

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039016.D
 Acq On : 9 Jan 2019 11:39
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 09 12:57:23 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 12:51:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	22961	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	95310	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	68049	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	171817	20.00	ng	0.00
76) Chrysene-d12	21.70	240	176464	20.00	ng	0.00
87) Perylene-d12	24.98	264	195497	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	100411	77.56	ng	0.00
7) Phenol-d6	7.19	99	143844	80.94	ng	0.00
23) Nitrobenzene-d5	9.21	82	140420	75.27	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	92713	98.86	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	397103	80.05	ng	0.00
79) Terphenyl-d14	20.02	244	750389	92.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	18730	31.087	ng	100
3) Pyridine	3.87	79	53077	31.997	ng	100
4) n-Nitrosodimethylamine	3.79	42	24148	29.710	ng	100
6) Aniline	7.36	93	87217	38.444	ng	100
8) 2-Chlorophenol	7.59	128	59282	39.571	ng	100
9) Benzaldehyde	7.17	77	37993	32.955	ng	100
10) Phenol	7.21	94	72321	38.304	ng	100
11) bis(2-Chloroethyl)ether	7.45	93	54949	36.554	ng	100
12) 1,3-Dichlorobenzene	7.91	146	68730	38.801	ng	100
13) 1,4-Dichlorobenzene	8.07	146	70264	38.731	ng	100
14) 1,2-Dichlorobenzene	8.38	146	66876	39.103	ng	100
15) Benzyl Alcohol	8.27	79	55597	40.080	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.55	45	103620	30.092	ng	100
17) 2-Methylphenol	8.47	107	50730	40.103	ng	100
18) Hexachloroethane	9.11	117	23831	35.949	ng	100
19) n-Nitroso-di-n-propylamine	8.84	70	46035	36.881	ng	100
20) 3+4-Methylphenols	8.80	107	72005	41.216	ng	100
22) Acetophenone	8.86	105	100306	42.134	ng	100
24) Nitrobenzene	9.25	77	69967	37.072	ng	100
25) Isophorone	9.76	82	120732	36.018	ng	100
26) 2-Nitrophenol	9.96	139	38809	40.176	ng	100
27) 2,4-Dimethylphenol	10.01	122	54658	39.481	ng	100
28) bis(2-Chloroethoxy)methane	10.25	93	73284	38.741	ng	100
29) 2,4-Dichlorophenol	10.49	162	68828	44.690	ng	100
30) 1,2,4-Trichlorobenzene	10.70	180	79493	42.731	ng	100
31) Naphthalene	10.90	128	188716	40.186	ng	100
32) Benzoic acid	10.17	122	27765	37.773	ng	100
33) 4-Chloroaniline	11.02	127	87816	43.073	ng	100
34) Hexachlorobutadiene	11.16	225	55531	44.115	ng	100
35) Caprolactam	11.80	113	26757	41.980	ng	100
36) 4-Chloro-3-methylphenol	12.13	107	71614	40.747	ng	100
37) 2-Methylnaphthalene	12.50	142	142022	42.392	ng	100
38) 1-Methylnaphthalene	12.72	142	136855	42.097	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	102961	40.478	ng	100

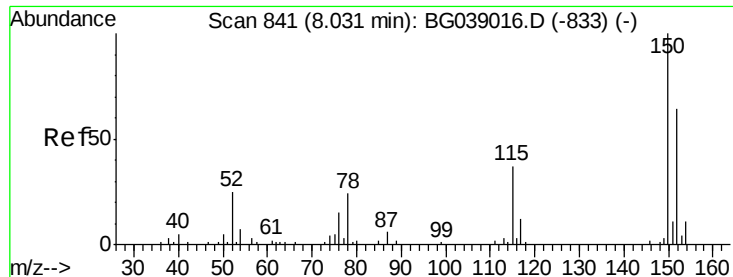
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039016.D
 Acq On : 9 Jan 2019 11:39
 Operator : JU/SJ
 Sample : SSTDICCC040
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 QLast Update : Wed Jan 09 12:51:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	51850	37.103	ng	100
43) 2,4,6-Trichlorophenol	13.11	196	66234	42.349	ng	100
44) 2,4,5-Trichlorophenol	13.18	196	70867	42.796	ng	100
46) 1,1'-Biphenyl	13.51	154	216441	37.941	ng	100
47) 2-Chloronaphthalene	13.55	162	174864	39.682	ng	100
48) 2-Nitroaniline	13.77	65	50982	36.322	ng	100
49) Acenaphthylene	14.40	152	262341	39.823	ng	100
50) Dimethylphthalate	14.12	163	227623	40.961	ng	100
51) 2,6-Dinitrotoluene	14.26	165	51982	41.277	ng	100
52) Acenaphthene	14.74	154	155698	39.525	ng	100
53) 3-Nitroaniline	14.59	138	52568	40.949	ng	100
54) 2,4-Dinitrophenol	14.80	184	28435	43.241	ng	100
55) Dibenzofuran	15.07	168	274687	40.680	ng	100
56) 4-Nitrophenol	14.90	139	39158	40.208	ng	100
57) 2,4-Dinitrotoluene	15.05	165	73403	41.384	ng	100
58) Fluorene	15.72	166	207812	41.540	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.30	232	64212	43.101	ng	100
60) Diethylphthalate	15.48	149	233301	38.243	ng	100
61) 4-Chlorophenyl-phenylether	15.70	204	132590	42.478	ng	100
62) 4-Nitroaniline	15.76	138	56181	42.509	ng	100
63) Azobenzene	16.00	77	181286	35.572	ng	100
65) 4,6-Dinitro-2-methylphenol	15.80	198	52325	42.691	ng	100
66) n-Nitrosodiphenylamine	15.93	169	206943	40.992	ng	100
67) 4-Bromophenyl-phenylether	16.60	248	89453	42.630	ng	100
68) Hexachlorobenzene	16.72	284	95902	44.089	ng	100
69) Atrazine	16.87	200	88919	47.461	ng	100
70) Pentachlorophenol	17.07	266	54452	42.322	ng	100
71) Phenanthrene	17.47	178	364310	40.889	ng	100
72) Anthracene	17.56	178	360326	40.965	ng	100
73) Carbazole	17.83	167	354171	40.714	ng	100
74) Di-n-butylphthalate	18.36	149	395196	39.592	ng	100
75) Fluoranthene	19.48	202	449494	40.774	ng	100
77) Benzidine	19.66	184	235207	45.070	ng	100
78) Pyrene	19.84	202	454976	39.028	ng	100
80) Butylbenzylphthalate	20.70	149	173589	38.113	ng	100
81) Benzo(a)anthracene	21.68	228	435574	40.508	ng	100
82) 3,3'-Dichlorobenzidine	21.60	252	178042	41.749	ng	100
83) Chrysene	21.75	228	411606	39.741	ng	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	240451	37.224	ng	100
85) Di-n-octyl phthalate	22.77	149	410391	37.935	ng	100
86) Indeno(1,2,3-cd)pyrene	28.75	276	503995	41.391	ng	100
88) Benzo(b)fluoranthene	23.94	252	428443	39.916	ng	100
89) Benzo(k)fluoranthene	24.01	252	435375	40.734	ng	100
90) Benzo(a)pyrene	24.82	252	419682	40.529	ng	100
91) Dibenzo(a,h)anthracene	28.81	278	417595	40.503	ng	100
92) Benzo(g,h,i)perylene	29.94	276	410176	40.368	ng	100

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

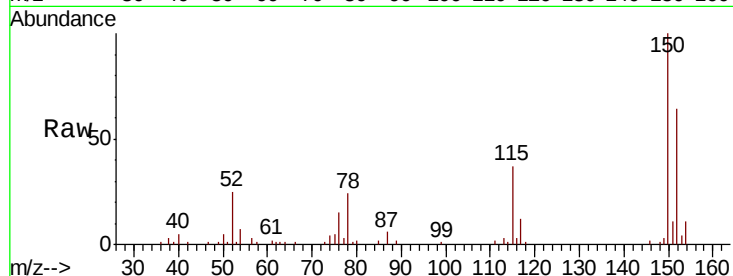


#1

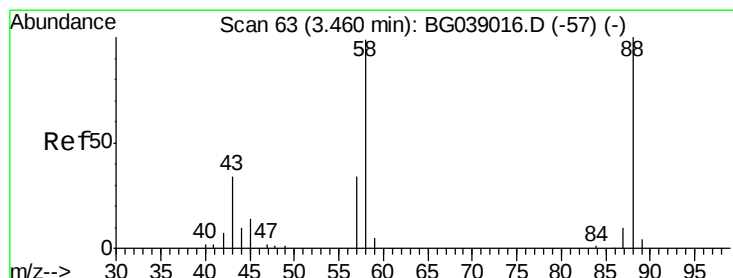
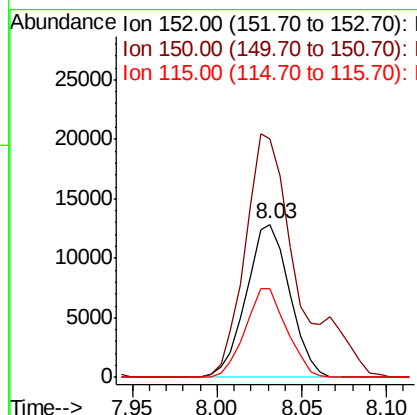
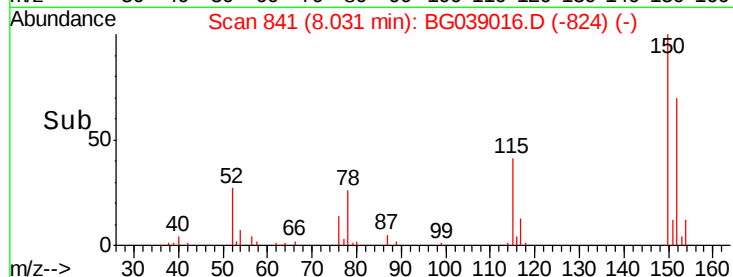
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BG039016.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 22961
Ion Ratio Lower Upper
152 100
150 155.9 124.7 187.1
115 58.1 46.5 69.7



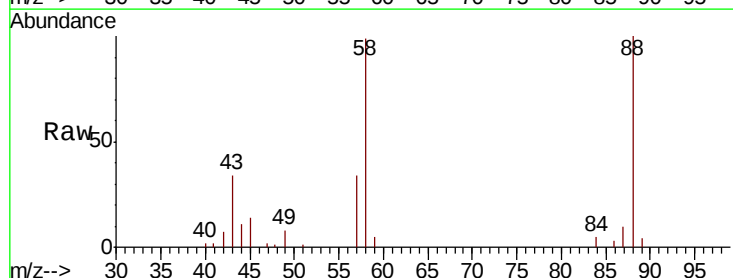
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



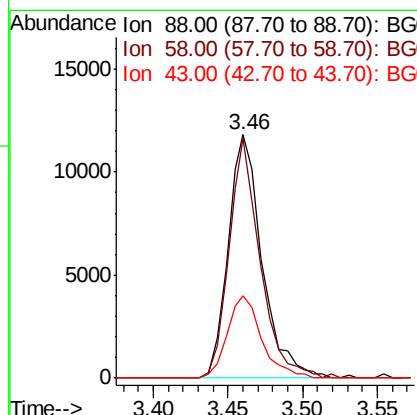
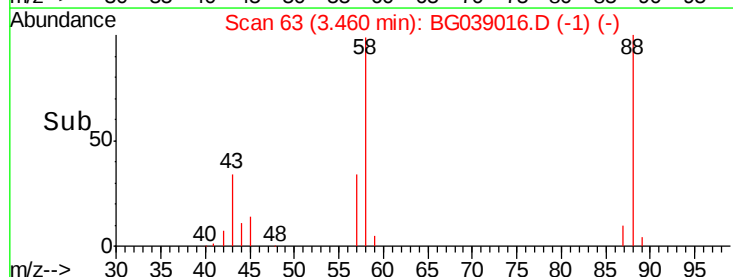
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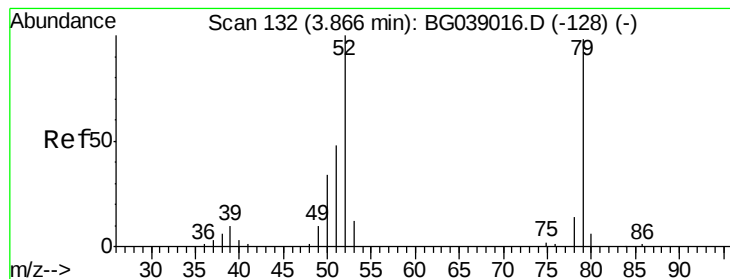
1,4-Dioxane
Concen: 31.087 ng
RT: 3.46 min Scan# 63
Delta R.T. 0.00 min
Lab File: BG039016.D
Acq: 9 Jan 2019 11:39

Tgt Ion: 88 Resp: 18730
Ion Ratio Lower Upper
88 100
58 90.5 72.4 108.6
43 34.5 27.6 41.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.997 ng

RT: 3.87 min Scan# 132

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

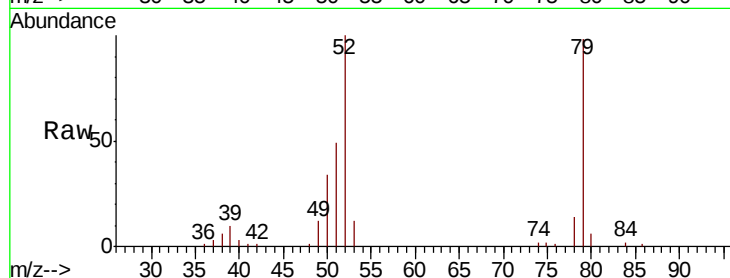
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 53077

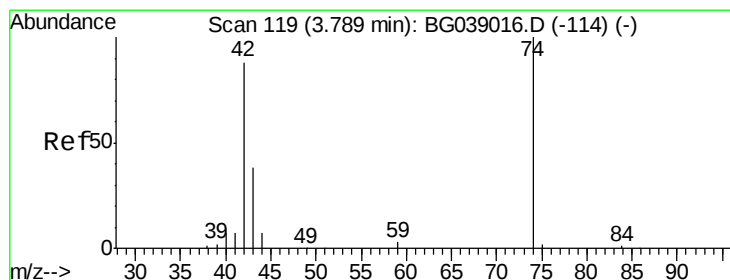
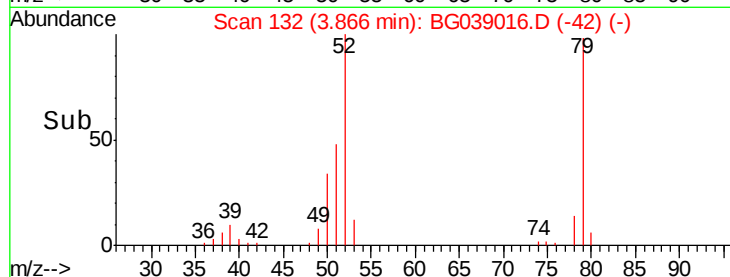
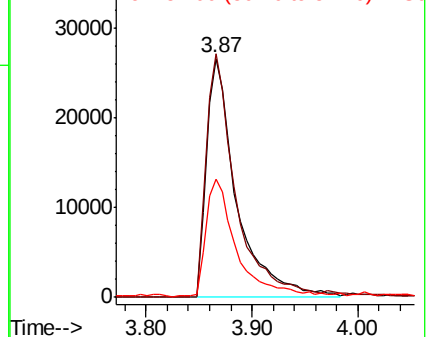
Ion	Ratio	Lower	Upper
79	100		
52	101.9	81.5	122.3
51	49.7	39.8	59.6



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 29.710 ng

RT: 3.79 min Scan# 119

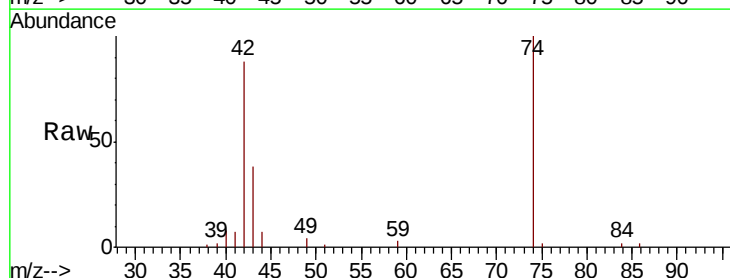
Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

Tgt Ion: 42 Resp: 24148

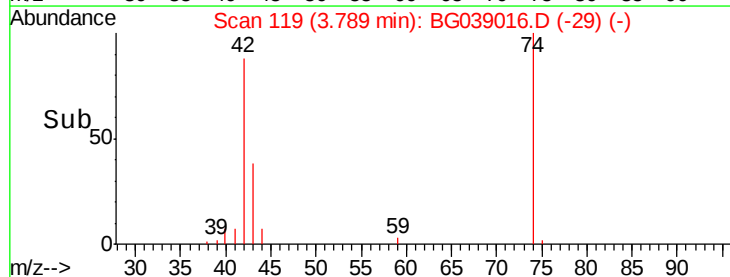
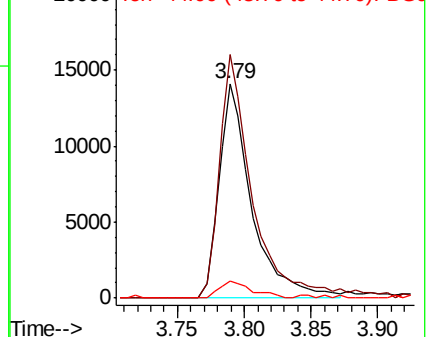
Ion	Ratio	Lower	Upper
42	100		
74	113.4	90.7	136.1
44	8.1	6.5	9.7

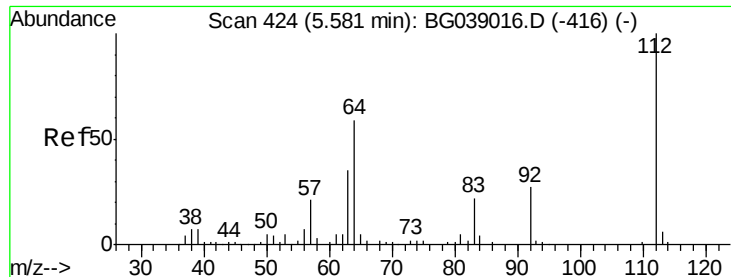


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 77.564 ng

RT: 5.58 min Scan# 424

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

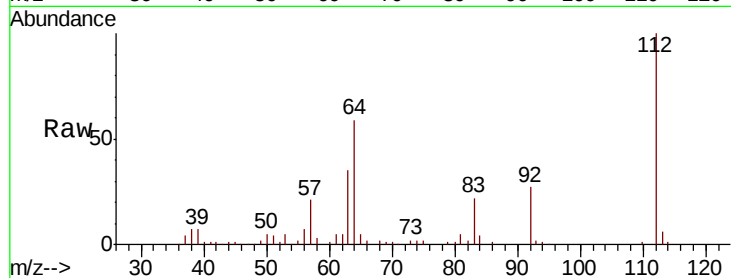
Tot Ion:112 Resp: 100411

Ion Ratio Lower Upper

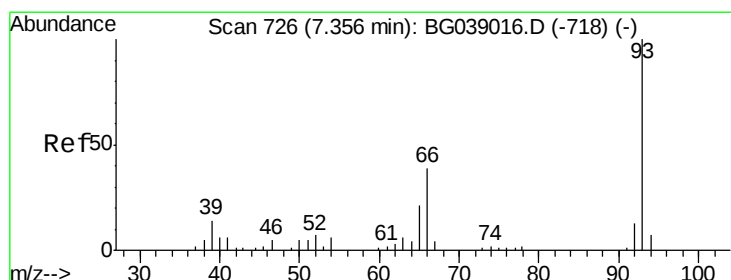
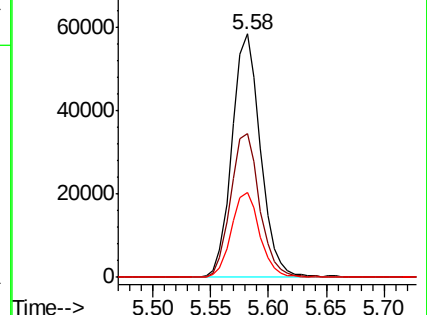
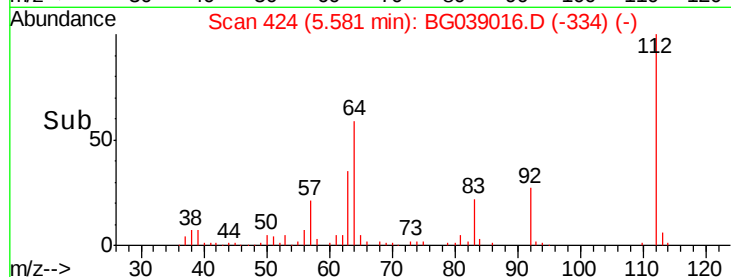
112 100

64 58.8 47.0 70.6

63 35.0 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.444 ng

RT: 7.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

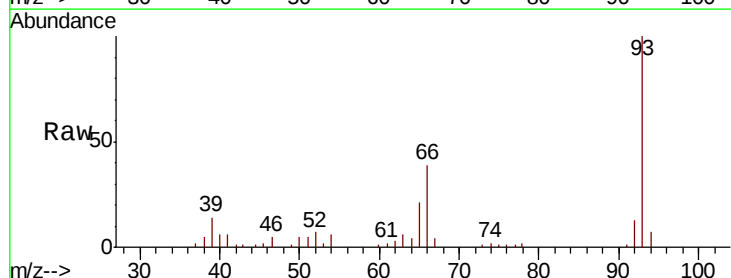
Tgt Ion: 93 Resp: 87217

Ion Ratio Lower Upper

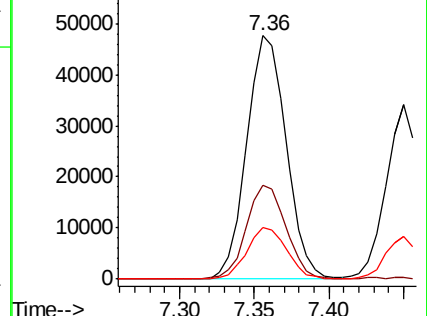
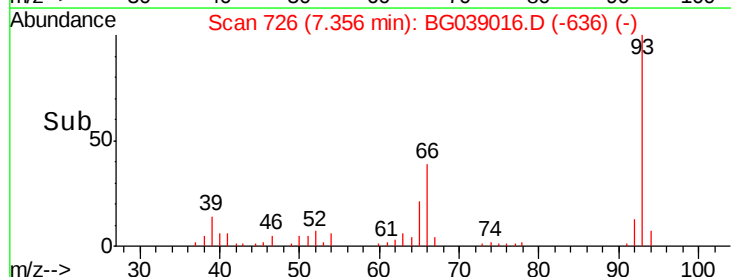
93 100

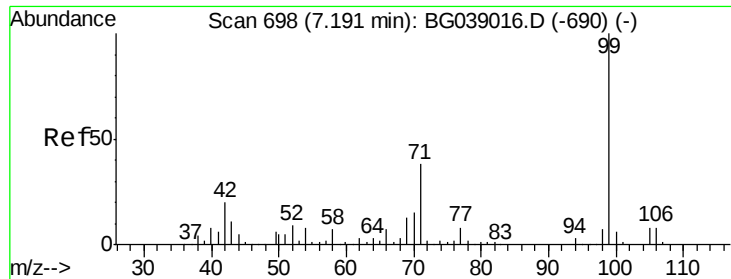
66 38.6 30.9 46.3

65 21.2 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: 80.939 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

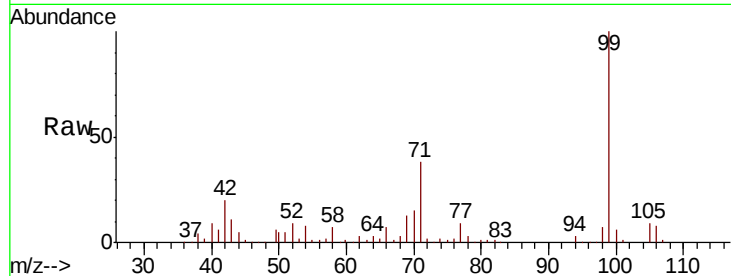
Tot Ion: 99 Resp: 143844

Ion Ratio Lower Upper

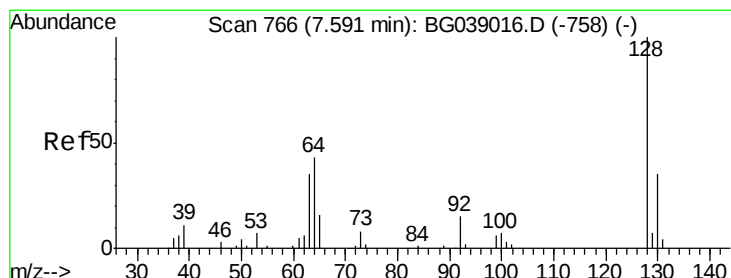
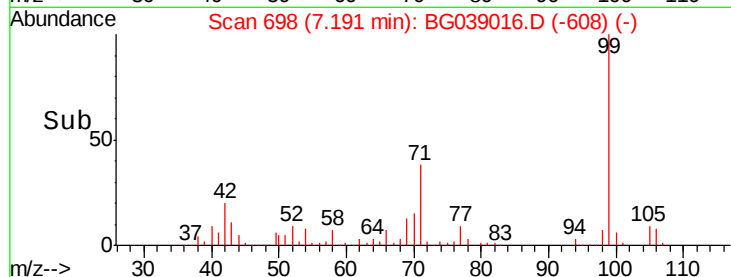
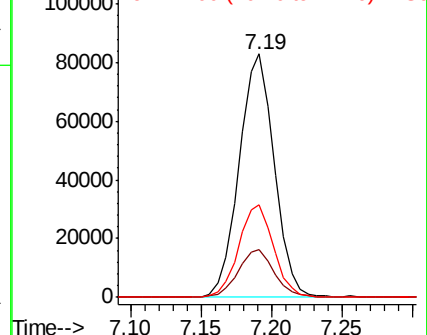
99 100

42 19.7 15.8 23.6

71 37.8 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: 39.571 ng

RT: 7.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

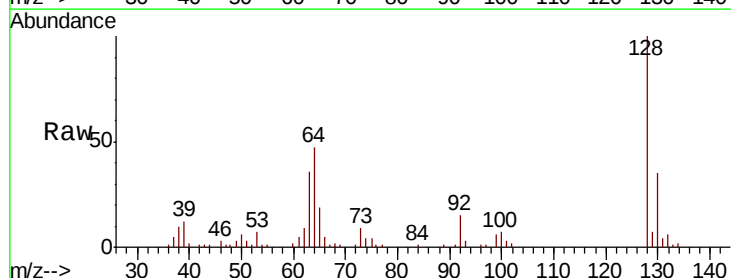
Tgt Ion: 128 Resp: 59282

Ion Ratio Lower Upper

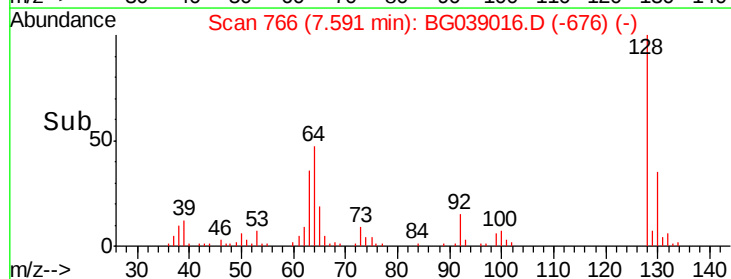
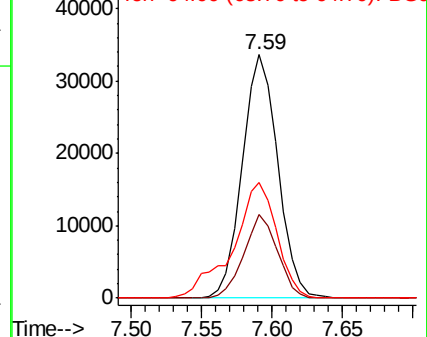
128 100

130 34.5 14.5 54.5

64 47.3 27.3 67.3



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





#9

Benzaldehyde

Concen: 32.955 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_G

ClientSampled :

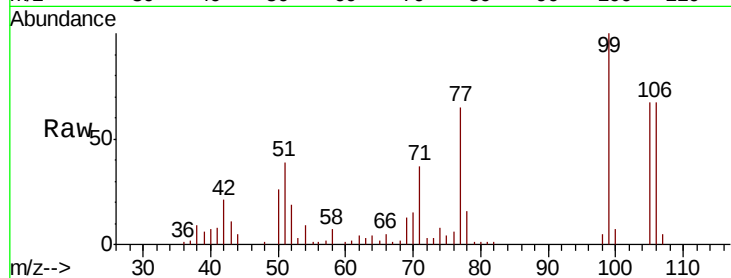
Tot Ion: 77 Resp: 37993

Ion Ratio Lower Upper

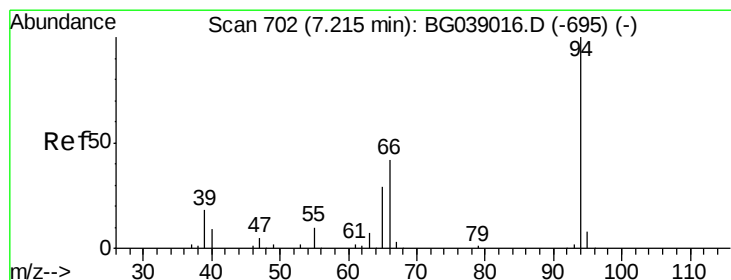
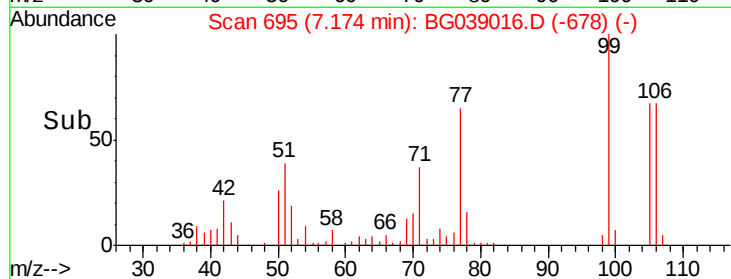
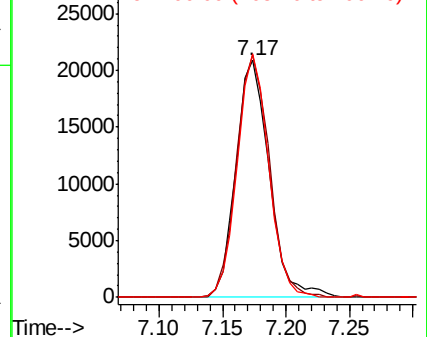
77 100

