

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039031.D
 Acq On : 9 Jan 2019 21:47
 Operator : JU/SJ
 Sample : K1082-07MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 04:22:11 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	8.03	152	22114	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	96832	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	68923	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	176516	20.00	ng	0.00
76) Chrysene-d12	21.70	240	176398	20.00	ng	0.00
87) Perylene-d12	24.98	264	196356	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	23076	19.80	ng	0.00
7) Phenol-d6	7.19	99	38348	22.86	ng	0.00
23) Nitrobenzene-d5	9.21	82	29951	16.93	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	79095	68.46	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	143377	28.47	ng	0.00
79) Terphenyl-d14	20.03	244	652131	68.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	2283	5.001	ng	# 69
3) Pyridine	3.88	79	5563	4.485	ng	# 93
4) n-Nitrosodimethylamine	3.80	42	3689	6.609	ng	# 78
6) Aniline	7.36	93	13471	6.686	ng	98
8) 2-Chlorophenol	7.59	128	9578	6.970	ng	86
9) Benzaldehyde	7.18	77	2434	2.516	ng	# 79
10) Phenol	7.22	94	13316	7.917	ng	99
11) bis(2-Chloroethyl)ether	7.45	93	9318	7.248	ng	88
12) 1,3-Dichlorobenzene	7.92	146	9708	5.896	ng	98
13) 1,4-Dichlorobenzene	8.06	146	10128	6.074	ng	98
14) 1,2-Dichlorobenzene	8.38	146	10069	6.333	ng	96
15) Benzyl Alcohol	8.27	79	11244	8.900	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.55	45	19952	8.094	ng	95
17) 2-Methylphenol	8.47	107	10984	9.405	ng	89
18) Hexachloroethane	9.10	117	3244	5.727	ng	# 84
19) n-Nitroso-di-n-propylamine	8.83	70	13333	12.102	ng	95
20) 3+4-Methylphenols	8.80	107	17739	10.653	ng	90
22) Acetophenone	8.86	105	22365	8.844	ng	# 99
24) Nitrobenzene	9.25	77	14536	8.127	ng	# 97
25) Isophorone	9.76	82	43348	14.221	ng	98
26) 2-Nitrophenol	9.97	139	8375	8.657	ng	# 89
27) 2,4-Dimethylphenol	10.01	122	18508	13.598	ng	87
28) bis(2-Chloroethoxy)methane	10.24	93	22246	12.143	ng	100
29) 2,4-Dichlorophenol	10.50	162	18488	10.933	ng	97
30) 1,2,4-Trichlorobenzene	10.70	180	13482	6.636	ng	96
31) Naphthalene	10.90	128	46411	9.556	ng	99
32) Benzoic acid	10.18	122	640	10.062	ng	# 57
33) 4-Chloroaniline	11.02	127	26264	12.086	ng	97
34) Hexachlorobutadiene	11.16	225	9283	6.640	ng	93
35) Caprolactam	11.79	113	12789	18.861	ng	90
36) 4-Chloro-3-methylphenol	12.13	107	31454	17.392	ng	88
37) 2-Methylnaphthalene	12.50	142	48109	13.213	ng	96
38) 1-Methylnaphthalene	12.72	142	48441	13.860	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	30312	11.710	ng	99

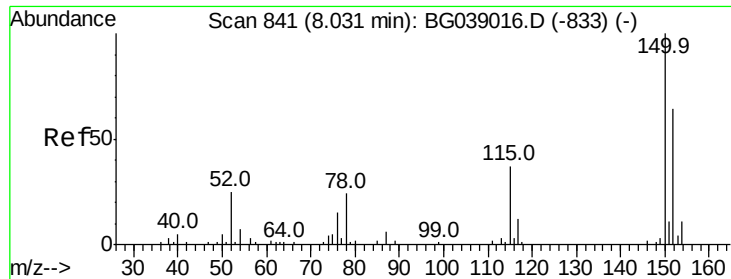
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039031.D
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 Operator : JU/SJ
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 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	18183	17.313	ng	97
43) 2,4,6-Trichlorophenol	13.10	196	26544	16.294	ng	95
44) 2,4,5-Trichlorophenol	13.19	196	32210	18.707	ng	99
46) 1,1'-Biphenyl	13.50	154	78596	14.391	ng	99
47) 2-Chloronaphthalene	13.55	162	61947	14.017	ng	97
48) 2-Nitroaniline	13.77	65	23837	19.253	ng	98
49) Acenaphthylene	14.40	152	120007	18.066	ng	96
50) Dimethylphthalate	14.12	163	173057	29.713	ng	99
51) 2,6-Dinitrotoluene	14.25	165	26941	20.689	ng	94
52) Acenaphthene	14.74	154	69714	17.467	ng	98
53) 3-Nitroaniline	14.59	138	25364	19.201	ng	97
54) 2,4-Dinitrophenol	14.80	184	24845	35.151	ng	95
55) Dibenzofuran	15.07	168	129539	18.378	ng	99
56) 4-Nitrophenol	14.90	139	54194	57.018	ng	98
57) 2,4-Dinitrotoluene	15.04	165	43811	23.451	ng	95
58) Fluorene	15.72	166	111688	21.050	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	36989	22.757	ng	# 100
60) Diethylphthalate	15.47	149	134524	22.418	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	61576	18.421	ng	97
62) 4-Nitroaniline	15.75	138	35937	26.115	ng	93
63) Azobenzene	16.00	77	92872	19.790	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	28806	22.027	ng	98
66) n-Nitrosodiphenylamine	15.92	169	112799	21.556	ng	96
67) 4-Bromophenyl-phenylether	16.60	248	46560	20.520	ng	98
68) Hexachlorobenzene	16.72	284	52681	21.277	ng	94
69) Atrazine	16.86	200	53715	24.163	ng	97
70) Pentachlorophenol	17.07	266	64918	45.160	ng	100
71) Phenanthrene	17.46	178	246252	26.393	ng	99
72) Anthracene	17.56	178	253451	27.474	ng	99
73) Carbazole	17.83	167	263839	28.972	ng	99
74) Di-n-butylphthalate	18.36	149	310704	30.669	ng	99
75) Fluoranthene	19.47	202	419096	36.234	ng	99
77) Benzidine	19.66	184	194241	36.002	ng	100
78) Pyrene	19.84	202	423918	37.710	ng	99
80) Butylbenzylphthalate	20.70	149	169471	39.637	ng	99
81) Benzo(a)anthracene	21.68	228	451833	42.077	ng	100
82) 3,3'-Dichlorobenzidine	21.59	252	147465	33.704	ng	99
83) Chrysene	21.75	228	414654	40.601	ng	100
84) Bis(2-ethylhexyl)phthalate	21.55	149	239717	40.379	ng	97
85) Di-n-octyl phthalate	22.77	149	422297	42.068	ng	100
86) Indeno(1,2,3-cd)pyrene	28.75	276	552398	45.265	ng	# 96
88) Benzo(b)fluoranthene	23.93	252	475064	43.878	ng	99
89) Benzo(k)fluoranthene	24.00	252	444827	41.553	ng	98
90) Benzo(a)pyrene	24.83	252	457264	43.694	ng	99
91) Dibenzo(a,h)anthracene	28.81	278	458572	44.054	ng	99
92) Benzo(g,h,i)perylene	29.93	276	455004	44.153	ng	96

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

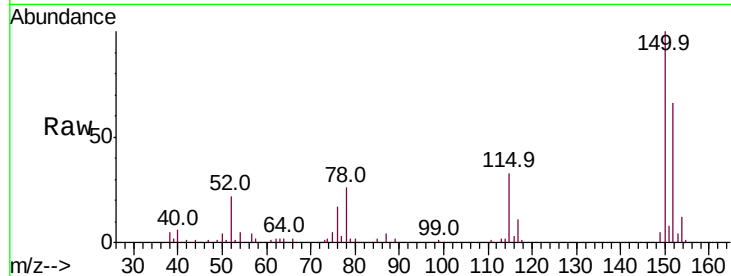


#1

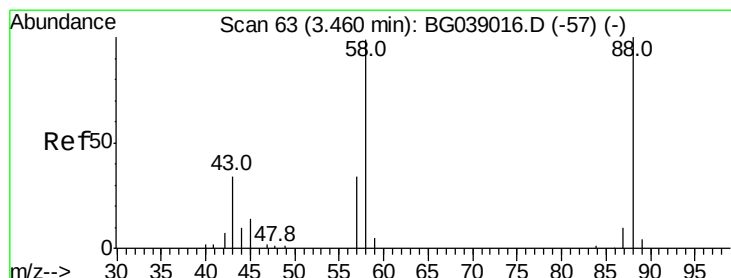
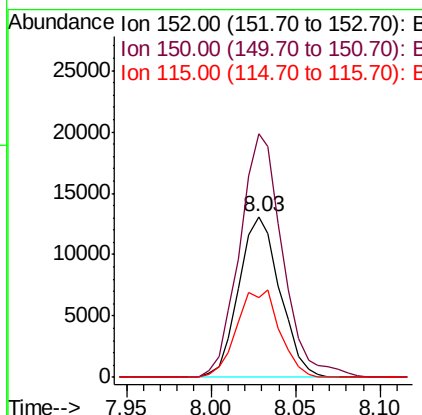
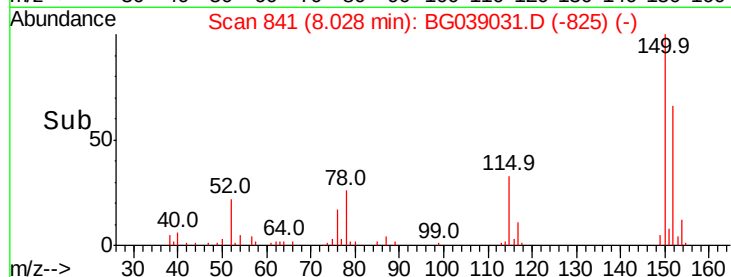
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 22114
Ion Ratio Lower Upper
152 100
150 151.7 124.7 187.1
115 49.6 46.5 69.7



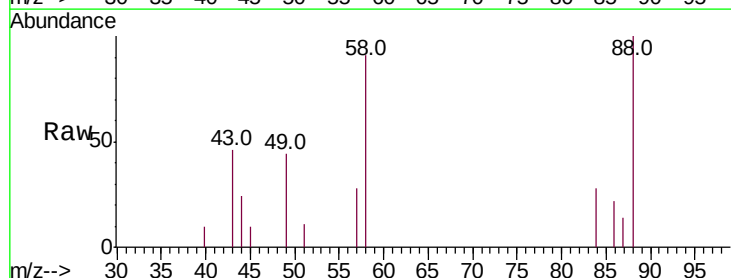
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



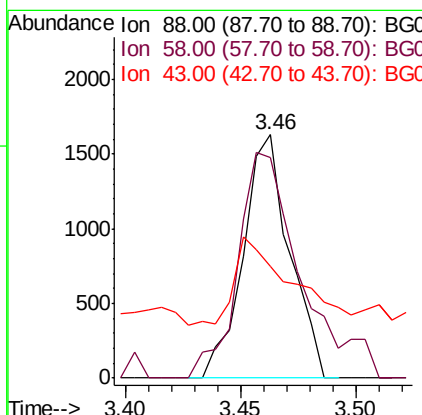
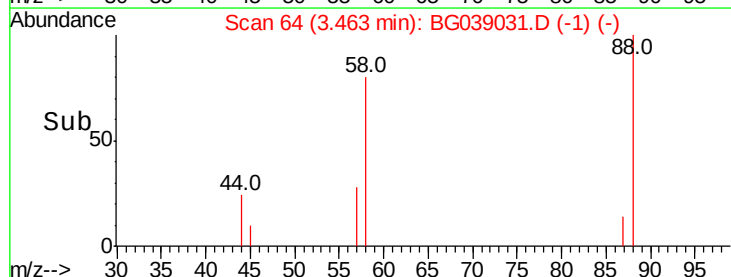
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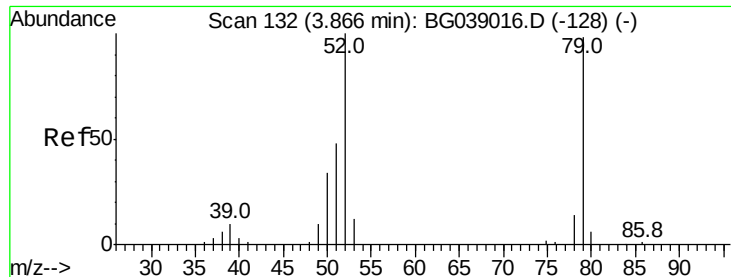
1,4-Dioxane
Concen: 5.001 ng
RT: 3.46 min Scan# 64
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion: 88 Resp: 2283
Ion Ratio Lower Upper
88 100
58 125.9 72.4 108.6#
43 42.3 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: 4.485 ng

RT: 3.88 min Scan# 135

Delta R.T. 0.01 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

ClientSampleId :

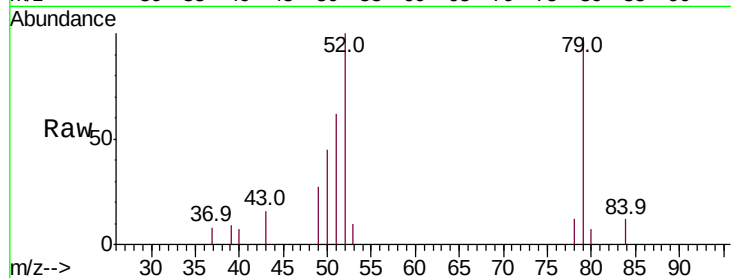
Tot Ion: 79 Resp: 5563

Ion Ratio Lower Upper

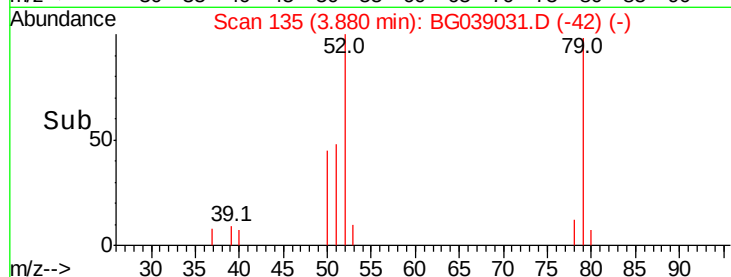
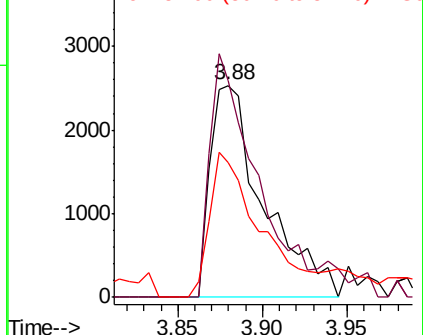
79 100

52 102.4 81.5 122.3

51 63.5 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: 6.609 ng

RT: 3.80 min Scan# 121

Delta R.T. 0.01 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

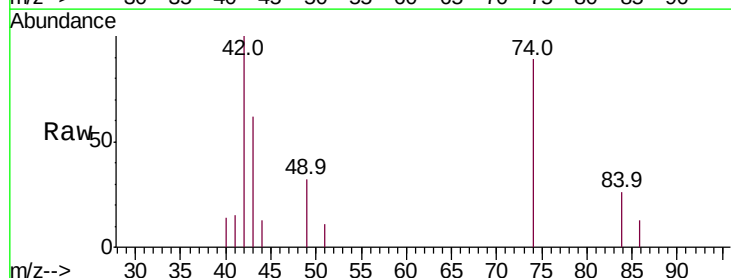
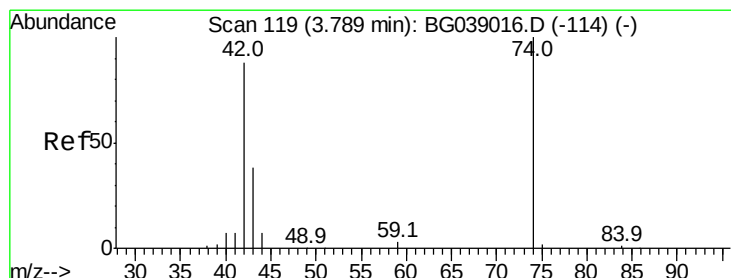
Tgt Ion: 42 Resp: 3689

Ion Ratio Lower Upper

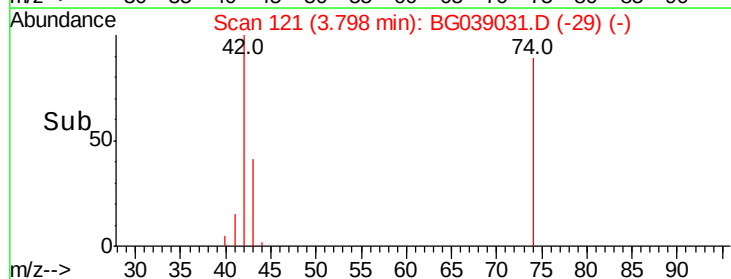
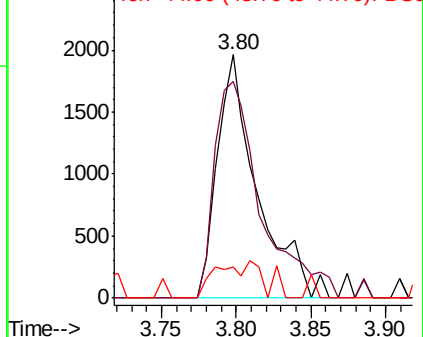
42 100

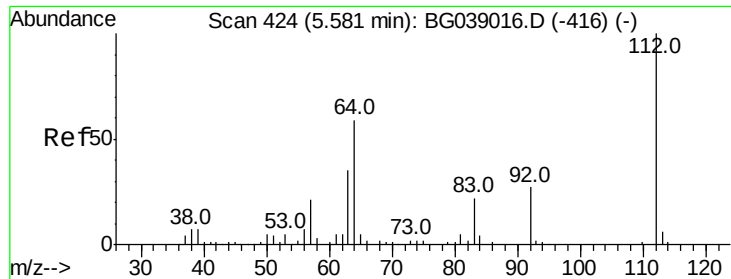
74 89.1 90.7 136.1#

44 12.5 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: 19.795 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

ClientSampled :

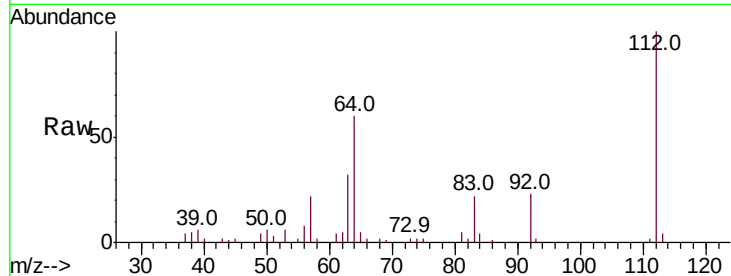
Tot Ion:112 Resp: 23076

Ion Ratio Lower Upper

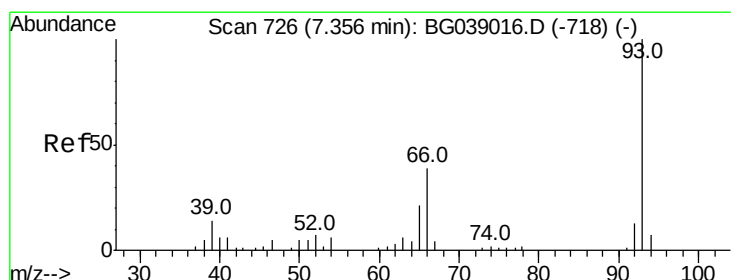
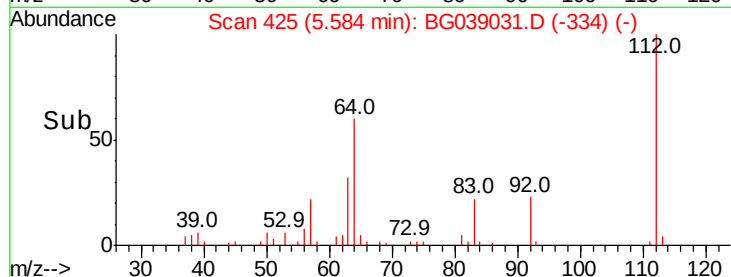
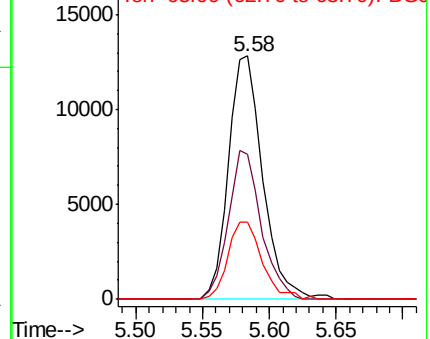
112 100

64 59.5 47.0 70.6

63 31.8 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: 6.686 ng

RT: 7.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

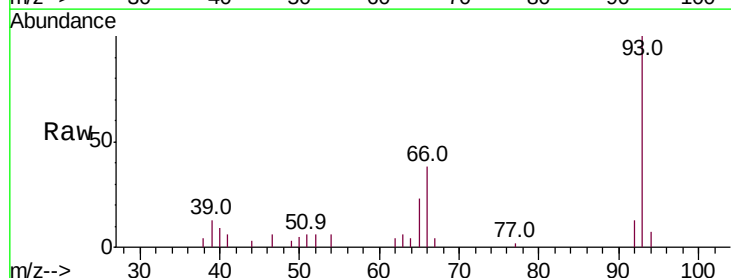
Tgt Ion: 93 Resp: 13471

Ion Ratio Lower Upper

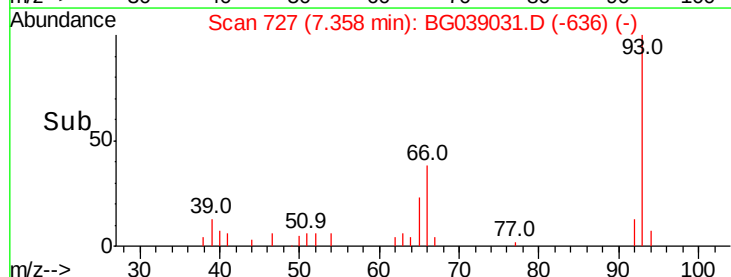
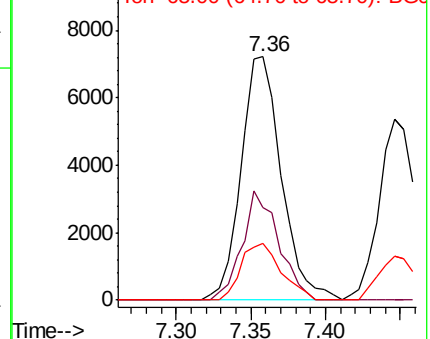
93 100

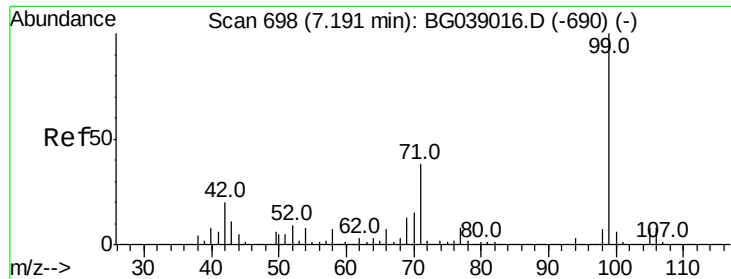
66 38.0 30.9 46.3

65 23.1 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: 22.858 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

ClientSampleId :

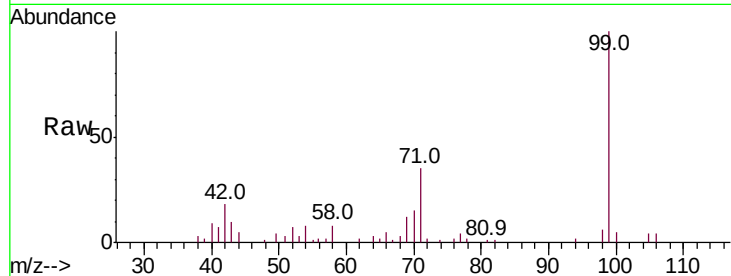
Tot Ion: 99 Resp: 38348

Ion Ratio Lower Upper

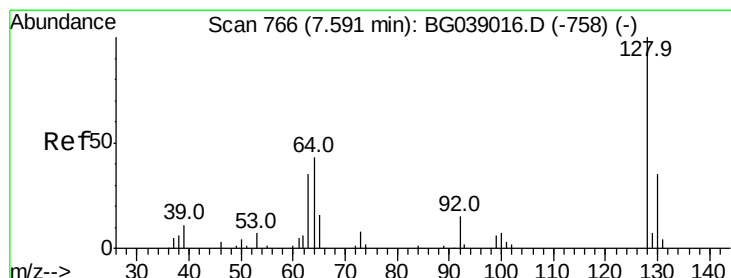
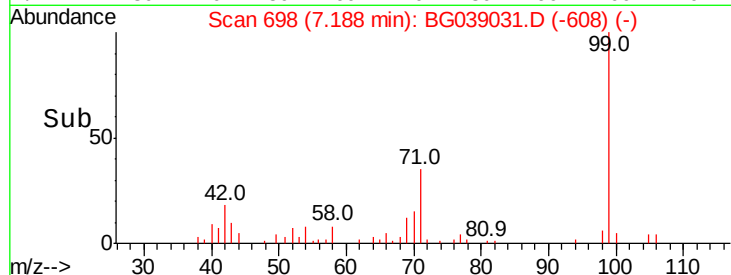
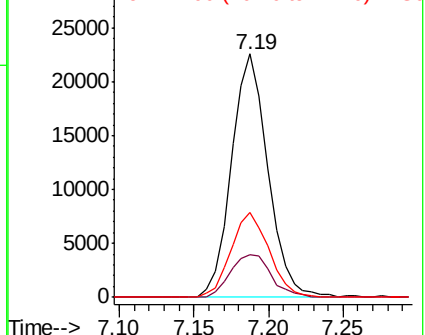
99 100

42 17.5 15.8 23.6

71 34.9 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: 6.970 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

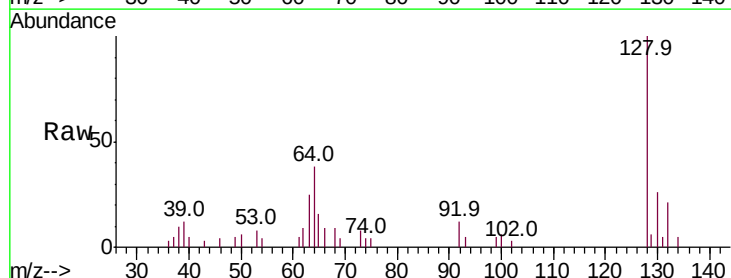
Tgt Ion: 128 Resp: 9578

Ion Ratio Lower Upper

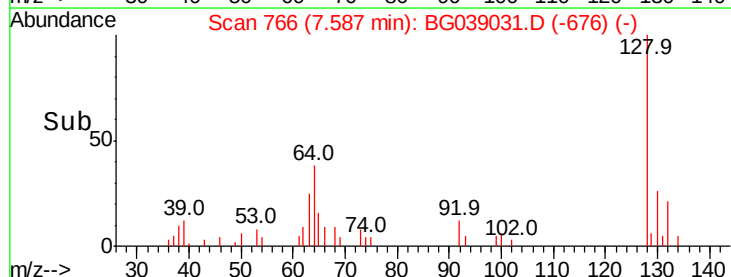
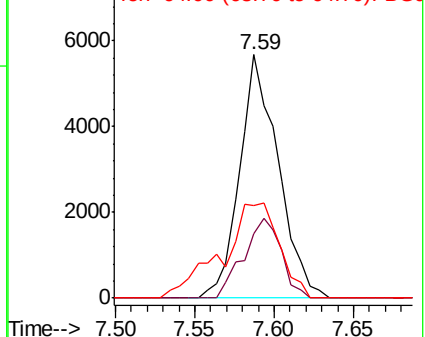
128 100

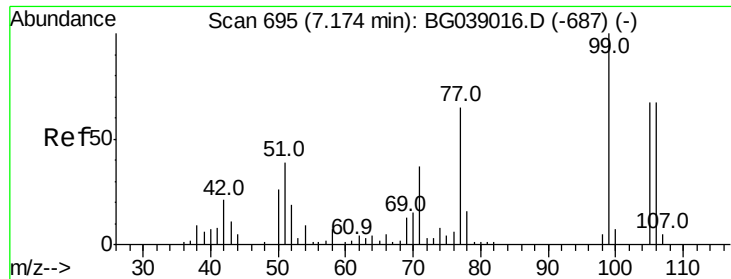
130 26.5 14.5 54.5

64 37.9 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: 2.516 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

ClientSampled :

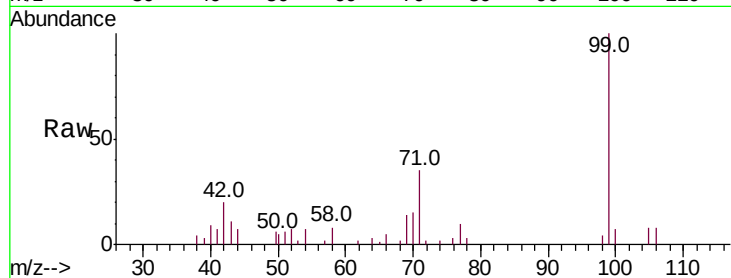
Tot Ion: 77 Resp: 2434

Ion Ratio Lower Upper

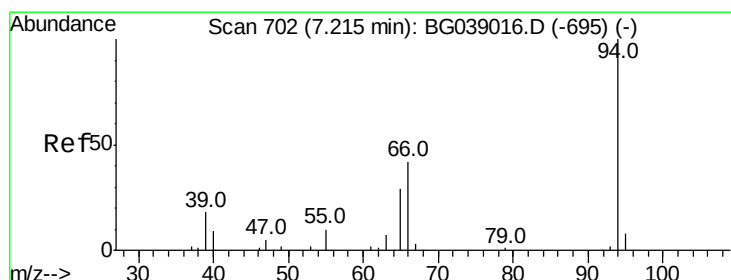
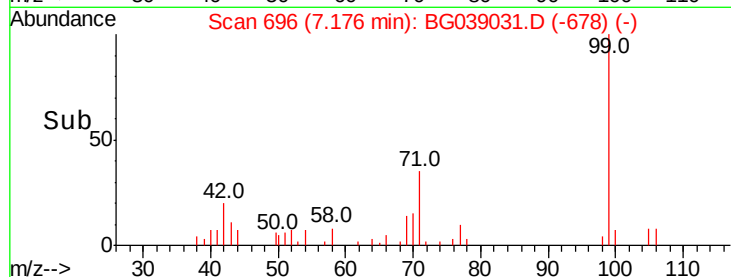
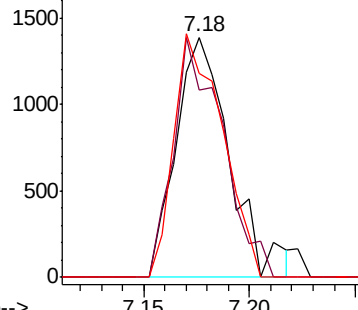
77 100

105 77.9 82.4 122.4#

106 84.8 82.8 122.8



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 7.917 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

