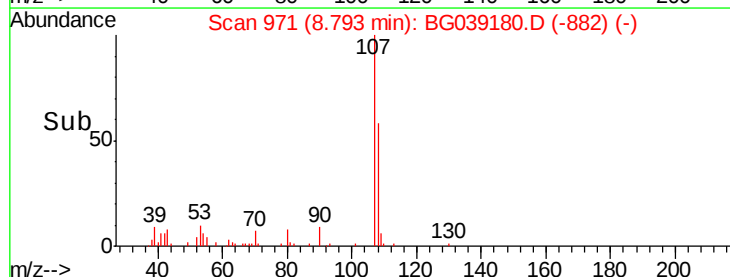
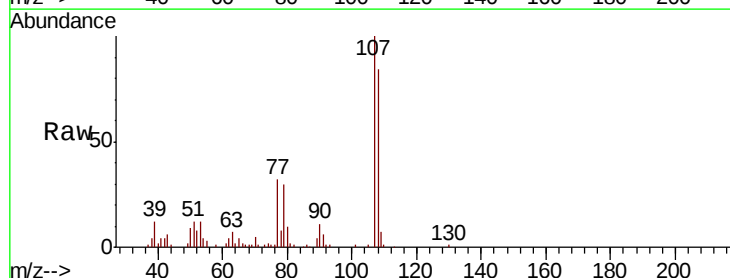
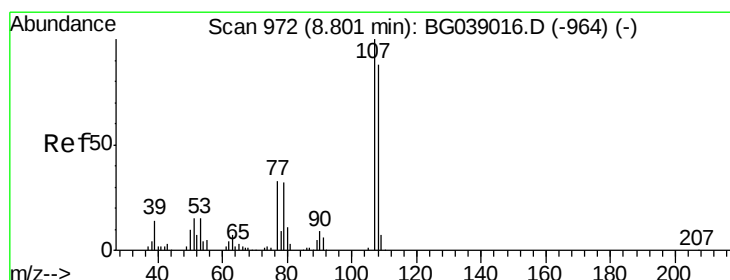
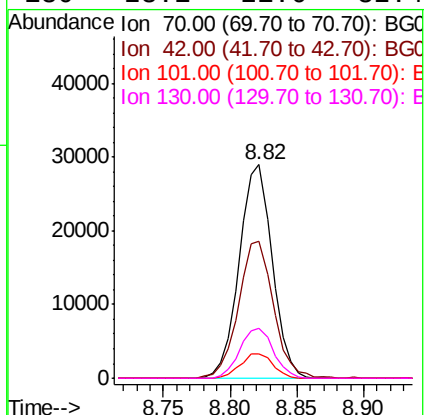
Ion Ratio Lower Upper

70 100

42 64.0 59.0 88.4

101 11.2 10.4 15.6

130 23.1 21.6 32.4



#20

3+4-Methylphenols

Concen: 42.266 ng

RT: 8.79 min Scan# 971

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Tgt Ion: 107 Resp: 88022

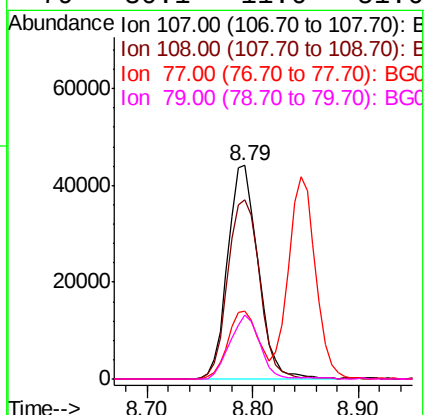
Ion Ratio Lower Upper

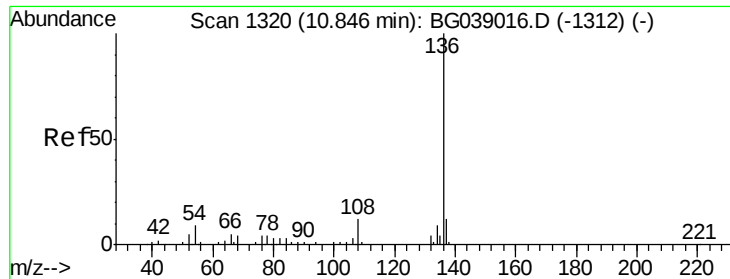
107 100

108 84.2 68.4 108.4

77 32.1 13.3 53.3

79 30.1 11.6 51.6

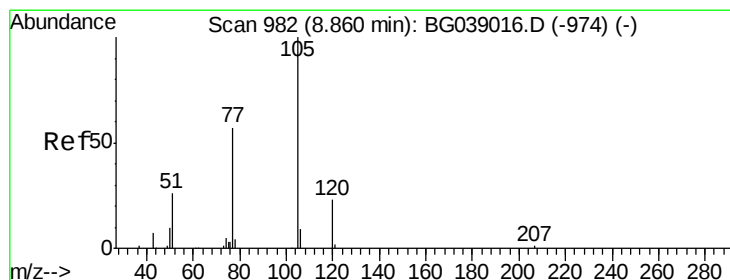
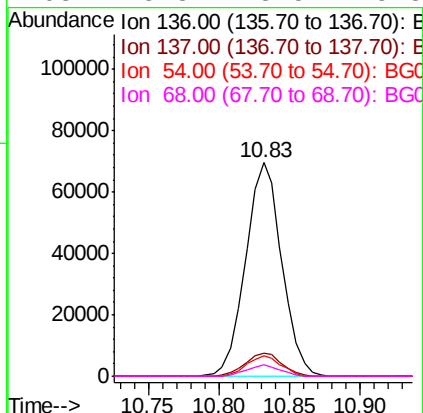
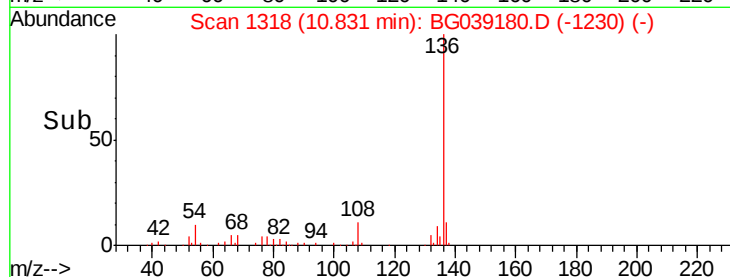
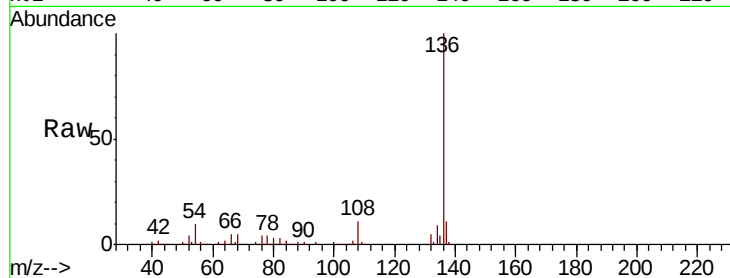




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039180.D
Acq: 17 Jan 2019 6:09

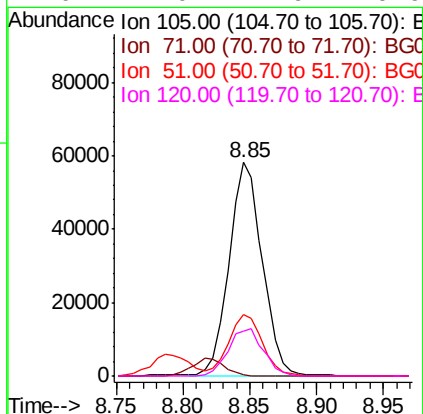
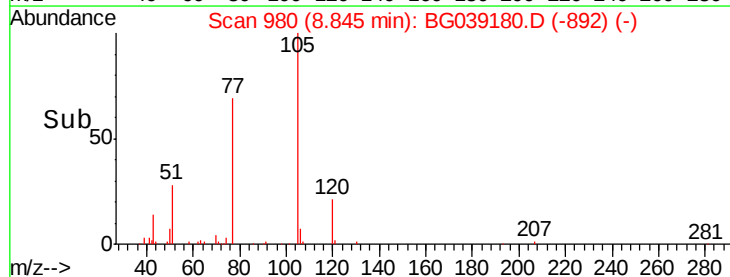
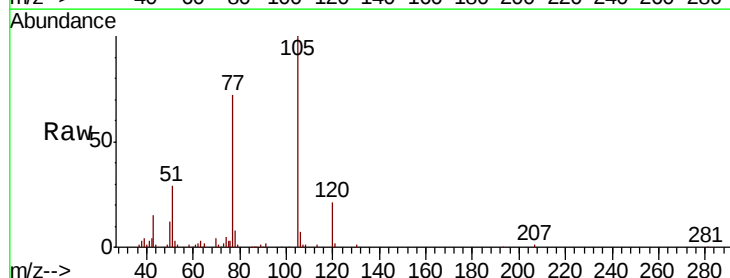
Instrument :
BNA_G
ClientSampleId :
PB116427BS

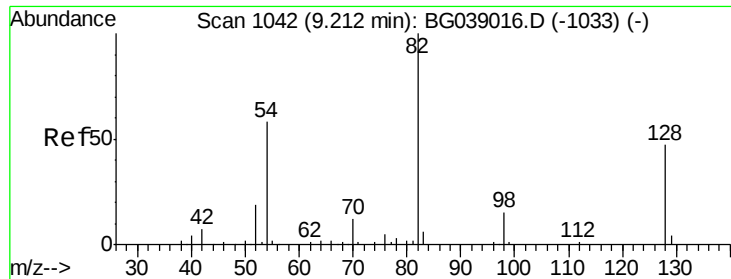
Tgt Ion:	136	Resp:	124735
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.4	14.2
54	9.5	7.2	10.8
68	5.3	3.5	5.3#



#22
Acetophenone
Concen: 30.952 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG039180.D
Acq: 17 Jan 2019 6:09

Tgt Ion:	105	Resp:	100826
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.6	1.0
51	29.1	26.6	39.8
120	21.0	17.9	26.9

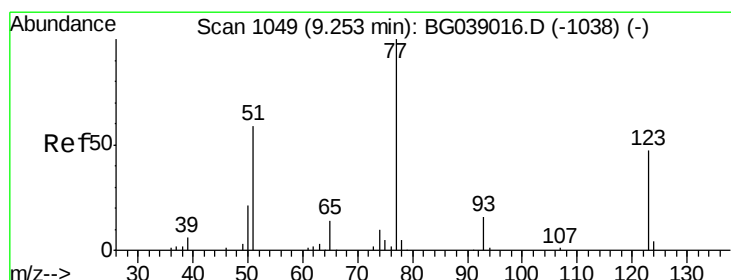
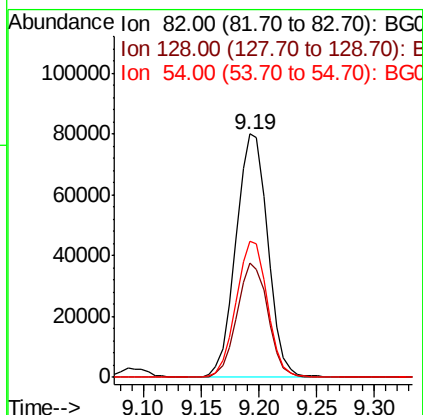
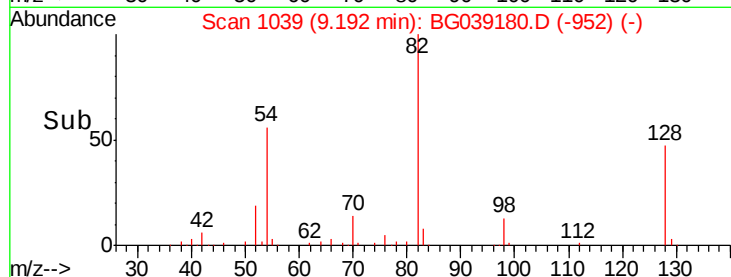
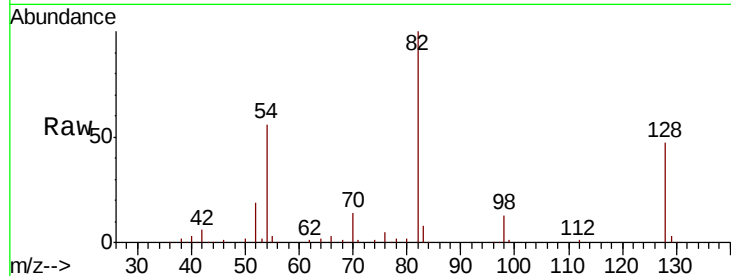




#23
 Nitrobenzene-d5
 Concen: 67.071 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BG039180.D
 Acq: 17 Jan 2019 6:09

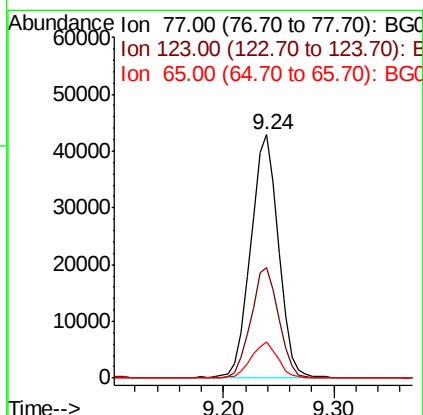
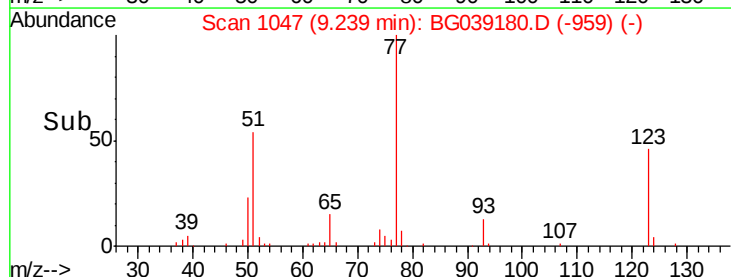
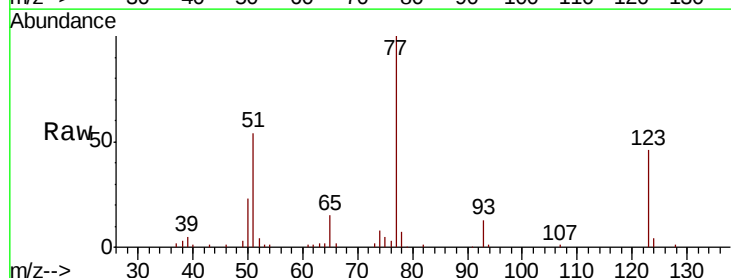
Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

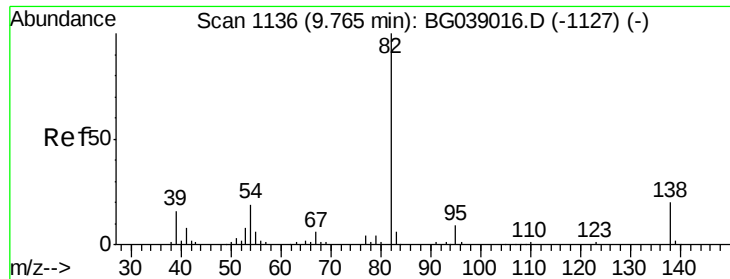
Tgt Ion: 82 Resp: 152891
 Ion Ratio Lower Upper
 82 100
 128 46.7 37.3 55.9
 54 55.7 46.4 69.6



#24
 Nitrobenzene
 Concen: 32.959 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG039180.D
 Acq: 17 Jan 2019 6:09

Tgt Ion: 77 Resp: 75940
 Ion Ratio Lower Upper
 77 100
 123 45.6 37.6 56.4
 65 14.9 11.0 16.6

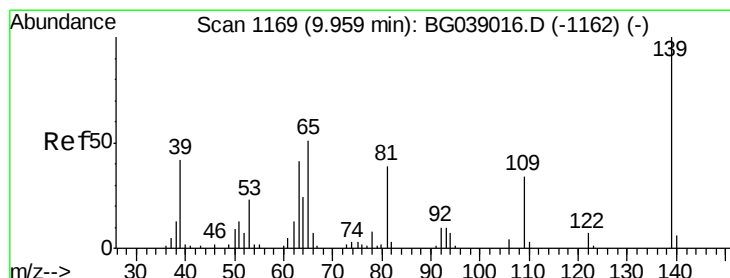
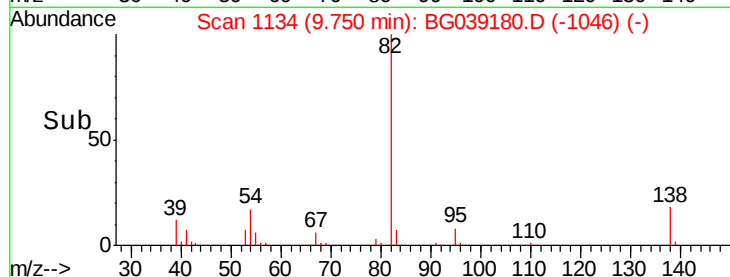
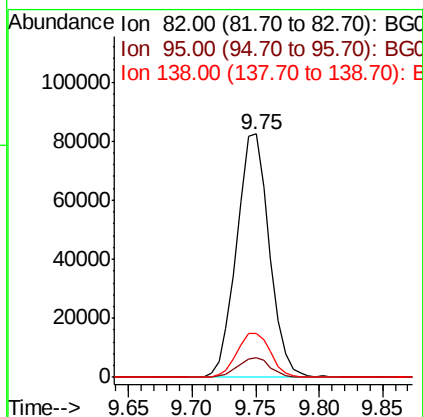
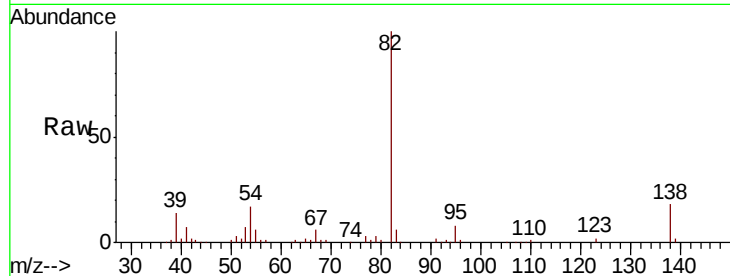




#25
Isophorone
Concen: 37.646 ng
RT: 9.75 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BG039180.D
Acq: 17 Jan 2019 6:09

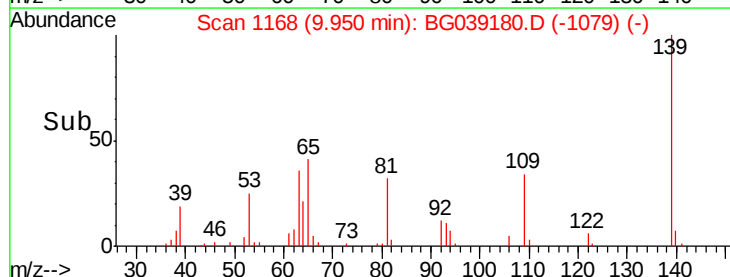
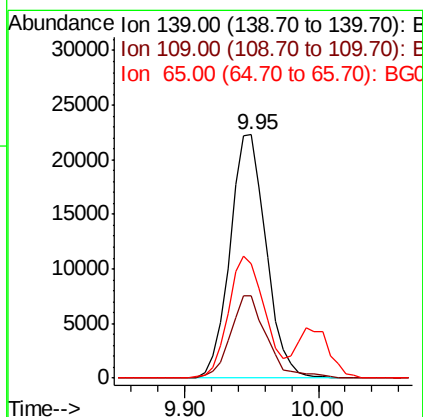
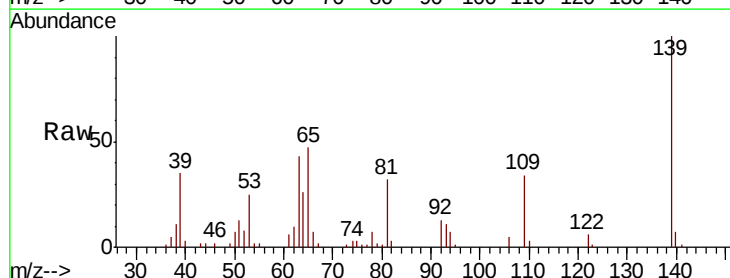
Instrument :
BNA_G
ClientSampleId :
PB116427BS

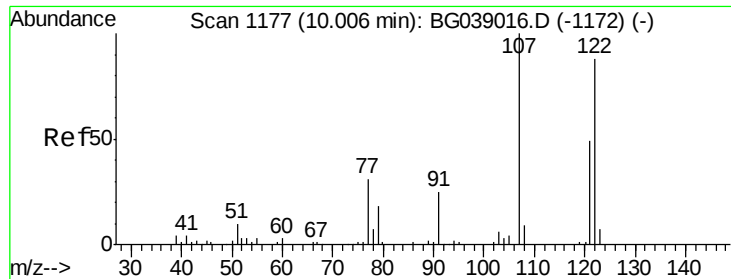
Tgt Ion: 82 Resp: 147821
Ion Ratio Lower Upper
82 100
95 7.9 7.0 10.6
138 18.1 16.2 24.4



#26
2-Nitrophenol
Concen: 33.575 ng
RT: 9.95 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG039180.D
Acq: 17 Jan 2019 6:09

Tgt Ion: 139 Resp: 41843
Ion Ratio Lower Upper
139 100
109 33.9 27.3 40.9
65 47.0 40.6 61.0

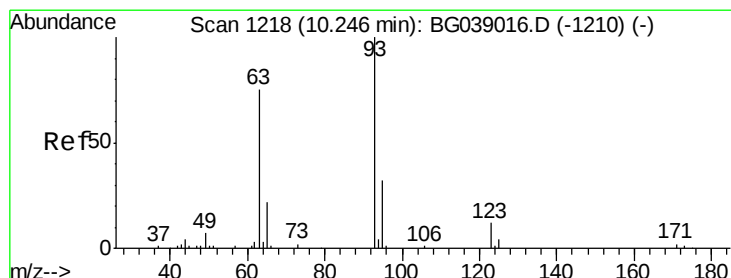
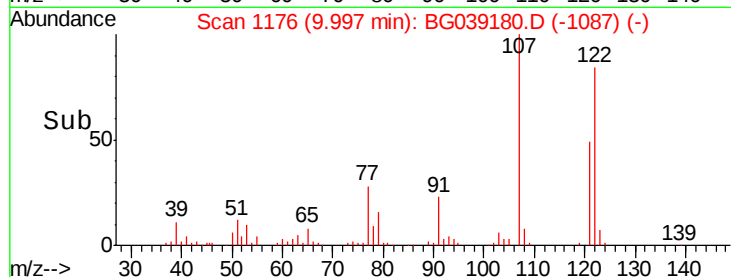
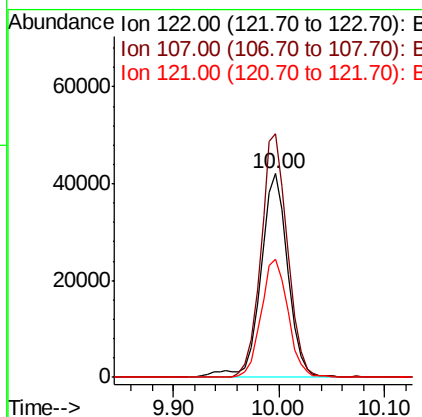
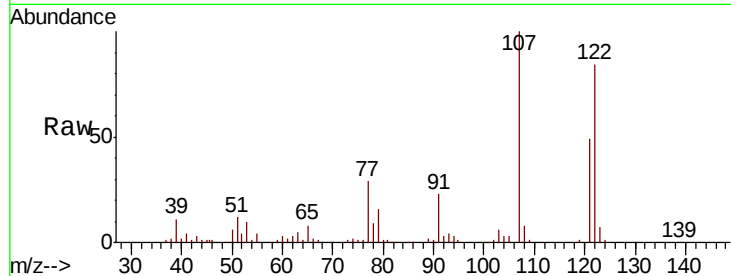




#27
2,4-Dimethylphenol
Concen: 42.683 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BG039180.D
Acq: 17 Jan 2019 6:09