105 102.4 82.4 122.4

106 102.8 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: 38.304 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

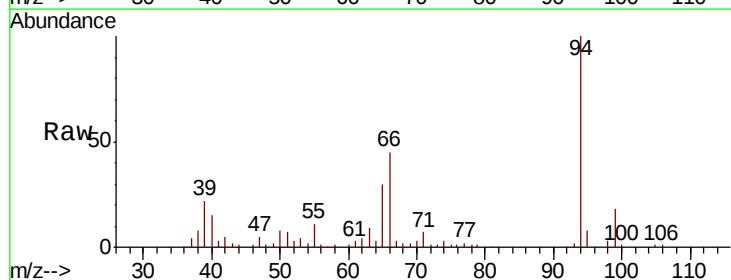
Tgt Ion: 94 Resp: 72321

Ion Ratio Lower Upper

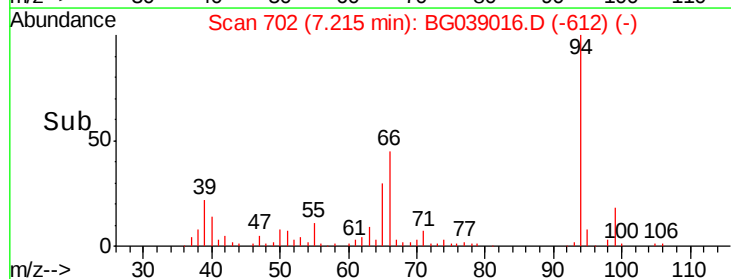
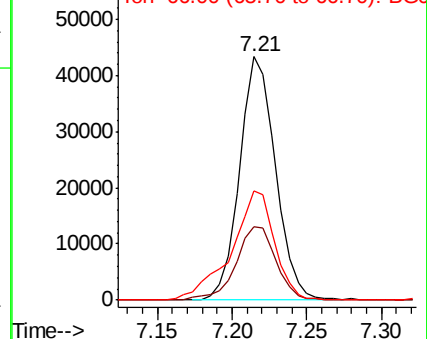
94 100

65 30.3 10.3 50.3

66 45.1 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

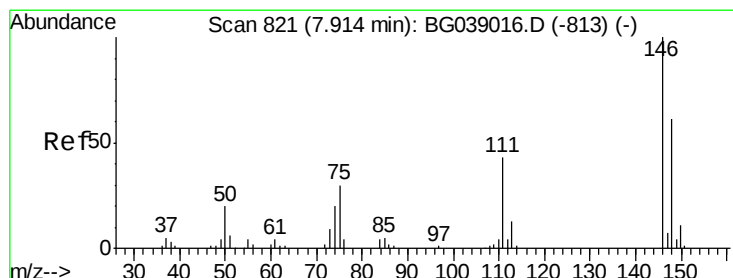
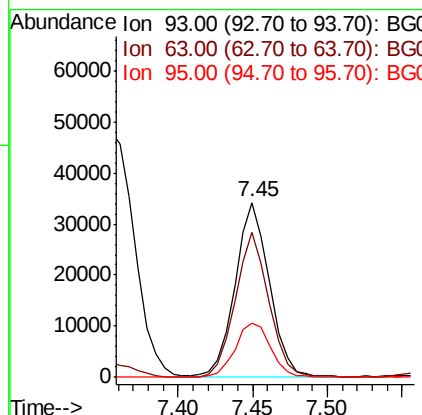
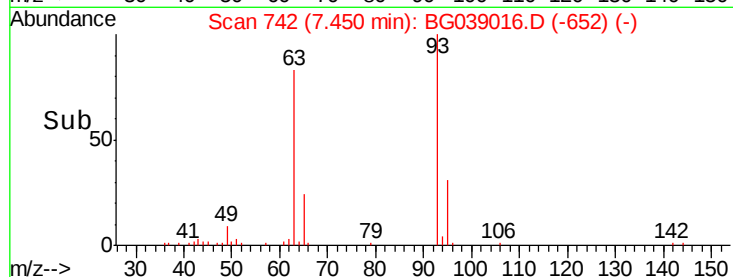
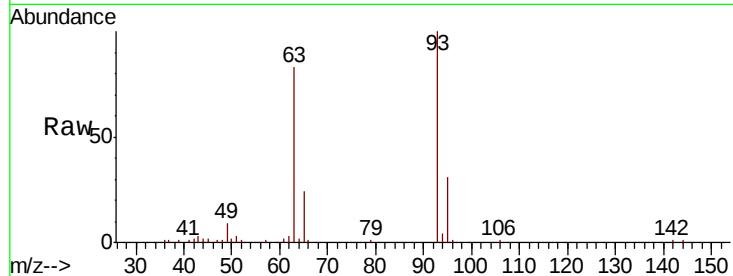




#11
bis(2-Chloroethyl)ether
Concen: 36.554 ng
RT: 7.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BG039016.D
Acq: 9 Jan 2019 11:39

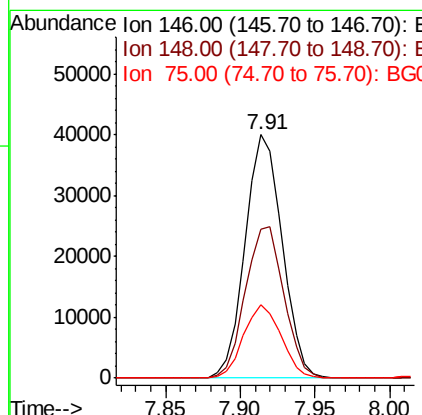
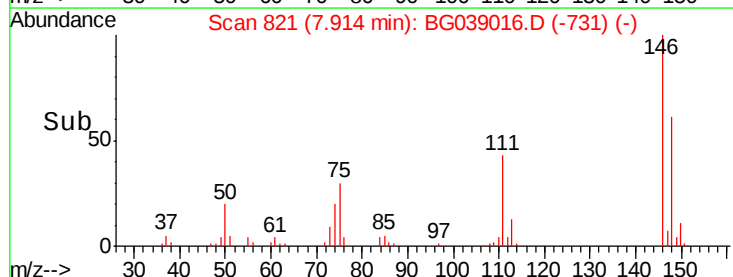
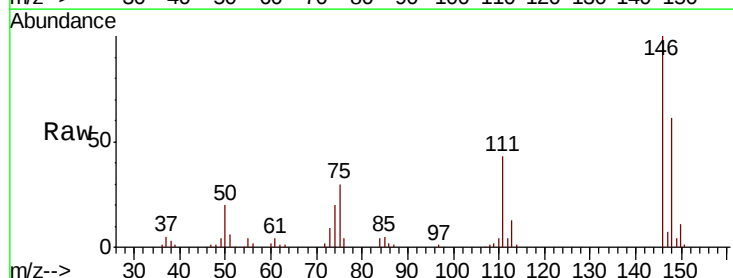
Instrument :
BNA_G
ClientSampleId :

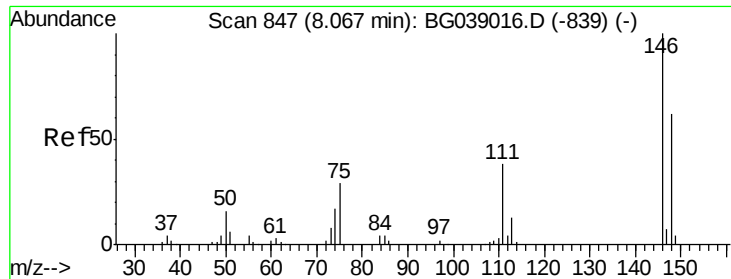
Tot Ion: 93 Resp: 54949
Ion Ratio Lower Upper
93 100
63 83.2 63.2 103.2
95 31.2 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 38.801 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG039016.D
Acq: 9 Jan 2019 11:39

Tgt Ion: 146 Resp: 68730
Ion Ratio Lower Upper
146 100
148 61.4 49.1 73.7
75 29.9 23.9 35.9

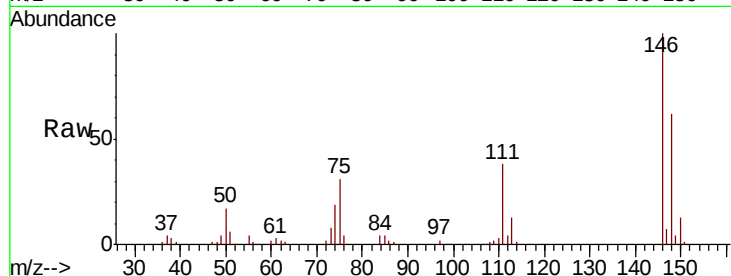




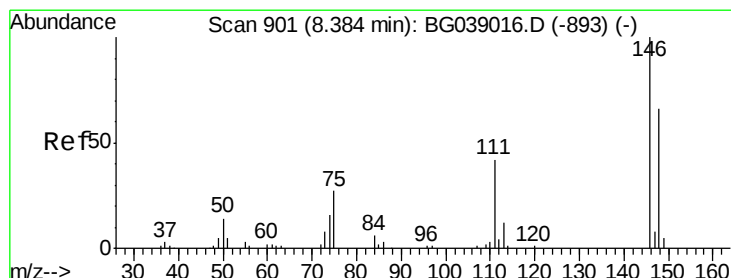
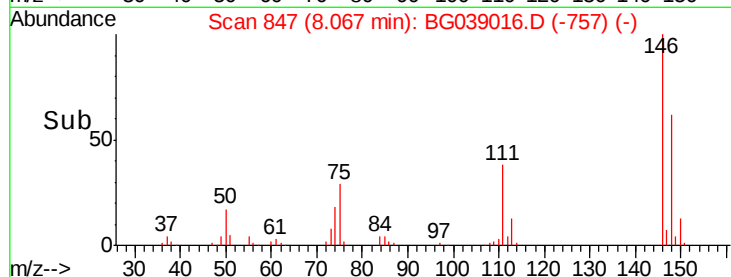
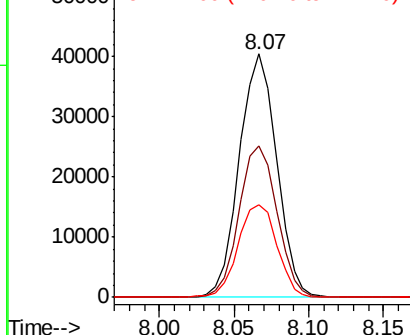
#13
 1,4-Dichlorobenzene
 Concen: 38.731 ng
 RT: 8.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BG039016.D
 Acq: 9 Jan 2019 11:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 70264
 Ion Ratio Lower Upper
 146 100
 148 62.2 49.8 74.6
 111 38.2 30.6 45.8

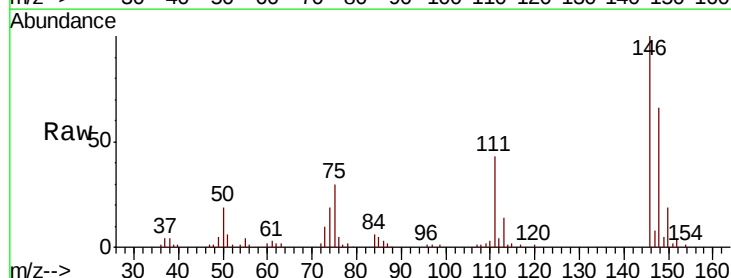


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

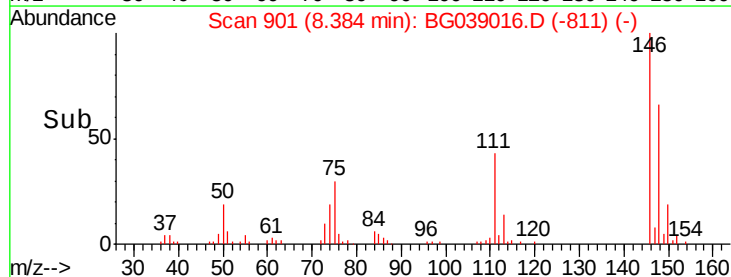
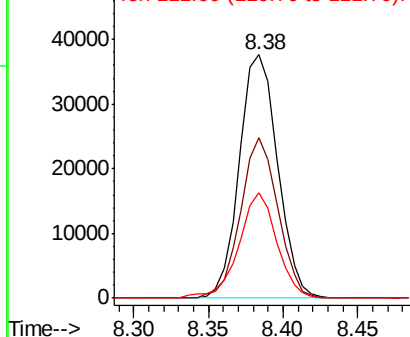


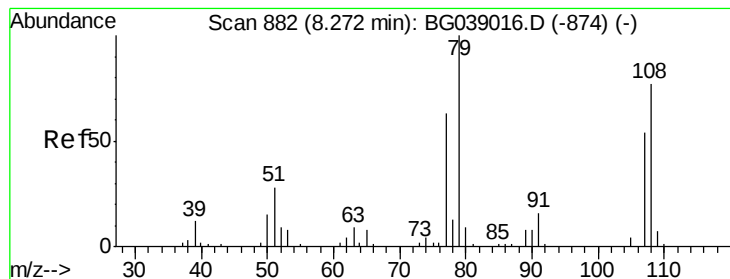
#14
 1,2-Dichlorobenzene
 Concen: 39.103 ng
 RT: 8.38 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BG039016.D
 Acq: 9 Jan 2019 11:39

Tgt Ion:146 Resp: 66876
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.6 79.0
 111 43.2 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 40.080 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

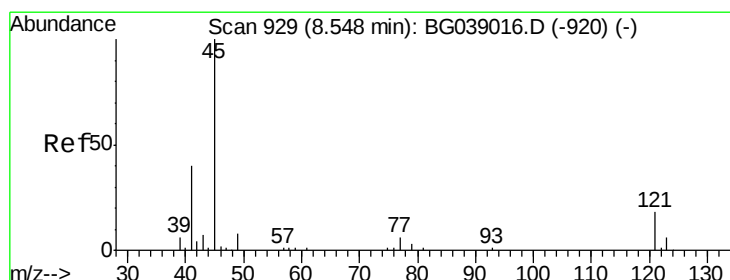
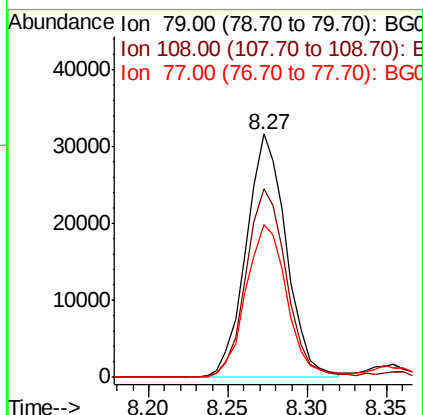
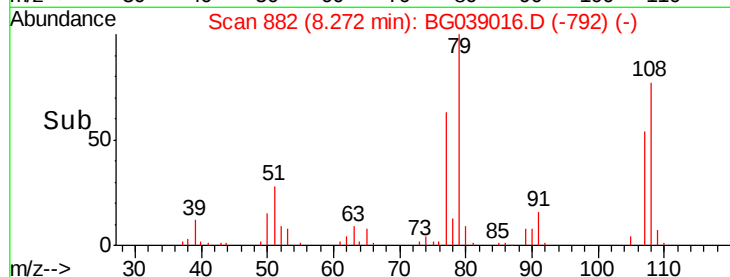
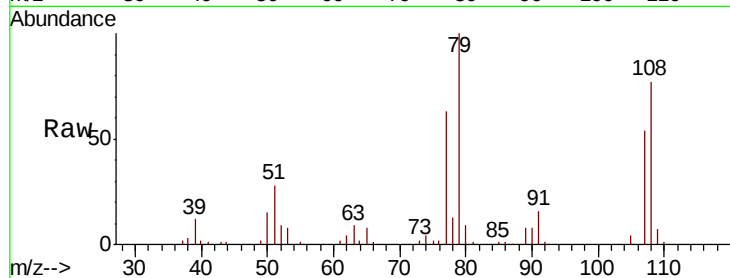
Tot Ion: 79 Resp: 55597

Ion Ratio Lower Upper

79 100

108 77.5 62.0 93.0

77 62.6 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.092 ng

RT: 8.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

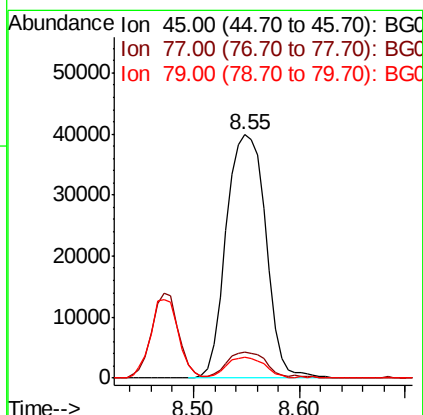
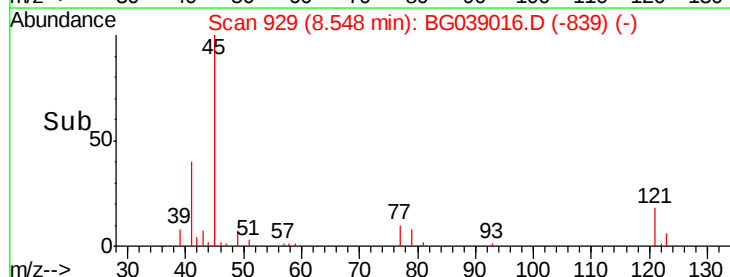
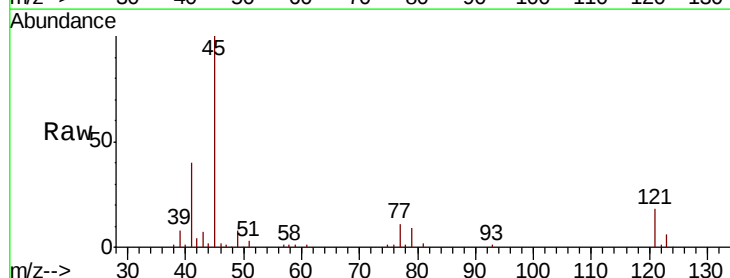
Tgt Ion: 45 Resp: 103620

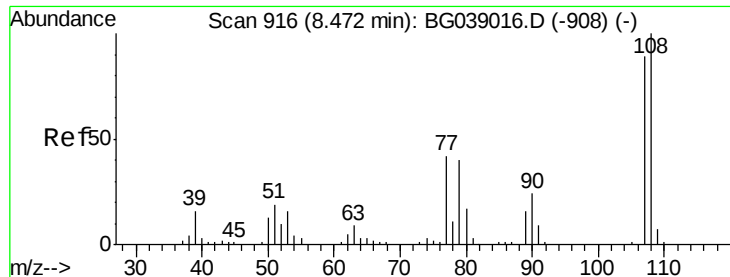
Ion Ratio Lower Upper

45 100

77 10.7 0.0 30.7

79 8.5 0.0 28.5

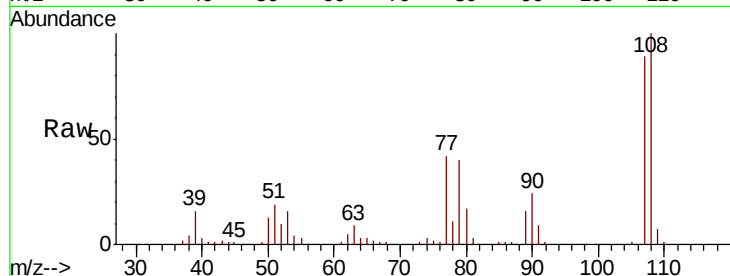




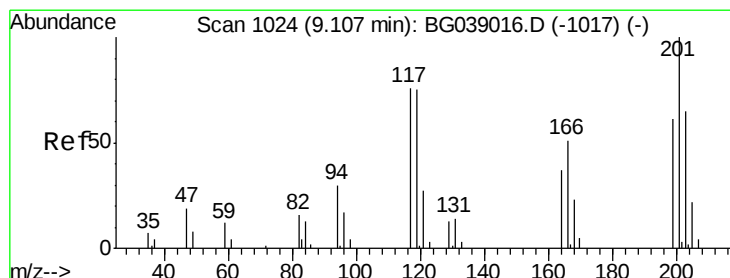
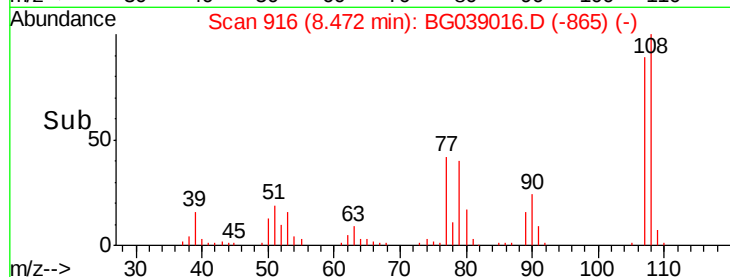
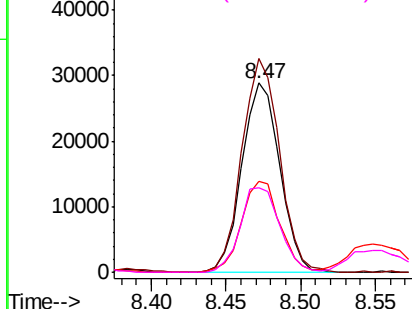
#17
2-Methylphenol
Concen: 40.103 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BG039016.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 50730
Ion Ratio Lower Upper
107 100
108 112.9 90.3 135.5
77 47.9 38.3 57.5
79 44.7 35.8 53.6

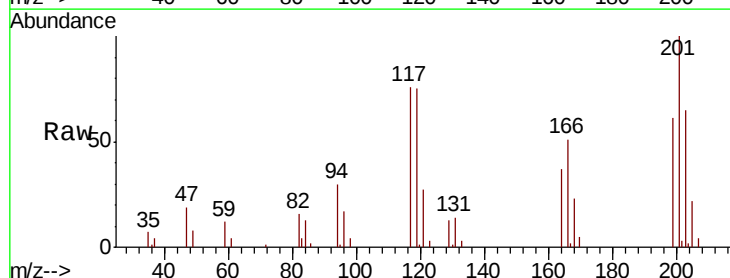


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

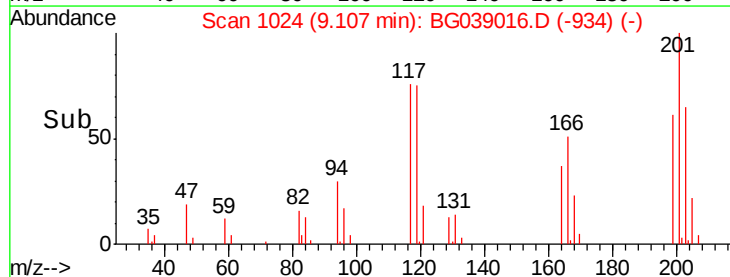
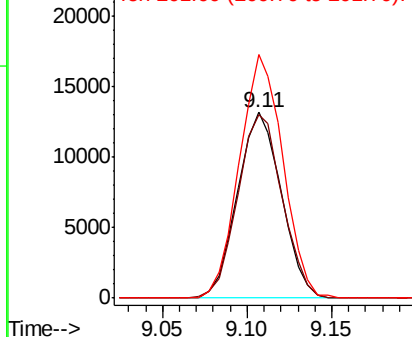


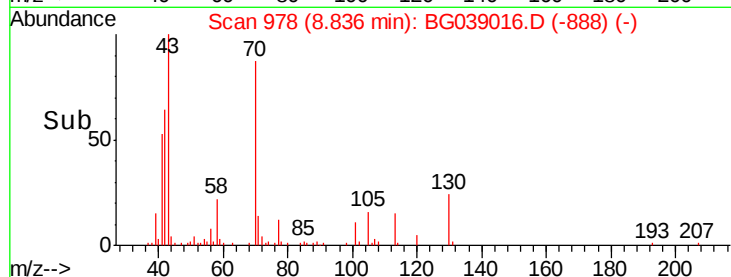
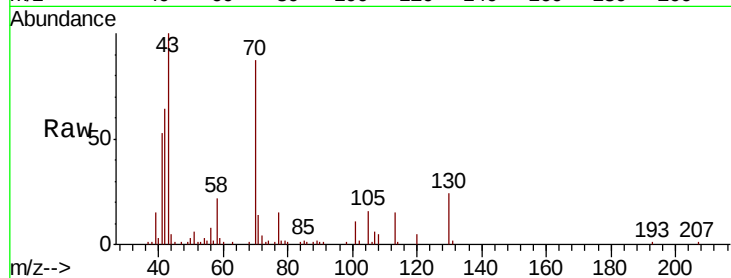
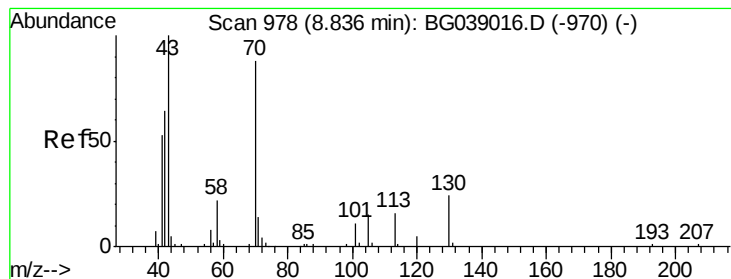
#18
Hexachloroethane
Concen: 35.949 ng
RT: 9.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG039016.D
Acq: 9 Jan 2019 11:39

Tgt Ion:117 Resp: 23831
Ion Ratio Lower Upper
117 100
119 98.4 78.7 118.1
201 135.1 108.1 162.1



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: 36.881 ng

RT: 8.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 46035

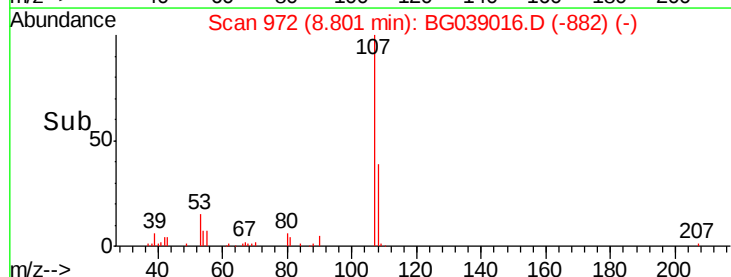
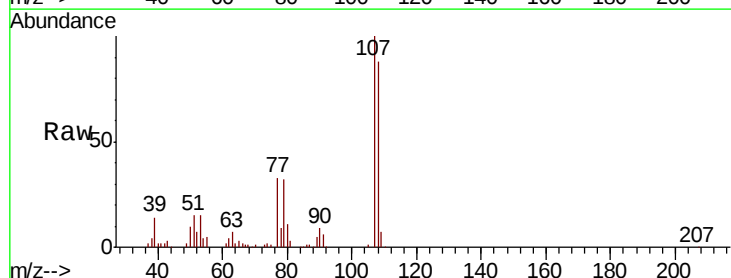
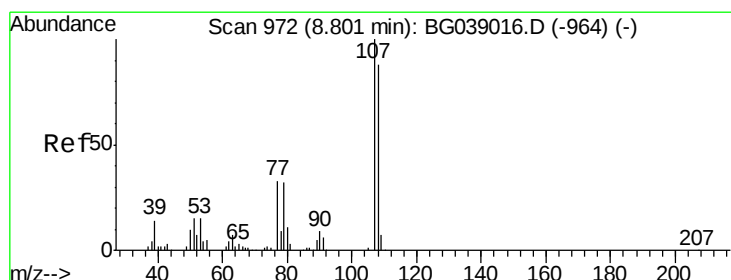
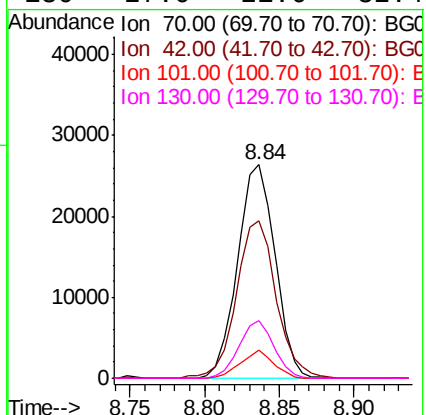
Ion Ratio Lower Upper

70 100

42 73.7 59.0 88.4

101 13.0 10.4 15.6

130 27.0 21.6 32.4



#20

3+4-Methylphenols

Concen: 41.216 ng

RT: 8.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

Tgt Ion: 107 Resp: 72005

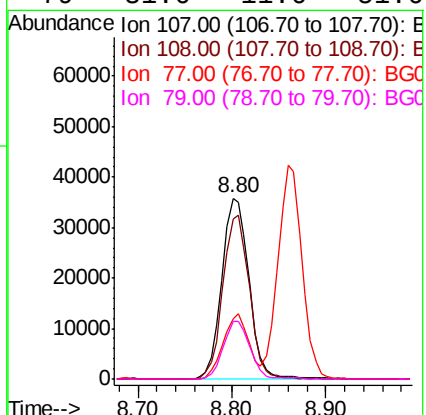
Ion Ratio Lower Upper

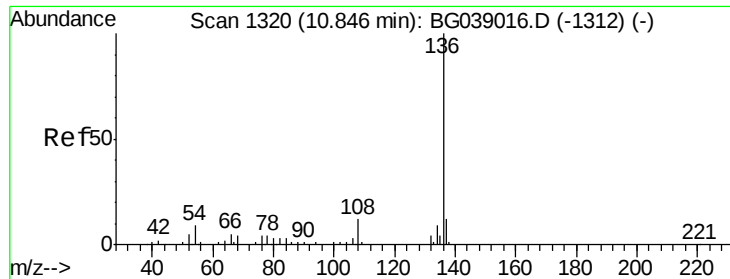
107 100

108 88.4 68.4 108.4

77 33.3 13.3 53.3

79 31.6 11.6 51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 95310

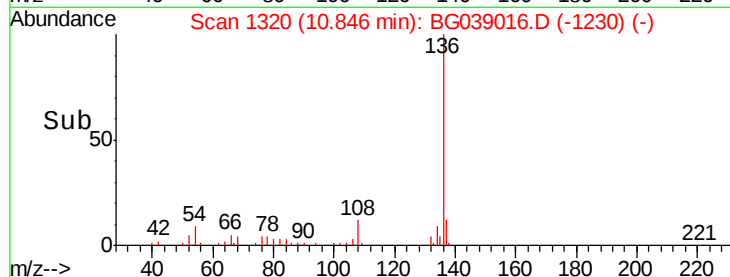
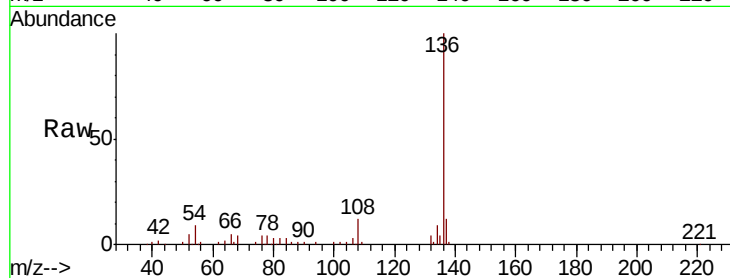
Ion Ratio Lower Upper