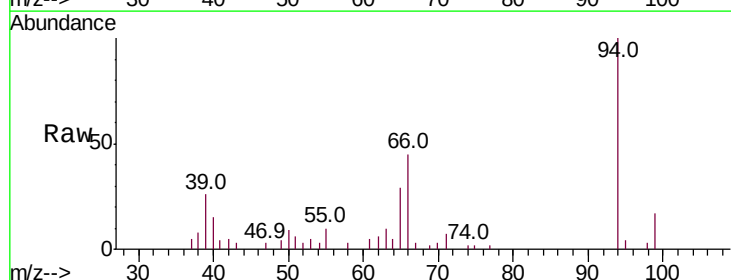
Tgt Ion: 94 Resp: 13316

Ion Ratio Lower Upper

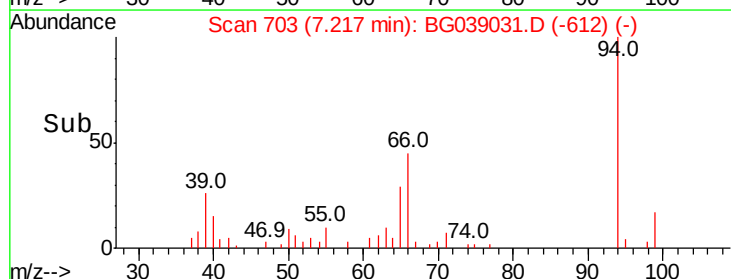
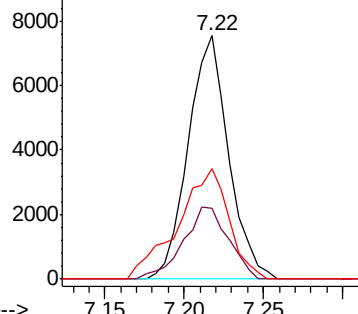
94 100

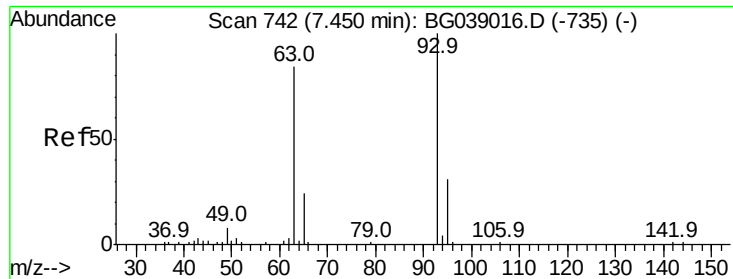
65 29.3 10.3 50.3

66 45.3 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

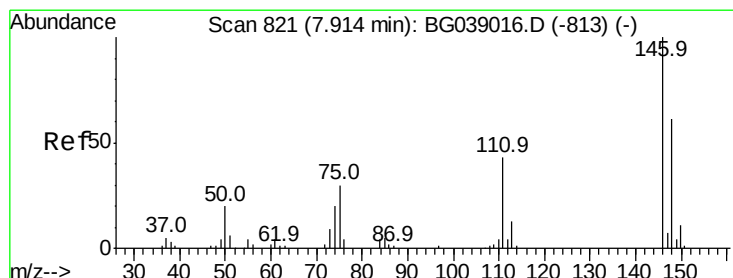
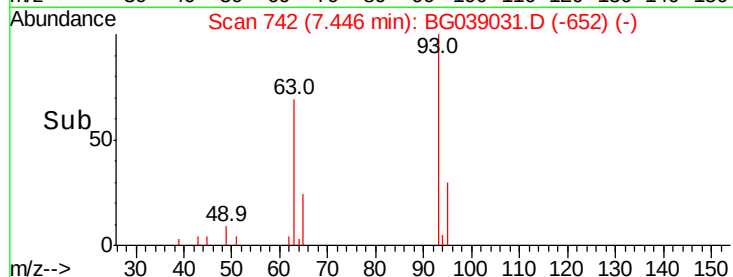
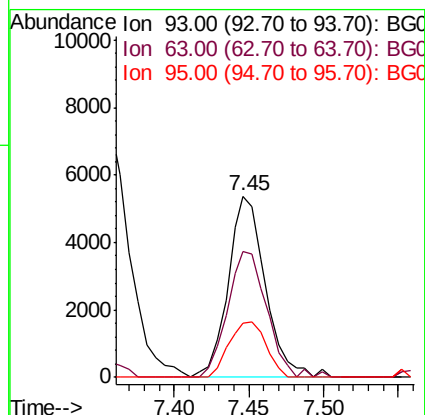
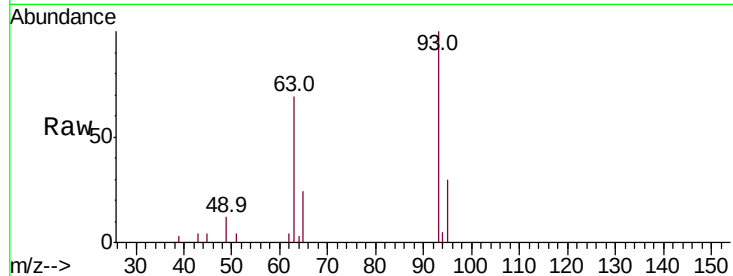




#11
bis(2-Chloroethyl)ether
Concen: 7.248 ng
RT: 7.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

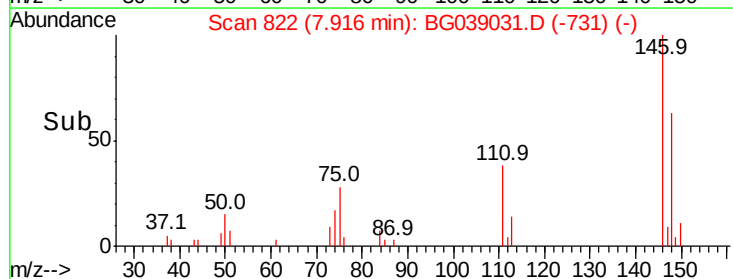
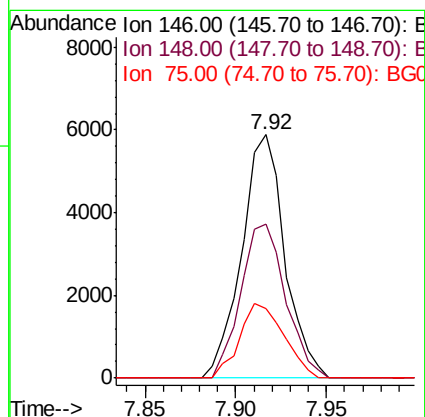
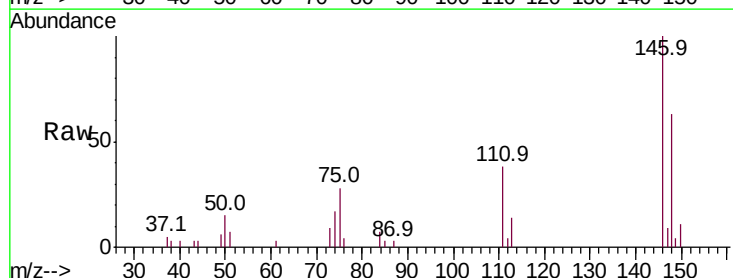
Instrument :
BNA_G
ClientSampleId :

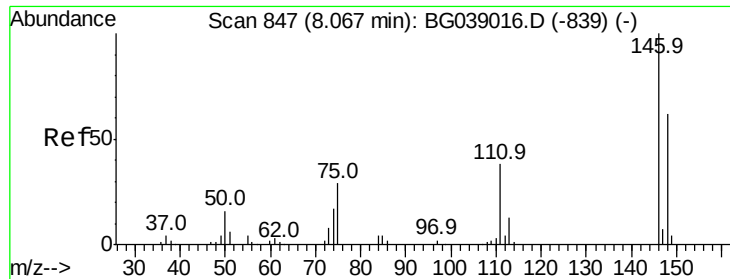
Tot Ion: 93 Resp: 9318
Ion Ratio Lower Upper
93 100
63 69.2 63.2 103.2
95 30.2 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 5.896 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion: 146 Resp: 9708
Ion Ratio Lower Upper
146 100
148 63.1 49.1 73.7
75 28.4 23.9 35.9

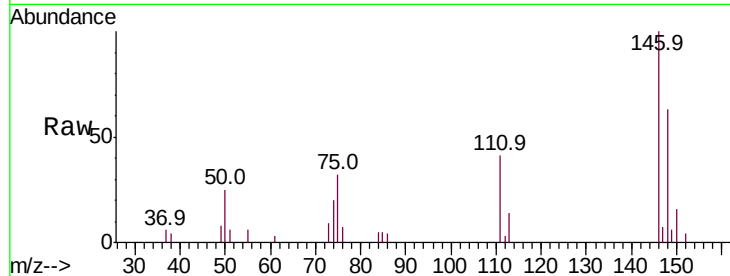




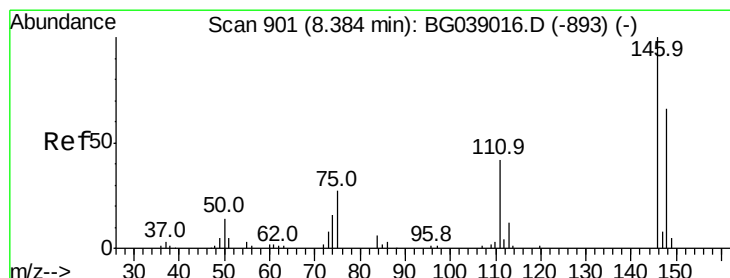
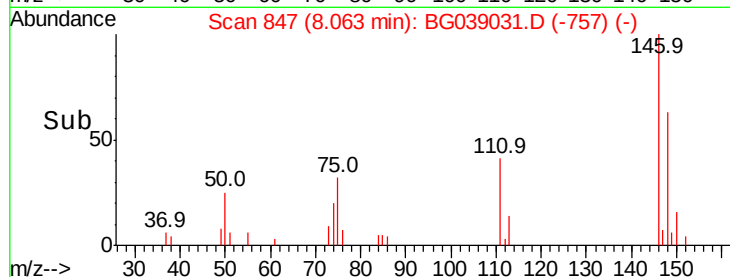
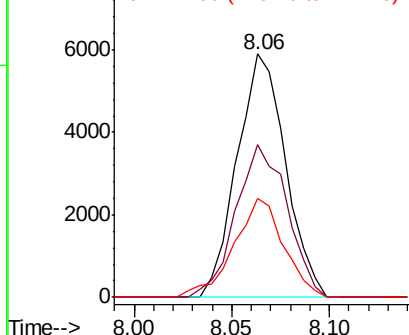
#13
 1,4-Dichlorobenzene
 Concen: 6.074 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 10128
 Ion Ratio Lower Upper
 146 100
 148 62.9 49.8 74.6
 111 40.5 30.6 45.8

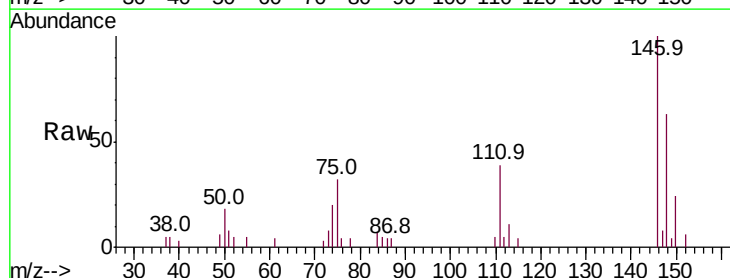


Abundance Ion 146.00 (145.70 to 146.70): E
 8000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

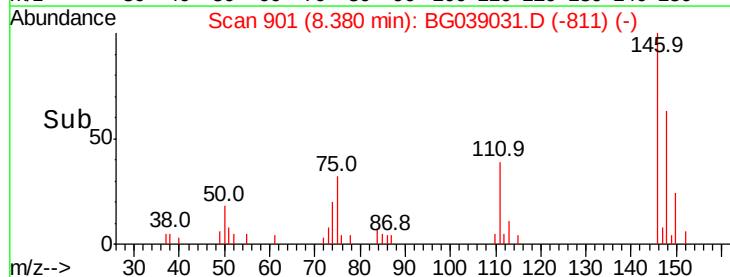
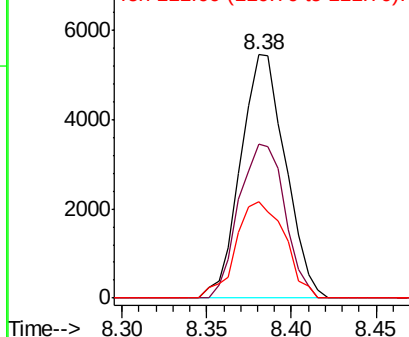


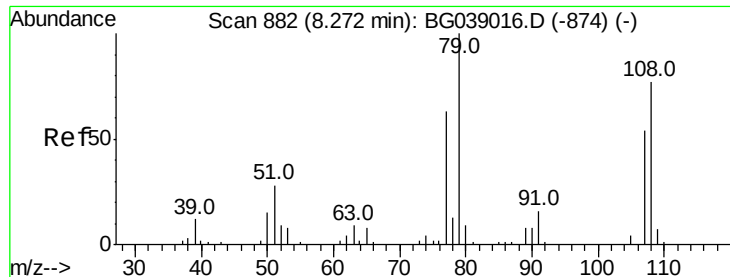
#14
 1,2-Dichlorobenzene
 Concen: 6.333 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Tgt Ion:146 Resp: 10069
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.6 79.0
 111 39.4 34.6 51.8



Abundance Ion 146.00 (145.70 to 146.70): E
 6000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 8.900 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

ClientSampleId :

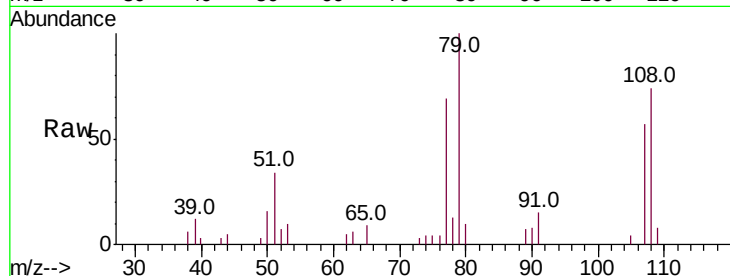
Tot Ion: 79 Resp: 11244

Ion Ratio Lower Upper

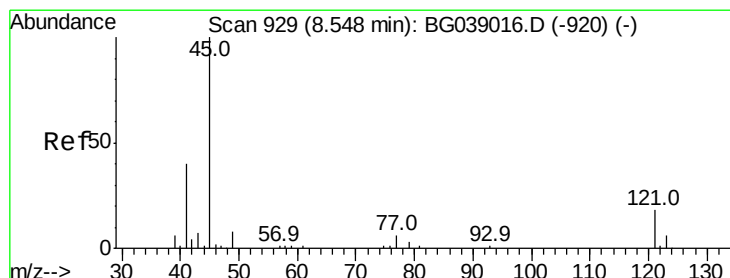
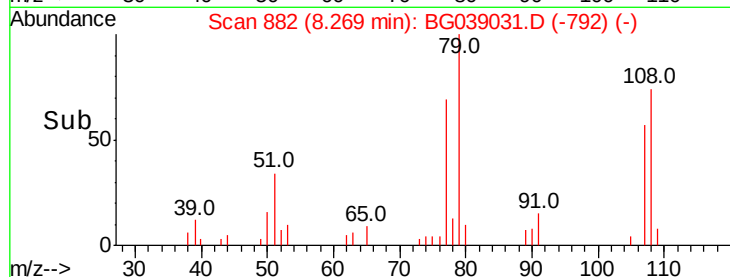
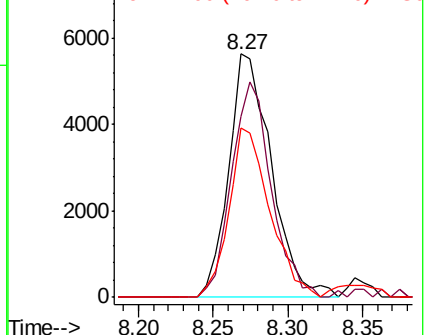
79 100

108 74.1 62.0 93.0

77 69.4 50.1 75.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 8.094 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

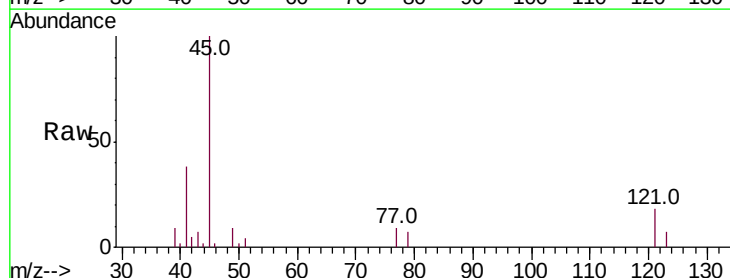
Tgt Ion: 45 Resp: 19952

Ion Ratio Lower Upper

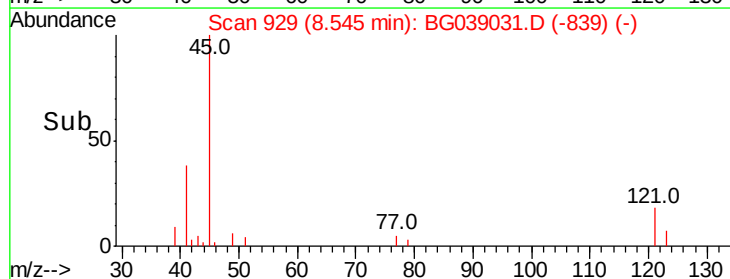
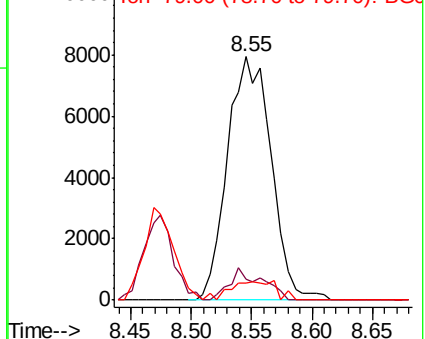
45 100

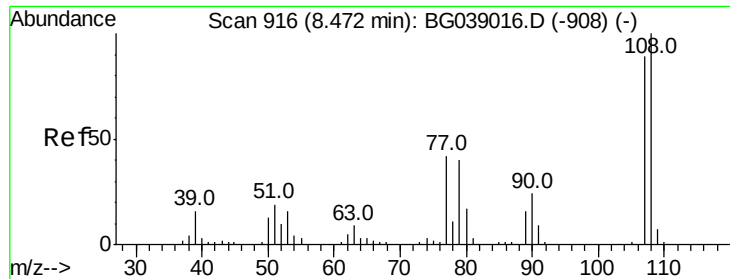
77 8.6 0.0 30.7

79 7.1 0.0 28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

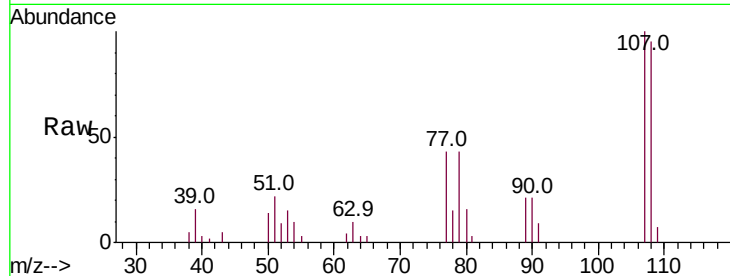




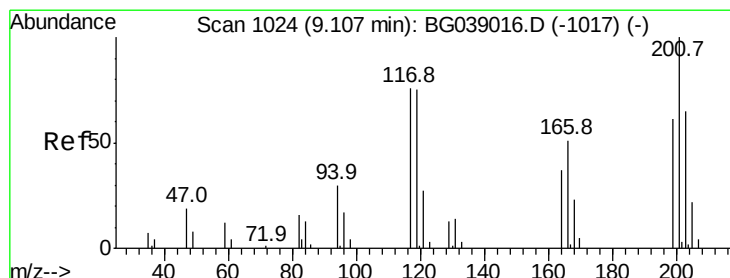
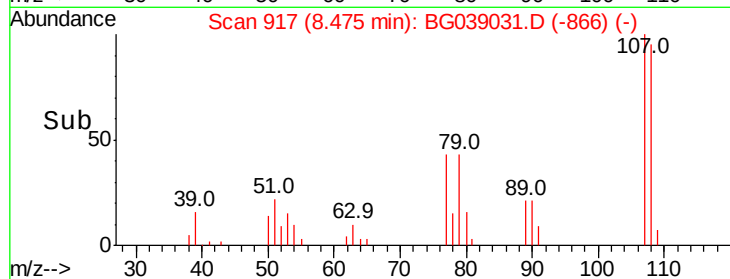
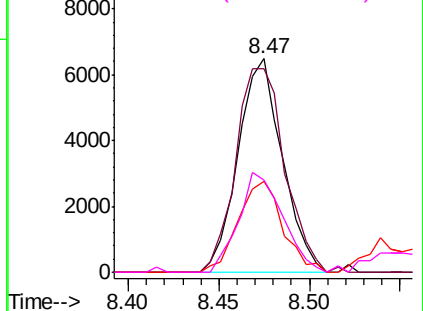
#17
2-Methylphenol
Concen: 9.405 ng
RT: 8.47 min Scan# 917
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 10984
Ion Ratio Lower Upper
107 100
108 95.5 90.3 135.5
77 42.8 38.3 57.5
79 43.5 35.8 53.6

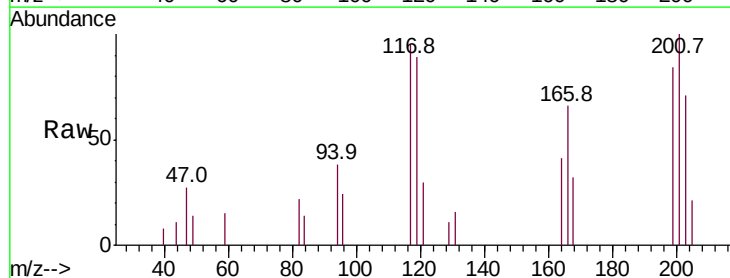


Abundance Ion 107.00 (106.70 to 107.70): E
10000 Ion 108.00 (107.70 to 108.70): E
8000 Ion 77.00 (76.70 to 77.70): BG
6000 Ion 79.00 (78.70 to 79.70): BG

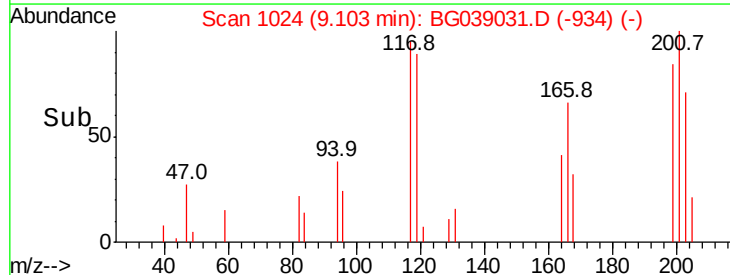
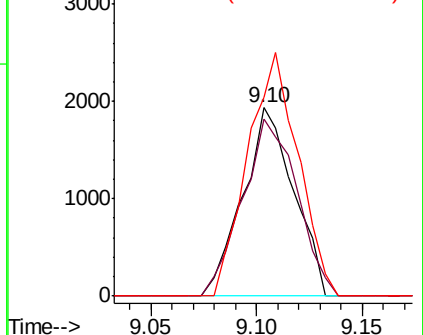


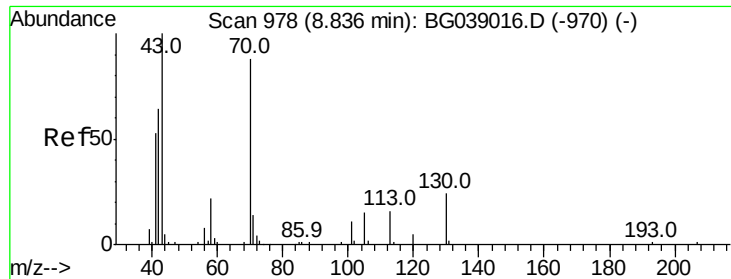
#18
Hexachloroethane
Concen: 5.727 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion:117 Resp: 3244
Ion Ratio Lower Upper
117 100
119 94.2 78.7 118.1
201 105.7 108.1 162.1#



Abundance Ion 117.00 (116.70 to 117.70): E
3000 Ion 119.00 (118.70 to 119.70): E
2000 Ion 201.00 (200.70 to 201.70): E

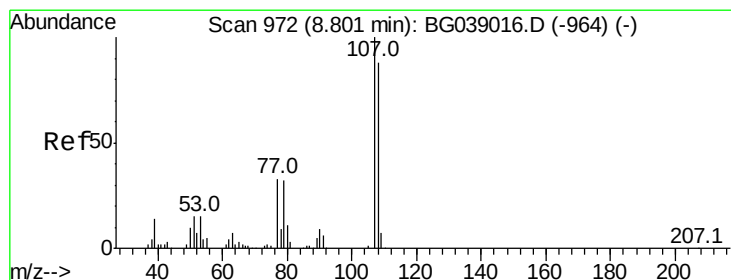
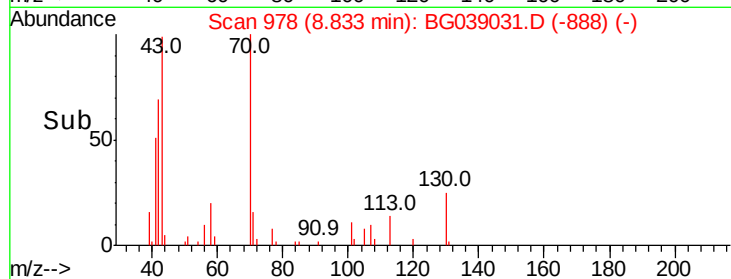
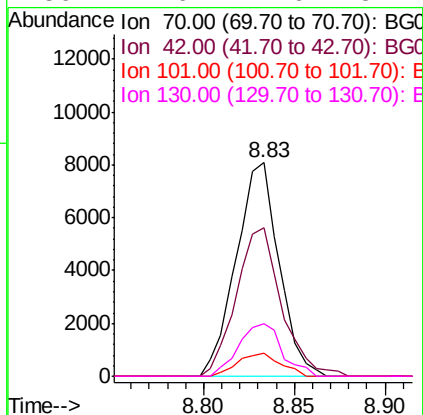
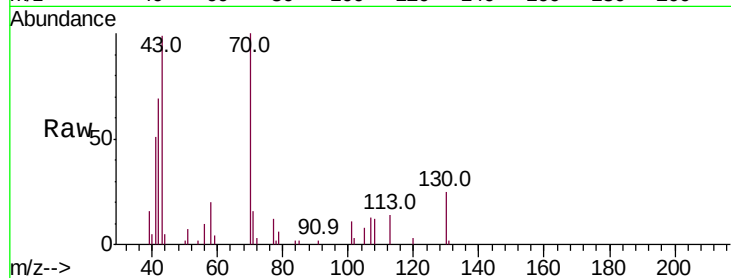




#19
n-Nitroso-di-n-propylamine
Concen: 12.102 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

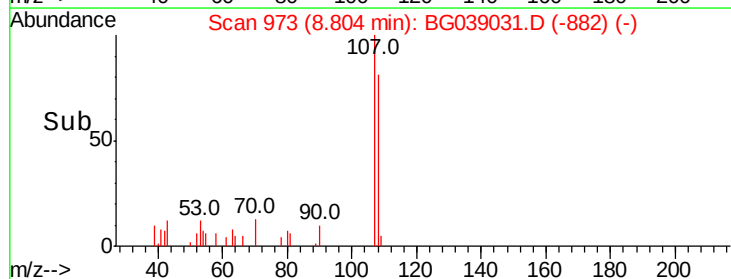
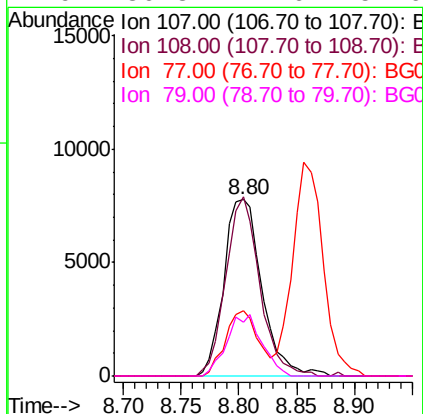
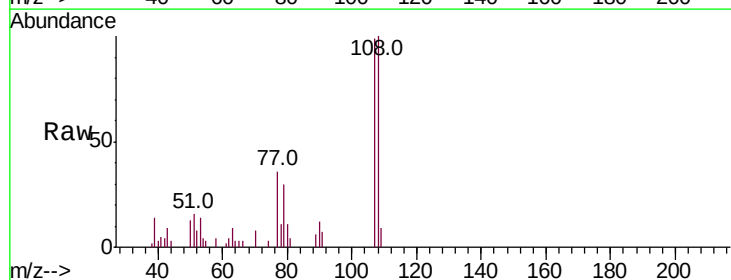
Instrument :
BNA_G
ClientSampleId :

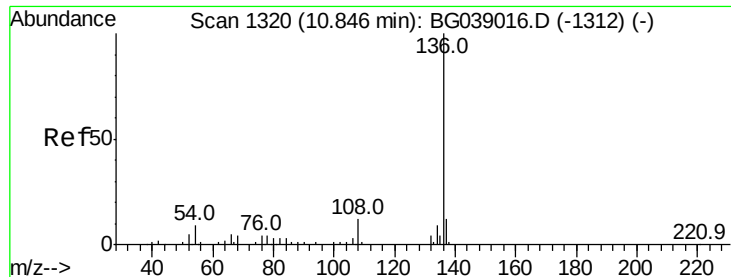
Tot Ion:	70	Resp:	13333
Ion	Ratio	Lower	Upper
70	100		
42	69.4	59.0	88.4
101	10.7	10.4	15.6
130	24.6	21.6	32.4



#20
3+4-Methylphenols
Concen: 10.653 ng
RT: 8.80 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion:	107	Resp:	17739
Ion	Ratio	Lower	Upper
107	100		
108	101.3	68.4	108.4
77	36.9	13.3	53.3
79	30.3	11.6	51.6

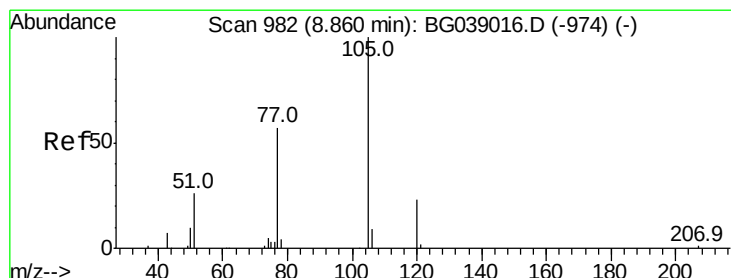
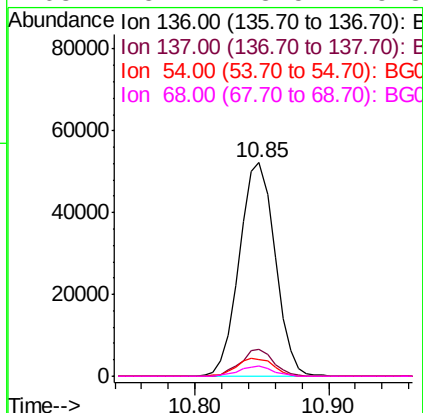
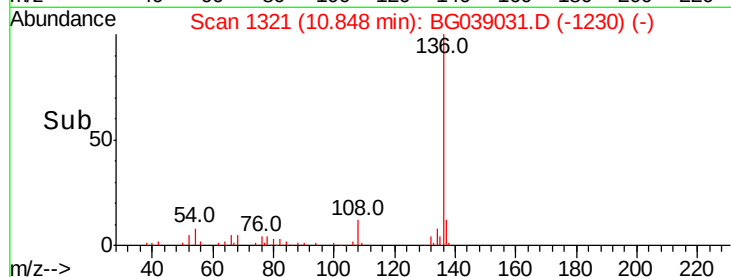
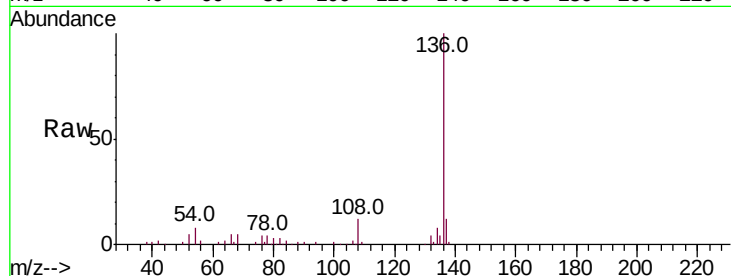