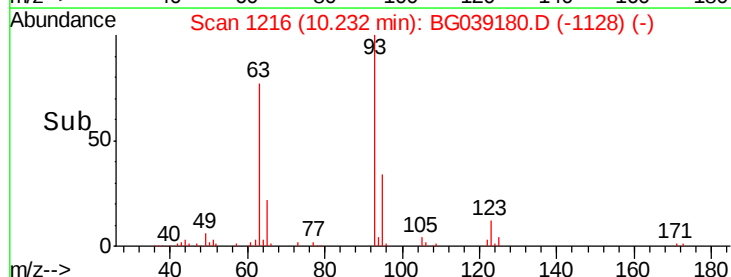
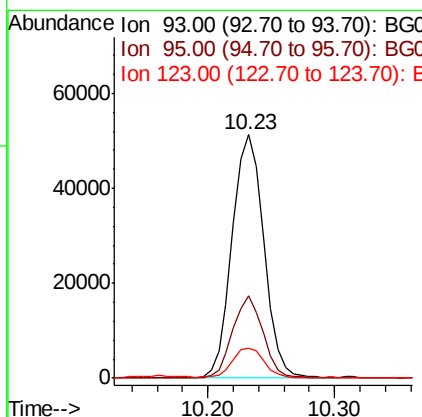
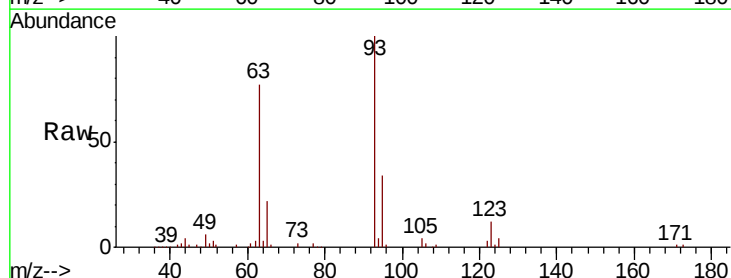
Instrument :
BNA_G
ClientSampleId :
PB116427BS

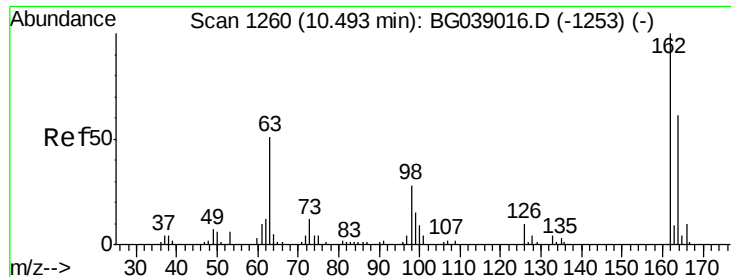
Tgt Ion:122 Resp: 74838
Ion Ratio Lower Upper
122 100
107 119.4 88.8 133.2
121 58.3 43.1 64.7



#28
bis(2-Chloroethoxy)methane
Concen: 37.732 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BG039180.D
Acq: 17 Jan 2019 6:09

Tgt Ion: 93 Resp: 89045
Ion Ratio Lower Upper
93 100
95 33.8 25.6 38.4
123 12.2 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 38.058 ng

RT: 10.48 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA_G

ClientSampleId :

PB116427BS

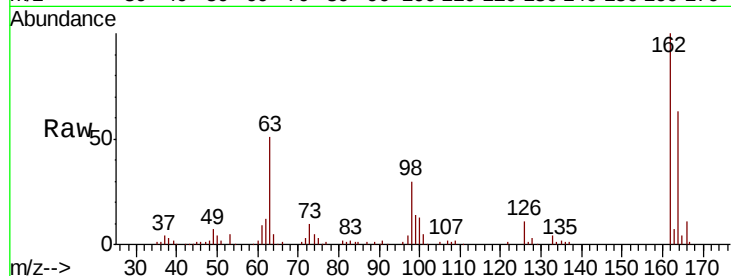
Tgt Ion:162 Resp: 82898

Ion Ratio Lower Upper

162 100

164 62.7 41.3 81.3

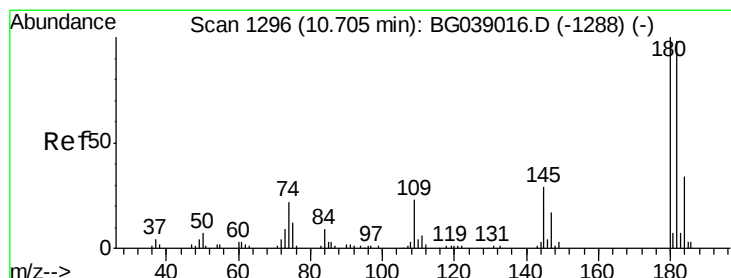
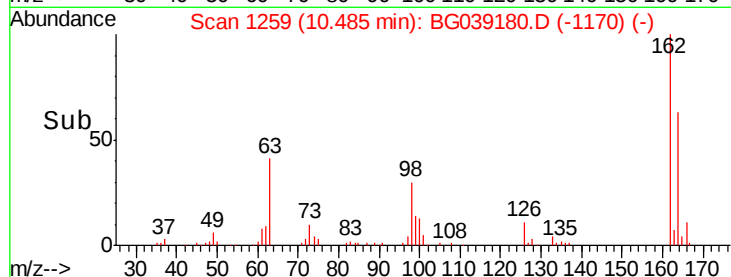
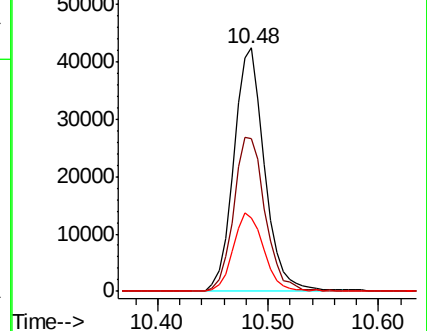
98 30.0 8.3 48.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30

1,2,4-Trichlorobenzene

Concen: 30.259 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

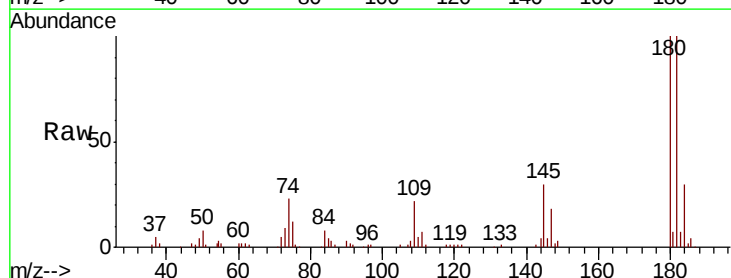
Tgt Ion:180 Resp: 79195

Ion Ratio Lower Upper

180 100

182 99.8 78.1 117.1

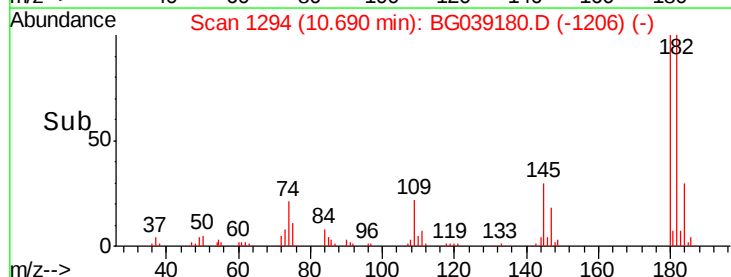
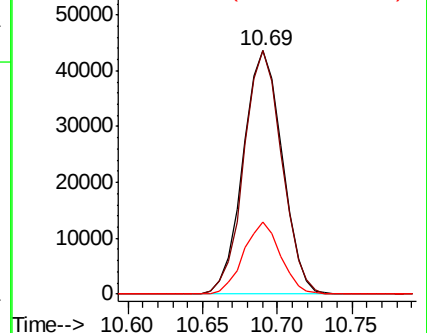
145 29.8 23.1 34.7

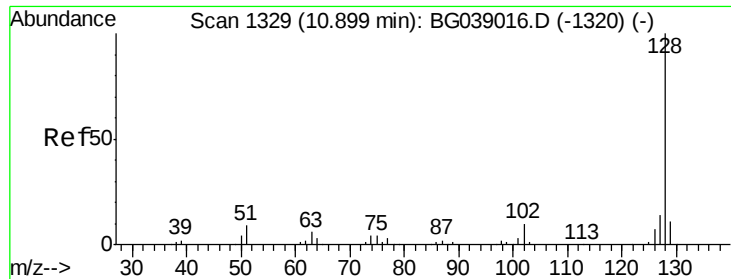


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

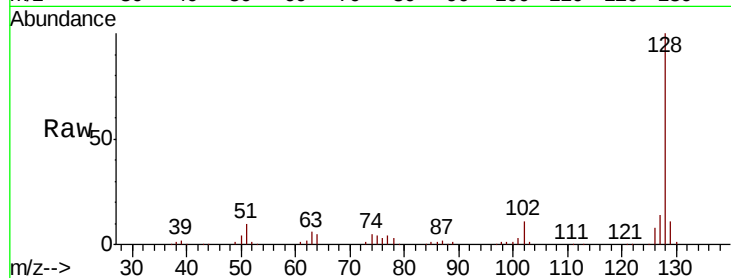




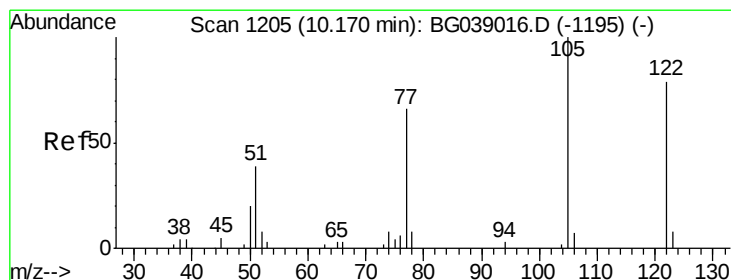
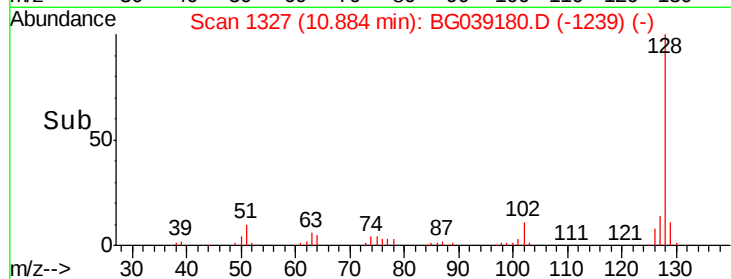
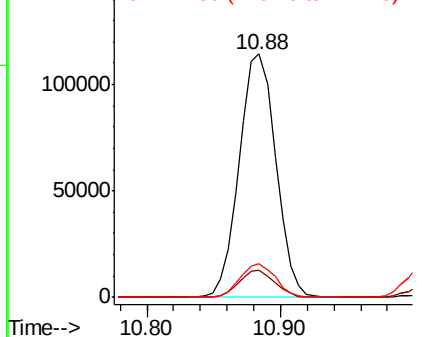
#31
Naphthalene
Concen: 34.644 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG039180.D
Acq: 17 Jan 2019 6:09

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tgt Ion:128 Resp: 216735
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.8 11.2 16.8

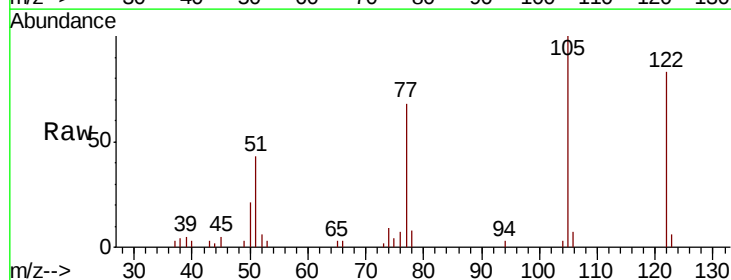


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

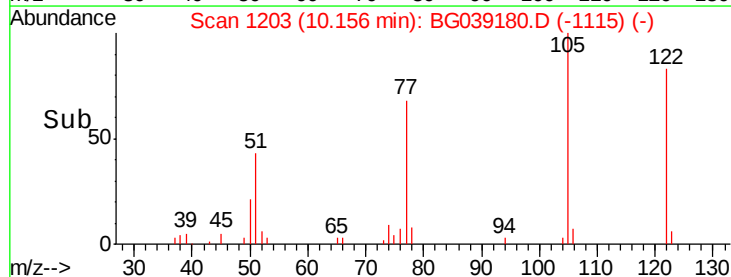
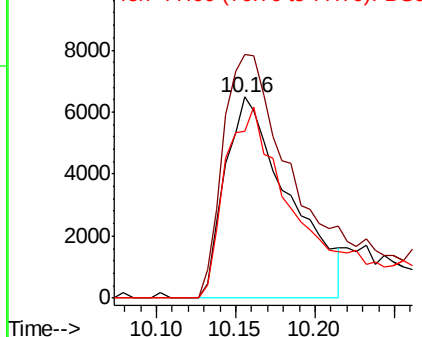


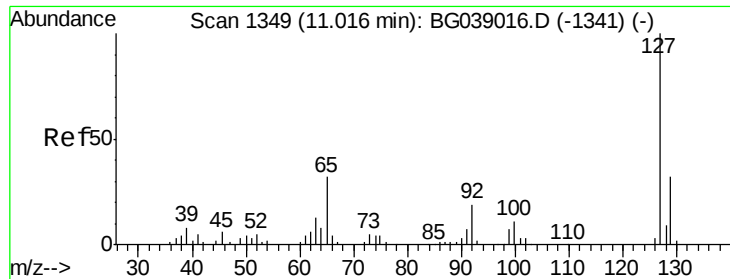
#32
Benzoic acid
Concen: 22.981 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG039180.D
Acq: 17 Jan 2019 6:09

Tgt Ion:122 Resp: 18170
Ion Ratio Lower Upper
122 100
105 121.0 106.4 146.4
77 82.8 63.6 103.6



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

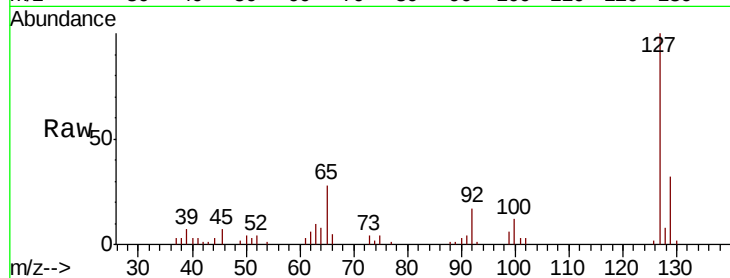




#33
4-Chloroaniline
Concen: 10.298 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039180.D
Acq: 17 Jan 2019 6:09

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tgt Ion:	127	Resp:	28826
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.4	38.0
65	27.9	25.4	38.0
92	16.8	15.2	22.8



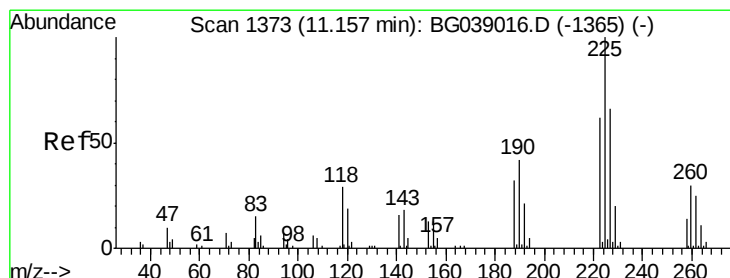
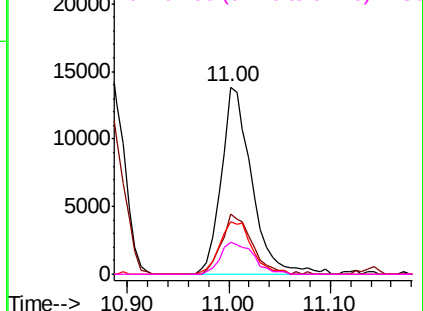
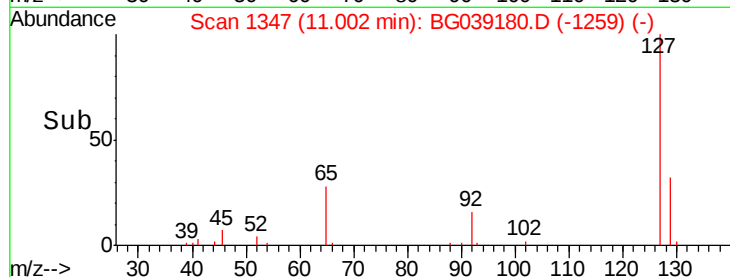
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

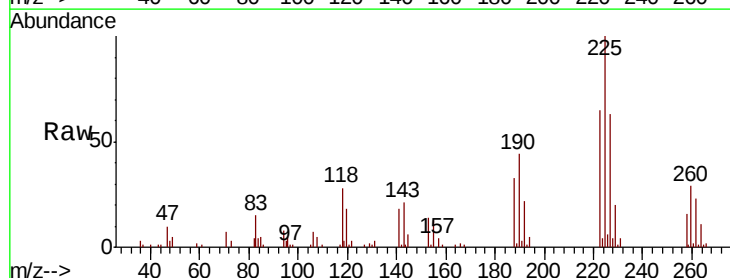
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 27.857 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG039180.D
Acq: 17 Jan 2019 6:09

Tgt Ion:	225	Resp:	50167
Ion	Ratio	Lower	Upper
225	100		
223	69.1	50.2	75.4
227	67.1	53.2	79.8

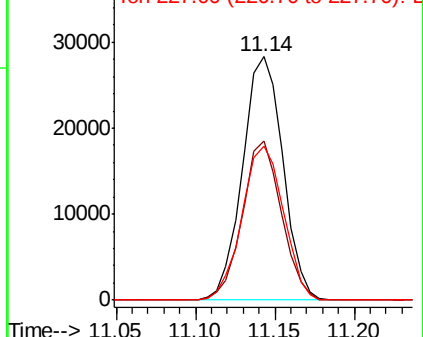
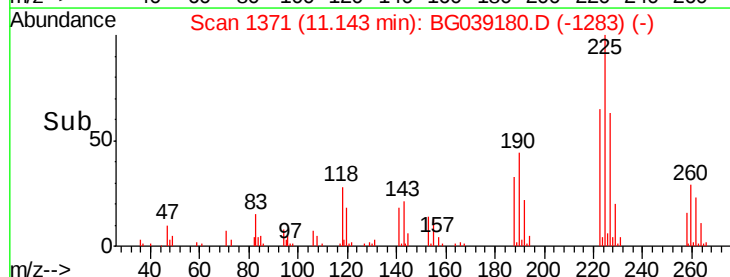


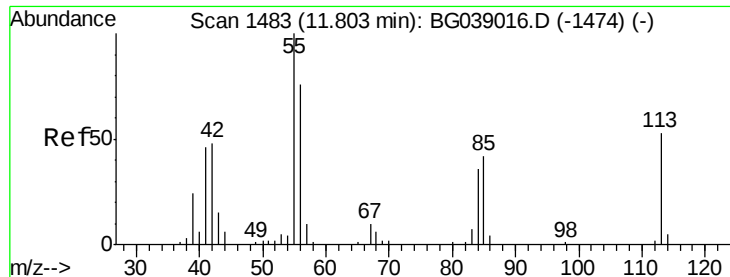
Abundance

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: 20.793 ng

RT: 11.78 min Scan# 1480

Delta R.T. -0.02 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA_G

ClientSampleId :

PB116427BS

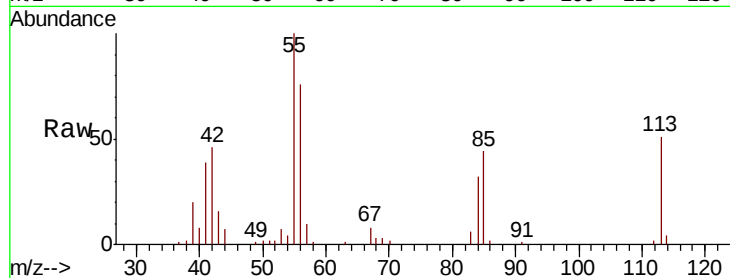
Tgt Ion:113 Resp: 18162

Ion Ratio Lower Upper

113 100

55 195.8 168.6 208.6

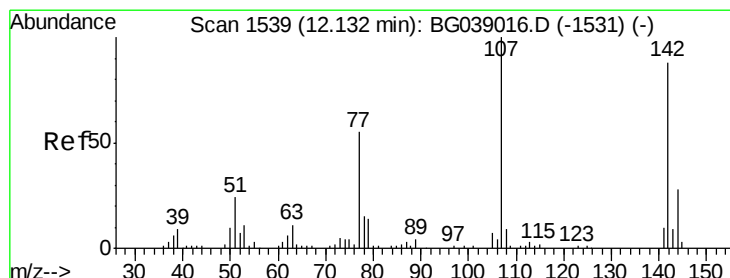
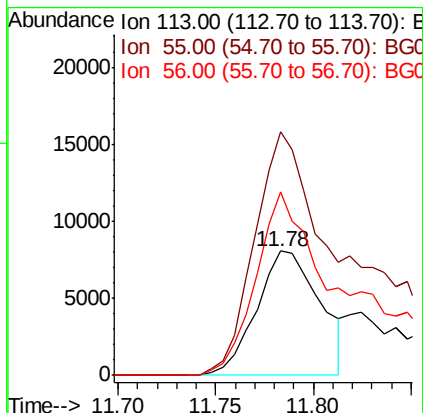
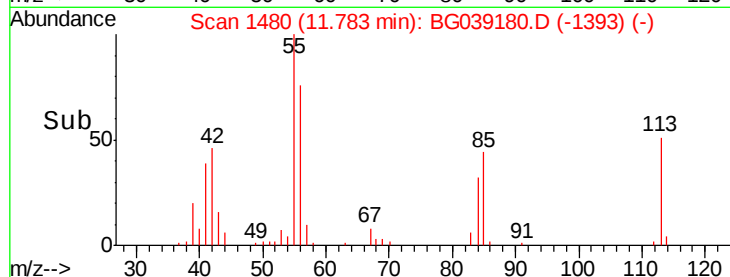
56 148.0 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 38.665 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

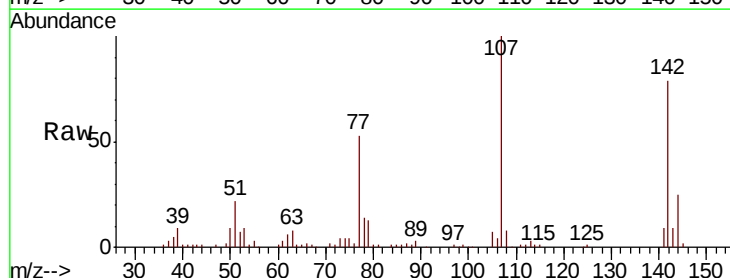
Tgt Ion:107 Resp: 90079

Ion Ratio Lower Upper

107 100

144 24.9 22.6 34.0

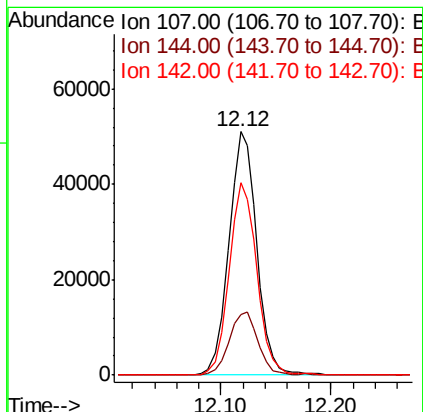
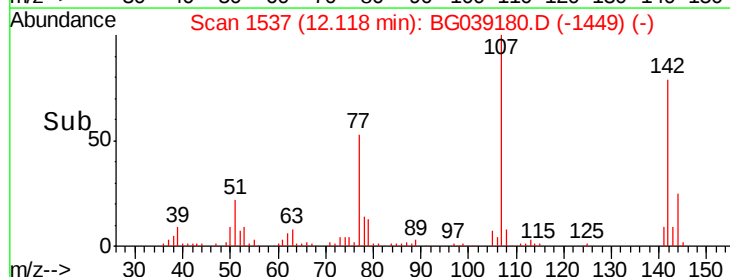
142 79.0 70.2 105.4

