

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039107.D
 Acq On : 12 Jan 2019 7:12
 Operator : JU/SJ
 Sample : K1011-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 14 10:01:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	26548	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	117943	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	98178	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	225071	20.00	ng	0.00
76) Chrysene-d12	21.69	240	196585	20.00	ng	-0.01
87) Perylene-d12	24.96	264	211432	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	218764	156.32	ng	0.00
7) Phenol-d6	7.19	99	309876	153.86	ng	0.00
23) Nitrobenzene-d5	9.20	82	199247	92.44	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	200463	121.81	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	552207	76.98	ng	0.00
79) Terphenyl-d14	20.02	244	924265	86.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	21218	38.716	ng	# 28
3) Pyridine	3.87	79	65000	43.649	ng	# 87
4) n-Nitrosodimethylamine	3.79	42	36011	53.739	ng	87
6) Aniline	7.35	93	49461	20.449	ng	99
8) 2-Chlorophenol	7.59	128	88259	53.500	ng	98
9) Benzaldehyde	7.17	77	30313	26.098	ng	96
10) Phenol	7.21	94	105228	52.113	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	73435	47.584	ng	98
12) 1,3-Dichlorobenzene	7.91	146	81515	41.241	ng	97
13) 1,4-Dichlorobenzene	8.06	146	82630	41.278	ng	98
14) 1,2-Dichlorobenzene	8.38	146	81299	42.596	ng	97
15) Benzyl Alcohol	8.27	79	78283	51.613	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	129532	43.772	ng	99
17) 2-Methylphenol	8.47	107	76410	54.497	ng	98
18) Hexachloroethane	9.10	117	29303	43.088	ng	98
19) n-Nitroso-di-n-propylamine	8.83	70	64963	49.119	ng	91
20) 3+4-Methylphenols	8.80	107	105258	52.654	ng	98
22) Acetophenone	8.86	105	130975	42.523	ng	# 94
24) Nitrobenzene	9.25	77	99888	45.849	ng	99
25) Isophorone	9.76	82	203114	54.706	ng	97
26) 2-Nitrophenol	9.96	139	55612	47.193	ng	99
27) 2,4-Dimethylphenol	10.00	122	93182	56.206	ng	92
28) bis(2-Chloroethoxy)methane	10.24	93	117533	52.672	ng	99
29) 2,4-Dichlorophenol	10.49	162	110728	53.762	ng	97
30) 1,2,4-Trichlorobenzene	10.70	180	102653	41.481	ng	99
31) Naphthalene	10.89	128	275707	46.609	ng	98
32) Benzoic acid	10.16	122	31414	34.192	ng	92
33) 4-Chloroaniline	11.02	127	13226	4.997	ng	# 91
34) Hexachlorobutadiene	11.15	225	63551	37.322	ng	90
35) Caprolactam	11.80	113	21143	25.600	ng	92
36) 4-Chloro-3-methylphenol	12.13	107	117675	53.419	ng	96
37) 2-Methylnaphthalene	12.50	142	219086	49.400	ng	100
38) 1-Methylnaphthalene	12.71	142	210667	49.489	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	136842	37.113	ng	99

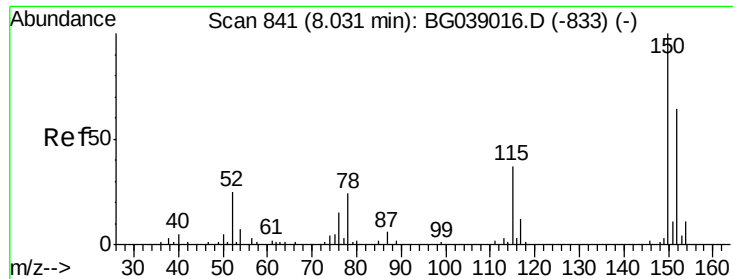
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039107.D
 Acq On : 12 Jan 2019 7:12
 Operator : JU/SJ
 Sample : K1011-02
 Misc :
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	131697	64.607	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	98413	42.408	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	107515	43.836	ng	99
46) 1,1'-Biphenyl	13.50	154	321769	41.362	ng	100
47) 2-Chloronaphthalene	13.55	162	254397	40.410	ng	100
48) 2-Nitroaniline	13.76	65	81117	45.994	ng	89
49) Acenaphthylene	14.39	152	415314	43.892	ng	99
50) Dimethylphthalate	14.12	163	346363	41.748	ng	99
51) 2,6-Dinitrotoluene	14.25	165	76387	41.182	ng	99
52) Acenaphthene	14.73	154	253774	44.638	ng	96
53) 3-Nitroaniline	14.59	138	13116	6.970	ng	97
54) 2,4-Dinitrophenol	14.80	184	53862	50.685	ng	94
55) Dibenzofuran	15.06	168	402712	40.108	ng	99
56) 4-Nitrophenol	14.90	139	94533	69.823	ng	95
57) 2,4-Dinitrotoluene	15.04	165	108009	40.587	ng	97
58) Fluorene	15.71	166	328667	43.487	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.29	232	99683	43.055	ng	98
60) Diethylphthalate	15.47	149	373803	43.730	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	187176	39.311	ng	97
62) 4-Nitroaniline	15.76	138	69623	35.518	ng	98
63) Azobenzene	15.99	77	278850	41.715	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	51297	30.764	ng	89
66) n-Nitrosodiphenylamine	15.92	169	309498	46.386	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	129743	44.844	ng	99
68) Hexachlorobenzene	16.71	284	136231	43.152	ng	98
69) Atrazine	16.86	200	134161	47.332	ng	95
70) Pentachlorophenol	17.07	266	117882	61.853	ng	97
71) Phenanthrene	17.46	178	564594	47.459	ng	99
72) Anthracene	17.55	178	562811	47.848	ng	99
73) Carbazole	17.82	167	475226	40.926	ng	98
74) Di-n-butylphthalate	18.35	149	555151	42.976	ng	99
75) Fluoranthene	19.47	202	600468	40.715	ng	99
77) Benzidine	19.65	184	59400	9.879	ng	96
78) Pyrene	19.83	202	601197	47.988	ng	99
80) Butylbenzylphthalate	20.70	149	228173	47.886	ng	98
81) Benzo(a)anthracene	21.67	228	578467	48.338	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	73770	15.129	ng	97
83) Chrysene	21.74	228	545526	47.930	ng	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	336717	50.893	ng	96
85) Di-n-octyl phthalate	22.75	149	588750	52.627	ng	99
86) Indeno(1,2,3-cd)pyrene	28.72	276	684825	50.354	ng	# 95
88) Benzo(b)fluoranthene	23.92	252	643811	55.223	ng	99
89) Benzo(k)fluoranthene	23.92	252	643811	55.853	ng	97
90) Benzo(a)pyrene	24.80	252	590945	52.441	ng	# 97
91) Dibenzo(a,h)anthracene	28.78	278	572991	51.121	ng	100
92) Benzo(g,h,i)perylene	29.90	276	550264	49.589	ng	# 96

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

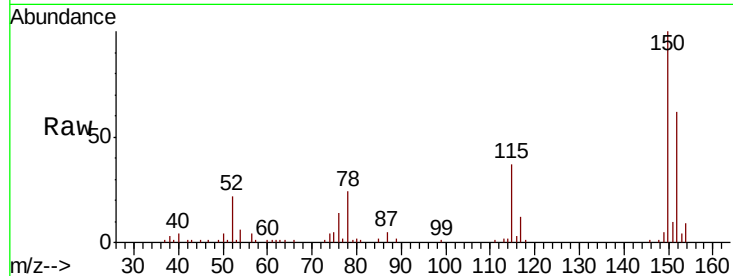


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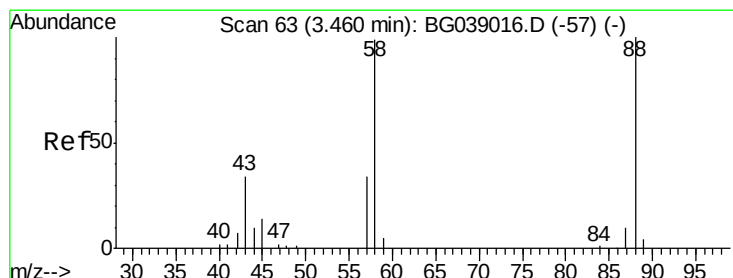
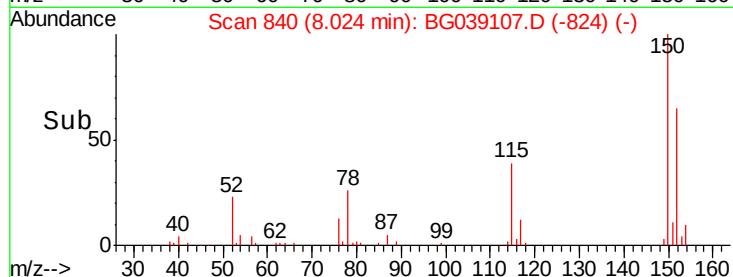
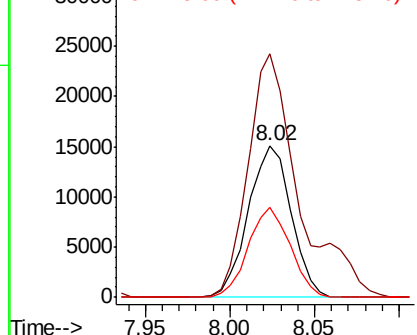
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 26548
Ion Ratio Lower Upper
152 100
150 160.8 124.7 187.1
115 59.5 46.5 69.7



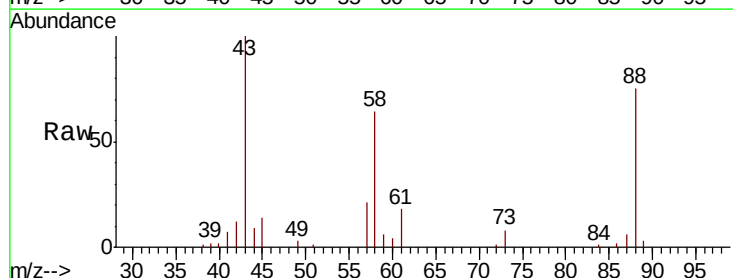
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



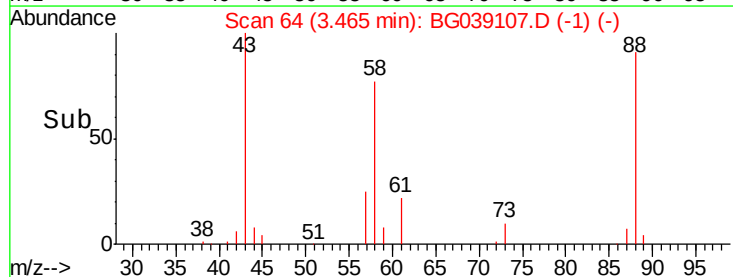
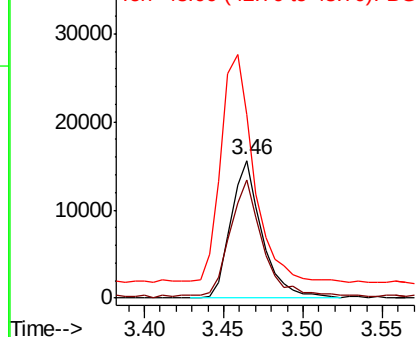
#2

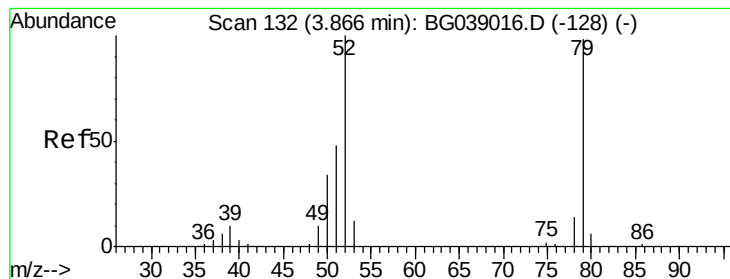
1,4-Dioxane
Concen: 38.716 ng
RT: 3.46 min Scan# 64
Delta R.T. 0.00 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion: 88 Resp: 21218
Ion Ratio Lower Upper
88 100
58 95.9 72.4 108.6
43 177.3 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: 43.649 ng

RT: 3.87 min Scan# 133

Delta R.T. 0.00 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

ClientSampleId :

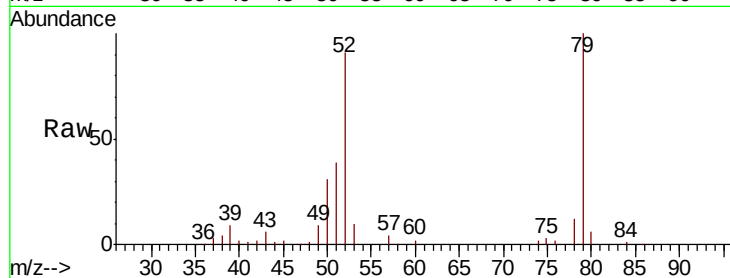
Tot Ion: 79 Resp: 65000

Ion Ratio Lower Upper

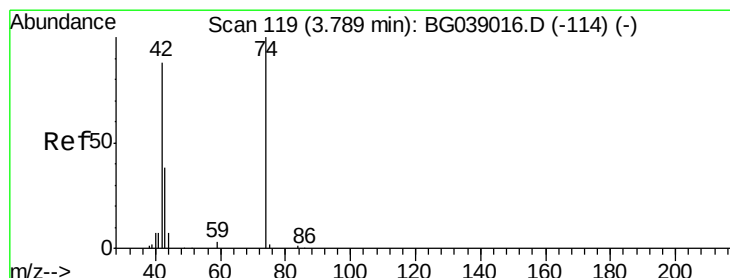
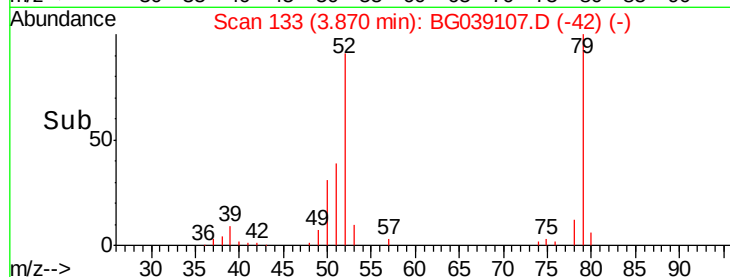
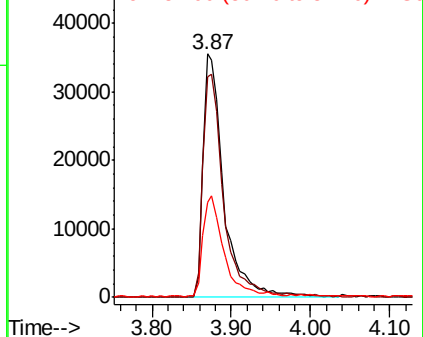
79 100

52 90.6 81.5 122.3

51 39.2 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: 53.739 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

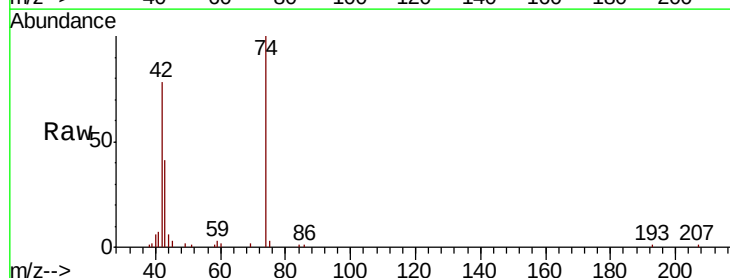
Tgt Ion: 42 Resp: 36011

Ion Ratio Lower Upper

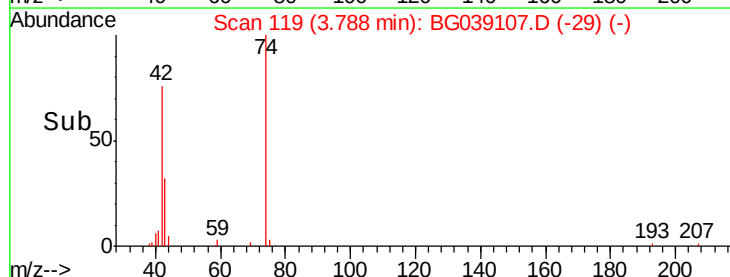
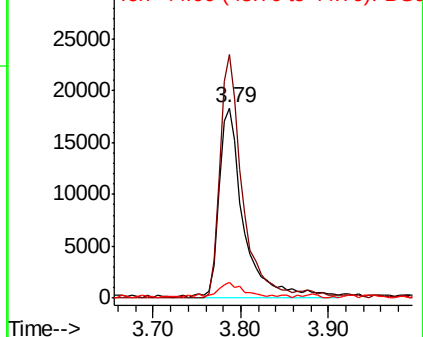
42 100

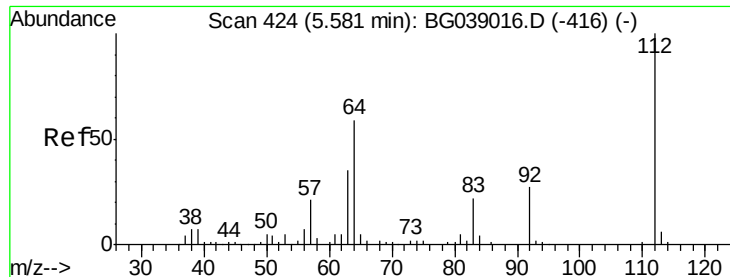
74 128.1 90.7 136.1

44 8.2 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: 156.317 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

ClientSampled :

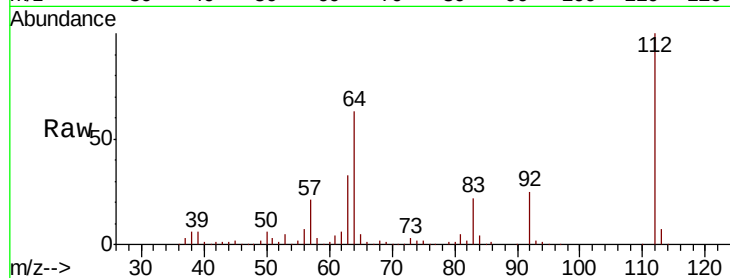
Tot Ion: 112 Resp: 218764

Ion Ratio Lower Upper

112 100

64 63.1 47.0 70.6

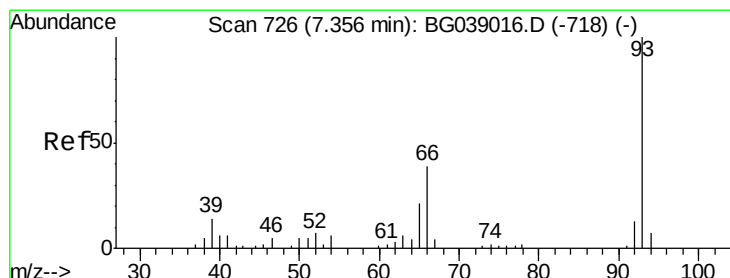
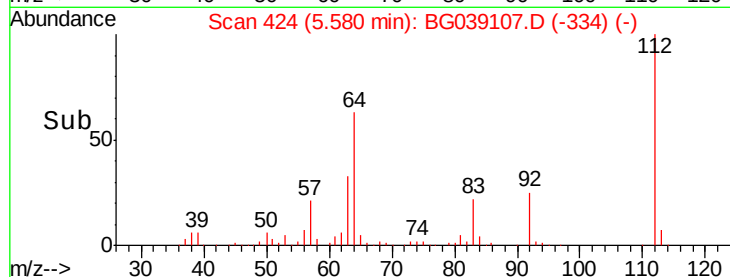
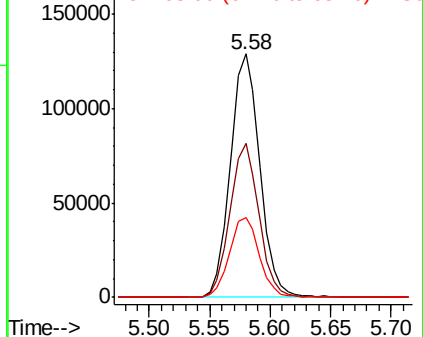
63 32.8 28.0 42.0



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: 20.449 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

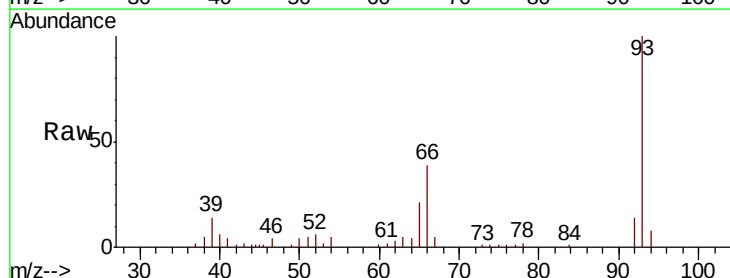
Tgt Ion: 93 Resp: 49461

Ion Ratio Lower Upper

93 100

66 39.4 30.9 46.3

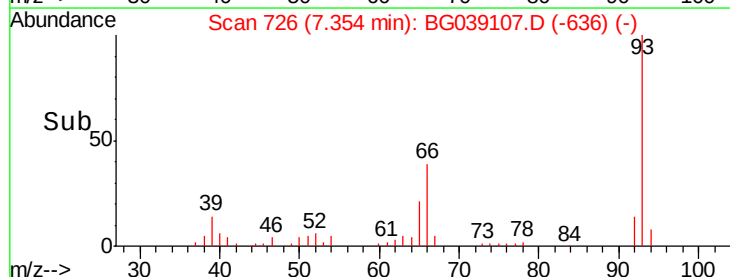
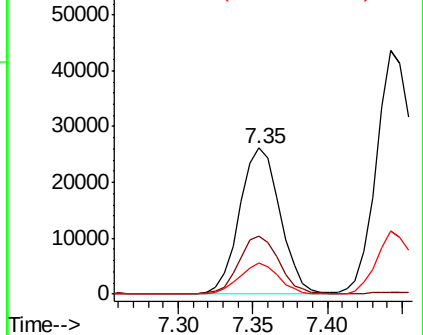
65 21.3 17.0 25.4

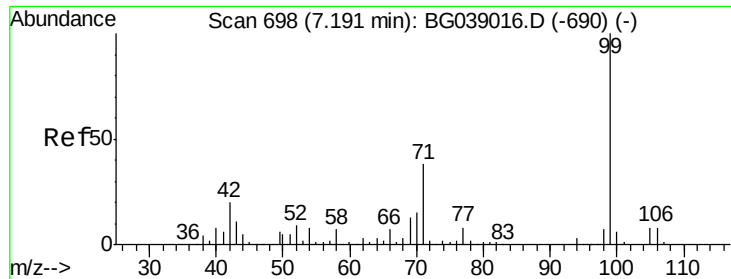


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 153.858 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

ClientSampled :

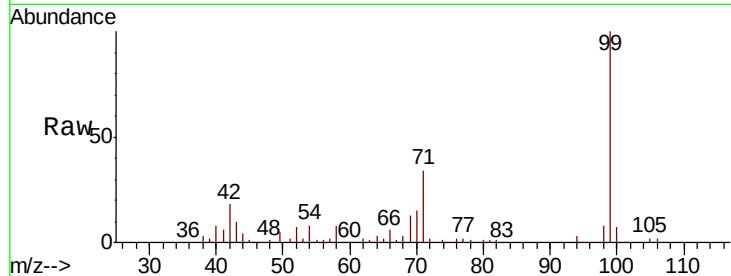
Tot Ion: 99 Resp: 309876

Ion Ratio Lower Upper

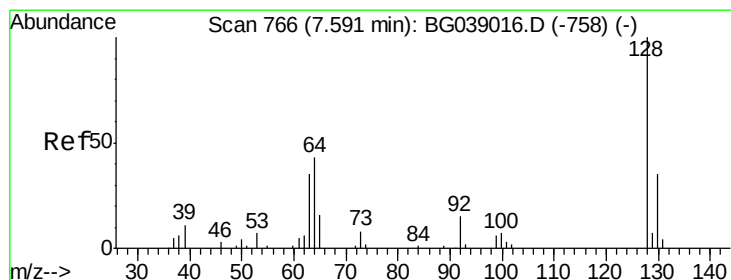
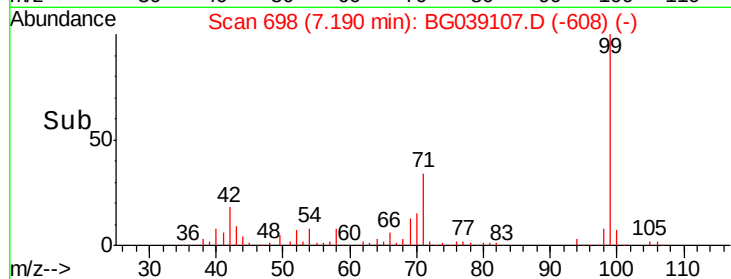
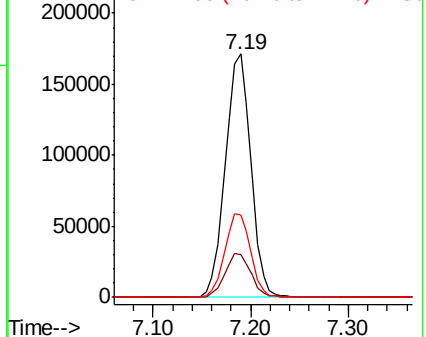
99 100

42 17.6 15.8 23.6

71 34.0 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: 53.500 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

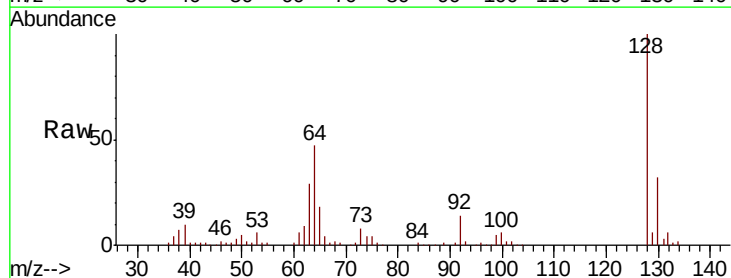
Tgt Ion:128 Resp: 88259

Ion Ratio Lower Upper

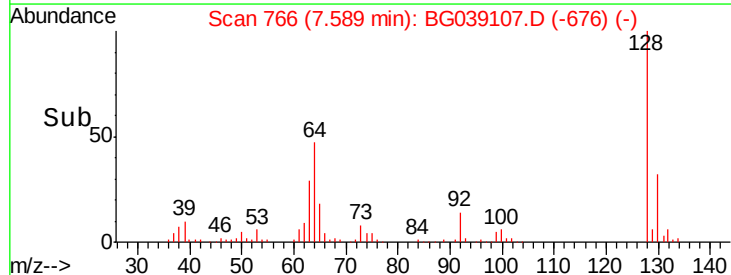
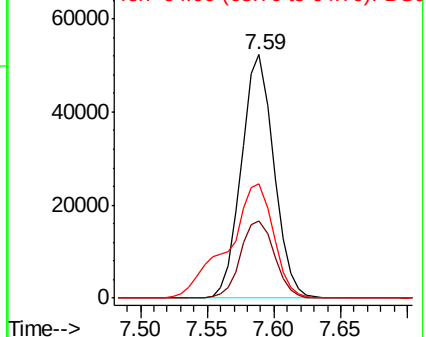
128 100

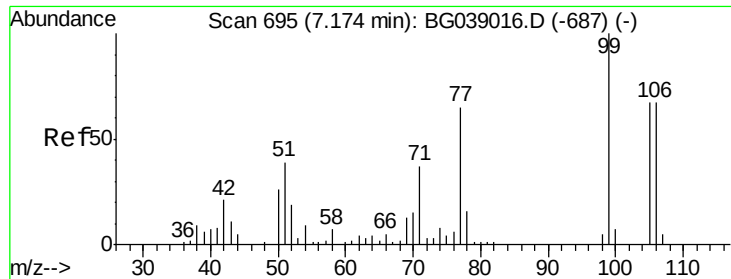
130 31.9 14.5 54.5

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: 26.098 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

ClientSampled :

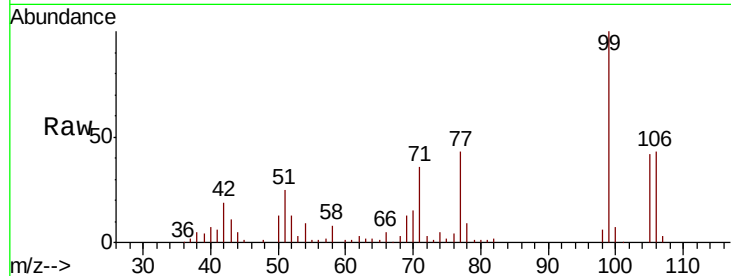
Tot Ion: 77 Resp: 30313

Ion Ratio Lower Upper

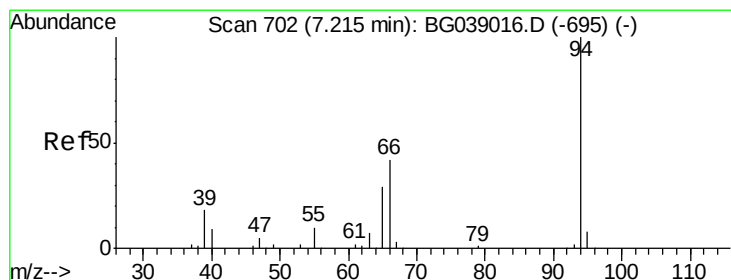
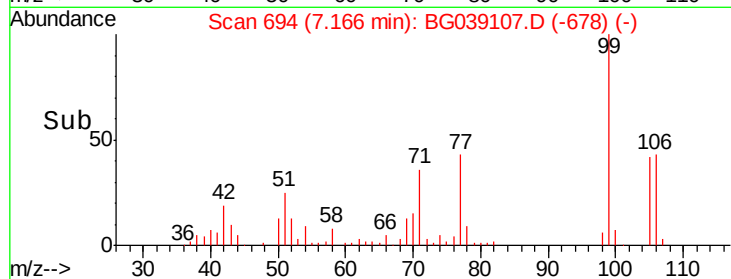
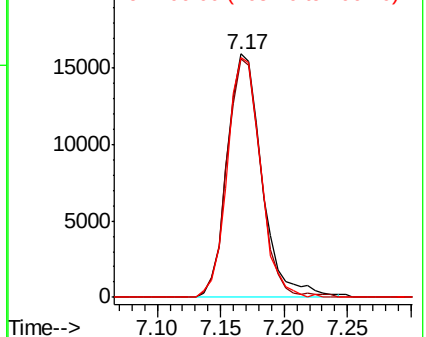
77 100

105 97.9 82.4 122.4

106 98.6 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: 52.113 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

