

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
 Data File : BG039156.D
 Acq On : 16 Jan 2019 14:25
 Operator : JU/SJ
 Sample : K1015-06MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 16 15:22:12 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 16 14:03:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	21711	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	90811	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	68640	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	191700	20.00	ng	0.00
76) Chrysene-d12	21.68	240	185775	20.00	ng	0.00
87) Perylene-d12	24.96	264	210814	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	170194	148.71	ng	0.00
7) Phenol-d6	7.18	99	223722	135.83	ng	0.00
23) Nitrobenzene-d5	9.20	82	152779	92.06	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	169265	147.11	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	453249	90.37	ng	0.00
79) Terphenyl-d14	20.01	244	910033	90.62	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.45	88	12973	28.945	ng	# 6
3) Pyridine	3.87	79	49451	40.606	ng	92
4) n-Nitrosodimethylamine	3.78	42	29315	53.493	ng	97
6) Aniline	7.35	93	22057	11.151	ng	95
8) 2-Chlorophenol	7.58	128	60626	44.937	ng	100
9) Benzaldehyde	7.16	77	20105	21.166	ng	96
10) Phenol	7.21	94	66630	40.349	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	51943	41.156	ng	95
12) 1,3-Dichlorobenzene	7.91	146	63416	39.232	ng	96
13) 1,4-Dichlorobenzene	8.05	146	67270	41.092	ng	97
14) 1,2-Dichlorobenzene	8.37	146	65502	41.965	ng	98
15) Benzyl Alcohol	8.26	79	58572	47.221	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	102540	42.370	ng	98
17) 2-Methylphenol	8.46	107	52753	46.007	ng	97
18) Hexachloroethane	9.09	117	21414	38.503	ng	97
19) n-Nitroso-di-n-propylamine	8.82	70	44092	40.765	ng	95
20) 3+4-Methylphenols	8.79	107	70614	43.194	ng	99
22) Acetophenone	8.85	105	92154	38.858	ng	# 98
24) Nitrobenzene	9.24	77	66142	39.430	ng	# 95
25) Isophorone	9.76	82	142374	49.804	ng	100
26) 2-Nitrophenol	9.95	139	39365	43.386	ng	95
27) 2,4-Dimethylphenol	10.00	122	71646	56.127	ng	95
28) bis(2-Chloroethoxy)methane	10.24	93	78927	45.939	ng	97
29) 2,4-Dichlorophenol	10.48	162	77966	49.165	ng	95
30) 1,2,4-Trichlorobenzene	10.70	180	76582	40.192	ng	95
31) Naphthalene	10.88	128	199709	43.848	ng	99
32) Benzoic acid	10.17	122	26509	36.567	ng	97
33) 4-Chloroaniline	11.01	127	6432	3.156	ng	# 83
34) Hexachlorobutadiene	11.14	225	54078	41.247	ng	96
35) Caprolactam	11.80	113	10357	16.287	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	88306	52.063	ng	92
37) 2-Methylnaphthalene	12.49	142	162529	47.596	ng	99
38) 1-Methylnaphthalene	12.71	142	154812	47.233	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	103374	40.101	ng	99

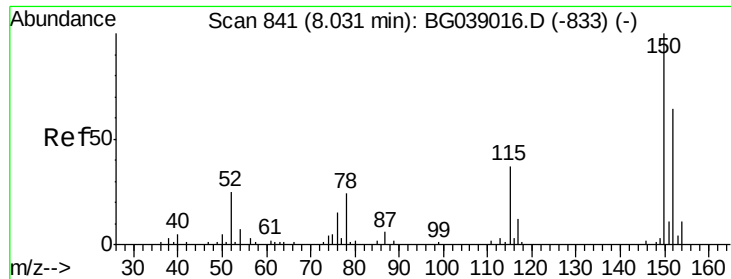
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
 Data File : BG039156.D
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 QLast Update : Wed Jan 16 14:03:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	107850	74.694	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	70441	43.417	ng	95
44) 2,4,5-Trichlorophenol	13.18	196	75850	44.234	ng	98
46) 1,1'-Biphenyl	13.49	154	214240	39.390	ng	99
47) 2-Chloronaphthalene	13.54	162	172640	39.225	ng	100
48) 2-Nitroaniline	13.76	65	52393	42.491	ng	96
49) Acenaphthylene	14.39	152	287321	43.432	ng	99
50) Dimethylphthalate	14.12	163	244656	42.179	ng	99
51) 2,6-Dinitrotoluene	14.25	165	53951	41.603	ng	93
52) Acenaphthene	14.73	154	164209	41.314	ng	99
53) 3-Nitroaniline	14.59	138	5960	4.530	ng	# 91
54) 2,4-Dinitrophenol	14.79	184	53619	69.887	ng	95
55) Dibenzofuran	15.06	168	286582	40.825	ng	99
56) 4-Nitrophenol	14.90	139	67087	70.874	ng	98
57) 2,4-Dinitrotoluene	15.04	165	76386	41.056	ng	94
58) Fluorene	15.71	166	229952	43.519	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.29	232	74487	46.017	ng	98
60) Diethylphthalate	15.47	149	241917	40.480	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	133258	40.030	ng	100
62) 4-Nitroaniline	15.75	138	47925	34.970	ng	91
63) Azobenzene	15.99	77	185731	39.741	ng	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	44965	31.660	ng	96
66) n-Nitrosodiphenylamine	15.91	169	213514	37.571	ng	100
67) 4-Bromophenyl-phenylether	16.59	248	103280	41.912	ng	98
68) Hexachlorobenzene	16.71	284	103551	38.510	ng	98
69) Atrazine	16.86	200	111968	46.379	ng	95
70) Pentachlorophenol	17.06	266	108995	66.650	ng	92
71) Phenanthrene	17.45	178	438188	43.245	ng	99
72) Anthracene	17.55	178	456589	45.575	ng	100
73) Carbazole	17.82	167	405203	40.971	ng	99
74) Di-n-butylphthalate	18.35	149	454050	41.268	ng	99
75) Fluoranthene	19.46	202	549885	43.776	ng	99
77) Benzidine	19.65	184	55247	9.723	ng	97
78) Pyrene	19.83	202	549572	46.420	ng	99
80) Butylbenzylphthalate	20.69	149	201316	44.708	ng	99
81) Benzo(a)anthracene	21.67	228	508216	44.939	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	49363	10.713	ng	97
83) Chrysene	21.73	228	469892	43.687	ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	274117	43.843	ng	98
85) Di-n-octyl phthalate	22.75	149	485449	45.918	ng	100
86) Indeno(1,2,3-cd)pyrene	28.70	276	599739	46.664	ng	98
88) Benzo(b)fluoranthene	23.91	252	535025	46.027	ng	99
89) Benzo(k)fluoranthene	23.97	252	547648	47.650	ng	99
90) Benzo(a)pyrene	24.80	252	506711	45.098	ng	98
91) Dibenzo(a,h)anthracene	28.77	278	497221	44.491	ng	99
92) Benzo(g,h,i)perylene	29.89	276	481226	43.495	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

Instrument :

BNA_G

ClientSampled :

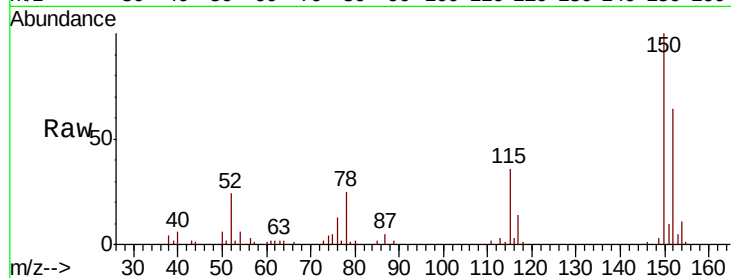
Tot Ion:152 Resp: 21711

Ion Ratio Lower Upper

152 100

150 157.2 124.7 187.1

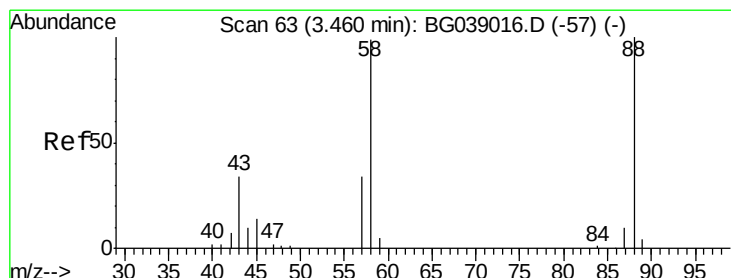
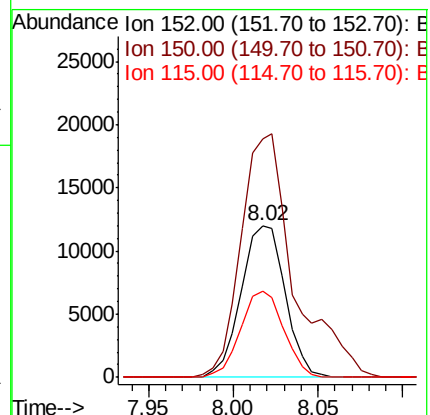
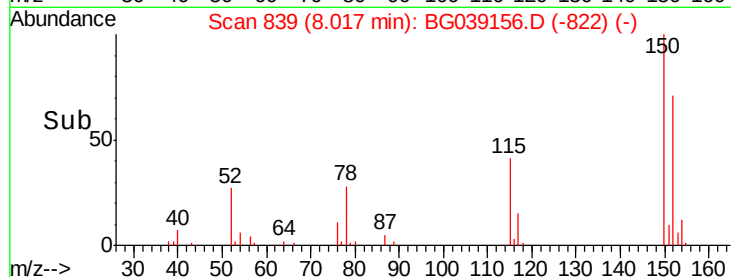
115 57.2 46.5 69.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.945 ng

RT: 3.45 min Scan# 62

Delta R.T. 0.01 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

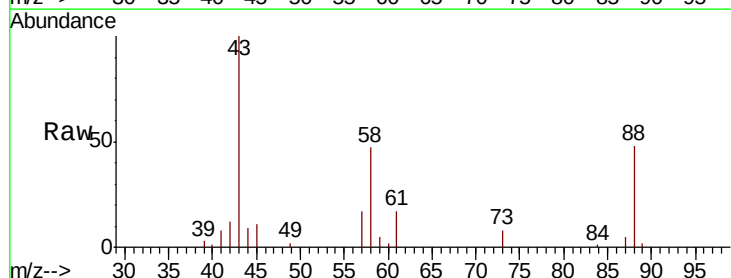
Tgt Ion: 88 Resp: 12973

Ion Ratio Lower Upper

88 100

58 100.4 72.4 108.6

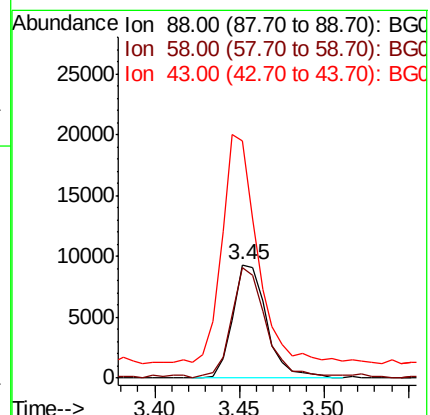
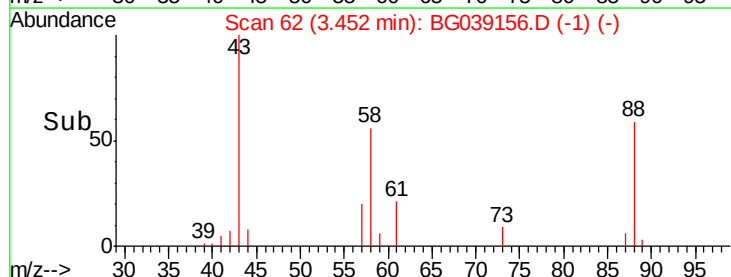
43 214.0 27.6 41.4#

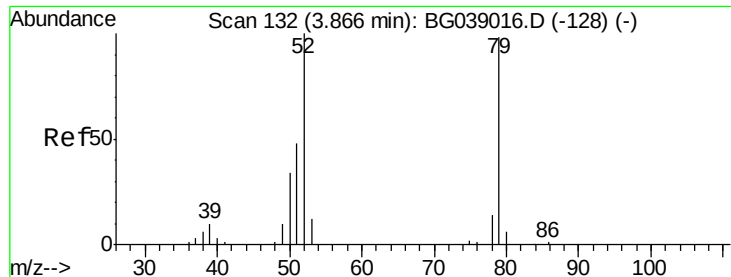


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.606 ng

RT: 3.87 min Scan# 133

Delta R.T. 0.02 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

Instrument :

BNA_G

ClientSampleId :

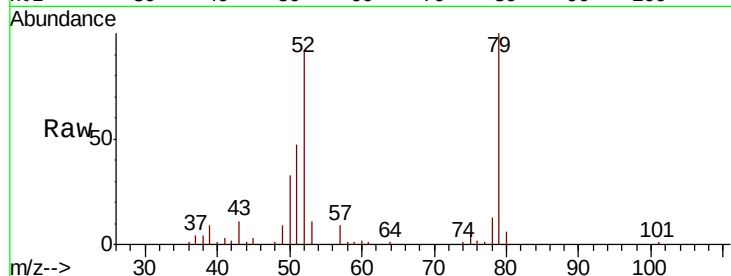
Tot Ion: 79 Resp: 49451

Ion Ratio Lower Upper

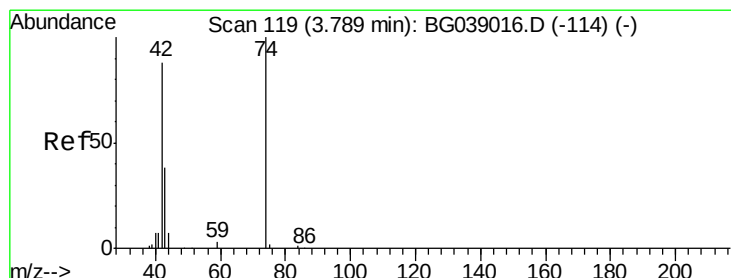
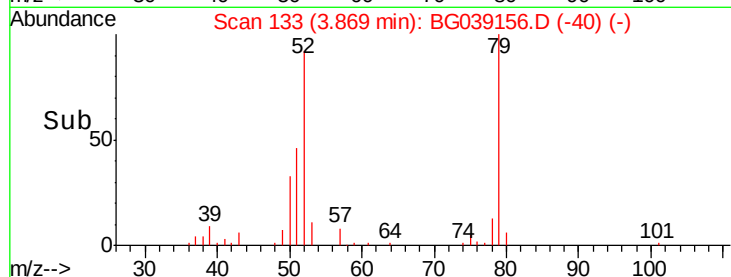
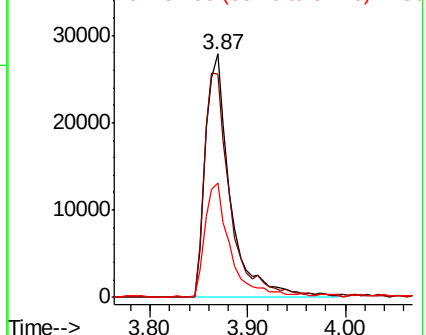
79 100

52 91.7 81.5 122.3

51 47.1 39.8 59.6



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 53.493 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.00 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

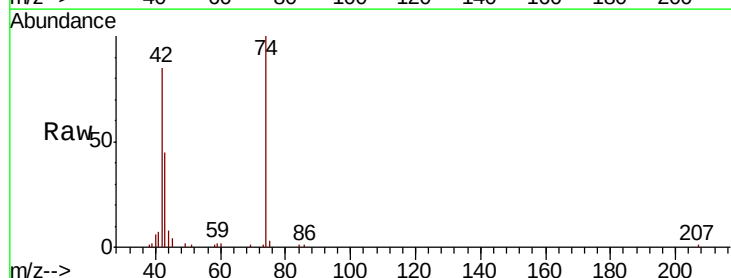
Tgt Ion: 42 Resp: 29315

Ion Ratio Lower Upper

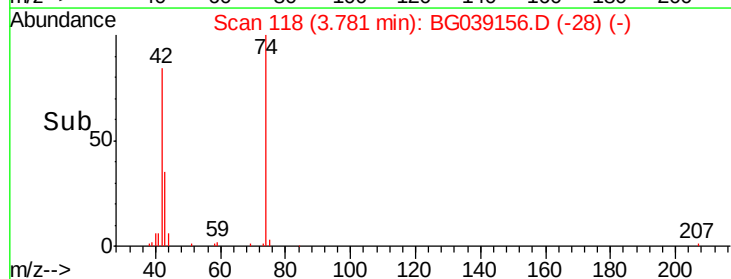
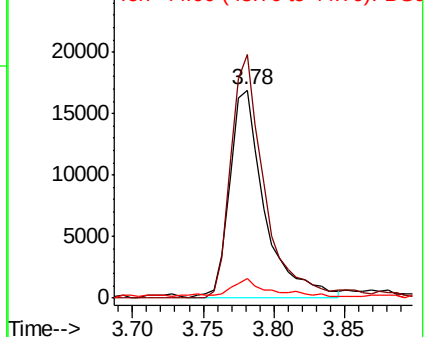
42 100

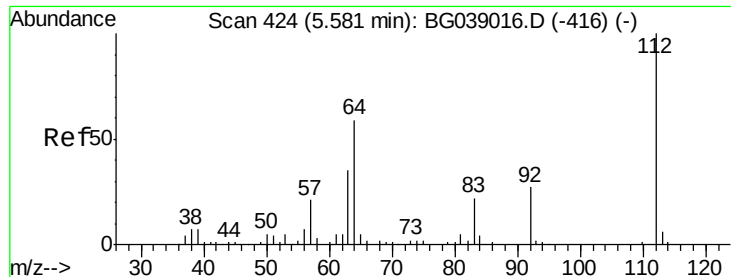
74 117.0 90.7 136.1

44 9.3 6.5 9.7



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 148.706 ng

RT: 5.57 min Scan# 423

Delta R.T. 0.01 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

Instrument :

BNA_G

ClientSampled :

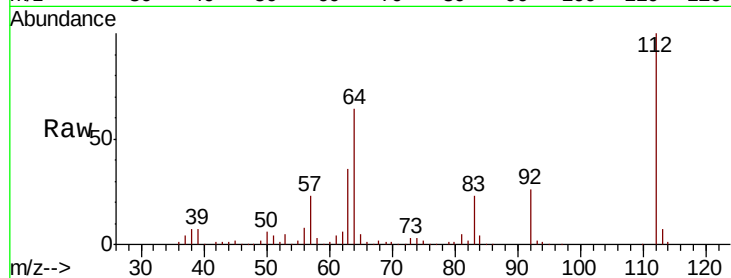
Tot Ion:112 Resp: 170194

Ion Ratio Lower Upper

112 100

64 64.3 47.0 70.6

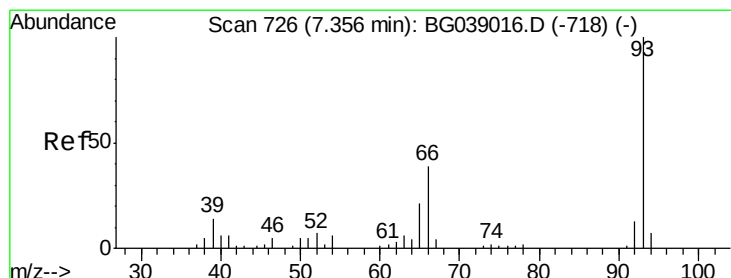
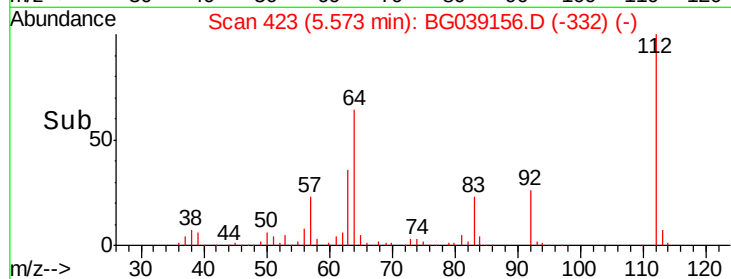
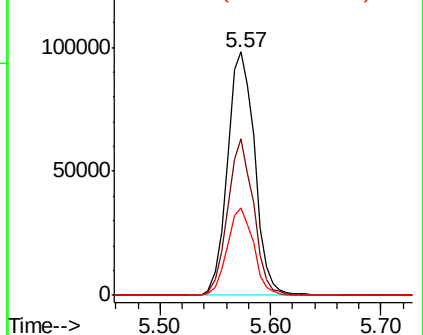
63 36.0 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 11.151 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

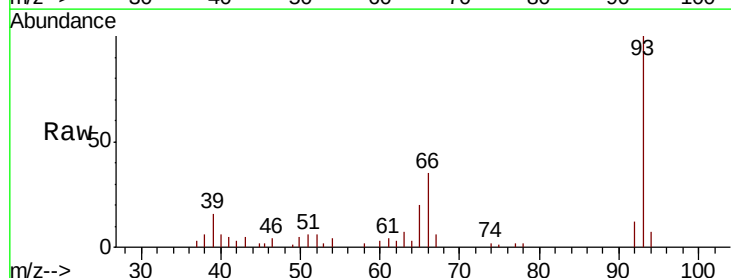
Tgt Ion: 93 Resp: 22057

Ion Ratio Lower Upper

93 100

66 34.9 30.9 46.3

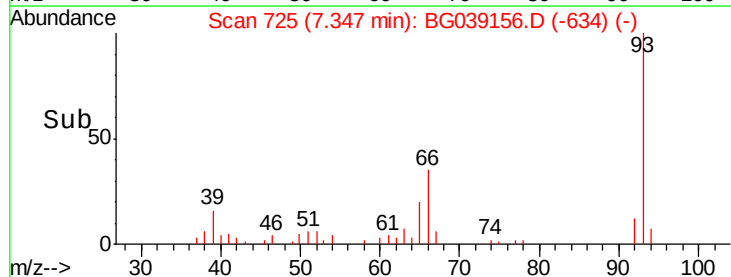
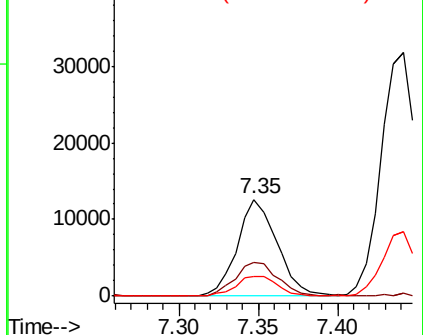
65 19.8 17.0 25.4

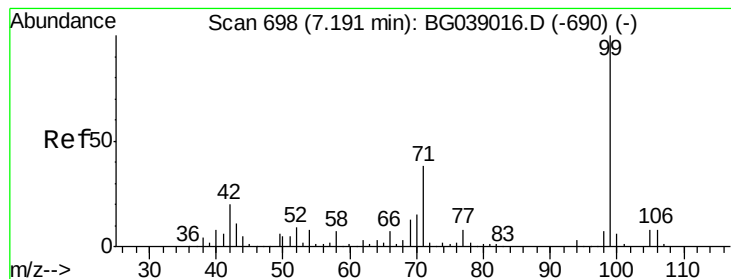


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 135.829 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.01 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

Instrument :

BNA_G

ClientSampleId :

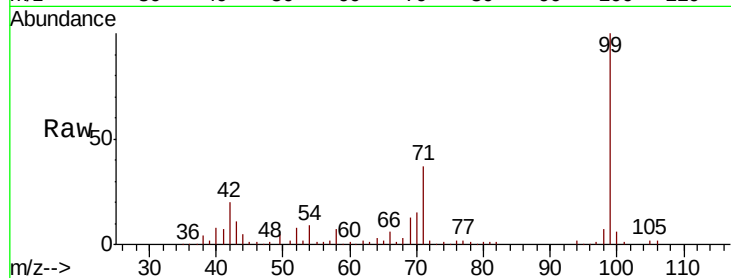
Tot Ion: 99 Resp: 223722

Ion Ratio Lower Upper

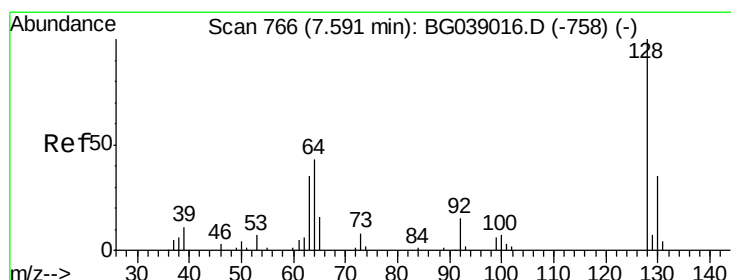
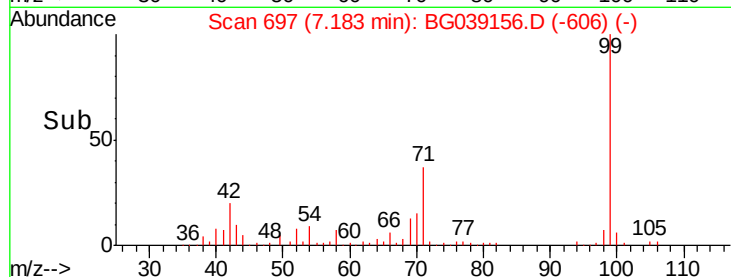
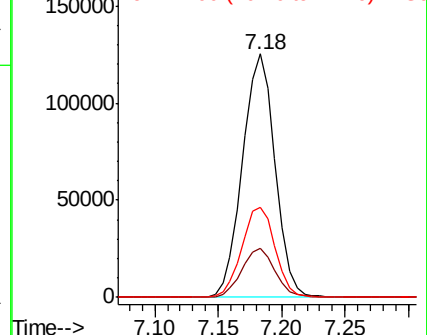
99 100

42 20.2 15.8 23.6

71 37.2 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: 44.937 ng

RT: 7.58 min Scan# 765

Delta R.T. 0.01 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

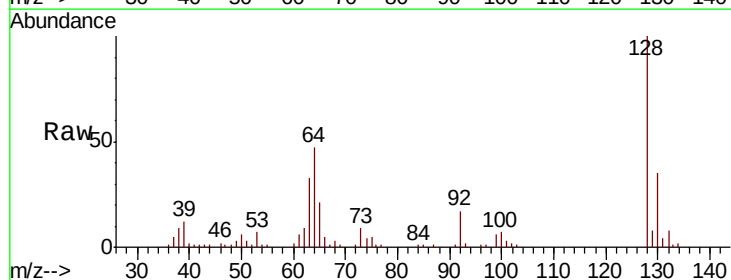
Tgt Ion: 128 Resp: 60626

Ion Ratio Lower Upper

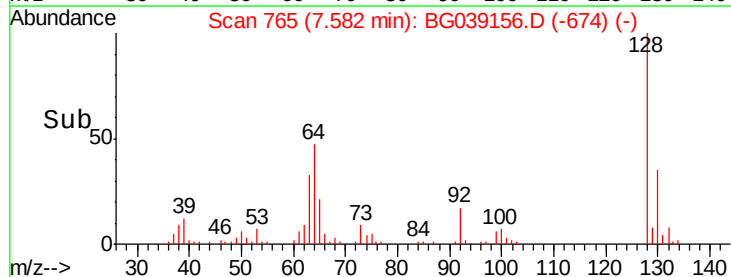
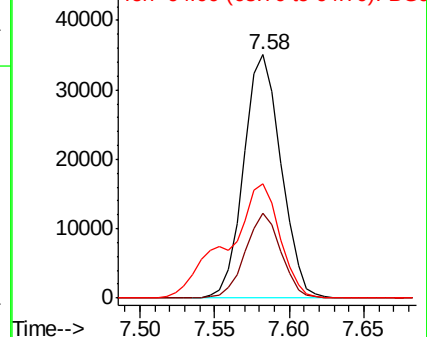
128 100

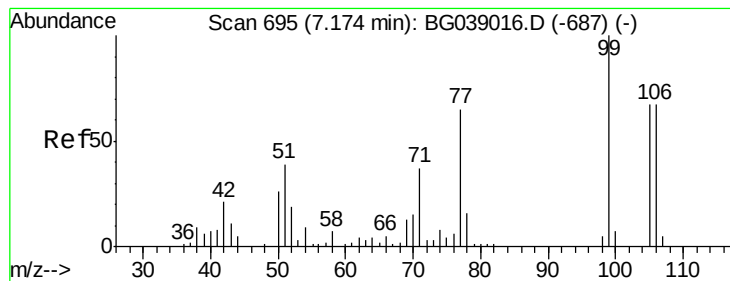
130 34.6 14.5 54.5

64 47.2 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: 21.166 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

Instrument :

BNA_G

ClientSampled :

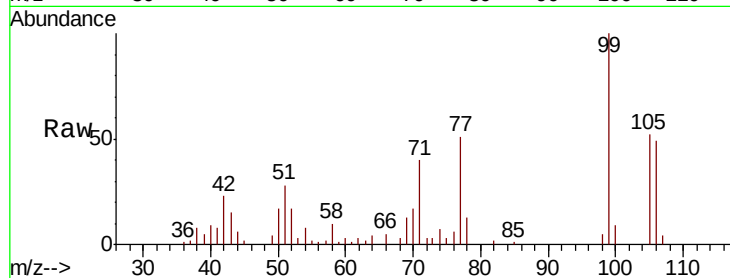
Tot Ion: 77 Resp: 20105

Ion Ratio Lower Upper

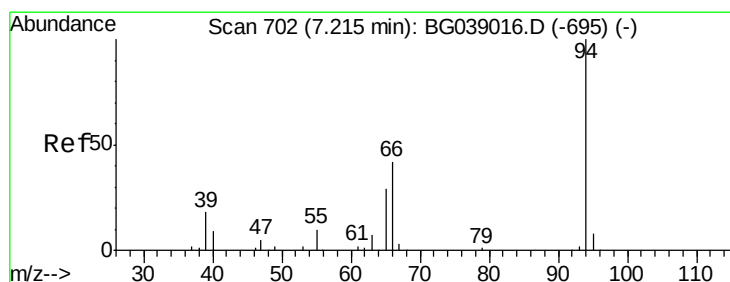
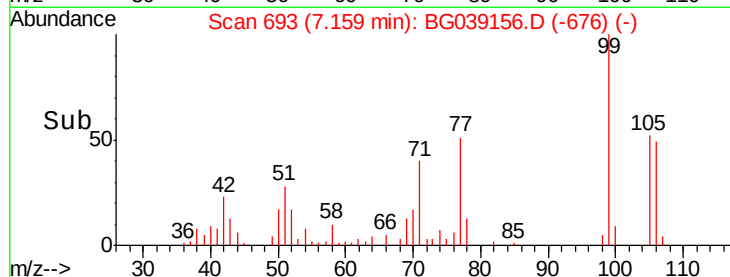
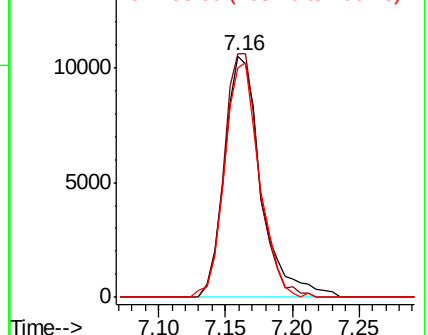
77 100

105 101.0 82.4 122.4

106 95.5 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: 40.349 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

