

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039013.D
 Acq On : 9 Jan 2019 9:42
 Operator : JU/SJ
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 09 12:55:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 12:51:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	18195	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	77308	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	56720	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	156062	20.00	ng	0.00
76) Chrysene-d12	21.70	240	185361	20.00	ng	0.00
87) Perylene-d12	24.98	264	191699	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	4738	4.62	ng	0.00
7) Phenol-d6	7.19	99	6845	4.86	ng	0.00
23) Nitrobenzene-d5	9.21	82	6836	4.52	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	4458	5.70	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	21762	5.26	ng	0.00
79) Terphenyl-d14	20.02	244	53231	6.25	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.46	88	1010	2.115	ng	91
3) Pyridine	3.89	79	1373	1.044	ng	# 84
4) n-Nitrosodimethylamine	3.81	42	763	1.185	ng	# 95
6) Aniline	7.36	93	4045	2.250	ng	# 91
8) 2-Chlorophenol	7.60	128	2809	2.366	ng	91
9) Benzaldehyde	7.17	77	2359	2.582	ng	# 83
10) Phenol	7.22	94	3320	2.219	ng	97
11) bis(2-Chloroethyl)ether	7.45	93	2813	2.361	ng	97
12) 1,3-Dichlorobenzene	7.92	146	3778	2.692	ng	99
13) 1,4-Dichlorobenzene	8.07	146	3798	2.642	ng	95
14) 1,2-Dichlorobenzene	8.07	146	3798	2.802	ng	91
15) Benzyl Alcohol	8.28	79	2121	1.930	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.55	45	5300	1.942	ng	97
17) 2-Methylphenol	8.48	107	2302	2.296	ng	# 89
18) Hexachloroethane	9.11	117	1231	2.343	ng	89
19) n-Nitroso-di-n-propylamine	8.83	70	2244	2.269	ng	# 86
20) 3+4-Methylphenols	8.81	107	3155	2.279	ng	84
22) Acetophenone	8.87	105	4688	2.428	ng	# 92
24) Nitrobenzene	9.25	77	3496	2.284	ng	# 97
25) Isophorone	9.76	82	5794	2.131	ng	97
26) 2-Nitrophenol	9.97	139	1679	2.143	ng	# 80
27) 2,4-Dimethylphenol	10.01	122	2450	2.182	ng	93
28) bis(2-Chloroethoxy)methane	10.25	93	3395	2.213	ng	# 88
29) 2,4-Dichlorophenol	10.51	162	2754	2.205	ng	92
30) 1,2,4-Trichlorobenzene	10.71	180	4051	2.685	ng	95
31) Naphthalene	10.90	128	10251	2.691	ng	# 95
32) Benzoic acid	10.01	122	2450	4.109	ng	# 14
33) 4-Chloroaniline	11.03	127	3851	2.329	ng	# 92
34) Hexachlorobutadiene	11.16	225	2751	2.694	ng	97
35) Caprolactam	11.79	113	1132	2.190	ng	# 84
36) 4-Chloro-3-methylphenol	12.14	107	3256	2.284	ng	# 93
37) 2-Methylnaphthalene	12.50	142	7540	2.775	ng	87
38) 1-Methylnaphthalene	12.72	142	6824	2.588	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	5258	2.480	ng	# 94

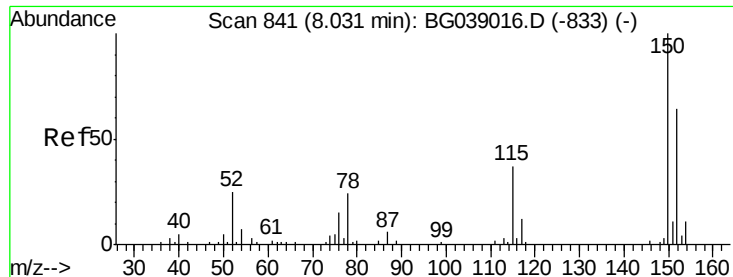
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039013.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 12:51:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	882	0.757	ng	87
43) 2,4,6-Trichlorophenol	13.11	196	2911	2.233	ng	99
44) 2,4,5-Trichlorophenol	13.20	196	2844	2.061	ng	# 91
46) 1,1'-Biphenyl	13.51	154	10957	2.304	ng	89
47) 2-Chloronaphthalene	13.55	162	9178	2.499	ng	97
48) 2-Nitroaniline	13.77	65	2075	1.774	ng	91
49) Acenaphthylene	14.40	152	13852	2.523	ng	96
50) Dimethylphthalate	14.12	163	12147	2.622	ng	96
51) 2,6-Dinitrotoluene	14.25	165	2441	2.325	ng	95
52) Acenaphthene	14.73	154	8399	2.558	ng	90
53) 3-Nitroaniline	14.60	138	2454	2.293	ng	# 88
54) 2,4-Dinitrophenol	14.83	184	53	0.097	ng	# 30
55) Dibenzofuran	15.07	168	15306	2.720	ng	99
56) 4-Nitrophenol	14.93	139	988	1.217	ng	90
57) 2,4-Dinitrotoluene	15.04	165	3764	2.546	ng	# 85
58) Fluorene	15.72	166	11205	2.687	ng	91
59) 2,3,4,6-Tetrachlorophenol	15.30	232	2955	2.380	ng	# 87
60) Diethylphthalate	15.47	149	12769	2.511	ng	100
61) 4-Chlorophenyl-phenylether	15.71	204	6680	2.568	ng	97
62) 4-Nitroaniline	15.76	138	2587	2.348	ng	86
63) Azobenzene	16.00	77	9691	2.281	ng	94
65) 4,6-Dinitro-2-methylphenol	15.81	198	1705	1.532	ng	98
66) n-Nitrosodiphenylamine	15.92	169	11020	2.403	ng	96
67) 4-Bromophenyl-phenylether	16.60	248	4604	2.416	ng	93
68) Hexachlorobenzene	16.71	284	5536	2.802	ng	99
69) Atrazine	16.87	200	5070	2.979	ng	89
70) Pentachlorophenol	17.07	266	783	0.670	ng	# 80
71) Phenanthrene	17.47	178	21364	2.640	ng	95
72) Anthracene	17.55	178	20576	2.575	ng	99
73) Carbazole	17.84	167	20676	2.617	ng	92
74) Di-n-butylphthalate	18.36	149	23423	2.584	ng	96
75) Fluoranthene	19.48	202	27200	2.716	ng	97
77) Benzidine	19.66	184	15986	2.916	ng	97
78) Pyrene	19.84	202	28967	2.366	ng	99
80) Butylbenzylphthalate	20.70	149	10927	2.284	ng	93
81) Benzo(a)anthracene	21.68	228	28203	2.497	ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	11076	2.473	ng	91
83) Chrysene	21.75	228	26768	2.460	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	14787	2.179	ng	94
85) Di-n-octyl phthalate	22.77	149	24827	2.185	ng	# 93
86) Indeno(1,2,3-cd)pyrene	28.73	276	29677	2.320	ng	# 60
88) Benzo(b)fluoranthene	23.92	252	25989	2.469	ng	94
89) Benzo(k)fluoranthene	24.00	252	25834	2.465	ng	95
90) Benzo(a)pyrene	24.82	252	24682	2.431	ng	97
91) Dibenzo(a,h)anthracene	28.80	278	24614	2.435	ng	# 92
92) Benzo(g,h,i)perylene	29.92	276	24867	2.496	ng	94

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

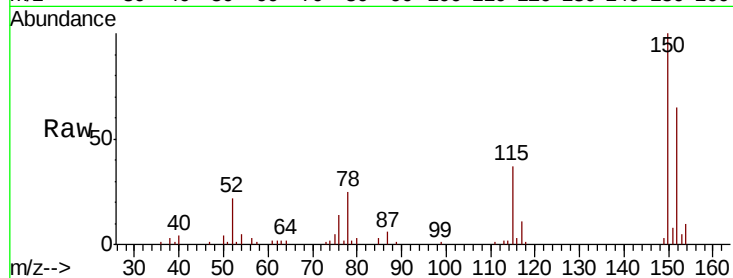


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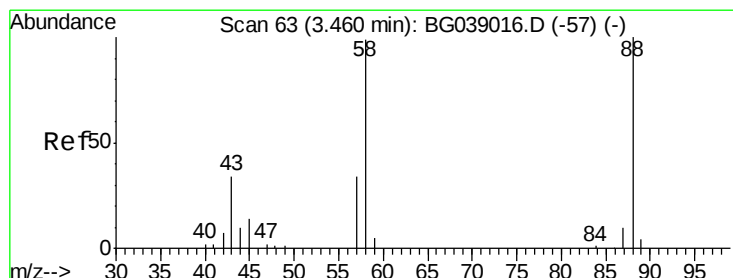
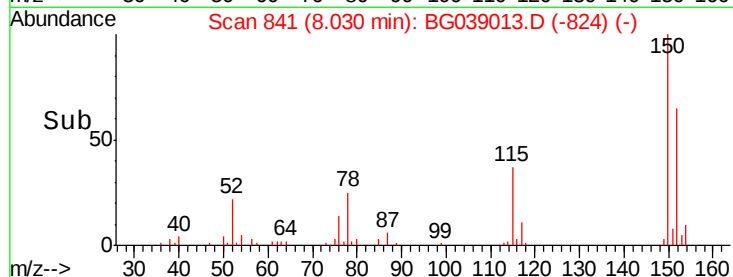
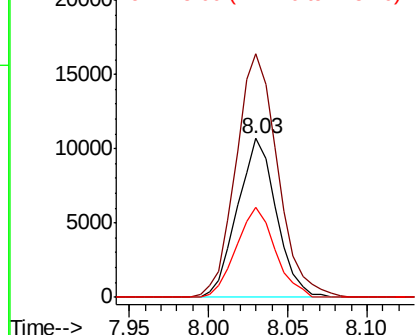
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 18195
Ion Ratio Lower Upper
152 100
150 153.5 124.7 187.1
115 56.6 46.5 69.7



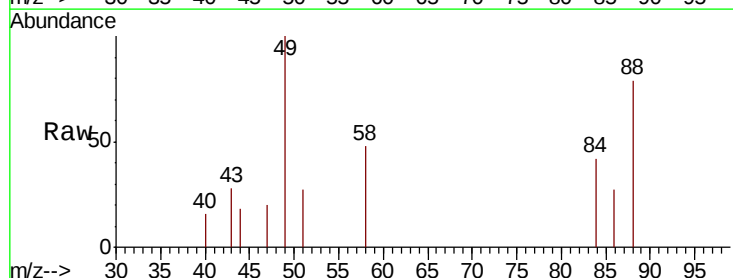
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



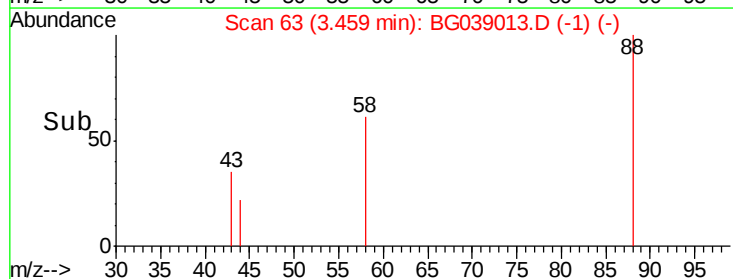
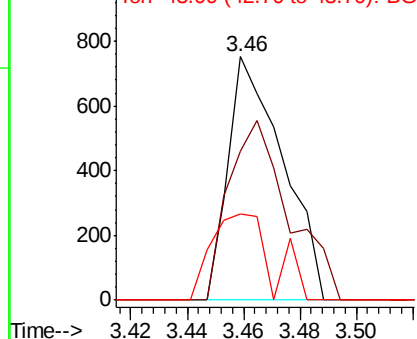
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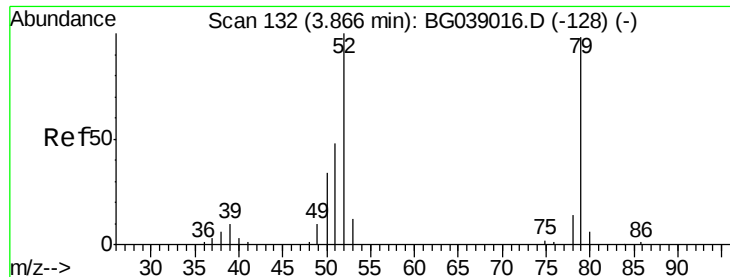
1,4-Dioxane
Concen: 2.115 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.00 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Tgt Ion: 88 Resp: 1010
Ion Ratio Lower Upper
88 100
58 81.4 72.4 108.6
43 39.0 27.6 41.4



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





#3

Pvridine

Concen: 1.044 ng

RT: 3.89 min Scan# 136

Delta R.T. 0.02 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

Instrument :

BNA_G

ClientSampleId :

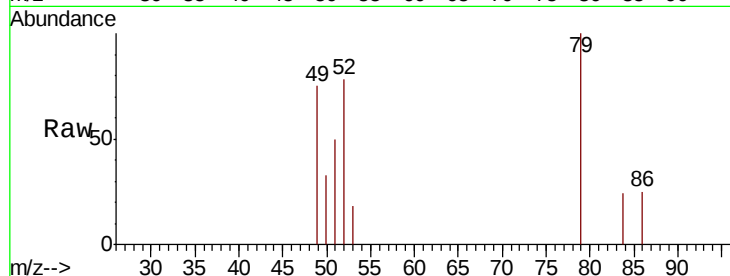
Tot Ion: 79 Resp: 1373

Ion Ratio Lower Upper

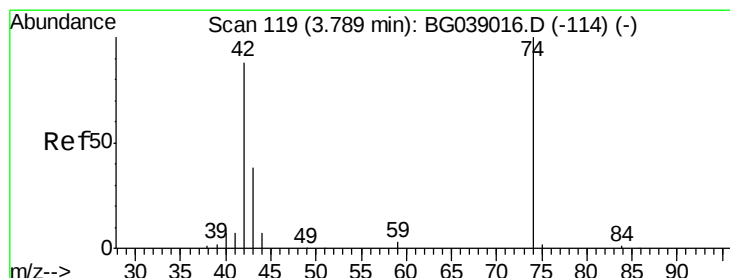
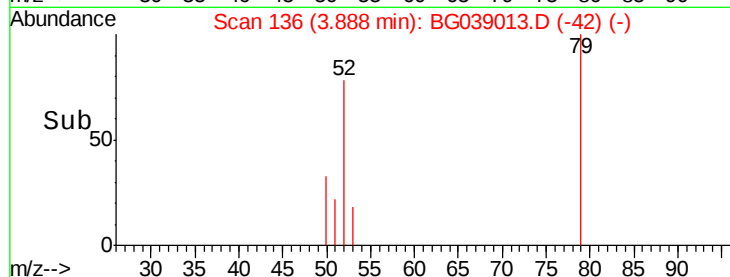
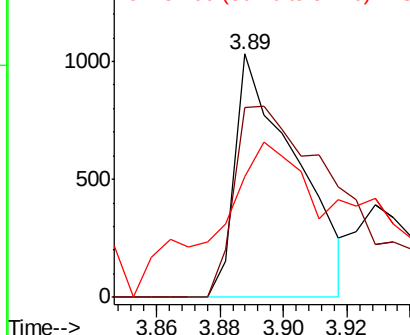
79 100