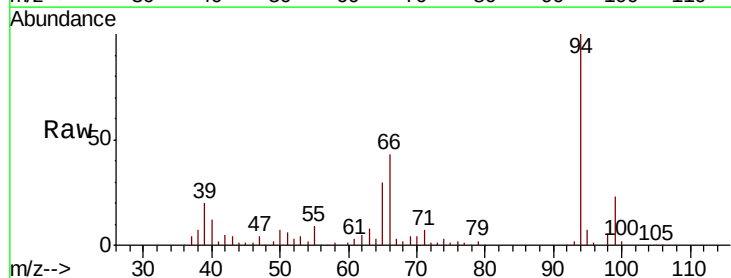
Tgt Ion: 94 Resp: 105228

Ion Ratio Lower Upper

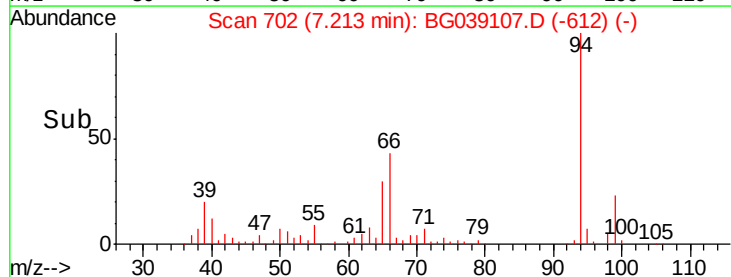
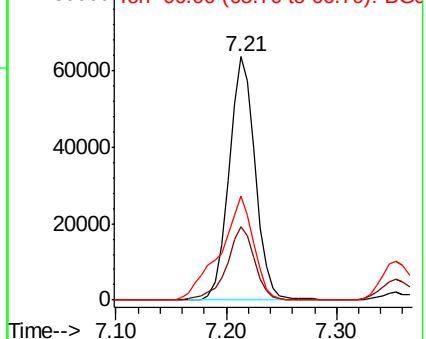
94 100

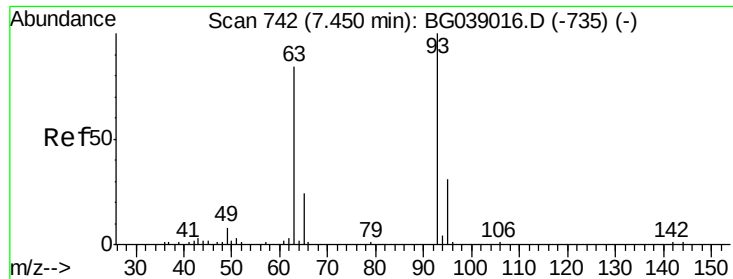
65 30.2 10.3 50.3

66 42.7 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: 47.584 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

ClientSampled :

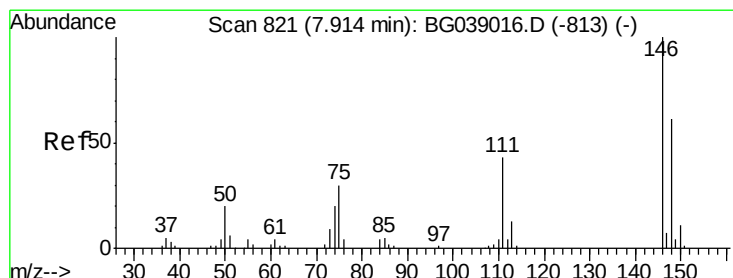
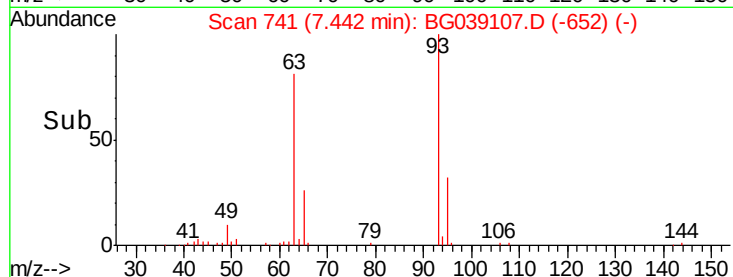
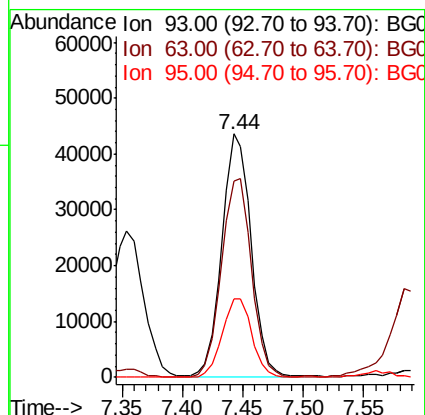
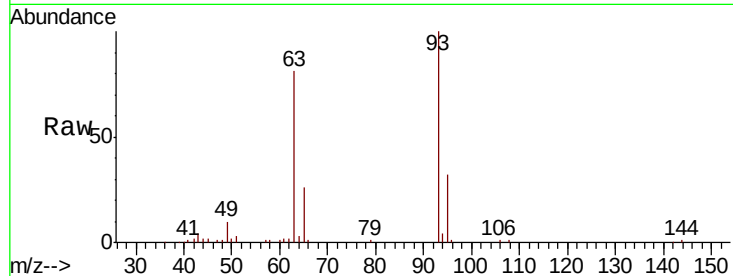
Tot Ion: 93 Resp: 73435

Ion Ratio Lower Upper

93 100

63 80.9 63.2 103.2

95 32.1 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 41.241 ng

RT: 7.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

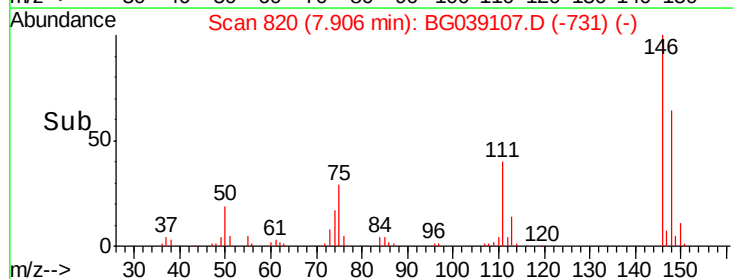
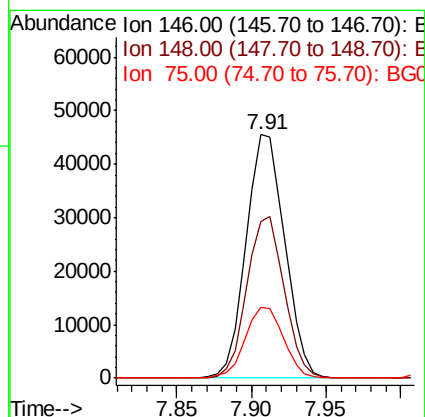
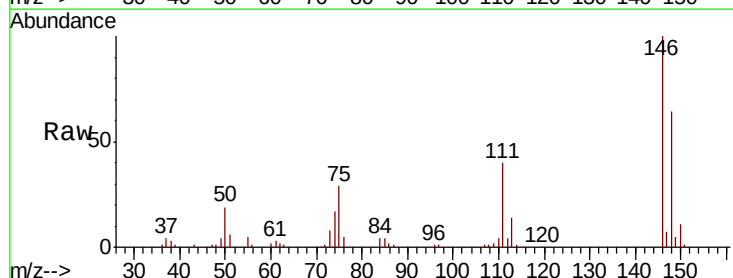
Tgt Ion: 146 Resp: 81515

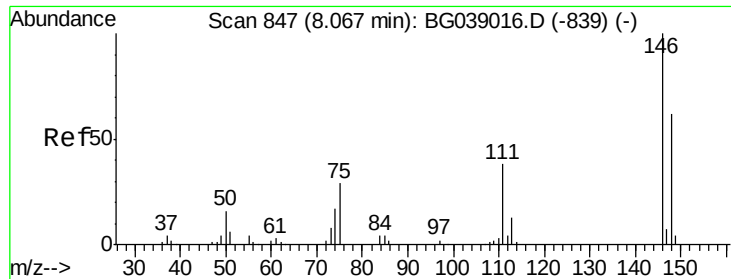
Ion Ratio Lower Upper

146 100

148 64.1 49.1 73.7

75 29.3 23.9 35.9

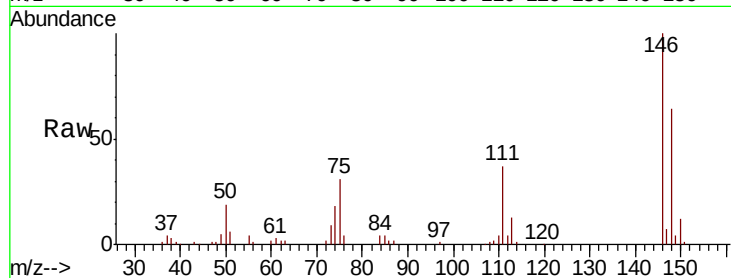




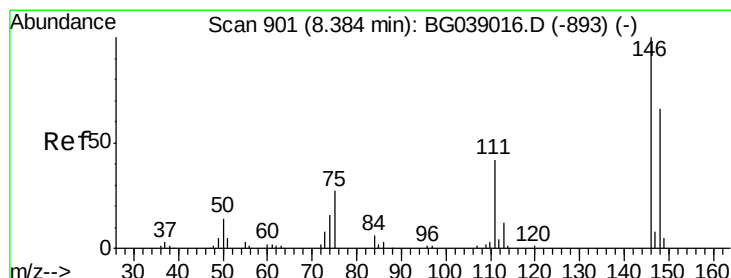
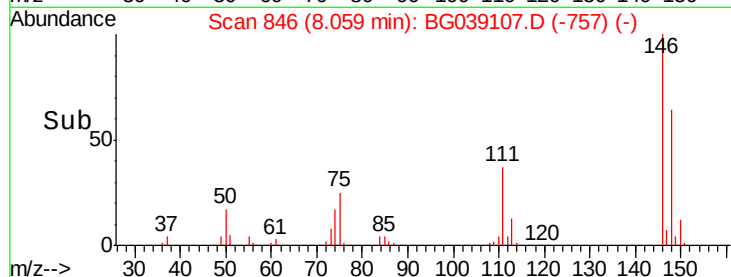
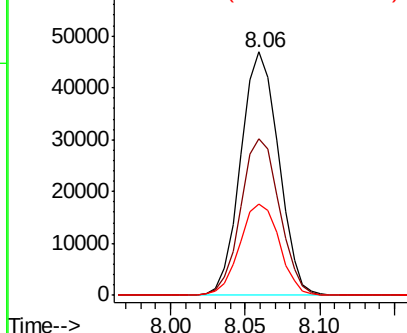
#13
 1,4-Dichlorobenzene
 Concen: 41.278 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 82630
 Ion Ratio Lower Upper
 146 100
 148 64.4 49.8 74.6
 111 37.4 30.6 45.8

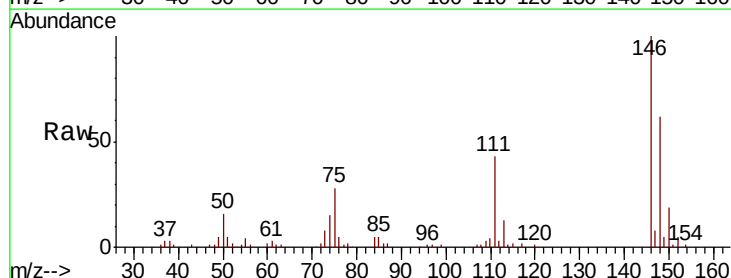


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

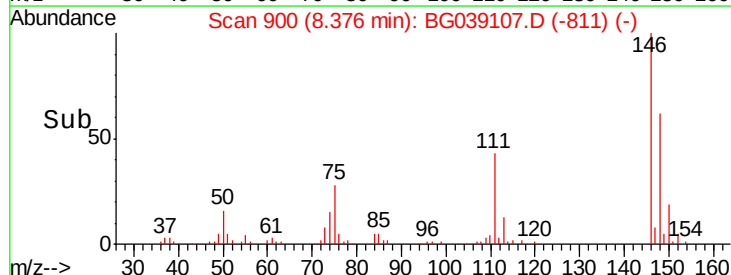
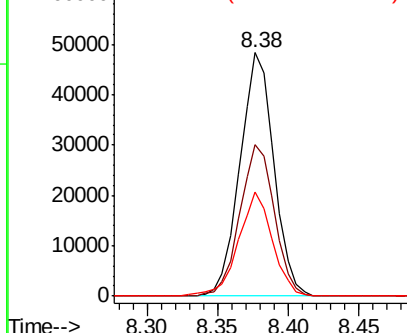


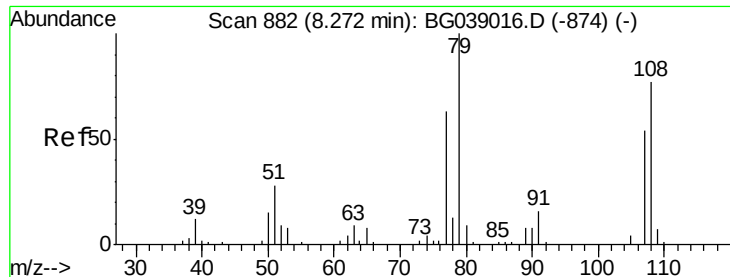
#14
 1,2-Dichlorobenzene
 Concen: 42.596 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Tgt Ion:146 Resp: 81299
 Ion Ratio Lower Upper
 146 100
 148 62.1 52.6 79.0
 111 42.8 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: 51.613 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

ClientSampleId :

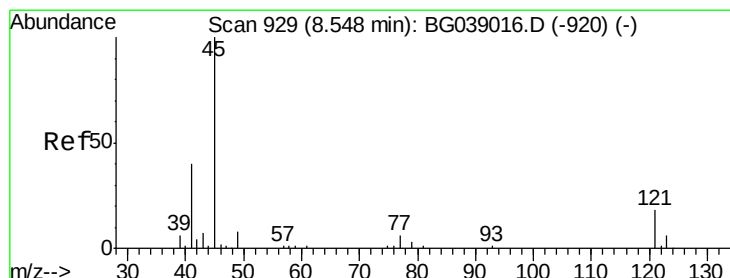
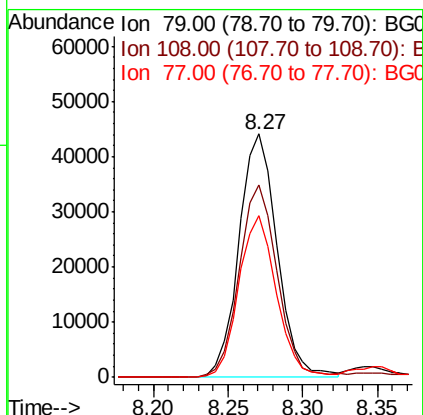
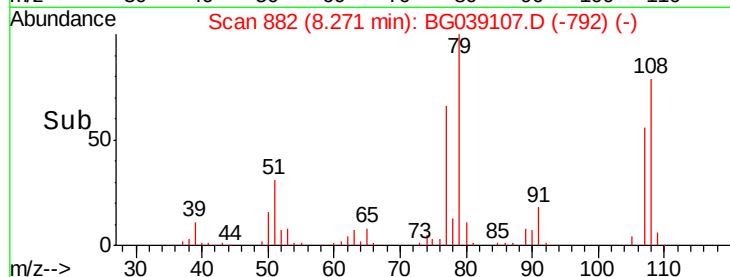
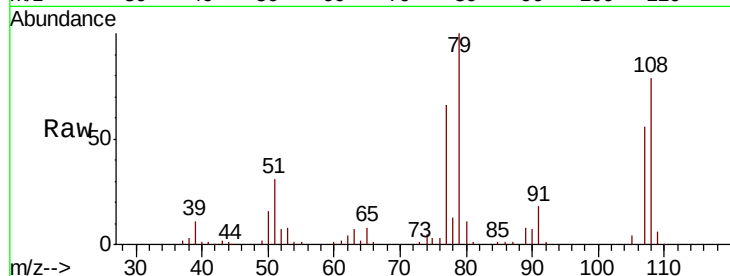
Tot Ion: 79 Resp: 78283

Ion Ratio Lower Upper

79 100

108 79.2 62.0 93.0

77 66.3 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.772 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

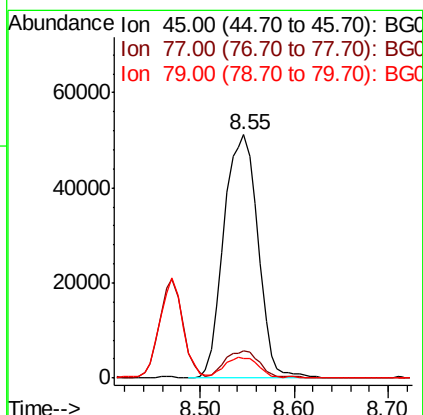
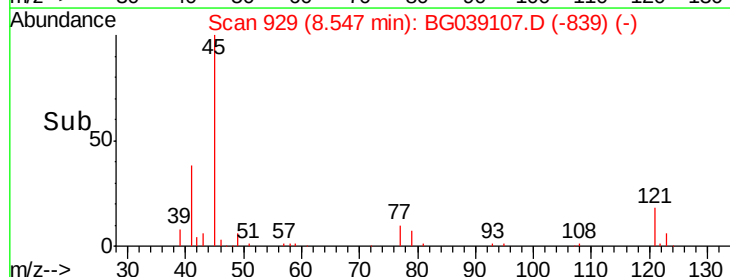
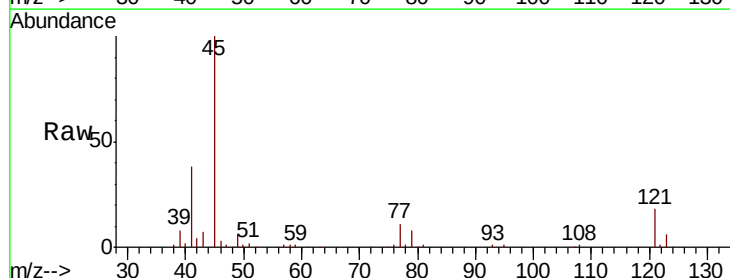
Tgt Ion: 45 Resp: 129532

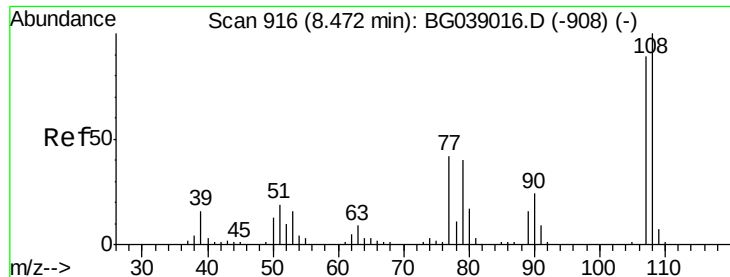
Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.7

79 8.2 0.0 28.5

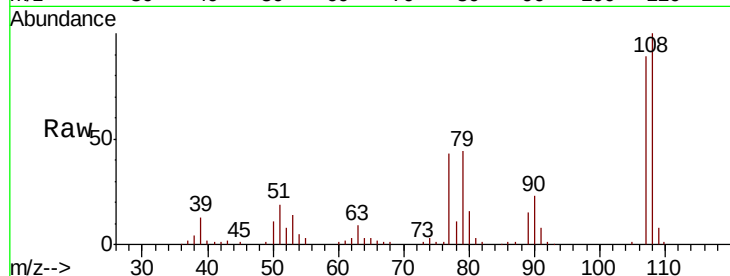




#17
2-Methylphenol
Concen: 54.497 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.3	135.5
77	48.0	38.3	57.5
79	48.7	35.8	53.6



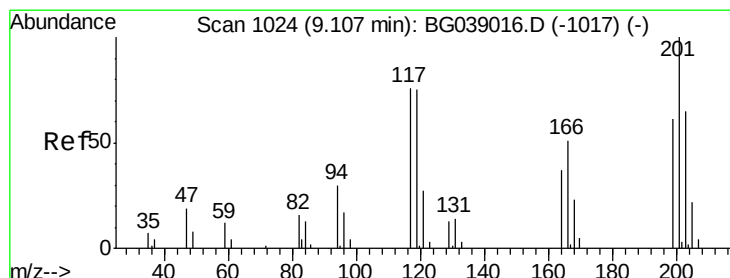
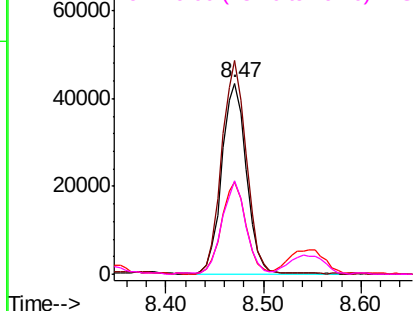
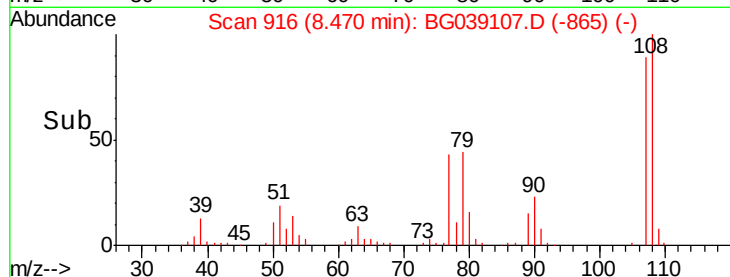
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

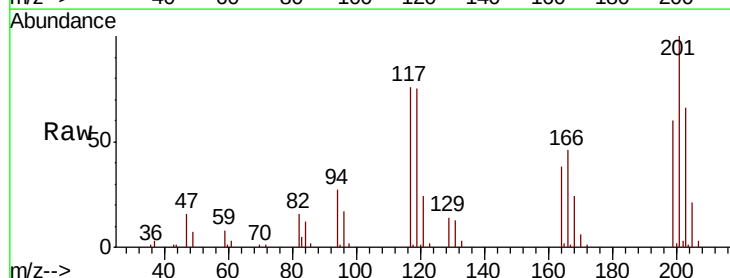
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 43.088 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	78.7	118.1
201	131.2	108.1	162.1

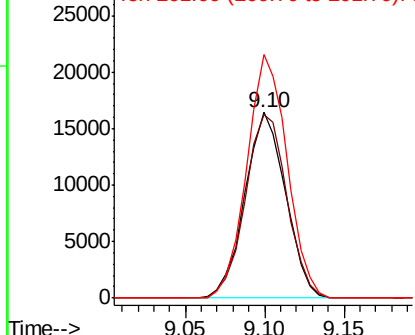
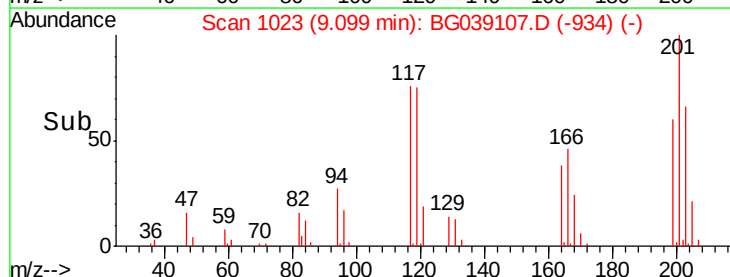


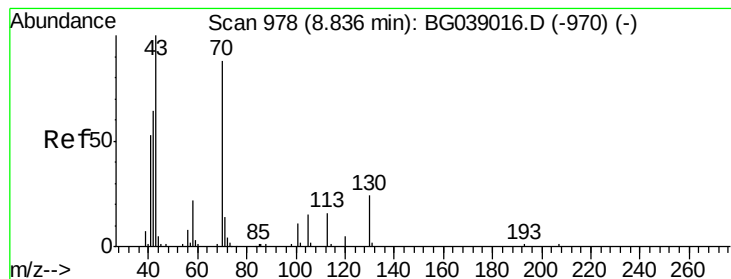
Abundance

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: 49.119 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

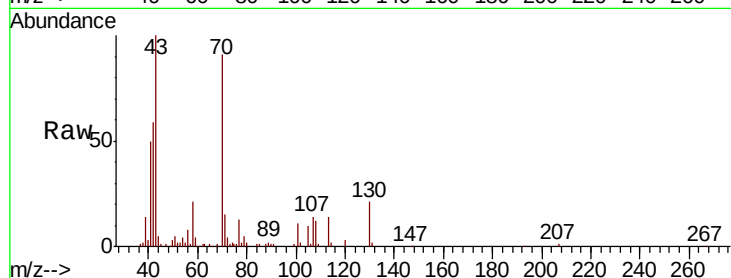
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 64963

Ion	Ratio	Lower	Upper
70	100		
42	64.5	59.0	88.4
101	12.1	10.4	15.6
130	22.7	21.6	32.4

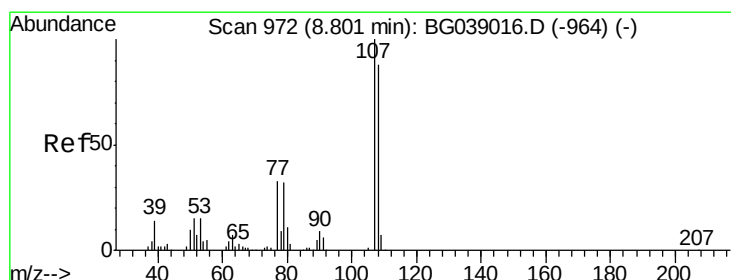
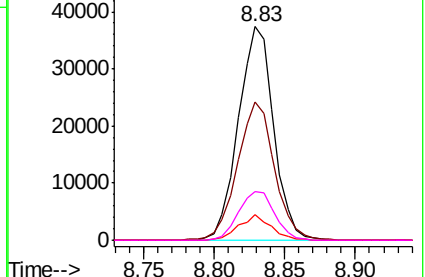
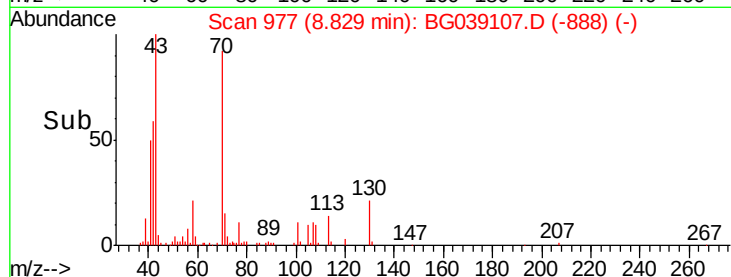


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 52.654 ng

RT: 8.80 min Scan# 972

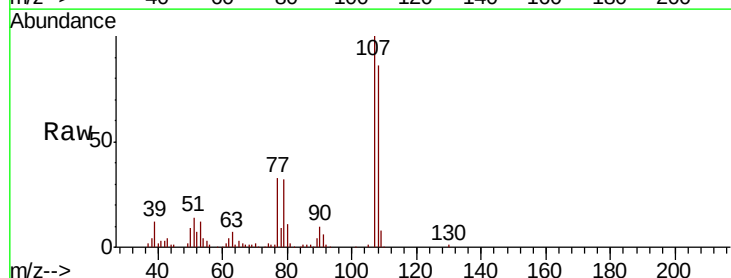
Delta R.T. -0.00 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Tgt Ion: 107 Resp: 105258

Ion	Ratio	Lower	Upper
107	100		
108	86.2	68.4	108.4
77	32.6	13.3	53.3
79	31.8	11.6	51.6

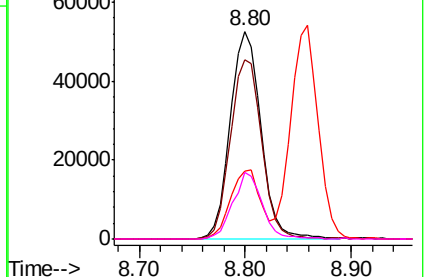
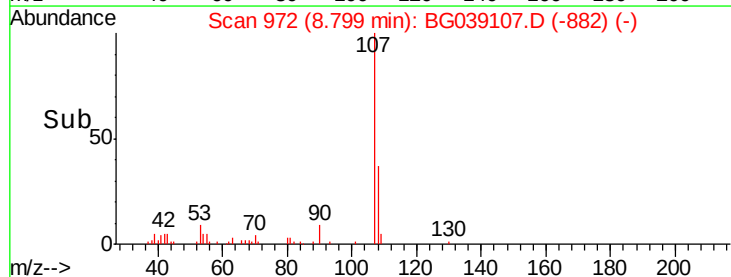


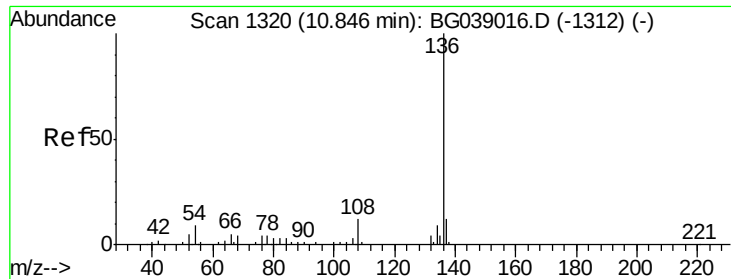
Abundance Ion 107.00 (106.70 to 107.70): BGC

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

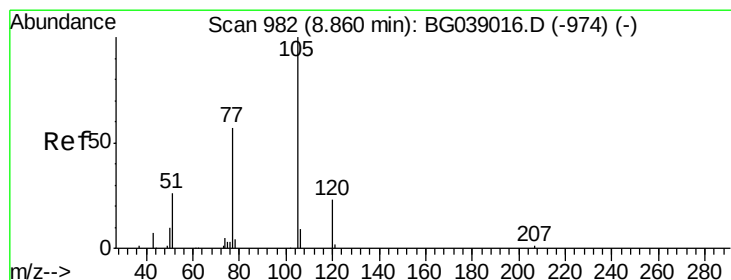
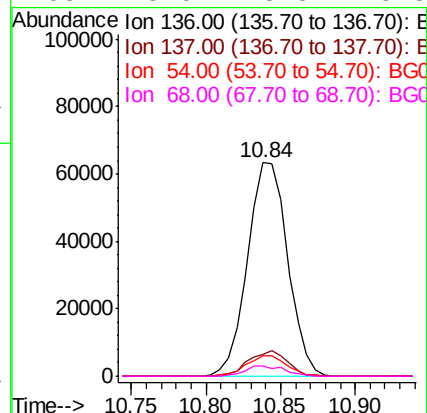
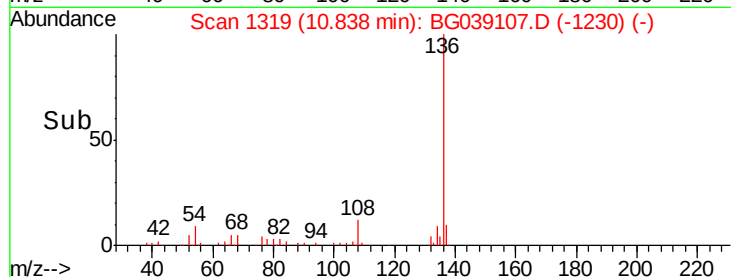
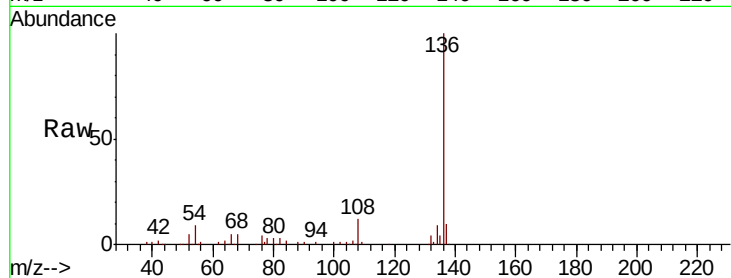