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

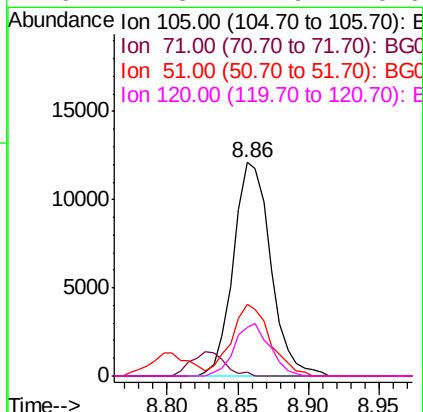
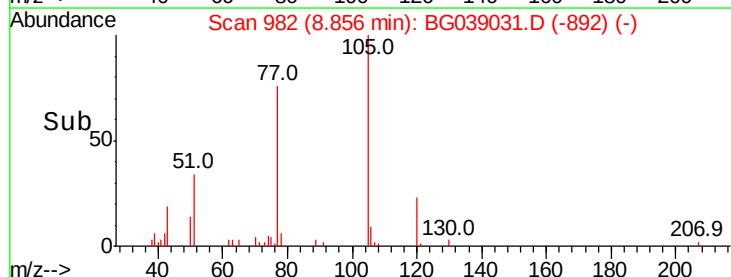
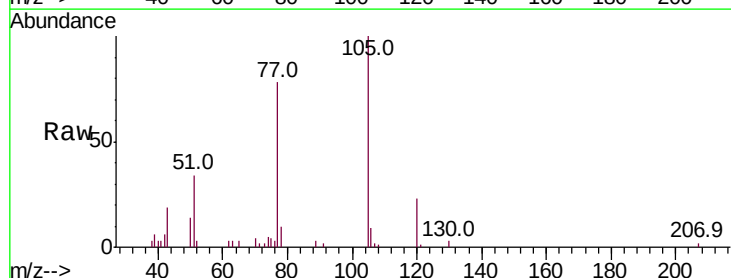
Instrument :
BNA_G
ClientSampleId :

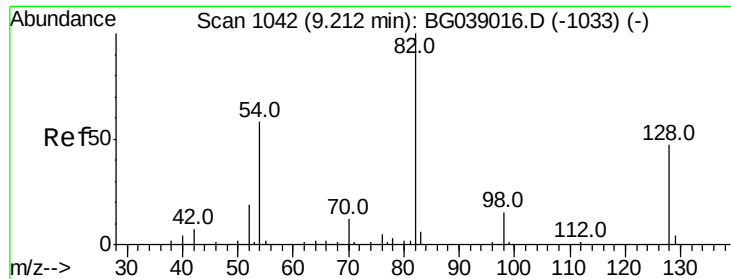
Tot Ion:136	Resp:	96832
Ion Ratio	Lower	Upper
136	100	
137	12.5	9.4 14.2
54	7.9	7.2 10.8
68	5.1	3.5 5.3



#22
Acetophenone
Concen: 8.844 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion:105	Resp:	22365
Ion Ratio	Lower	Upper
105	100	
71	1.9	0.6 1.0#
51	33.7	26.6 39.8
120	22.8	17.9 26.9

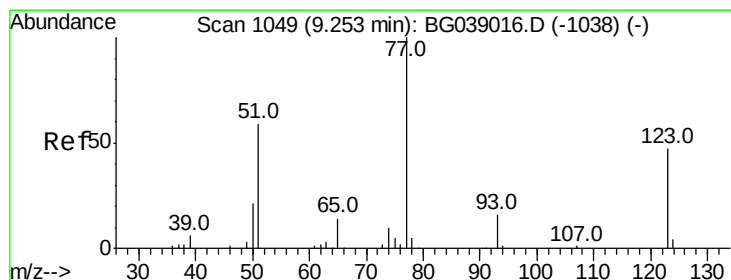
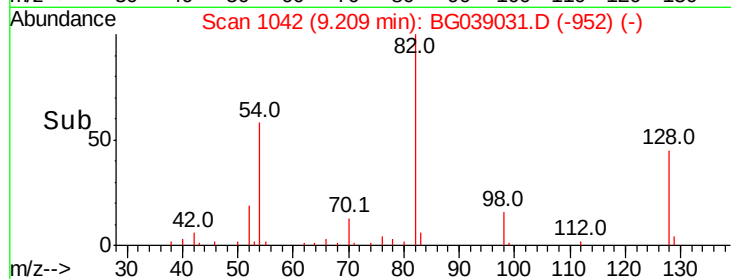
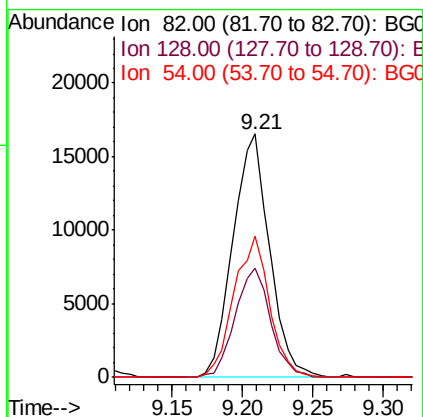
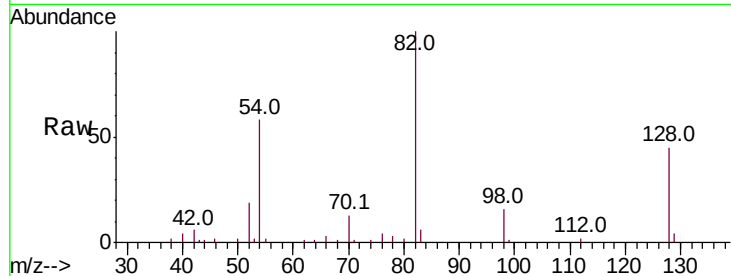




#23
 Nitrobenzene-d5
 Concen: 16.925 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

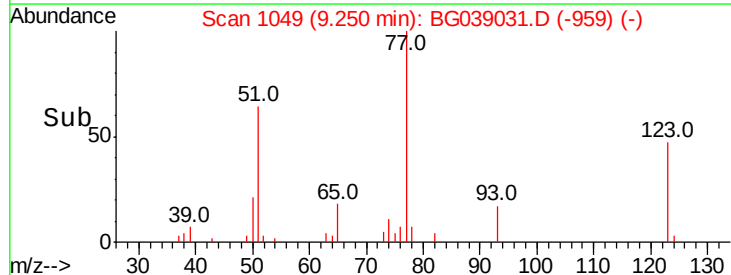
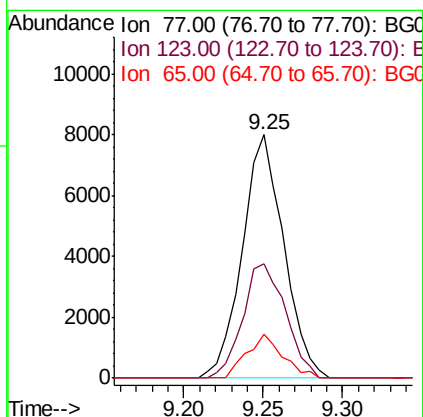
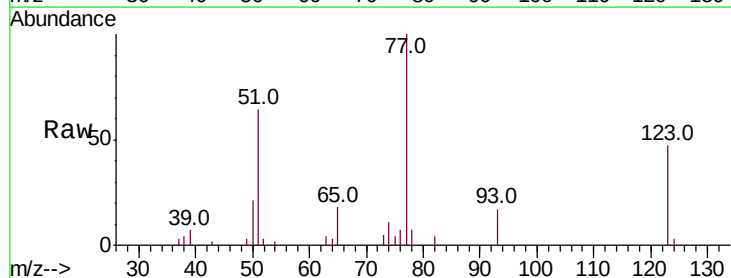
Instrument :
 BNA_G
 ClientSampled :

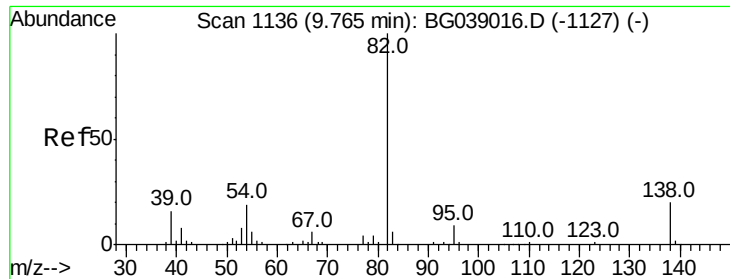
Tot Ion: 82 Resp: 29951
 Ion Ratio Lower Upper
 82 100
 128 44.7 37.3 55.9
 54 57.9 46.4 69.6



#24
 Nitrobenzene
 Concen: 8.127 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Tgt Ion: 77 Resp: 14536
 Ion Ratio Lower Upper
 77 100
 123 47.0 37.6 56.4
 65 18.2 11.0 16.6#





#25

Isophorone

Concen: 14.221 ng

RT: 9.76 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

ClientSampleId :

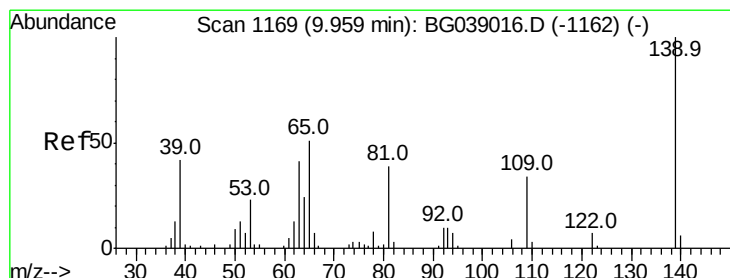
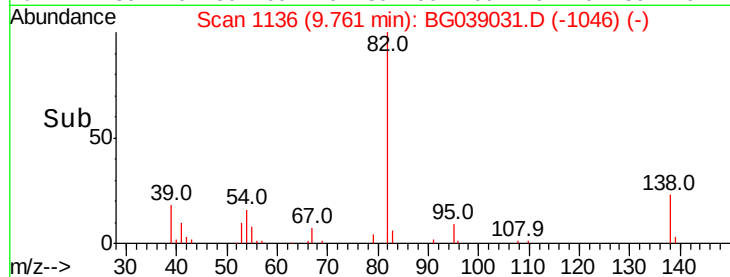
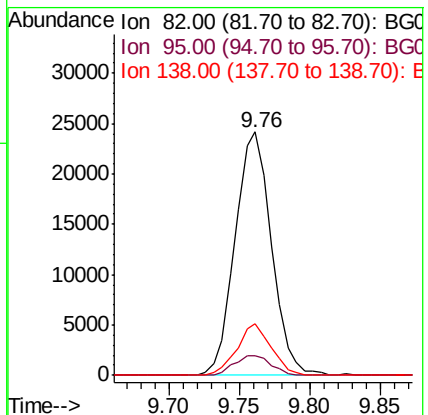
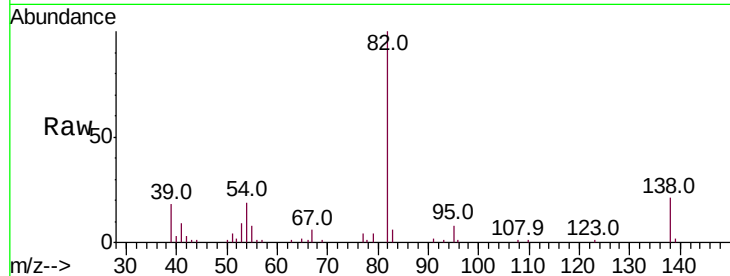
Tot Ion: 82 Resp: 43348

Ion Ratio Lower Upper

82 100

95 8.1 7.0 10.6

138 21.4 16.2 24.4



#26

2-Nitrophenol

Concen: 8.657 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

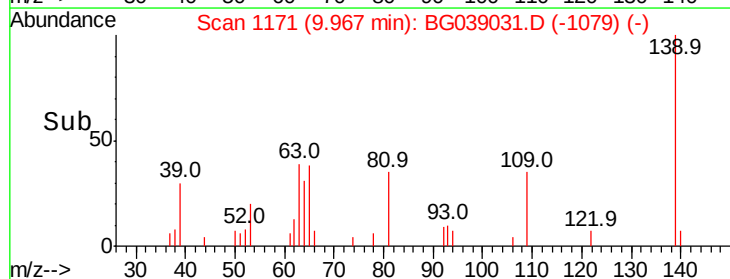
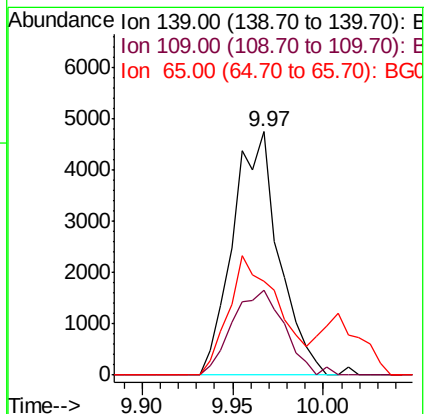
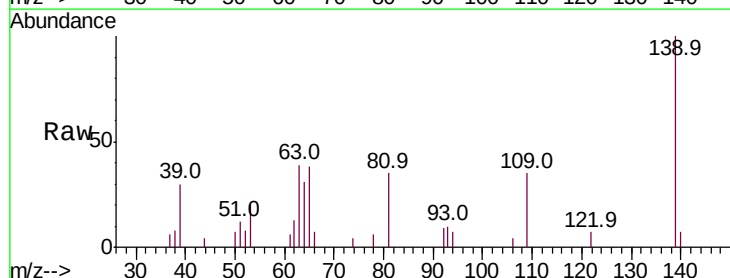
Tgt Ion: 139 Resp: 8375

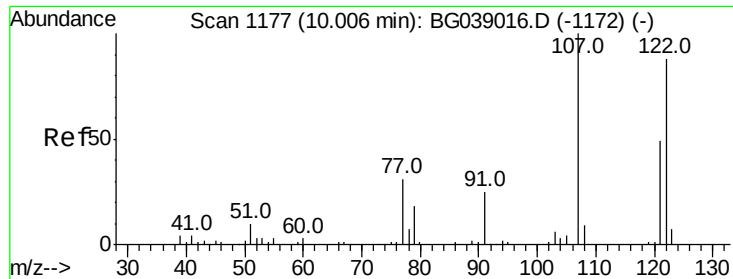
Ion Ratio Lower Upper

139 100

109 34.9 27.3 40.9

65 38.4 40.6 61.0#

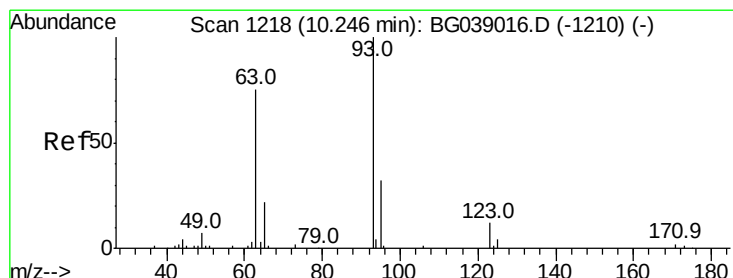
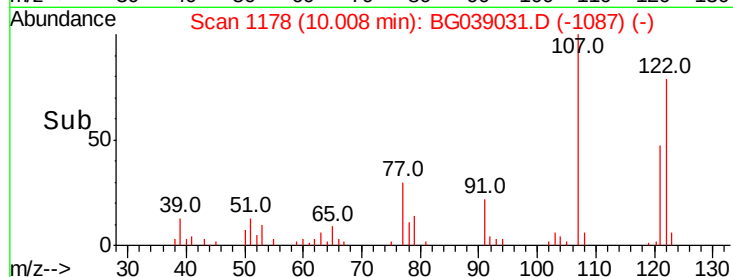
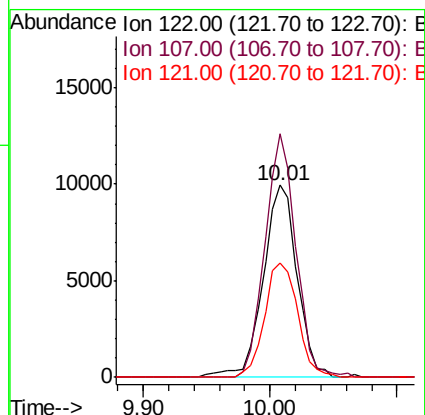
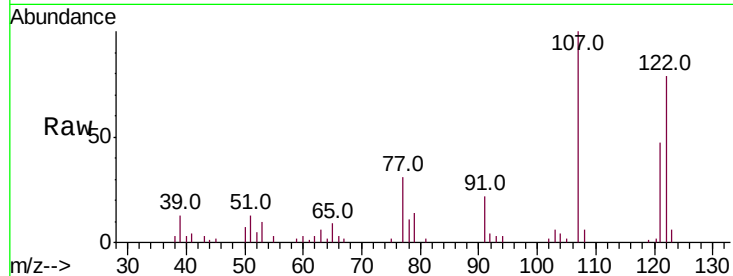




#27
 2,4-Dimethylphenol
 Concen: 13.598 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

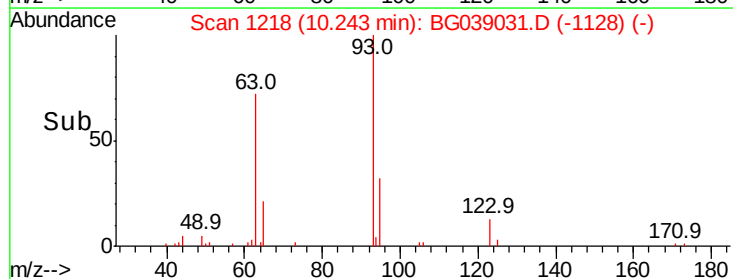
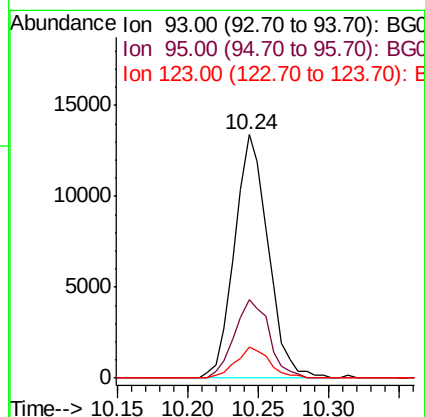
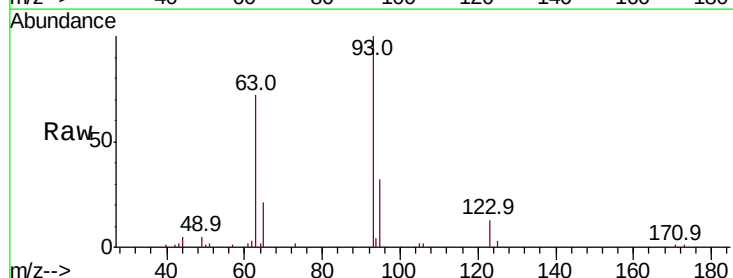
Instrument :
 BNA_G
 ClientSampleId :

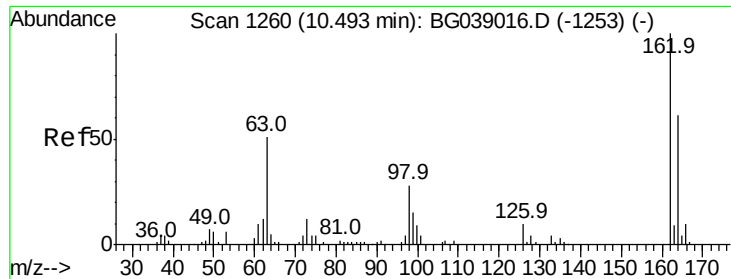
Tot Ion:122 Resp: 18508
 Ion Ratio Lower Upper
 122 100
 107 126.7 88.8 133.2
 121 59.8 43.1 64.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 12.143 ng
 RT: 10.24 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Tgt Ion: 93 Resp: 22246
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.6 38.4
 123 13.0 10.1 15.1

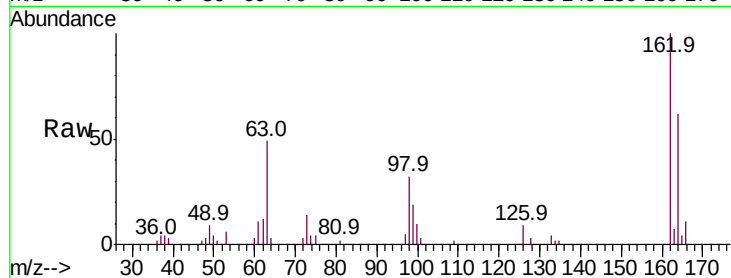




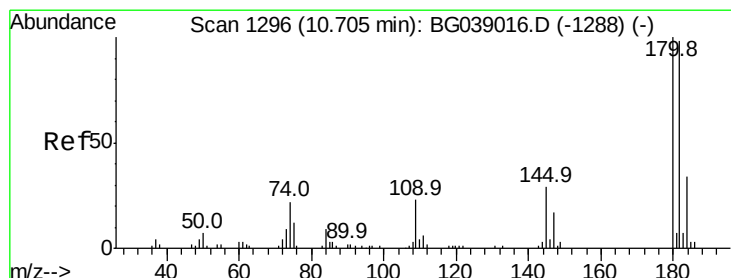
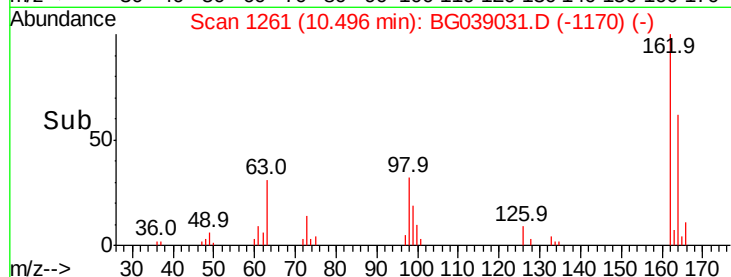
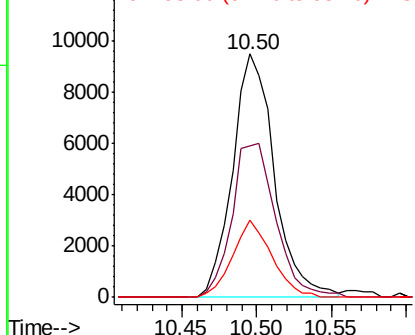
#29
 2,4-Dichlorophenol
 Concen: 10.933 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 18488
 Ion Ratio Lower Upper
 162 100
 164 62.3 41.3 81.3
 98 32.0 8.3 48.3

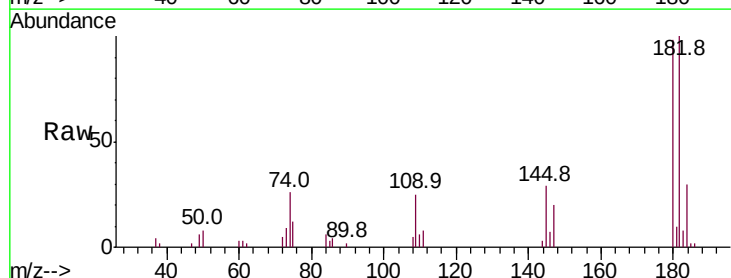


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

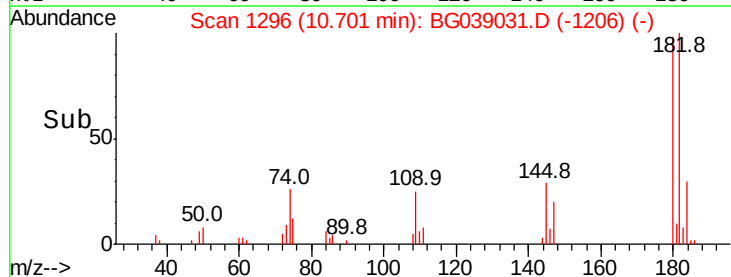
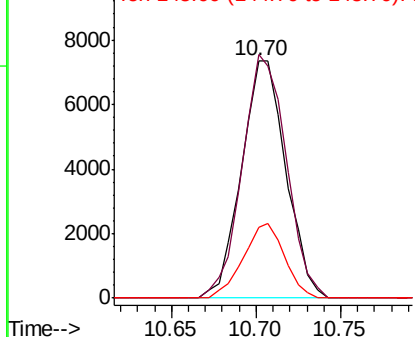


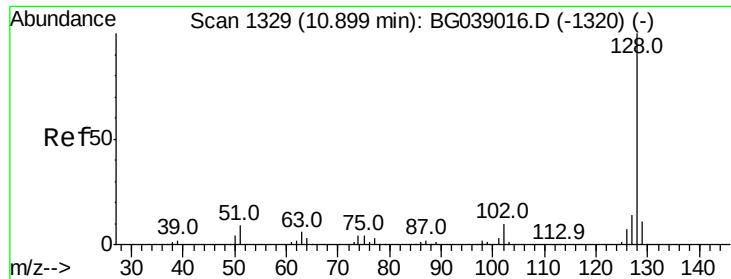
#30
 1,2,4-Trichlorobenzene
 Concen: 6.636 ng
 RT: 10.70 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Tgt Ion:180 Resp: 13482
 Ion Ratio Lower Upper
 180 100
 182 102.4 78.1 117.1
 145 29.6 23.1 34.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

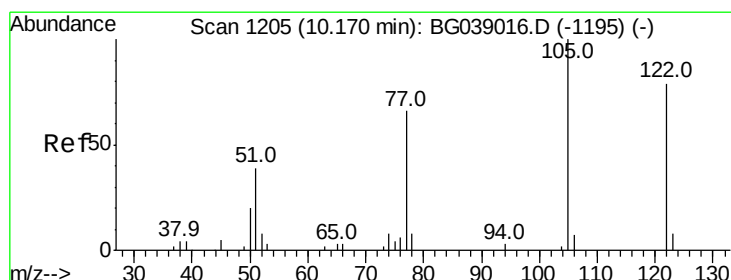
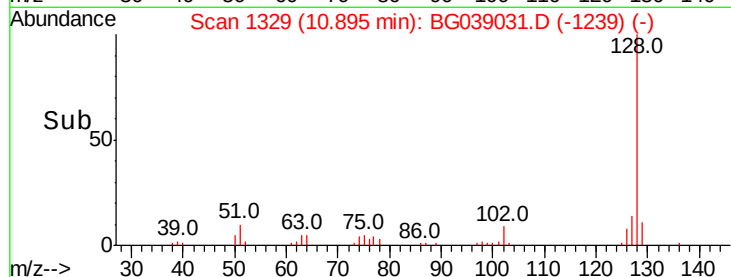
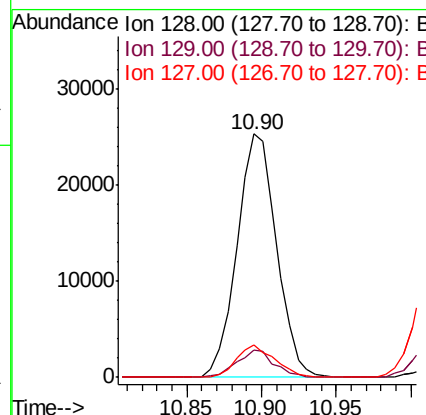
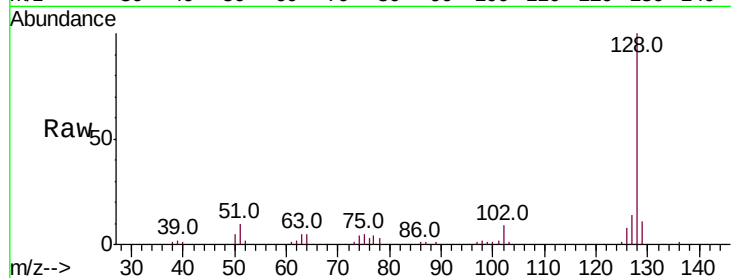




#31
Naphthalene
Concen: 9.556 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

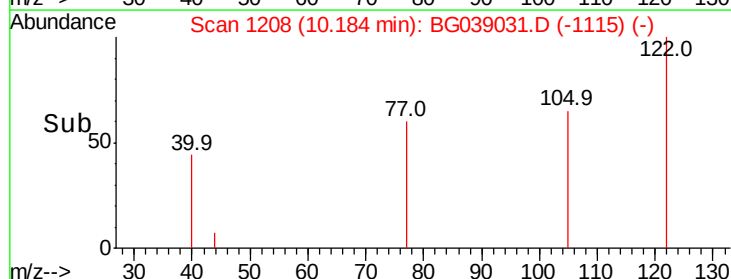
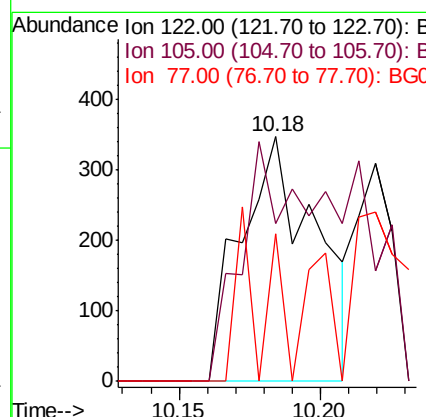
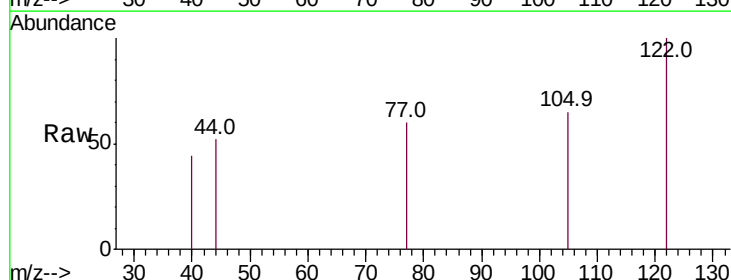
Instrument :
BNA_G
ClientSampleId :

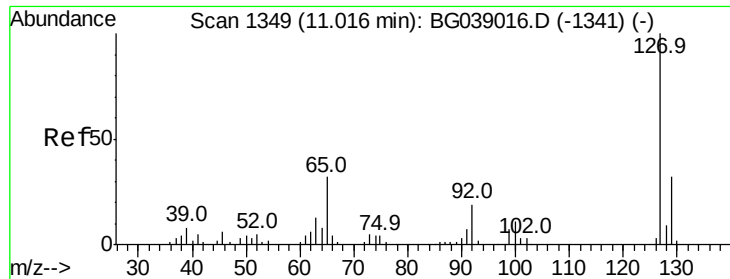
Tot Ion:128 Resp: 46411
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.5 11.2 16.8