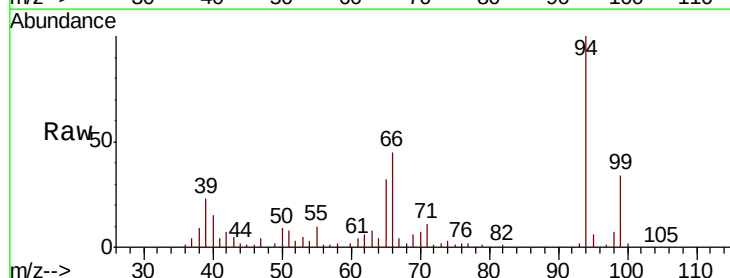
Tgt Ion: 94 Resp: 66630

Ion Ratio Lower Upper

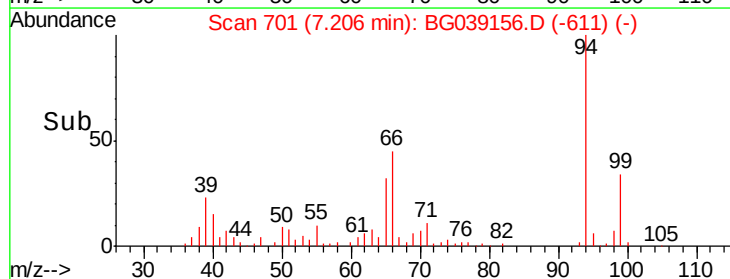
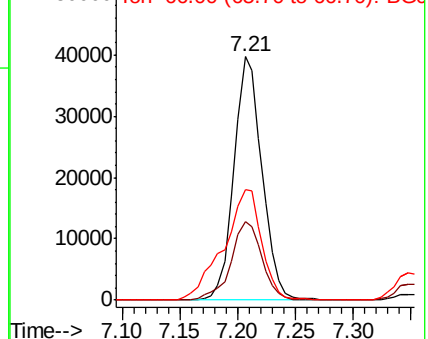
94 100

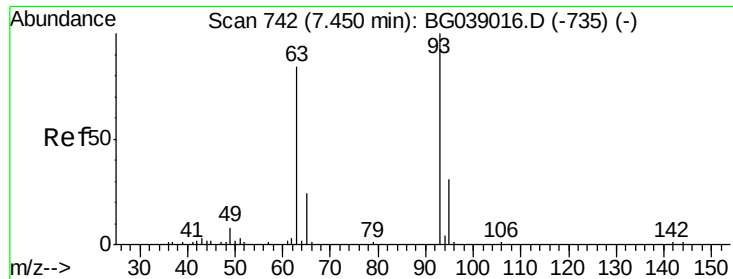
65 32.2 10.3 50.3

66 45.2 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

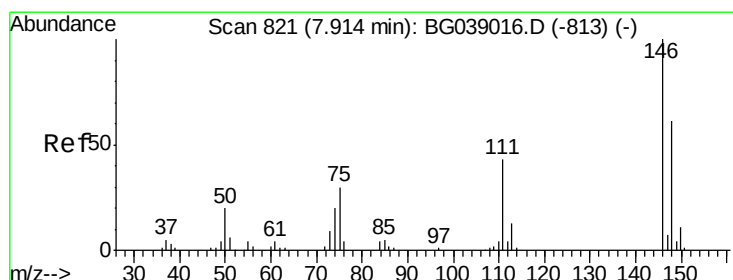
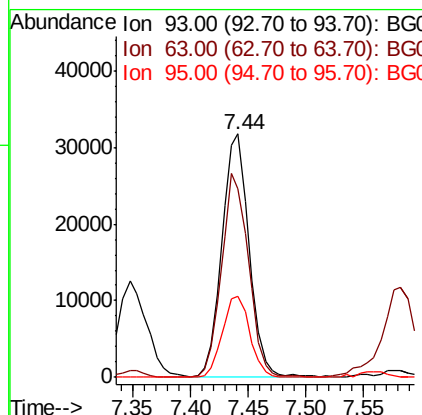
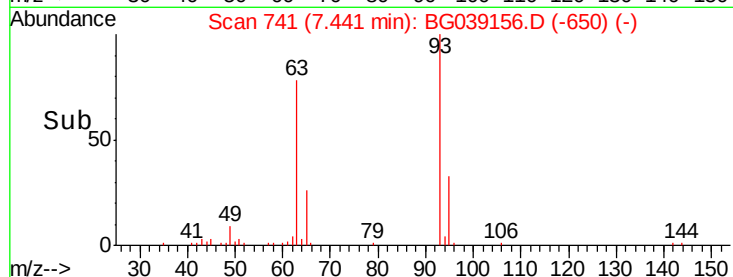
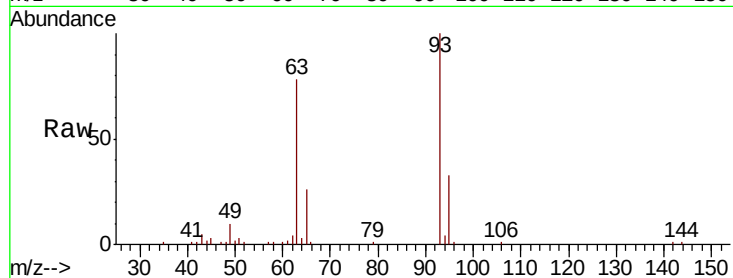




#11
bis(2-Chloroethyl)ether
Concen: 41.156 ng
RT: 7.44 min Scan# 741
Delta R.T. 0.01 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

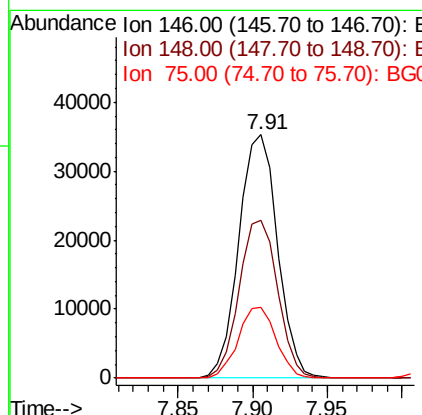
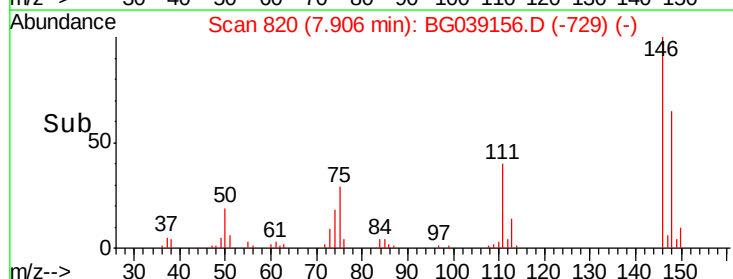
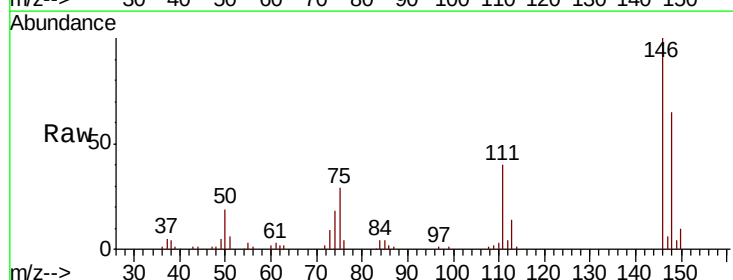
Instrument :
BNA_G
ClientSampleId :

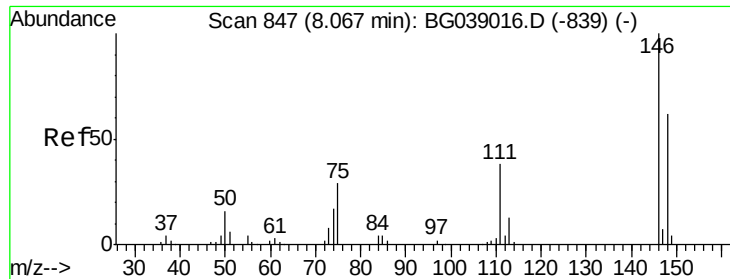
Tot Ion: 93 Resp: 51943
Ion Ratio Lower Upper
93 100
63 77.6 63.2 103.2
95 33.1 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 39.232 ng
RT: 7.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

Tgt Ion: 146 Resp: 63416
Ion Ratio Lower Upper
146 100
148 65.0 49.1 73.7
75 29.2 23.9 35.9

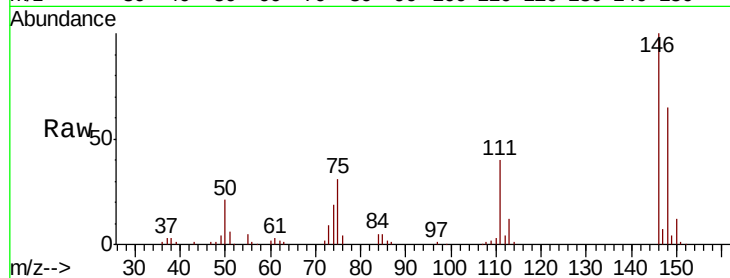




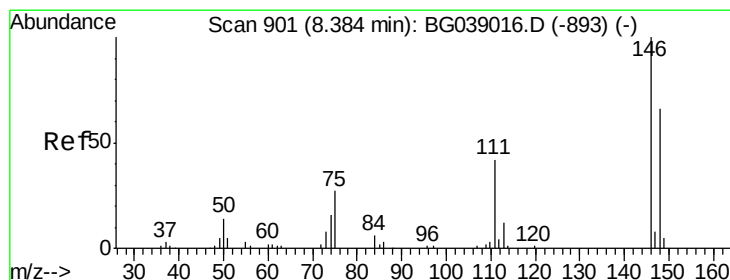
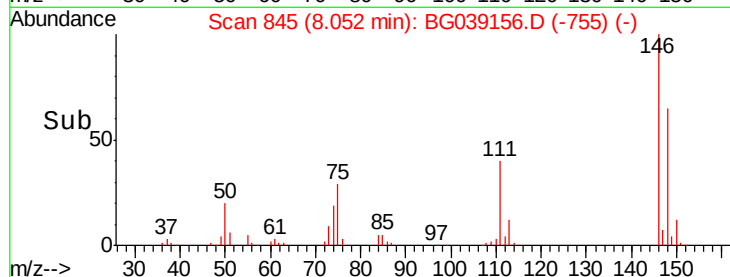
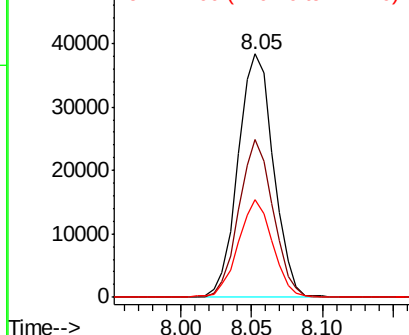
#13
 1,4-Dichlorobenzene
 Concen: 41.092 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BG039156.D
 Acq: 16 Jan 2019 14:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 67270
 Ion Ratio Lower Upper
 146 100
 148 64.9 49.8 74.6
 111 40.2 30.6 45.8

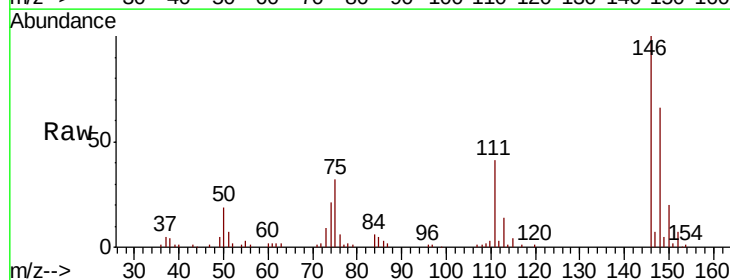


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

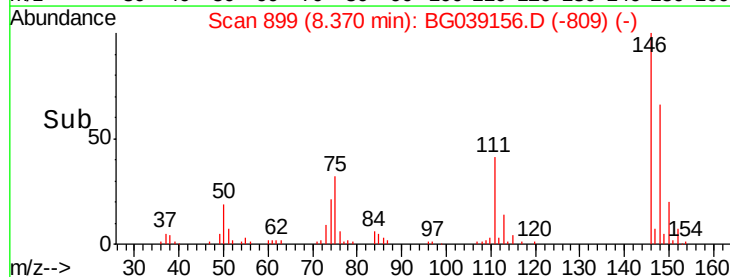
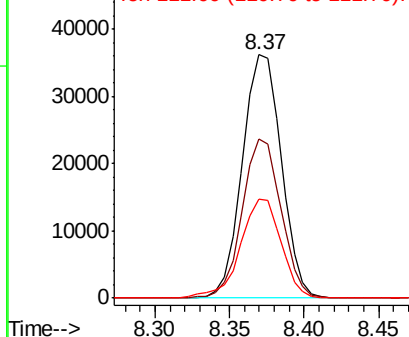


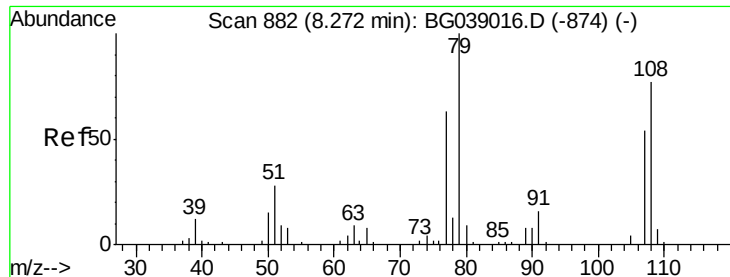
#14
 1,2-Dichlorobenzene
 Concen: 41.965 ng
 RT: 8.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BG039156.D
 Acq: 16 Jan 2019 14:25

Tgt Ion:146 Resp: 65502
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.6 79.0
 111 40.6 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: 47.221 ng

RT: 8.26 min Scan# 881

Delta R.T. -0.00 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

Instrument :
BNA_G
ClientSampled :

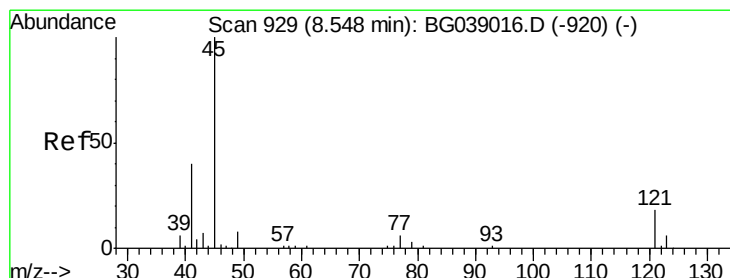
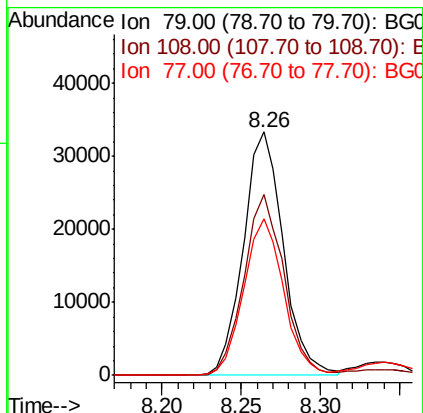
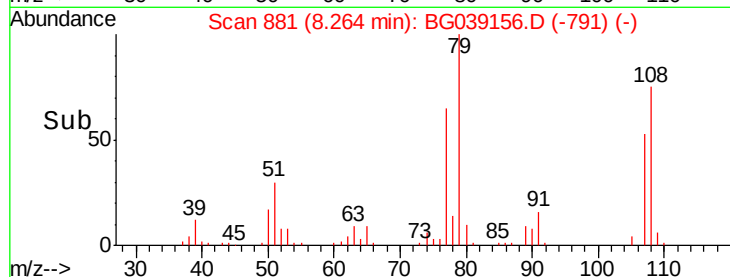
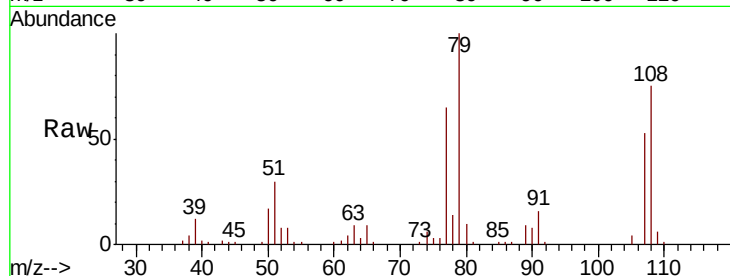
Tot Ion: 79 Resp: 58572

Ion Ratio Lower Upper

79 100

108 74.5 62.0 93.0

77 64.6 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.370 ng

RT: 8.54 min Scan# 928

Delta R.T. 0.01 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

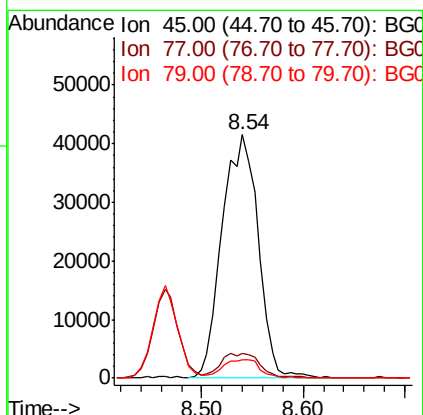
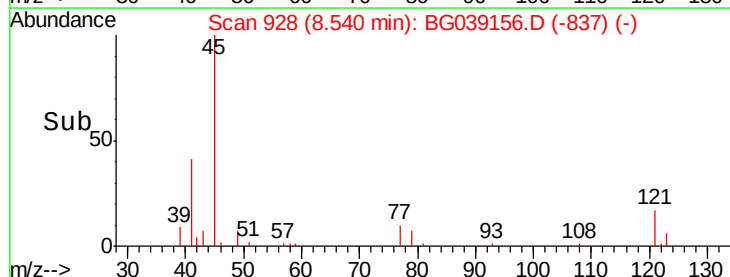
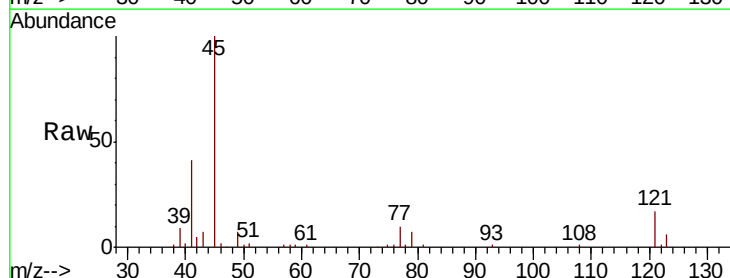
Tgt Ion: 45 Resp: 102540

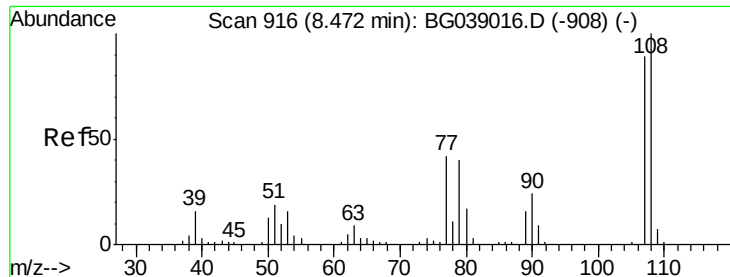
Ion Ratio Lower Upper

45 100

77 10.3 0.0 30.7

79 7.3 0.0 28.5

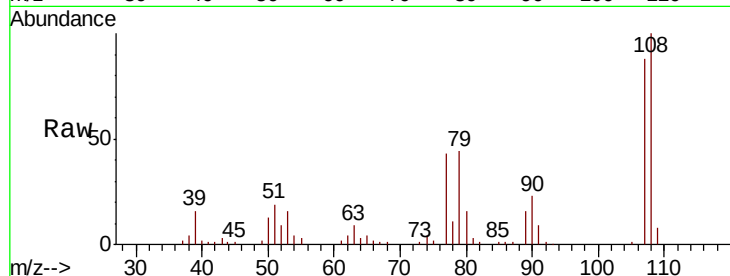




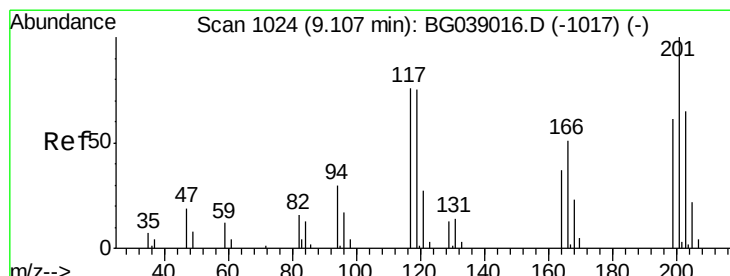
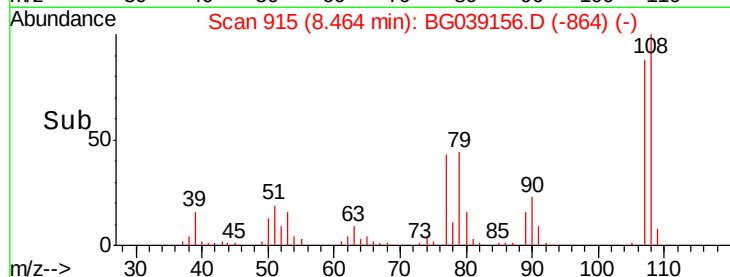
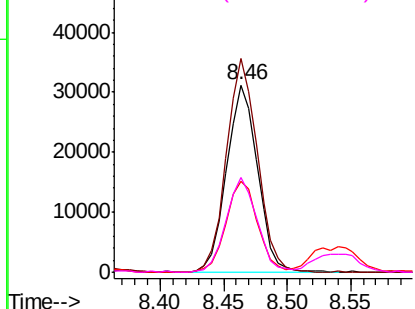
#17
2-Methylphenol
Concen: 46.007 ng
RT: 8.46 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 52753
Ion Ratio Lower Upper
107 100
108 113.9 90.3 135.5
77 48.7 38.3 57.5
79 50.3 35.8 53.6

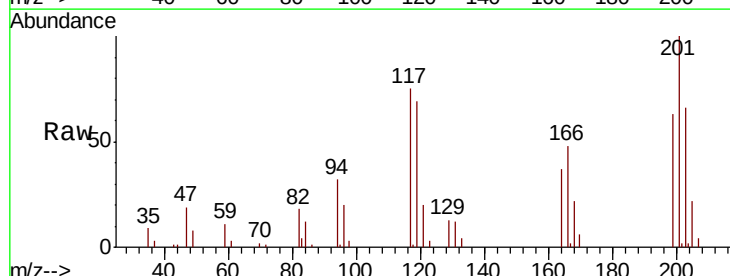


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

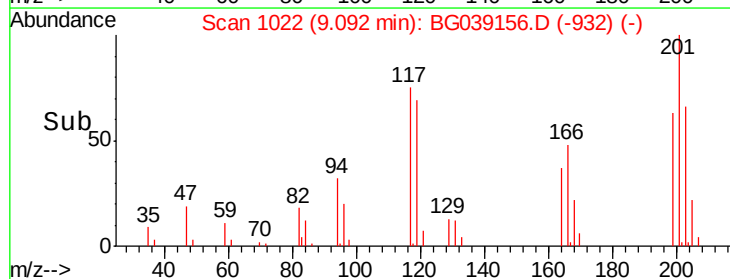
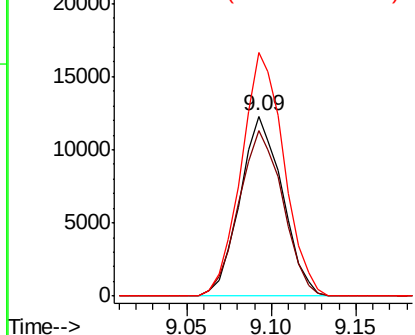


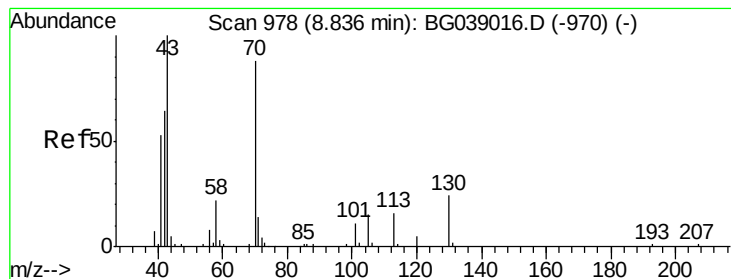
#18
Hexachloroethane
Concen: 38.503 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

Tgt Ion:117 Resp: 21414
Ion Ratio Lower Upper
117 100
119 92.0 78.7 118.1
201 135.4 108.1 162.1



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





#19

n-Nitroso-di-n-propylamine

Concen: 40.765 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 44092

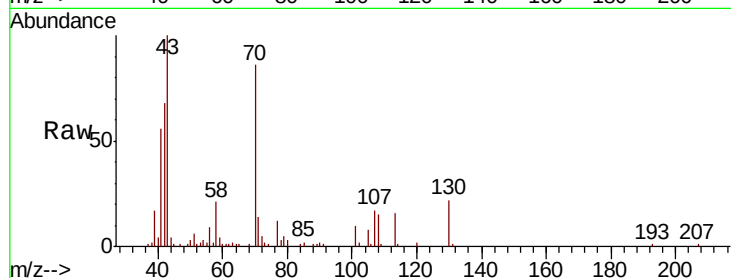
Ion Ratio Lower Upper

70 100

42 78.5 59.0 88.4

101 11.5 10.4 15.6

130 25.1 21.6 32.4



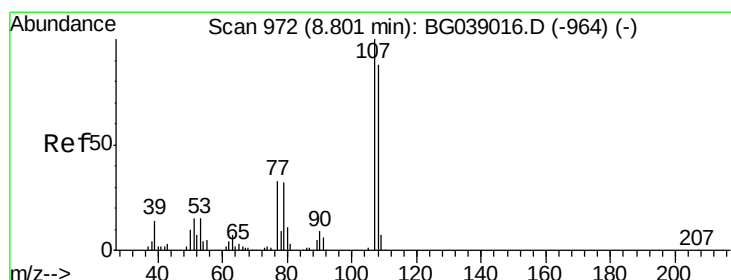
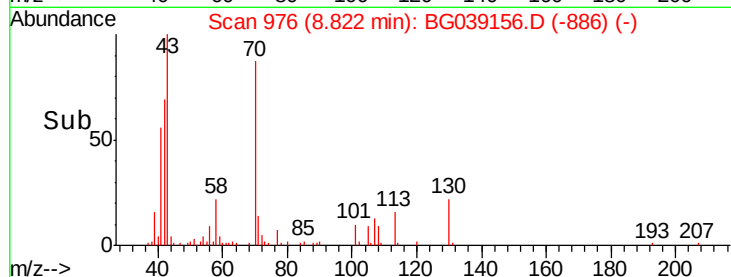
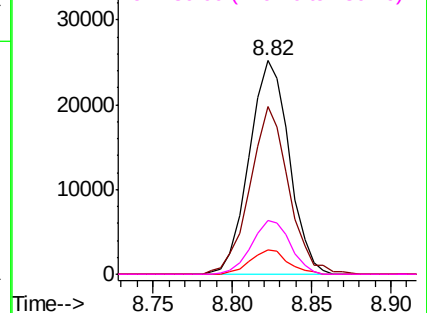
Abundance

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: 43.194 ng

RT: 8.79 min Scan# 971

Delta R.T. -0.00 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

Tgt Ion:107 Resp: 70614

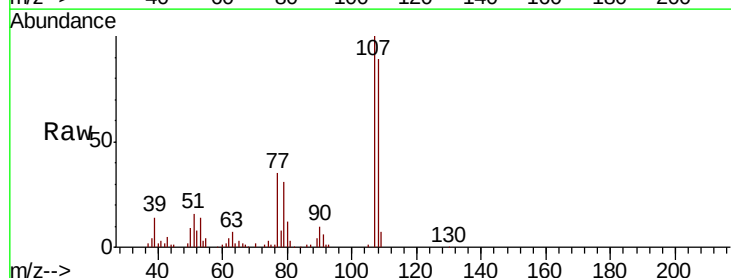
Ion Ratio Lower Upper

107 100

108 89.1 68.4 108.4

77 35.1 13.3 53.3

79 31.3 11.6 51.6



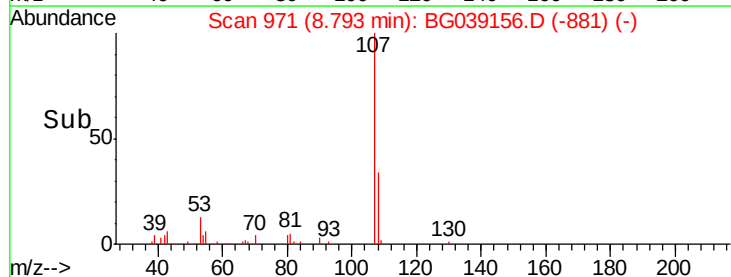
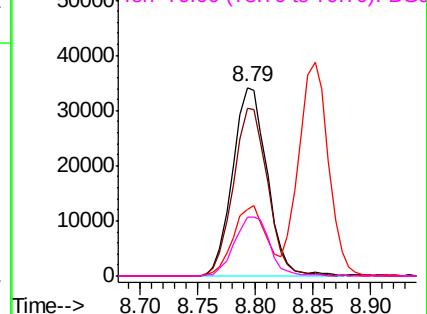
Abundance

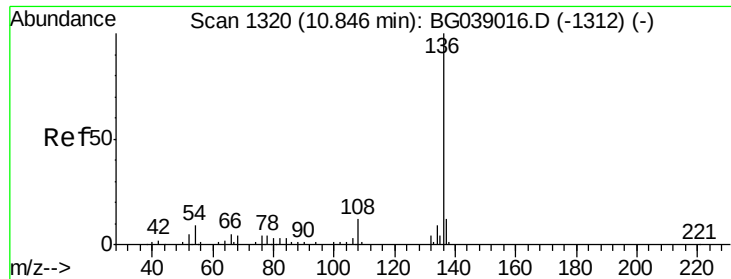
Ion 107.00 (106.70 to 107.70): BGC

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

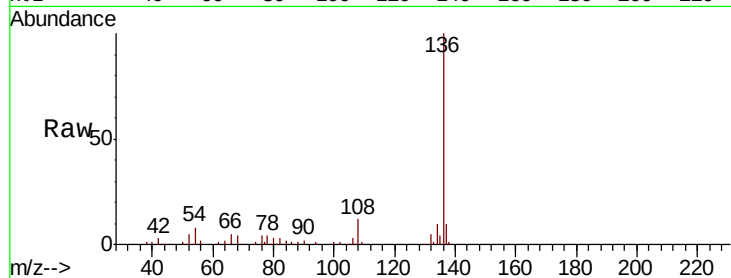




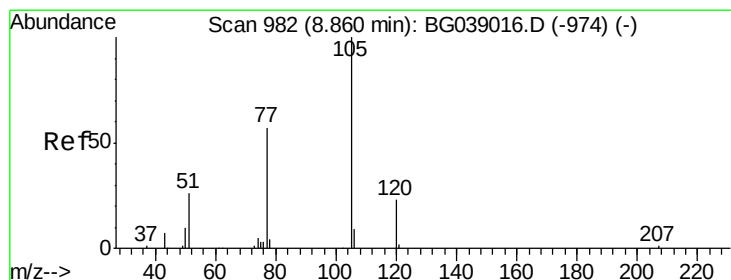
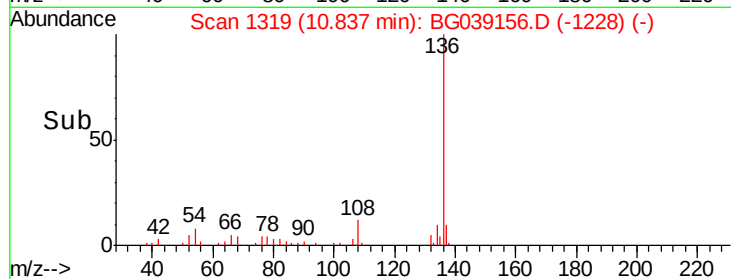
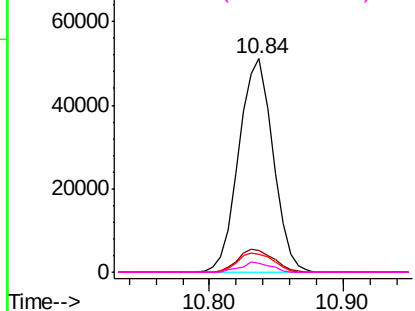
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	90811
Ion Ratio	Lower	Upper
136	100	
137	10.1	9.4 14.2
54	8.3	7.2 10.8
68	3.9	3.5 5.3