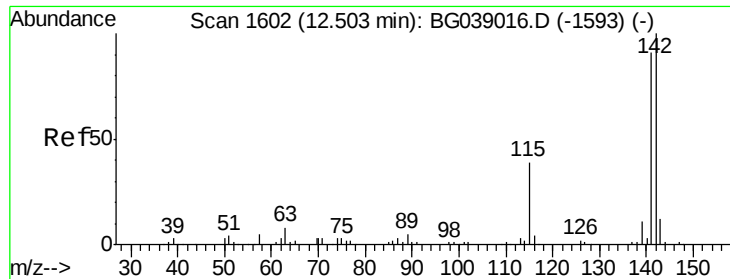


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

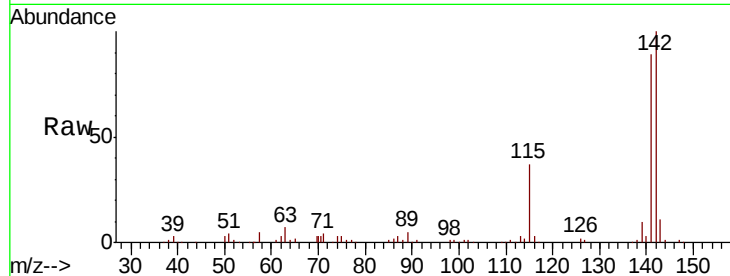




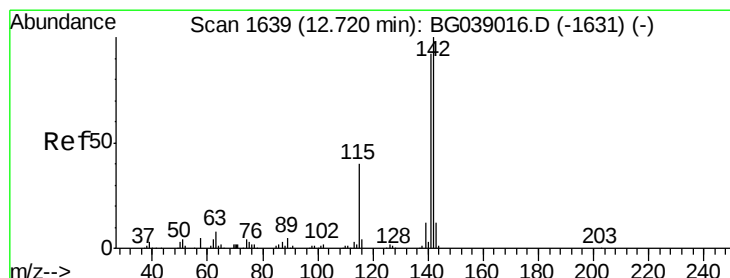
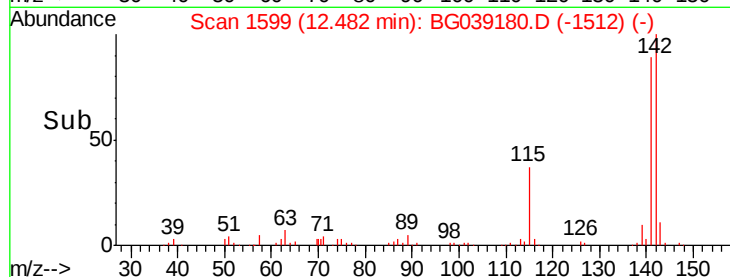
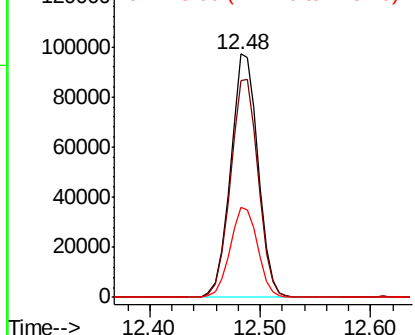
#37
2-Methylnaphthalene
Concen: 36.015 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.02 min
Lab File: BG039180.D
Acq: 17 Jan 2019 6:09

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tgt Ion:142 Resp: 168924
Ion Ratio Lower Upper
142 100
141 89.0 72.6 109.0
115 36.8 31.1 46.7

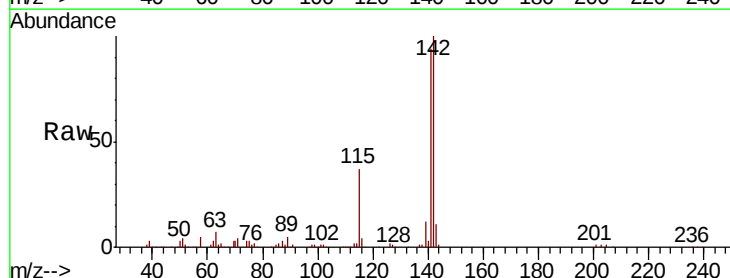


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

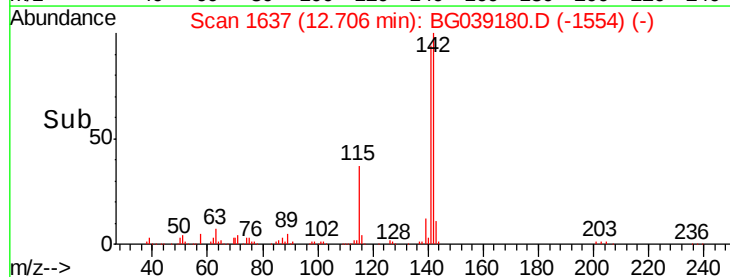
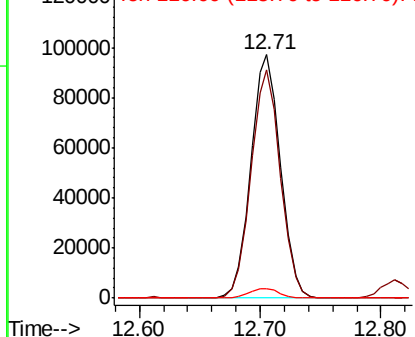


#38
1-Methylnaphthalene
Concen: 36.598 ng
RT: 12.71 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BG039180.D
Acq: 17 Jan 2019 6:09

Tgt Ion:142 Resp: 164763
Ion Ratio Lower Upper
142 100
141 93.6 73.3 109.9
116 3.9 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA_G

ClientSampleId :

PB116427BS

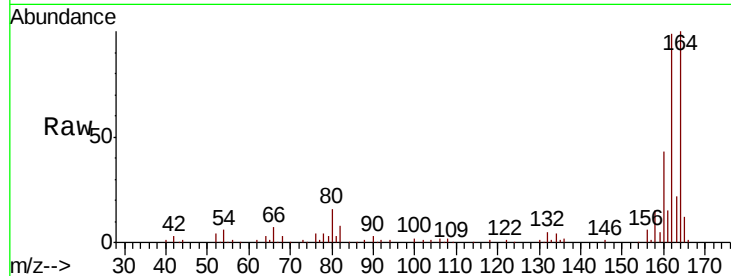
Tgt Ion:164 Resp: 90557

Ion Ratio Lower Upper

164 100

162 99.1 87.2 130.8

160 43.2 33.3 49.9

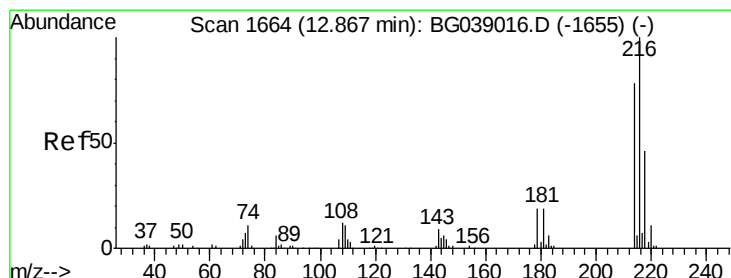
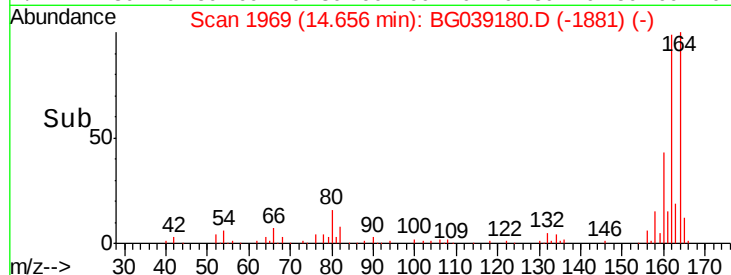
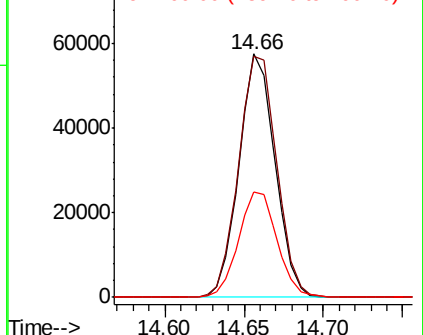


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 30.698 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.02 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Tgt Ion:216 Resp: 104403

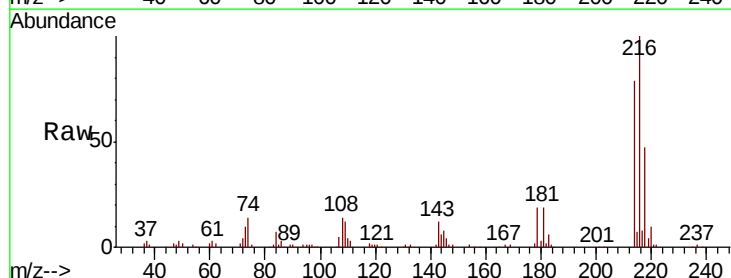
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 19.6 15.5 23.3

108 12.9 11.4 17.2



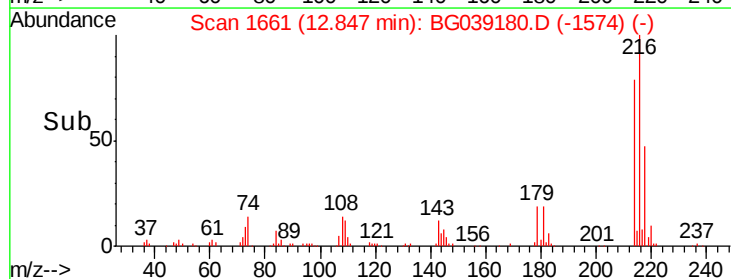
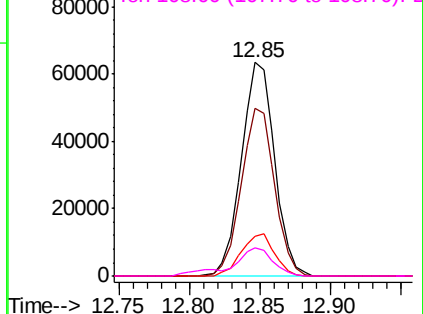
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 57.557 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA_G

ClientSampleId :

PB116427BS

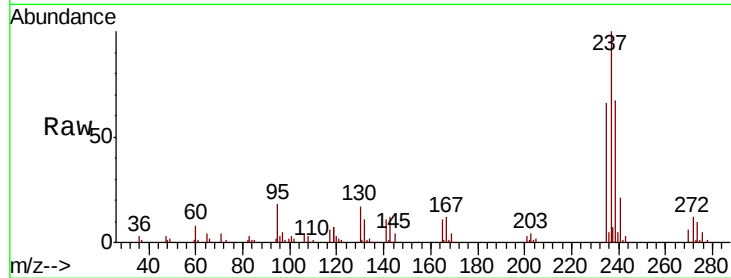
Tgt Ion: 237 Resp: 106927

Ion Ratio Lower Upper

237 100

235 66.4 41.7 81.7

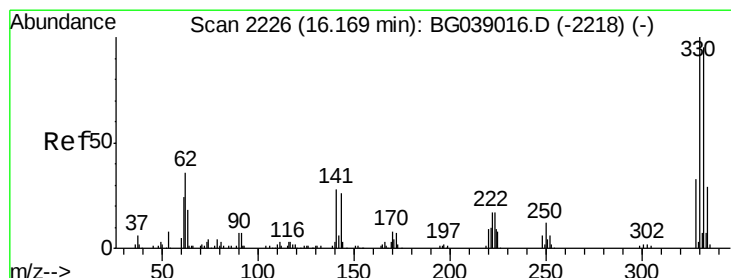
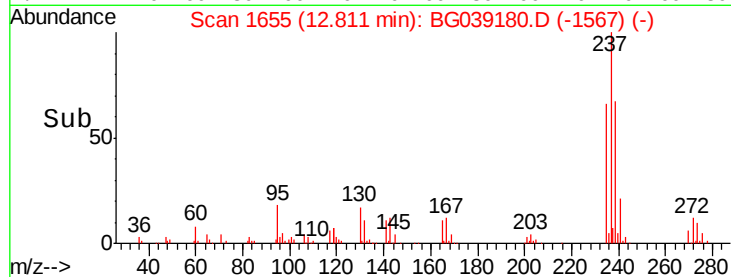
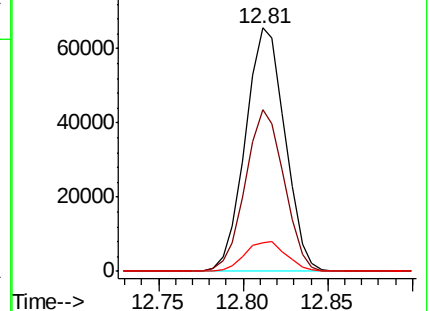
272 11.7 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 95.187 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

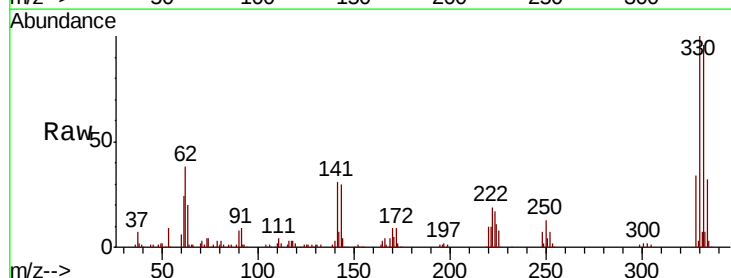
Tgt Ion: 330 Resp: 144493

Ion Ratio Lower Upper

330 100

332 95.6 75.7 113.5

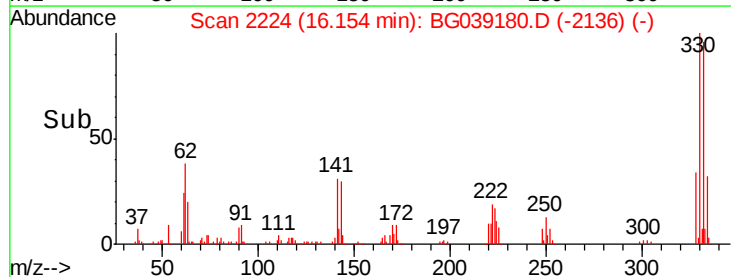
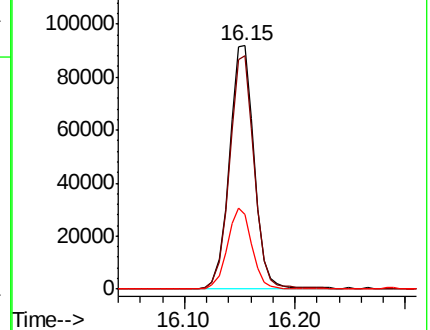
141 32.6 24.9 37.3



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

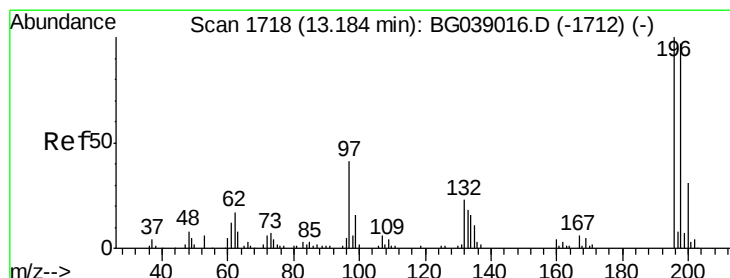
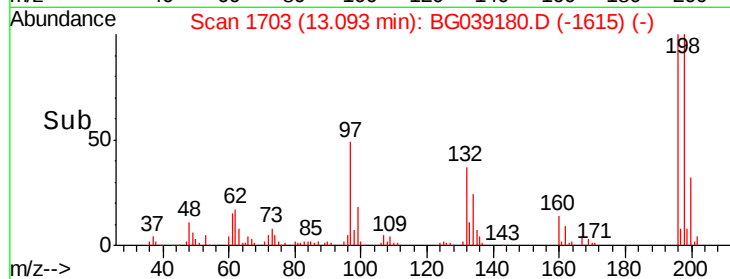
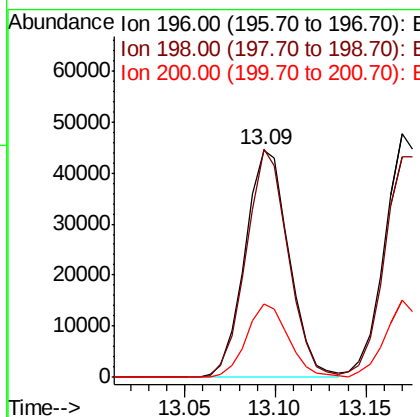
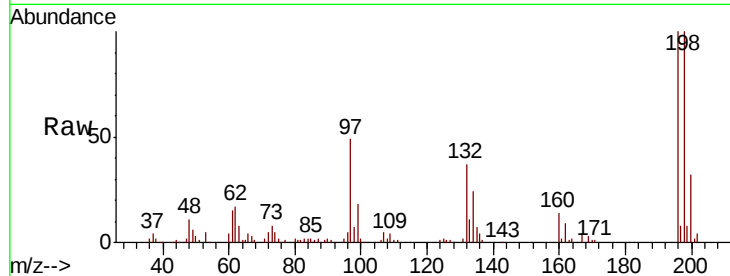




#43
 2,4,6-Trichlorophenol
 Concen: 34.980 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG039180.D
 Acq: 17 Jan 2019 6:09

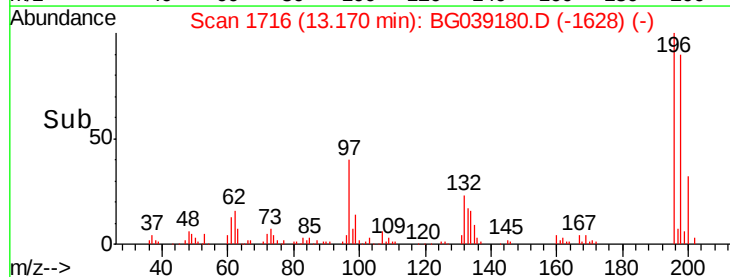
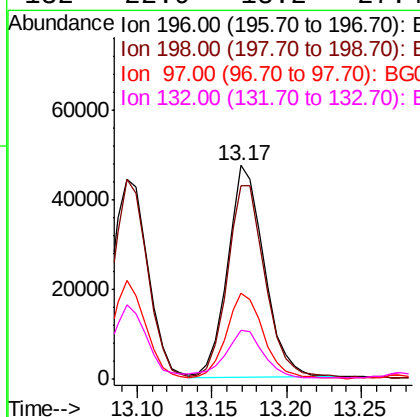
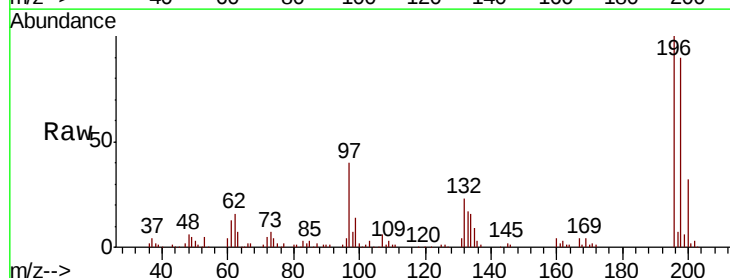
Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

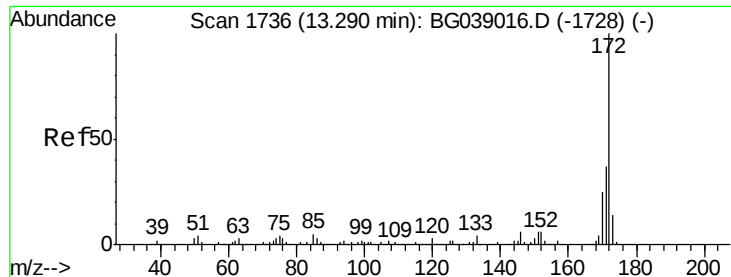
Tgt Ion:196 Resp: 74873
 Ion Ratio Lower Upper
 196 100
 198 100.1 74.5 111.7
 200 32.4 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 36.007 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG039180.D
 Acq: 17 Jan 2019 6:09

Tgt Ion:196 Resp: 81459
 Ion Ratio Lower Upper
 196 100
 198 90.5 78.1 117.1
 97 40.0 33.2 49.8
 132 22.9 18.2 27.4

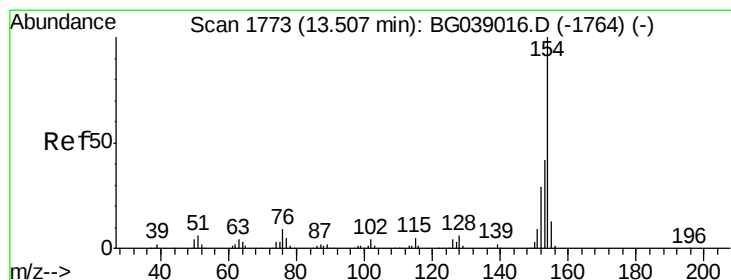
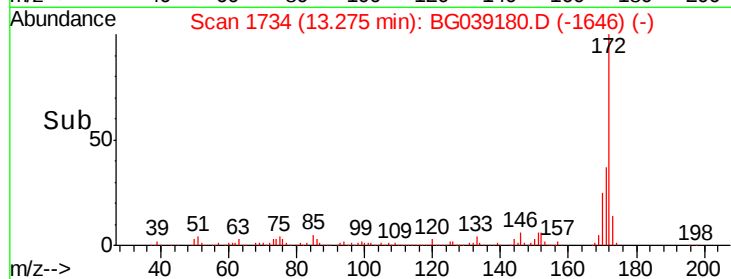
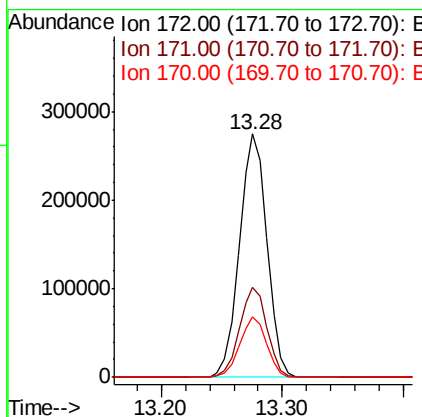
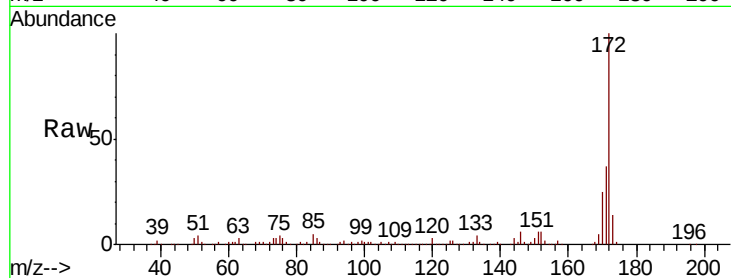




#45
 2-Fluorobiphenyl
 Concen: 65.705 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG039180.D
 Acq: 17 Jan 2019 6:09

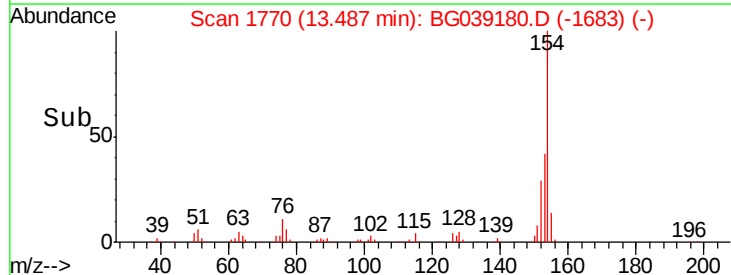
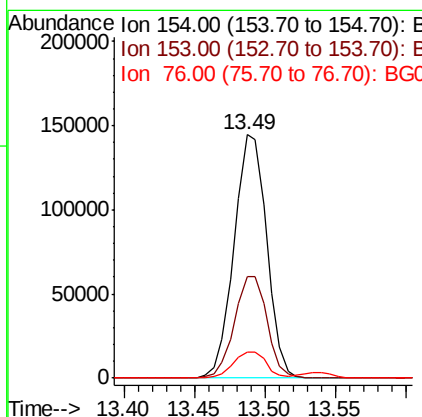
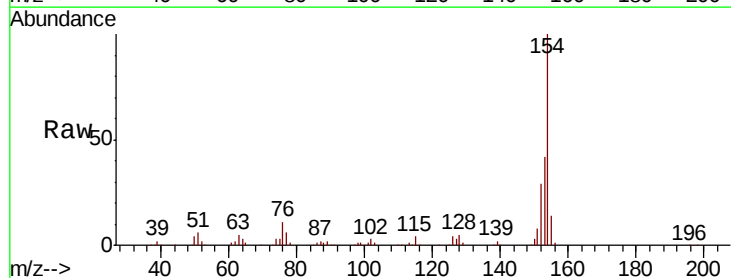
Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