#32
Benzoic acid
Concen: 10.062 ng
RT: 10.18 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion:122 Resp: 640
Ion Ratio Lower Upper
122 100
105 64.6 106.4 146.4#
77 60.2 63.6 103.6#

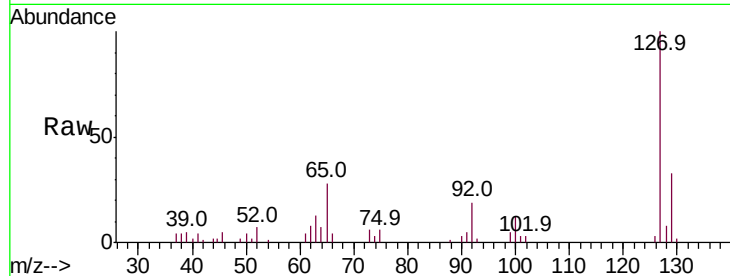




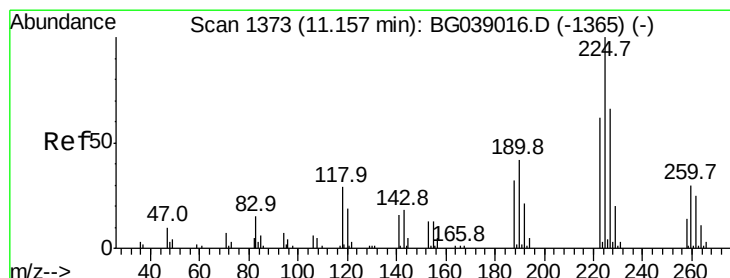
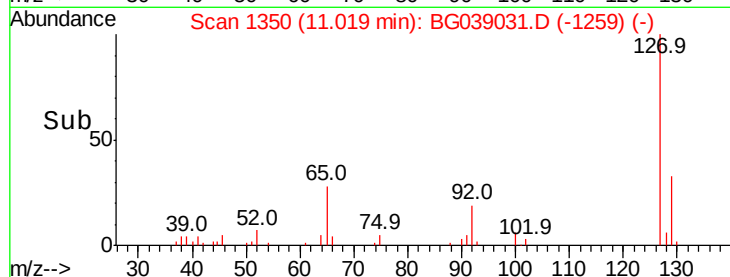
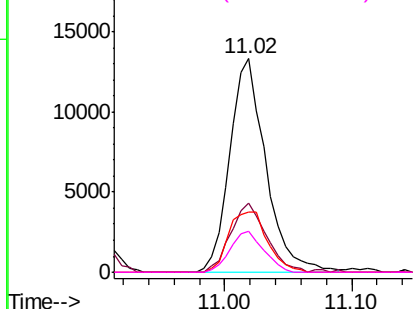
#33
4-Chloroaniline
Concen: 12.086 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 26264
Ion Ratio Lower Upper
127 100
129 32.6 25.4 38.0
65 28.2 25.4 38.0
92 19.4 15.2 22.8

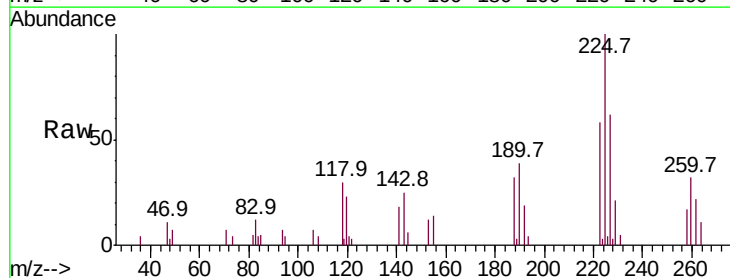


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

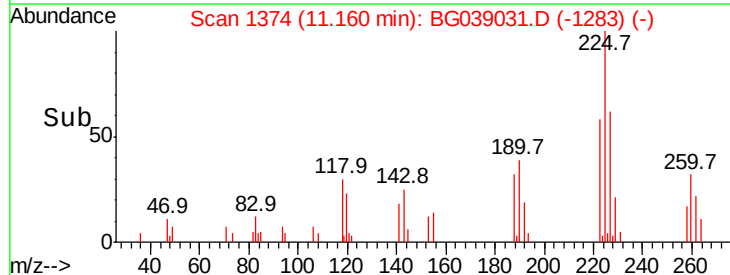
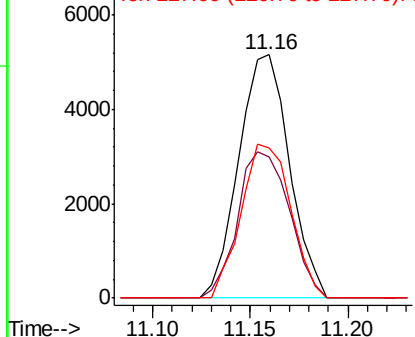


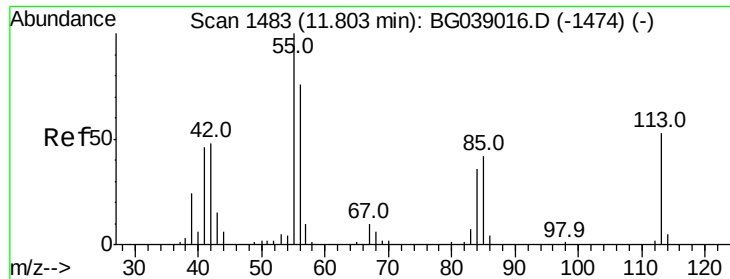
#34
Hexachlorobutadiene
Concen: 6.640 ng
RT: 11.16 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion:225 Resp: 9283
Ion Ratio Lower Upper
225 100
223 56.1 50.2 75.4
227 62.6 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: 18.861 ng

RT: 11.79 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

ClientSampled :

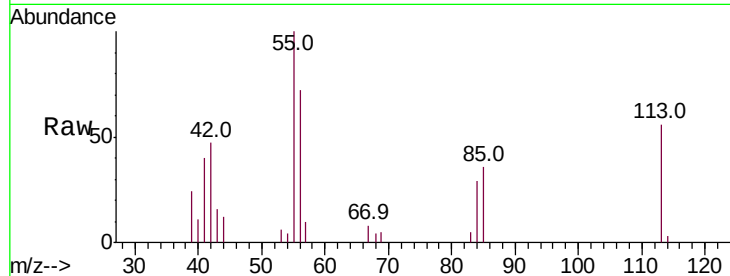
Tot Ion:113 Resp: 12789

Ion Ratio Lower Upper

113 100

55 177.7 168.6 208.6

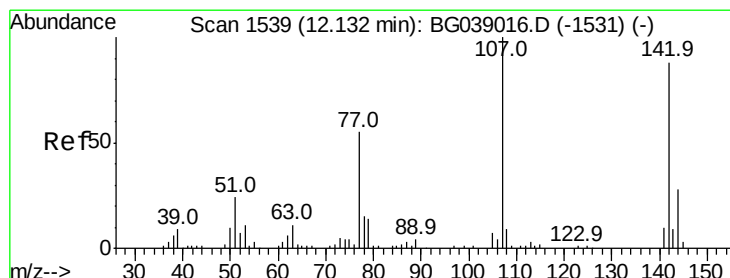
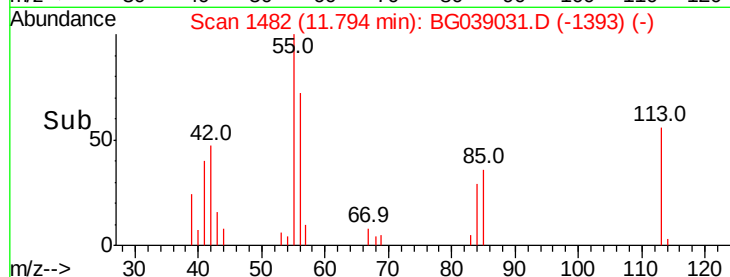
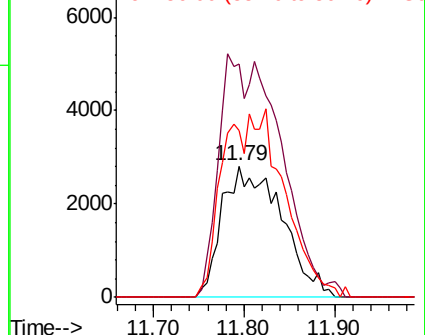
56 127.2 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 17.392 ng

RT: 12.13 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

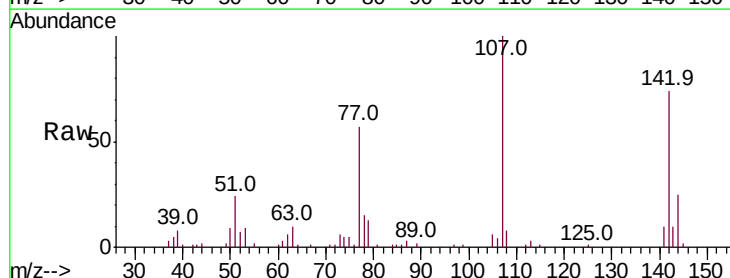
Tgt Ion:107 Resp: 31454

Ion Ratio Lower Upper

107 100

144 25.0 22.6 34.0

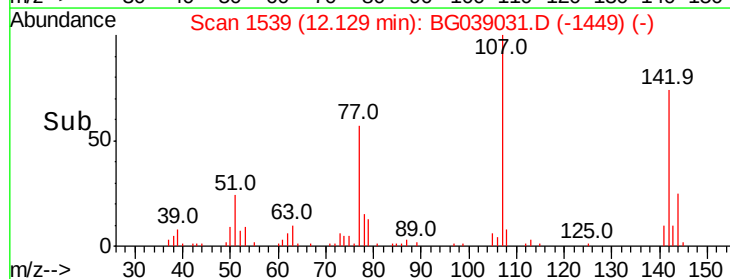
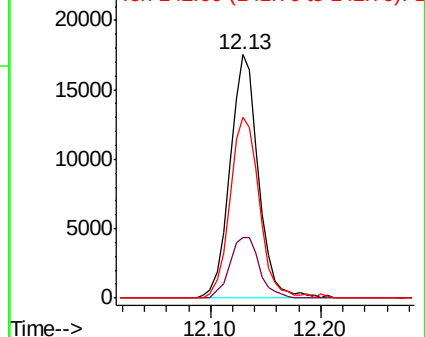
142 74.5 70.2 105.4

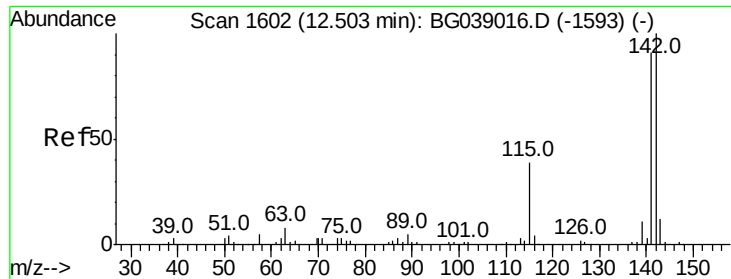


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

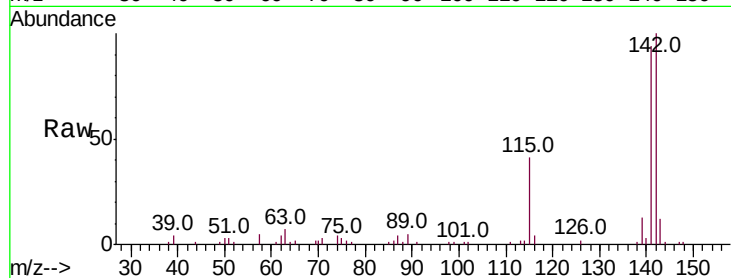




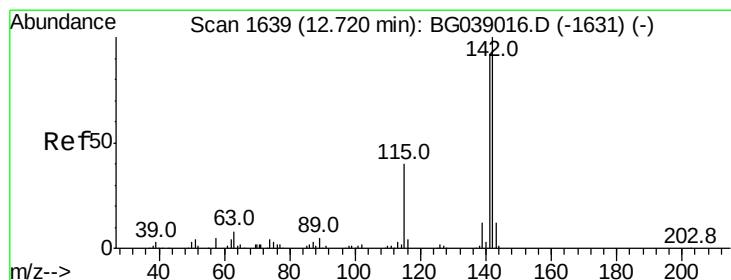
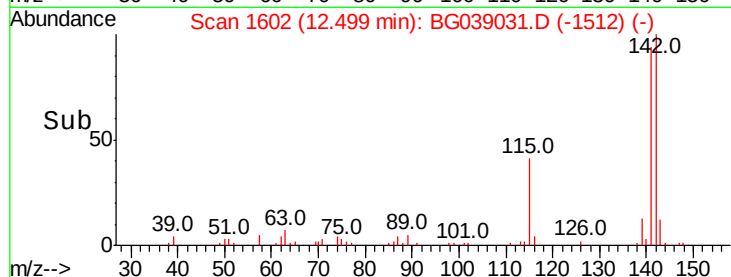
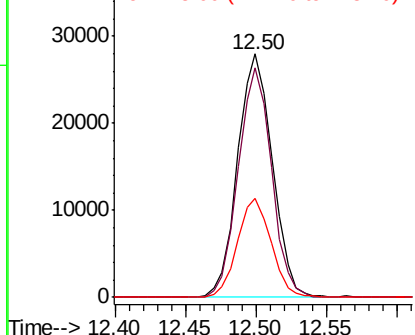
#37
 2-Methylnaphthalene
 Concen: 13.213 ng
 RT: 12.50 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 48109
 Ion Ratio Lower Upper
 142 100
 141 94.5 72.6 109.0
 115 40.8 31.1 46.7

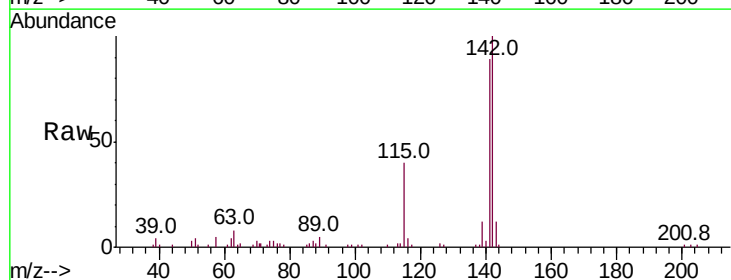


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

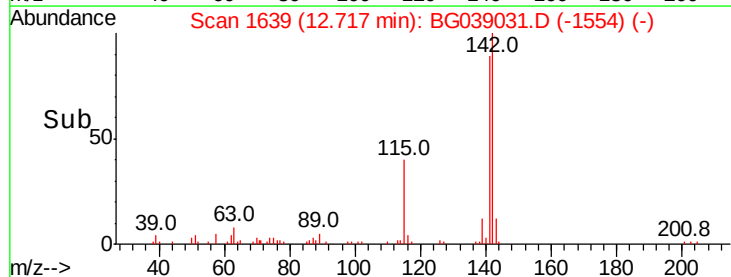
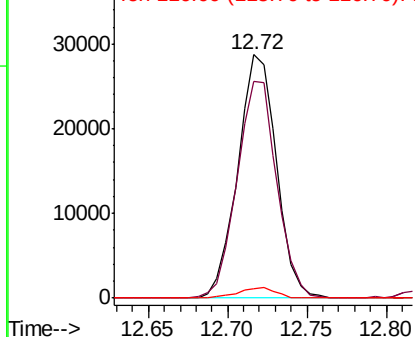


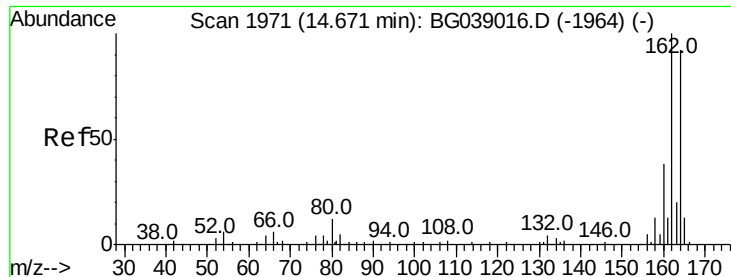
#38
 1-Methylnaphthalene
 Concen: 13.860 ng
 RT: 12.72 min Scan# 1639
 Delta R.T. -0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Tgt Ion:142 Resp: 48441
 Ion Ratio Lower Upper
 142 100
 141 89.2 73.3 109.9
 116 3.9 3.1 4.7



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

ClientSampleId :

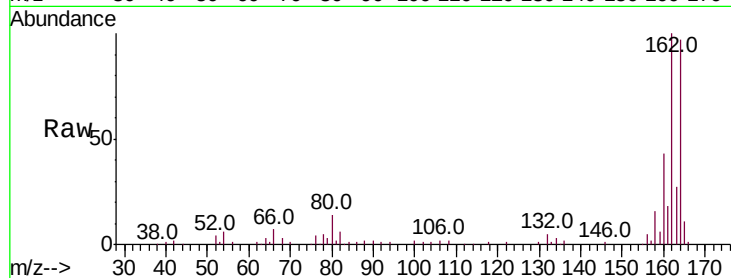
Tot Ion:164 Resp: 68923

Ion Ratio Lower Upper

164 100

162 103.1 87.2 130.8

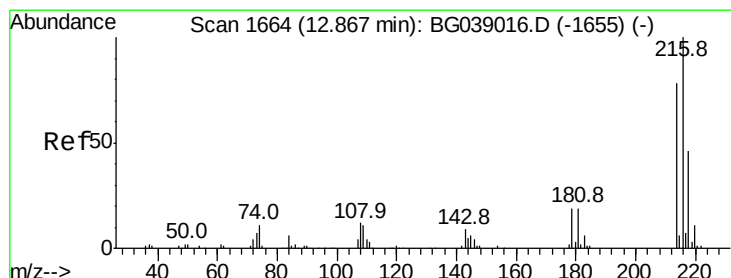
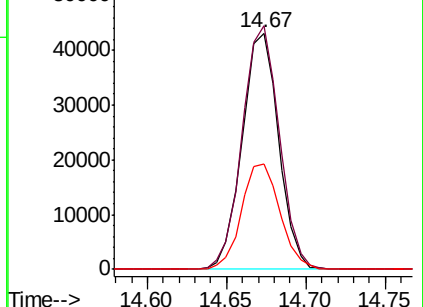
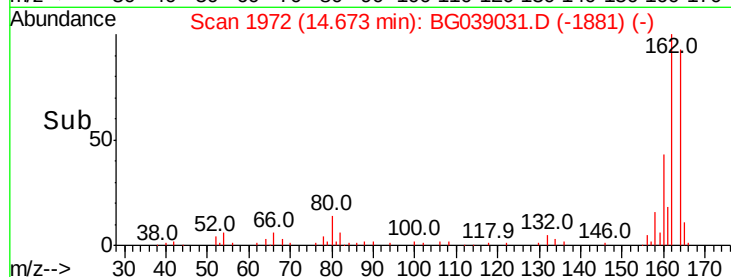
160 44.4 33.3 49.9



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: 11.710 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Tgt Ion:216 Resp: 30312

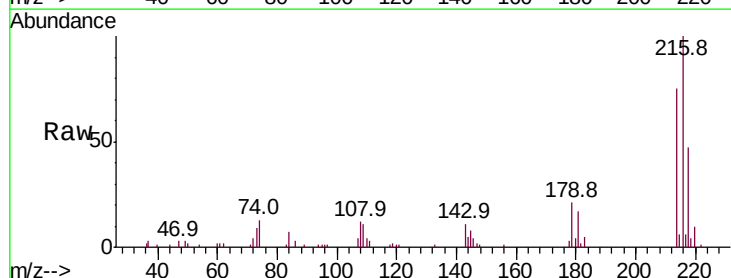
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 20.7 15.5 23.3

108 13.2 11.4 17.2

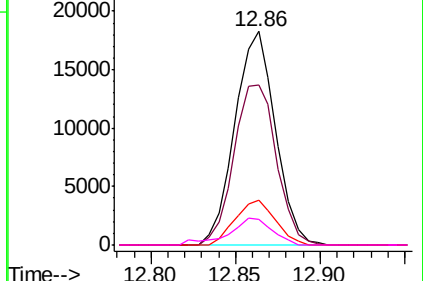
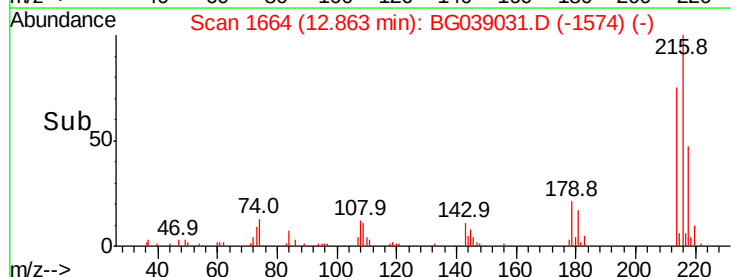


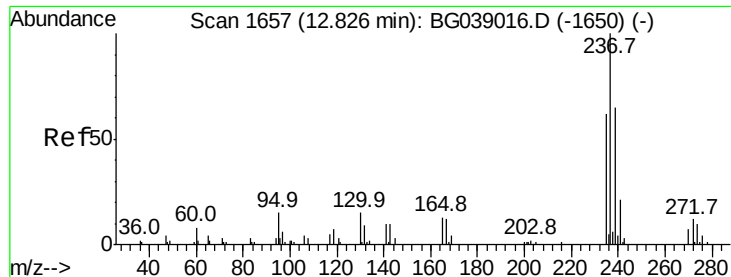
Abundance Ion 216.00 (215.70 to 216.70): E

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: 17.313 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

ClientSampleId :

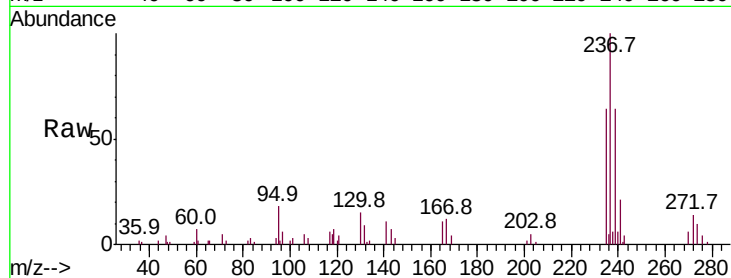
Tot Ion:237 Resp: 18183

Ion Ratio Lower Upper

237 100

235 64.1 41.7 81.7

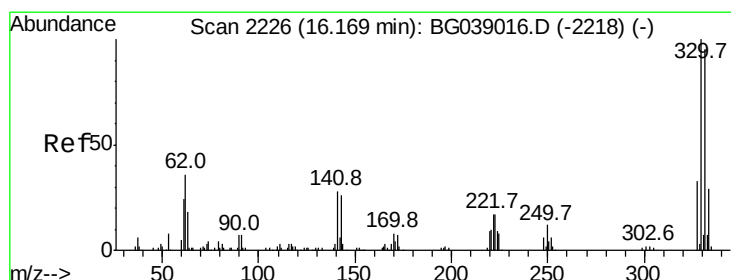
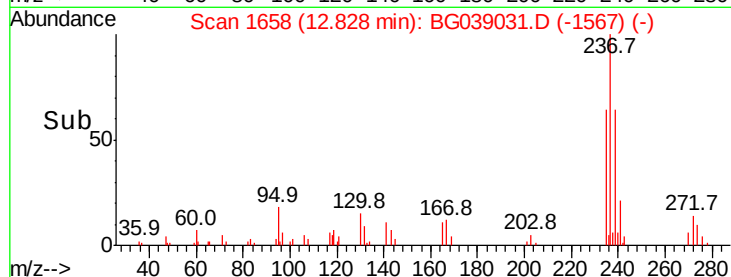
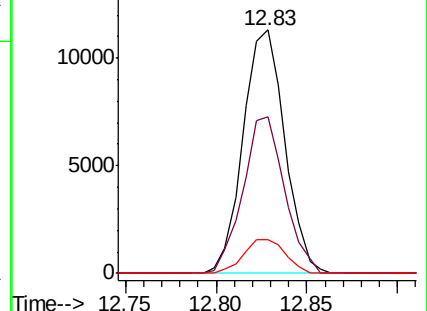
272 13.9 0.0 32.1



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: 68.460 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

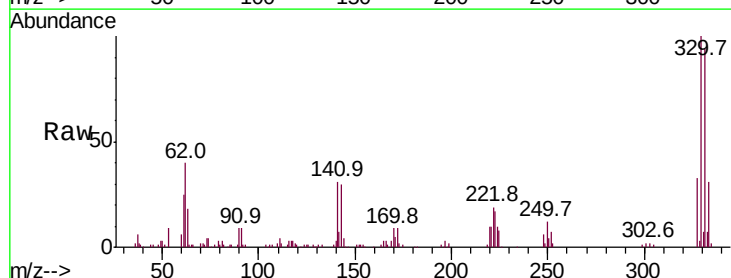
Tgt Ion:330 Resp: 79095

Ion Ratio Lower Upper

330 100

332 96.3 75.7 113.5

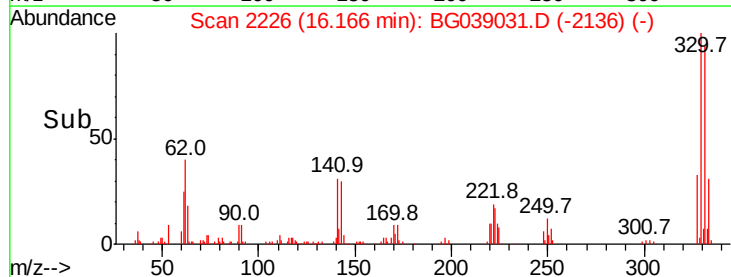
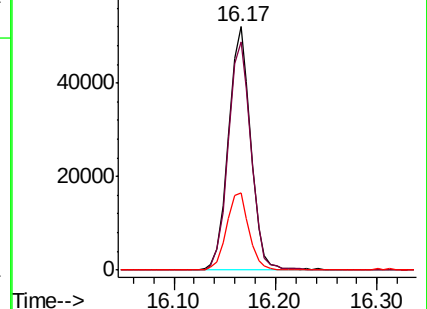
141 31.9 24.9 37.3

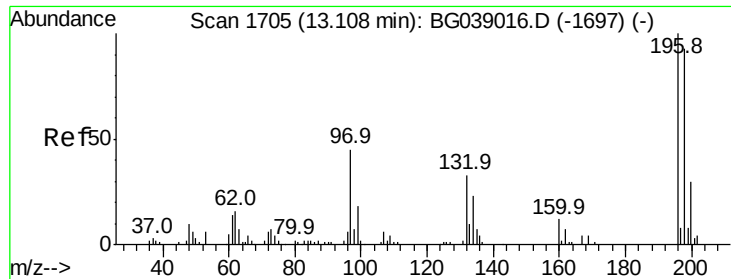


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

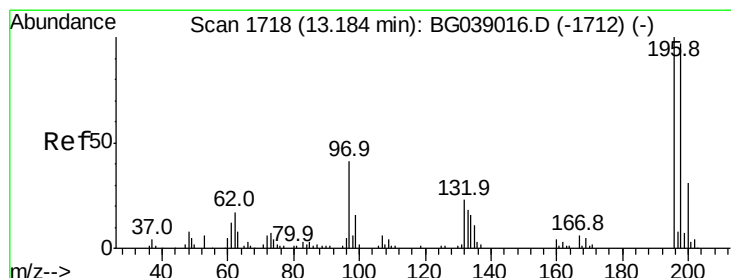
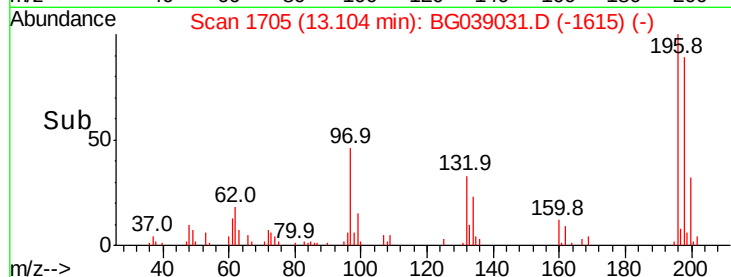
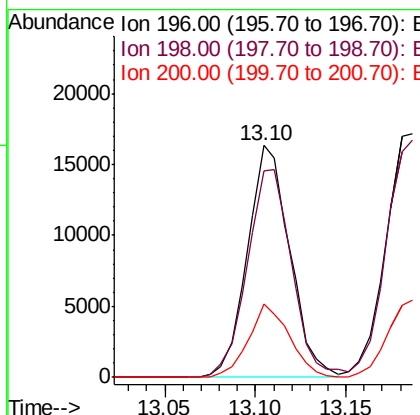
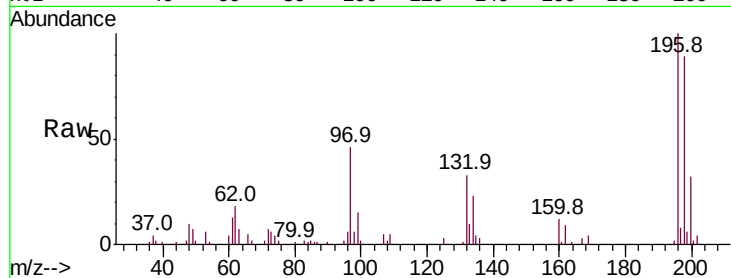




#43
 2,4,6-Trichlorophenol
 Concen: 16.294 ng
 RT: 13.10 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

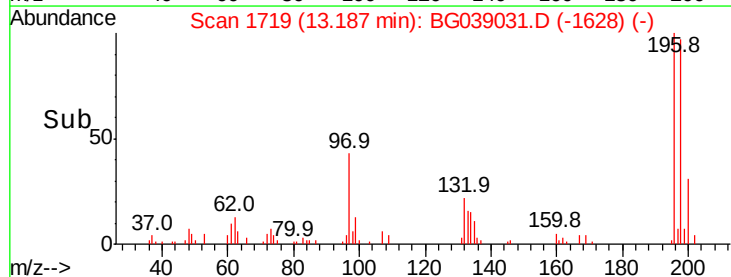
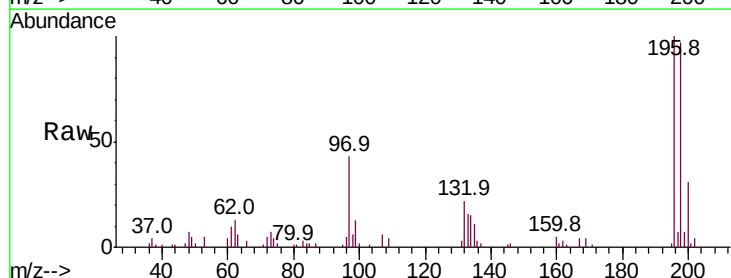
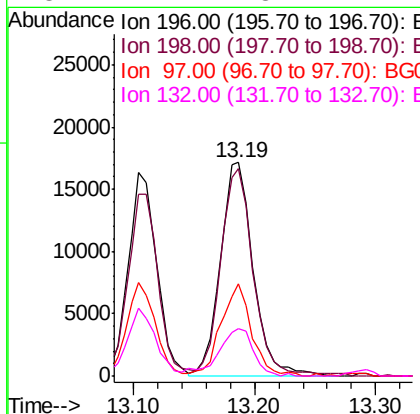
Instrument :
 BNA_G
 ClientSampleID :

