

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011619\
 Data File : BG039178.D
 Acq On : 17 Jan 2019 4:50
 Operator : JU/SJ
 Sample : K1010-04MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMS

Quant Time: Jan 17 05:44:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	21218	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	90854	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	69404	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	173878	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	193485	20.00	ng	-0.02
87) Perylene-d12	24.95	264	202405	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	158363	141.58	ng	-0.01
7) Phenol-d6	7.18	99	200327	124.45	ng	-0.01
23) Nitrobenzene-d5	9.20	82	148956	89.71	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	159887	137.43	ng	-0.02
45) 2-Fluorobiphenyl	13.28	172	476511	93.96	ng	-0.01
79) Terphenyl-d14	20.01	244	847260	81.01	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.46	88	13668	31.205	ng	# 1
3) Pyridine	3.87	79	44301	37.222	ng	92
4) n-Nitrosodimethylamine	3.78	42	28471	53.160	ng	98
6) Aniline	7.35	93	17589	9.098	ng	98
8) 2-Chlorophenol	7.58	128	65483	49.665	ng	98
9) Benzaldehyde	7.16	77	18290	19.703	ng	94
10) Phenol	7.21	94	68068	42.178	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	53608	43.462	ng	94
12) 1,3-Dichlorobenzene	7.90	146	65533	41.484	ng	99
13) 1,4-Dichlorobenzene	8.05	146	65980	41.240	ng	98
14) 1,2-Dichlorobenzene	8.37	146	65291	42.802	ng	98
15) Benzyl Alcohol	8.26	79	61572	50.793	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	106808	45.159	ng	98
17) 2-Methylphenol	8.46	107	57340	51.169	ng	96
18) Hexachloroethane	9.09	117	23074	42.452	ng	94
19) n-Nitroso-di-n-propylamine	8.83	70	47119	44.576	ng	99
20) 3+4-Methylphenols	8.79	107	78657	49.231	ng	96
22) Acetophenone	8.85	105	100626	42.411	ng	# 99
24) Nitrobenzene	9.24	77	73983	44.084	ng	96
25) Isophorone	9.75	82	161485	56.462	ng	97
26) 2-Nitrophenol	9.95	139	42293	46.591	ng	97
27) 2,4-Dimethylphenol	10.00	122	68687	53.784	ng	94
28) bis(2-Chloroethoxy)methane	10.24	93	82687	48.105	ng	97
29) 2,4-Dichlorophenol	10.48	162	86077	54.254	ng	95
30) 1,2,4-Trichlorobenzene	10.69	180	83040	43.561	ng	98
31) Naphthalene	10.88	128	213470	46.847	ng	99
32) Benzoic acid	10.15	122	15897	25.703	ng	# 86
34) Hexachlorobutadiene	11.14	225	59191	45.125	ng	99
35) Caprolactam	11.79	113	11353	17.845	ng	97
36) 4-Chloro-3-methylphenol	12.12	107	120178	70.821	ng	92
37) 2-Methylnaphthalene	12.49	142	231040	67.628	ng	99
38) 1-Methylnaphthalene	12.70	142	209791	63.977	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	127948	49.088	ng	99
41) Hexachlorocyclopentadiene	12.82	237	127109	86.114	ng	99

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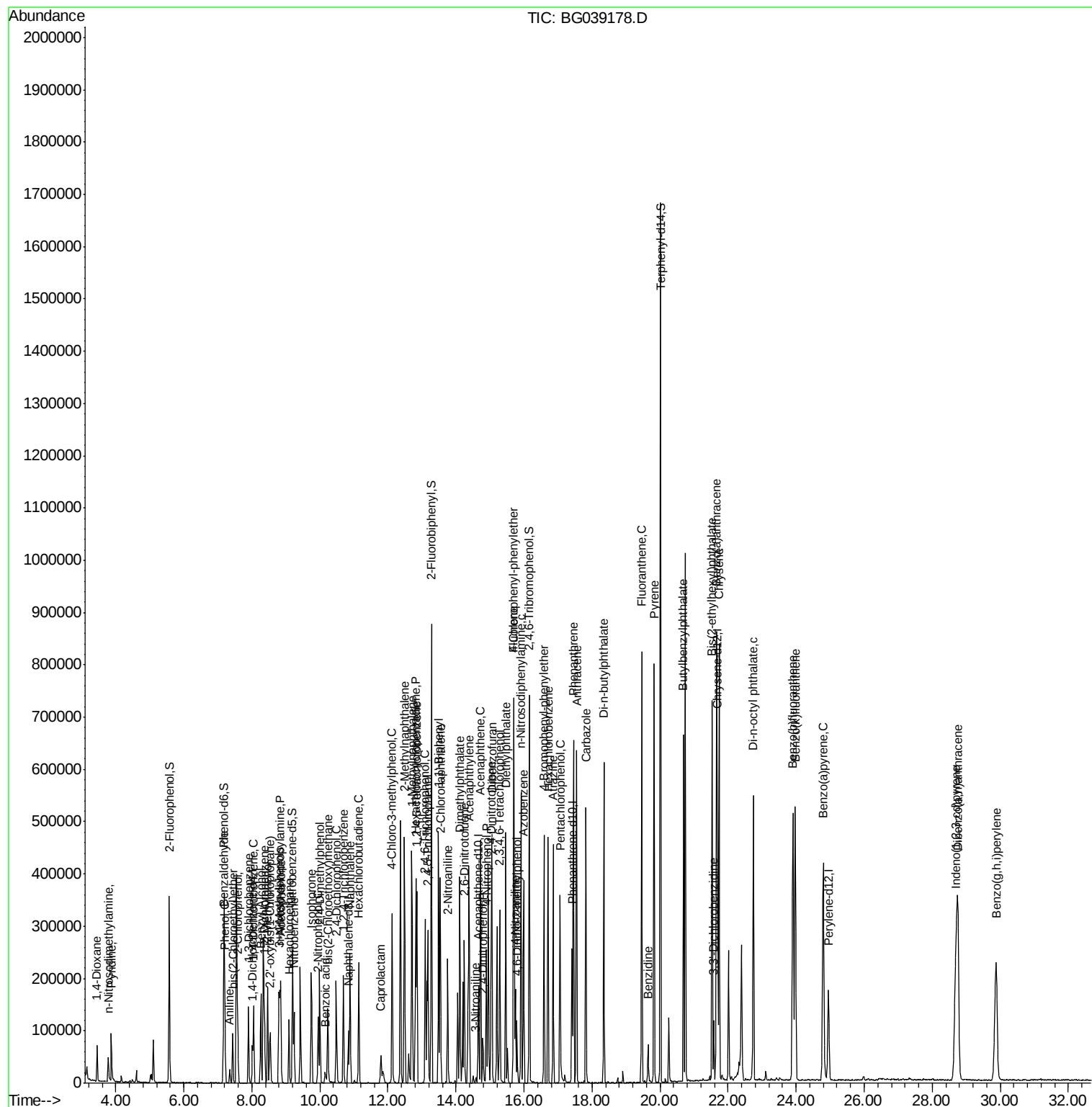
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.10	196	88387	53.879	ng	97
44) 2,4,5-Trichlorophenol	13.17	196	94707	54.622	ng	96
46) 1,1'-Biphenyl	13.49	154	267637	48.666	ng	99
47) 2-Chloronaphthalene	13.54	162	217490	48.871	ng	98
48) 2-Nitroaniline	13.76	65	65445	52.492	ng	92
49) Acenaphthylene	14.38	152	318415	47.602	ng	99
50) Dimethylphthalate	14.11	163	292964	49.952	ng	100
51) 2,6-Dinitrotoluene	14.25	165	61741	47.086	ng	97
52) Acenaphthene	14.72	154	183826	45.740	ng	97
53) 3-Nitroaniline	14.59	138	3292	2.475	ng	# 93
54) 2,4-Dinitrophenol	14.80	184	26265	36.634	ng	95
55) Dibenzofuran	15.06	168	319810	45.057	ng	100
56) 4-Nitrophenol	14.90	139	70430	73.587	ng	98
57) 2,4-Dinitrotoluene	15.04	165	83819	44.556	ng	95
58) Fluorene	15.71	166	258768	48.433	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	82064	50.140	ng	99
60) Diethylphthalate	15.47	149	272271	45.058	ng	98
61) 4-Chlorophenyl-phenylether	15.69	204	149473	44.407	ng	99
62) 4-Nitroaniline	15.75	138	50719	36.602	ng	91
63) Azobenzene	15.99	77	211390	44.734	ng	97
65) 4,6-Dinitro-2-methylphenol	15.79	198	33441	25.960	ng	96
66) n-Nitrosodiphenylamine	15.91	169	236510	45.883	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	102342	45.788	ng	99
68) Hexachlorobenzene	16.70	284	110818	45.437	ng	96
69) Atrazine	16.86	200	97266	44.419	ng	96
70) Pentachlorophenol	17.06	266	87167	59.451	ng	97
71) Phenanthrene	17.45	178	442993	48.200	ng	99
72) Anthracene	17.54	178	450562	49.583	ng	99
73) Carbazole	17.82	167	391209	43.610	ng	99
74) Di-n-butylphthalate	18.35	149	470267	47.123	ng	99
75) Fluoranthene	19.46	202	547594	48.062	ng	99
77) Benzidine	19.65	184	53433	9.029	ng	99
78) Pyrene	19.82	202	552471	44.805	ng	99
80) Butylbenzylphthalate	20.69	149	205854	43.894	ng	98
81) Benzo(a)anthracene	21.66	228	592342	50.291	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	48501	10.106	ng	# 92
83) Chrysene	21.73	228	555614	49.598	ng	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	320838	49.270	ng	97
85) Di-n-octyl phthalate	22.74	149	523014	47.500	ng	99
86) Indeno(1,2,3-cd)pyrene	28.70	276	650505	48.597	ng	# 96
88) Benzo(b)fluoranthene	23.90	252	554535	49.687	ng	99
89) Benzo(k)fluoranthene	23.97	252	544180	49.315	ng	99
90) Benzo(a)pyrene	24.80	252	538133	49.885	ng	99
91) Dibenzo(a,h)anthracene	28.75	278	541803	50.494	ng	99
92) Benzo(g,h,i)perylene	29.87	276	537911	50.638	ng	96

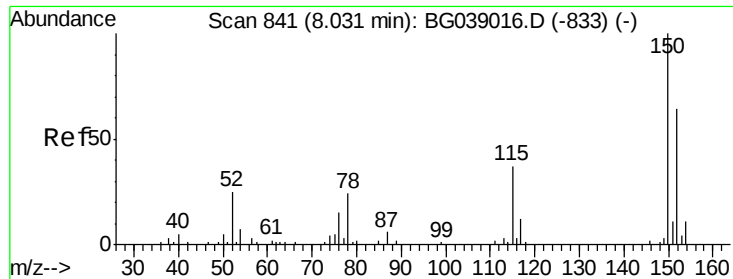
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 838

Delta R.T. -0.02 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMS

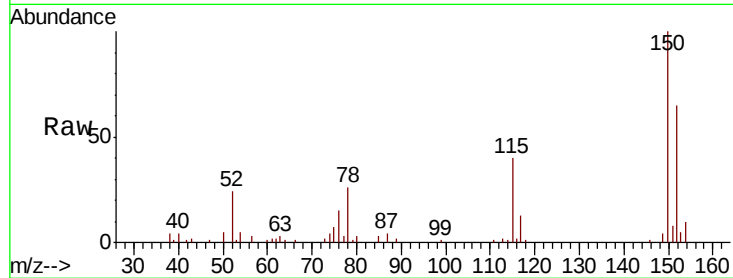
Tgt Ion:152 Resp: 21218

Ion Ratio Lower Upper

152 100

150 153.3 124.7 187.1

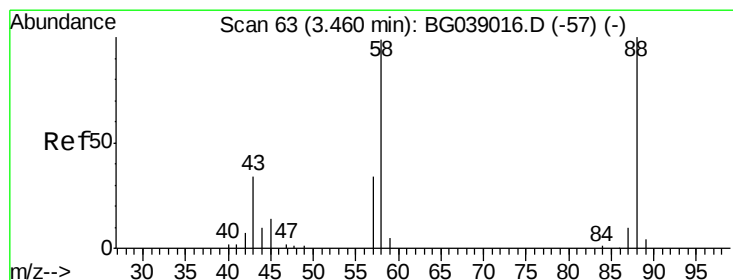
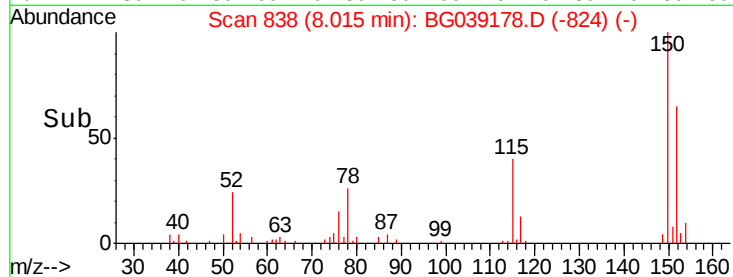
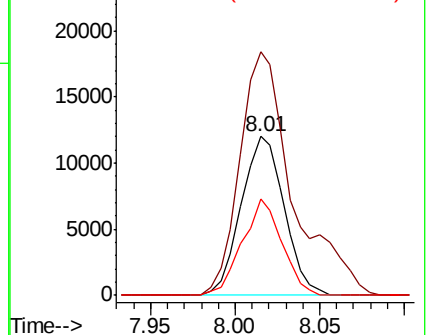
115 60.7 46.5 69.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.205 ng

RT: 3.46 min Scan# 62

Delta R.T. -0.00 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

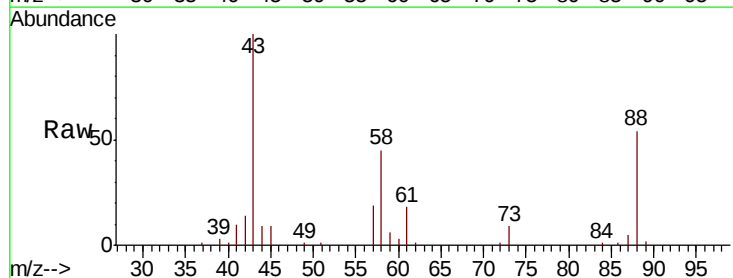
Tgt Ion: 88 Resp: 13668

Ion Ratio Lower Upper

88 100

58 99.0 72.4 108.6

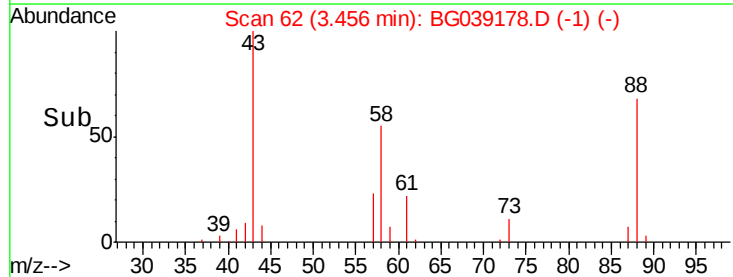
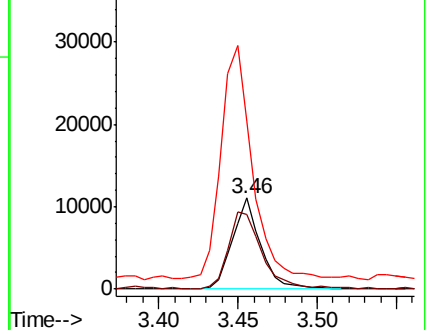
43 287.9 27.6 41.4#

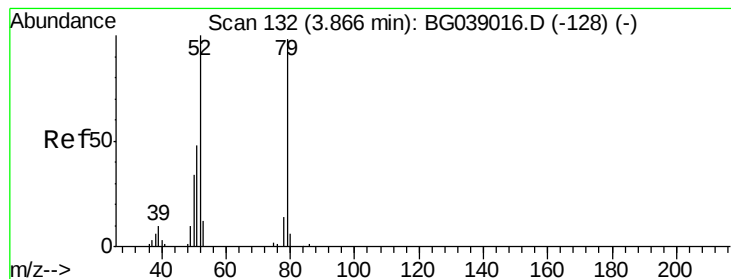


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 37.222 ng

RT: 3.87 min Scan# 132

Delta R.T. 0.00 min

Lab File: BG039178.D

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Instrument :

BNA_G

ClientSampleId :

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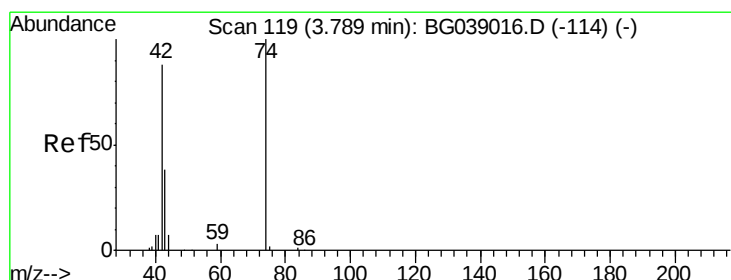
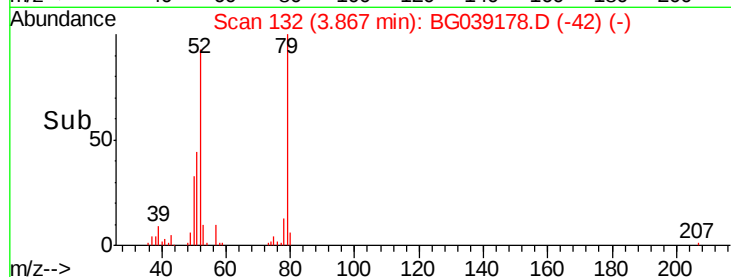
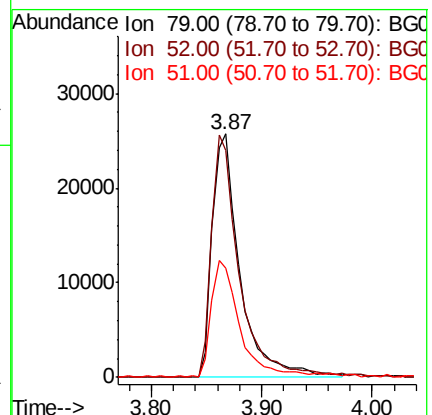
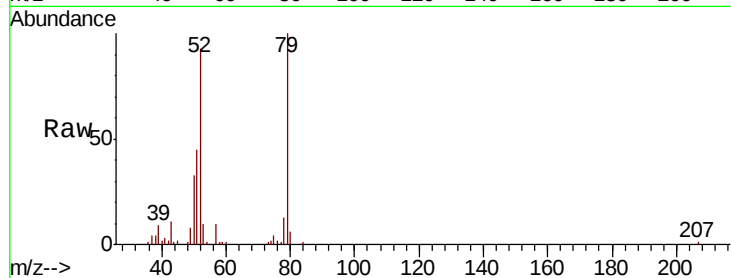
Tgt Ion: 79 Resp: 44301

Ion Ratio Lower Upper

79 100

52 93.3 81.5 122.3

51 44.7 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 53.160 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

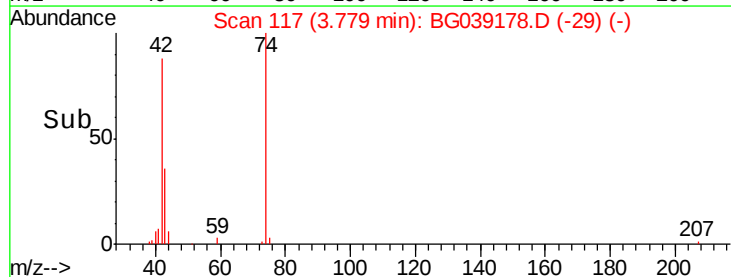
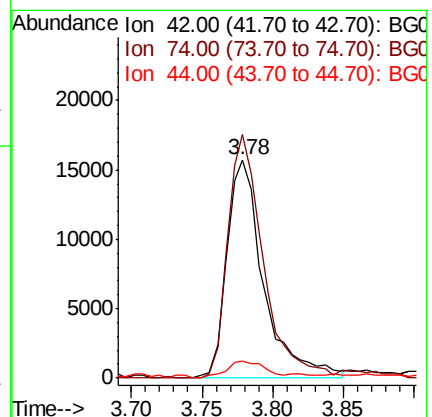
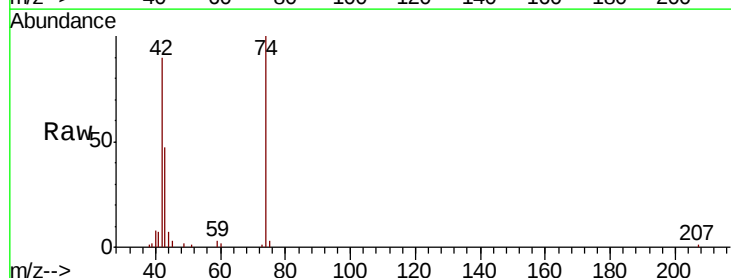
Tgt Ion: 42 Resp: 28471

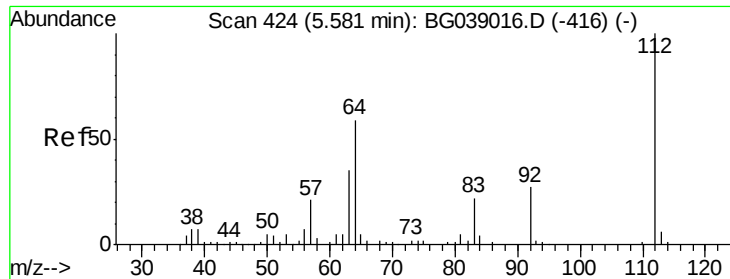
Ion Ratio Lower Upper

42 100

74 111.5 90.7 136.1

44 7.8 6.5 9.7

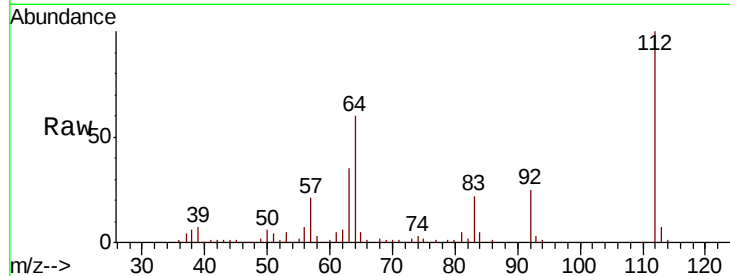




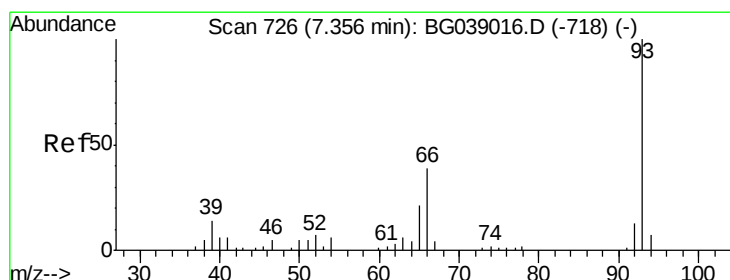
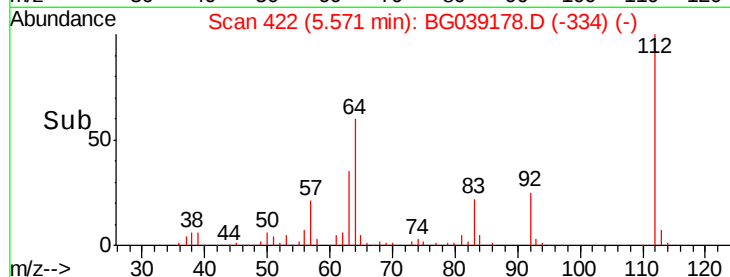
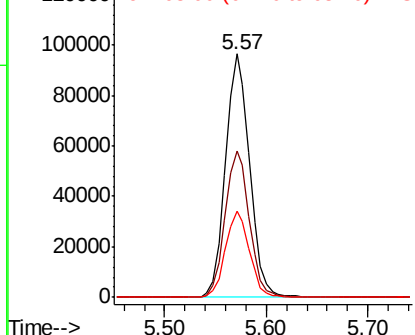
#5
 2-Fluorophenol
 Concen: 141.583 ng
 RT: 5.57 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Instrument :
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Tgt Ion: 112 Resp: 158363
 Ion Ratio Lower Upper
 112 100
 64 60.0 47.0 70.6
 63 35.3 28.0 42.0

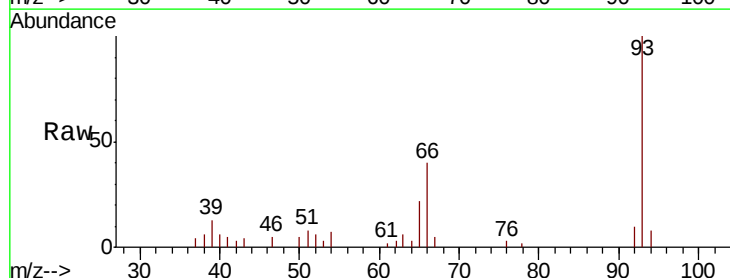


Abundance Ion 112.00 (111.70 to 112.70): BGC
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC

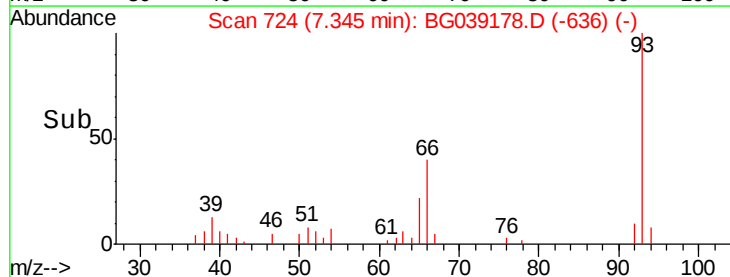
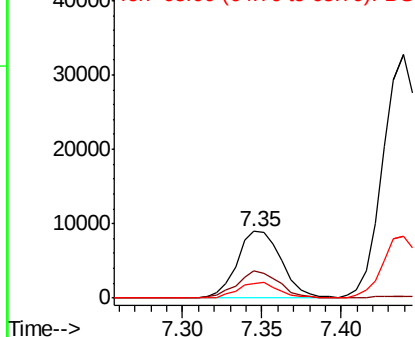


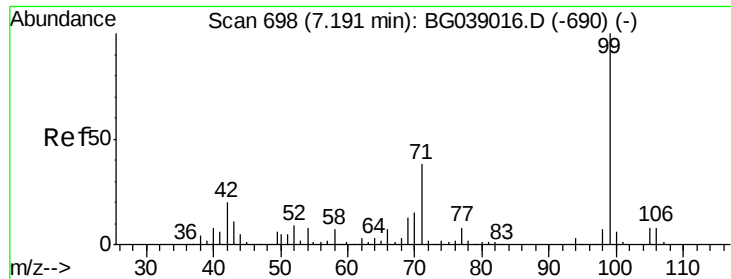
#6
 Aniline
 Concen: 9.098 ng
 RT: 7.35 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Tgt Ion: 93 Resp: 17589
 Ion Ratio Lower Upper
 93 100
 66 40.3 30.9 46.3
 65 22.0 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: 124.451 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

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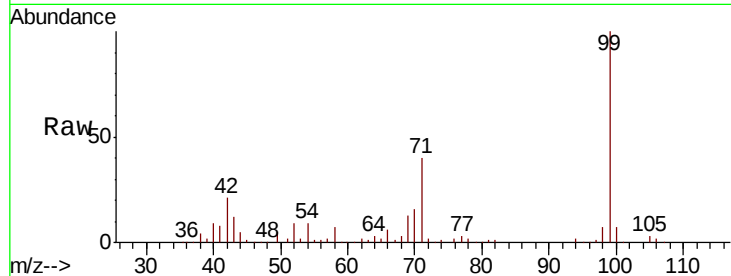
Tgt Ion: 99 Resp: 200327

Ion Ratio Lower Upper

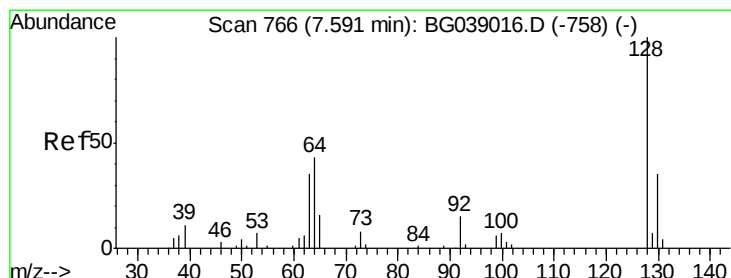
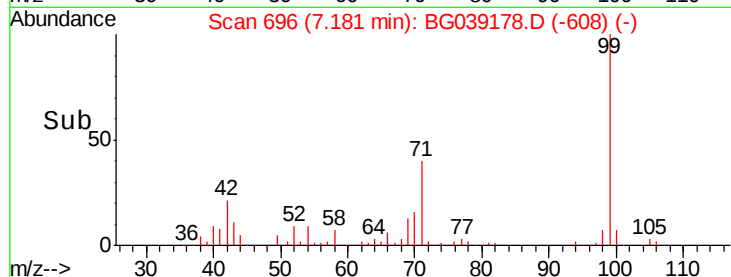
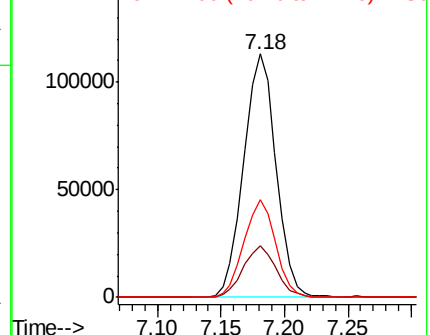
99 100

42 21.1 15.8 23.6

71 40.1 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: 49.665 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

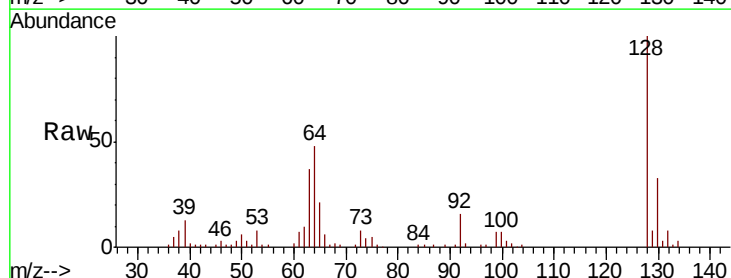
Tgt Ion: 128 Resp: 65483

Ion Ratio Lower Upper

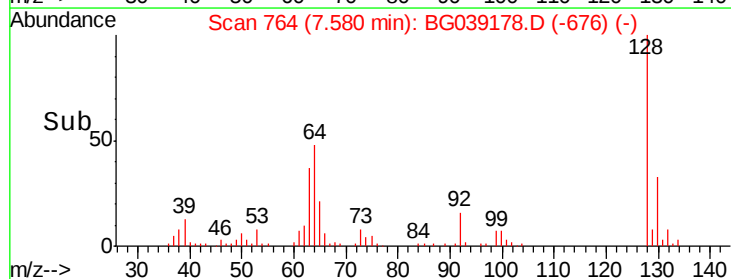
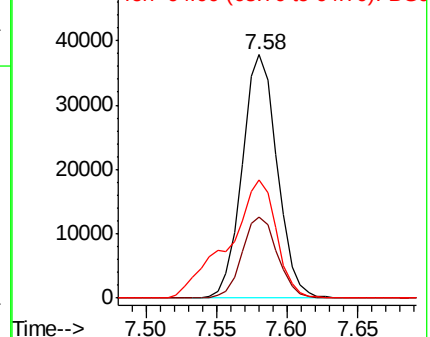
128 100