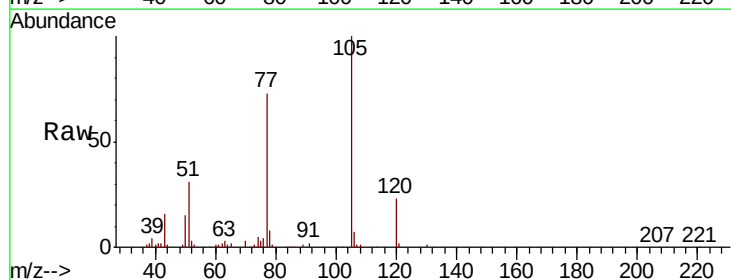


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

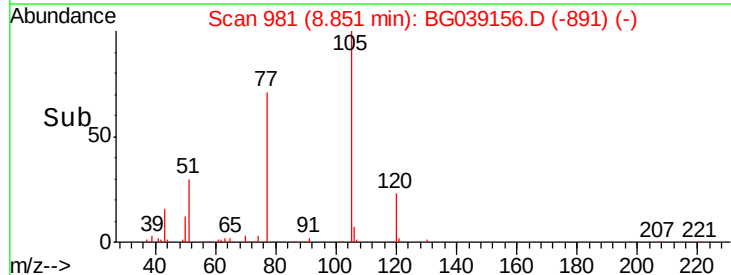
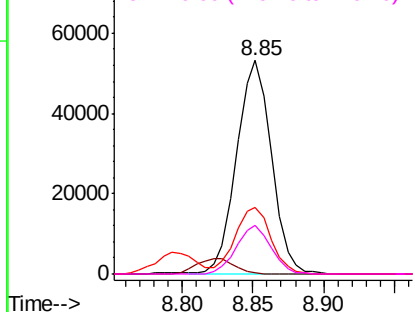


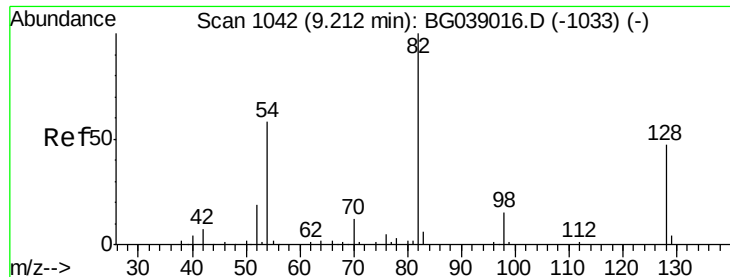
#22
Acetophenone
Concen: 38.858 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

Tgt Ion:105	Resp:	92154
Ion Ratio	Lower	Upper
105	100	
71	0.5	0.6 1.0#
51	31.2	26.6 39.8
120	22.7	17.9 26.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E

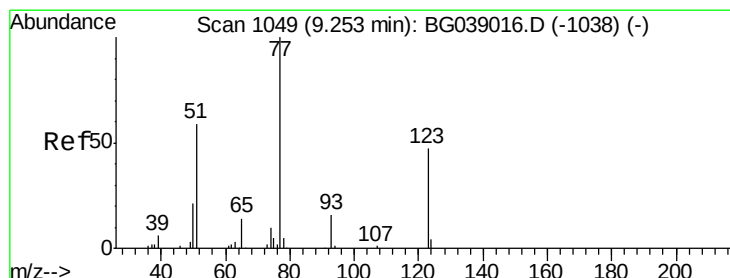
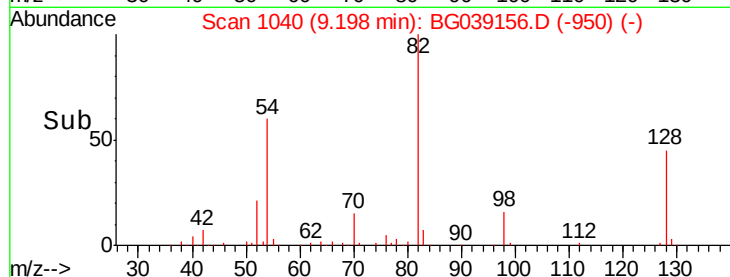
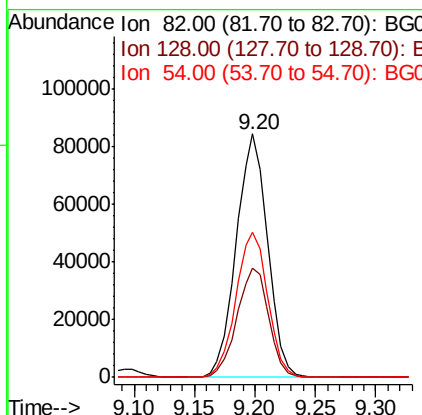
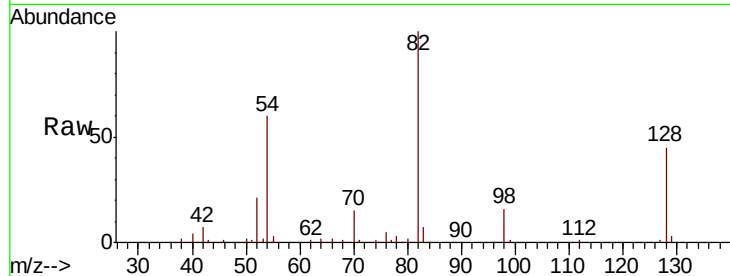




#23
 Nitrobenzene-d5
 Concen: 92.059 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG039156.D
 Acq: 16 Jan 2019 14:25

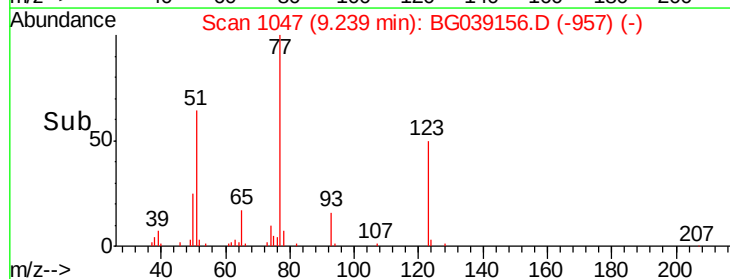
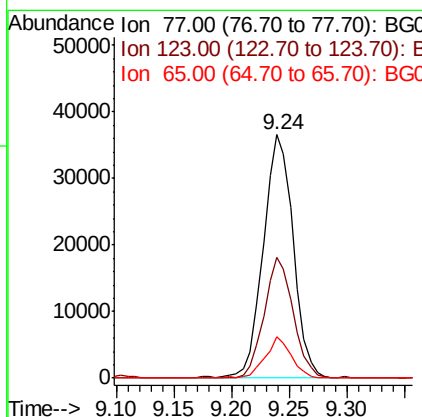
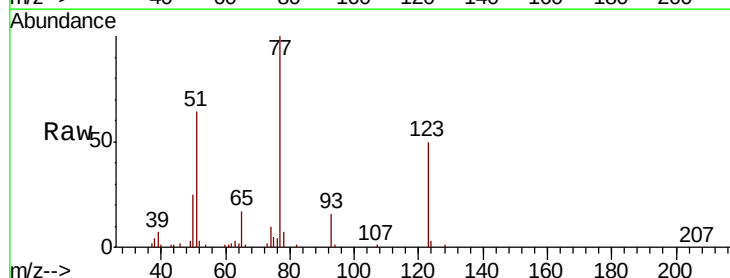
Instrument :
 BNA_G
 ClientSampleId :

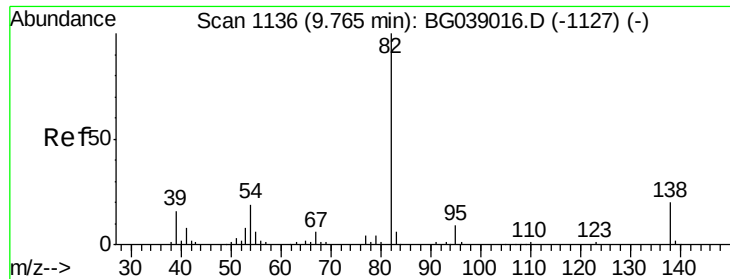
Tot Ion	82	Resp	152779
Ion Ratio	Lower	Upper	
82	100		
128	44.6	37.3	55.9
54	59.7	46.4	69.6



#24
 Nitrobenzene
 Concen: 39.430 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG039156.D
 Acq: 16 Jan 2019 14:25

Tgt Ion	77	Resp	66142
Ion Ratio	Lower	Upper	
77	100		
123	49.6	37.6	56.4
65	17.2	11.0	16.6





#25

Isophorone

Concen: 49.804 ng

RT: 9.76 min Scan# 1135

Delta R.T. 0.01 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

Instrument :

BNA_G

ClientSampled :

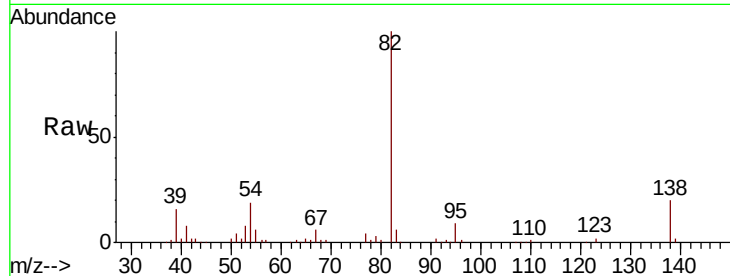
Tot Ion: 82 Resp: 142374

Ion Ratio Lower Upper

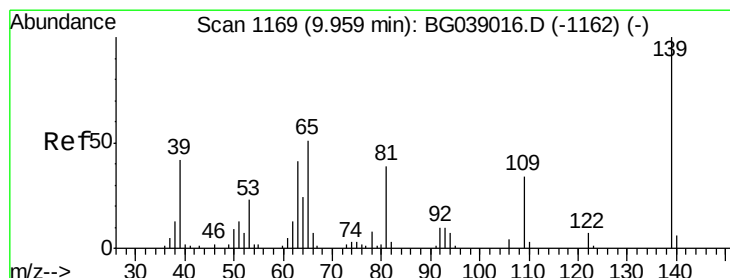
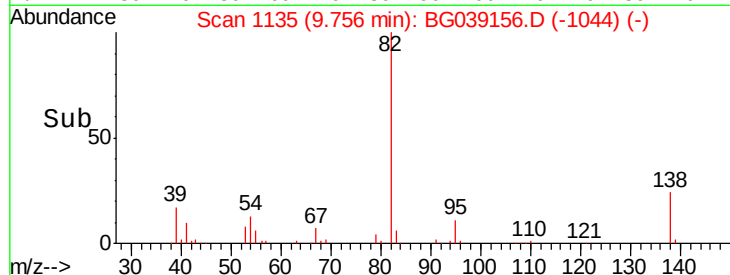
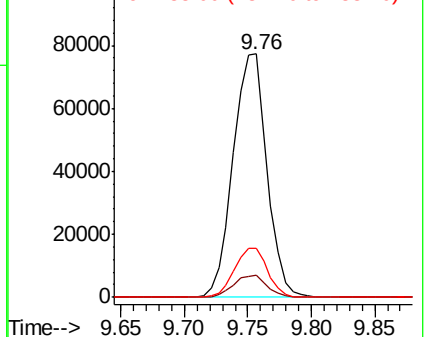
82 100

95 9.1 7.0 10.6

138 20.2 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: 43.386 ng

RT: 9.95 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

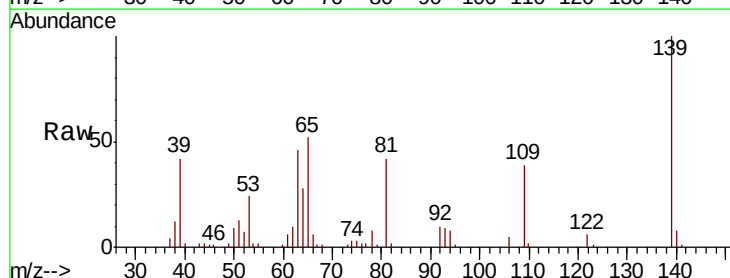
Tgt Ion: 139 Resp: 39365

Ion Ratio Lower Upper

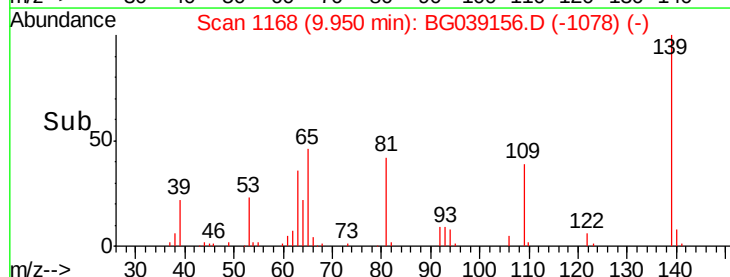
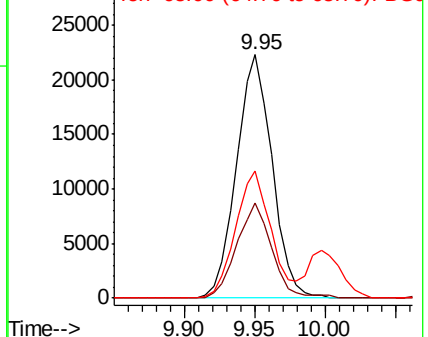
139 100

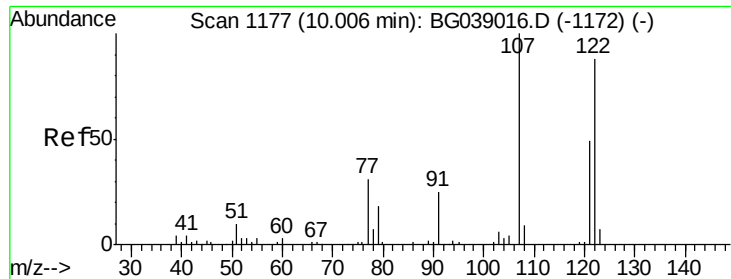
109 39.1 27.3 40.9

65 52.5 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

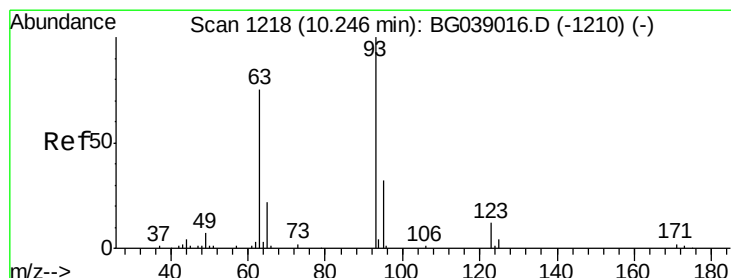
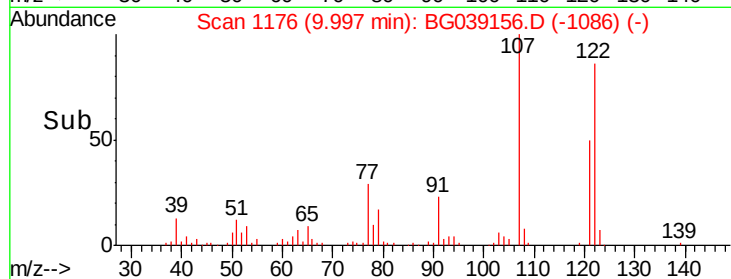
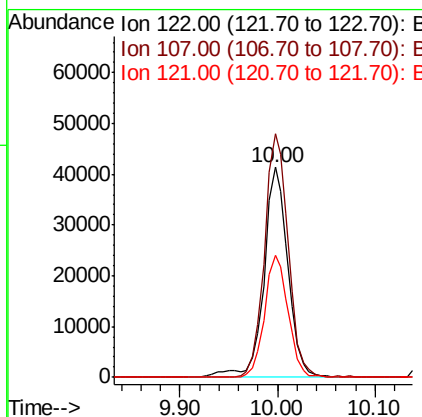
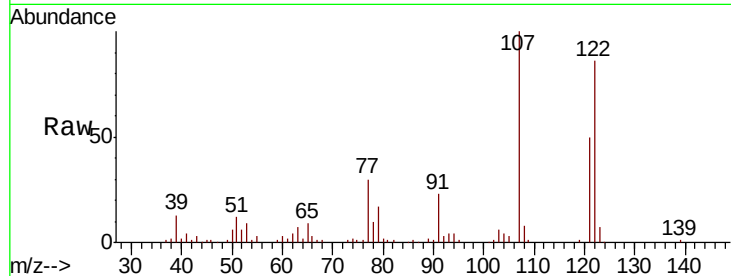




#27
2,4-Dimethylphenol
Concen: 56.127 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

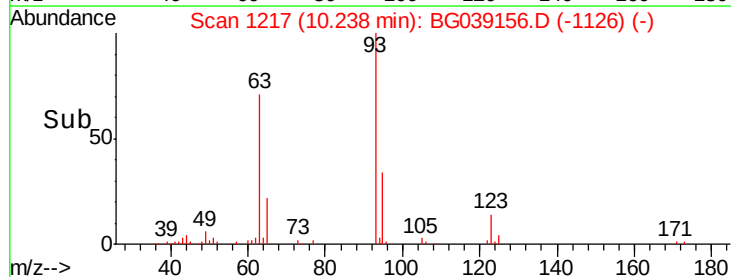
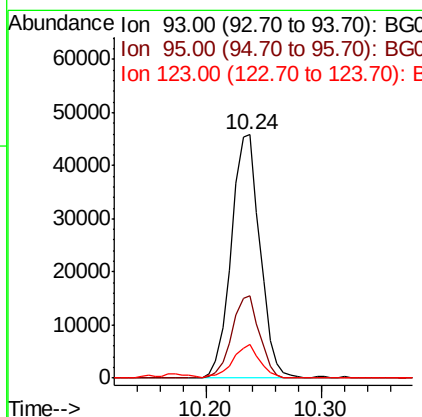
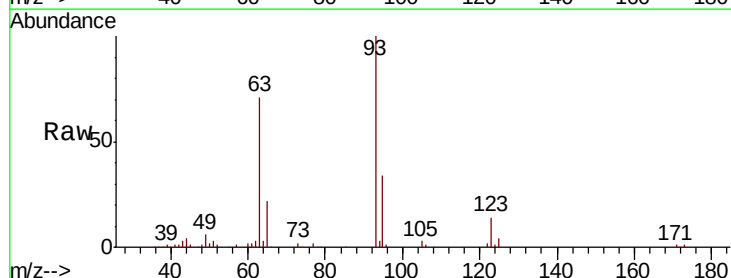
Instrument :
BNA_G
ClientSampleId :

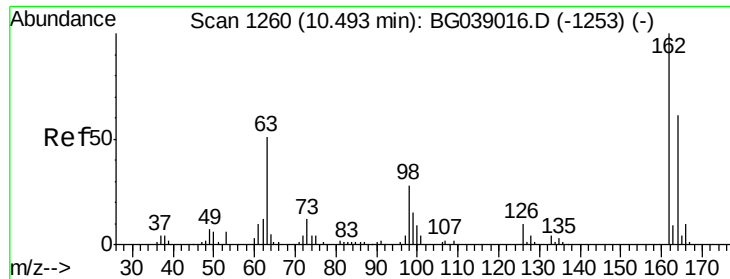
Tot Ion:122 Resp: 71646
Ion Ratio Lower Upper
122 100
107 115.8 88.8 133.2
121 57.9 43.1 64.7



#28
bis(2-Chloroethoxy)methane
Concen: 45.939 ng
RT: 10.24 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

Tgt Ion: 93 Resp: 78927
Ion Ratio Lower Upper
93 100
95 33.8 25.6 38.4
123 13.7 10.1 15.1

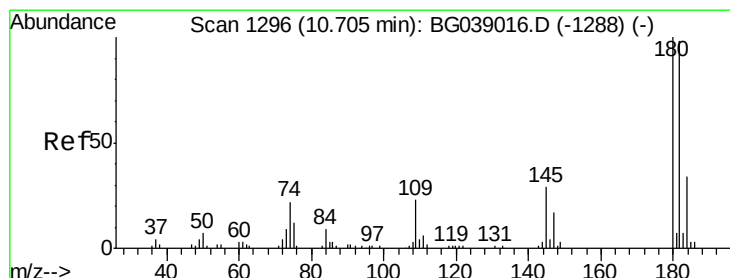
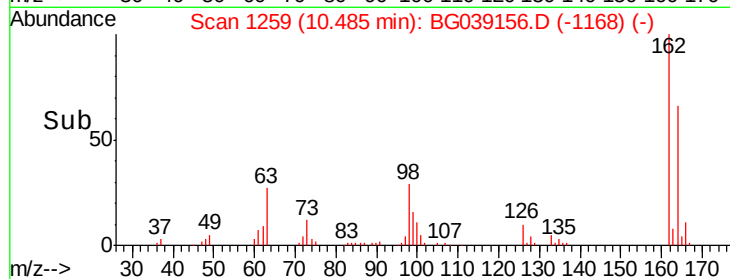
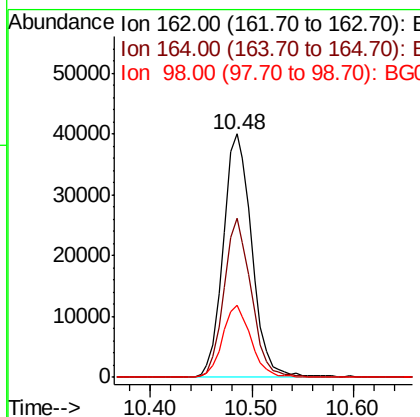
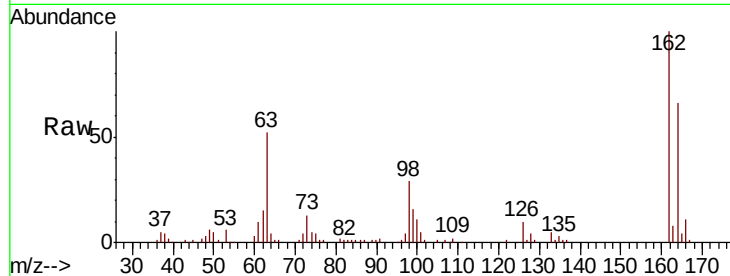




#29
 2,4-Dichlorophenol
 Concen: 49.165 ng
 RT: 10.48 min Scan# 1259
 Delta R.T. 0.01 min
 Lab File: BG039156.D
 Acq: 16 Jan 2019 14:25

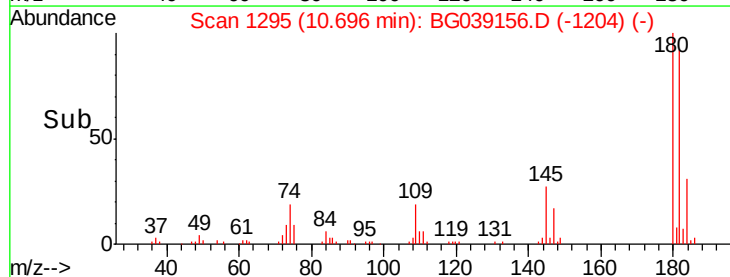
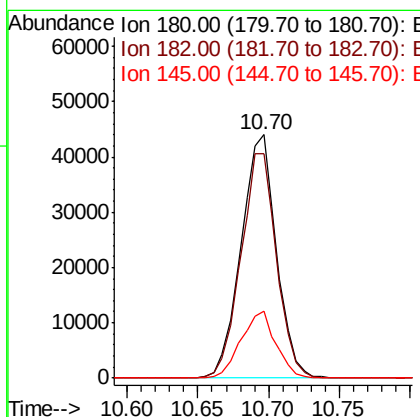
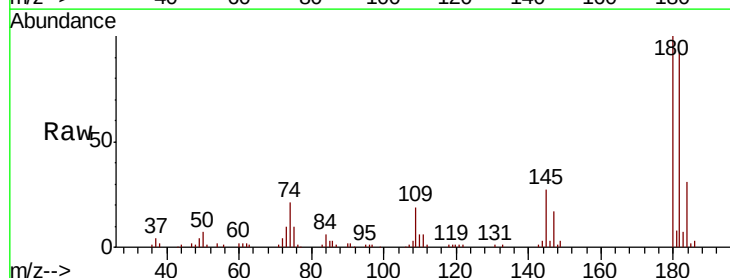
Instrument :
 BNA_G
 ClientSampleId :

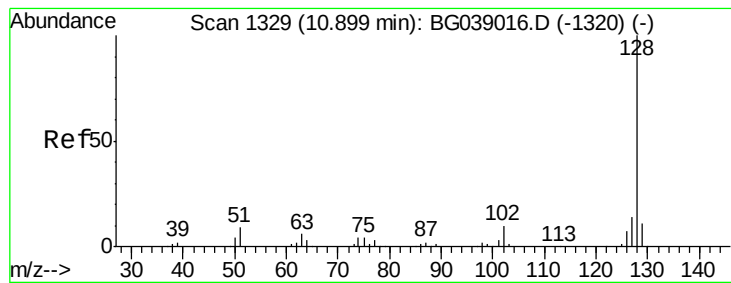
Tot Ion:162 Resp: 77966
 Ion Ratio Lower Upper
 162 100
 164 65.6 41.3 81.3
 98 29.5 8.3 48.3



#30
 1,2,4-Trichlorobenzene
 Concen: 40.192 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: BG039156.D
 Acq: 16 Jan 2019 14:25

Tgt Ion:180 Resp: 76582
 Ion Ratio Lower Upper
 180 100
 182 92.4 78.1 117.1
 145 27.3 23.1 34.7





#31

Naphthalene

Concen: 43.848 ng

RT: 10.88 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

Instrument :

BNA_G

ClientSampled :

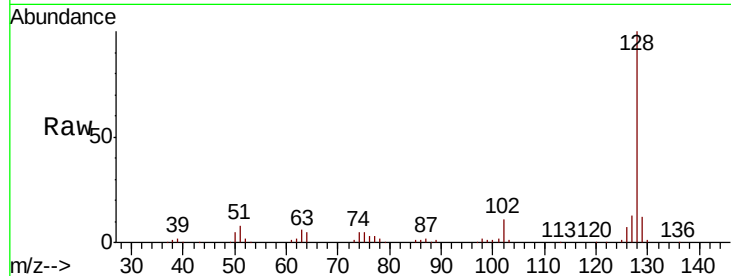
Tot Ion:128 Resp: 199709

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

127 13.4 11.2 16.8

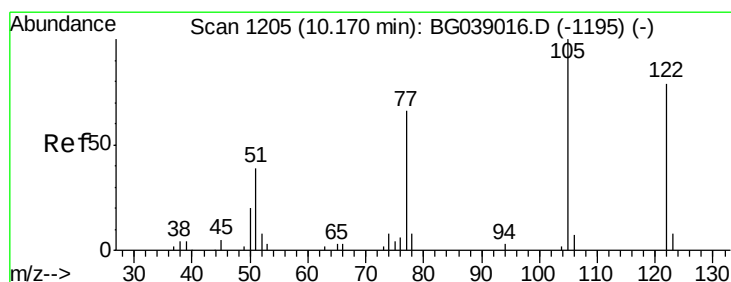
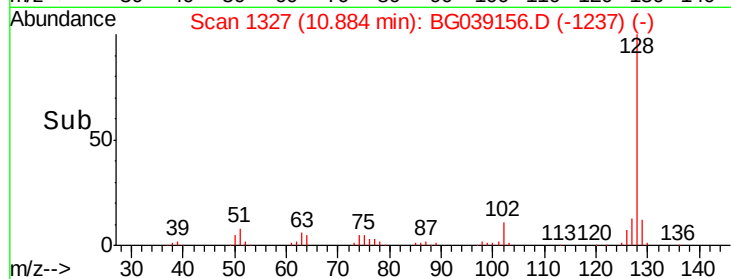
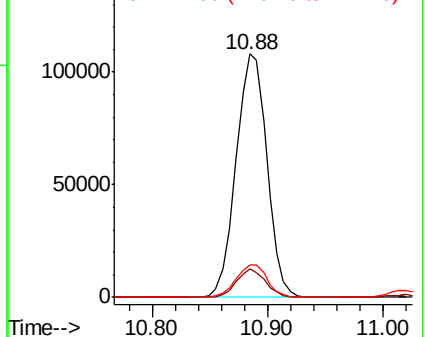


Abundance

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: 36.567 ng

RT: 10.17 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

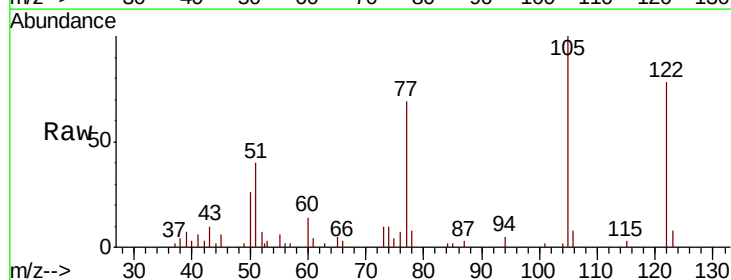
Tgt Ion:122 Resp: 26509

Ion Ratio Lower Upper

122 100

105 128.6 106.4 146.4

77 88.8 63.6 103.6

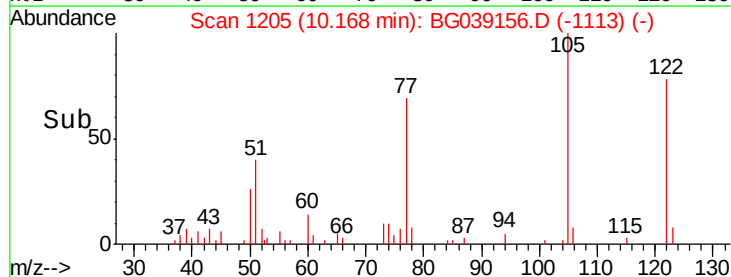
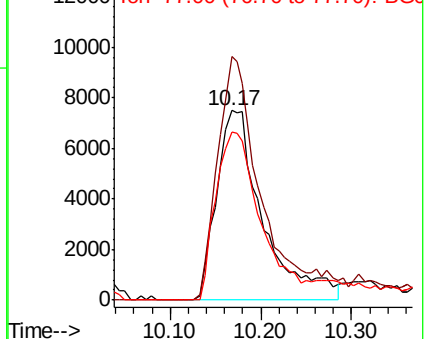


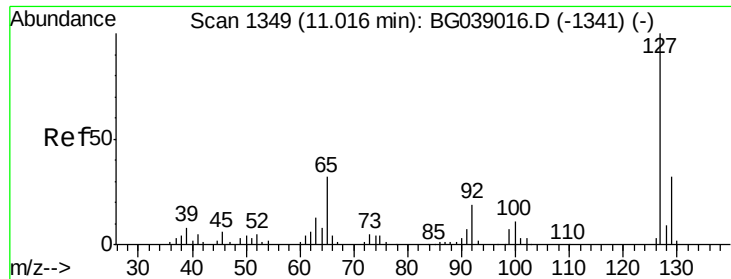
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