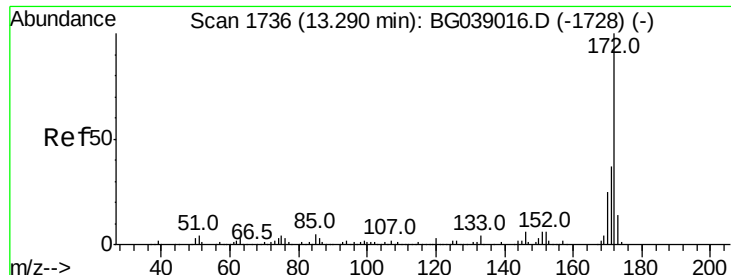
Tot Ion:196 Resp: 26544
 Ion Ratio Lower Upper
 196 100
 198 89.3 74.5 111.7
 200 33.8 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 18.707 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Tgt Ion:196 Resp: 32210
 Ion Ratio Lower Upper
 196 100
 198 97.2 78.1 117.1
 97 43.4 33.2 49.8
 132 22.1 18.2 27.4

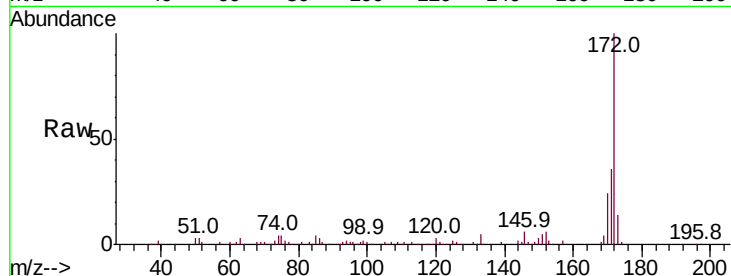




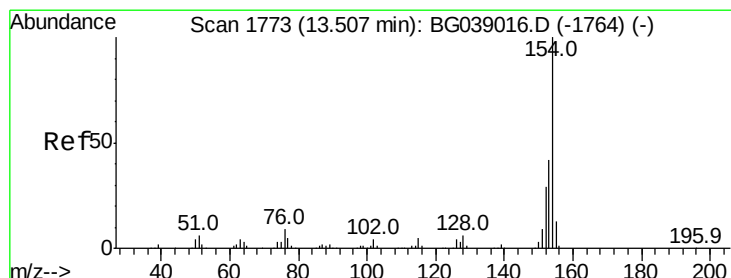
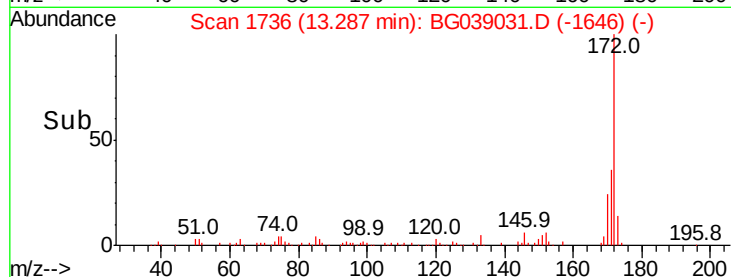
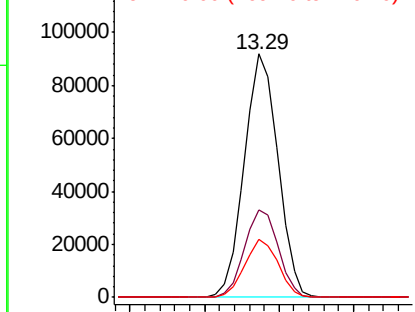
#45
2-Fluorobiphenyl
Concen: 28.470 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 143377
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 23.8 20.1 30.1

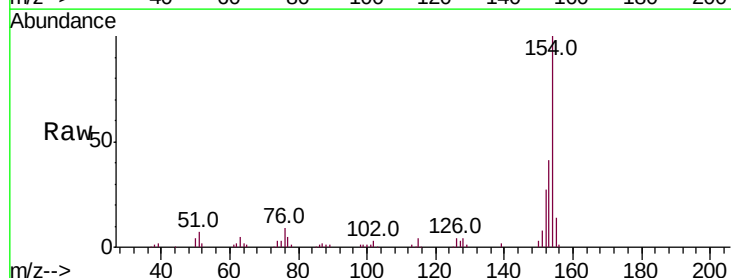


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

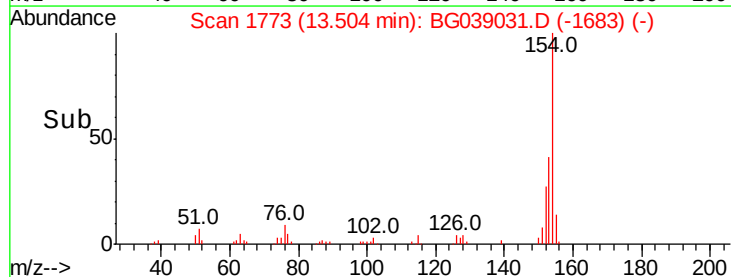
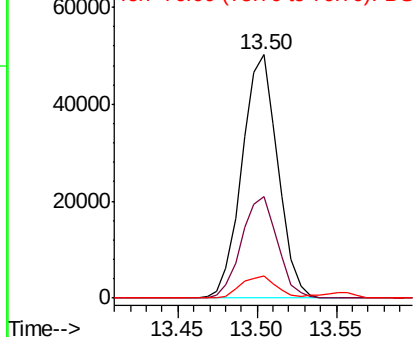


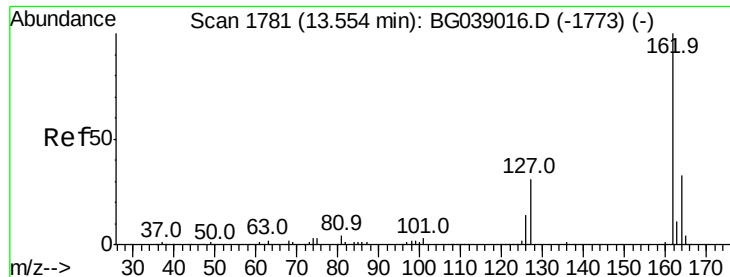
#46
1,1'-Biphenyl
Concen: 14.391 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion:154 Resp: 78596
Ion Ratio Lower Upper
154 100
153 41.4 22.4 62.4
76 8.9 0.0 29.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

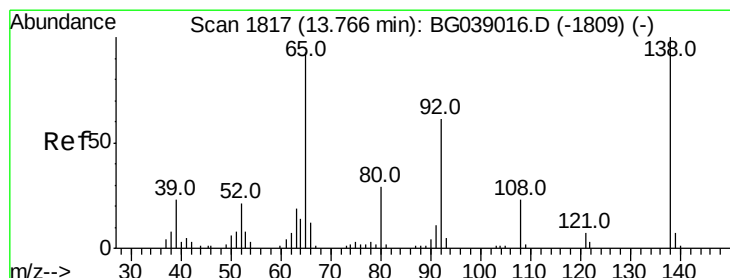
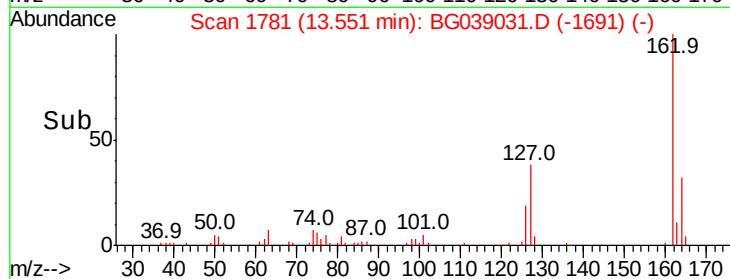
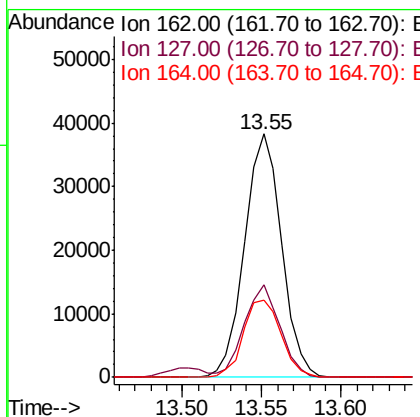
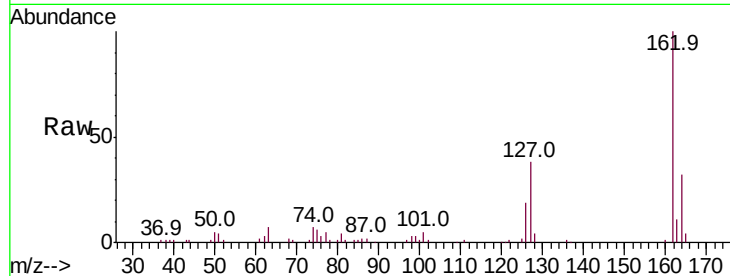




#47
 2-Chloronaphthalene
 Concen: 14.017 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

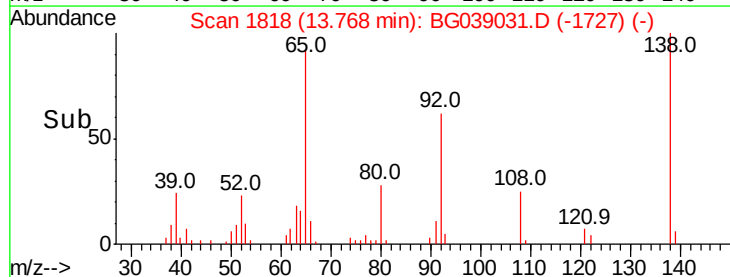
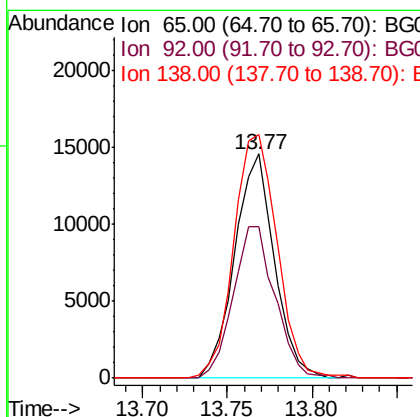
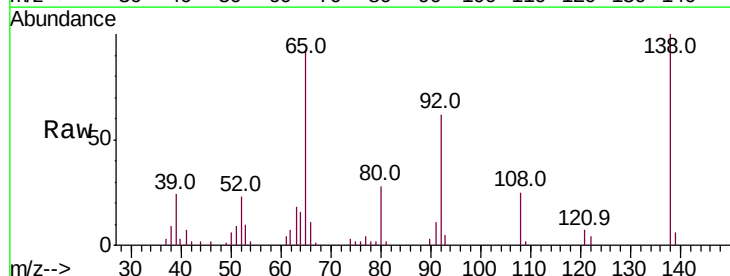
Instrument :
 BNA_G
 ClientSampled :

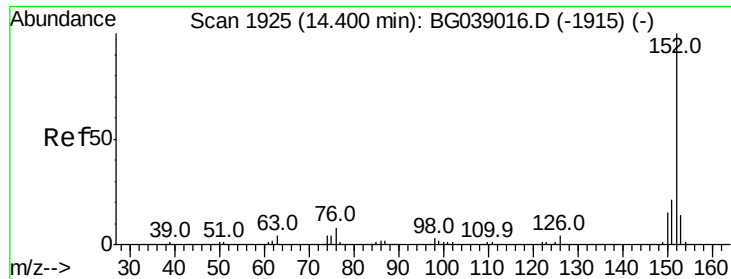
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	28.4	42.6
164	31.6	26.3	39.5



#48
 2-Nitroaniline
 Concen: 19.253 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	52.2	78.4
138	108.5	86.0	129.0





#49

Acenaphthylene

Concen: 18.066 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

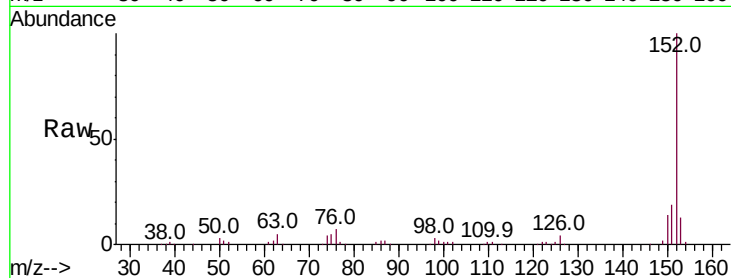
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 120007

Ion	Ratio	Lower	Upper
152	100		
151	18.6	17.0	25.4
153	13.0	11.2	16.8

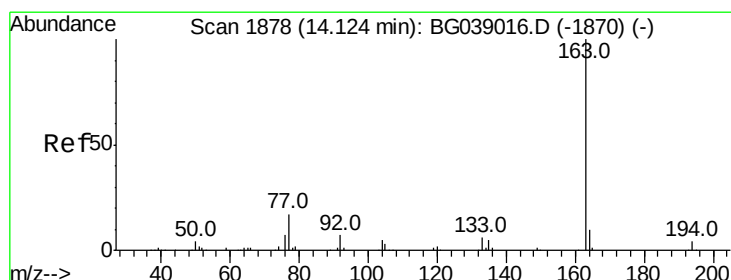
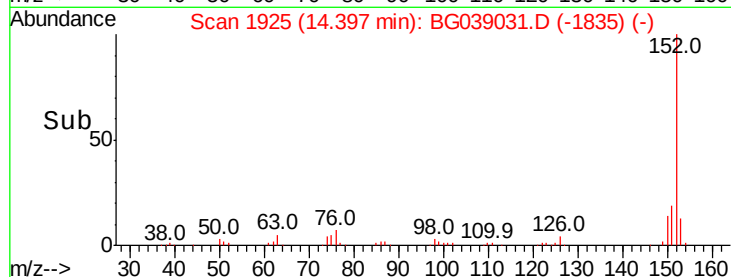
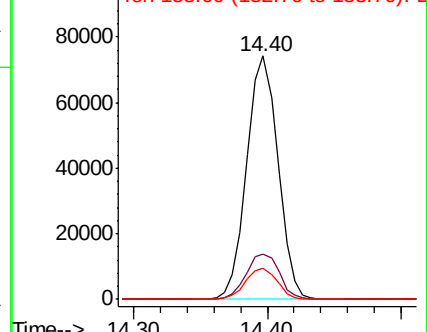


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 29.713 ng

RT: 14.12 min Scan# 1878

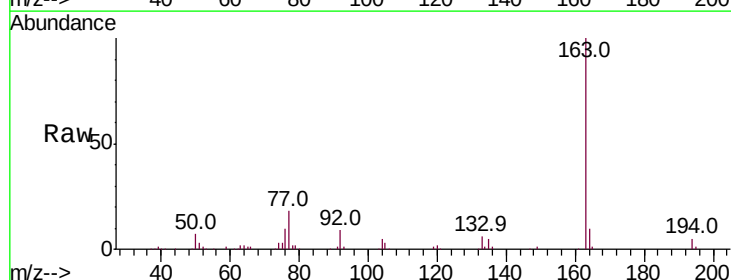
Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Tgt Ion:163 Resp: 173057

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.6	5.4
164	9.8	8.2	12.2

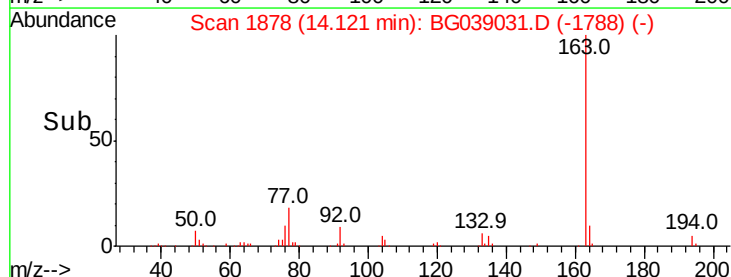
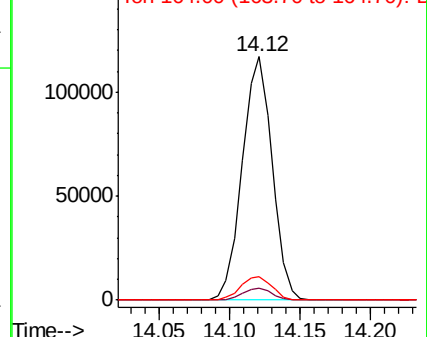


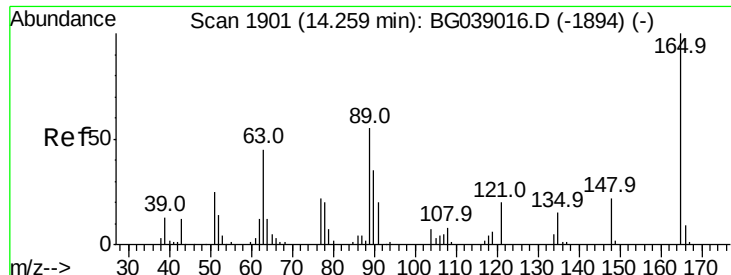
Abundance

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

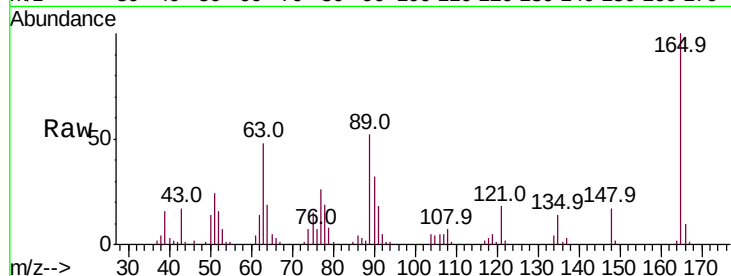




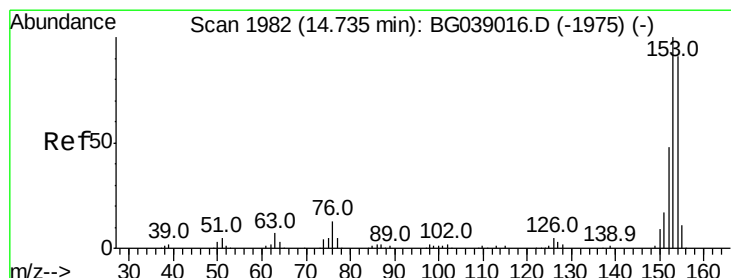
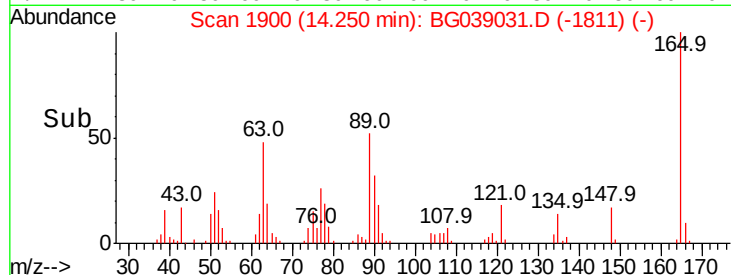
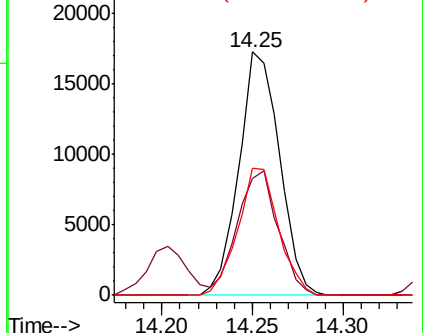
#51
 2,6-Dinitrotoluene
 Concen: 20.689 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 26941
 Ion Ratio Lower Upper
 165 100
 63 47.8 43.6 65.4
 89 52.4 43.7 65.5

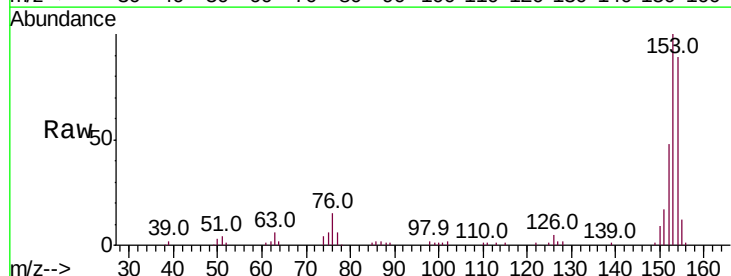


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

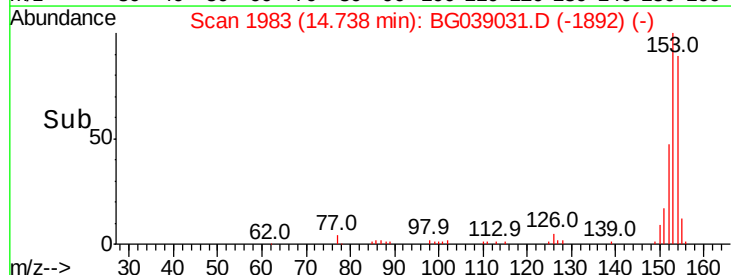
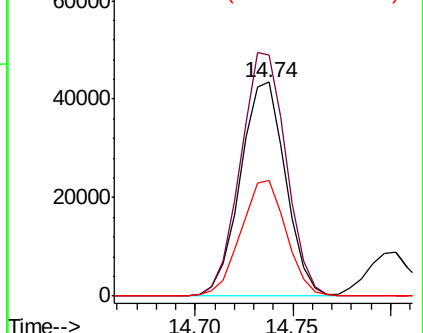


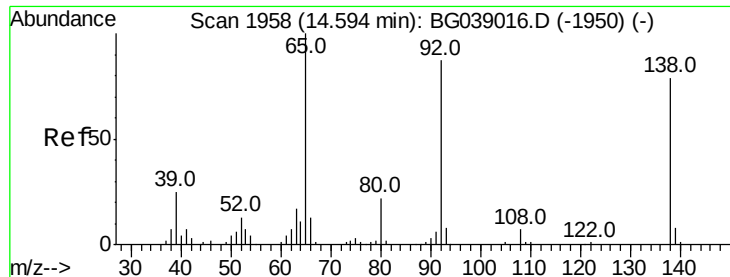
#52
 Acenaphthene
 Concen: 17.467 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Tgt Ion:154 Resp: 69714
 Ion Ratio Lower Upper
 154 100
 153 112.6 87.9 131.9
 152 54.3 42.2 63.2



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





#53

3-Nitroaniline

Concen: 19.201 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

ClientSampleId :

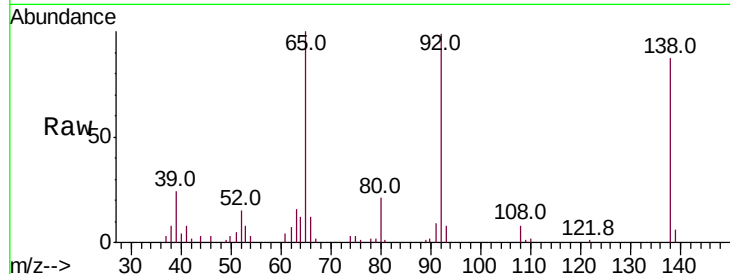
Tot Ion:138 Resp: 25364

Ion Ratio Lower Upper

138 100

108 9.5 7.4 11.0

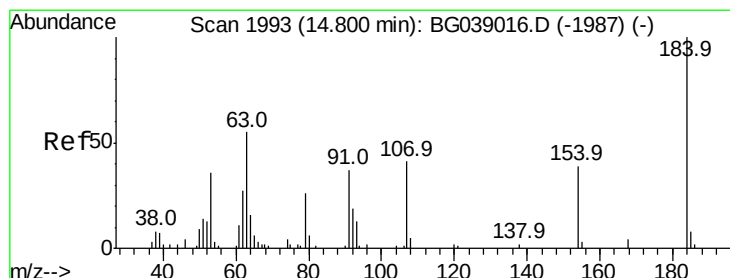
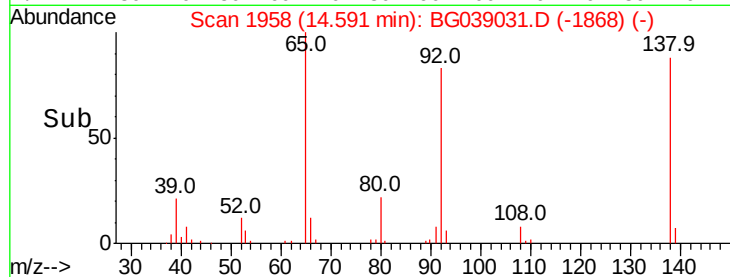
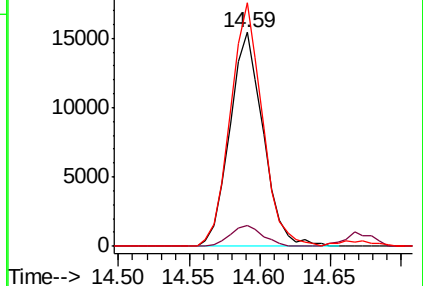
92 113.8 88.2 132.4



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: 35.151 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

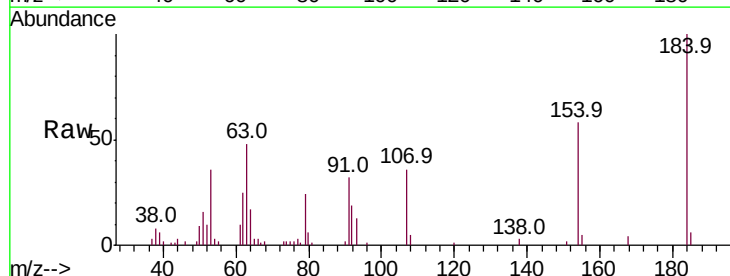
Tgt Ion:184 Resp: 24845

Ion Ratio Lower Upper

184 100

63 48.0 44.0 66.0

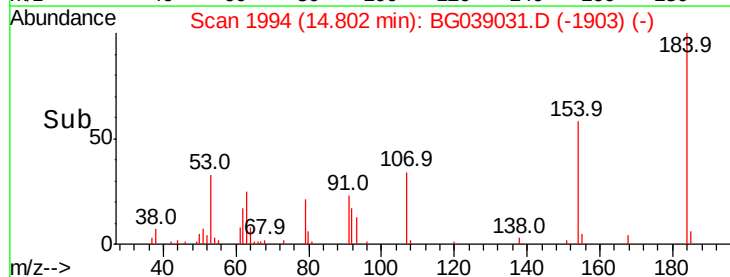
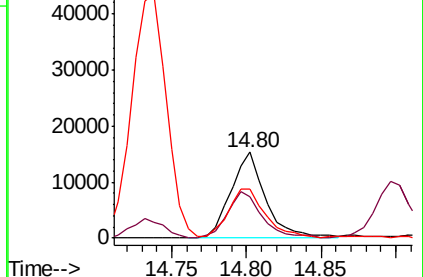
154 57.6 46.1 69.1

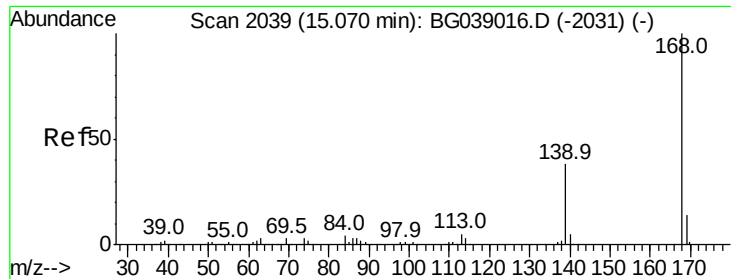


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

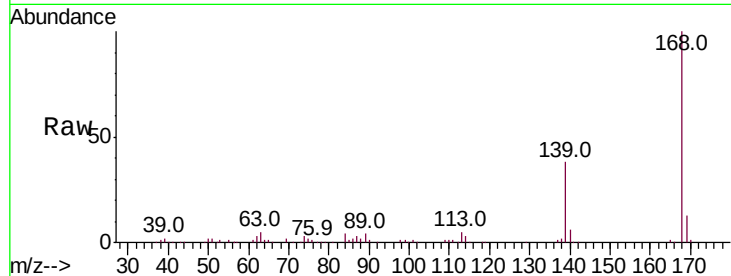




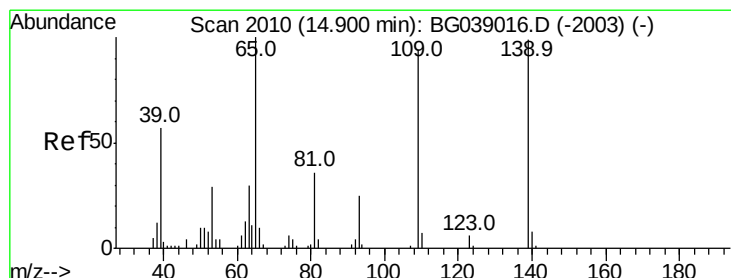
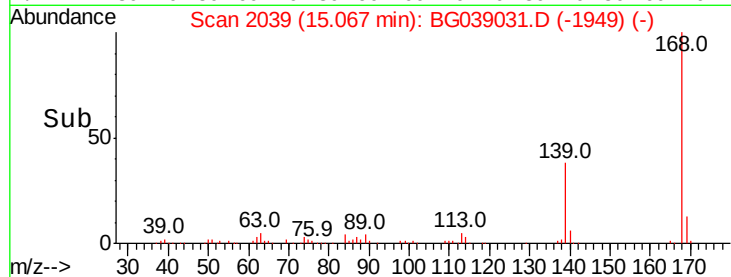
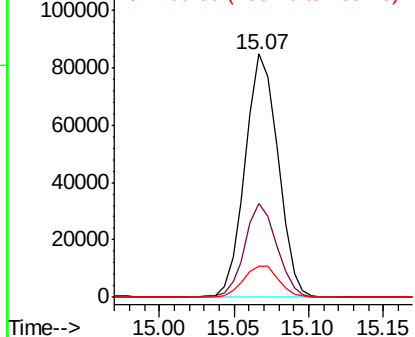
#55
Dibenzo-furan
Concen: 18.378 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 129539
Ion Ratio Lower Upper
168 100
139 38.3 30.1 45.1
169 12.9 10.9 16.3

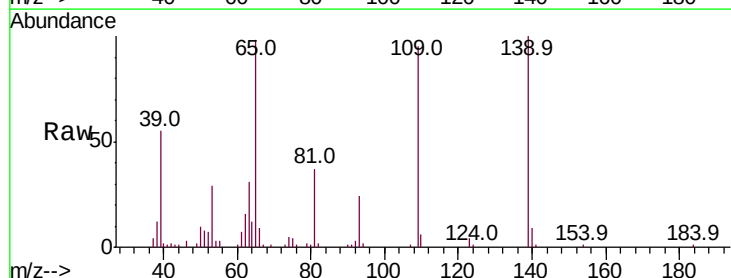


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

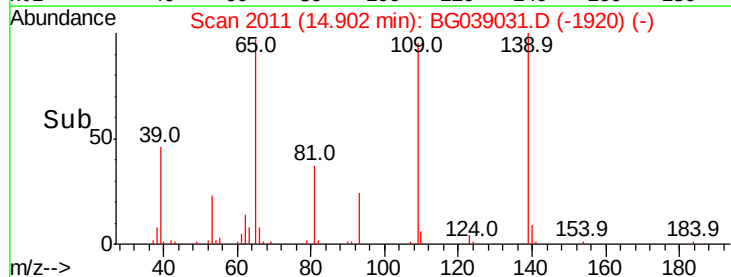
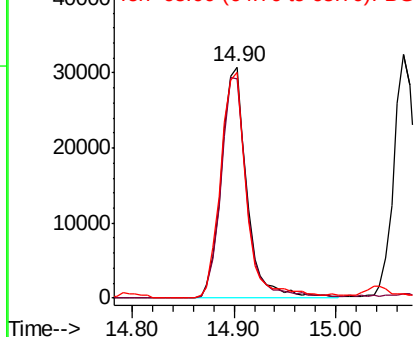