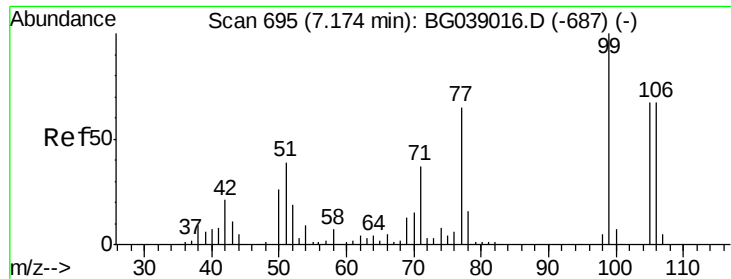
130 33.2 14.5 54.5

64 48.5 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: 19.703 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

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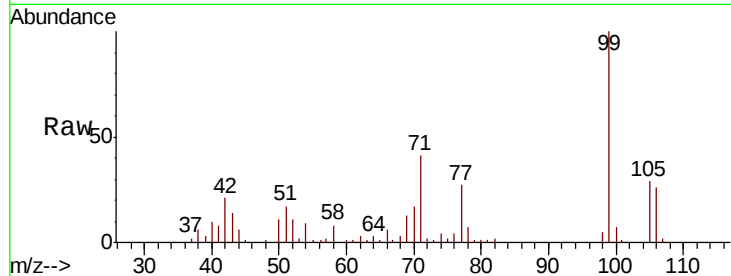
Tgt Ion: 77 Resp: 18290

Ion Ratio Lower Upper

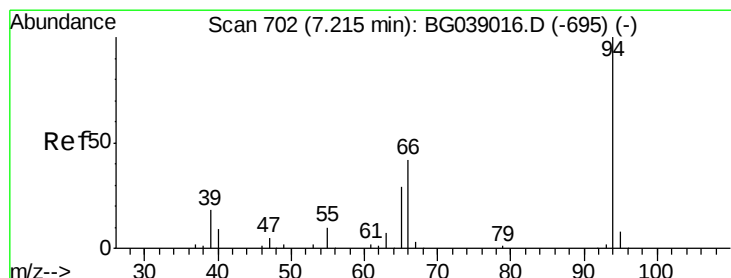
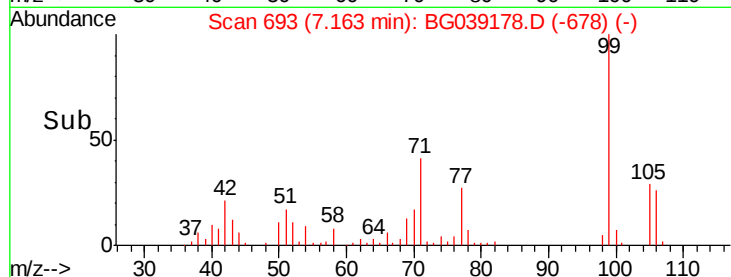
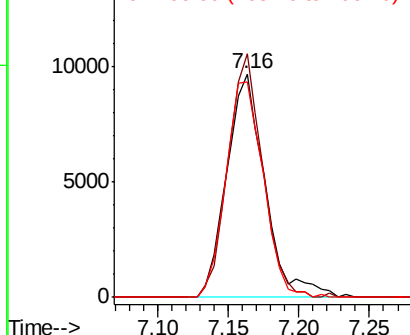
77 100

105 109.0 82.4 122.4

106 96.3 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: 42.178 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

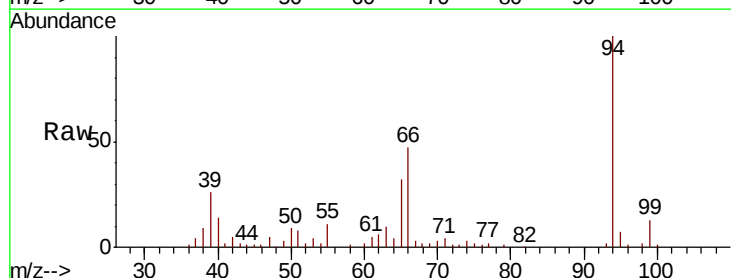
Tgt Ion: 94 Resp: 68068

Ion Ratio Lower Upper

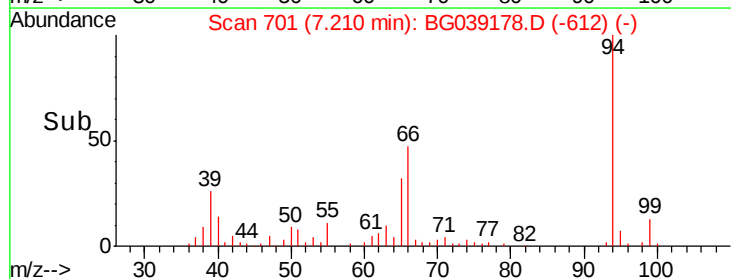
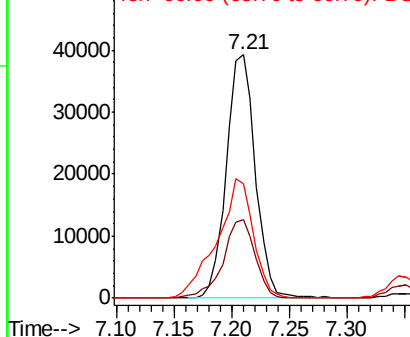
94 100

65 32.4 10.3 50.3

66 47.0 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: 43.462 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMS

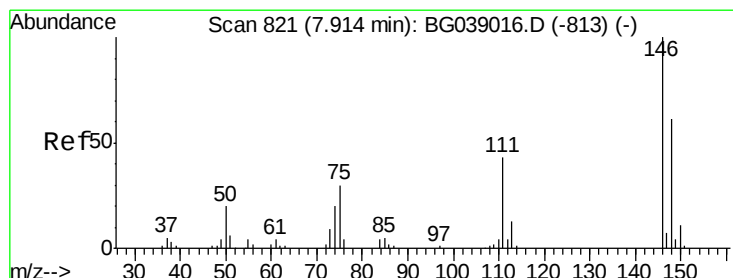
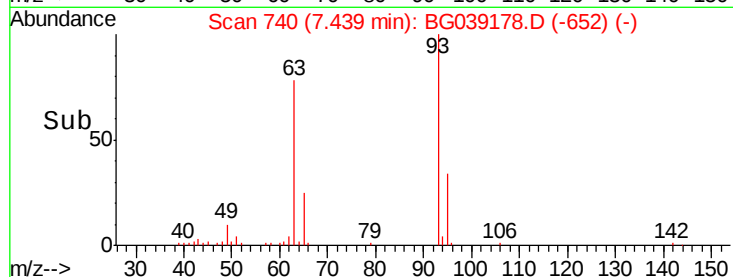
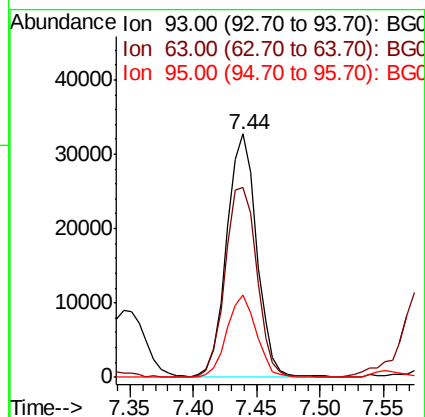
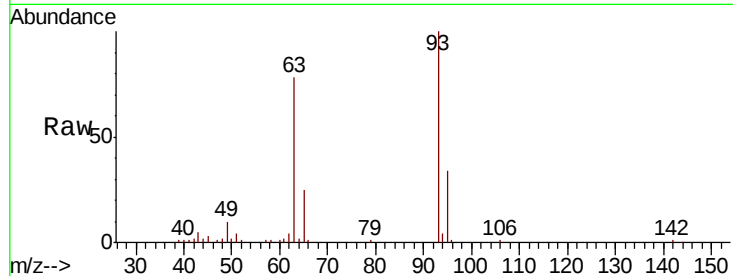
Tgt Ion: 93 Resp: 53608

Ion Ratio Lower Upper

93 100

63 77.8 63.2 103.2

95 33.9 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 41.484 ng

RT: 7.90 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

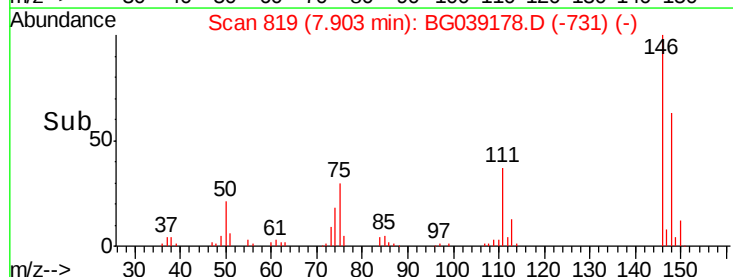
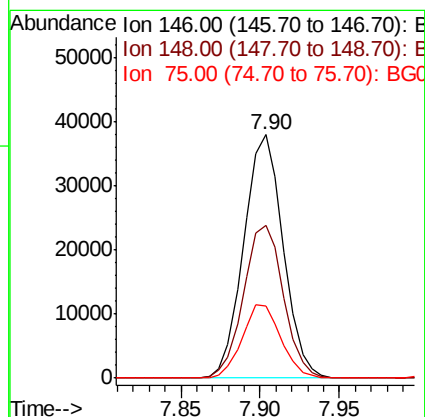
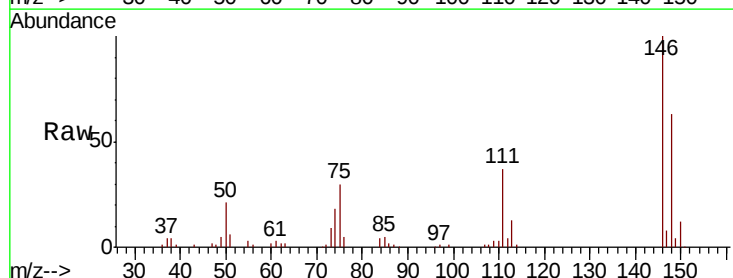
Tgt Ion: 146 Resp: 65533

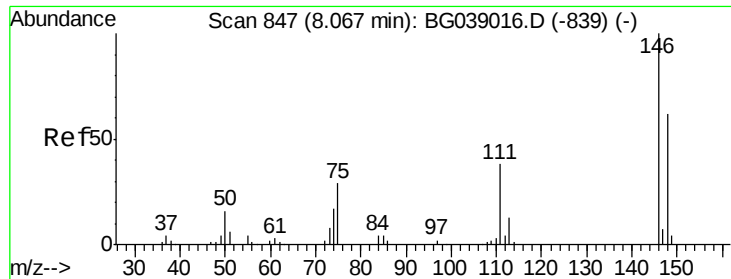
Ion Ratio Lower Upper

146 100

148 62.7 49.1 73.7

75 29.6 23.9 35.9

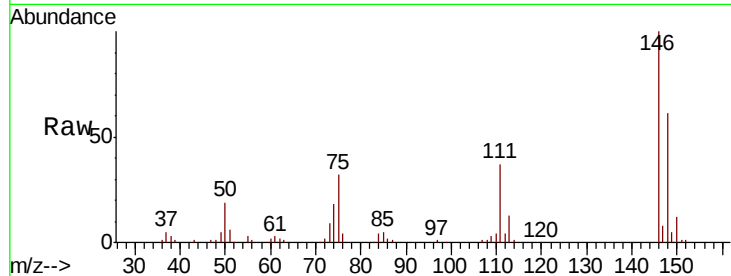




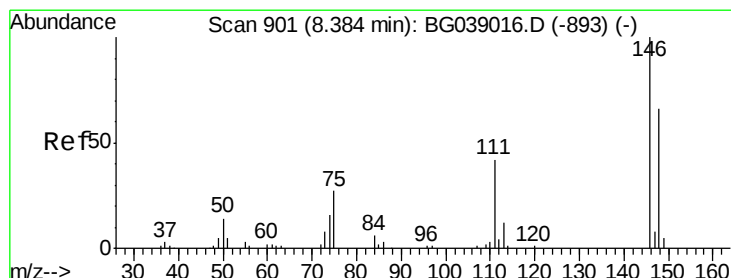
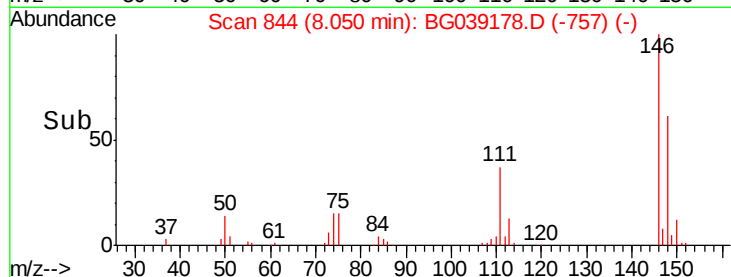
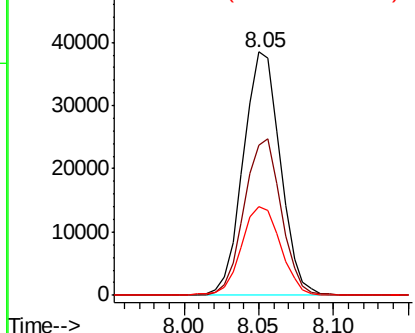
#13
 1,4-Dichlorobenzene
 Concen: 41.240 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMS

Tgt Ion:146 Resp: 65980
 Ion Ratio Lower Upper
 146 100
 148 61.5 49.8 74.6
 111 36.7 30.6 45.8

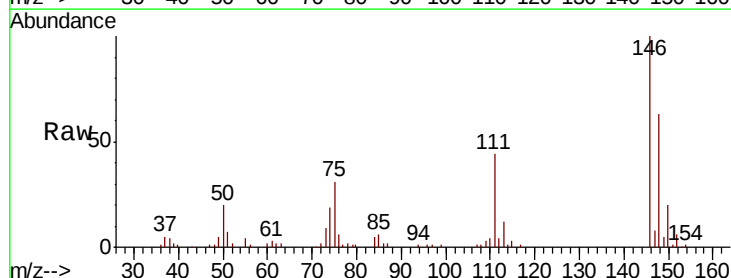


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

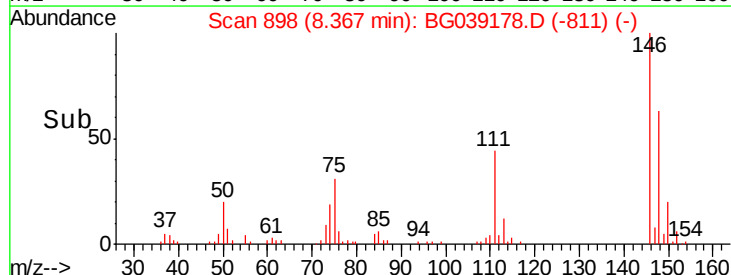
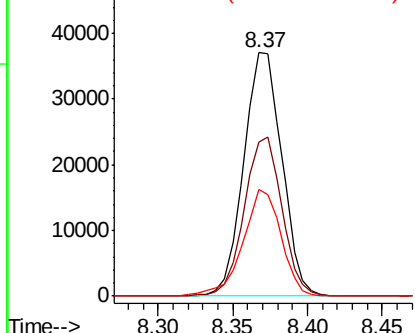


#14
 1,2-Dichlorobenzene
 Concen: 42.802 ng
 RT: 8.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Tgt Ion:146 Resp: 65291
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.6 79.0
 111 43.6 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: 50.793 ng

RT: 8.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMS

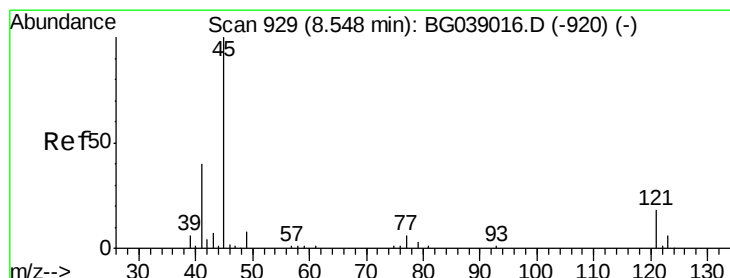
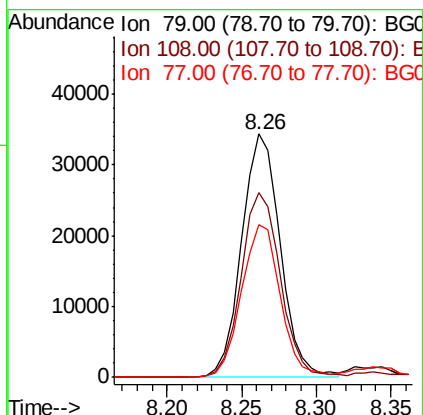
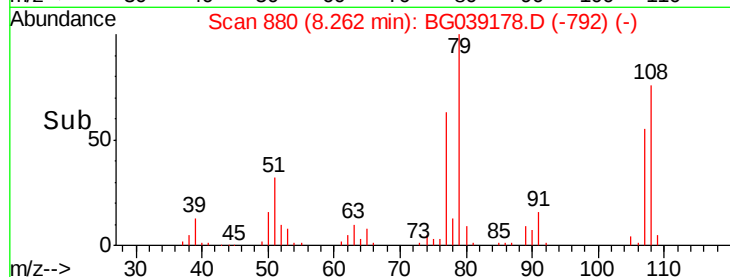
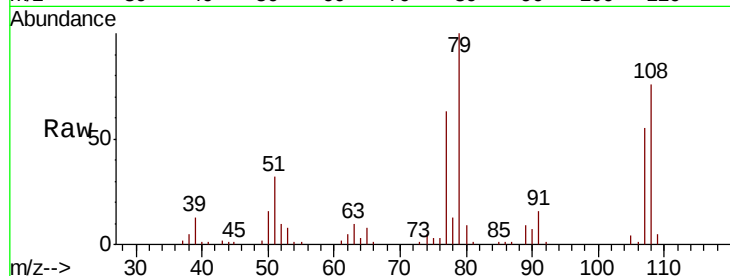
Tgt Ion: 79 Resp: 61572

Ion Ratio Lower Upper

79 100

108 75.8 62.0 93.0

77 62.7 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.159 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

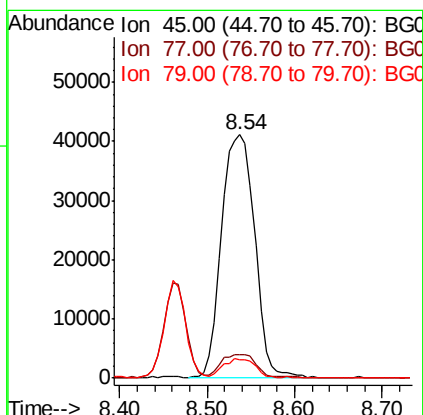
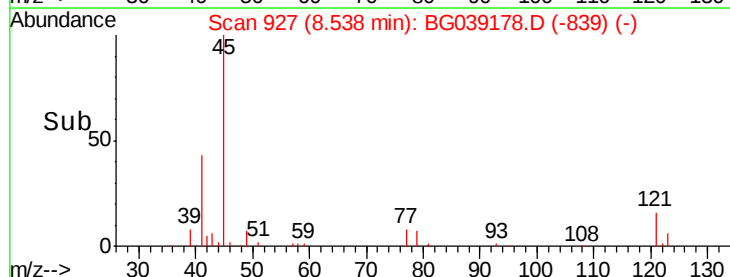
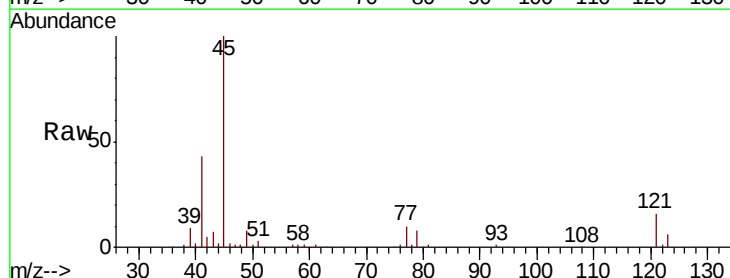
Tgt Ion: 45 Resp: 106808

Ion Ratio Lower Upper

45 100

77 9.7 0.0 30.7

79 7.8 0.0 28.5

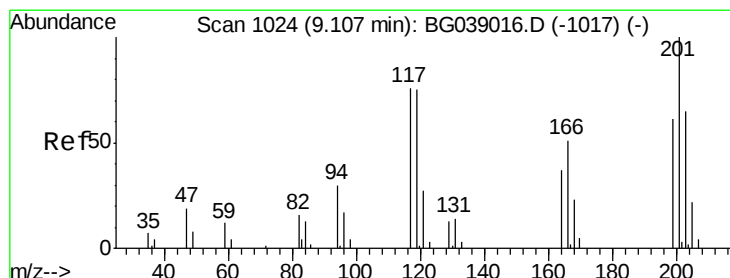
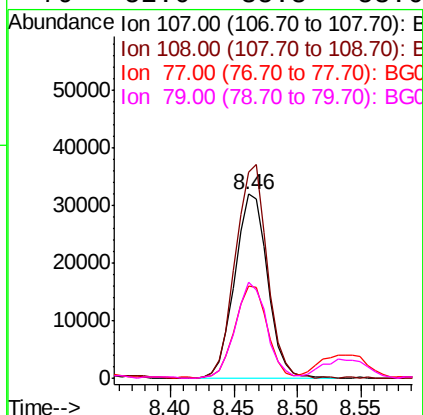
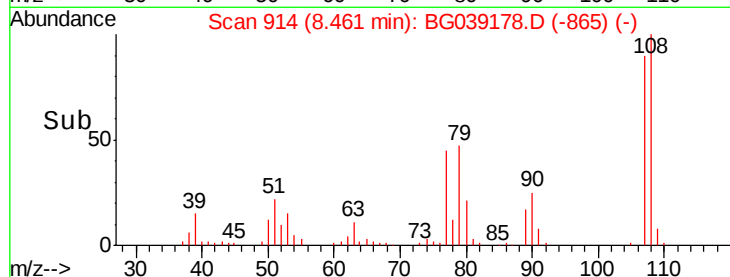
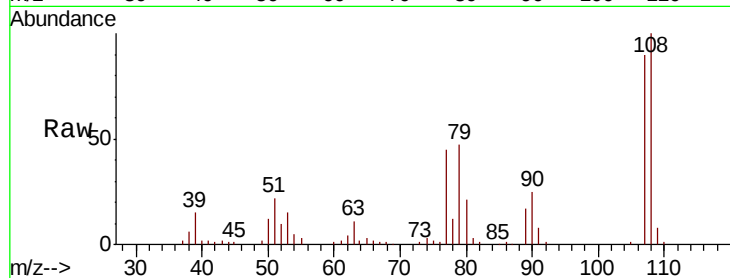




#17
2-Methylphenol
Concen: 51.169 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

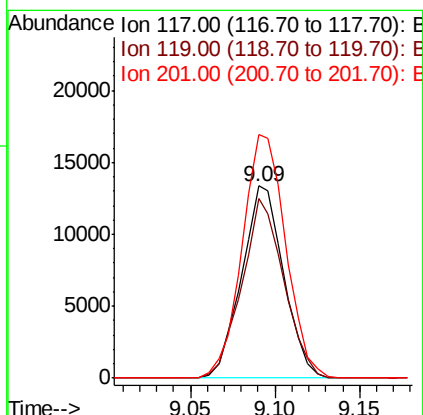
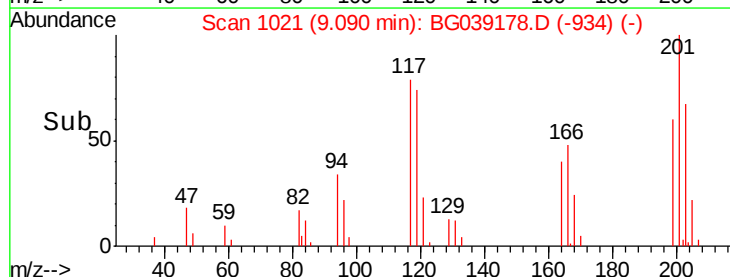
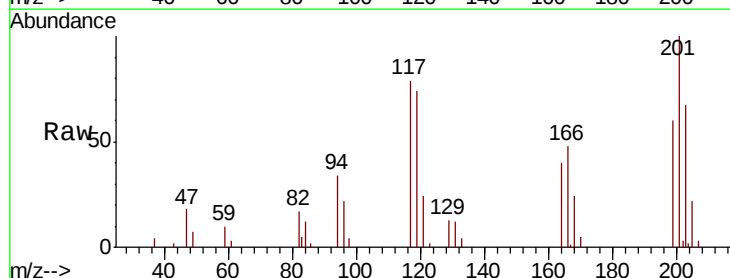
Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMS

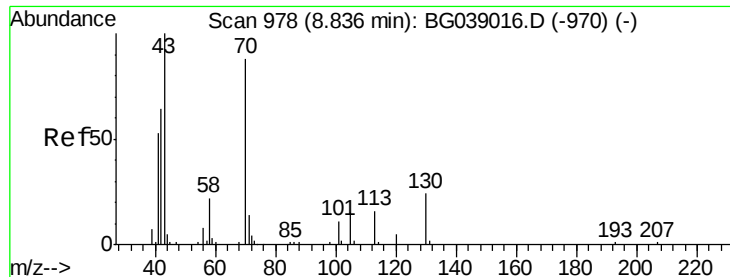
Tgt Ion:107 Resp: 57340
Ion Ratio Lower Upper
107 100
108 111.6 90.3 135.5
77 50.2 38.3 57.5
79 52.0 35.8 53.6



#18
Hexachloroethane
Concen: 42.452 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Tgt Ion:117 Resp: 23074
Ion Ratio Lower Upper
117 100
119 93.8 78.7 118.1
201 126.9 108.1 162.1

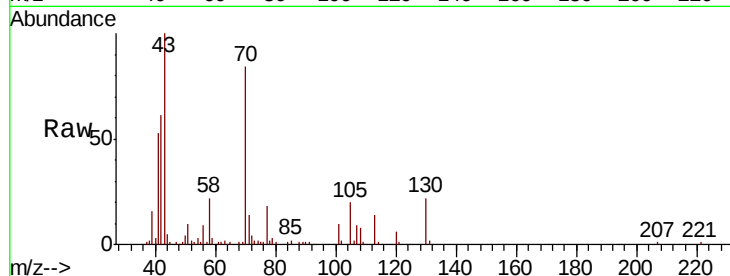




#19
n-Nitroso-di-n-propylamine
Concen: 44.576 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMS

Tgt Ion:	70	Resp:	47119
Ion	Ratio	Lower	Upper
70	100		
42	73.3	59.0	88.4
101	12.1	10.4	15.6
130	25.9	21.6	32.4



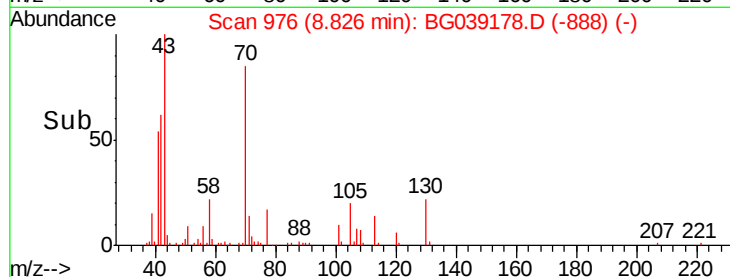
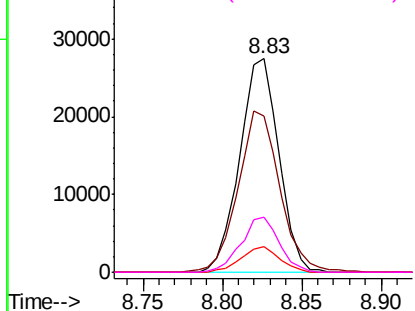
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 49.231 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Tgt Ion:	107	Resp:	78657
Ion	Ratio	Lower	Upper
107	100		
108	84.0	68.4	108.4
77	35.2	13.3	53.3
79	29.3	11.6	51.6

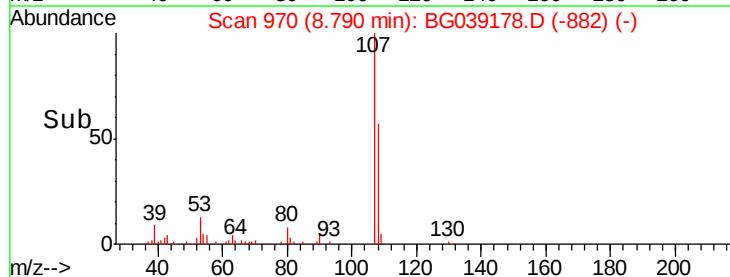
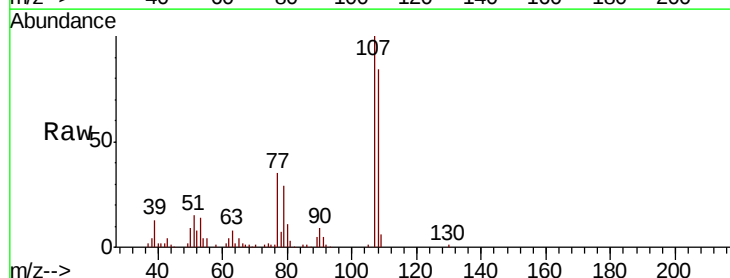
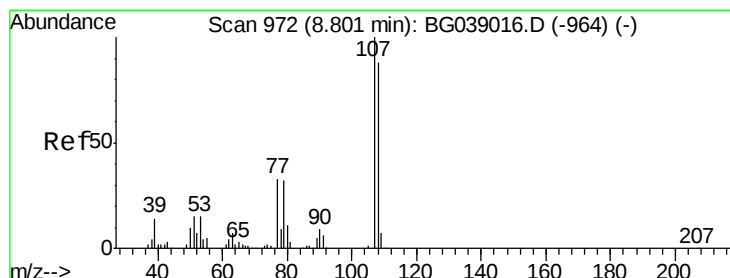
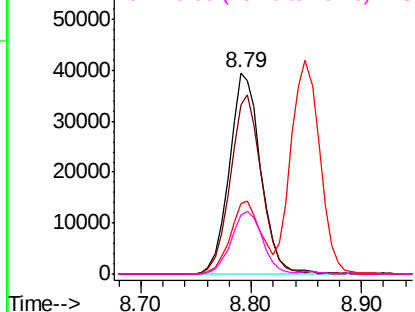
Abundance

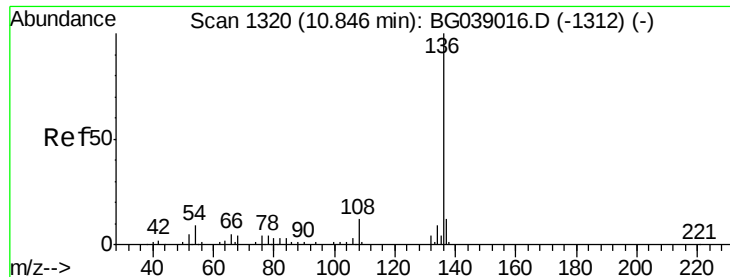
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