52 77.9 81.5 122.3#

51 49.5 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: 1.185 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.02 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

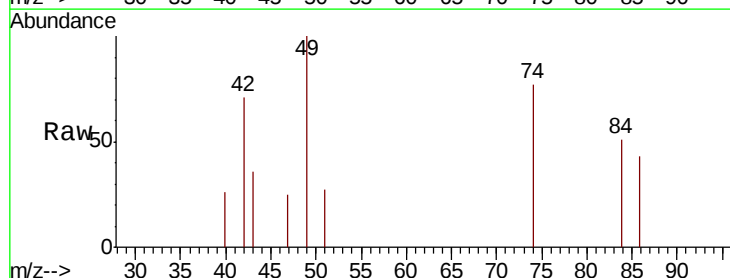
Tgt Ion: 42 Resp: 763

Ion Ratio Lower Upper

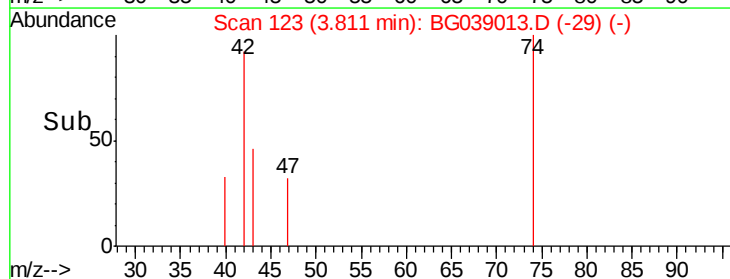
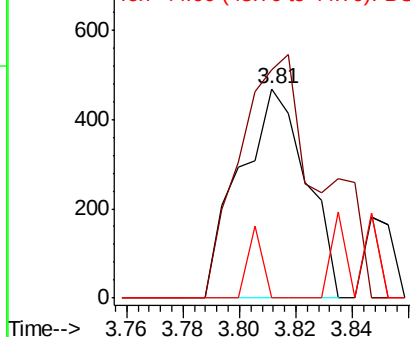
42 100

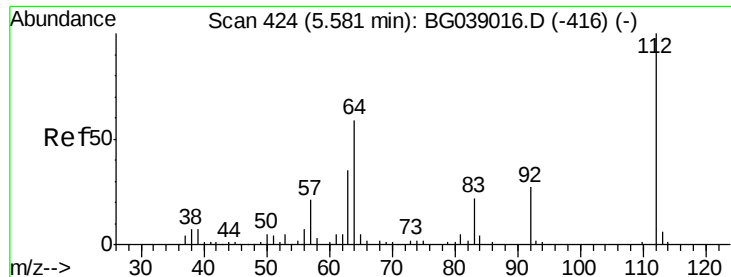
74 109.0 90.7 136.1

44 0.0 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: 4.619 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG039013.D

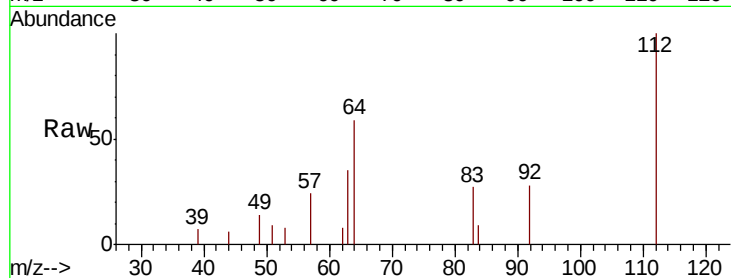
Acq: 9 Jan 2019 9:42

Instrument :

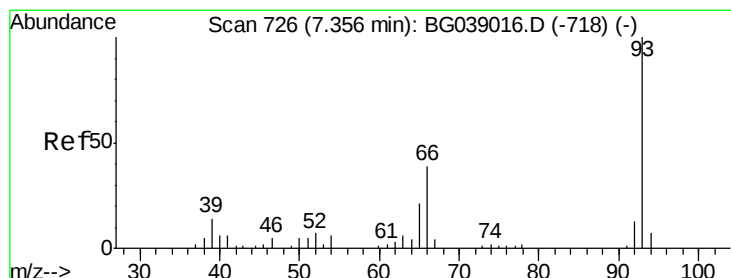
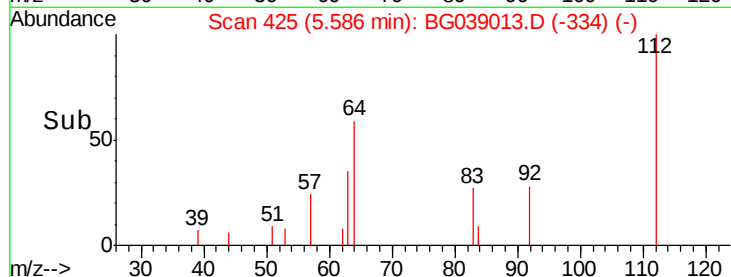
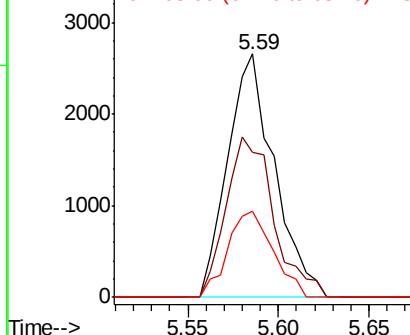
BNA_G

ClientSampled :

Tot Ion:	112	Resp:	4738
Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.0	70.6
63	35.4	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: 2.250 ng

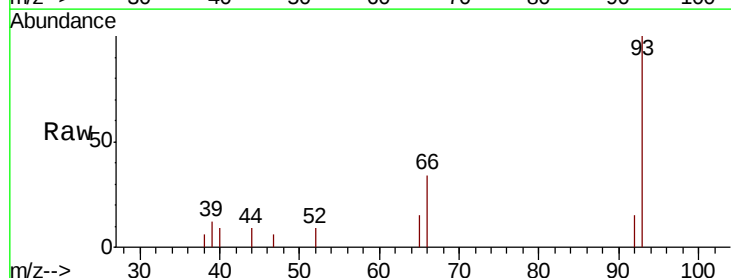
RT: 7.36 min Scan# 727

Delta R.T. 0.00 min

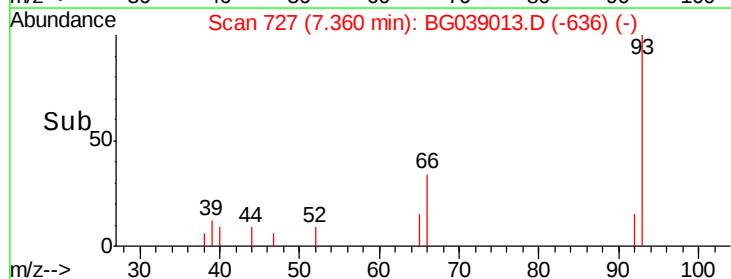
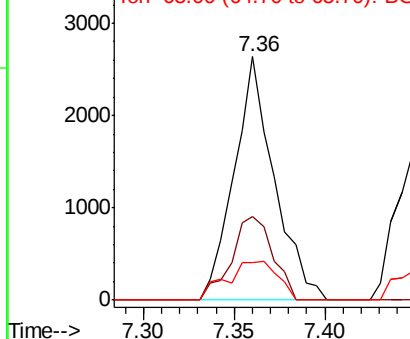
Lab File: BG039013.D

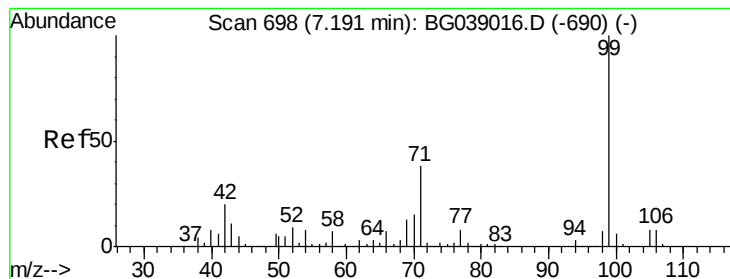
Acq: 9 Jan 2019 9:42

Tgt Ion:	93	Resp:	4045
Ion	Ratio	Lower	Upper
93	100		
66	34.2	30.9	46.3
65	15.4	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: 4.860 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

Instrument :

BNA_G

ClientSampleId :

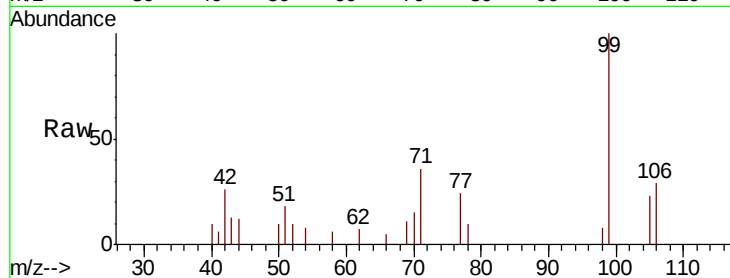
Tot Ion: 99 Resp: 6845

Ion Ratio Lower Upper

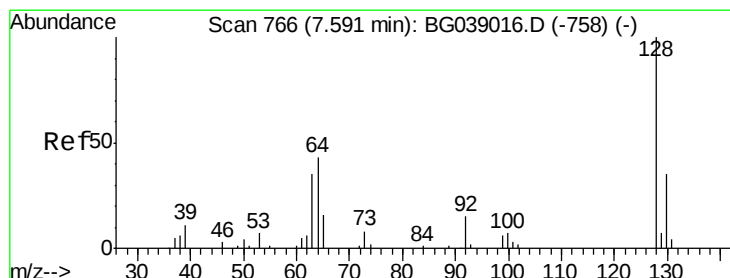
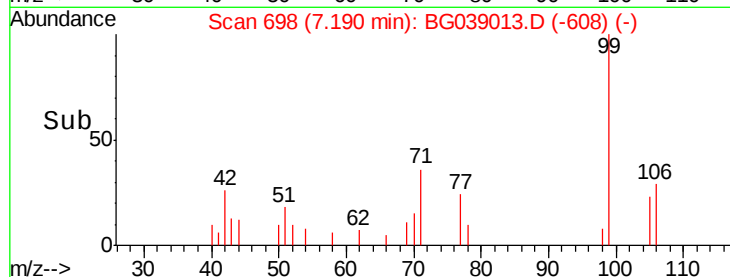
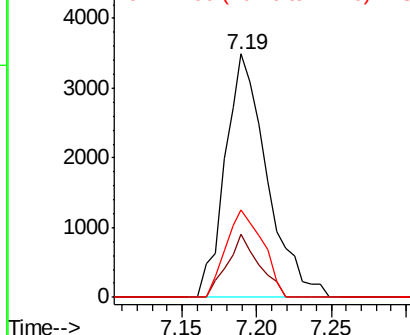
99 100

42 25.9 15.8 23.6#

71 35.7 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: 2.366 ng

RT: 7.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

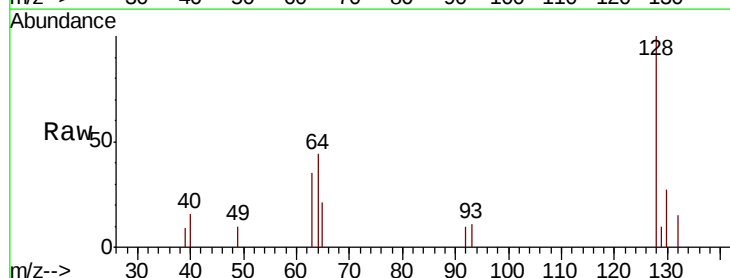
Tgt Ion: 128 Resp: 2809

Ion Ratio Lower Upper

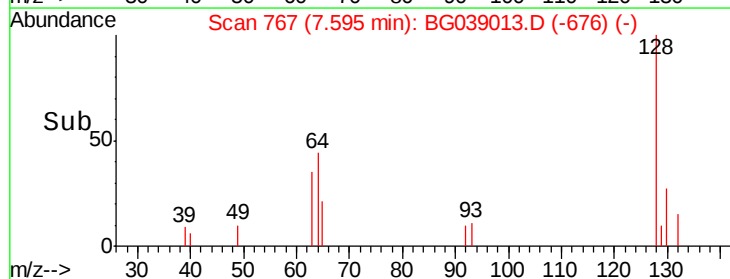
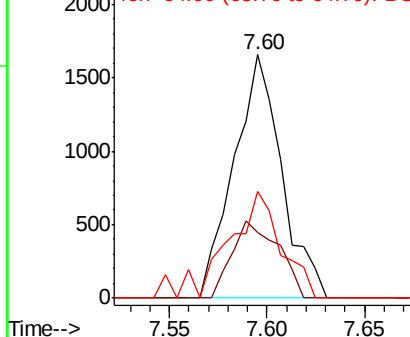
128 100