136 100

137 11.8 9.4 14.2

54 9.0 7.2 10.8

68 4.4 3.5 5.3

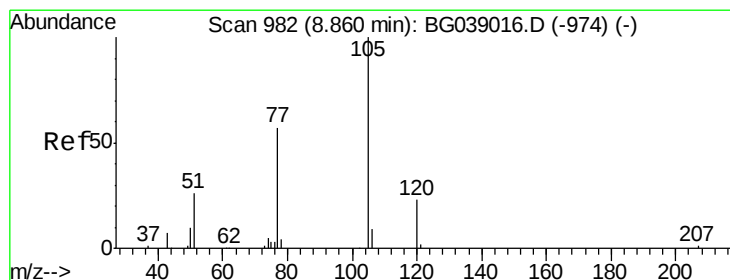
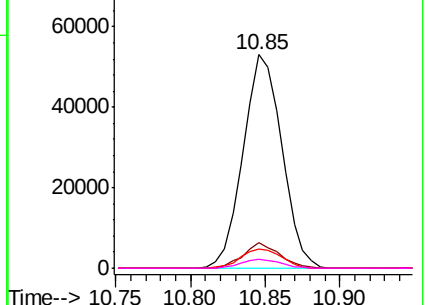


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 42.134 ng

RT: 8.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

Tgt Ion:105 Resp: 100306

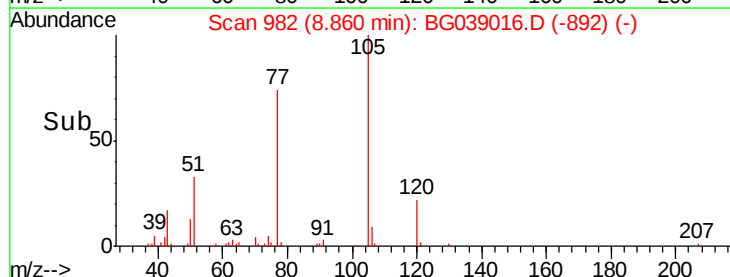
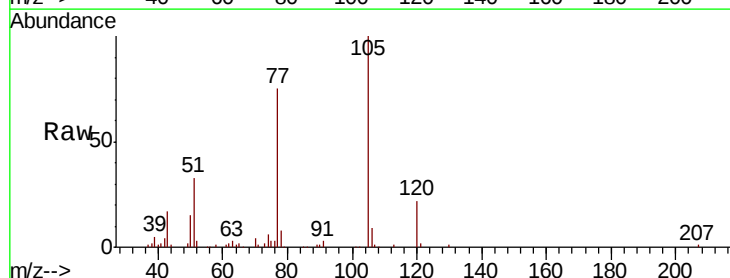
Ion Ratio Lower Upper

105 100

71 0.8 0.6 1.0

51 33.2 26.6 39.8

120 22.4 17.9 26.9

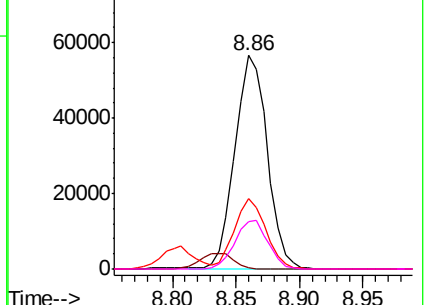


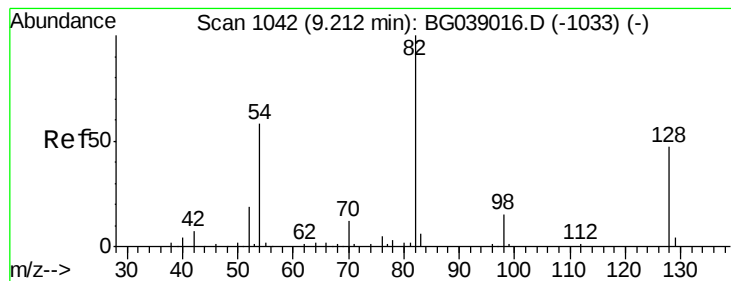
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 75.267 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_G

ClientSampled :

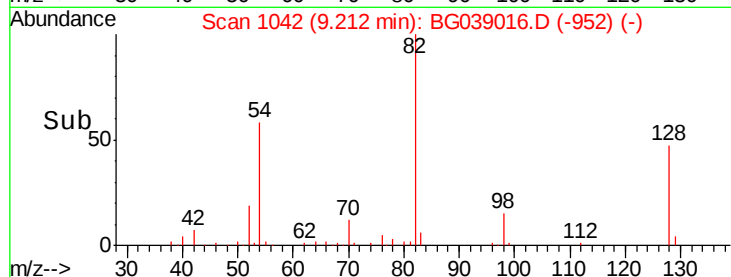
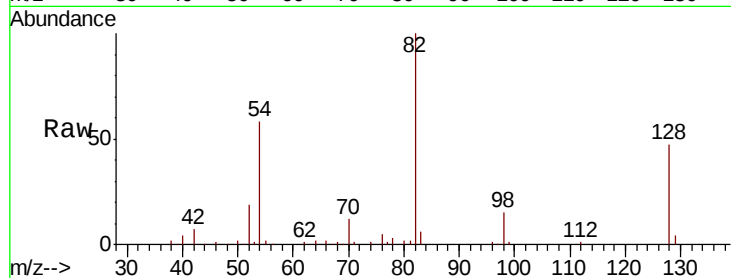
Tot Ion: 82 Resp: 140420

Ion Ratio Lower Upper

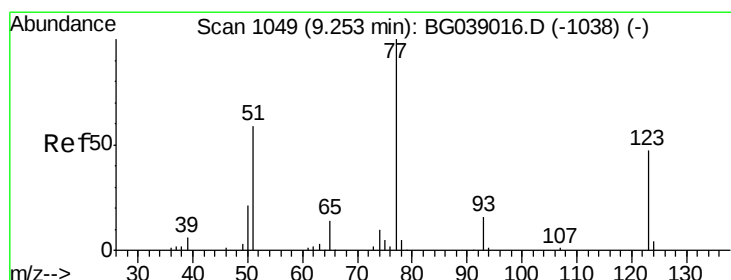
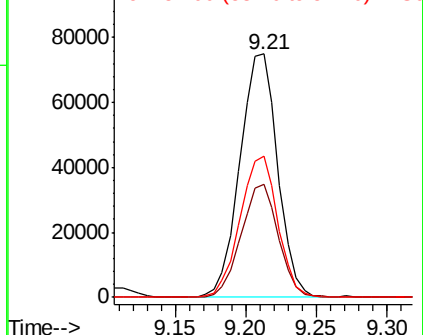
82 100

128 46.6 37.3 55.9

54 58.0 46.4 69.6



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



#24

Nitrobenzene

Concen: 37.072 ng

RT: 9.25 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

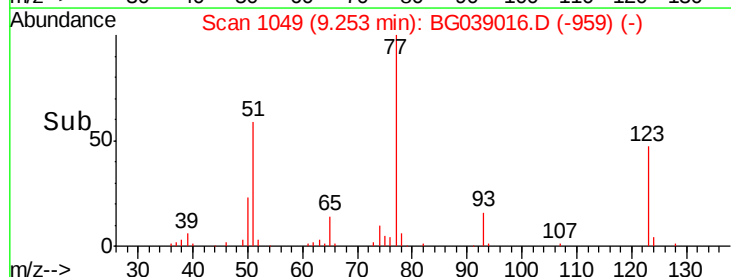
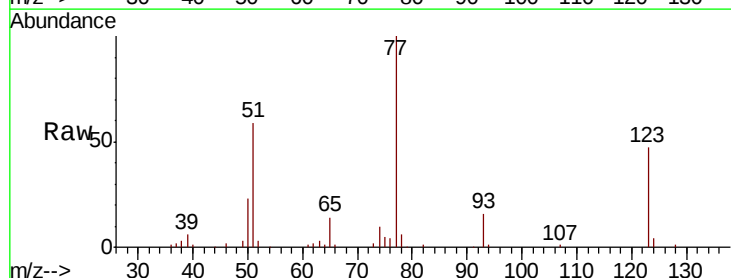
Tgt Ion: 77 Resp: 69967

Ion Ratio Lower Upper

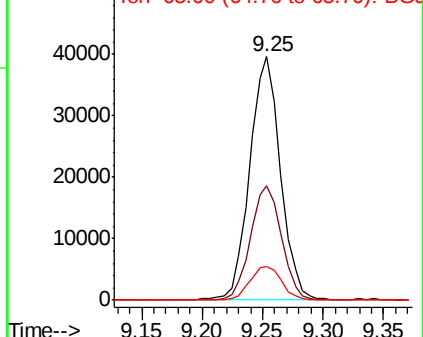
77 100

123 47.0 37.6 56.4

65 13.8 11.0 16.6



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





#25

Isophorone

Concen: 36.018 ng

RT: 9.76 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

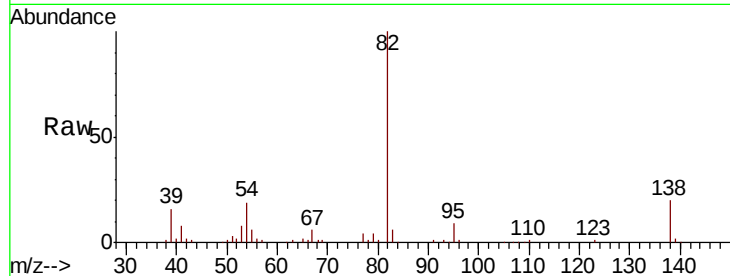
Tot Ion: 82 Resp: 120732

Ion Ratio Lower Upper

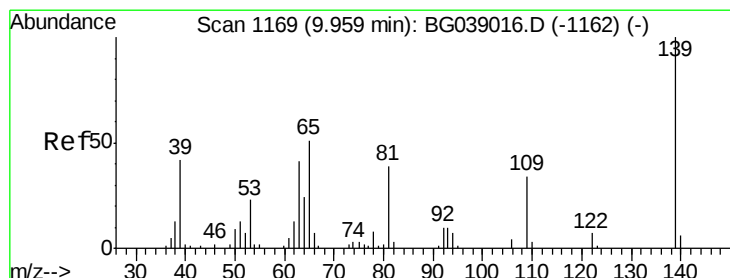
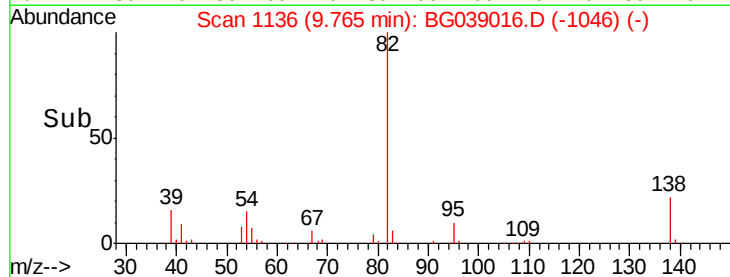
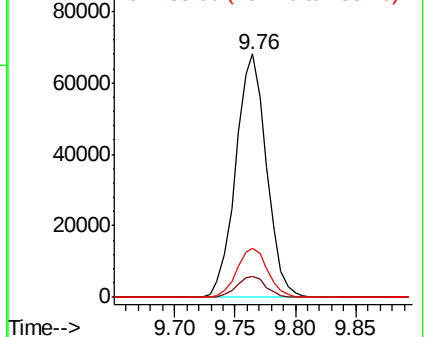
82 100

95 8.8 7.0 10.6

138 20.3 16.2 24.4



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



#26

2-Nitrophenol

Concen: 40.176 ng

RT: 9.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

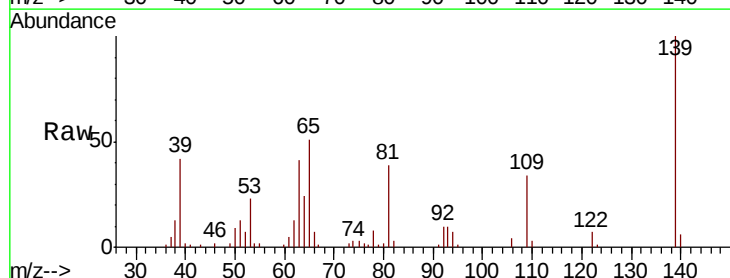
Tgt Ion: 139 Resp: 38809

Ion Ratio Lower Upper

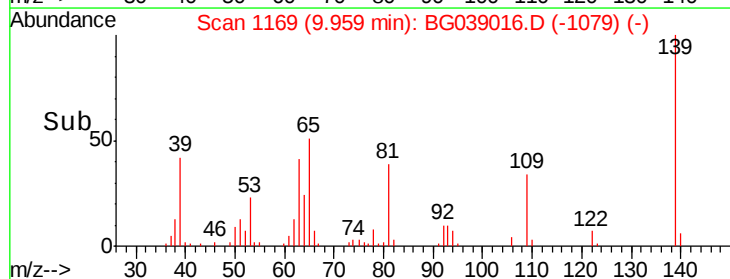
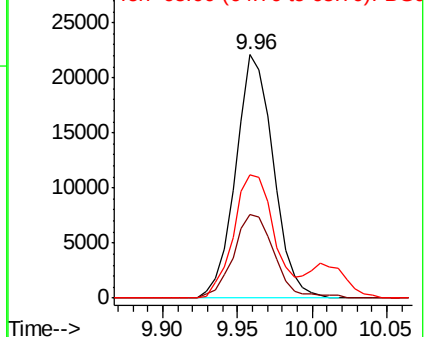
139 100

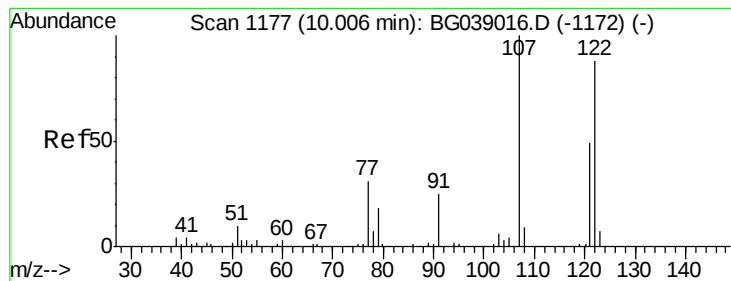
109 34.1 27.3 40.9

65 50.8 40.6 61.0



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





#27

2,4-Dimethylphenol

Concen: 39.481 ng

RT: 10.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_G

ClientSampled :

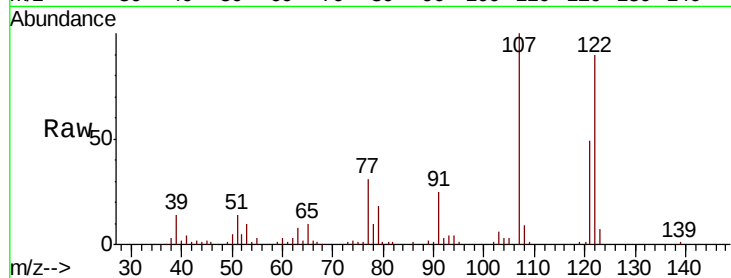
Tot Ion:122 Resp: 54658

Ion Ratio Lower Upper

122 100

107 111.0 88.8 133.2

121 53.9 43.1 64.7

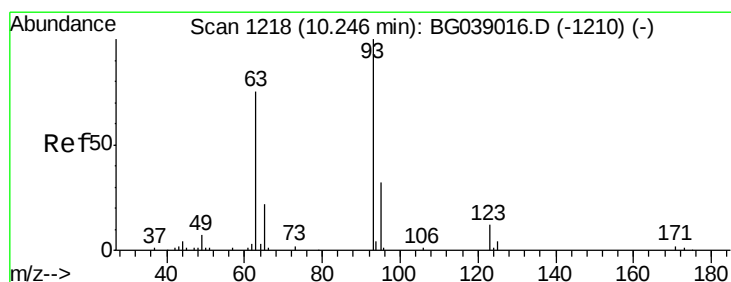
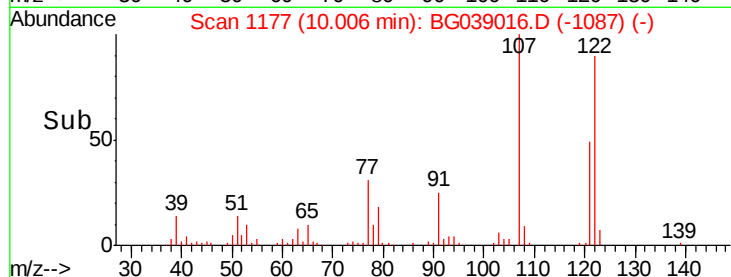
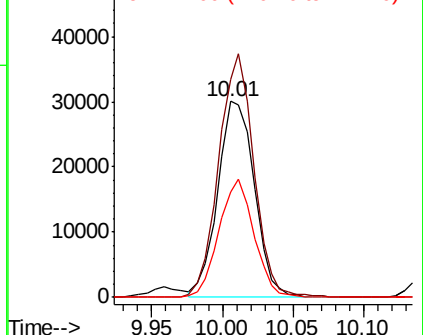


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.741 ng

RT: 10.25 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

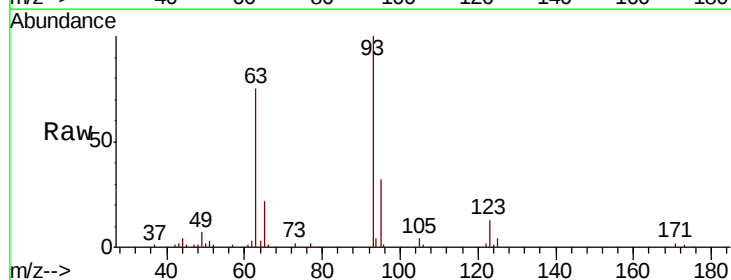
Tgt Ion: 93 Resp: 73284

Ion Ratio Lower Upper

93 100

95 32.0 25.6 38.4

123 12.6 10.1 15.1

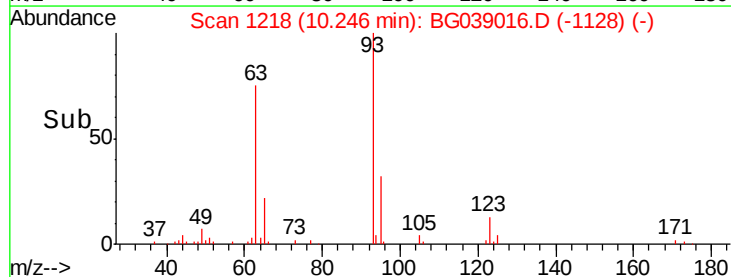
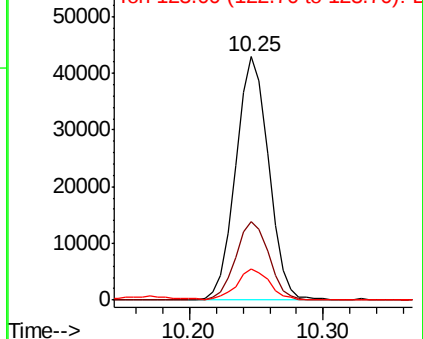


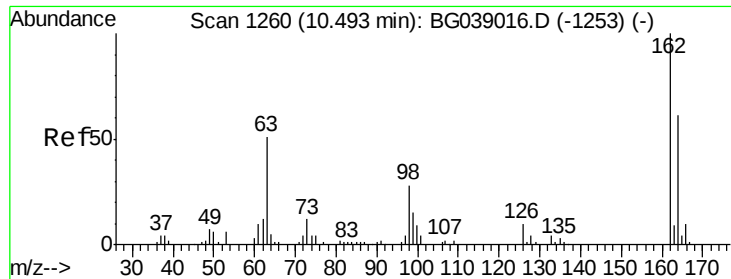
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

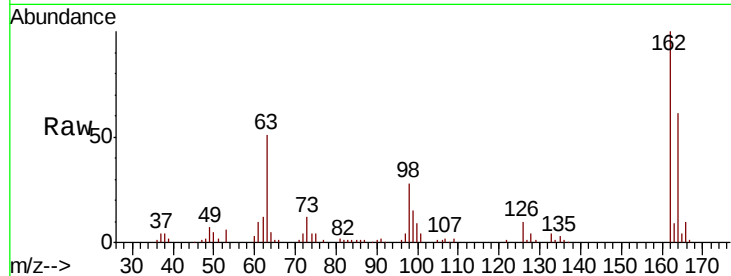




#29
 2,4-Dichlorophenol
 Concen: 44.690 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG039016.D
 Acq: 9 Jan 2019 11:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	162	Resp	68828
Ion Ratio	Lower	Upper	
162	100		
164	61.3	41.3	81.3
98	28.3	8.3	48.3

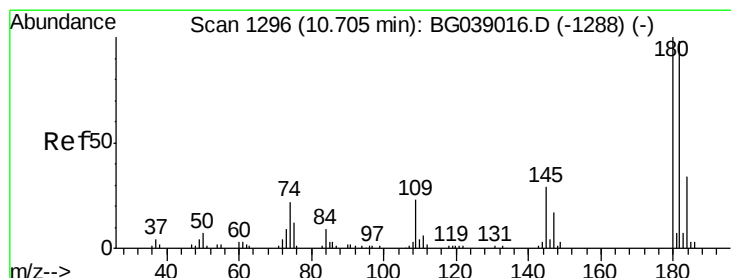
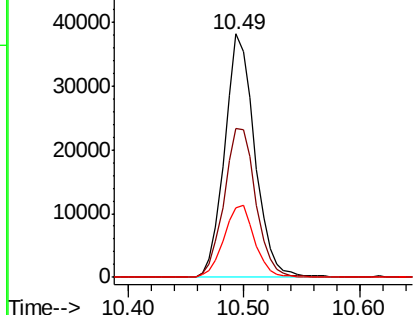
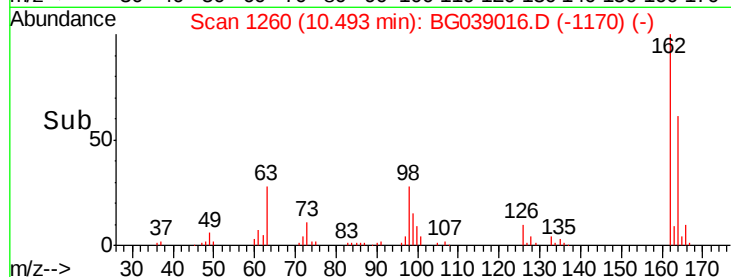


Abundance

Ion 162.00 (161.70 to 162.70): E

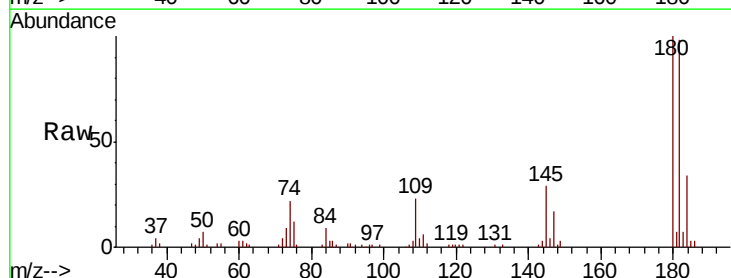
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 42.731 ng
 RT: 10.70 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BG039016.D
 Acq: 9 Jan 2019 11:39

Tgt Ion	180	Resp	79493
Ion Ratio	Lower	Upper	
180	100		
182	97.6	78.1	117.1
145	28.9	23.1	34.7

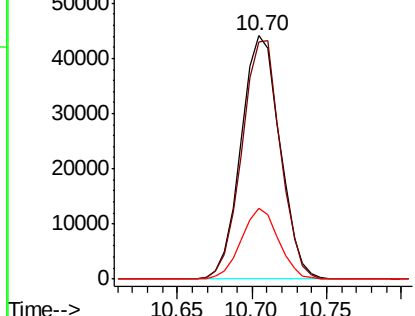
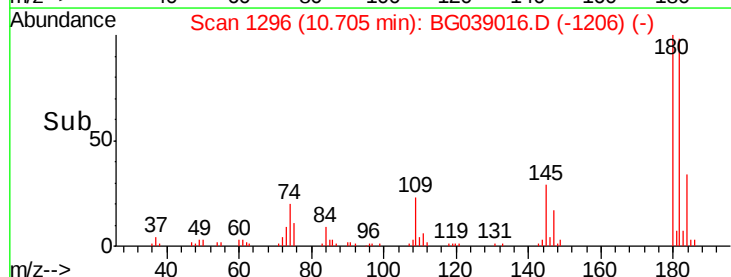


Abundance

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

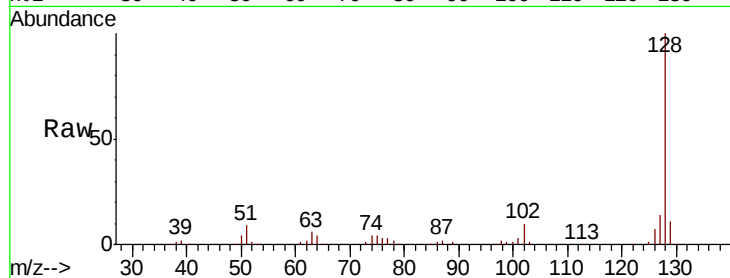




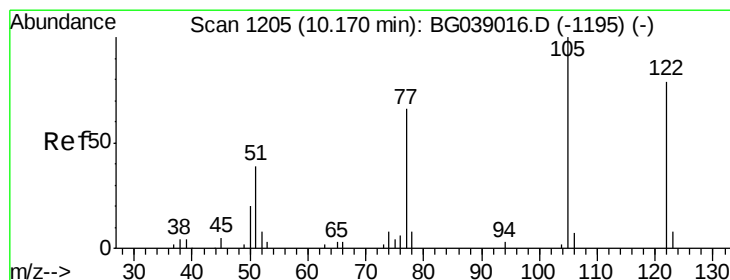
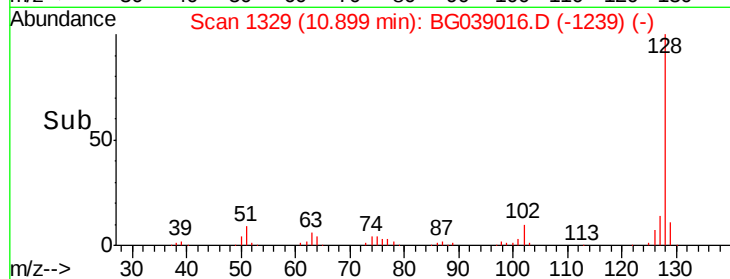
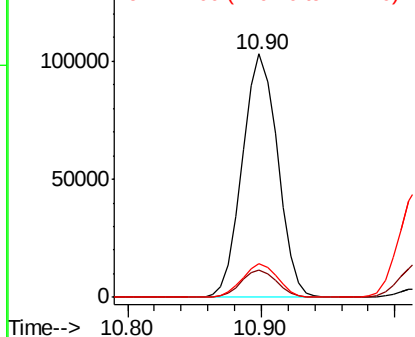
#31
Naphthalene
Concen: 40.186 ng
RT: 10.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BG039016.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 188716
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 14.0 11.2 16.8

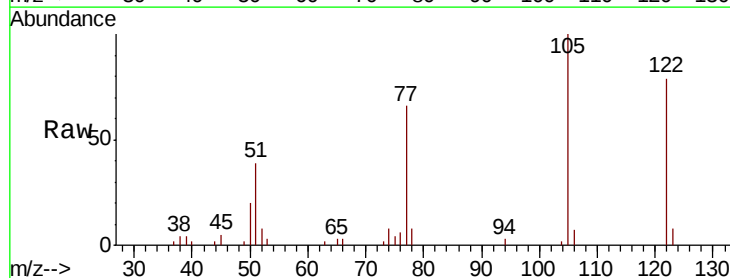


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

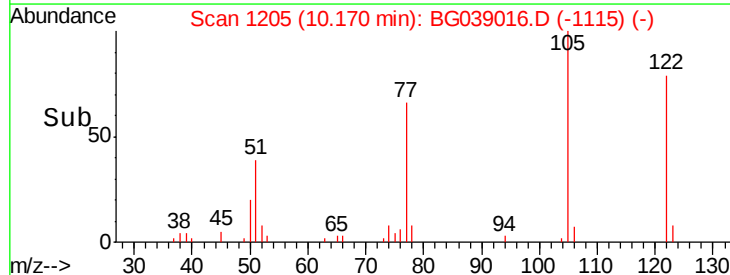
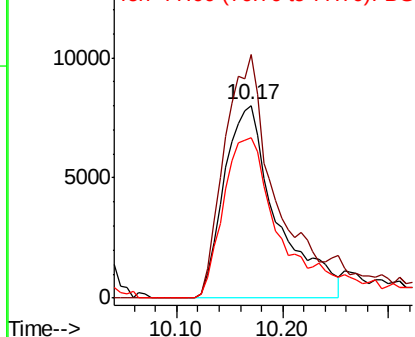


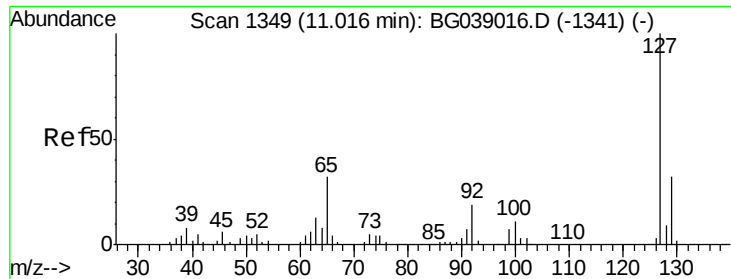
#32
Benzoic acid
Concen: 37.773 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BG039016.D
Acq: 9 Jan 2019 11:39