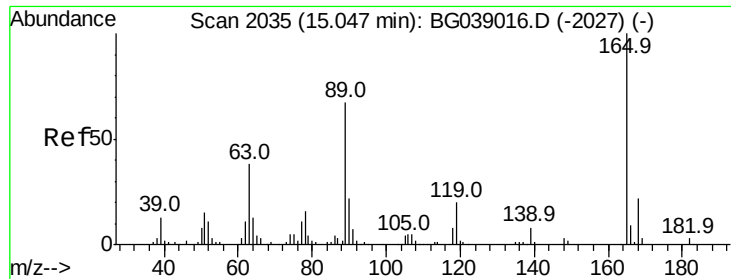
#56
4-Nitrophenol
Concen: 57.018 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion:139 Resp: 54194
Ion Ratio Lower Upper
139 100
109 95.1 75.6 115.6
65 97.7 81.2 121.2



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





#57

2,4-Dinitrotoluene

Concen: 23.451 ng

RT: 15.04 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 43811

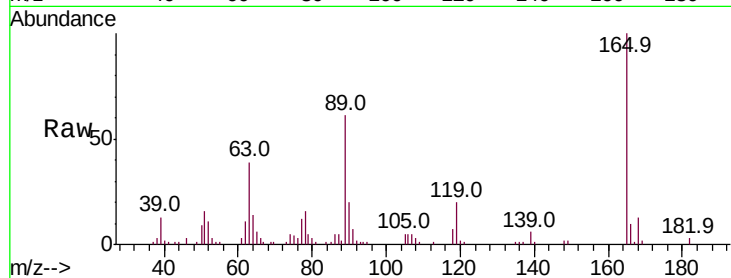
Ion Ratio Lower Upper

165 100

63 39.0 30.2 45.4

89 60.8 53.2 79.8

182 2.9 2.7 4.1

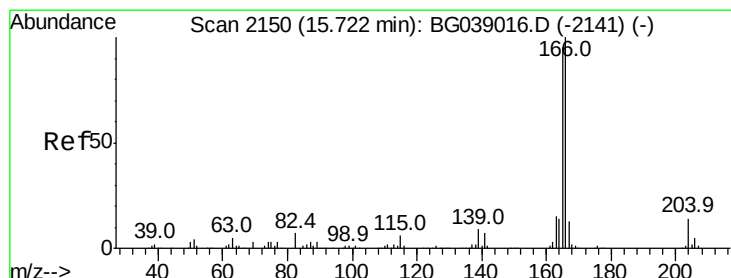
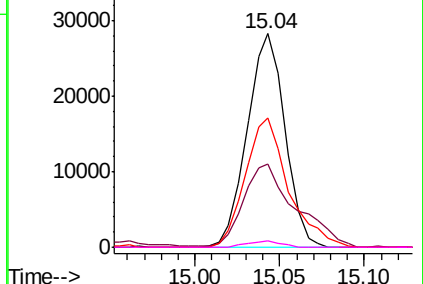
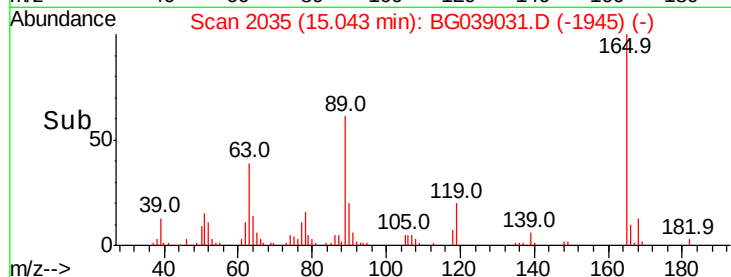


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 21.050 ng

RT: 15.72 min Scan# 2150

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

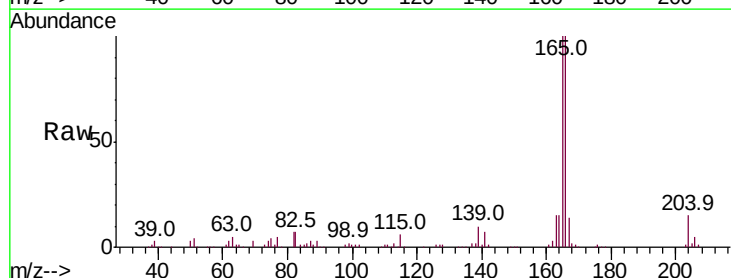
Tgt Ion:166 Resp: 111688

Ion Ratio Lower Upper

166 100

165 100.0 76.2 114.2

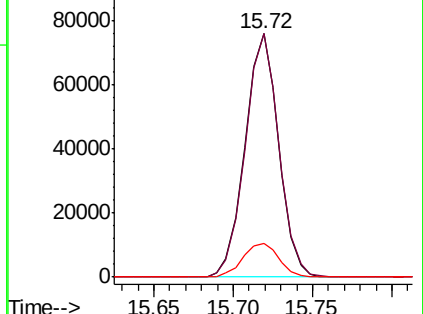
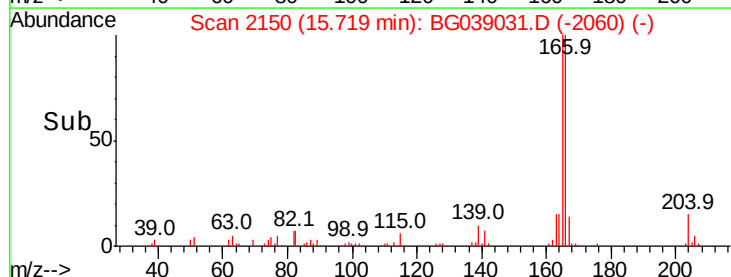
167 13.8 10.6 16.0

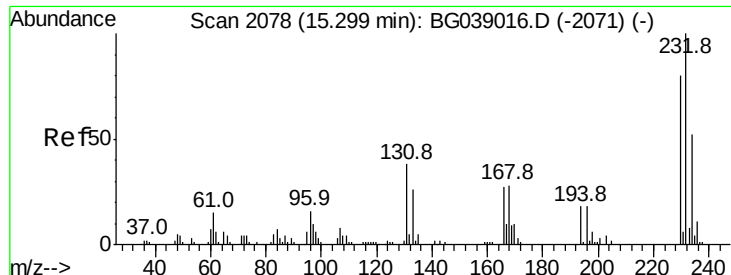


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

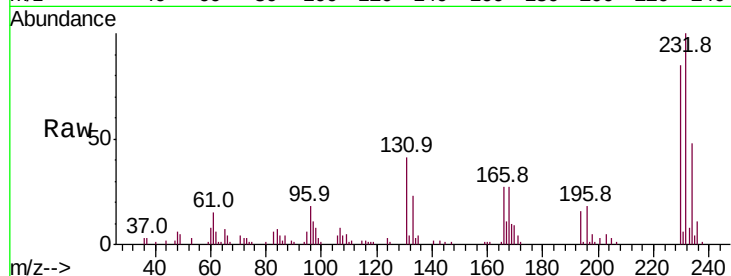




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 22.757 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.3	30.9	46.3
130	1.4	1.9	2.9
166	27.5	22.1	33.1



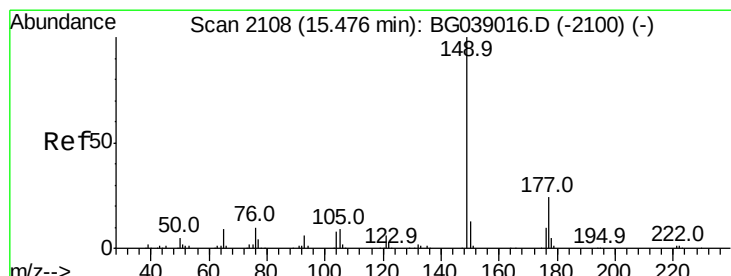
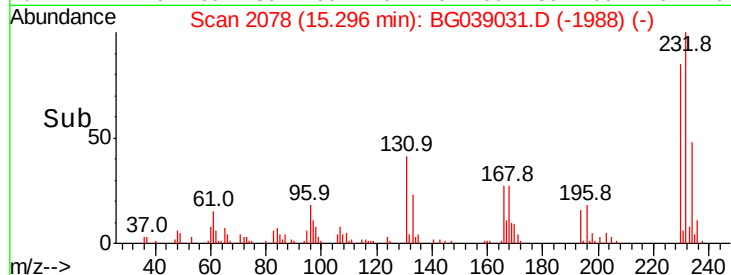
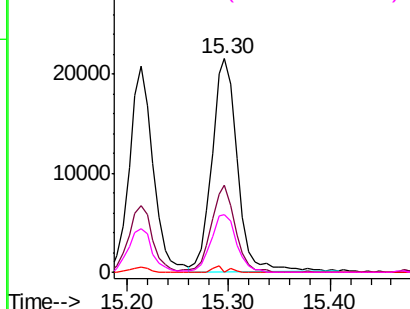
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

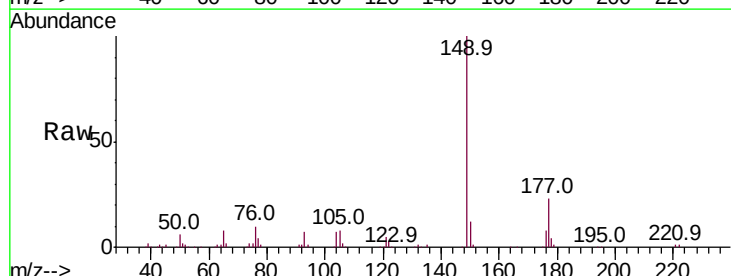
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 22.418 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	19.0	28.6
150	12.4	10.2	15.4

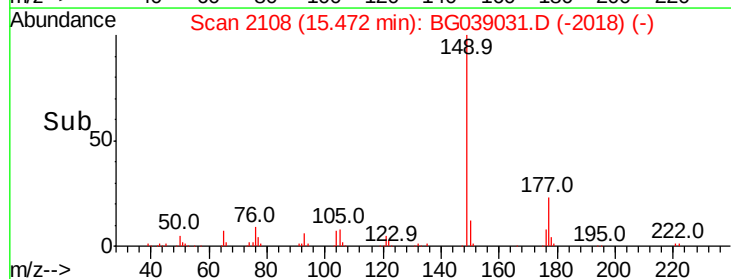
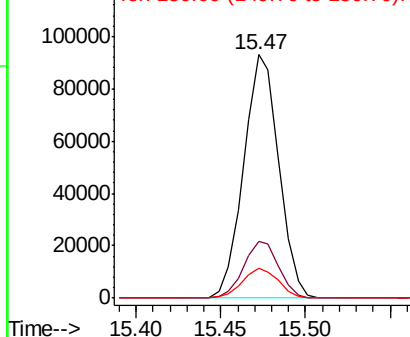


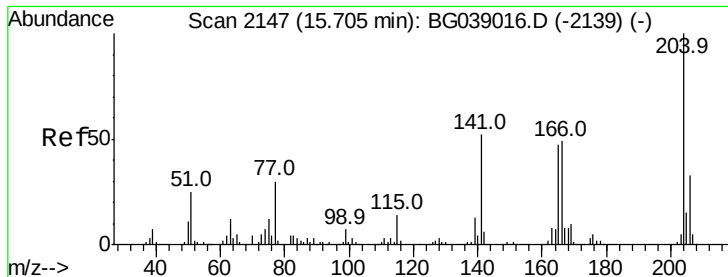
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

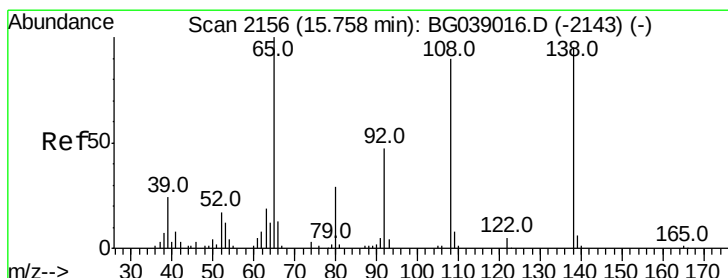
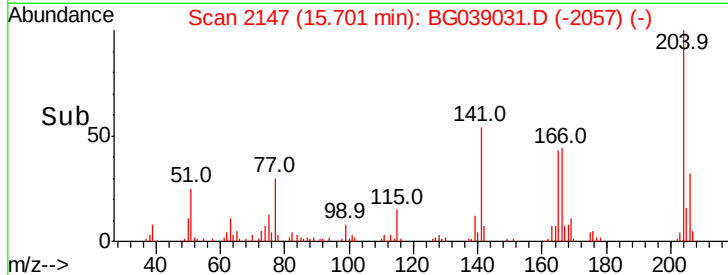
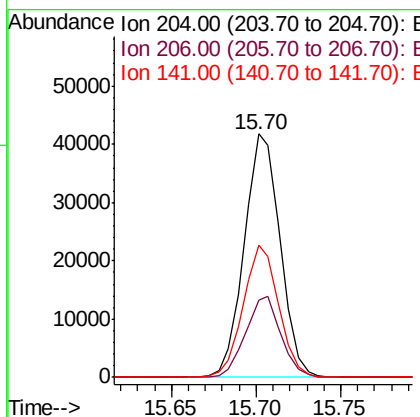
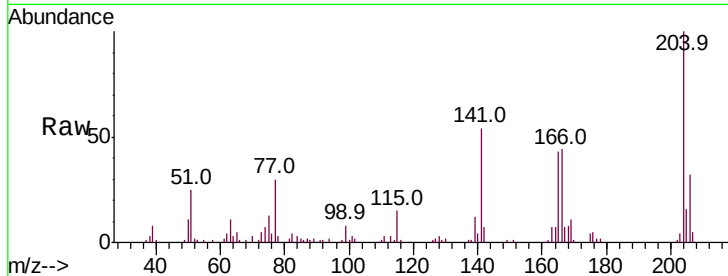




#61
 4-Chlorophenyl-phenylether
 Concen: 18.421 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

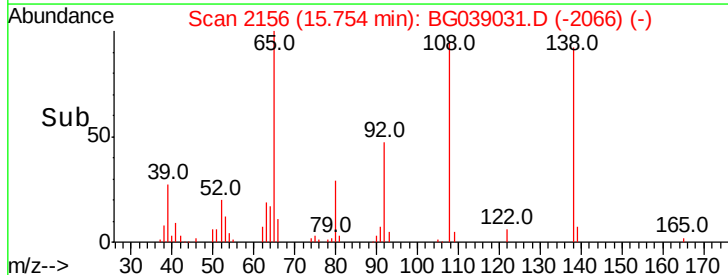
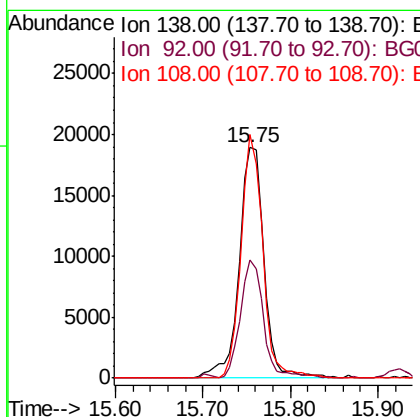
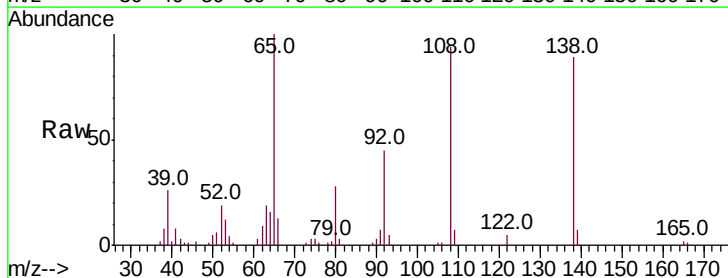
Instrument :
 BNA_G
 ClientSampled :

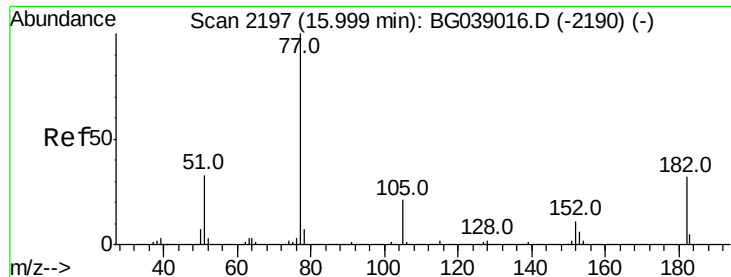
Tot Ion:204 Resp: 61576
 Ion Ratio Lower Upper
 204 100
 206 31.9 26.6 39.8
 141 54.4 41.4 62.0



#62
 4-Nitroaniline
 Concen: 26.115 ng
 RT: 15.75 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Tgt Ion:138 Resp: 35937
 Ion Ratio Lower Upper
 138 100
 92 51.0 29.7 69.7
 108 105.6 75.7 115.7





#63

Azobenzene

Concen: 19.790 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 92872

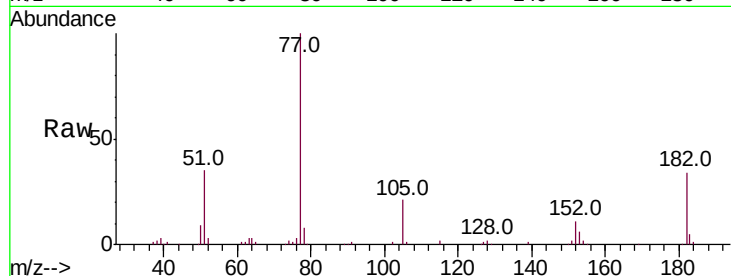
Ion Ratio Lower Upper

77 100

182 34.5 12.2 52.2

105 20.8 1.2 41.2

51 34.8 13.4 53.4

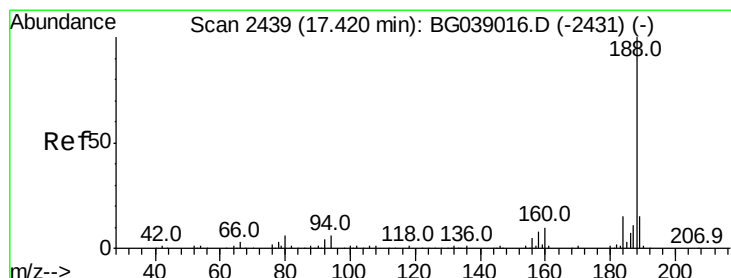
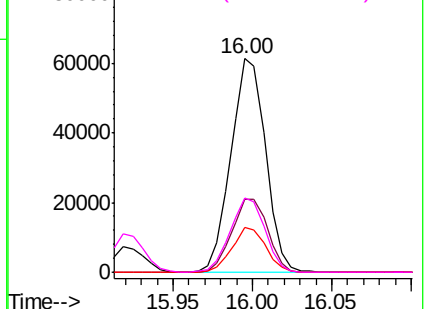
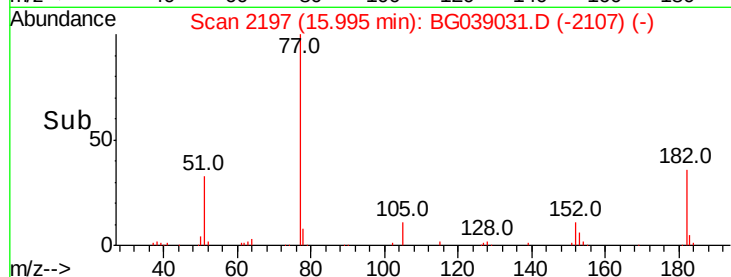


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

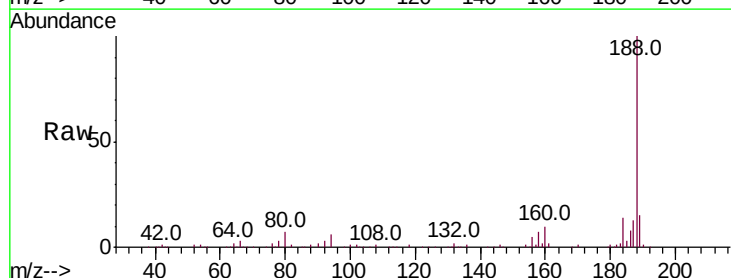
Tgt Ion: 188 Resp: 176516

Ion Ratio Lower Upper

188 100

94 5.8 5.0 7.4

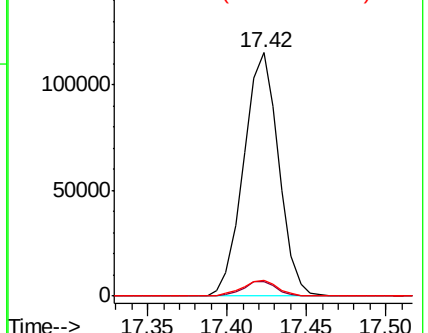
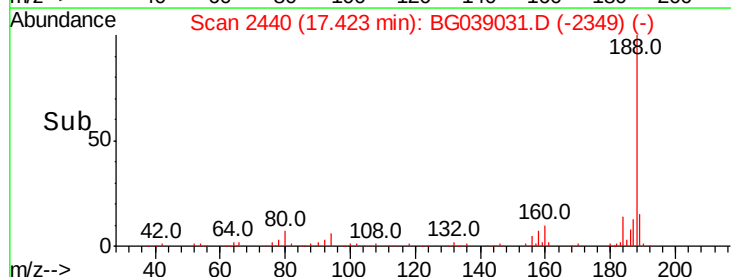
80 6.7 4.7 7.1

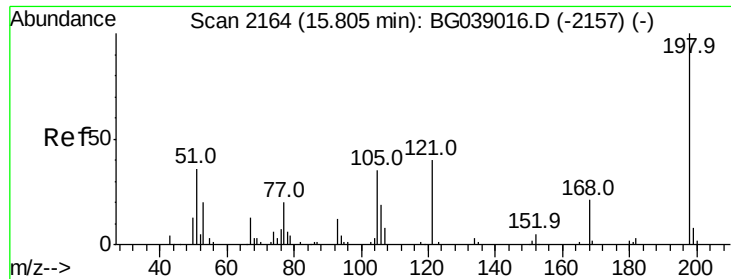


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 22.027 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

ClientSampled :

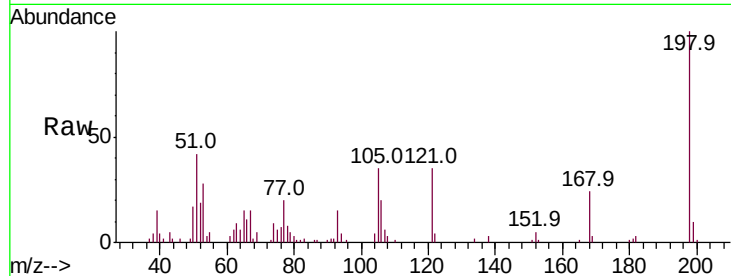
Tot Ion:198 Resp: 28806

Ion Ratio Lower Upper

198 100

51 42.3 20.8 60.8

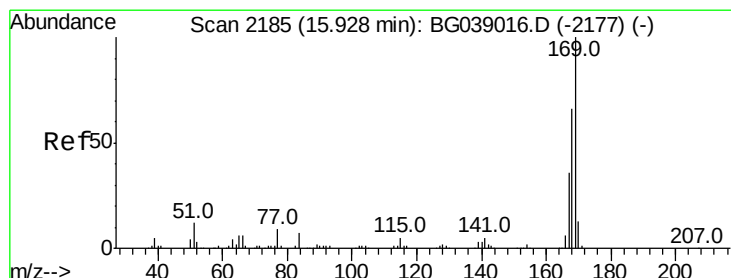
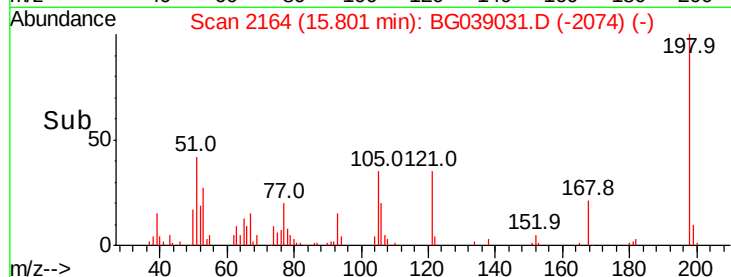
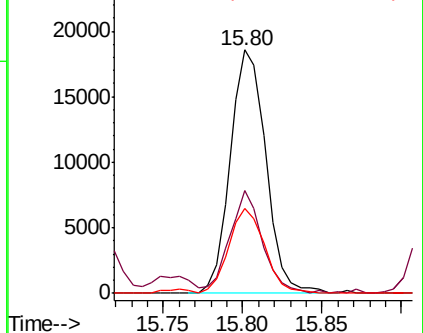
105 34.9 16.1 56.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 21.556 ng

RT: 15.92 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

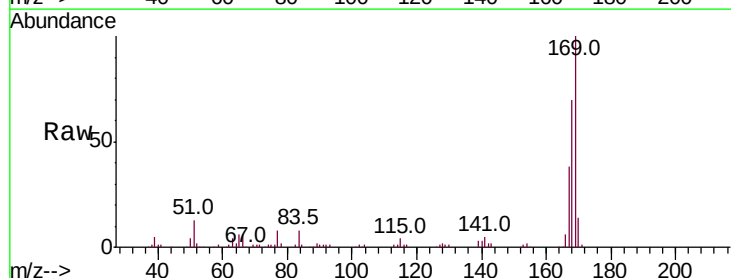
Tgt Ion:169 Resp: 112799

Ion Ratio Lower Upper

169 100

168 70.0 53.2 79.8

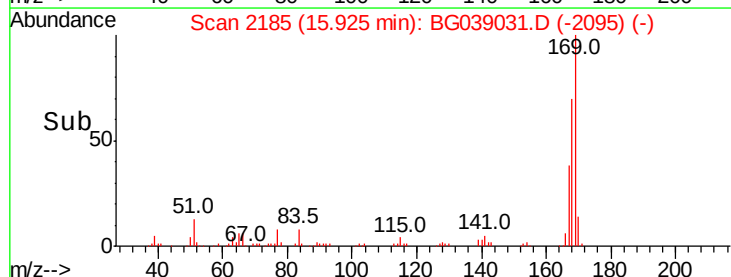
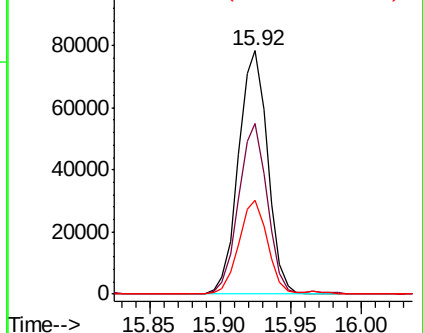
167 38.5 29.1 43.7

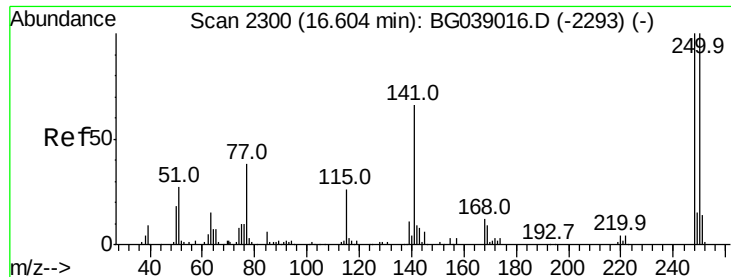


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 20.520 ng

RT: 16.60 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

ClientSampled :

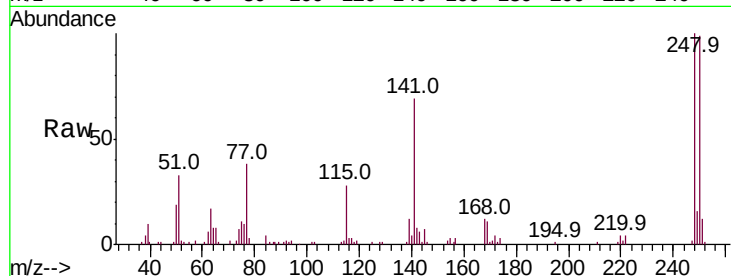
Tot Ion:248 Resp: 46560

Ion Ratio Lower Upper

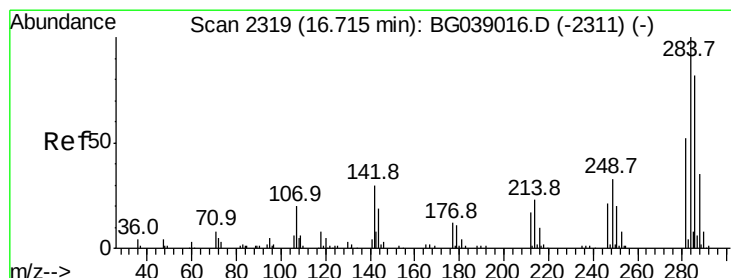
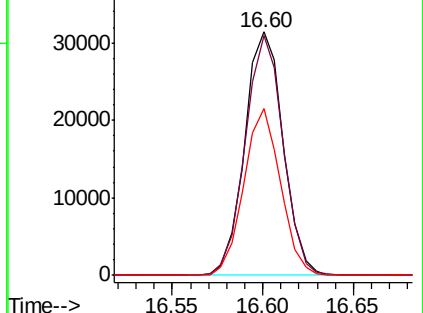
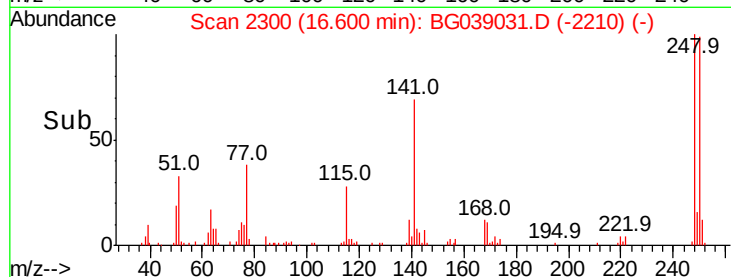
248 100

250 98.6 79.9 119.9

141 68.7 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: 21.277 ng

RT: 16.72 min Scan# 2320

Delta R.T. 0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

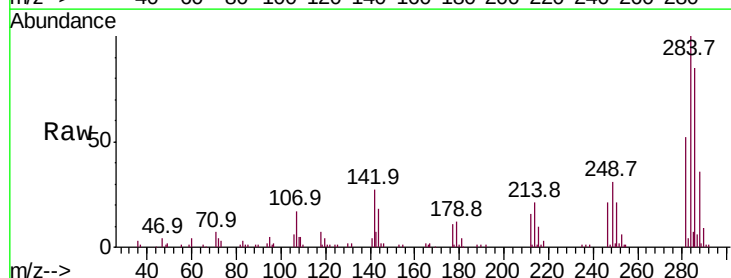
Tgt Ion:284 Resp: 52681

Ion Ratio Lower Upper

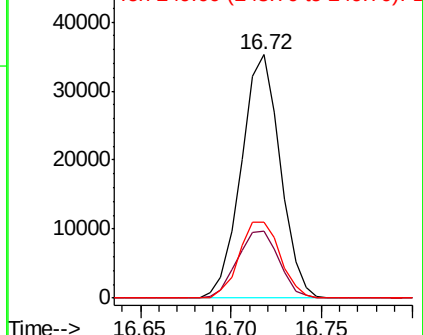
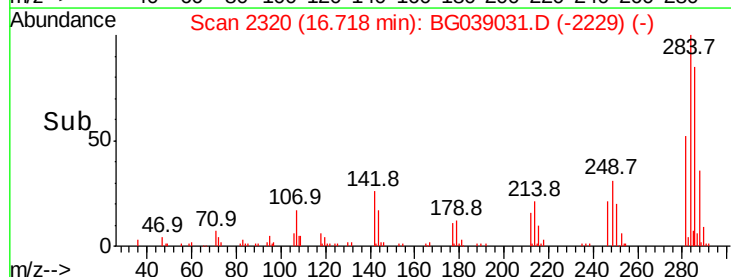
284 100