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

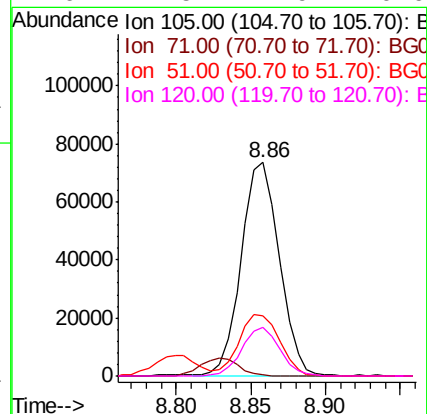
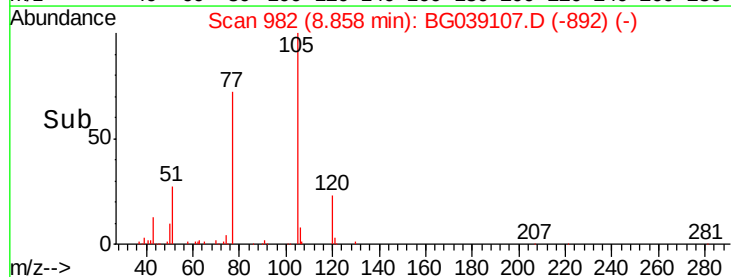
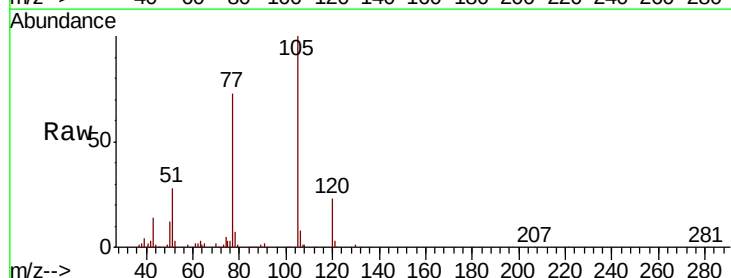
Instrument :
BNA_G
ClientSampleId :

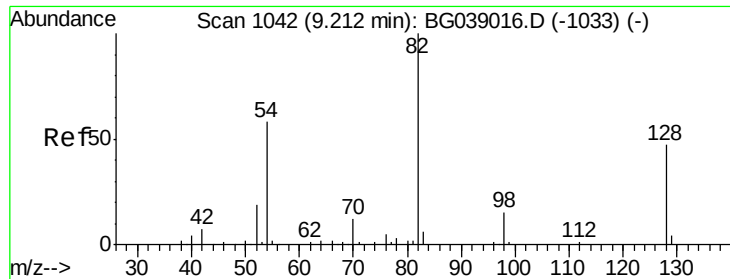
Tot Ion:136	Resp:	117943
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.4 14.2
54	9.4	7.2 10.8
68	5.0	3.5 5.3



#22
Acetophenone
Concen: 42.523 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion:105	Resp:	130975
Ion Ratio	Lower	Upper
105	100	
71	0.4	0.6 1.0#
51	27.9	26.6 39.8
120	22.5	17.9 26.9

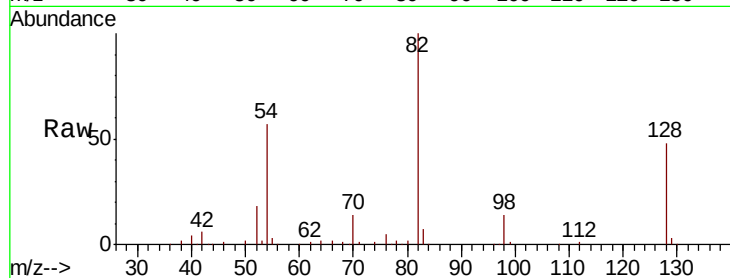




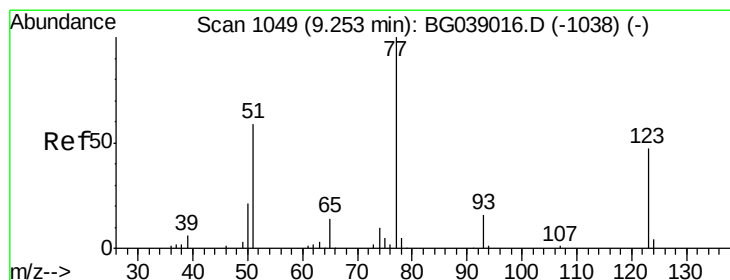
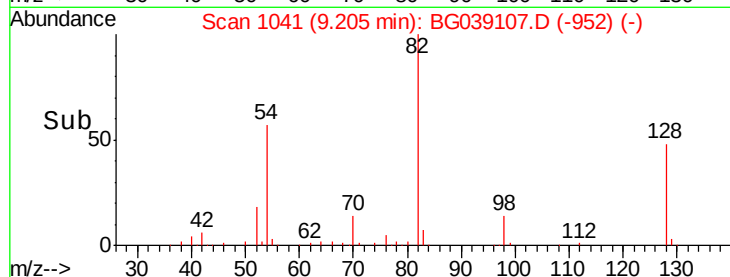
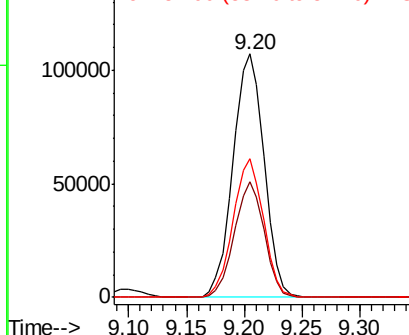
#23
 Nitrobenzene-d5
 Concen: 92.440 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	82	Resp	199247
Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.3	55.9
54	57.1	46.4	69.6

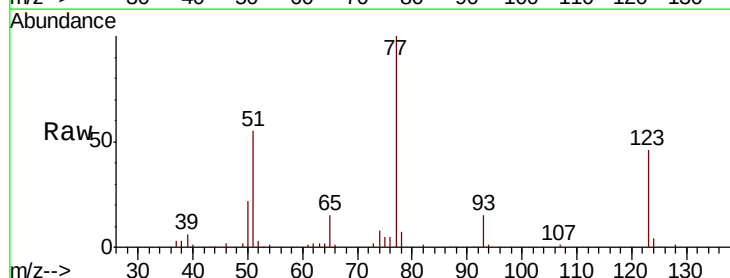


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

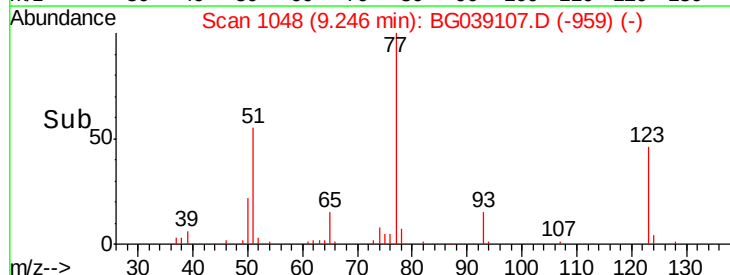
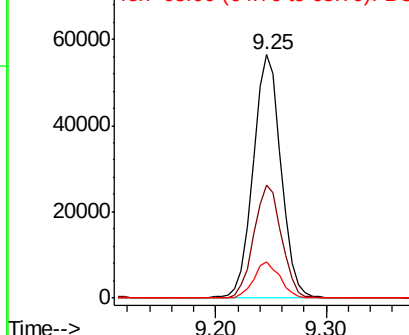


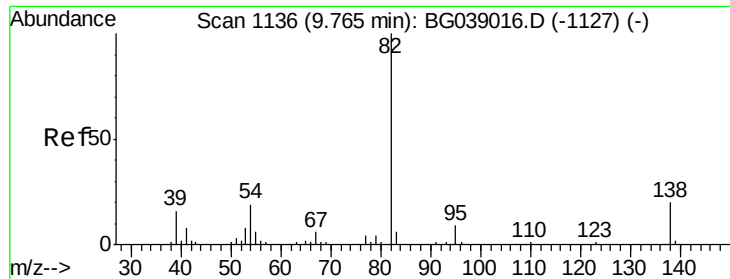
#24
 Nitrobenzene
 Concen: 45.849 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Tgt Ion	77	Resp	99888
Ion	Ratio	Lower	Upper
77	100		
123	46.5	37.6	56.4
65	15.1	11.0	16.6



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





#25

Isophorone

Concen: 54.706 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

ClientSampled :

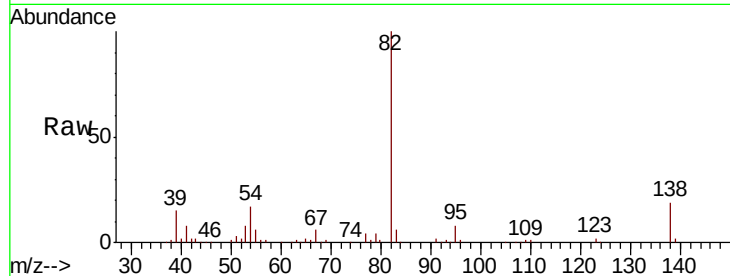
Tot Ion: 82 Resp: 203114

Ion Ratio Lower Upper

82 100

95 8.1 7.0 10.6

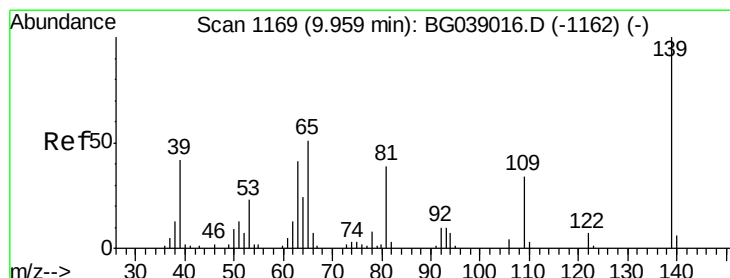
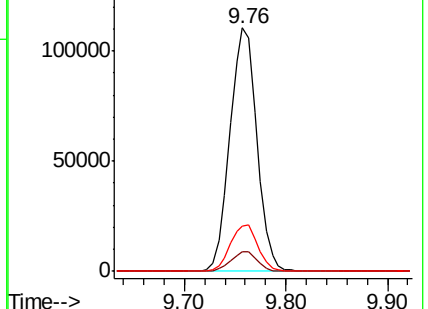
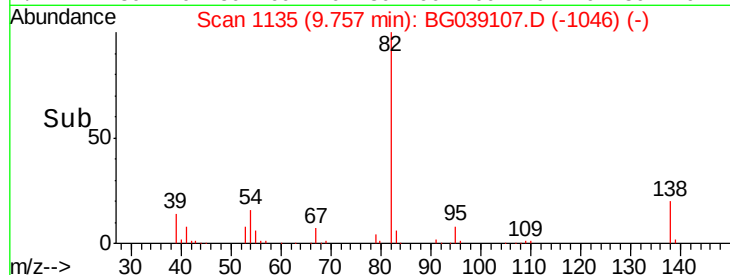
138 18.8 16.2 24.4



Abundance Ion 82.00 (81.70 to 82.70): BG039107.D (-1046) (-)

Ion 95.00 (94.70 to 95.70): BG039107.D (-1046) (-)

Ion 138.00 (137.70 to 138.70): BG039107.D (-1046) (-)



#26

2-Nitrophenol

Concen: 47.193 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

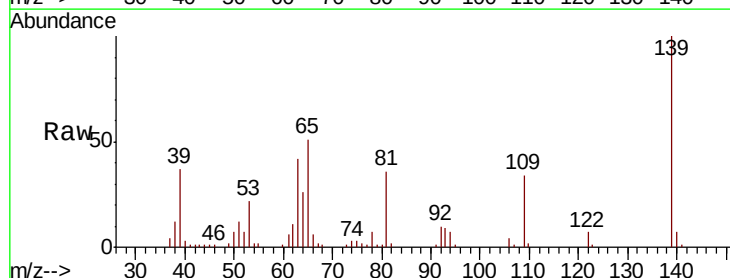
Tgt Ion: 139 Resp: 55612

Ion Ratio Lower Upper

139 100

109 33.6 27.3 40.9

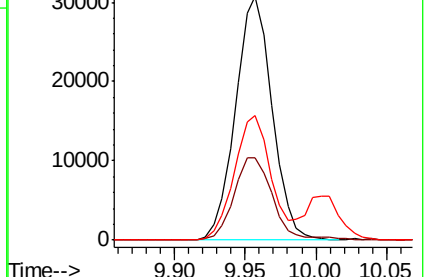
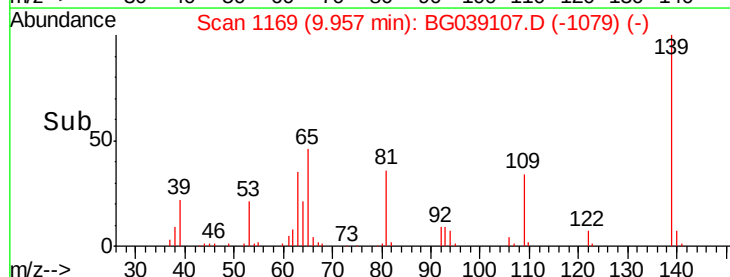
65 51.1 40.6 61.0

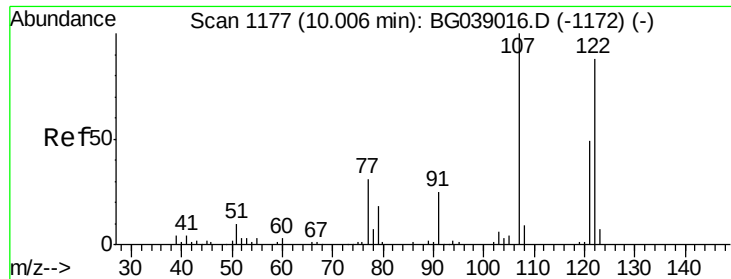


Abundance Ion 139.00 (138.70 to 139.70): BG039107.D (-1079) (-)

Ion 109.00 (108.70 to 109.70): BG039107.D (-1079) (-)

Ion 65.00 (64.70 to 65.70): BG039107.D (-1079) (-)

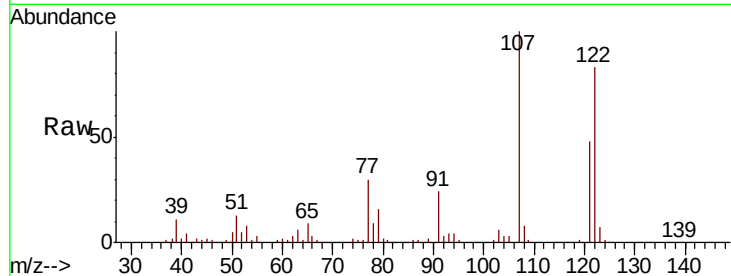




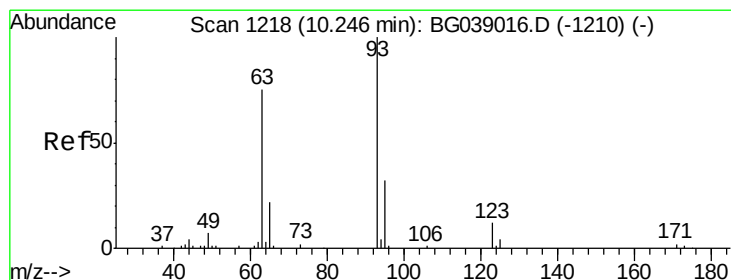
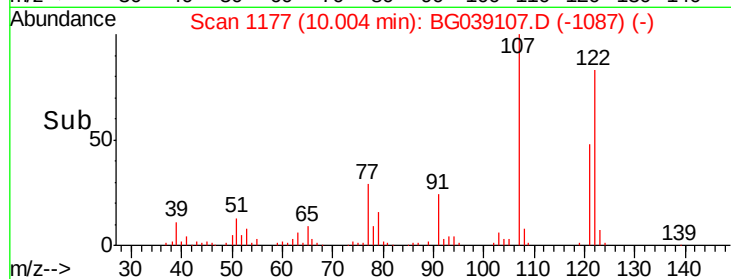
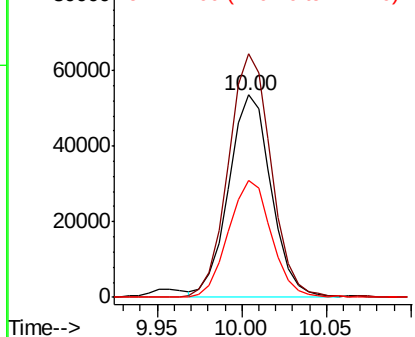
#27
2,4-Dimethylphenol
Concen: 56.206 ng
RT: 10.00 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 93182
Ion Ratio Lower Upper
122 100
107 120.4 88.8 133.2
121 57.9 43.1 64.7

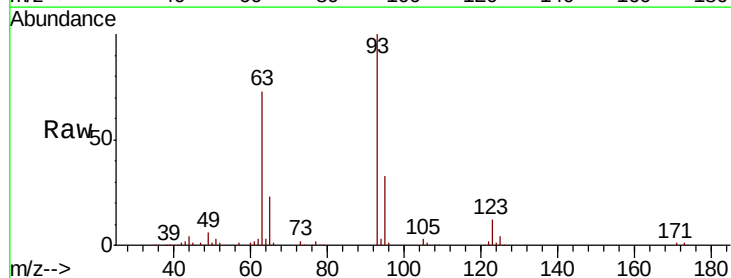


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

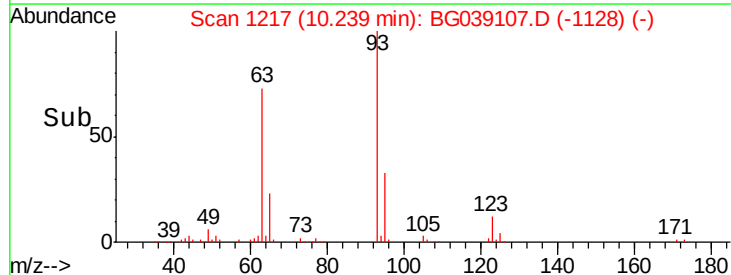
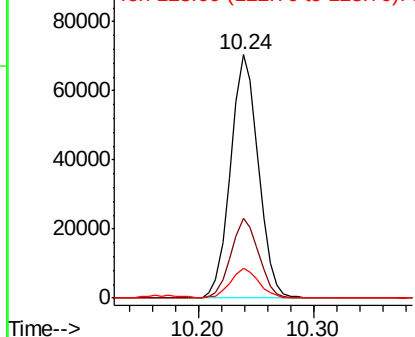


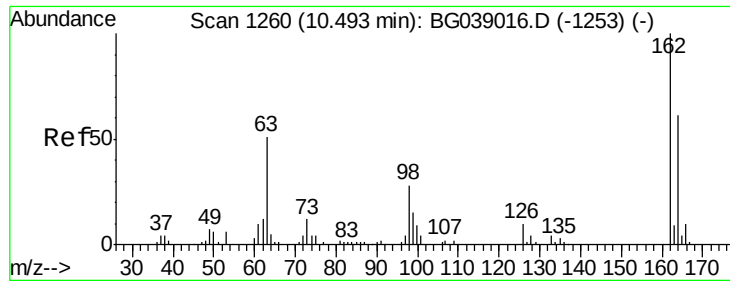
#28
bis(2-Chloroethoxy)methane
Concen: 52.672 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion: 93 Resp: 117533
Ion Ratio Lower Upper
93 100
95 32.8 25.6 38.4
123 12.2 10.1 15.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

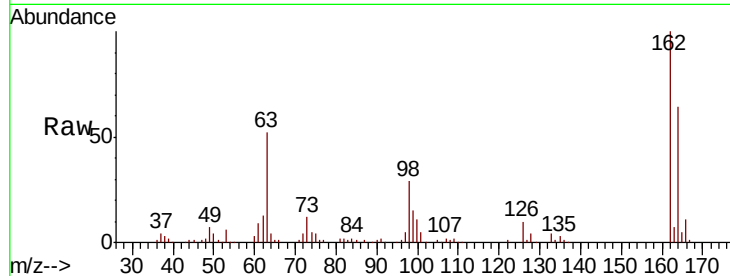




#29
 2,4-Dichlorophenol
 Concen: 53.762 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	41.3	81.3
98	28.9	8.3	48.3

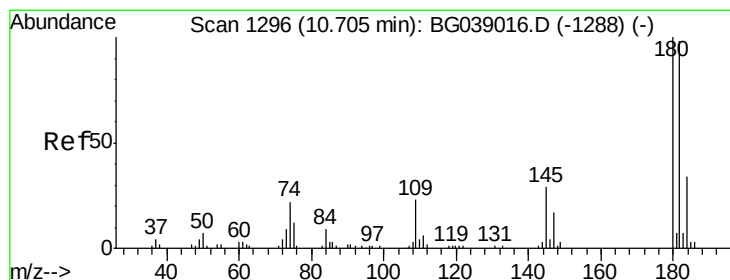
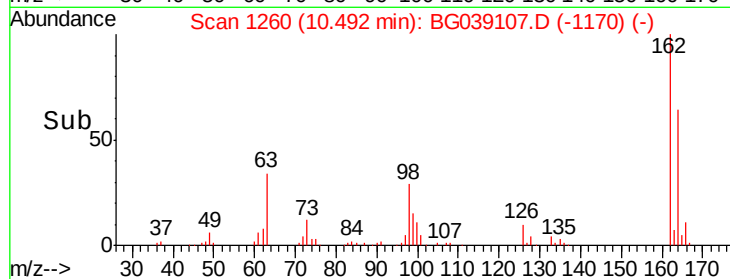
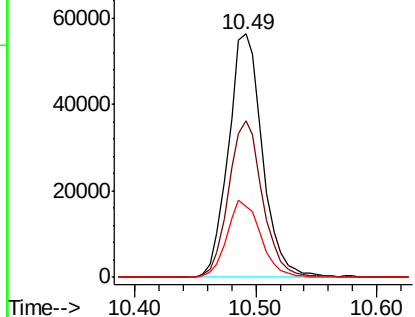


Abundance

Ion 162.00 (161.70 to 162.70): E

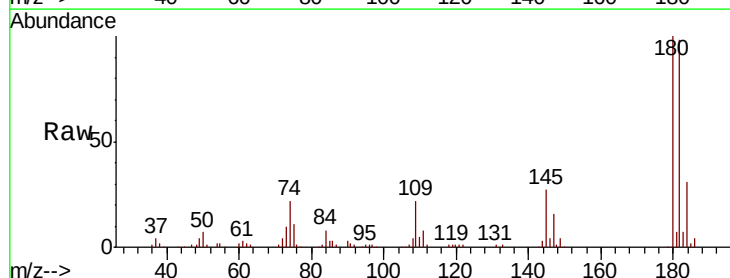
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 41.481 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	78.1	117.1
145	27.3	23.1	34.7

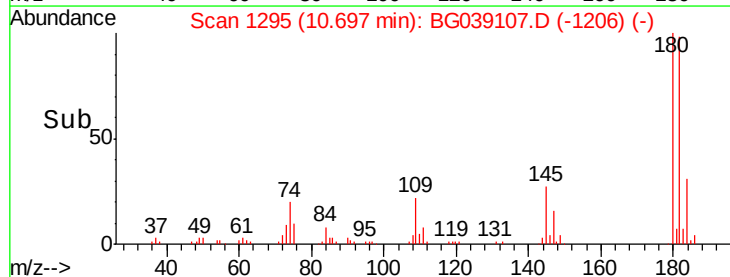
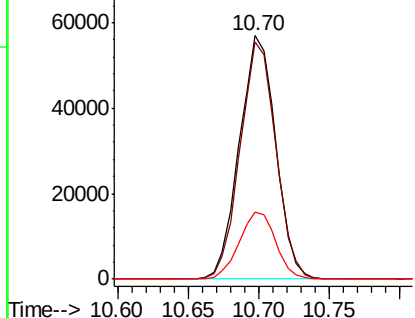


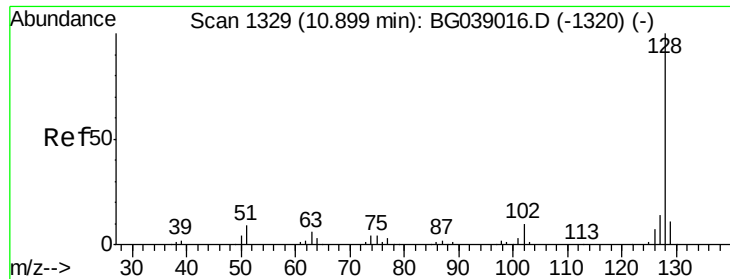
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

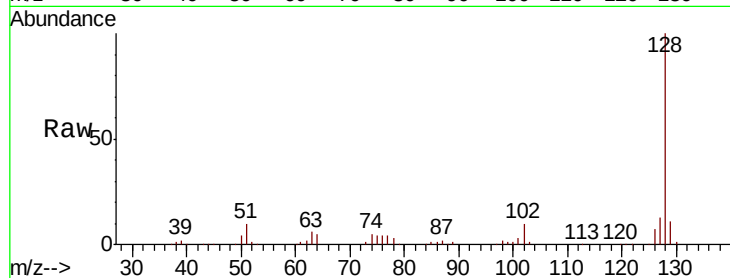




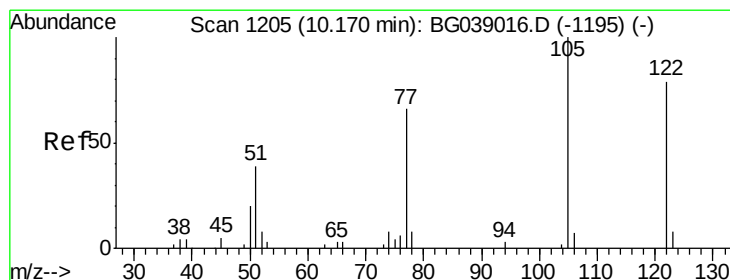
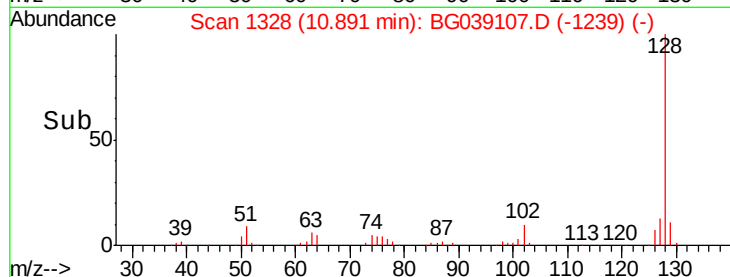
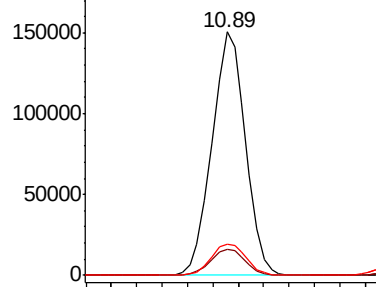
#31
Naphthalene
Concen: 46.609 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 275707
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 12.8 11.2 16.8

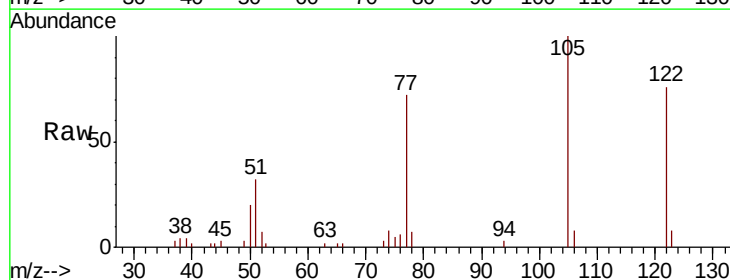


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

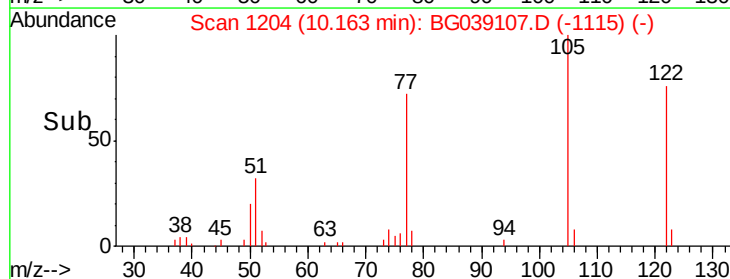
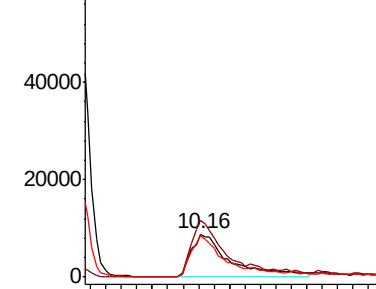


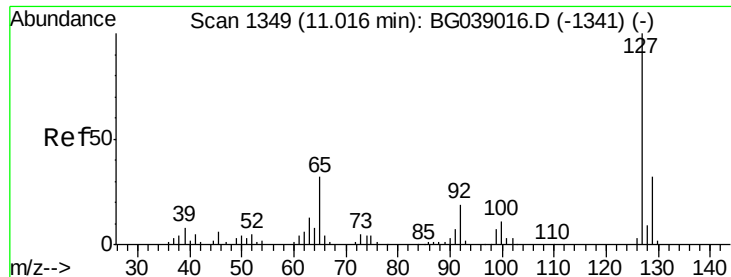
#32
Benzoic acid
Concen: 34.192 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion:122 Resp: 31414
Ion Ratio Lower Upper
122 100
105 131.9 106.4 146.4
77 94.5 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

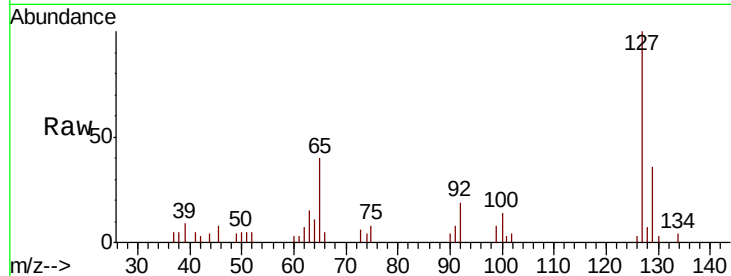




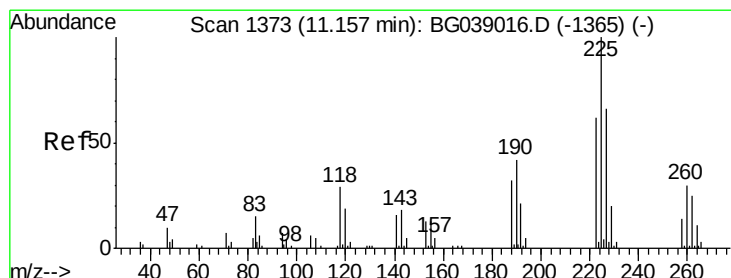
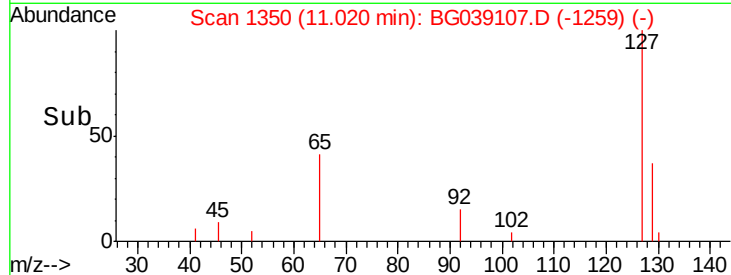
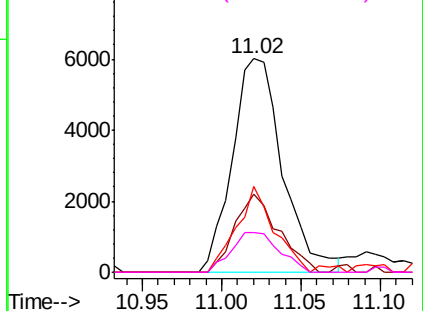
#33
4-Chloroaniline
Concen: 4.997 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	13226
Ion	Ratio	Lower	Upper
127	100		
129	36.5	25.4	38.0
65	40.0	25.4	38.0
92	18.6	15.2	22.8