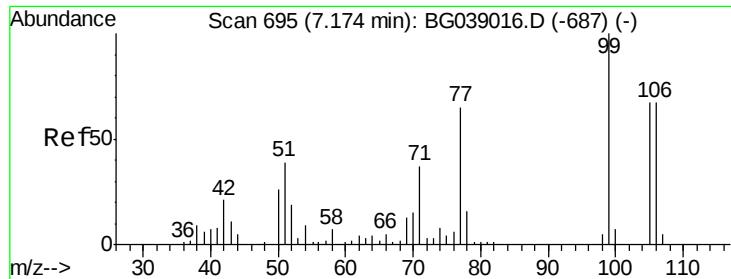
130 26.9 14.5 54.5

64 43.8 27.3 67.3



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

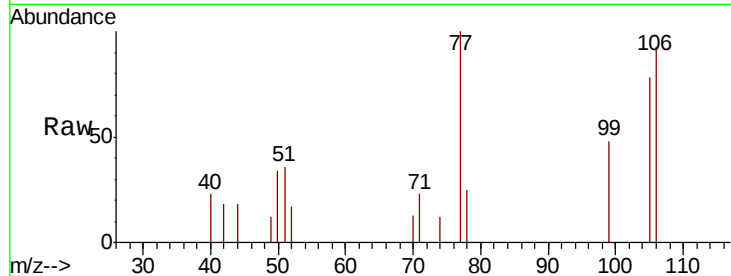




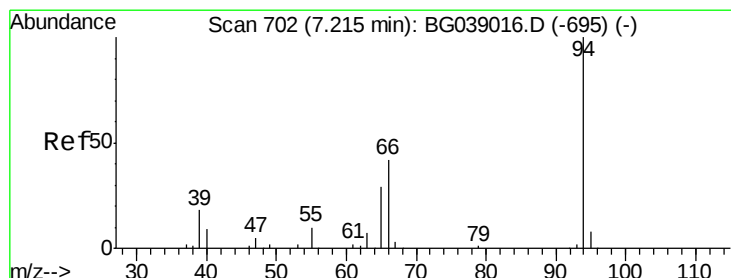
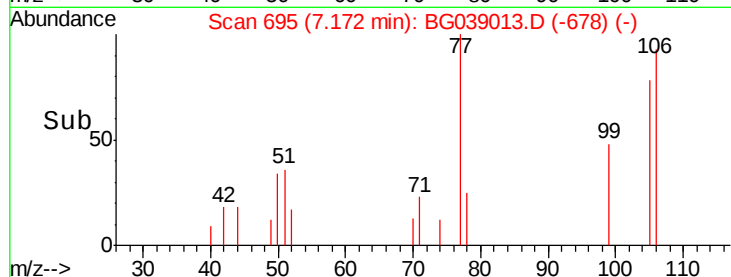
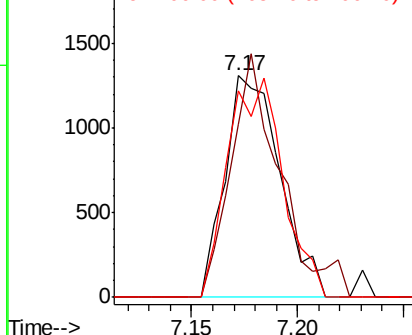
#9
Benzaldehyde
Concen: 2.582 ng
RT: 7.17 min Scan# 695
Delta R.T. -0.00 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Instrument :
BNA_G
ClientSampled :

Tot Ion: 77 Resp: 2359
Ion Ratio Lower Upper
77 100
105 78.1 82.4 122.4#
106 93.4 82.8 122.8

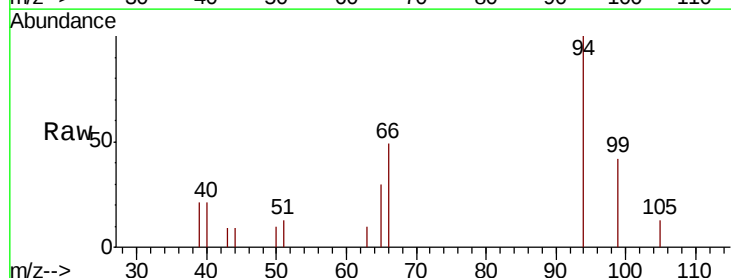


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

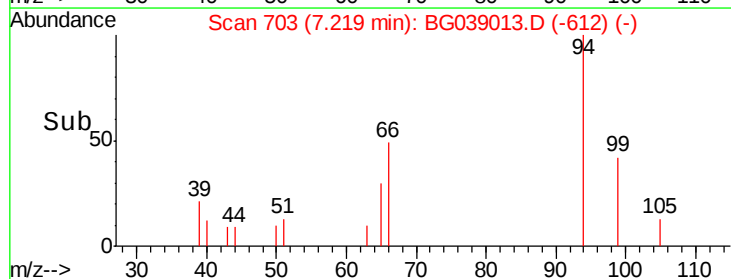
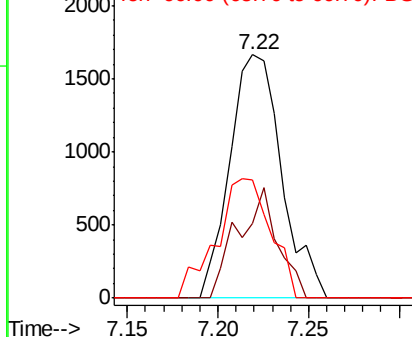


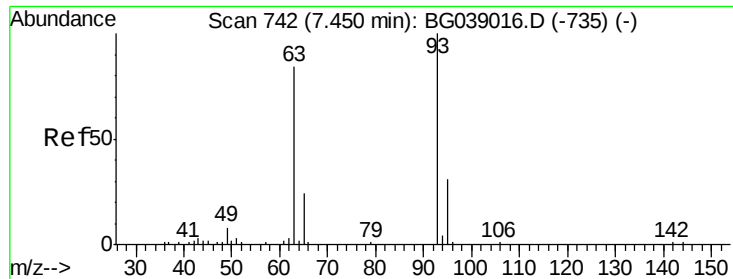
#10
Phenol
Concen: 2.219 ng
RT: 7.22 min Scan# 703
Delta R.T. 0.00 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Tgt Ion: 94 Resp: 3320
Ion Ratio Lower Upper
94 100
65 30.5 10.3 50.3
66 48.7 25.1 65.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

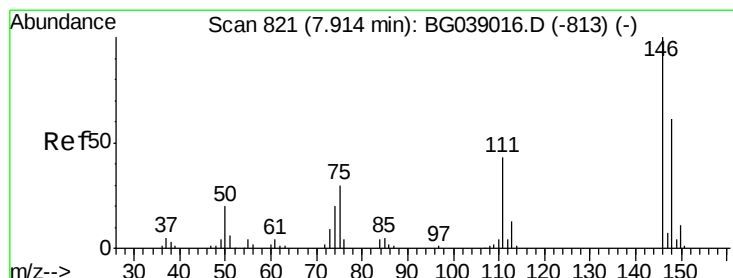
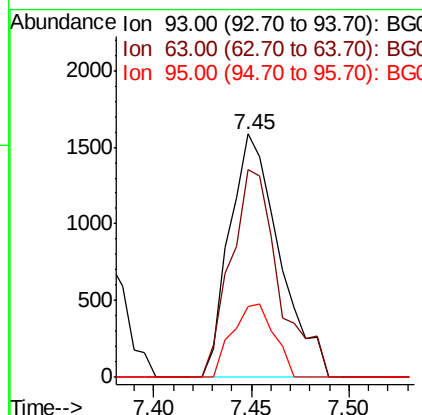
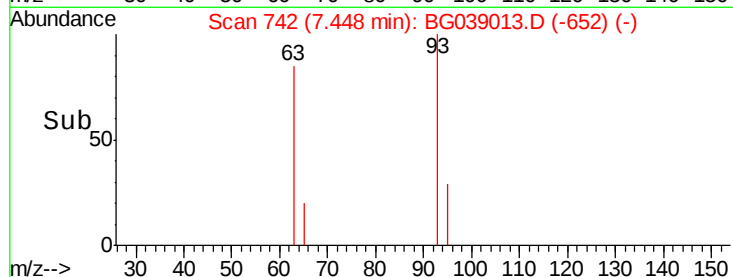
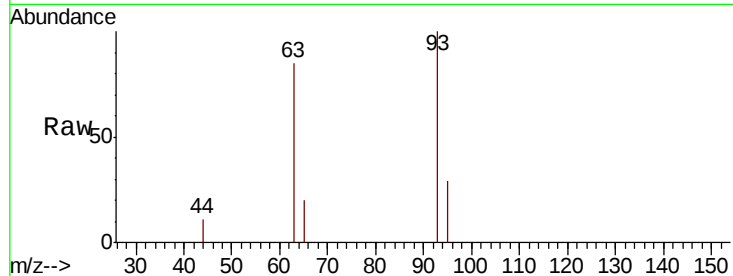




#11
 bis(2-Chloroethyl)ether
 Concen: 2.361 ng
 RT: 7.45 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BG039013.D
 Acq: 9 Jan 2019 9:42

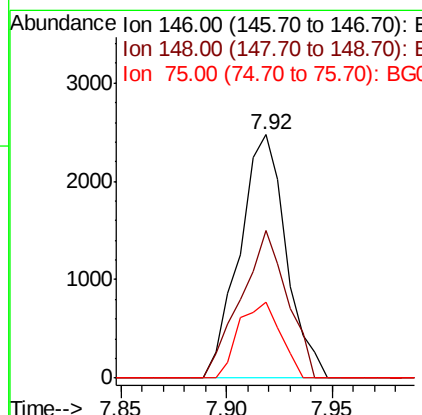
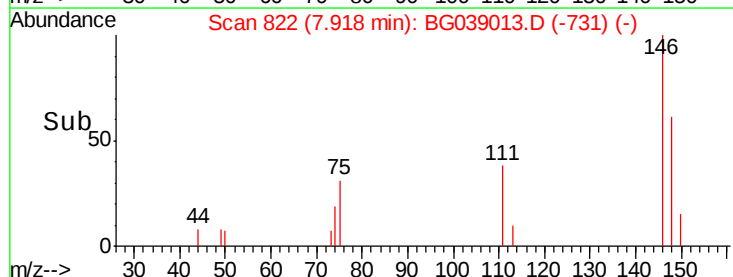
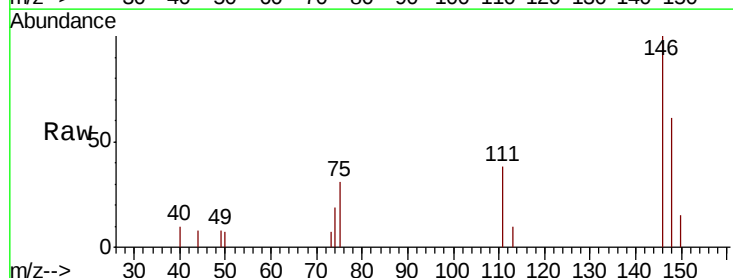
Instrument :
 BNA_G
 ClientSampleId :

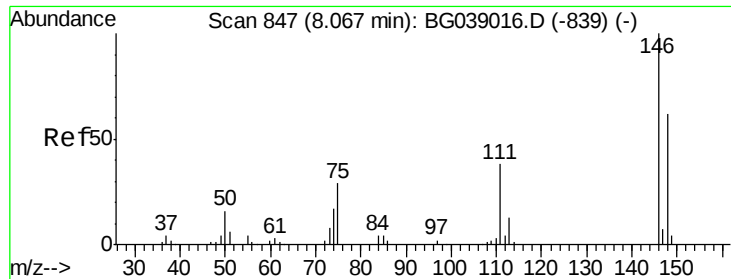
Tot Ion: 93 Resp: 2813
 Ion Ratio Lower Upper
 93 100
 63 85.3 63.2 103.2
 95 28.9 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 2.692 ng
 RT: 7.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BG039013.D
 Acq: 9 Jan 2019 9:42

Tgt Ion: 146 Resp: 3778
 Ion Ratio Lower Upper
 146 100
 148 60.8 49.1 73.7
 75 31.0 23.9 35.9

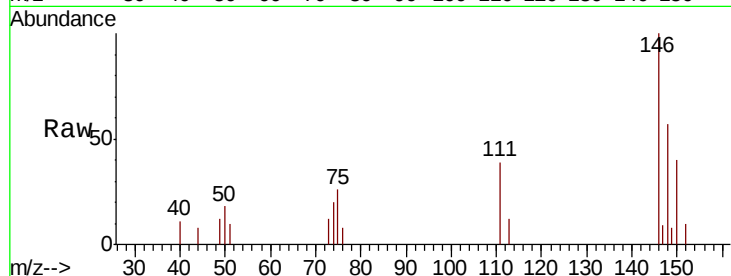




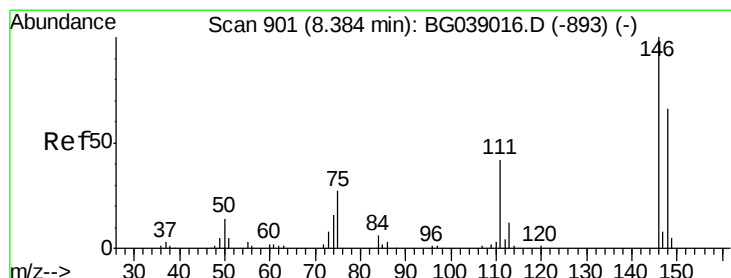
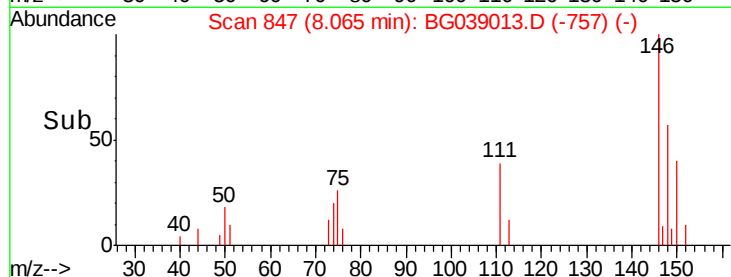
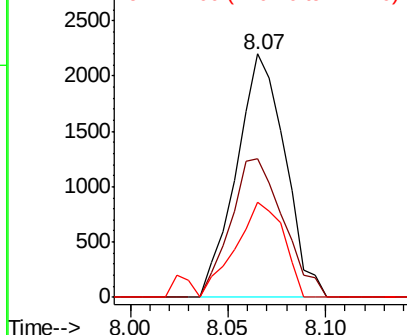
#13
 1,4-Dichlorobenzene
 Concen: 2.642 ng
 RT: 8.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG039013.D
 Acq: 9 Jan 2019 9:42

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 3798
 Ion Ratio Lower Upper
 146 100
 148 57.1 49.8 74.6
 111 38.8 30.6 45.8