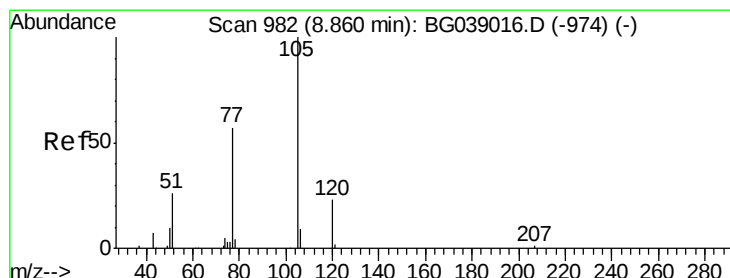
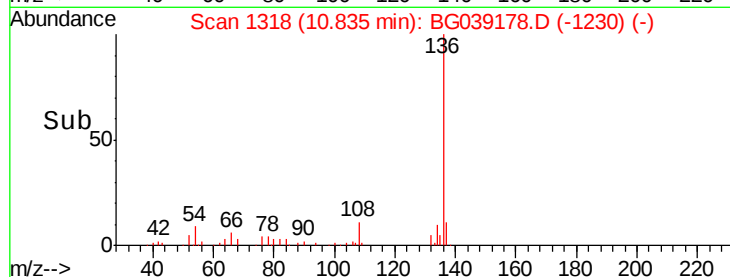
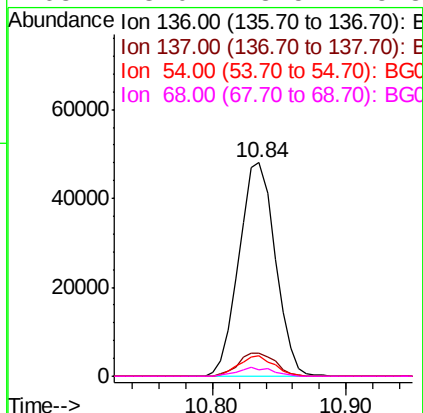
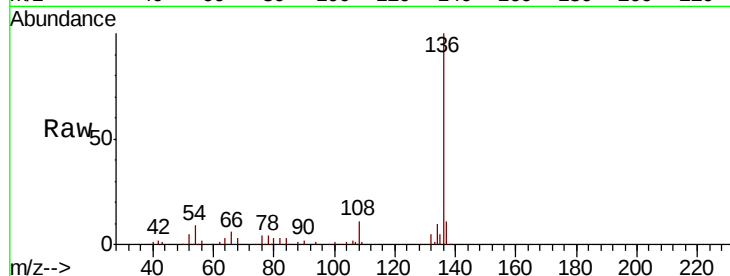




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

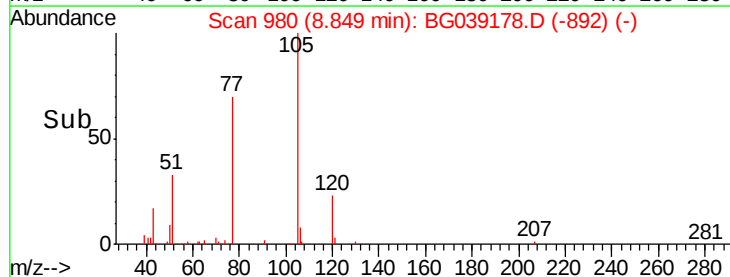
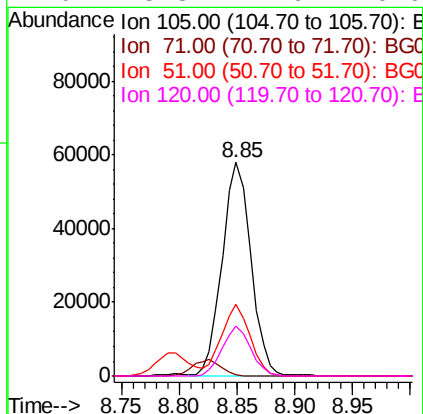
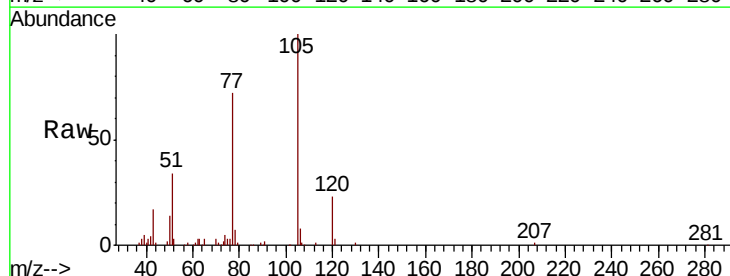
Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMS

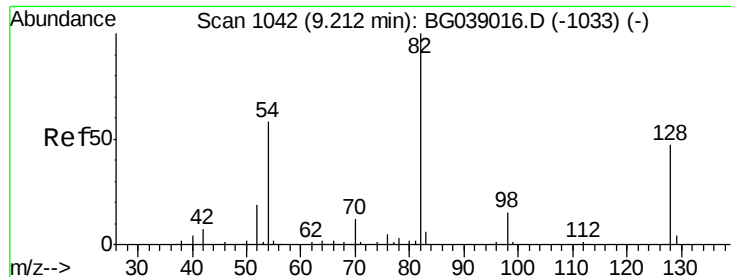
Tgt Ion:	136	Resp:	90854
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.4	14.2
54	9.4	7.2	10.8
68	3.0	3.5	5.3#



#22
Acetophenone
Concen: 42.411 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Tgt Ion:	105	Resp:	100626
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.6	1.0#
51	33.5	26.6	39.8
120	23.3	17.9	26.9

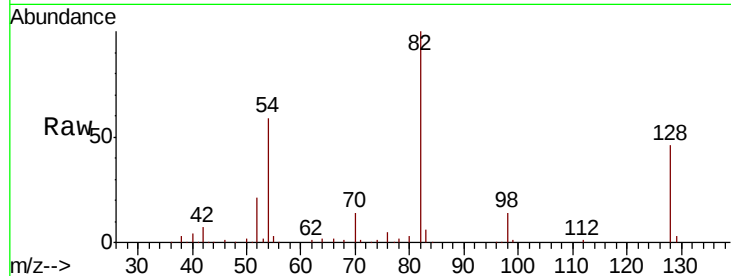




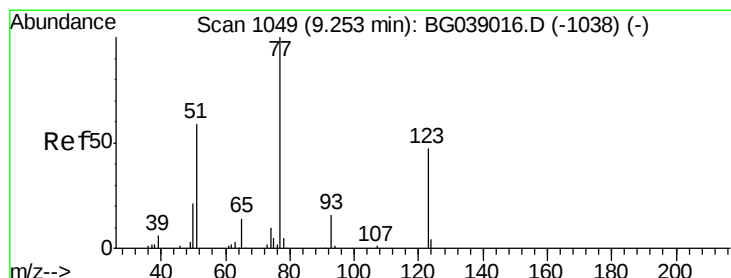
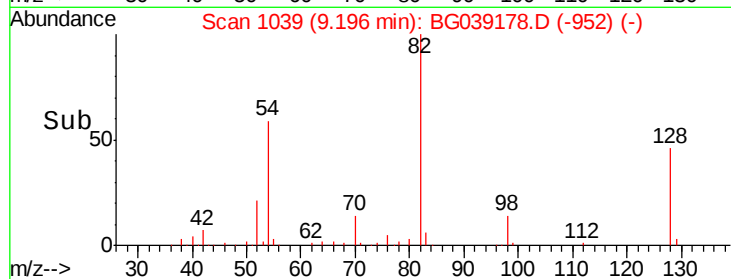
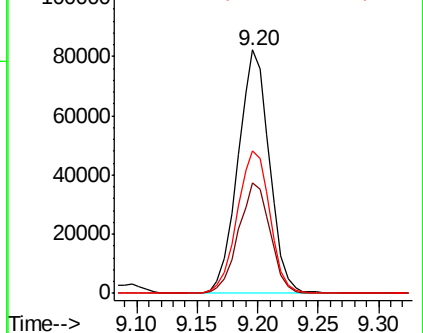
#23
 Nitrobenzene-d5
 Concen: 89.713 ng
 RT: 9.20 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMS

Tgt Ion: 82 Resp: 148956
 Ion Ratio Lower Upper
 82 100
 128 45.6 37.3 55.9
 54 58.8 46.4 69.6

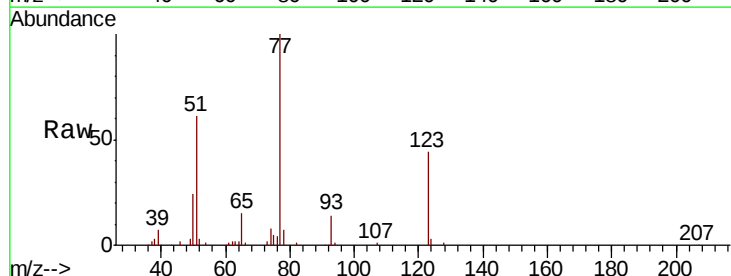


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

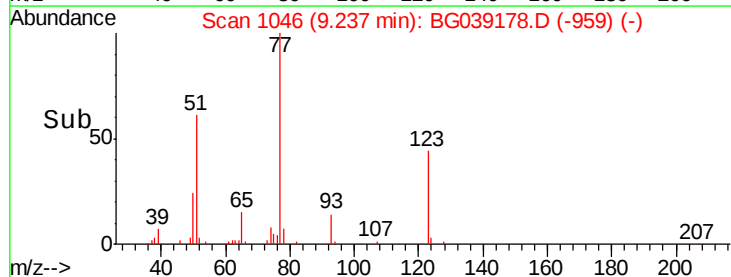
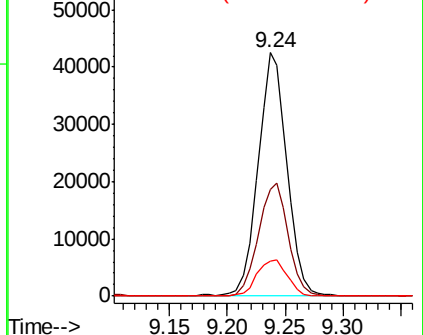


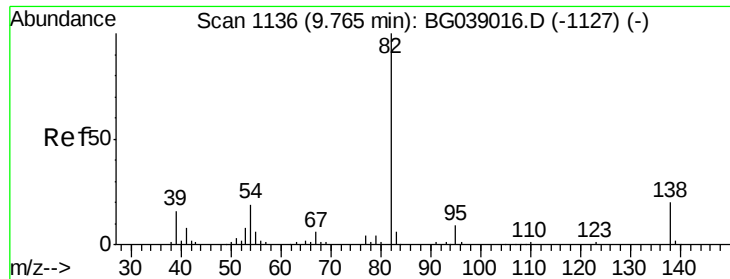
#24
 Nitrobenzene
 Concen: 44.084 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.02 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Tgt Ion: 77 Resp: 73983
 Ion Ratio Lower Upper
 77 100
 123 43.9 37.6 56.4
 65 14.6 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: 56.462 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMS

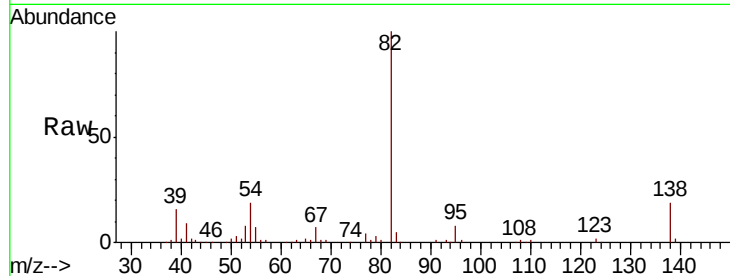
Tgt Ion: 82 Resp: 161485

Ion Ratio Lower Upper

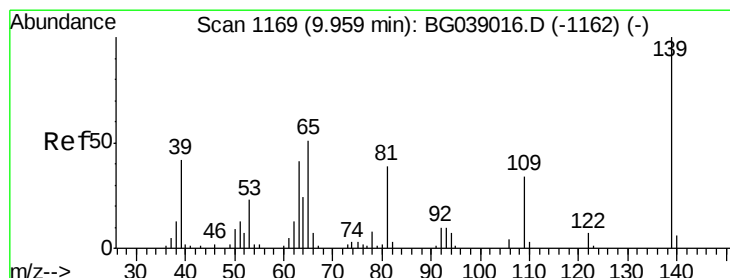
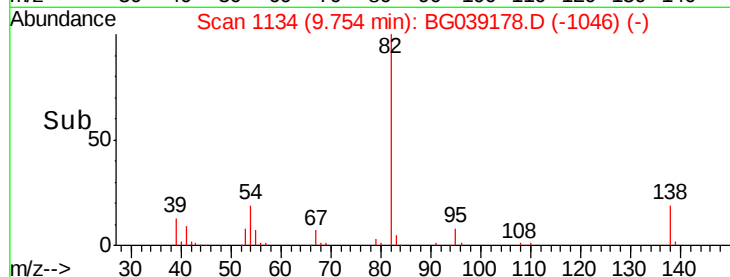
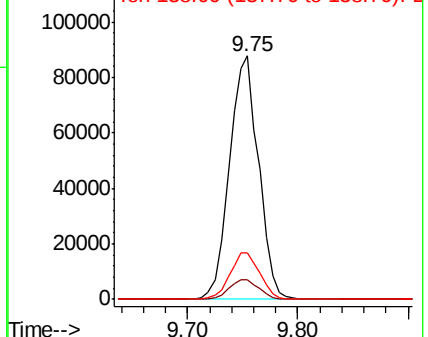
82 100

95 7.8 7.0 10.6

138 18.9 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: 46.591 ng

RT: 9.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

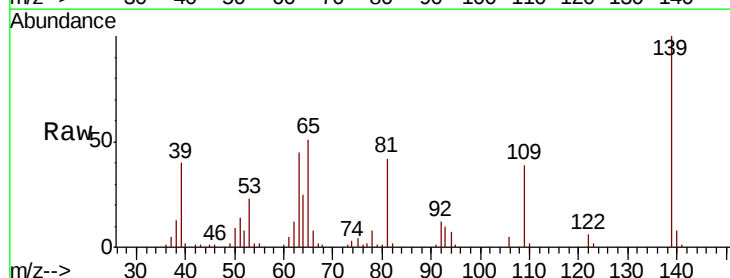
Tgt Ion: 139 Resp: 42293

Ion Ratio Lower Upper

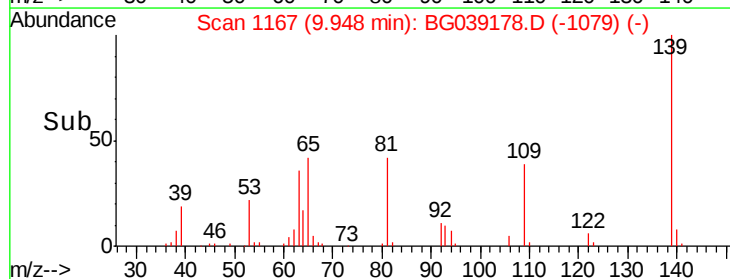
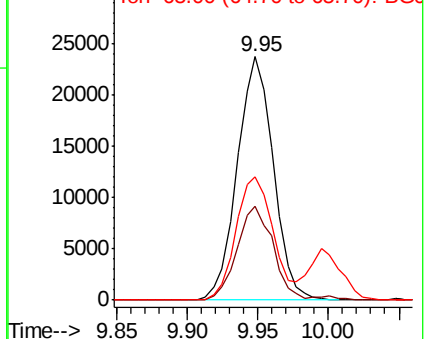
139 100

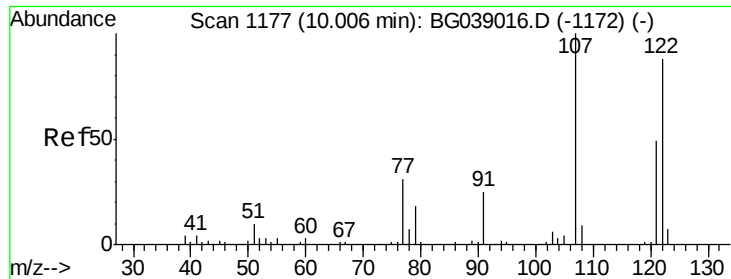
109 38.5 27.3 40.9

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

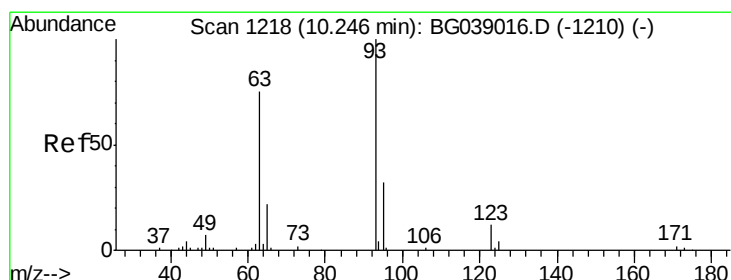
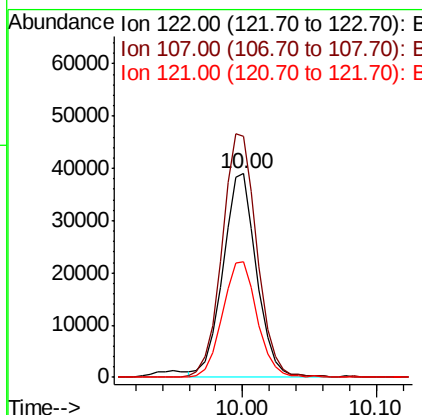
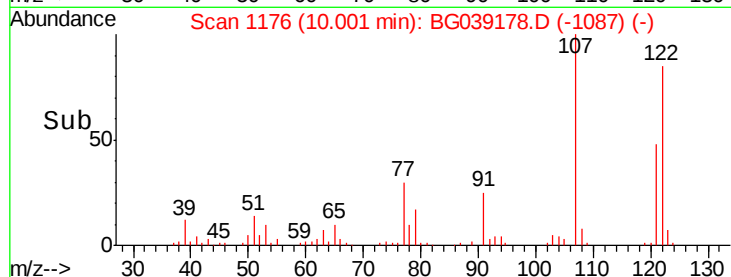
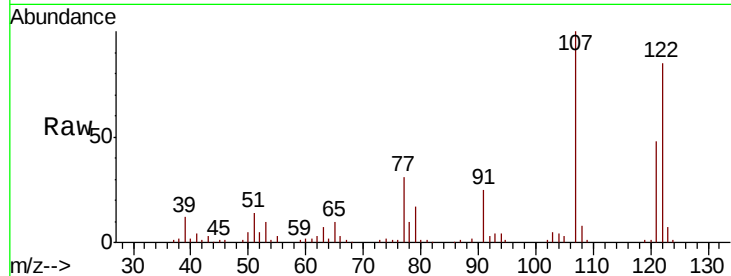




#27
 2,4-Dimethylphenol
 Concen: 53.784 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

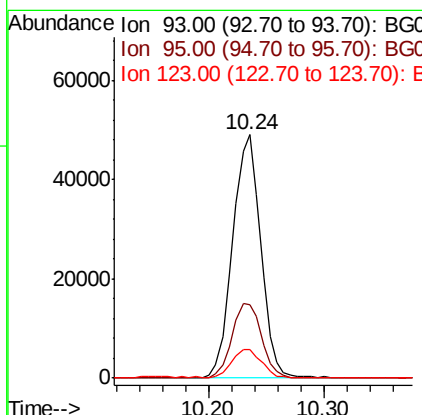
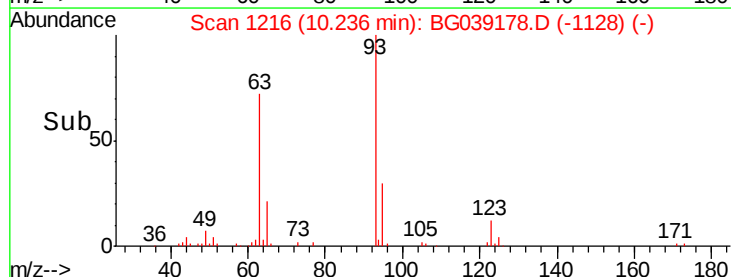
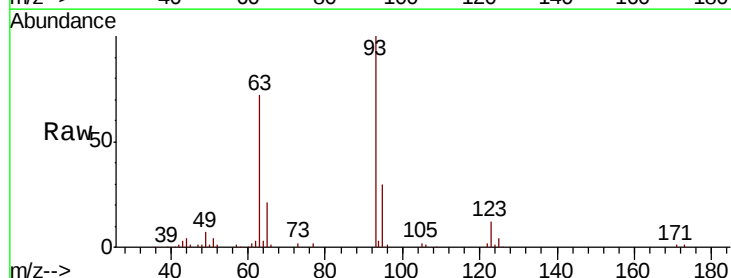
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMS

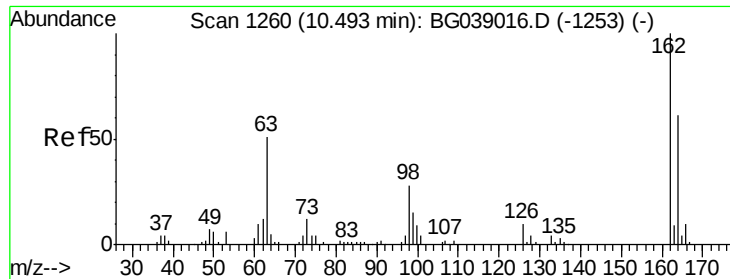
Tgt Ion: 122 Resp: 68687
 Ion Ratio Lower Upper
 122 100
 107 118.2 88.8 133.2
 121 56.6 43.1 64.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.105 ng
 RT: 10.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Tgt Ion: 93 Resp: 82687
 Ion Ratio Lower Upper
 93 100
 95 30.3 25.6 38.4
 123 11.9 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 54.254 ng

RT: 10.48 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMS

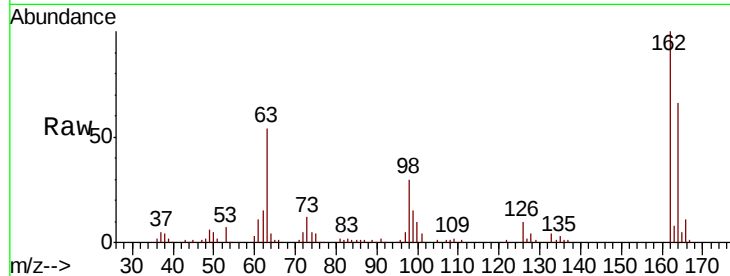
Tgt Ion:162 Resp: 86077

Ion Ratio Lower Upper

162 100

164 65.9 41.3 81.3

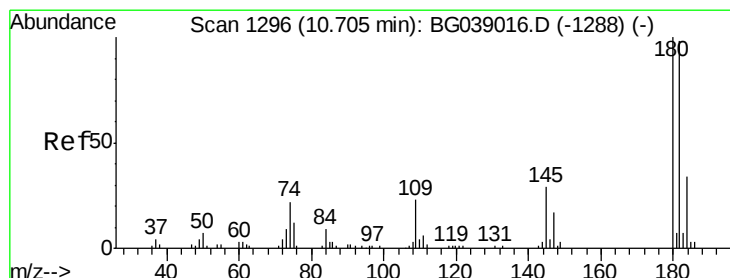
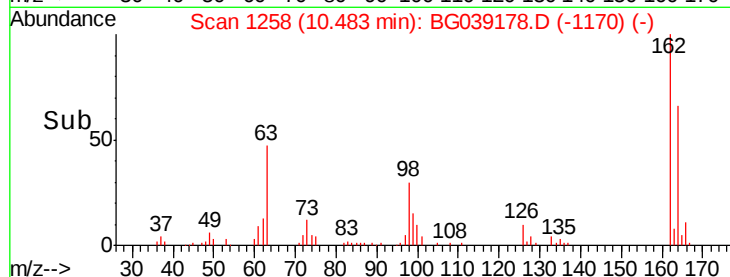
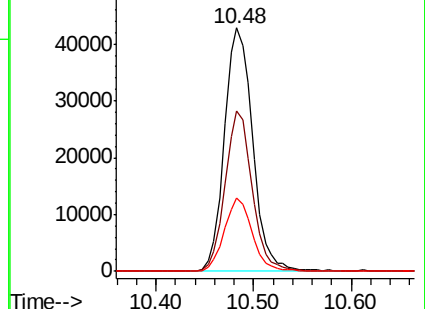
98 29.9 8.3 48.3



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): B



#30

1,2,4-Trichlorobenzene

Concen: 43.561 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

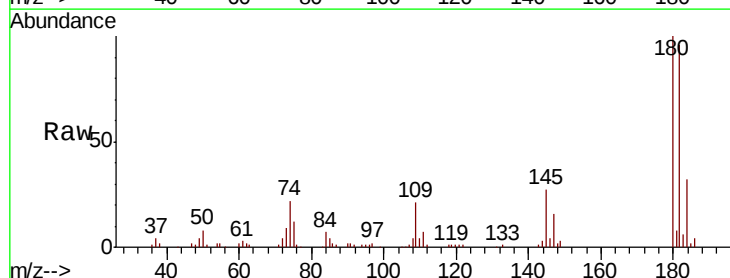
Tgt Ion:180 Resp: 83040

Ion Ratio Lower Upper

180 100

182 96.0 78.1 117.1

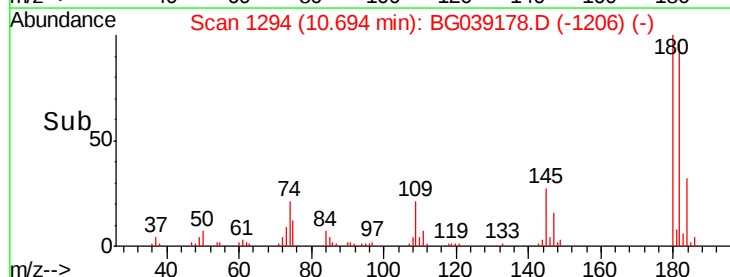
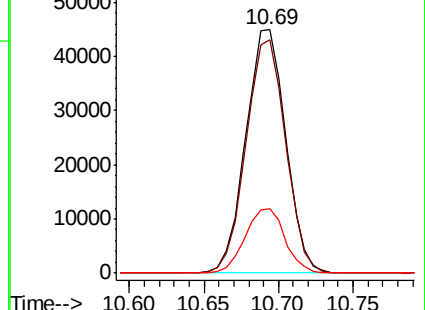
145 26.6 23.1 34.7

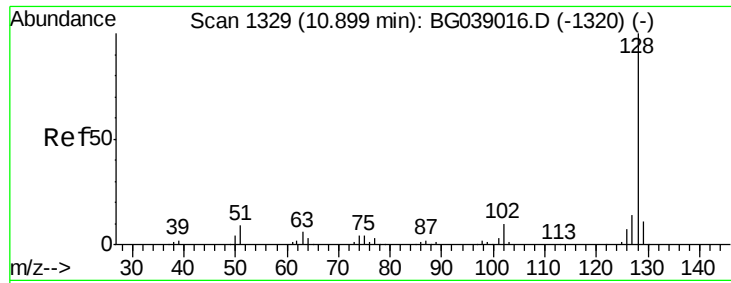


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

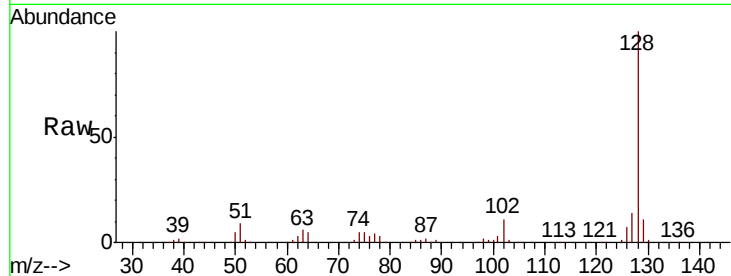




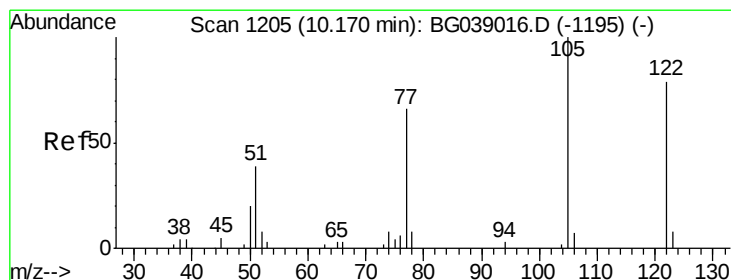
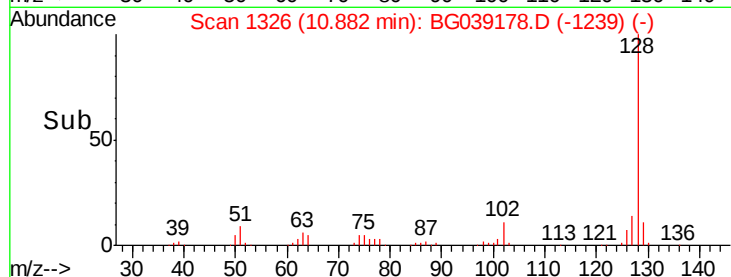
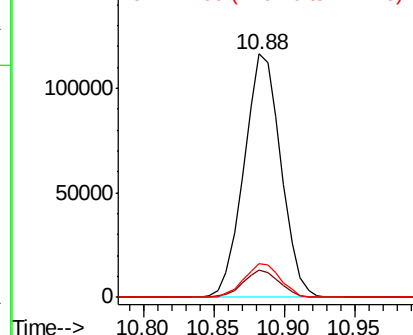
#31
Naphthalene
Concen: 46.847 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMS

Tgt Ion:128 Resp: 213470
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.9 11.2 16.8

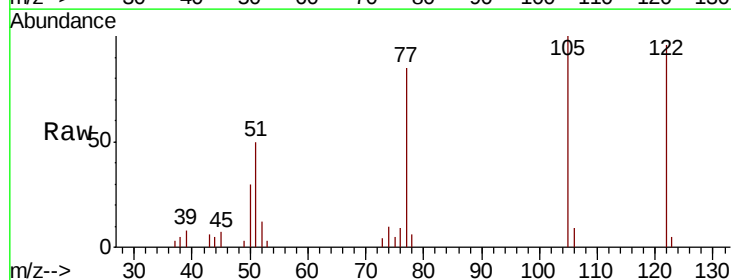


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

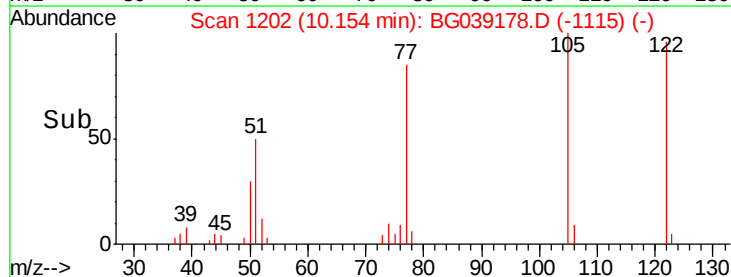
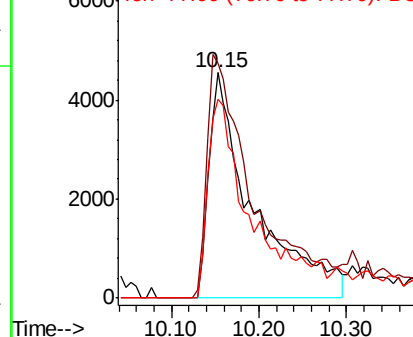