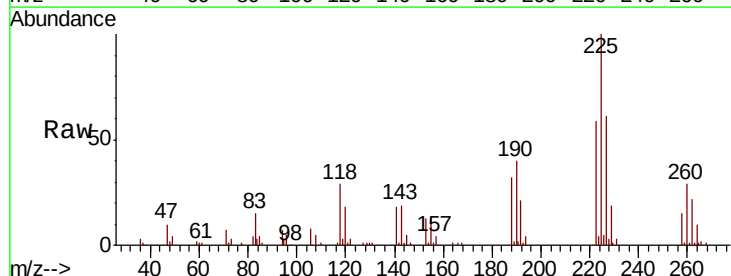


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

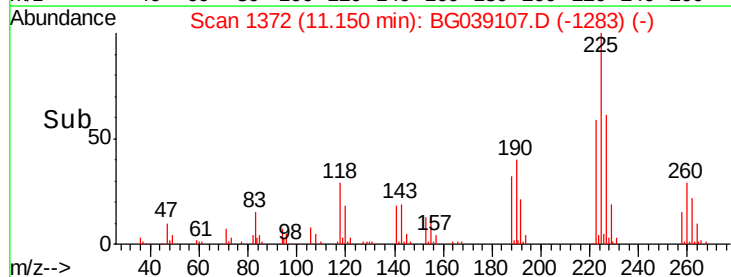
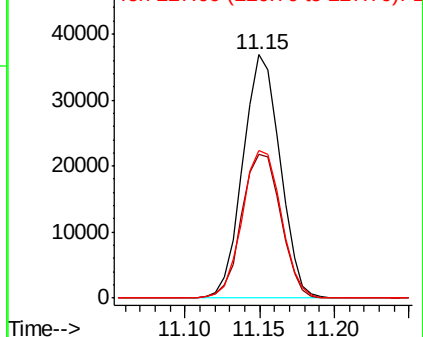


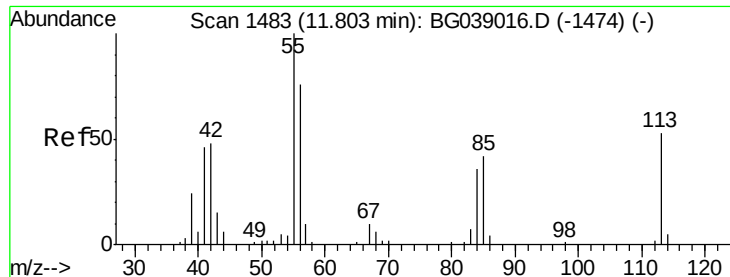
#34
Hexachlorobutadiene
Concen: 37.322 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion:	225	Resp:	63551
Ion	Ratio	Lower	Upper
225	100		
223	56.1	50.2	75.4
227	57.7	53.2	79.8



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

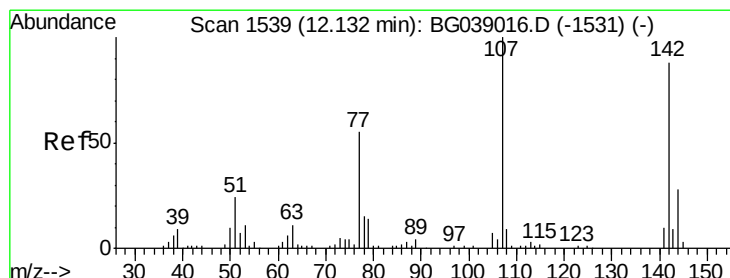
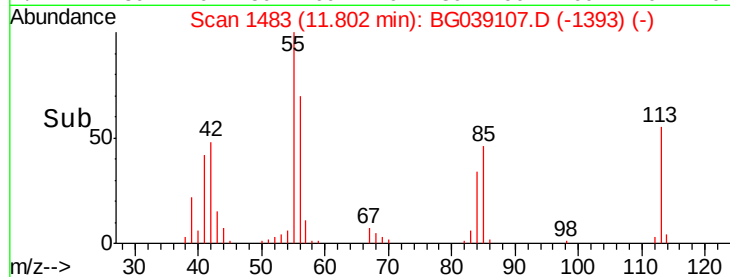
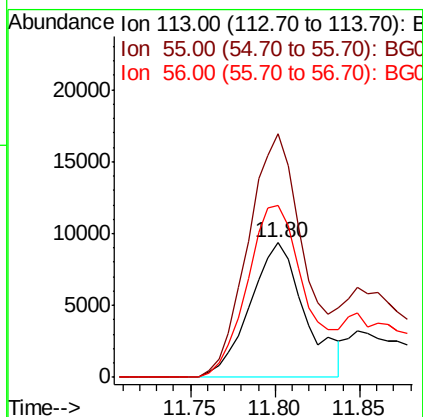
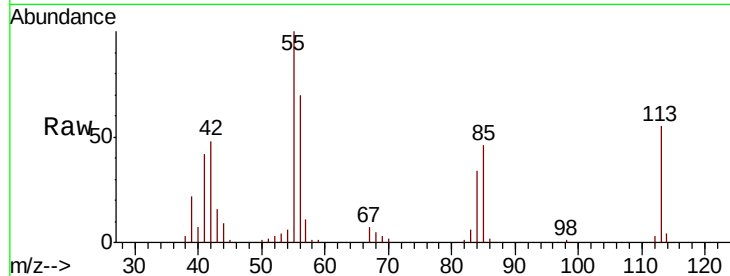




#35
 Caprolactam
 Concen: 25.600 ng
 RT: 11.80 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

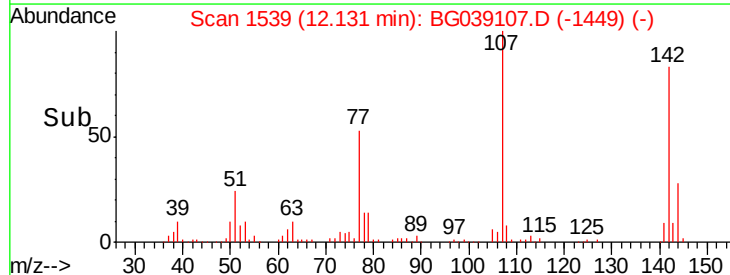
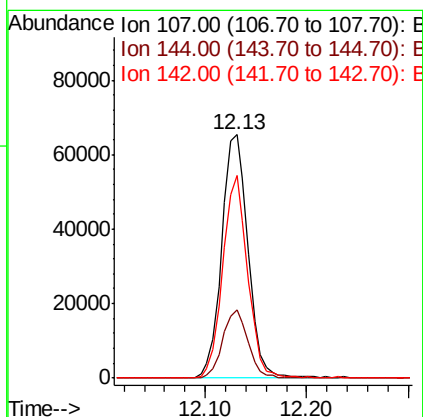
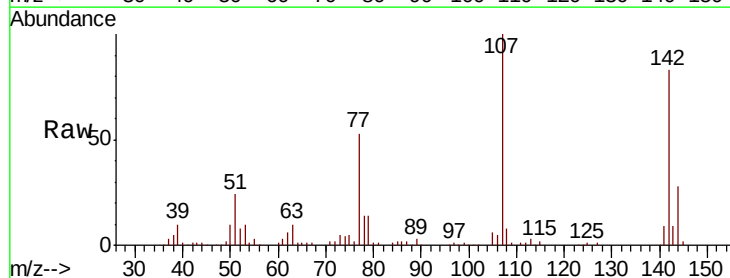
Instrument :
 BNA_G
 ClientSampleId :

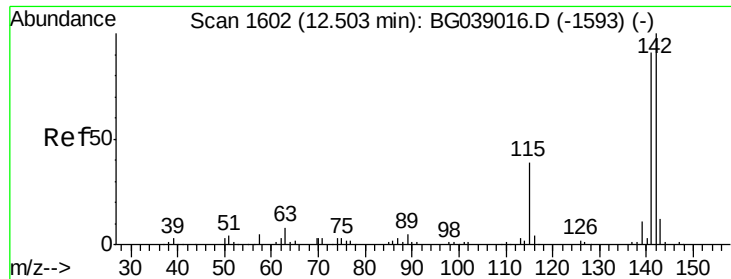
Tot Ion:113 Resp: 21143
 Ion Ratio Lower Upper
 113 100
 55 181.3 168.6 208.6
 56 127.8 123.2 163.2



#36
 4-Chloro-3-methylphenol
 Concen: 53.419 ng
 RT: 12.13 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Tgt Ion:107 Resp: 117675
 Ion Ratio Lower Upper
 107 100
 144 28.3 22.6 34.0
 142 83.2 70.2 105.4

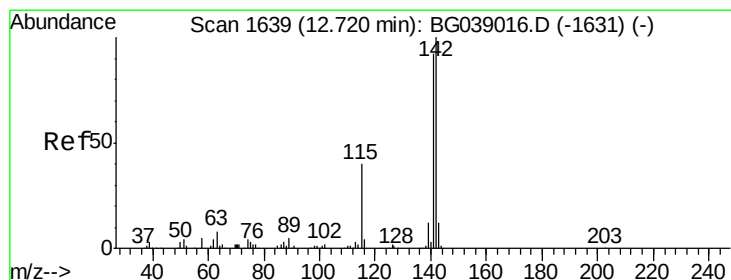
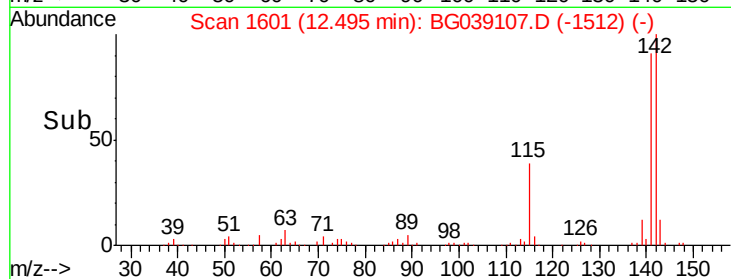
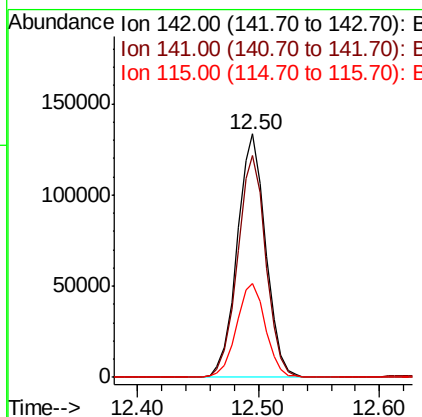
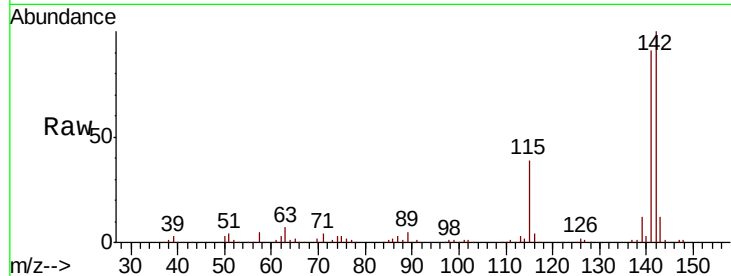




#37
 2-Methylnaphthalene
 Concen: 49.400 ng
 RT: 12.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

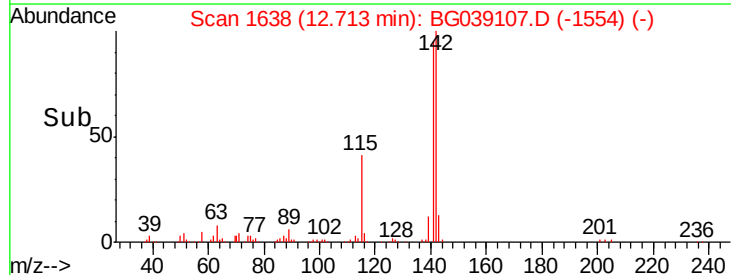
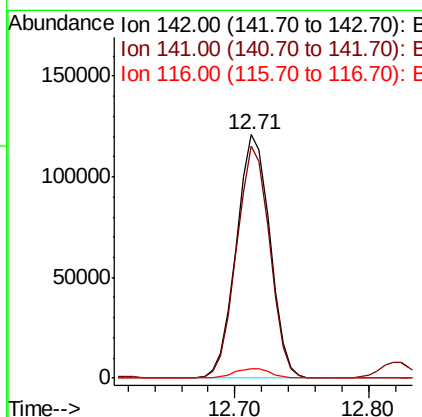
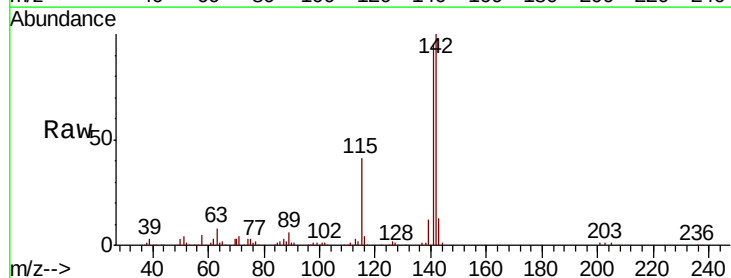
Instrument :
 BNA_G
 ClientSampleId :

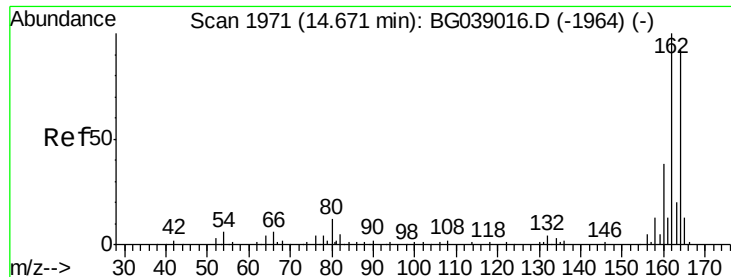
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.6	109.0
115	38.5	31.1	46.7



#38
 1-Methylnaphthalene
 Concen: 49.489 ng
 RT: 12.71 min Scan# 1638
 Delta R.T. -0.01 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.3	73.3	109.9
116	4.0	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

ClientSampleId :

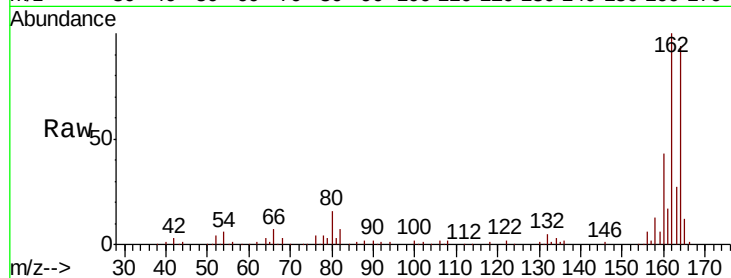
Tot Ion:164 Resp: 98178

Ion Ratio Lower Upper

164 100

162 105.9 87.2 130.8

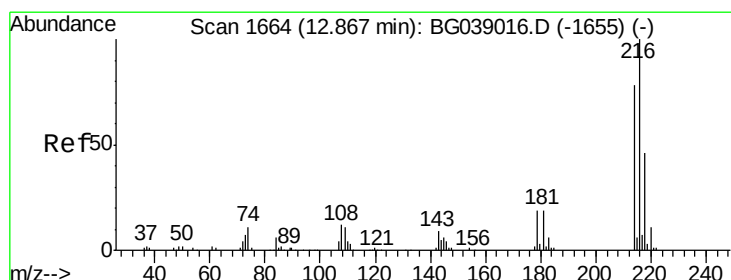
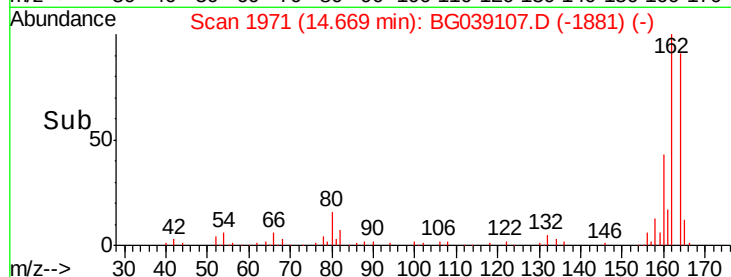
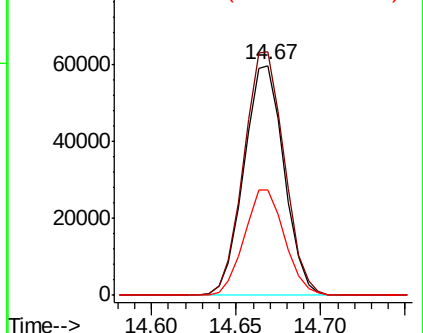
160 46.0 33.3 49.9



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: 37.113 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Tgt Ion:216 Resp: 136842

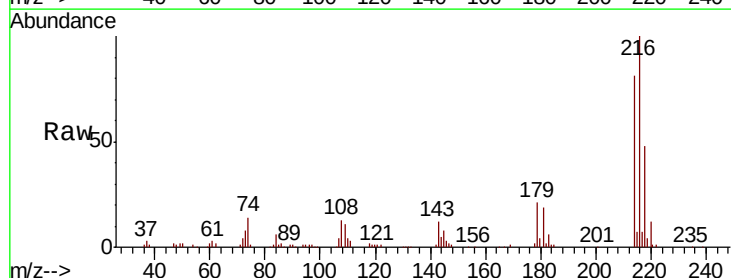
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.2

179 20.5 15.5 23.3

108 15.4 11.4 17.2

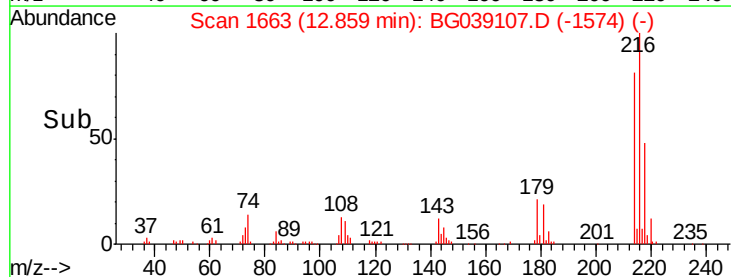
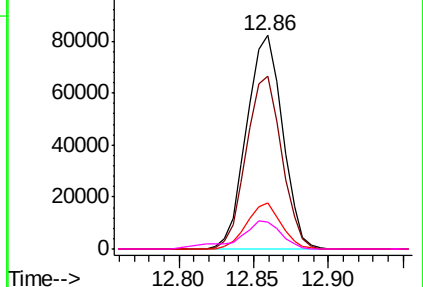


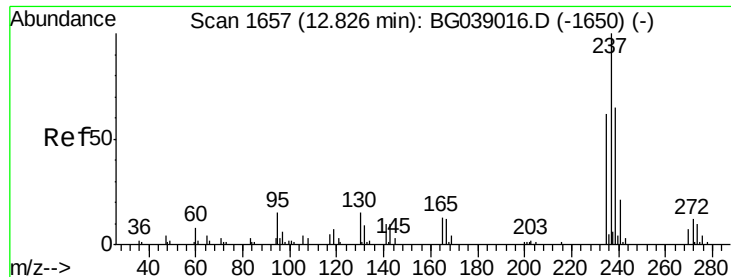
Abundance Ion 216.00 (215.70 to 216.70): E

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: 64.607 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

ClientSampleId :

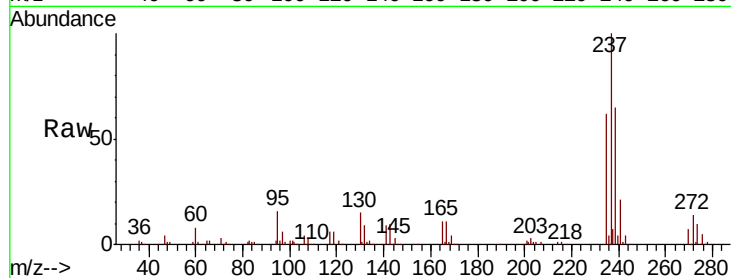
Tot Ion:237 Resp: 131697

Ion Ratio Lower Upper

237 100

235 62.0 41.7 81.7

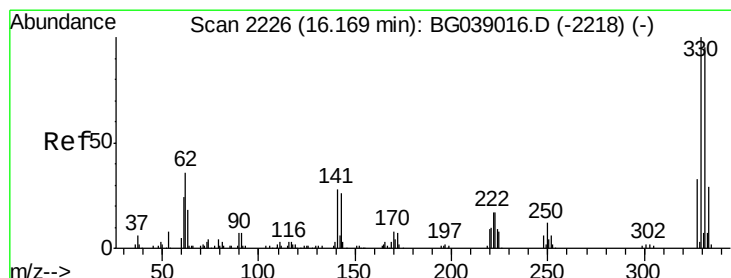
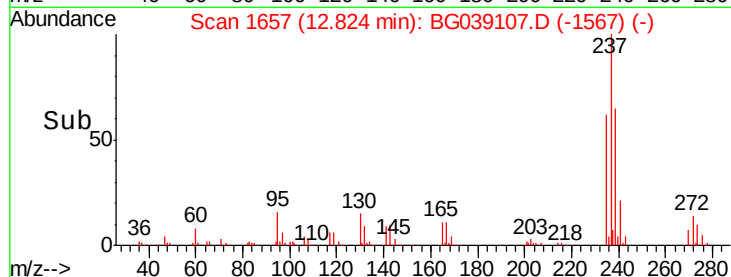
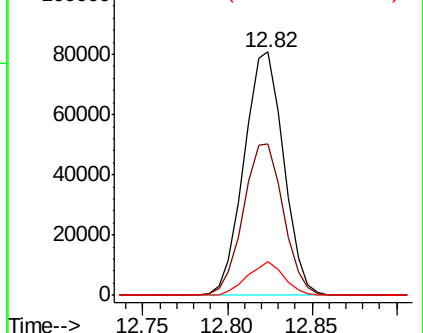
272 13.9 0.0 32.1



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: 121.808 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

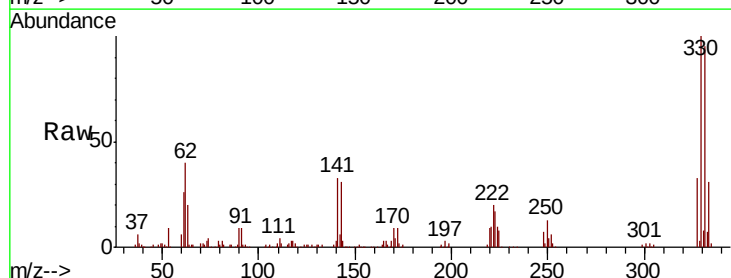
Tgt Ion:330 Resp: 200463

Ion Ratio Lower Upper

330 100

332 96.1 75.7 113.5

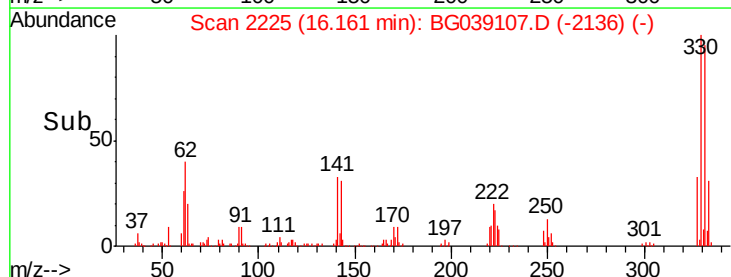
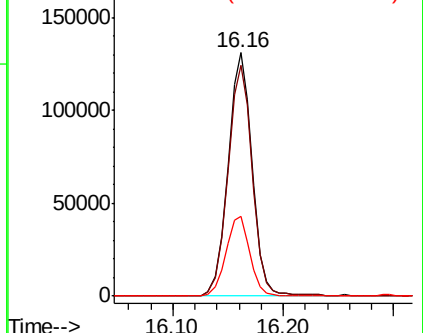
141 32.7 24.9 37.3

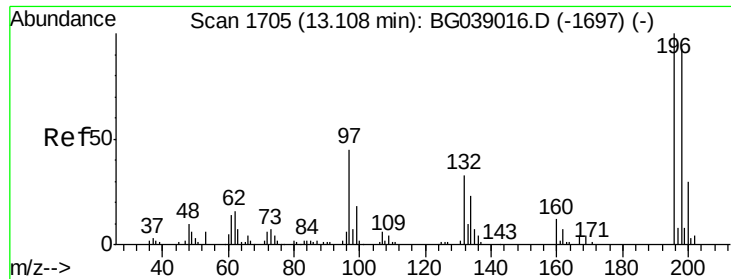


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

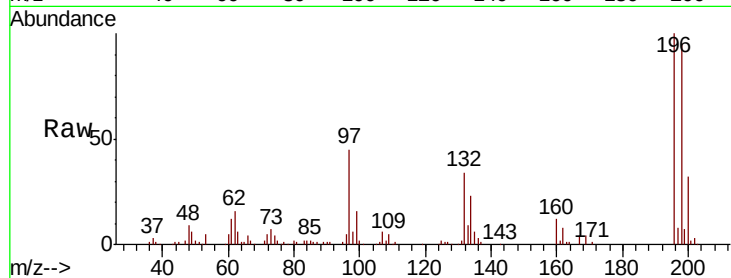




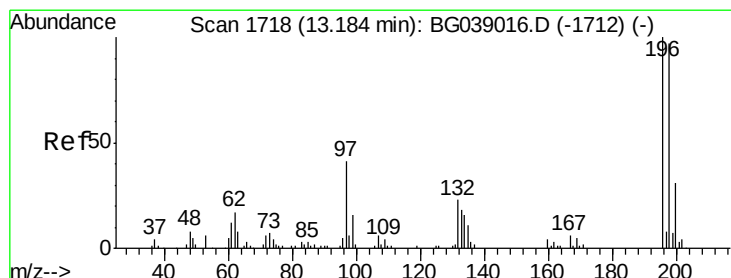
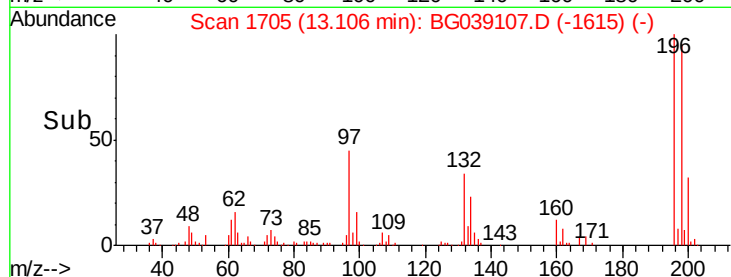
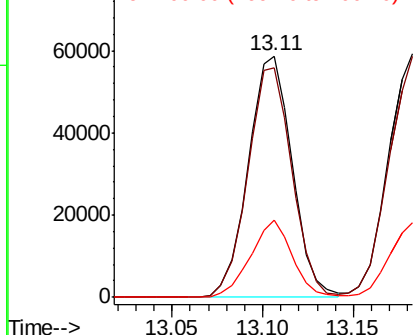
#43
 2,4,6-Trichlorophenol
 Concen: 42.408 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 98413
 Ion Ratio Lower Upper
 196 100
 198 95.0 74.5 111.7
 200 32.2 23.8 35.6

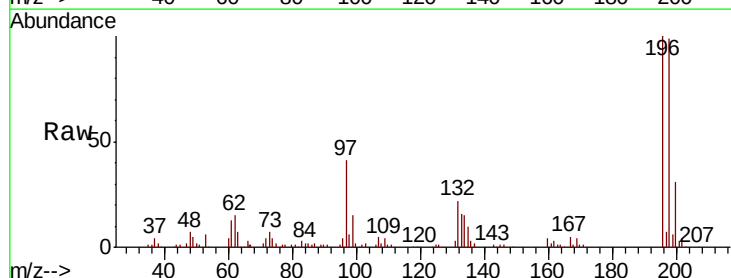


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

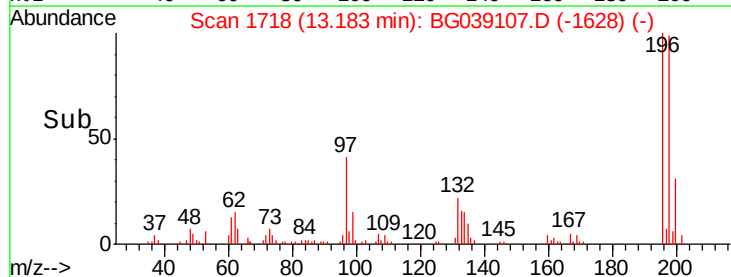
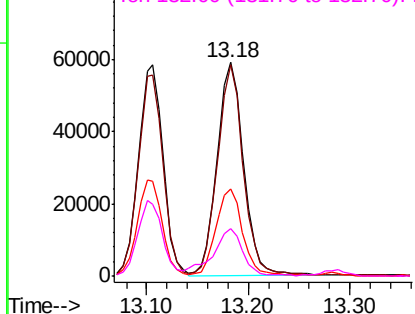


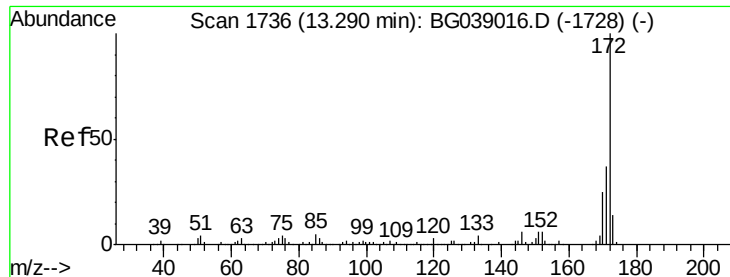
#44
 2,4,5-Trichlorophenol
 Concen: 43.836 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Tgt Ion:196 Resp: 107515
 Ion Ratio Lower Upper
 196 100
 198 98.8 78.1 117.1
 97 40.7 33.2 49.8
 132 22.3 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