Tgt Ion:172 Resp: 434768
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 24.8 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 32.435 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.02 min
 Lab File: BG039180.D
 Acq: 17 Jan 2019 6:09

Tgt Ion:154 Resp: 232741
 Ion Ratio Lower Upper
 154 100
 153 41.8 22.4 62.4
 76 10.5 0.0 29.4

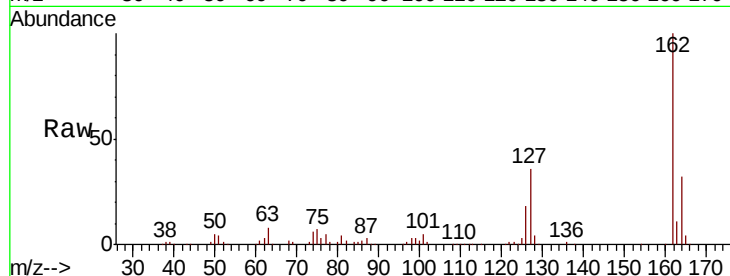




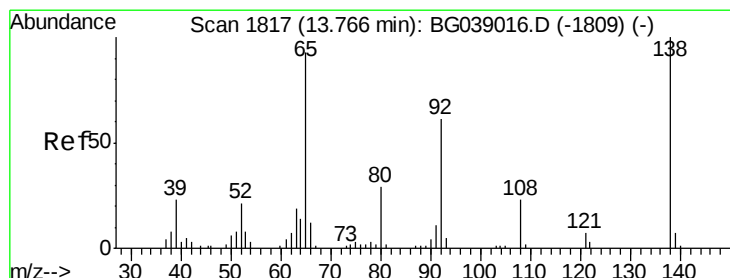
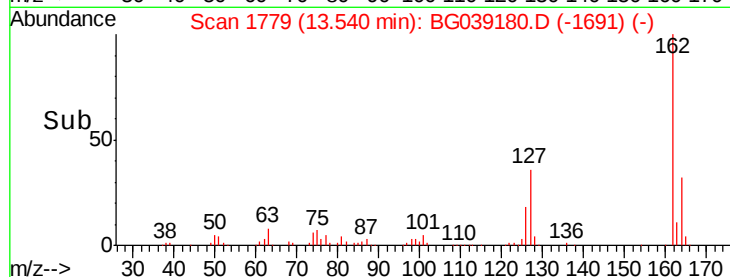
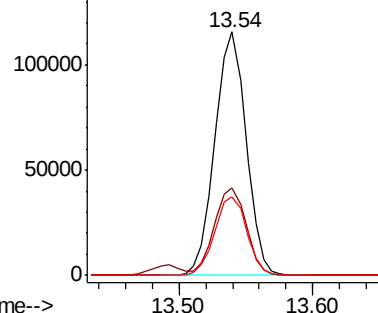
#47
 2-Chloronaphthalene
 Concen: 32.181 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BG039180.D
 Acq: 17 Jan 2019 6:09

Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

Tgt Ion: 162 Resp: 186866
 Ion Ratio Lower Upper
 162 100
 127 35.9 28.4 42.6
 164 32.4 26.3 39.5

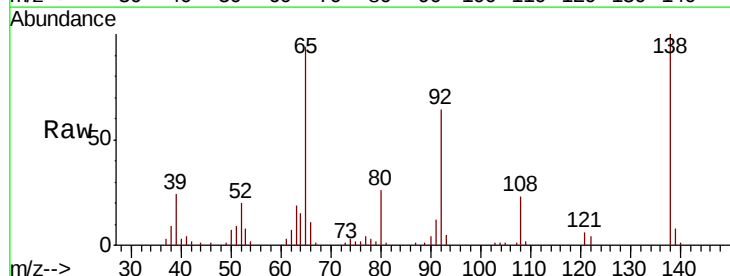


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

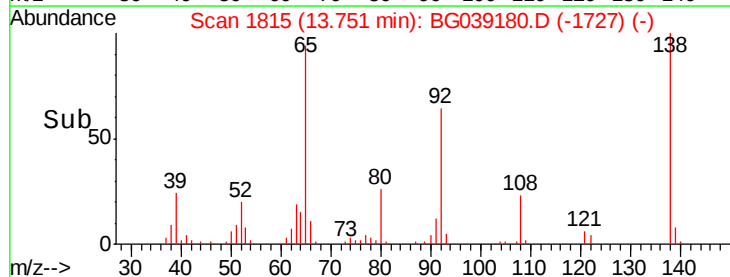
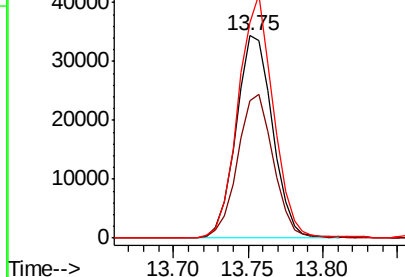


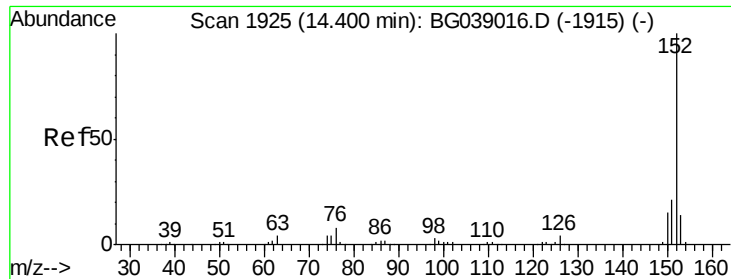
#48
 2-Nitroaniline
 Concen: 35.878 ng
 RT: 13.75 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG039180.D
 Acq: 17 Jan 2019 6:09

Tgt Ion: 65 Resp: 58364
 Ion Ratio Lower Upper
 65 100
 92 68.0 52.2 78.4
 138 106.7 86.0 129.0



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 35.996 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA_G

ClientSampleId :

PB116427BS

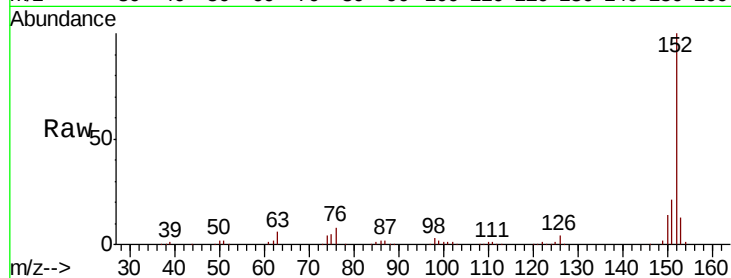
Tgt Ion:152 Resp: 314167

Ion Ratio Lower Upper

152 100

151 21.0 17.0 25.4

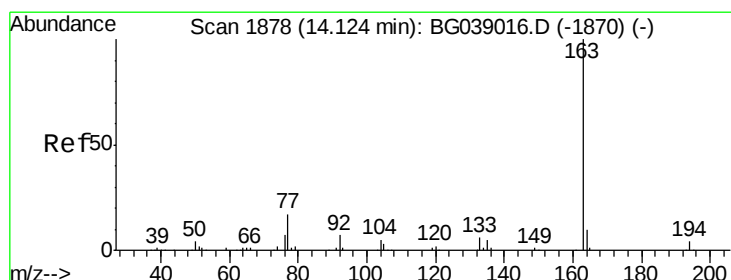
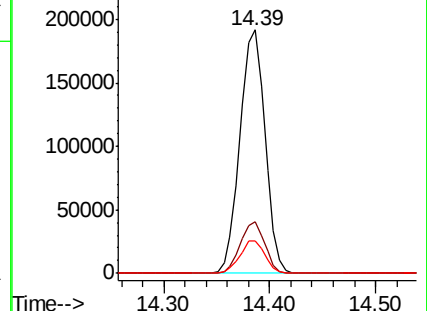
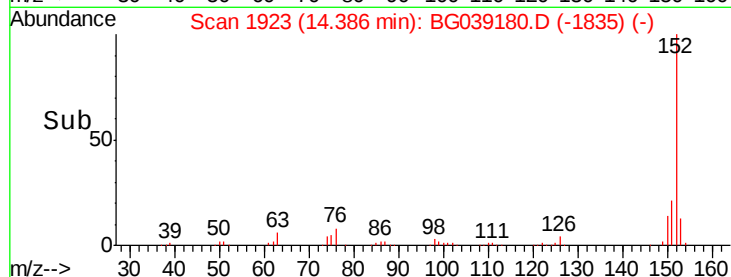
153 13.4 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 34.037 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

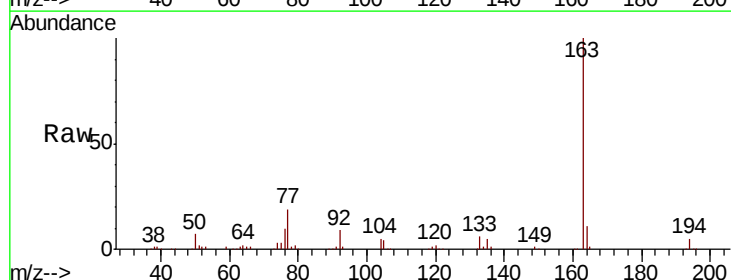
Tgt Ion:163 Resp: 260465

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

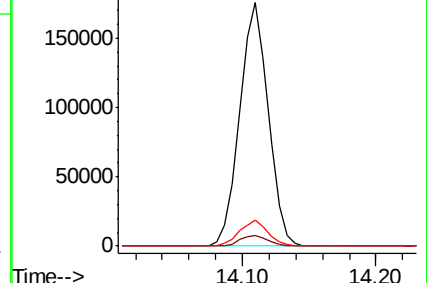
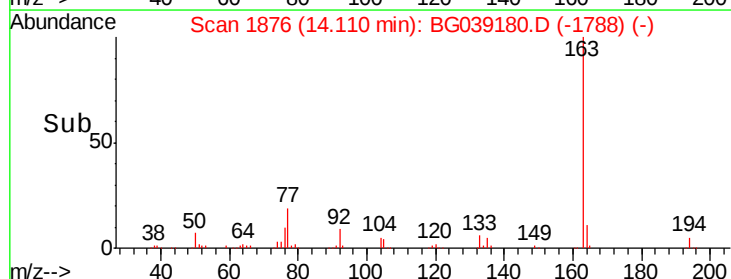
164 10.6 8.2 12.2

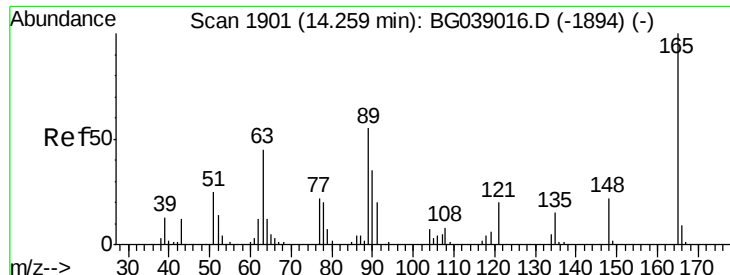


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

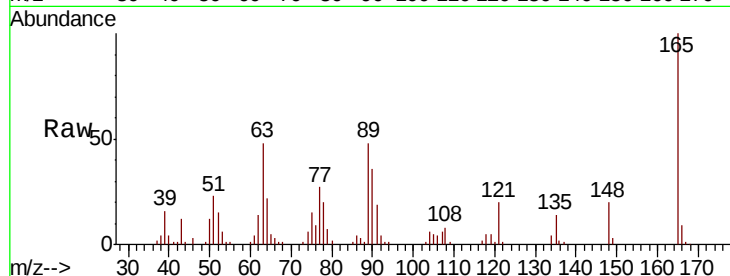




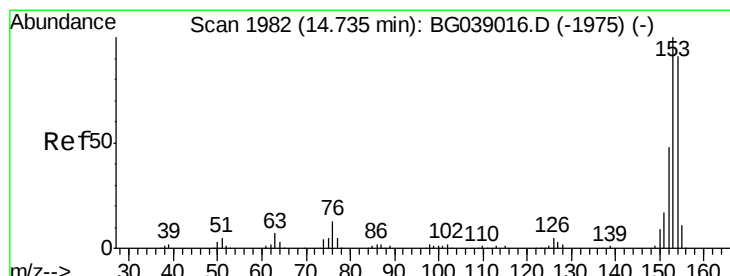
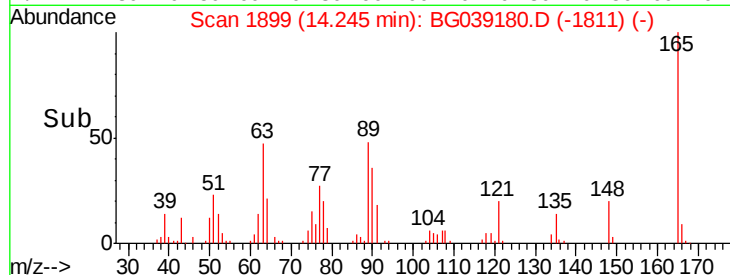
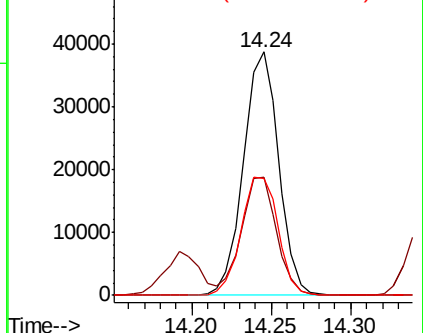
#51
 2,6-Dinitrotoluene
 Concen: 34.879 ng
 RT: 14.24 min Scan# 1899
 Delta R.T. -0.01 min
 Lab File: BG039180.D
 Acq: 17 Jan 2019 6:09

Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

Tgt Ion:165 Resp: 59675
 Ion Ratio Lower Upper
 165 100
 63 48.4 43.6 65.4
 89 48.3 43.7 65.5

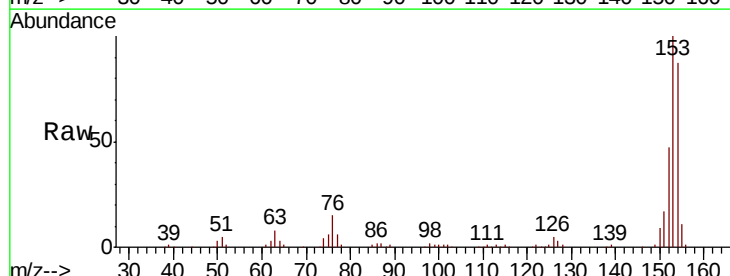


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

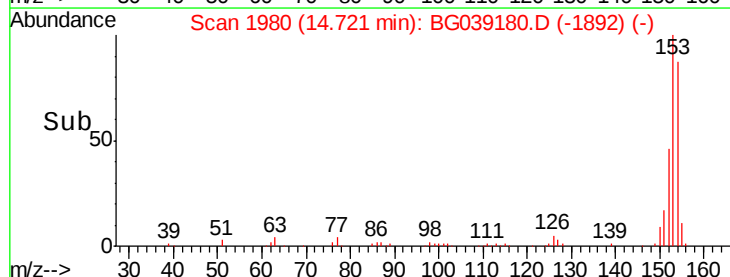
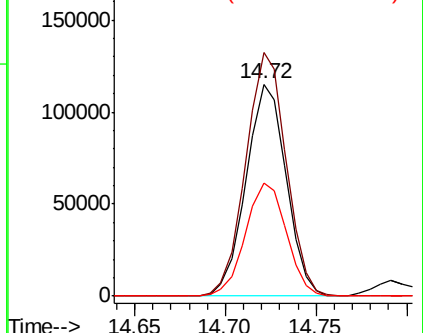


#52
 Acenaphthene
 Concen: 33.862 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG039180.D
 Acq: 17 Jan 2019 6:09

Tgt Ion:154 Resp: 177568
 Ion Ratio Lower Upper
 154 100
 153 114.9 87.9 131.9
 152 53.6 42.2 63.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 16.320 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA_G

ClientSampleId :

PB116427BS

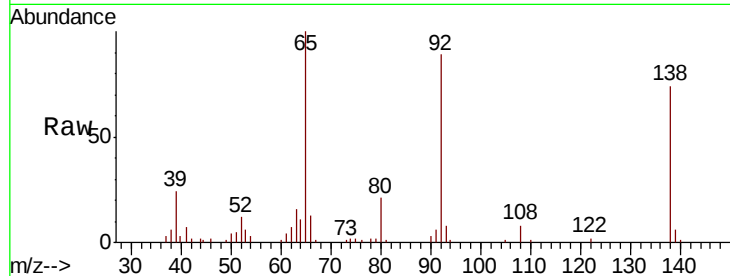
Tgt Ion:138 Resp: 28325

Ion Ratio Lower Upper

138 100

108 10.3 7.4 11.0

92 120.2 88.2 132.4

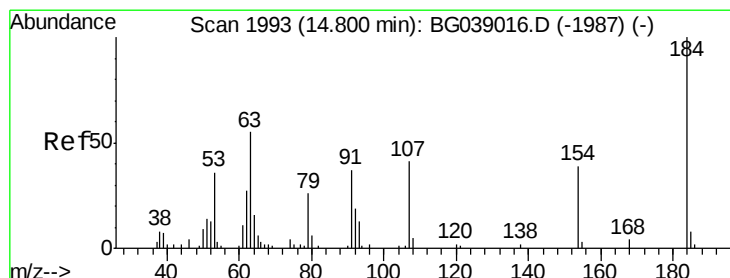
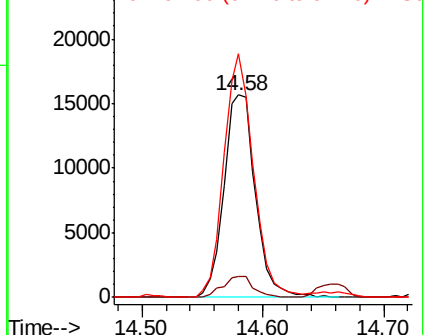
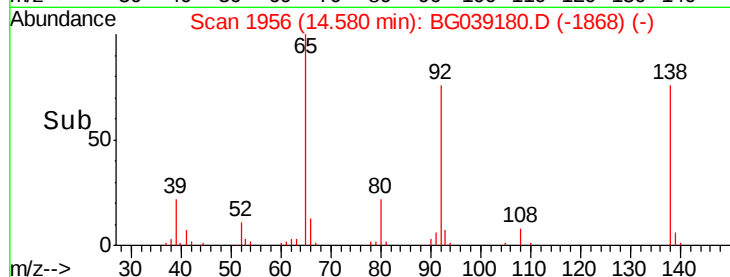


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 30.090 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

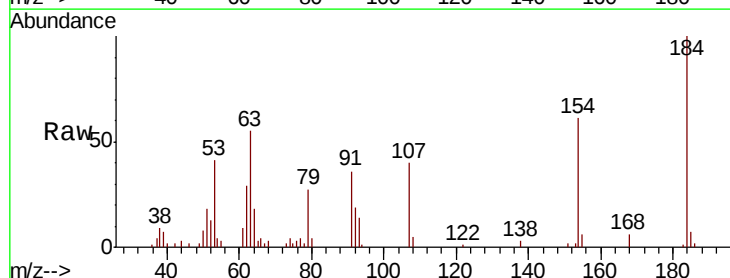
Tgt Ion:184 Resp: 27093

Ion Ratio Lower Upper

184 100

63 54.6 44.0 66.0

154 60.7 46.1 69.1

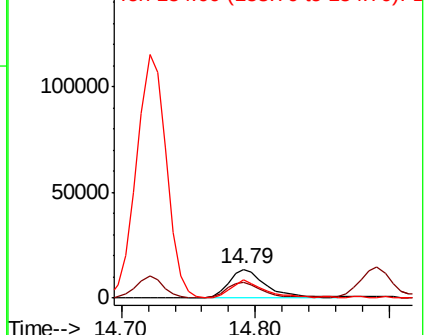
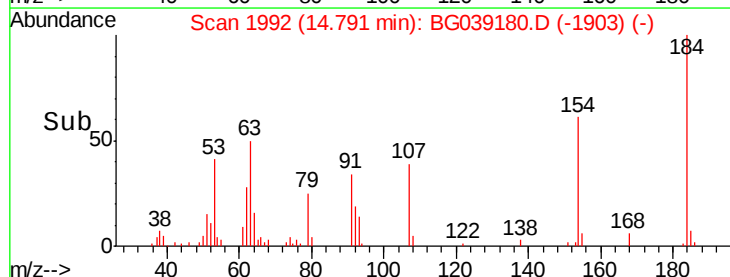


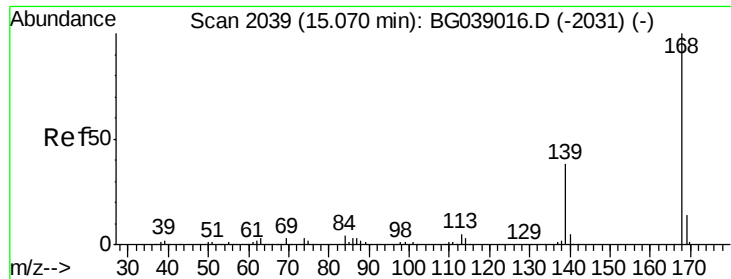
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

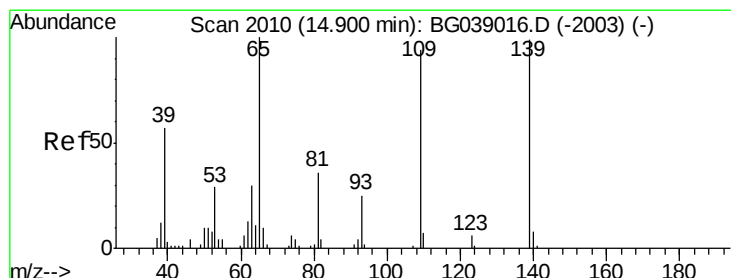
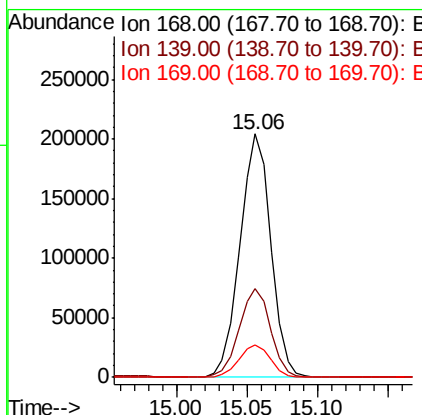
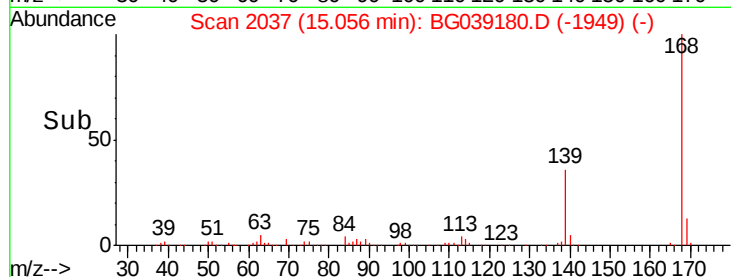
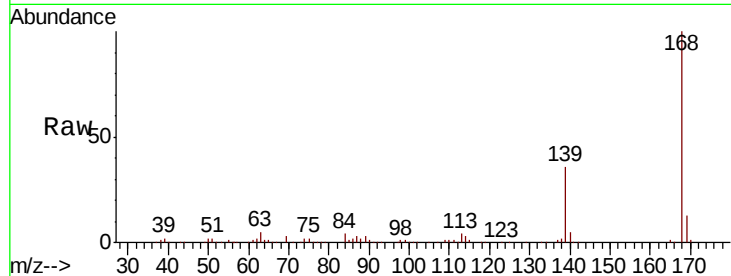




#55
Dibenzenofuran
Concen: 33.631 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG039180.D
Acq: 17 Jan 2019 6:09