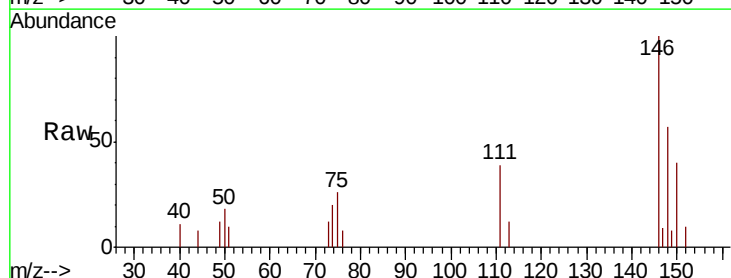


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

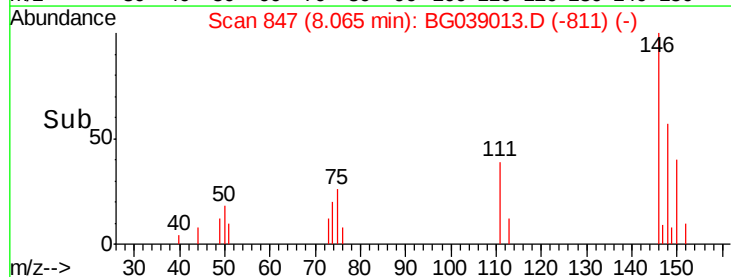
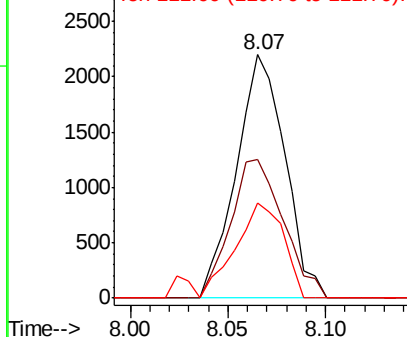


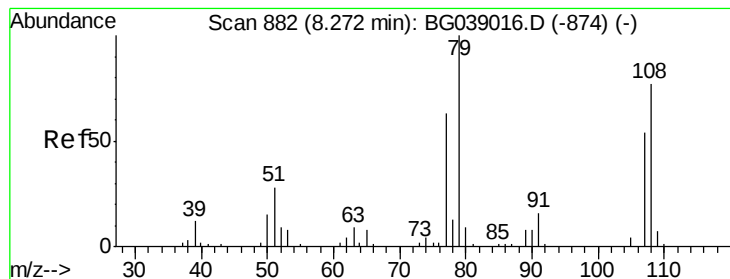
#14
 1,2-Dichlorobenzene
 Concen: 2.802 ng
 RT: 8.07 min Scan# 847
 Delta R.T. -0.32 min
 Lab File: BG039013.D
 Acq: 9 Jan 2019 9:42

Tgt Ion:146 Resp: 3798
 Ion Ratio Lower Upper
 146 100
 148 57.1 52.6 79.0
 111 38.8 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 1.930 ng

RT: 8.28 min Scan# 884

Delta R.T. 0.01 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

Instrument :

BNA_G

ClientSampled :

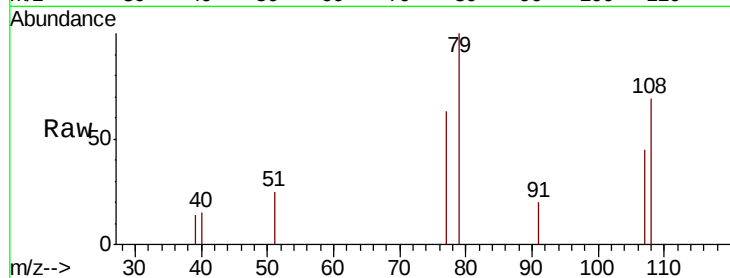
Tot Ion: 79 Resp: 2121

Ion Ratio Lower Upper

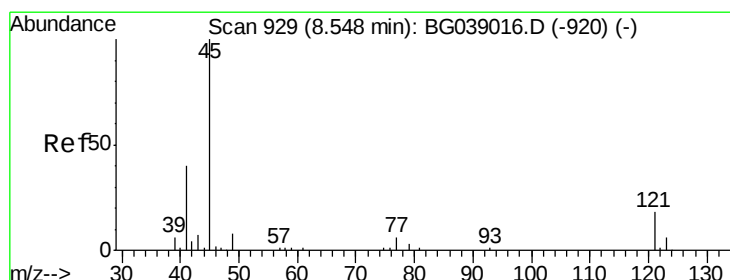
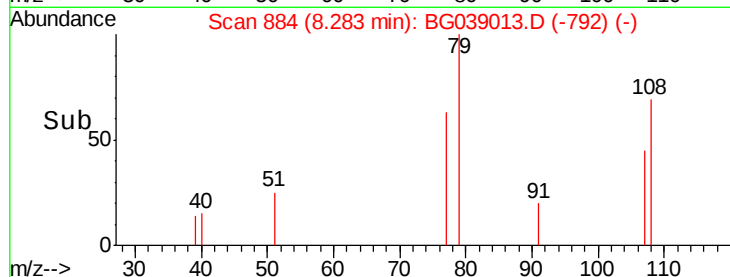
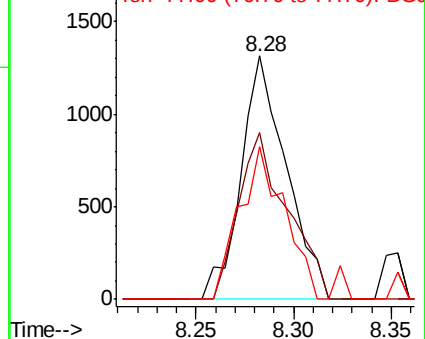
79 100

108 68.7 62.0 93.0

77 62.6 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: 1.942 ng

RT: 8.55 min Scan# 930

Delta R.T. 0.00 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

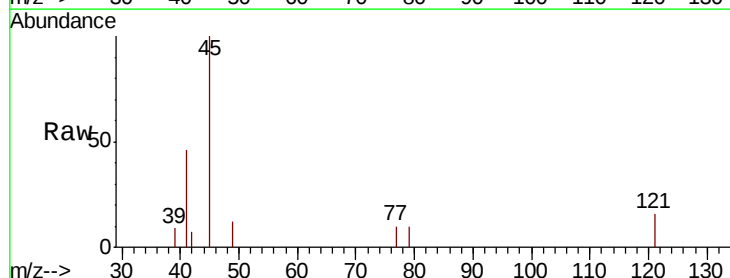
Tgt Ion: 45 Resp: 5300

Ion Ratio Lower Upper

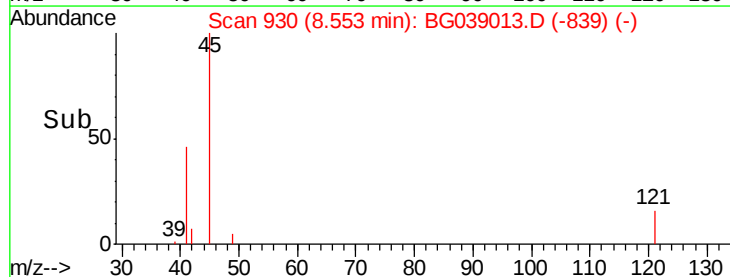
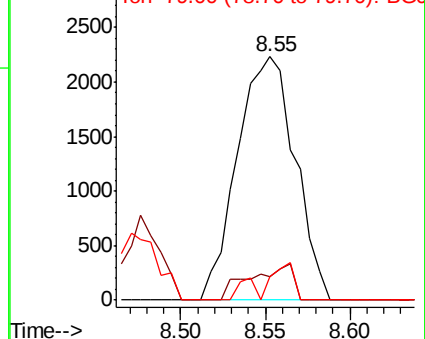
45 100

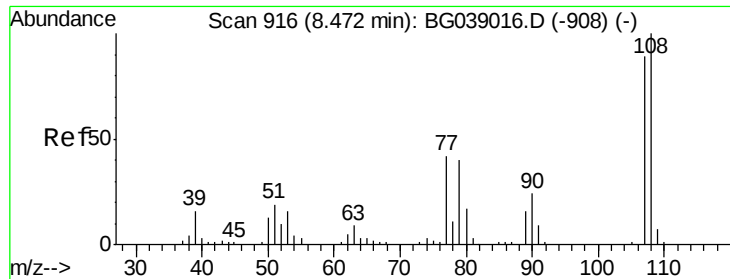
77 9.8 0.0 30.7

79 9.6 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

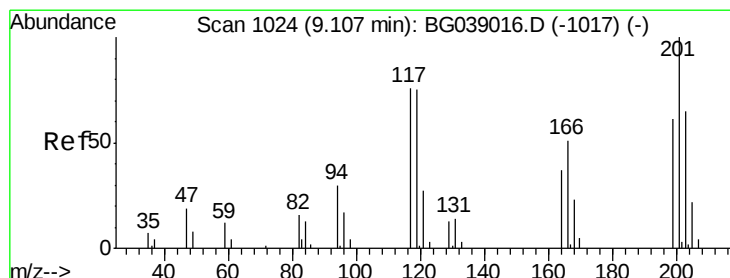
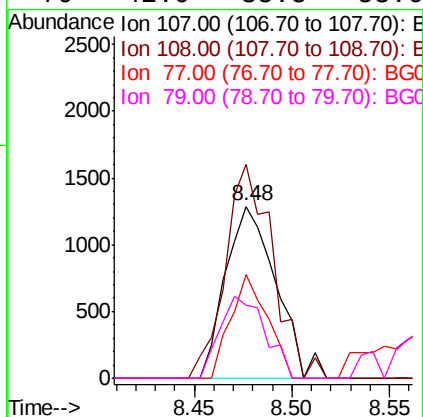
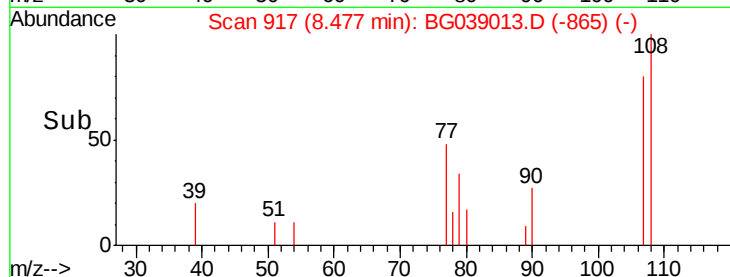
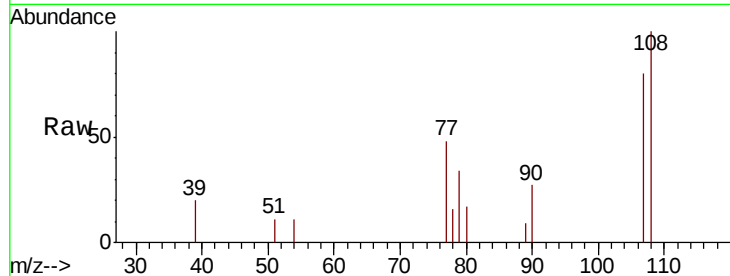




#17
2-Methylphenol
Concen: 2.296 ng
RT: 8.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

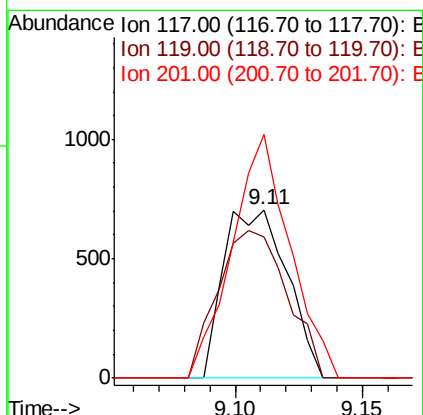
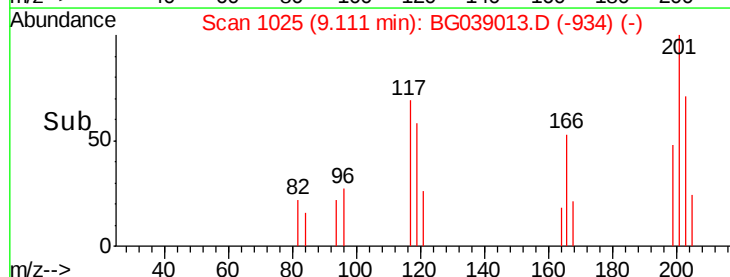
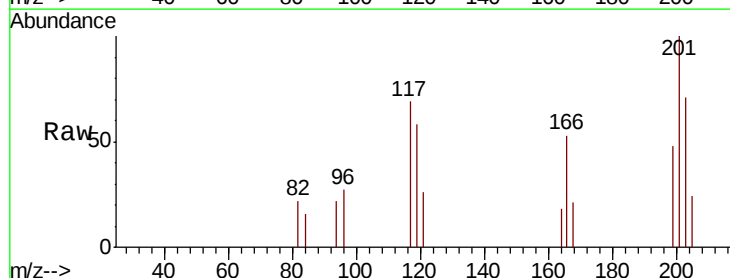
Instrument :
BNA_G
ClientSampled :

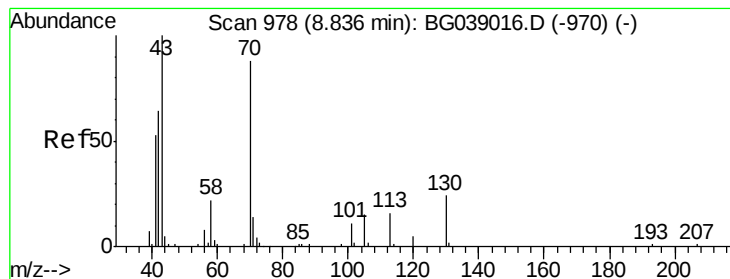
Tot Ion:107 Resp: 2302
Ion Ratio Lower Upper
107 100
108 124.5 90.3 135.5
77 60.2 38.3 57.5#
79 42.9 35.8 53.6



#18
Hexachloroethane
Concen: 2.343 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Tgt Ion:117 Resp: 1231
Ion Ratio Lower Upper
117 100
119 84.3 78.7 118.1
201 144.7 108.1 162.1





#19

n-Nitroso-di-n-propylamine

Concen: 2.269 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

Instrument :