Tgt Ion:122 Resp: 27765
Ion Ratio Lower Upper
122 100
105 126.4 106.4 146.4
77 83.6 63.6 103.6



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

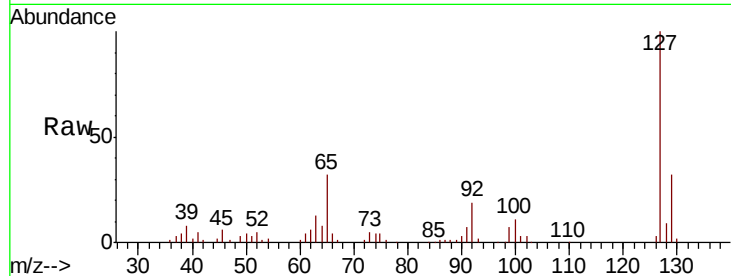




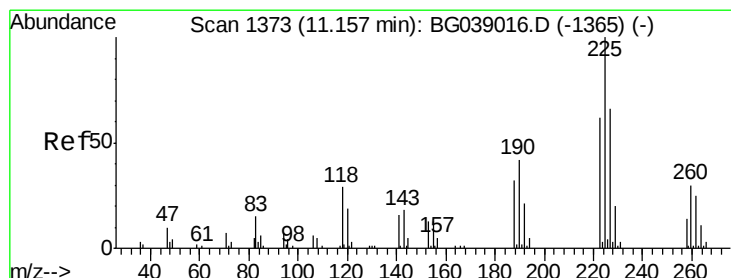
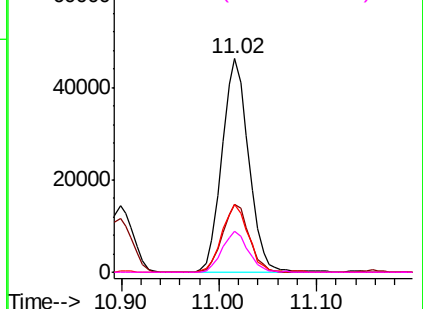
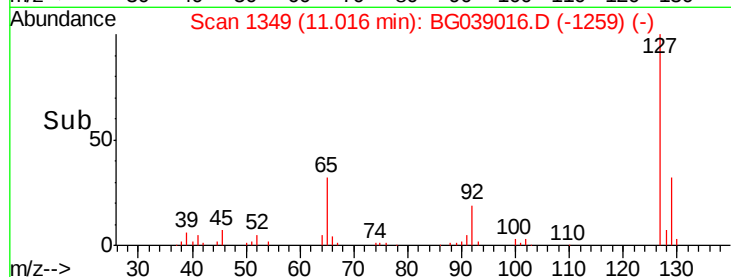
#33
4-Chloroaniline
Concen: 43.073 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG039016.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 87816
Ion Ratio Lower Upper
127 100
129 31.7 25.4 38.0
65 31.7 25.4 38.0
92 19.0 15.2 22.8

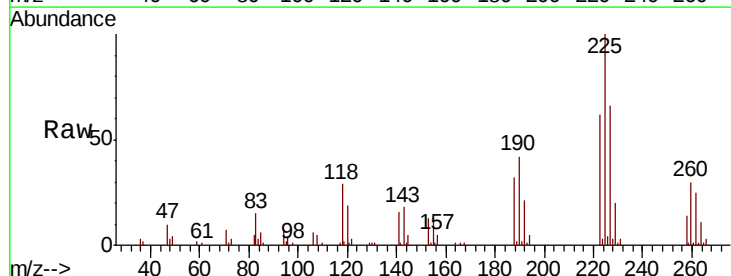


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

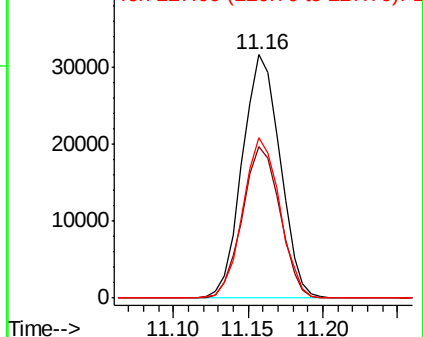
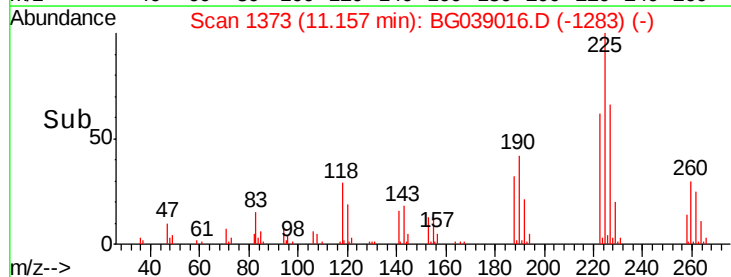


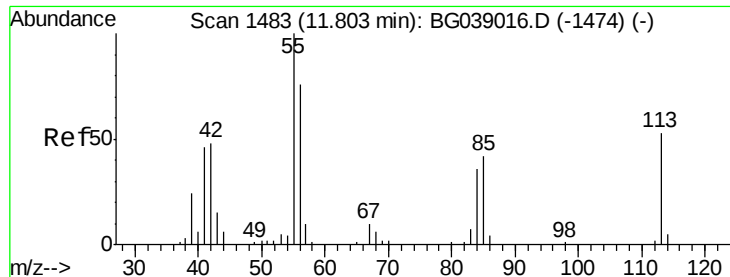
#34
Hexachlorobutadiene
Concen: 44.115 ng
RT: 11.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BG039016.D
Acq: 9 Jan 2019 11:39

Tgt Ion:225 Resp: 55531
Ion Ratio Lower Upper
225 100
223 62.8 50.2 75.4
227 66.5 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

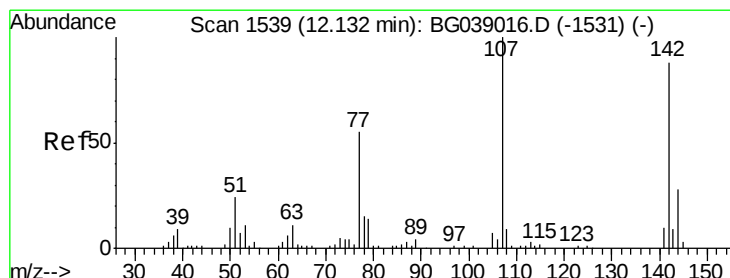
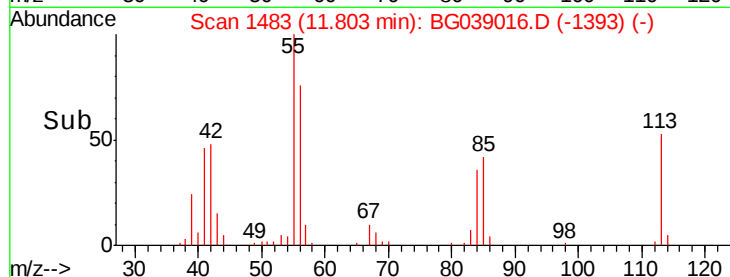
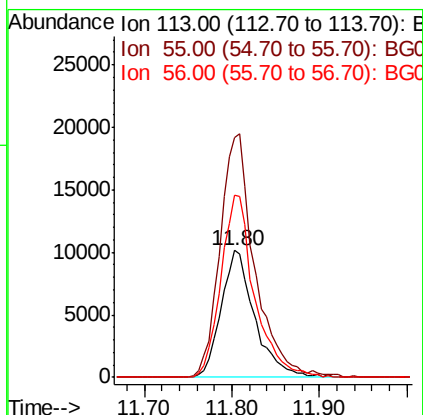
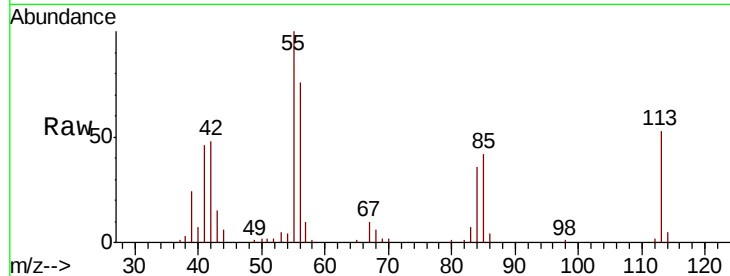




#35
 Caprolactam
 Concen: 41.980 ng
 RT: 11.80 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BG039016.D
 Acq: 9 Jan 2019 11:39

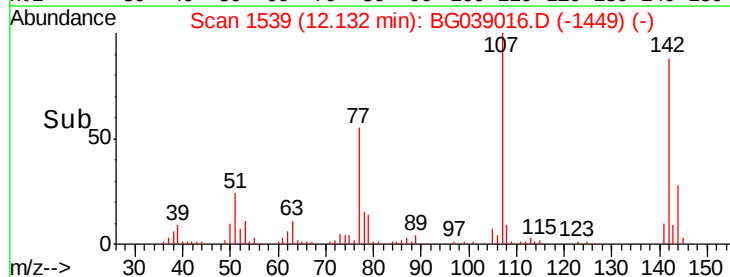
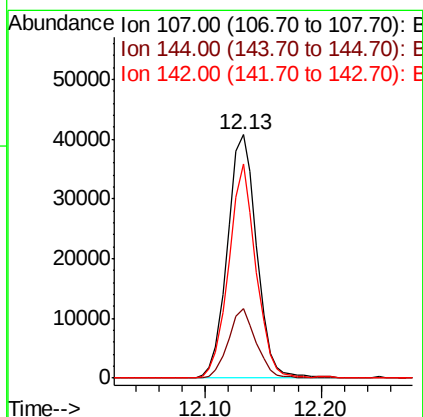
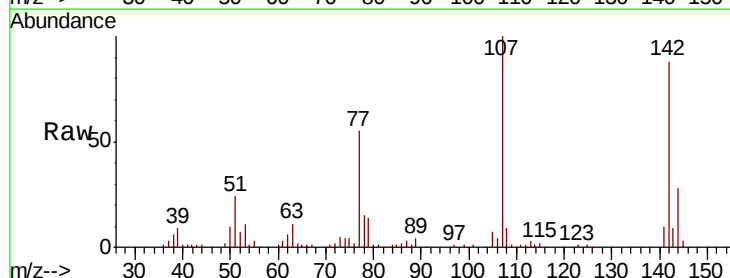
Instrument :
 BNA_G
 ClientSampled :

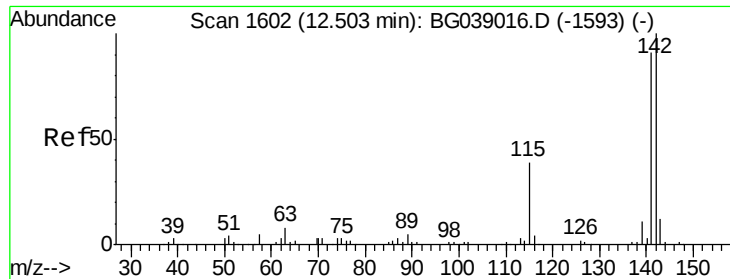
Tot Ion:113 Resp: 26757
 Ion Ratio Lower Upper
 113 100
 55 188.6 168.6 208.6
 56 143.2 123.2 163.2



#36
 4-Chloro-3-methylphenol
 Concen: 40.747 ng
 RT: 12.13 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BG039016.D
 Acq: 9 Jan 2019 11:39

Tgt Ion:107 Resp: 71614
 Ion Ratio Lower Upper
 107 100
 144 28.3 22.6 34.0
 142 87.8 70.2 105.4

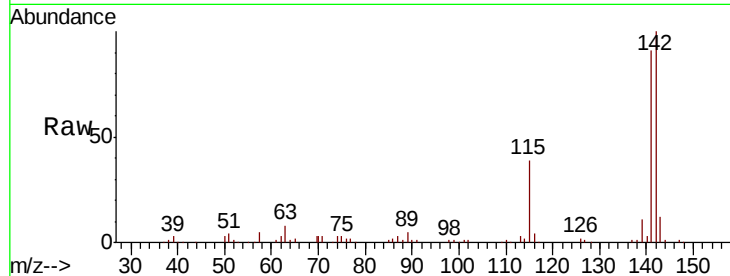




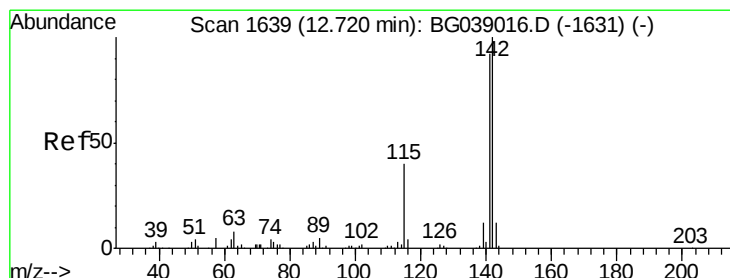
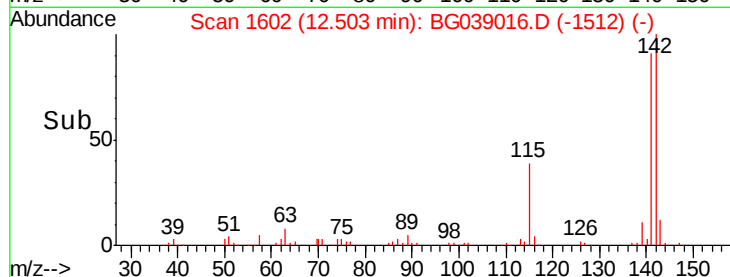
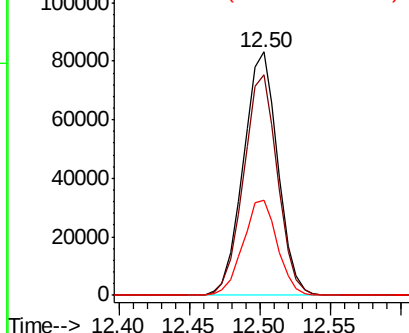
#37
 2-Methylnaphthalene
 Concen: 42.392 ng
 RT: 12.50 min Scan# 1602
 Delta R.T. 0.00 min
 Lab File: BG039016.D
 Acq: 9 Jan 2019 11:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 142022
 Ion Ratio Lower Upper
 142 100
 141 90.8 72.6 109.0
 115 38.9 31.1 46.7

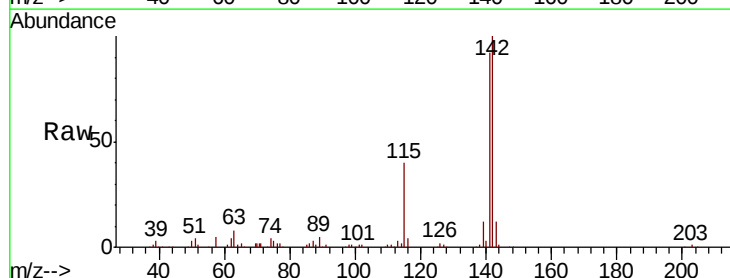


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

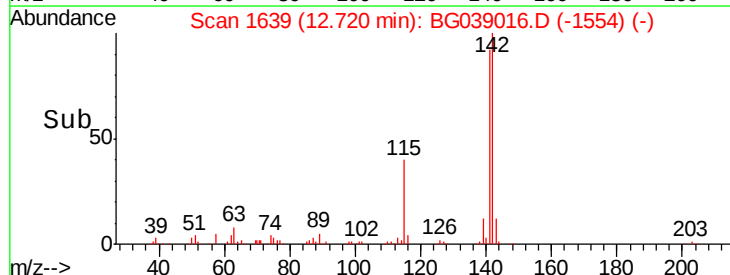
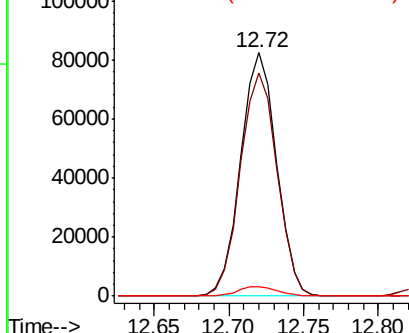


#38
 1-Methylnaphthalene
 Concen: 42.097 ng
 RT: 12.72 min Scan# 1639
 Delta R.T. 0.00 min
 Lab File: BG039016.D
 Acq: 9 Jan 2019 11:39

Tgt Ion:142 Resp: 136855
 Ion Ratio Lower Upper
 142 100
 141 91.6 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: 14.67 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

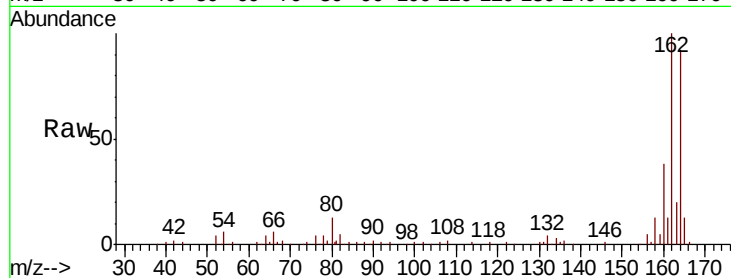
Tot Ion:164 Resp: 68049

Ion Ratio Lower Upper

164 100

162 109.0 87.2 130.8

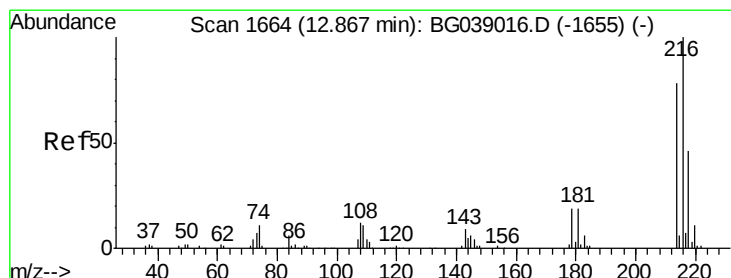
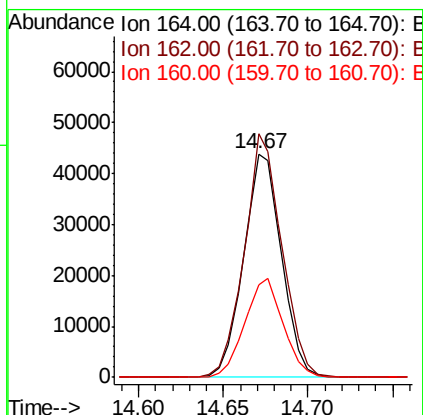
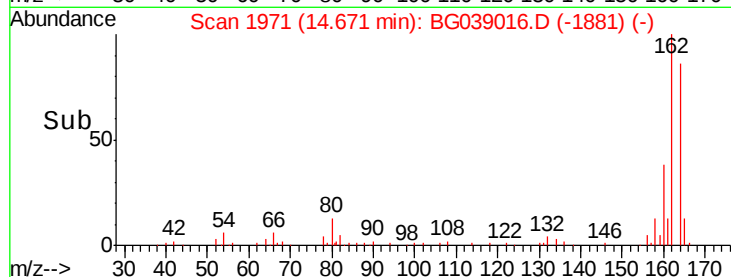
160 41.6 33.3 49.9



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: 40.478 ng

RT: 12.87 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

Tgt Ion:216 Resp: 102961

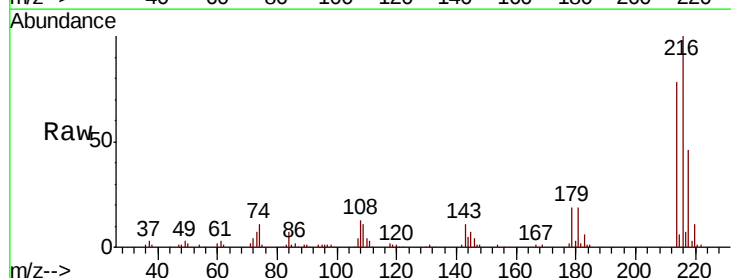
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.2

179 19.4 15.5 23.3

108 14.3 11.4 17.2

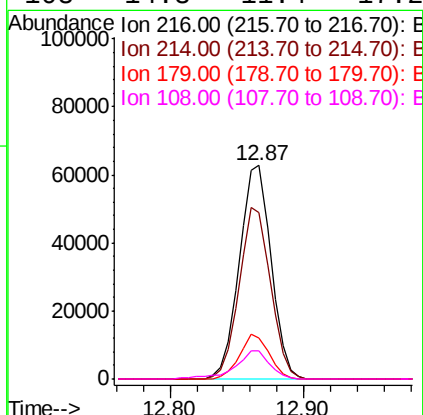
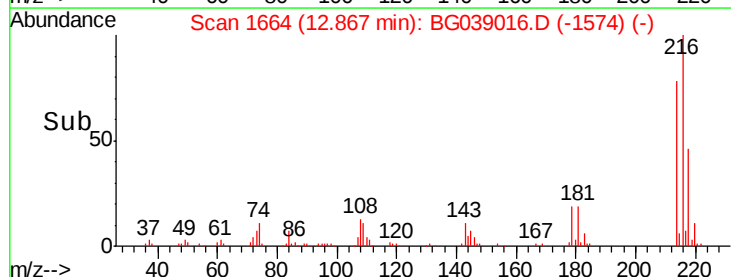


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.103 ng

RT: 12.83 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

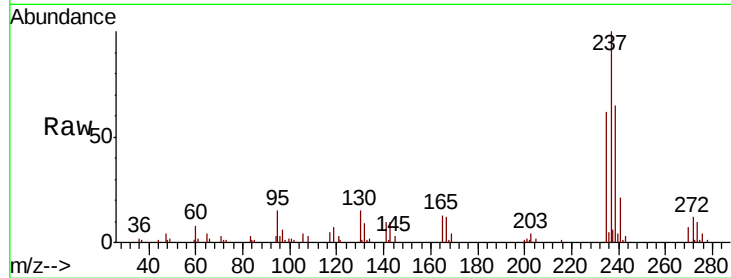
Tot Ion:237 Resp: 51850

Ion Ratio Lower Upper

237 100

235 61.7 41.7 81.7

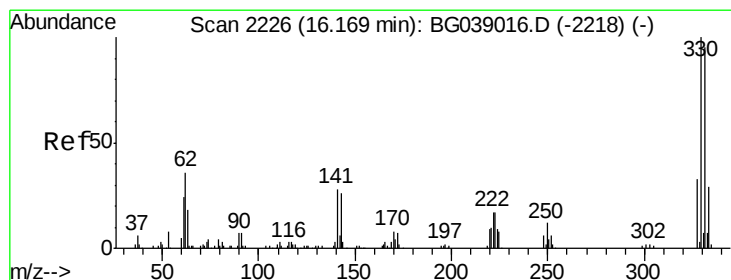
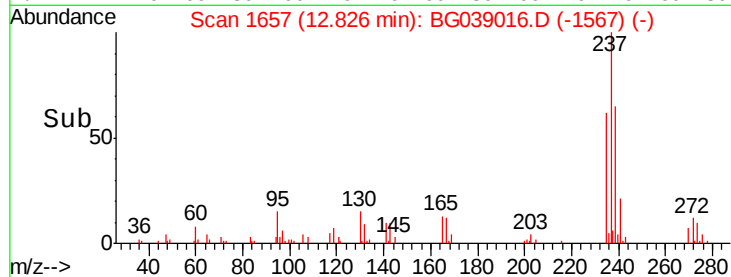
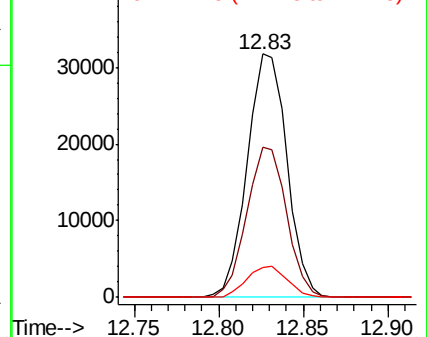
272 12.1 0.0 32.1



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: 98.858 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

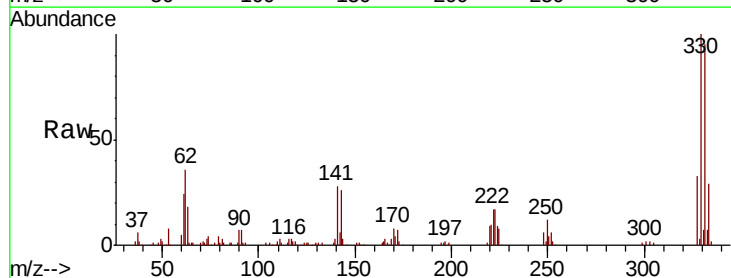
Tgt Ion:330 Resp: 92713

Ion Ratio Lower Upper

330 100

332 94.6 75.7 113.5

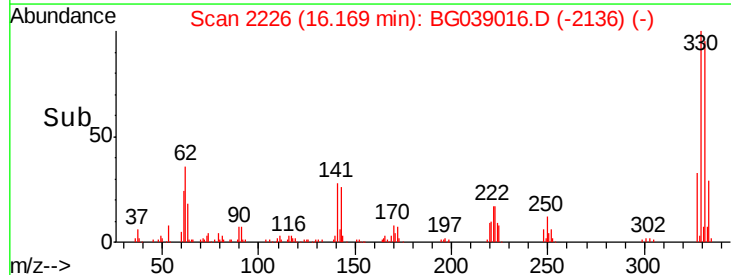
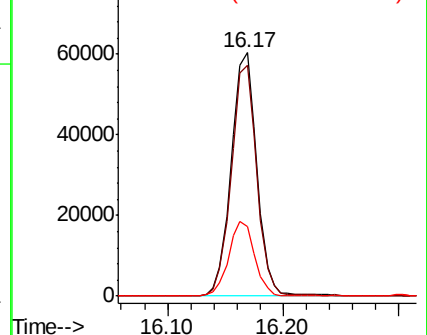
141 31.1 24.9 37.3



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

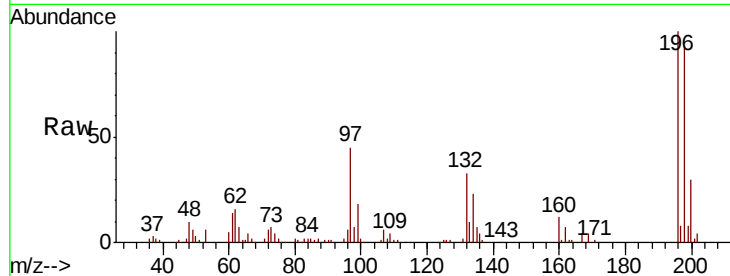




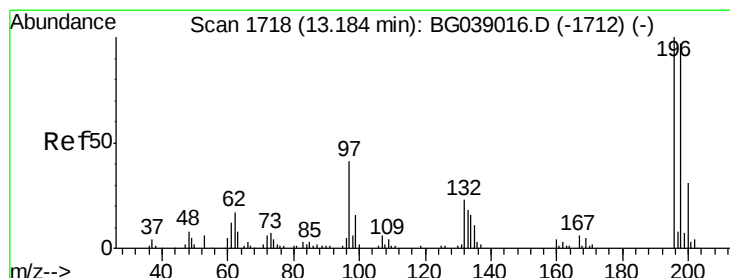
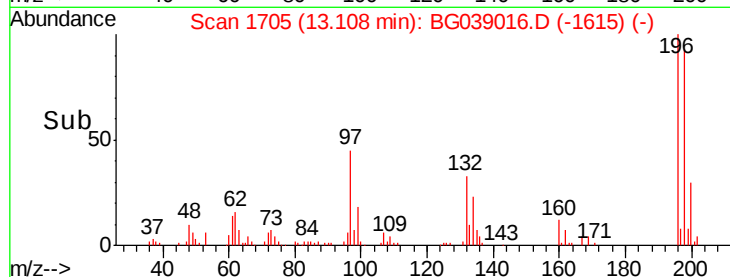
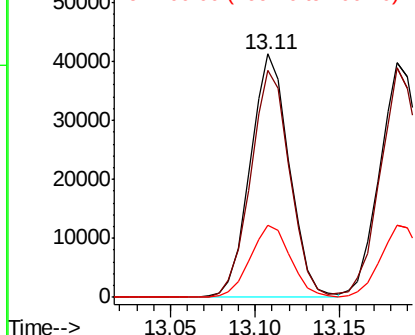
#43
 2,4,6-Trichlorophenol
 Concen: 42.349 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: BG039016.D
 Acq: 9 Jan 2019 11:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 66234
 Ion Ratio Lower Upper
 196 100
 198 93.1 74.5 111.7
 200 29.7 23.8 35.6

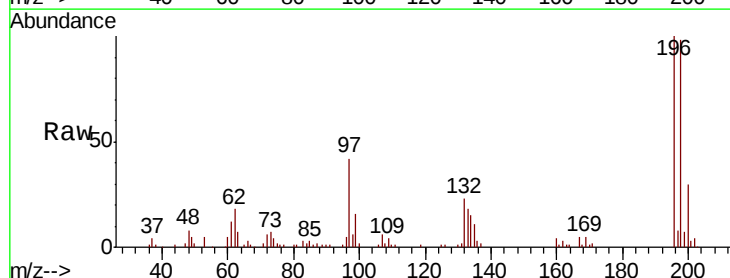


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

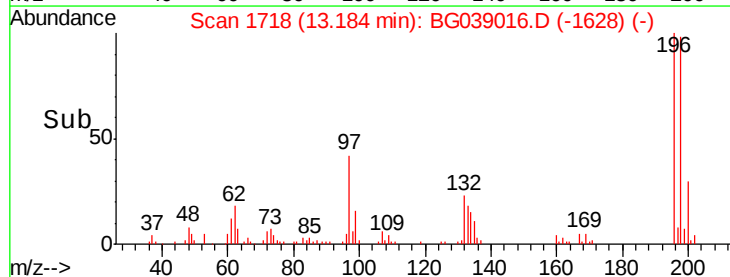
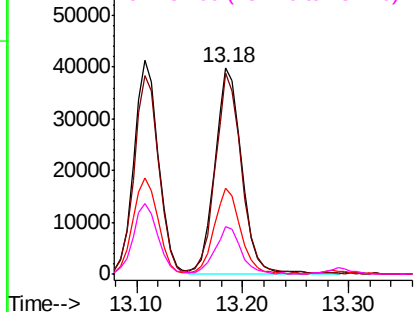