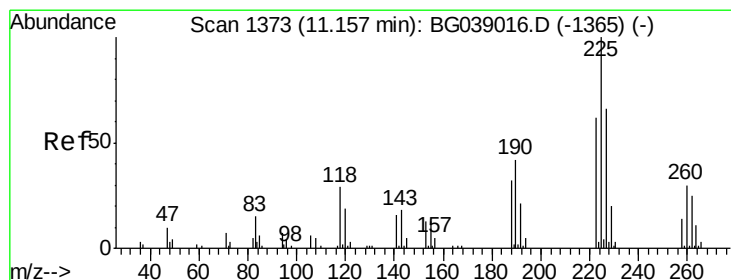
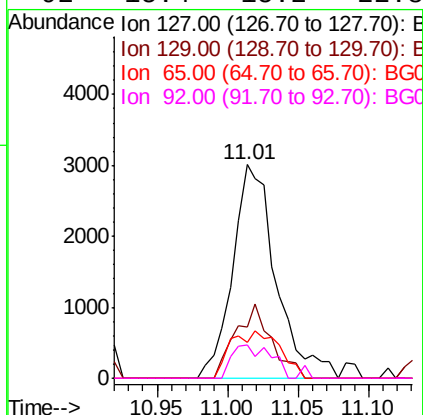
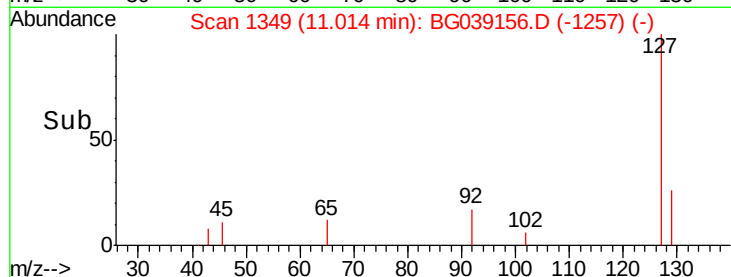
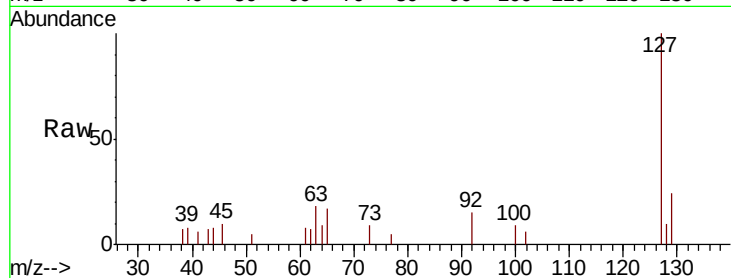




#33
4-Chloroaniline
Concen: 3.156 ng
RT: 11.01 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

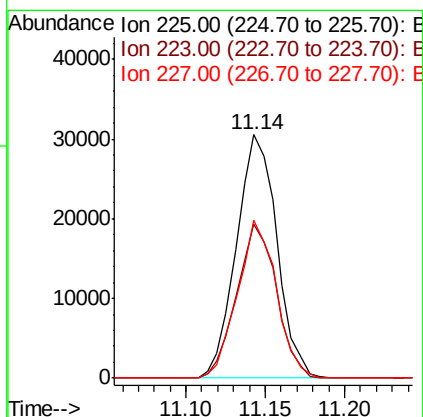
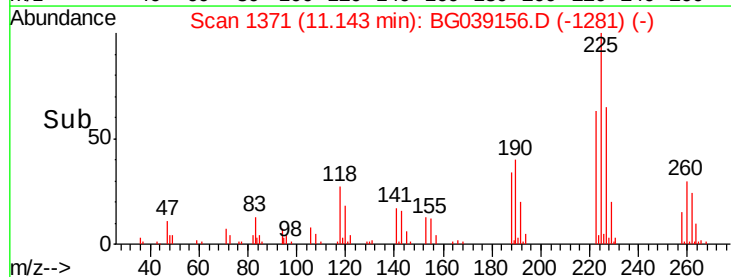
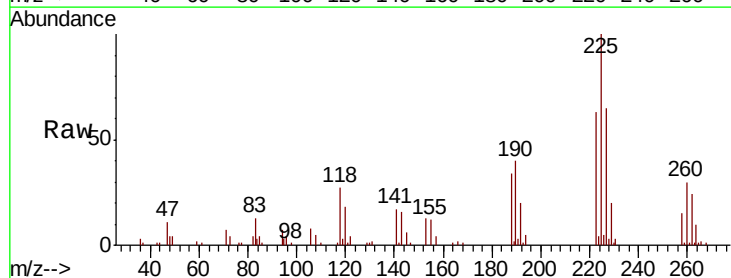
Instrument :
BNA_G
ClientSampleId :

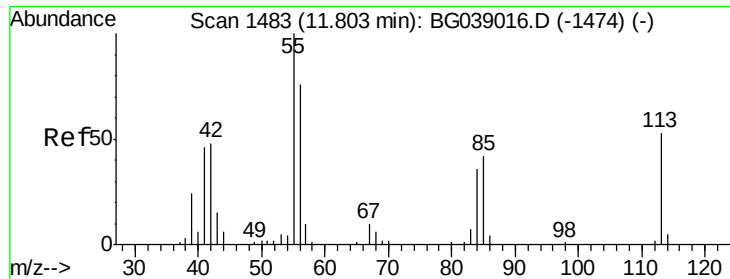
Tot Ion:127 Resp: 6432
Ion Ratio Lower Upper
127 100
129 24.0 25.4 38.0#
65 16.9 25.4 38.0#
92 15.4 15.2 22.8



#34
Hexachlorobutadiene
Concen: 41.247 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

Tgt Ion:225 Resp: 54078
Ion Ratio Lower Upper
225 100
223 67.1 50.2 75.4
227 67.8 53.2 79.8

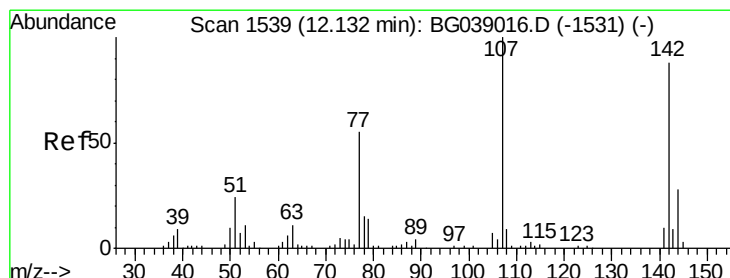
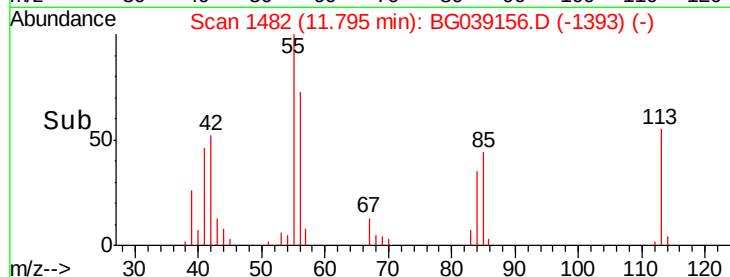
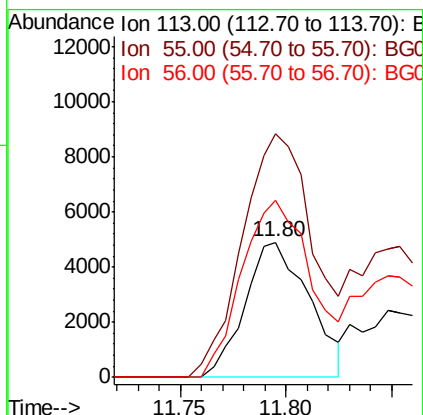
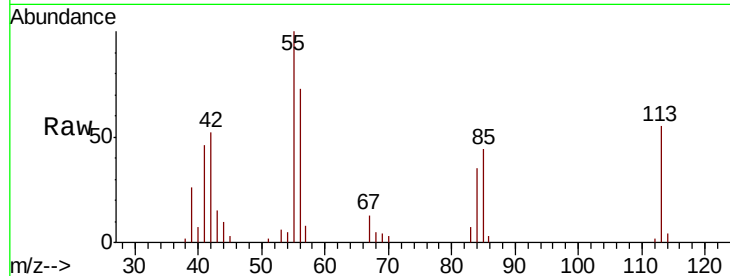




#35
 Caprolactam
 Concen: 16.287 ng
 RT: 11.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BG039156.D
 Acq: 16 Jan 2019 14:25

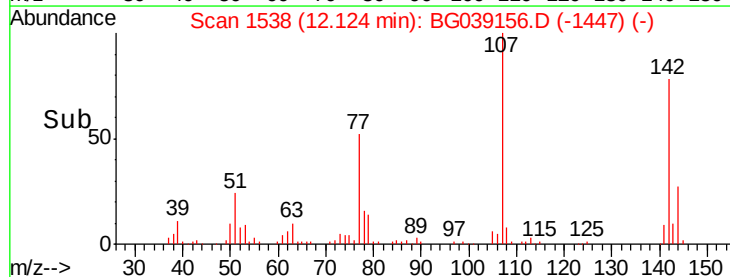
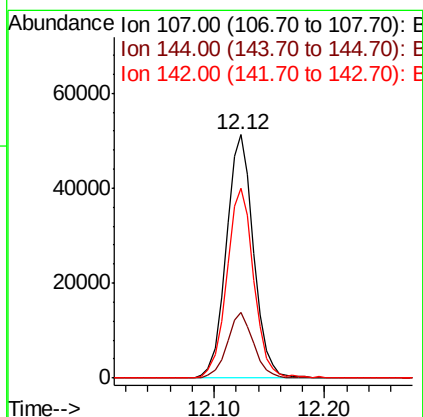
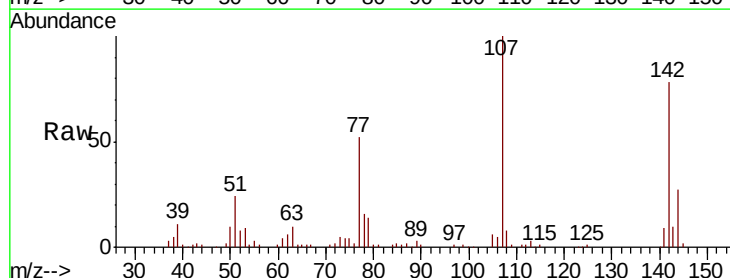
Instrument :
 BNA_G
 ClientSampled :

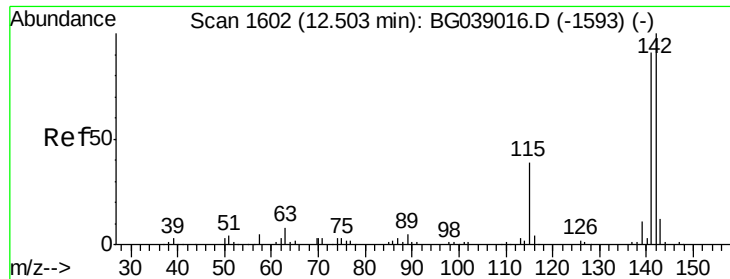
Tot Ion:113 Resp: 10357
 Ion Ratio Lower Upper
 113 100
 55 180.6 168.6 208.6
 56 131.4 123.2 163.2



#36
 4-Chloro-3-methylphenol
 Concen: 52.063 ng
 RT: 12.12 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BG039156.D
 Acq: 16 Jan 2019 14:25

Tgt Ion:107 Resp: 88306
 Ion Ratio Lower Upper
 107 100
 144 27.0 22.6 34.0
 142 78.1 70.2 105.4

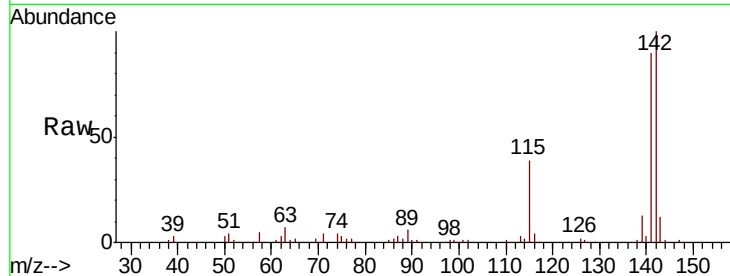




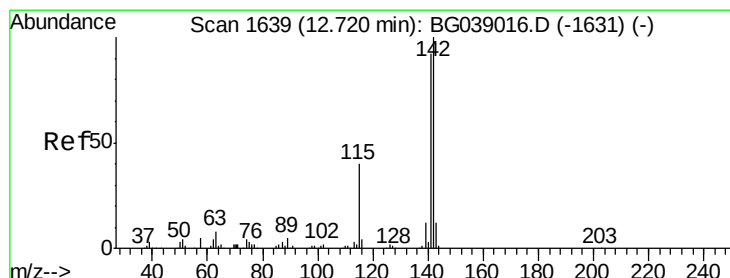
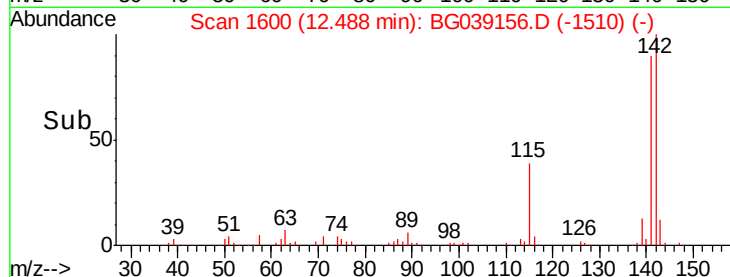
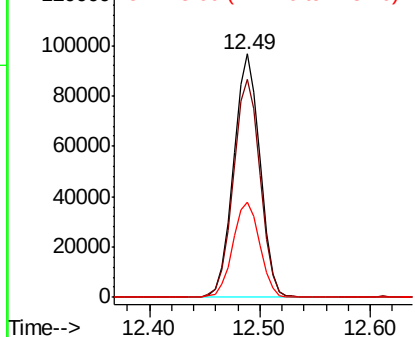
#37
2-Methylnaphthalene
Concen: 47.596 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 162529
Ion Ratio Lower Upper
142 100
141 89.7 72.6 109.0
115 39.2 31.1 46.7

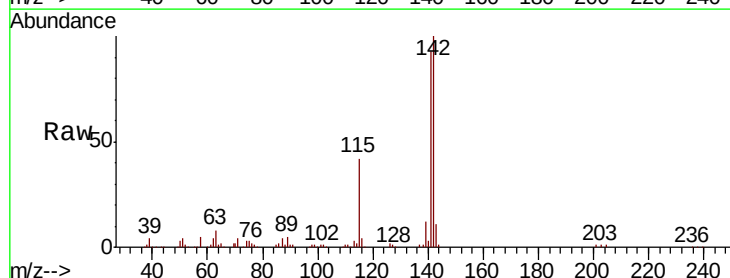


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

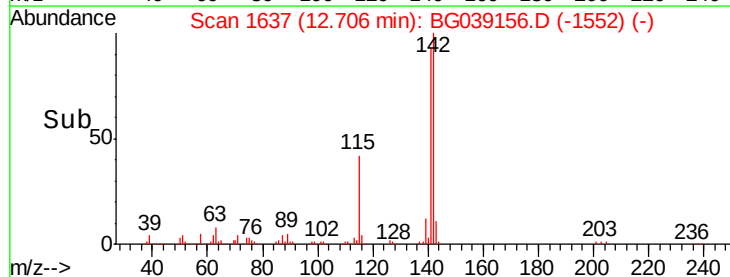
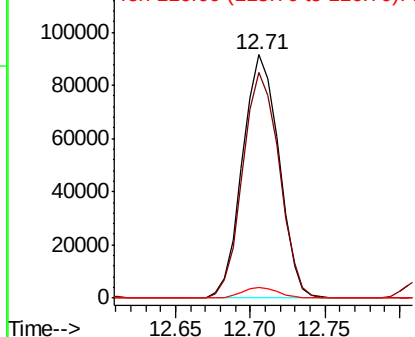


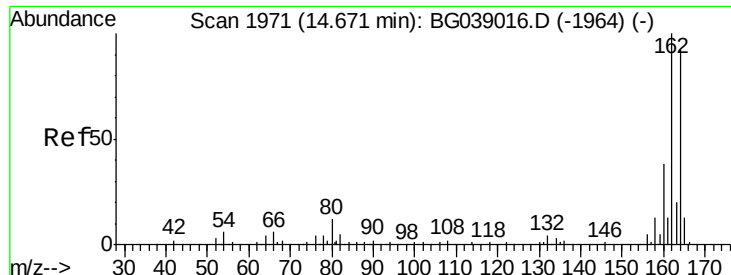
#38
1-Methylnaphthalene
Concen: 47.233 ng
RT: 12.71 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

Tgt Ion:142 Resp: 154812
Ion Ratio Lower Upper
142 100
141 92.9 73.3 109.9
116 4.4 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# 1970

Delta R.T. -0.00 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

Instrument :

BNA_G

ClientSampled :

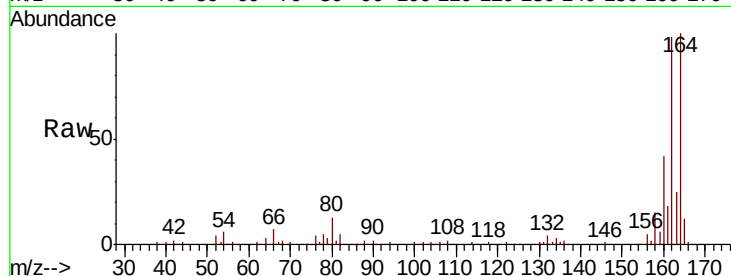
Tot Ion:164 Resp: 68640

Ion Ratio Lower Upper

164 100

162 98.1 87.2 130.8

160 42.5 33.3 49.9

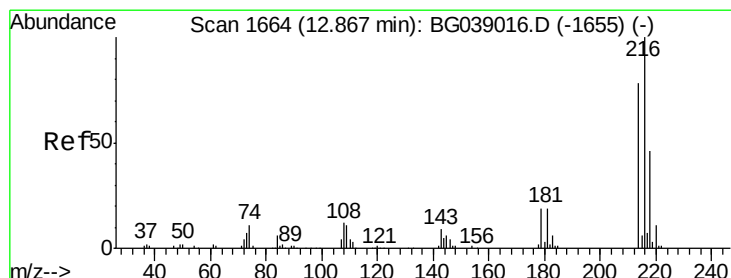
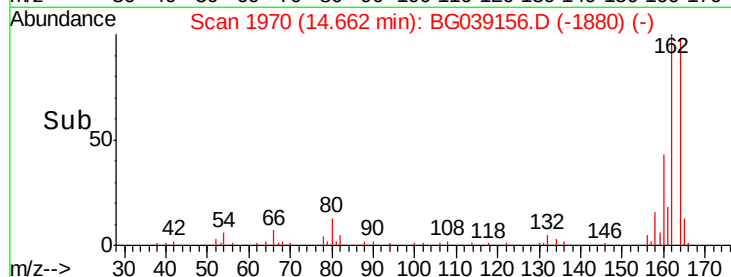
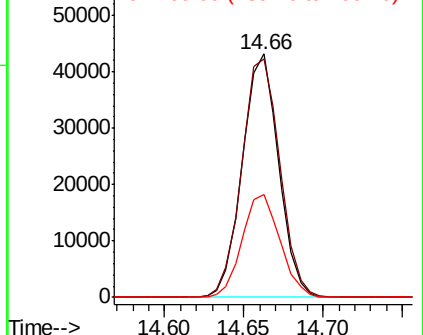


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.101 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

Tgt Ion:216 Resp: 103374

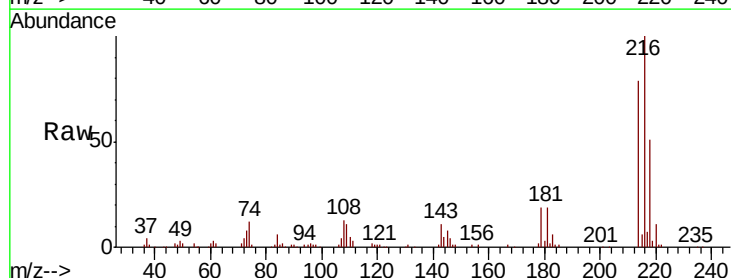
Ion Ratio Lower Upper

216 100

214 78.6 63.4 95.2

179 19.2 15.5 23.3

108 15.8 11.4 17.2



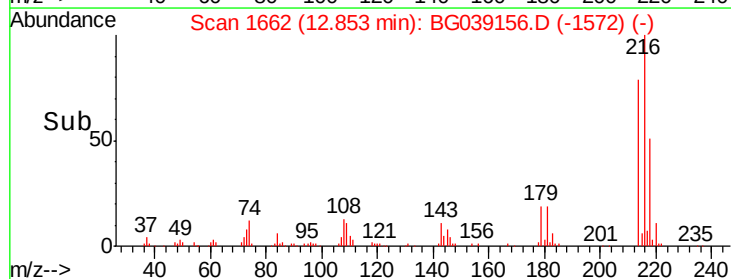
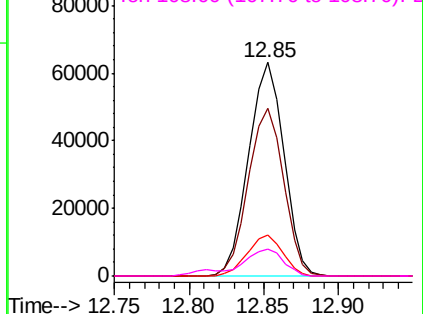
Abundance

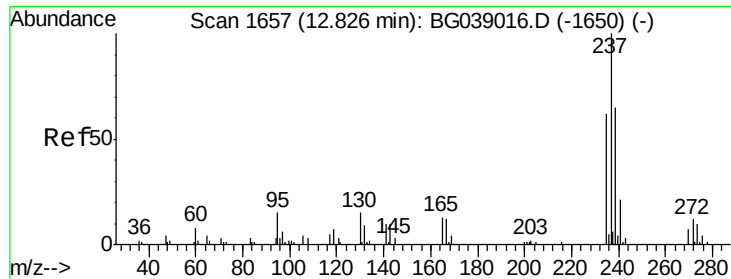
Ion 216.00 (215.70 to 216.70): E

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

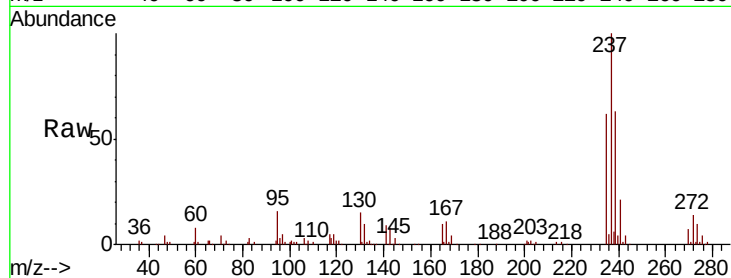




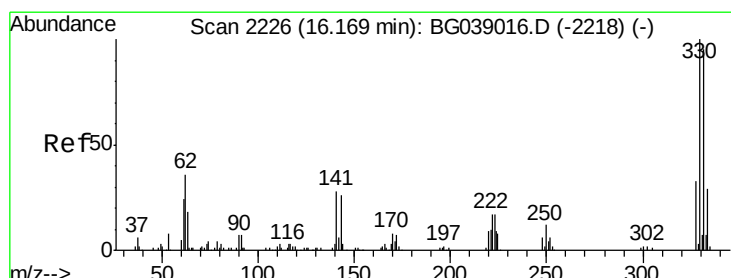
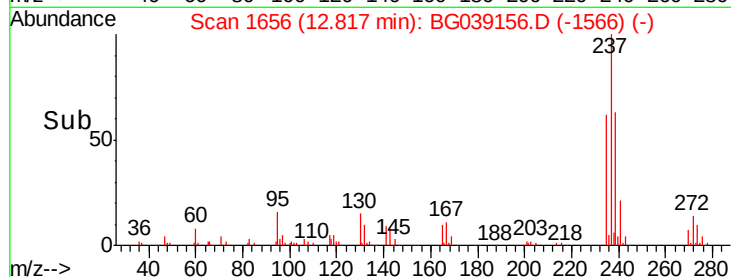
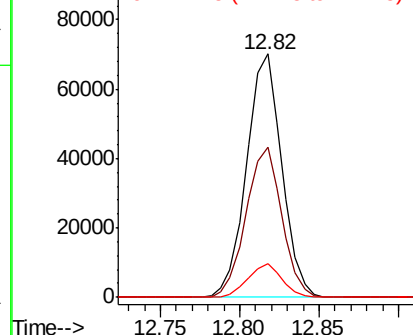
#41
Hexachlorocyclopentadiene
Concen: 74.694 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:237 Resp: 107850
Ion Ratio Lower Upper
237 100
235 61.5 41.7 81.7
272 13.6 0.0 32.1

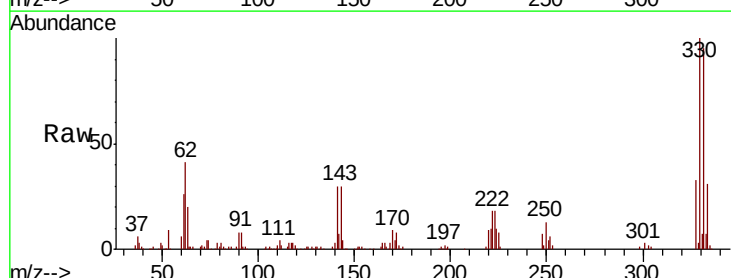


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

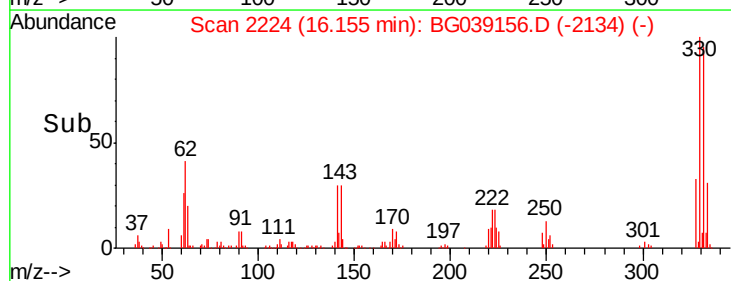
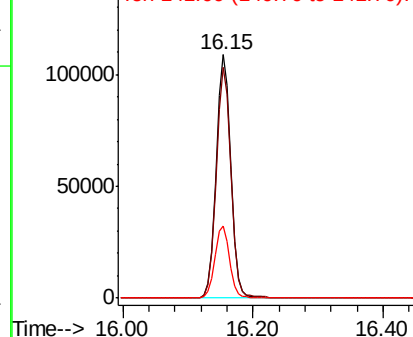


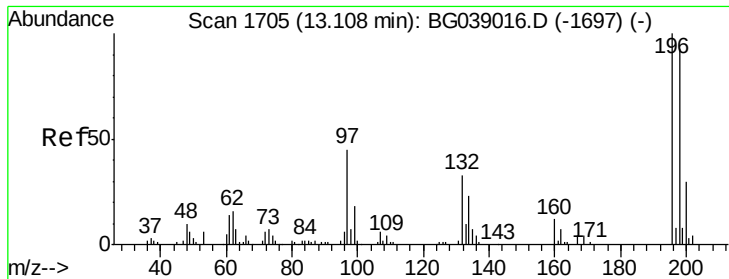
#42
2,4,6-Tribromophenol
Concen: 147.111 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

Tgt Ion:330 Resp: 169265
Ion Ratio Lower Upper
330 100
332 94.6 75.7 113.5
141 29.7 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

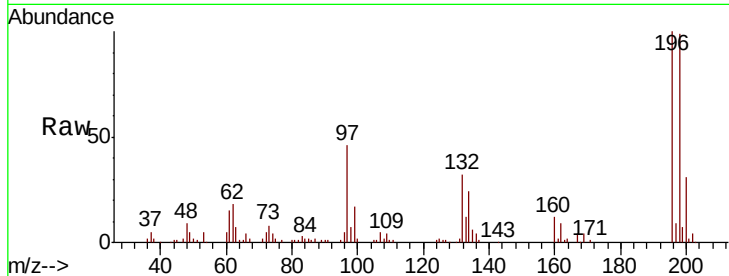




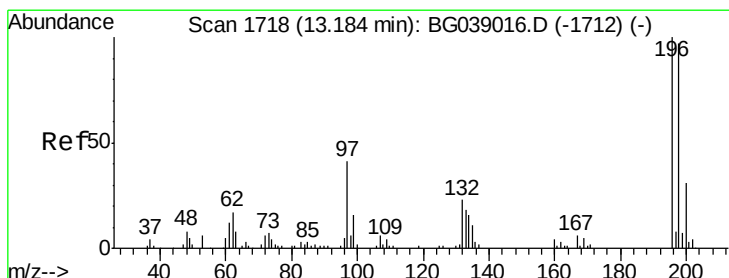
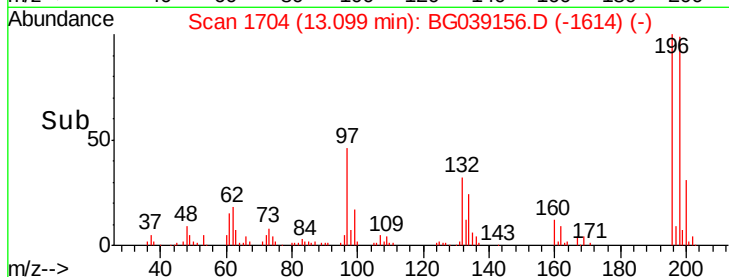
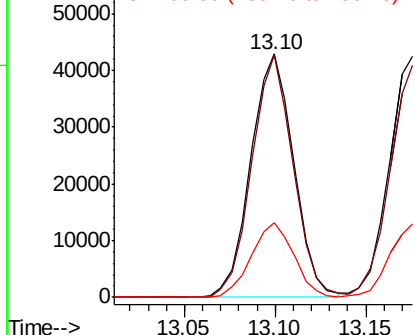
#43
 2,4,6-Trichlorophenol
 Concen: 43.417 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG039156.D
 Acq: 16 Jan 2019 14:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 70441
 Ion Ratio Lower Upper
 196 100
 198 99.4 74.5 111.7
 200 30.8 23.8 35.6

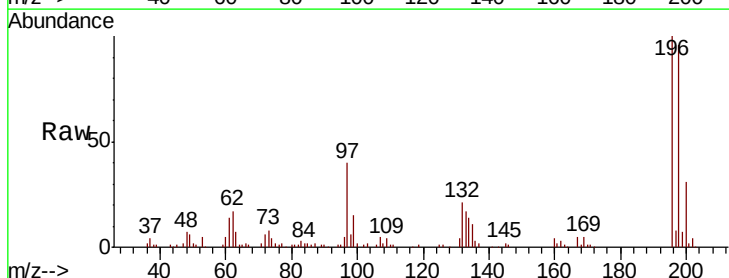


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

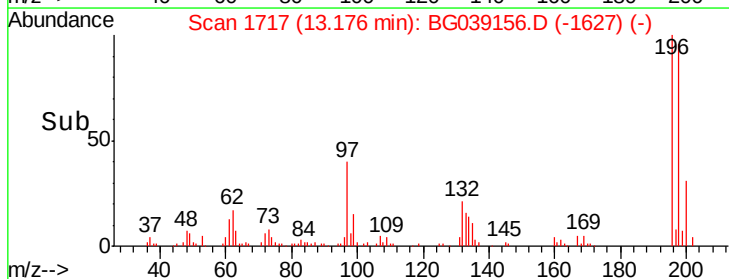
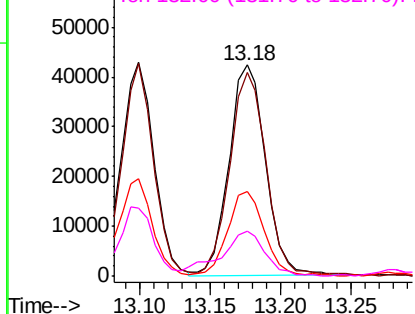