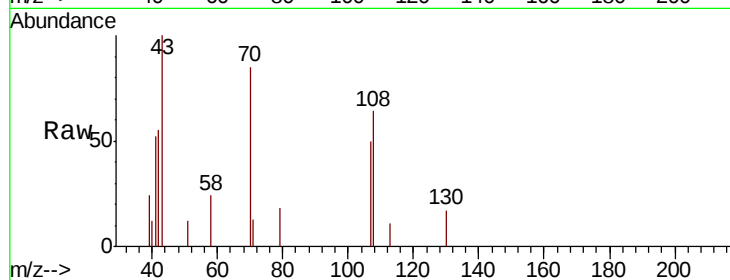
BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 2244

Ion Ratio Lower Upper

70	100		
42	64.8	59.0	88.4
101	0.0	10.4	15.6#
130	20.3	21.6	32.4#



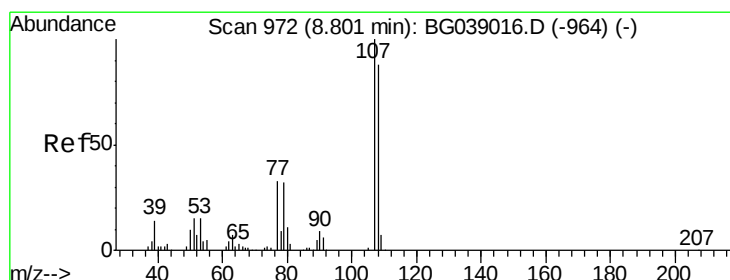
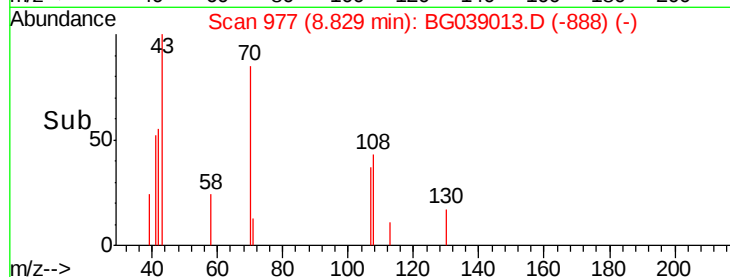
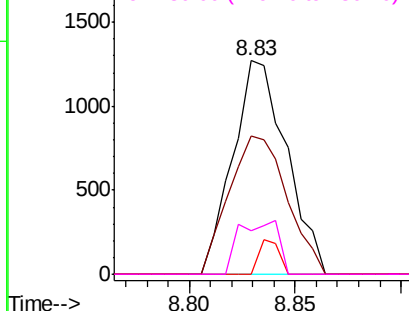
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 2.279 ng

RT: 8.81 min Scan# 974

Delta R.T. 0.01 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

Tgt Ion: 107 Resp: 3155

Ion Ratio Lower Upper

107	100		
108	73.1	68.4	108.4
77	42.2	13.3	53.3
79	24.5	11.6	51.6

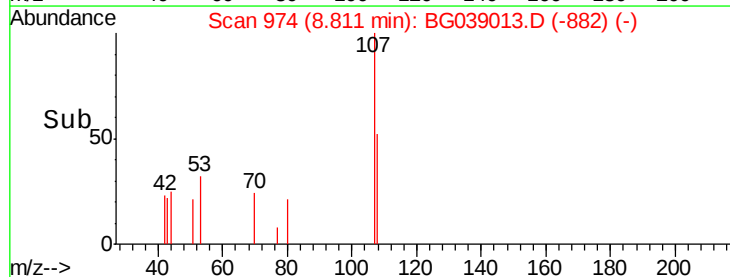
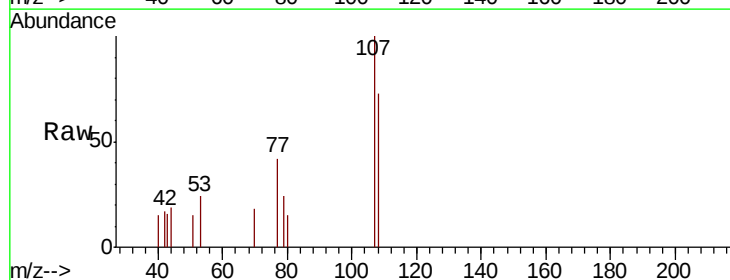
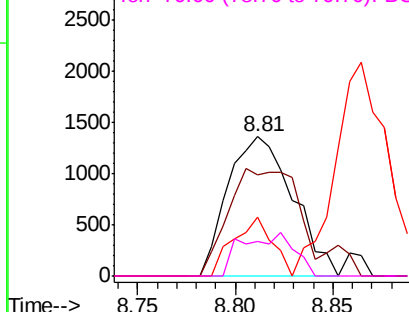
Abundance

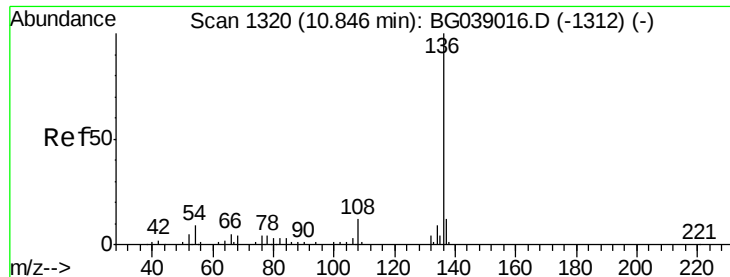
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

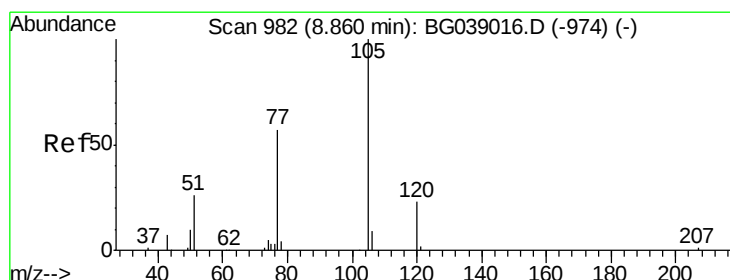
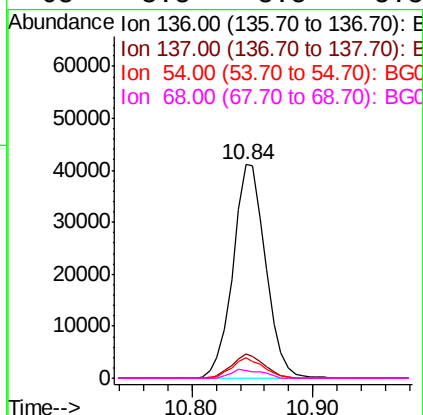
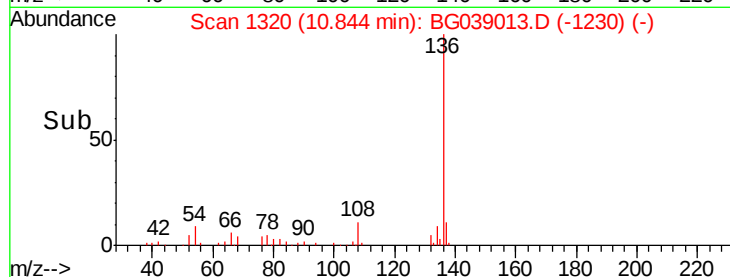
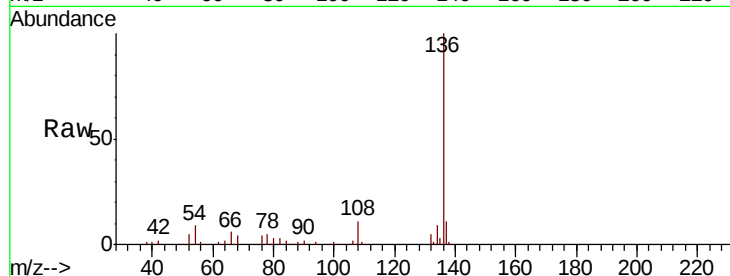




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

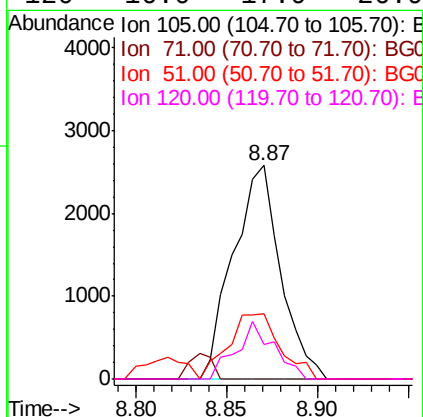
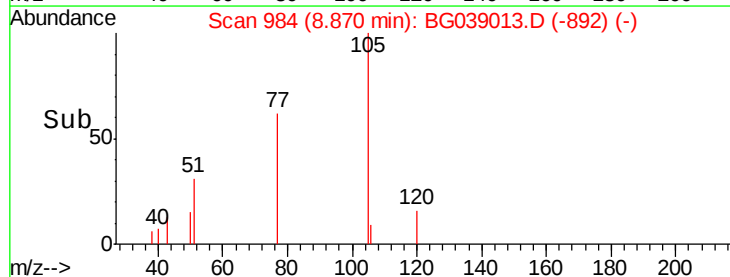
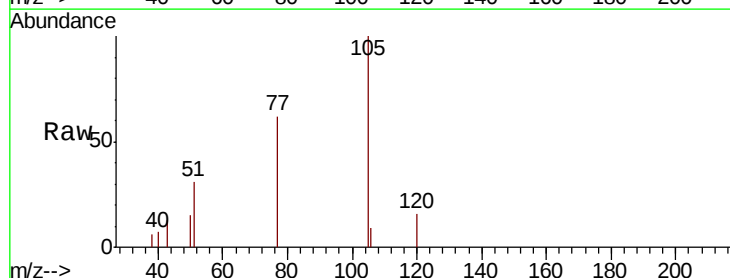
Instrument :
BNA_G
ClientSampleId :

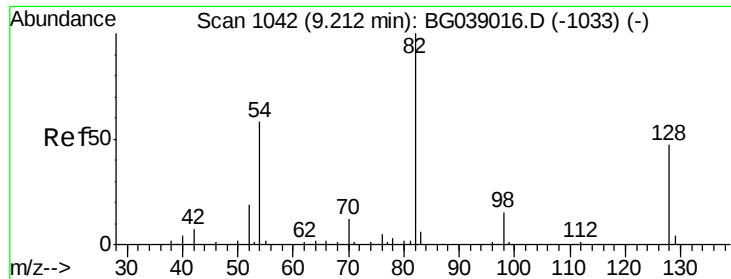
Tot Ion:136	Resp:	77308
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.4 14.2
54	9.3	7.2 10.8
68	3.8	3.5 5.3



#22
Acetophenone
Concen: 2.428 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.01 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Tgt Ion:105	Resp:	4688
Ion	Ratio	Lower Upper
105	100	
71	0.0	0.6 1.0#
51	30.8	26.6 39.8
120	16.0	17.9 26.9#

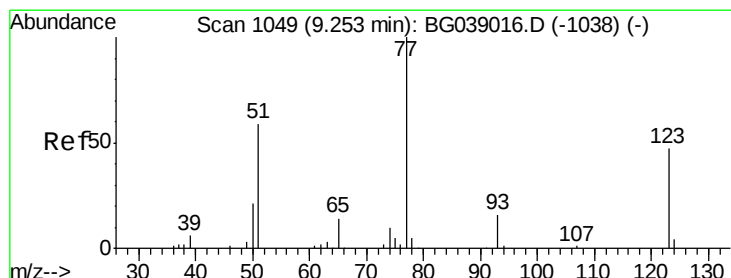
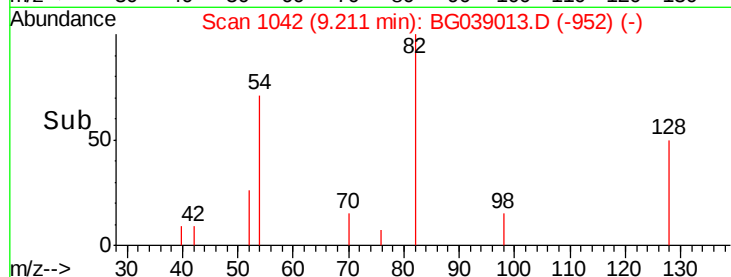
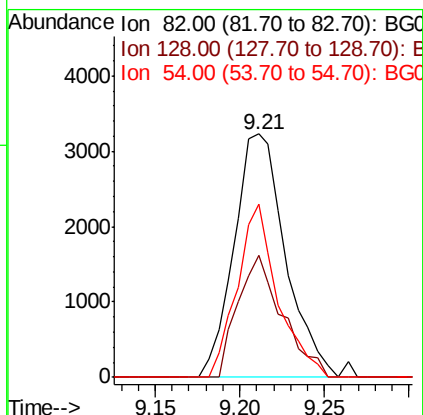
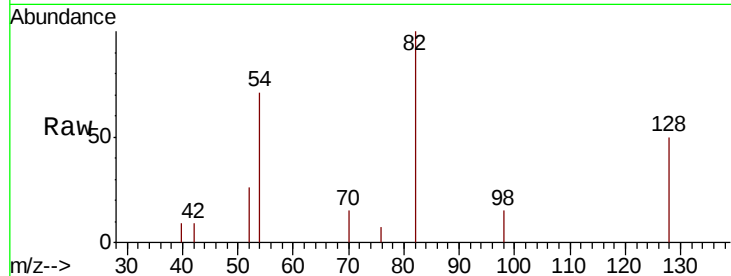




#23
 Nitrobenzene-d5
 Concen: 4.517 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG039013.D
 Acq: 9 Jan 2019 9:42