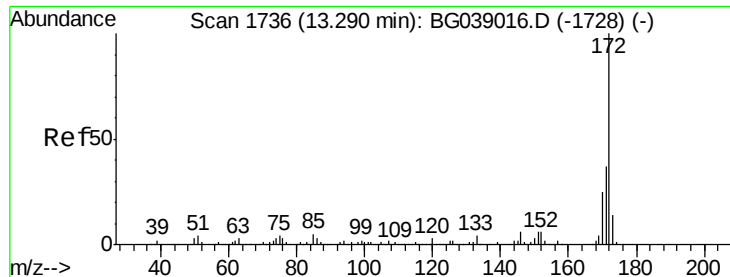
#44
 2,4,5-Trichlorophenol
 Concen: 42.796 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BG039016.D
 Acq: 9 Jan 2019 11:39

Tgt Ion:196 Resp: 70867
 Ion Ratio Lower Upper
 196 100
 198 97.6 78.1 117.1
 97 41.5 33.2 49.8
 132 22.8 18.2 27.4



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

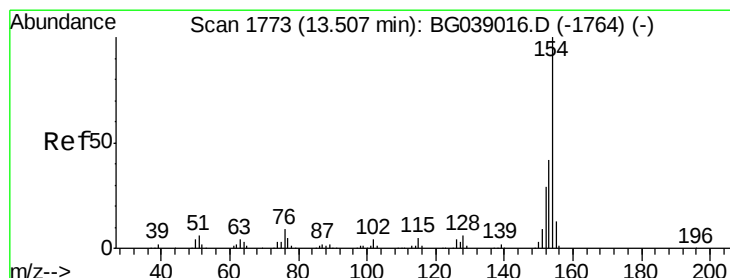
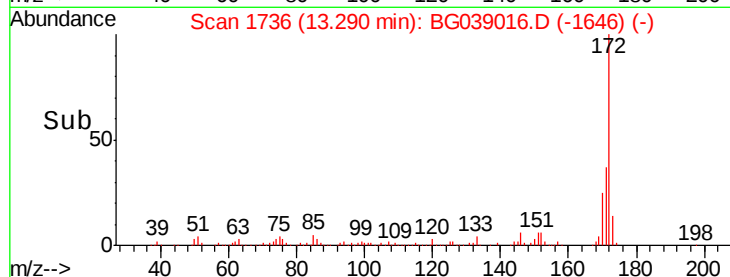
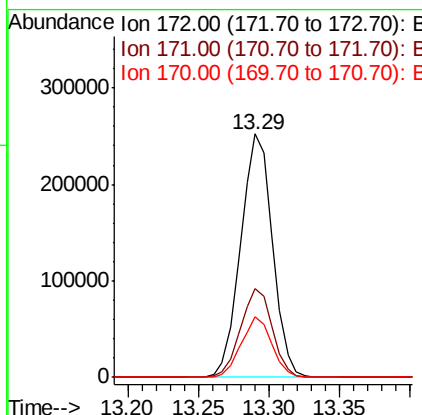
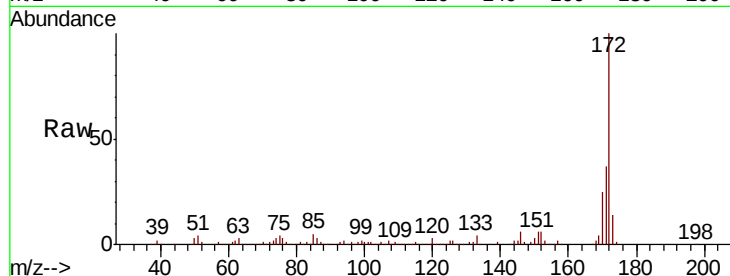




#45
 2-Fluorobiphenyl
 Concen: 80.055 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG039016.D
 Acq: 9 Jan 2019 11:39

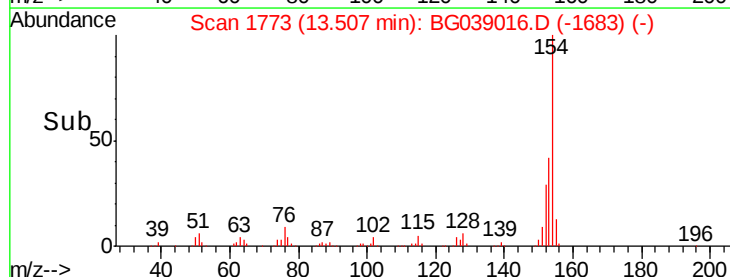
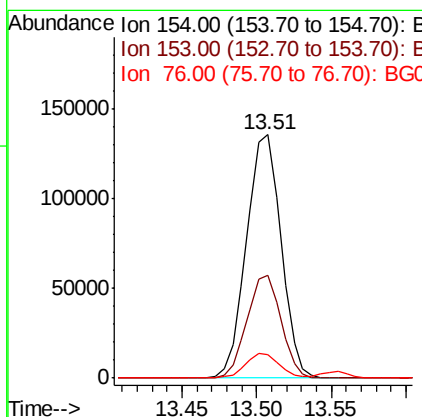
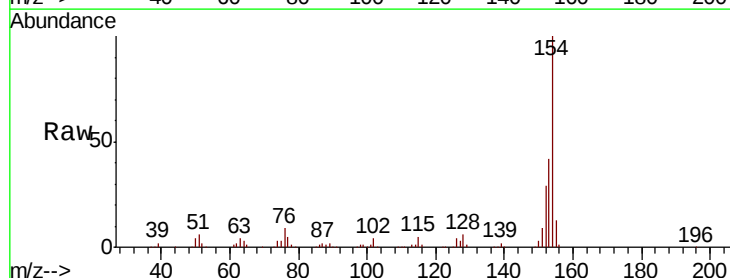
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 397103
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 25.1 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 37.941 ng
 RT: 13.51 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG039016.D
 Acq: 9 Jan 2019 11:39

Tgt Ion:154 Resp: 216441
 Ion Ratio Lower Upper
 154 100
 153 42.4 22.4 62.4
 76 9.4 0.0 29.4

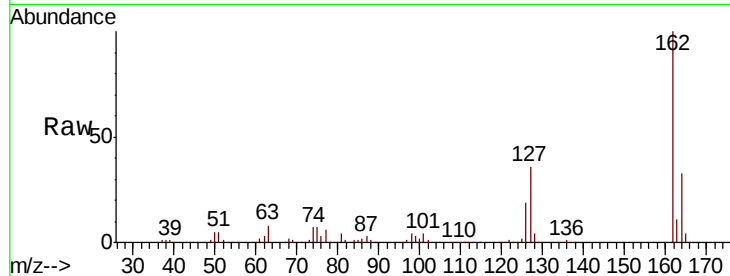




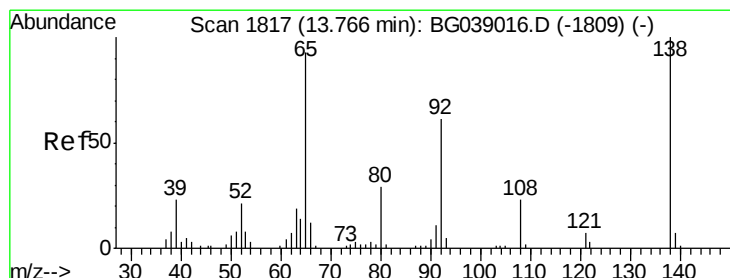
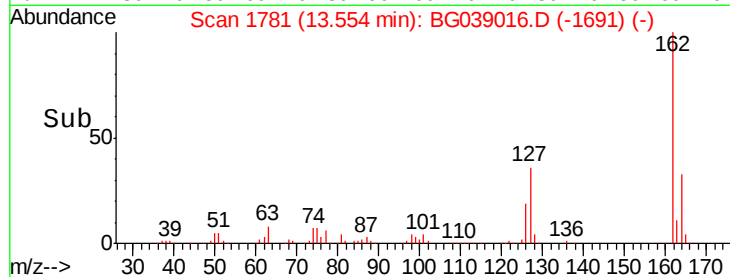
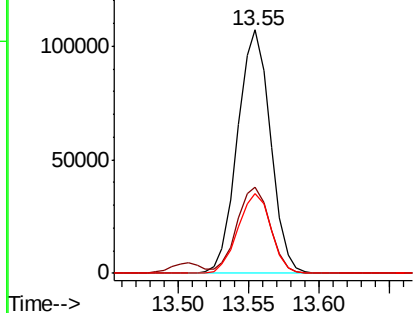
#47
 2-Chloronaphthalene
 Concen: 39.682 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BG039016.D
 Acq: 9 Jan 2019 11:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.5	28.4	42.6
164	32.9	26.3	39.5

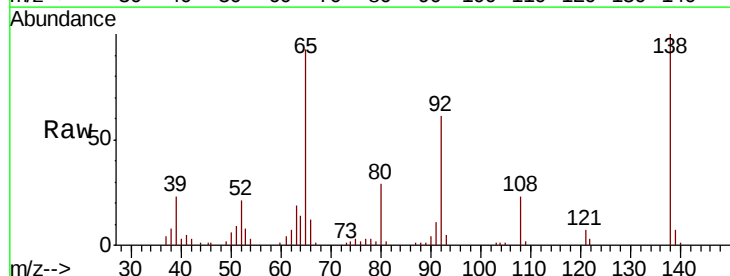


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

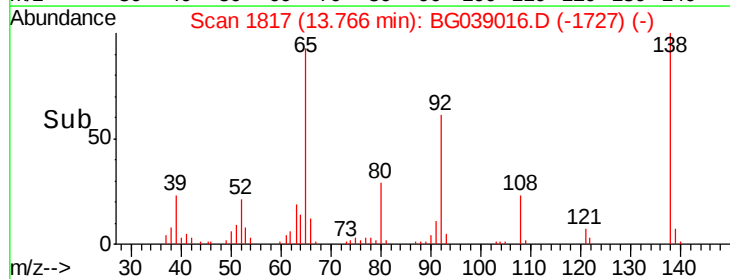
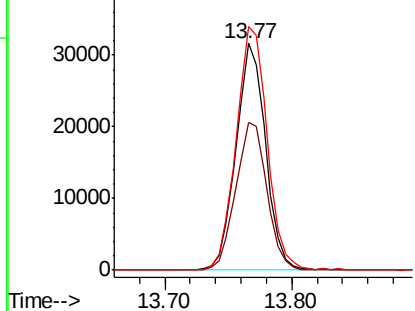


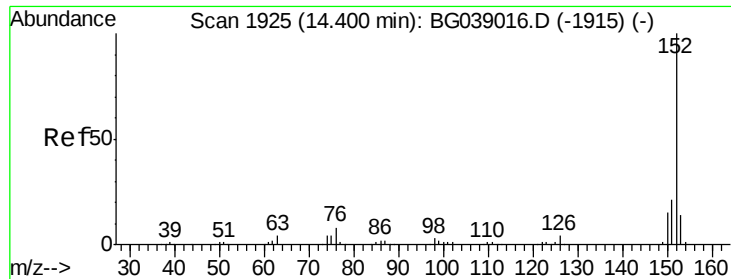
#48
 2-Nitroaniline
 Concen: 36.322 ng
 RT: 13.77 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BG039016.D
 Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.3	52.2	78.4
138	107.5	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: 39.823 ng

RT: 14.40 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

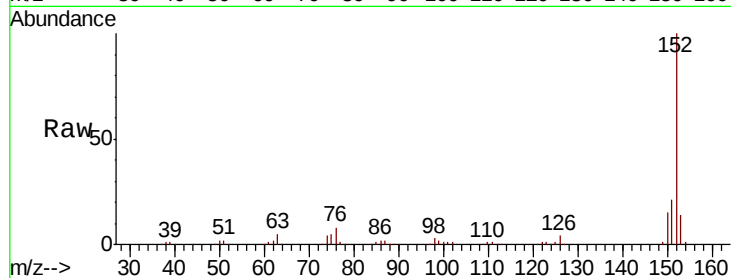
Tot Ion:152 Resp: 262341

Ion Ratio Lower Upper

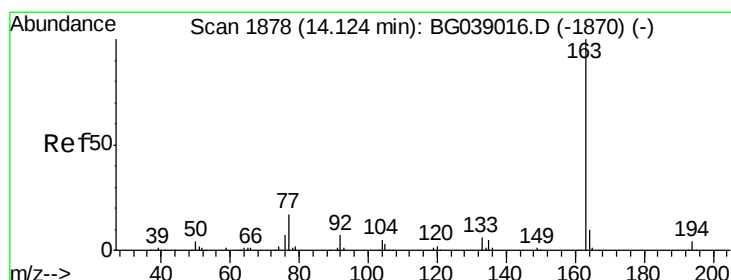
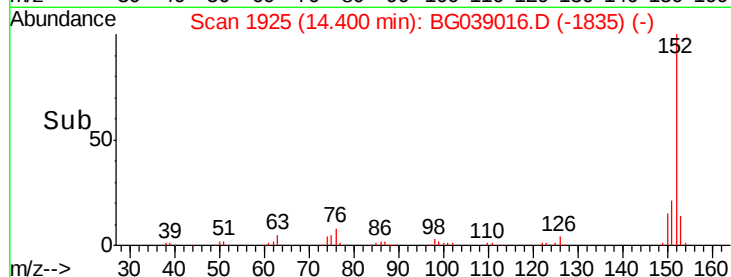
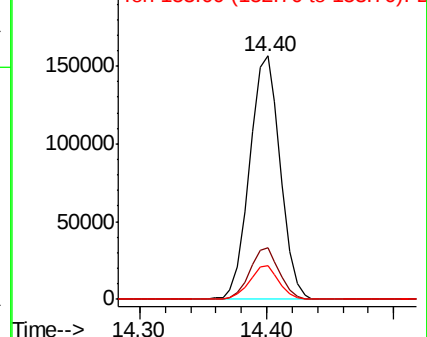
152 100

151 21.2 17.0 25.4

153 14.0 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: 40.961 ng

RT: 14.12 min Scan# 1878

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

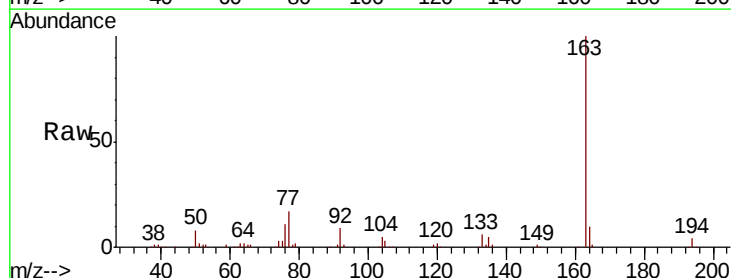
Tgt Ion:163 Resp: 227623

Ion Ratio Lower Upper

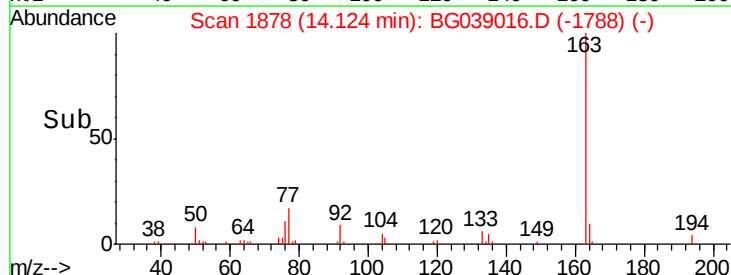
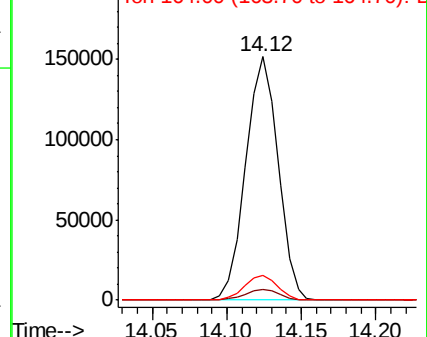
163 100

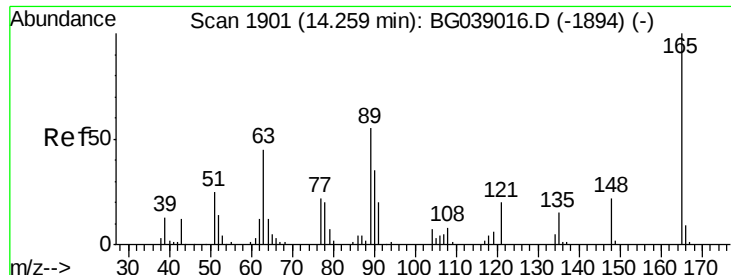
194 4.5 3.6 5.4

164 10.2 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

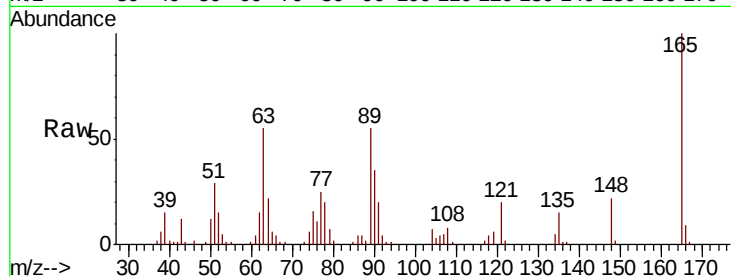




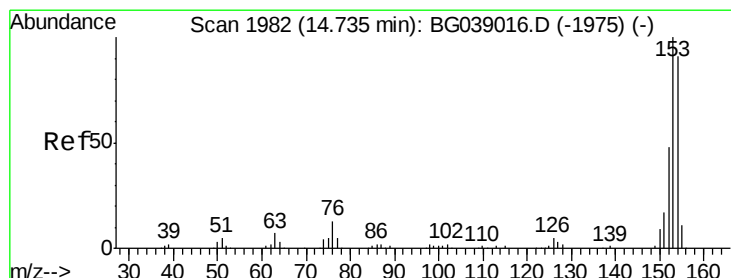
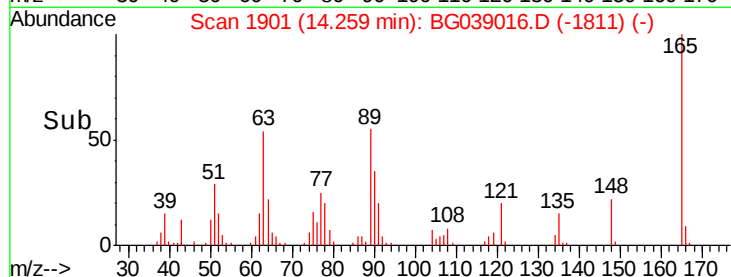
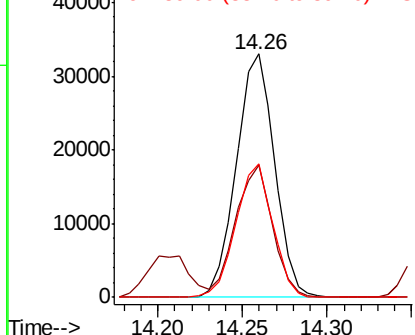
#51
2,6-Dinitrotoluene
Concen: 41.277 ng
RT: 14.26 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BG039016.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 51982
Ion Ratio Lower Upper
165 100
63 54.5 43.6 65.4
89 54.6 43.7 65.5

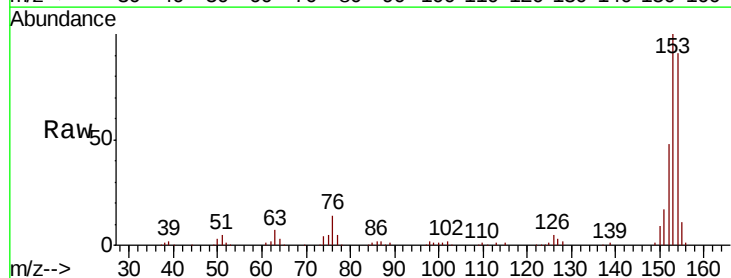


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

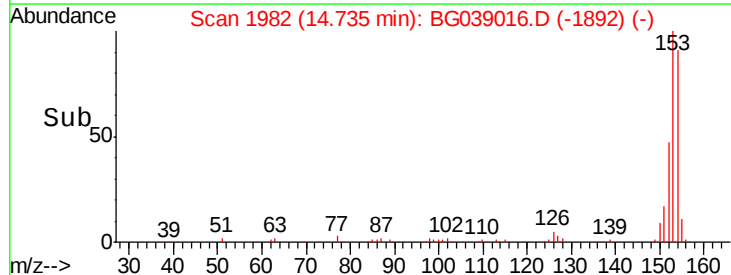
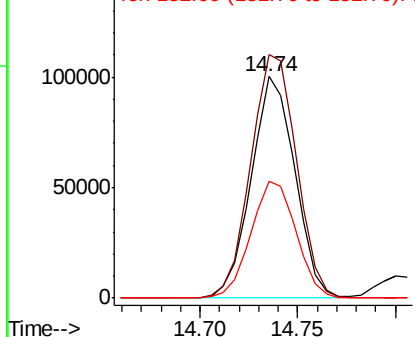


#52
Acenaphthene
Concen: 39.525 ng
RT: 14.74 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BG039016.D
Acq: 9 Jan 2019 11:39

Tgt Ion:154 Resp: 155698
Ion Ratio Lower Upper
154 100
153 109.9 87.9 131.9
152 52.7 42.2 63.2



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





#53

3-Nitroaniline

Concen: 40.949 ng

RT: 14.59 min Scan# 1958

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

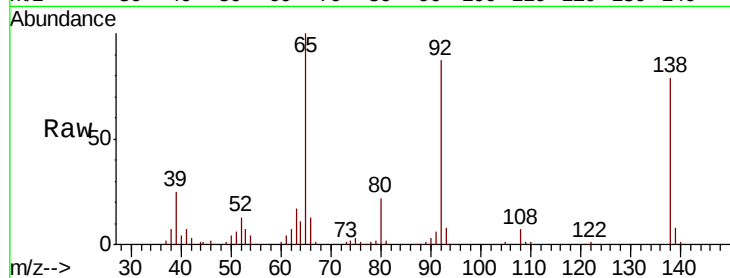
Tot Ion:138 Resp: 52568

Ion Ratio Lower Upper

138 100

108 9.2 7.4 11.0

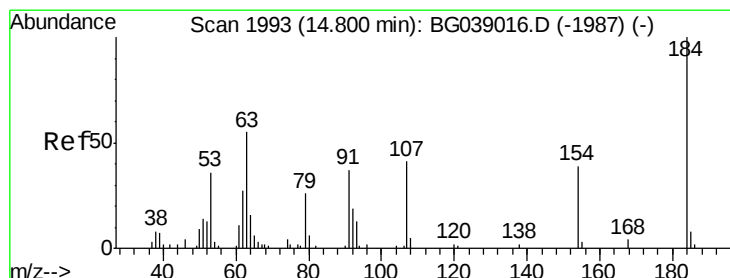
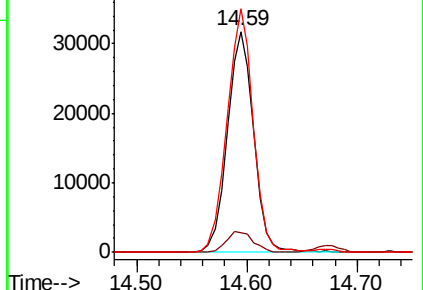
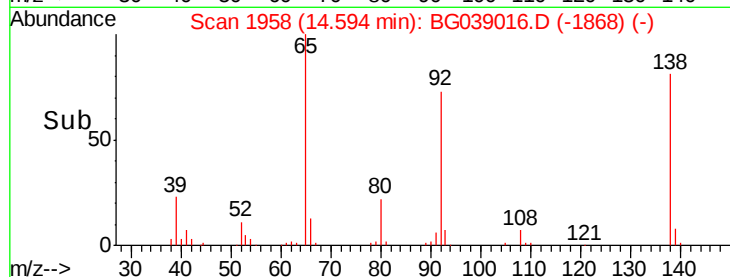
92 110.3 88.2 132.4



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: 43.241 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

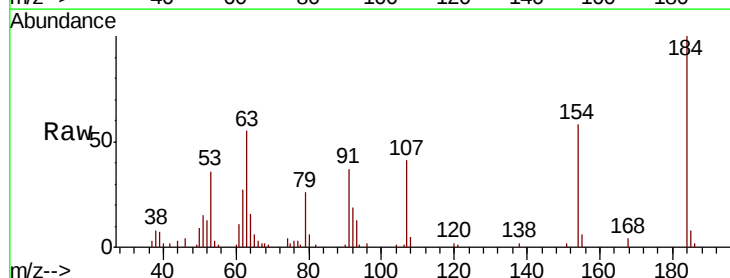
Tgt Ion:184 Resp: 28435

Ion Ratio Lower Upper

184 100

63 55.0 44.0 66.0

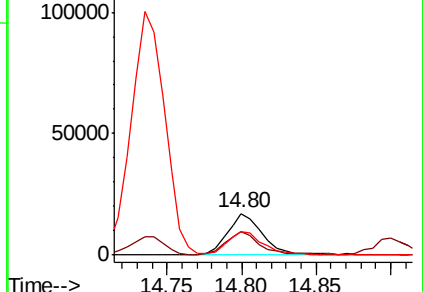
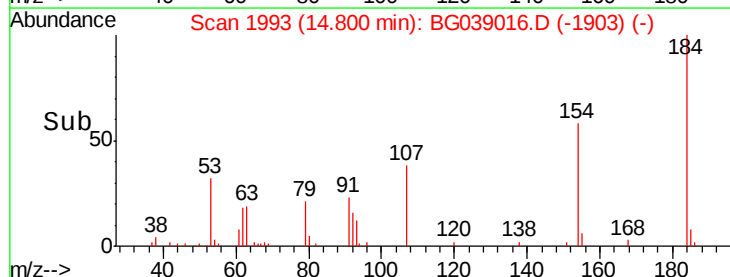
154 57.6 46.1 69.1

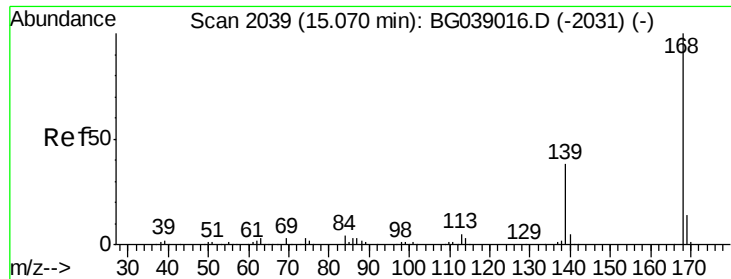


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

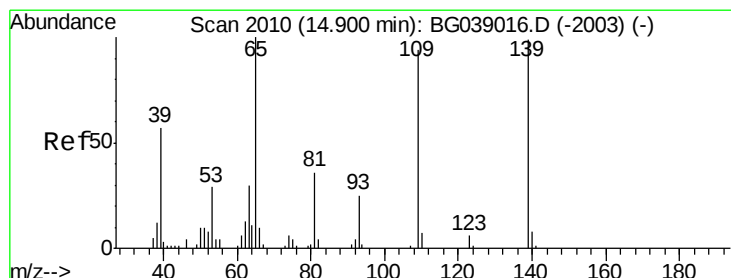
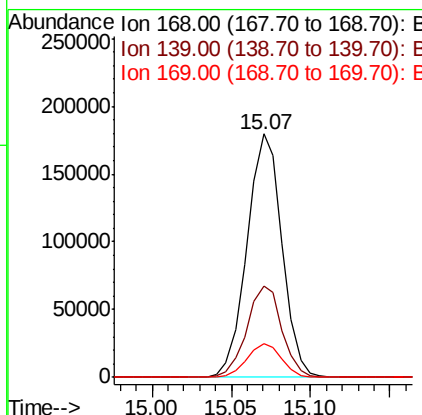
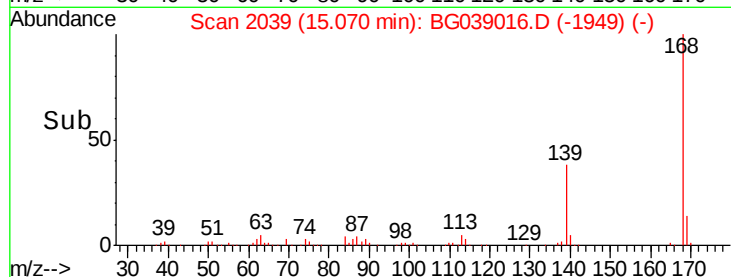
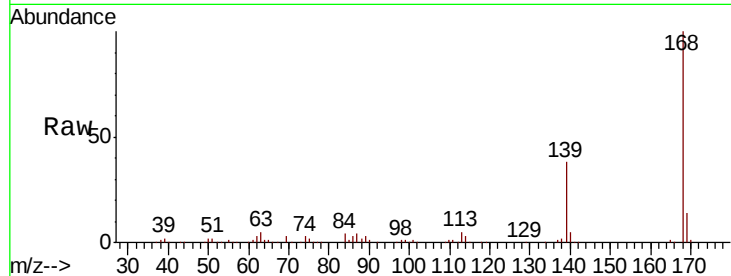




#55
Dibenzenofuran
Concen: 40.680 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG039016.D
Acq: 9 Jan 2019 11:39

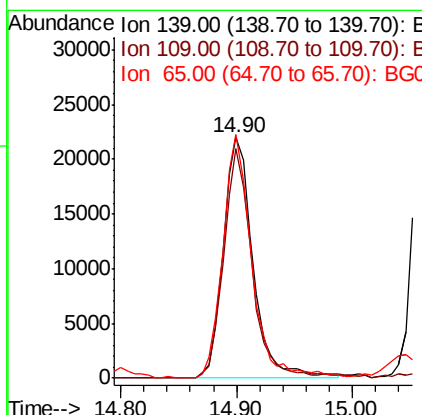
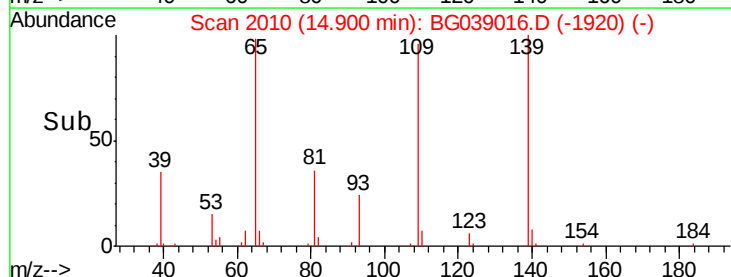
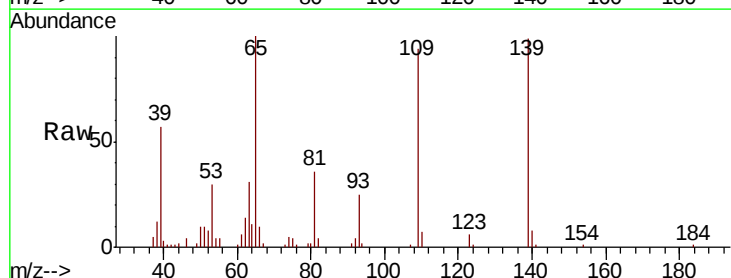
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.1	45.1
169	13.6	10.9	16.3