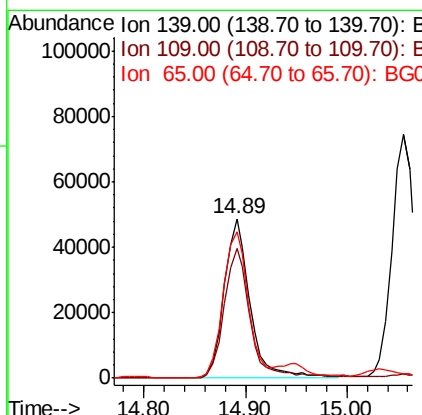
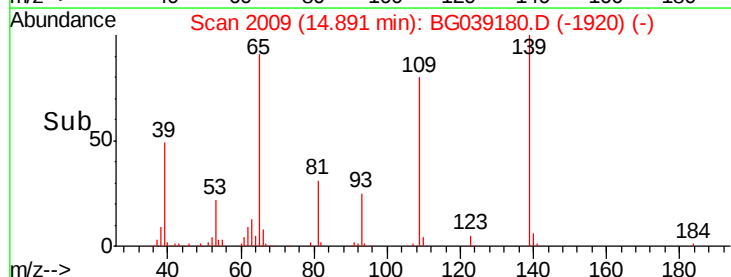
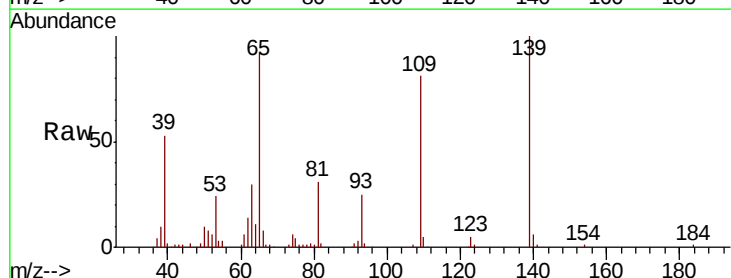
Instrument :
BNA_G
ClientSampleId :
PB116427BS

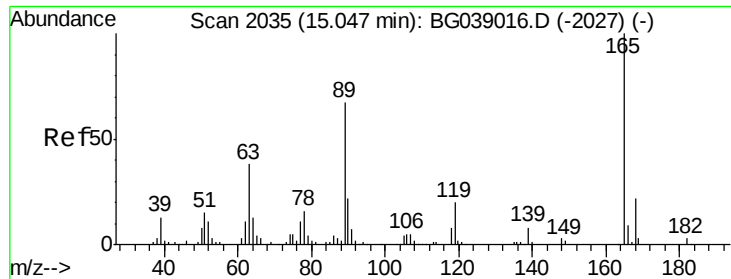
Tgt Ion:168 Resp: 311467
Ion Ratio Lower Upper
168 100
139 36.4 30.1 45.1
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 69.229 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG039180.D
Acq: 17 Jan 2019 6:09

Tgt Ion:139 Resp: 86454
Ion Ratio Lower Upper
139 100
109 81.0 75.6 115.6
65 91.8 81.2 121.2

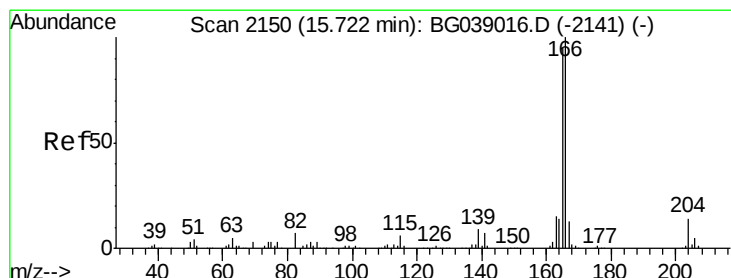
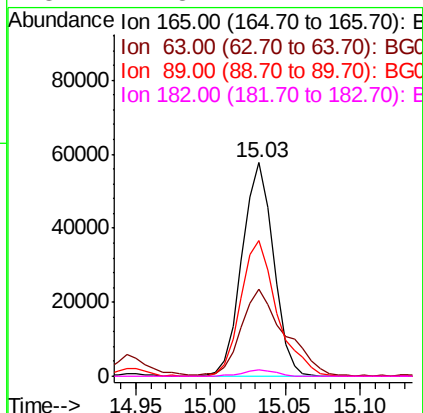
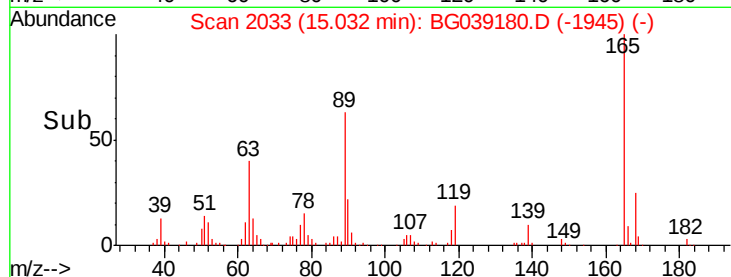
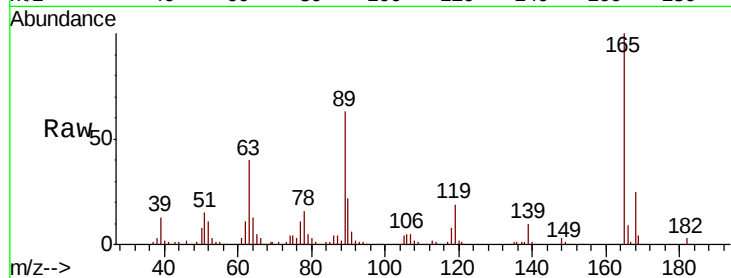




#57
2,4-Dinitrotoluene
Concen: 34.418 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG039180.D
Acq: 17 Jan 2019 6:09

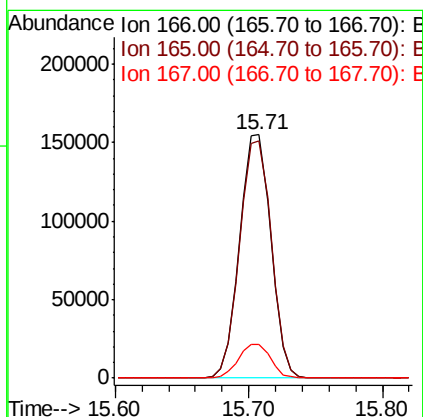
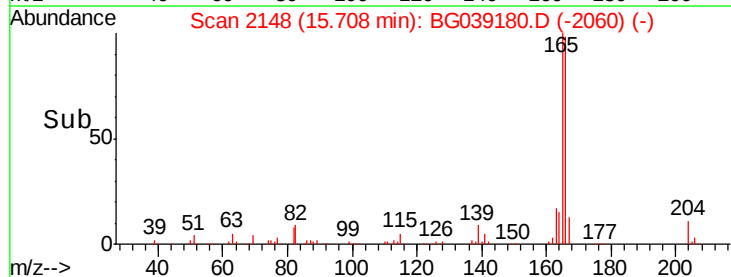
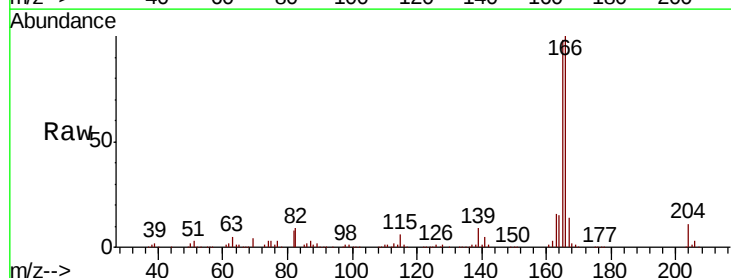
Instrument :
BNA_G
ClientSampleId :
PB116427BS

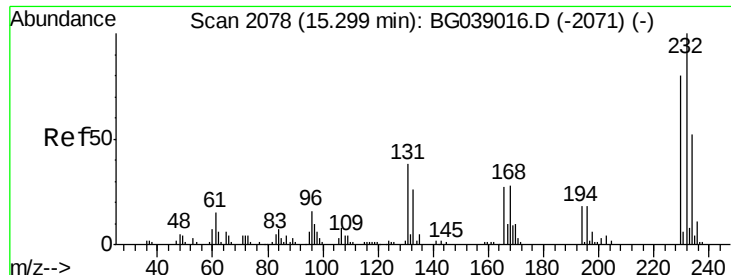
Tgt Ion:165 Resp: 84482
Ion Ratio Lower Upper
165 100
63 40.5 30.2 45.4
89 63.4 53.2 79.8
182 2.8 2.7 4.1



#58
Fluorene
Concen: 36.032 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG039180.D
Acq: 17 Jan 2019 6:09

Tgt Ion:166 Resp: 251183
Ion Ratio Lower Upper
166 100
165 97.6 76.2 114.2
167 14.0 10.6 16.0

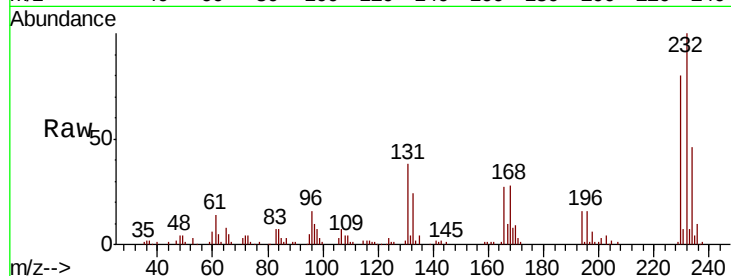




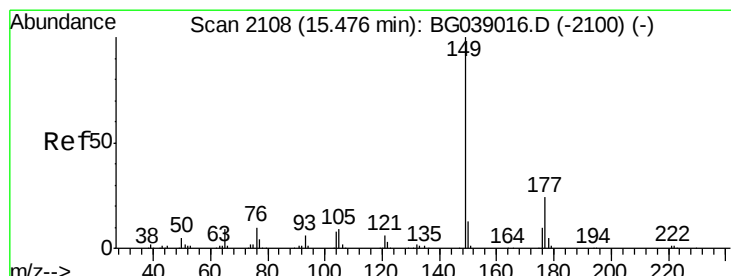
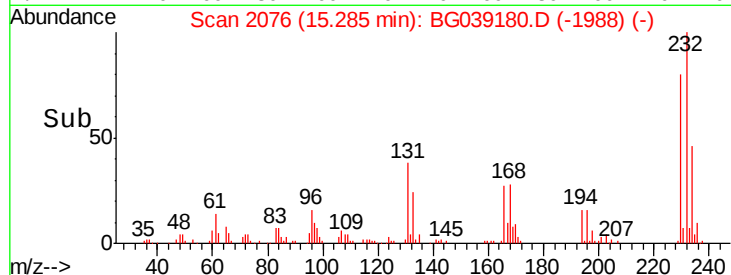
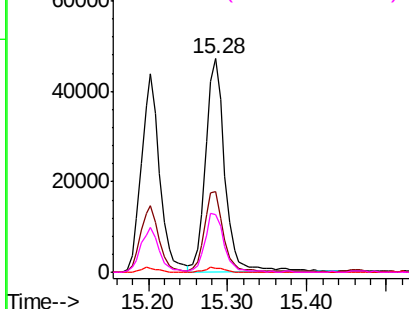
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.096 ng
 RT: 15.28 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: BG039180.D
 Acq: 17 Jan 2019 6:09

Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

Tgt Ion:	232	Resp:	79219
Ion	Ratio	Lower	Upper
232	100		
131	35.6	30.9	46.3
130	2.0	1.9	2.9
166	27.8	22.1	33.1

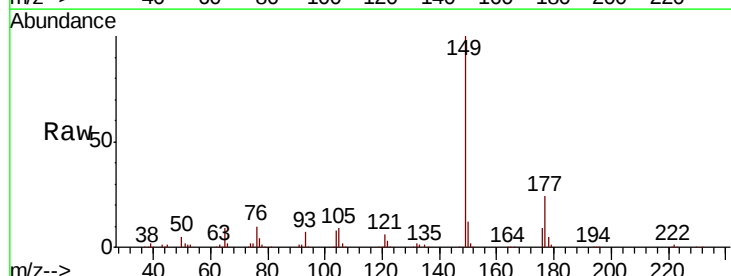


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

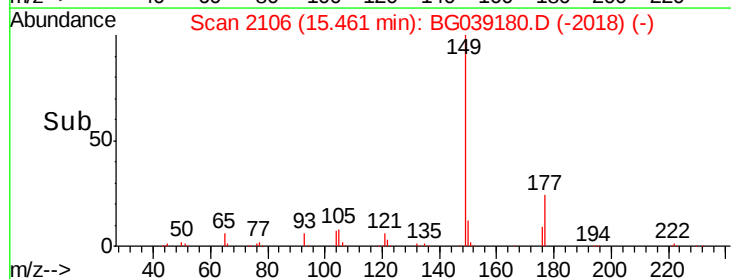
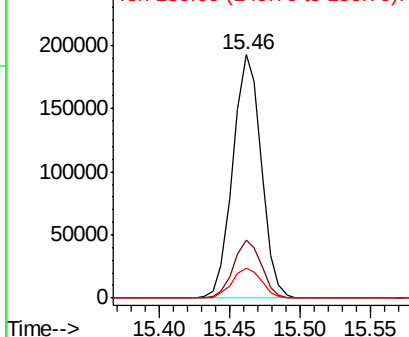


#60
 Diethylphthalate
 Concen: 34.234 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG039180.D
 Acq: 17 Jan 2019 6:09

Tgt Ion:	149	Resp:	269917
Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.0	28.6
150	12.4	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

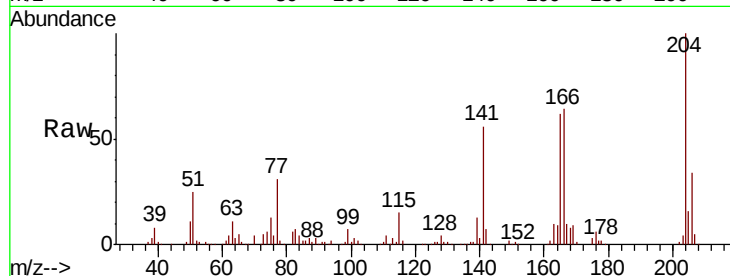




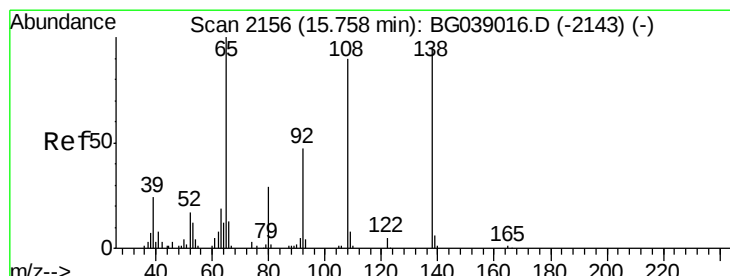
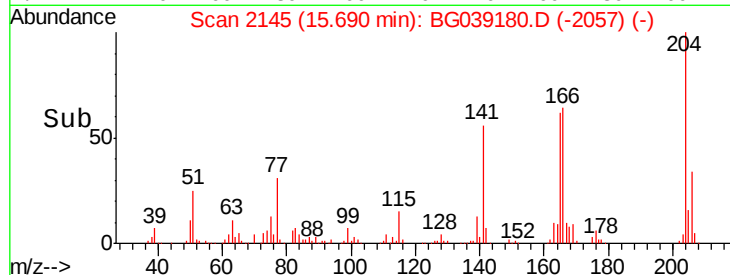
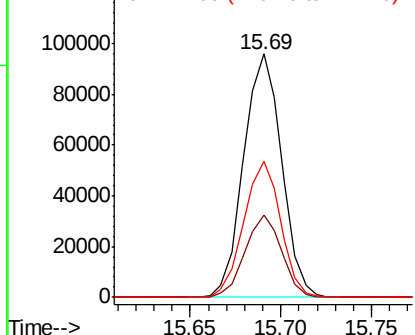
#61
 4-Chlorophenyl-phenylether
 Concen: 31.996 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG039180.D
 Acq: 17 Jan 2019 6:09

Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

Tgt Ion: 204 Resp: 140523
 Ion Ratio Lower Upper
 204 100
 206 33.7 26.6 39.8
 141 56.0 41.4 62.0

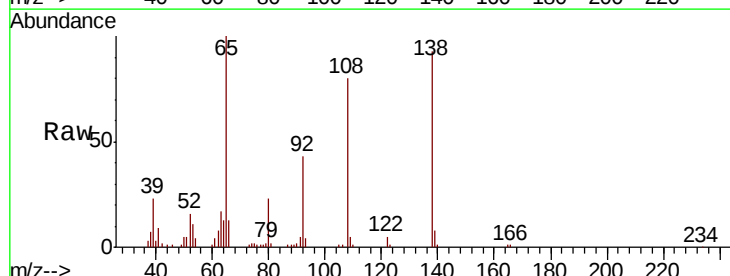


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

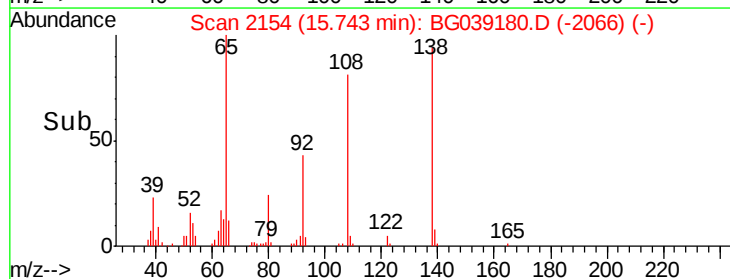
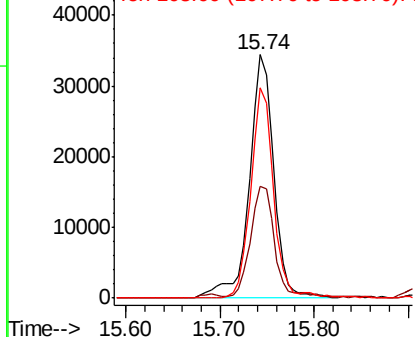


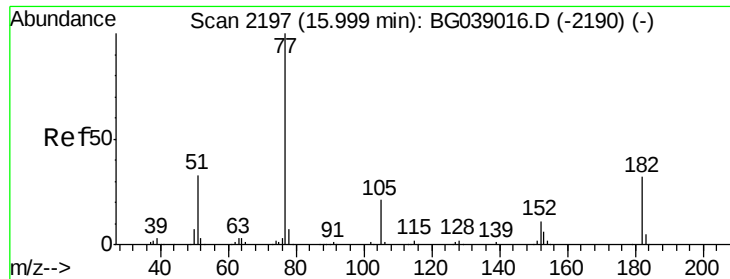
#62
 4-Nitroaniline
 Concen: 34.410 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: BG039180.D
 Acq: 17 Jan 2019 6:09

Tgt Ion: 138 Resp: 62215
 Ion Ratio Lower Upper
 138 100
 92 46.0 29.7 69.7
 108 86.6 75.7 115.7



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





#63

Azobenzene

Concen: 35.378 ng

RT: 15.98 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA_G

ClientSampleId :

PB116427BS

Tgt Ion: 77 Resp: 218132

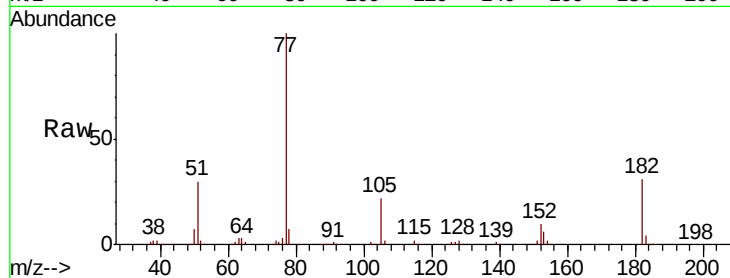
Ion Ratio Lower Upper

77 100

182 31.0 12.2 52.2

105 21.8 1.2 41.2

51 30.0 13.4 53.4

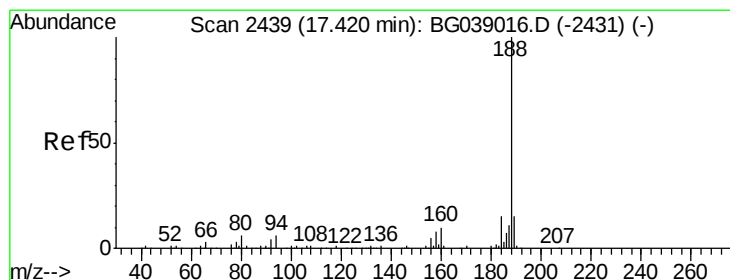
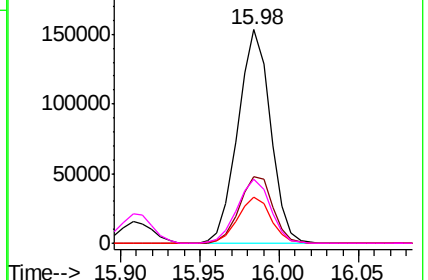
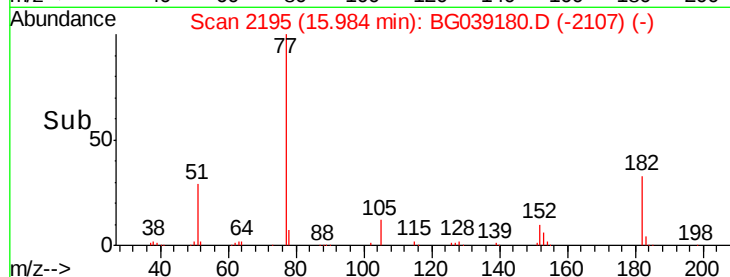


Abundance Ion 77.00 (76.70 to 77.70): BG039180.D (-2197) (-)

Ion 182.00 (181.70 to 182.70): BG039180.D (-2197) (-)

Ion 105.00 (104.70 to 105.70): BG039180.D (-2197) (-)

Ion 51.00 (50.70 to 51.70): BG039180.D (-2197) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

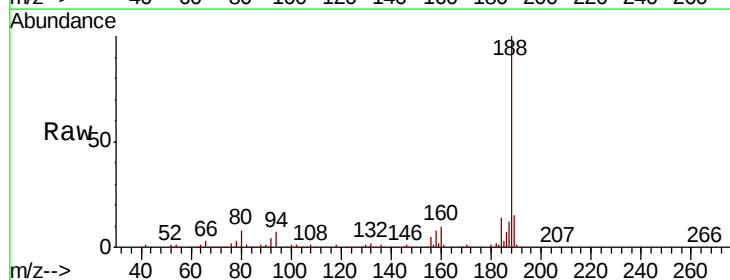
Tgt Ion: 188 Resp: 230333

Ion Ratio Lower Upper

188 100

94 6.6 5.0 7.4

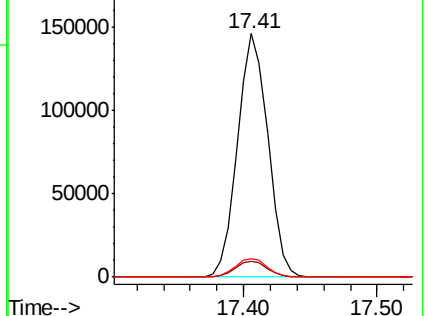
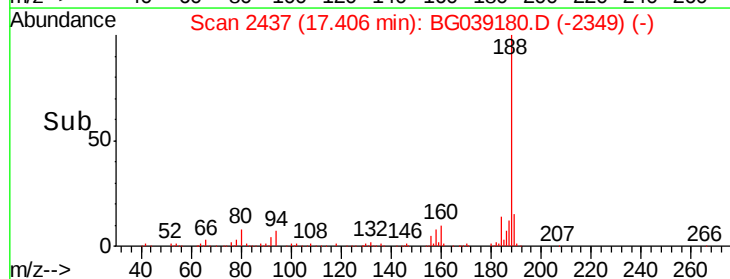
80 7.7 4.7 7.1#

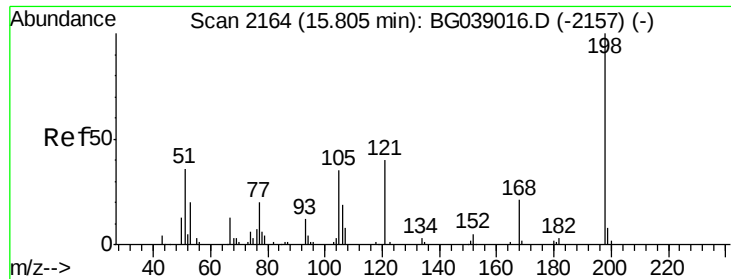


Abundance Ion 188.00 (187.70 to 188.70): BG039180.D (-2439) (-)