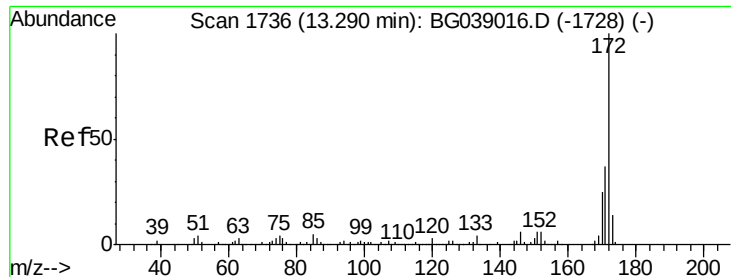
#44
 2,4,5-Trichlorophenol
 Concen: 44.234 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG039156.D
 Acq: 16 Jan 2019 14:25

Tgt Ion:196 Resp: 75850
 Ion Ratio Lower Upper
 196 100
 198 96.4 78.1 117.1
 97 40.2 33.2 49.8
 132 21.0 18.2 27.4



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

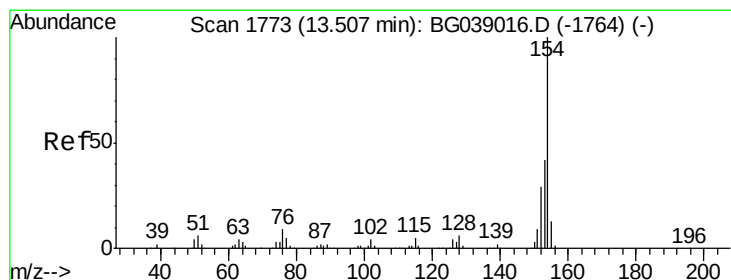
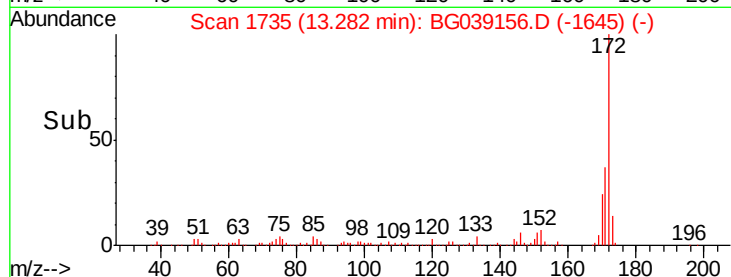
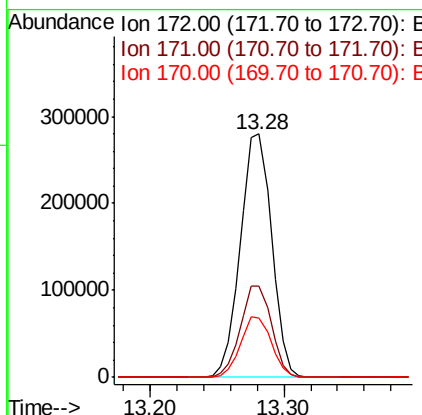
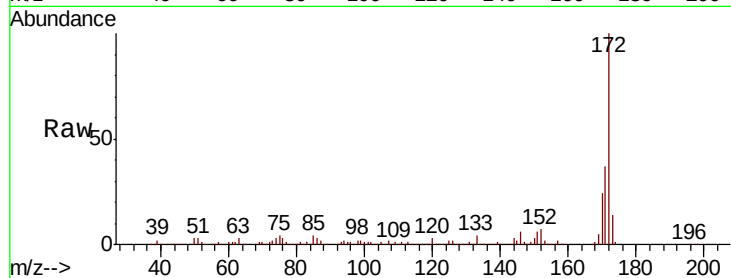




#45
2-Fluorobiphenyl
Concen: 90.370 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

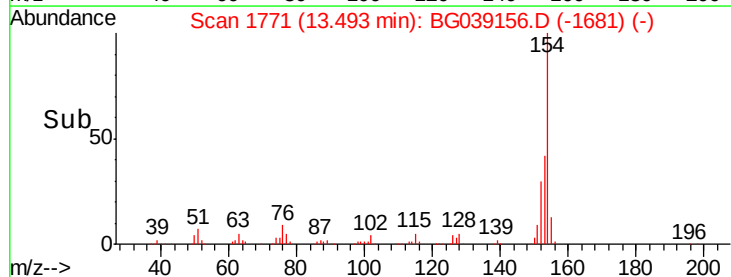
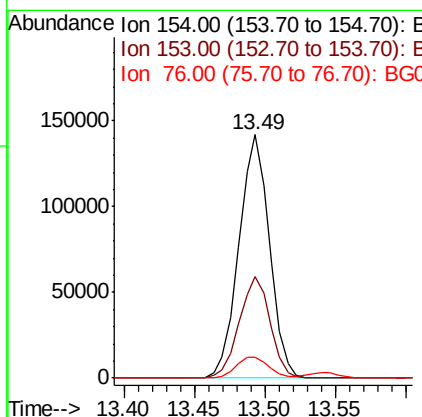
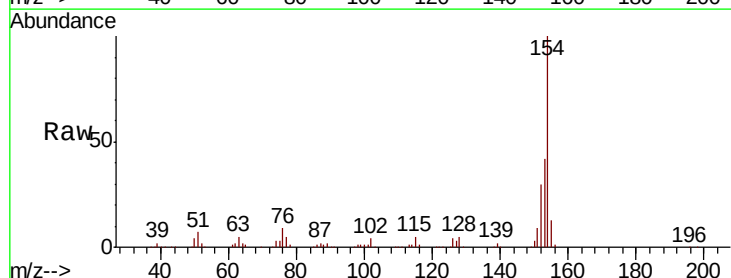
Instrument :
BNA_G
ClientSampleId :

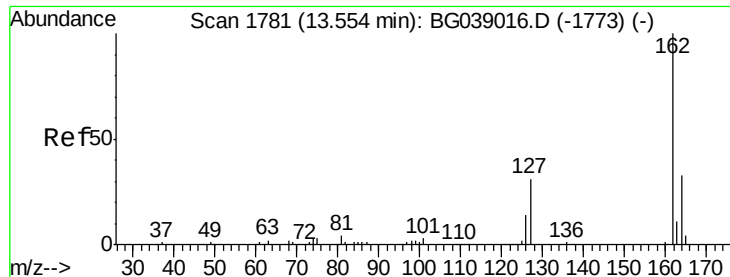
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.4	44.0
170	24.3	20.1	30.1



#46
1,1'-Biphenyl
Concen: 39.390 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.4	62.4
76	8.7	0.0	29.4

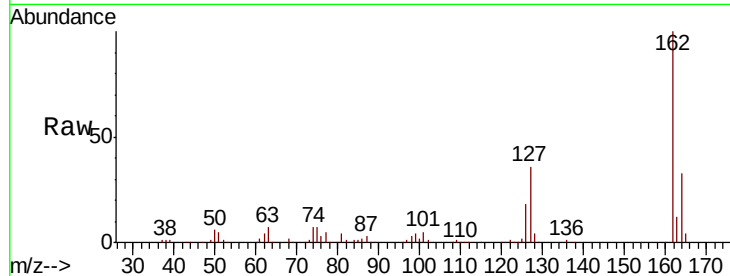




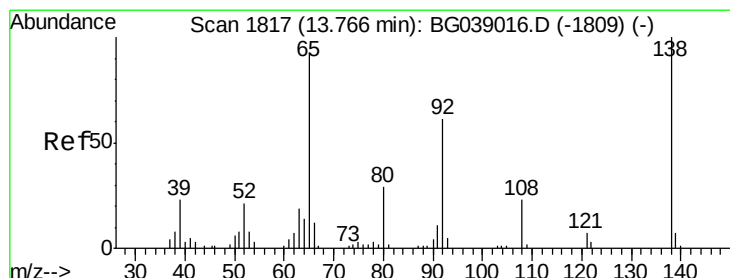
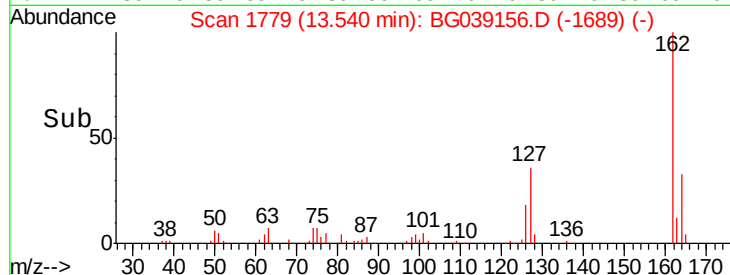
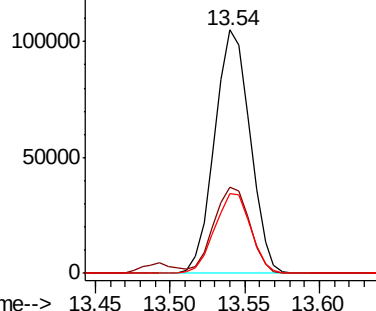
#47
 2-Chloronaphthalene
 Concen: 39.225 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BG039156.D
 Acq: 16 Jan 2019 14:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 172640
 Ion Ratio Lower Upper
 162 100
 127 35.6 28.4 42.6
 164 32.6 26.3 39.5

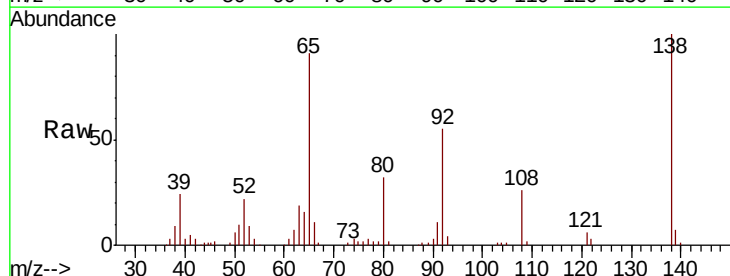


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

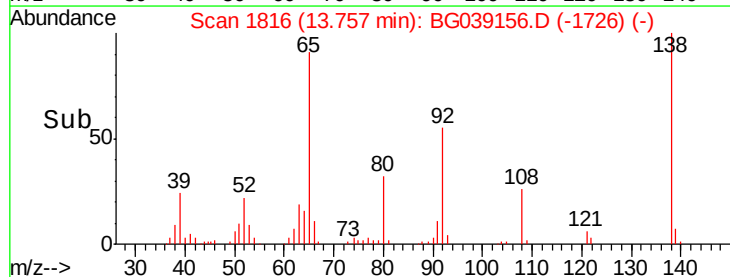
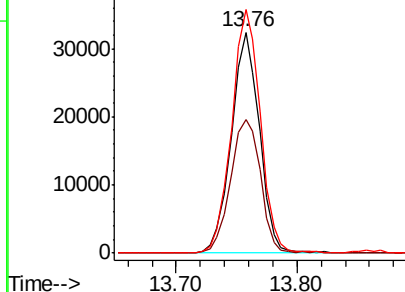


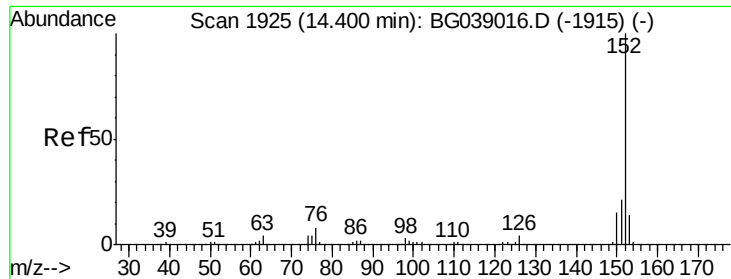
#48
 2-Nitroaniline
 Concen: 42.491 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BG039156.D
 Acq: 16 Jan 2019 14:25

Tgt Ion: 65 Resp: 52393
 Ion Ratio Lower Upper
 65 100
 92 60.4 52.2 78.4
 138 110.2 86.0 129.0



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





#49

Acenaphthylene

Concen: 43.432 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

Instrument :

BNA_G

ClientSampled :

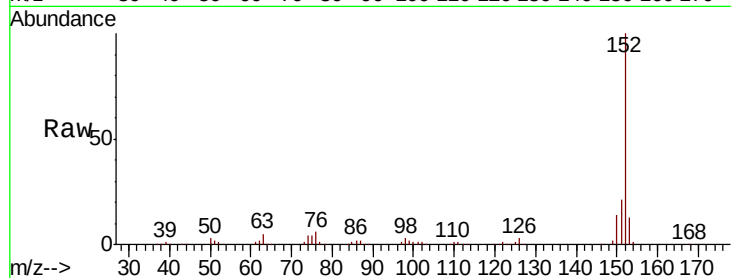
Tot Ion:152 Resp: 287321

Ion Ratio Lower Upper

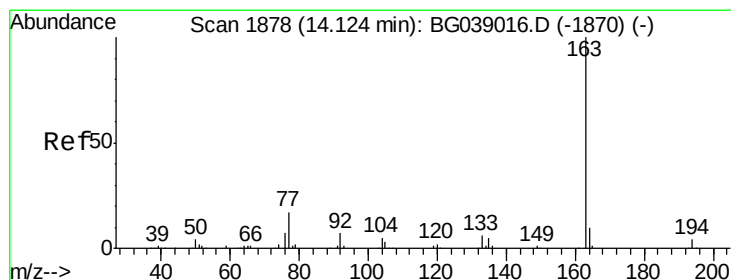
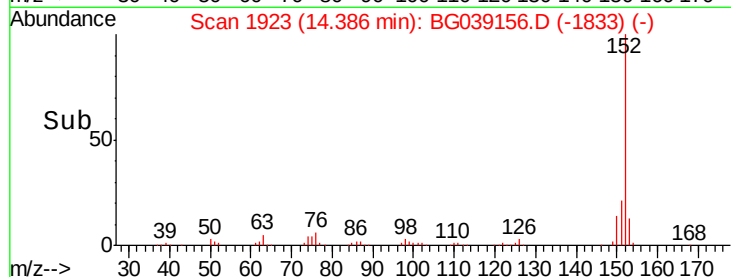
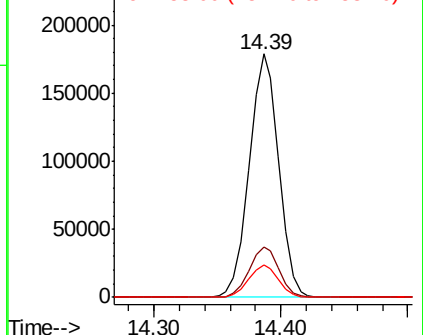
152 100

151 20.6 17.0 25.4

153 13.4 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.179 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.01 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

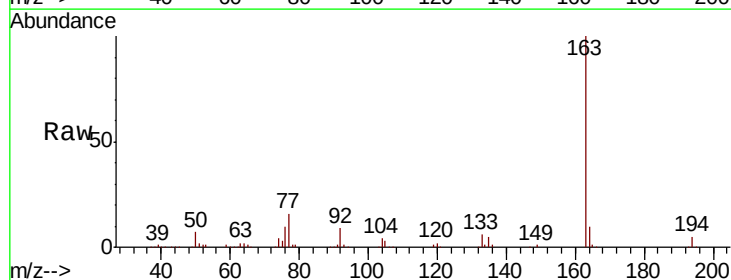
Tgt Ion:163 Resp: 244656

Ion Ratio Lower Upper

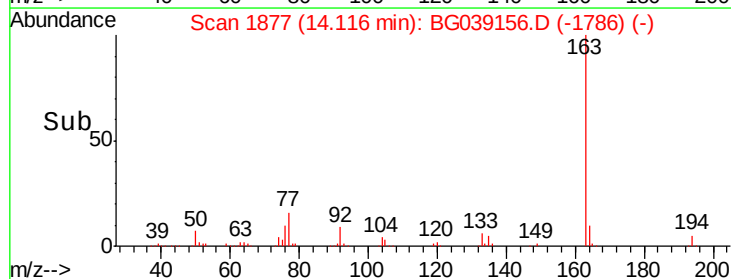
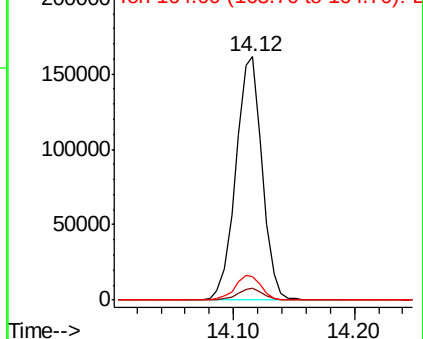
163 100

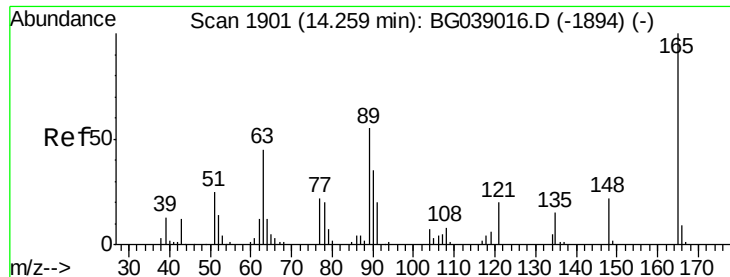
194 4.8 3.6 5.4

164 9.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

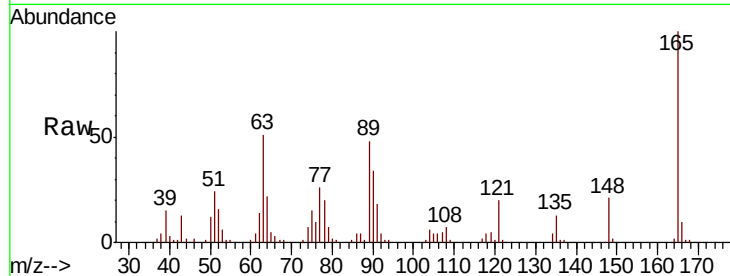




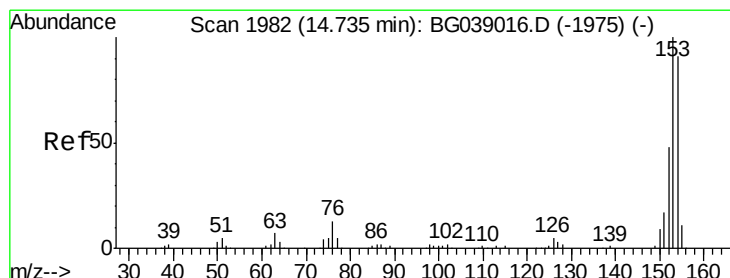
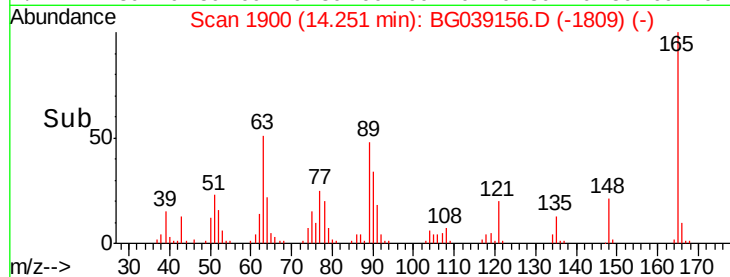
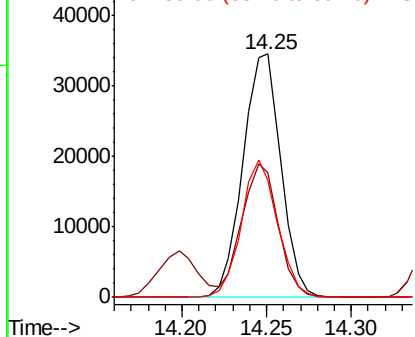
#51
 2,6-Dinitrotoluene
 Concen: 41.603 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. 0.01 min
 Lab File: BG039156.D
 Acq: 16 Jan 2019 14:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 53951
 Ion Ratio Lower Upper
 165 100
 63 51.0 43.6 65.4
 89 48.1 43.7 65.5

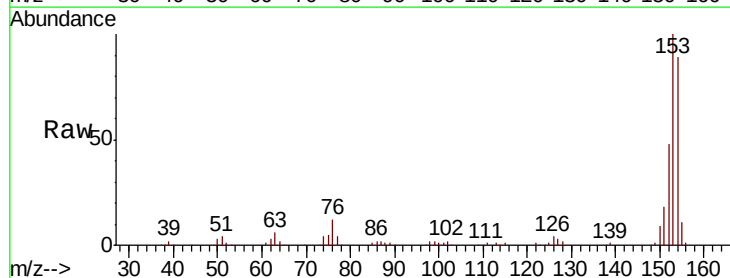


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

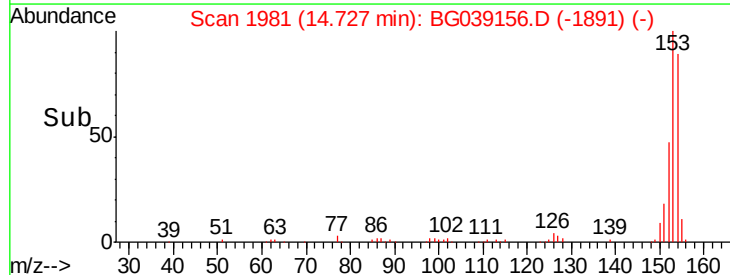
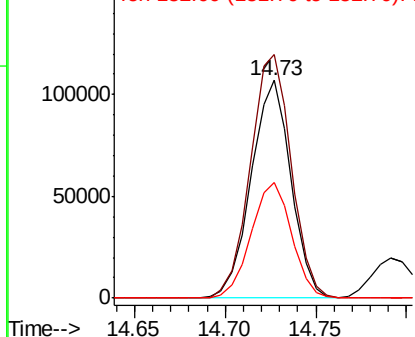


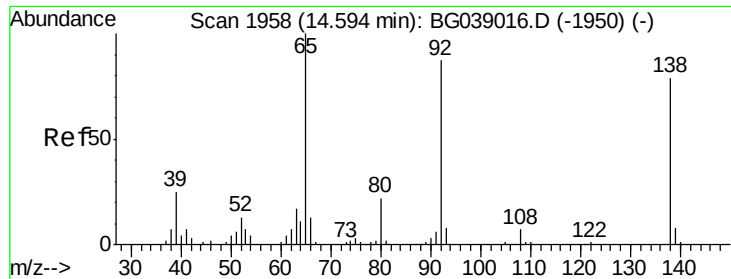
#52
 Acenaphthene
 Concen: 41.314 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: BG039156.D
 Acq: 16 Jan 2019 14:25

Tgt Ion:154 Resp: 164209
 Ion Ratio Lower Upper
 154 100
 153 111.8 87.9 131.9
 152 53.2 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: 4.530 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

Instrument :

BNA_G

ClientSampleId :

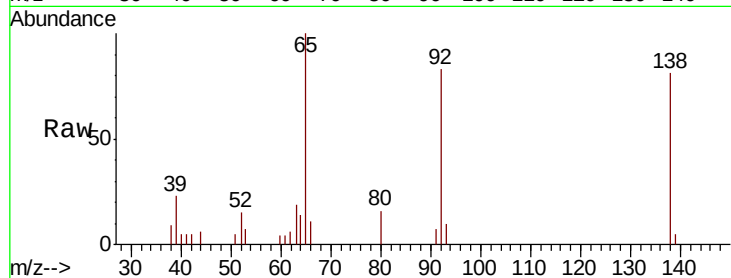
Tot Ion:138 Resp: 5960

Ion Ratio Lower Upper

138 100

108 0.0 7.4 11.0#

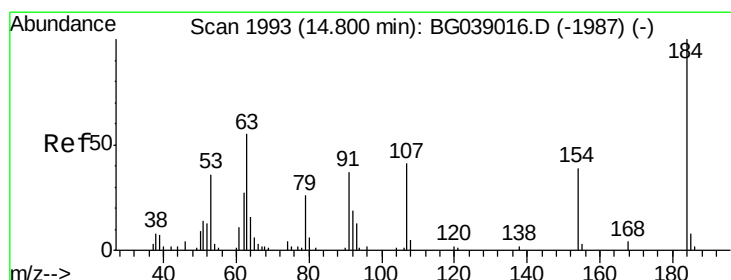
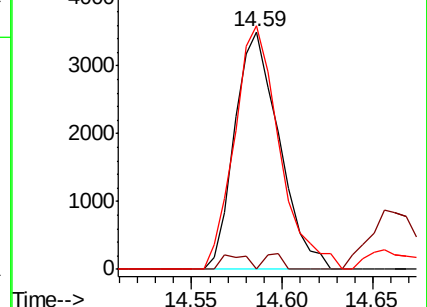
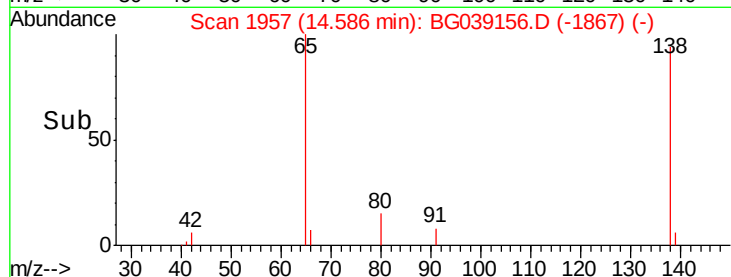
92 102.6 88.2 132.4



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: 69.887 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

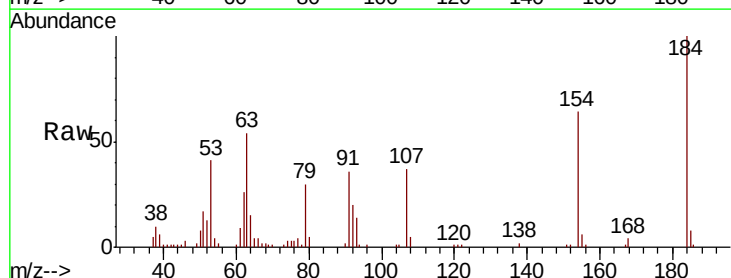
Tgt Ion:184 Resp: 53619

Ion Ratio Lower Upper

184 100

63 53.9 44.0 66.0

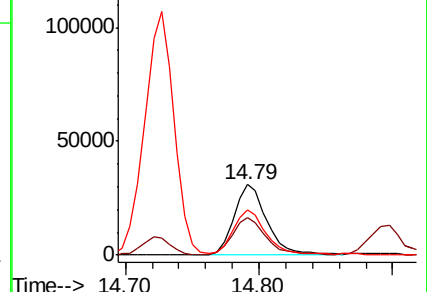
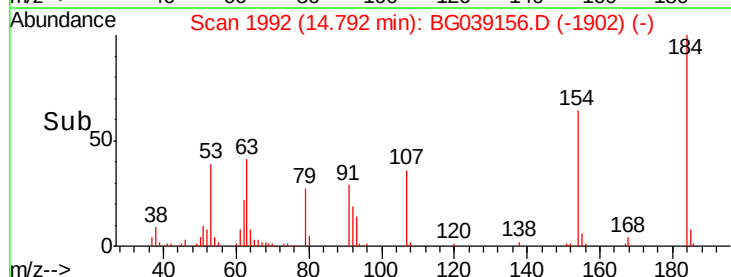
154 63.8 46.1 69.1

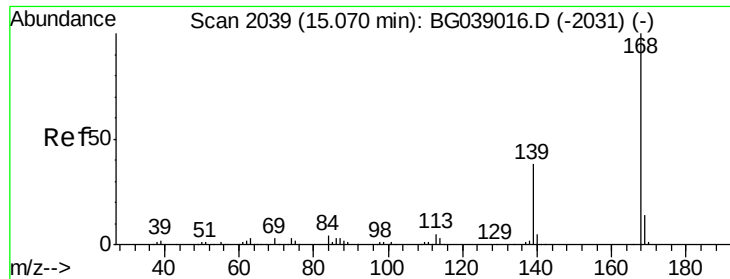


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 40.825 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

Instrument :

BNA_G

ClientSampleId :

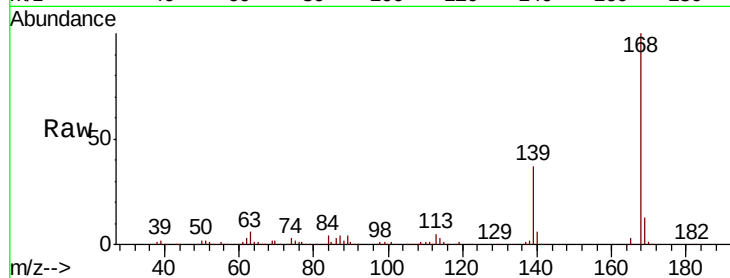
Tot Ion:168 Resp: 286582

Ion Ratio Lower Upper

168 100

139 37.2 30.1 45.1

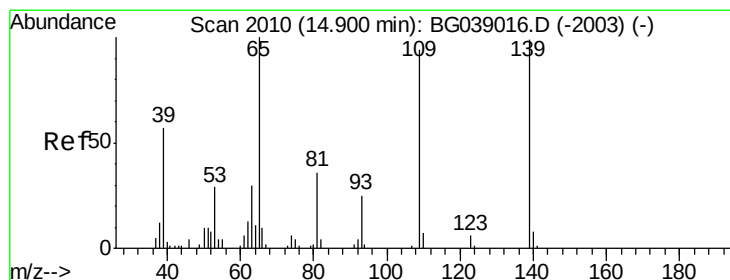
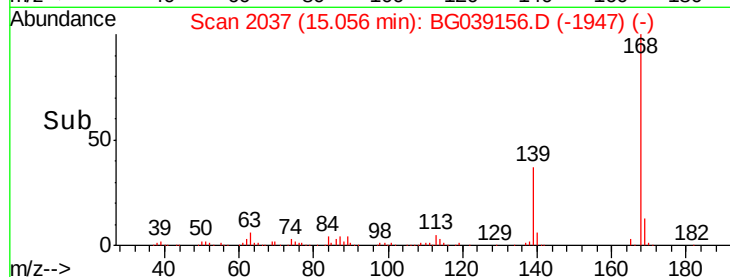
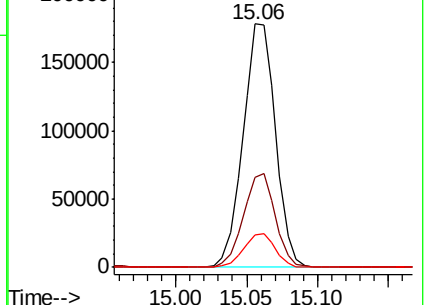
169 13.3 10.9 16.3



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: 70.874 ng

RT: 14.90 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

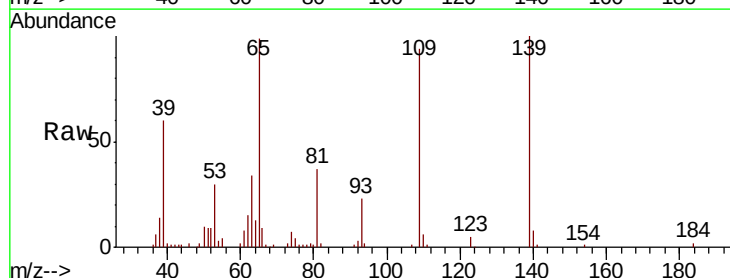
Tgt Ion:139 Resp: 67087

Ion Ratio Lower Upper

139 100

109 93.8 75.6 115.6

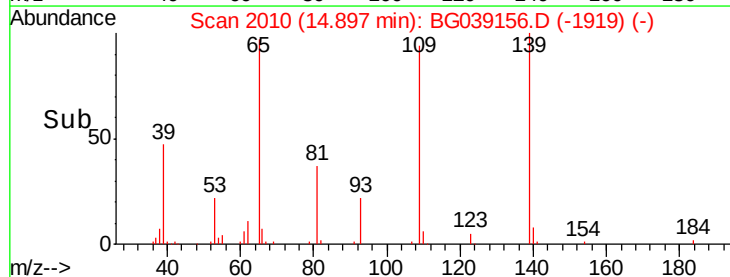
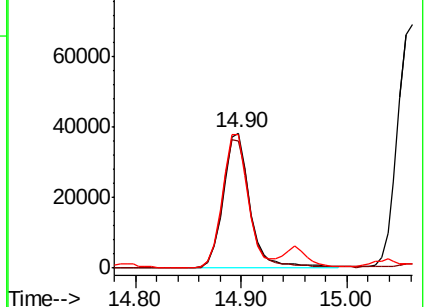
65 98.9 81.2 121.2