#56
4-Nitrophenol
Concen: 40.208 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG039016.D
Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.6	75.6	115.6
65	101.2	81.2	121.2

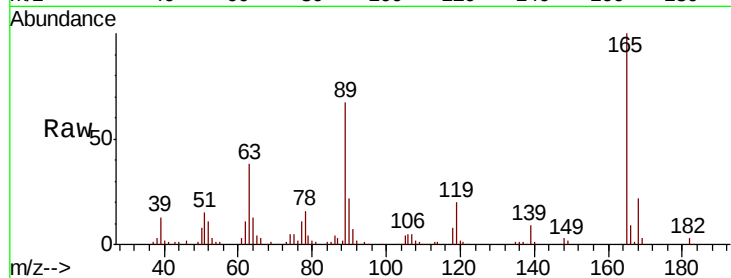




#57
 2,4-Dinitrotoluene
 Concen: 41.384 ng
 RT: 15.05 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BG039016.D
 Acq: 9 Jan 2019 11:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	165	Resp	73403
Ion	Ratio	Lower	Upper
165	100		
63	37.8	30.2	45.4
89	66.5	53.2	79.8
182	3.4	2.7	4.1

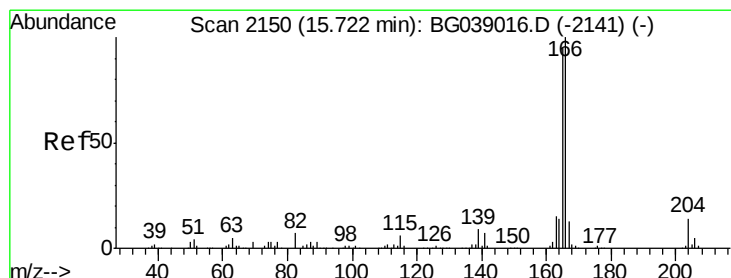
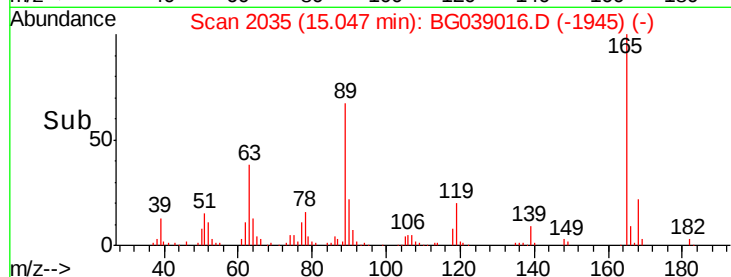
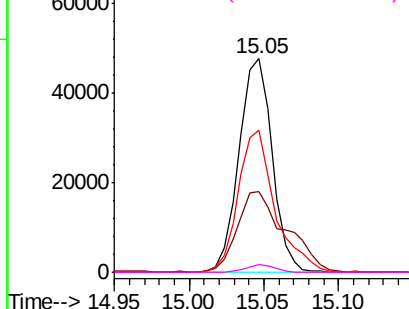


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

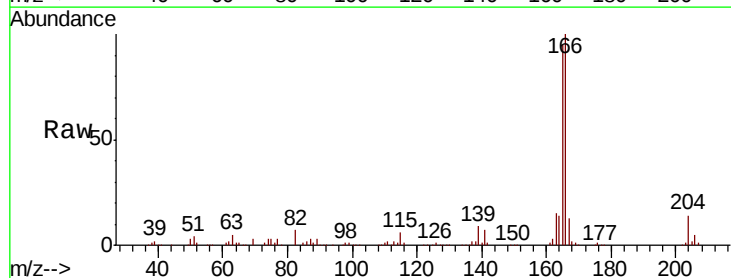
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 41.540 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BG039016.D
 Acq: 9 Jan 2019 11:39

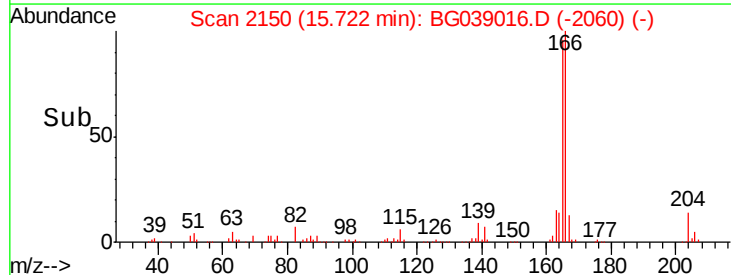
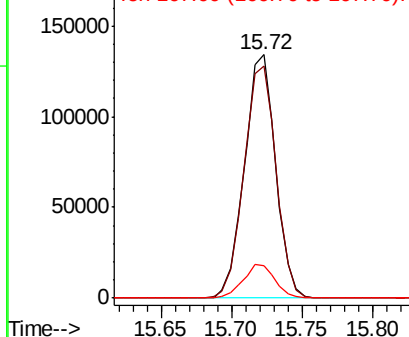
Tgt Ion	166	Resp	207812
Ion	Ratio	Lower	Upper
166	100		
165	95.2	76.2	114.2
167	13.3	10.6	16.0

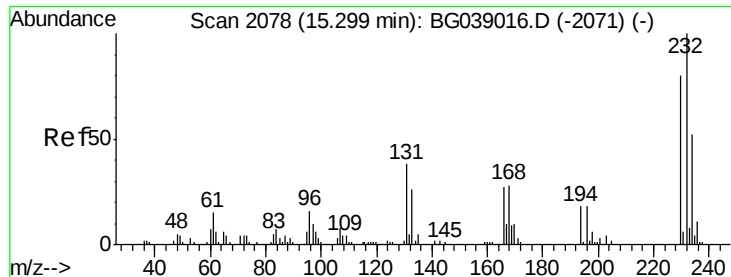


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

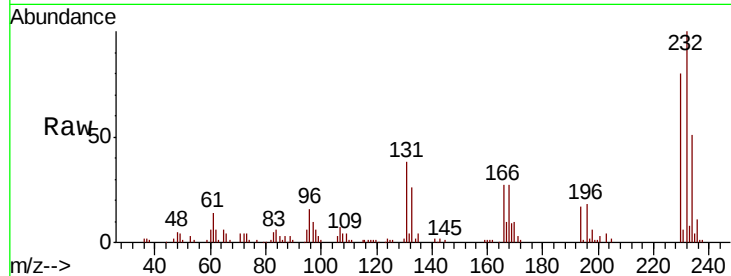




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.101 ng
RT: 15.30 min Scan# 2078
Delta R.T. 0.00 min
Lab File: BG039016.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.6	30.9	46.3
130	2.4	1.9	2.9
166	27.6	22.1	33.1



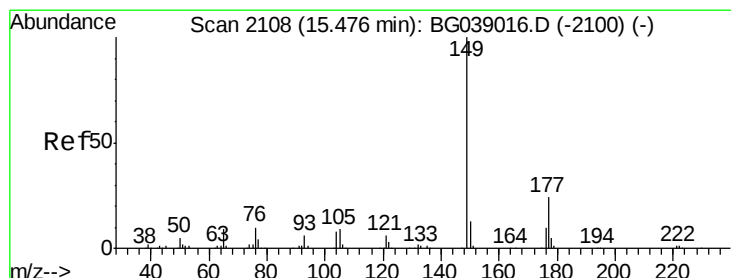
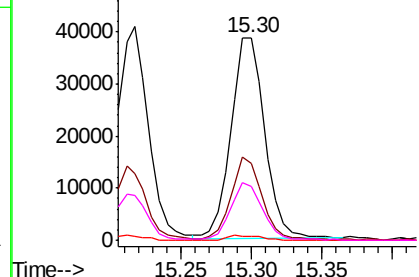
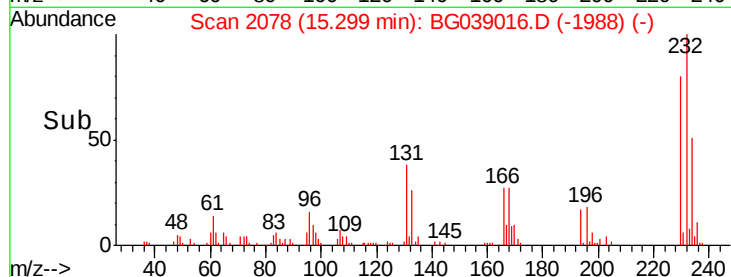
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

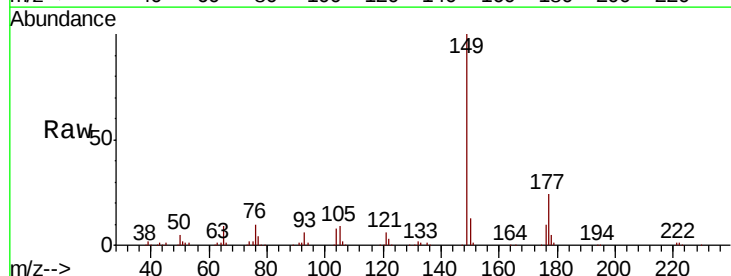
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.243 ng
RT: 15.48 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BG039016.D
Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.0	28.6
150	12.8	10.2	15.4

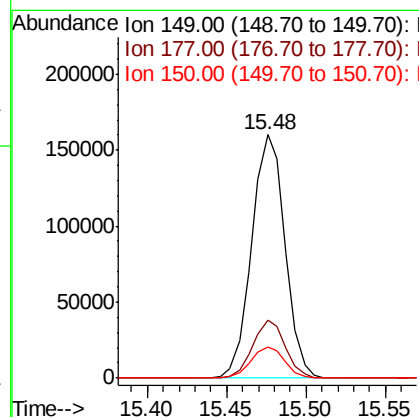
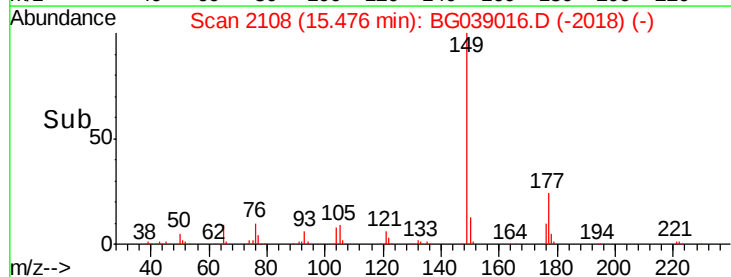


Abundance

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

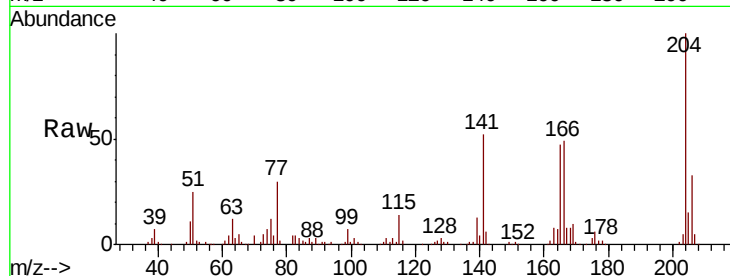




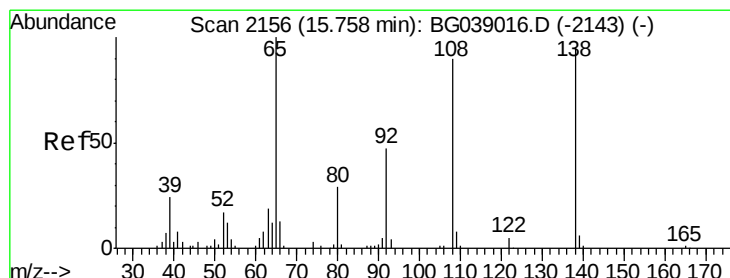
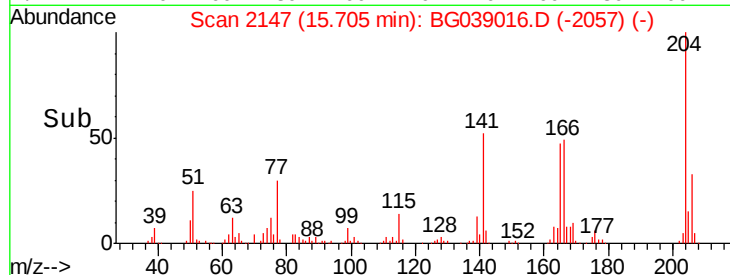
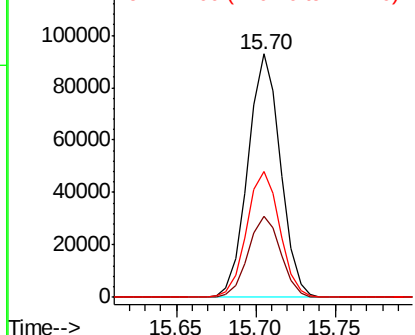
#61
4-Chlorophenyl-phenylether
Concen: 42.478 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG039016.D
Acq: 9 Jan 2019 11:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 132590
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 51.7 41.4 62.0

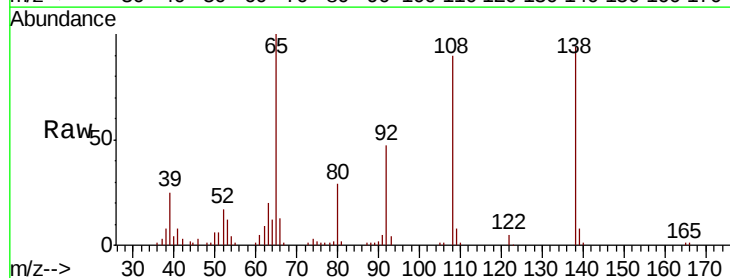


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

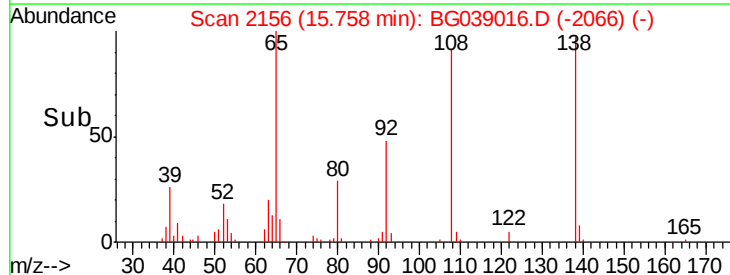
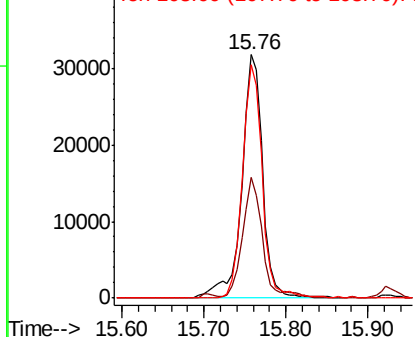


#62
4-Nitroaniline
Concen: 42.509 ng
RT: 15.76 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BG039016.D
Acq: 9 Jan 2019 11:39

Tgt Ion:138 Resp: 56181
Ion Ratio Lower Upper
138 100
92 49.7 29.7 69.7
108 95.7 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: 35.572 ng

RT: 16.00 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 181286

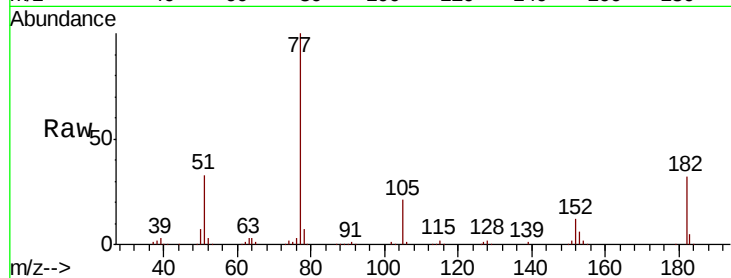
Ion Ratio Lower Upper

77 100

182 32.2 12.2 52.2

105 21.2 1.2 41.2

51 33.4 13.4 53.4



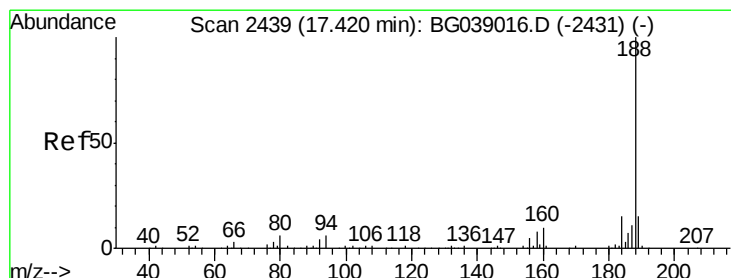
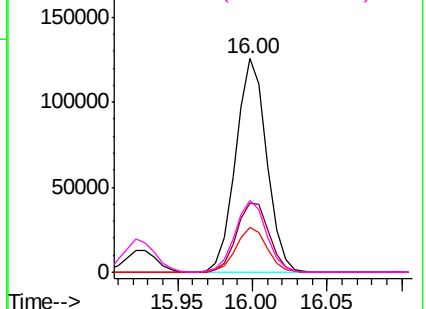
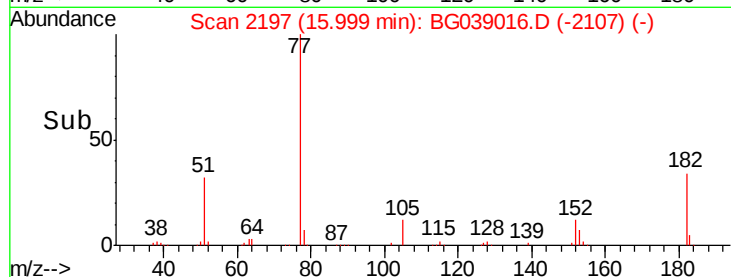
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

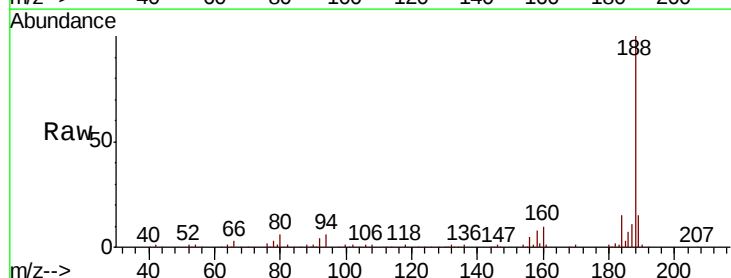
Tgt Ion: 188 Resp: 171817

Ion Ratio Lower Upper

188 100

94 6.2 5.0 7.4

80 5.9 4.7 7.1

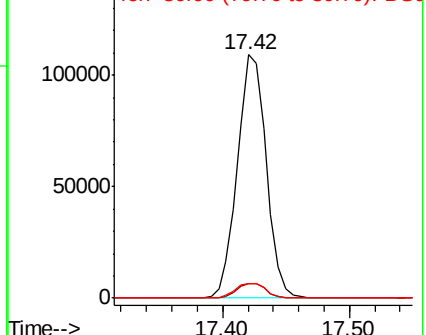
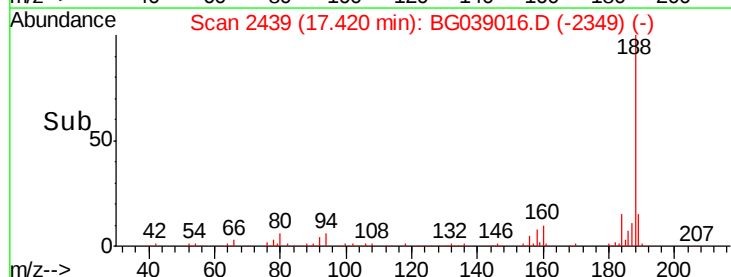


Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

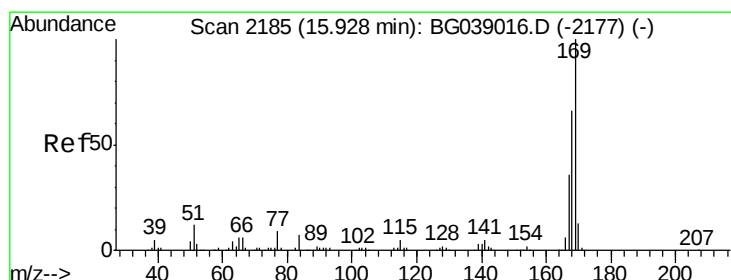
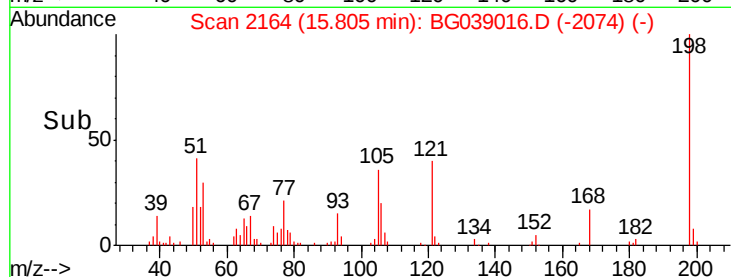
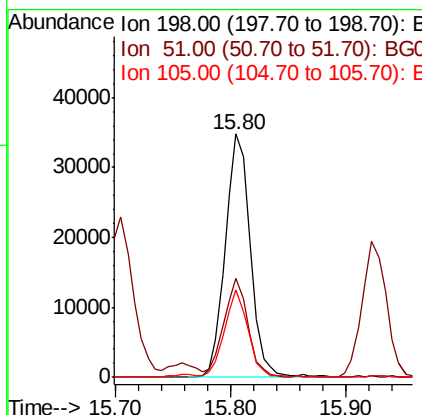
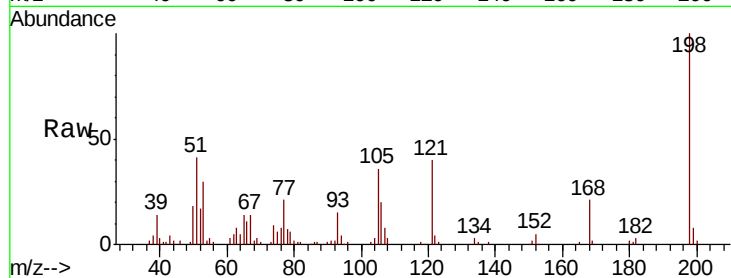




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.691 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: BG039016.D
 Acq: 9 Jan 2019 11:39

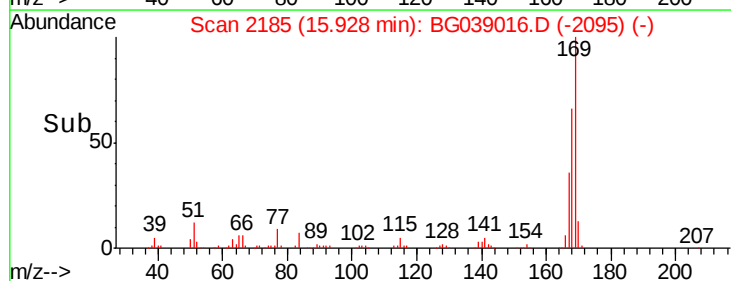
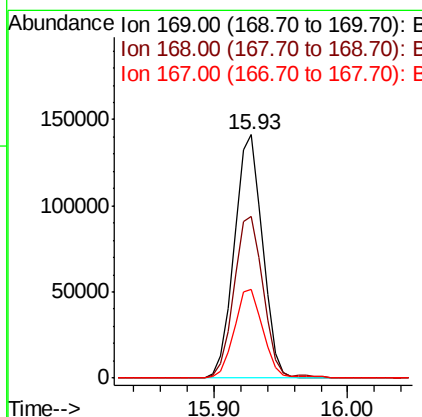
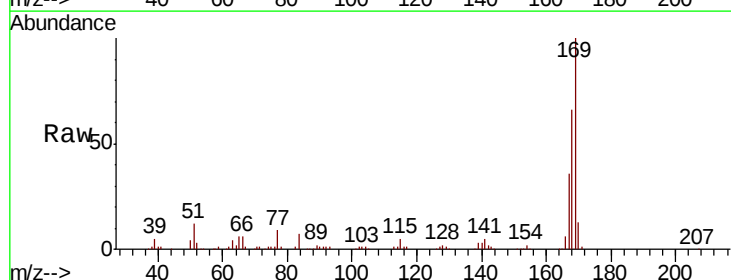
Instrument :
 BNA_G
 ClientSampled :

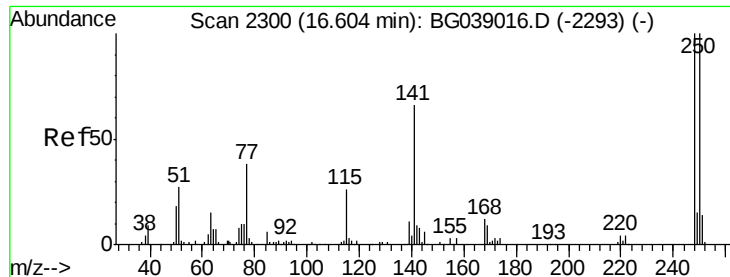
Tot Ion	Ratio	Lower	Upper
198	100		
51	40.8	20.8	60.8
105	36.1	16.1	56.1



#66
 n-Nitrosodiphenylamine
 Concen: 40.992 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. 0.00 min
 Lab File: BG039016.D
 Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.2	79.8
167	36.4	29.1	43.7

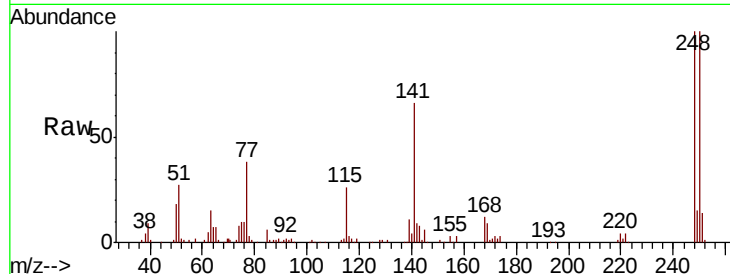




#67
 4-Bromophenyl-phenylether
 Concen: 42.630 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG039016.D
 Acq: 9 Jan 2019 11:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.9	79.9	119.9
141	65.9	52.7	79.1

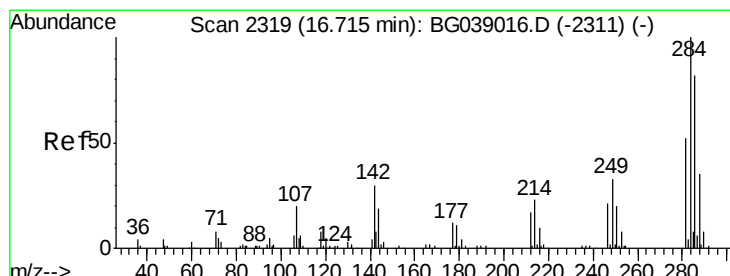
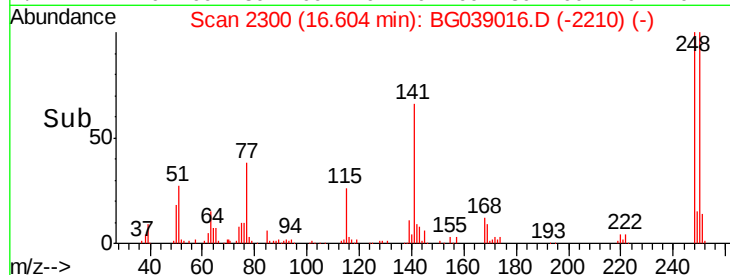
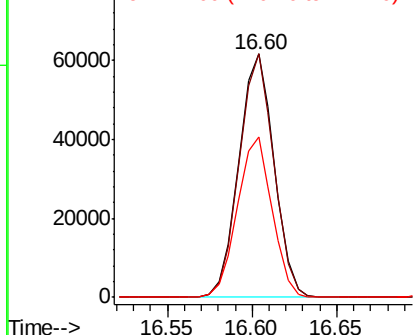


Abundance

Ion 248.00 (247.70 to 248.70): E

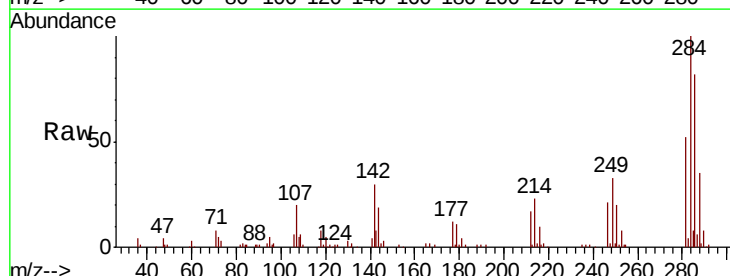
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 44.089 ng
 RT: 16.72 min Scan# 2319
 Delta R.T. 0.00 min
 Lab File: BG039016.D
 Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	24.3	36.5
249	34.8	27.8	41.8

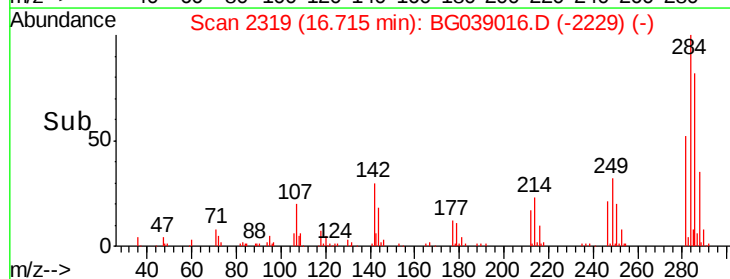
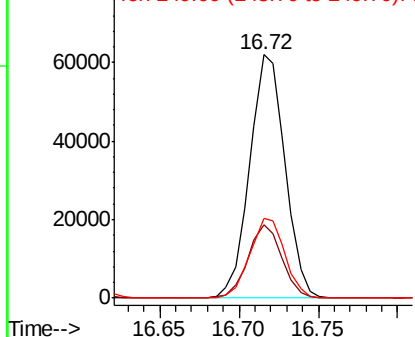