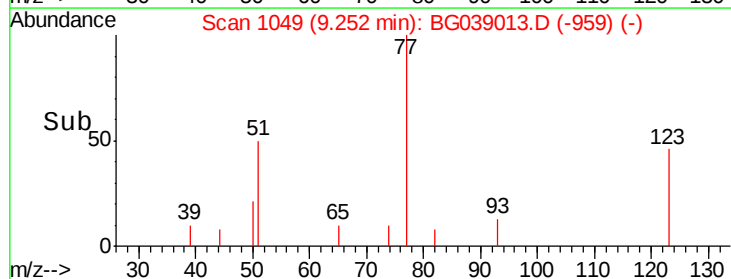
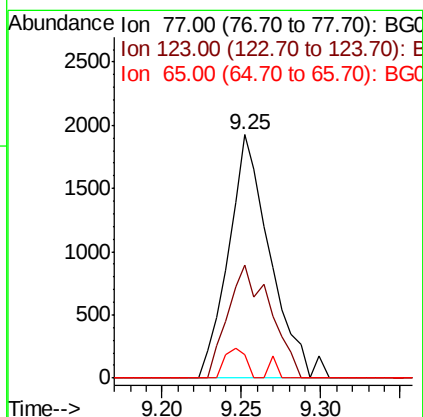
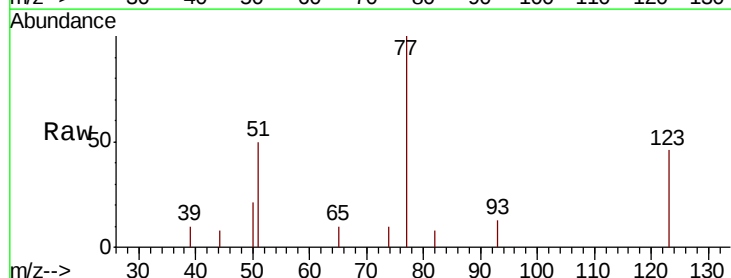
Instrument :
 BNA_G
 ClientSampleId :

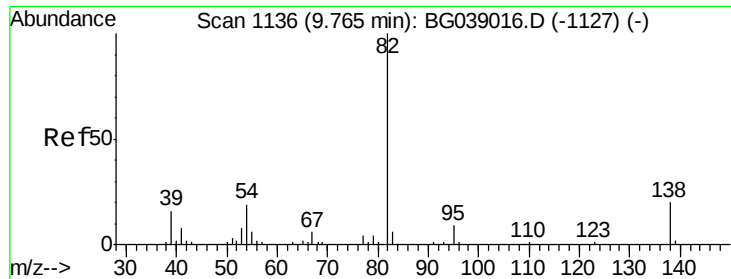
Tot Ion	82	Resp	6836
Ion Ratio	Lower	Upper	
82	100		
128	50.1	37.3	55.9
54	71.2	46.4	69.6



#24
 Nitrobenzene
 Concen: 2.284 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG039013.D
 Acq: 9 Jan 2019 9:42

Tgt Ion	77	Resp	3496
Ion Ratio	Lower	Upper	
77	100		
123	46.5	37.6	56.4
65	9.8	11.0	16.6

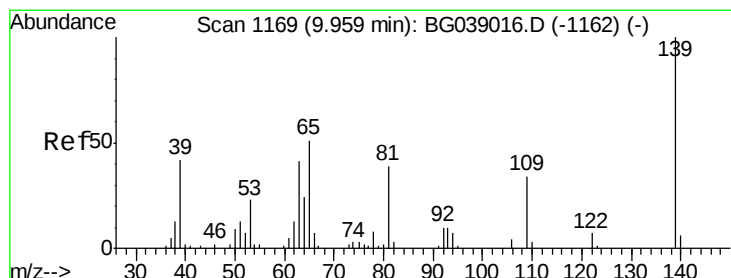
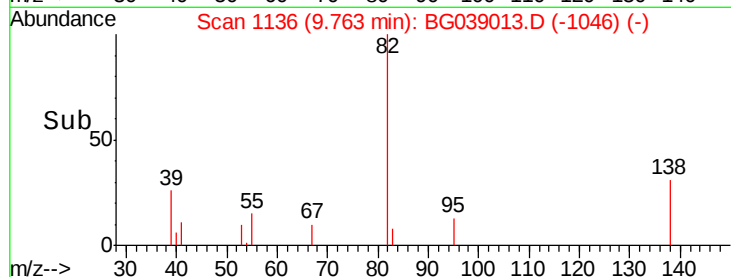
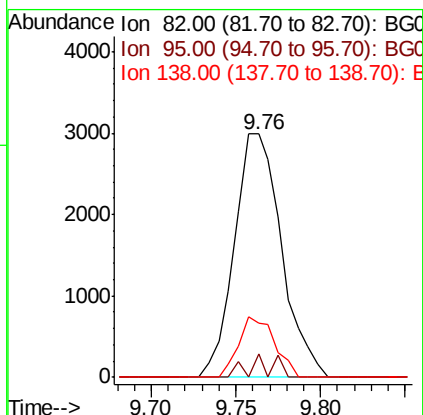
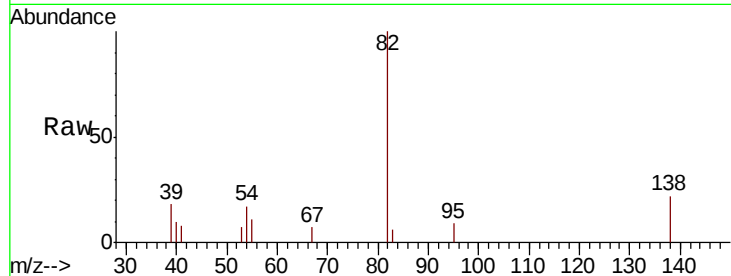




#25
Isophorone
Concen: 2.131 ng
RT: 9.76 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

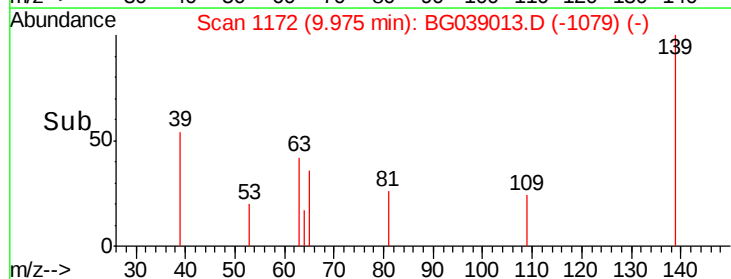
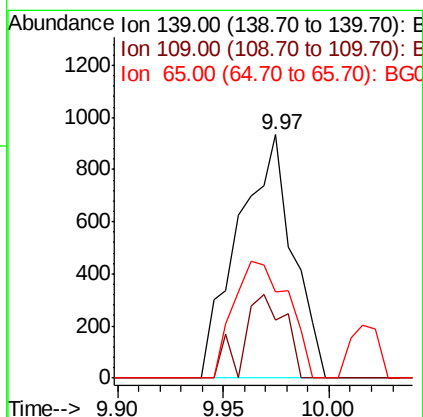
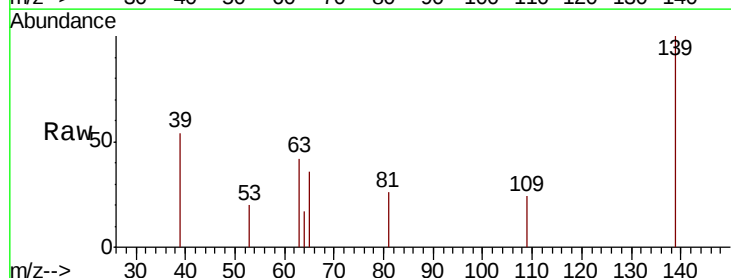
Instrument :
BNA_G
ClientSampleId :

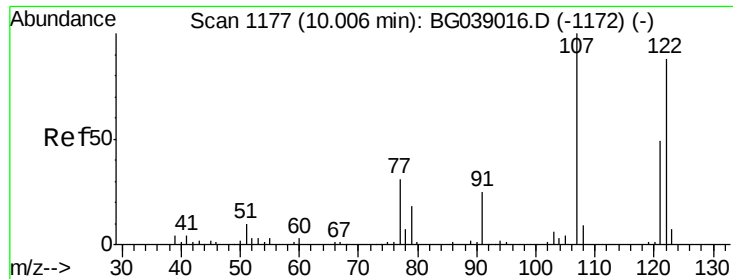
Tot Ion: 82 Resp: 5794
Ion Ratio Lower Upper
82 100
95 9.4 7.0 10.6
138 22.0 16.2 24.4



#26
2-Nitrophenol
Concen: 2.143 ng
RT: 9.97 min Scan# 1172
Delta R.T. 0.02 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Tgt Ion: 139 Resp: 1679
Ion Ratio Lower Upper
139 100
109 23.9 27.3 40.9#
65 35.7 40.6 61.0#

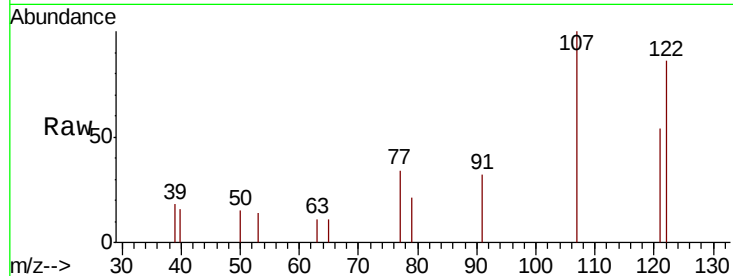




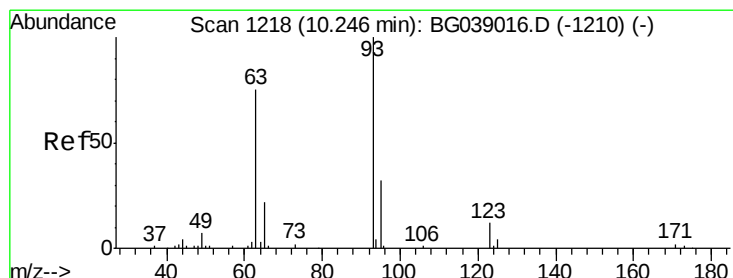
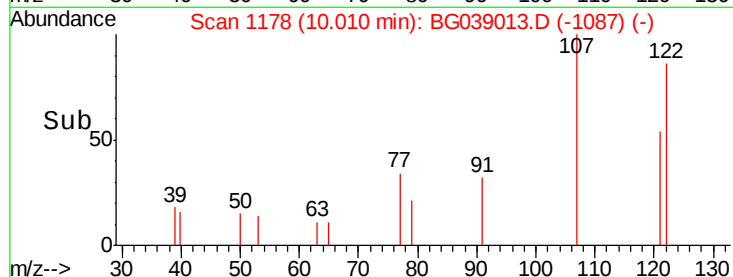
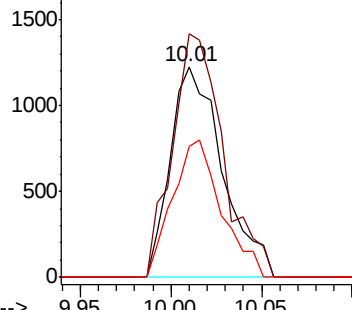
#27
2,4-Dimethylphenol
Concen: 2.182 ng
RT: 10.01 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 2450
Ion Ratio Lower Upper
122 100
107 115.8 88.8 133.2
121 62.3 43.1 64.7

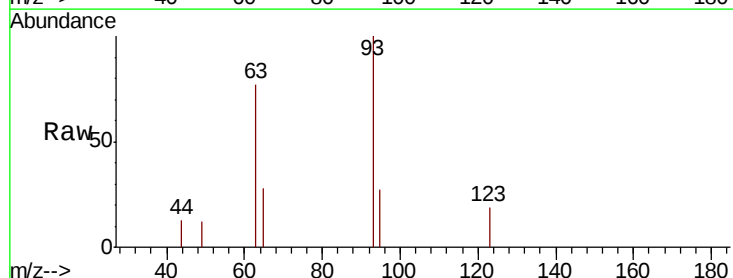


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

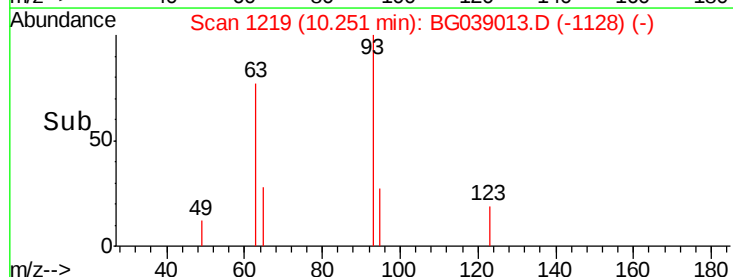
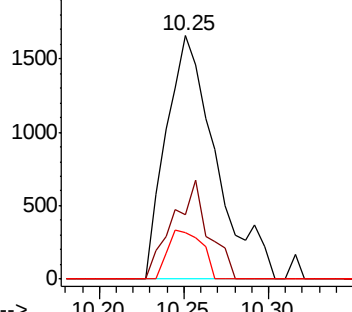


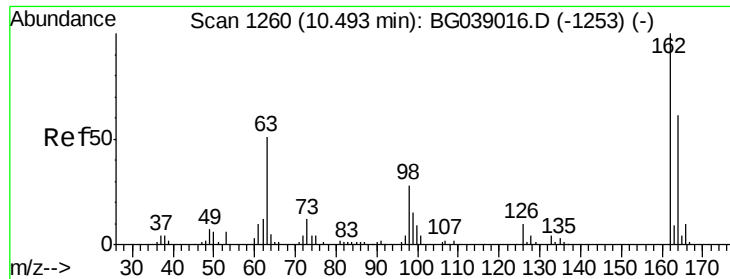
#28
bis(2-Chloroethoxy)methane
Concen: 2.213 ng
RT: 10.25 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Tgt Ion: 93 Resp: 3395
Ion Ratio Lower Upper
93 100
95 26.5 25.6 38.4
123 19.1 10.1 15.1#