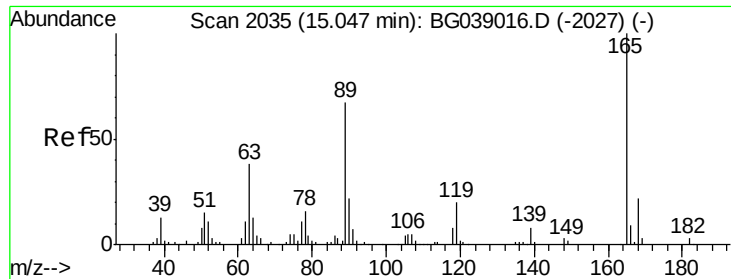


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

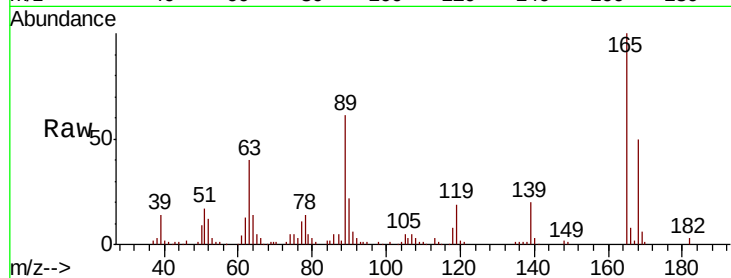




#57
2,4-Dinitrotoluene
Concen: 41.056 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.5	30.2	45.4
89	60.8	53.2	79.8
182	2.9	2.7	4.1



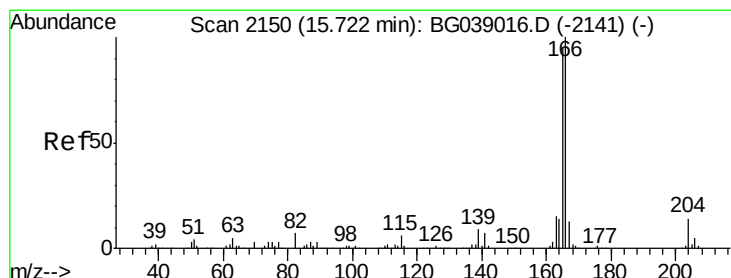
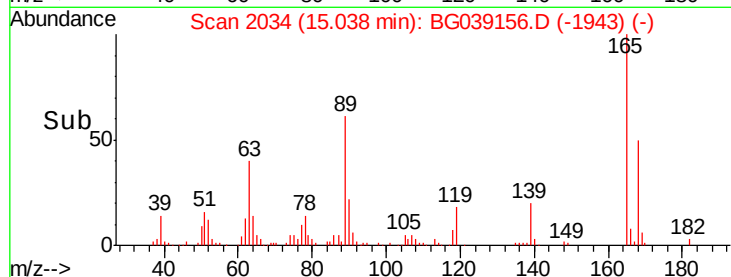
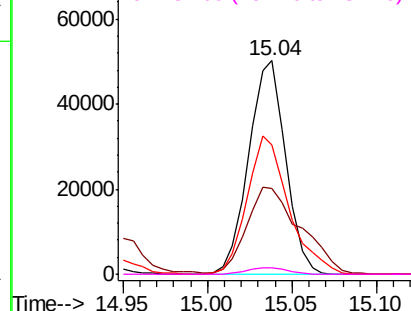
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

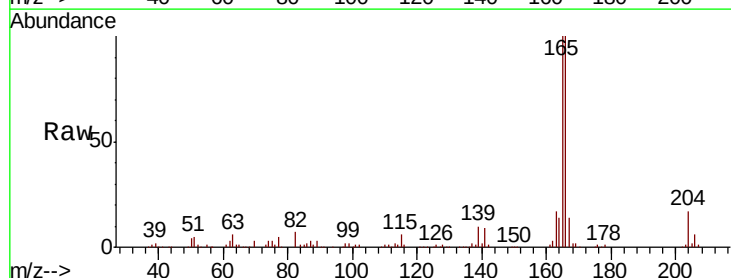
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.519 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	76.2	114.2
167	13.9	10.6	16.0

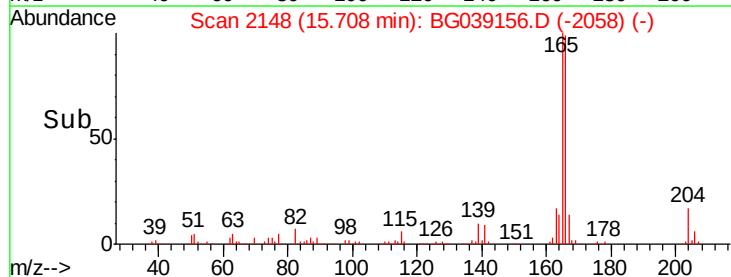
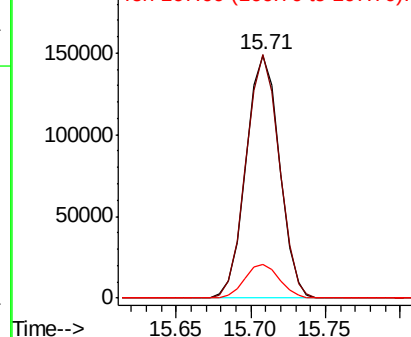


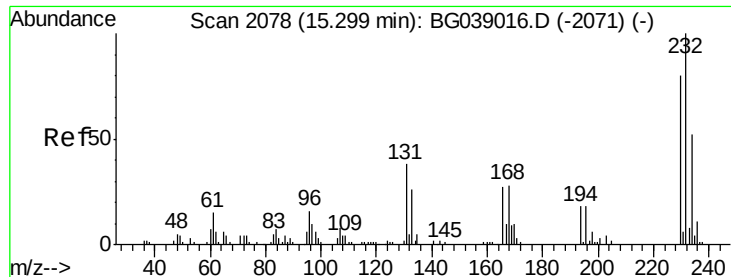
Abundance

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

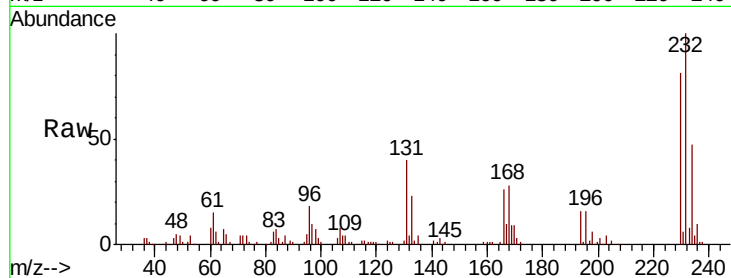




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.017 ng
RT: 15.29 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.4	30.9	46.3
130	2.4	1.9	2.9
166	27.1	22.1	33.1



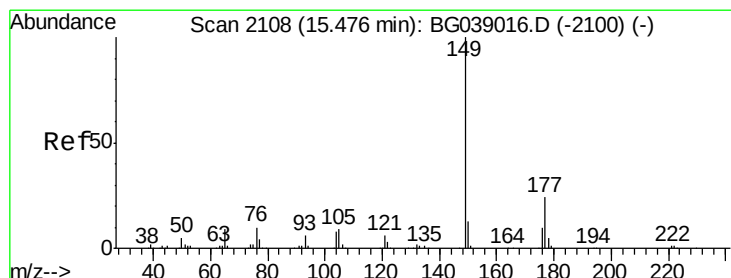
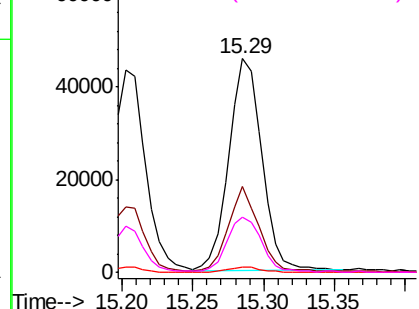
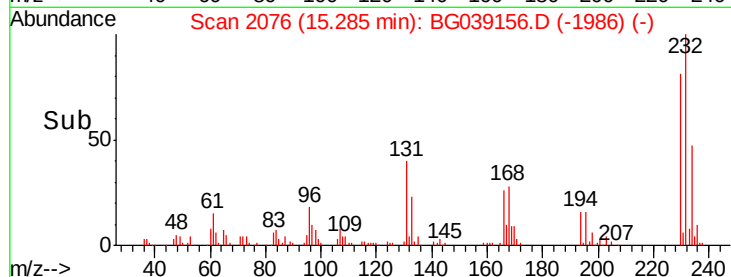
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

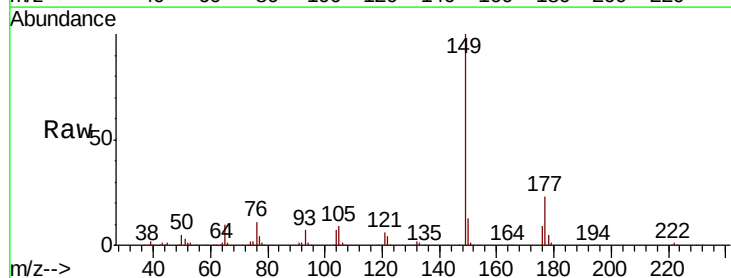
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.480 ng
RT: 15.47 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.0	28.6
150	12.7	10.2	15.4

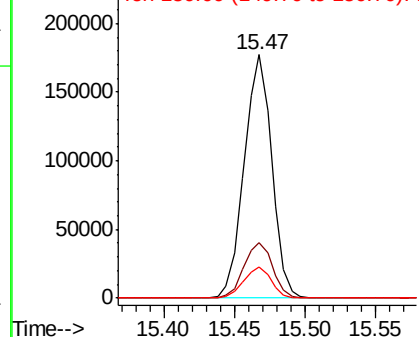
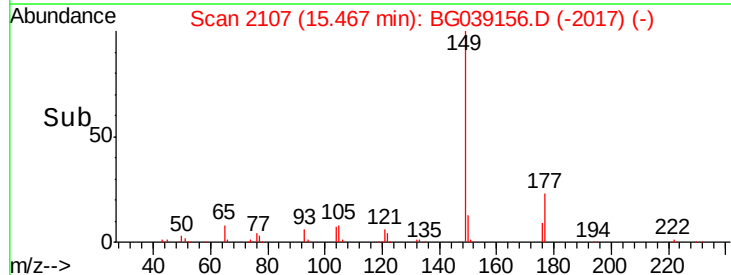


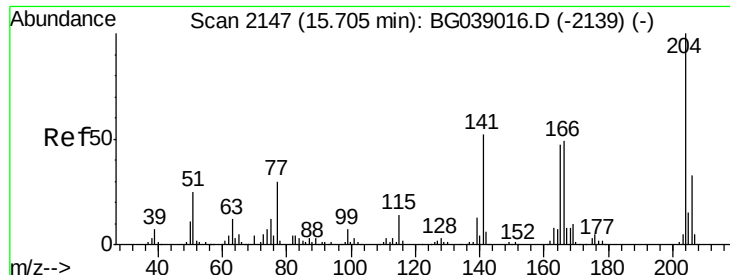
Abundance

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

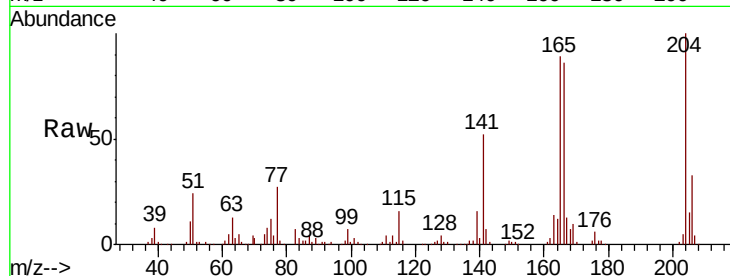




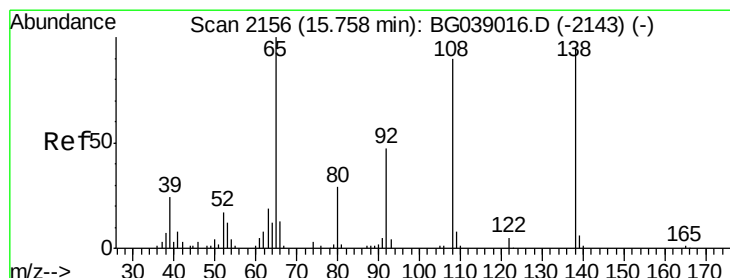
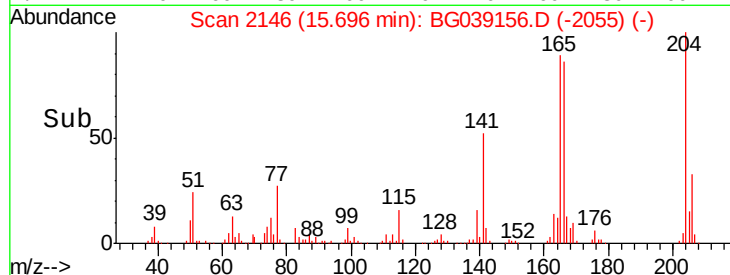
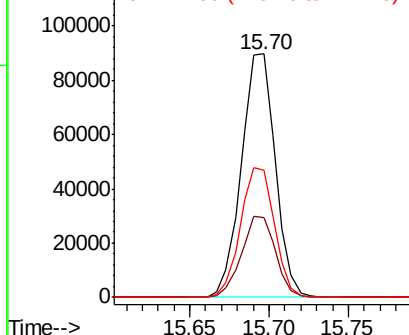
#61
4-Chlorophenyl-phenylether
Concen: 40.030 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.01 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 133258
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 52.0 41.4 62.0

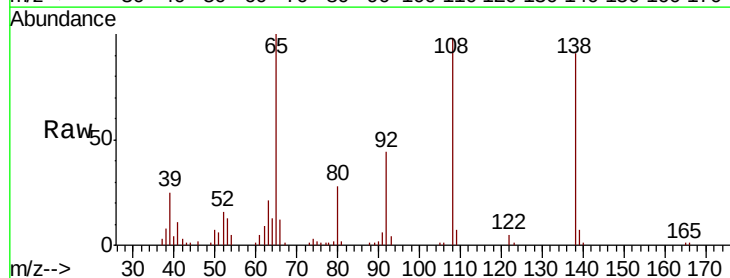


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

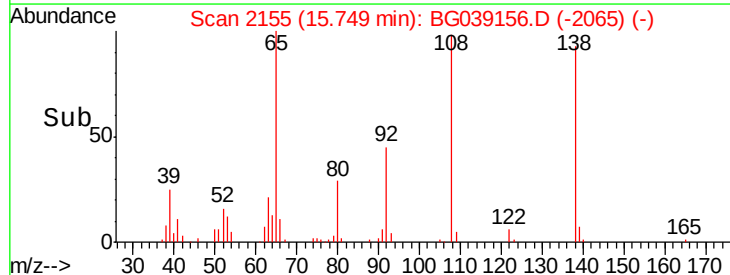
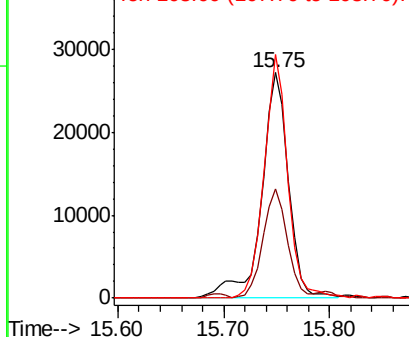


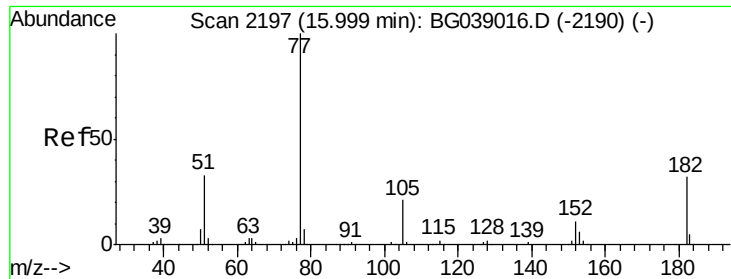
#62
4-Nitroaniline
Concen: 34.970 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

Tgt Ion:138 Resp: 47925
Ion Ratio Lower Upper
138 100
92 48.6 29.7 69.7
108 108.2 75.7 115.7



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

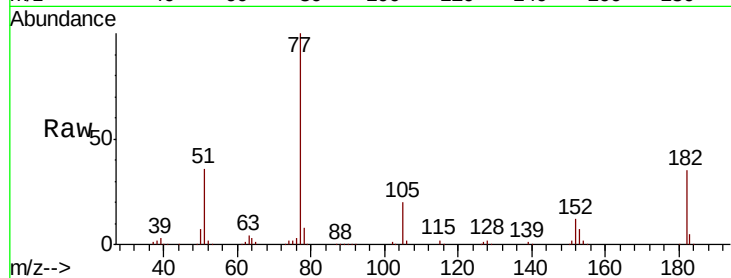




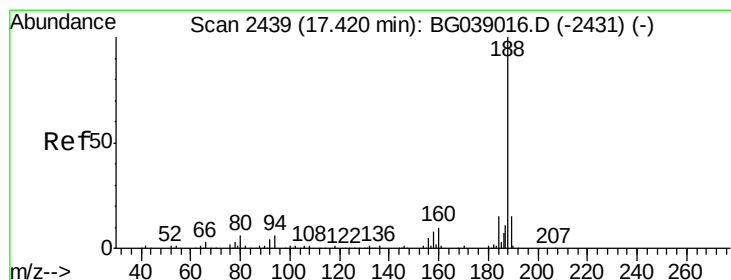
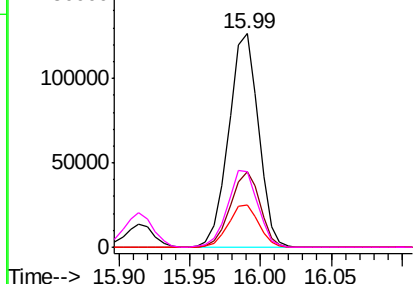
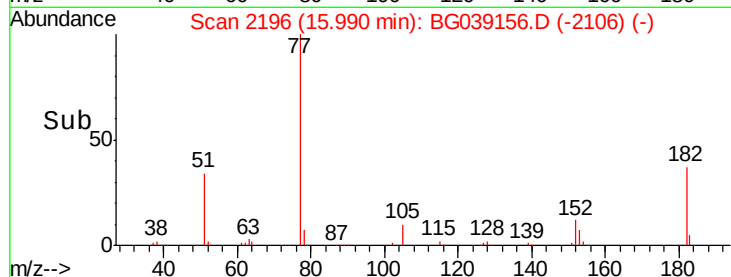
#63
Azobenzene
Concen: 39.741 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 185731
Ion Ratio Lower Upper
77 100
182 35.3 12.2 52.2
105 19.8 1.2 41.2
51 35.7 13.4 53.4

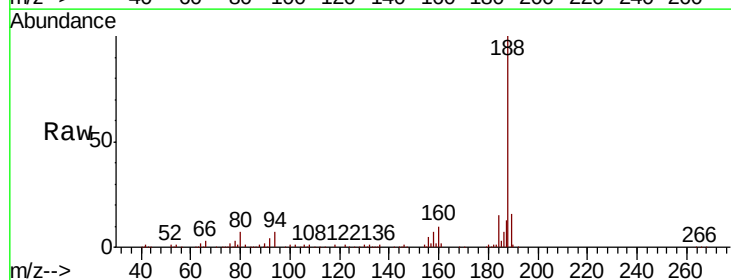


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

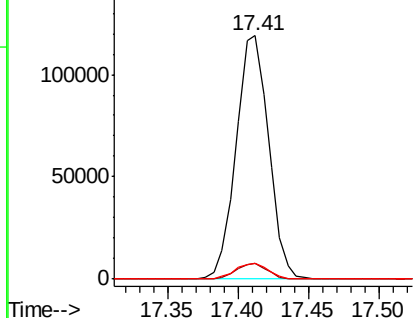
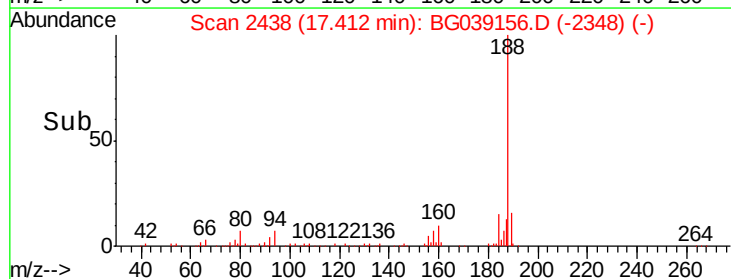


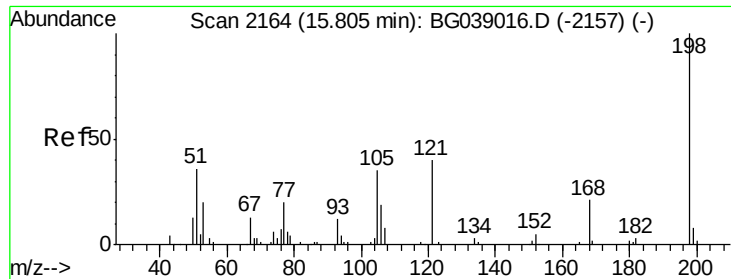
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

Tgt Ion: 188 Resp: 191700
Ion Ratio Lower Upper
188 100
94 6.6 5.0 7.4
80 6.6 4.7 7.1



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

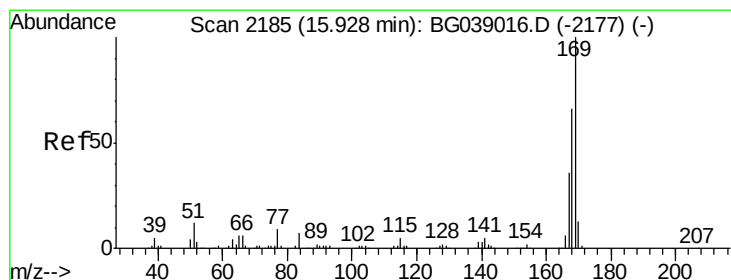
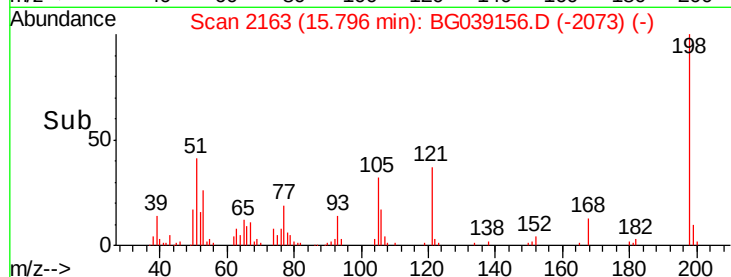
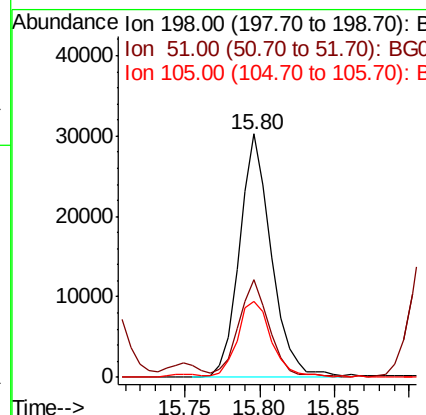
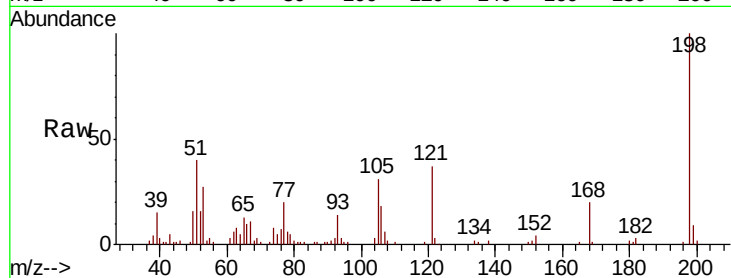




#65
 4,6-Dinitro-2-methylphenol
 Concen: 31.660 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BG039156.D
 Acq: 16 Jan 2019 14:25

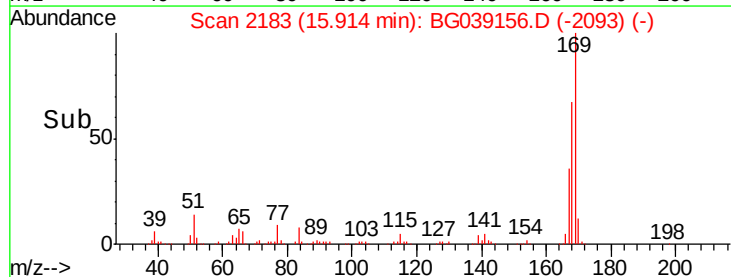
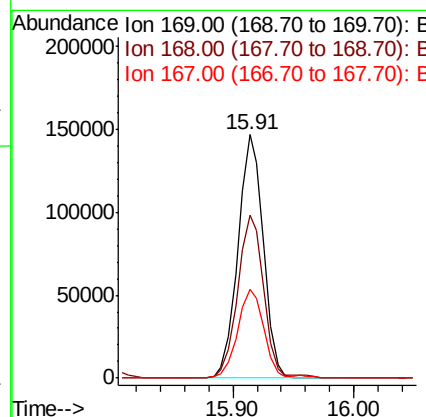
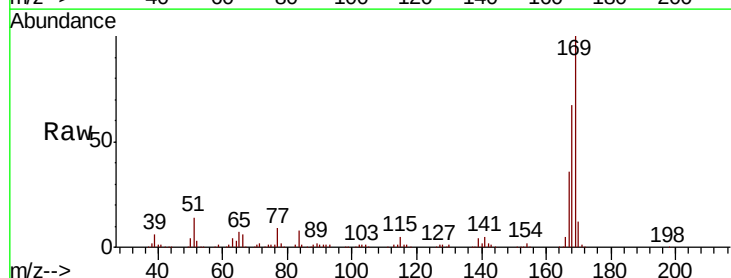
Instrument :
 BNA_G
 ClientSampleId :

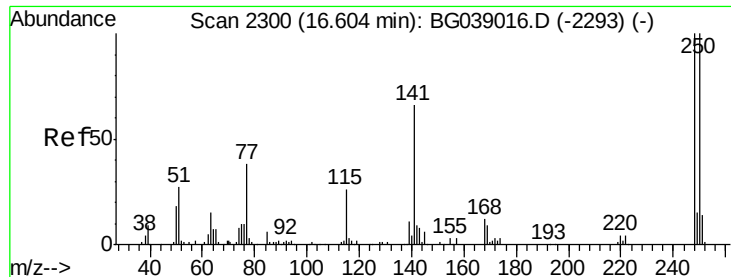
Tot Ion	Ratio	Lower	Upper
198	100		
51	40.3	20.8	60.8
105	31.3	16.1	56.1



#66
 n-Nitrosodiphenylamine
 Concen: 37.571 ng
 RT: 15.91 min Scan# 2183
 Delta R.T. -0.00 min
 Lab File: BG039156.D
 Acq: 16 Jan 2019 14:25

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.2	79.8
167	36.3	29.1	43.7

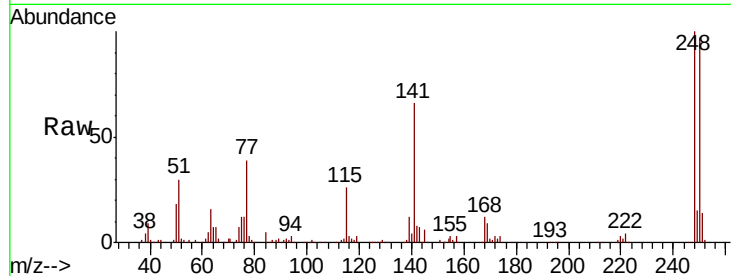




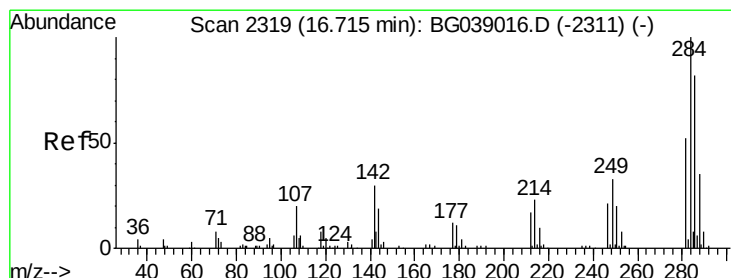
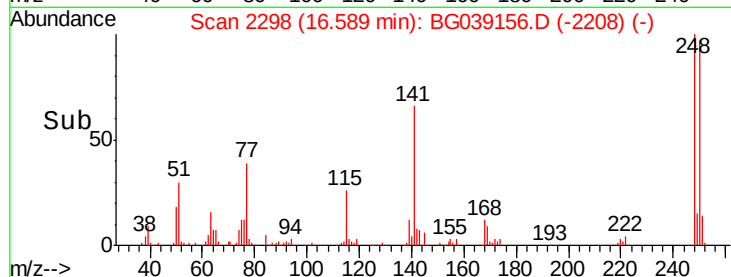
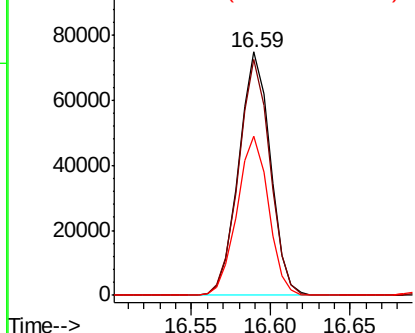
#67
 4-Bromophenyl-phenylether
 Concen: 41.912 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: BG039156.D
 Acq: 16 Jan 2019 14:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 103280
 Ion Ratio Lower Upper
 248 100
 250 96.9 79.9 119.9
 141 65.5 52.7 79.1

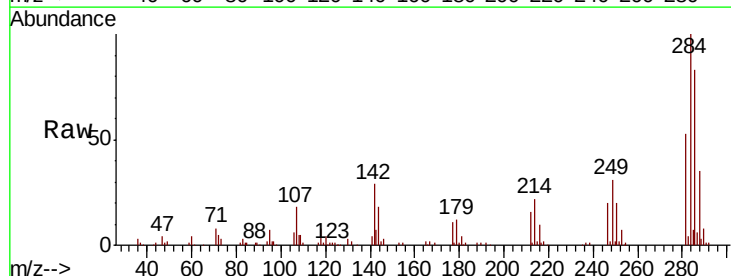


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

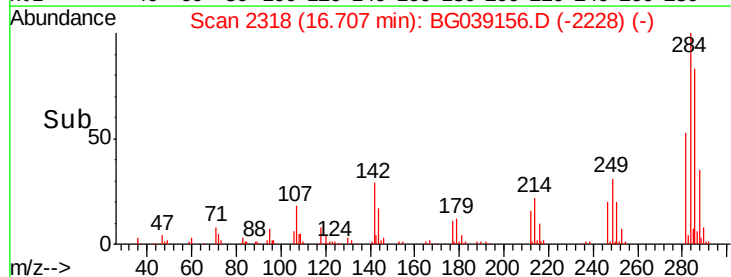
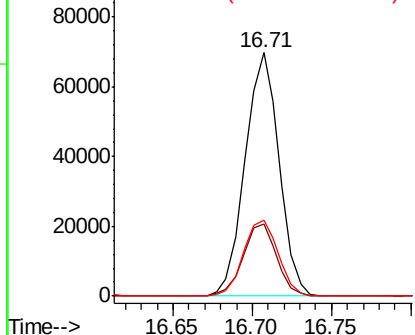