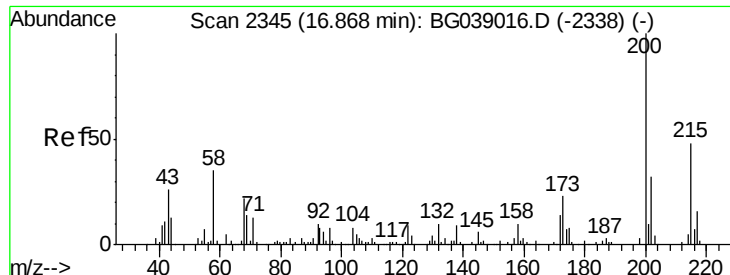
Abundance

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: 47.461 ng

RT: 16.87 min Scan# 2345

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

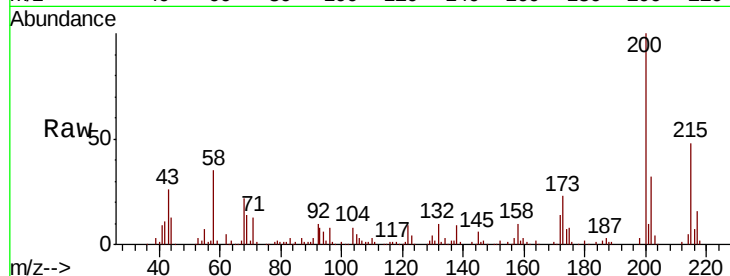
Tot Ion:200 Resp: 88919

Ion Ratio Lower Upper

200 100

173 22.6 2.6 42.6

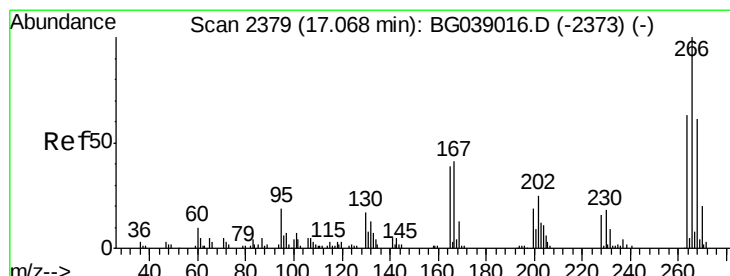
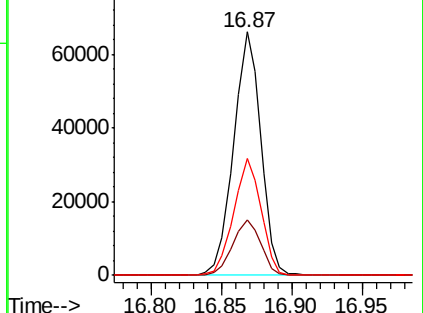
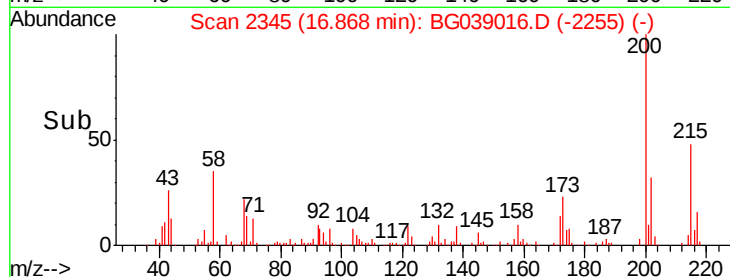
215 48.0 28.0 68.0



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: 42.322 ng

RT: 17.07 min Scan# 2379

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

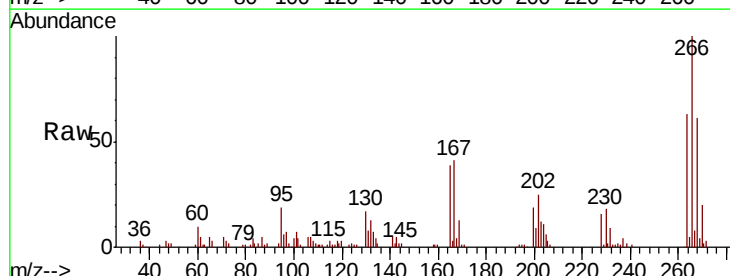
Tgt Ion:266 Resp: 54452

Ion Ratio Lower Upper

266 100

268 65.0 52.0 78.0

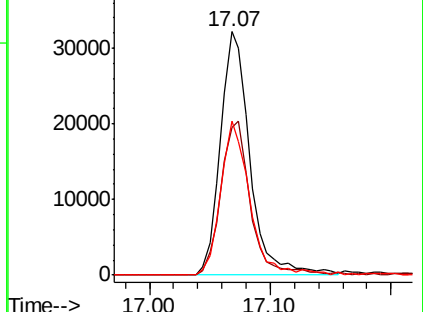
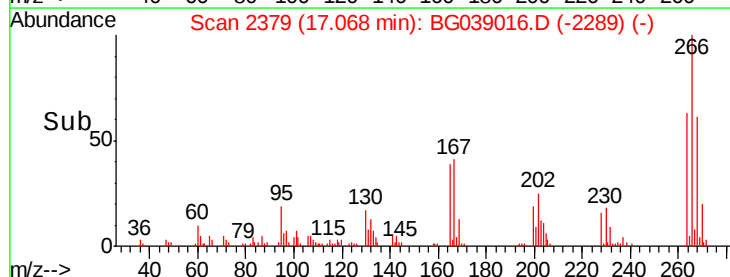
264 68.2 54.6 81.8

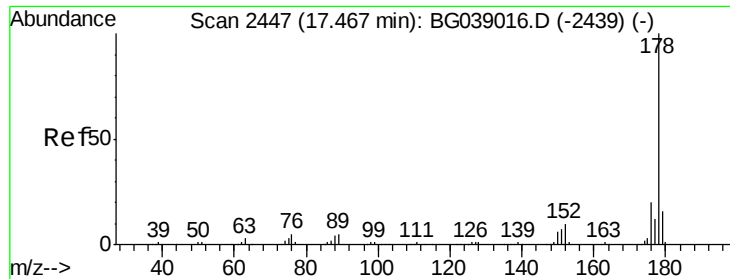


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

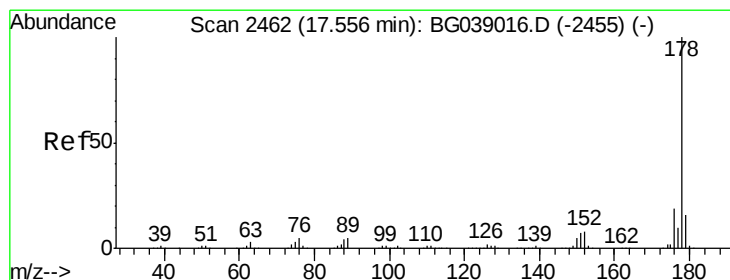
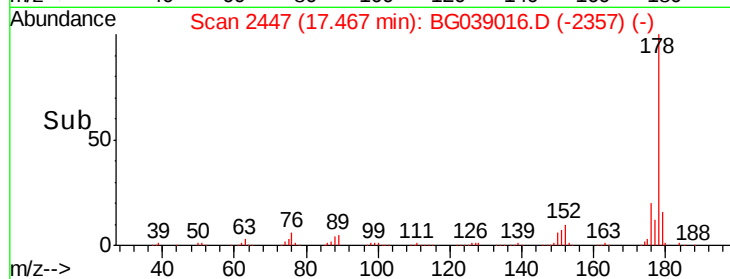
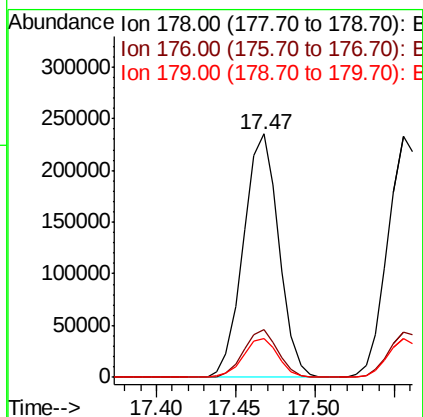
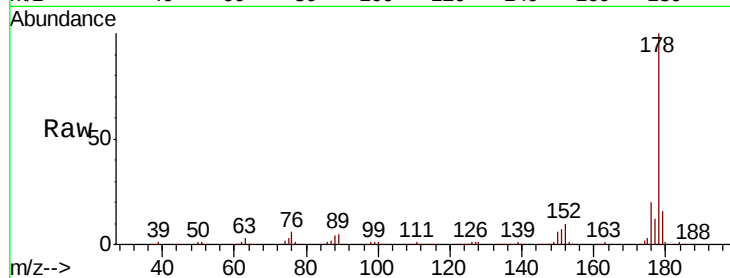




#71
 Phenanthrene
 Concen: 40.889 ng
 RT: 17.47 min Scan# 2447
 Delta R.T. 0.00 min
 Lab File: BG039016.D
 Acq: 9 Jan 2019 11:39

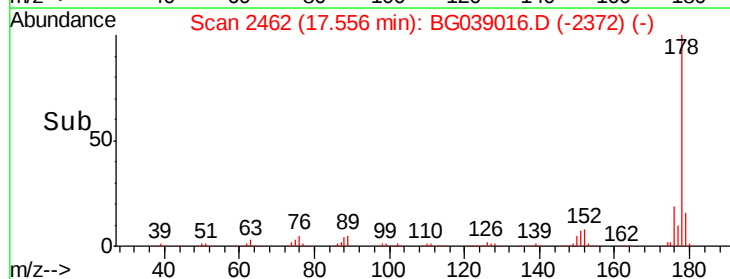
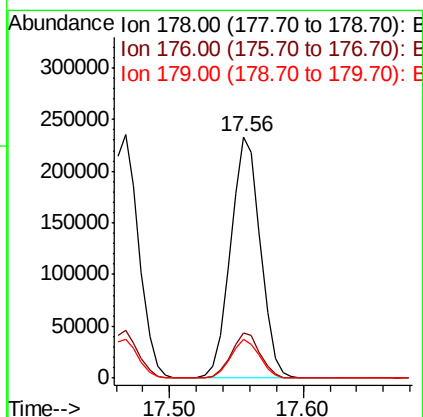
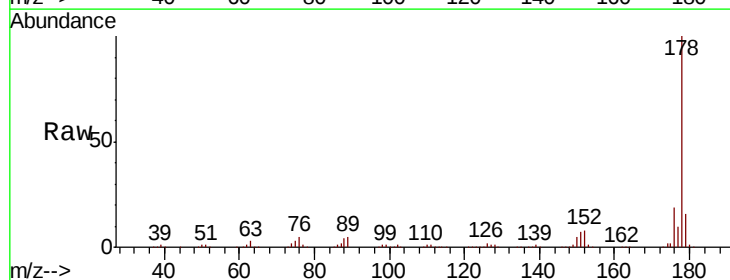
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 364310
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.7 23.5
 179 16.1 12.9 19.3



#72
 Anthracene
 Concen: 40.965 ng
 RT: 17.56 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: BG039016.D
 Acq: 9 Jan 2019 11:39

Tgt Ion:178 Resp: 360326
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.9 22.3
 179 16.2 13.0 19.4

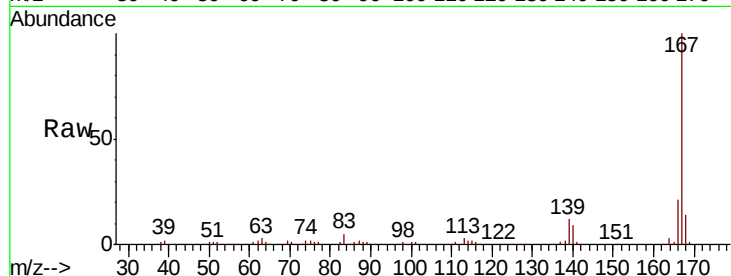




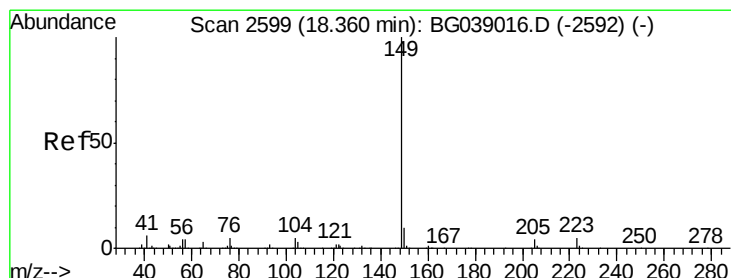
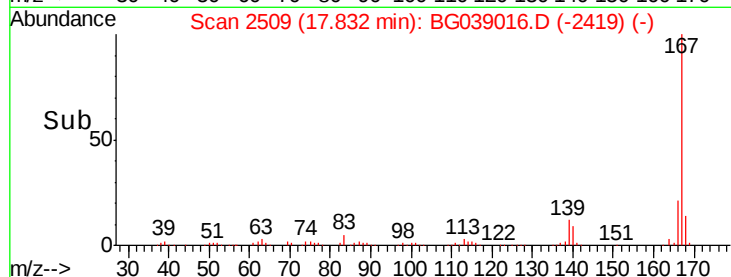
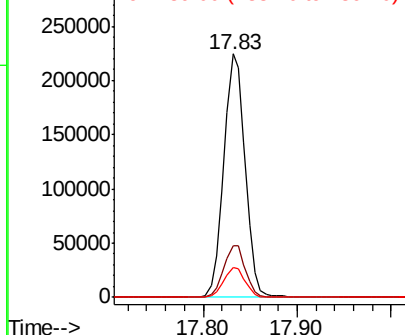
#73
 Carbazole
 Concen: 40.714 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: BG039016.D
 Acq: 9 Jan 2019 11:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 354171
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.9 25.3
 139 12.5 10.0 15.0

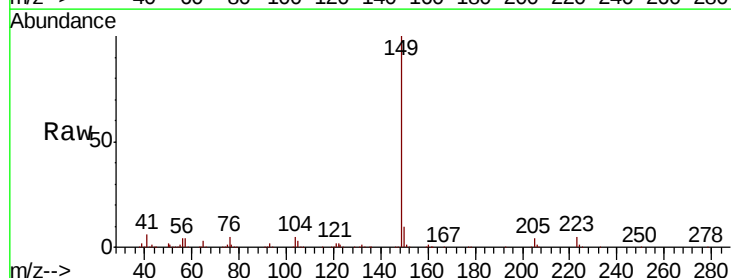


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

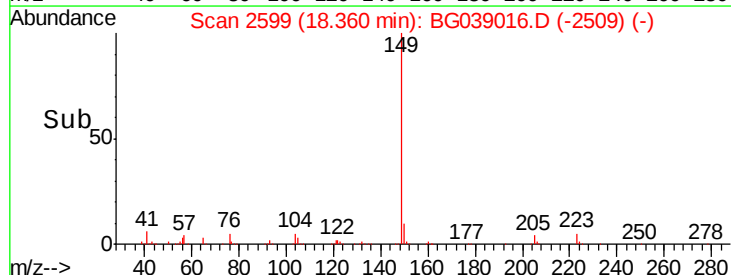
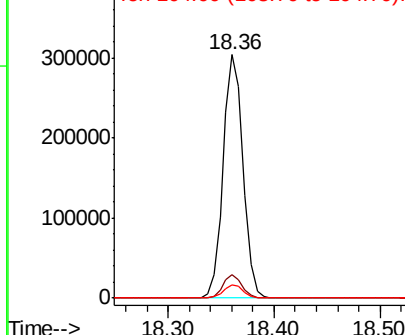


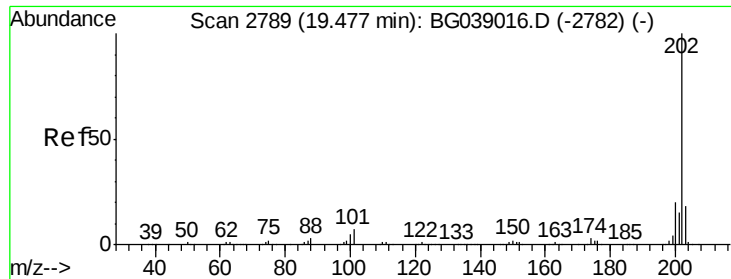
#74
 Di-n-butylphthalate
 Concen: 39.592 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. 0.00 min
 Lab File: BG039016.D
 Acq: 9 Jan 2019 11:39

Tgt Ion:149 Resp: 395196
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.9 11.9
 104 5.2 4.2 6.2



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

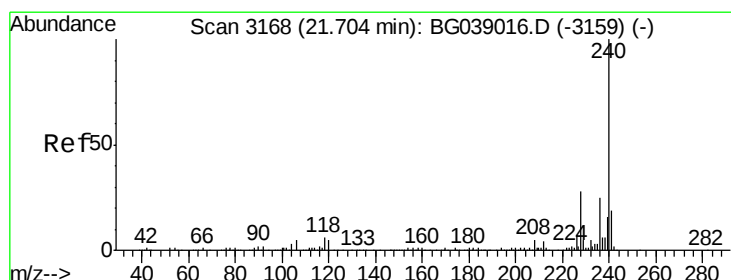
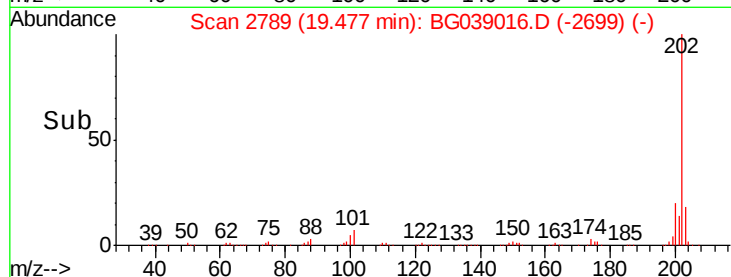
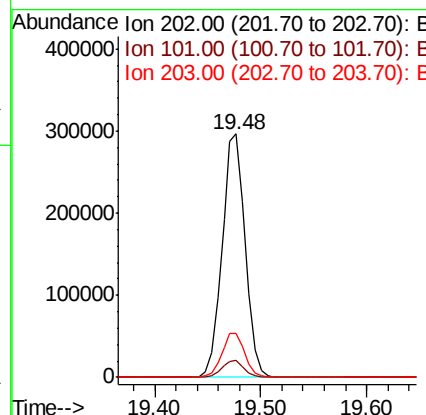
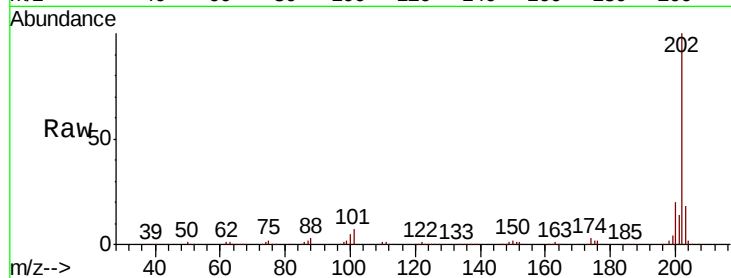




#75
 Fluoranthene
 Concen: 40.774 ng
 RT: 19.48 min Scan# 2789
 Delta R.T. 0.00 min
 Lab File: BG039016.D
 Acq: 9 Jan 2019 11:39

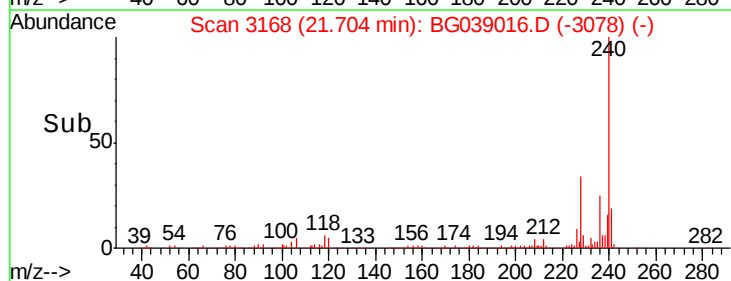
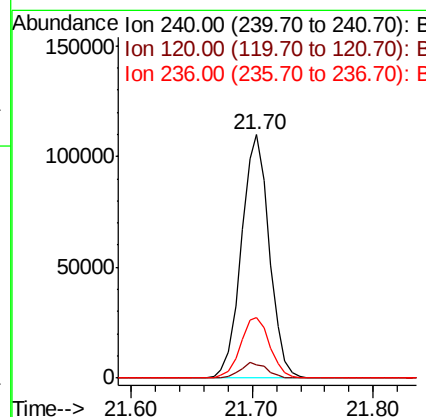
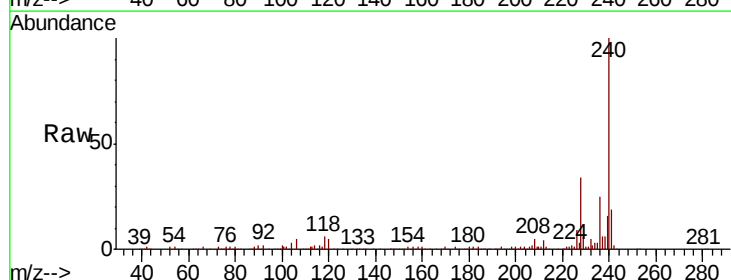
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	26.9
203	18.1	0.0	38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: BG039016.D
 Acq: 9 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.3	6.5
236	25.1	20.1	30.1





#77

Benzidine

Concen: 45.070 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

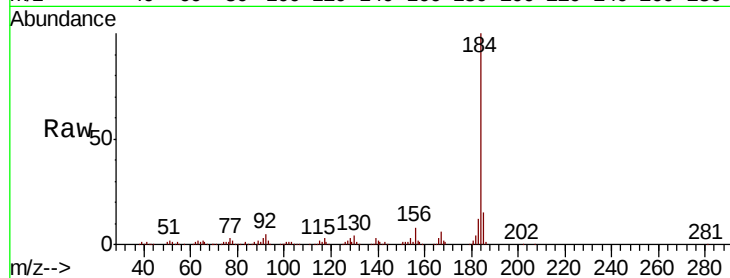
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 235207

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.1	18.1
183	11.9	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

19.66

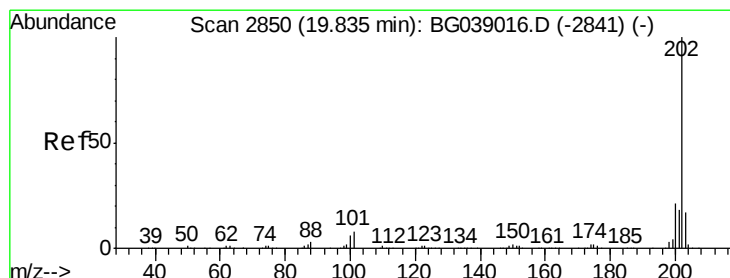
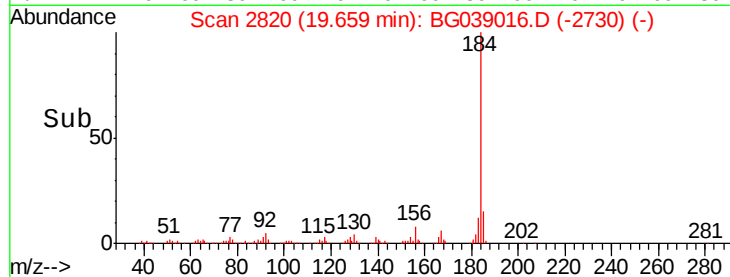
150000

100000

50000

0

Time-->



#78

Pyrene

Concen: 39.028 ng

RT: 19.84 min Scan# 2850

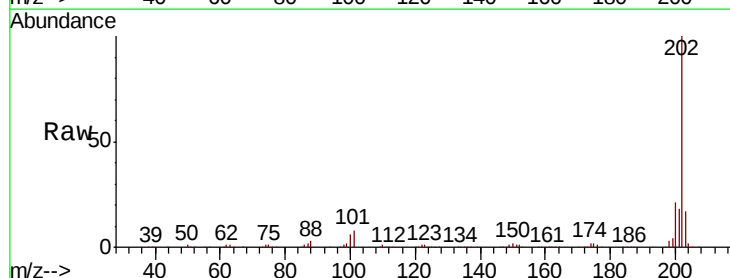
Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

Tgt Ion:202 Resp: 454976

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.6
203	17.5	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

19.84

400000

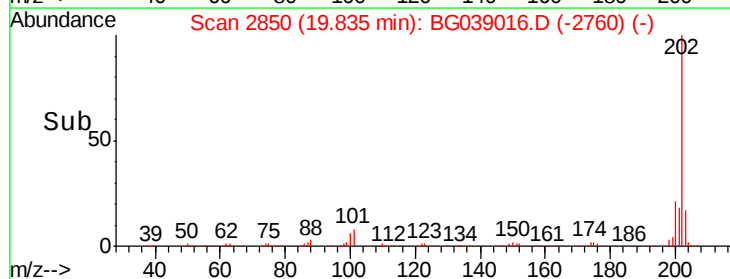
300000

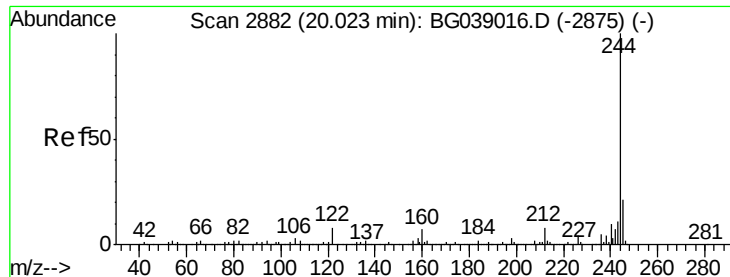
200000

100000

0

Time-->





#79

Terphenyl-d14

Concen: 92.546 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

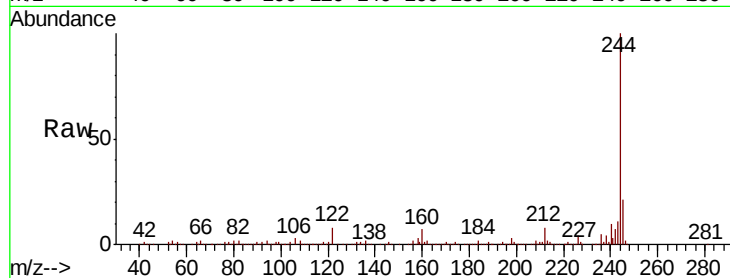
Tot Ion:244 Resp: 750389

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

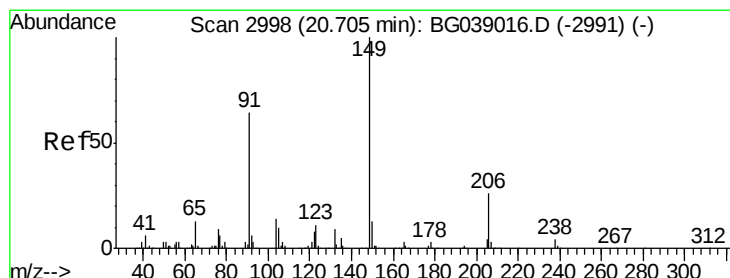
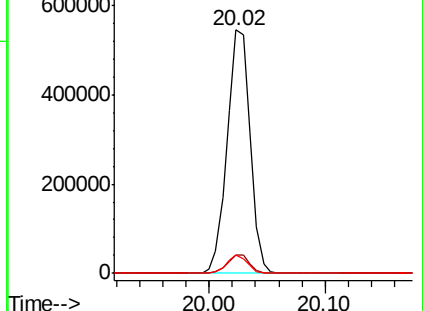
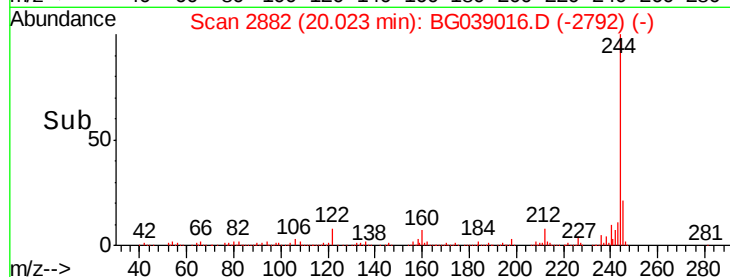
122 7.6 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.113 ng

RT: 20.70 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

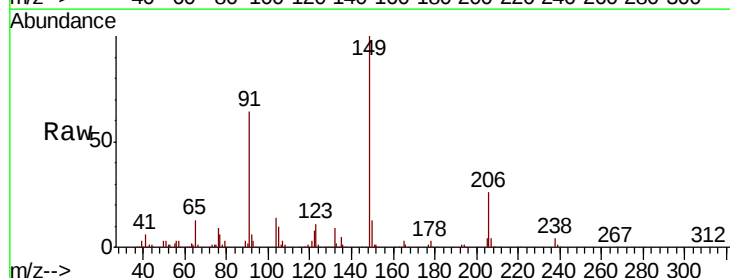
Tgt Ion:149 Resp: 173589

Ion Ratio Lower Upper

149 100

91 64.2 51.4 77.0

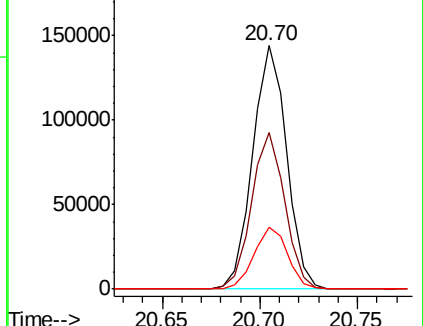
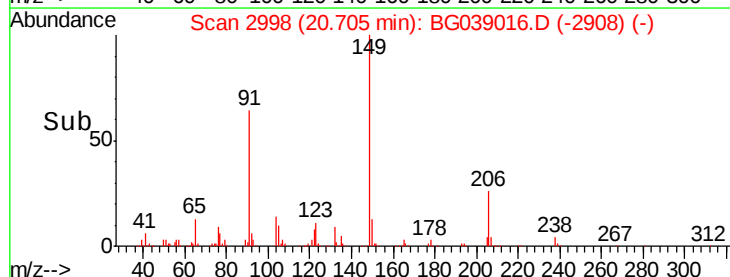
206 25.5 20.4 30.6