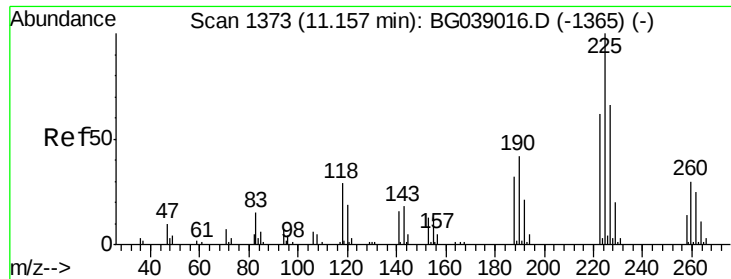
#32
Benzoic acid
Concen: 25.703 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Tgt Ion:122 Resp: 15897
Ion Ratio Lower Upper
122 100
105 104.4 106.4 146.4#
77 88.2 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

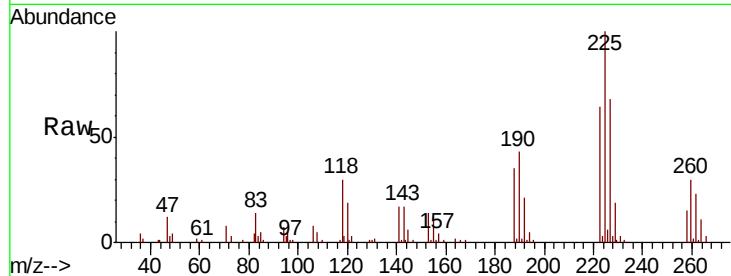




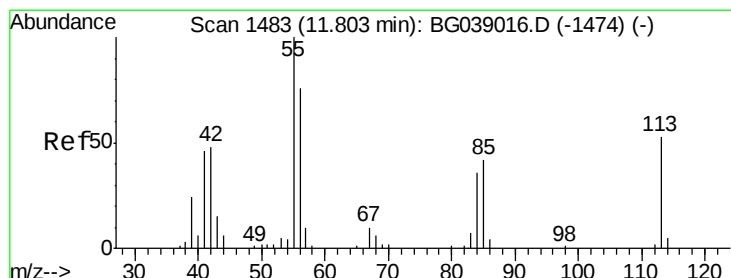
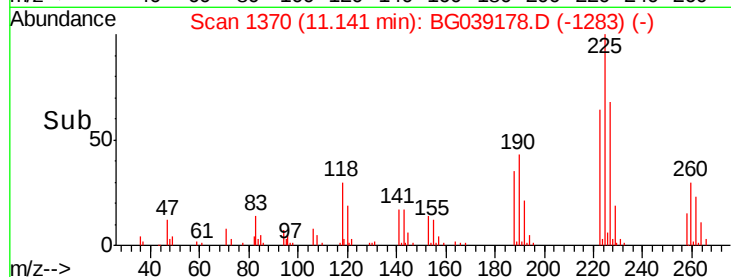
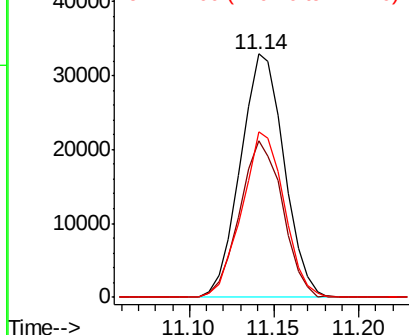
#34
Hexachlorobutadiene
Concen: 45.125 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMS

Tgt Ion: 225 Resp: 59191
Ion Ratio Lower Upper
225 100
223 63.7 50.2 75.4
227 67.4 53.2 79.8

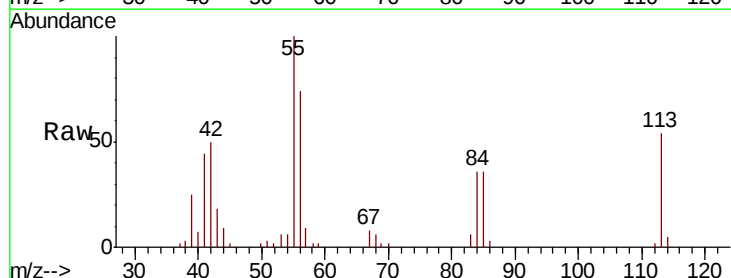


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

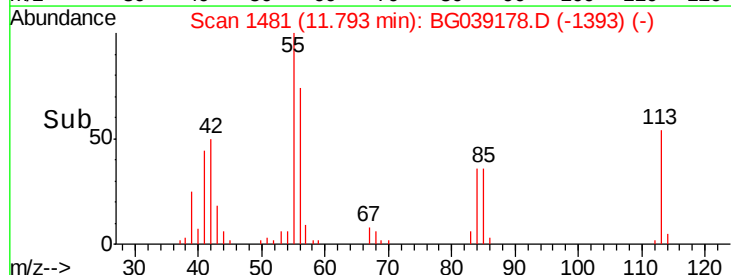
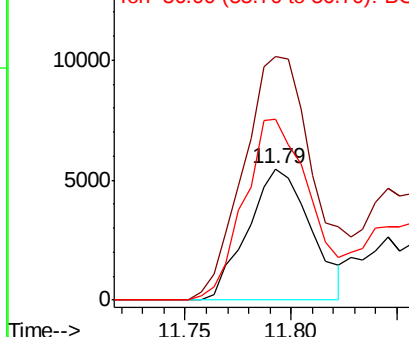


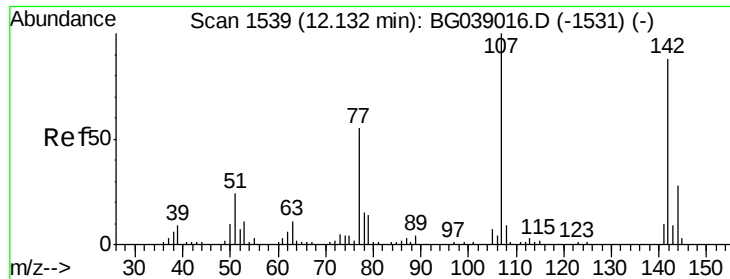
#35
Caprolactam
Concen: 17.845 ng
RT: 11.79 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Tgt Ion: 113 Resp: 11353
Ion Ratio Lower Upper
113 100
55 185.0 168.6 208.6
56 137.6 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC

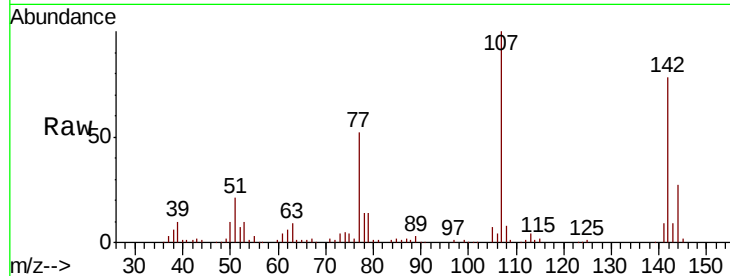




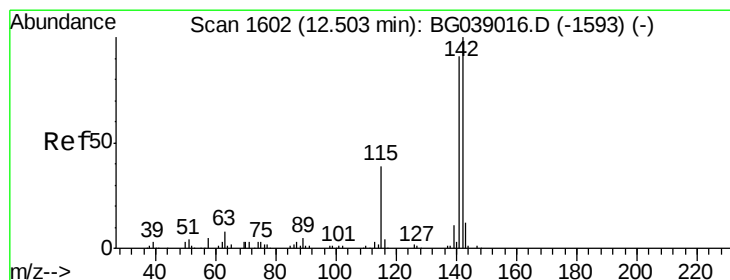
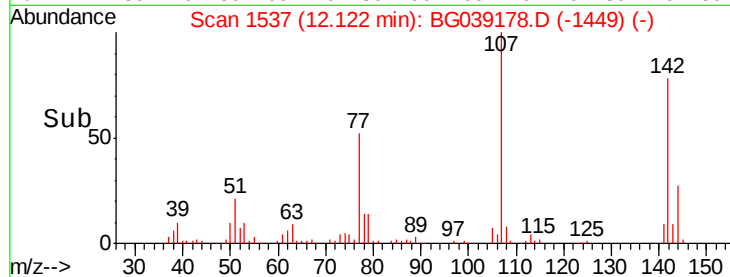
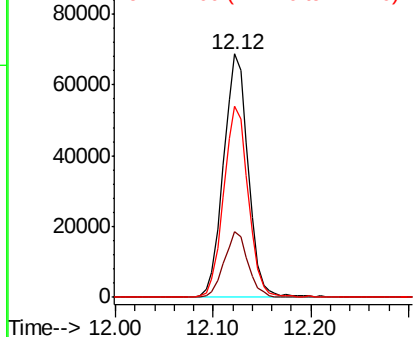
#36
 4-Chloro-3-methylphenol
 Concen: 70.821 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMS

Tgt Ion:107 Resp: 120178
 Ion Ratio Lower Upper
 107 100
 144 27.2 22.6 34.0
 142 78.3 70.2 105.4

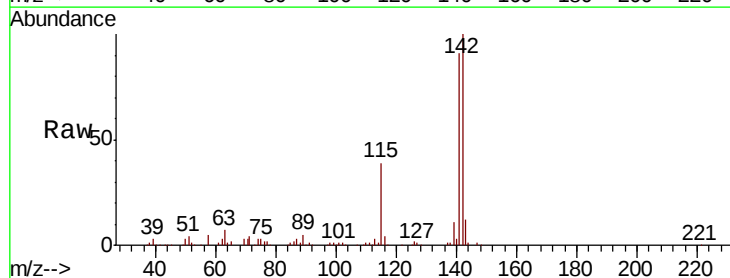


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

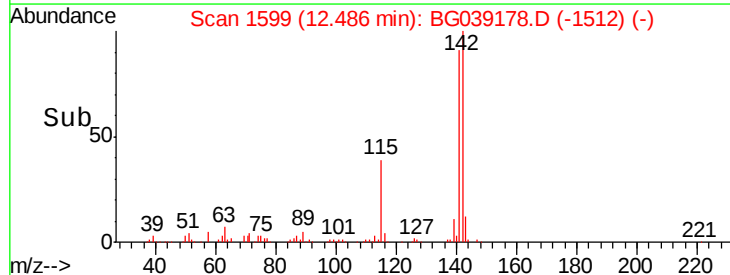
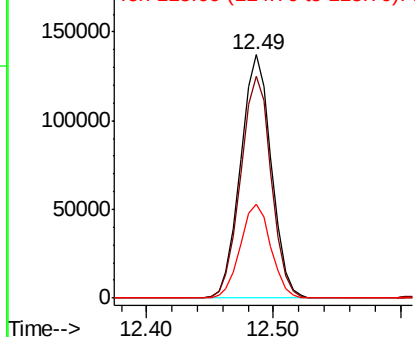


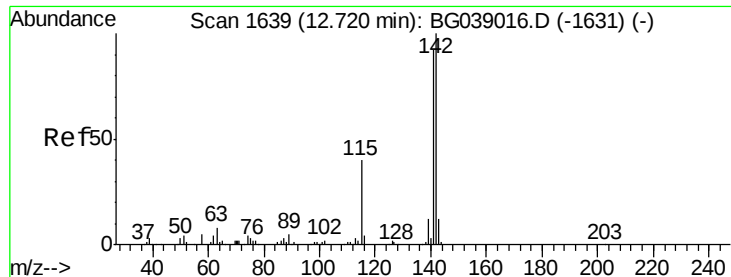
#37
 2-Methylnaphthalene
 Concen: 67.628 ng
 RT: 12.49 min Scan# 1599
 Delta R.T. -0.02 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Tgt Ion:142 Resp: 231040
 Ion Ratio Lower Upper
 142 100
 141 91.4 72.6 109.0
 115 38.5 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

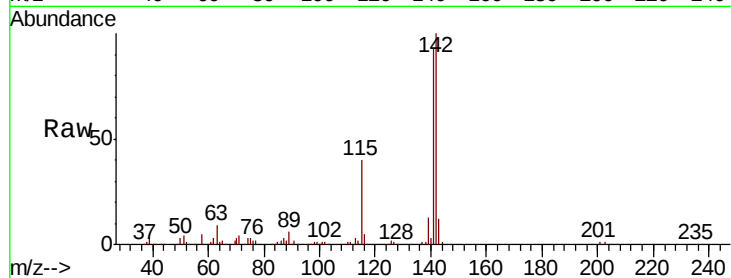




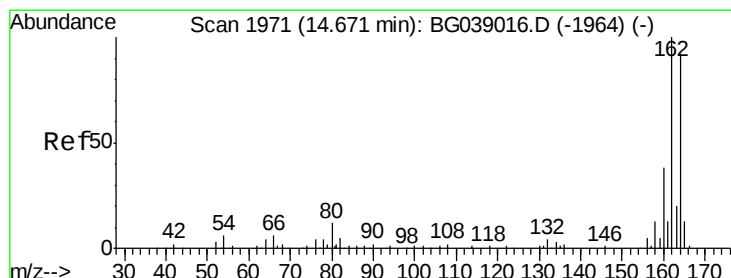
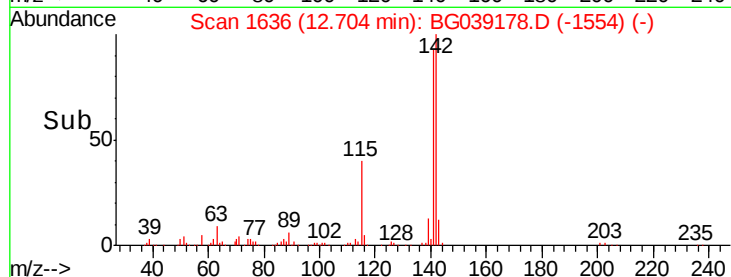
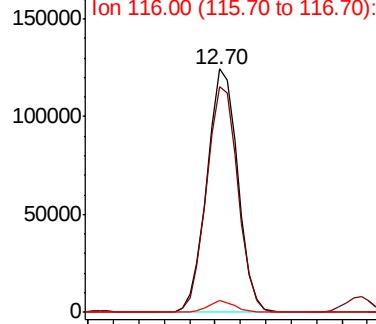
#38
 1-Methylnaphthalene
 Concen: 63.977 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.02 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMS

Tgt Ion:142 Resp: 209791
 Ion Ratio Lower Upper
 142 100
 141 92.6 73.3 109.9
 116 4.6 3.1 4.7

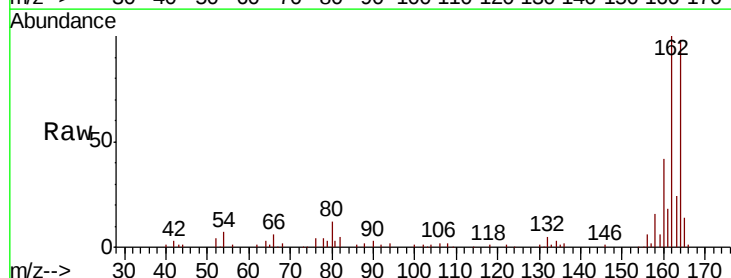


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

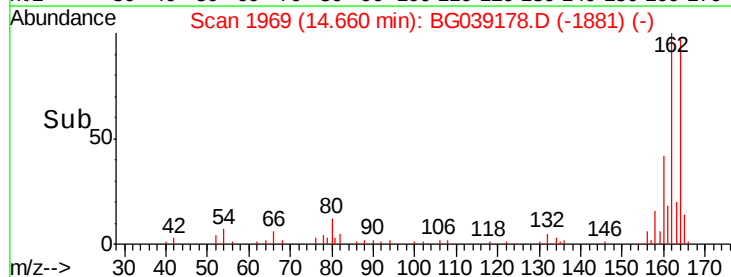
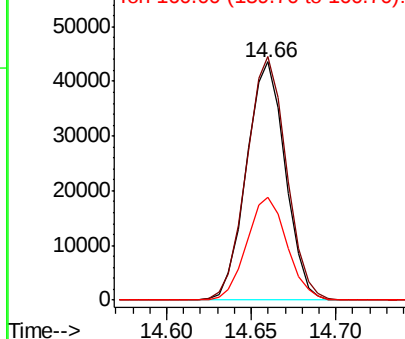


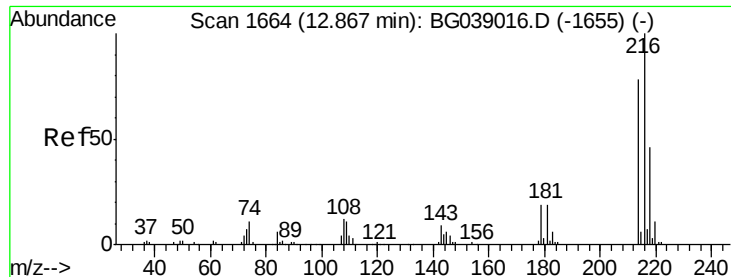
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Tgt Ion:164 Resp: 69404
 Ion Ratio Lower Upper
 164 100
 162 102.2 87.2 130.8
 160 43.1 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: 49.088 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.02 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMS

Tgt Ion:216 Resp: 127948

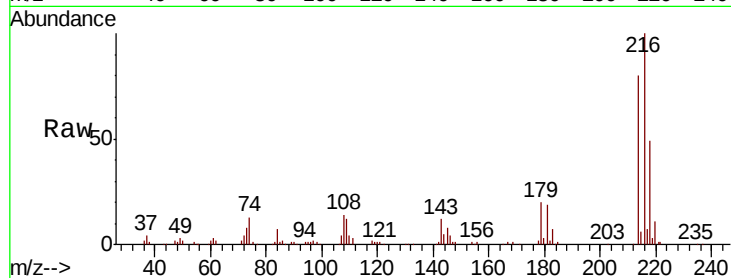
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.2

179 20.1 15.5 23.3

108 16.3 11.4 17.2

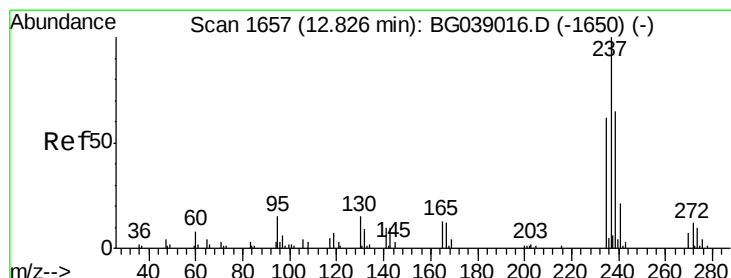
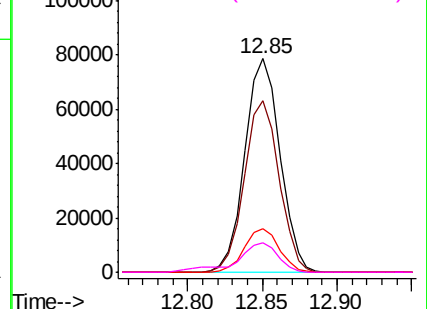
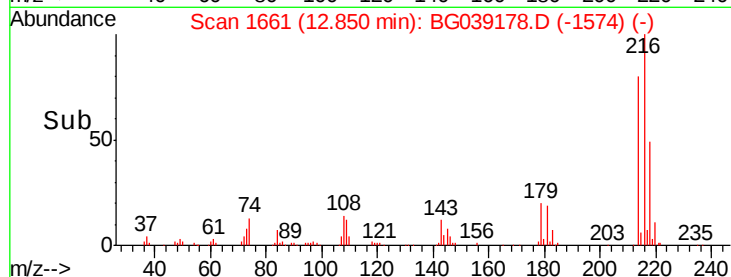


Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.114 ng

RT: 12.82 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

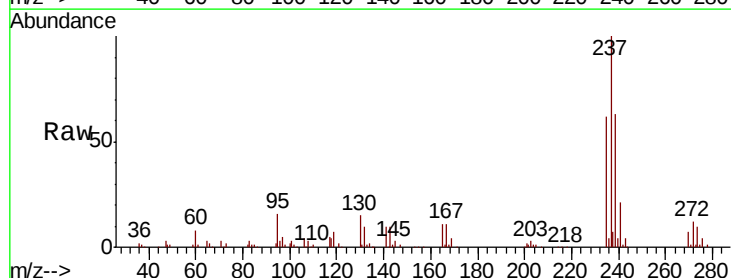
Tgt Ion:237 Resp: 127109

Ion Ratio Lower Upper

237 100

235 62.1 41.7 81.7

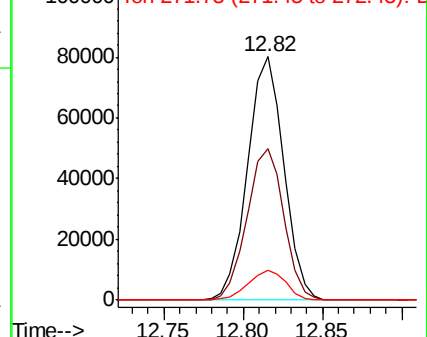
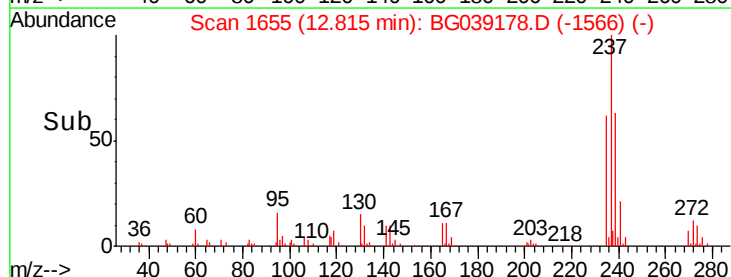
272 12.5 0.0 32.1

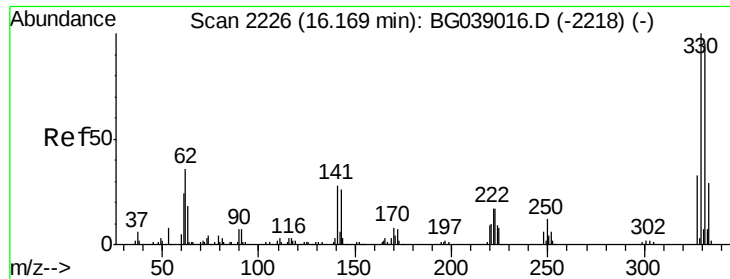


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 137.430 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.02 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMS

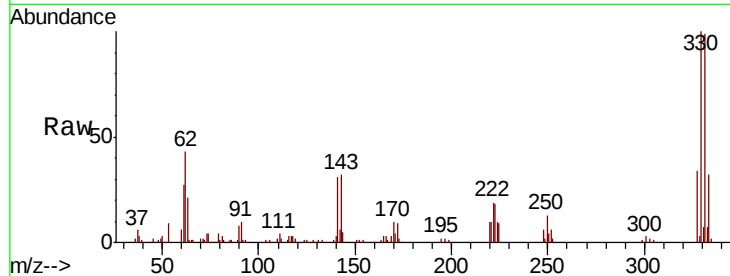
Tgt Ion:330 Resp: 159887

Ion Ratio Lower Upper

330 100

332 96.6 75.7 113.5

141 30.7 24.9 37.3

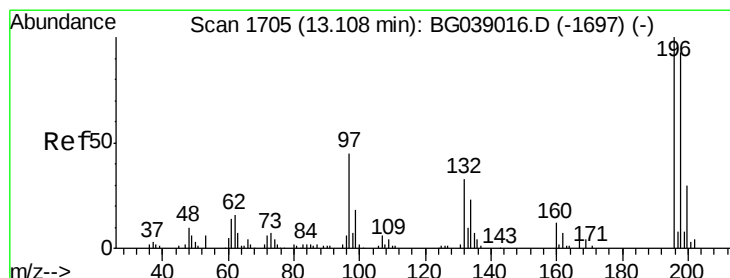
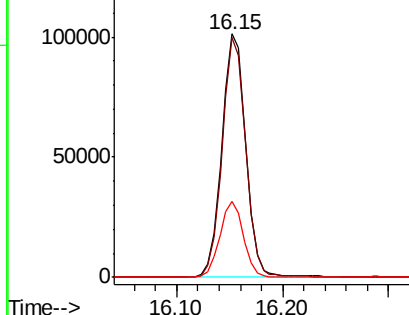
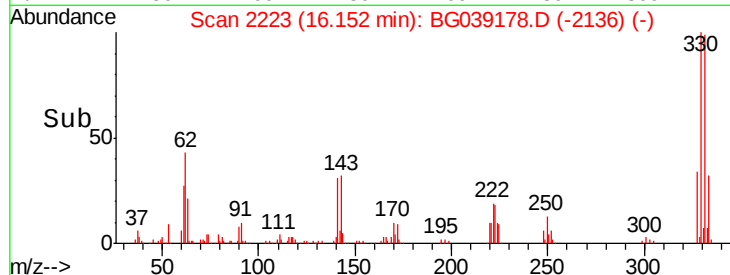


Abundance

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: 53.879 ng

RT: 13.10 min Scan# 1703

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

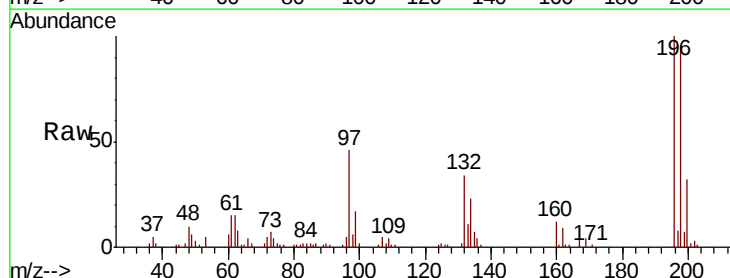
Tgt Ion:196 Resp: 88387

Ion Ratio Lower Upper

196 100

198 95.9 74.5 111.7

200 32.2 23.8 35.6

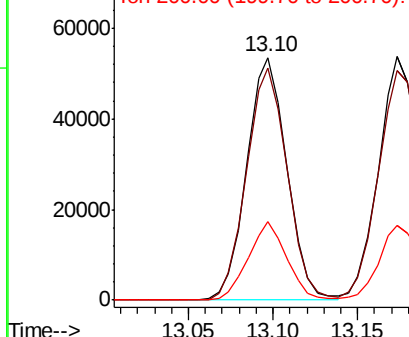
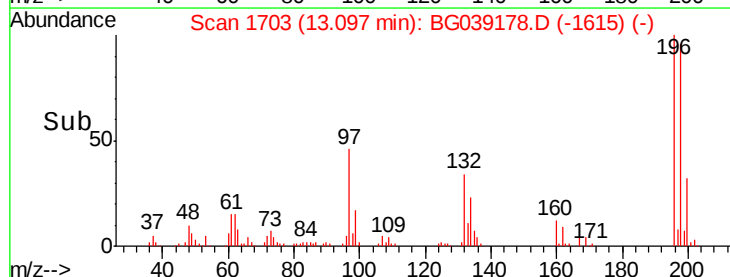


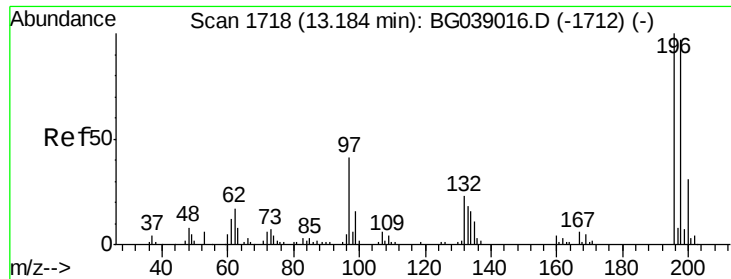
Abundance

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

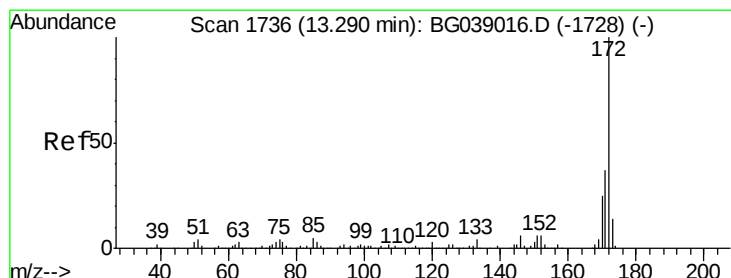
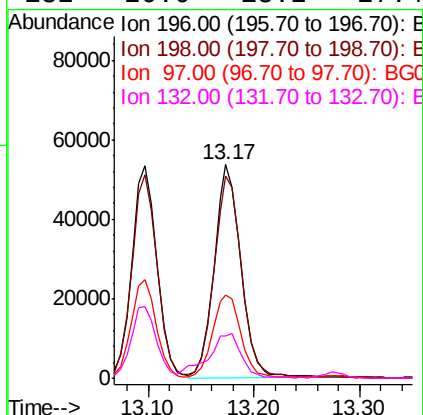
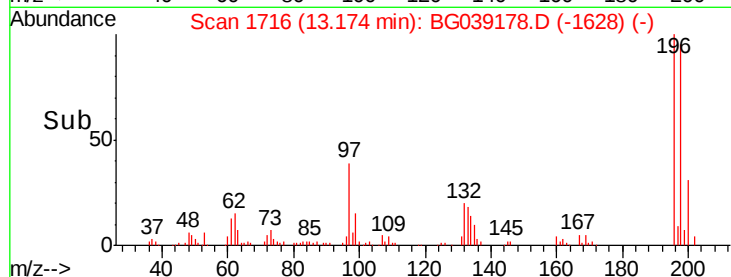
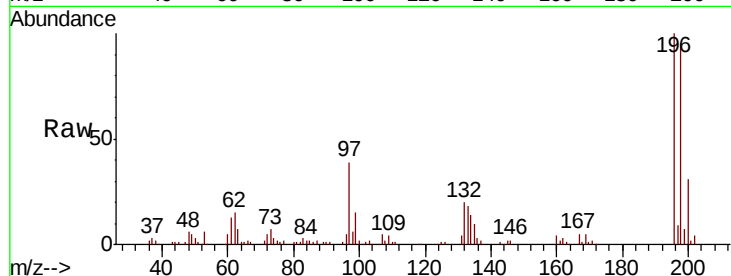




#44
 2,4,5-Trichlorophenol
 Concen: 54.622 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

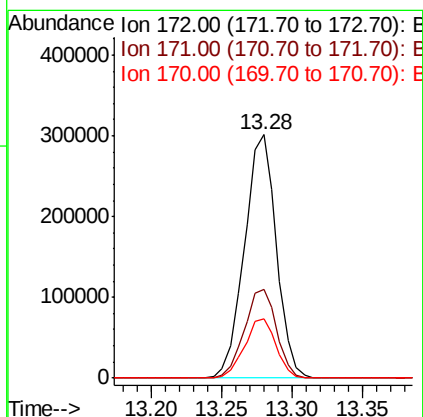
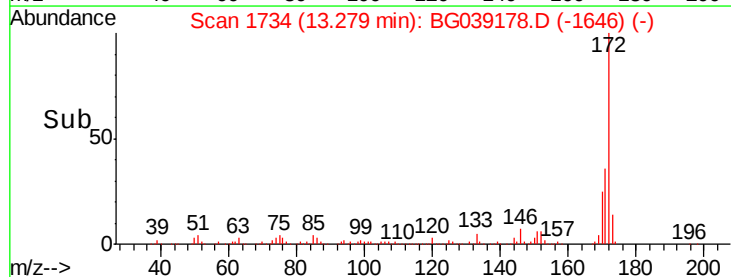
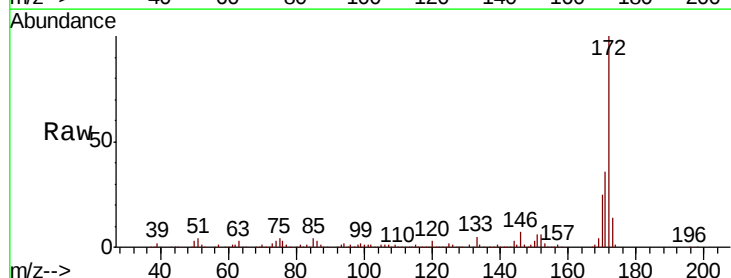
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMS