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

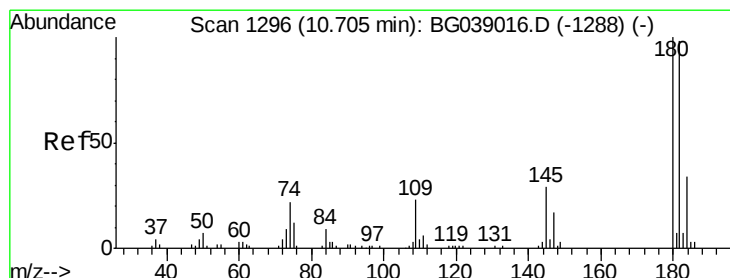
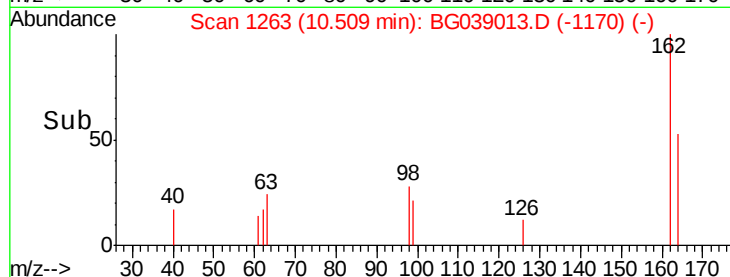
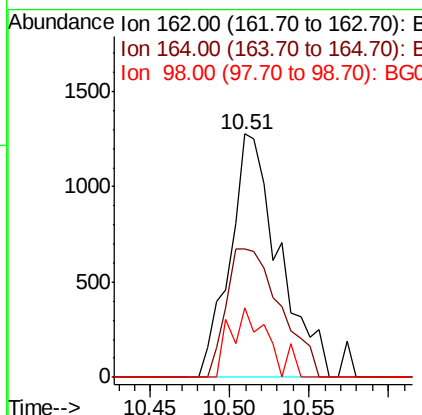
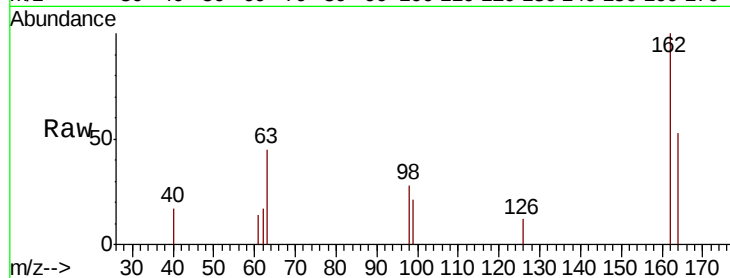




#29
 2,4-Dichlorophenol
 Concen: 2.205 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.02 min
 Lab File: BG039013.D
 Acq: 9 Jan 2019 9:42

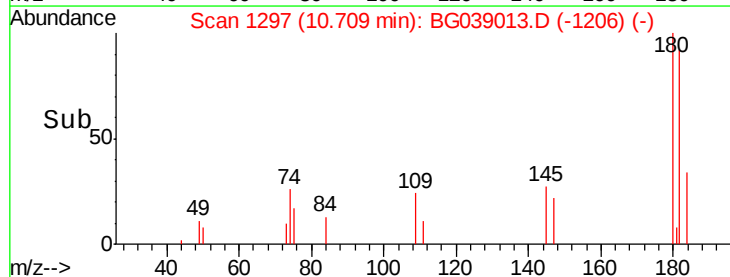
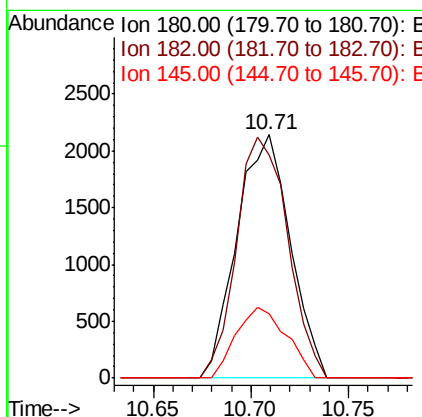
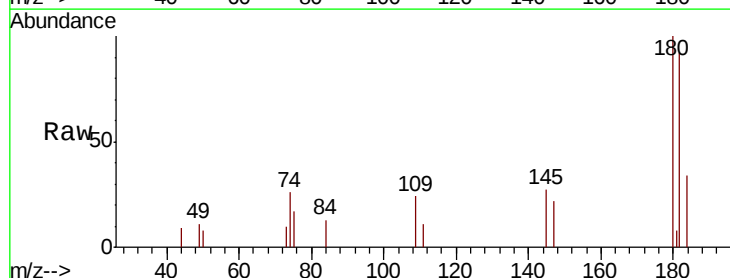
Instrument :
 BNA_G
 ClientSampleId :

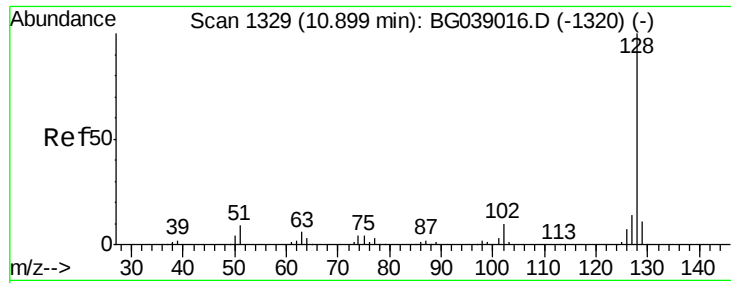
Tot Ion:162 Resp: 2754
 Ion Ratio Lower Upper
 162 100
 164 52.6 41.3 81.3
 98 28.4 8.3 48.3



#30
 1,2,4-Trichlorobenzene
 Concen: 2.685 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BG039013.D
 Acq: 9 Jan 2019 9:42

Tgt Ion:180 Resp: 4051
 Ion Ratio Lower Upper
 180 100
 182 91.8 78.1 117.1
 145 26.6 23.1 34.7

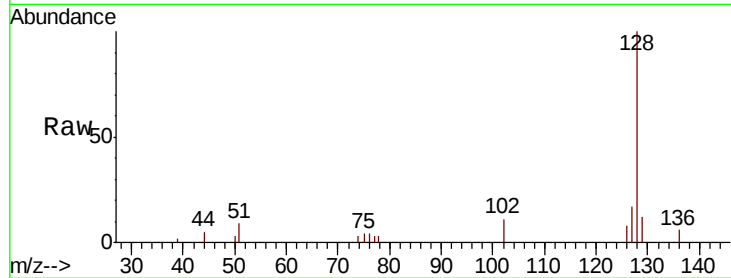




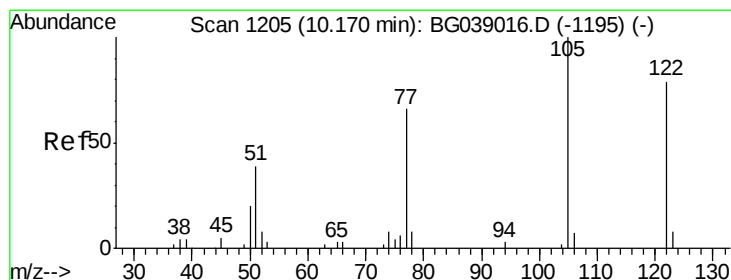
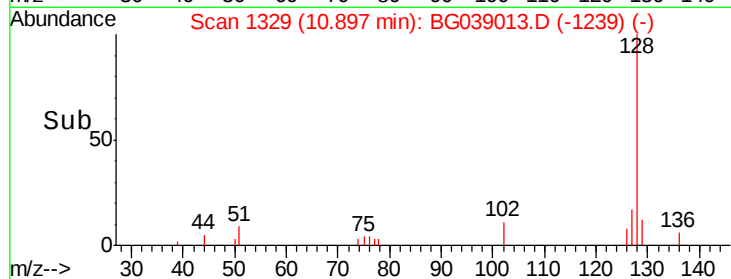
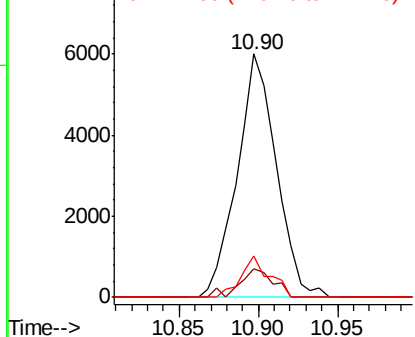
#31
Naphthalene
Concen: 2.691 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 10251
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 17.0 11.2 16.8#

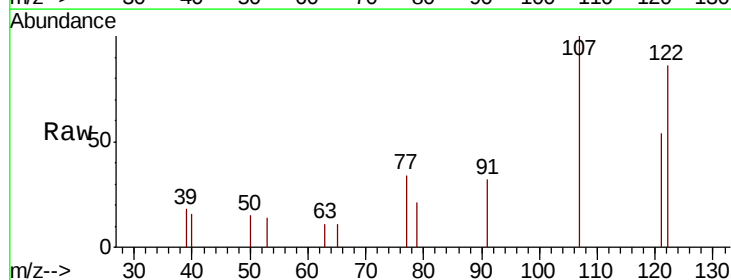


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

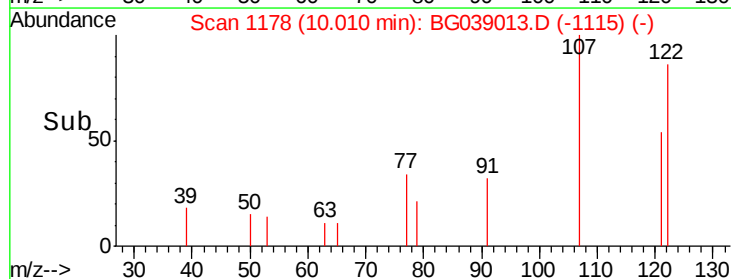
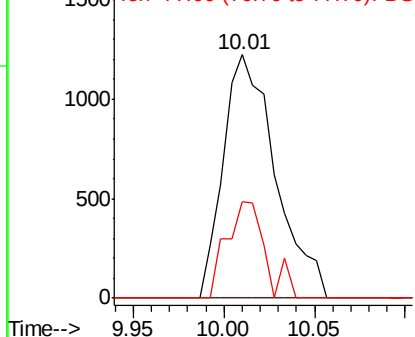


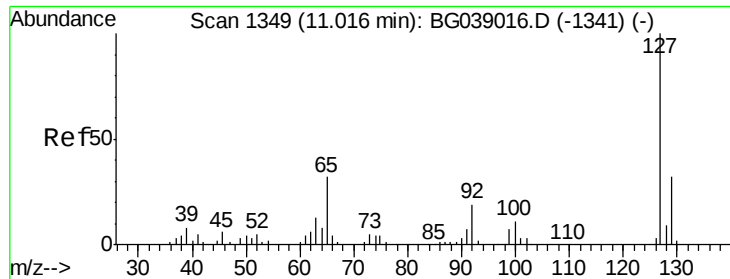
#32
Benzoic acid
Concen: 4.109 ng
RT: 10.01 min Scan# 1178
Delta R.T. -0.16 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Tgt Ion:122 Resp: 2450
Ion Ratio Lower Upper
122 100
105 0.0 106.4 146.4#
77 39.6 63.6 103.6#



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

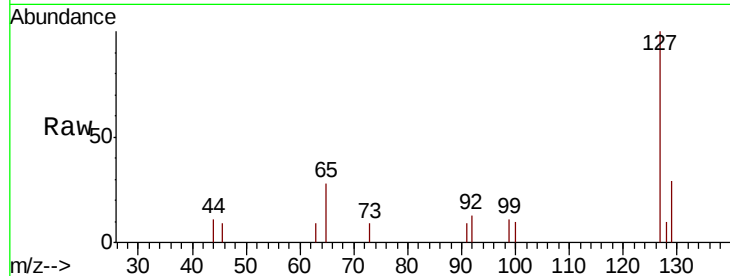




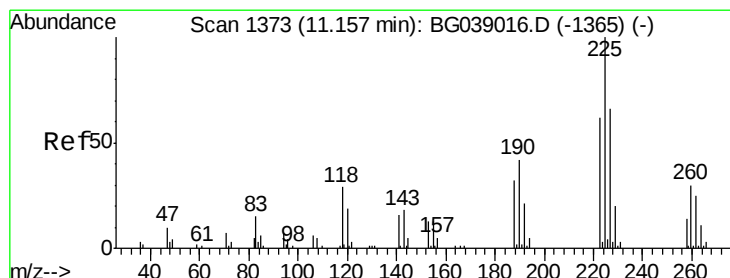
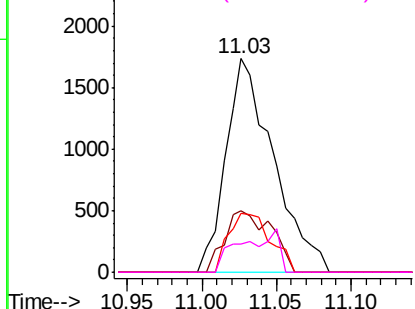
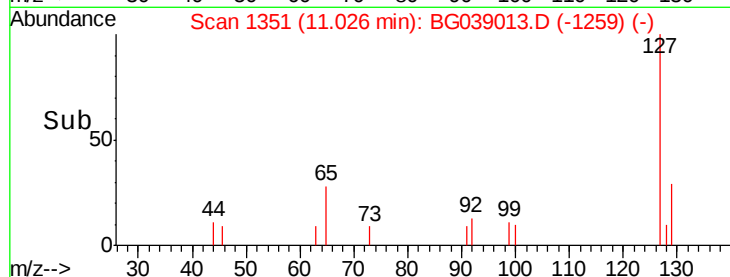
#33
4-Chloroaniline
Concen: 2.329 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 3851
Ion Ratio Lower Upper
127 100
129 28.5 25.4 38.0
65 27.6 25.4 38.0
92 13.4 15.2 22.8#

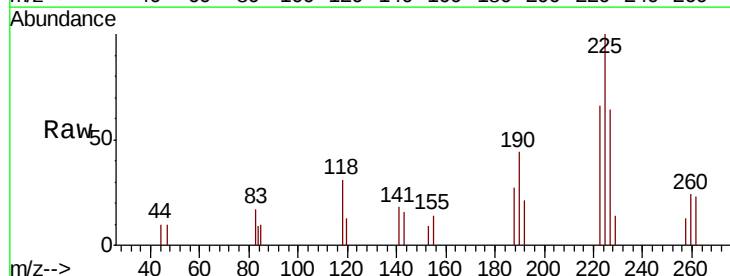


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

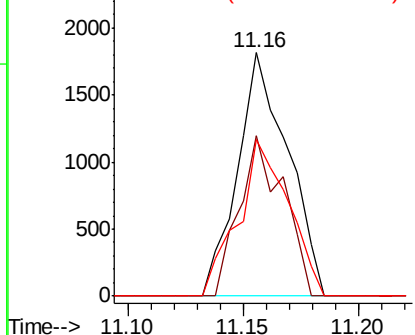
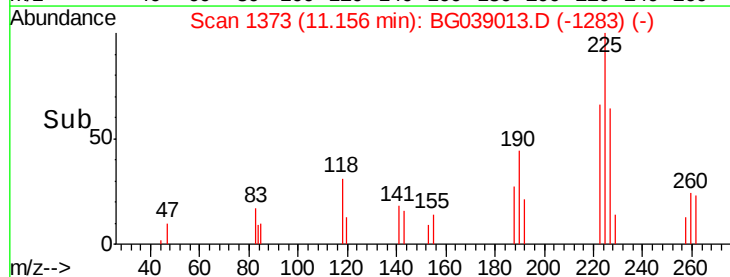