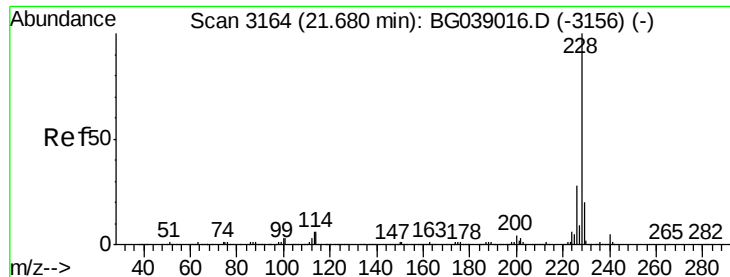


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.508 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

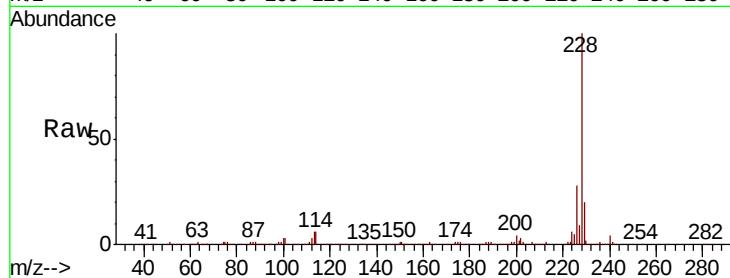
Tot Ion:228 Resp: 435574

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.4	33.6
229	20.2	16.2	24.2

228 100

226 28.0 22.4 33.6

229 20.2 16.2 24.2

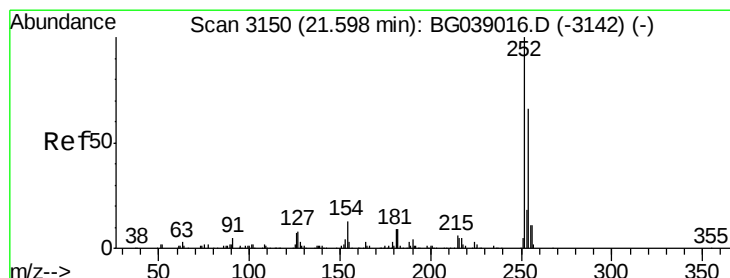
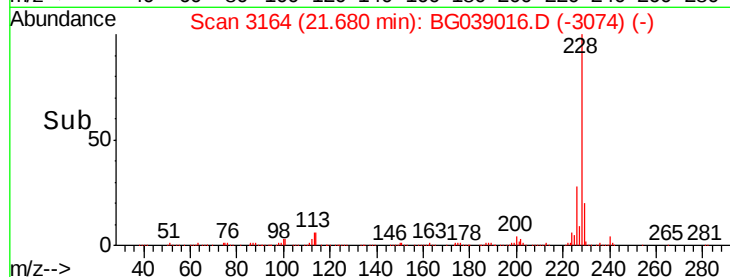
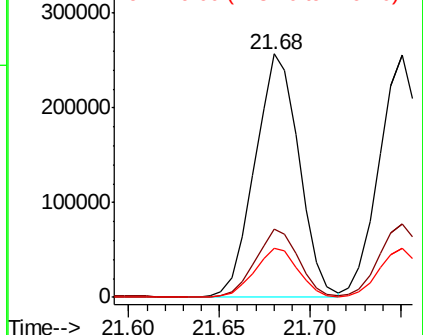


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.749 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

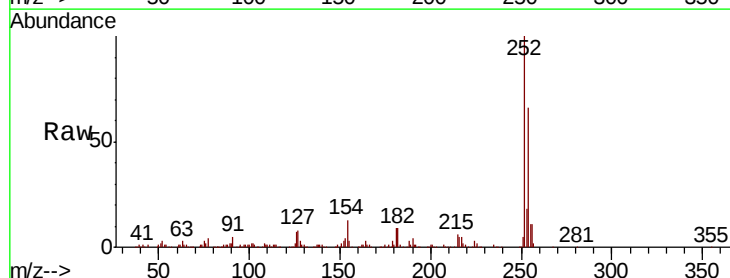
Tgt Ion:252 Resp: 178042

Ion	Ratio	Lower	Upper
252	100		
254	66.3	53.0	79.6
126	7.5	6.0	9.0

252 100

254 66.3 53.0 79.6

126 7.5 6.0 9.0

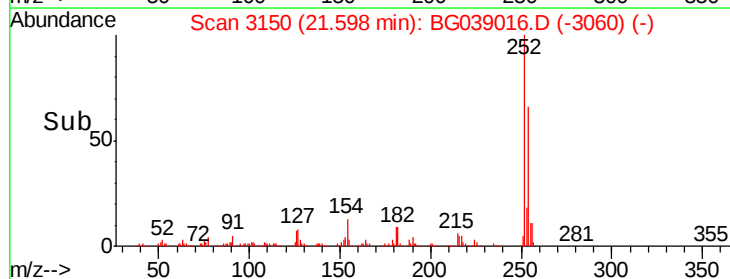
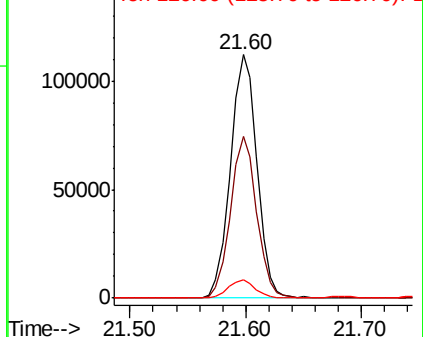


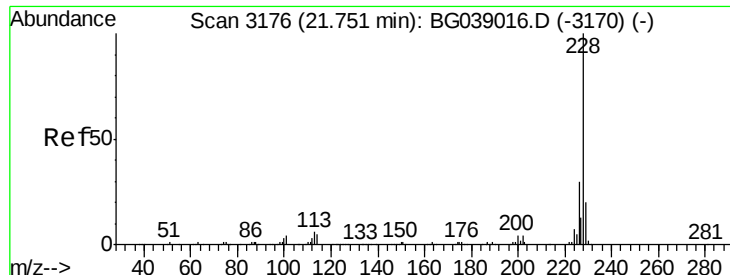
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

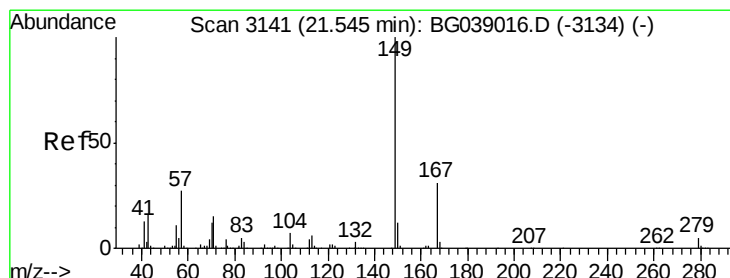
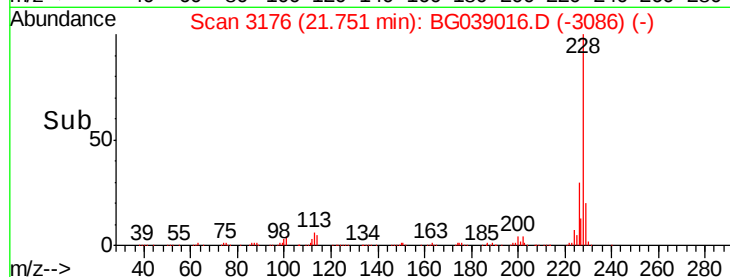
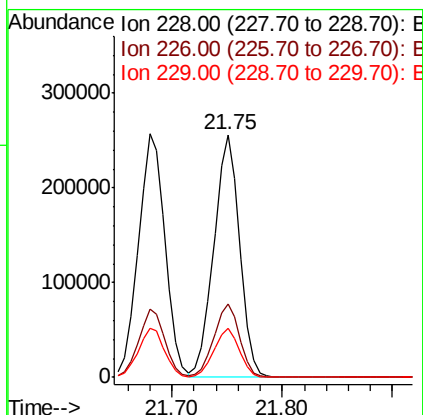
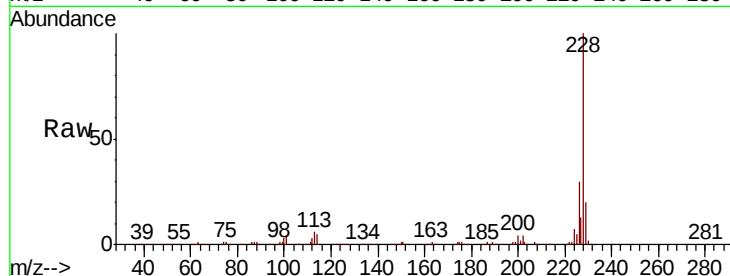




#83
Chrysene
Concen: 39.741 ng
RT: 21.75 min Scan# 3176
Delta R.T. 0.00 min
Lab File: BG039016.D
Acq: 9 Jan 2019 11:39

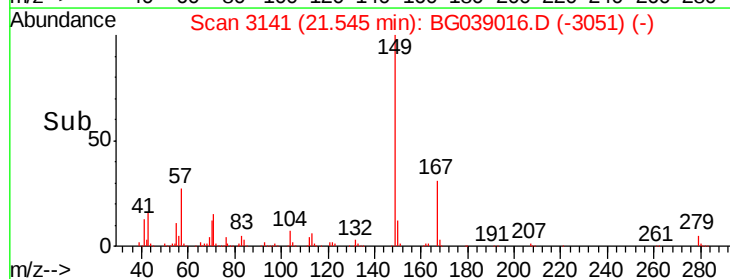
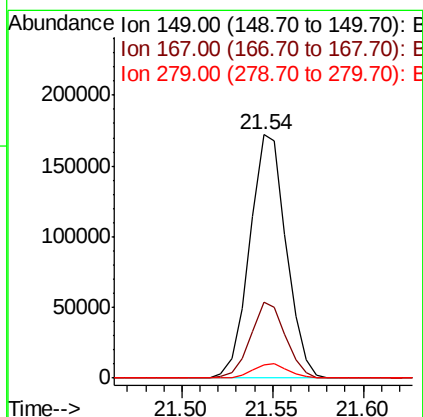
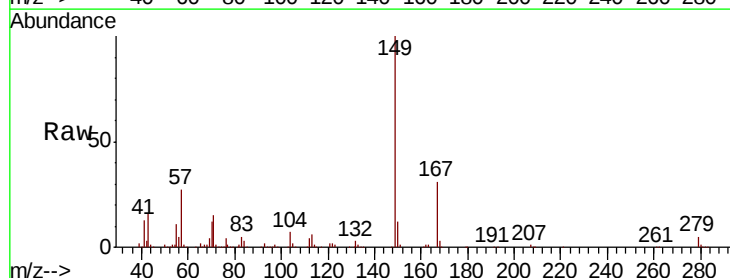
Instrument :
BNA_G
ClientSampleId :

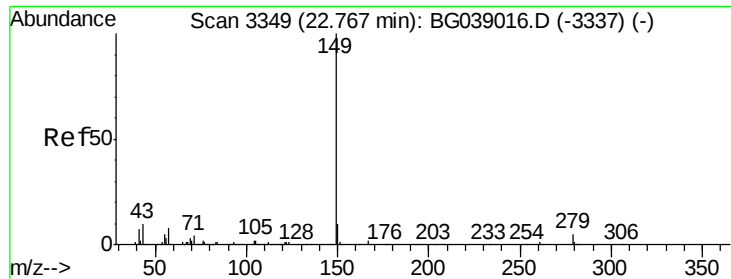
Tot Ion:228 Resp: 411606
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 20.0 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.224 ng
RT: 21.54 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG039016.D
Acq: 9 Jan 2019 11:39

Tgt Ion:149 Resp: 240451
Ion Ratio Lower Upper
149 100
167 31.2 25.0 37.4
279 5.4 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 37.935 ng

RT: 22.77 min Scan# 3349

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

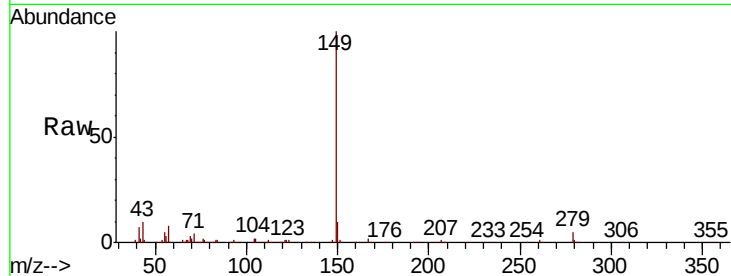
Tot Ion:149 Resp: 410391

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

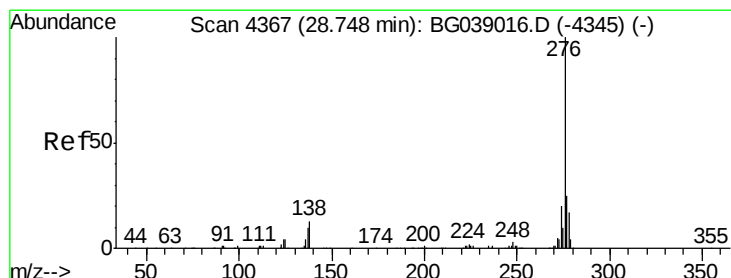
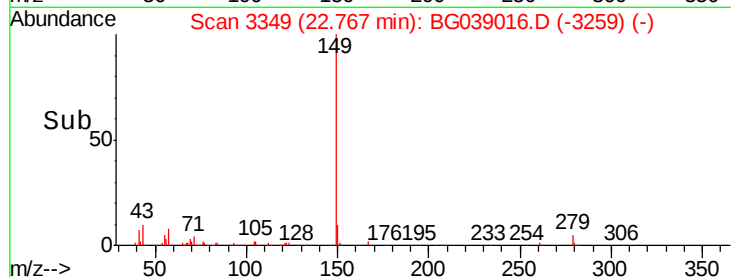
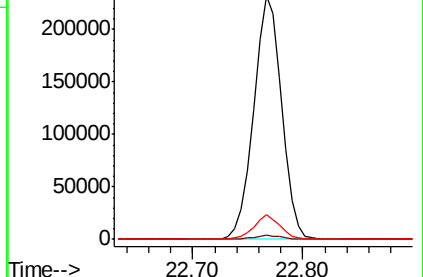
43 9.4 7.5 11.3



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: 41.391 ng

RT: 28.75 min Scan# 4367

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

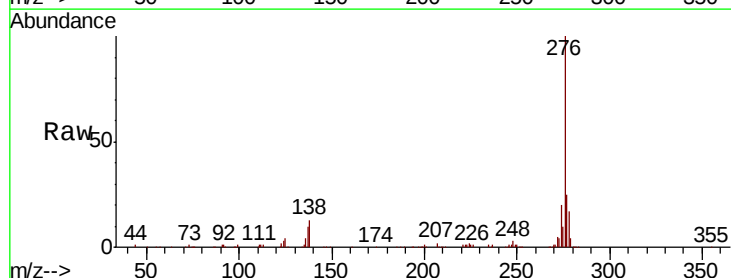
Tgt Ion:276 Resp: 503995

Ion Ratio Lower Upper

276 100

138 10.0 8.0 12.0

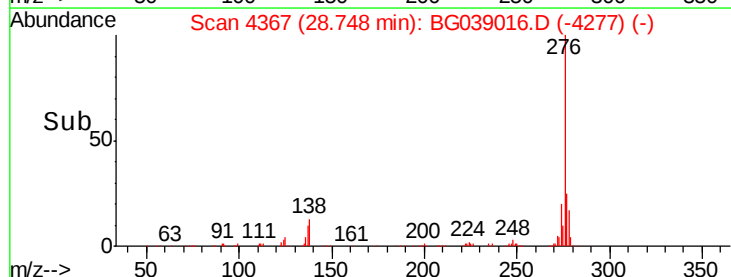
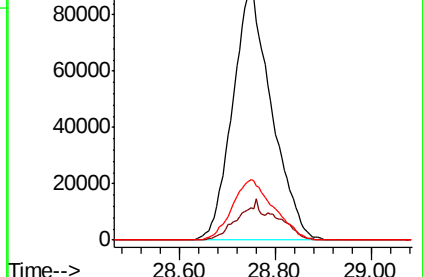
277 25.4 20.3 30.5

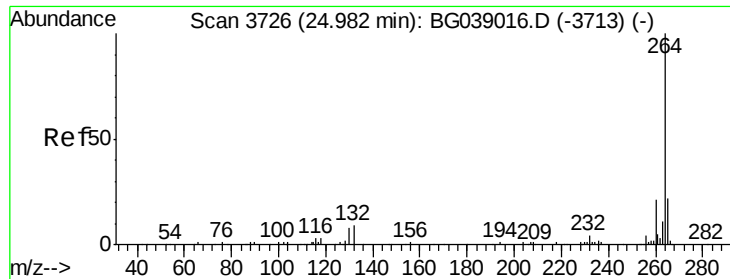


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



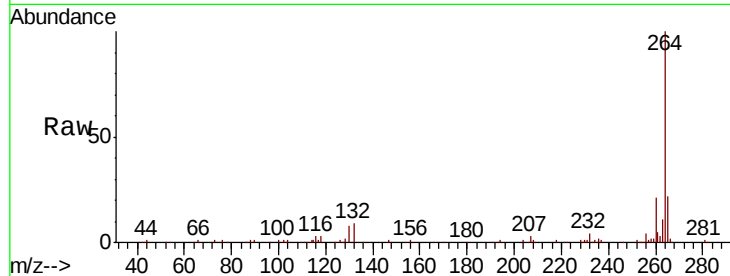


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. 0.00 min
Lab File: BG039016.D
Acq: 9 Jan 2019 11:39

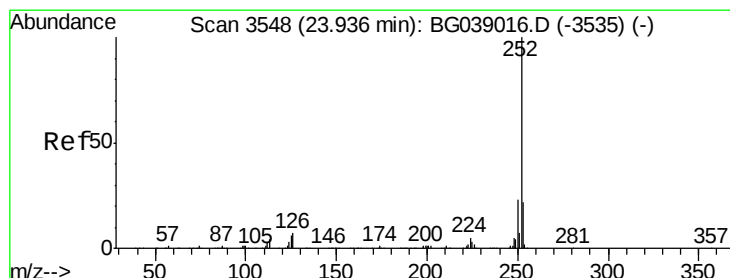
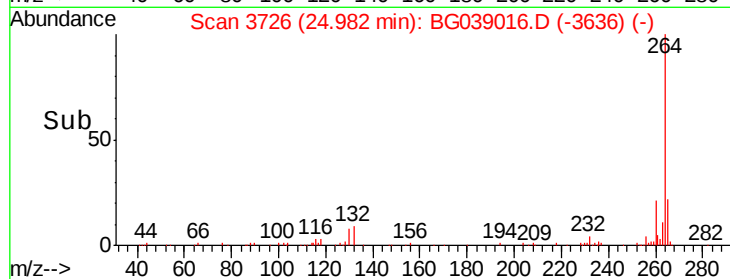
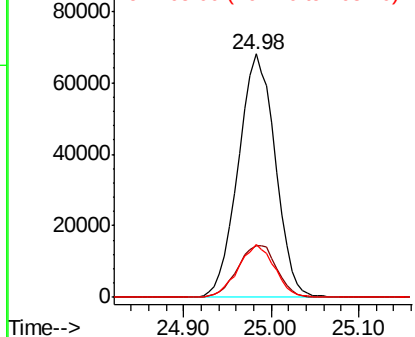
Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 195497

Ion	Ratio	Lower	Upper
264	100		
260	21.3	17.0	25.6
265	21.5	17.2	25.8



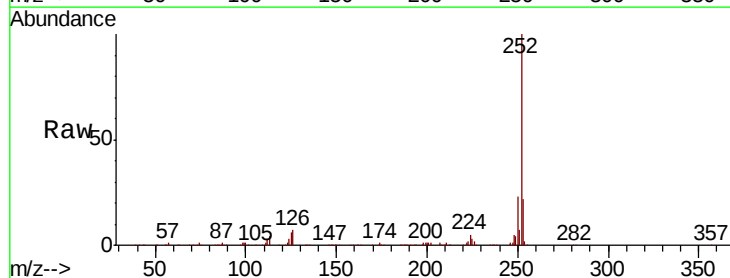
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



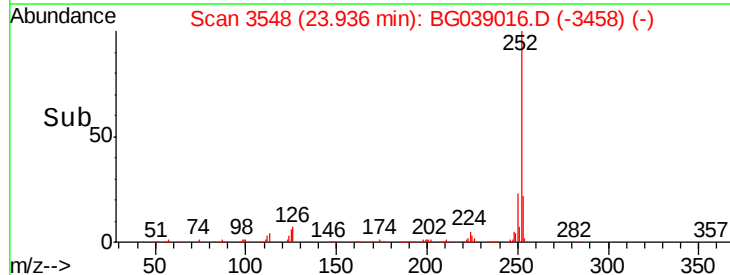
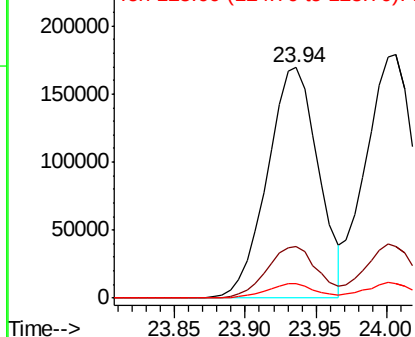
#88
Benzo(b)fluoranthene
Concen: 39.916 ng
RT: 23.94 min Scan# 3548
Delta R.T. 0.00 min
Lab File: BG039016.D
Acq: 9 Jan 2019 11:39

Tgt Ion:252 Resp: 428443

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	6.1	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: 40.734 ng

RT: 24.01 min Scan# 3560

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_G

ClientSampled :

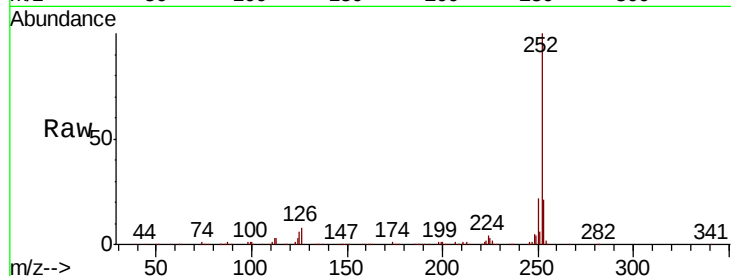
Tot Ion:252 Resp: 435375

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

125 5.8 4.6 7.0

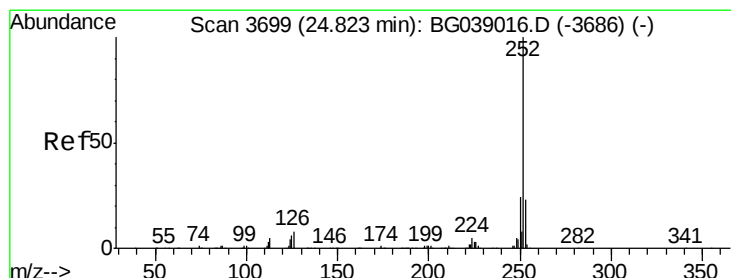
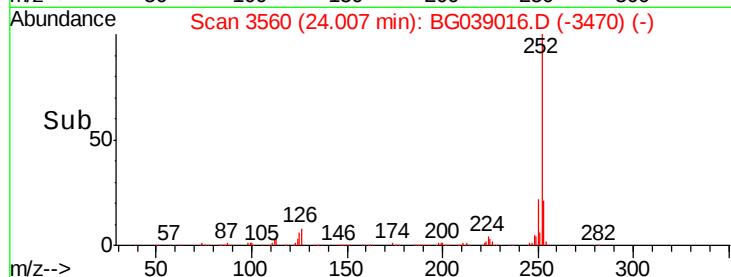
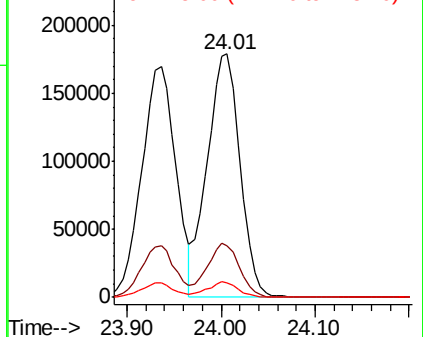


Abundance

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: 40.529 ng

RT: 24.82 min Scan# 3699

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

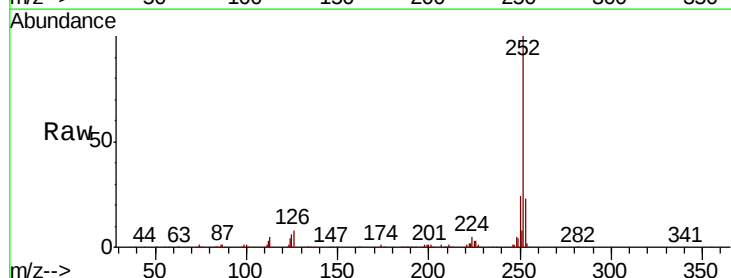
Tgt Ion:252 Resp: 419682

Ion Ratio Lower Upper

252 100

253 22.9 18.3 27.5

125 6.1 4.9 7.3

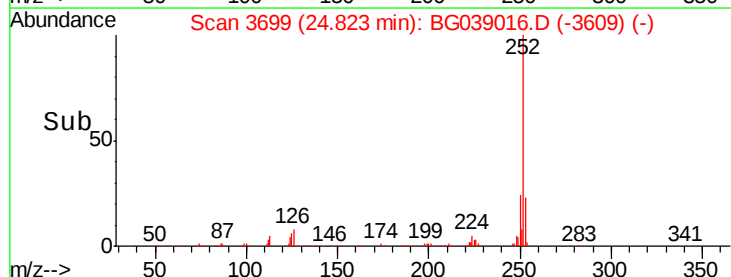
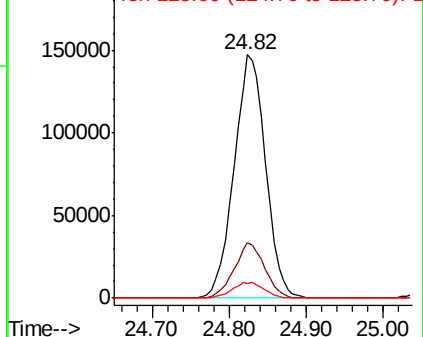


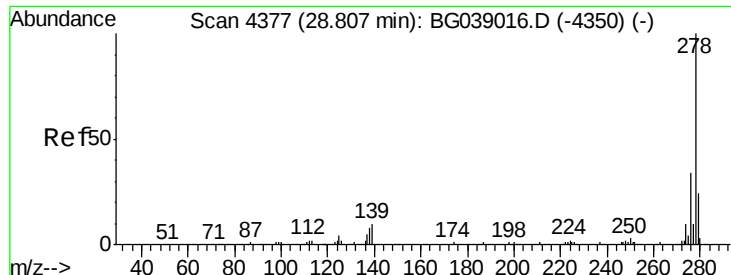
Abundance

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: 40.503 ng

RT: 28.81 min Scan# 4377

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

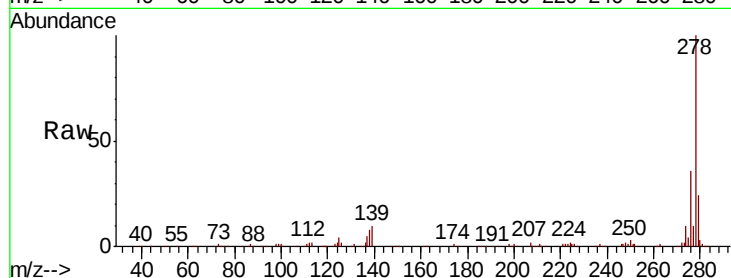
Tot Ion:278 Resp: 417595

Ion Ratio Lower Upper

278 100

139 9.9 7.9 11.9

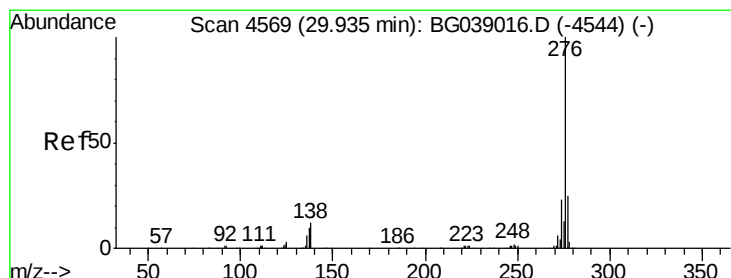
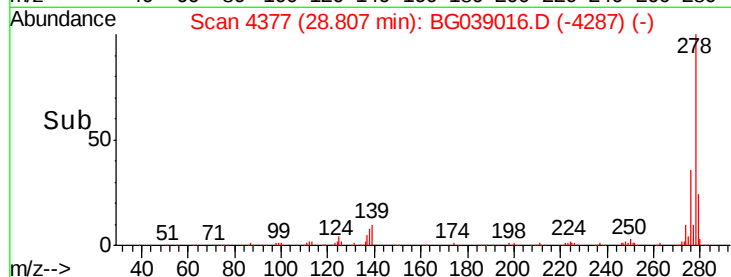
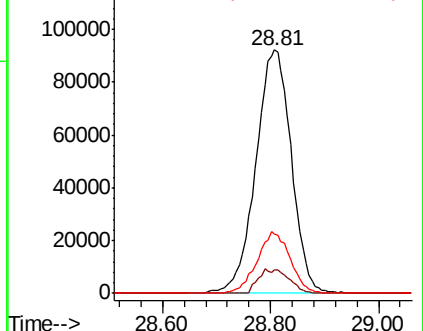
279 24.1 19.3 28.9



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: 40.368 ng

RT: 29.94 min Scan# 4569

Delta R.T. 0.00 min

Lab File: BG039016.D

Acq: 9 Jan 2019 11:39

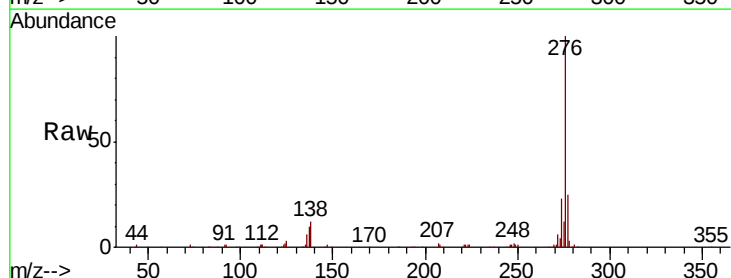
Tgt Ion:276 Resp: 410176

Ion Ratio Lower Upper

276 100

277 25.4 20.3 30.5

138 11.8 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