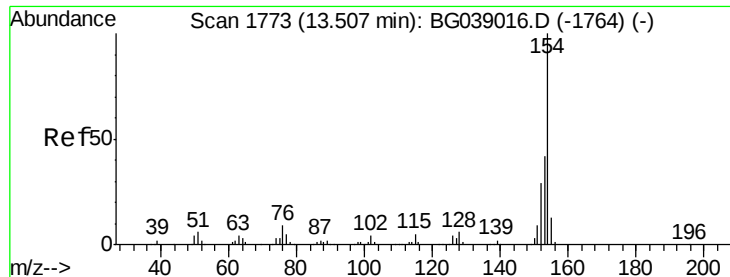
Tgt Ion	Resp	Lower	Upper
196	100		
198	94.5	78.1	117.1
97	39.0	33.2	49.8
132	20.0	18.2	27.4



#45
 2-Fluorobiphenyl
 Concen: 93.962 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.5	20.1	30.1

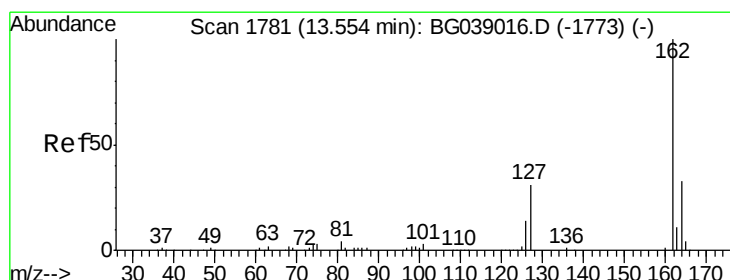
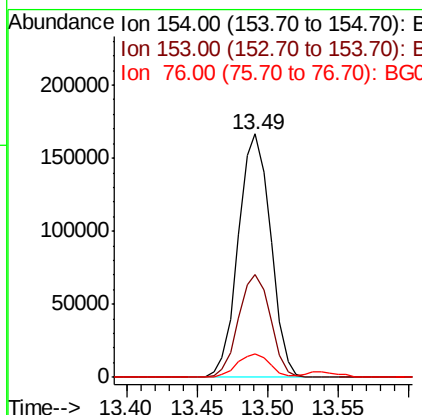
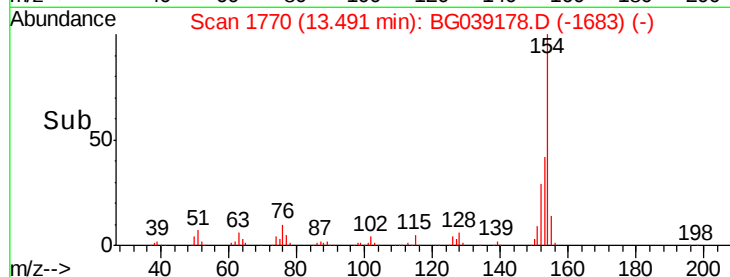
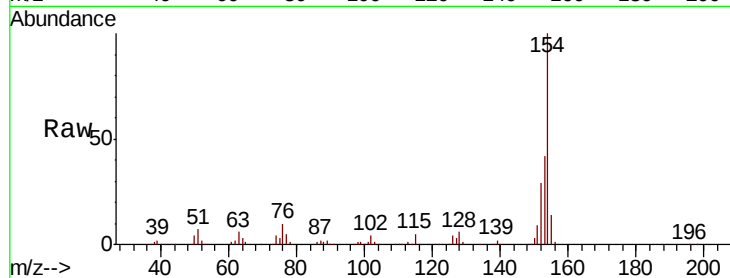




#46
 1,1'-Biphenyl
 Concen: 48.666 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.02 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

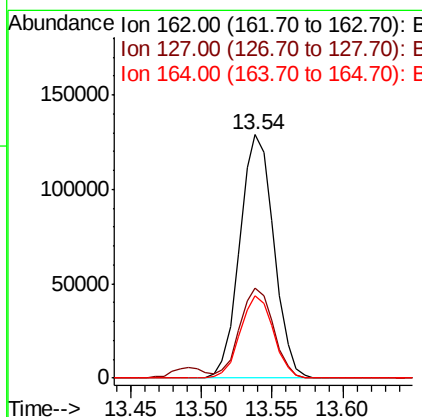
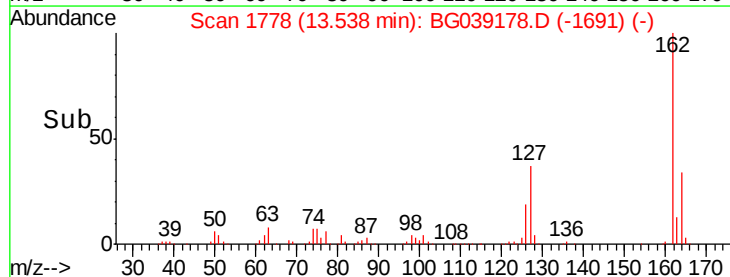
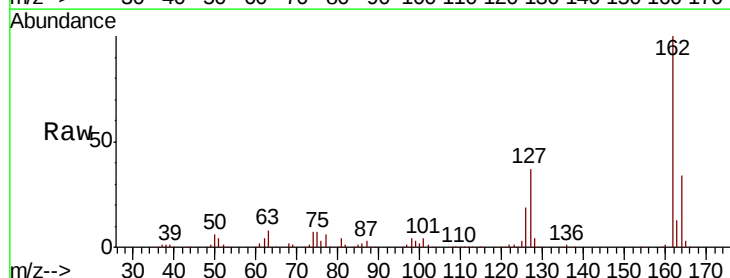
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMS

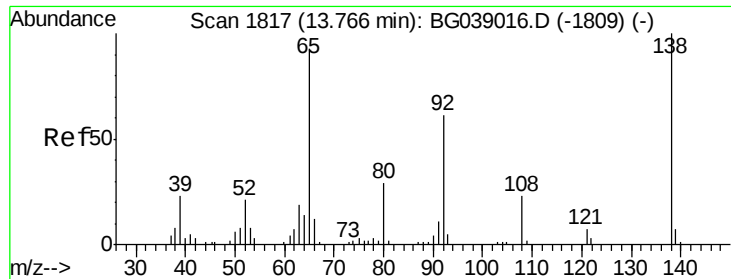
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.4	62.4
76	9.8	0.0	29.4



#47
 2-Chloronaphthalene
 Concen: 48.871 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. -0.02 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.8	28.4	42.6
164	34.0	26.3	39.5

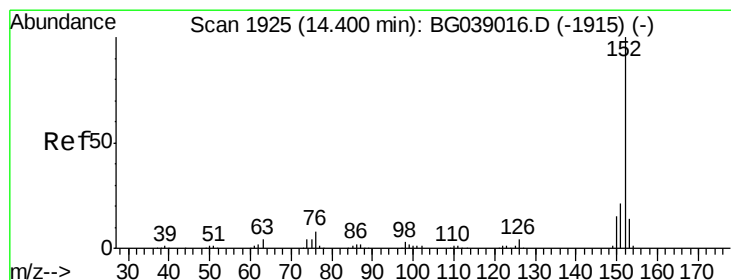
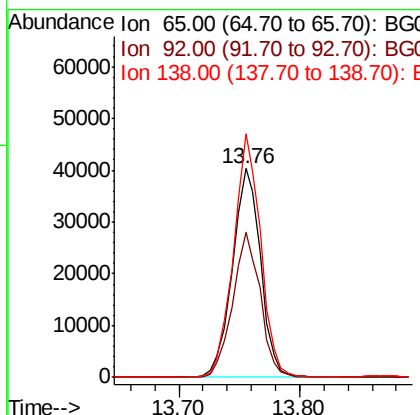
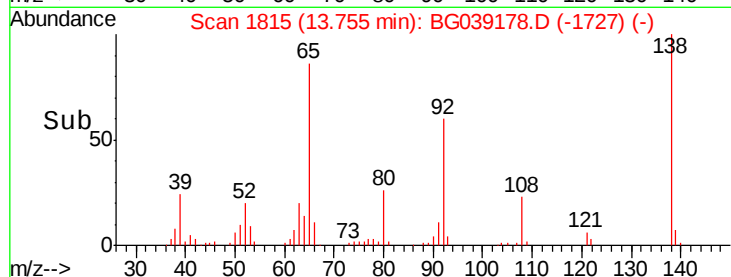
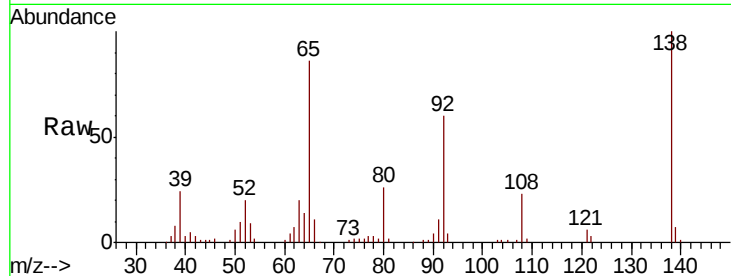




#48
2-Nitroaniline
Concen: 52.492 ng
RT: 13.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

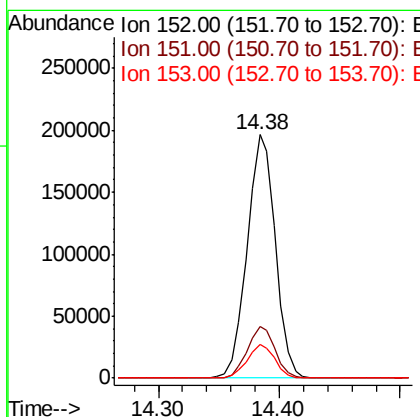
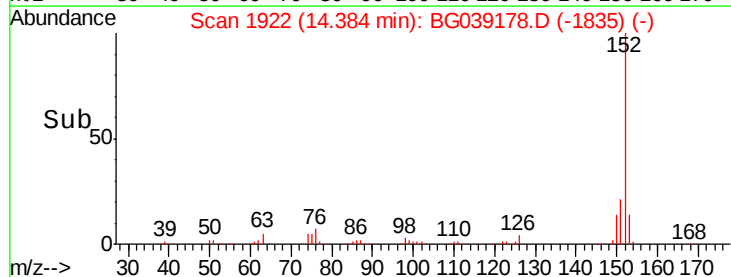
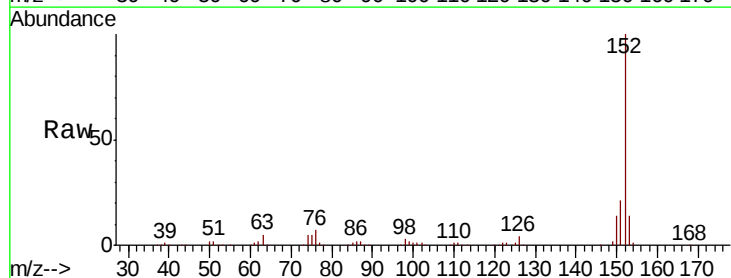
Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMS

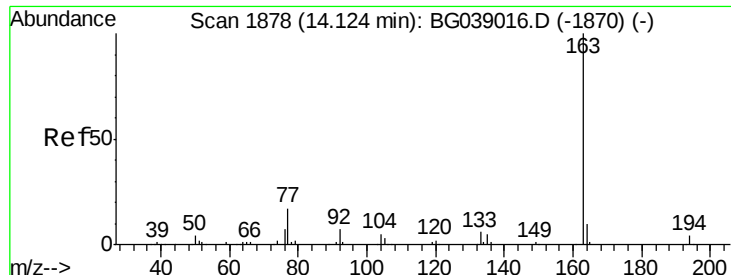
Tgt Ion: 65 Resp: 65445
Ion Ratio Lower Upper
65 100
92 69.7 52.2 78.4
138 116.7 86.0 129.0



#49
Acenaphthylene
Concen: 47.602 ng
RT: 14.38 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Tgt Ion: 152 Resp: 318415
Ion Ratio Lower Upper
152 100
151 21.4 17.0 25.4
153 13.7 11.2 16.8





#50

Dimethylphthalate

Concen: 49.952 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMS

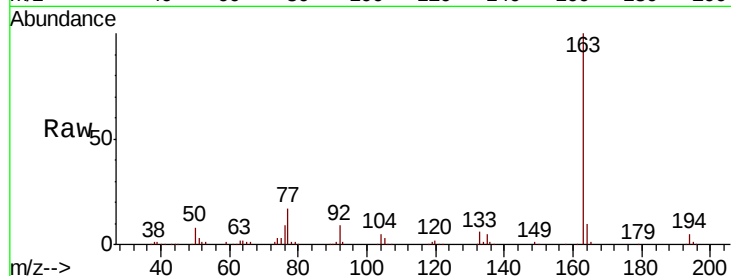
Tgt Ion:163 Resp: 292964

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

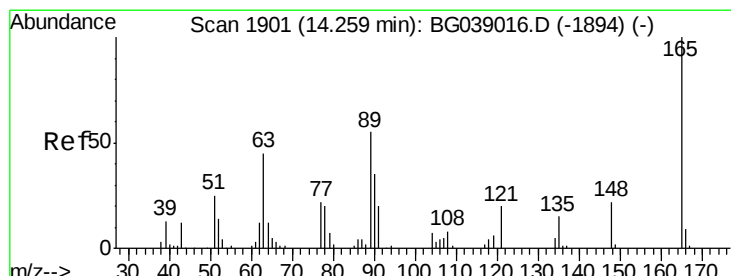
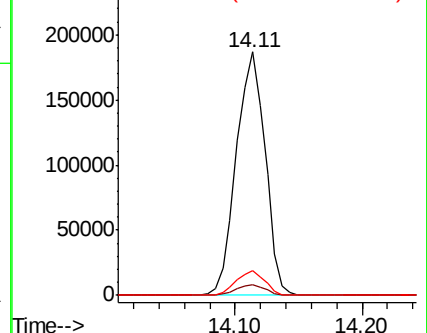
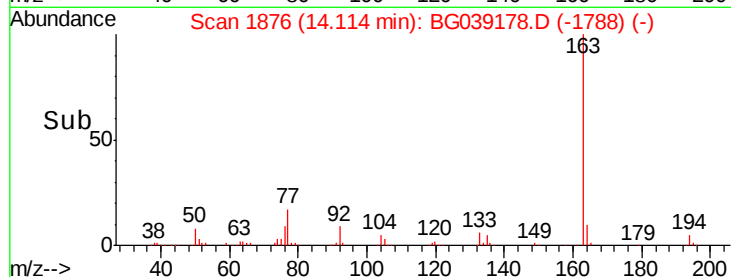
164 10.2 8.2 12.2



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: 47.086 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

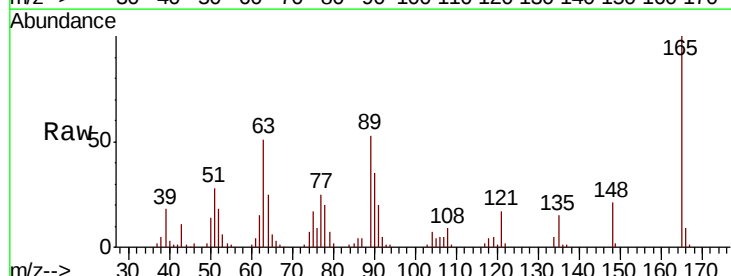
Tgt Ion:165 Resp: 61741

Ion Ratio Lower Upper

165 100

63 51.3 43.6 65.4

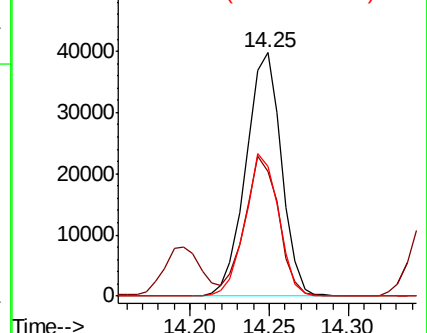
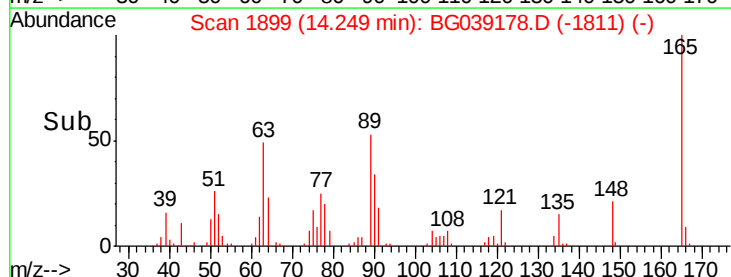
89 53.2 43.7 65.5

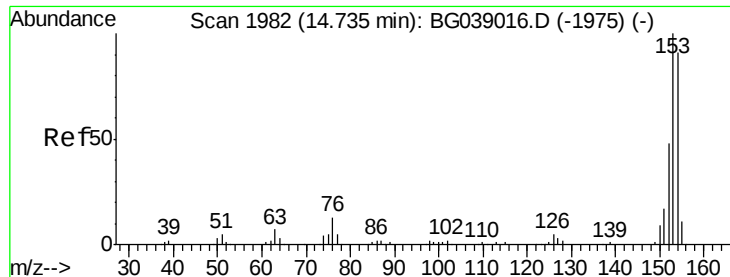


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 45.740 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMS

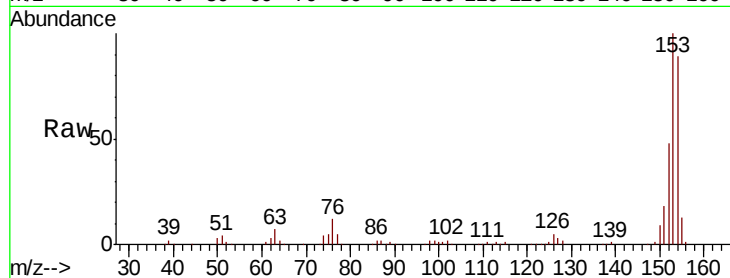
Tgt Ion:154 Resp: 183826

Ion Ratio Lower Upper

154 100

153 112.9 87.9 131.9

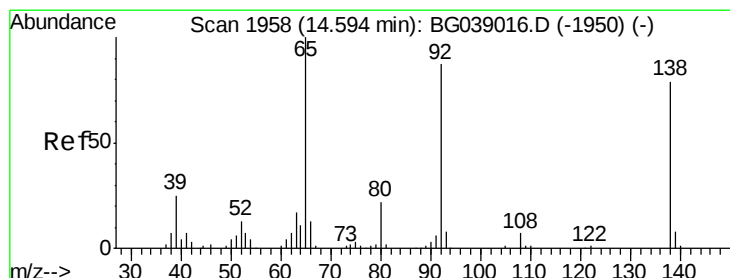
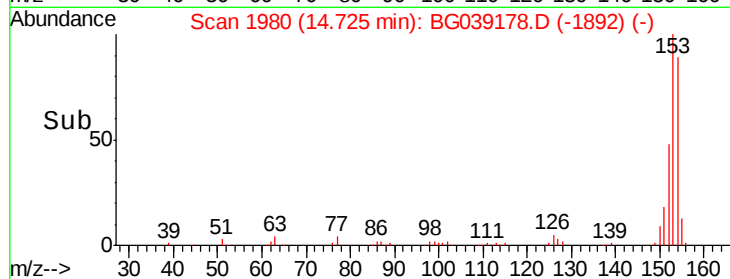
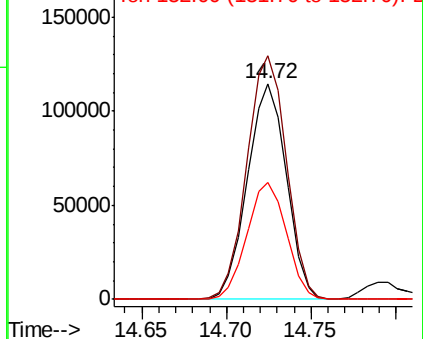
152 54.1 42.2 63.2



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: 2.475 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

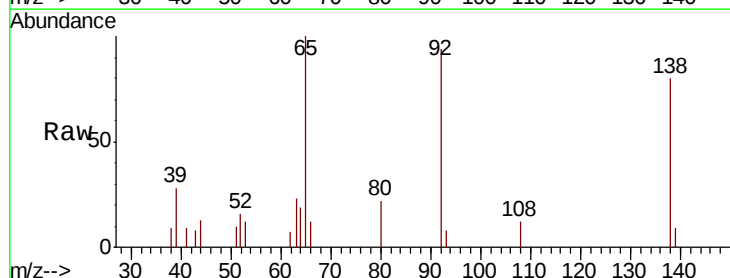
Tgt Ion:138 Resp: 3292

Ion Ratio Lower Upper

138 100

108 14.8 7.4 11.0#

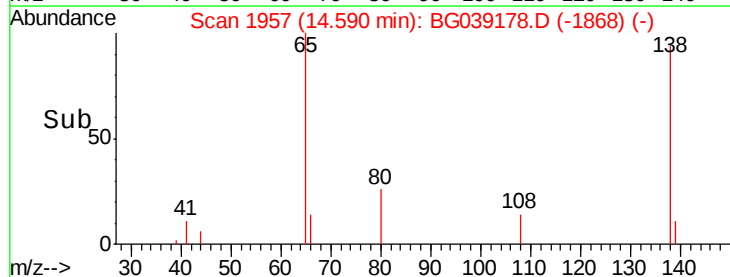
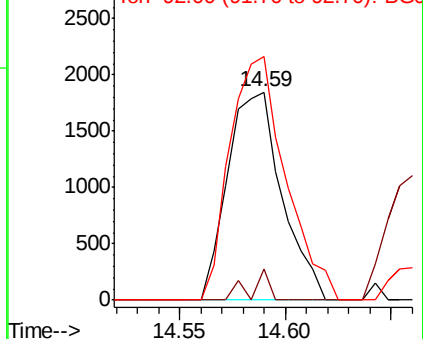
92 117.1 88.2 132.4

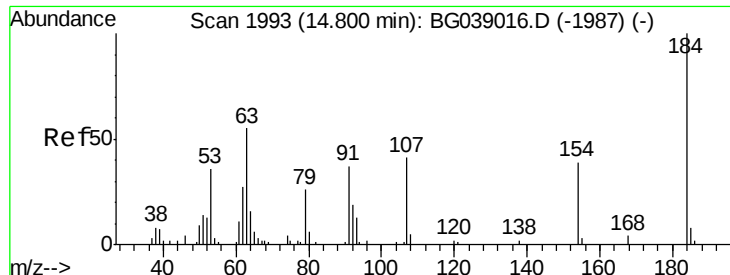


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

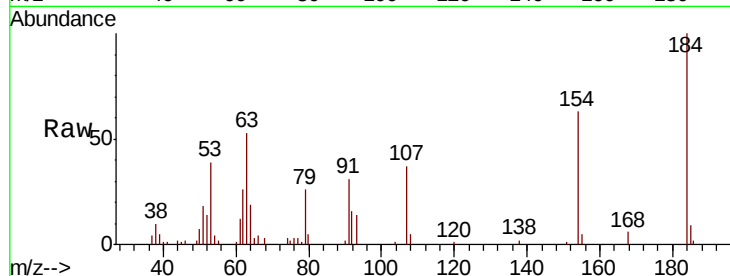




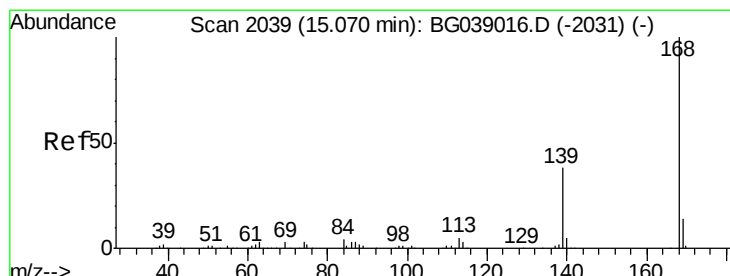
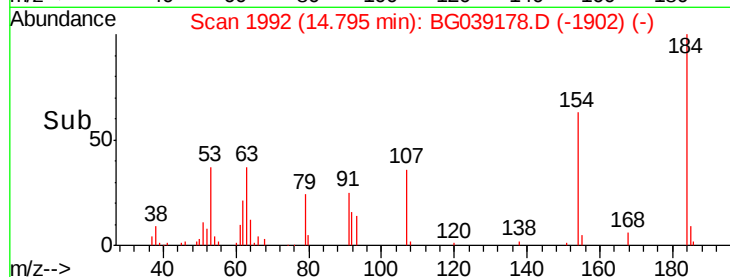
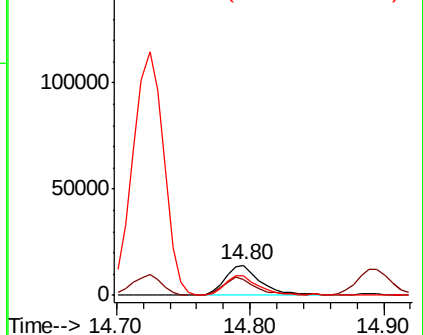
#54
 2,4-Dinitrophenol
 Concen: 36.634 ng
 RT: 14.80 min Scan# 1992
 Delta R.T. -0.00 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMS

Tgt Ion:184 Resp: 26265
 Ion Ratio Lower Upper
 184 100
 63 53.1 44.0 66.0
 154 63.3 46.1 69.1

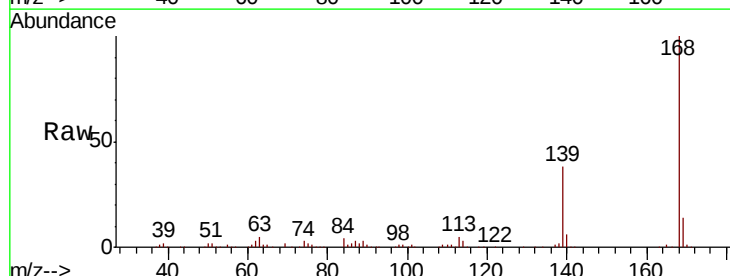


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

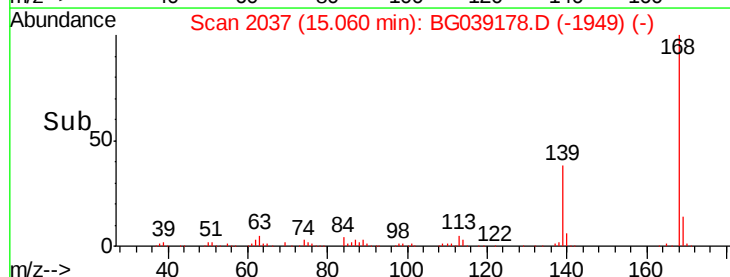
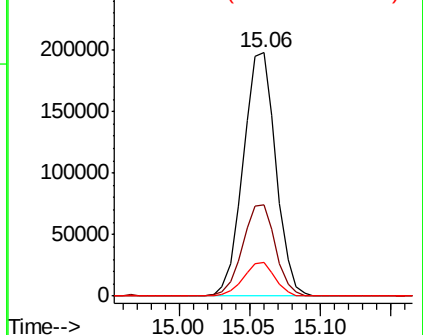


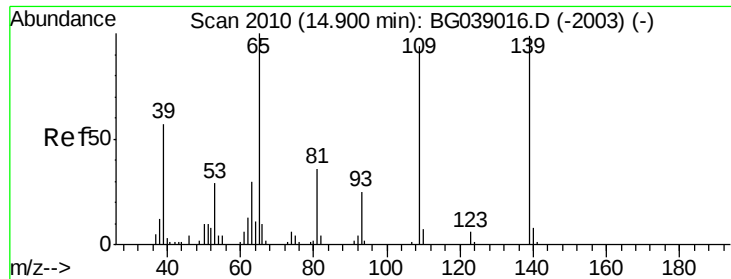
#55
 Dibenzofuran
 Concen: 45.057 ng
 RT: 15.06 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Tgt Ion:168 Resp: 319810
 Ion Ratio Lower Upper
 168 100
 139 37.7 30.1 45.1
 169 13.8 10.9 16.3



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





#56

4-Nitrophenol

Concen: 73.587 ng

RT: 14.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMS

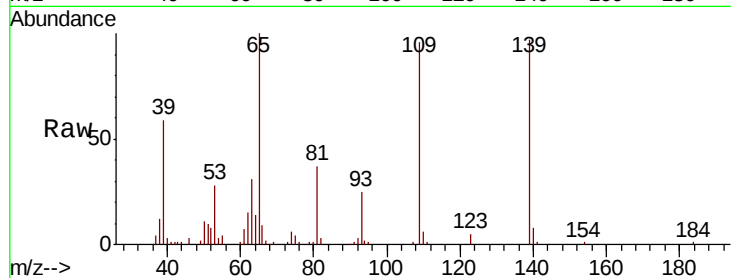
Tgt Ion:139 Resp: 70430

Ion Ratio Lower Upper

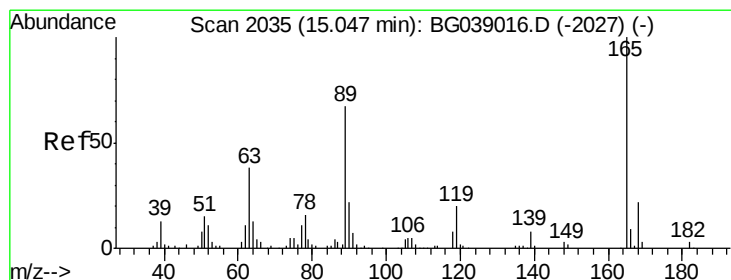
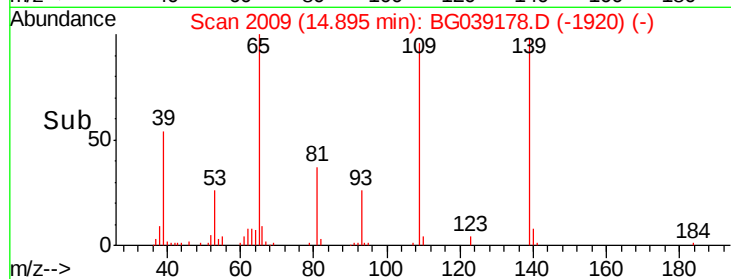
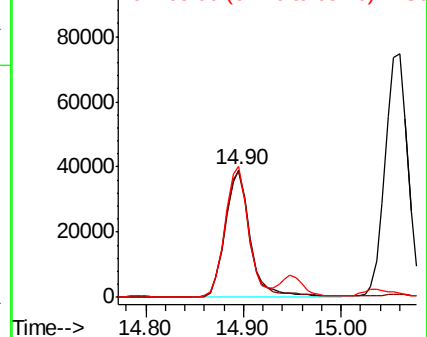
139 100

109 98.8 75.6 115.6

65 102.6 81.2 121.2



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



#57

2,4-Dinitrotoluene

Concen: 44.556 ng

RT: 15.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Tgt Ion:165 Resp: 83819