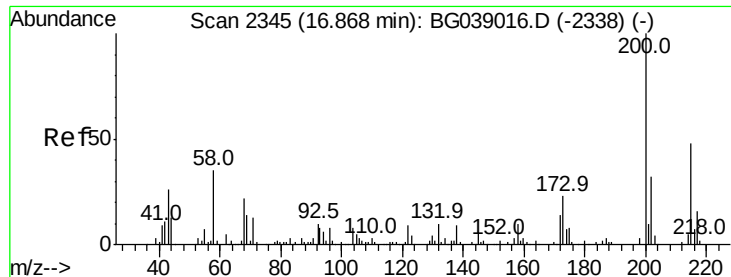
142 27.3 24.3 36.5

249 30.9 27.8 41.8



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

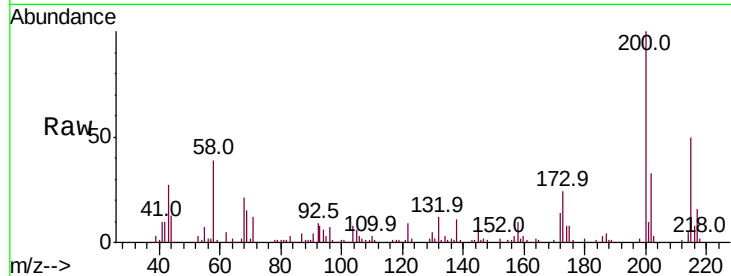




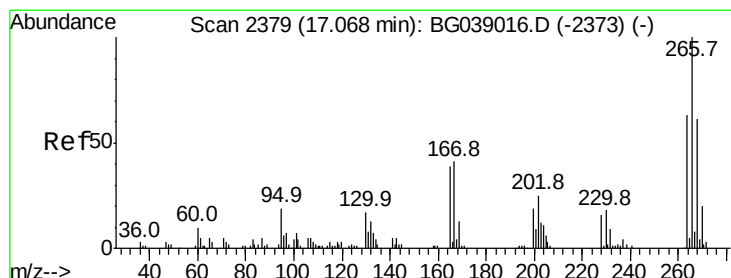
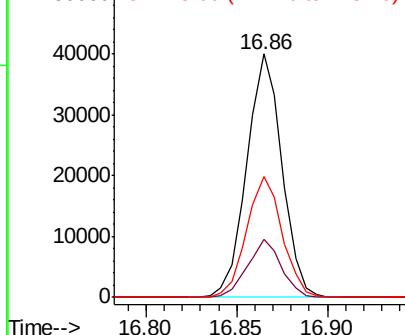
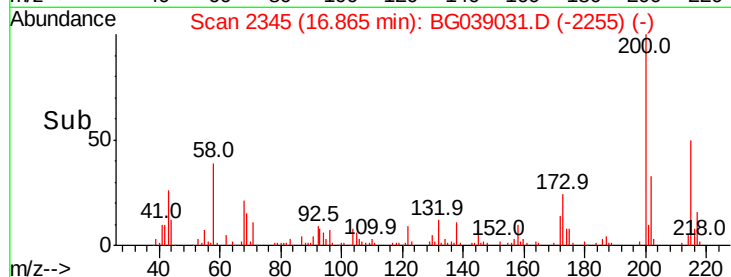
#69
 Atrazine
 Concen: 24.163 ng
 RT: 16.86 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.0	2.6	42.6
215	49.7	28.0	68.0

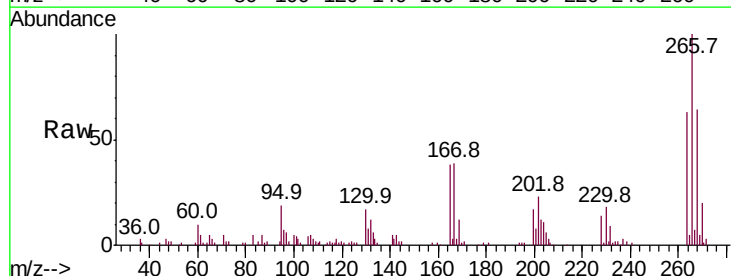


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

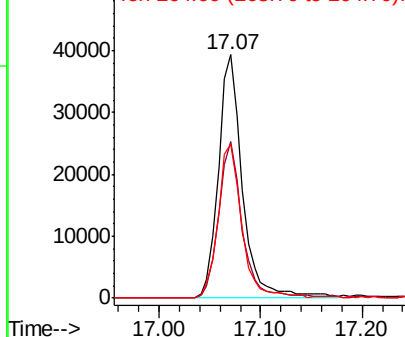
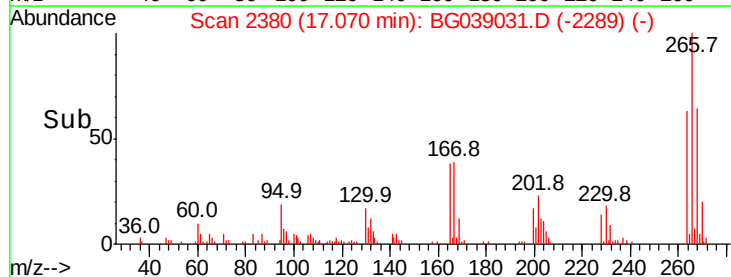


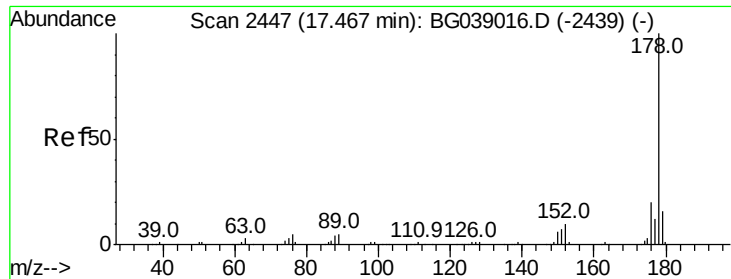
#70
 Pentachlorophenol
 Concen: 45.160 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. 0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	52.0	78.0
264	68.2	54.6	81.8



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

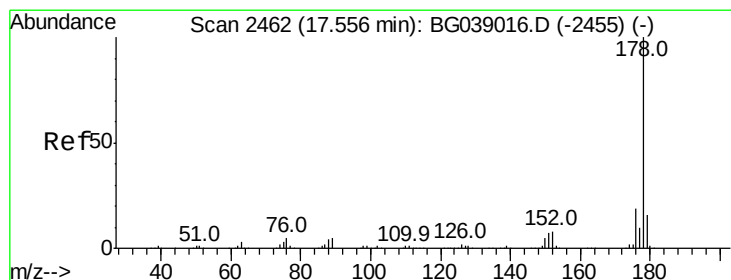
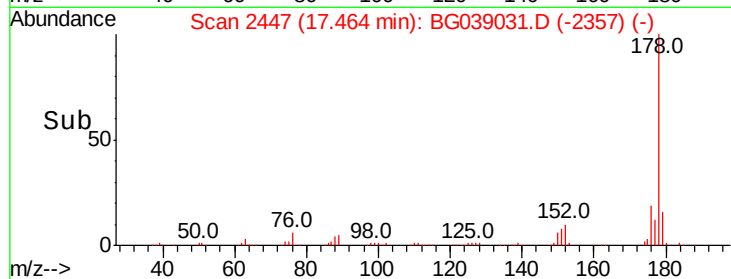
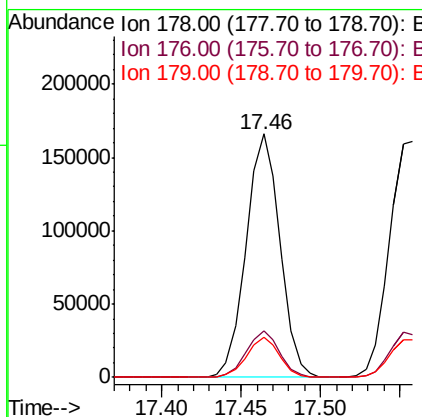
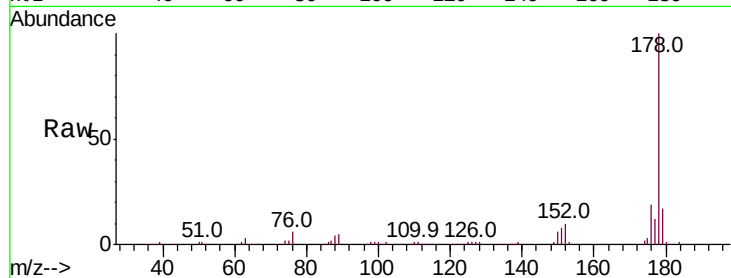




#71
Phenanthrene
Concen: 26.393 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

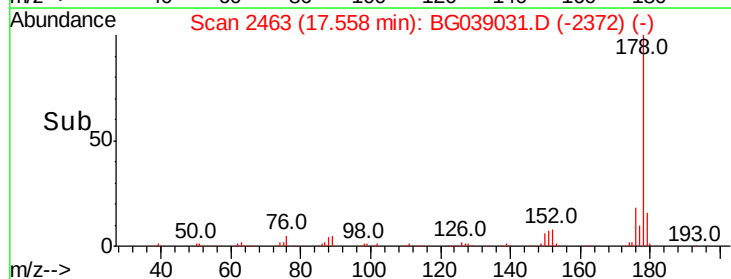
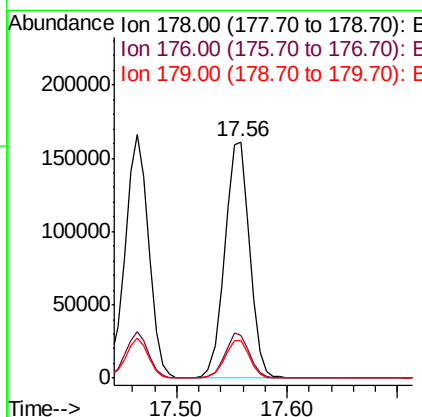
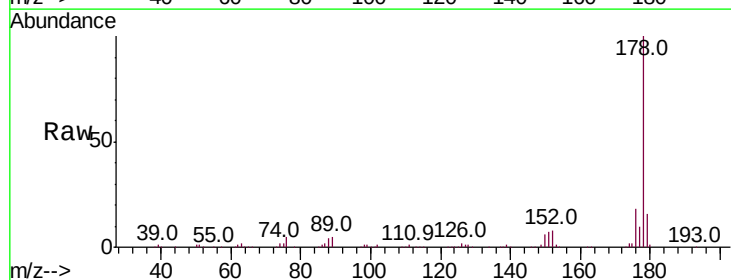
Instrument :
BNA_G
ClientSampleId :

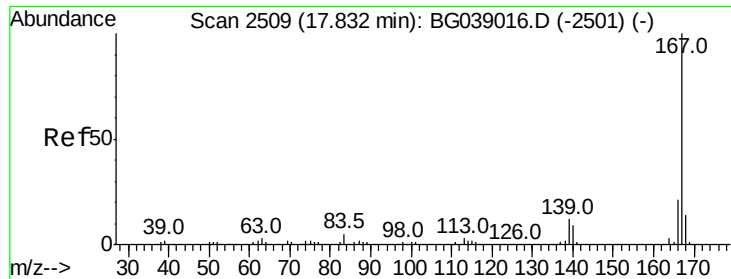
Tot Ion:178 Resp: 246252
Ion Ratio Lower Upper
178 100
176 18.9 15.7 23.5
179 16.7 12.9 19.3



#72
Anthracene
Concen: 27.474 ng
RT: 17.56 min Scan# 2463
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion:178 Resp: 253451
Ion Ratio Lower Upper
178 100
176 18.2 14.9 22.3
179 15.7 13.0 19.4

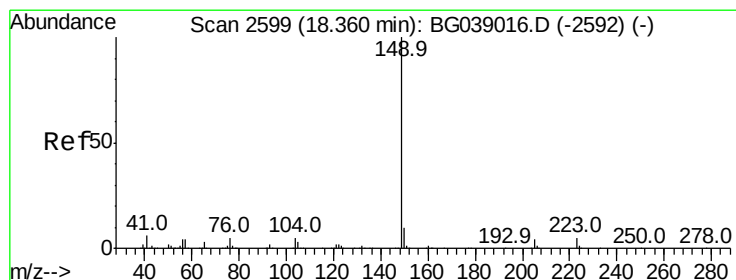
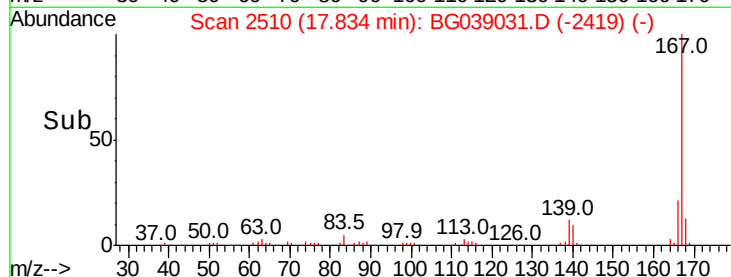
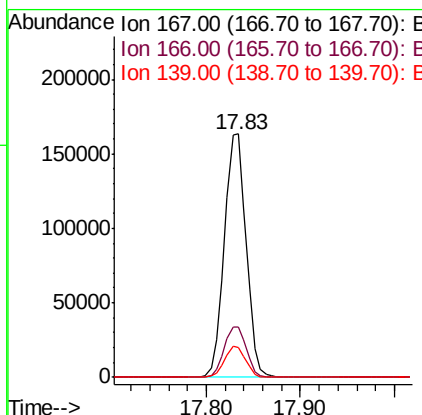
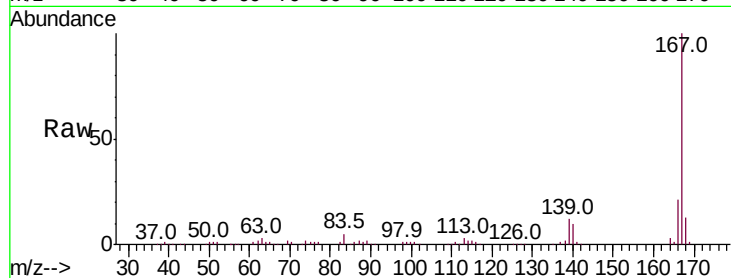




#73
 Carbazole
 Concen: 28.972 ng
 RT: 17.83 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

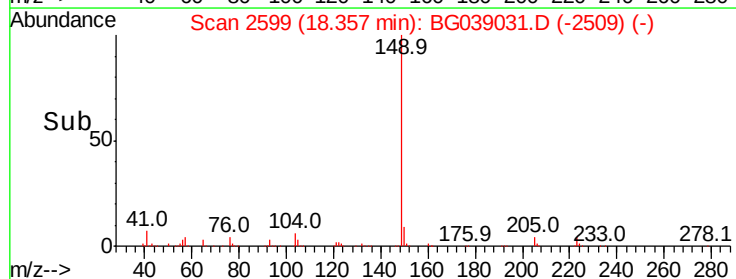
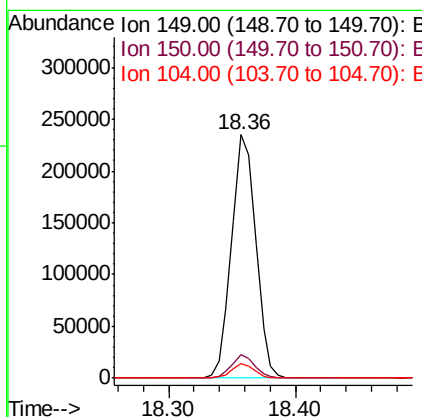
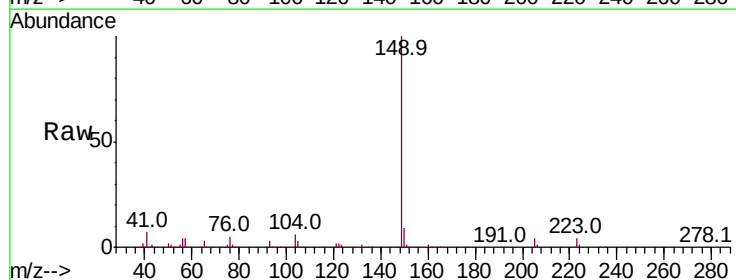
Instrument :
 BNA_G
 ClientSampleId :

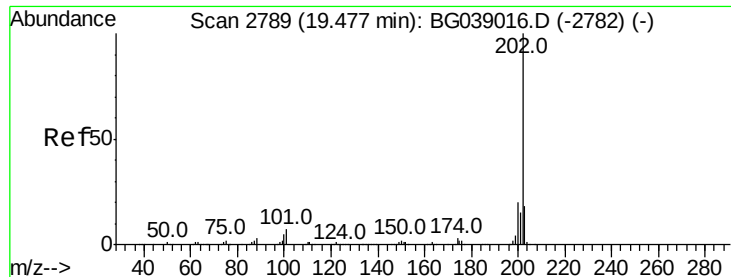
Tot Ion	Ratio	Lower	Upper
167	100		
166	20.7	16.9	25.3
139	12.2	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 30.669 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	5.7	4.2	6.2





#75

Fluoranthene

Concen: 36.234 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

ClientSampleId :

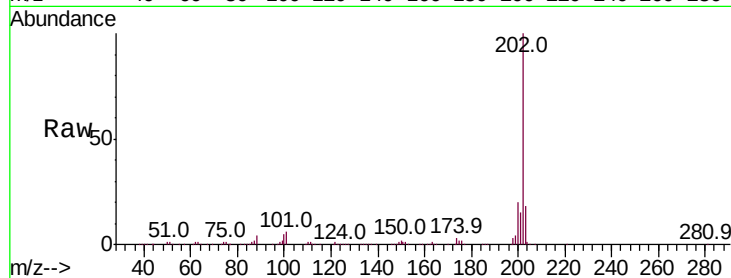
Tot Ion:202 Resp: 419096

Ion Ratio Lower Upper

202 100

101 6.3 0.0 26.9

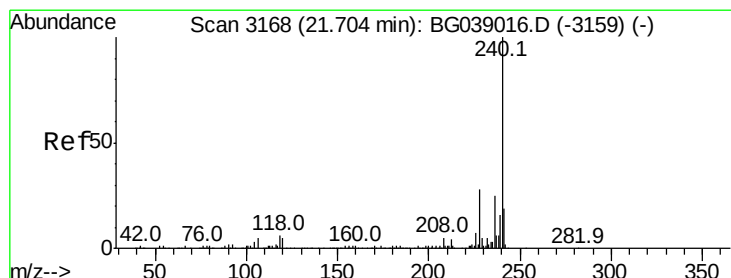
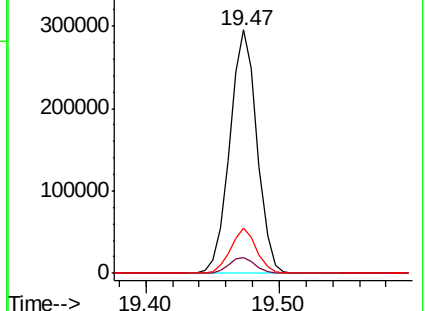
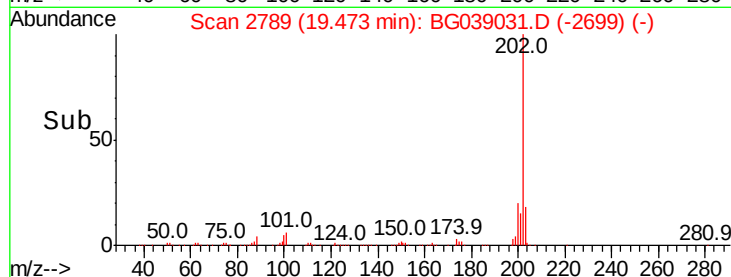
203 18.5 0.0 38.1



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: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

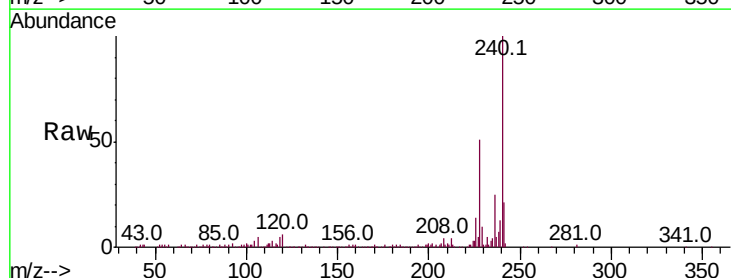
Tgt Ion:240 Resp: 176398

Ion Ratio Lower Upper

240 100

120 5.6 4.3 6.5

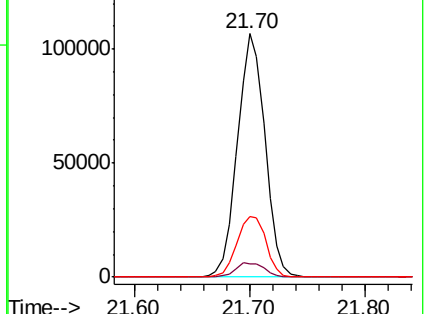
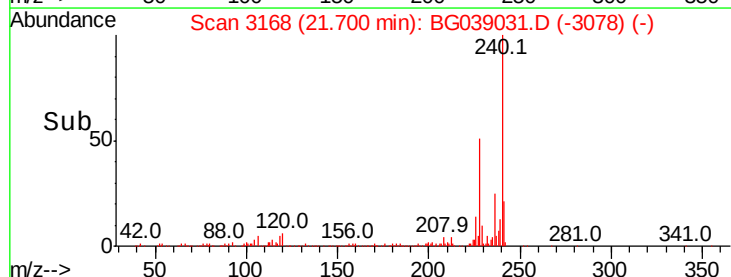
236 24.9 20.1 30.1

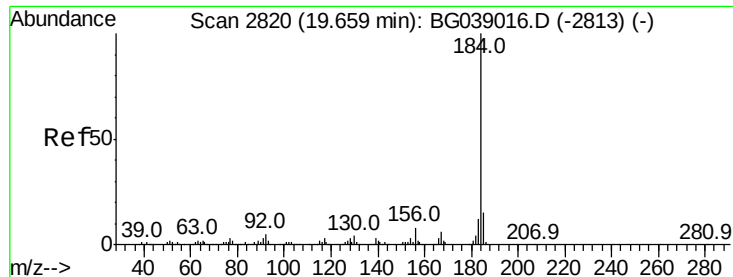


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.002 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

ClientSampleId :

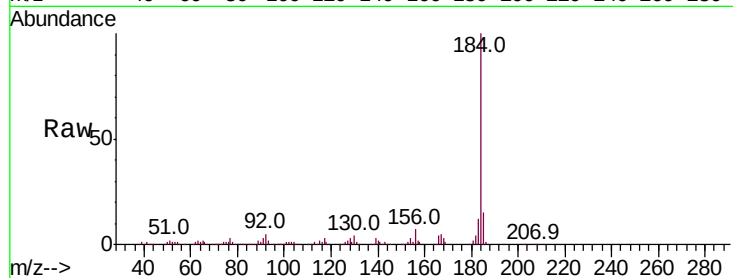
Tot Ion:184 Resp: 194241

Ion Ratio Lower Upper

184 100

185 15.3 12.1 18.1

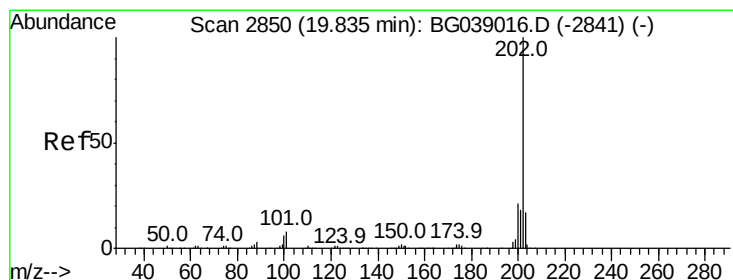
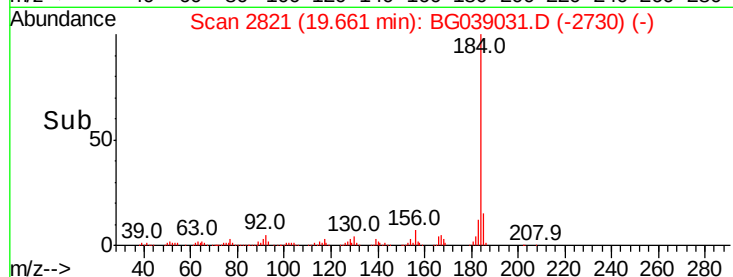
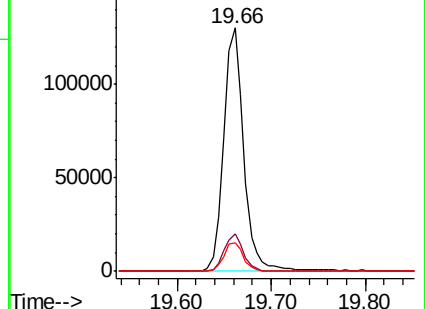
183 11.8 9.5 14.3



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: 37.710 ng

RT: 19.84 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

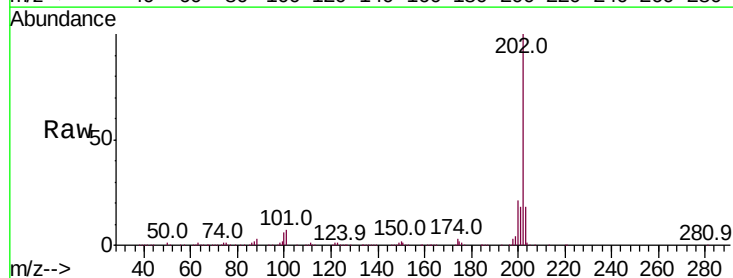
Tgt Ion:202 Resp: 423918

Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.6

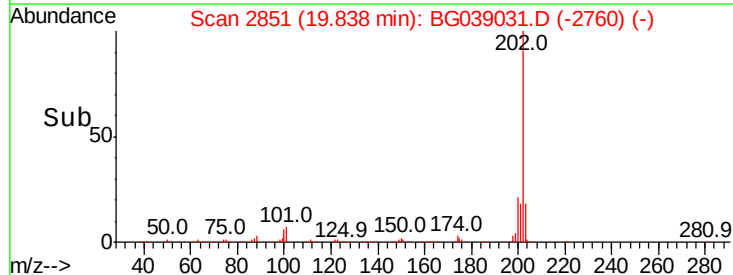
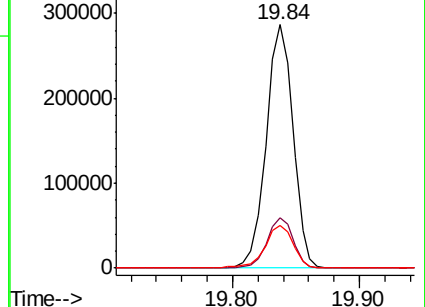
203 17.6 14.0 21.0

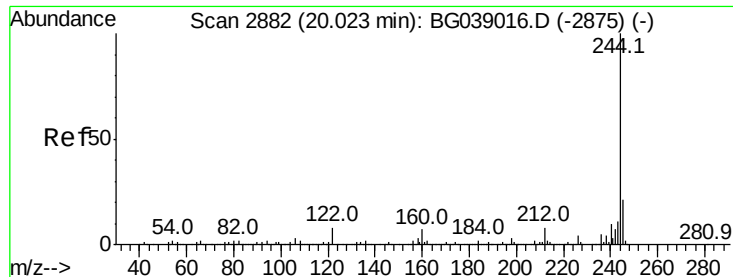


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.389 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

ClientSampleId :

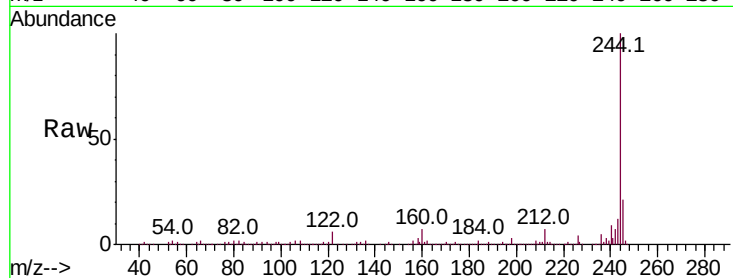
Tot Ion:244 Resp: 652131

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

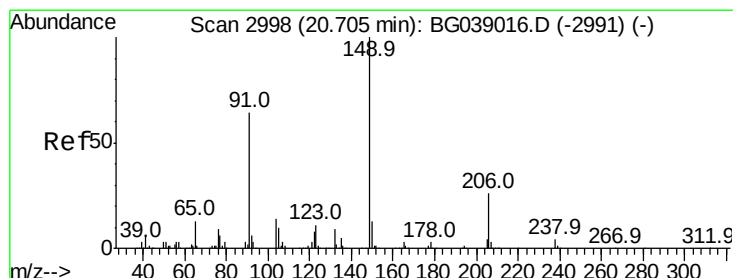
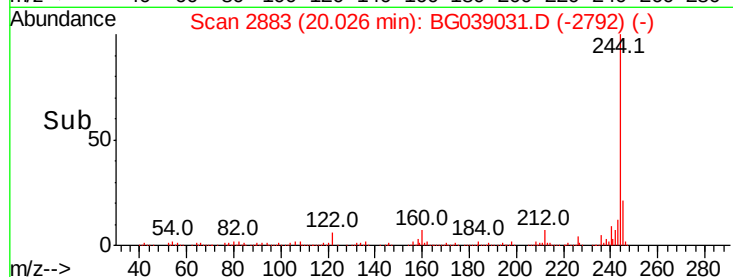
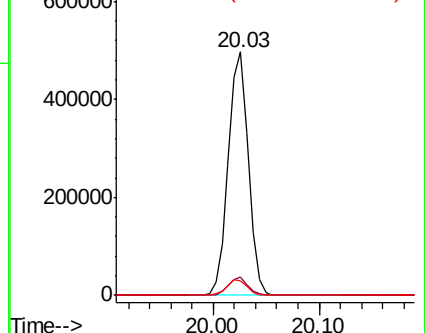
122 6.1 6.1 9.1



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: 39.637 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

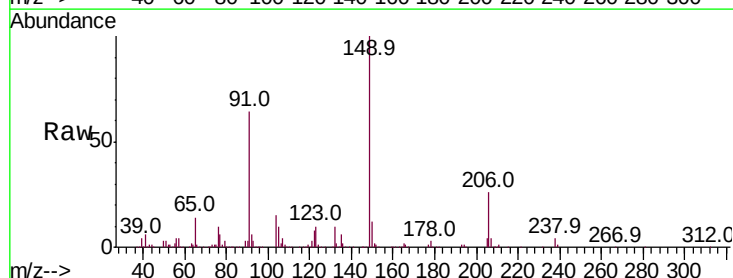
Tgt Ion:149 Resp: 169471

Ion Ratio Lower Upper

149 100

91 64.5 51.4 77.0

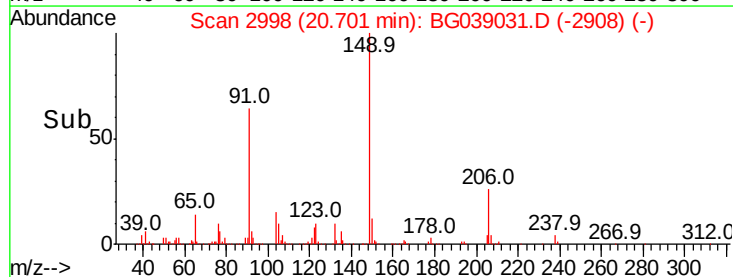
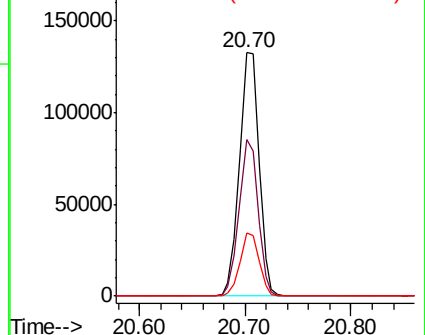
206 26.1 20.4 30.6