Ion 94.00 (93.70 to 94.70): BG039180.D (-2439) (-)

Ion 80.00 (79.70 to 80.70): BG039180.D (-2439) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 21.190 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA_G

ClientSampleId :

PB116427BS

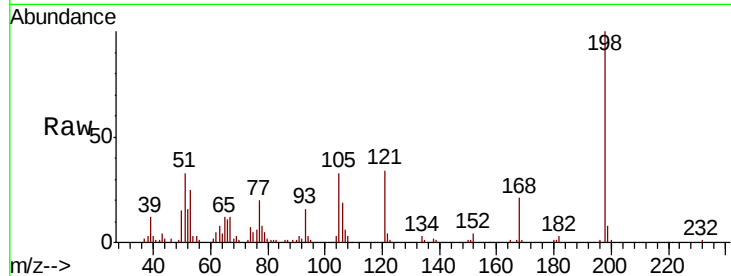
Tgt Ion:198 Resp: 36159

Ion Ratio Lower Upper

198 100

51 32.9 20.8 60.8

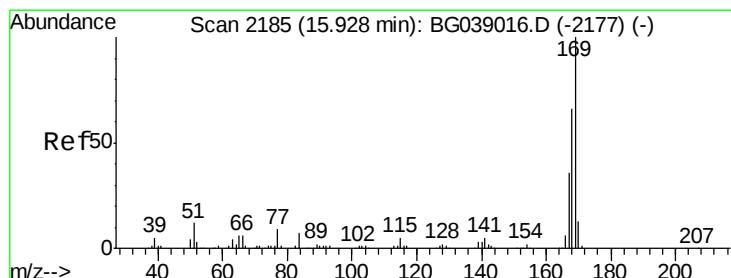
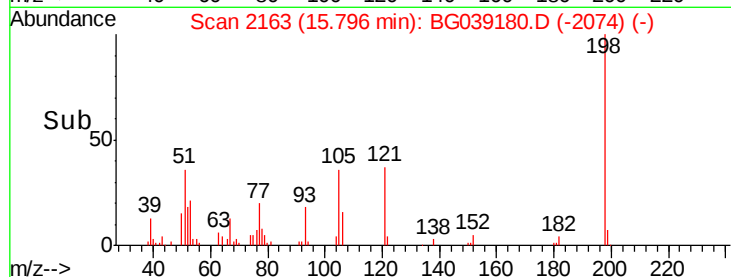
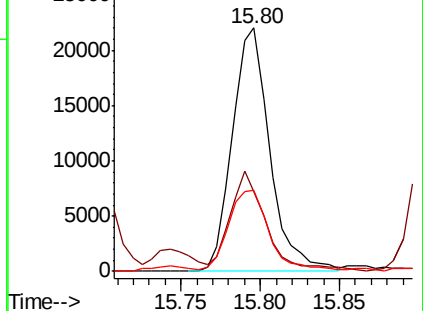
105 33.3 16.1 56.1



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: 34.208 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

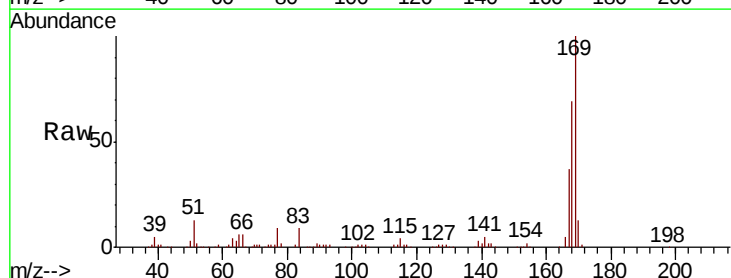
Tgt Ion:169 Resp: 233576

Ion Ratio Lower Upper

169 100

168 68.7 53.2 79.8

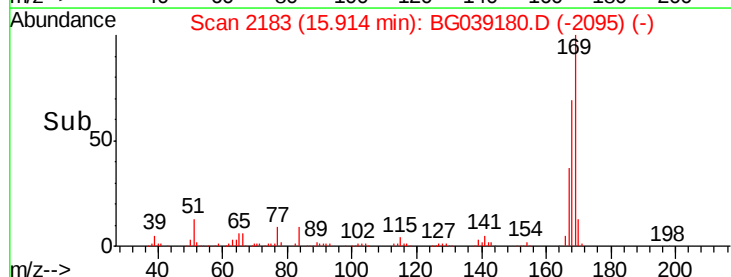
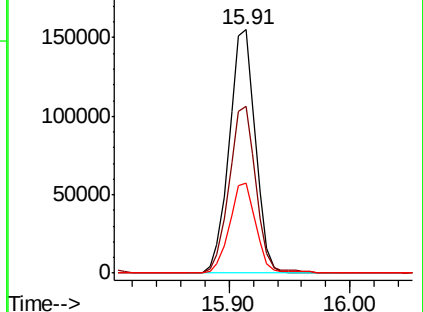
167 37.1 29.1 43.7

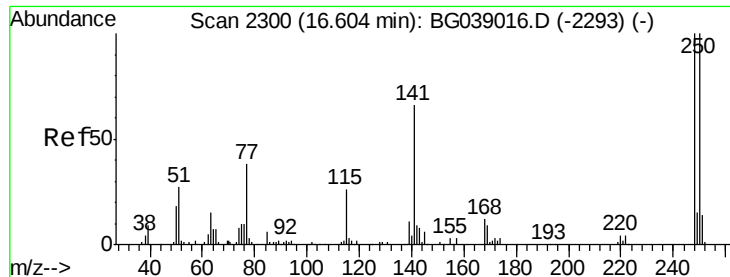


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 31.175 ng

RT: 16.59 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA_G

ClientSampleId :

PB116427BS

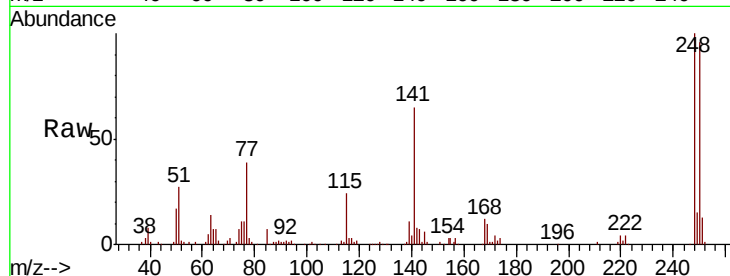
Tgt Ion:248 Resp: 92305

Ion Ratio Lower Upper

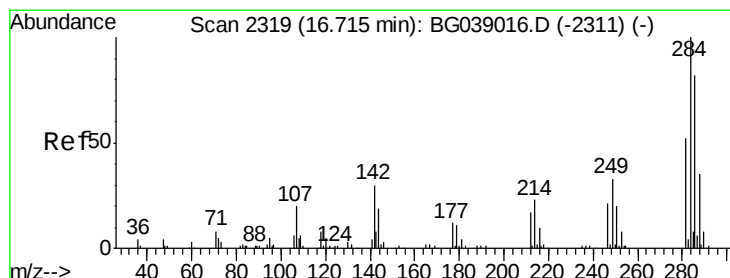
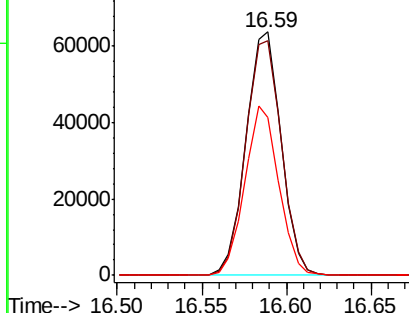
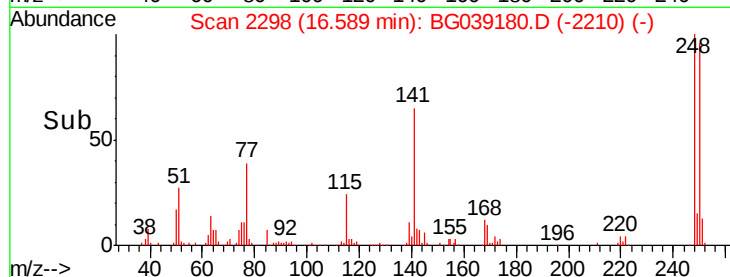
248 100

250 96.2 79.9 119.9

141 64.8 52.7 79.1



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



#68

Hexachlorobenzene

Concen: 30.788 ng

RT: 16.70 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

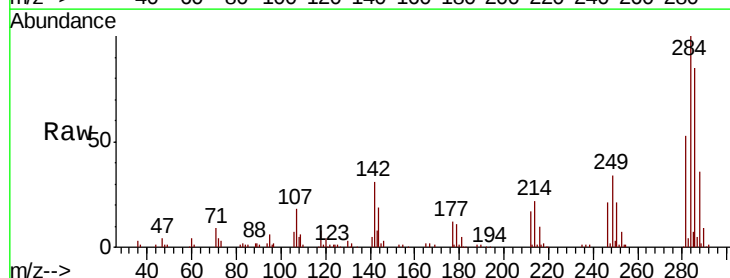
Tgt Ion:284 Resp: 99471

Ion Ratio Lower Upper

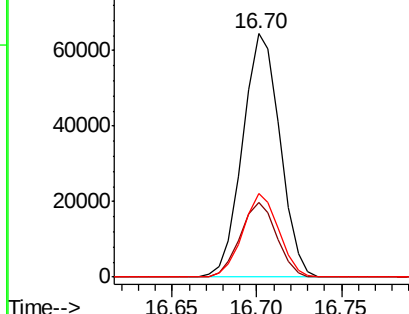
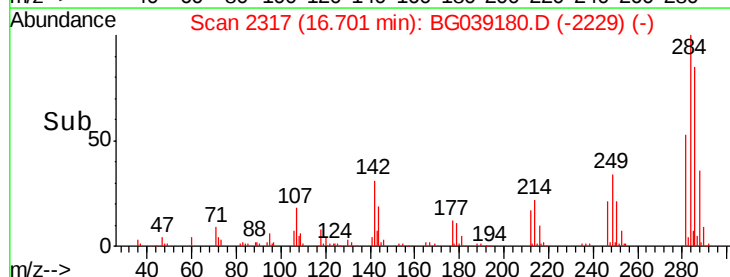
284 100

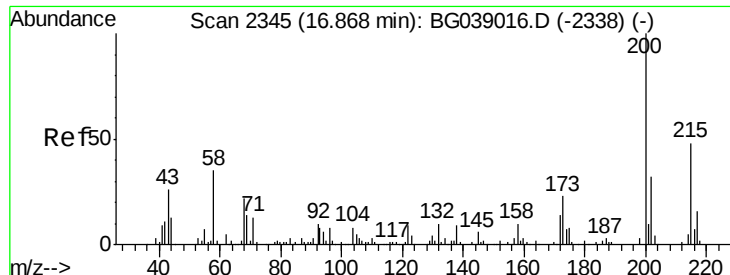
142 30.7 24.3 36.5

249 36.9 27.8 41.8



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





#69

Atrazine

Concen: 32.662 ng

RT: 16.85 min Scan# 2343

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA_G

ClientSampleId :

PB116427BS

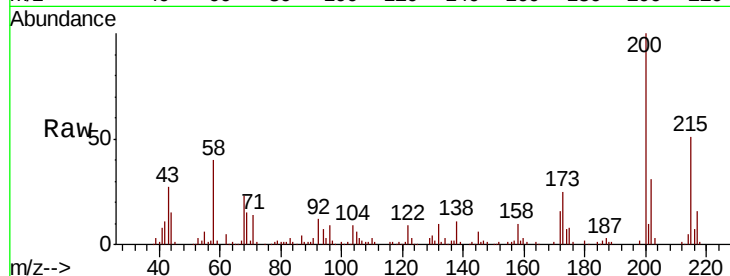
Tgt Ion:200 Resp: 94745

Ion Ratio Lower Upper

200 100

173 24.8 2.6 42.6

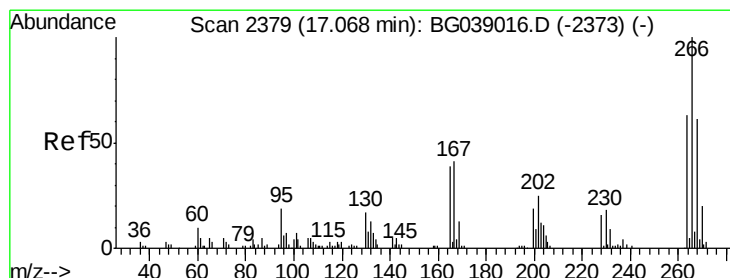
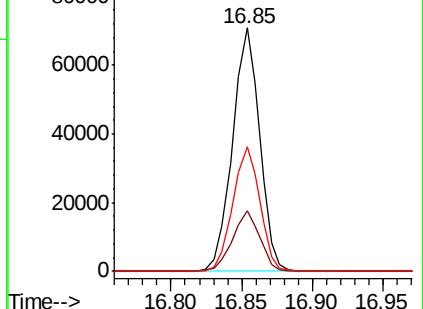
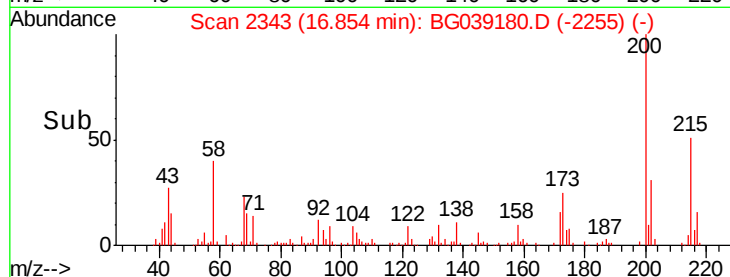
215 51.1 28.0 68.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 48.197 ng

RT: 17.05 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

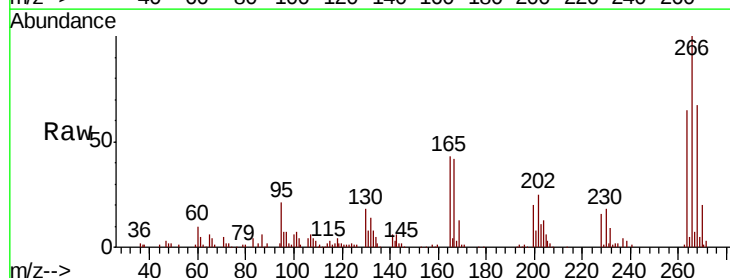
Tgt Ion:266 Resp: 91248

Ion Ratio Lower Upper

266 100

268 71.4 52.0 78.0

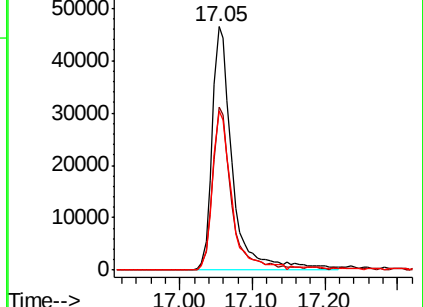
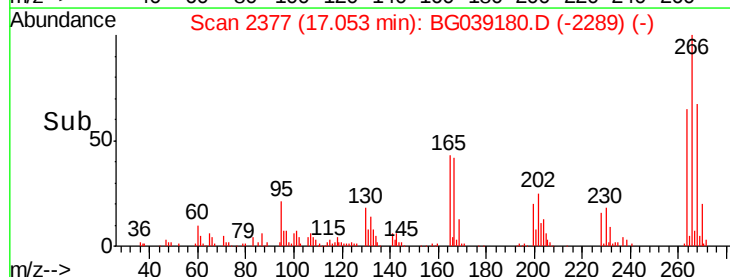
264 65.3 54.6 81.8

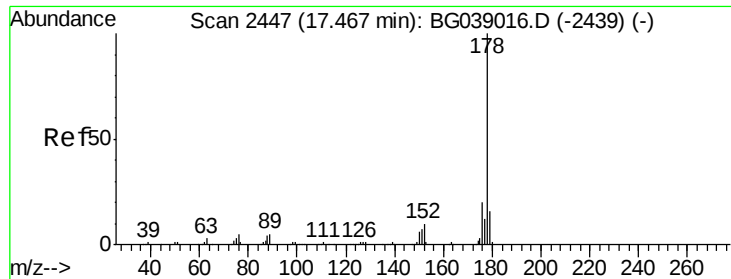


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

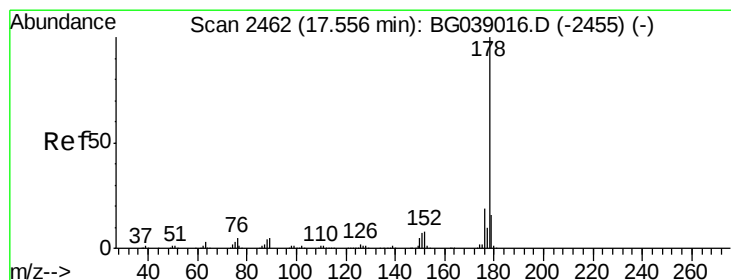
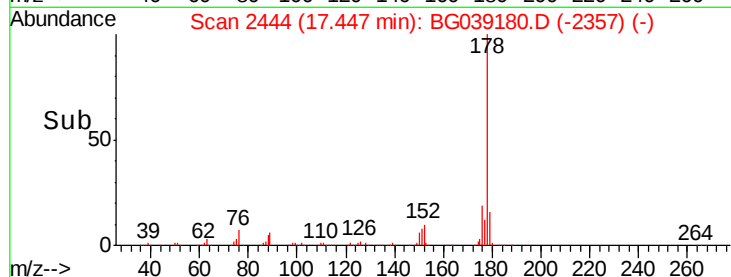
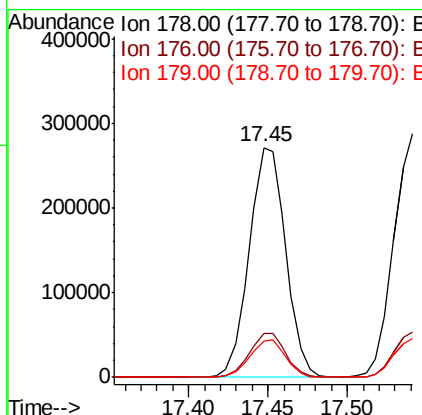
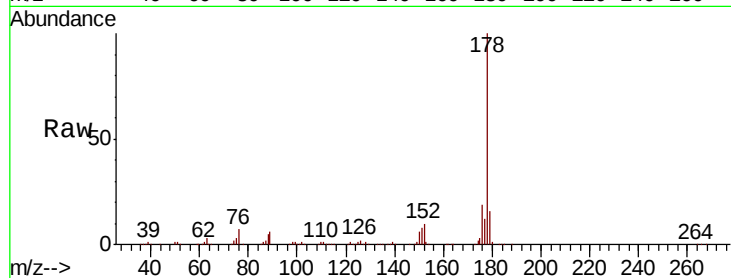




#71
Phenanthrene
Concen: 35.630 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG039180.D
Acq: 17 Jan 2019 6:09

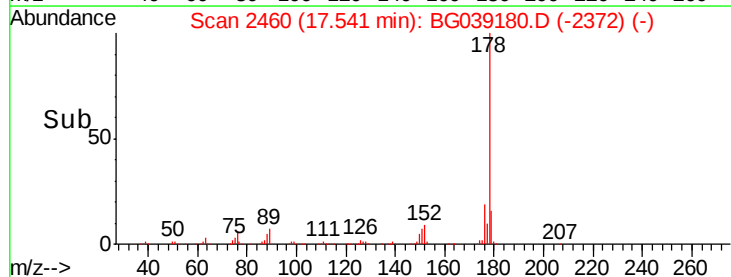
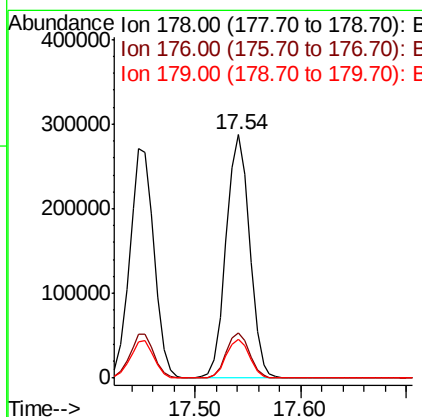
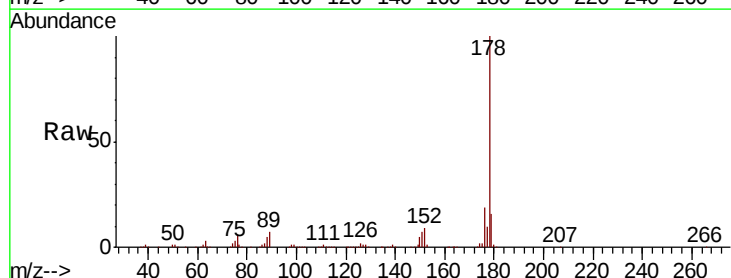
Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tgt Ion:178 Resp: 433780
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 16.0 12.9 19.3



#72
Anthracene
Concen: 36.711 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039180.D
Acq: 17 Jan 2019 6:09

Tgt Ion:178 Resp: 441909
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.9 13.0 19.4

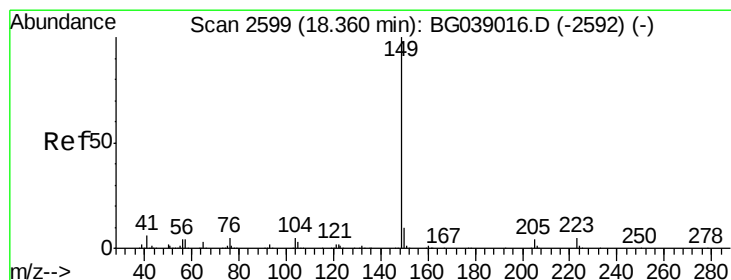
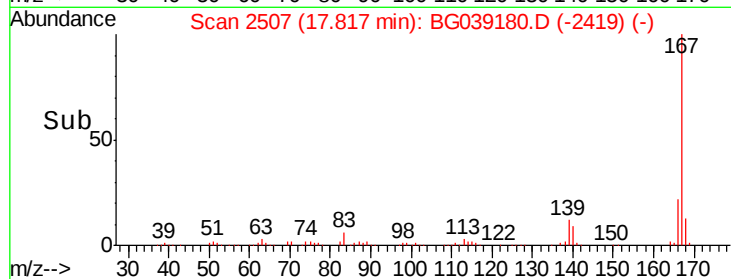
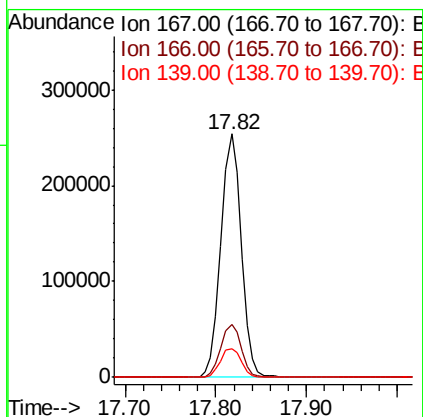
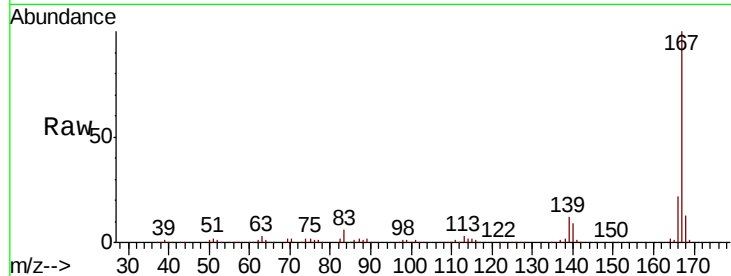




#73
 Carbazole
 Concen: 33.404 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.01 min
 Lab File: BG039180.D
 Acq: 17 Jan 2019 6:09