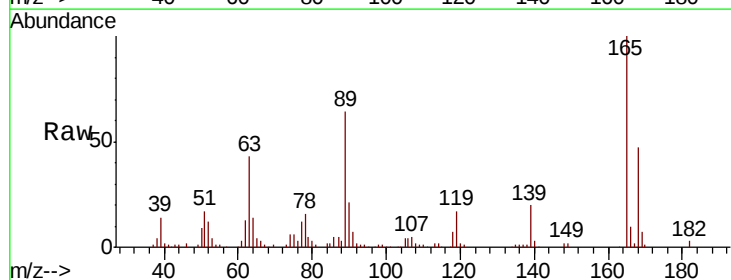
Ion Ratio Lower Upper

165 100

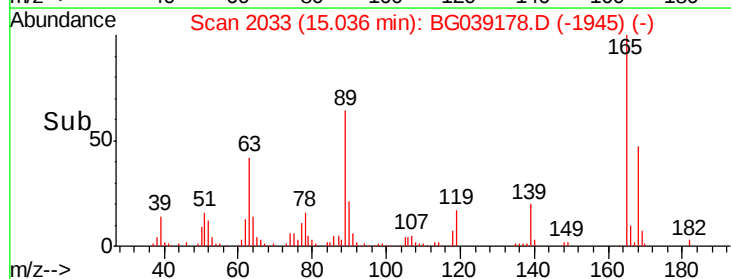
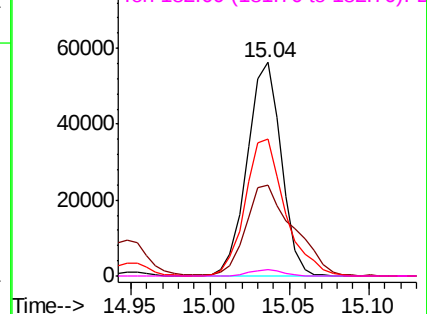
63 42.7 30.2 45.4

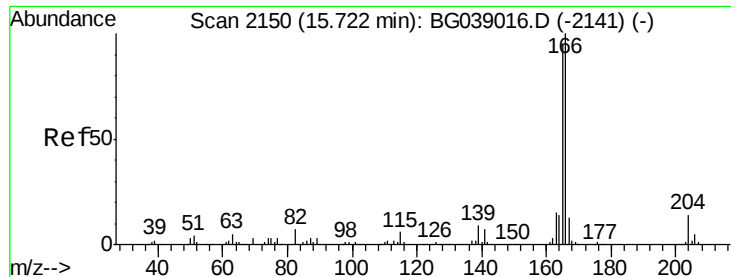
89 64.0 53.2 79.8

182 3.2 2.7 4.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 48.433 ng

RT: 15.71 min Scan# 2147

Delta R.T. -0.02 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMS

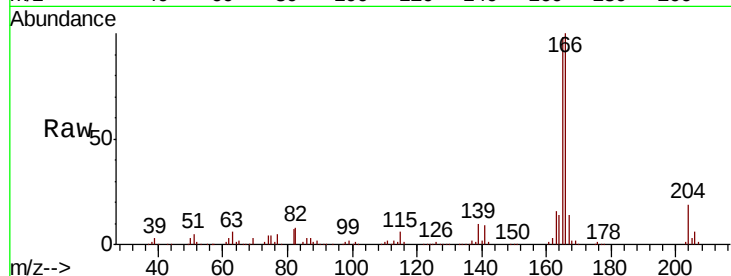
Tgt Ion:166 Resp: 258768

Ion Ratio Lower Upper

166 100

165 98.0 76.2 114.2

167 14.0 10.6 16.0

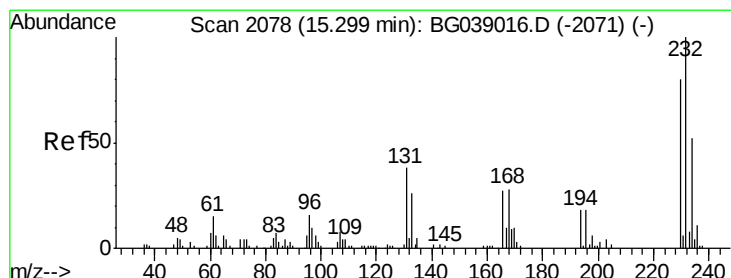
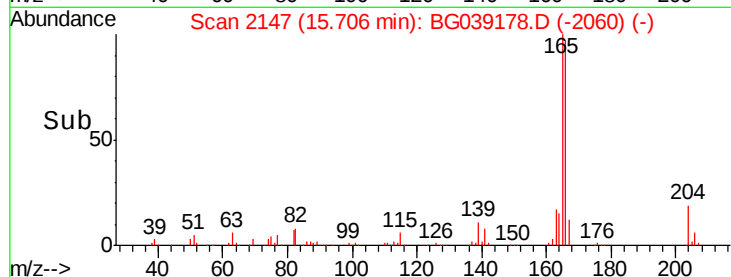
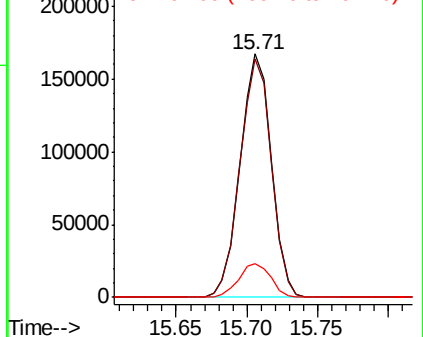


Abundance

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: 50.140 ng

RT: 15.28 min Scan# 2075

Delta R.T. -0.02 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Tgt Ion:232 Resp: 82064

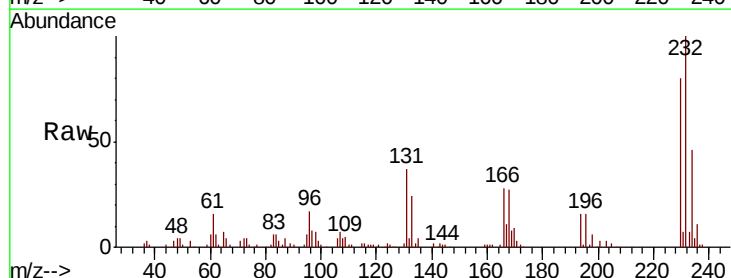
Ion Ratio Lower Upper

232 100

131 37.8 30.9 46.3

130 2.0 1.9 2.9

166 27.3 22.1 33.1



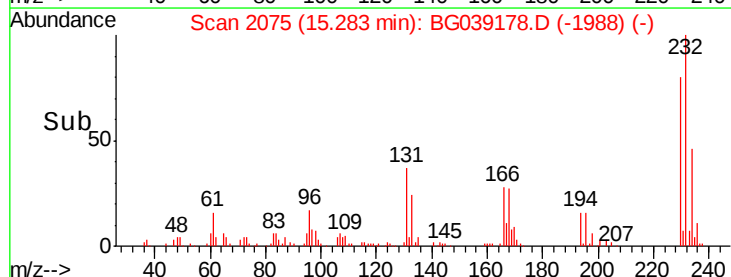
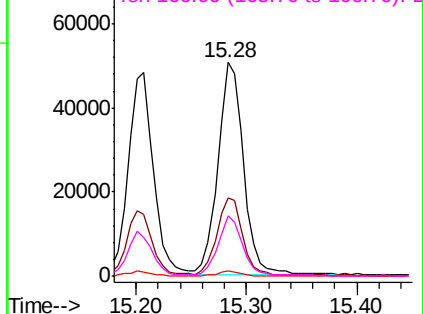
Abundance

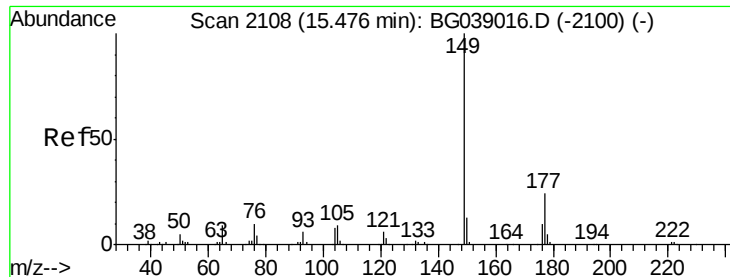
Ion 232.00 (231.70 to 232.70): E

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

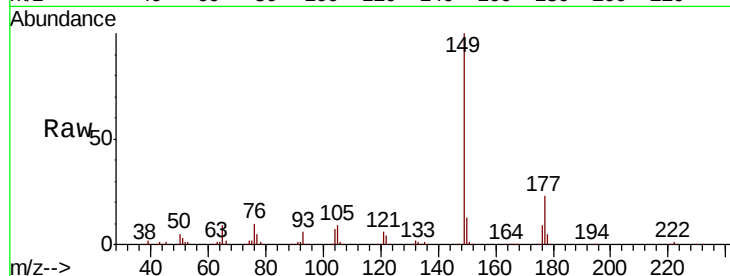




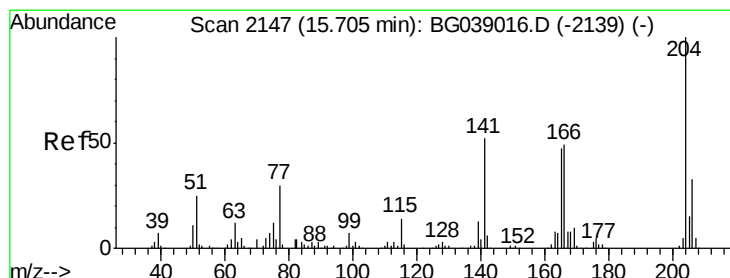
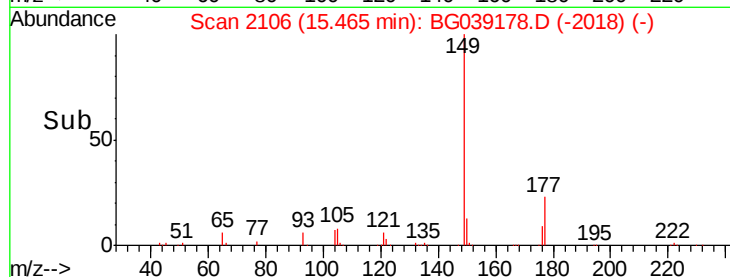
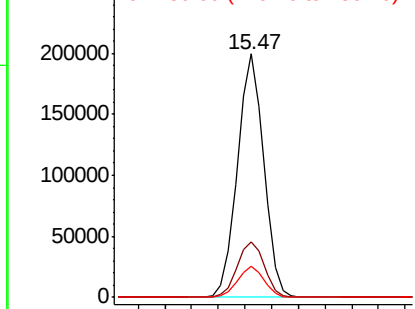
#60
Diethylphthalate
Concen: 45.058 ng
RT: 15.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMS

Tgt Ion:149 Resp: 272271
Ion Ratio Lower Upper
149 100
177 22.7 19.0 28.6
150 12.9 10.2 15.4

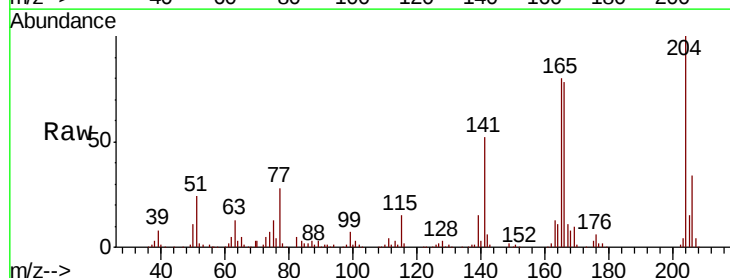


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

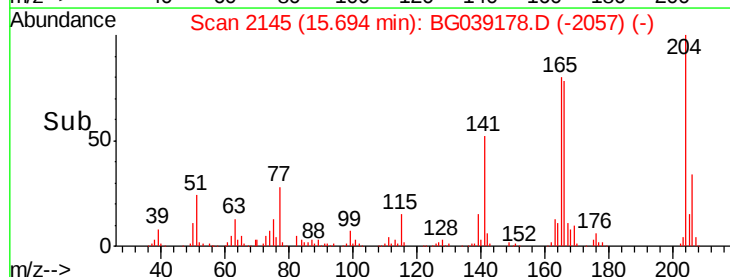
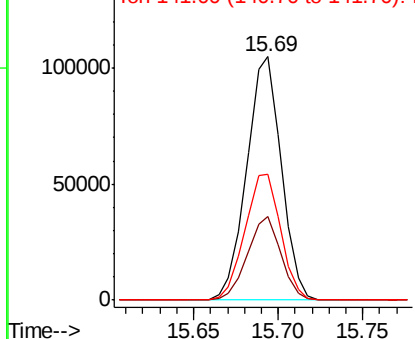


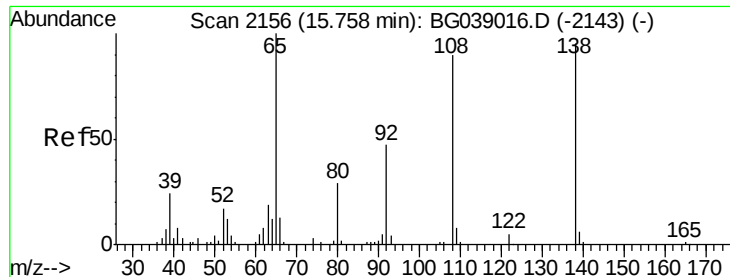
#61
4-Chlorophenyl-phenylether
Concen: 44.407 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Tgt Ion:204 Resp: 149473
Ion Ratio Lower Upper
204 100
206 34.2 26.6 39.8
141 51.9 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

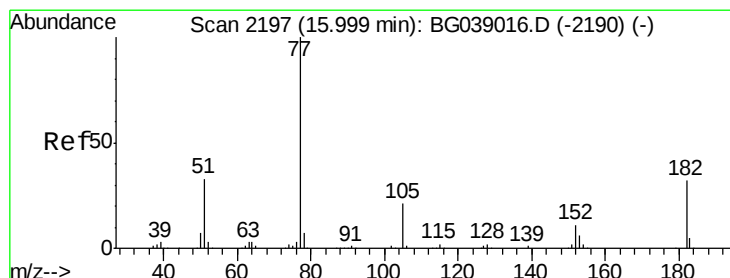
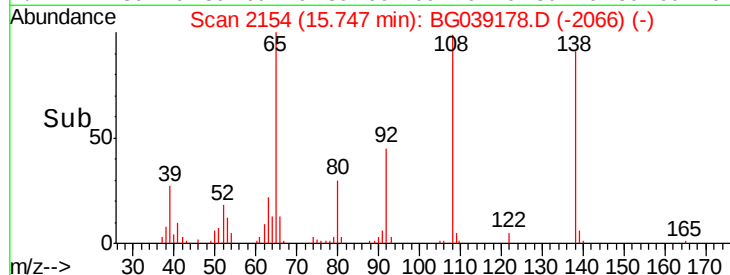
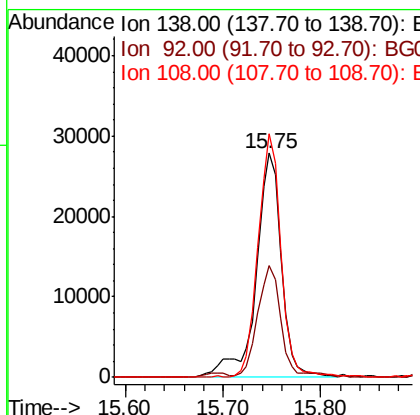
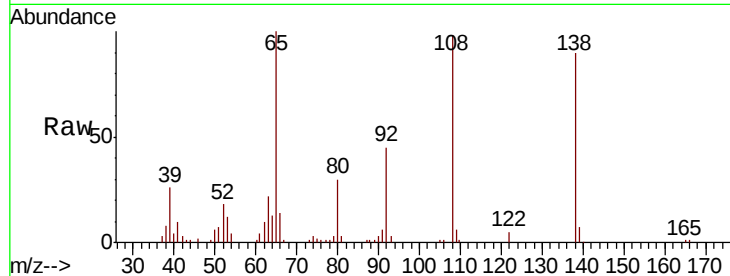




#62
4-Nitroaniline
Concen: 36.602 ng
RT: 15.75 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

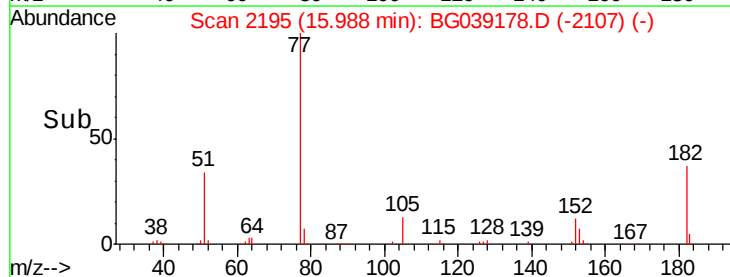
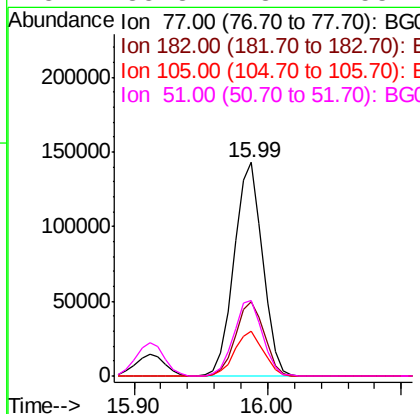
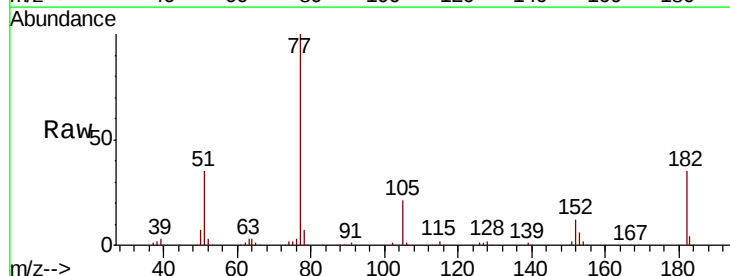
Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMS

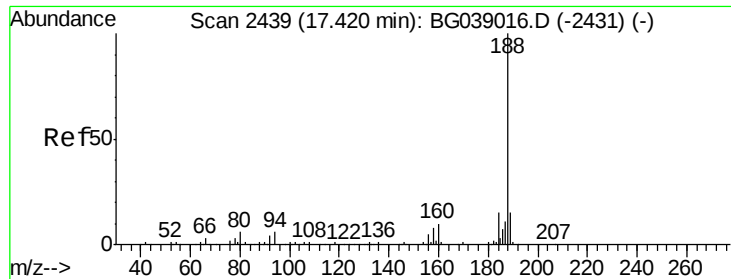
Tgt Ion: 138 Resp: 50719
Ion Ratio Lower Upper
138 100
92 49.7 29.7 69.7
108 108.8 75.7 115.7



#63
Azobenzene
Concen: 44.734 ng
RT: 15.99 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Tgt Ion: 77 Resp: 211390
Ion Ratio Lower Upper
77 100
182 35.0 12.2 52.2
105 21.1 1.2 41.2
51 35.3 13.4 53.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMS

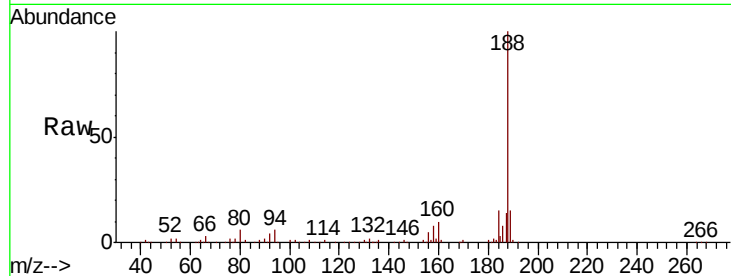
Tgt Ion:188 Resp: 173878

Ion Ratio Lower Upper

188 100

94 5.5 5.0 7.4

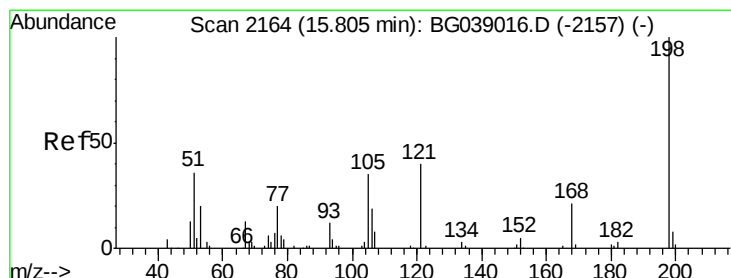
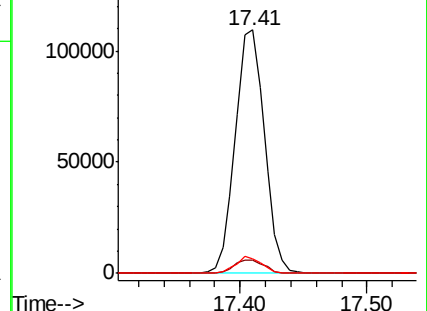
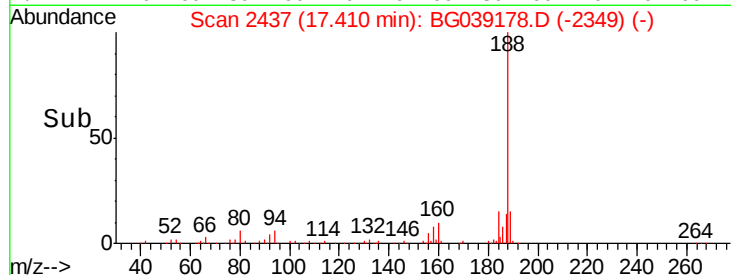
80 5.9 4.7 7.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 25.960 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

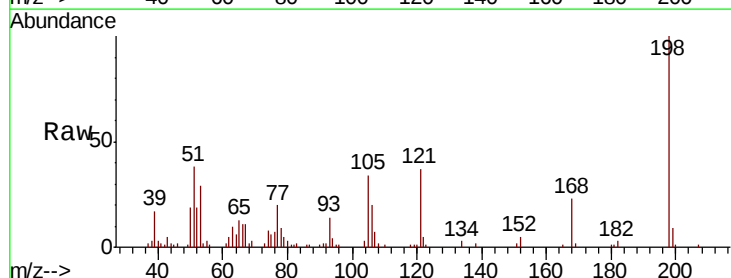
Tgt Ion:198 Resp: 33441

Ion Ratio Lower Upper

198 100

51 37.5 20.8 60.8

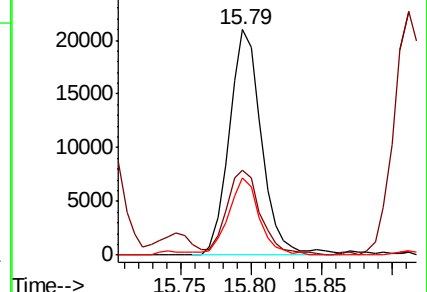
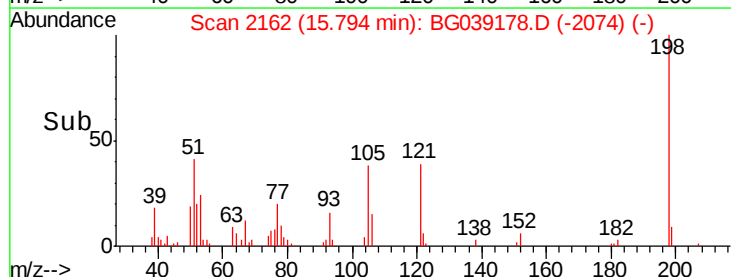
105 34.2 16.1 56.1

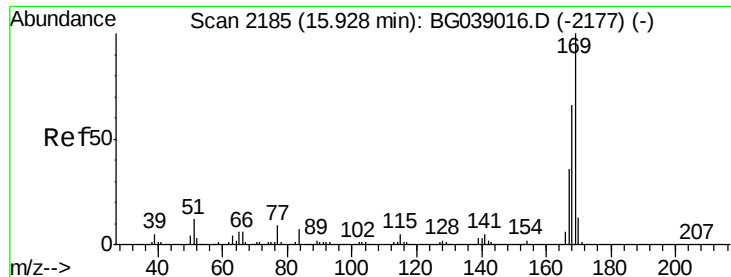


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

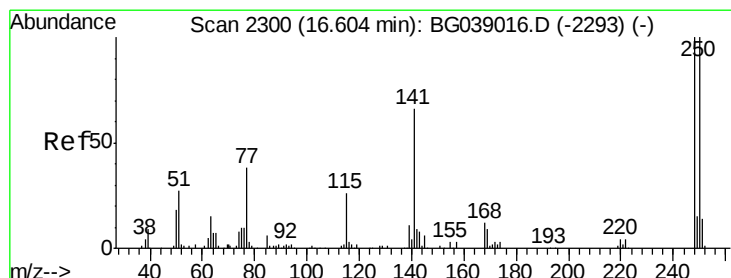
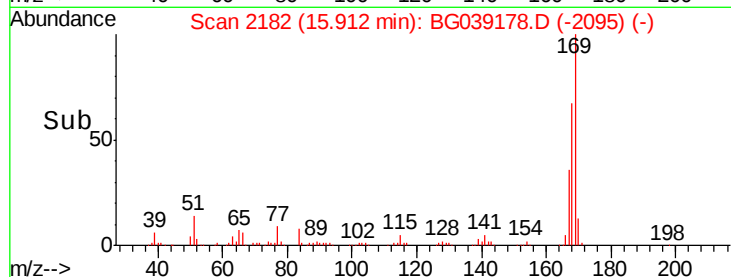
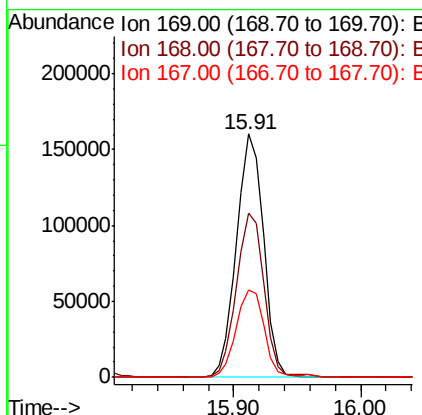
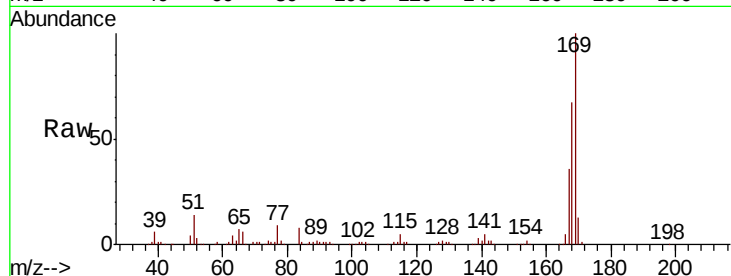




#66
 n-Nitrosodiphenylamine
 Concen: 45.883 ng
 RT: 15.91 min Scan# 2182
 Delta R.T. -0.02 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

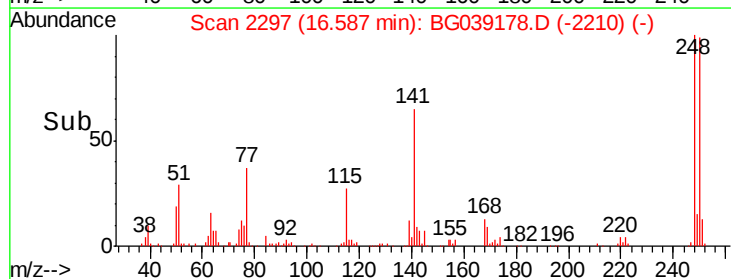
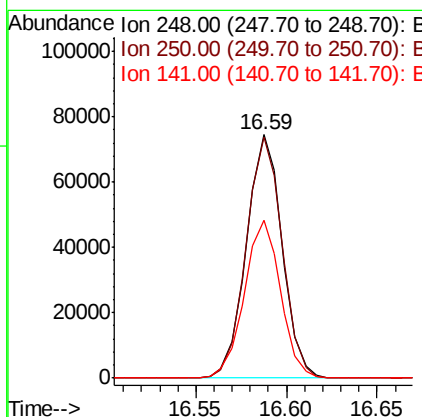
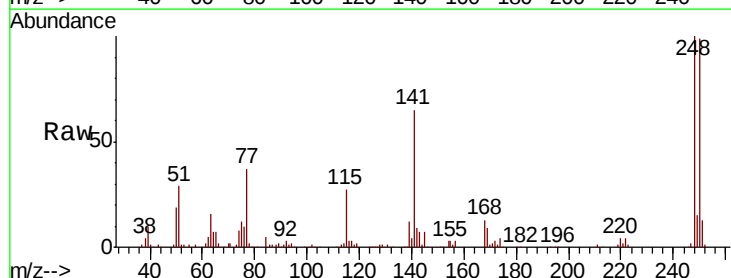
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMS

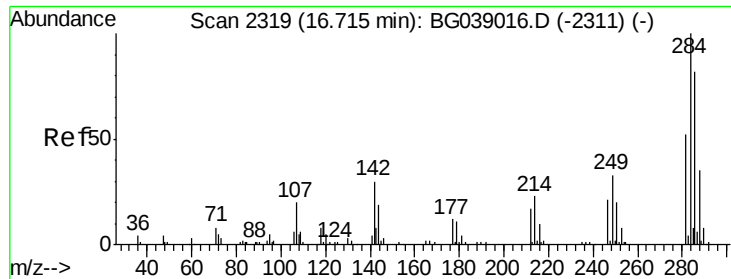
Tgt Ion:169 Resp: 236510
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.2 79.8
 167 35.9 29.1 43.7



#67
 4-Bromophenyl-phenylether
 Concen: 45.788 ng
 RT: 16.59 min Scan# 2297
 Delta R.T. -0.02 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Tgt Ion:248 Resp: 102342
 Ion Ratio Lower Upper
 248 100
 250 98.8 79.9 119.9
 141 64.7 52.7 79.1





#68

Hexachlorobenzene

Concen: 45.437 ng

RT: 16.70 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMS

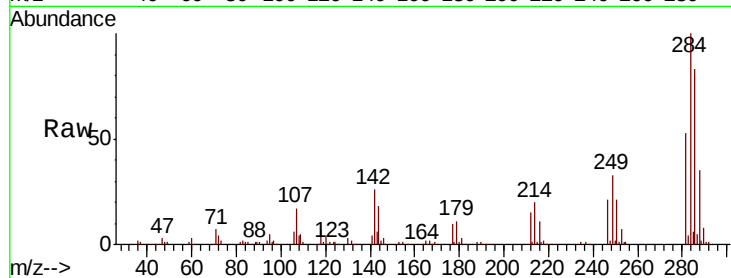
Tgt Ion:284 Resp: 110818

Ion Ratio Lower Upper

284 100

142 26.1 24.3 36.5

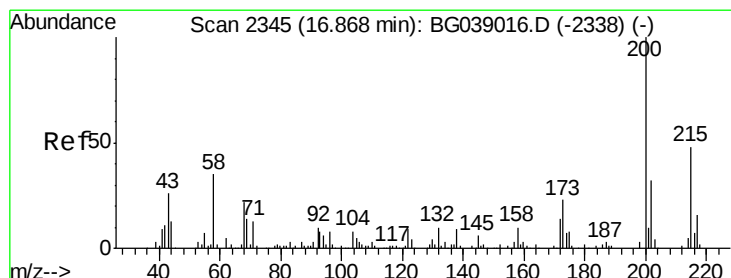
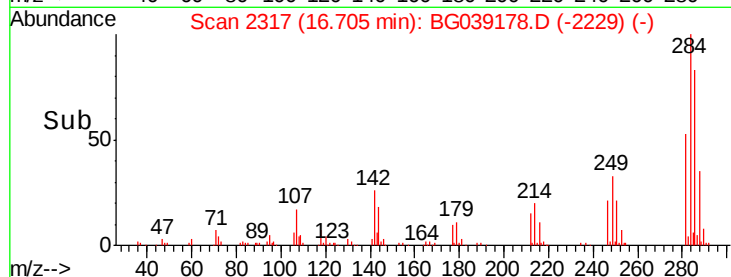
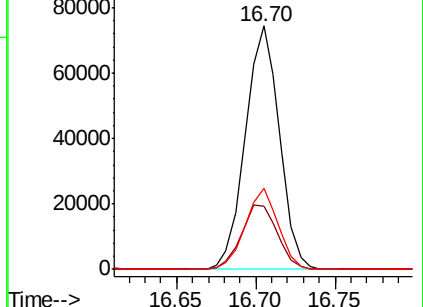
249 35.6 27.8 41.8