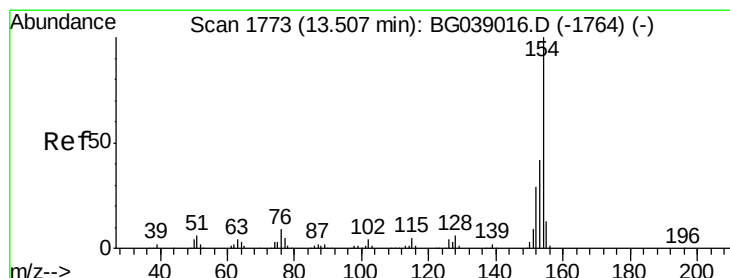
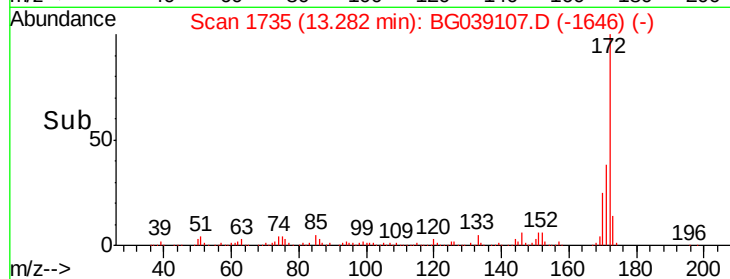
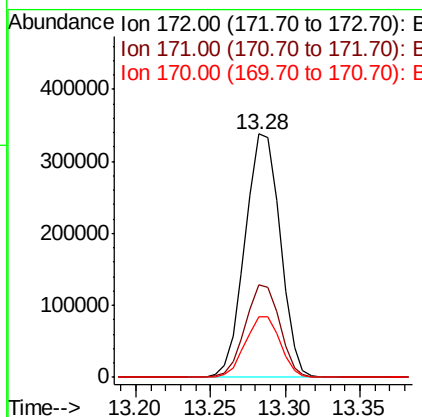
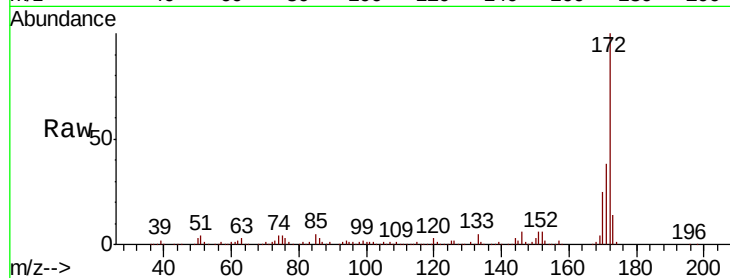




#45
 2-Fluorobiphenyl
 Concen: 76.976 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

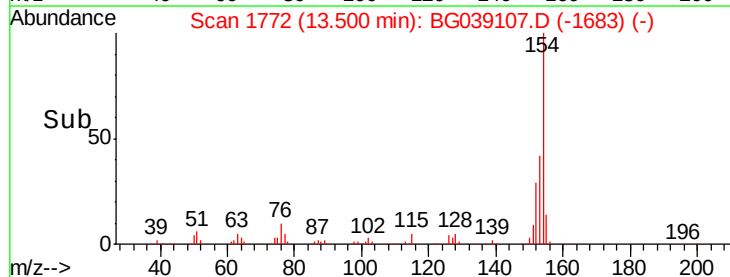
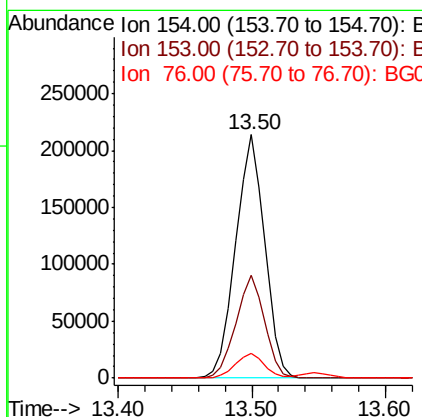
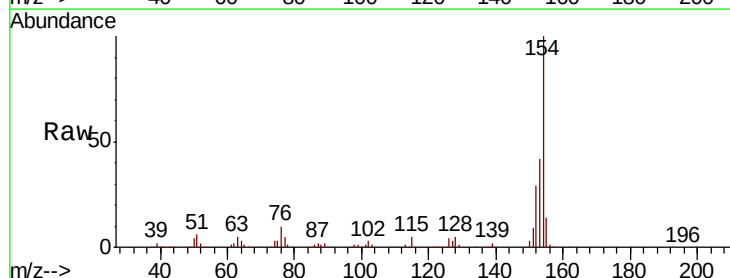
Instrument :
 BNA_G
 ClientSampleId :

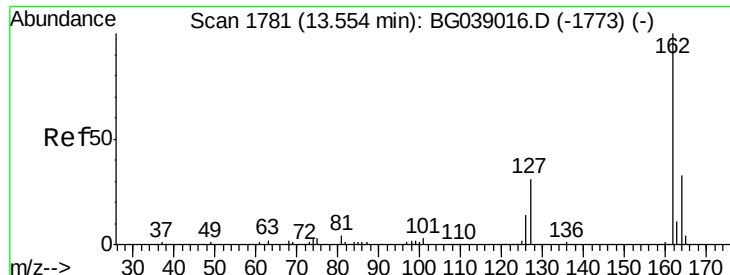
Tot Ion:172 Resp: 552207
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.4 44.0
 170 25.1 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 41.362 ng
 RT: 13.50 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Tgt Ion:154 Resp: 321769
 Ion Ratio Lower Upper
 154 100
 153 42.4 22.4 62.4
 76 10.0 0.0 29.4

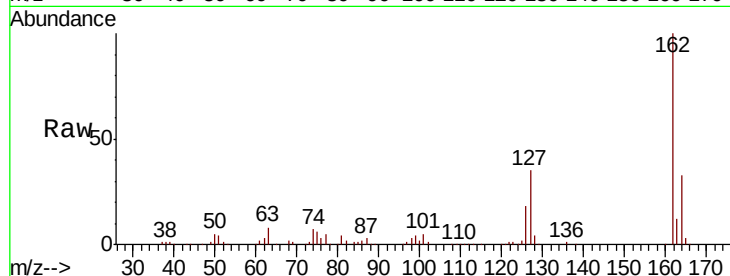




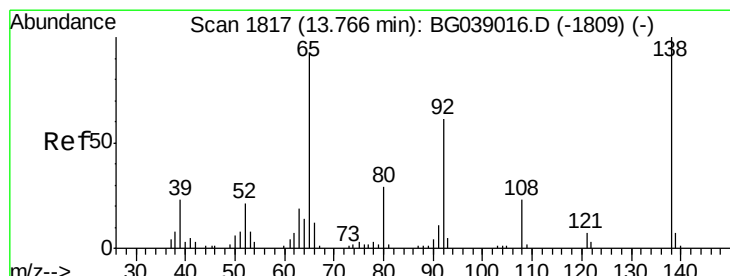
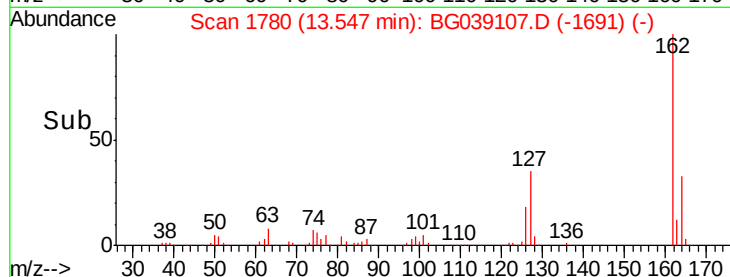
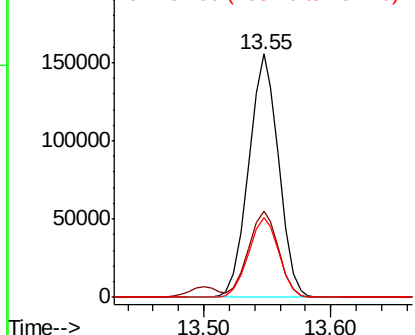
#47
 2-Chloronaphthalene
 Concen: 40.410 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 254397
 Ion Ratio Lower Upper
 162 100
 127 35.5 28.4 42.6
 164 32.7 26.3 39.5

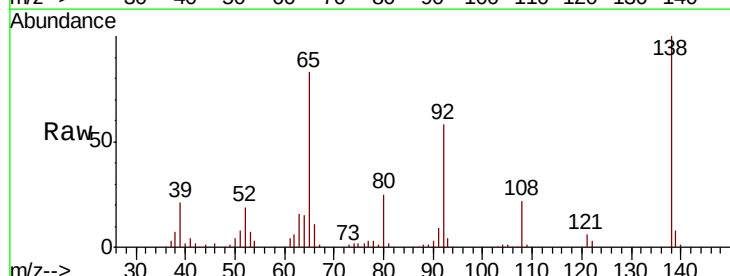


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

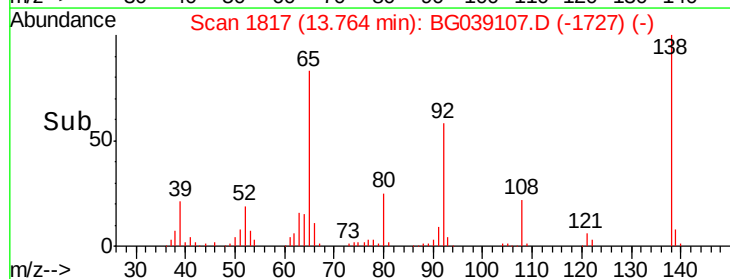
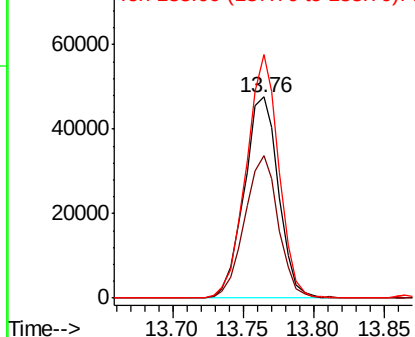


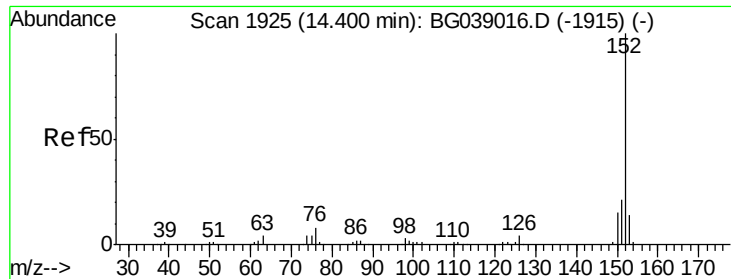
#48
 2-Nitroaniline
 Concen: 45.994 ng
 RT: 13.76 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Tgt Ion: 65 Resp: 81117
 Ion Ratio Lower Upper
 65 100
 92 70.7 52.2 78.4
 138 121.0 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: 43.892 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

ClientSampleId :

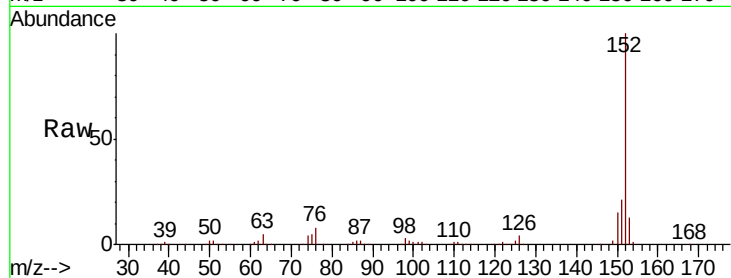
Tot Ion:152 Resp: 415314

Ion Ratio Lower Upper

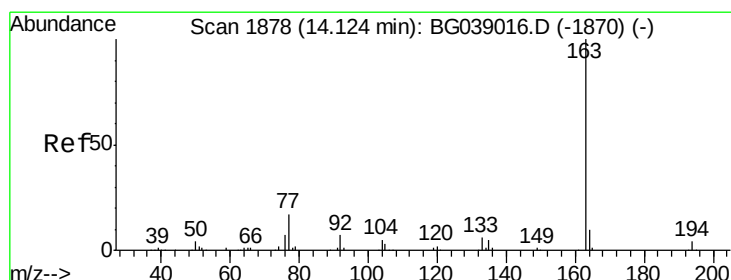
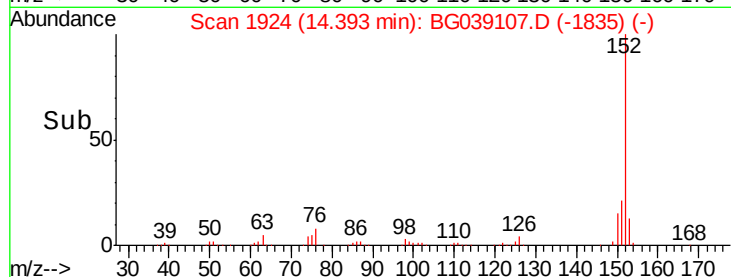
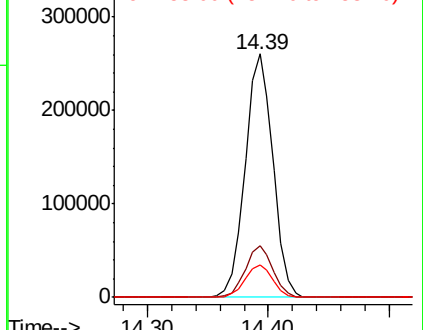
152 100

151 21.0 17.0 25.4

153 13.5 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: 41.748 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

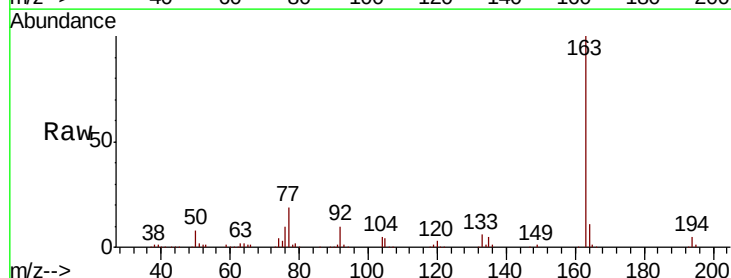
Tgt Ion:163 Resp: 346363

Ion Ratio Lower Upper

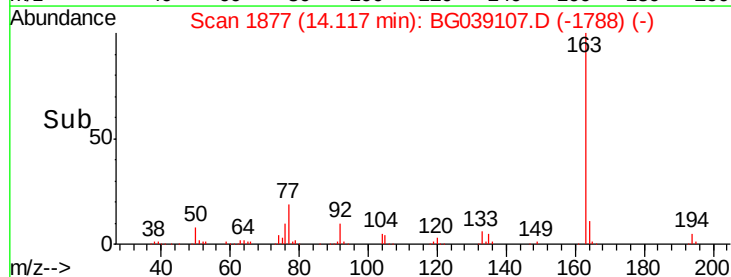
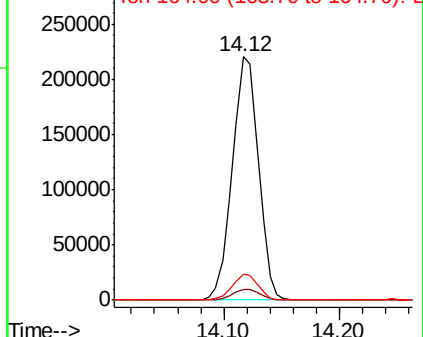
163 100

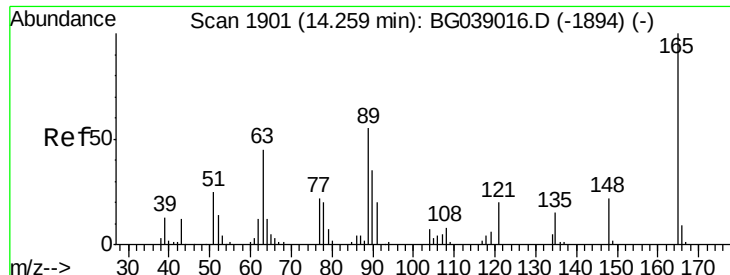
194 4.6 3.6 5.4

164 10.5 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

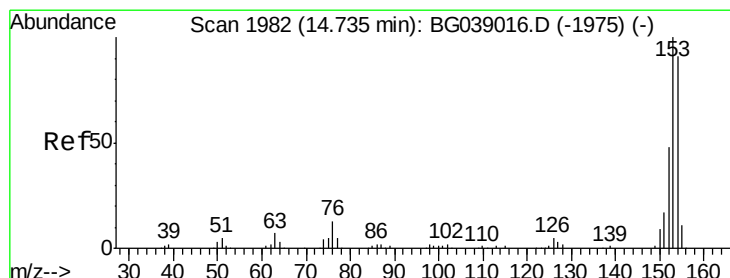
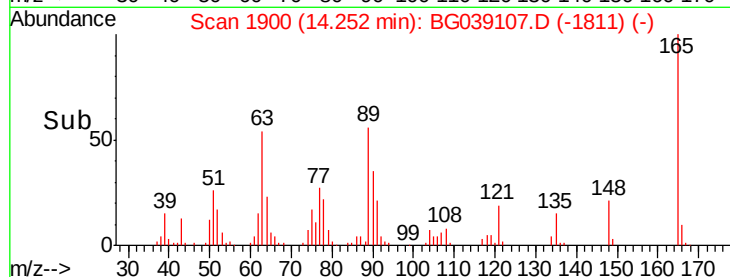
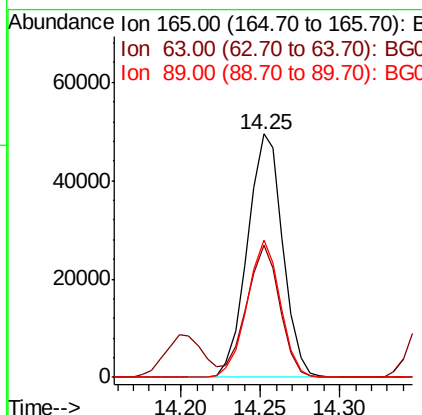
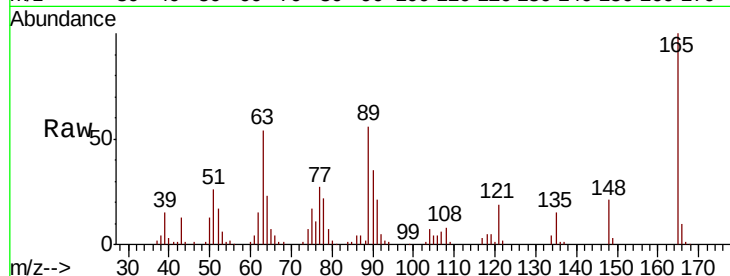




#51
 2,6-Dinitrotoluene
 Concen: 41.182 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

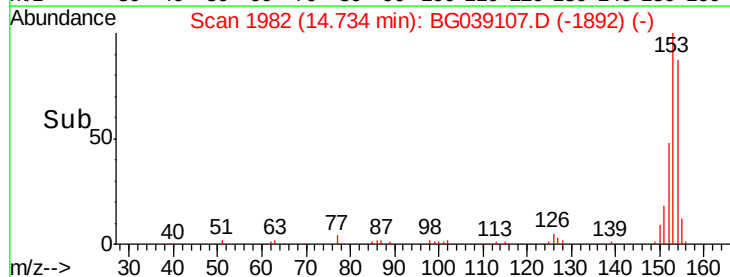
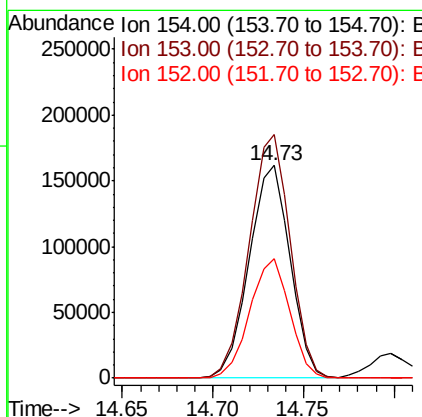
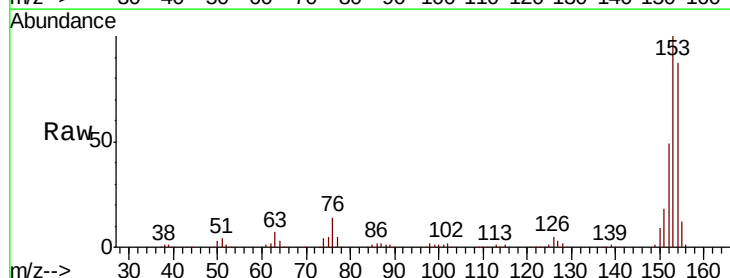
Instrument :
 BNA_G
 ClientSampled :

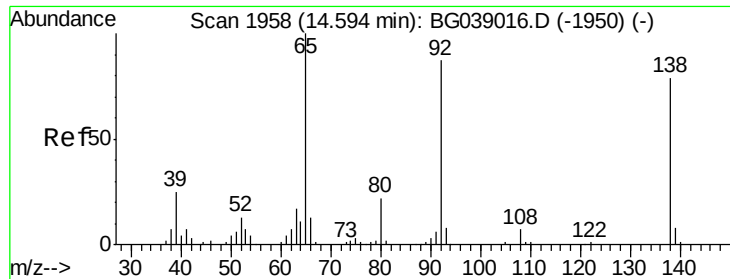
Tot Ion	Ratio	Lower	Upper
165	100		
63	54.1	43.6	65.4
89	56.3	43.7	65.5



#52
 Acenaphthene
 Concen: 44.638 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.5	87.9	131.9
152	56.0	42.2	63.2





#53

3-Nitroaniline

Concen: 6.970 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

ClientSampleId :

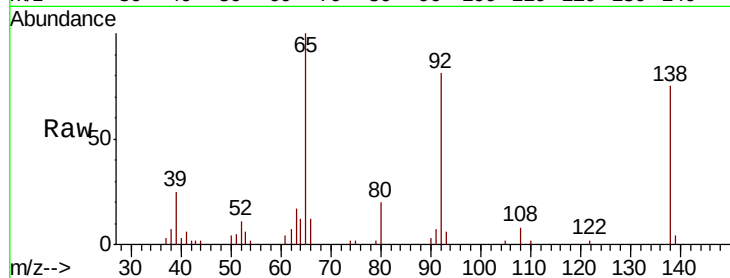
Tot Ion:138 Resp: 13116

Ion Ratio Lower Upper

138 100

108 10.1 7.4 11.0

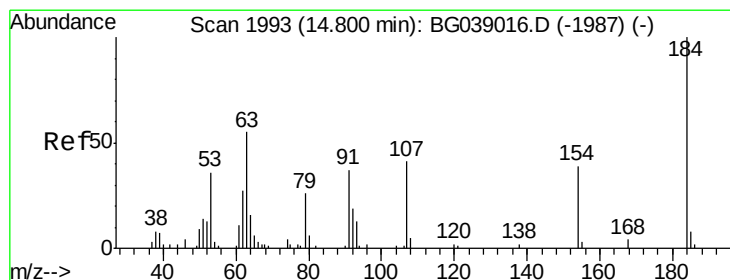
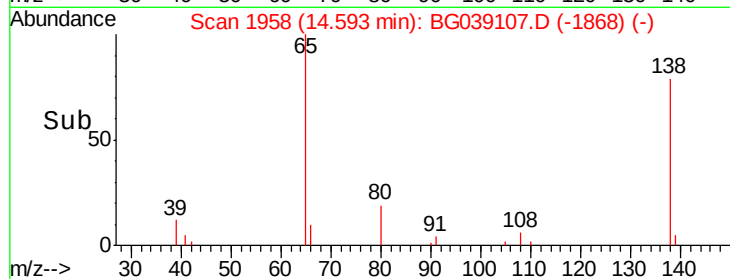
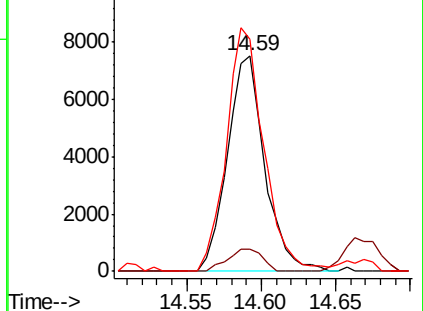
92 107.6 88.2 132.4



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: 50.685 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

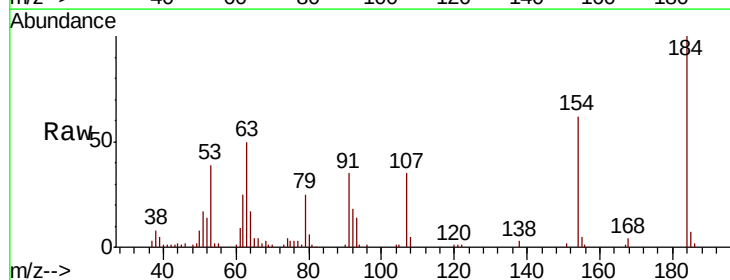
Tgt Ion:184 Resp: 53862

Ion Ratio Lower Upper

184 100

63 50.3 44.0 66.0

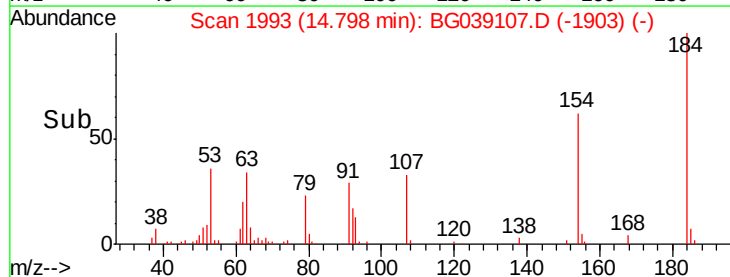
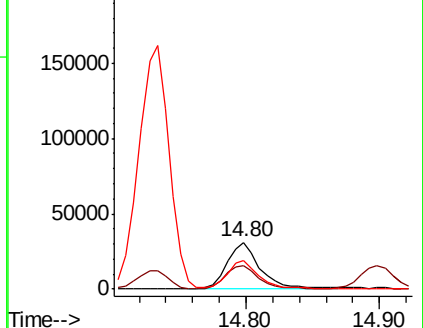
154 61.7 46.1 69.1

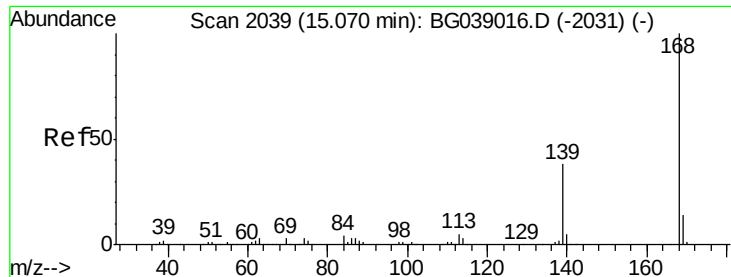


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

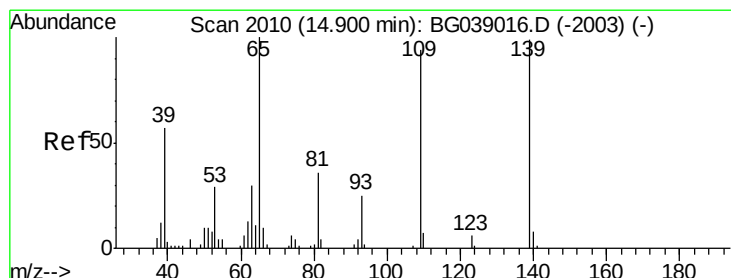
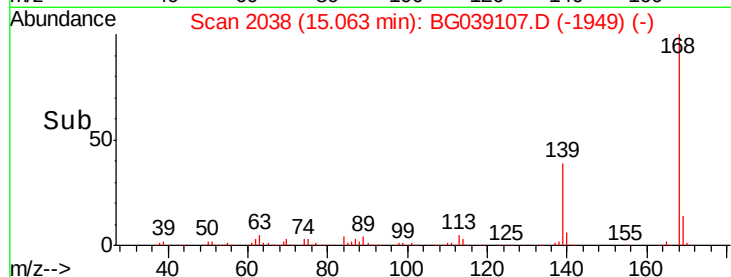
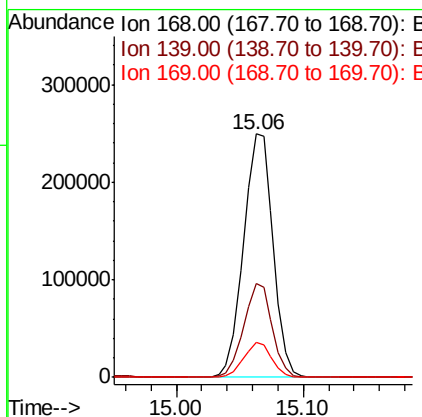
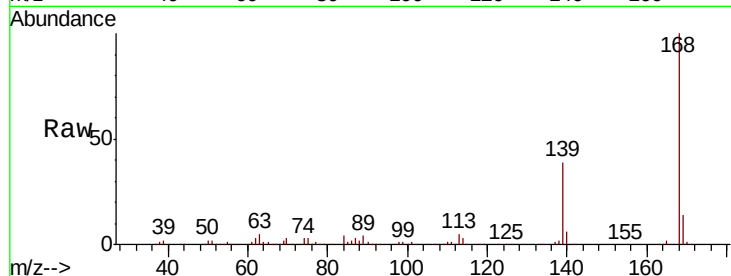




#55
Dibenzenofuran
Concen: 40.108 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

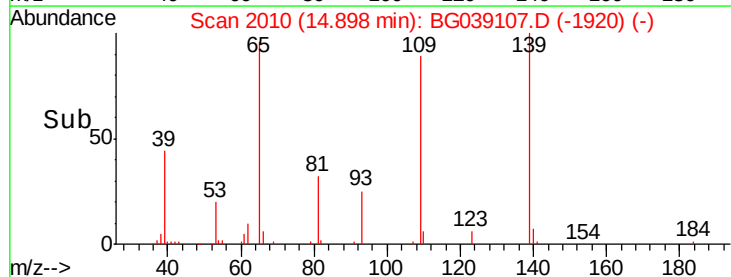
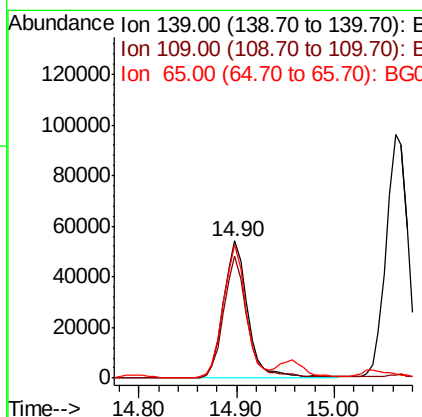
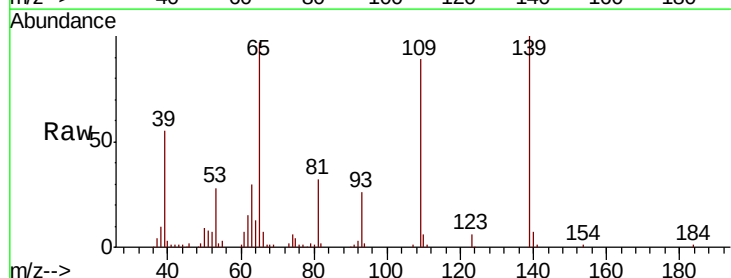
Instrument :
BNA_G
ClientSampleId :

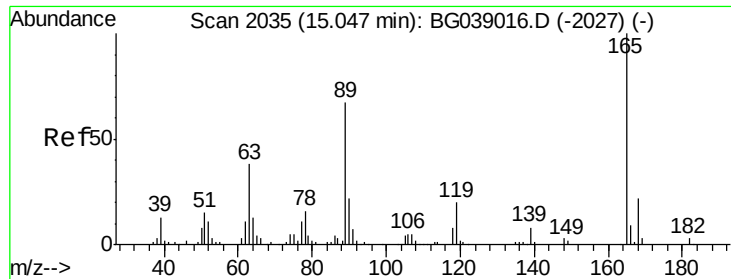
Tot Ion:168 Resp: 402712
Ion Ratio Lower Upper
168 100
139 38.5 30.1 45.1
169 14.1 10.9 16.3