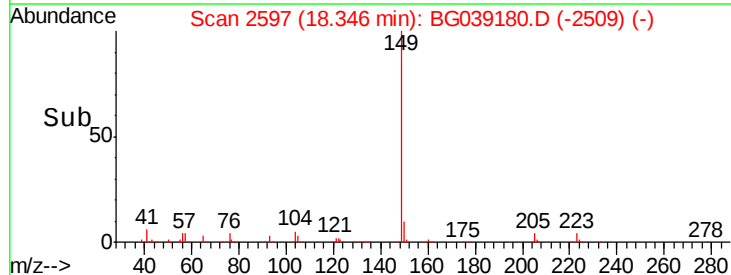
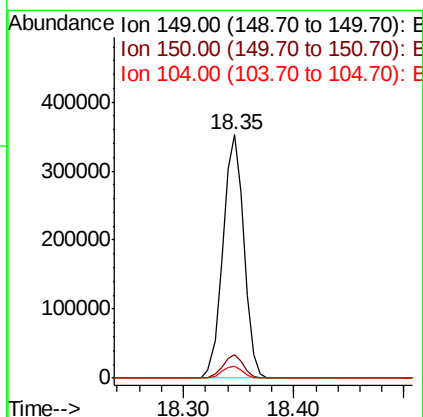
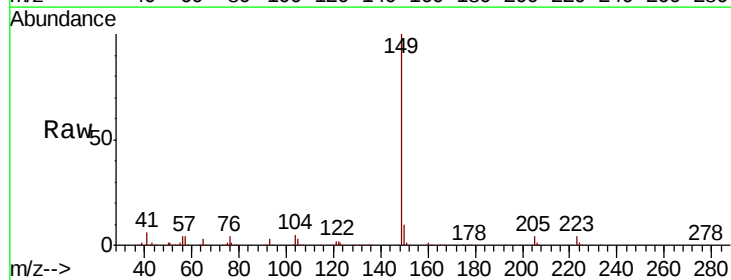
Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

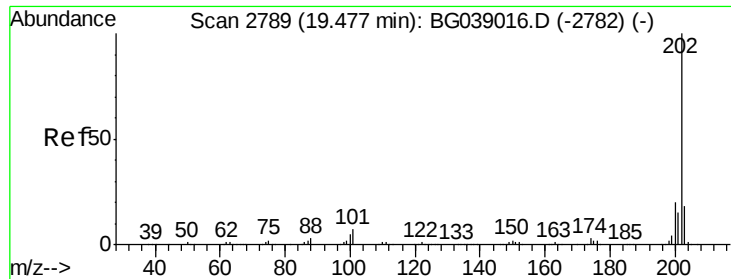
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	16.9	25.3
139	11.8	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 35.353 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. -0.01 min
 Lab File: BG039180.D
 Acq: 17 Jan 2019 6:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.9	11.9
104	5.0	4.2	6.2

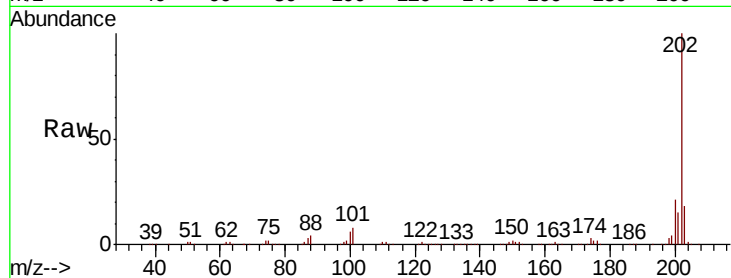




#75
 Fluoranthene
 Concen: 35.379 ng
 RT: 19.46 min Scan# 2786
 Delta R.T. -0.02 min
 Lab File: BG039180.D
 Acq: 17 Jan 2019 6:09

Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	533969		
101	8.2		0.0	26.9
203	18.0		0.0	38.1

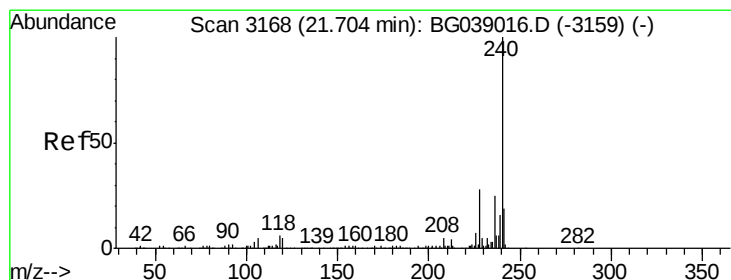
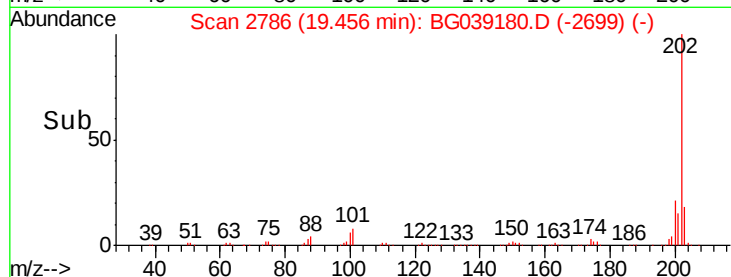
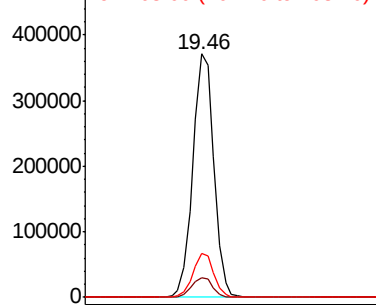


Abundance

Ion 202.00 (201.70 to 202.70): E

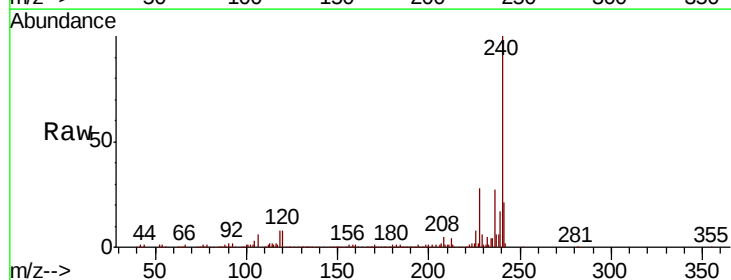
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.02 min
 Lab File: BG039180.D
 Acq: 17 Jan 2019 6:09

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	233738		
120	8.1		4.3	6.5#
236	26.7		20.1	30.1

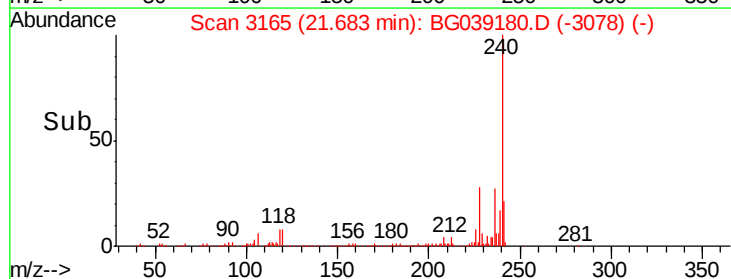
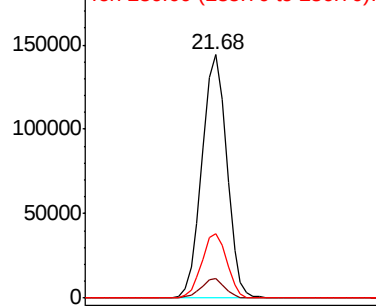


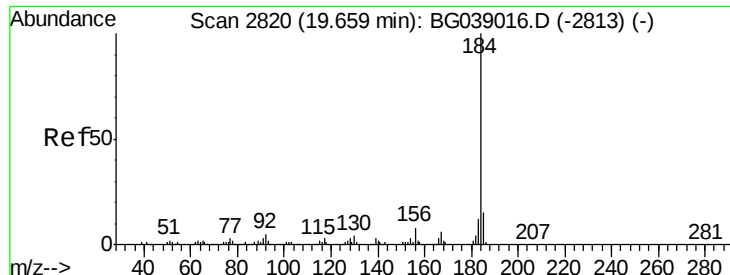
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 16.456 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA_G

ClientSampleId :

PB116427BS

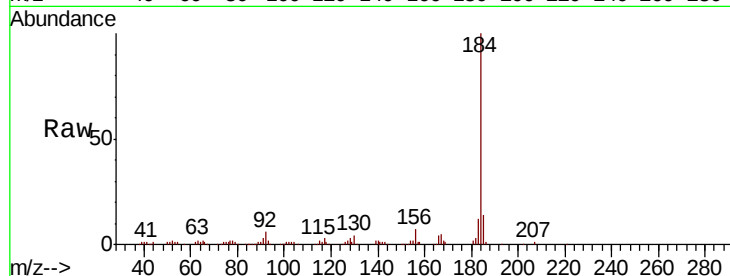
Tgt Ion:184 Resp: 117648

Ion Ratio Lower Upper

184 100

185 14.3 12.1 18.1

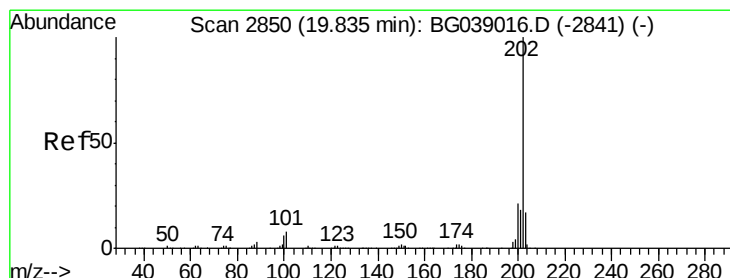
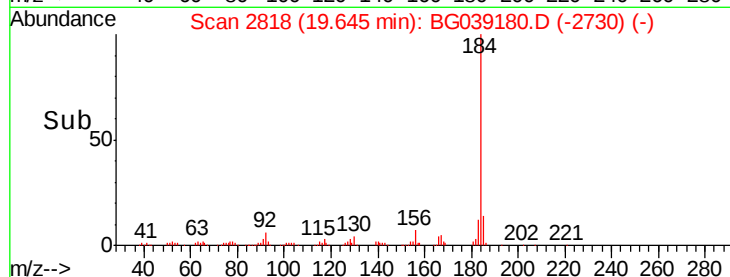
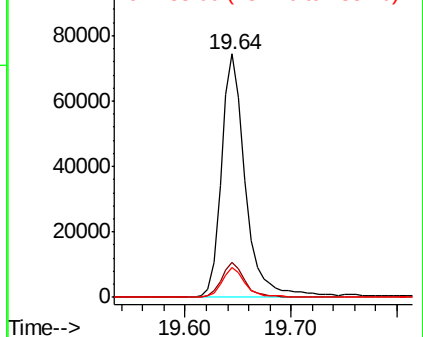
183 12.0 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.382 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

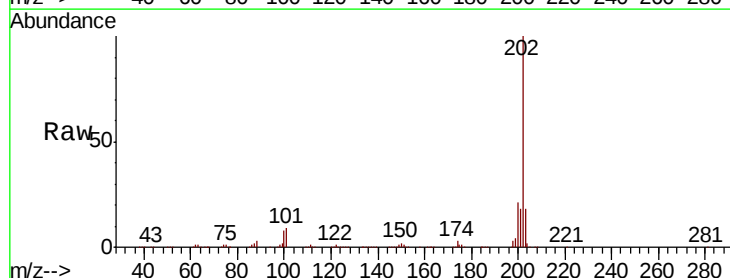
Tgt Ion:202 Resp: 541944

Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.6

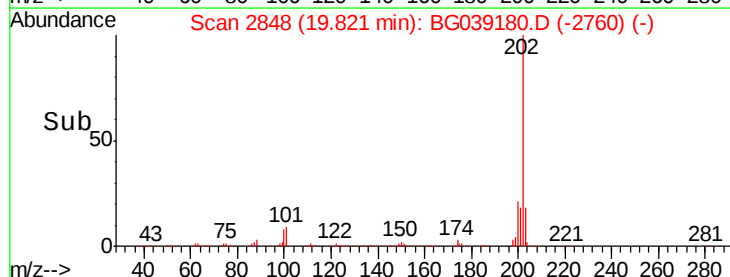
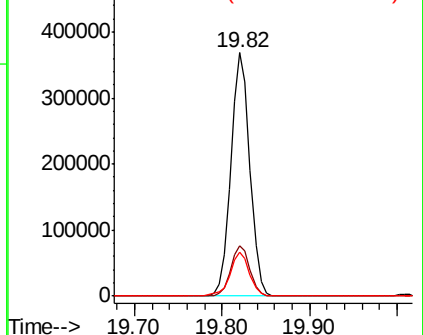
203 17.8 14.0 21.0

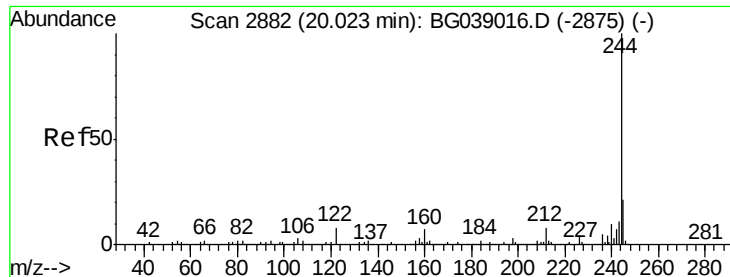


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.506 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA_G

ClientSampleId :

PB116427BS

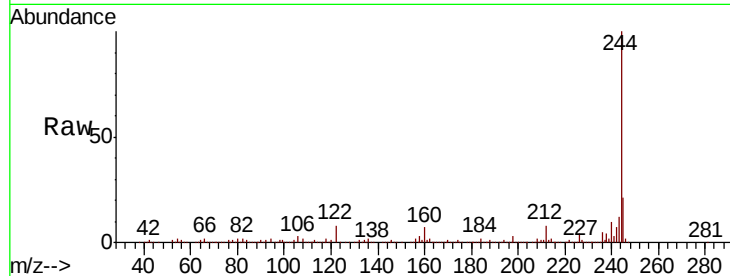
Tgt Ion:244 Resp: 802415

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

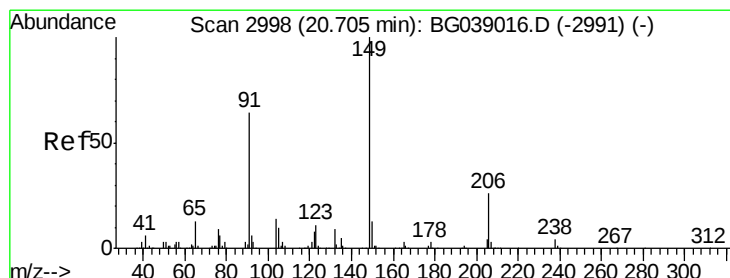
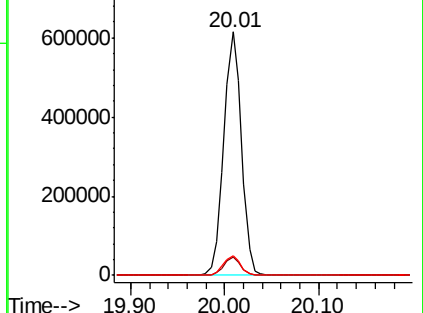
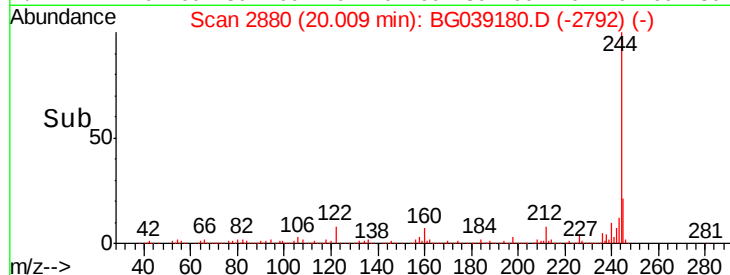
122 8.0 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.598 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

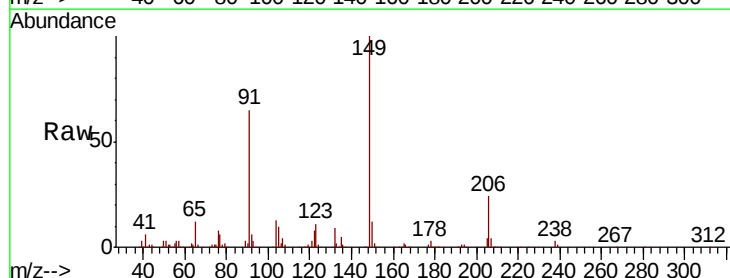
Tgt Ion:149 Resp: 213008

Ion Ratio Lower Upper

149 100

91 64.7 51.4 77.0

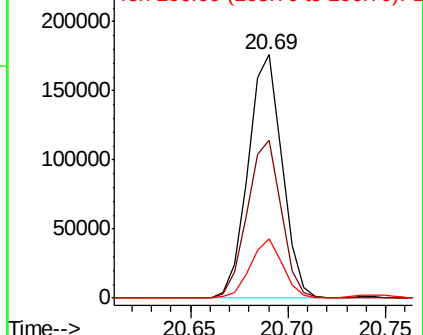
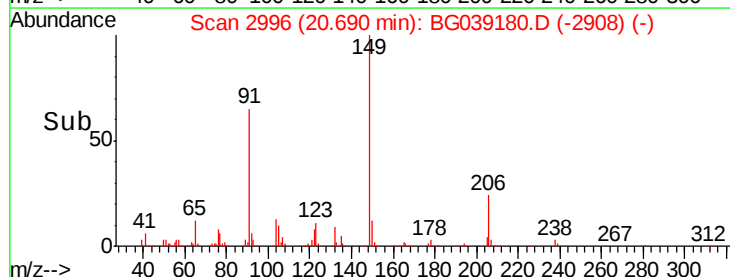
206 24.4 20.4 30.6

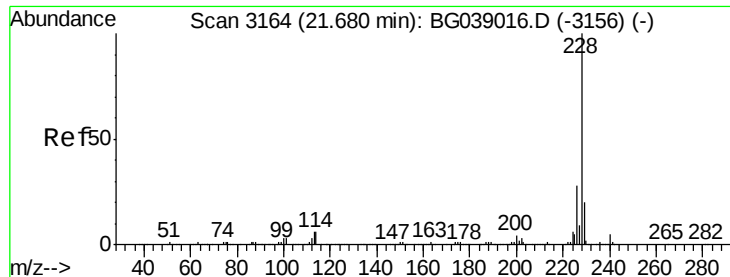


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.792 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.02 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA_G

ClientSampleId :

PB116427BS

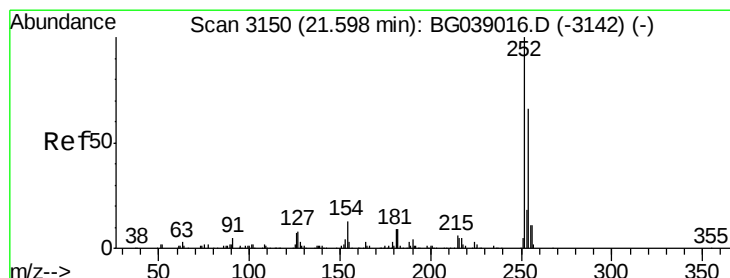
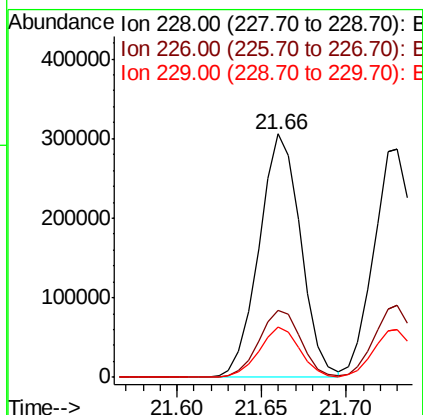
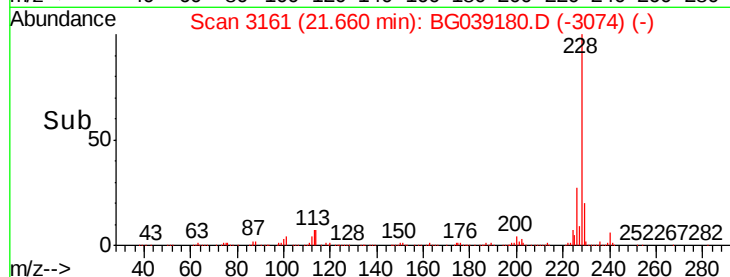
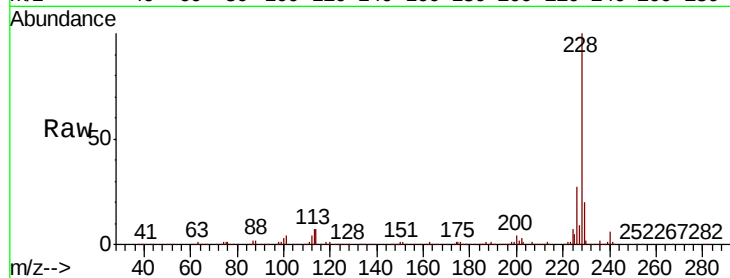
Tgt Ion:228 Resp: 523501

Ion Ratio Lower Upper

228 100

226 27.3 22.4 33.6

229 20.4 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 16.169 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.02 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

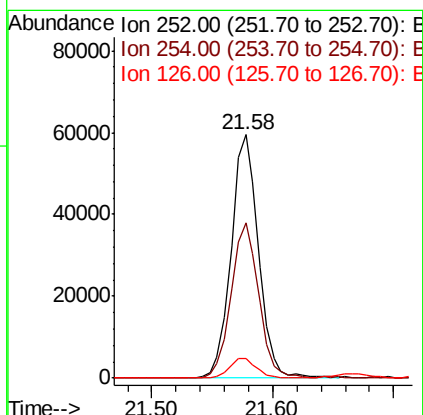
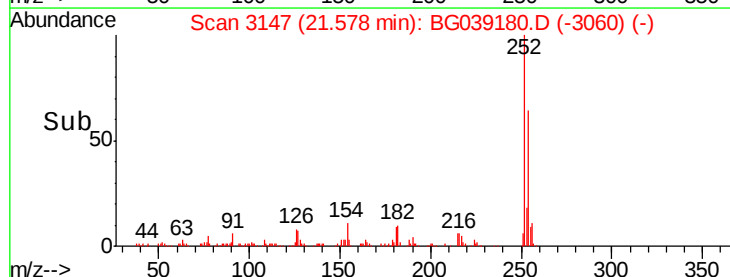
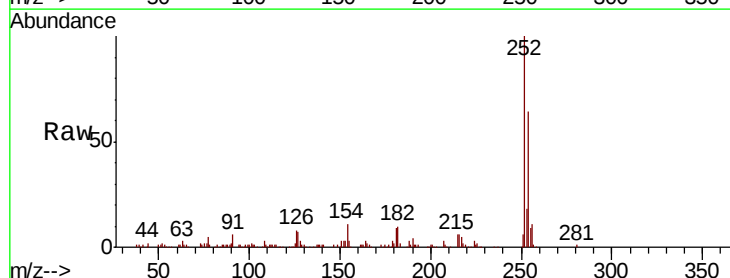
Tgt Ion:252 Resp: 93739

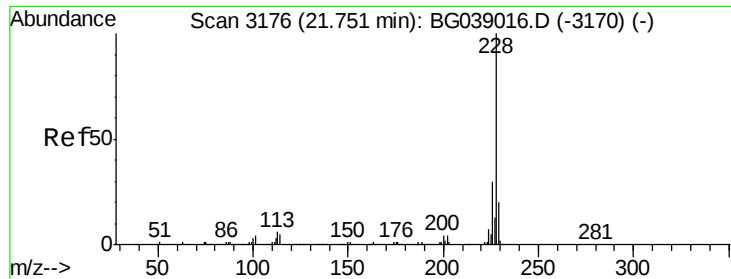
Ion Ratio Lower Upper

252 100

254 63.7 53.0 79.6

126 8.3 6.0 9.0





#83

Chrysene

Concen: 35.681 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.02 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA_G

ClientSampleId :