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: 44.419 ng

RT: 16.86 min Scan# 2343

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

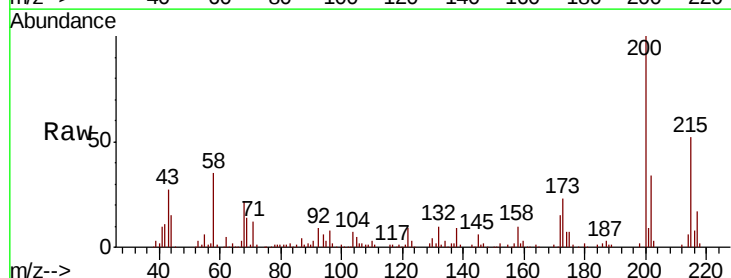
Tgt Ion:200 Resp: 97266

Ion Ratio Lower Upper

200 100

173 23.4 2.6 42.6

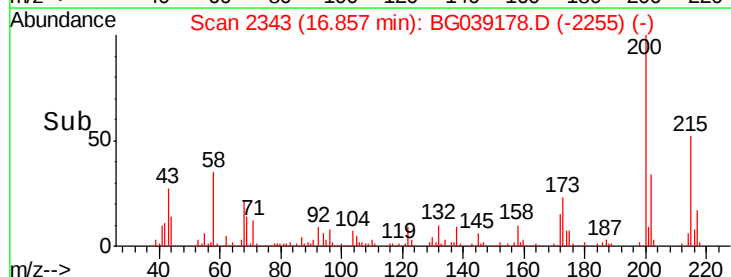
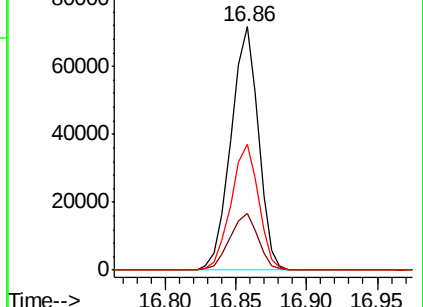
215 51.8 28.0 68.0

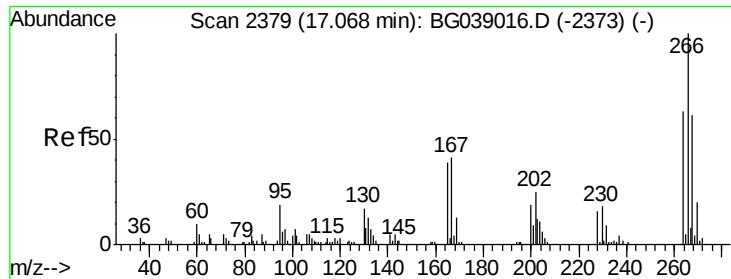


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

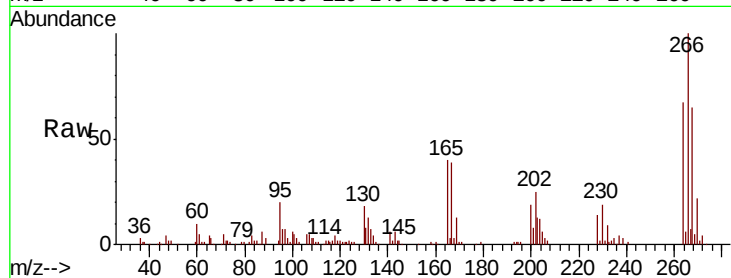




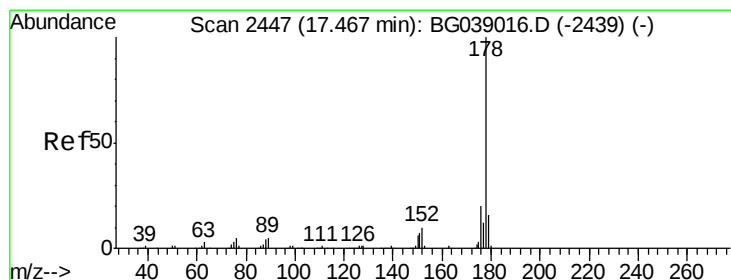
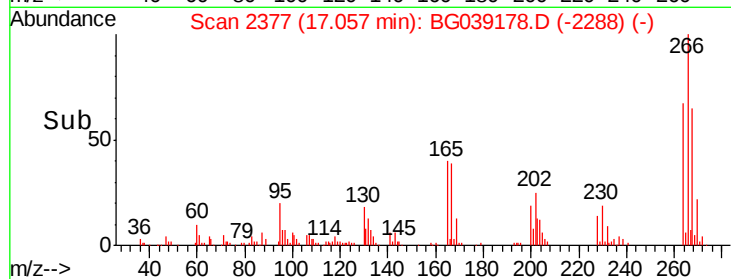
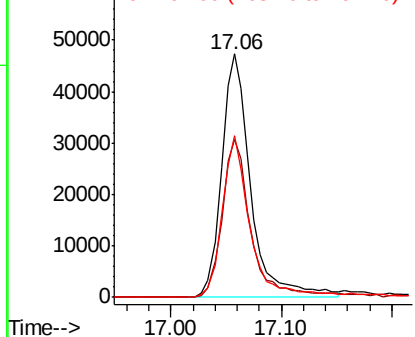
#70
 Pentachlorophenol
 Concen: 59.451 ng
 RT: 17.06 min Scan# 2377
 Delta R.T. -0.01 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMS

Tgt Ion: 266 Resp: 87167
 Ion Ratio Lower Upper
 266 100
 268 64.7 52.0 78.0
 264 72.5 54.6 81.8

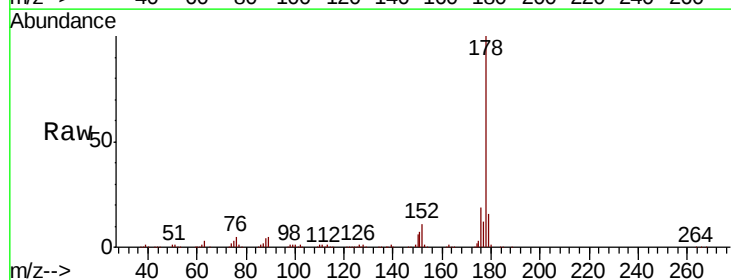


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

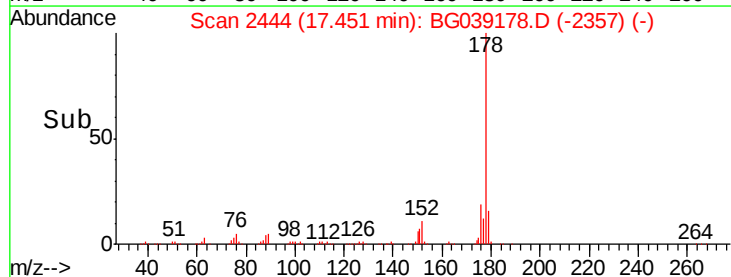
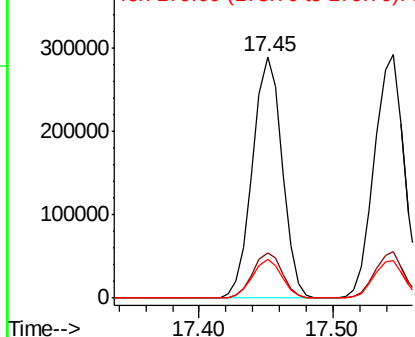


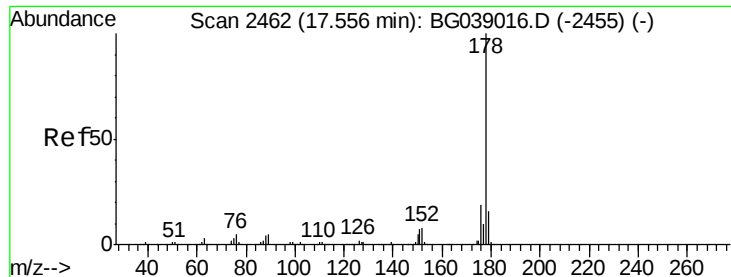
#71
 Phenanthrene
 Concen: 48.200 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. -0.02 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Tgt Ion: 178 Resp: 442993
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.7 23.5
 179 15.9 12.9 19.3



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





#72

Anthracene

Concen: 49.583 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMS

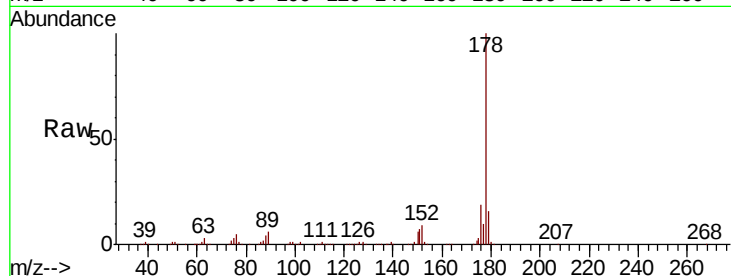
Tgt Ion:178 Resp: 450562

Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

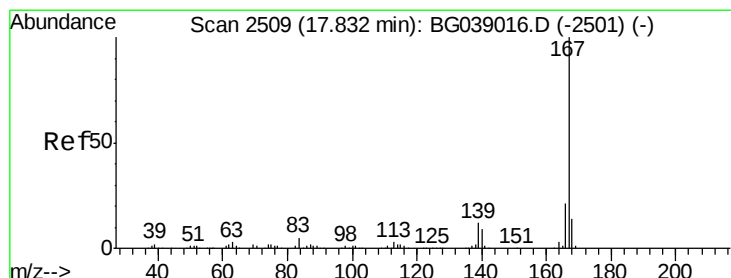
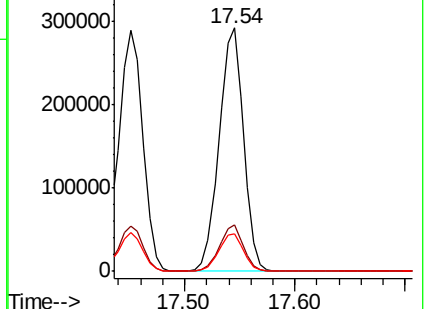
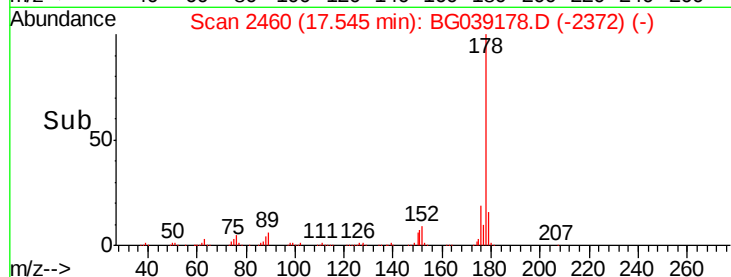
179 15.6 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 43.610 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

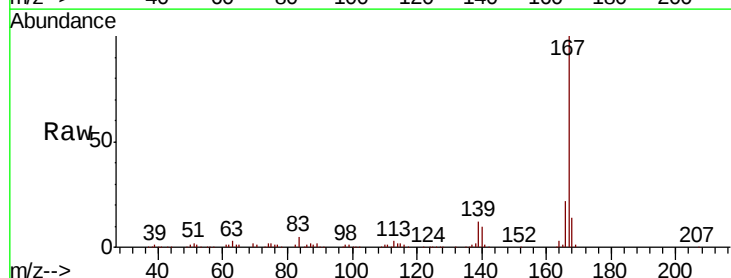
Tgt Ion:167 Resp: 391209

Ion Ratio Lower Upper

167 100

166 21.7 16.9 25.3

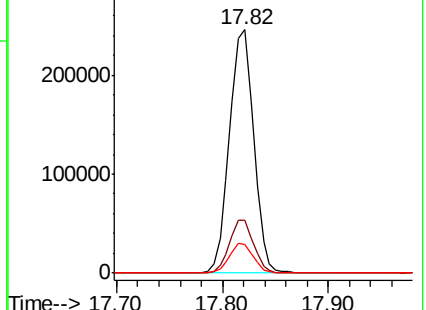
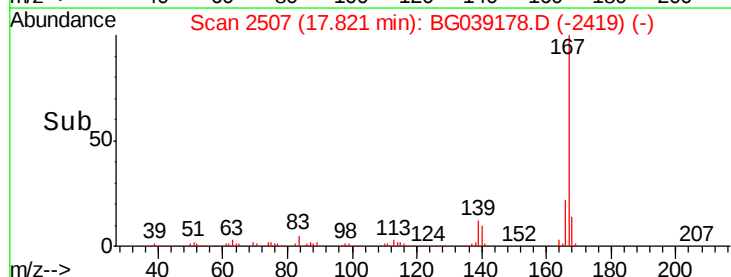
139 12.0 10.0 15.0

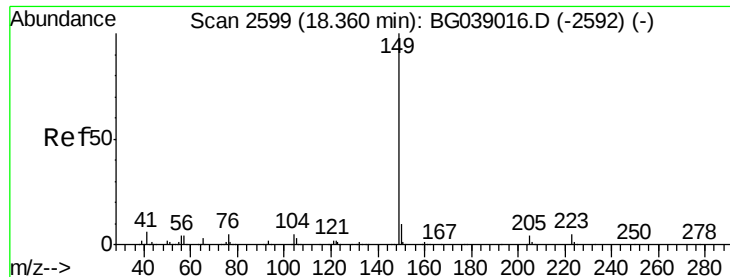


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 47.123 ng

RT: 18.35 min Scan# 2597

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMS

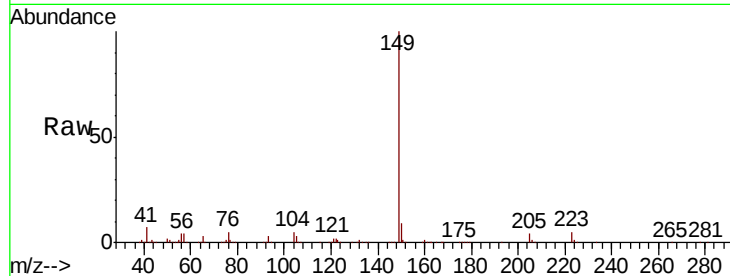
Tgt Ion:149 Resp: 470267

Ion Ratio Lower Upper

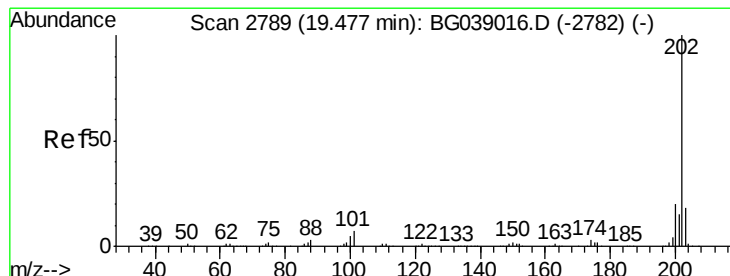
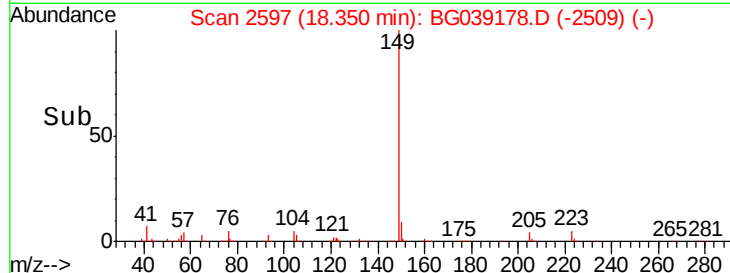
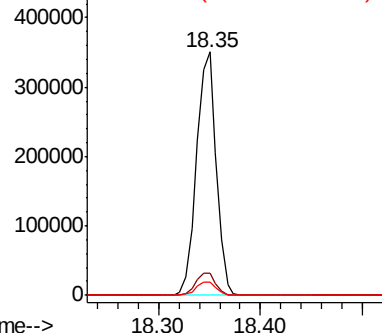
149 100

150 9.3 7.9 11.9

104 5.4 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: 48.062 ng

RT: 19.46 min Scan# 2786

Delta R.T. -0.02 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

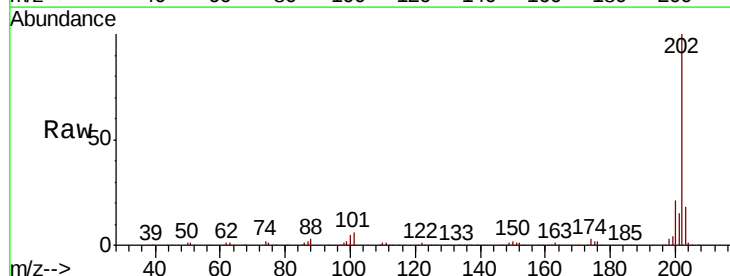
Tgt Ion:202 Resp: 547594

Ion Ratio Lower Upper

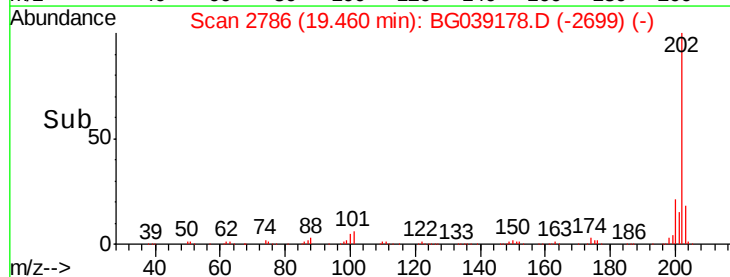
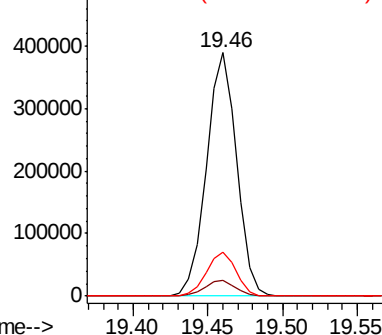
202 100

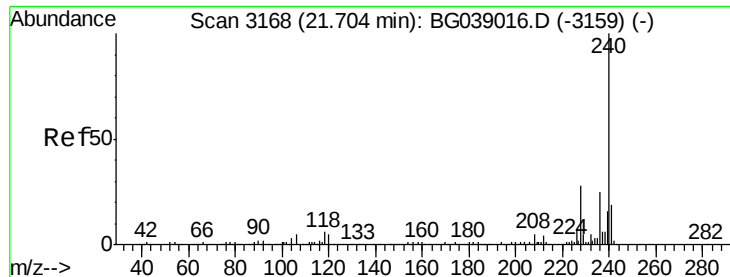
101 6.3 0.0 26.9

203 18.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

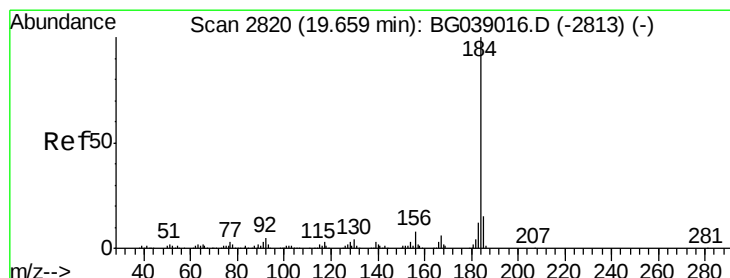
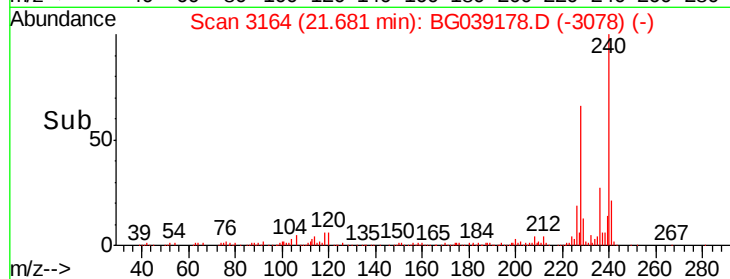
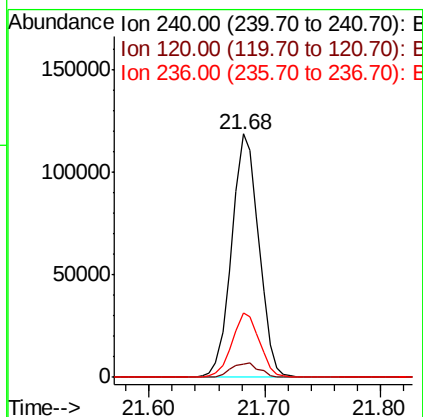
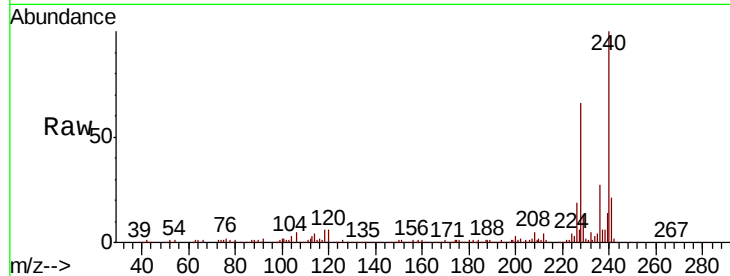




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

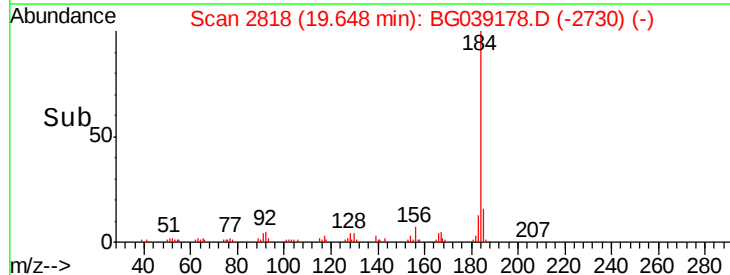
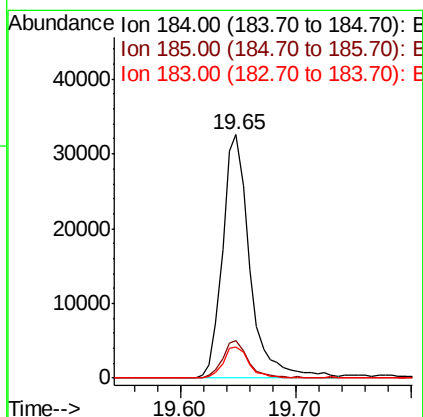
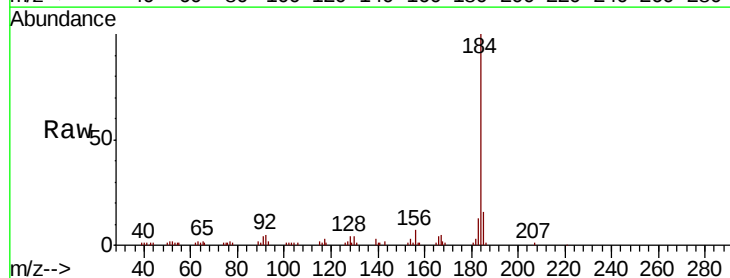
Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMS

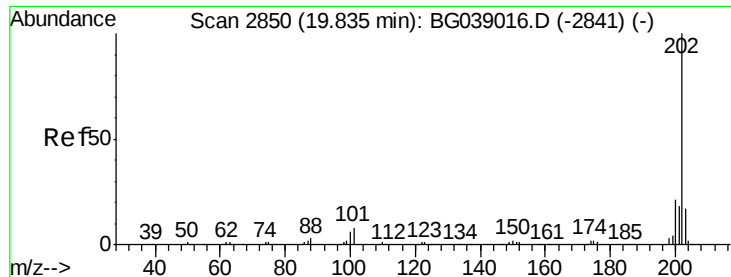
Tgt Ion:240 Resp: 193485
Ion Ratio Lower Upper
240 100
120 5.6 4.3 6.5
236 26.6 20.1 30.1



#77
Benzidine
Concen: 9.029 ng
RT: 19.65 min Scan# 2818
Delta R.T. -0.01 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Tgt Ion:184 Resp: 53433
Ion Ratio Lower Upper
184 100
185 15.6 12.1 18.1
183 12.7 9.5 14.3

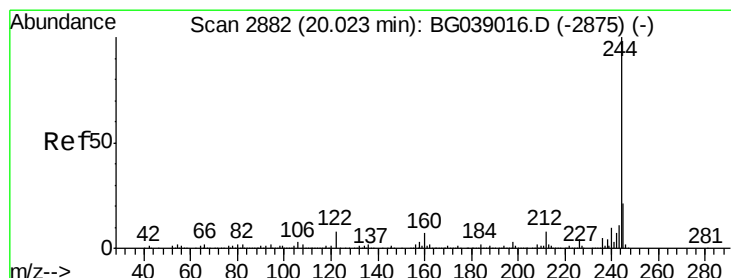
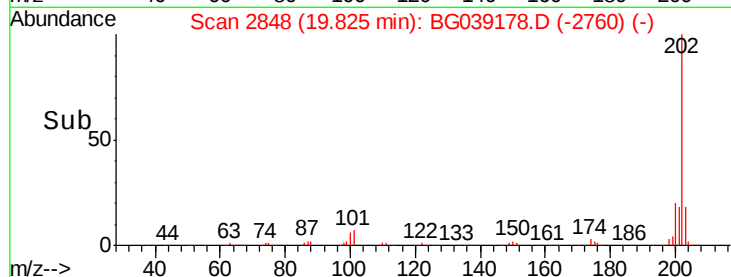
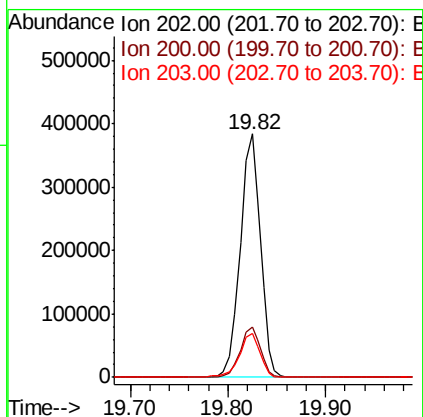
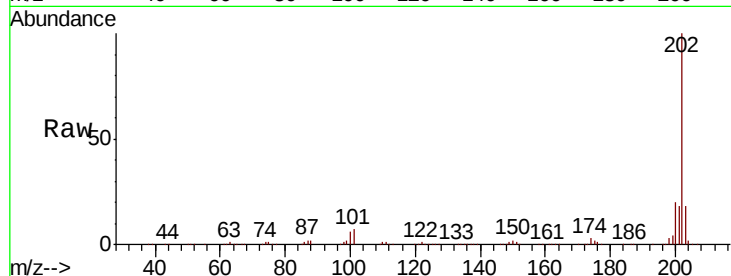




#78
 Pyrene
 Concen: 44.805 ng
 RT: 19.82 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

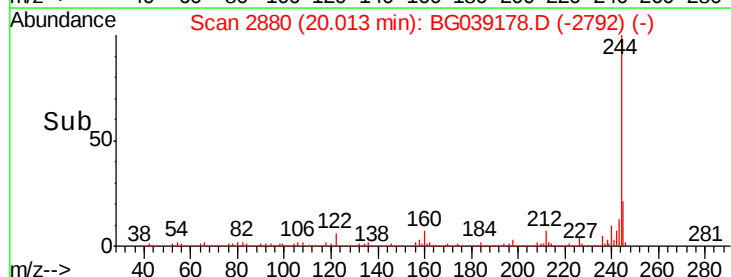
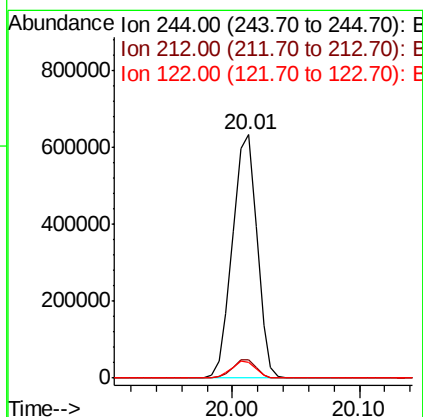
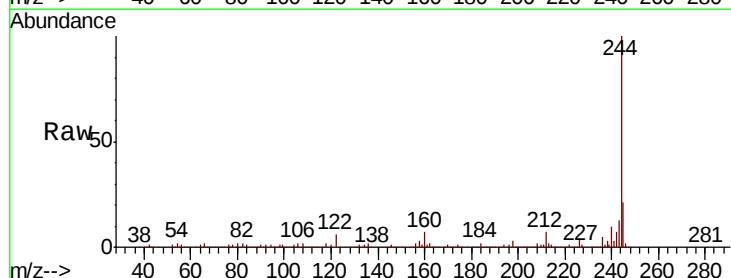
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMS

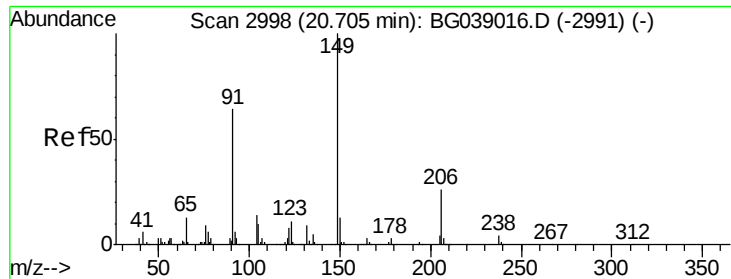
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.0	25.6
203	17.9	14.0	21.0



#79
 Terphenyl-d14
 Concen: 81.006 ng
 RT: 20.01 min Scan# 2880
 Delta R.T. -0.01 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	6.4	6.1	9.1

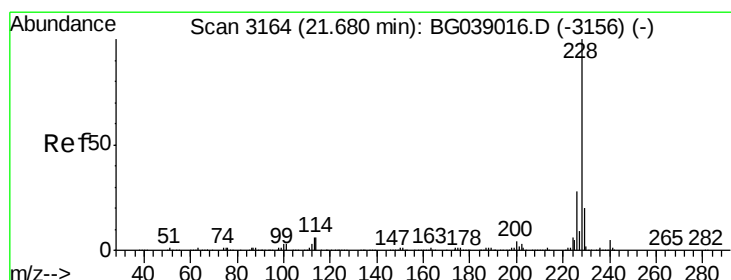
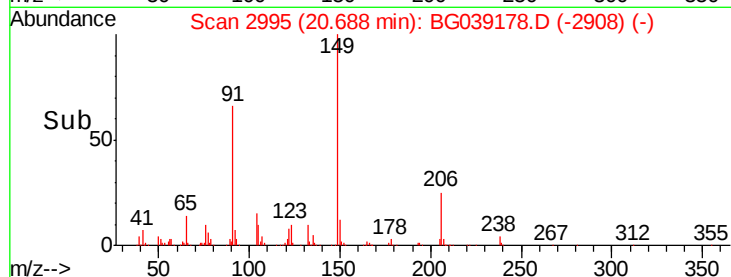
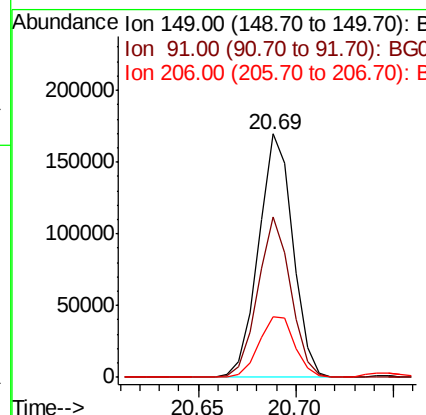
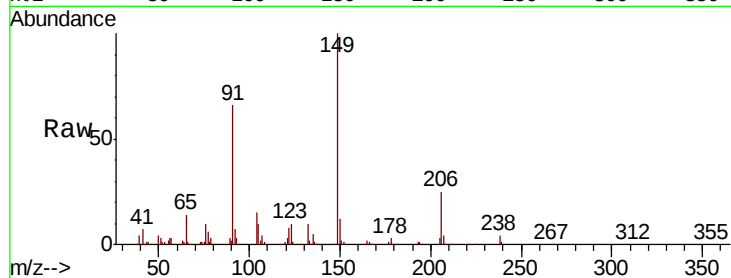