#56
4-Nitrophenol
Concen: 69.823 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion:139 Resp: 94533
Ion Ratio Lower Upper
139 100
109 88.8 75.6 115.6
65 97.2 81.2 121.2





#57

2,4-Dinitrotoluene

Concen: 40.587 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

ClientSampled :

Tot Ion:165 Resp: 108009

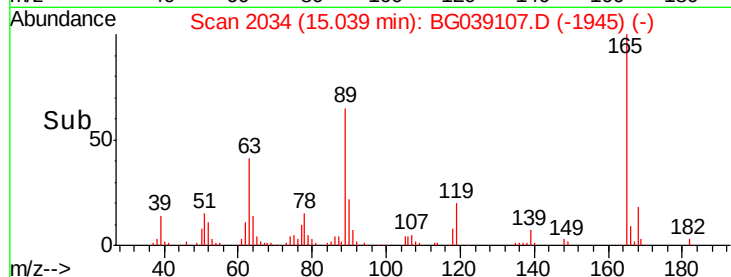
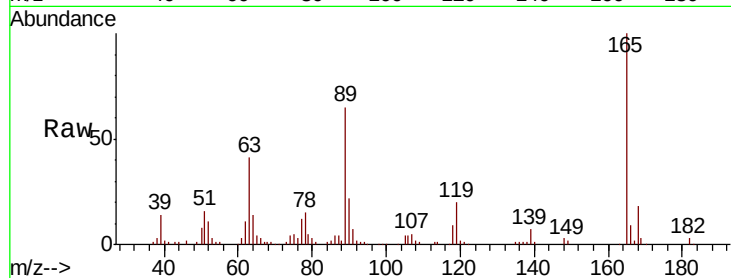
Ion Ratio Lower Upper

165 100

63 41.2 30.2 45.4

89 65.2 53.2 79.8

182 3.1 2.7 4.1

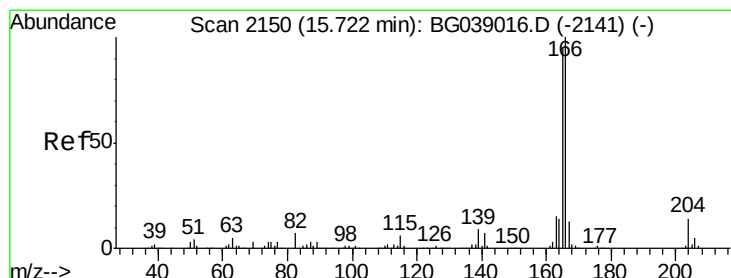
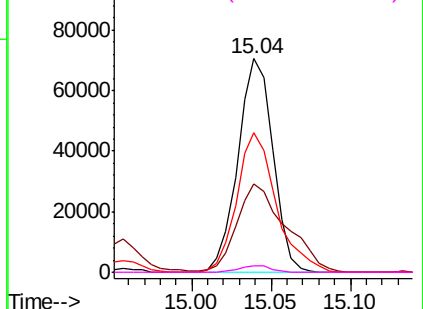


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.487 ng

RT: 15.71 min Scan# 2149

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

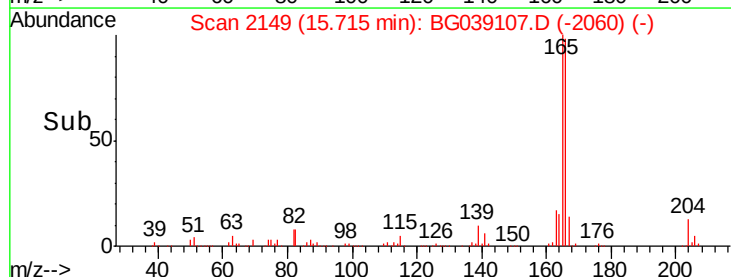
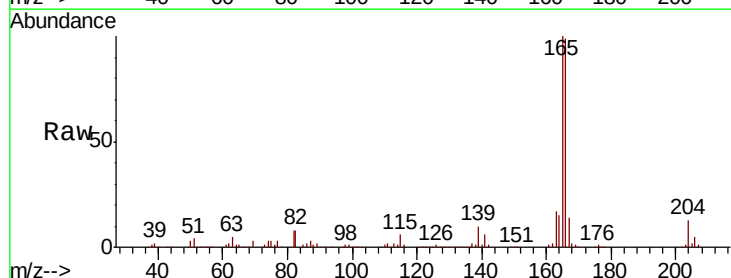
Tgt Ion:166 Resp: 328667

Ion Ratio Lower Upper

166 100

165 100.9 76.2 114.2

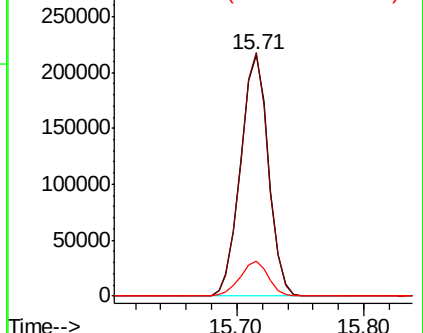
167 14.4 10.6 16.0

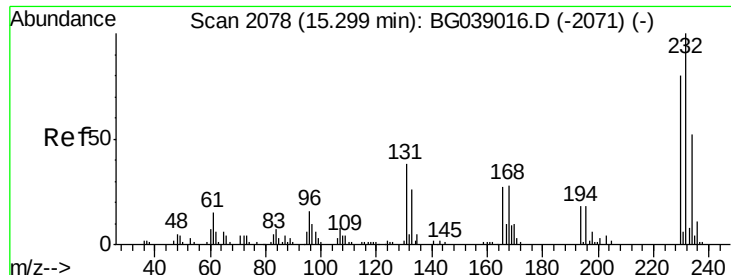


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

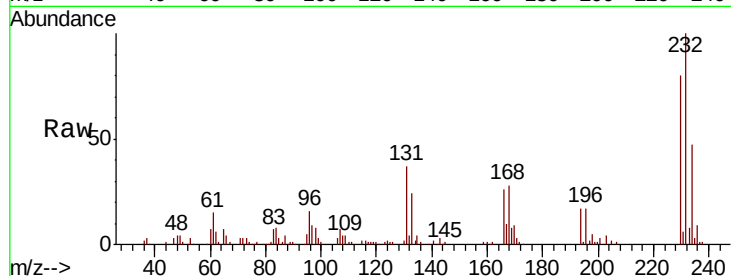




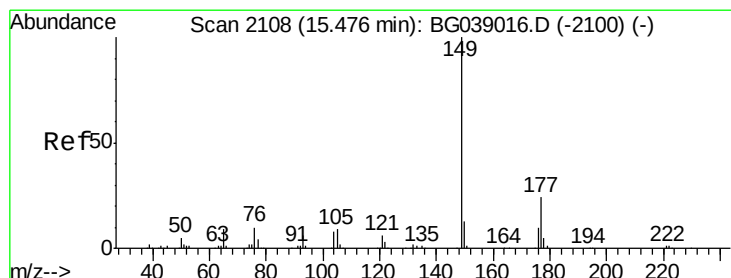
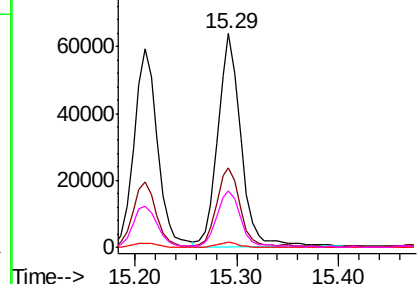
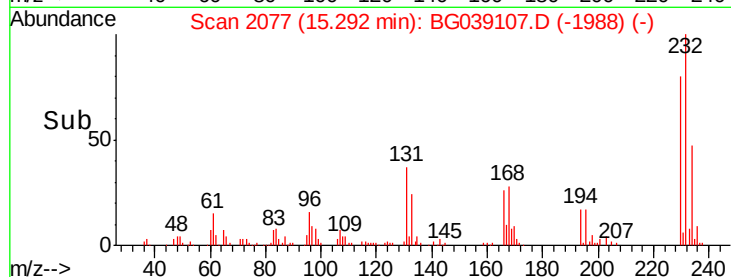
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.055 ng
RT: 15.29 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.4	30.9	46.3
130	2.2	1.9	2.9
166	28.4	22.1	33.1

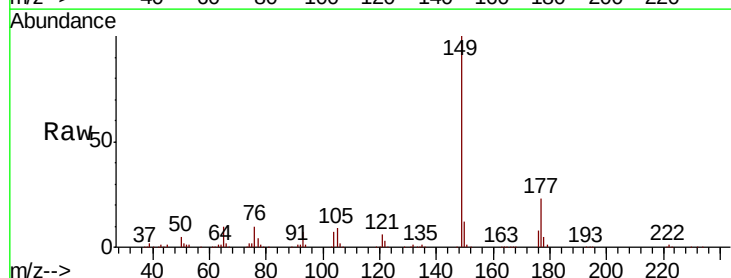


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

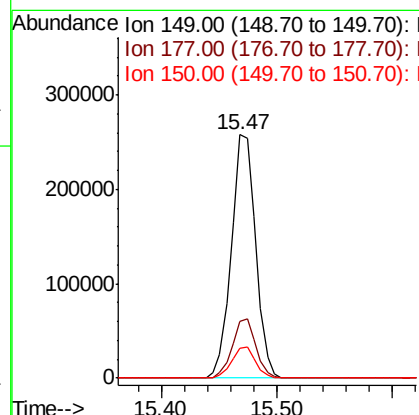
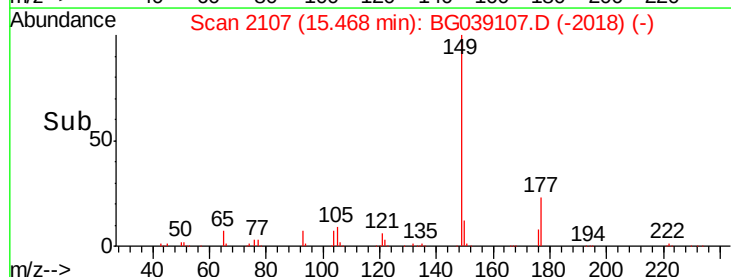


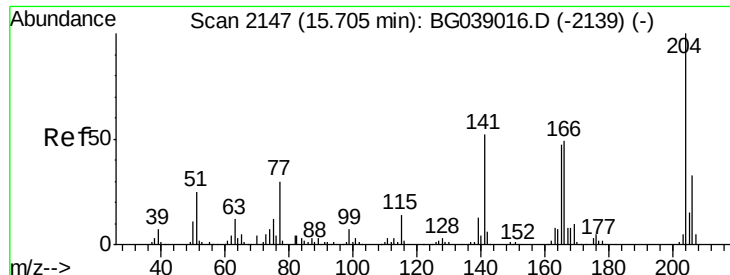
#60
Diethylphthalate
Concen: 43.730 ng
RT: 15.47 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.0	28.6
150	12.5	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

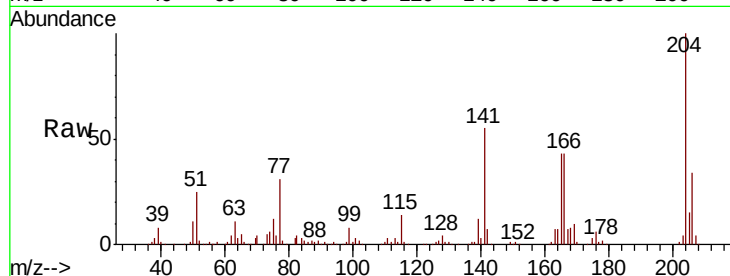




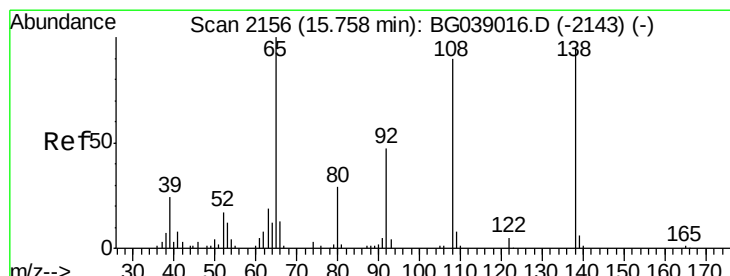
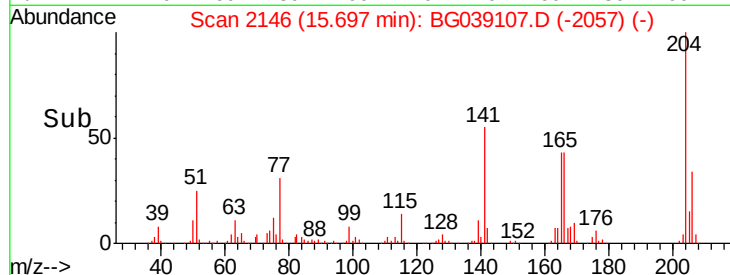
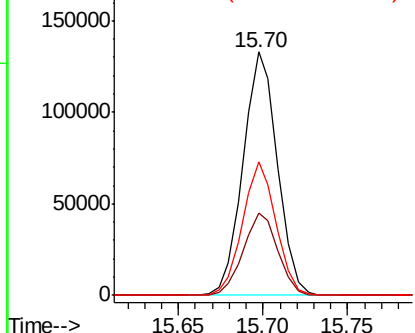
#61
4-Chlorophenyl-phenylether
Concen: 39.311 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 187176
Ion Ratio Lower Upper
204 100
206 33.7 26.6 39.8
141 54.9 41.4 62.0

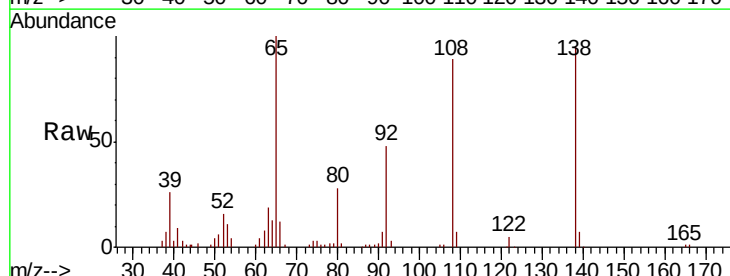


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

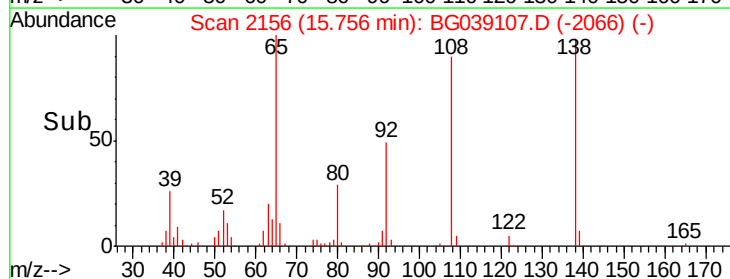
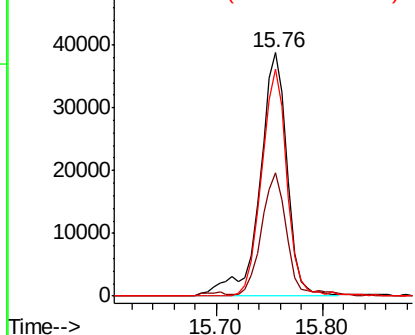


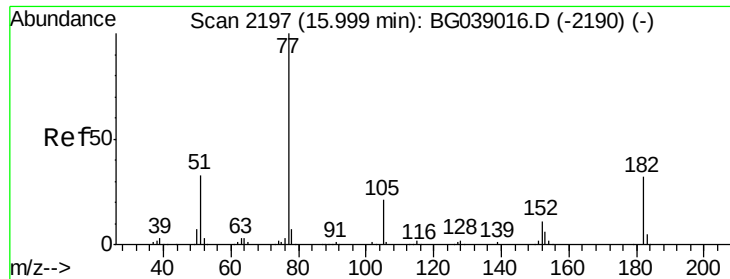
#62
4-Nitroaniline
Concen: 35.518 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion:138 Resp: 69623
Ion Ratio Lower Upper
138 100
92 50.8 29.7 69.7
108 93.3 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: 41.715 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 278850

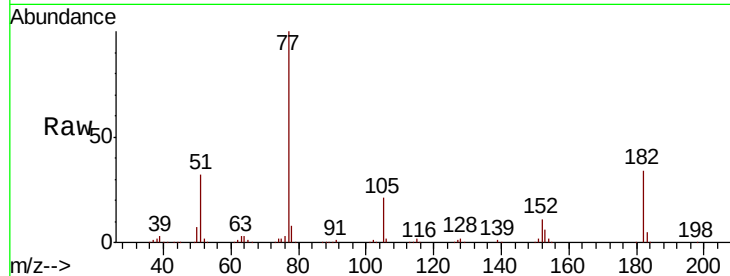
Ion Ratio Lower Upper

77 100

182 33.8 12.2 52.2

105 20.9 1.2 41.2

51 32.1 13.4 53.4

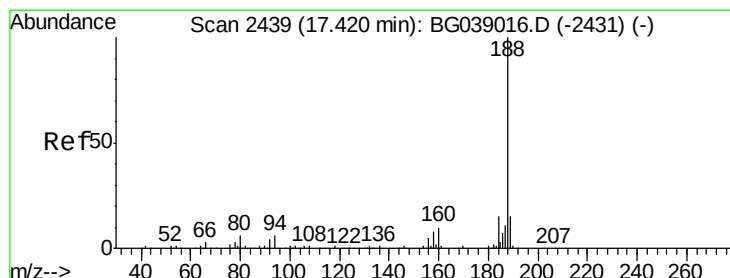
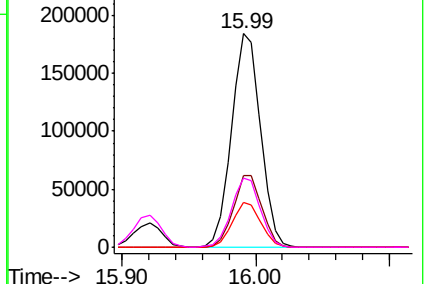
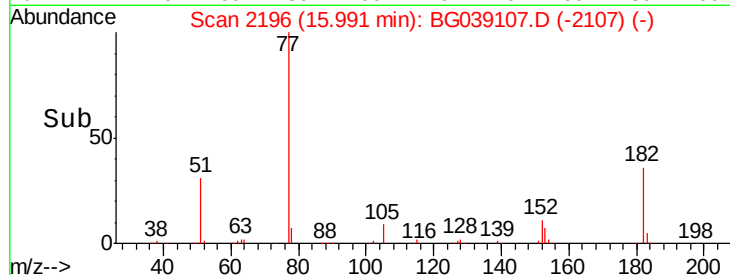


Abundance Ion 77.00 (76.70 to 77.70): BG039107.D (-2197) (-)

Ion 182.00 (181.70 to 182.70): BG039107.D (-2197) (-)

Ion 105.00 (104.70 to 105.70): BG039107.D (-2197) (-)

Ion 51.00 (50.70 to 51.70): BG039107.D (-2197) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

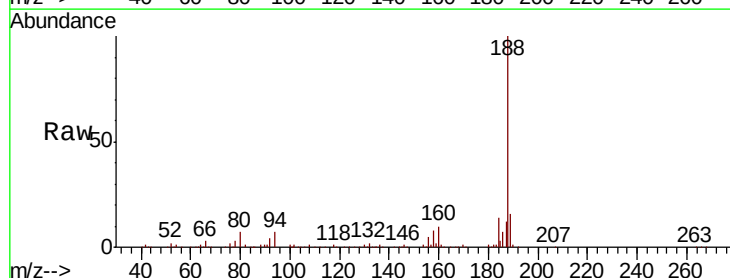
Tgt Ion: 188 Resp: 225071

Ion Ratio Lower Upper

188 100

94 6.6 5.0 7.4

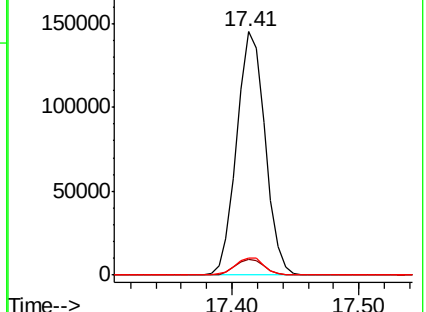
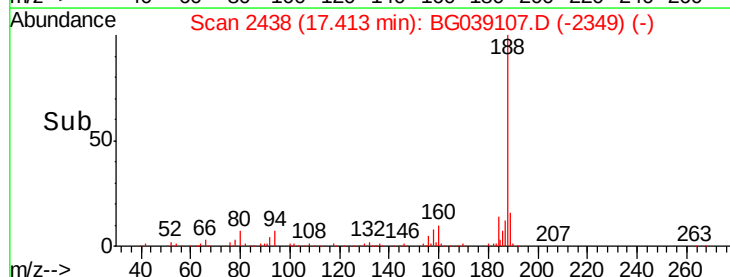
80 7.1 4.7 7.1#

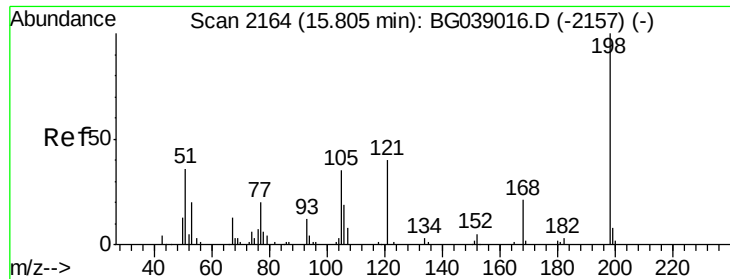


Abundance Ion 188.00 (187.70 to 188.70): BG039107.D (-2439) (-)

Ion 94.00 (93.70 to 94.70): BG039107.D (-2439) (-)

Ion 80.00 (79.70 to 80.70): BG039107.D (-2439) (-)

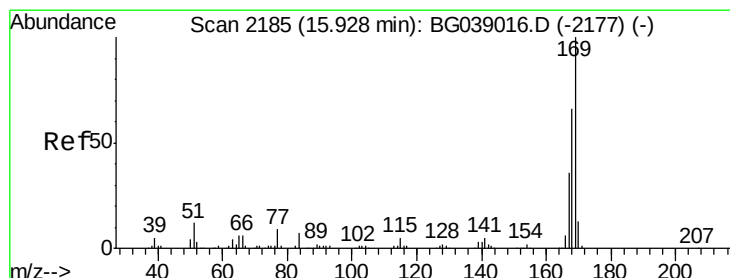
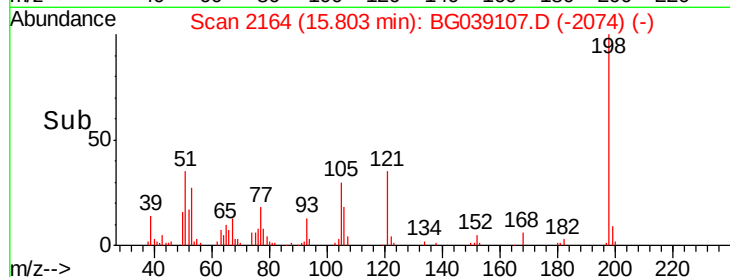
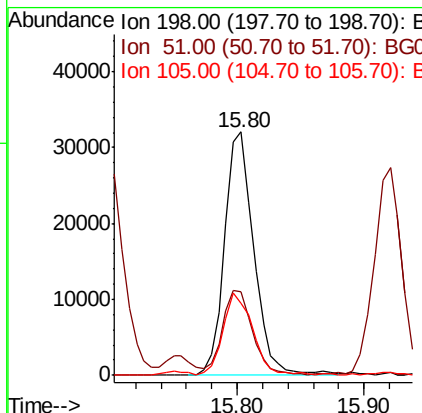
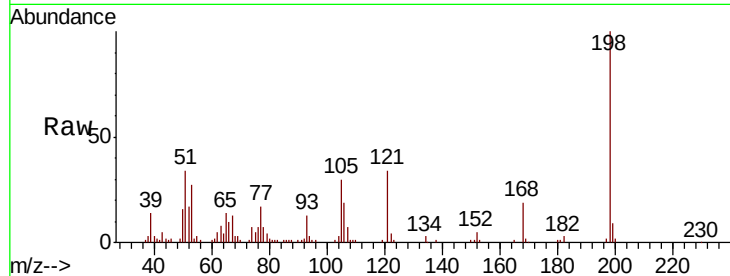




#65
4,6-Dinitro-2-methylphenol
Concen: 30.764 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

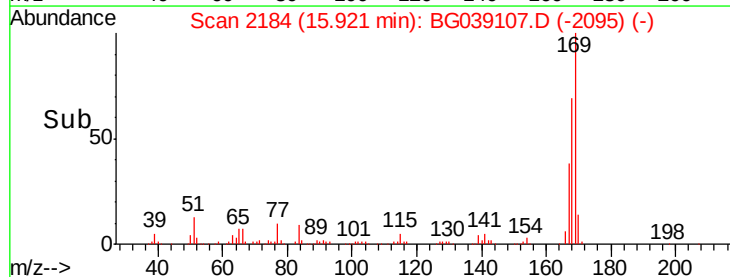
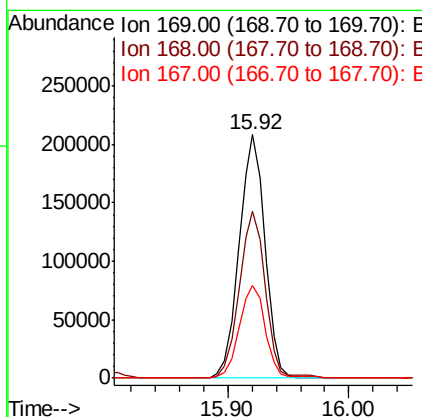
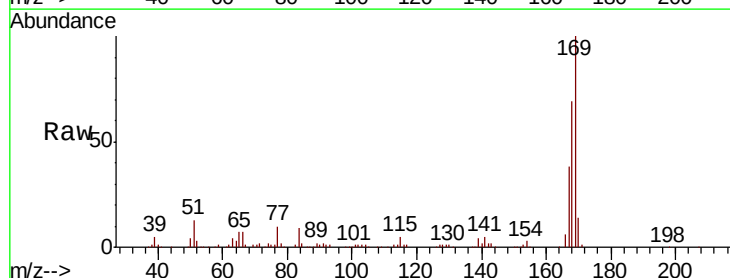
Instrument :
BNA_G
ClientSampleId :

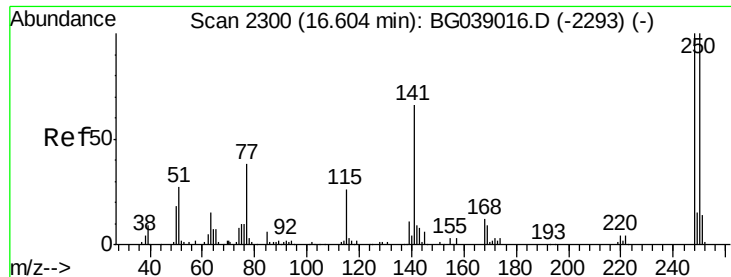
Tot Ion	Ratio	Lower	Upper
198	100		
51	34.4	20.8	60.8
105	29.6	16.1	56.1



#66
n-Nitrosodiphenylamine
Concen: 46.386 ng
RT: 15.92 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.7	53.2	79.8
167	38.1	29.1	43.7

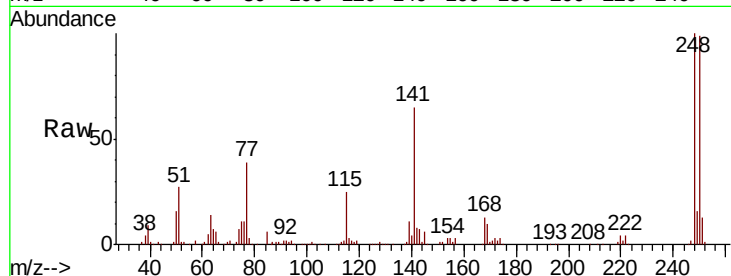




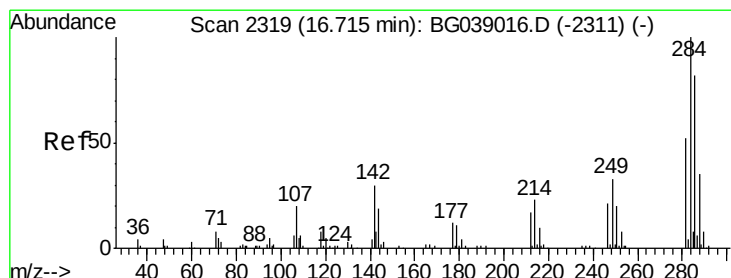
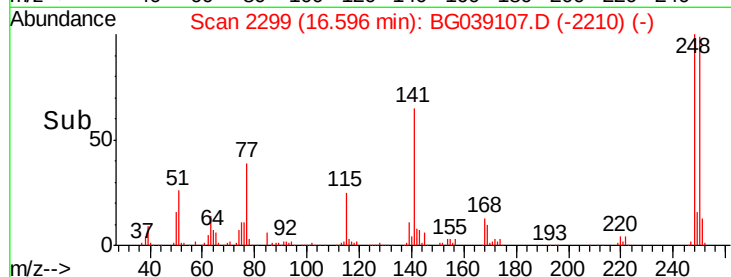
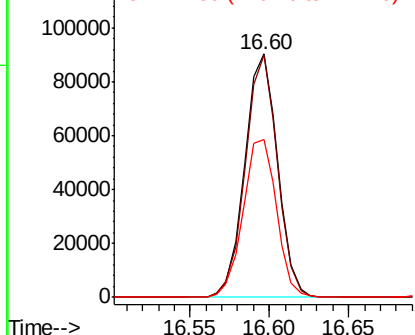
#67
 4-Bromophenyl-phenylether
 Concen: 44.844 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 129743
 Ion Ratio Lower Upper
 248 100
 250 99.3 79.9 119.9
 141 64.9 52.7 79.1

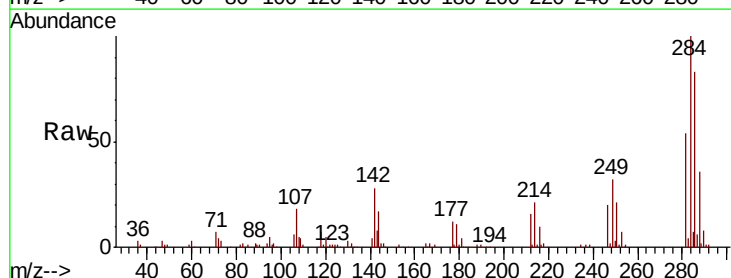


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

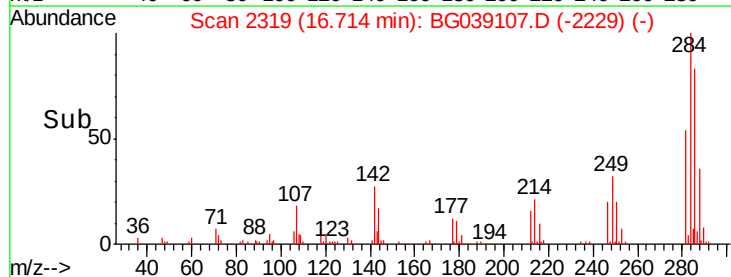
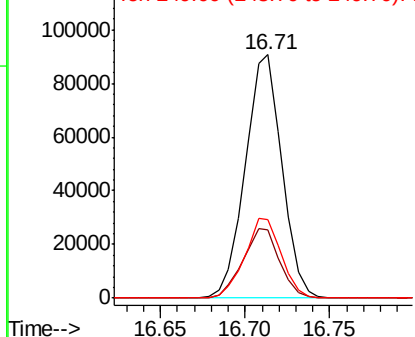