PB116427BS

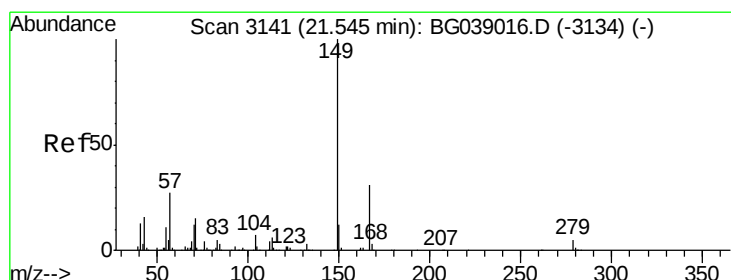
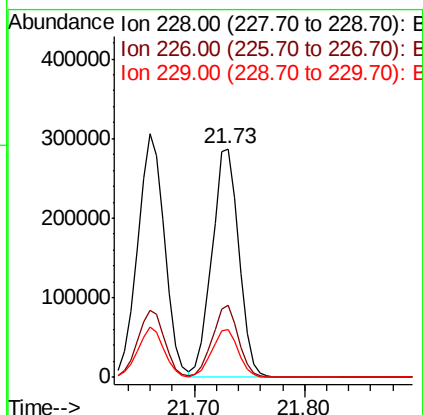
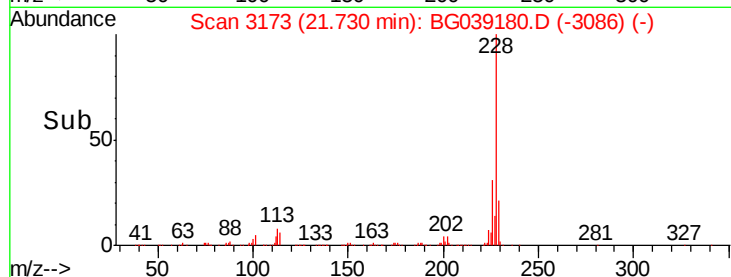
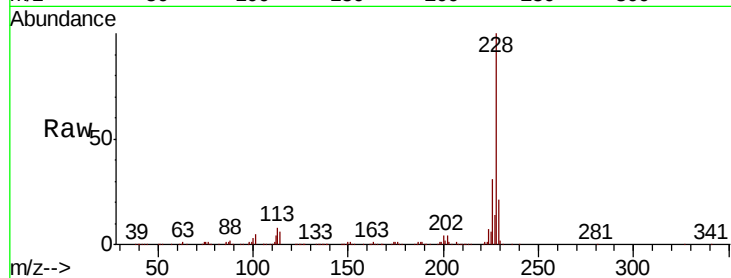
Tgt Ion:228 Resp: 482859

Ion Ratio Lower Upper

228 100

226 31.5 24.1 36.1

229 21.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.167 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.02 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

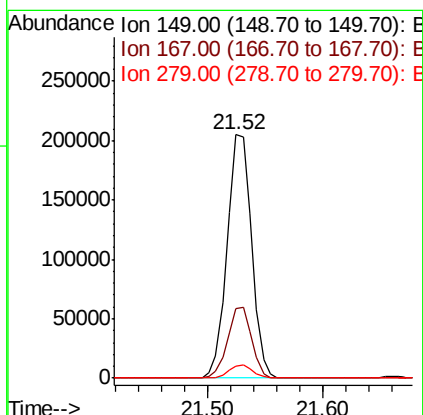
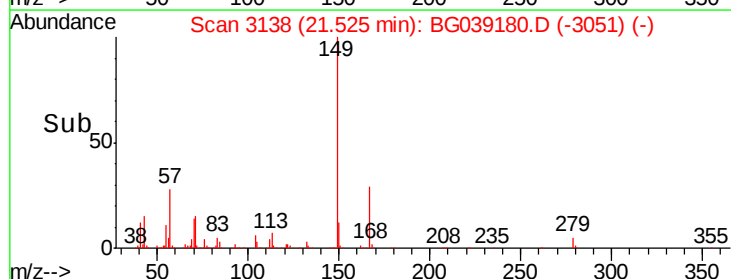
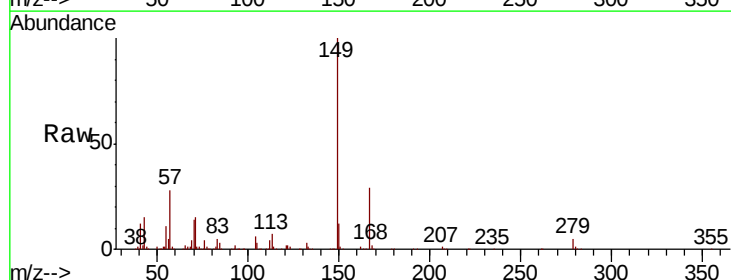
Tgt Ion:149 Resp: 300244

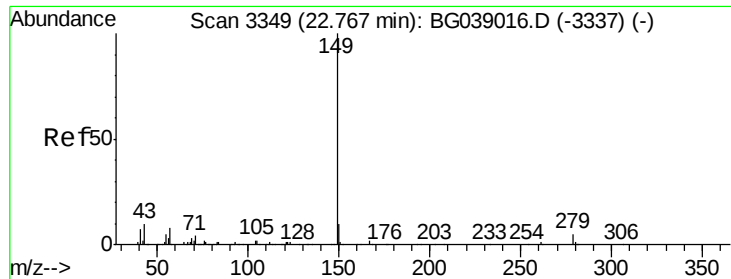
Ion Ratio Lower Upper

149 100

167 28.7 25.0 37.4

279 5.0 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 38.648 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.03 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA_G

ClientSampleId :

PB116427BS

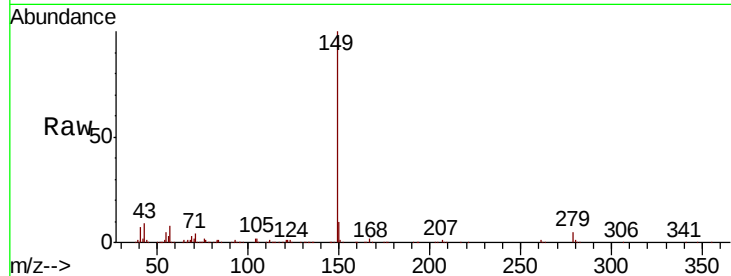
Tgt Ion:149 Resp: 514088

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

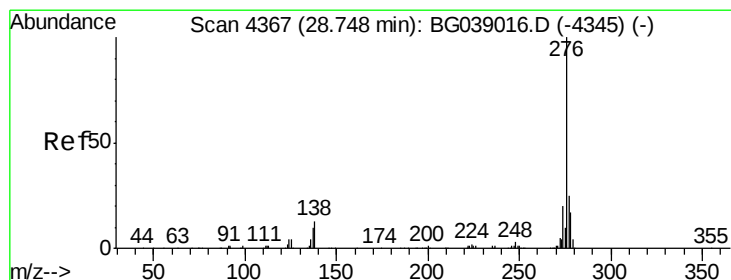
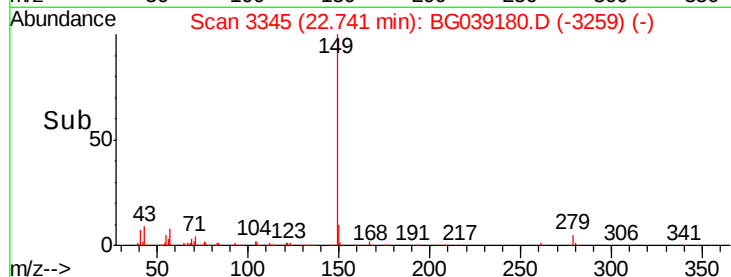
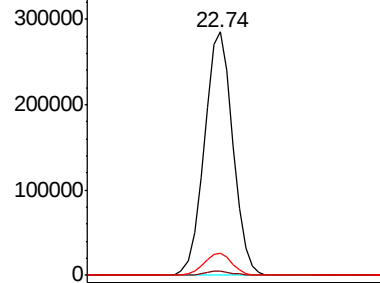
43 9.2 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.107 ng

RT: 28.69 min Scan# 4357

Delta R.T. -0.06 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

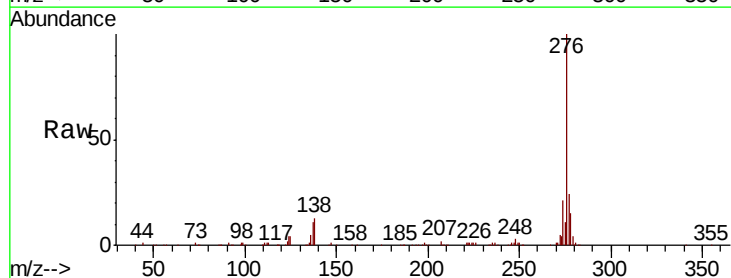
Tgt Ion:276 Resp: 583871

Ion Ratio Lower Upper

276 100

138 18.5 8.0 12.0#

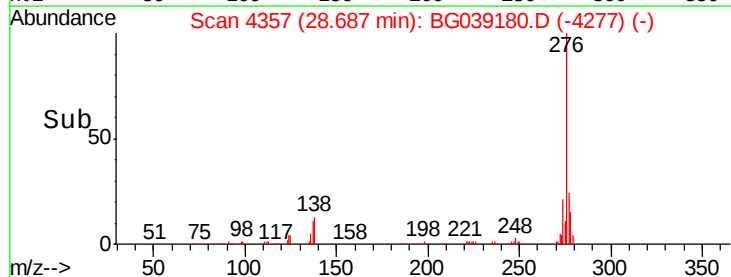
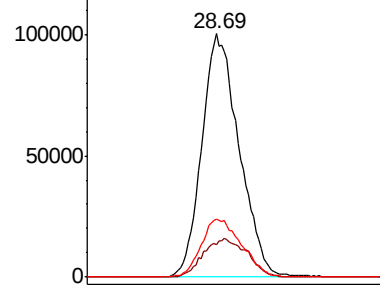
277 25.6 20.3 30.5

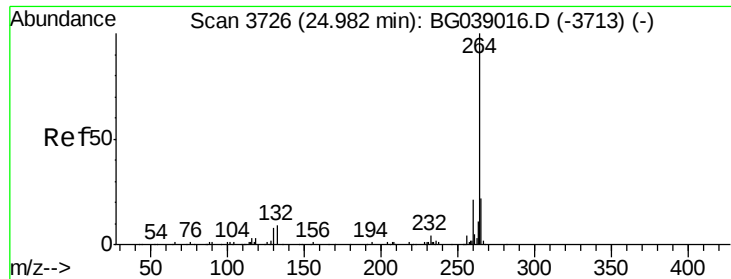


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3720

Delta R.T. -0.04 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA_G

ClientSampleId :

PB116427BS

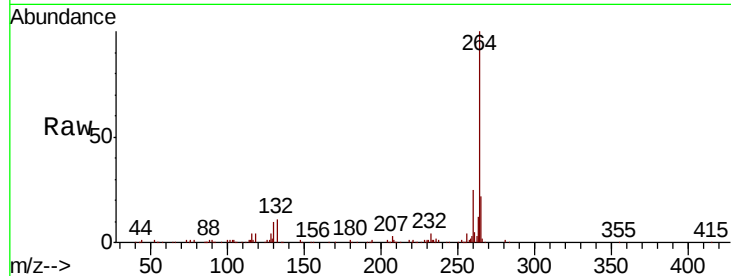
Tgt Ion:264 Resp: 250558

Ion Ratio Lower Upper

264 100

260 24.8 17.0 25.6

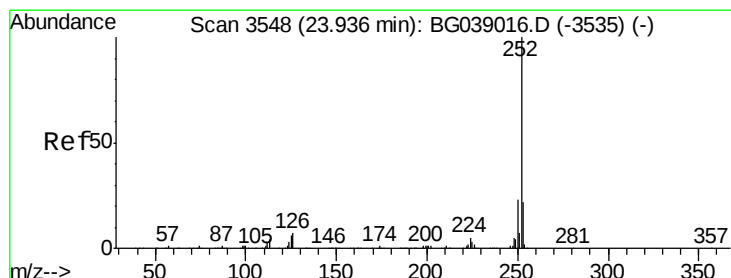
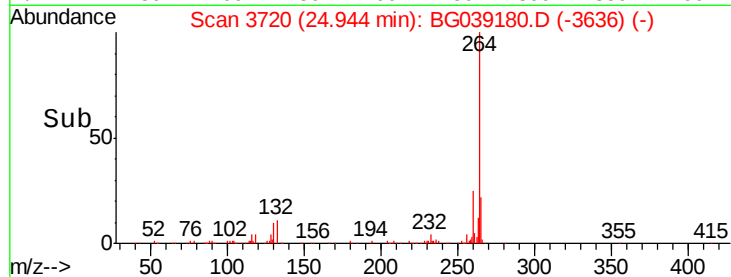
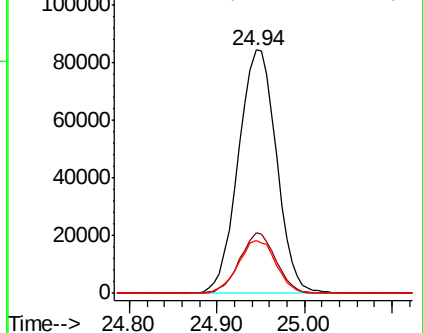
265 21.6 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 36.969 ng

RT: 23.90 min Scan# 3543

Delta R.T. -0.03 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

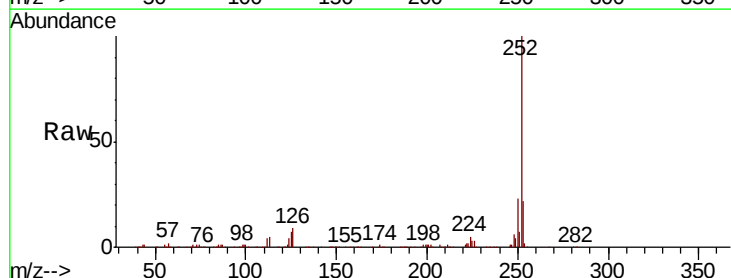
Tgt Ion:252 Resp: 510749

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

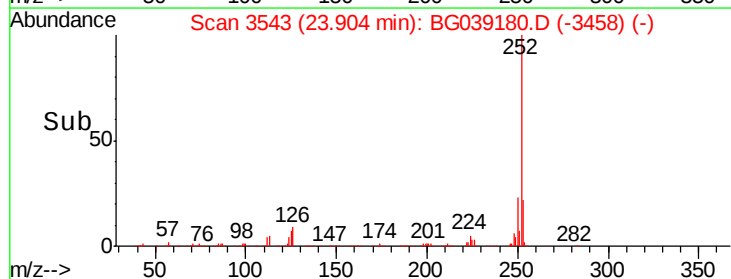
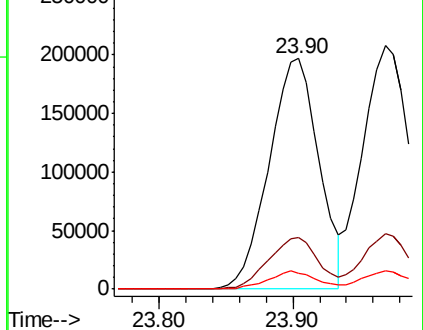
125 7.0 4.9 7.3

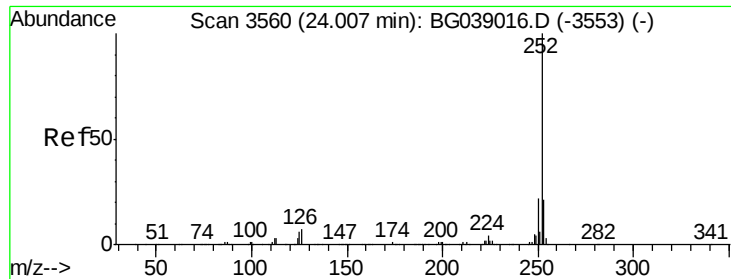


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

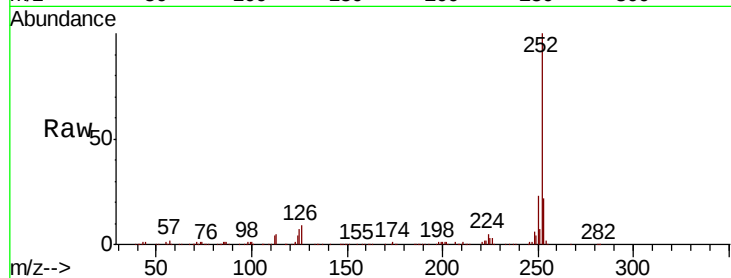




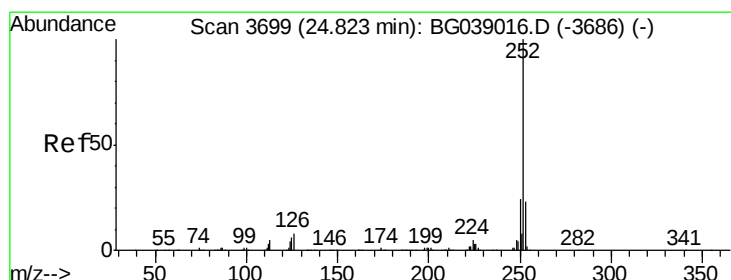
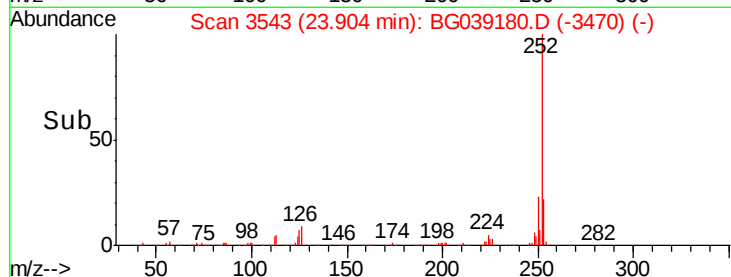
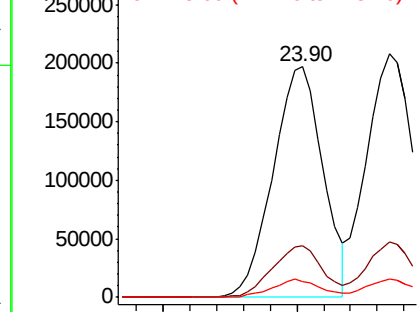
#89
Benzo(k)fluoranthene
Concen: 37.390 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.10 min
Lab File: BG039180.D
Acq: 17 Jan 2019 6:09

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tgt Ion:252 Resp: 510749
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 7.0 4.6 7.0

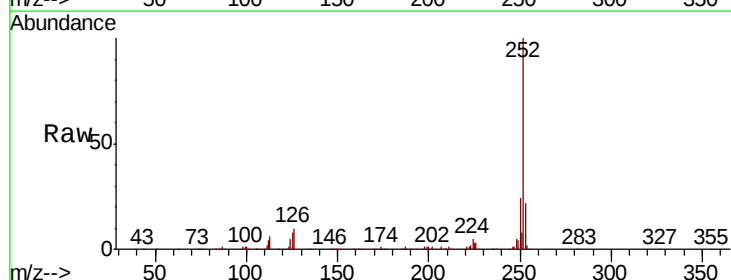


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

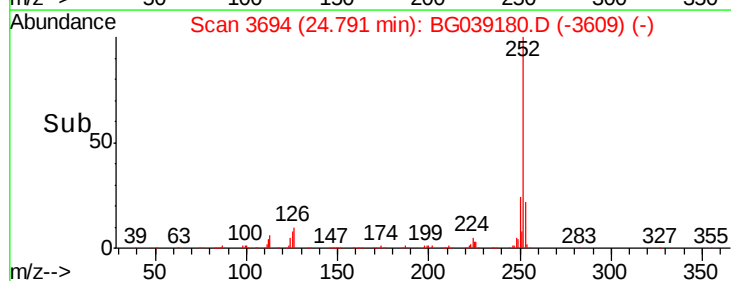
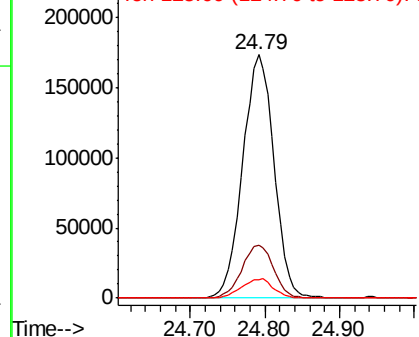


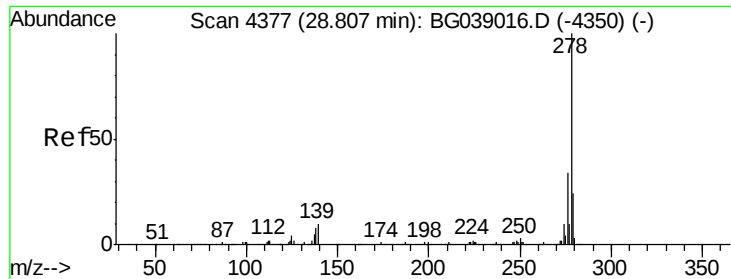
#90
Benzo(a)pyrene
Concen: 37.767 ng
RT: 24.79 min Scan# 3694
Delta R.T. -0.03 min
Lab File: BG039180.D
Acq: 17 Jan 2019 6:09

Tgt Ion:252 Resp: 504344
Ion Ratio Lower Upper
252 100
253 21.6 18.3 27.5
125 7.6 4.9 7.3#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 36.543 ng

RT: 28.75 min Scan# 4368

Delta R.T. -0.06 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA_G

ClientSampleId :

PB116427BS

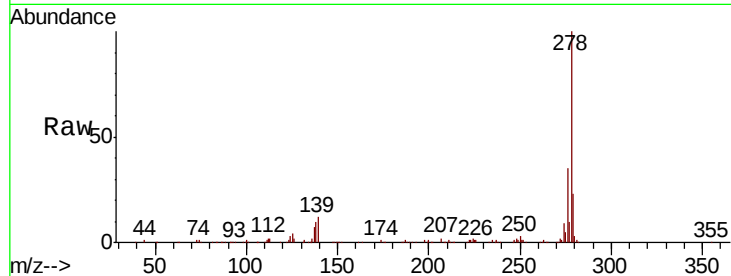
Tgt Ion:278 Resp: 485400

Ion Ratio Lower Upper

278 100

139 11.7 7.9 11.9

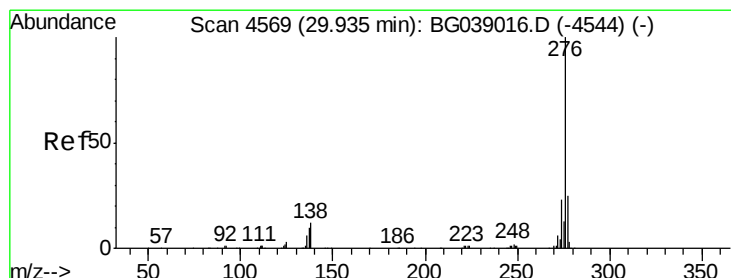
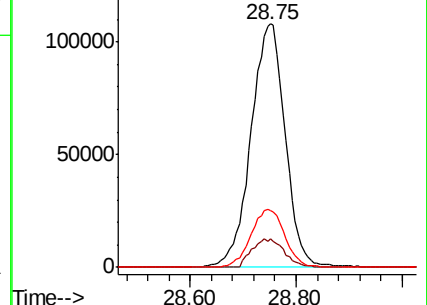
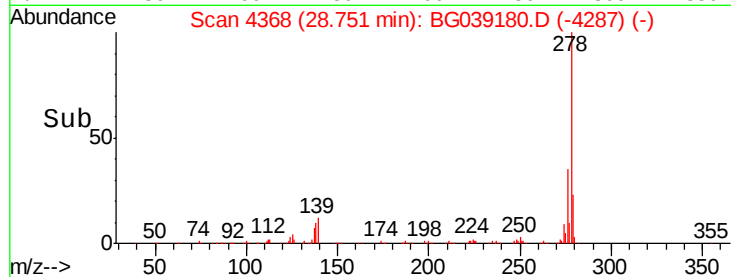
279 23.2 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.259 ng

RT: 29.87 min Scan# 4558

Delta R.T. -0.07 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

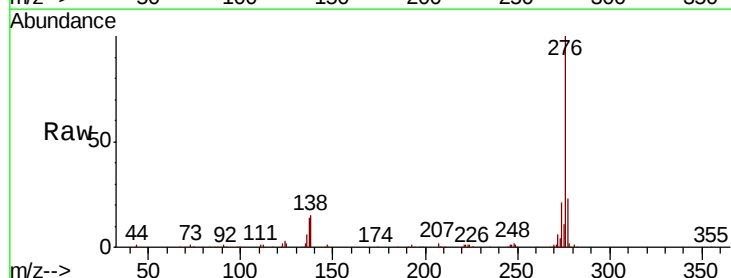
Tgt Ion:276 Resp: 489945

Ion Ratio Lower Upper

276 100

277 23.0 20.3 30.5

138 15.0 9.4 14.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