#80
Butylbenzylphthalate
Concen: 43.894 ng
RT: 20.69 min Scan# 2995
Delta R.T. -0.02 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

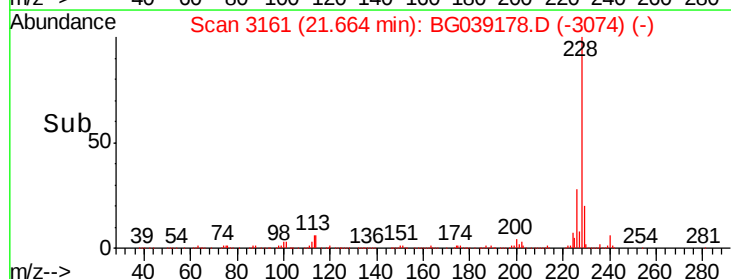
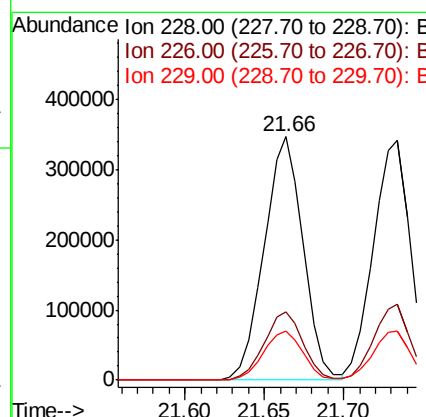
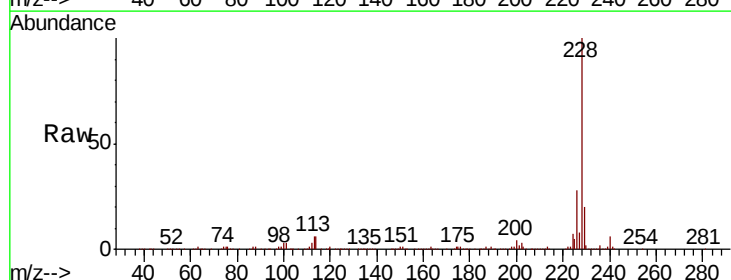
Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMS

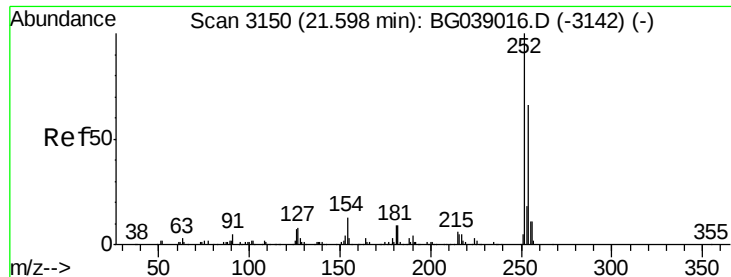
Tgt Ion:149 Resp: 205854
Ion Ratio Lower Upper
149 100
91 66.1 51.4 77.0
206 25.0 20.4 30.6



#81
Benzo(a)anthracene
Concen: 50.291 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.02 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Tgt Ion:228 Resp: 592342
Ion Ratio Lower Upper
228 100
226 28.3 22.4 33.6
229 20.0 16.2 24.2





#82

3,3'-Dichlorobenzidine

Concen: 10.106 ng

RT: 21.58 min Scan# 3146

Delta R.T. -0.02 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMS

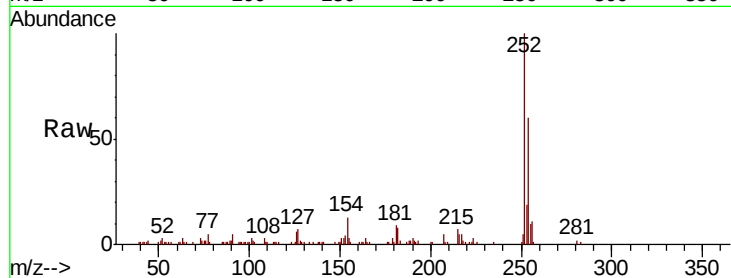
Tgt Ion:252 Resp: 48501

Ion Ratio Lower Upper

252 100

254 59.8 53.0 79.6

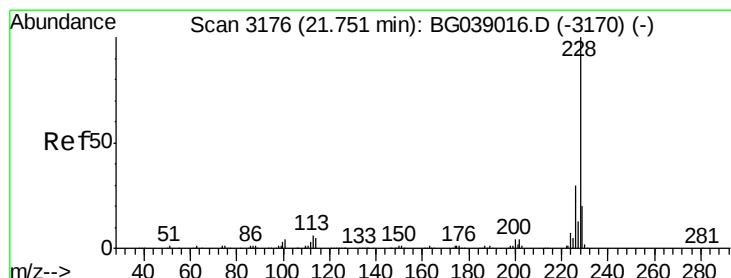
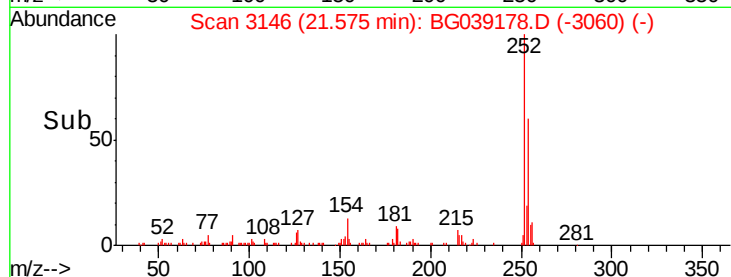
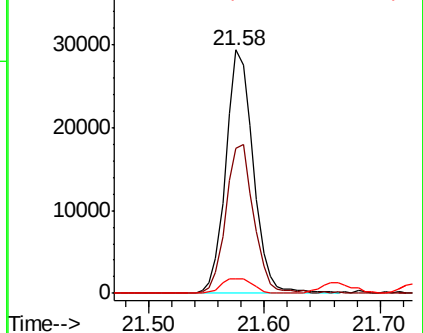
126 5.9 6.0 9.0#



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: 49.598 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.02 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

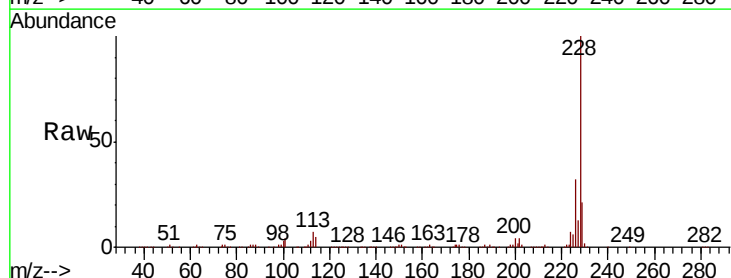
Tgt Ion:228 Resp: 555614

Ion Ratio Lower Upper

228 100

226 31.5 24.1 36.1

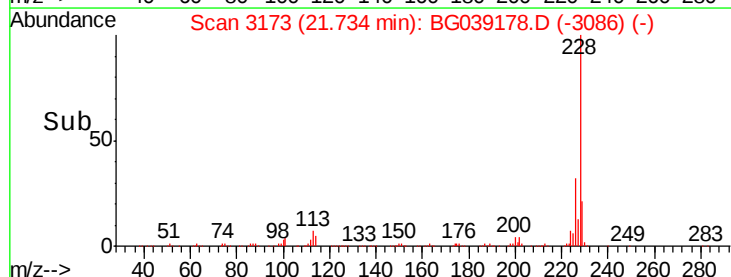
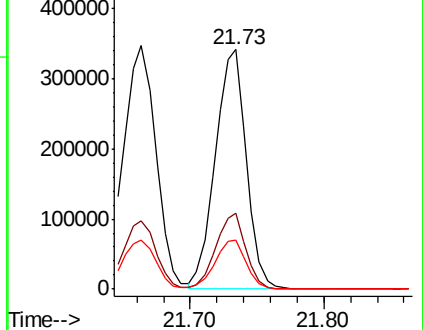
229 20.7 16.0 24.0

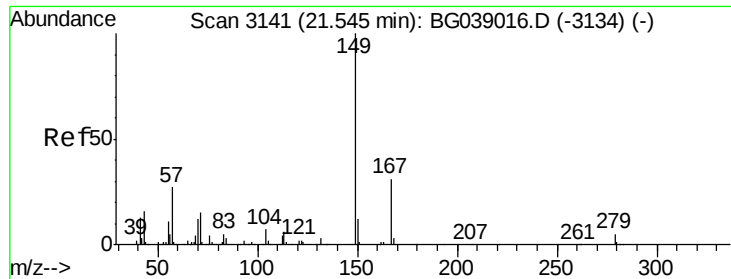


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 49.270 ng

RT: 21.53 min Scan# 3138

Delta R.T. -0.02 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMS

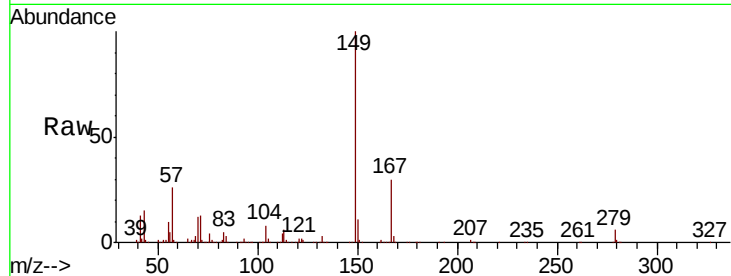
Tgt Ion:149 Resp: 320838

Ion Ratio Lower Upper

149 100

167 29.6 25.0 37.4

279 5.6 4.3 6.5

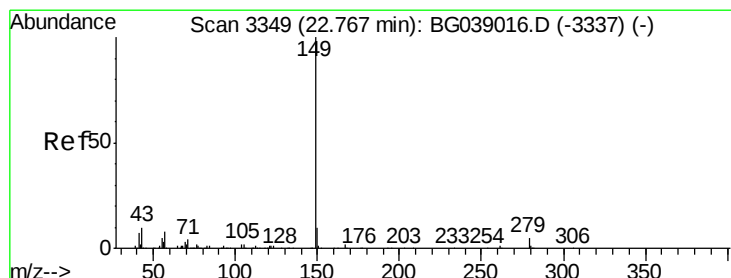
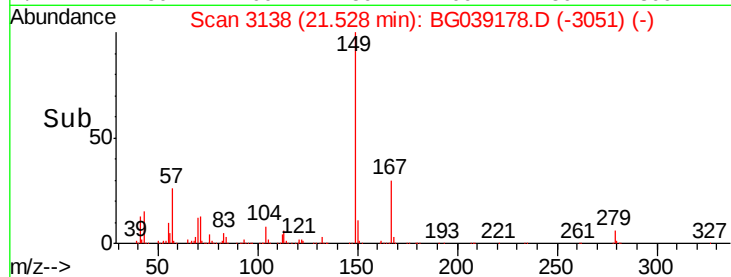
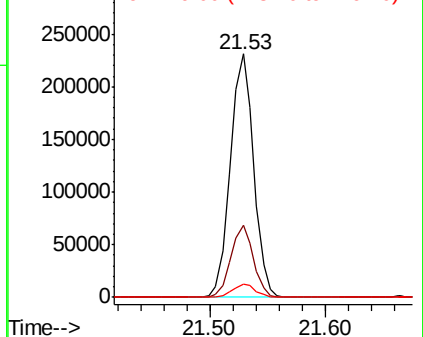


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 47.500 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.02 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

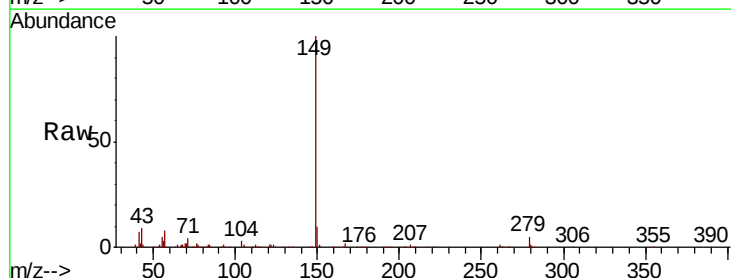
Tgt Ion:149 Resp: 523014

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.7 7.5 11.3

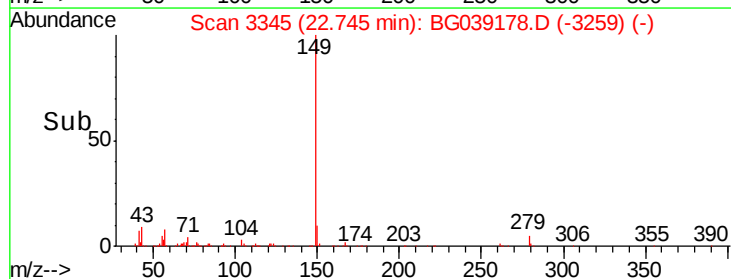
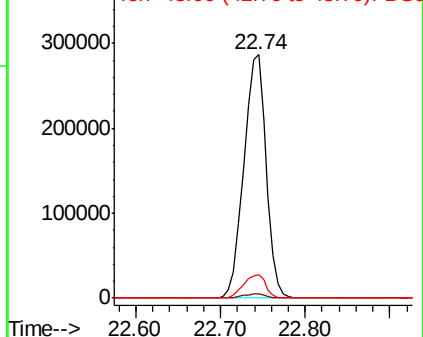


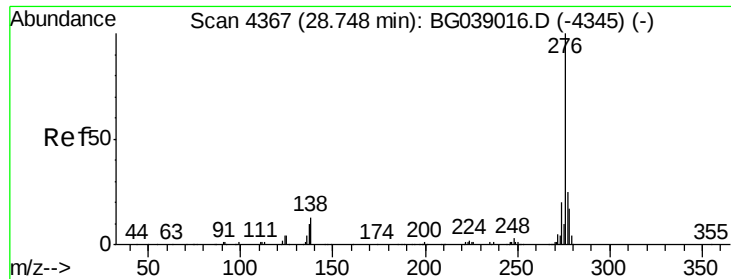
Abundance

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: 48.597 ng

RT: 28.70 min Scan# 4358

Delta R.T. -0.05 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMS

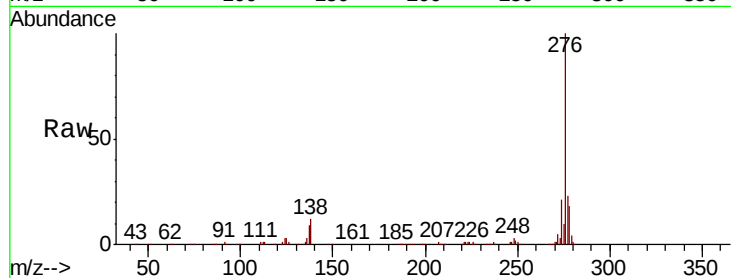
Tgt Ion: 276 Resp: 650505

Ion Ratio Lower Upper

276 100

138 14.5 8.0 12.0#

277 25.4 20.3 30.5

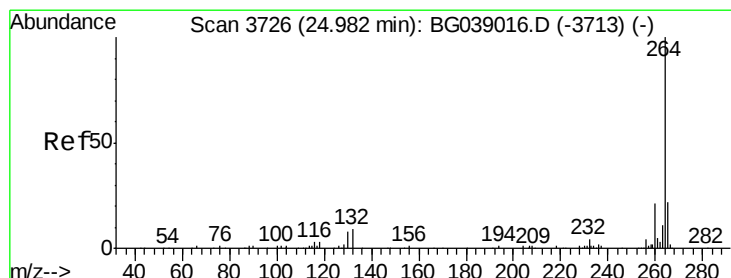
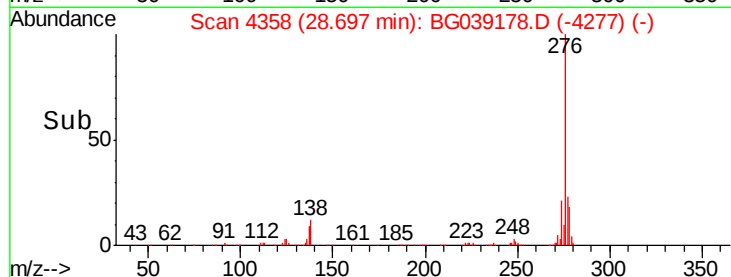
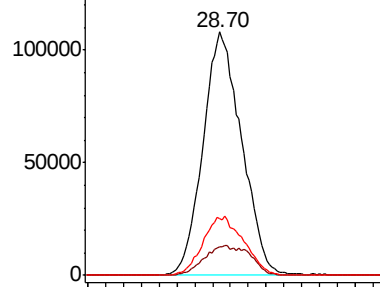


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 24.95 min Scan# 3720

Delta R.T. -0.03 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

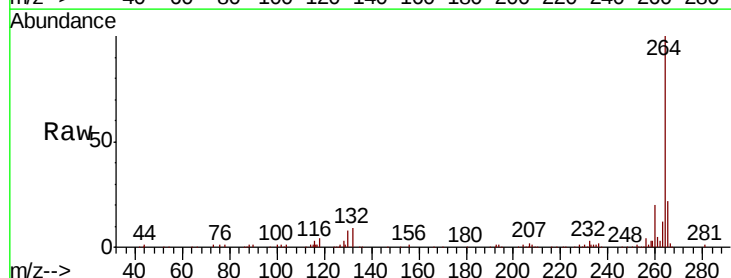
Tgt Ion: 264 Resp: 202405

Ion Ratio Lower Upper

264 100

260 20.4 17.0 25.6

265 21.6 17.2 25.8

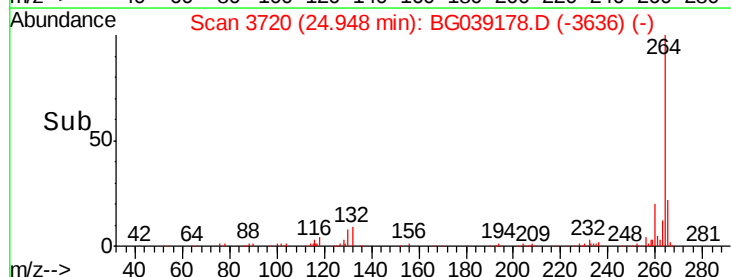
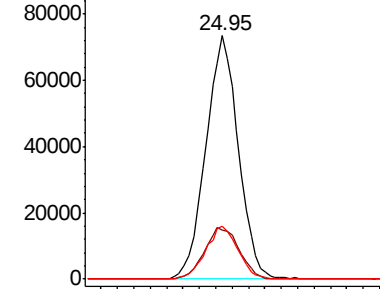


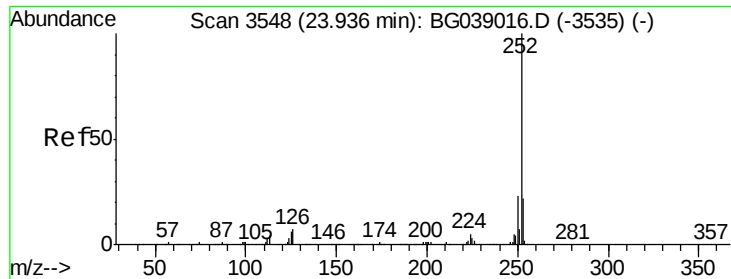
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 49.687 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.03 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMS

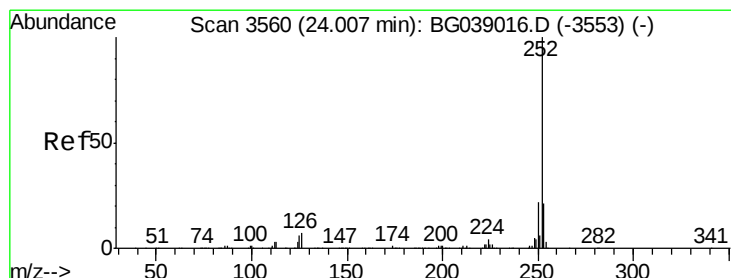
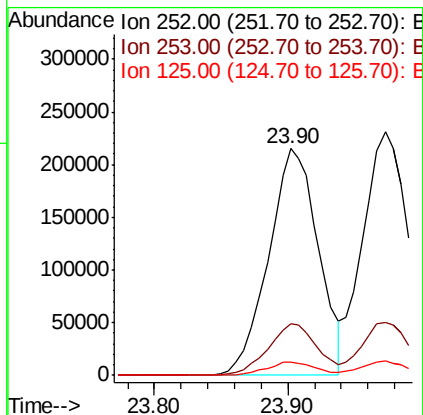
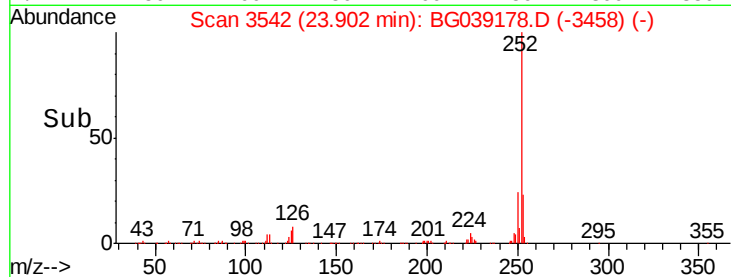
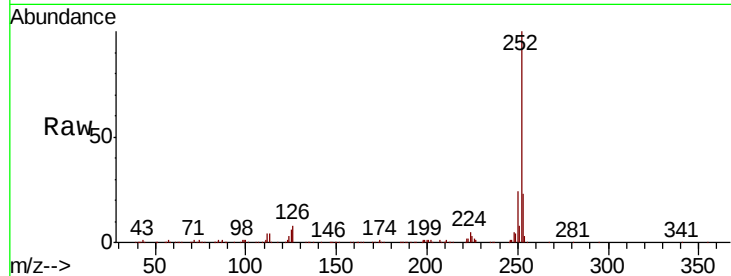
Tgt Ion:252 Resp: 554535

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 5.8 4.9 7.3



#89

Benzo(k)fluoranthene

Concen: 49.315 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.03 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

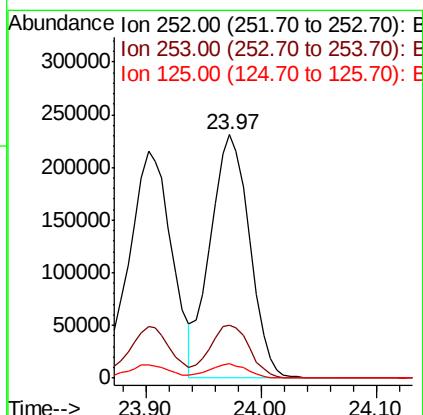
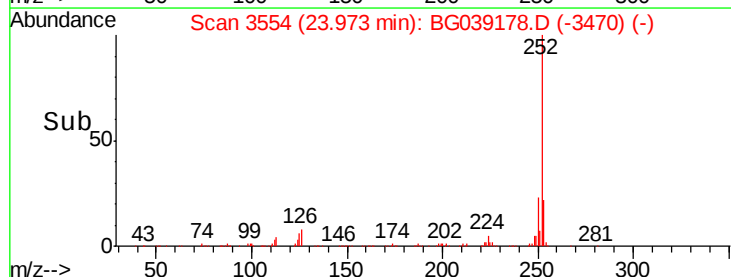
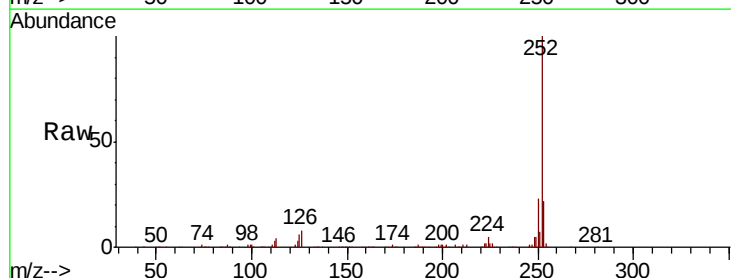
Tgt Ion:252 Resp: 544180

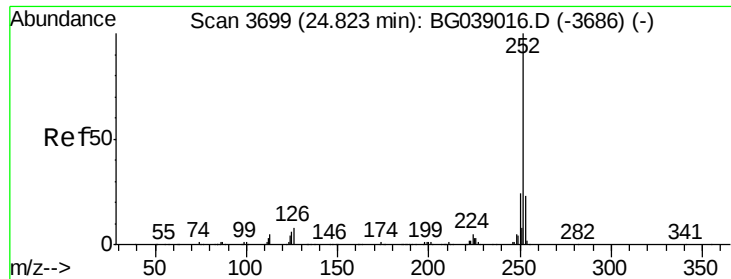
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 5.7 4.6 7.0





#90

Benzo(a)pyrene

Concen: 49.885 ng

RT: 24.80 min Scan# 3694

Delta R.T. -0.03 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMS

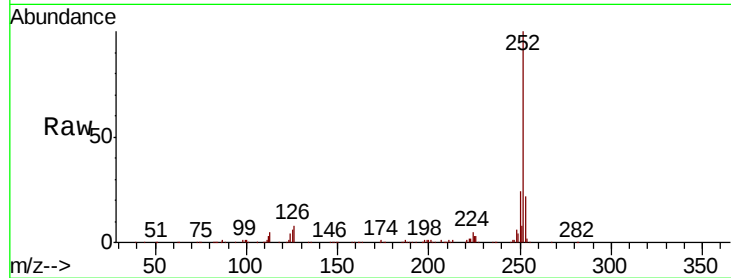
Tgt Ion:252 Resp: 538133

Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

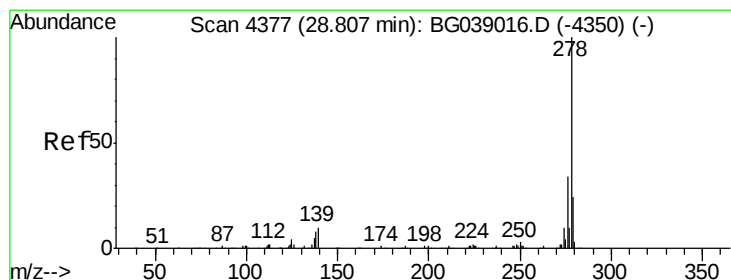
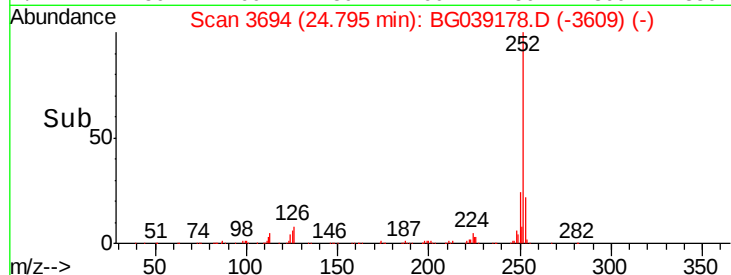
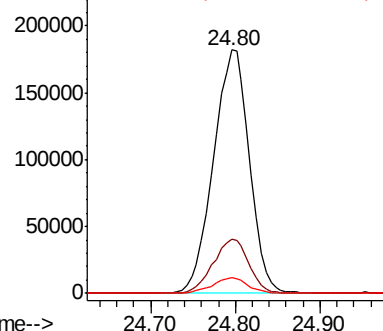
125 6.3 4.9 7.3



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: 50.494 ng

RT: 28.75 min Scan# 4367

Delta R.T. -0.06 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

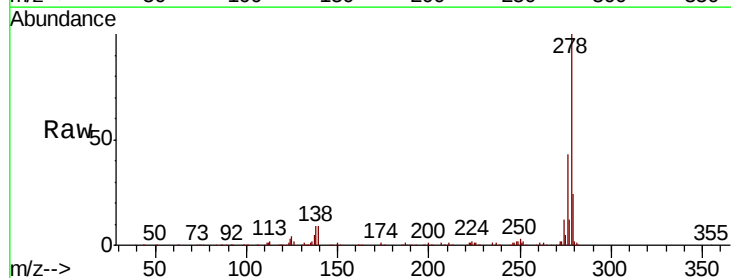
Tgt Ion:278 Resp: 541803

Ion Ratio Lower Upper

278 100

139 9.0 7.9 11.9

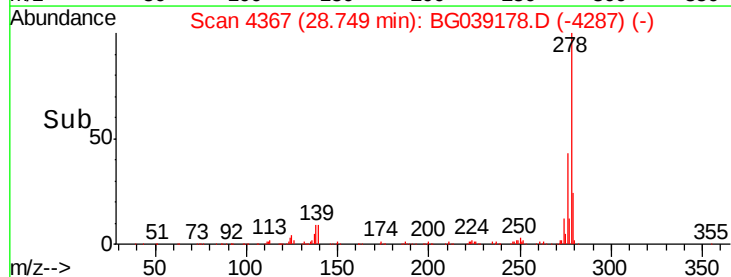
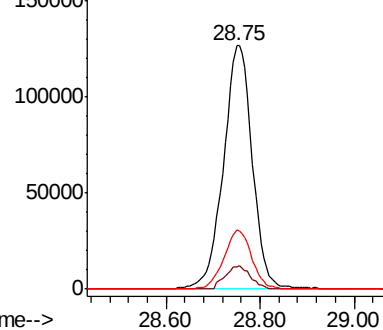
279 24.2 19.3 28.9

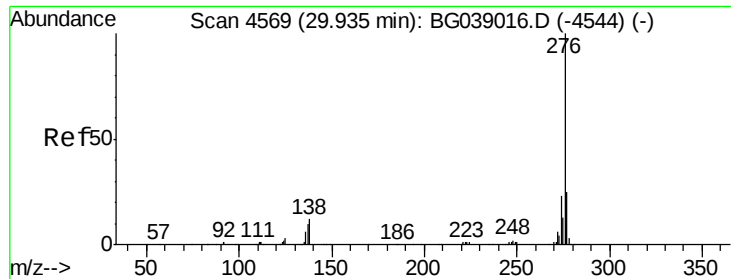


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 50.638 ng

RT: 29.87 min Scan# 4558

Delta R.T. -0.06 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMS

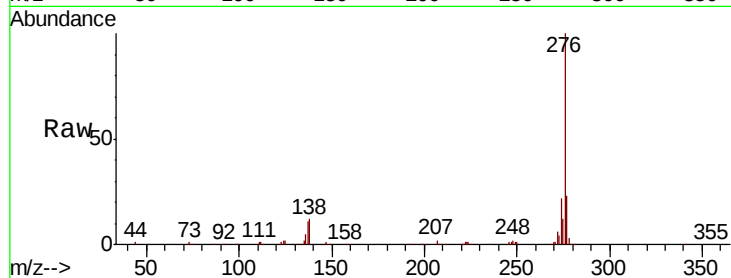
Tgt Ion: 276 Resp: 537911

Ion Ratio Lower Upper

276 100

277 22.8 20.3 30.5

138 12.1 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