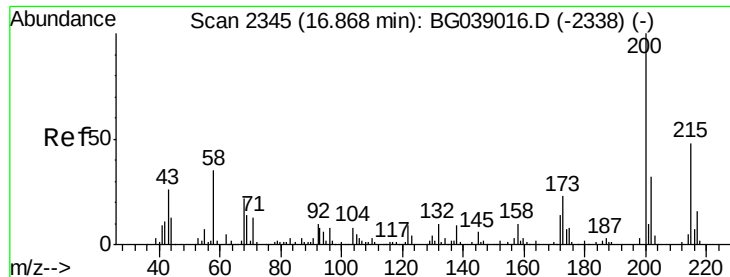
#68
 Hexachlorobenzene
 Concen: 43.152 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.00 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Tgt Ion:284 Resp: 136231
 Ion Ratio Lower Upper
 284 100
 142 27.9 24.3 36.5
 249 34.8 27.8 41.8



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





#69

Atrazine

Concen: 47.332 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

ClientSampleId :

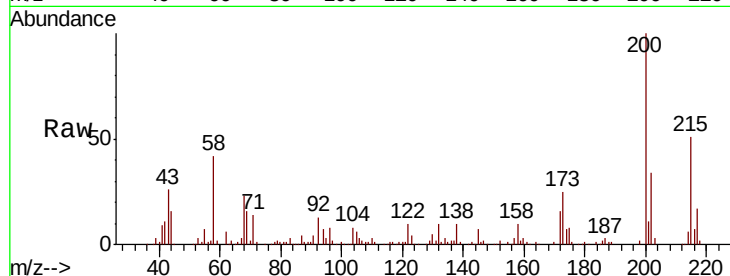
Tot Ion:200 Resp: 134161

Ion Ratio Lower Upper

200 100

173 24.5 2.6 42.6

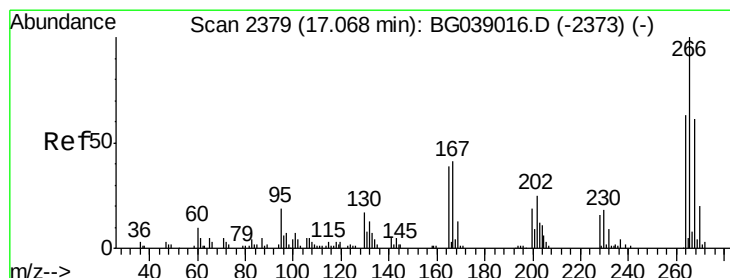
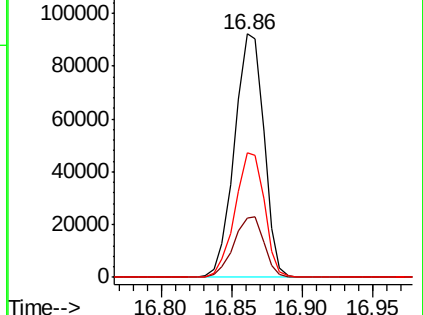
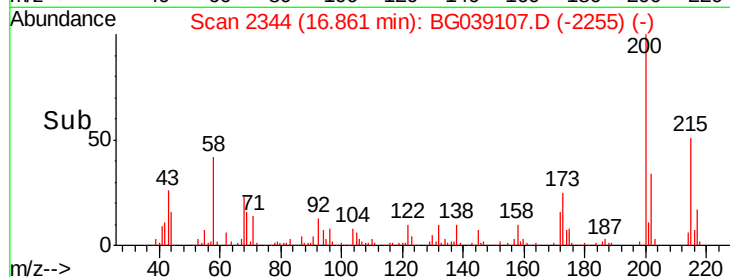
215 51.3 28.0 68.0



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: 61.853 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

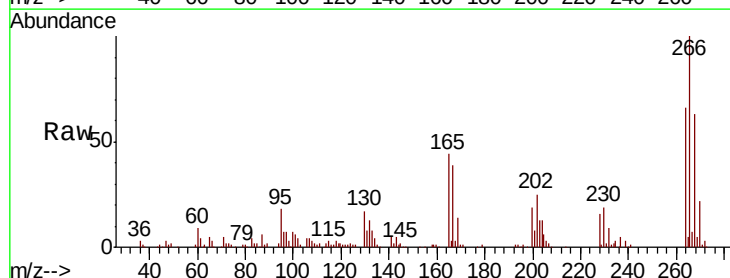
Tgt Ion:266 Resp: 117882

Ion Ratio Lower Upper

266 100

268 67.8 52.0 78.0

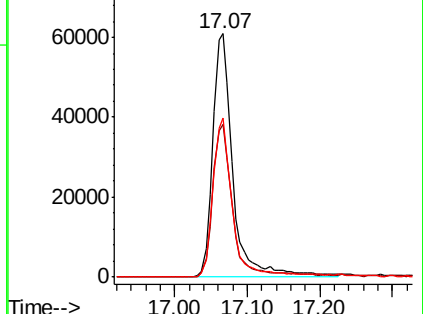
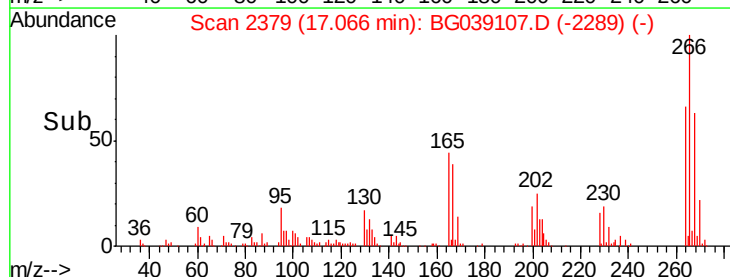
264 70.4 54.6 81.8

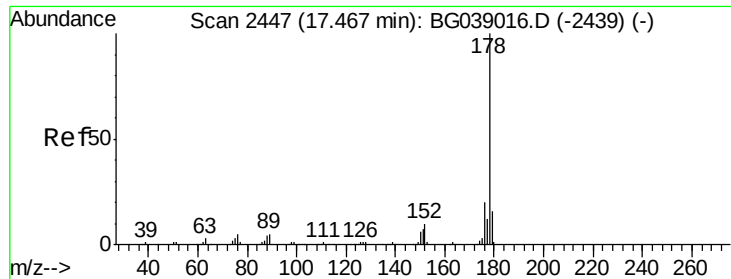


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

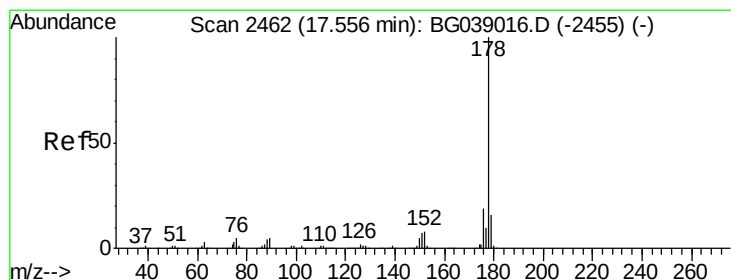
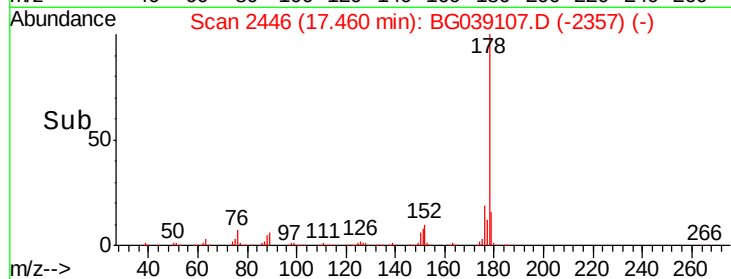
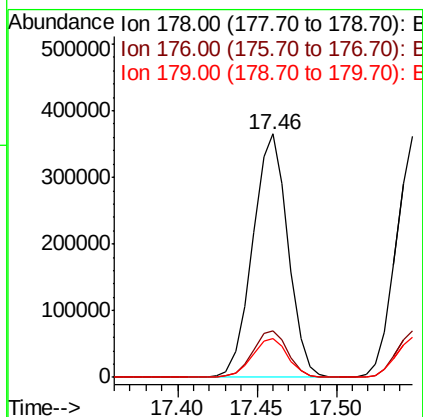
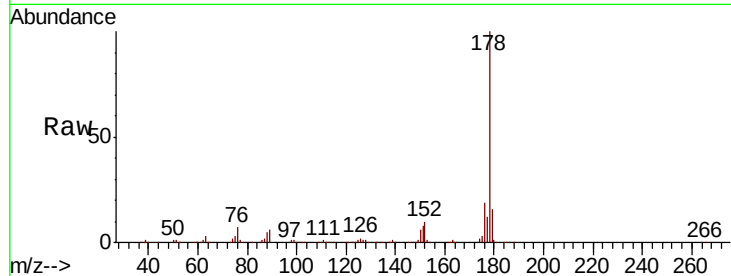




#71
Phenanthrene
Concen: 47.459 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

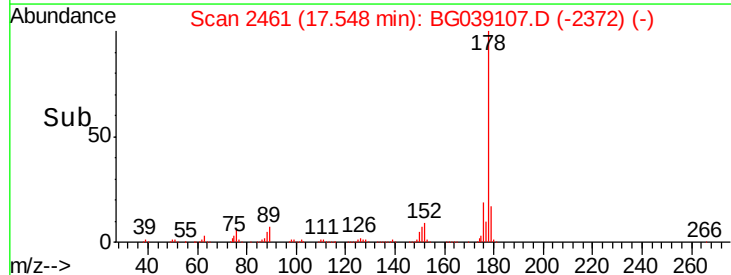
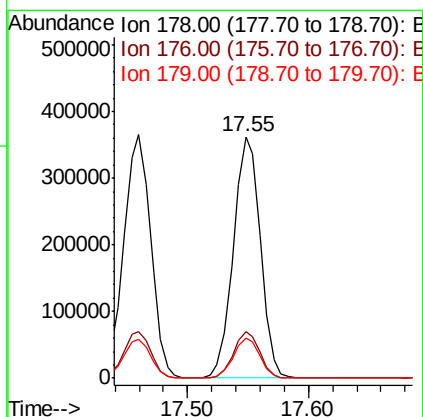
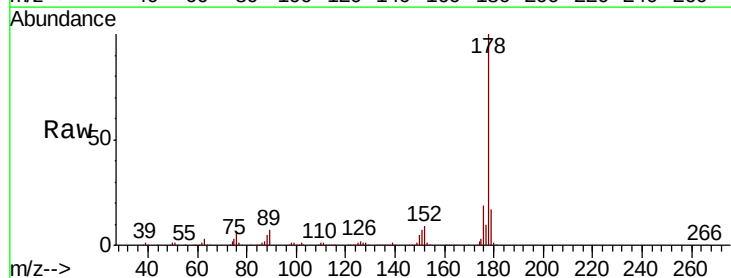
Instrument :
BNA_G
ClientSampled :

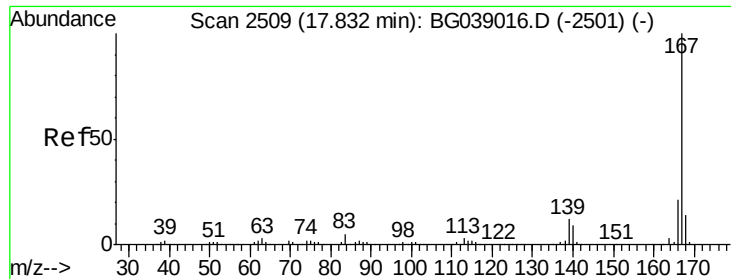
Tot Ion:178 Resp: 564594
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 16.1 12.9 19.3



#72
Anthracene
Concen: 47.848 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion:178 Resp: 562811
Ion Ratio Lower Upper
178 100
176 19.3 14.9 22.3
179 16.7 13.0 19.4

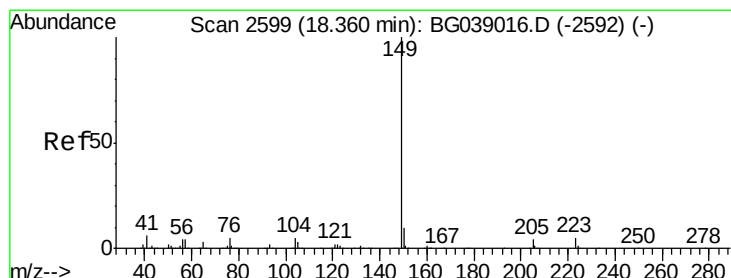
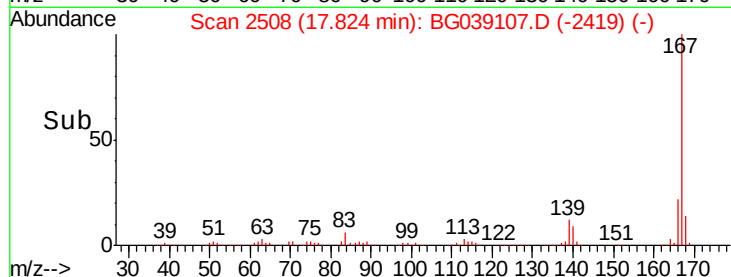
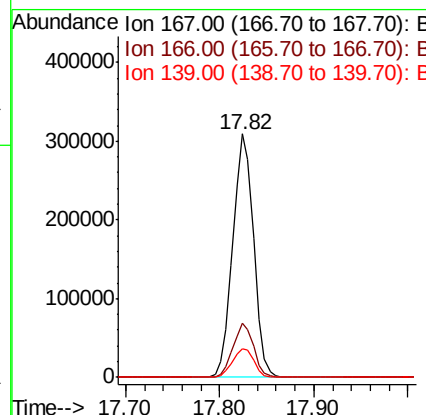
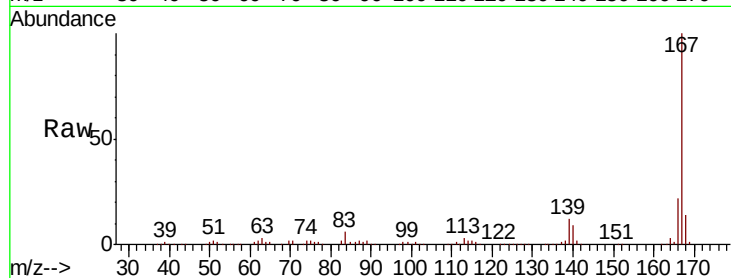




#73
 Carbazole
 Concen: 40.926 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. -0.01 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

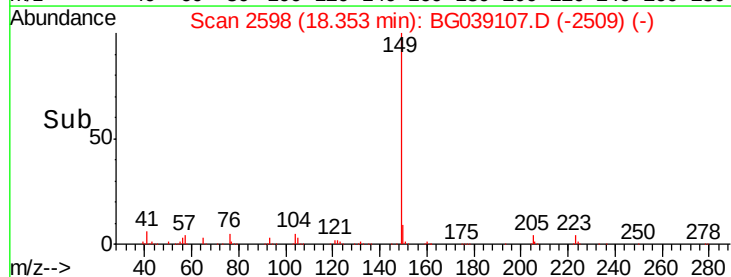
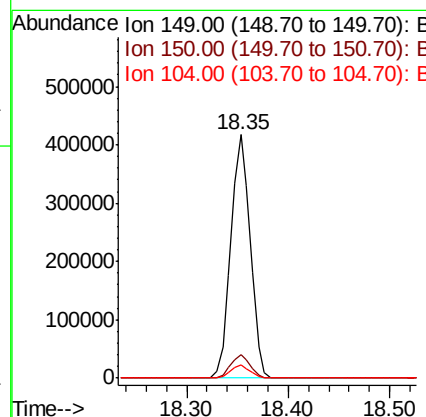
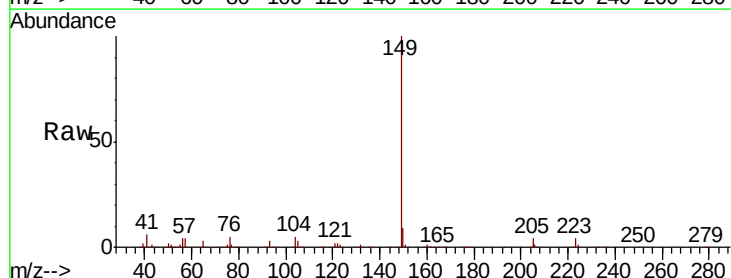
Instrument :
 BNA_G
 ClientSampleId :

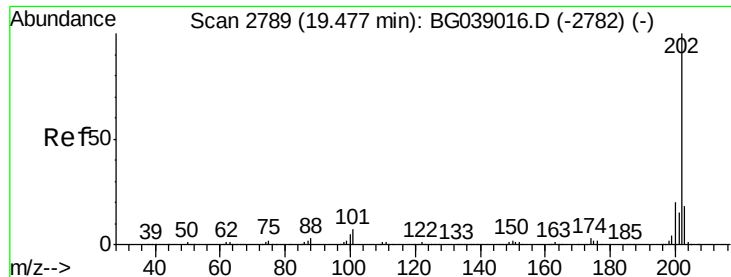
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	16.9	25.3
139	11.8	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 42.976 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.01 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	5.4	4.2	6.2

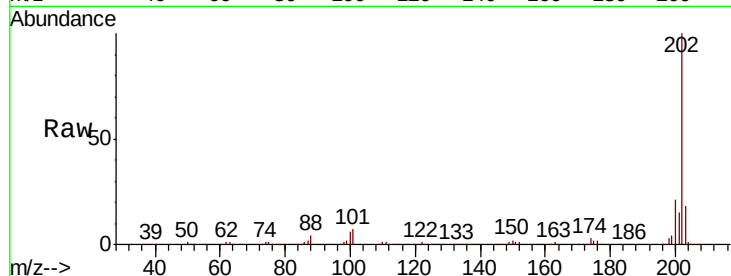




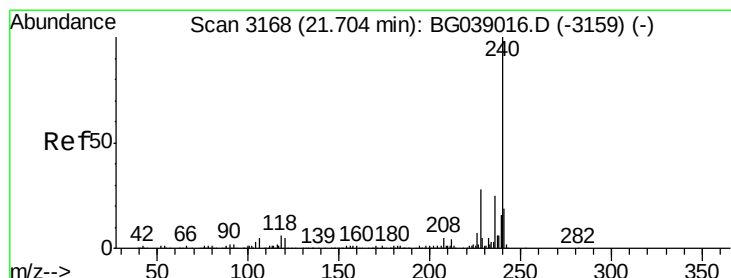
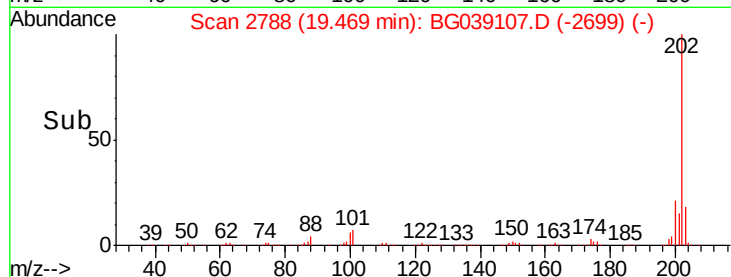
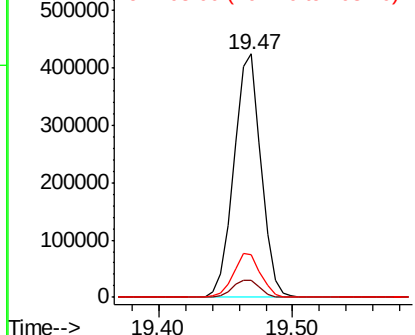
#75
 Fluoranthene
 Concen: 40.715 ng
 RT: 19.47 min Scan# 2788
 Delta R.T. -0.01 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	26.9
203	17.7	0.0	38.1

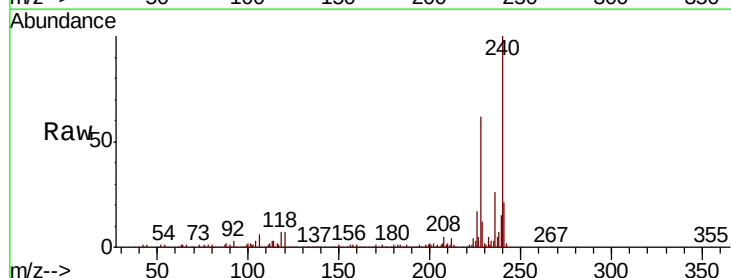


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

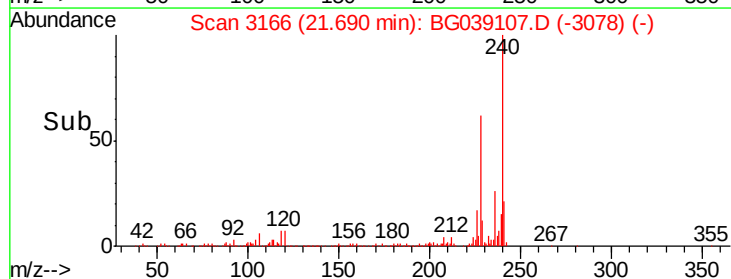
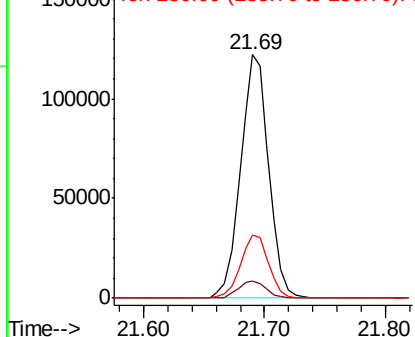


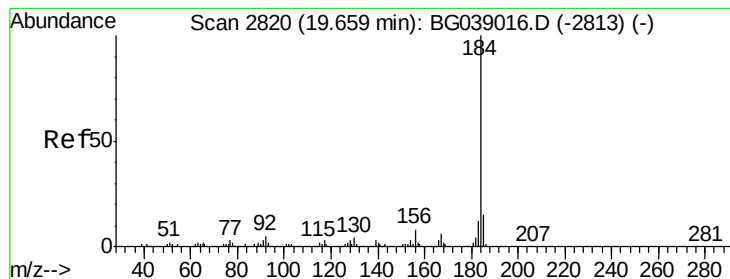
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	4.3	6.5#
236	25.9	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: 9.879 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

ClientSampleId :

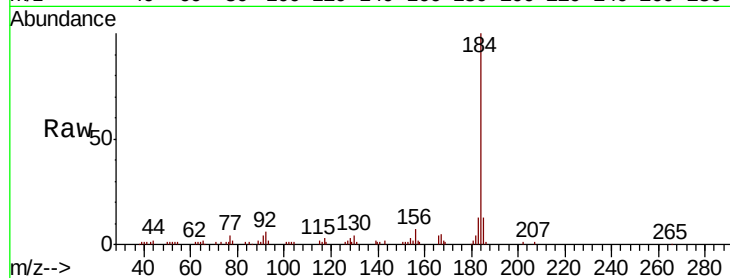
Tot Ion:184 Resp: 59400

Ion Ratio Lower Upper

184 100

185 13.5 12.1 18.1

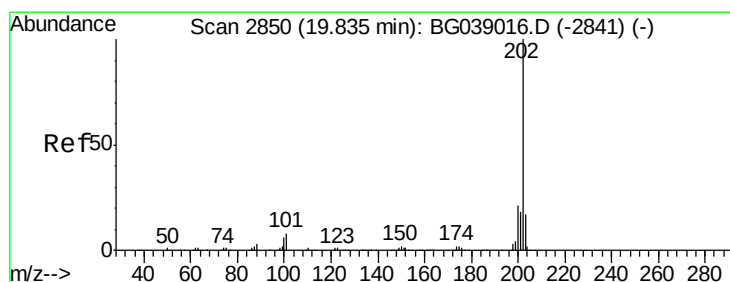
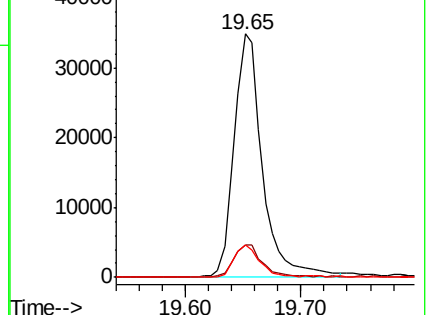
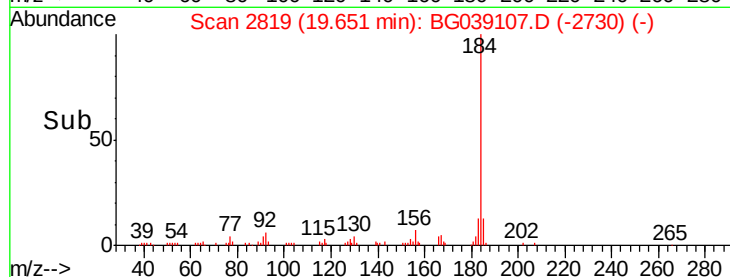
183 13.2 9.5 14.3



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: 47.988 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

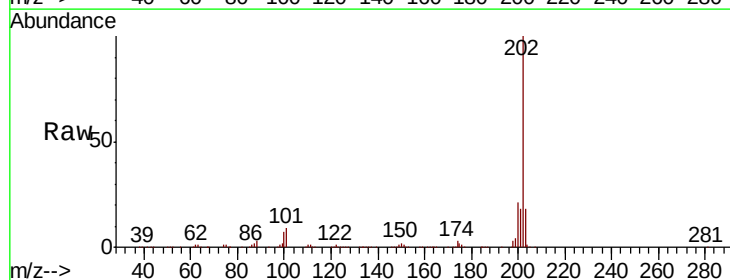
Tgt Ion:202 Resp: 601197

Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.6

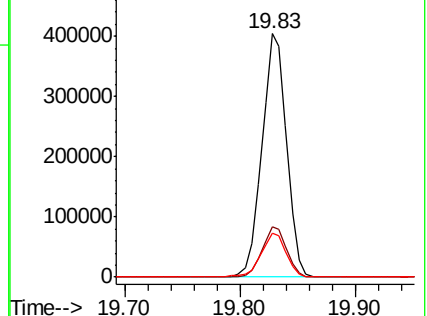
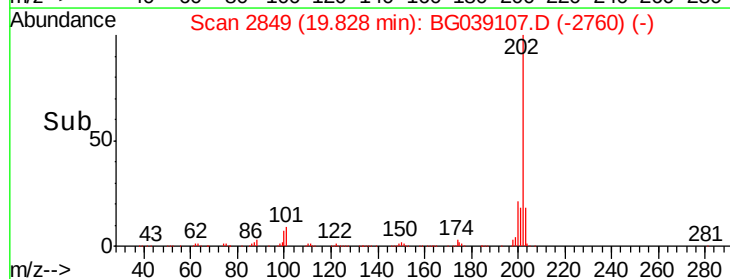
203 17.8 14.0 21.0

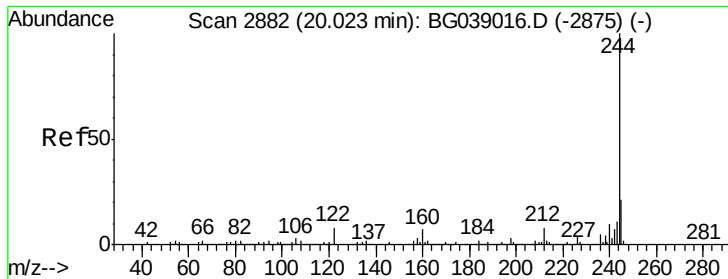


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.975 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

ClientSampleId :

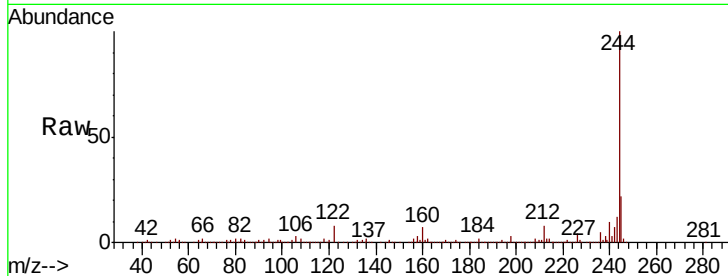
Tot Ion:244 Resp: 924265

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

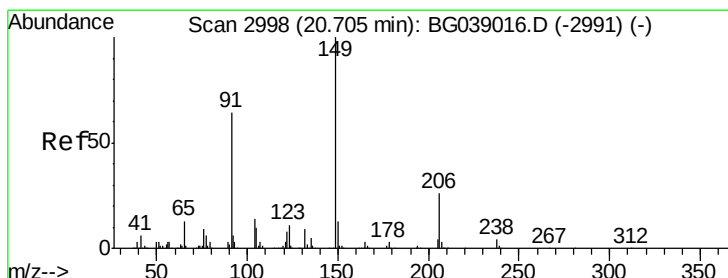
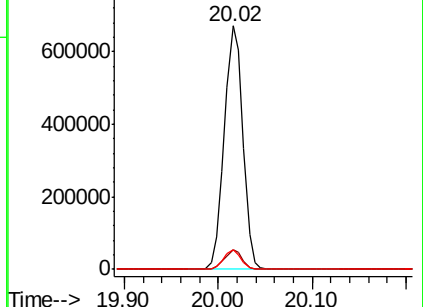
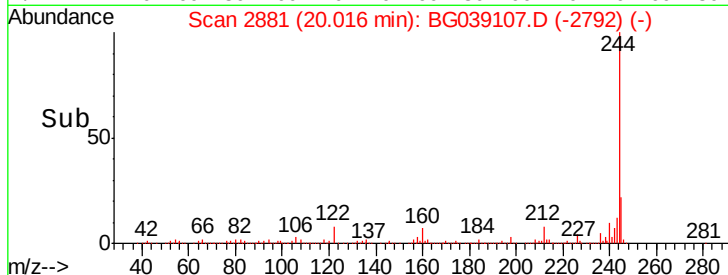
122 7.9 6.1 9.1



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: 47.886 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

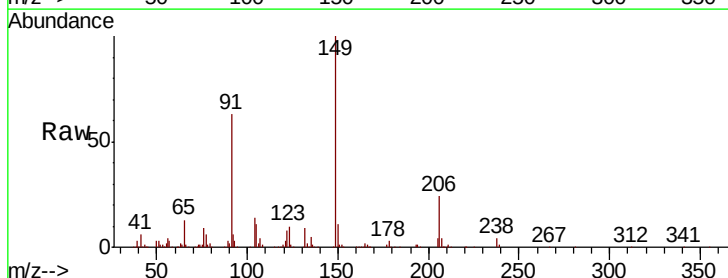
Tgt Ion:149 Resp: 228173

Ion Ratio Lower Upper

149 100

91 62.8 51.4 77.0

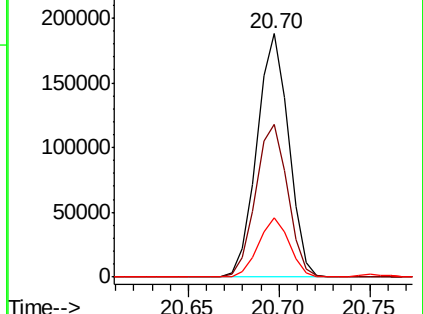
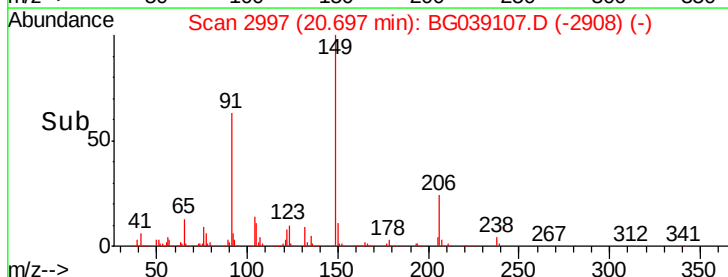
206 24.4 20.4 30.6