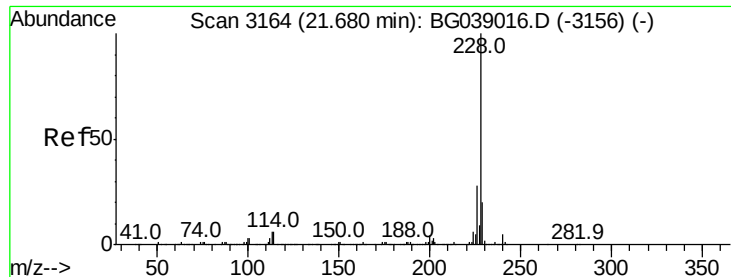


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.077 ng

RT: 21.68 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

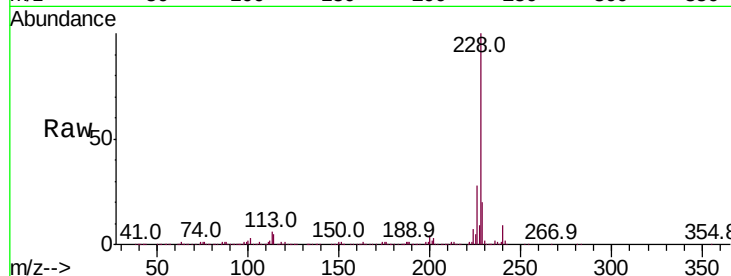
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 451833

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

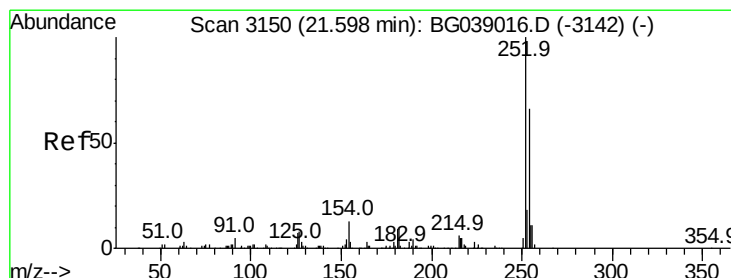
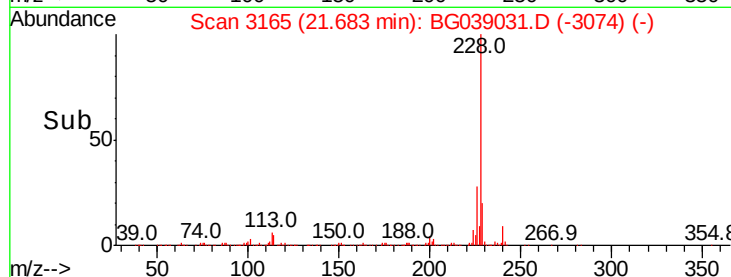
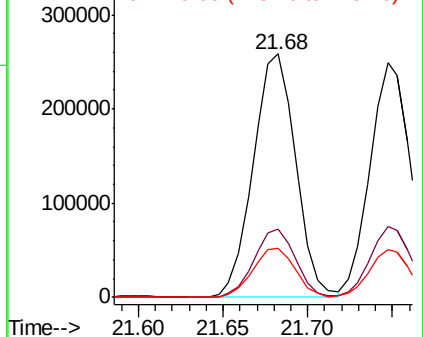


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.704 ng

RT: 21.59 min Scan# 3150

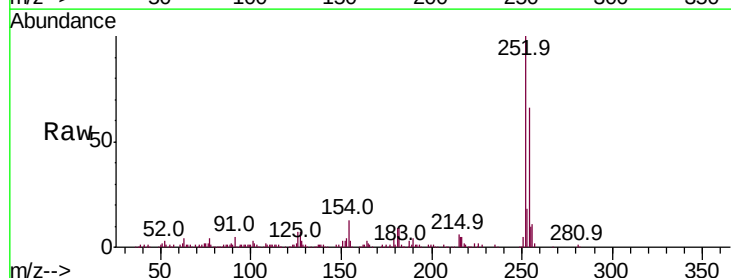
Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Tgt Ion:252 Resp: 147465

Ion	Ratio	Lower	Upper
252	100		
254	65.9	53.0	79.6
126	7.2	6.0	9.0

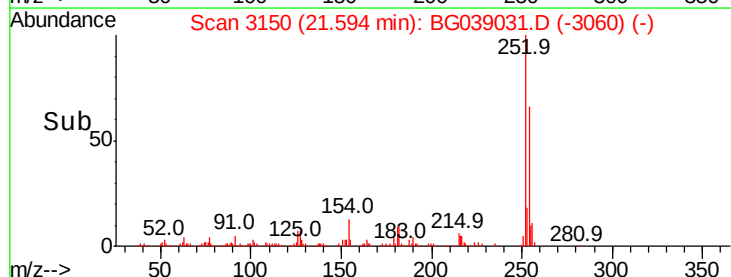
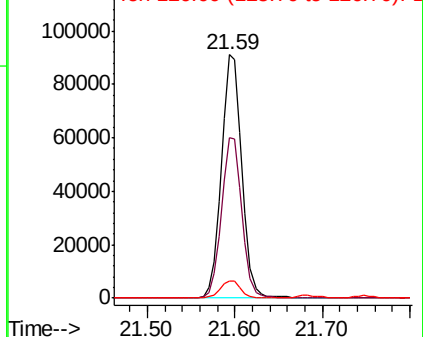


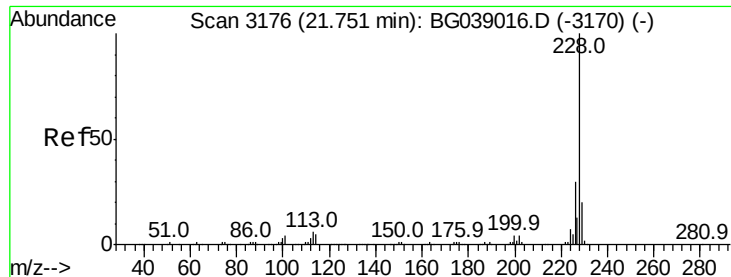
Abundance

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: 40.601 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

ClientSampleId :

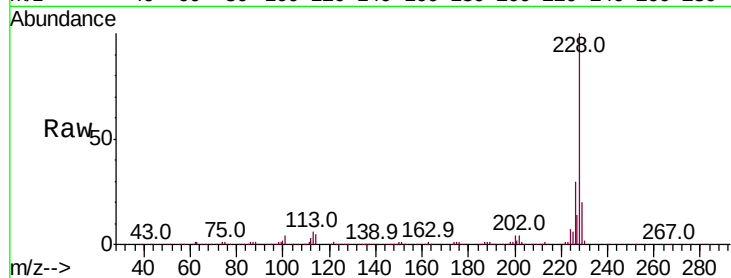
Tot Ion:228 Resp: 414654

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

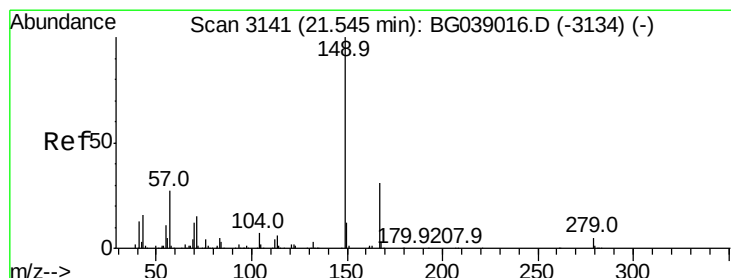
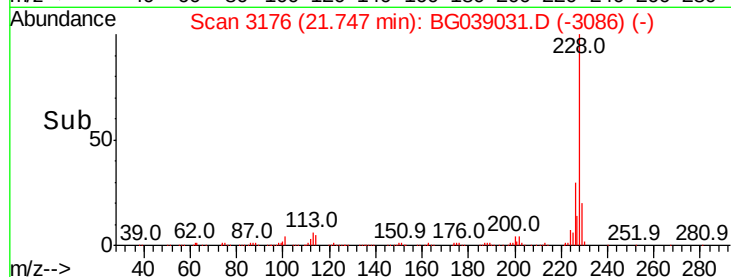
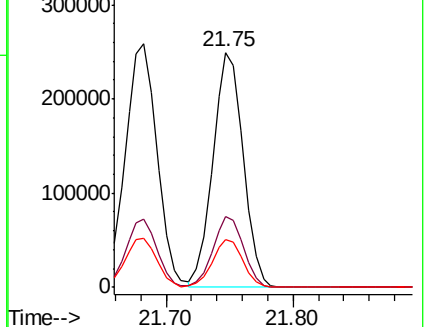
229 20.2 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.379 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

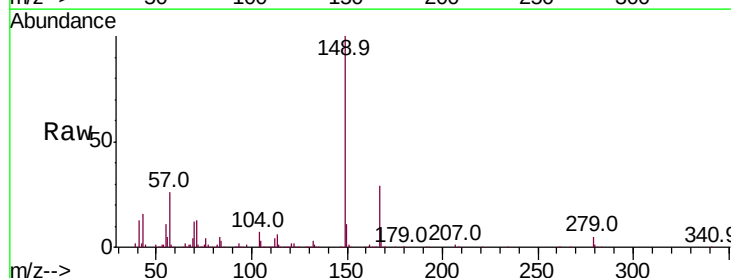
Tgt Ion:149 Resp: 239717

Ion Ratio Lower Upper

149 100

167 29.5 25.0 37.4

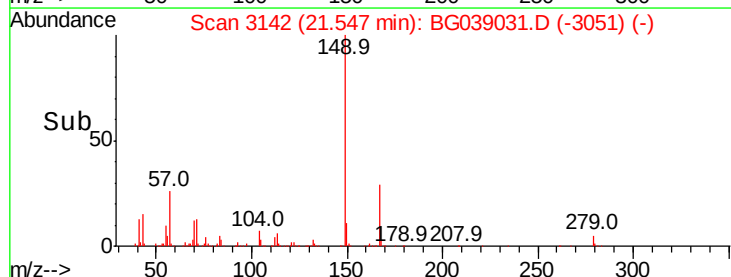
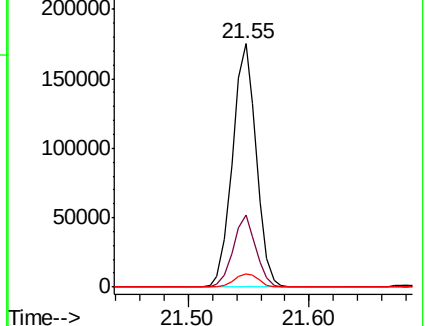
279 5.5 4.3 6.5

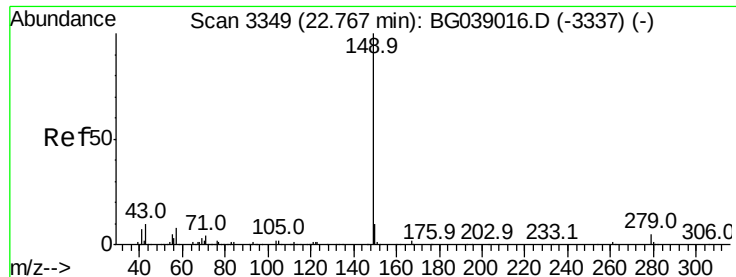


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

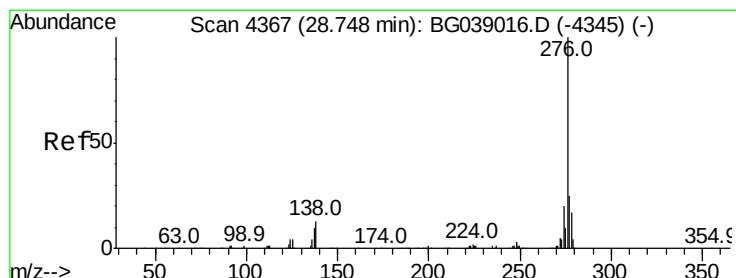
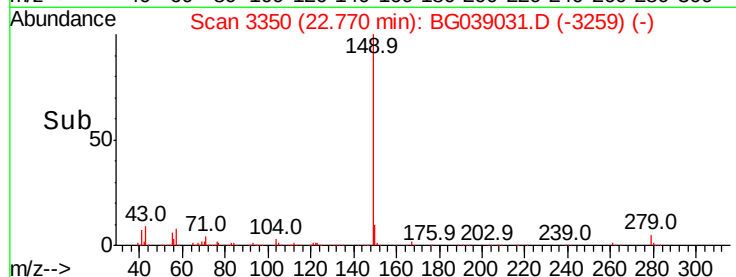
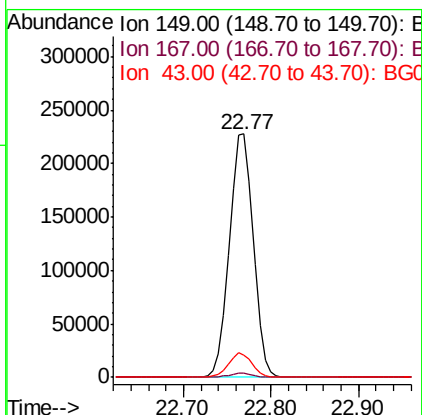
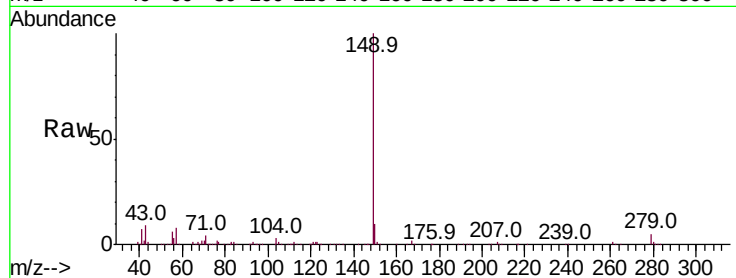




#85
Di-n-octyl phthalate
Concen: 42.068 ng
RT: 22.77 min Scan# 3350
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

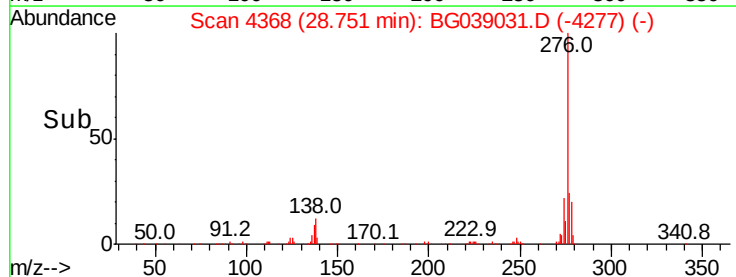
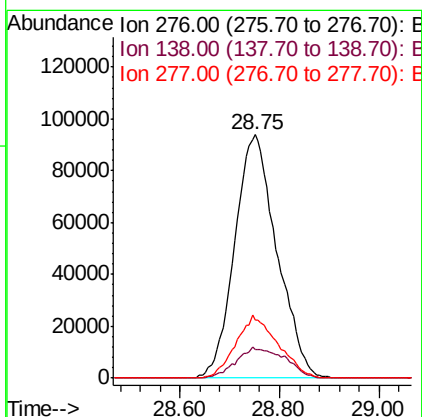
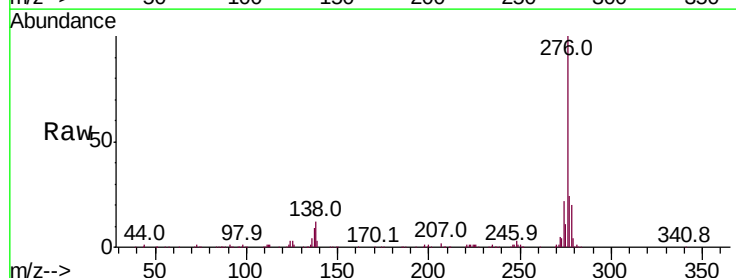
Instrument :
BNA_G
ClientSampleId :

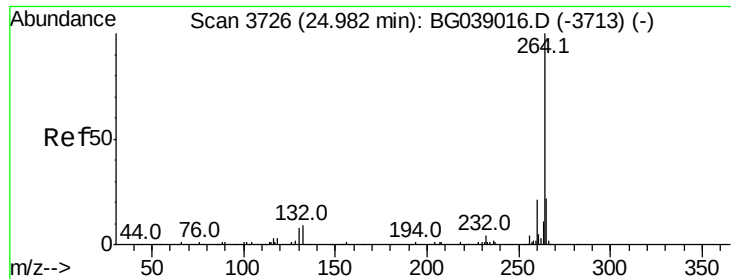
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.5	7.5	11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.265 ng
RT: 28.75 min Scan# 4368
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.6	8.0	12.0#
277	25.7	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

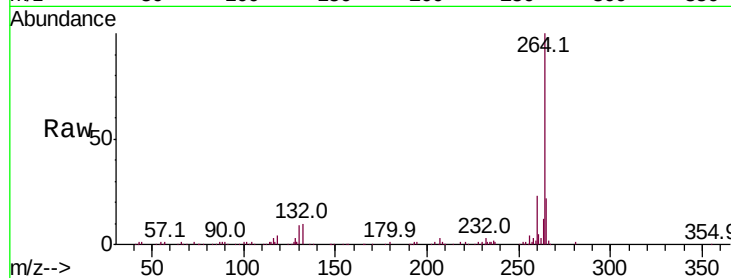
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 196356

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.0	25.6
265	22.1	17.2	25.8

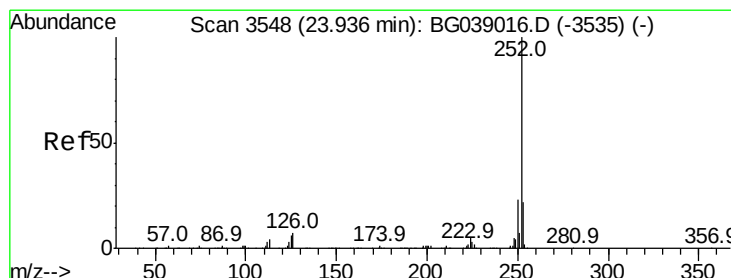
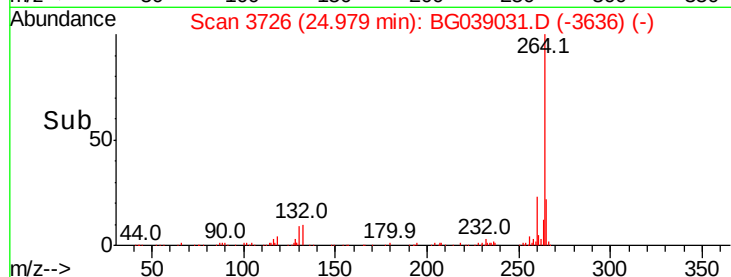
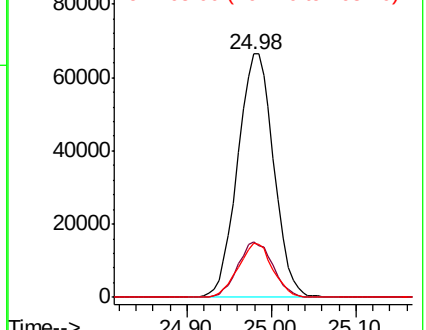


Abundance

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: 43.878 ng

RT: 23.93 min Scan# 3548

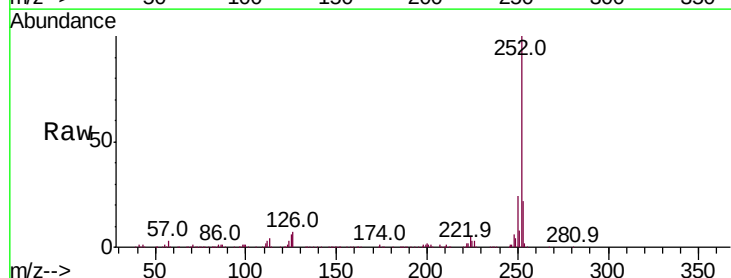
Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Tgt Ion:252 Resp: 475064

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	5.8	4.9	7.3

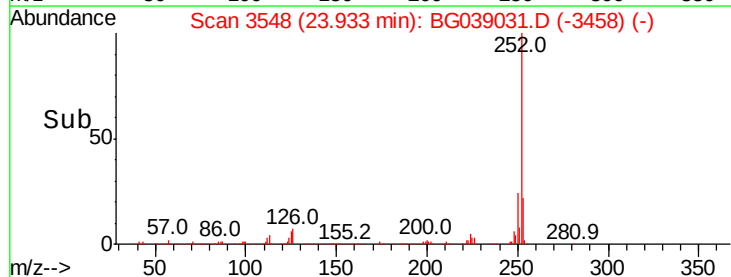
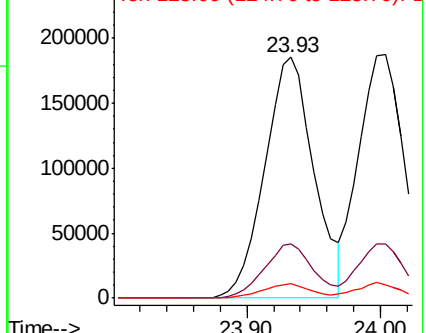


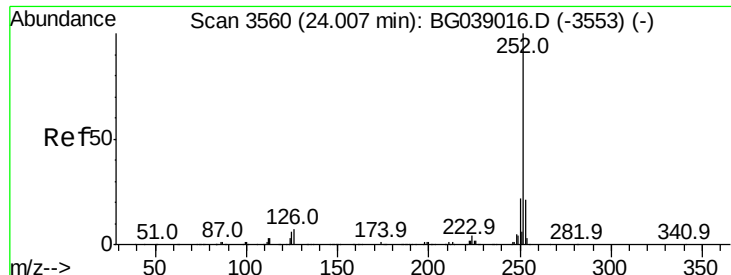
Abundance

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

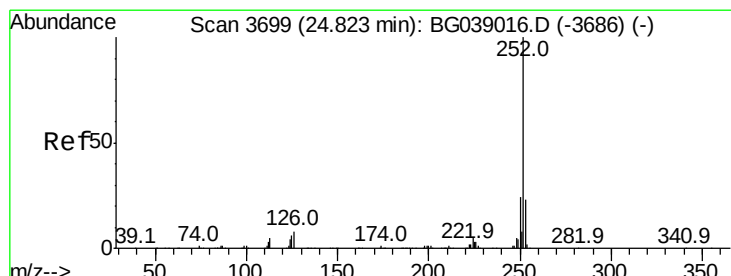
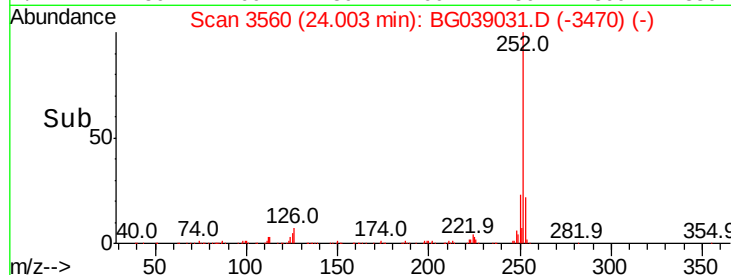
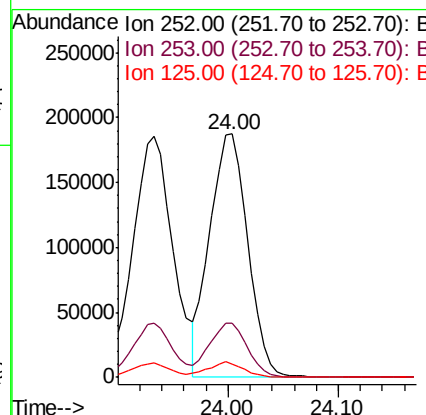
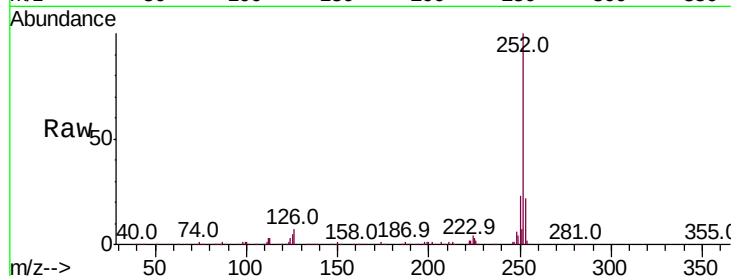




#89
Benzo(k)fluoranthene
Concen: 41.553 ng
RT: 24.00 min Scan# 3560
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

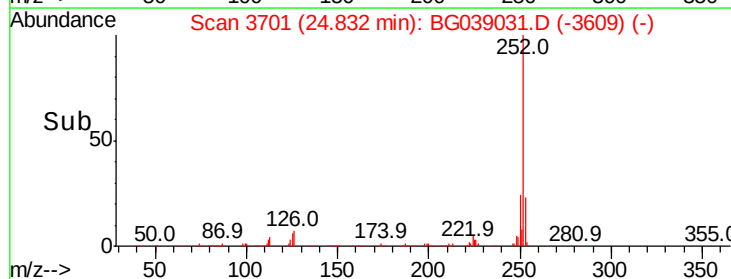
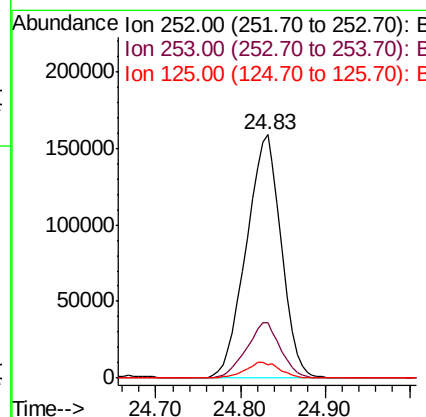
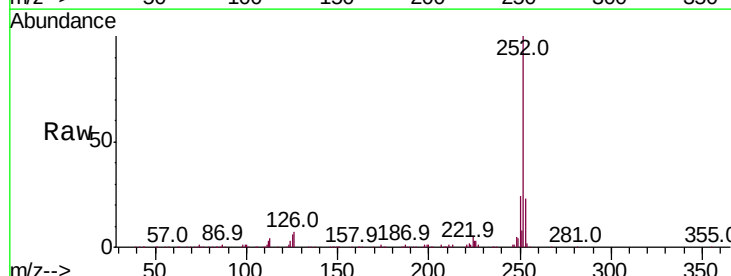
Instrument :
BNA_G
ClientSampleId :

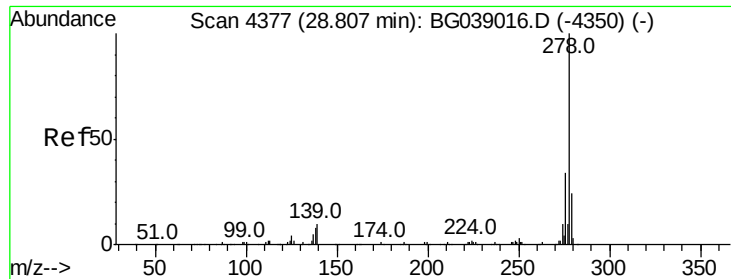
Tot Ion:252 Resp: 444827
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 5.5 4.6 7.0



#90
Benzo(a)pyrene
Concen: 43.694 ng
RT: 24.83 min Scan# 3701
Delta R.T. 0.01 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion:252 Resp: 457264
Ion Ratio Lower Upper
252 100
253 22.8 18.3 27.5
125 5.5 4.9 7.3

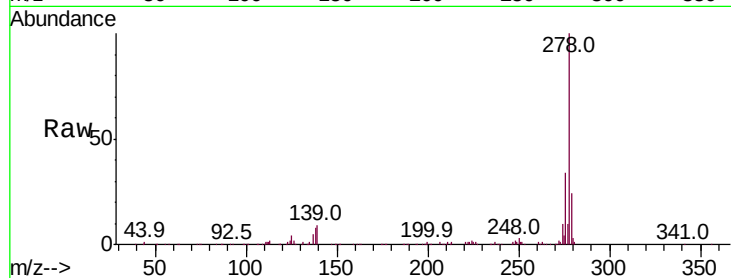




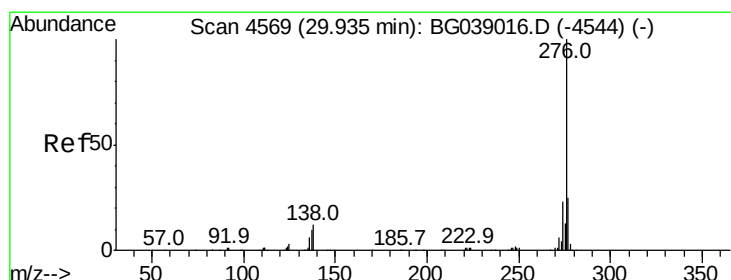
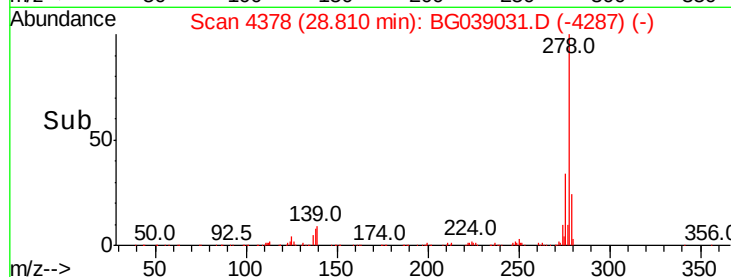
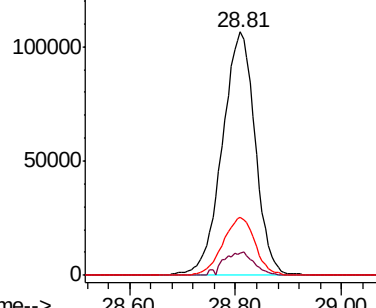
#91
Dibenzo(a,h)anthracene
Concen: 44.054 ng
RT: 28.81 min Scan# 4378
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 458572
Ion Ratio Lower Upper
278 100
139 9.1 7.9 11.9
279 23.9 19.3 28.9

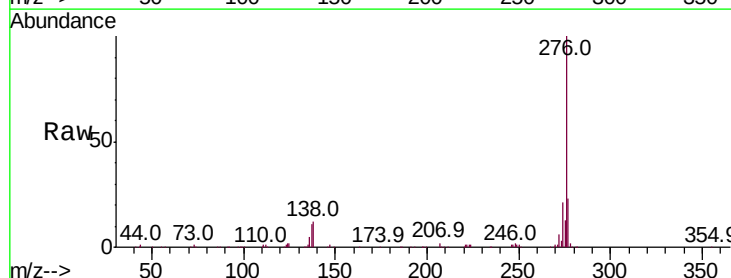


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.153 ng
RT: 29.93 min Scan# 4569
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion:276 Resp: 455004
Ion Ratio Lower Upper
276 100
277 22.9 20.3 30.5
138 12.3 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