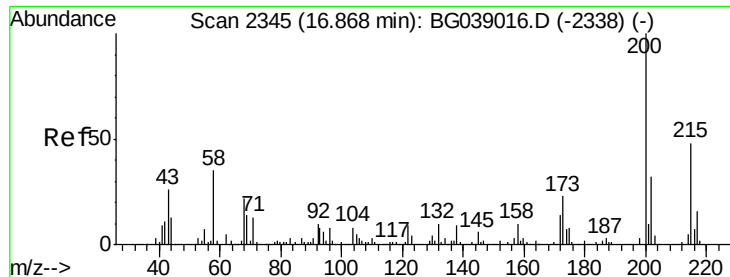
#68
 Hexachlorobenzene
 Concen: 38.510 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BG039156.D
 Acq: 16 Jan 2019 14:25

Tgt Ion:284 Resp: 103551
 Ion Ratio Lower Upper
 284 100
 142 29.4 24.3 36.5
 249 33.5 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: 46.379 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.00 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

Instrument :

BNA_G

ClientSampled :

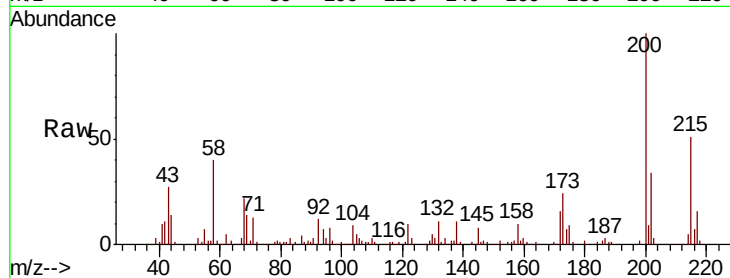
Tot Ion:200 Resp: 111968

Ion Ratio Lower Upper

200 100

173 24.5 2.6 42.6

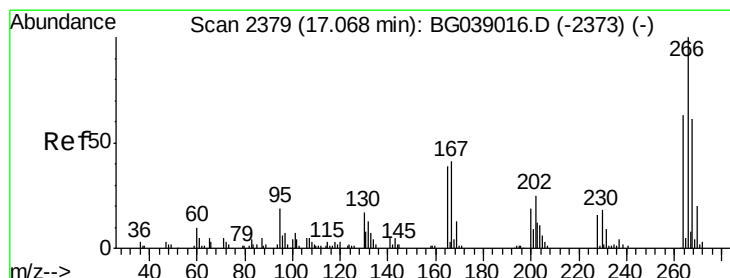
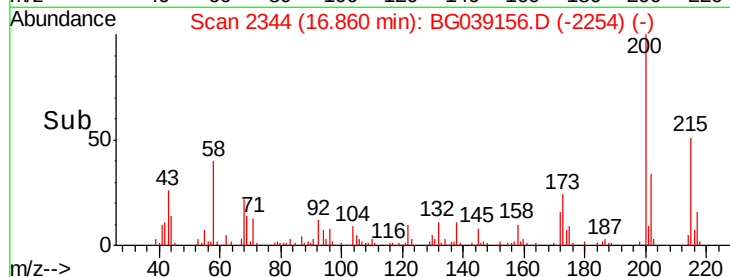
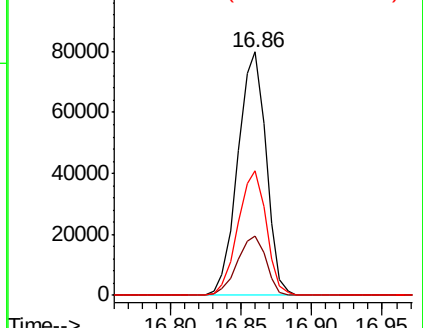
215 51.3 28.0 68.0



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: 66.650 ng

RT: 17.06 min Scan# 2378

Delta R.T. -0.00 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

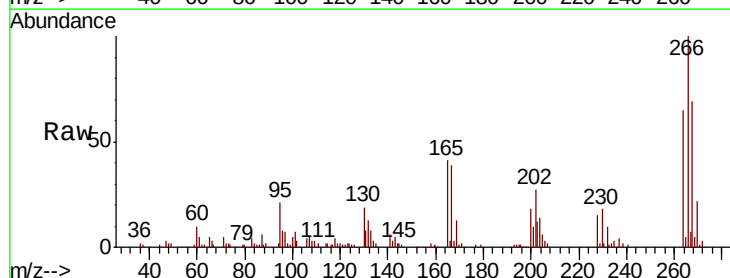
Tgt Ion:266 Resp: 108995

Ion Ratio Lower Upper

266 100

268 73.7 52.0 78.0

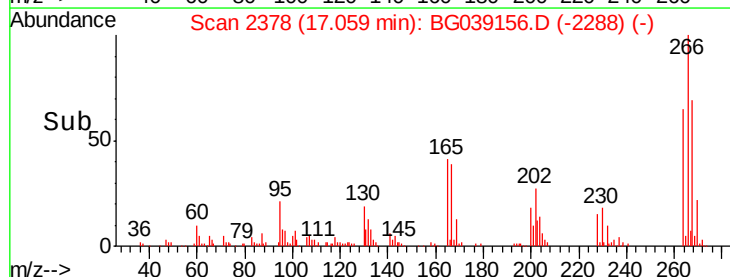
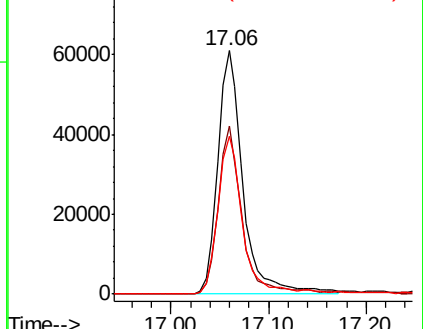
264 64.6 54.6 81.8

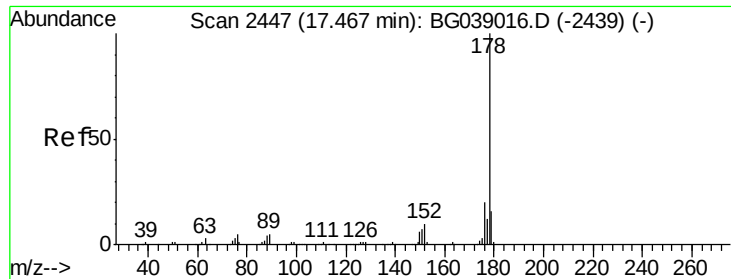


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

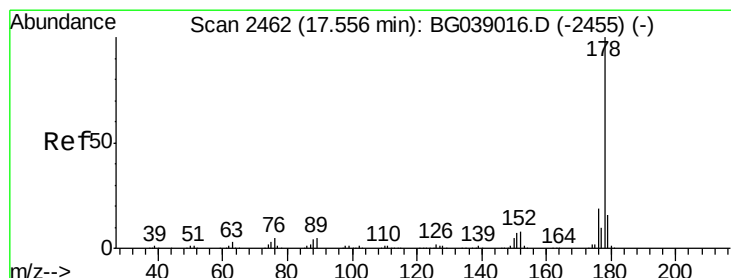
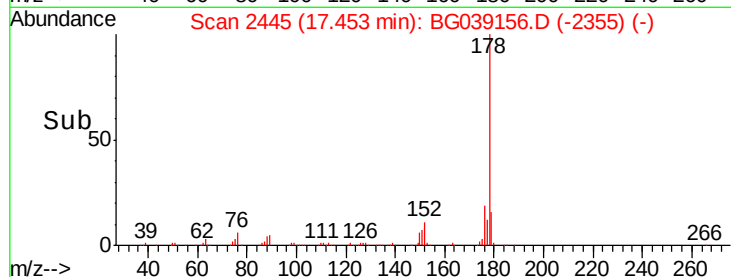
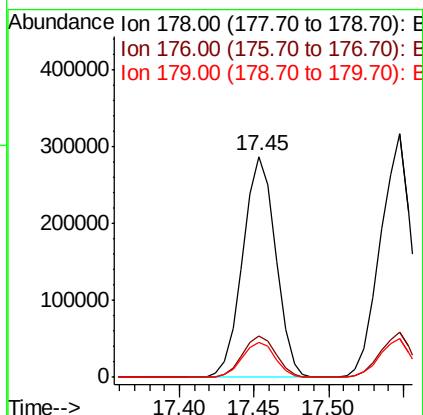
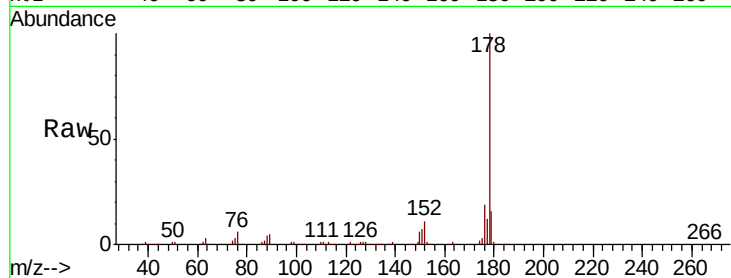




#71
Phenanthrene
Concen: 43.245 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

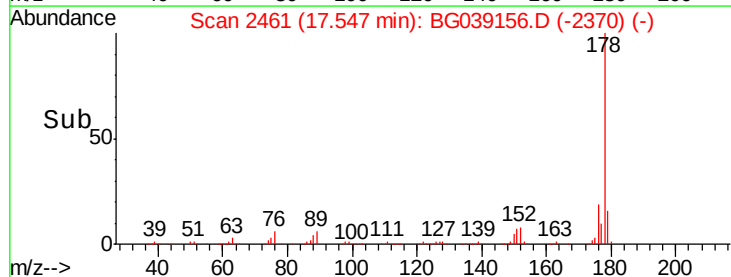
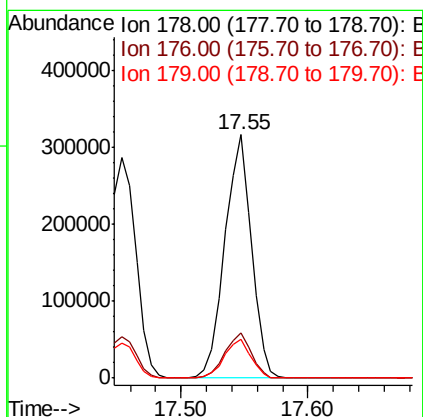
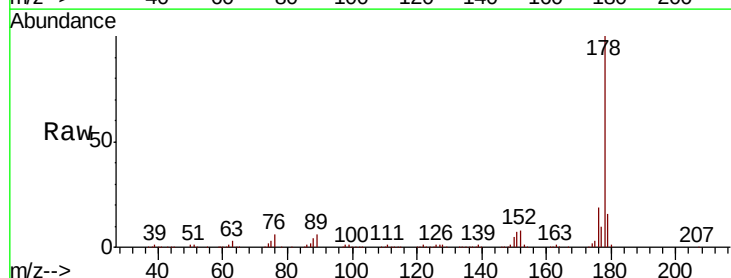
Instrument :
BNA_G
ClientSampleId :

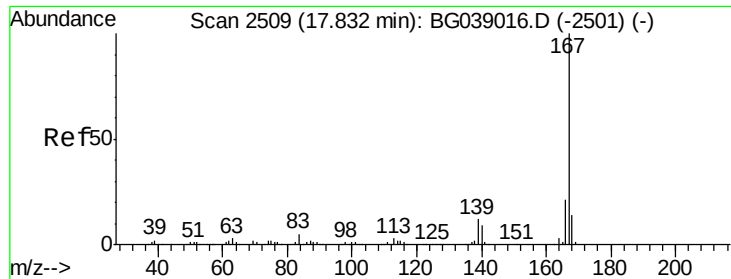
Tot Ion:178 Resp: 438188
Ion Ratio Lower Upper
178 100
176 18.9 15.7 23.5
179 16.1 12.9 19.3



#72
Anthracene
Concen: 45.575 ng
RT: 17.55 min Scan# 2461
Delta R.T. 0.01 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

Tgt Ion:178 Resp: 456589
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 16.1 13.0 19.4





#73

Carbazole

Concen: 40.971 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

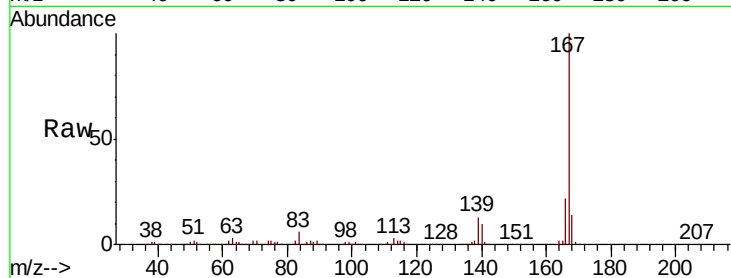
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 405203

Ion	Ratio	Lower	Upper
167	100		
166	22.1	16.9	25.3
139	12.5	10.0	15.0

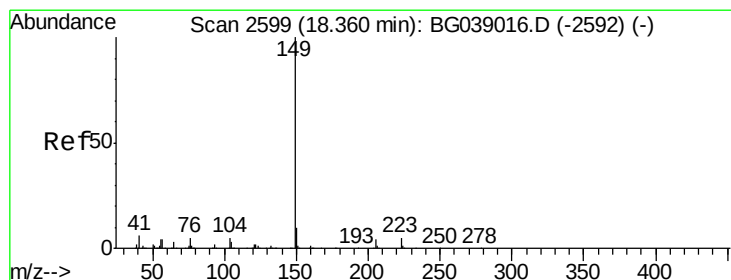
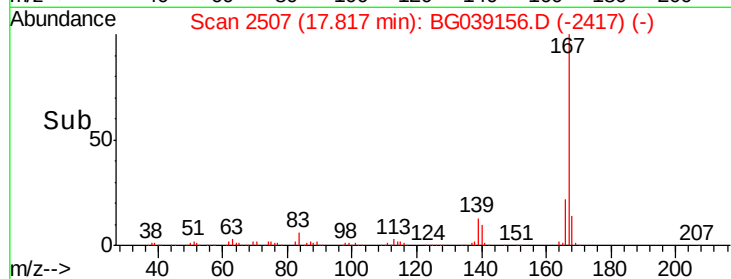
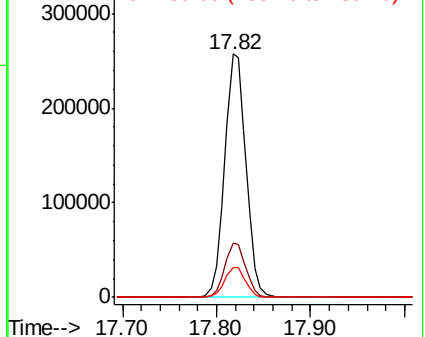


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.268 ng

RT: 18.35 min Scan# 2597

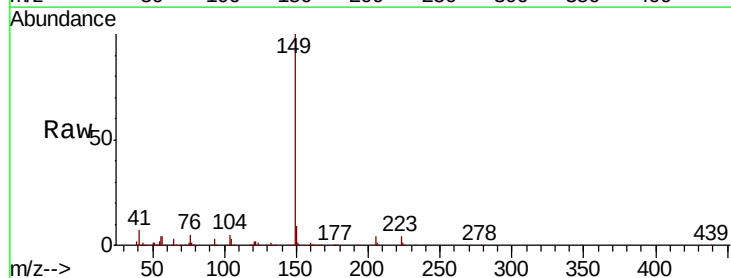
Delta R.T. -0.00 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

Tgt Ion:149 Resp: 454050

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	5.5	4.2	6.2

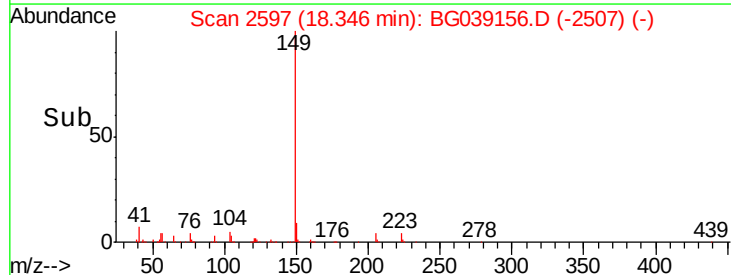
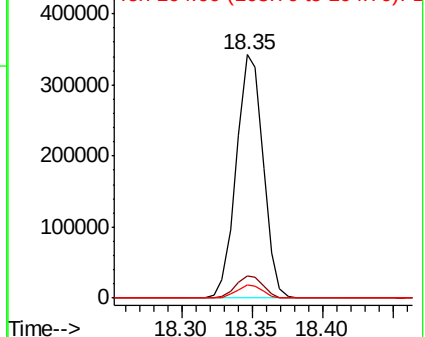


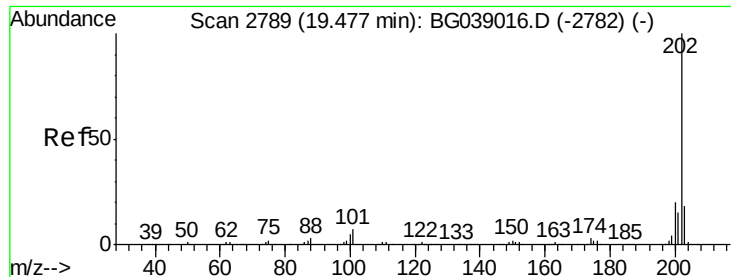
Abundance

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

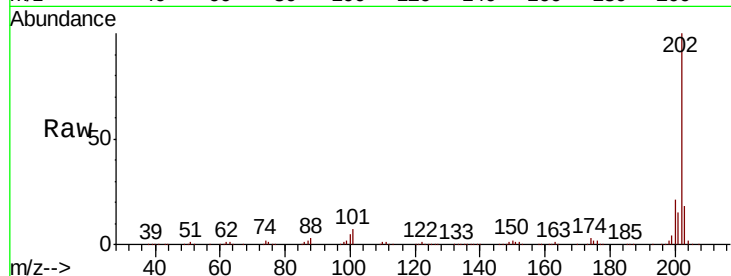




#75
 Fluoranthene
 Concen: 43.776 ng
 RT: 19.46 min Scan# 2787
 Delta R.T. -0.00 min
 Lab File: BG039156.D
 Acq: 16 Jan 2019 14:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	26.9
203	17.8	0.0	38.1

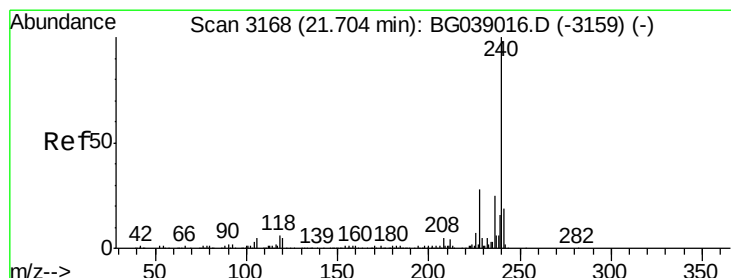
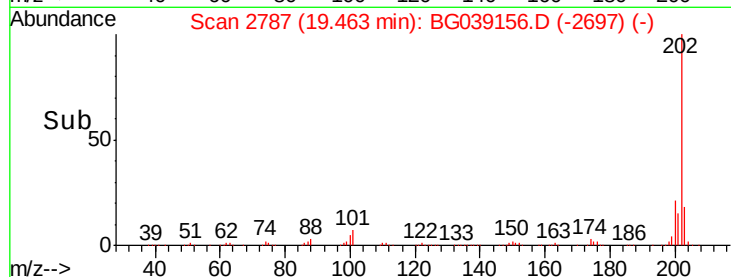
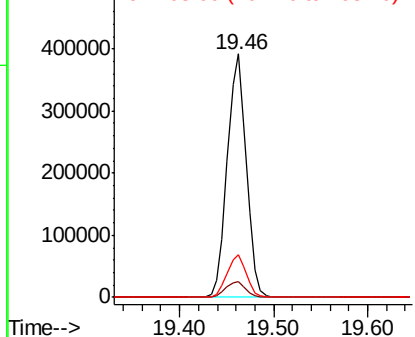


Abundance

Ion 202.00 (201.70 to 202.70): E

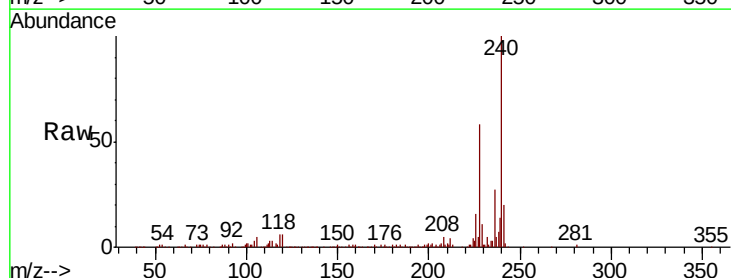
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG039156.D
 Acq: 16 Jan 2019 14:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.5	4.3	6.5
236	26.7	20.1	30.1

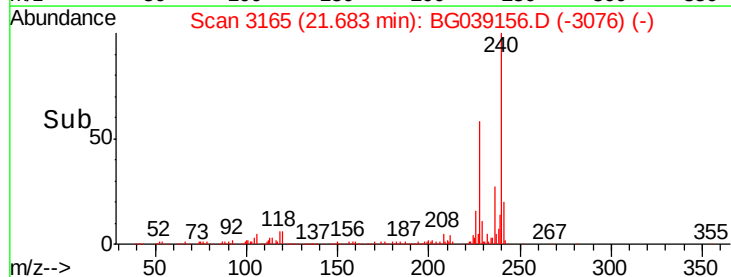
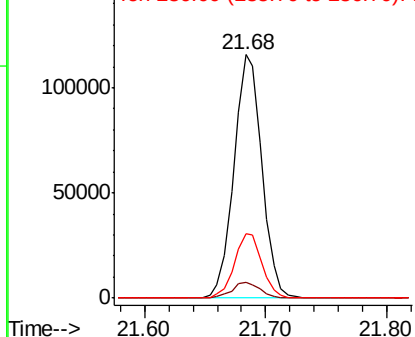


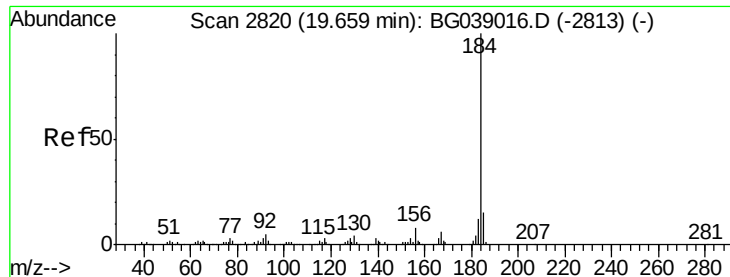
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 9.723 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

Instrument :

BNA_G

ClientSampleId :

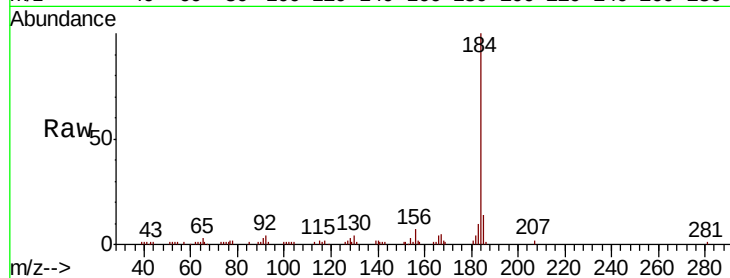
Tot Ion:184 Resp: 55247

Ion Ratio Lower Upper

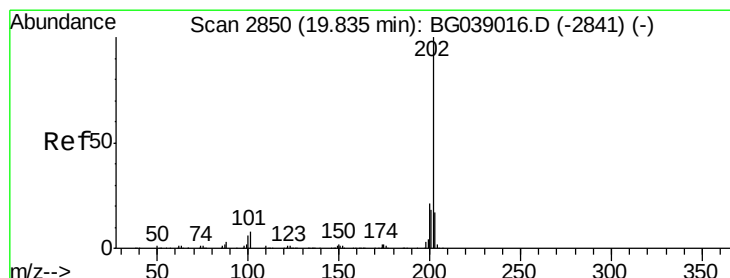
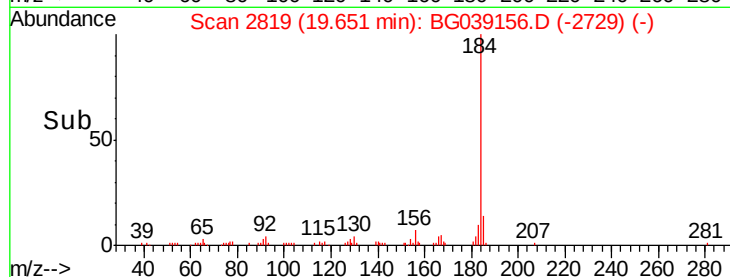
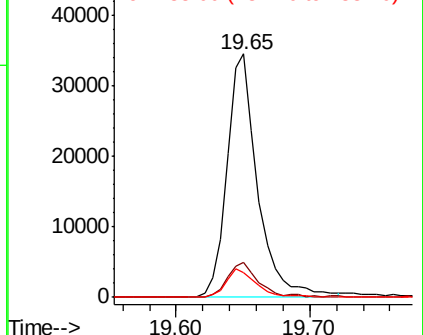
184 100

185 14.5 12.1 18.1

183 10.3 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.420 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

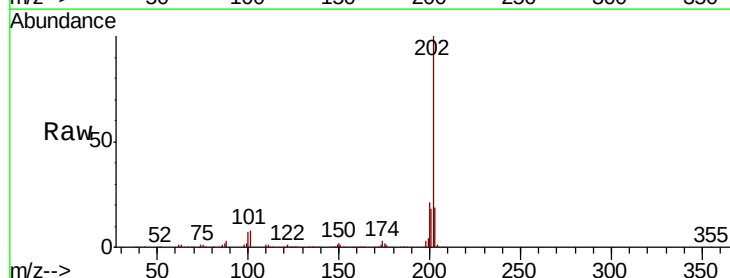
Tgt Ion:202 Resp: 549572

Ion Ratio Lower Upper

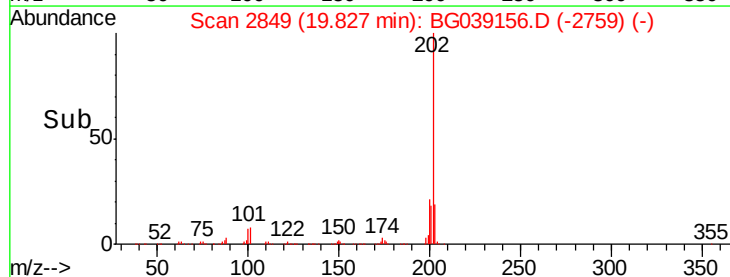
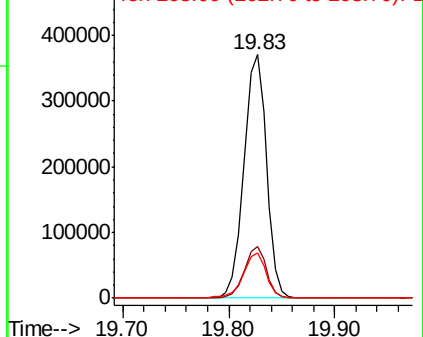
202 100

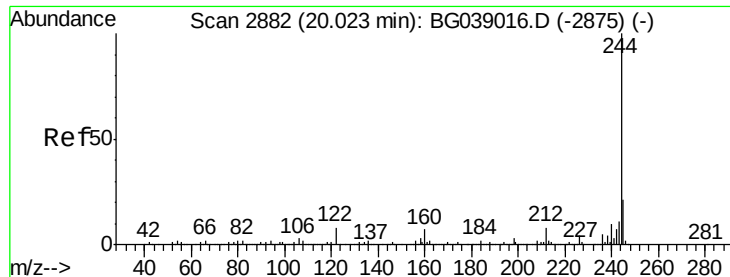
200 21.2 17.0 25.6

203 18.6 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.618 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

Instrument :

BNA_G

ClientSampleId :

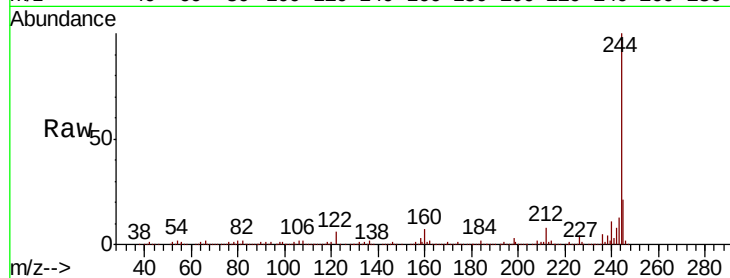
Tot Ion:244 Resp: 910033

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

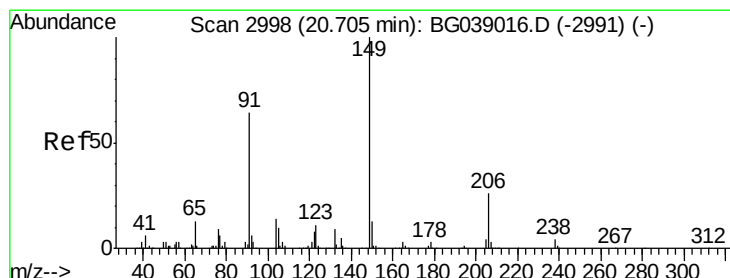
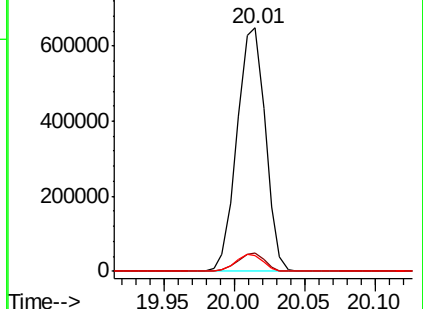
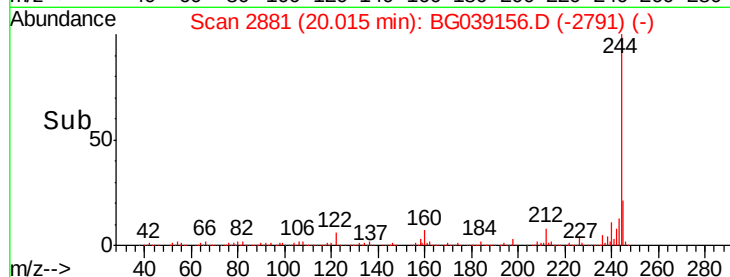
122 6.4 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.708 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

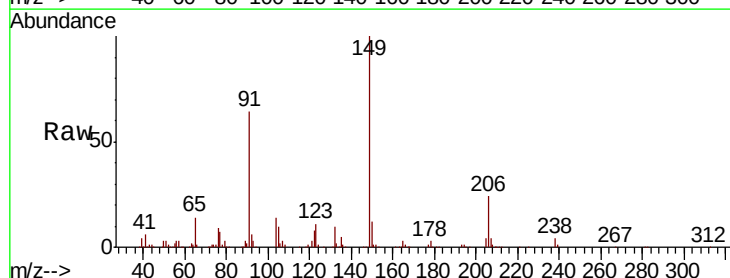
Tgt Ion:149 Resp: 201316

Ion Ratio Lower Upper

149 100

91 64.3 51.4 77.0

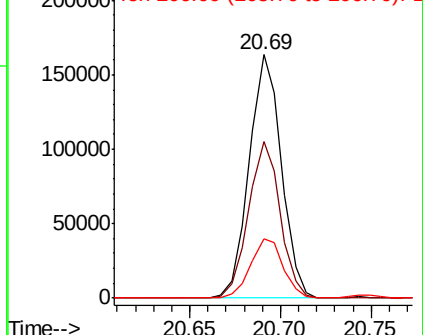
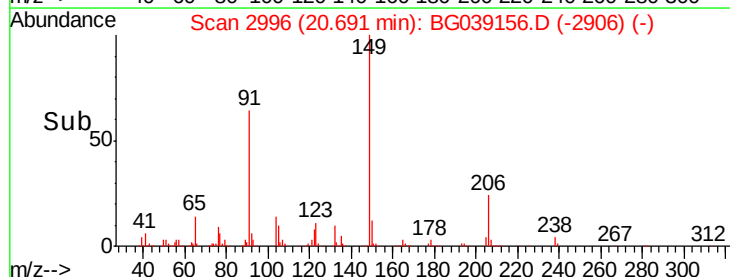
206 24.1 20.4 30.6