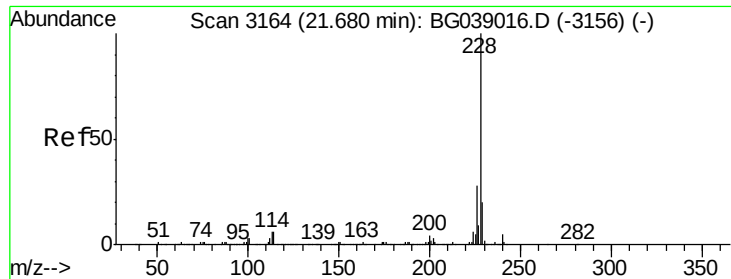


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.338 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

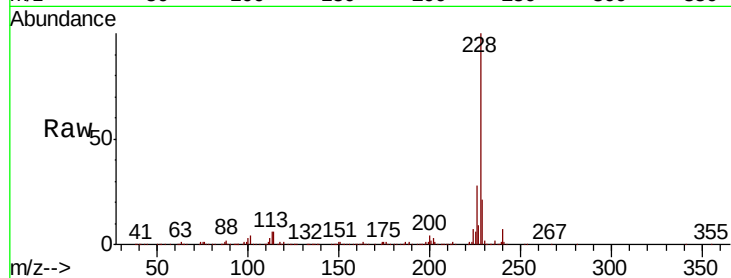
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 578467

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.4	33.6
229	20.9	16.2	24.2

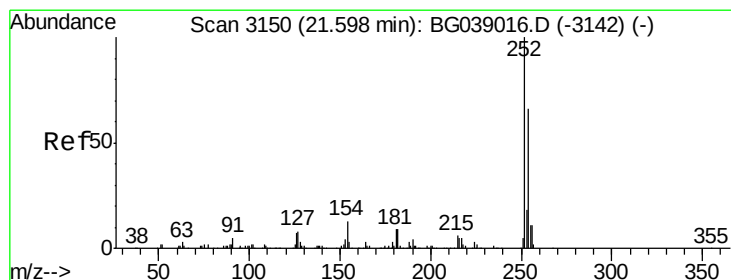
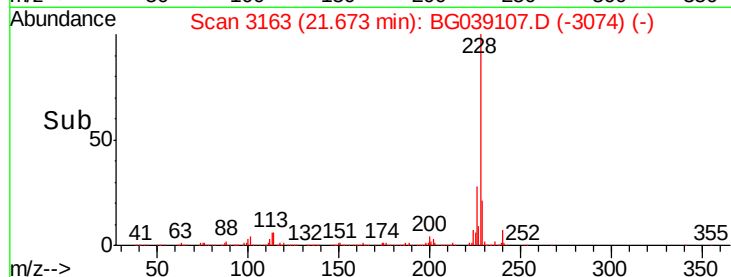
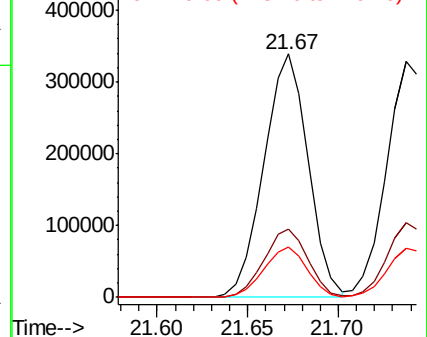


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 15.129 ng

RT: 21.58 min Scan# 3148

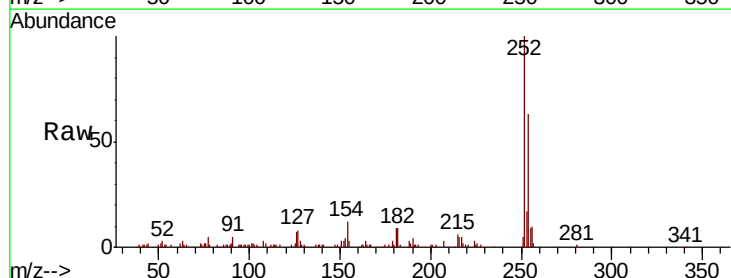
Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Tgt Ion:252 Resp: 73770

Ion	Ratio	Lower	Upper
252	100		
254	63.4	53.0	79.6
126	7.4	6.0	9.0

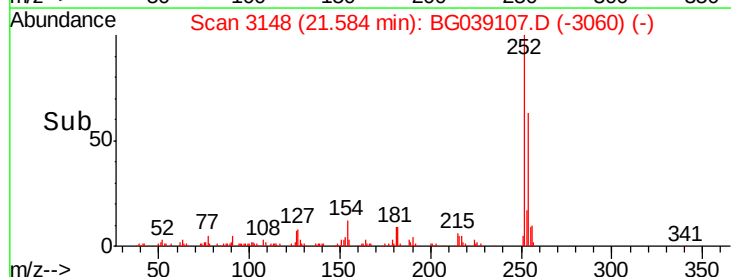
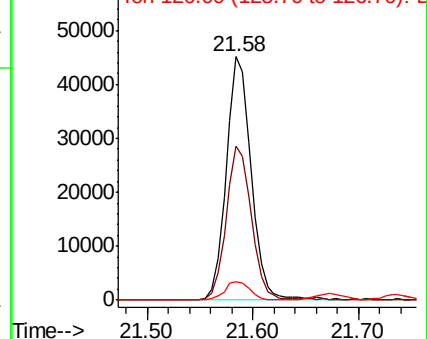


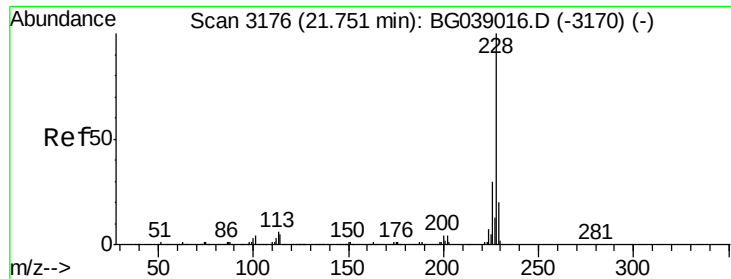
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

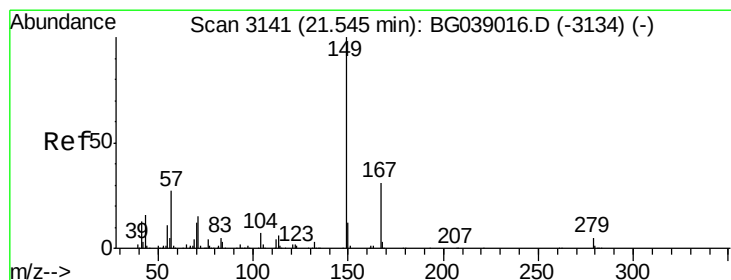
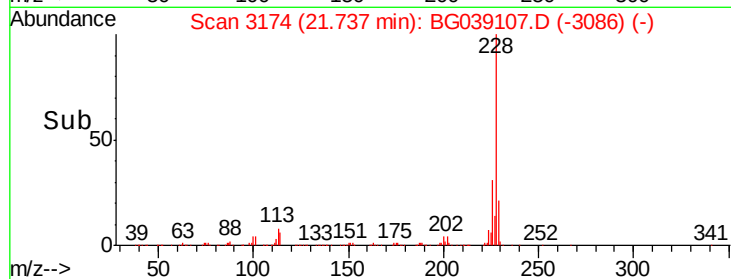
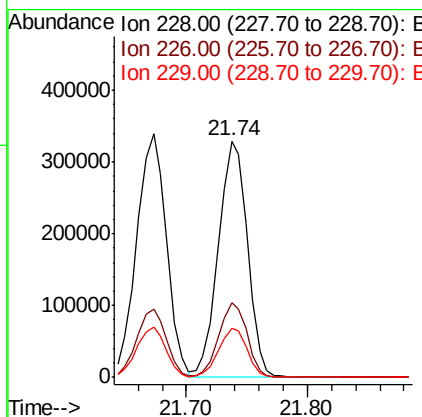
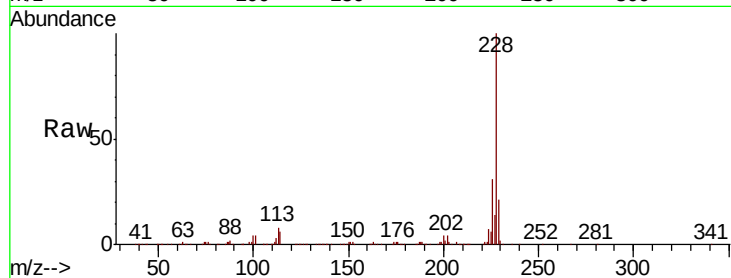




#83
 Chrysene
 Concen: 47.930 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

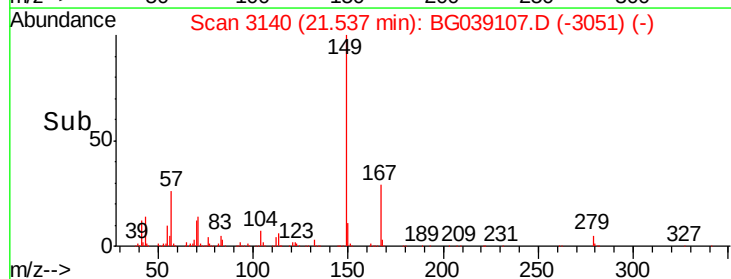
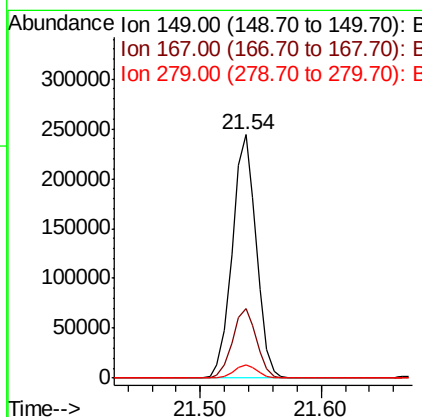
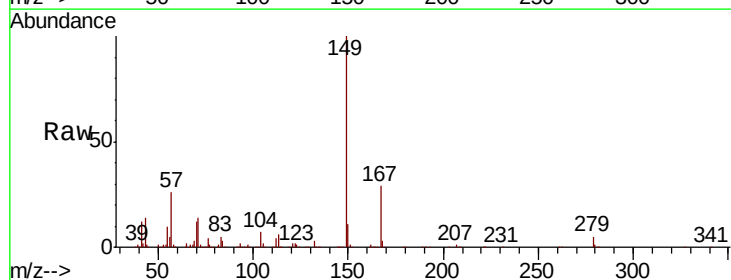
Instrument :
 BNA_G
 ClientSampled :

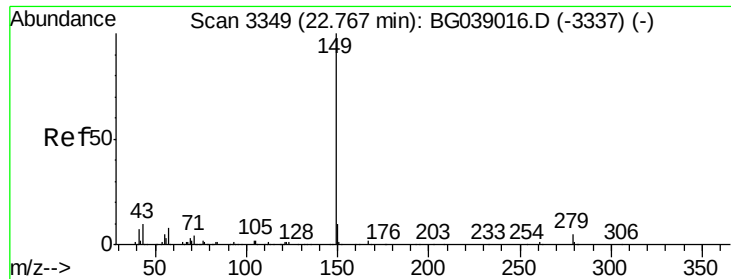
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.1	36.1
229	21.0	16.0	24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.893 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	25.0	37.4
279	5.2	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 52.627 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

ClientSampleId :

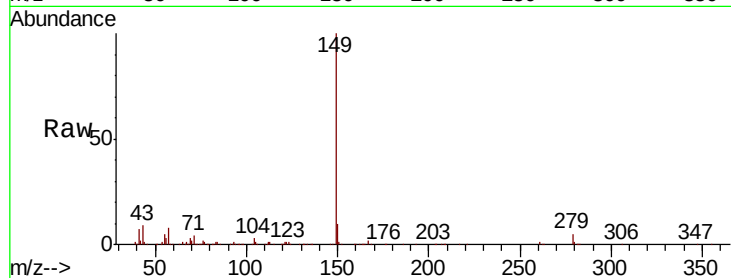
Tot Ion:149 Resp: 588750

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

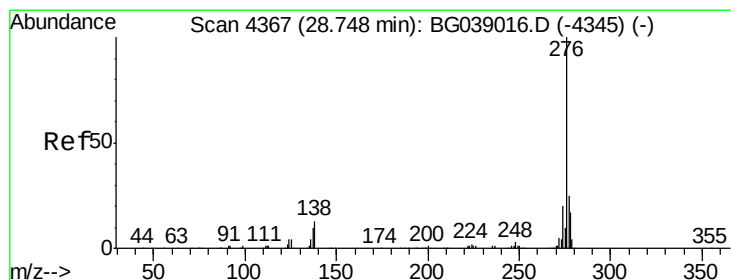
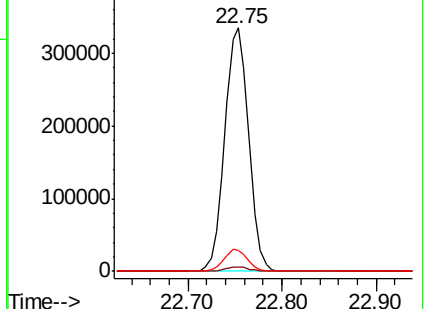
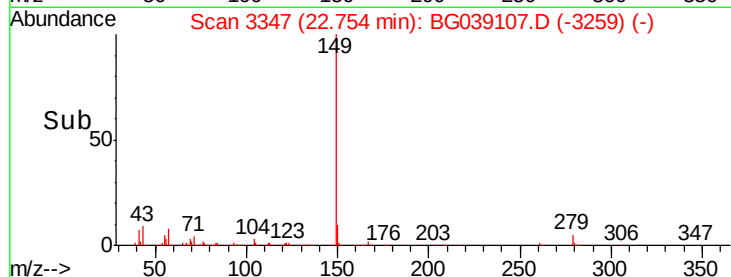
43 8.9 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.354 ng

RT: 28.72 min Scan# 4362

Delta R.T. -0.03 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

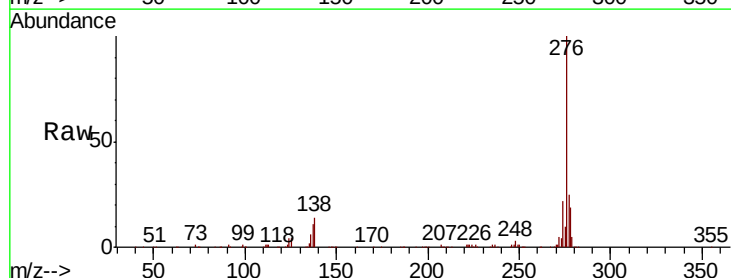
Tgt Ion:276 Resp: 684825

Ion Ratio Lower Upper

276 100

138 16.7 8.0 12.0#

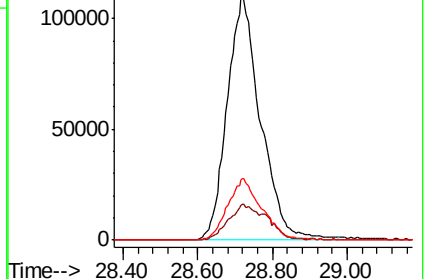
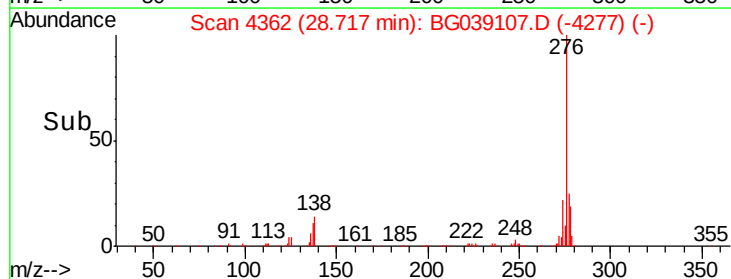
277 25.5 20.3 30.5

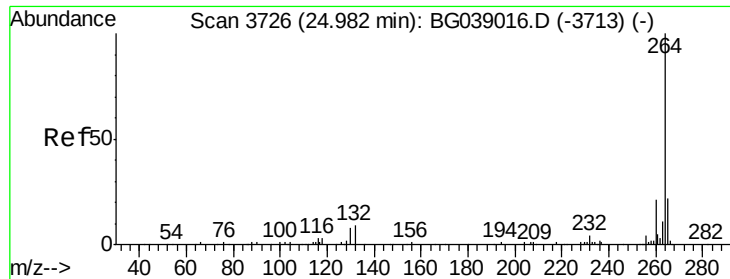


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.96 min Scan# 3723

Delta R.T. -0.02 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

ClientSampleId :

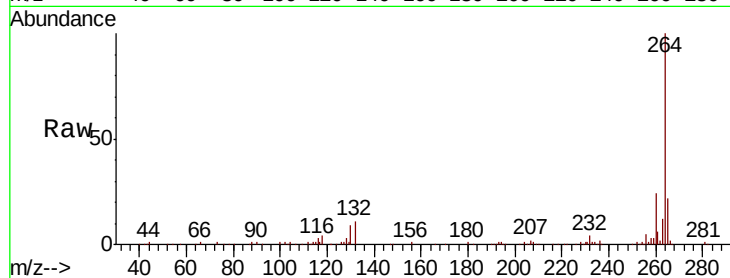
Tot Ion:264 Resp: 211432

Ion Ratio Lower Upper

264 100

260 24.1 17.0 25.6

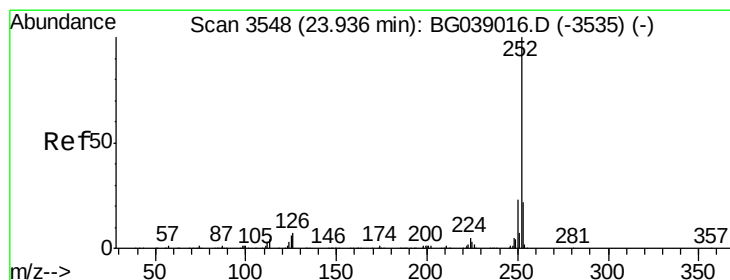
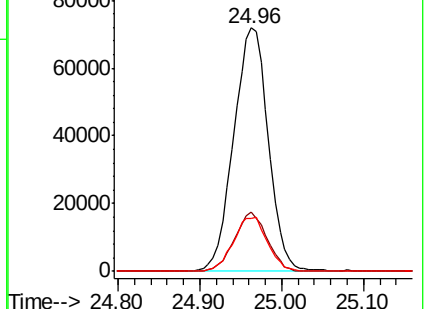
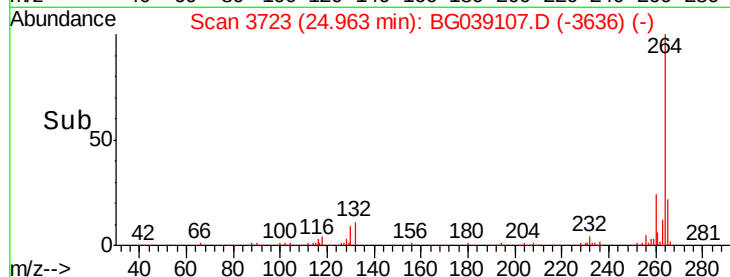
265 21.9 17.2 25.8



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: 55.223 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.02 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

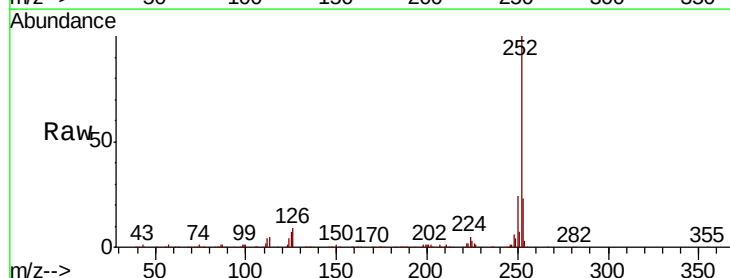
Tgt Ion:252 Resp: 643811

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

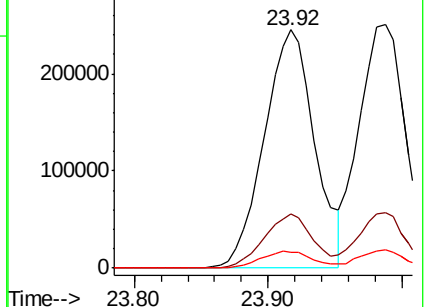
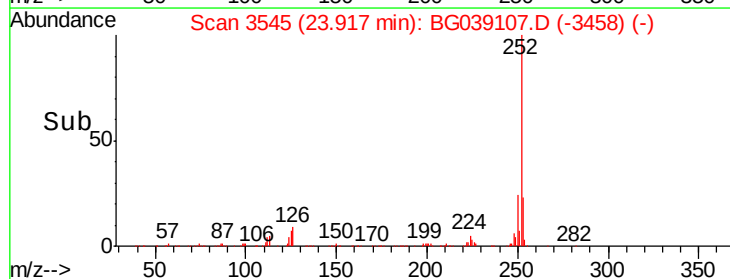
125 6.8 4.9 7.3

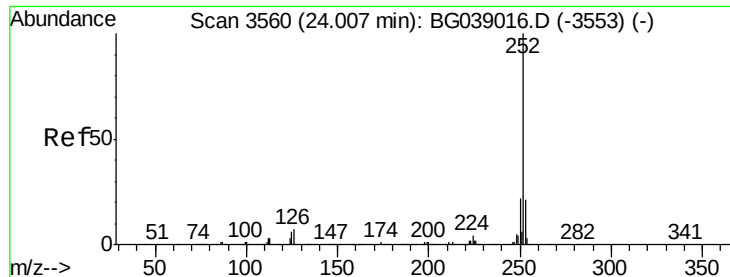


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 55.853 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.09 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

ClientSampleId :

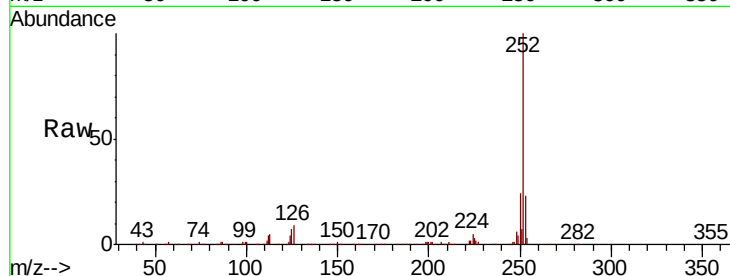
Tot Ion:252 Resp: 643811

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

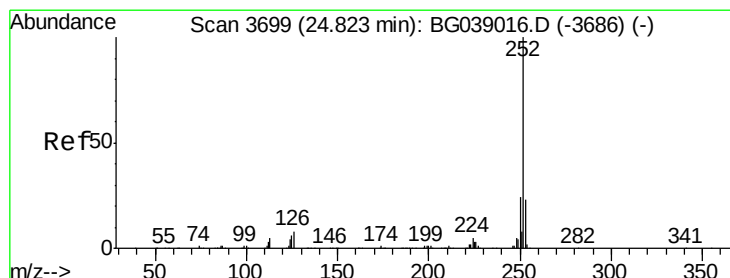
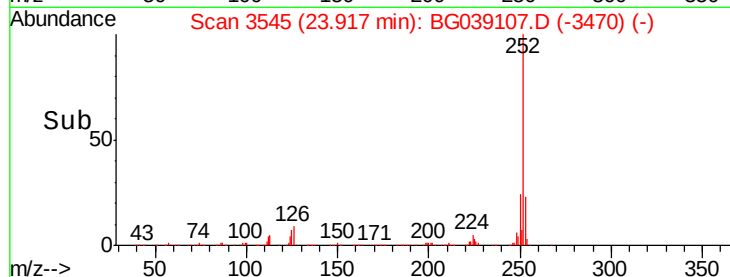
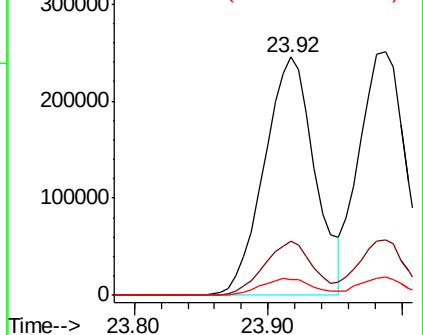
125 6.8 4.6 7.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 52.441 ng

RT: 24.80 min Scan# 3696

Delta R.T. -0.02 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

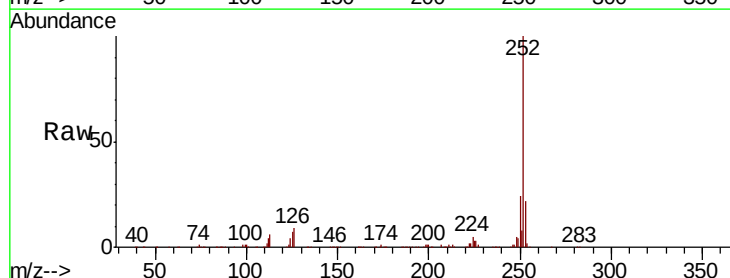
Tgt Ion:252 Resp: 590945

Ion Ratio Lower Upper

252 100

253 21.8 18.3 27.5

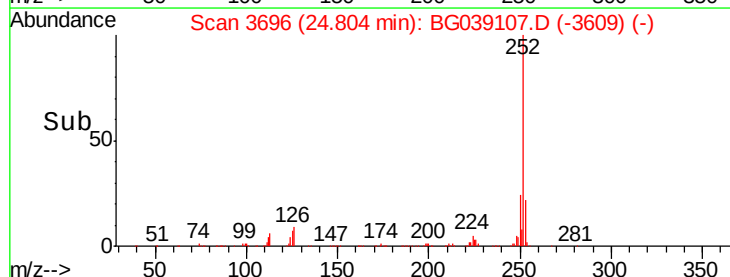
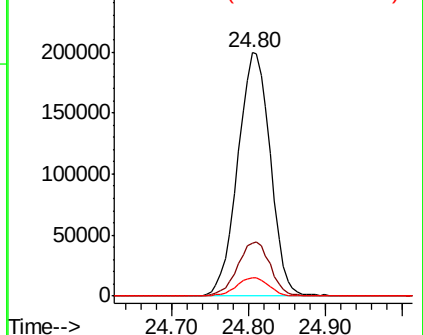
125 7.5 4.9 7.3#

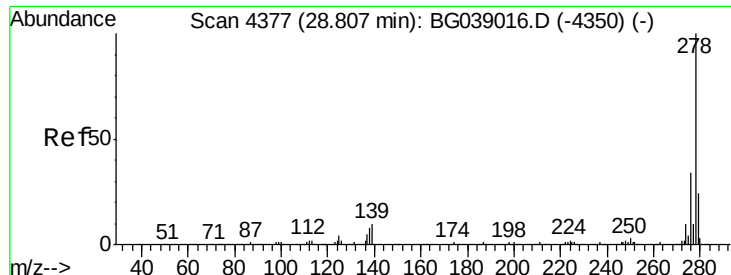


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 51.121 ng

RT: 28.78 min Scan# 4373

Delta R.T. -0.03 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

ClientSampleId :

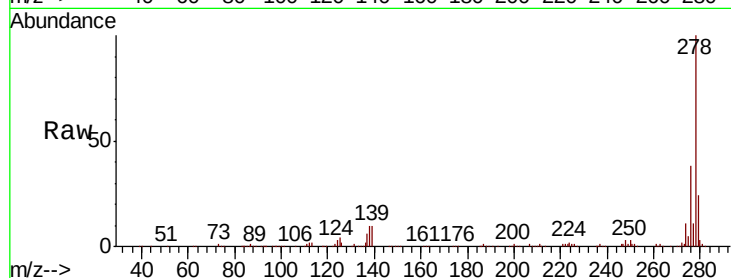
Tot Ion:278 Resp: 572991

Ion Ratio Lower Upper

278 100

139 9.9 7.9 11.9

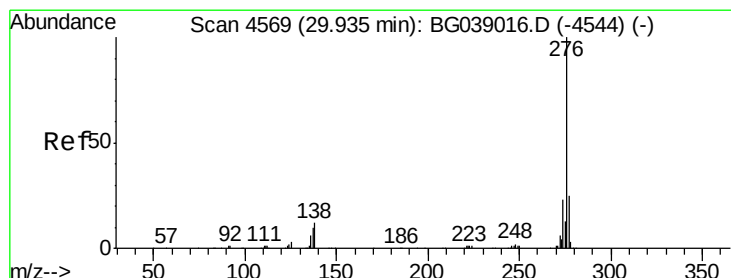
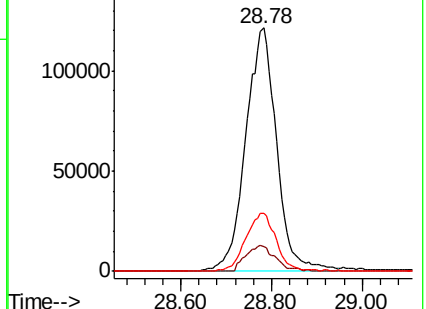
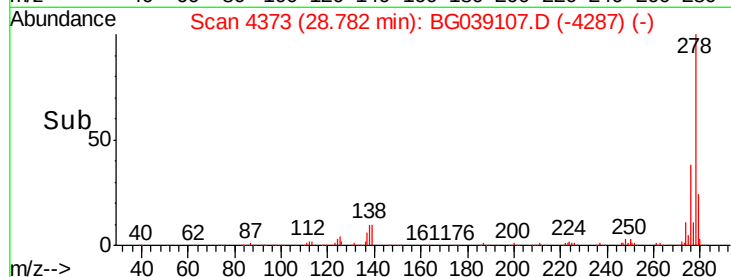
279 24.1 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.589 ng

RT: 29.90 min Scan# 4564

Delta R.T. -0.03 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

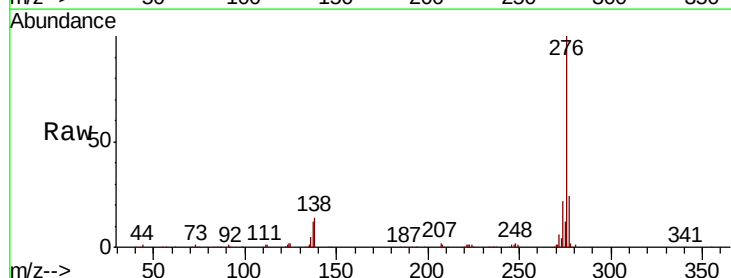
Tgt Ion:276 Resp: 550264

Ion Ratio Lower Upper

276 100

277 23.9 20.3 30.5

138 14.3 9.4 14.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