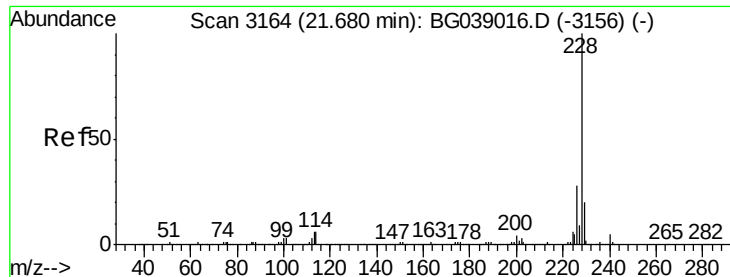


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.939 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG039156.D

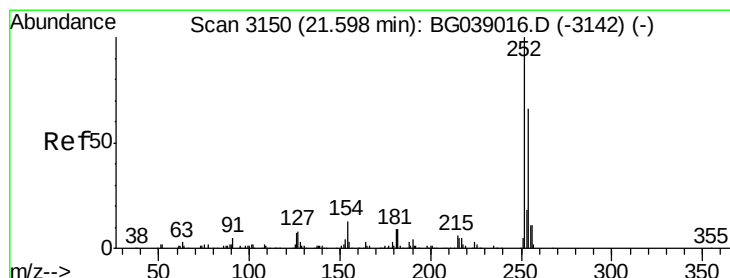
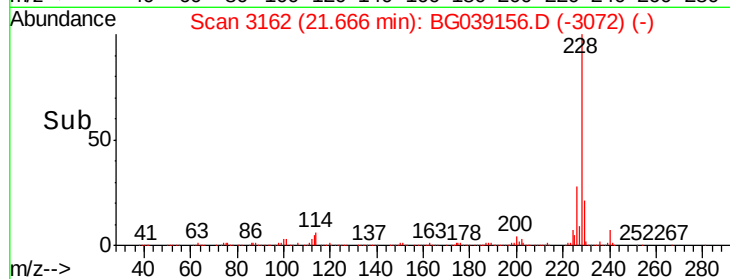
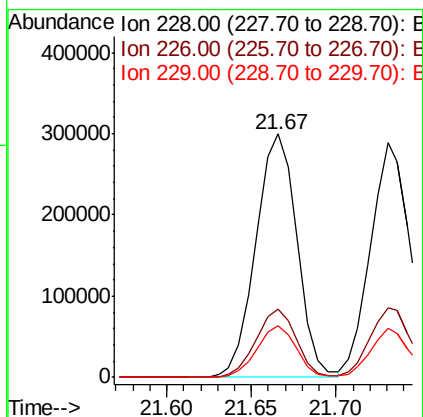
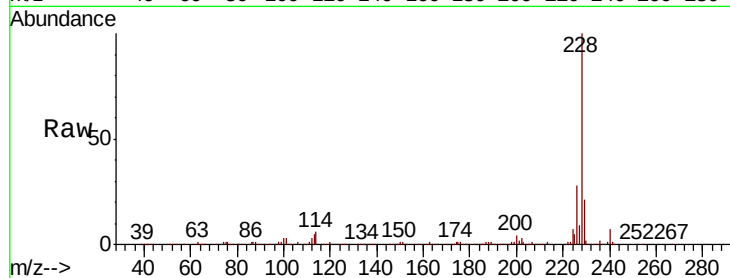
Acq: 16 Jan 2019 14:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:228	Resp:	508216
Ion	Ratio	Lower Upper
228	100	
226	27.8	22.4 33.6
229	21.4	16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 10.713 ng

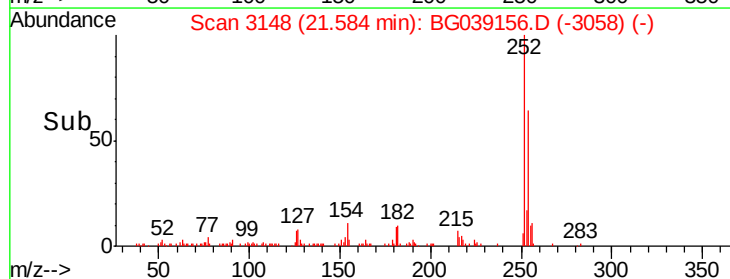
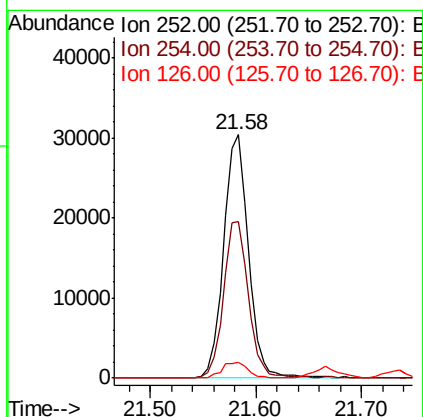
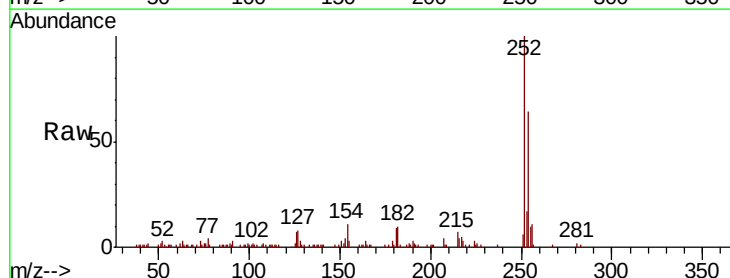
RT: 21.58 min Scan# 3148

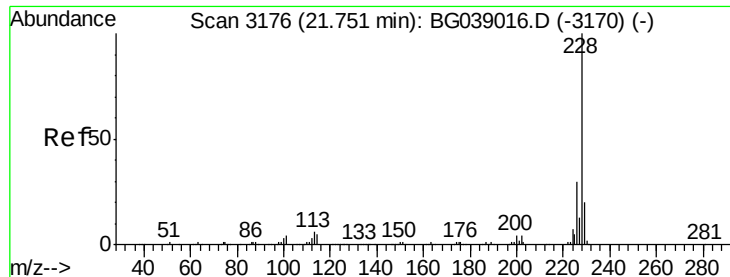
Delta R.T. -0.00 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

Tgt Ion:252	Resp:	49363
Ion	Ratio	Lower Upper
252	100	
254	64.1	53.0 79.6
126	6.6	6.0 9.0





#83

Chrysene

Concen: 43.687 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

Instrument :

BNA_G

ClientSampleId :

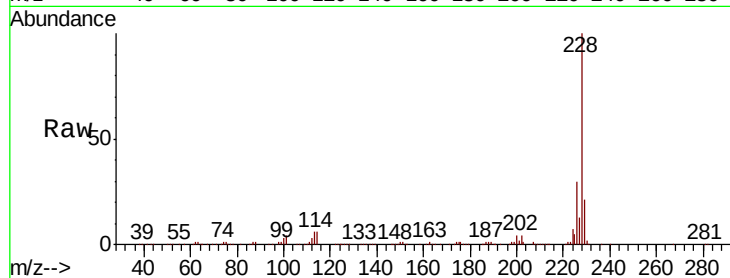
Tot Ion:228 Resp: 469892

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 20.9 16.0 24.0

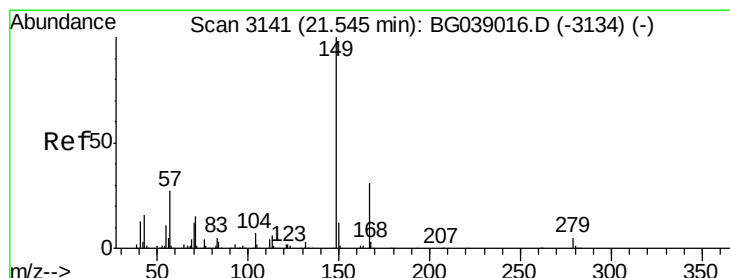
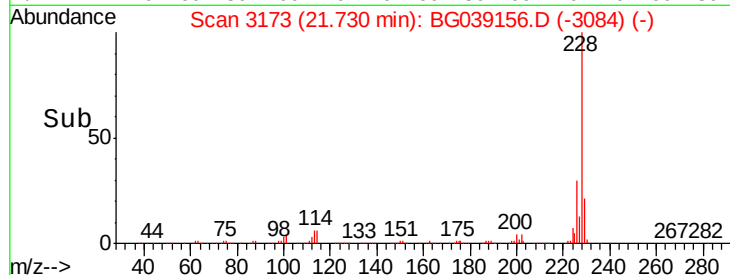
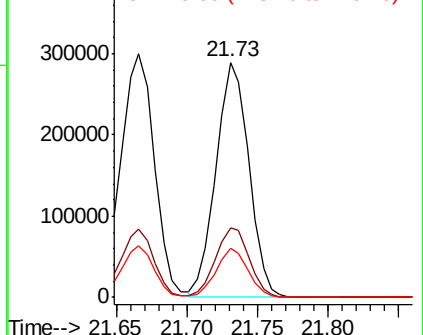


Abundance

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: 43.843 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

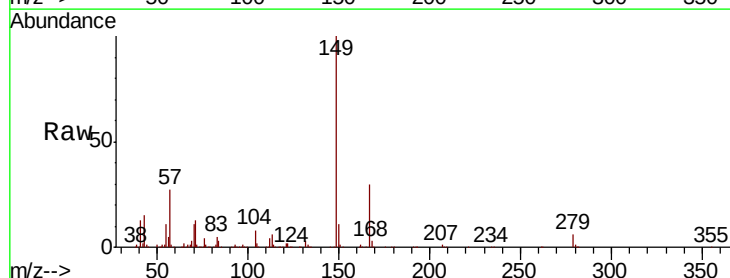
Tgt Ion:149 Resp: 274117

Ion Ratio Lower Upper

149 100

167 30.1 25.0 37.4

279 6.1 4.3 6.5

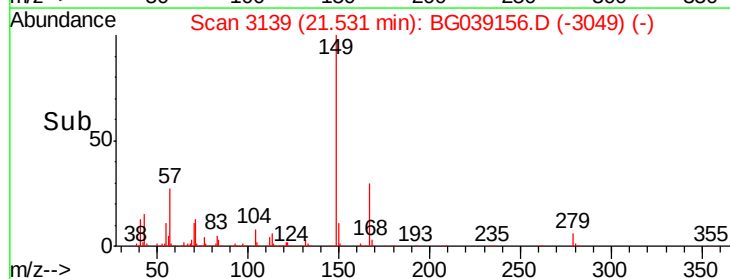
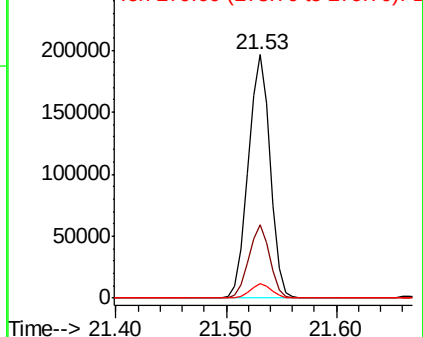


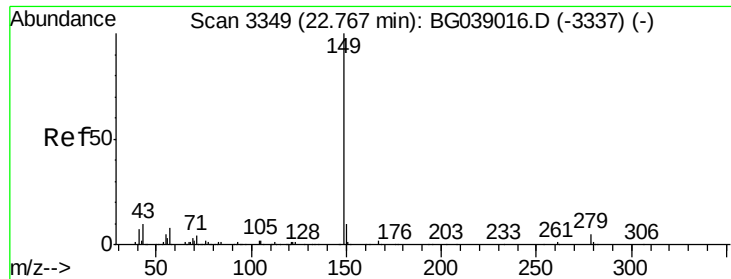
Abundance

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

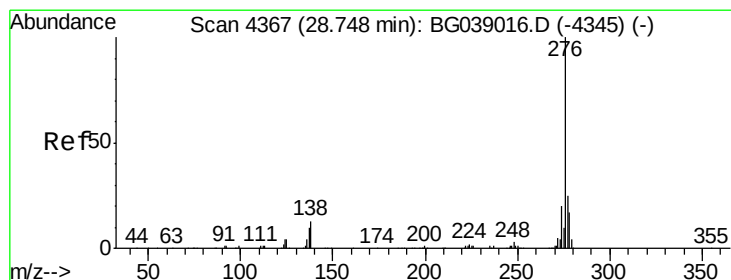
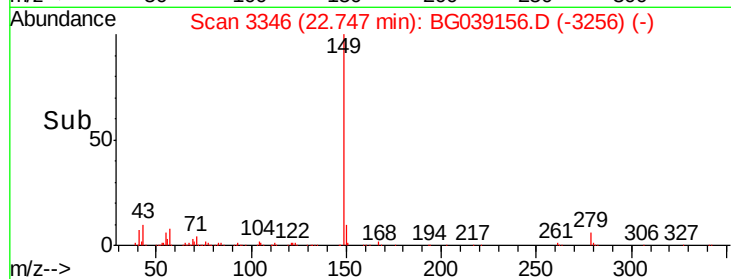
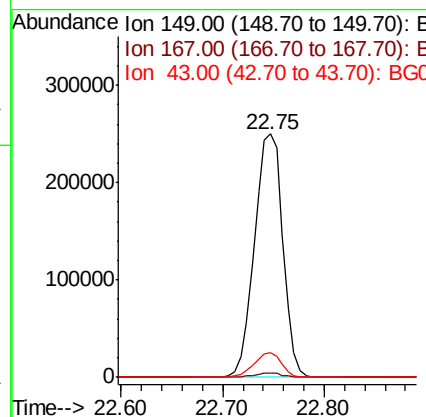
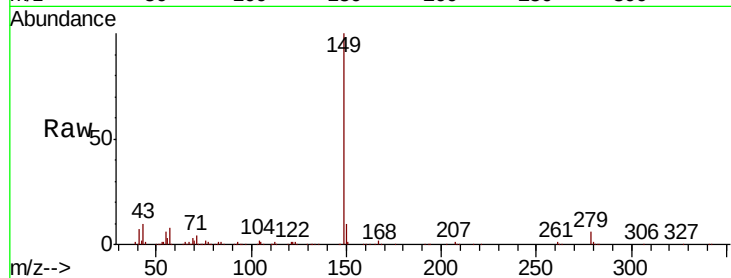




#85
Di-n-octyl phthalate
Concen: 45.918 ng
RT: 22.75 min Scan# 3346
Delta R.T. -0.00 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

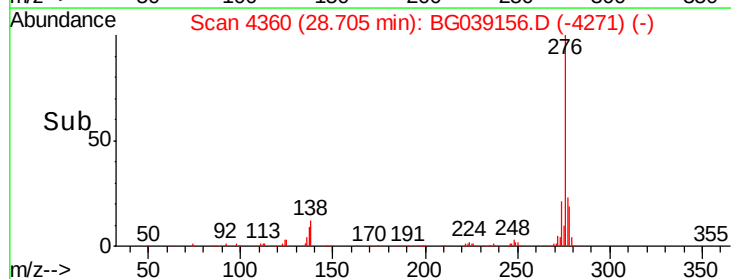
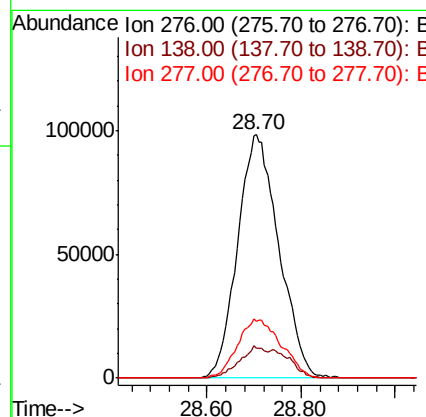
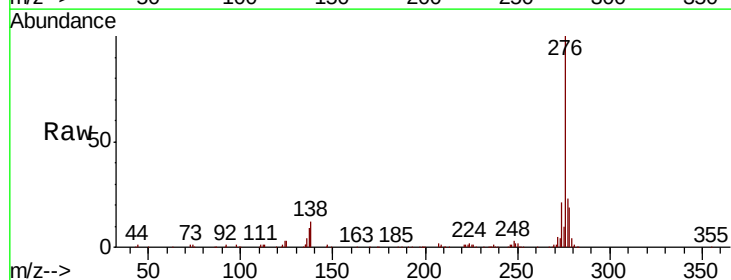
Instrument :
BNA_G
ClientSampleId :

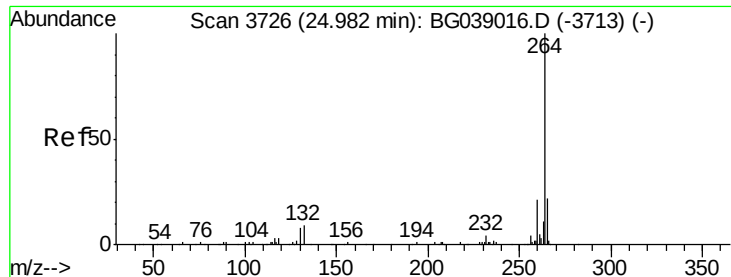
Tot Ion:149 Resp: 485449
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.5 7.5 11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.664 ng
RT: 28.70 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

Tgt Ion:276 Resp: 599739
Ion Ratio Lower Upper
276 100
138 8.3 8.0 12.0
277 25.7 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.96 min Scan# 3722

Delta R.T. -0.00 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

Instrument :

BNA_G

ClientSampleId :

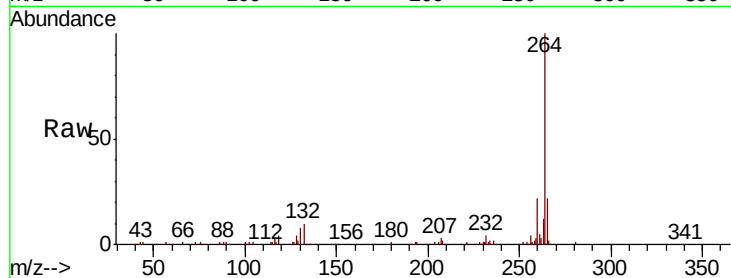
Tot Ion:264 Resp: 210814

Ion Ratio Lower Upper

264 100

260 22.3 17.0 25.6

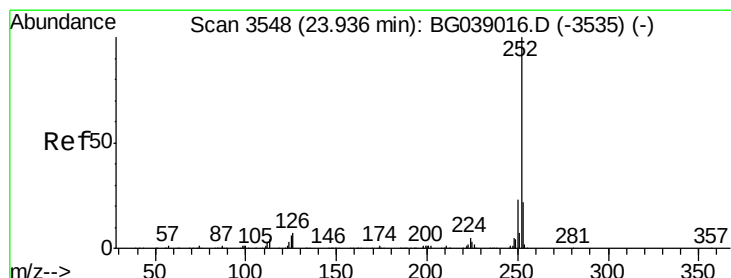
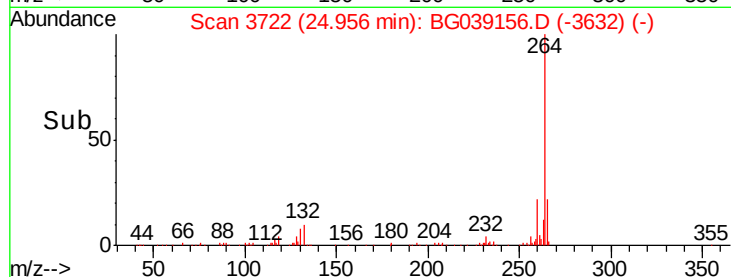
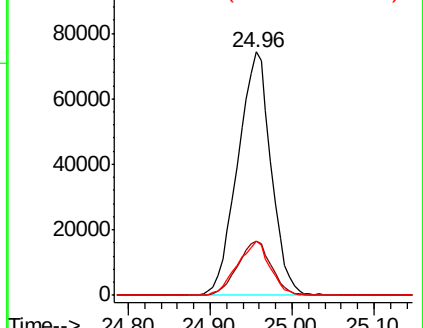
265 22.2 17.2 25.8



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: 46.027 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

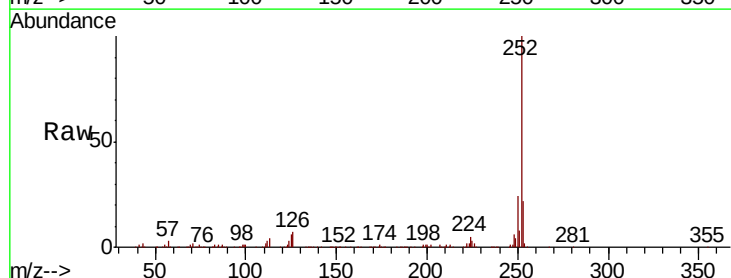
Tgt Ion:252 Resp: 535025

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

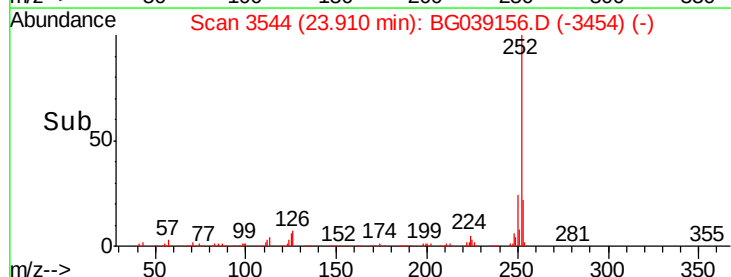
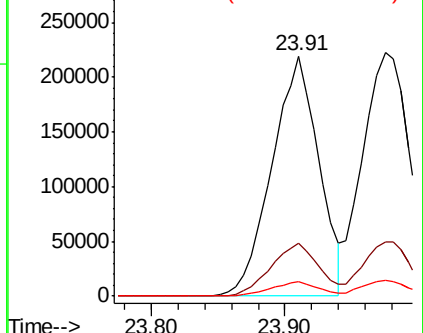
125 6.2 4.9 7.3

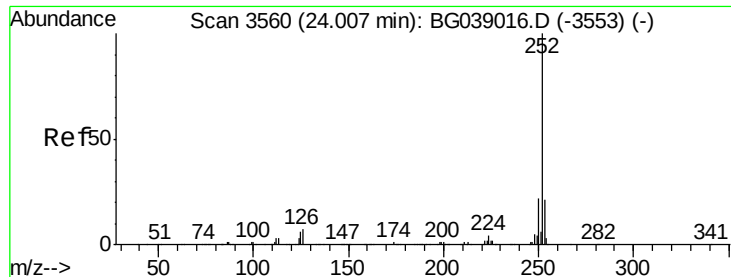


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 47.650 ng

RT: 23.97 min Scan# 3555

Delta R.T. -0.01 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

Instrument :

BNA_G

ClientSampled :

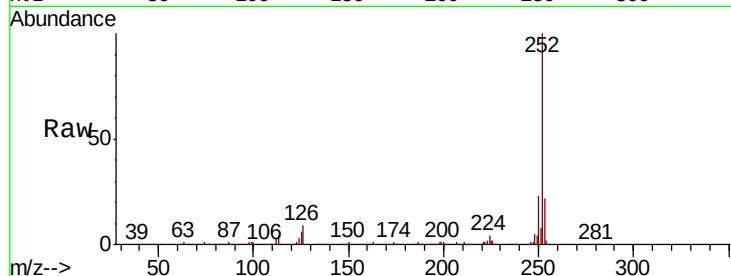
Tot Ion:252 Resp: 547648

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

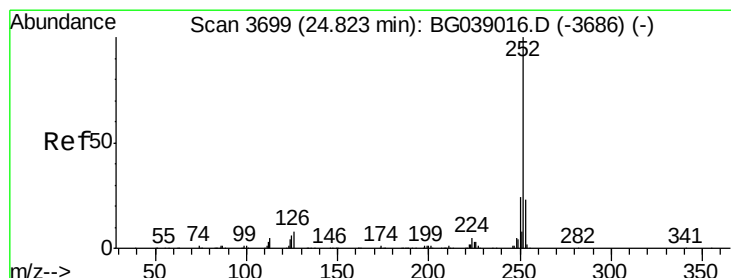
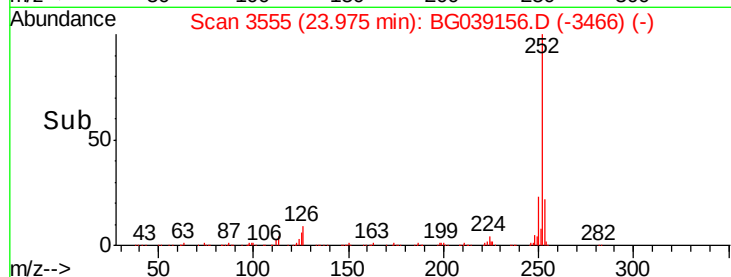
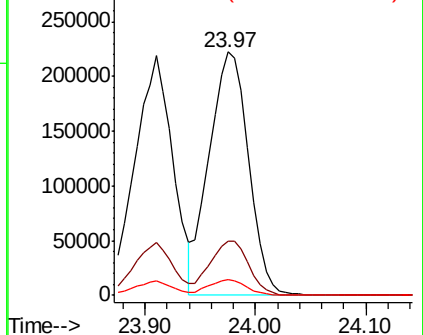
125 6.3 4.6 7.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.098 ng

RT: 24.80 min Scan# 3696

Delta R.T. 0.01 min

Lab File: BG039156.D

Acq: 16 Jan 2019 14:25

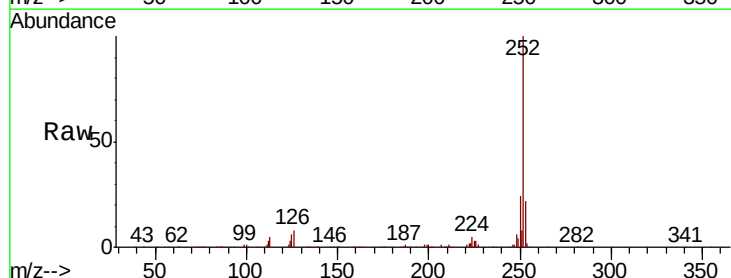
Tgt Ion:252 Resp: 506711

Ion Ratio Lower Upper

252 100

253 21.9 18.3 27.5

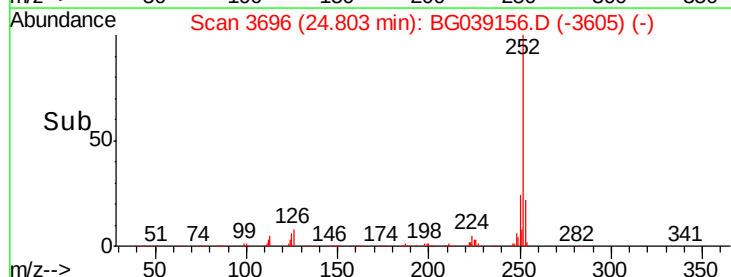
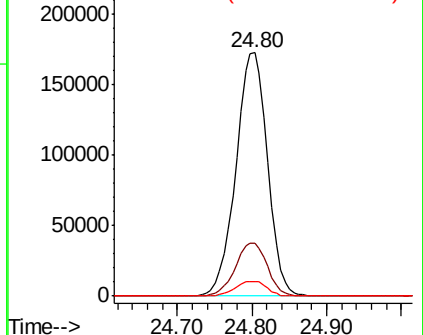
125 6.0 4.9 7.3

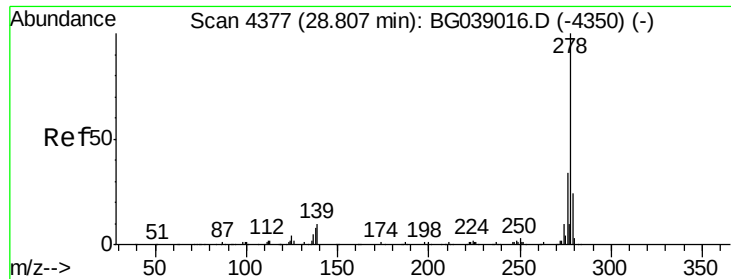


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

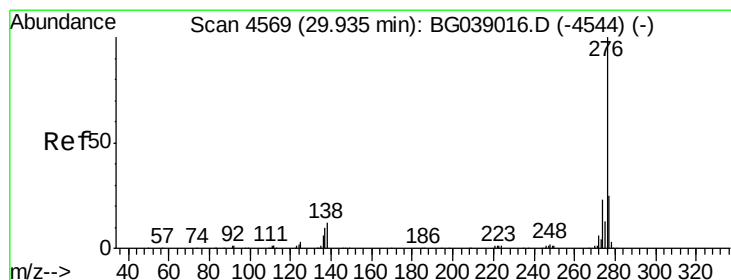
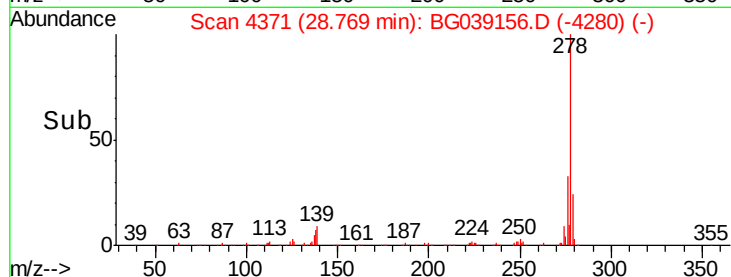
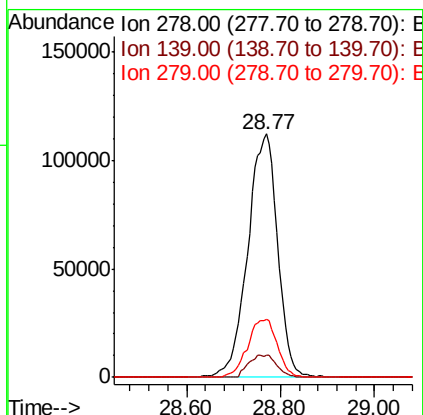
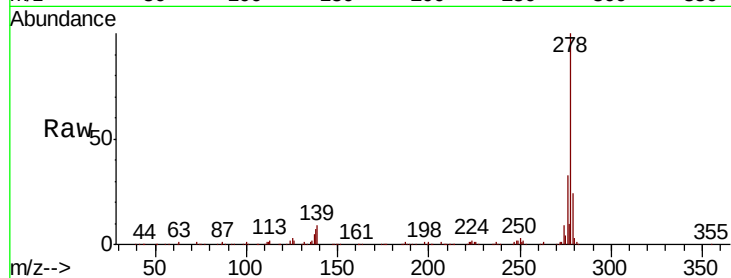




#91
Dibenzo(a,h)anthracene
Concen: 44.491 ng
RT: 28.77 min Scan# 4371
Delta R.T. 0.01 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.1	7.9	11.9
279	24.1	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 43.495 ng
RT: 29.89 min Scan# 4562
Delta R.T. -0.00 min
Lab File: BG039156.D
Acq: 16 Jan 2019 14:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.3	30.5
138	10.9	9.4	14.2