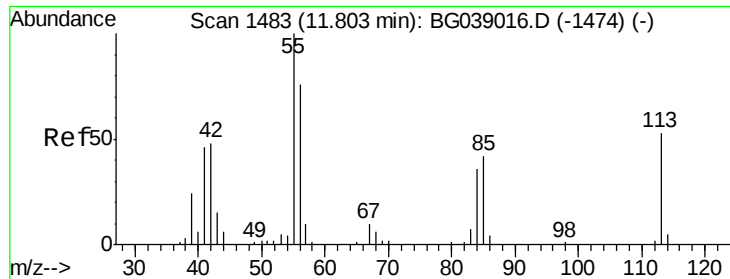
#34
Hexachlorobutadiene
Concen: 2.694 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Tgt Ion:225 Resp: 2751
Ion Ratio Lower Upper
225 100
223 65.9 50.2 75.4
227 64.3 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: 2.190 ng

RT: 11.79 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

Instrument :

BNA_G

ClientSampled :

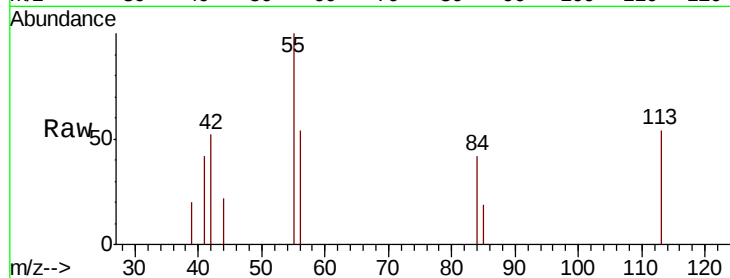
Tot Ion:113 Resp: 1132

Ion Ratio Lower Upper

113 100

55 186.8 168.6 208.6

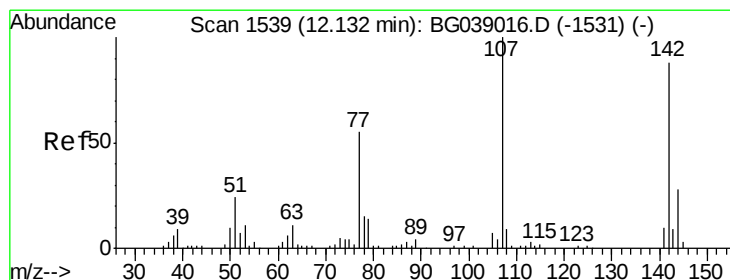
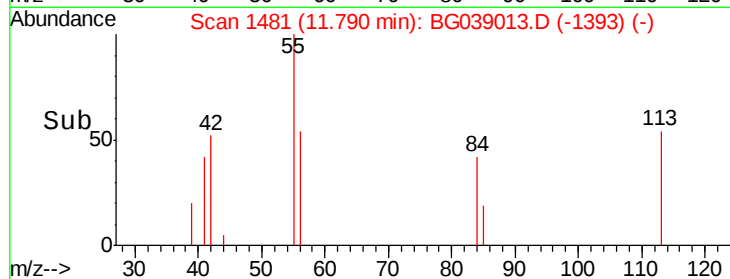
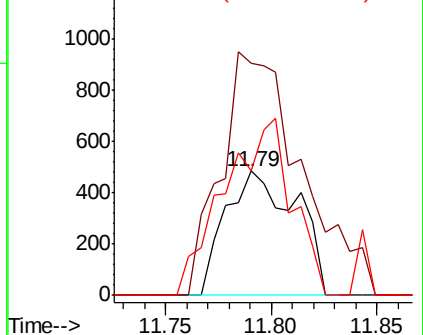
56 100.6 123.2 163.2#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 2.284 ng

RT: 12.14 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

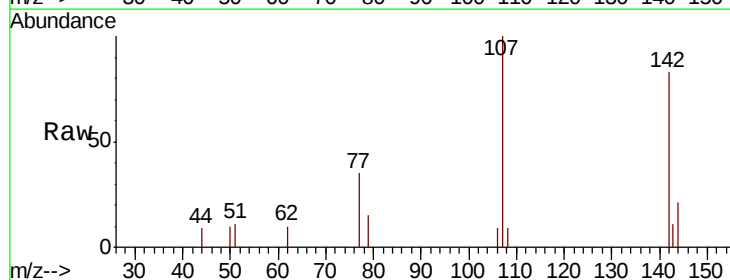
Tgt Ion:107 Resp: 3256

Ion Ratio Lower Upper

107 100

144 21.2 22.6 34.0#

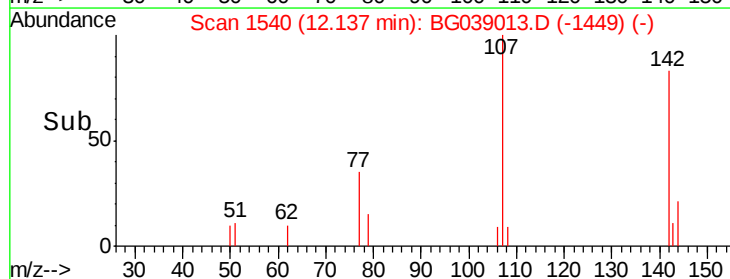
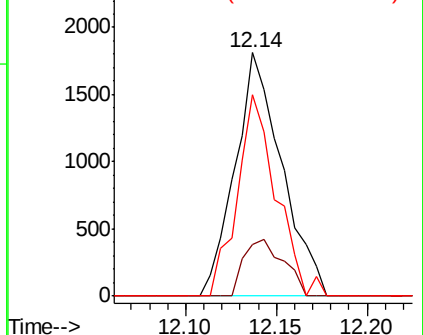
142 83.0 70.2 105.4

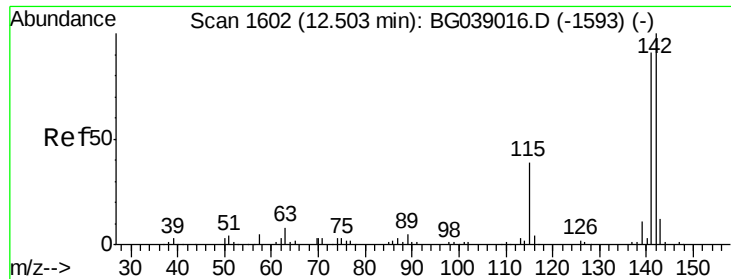


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

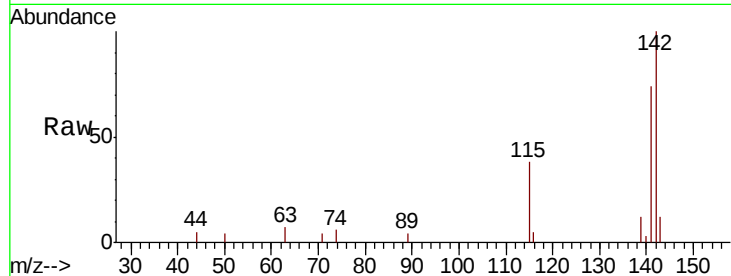




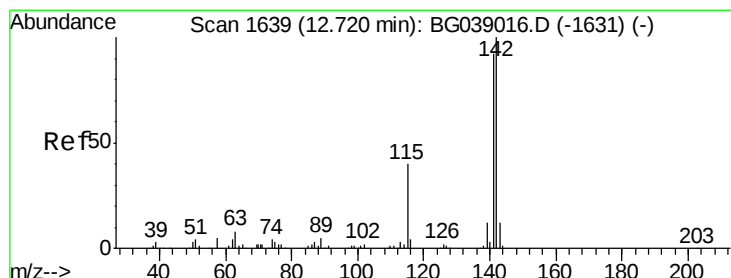
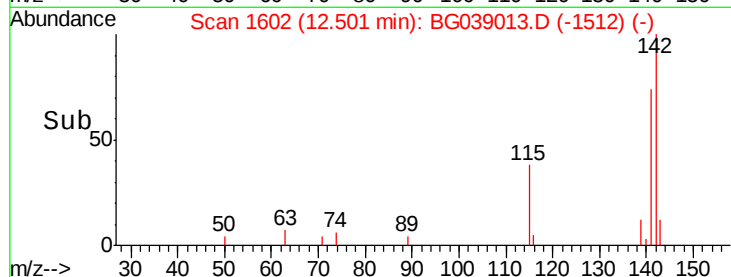
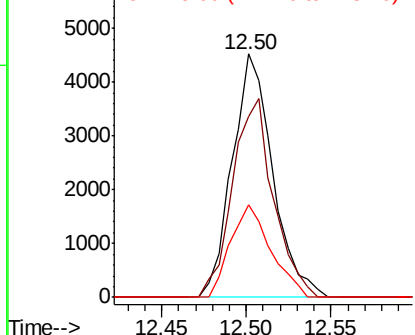
#37
2-Methylnaphthalene
Concen: 2.775 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 7540
Ion Ratio Lower Upper
142 100
141 74.2 72.6 109.0
115 38.3 31.1 46.7

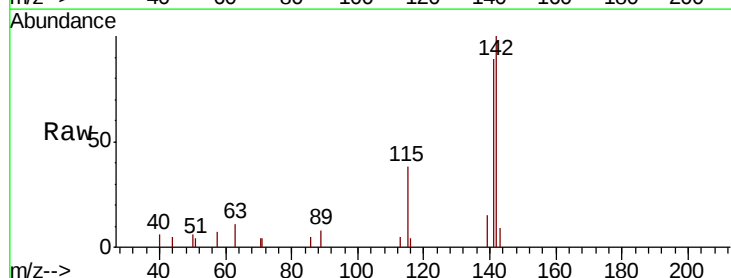


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

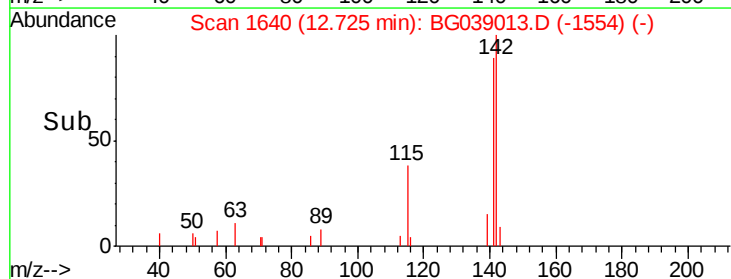
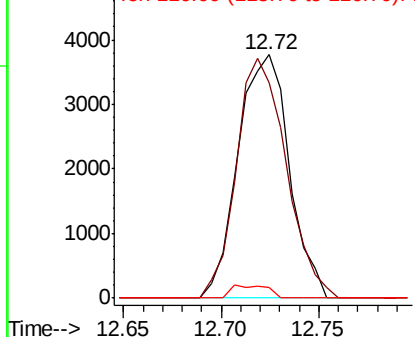


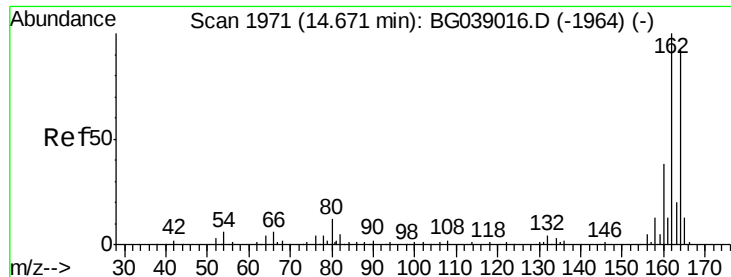
#38
1-Methylnaphthalene
Concen: 2.588 ng
RT: 12.72 min Scan# 1640
Delta R.T. 0.00 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Tgt Ion:142 Resp: 6824
Ion Ratio Lower Upper
142 100
141 88.7 73.3 109.9
116 4.3 3.1 4.7



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

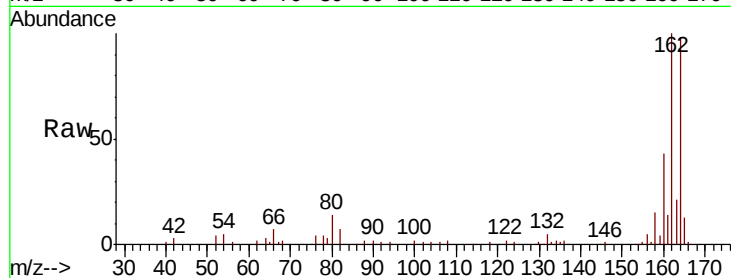
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 56720

Ion	Ratio	Lower	Upper
164	100		
162	102.4	87.2	130.8
160	44.0	33.3	49.9

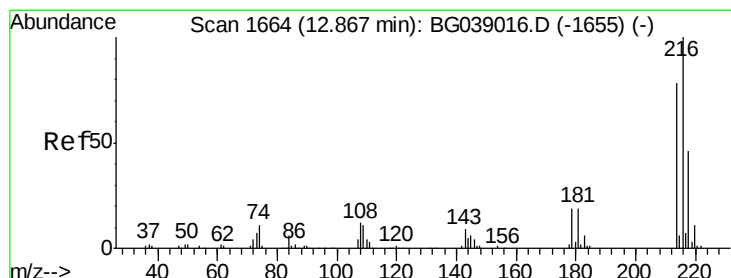
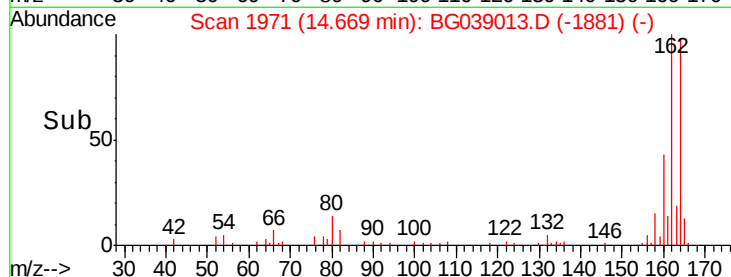
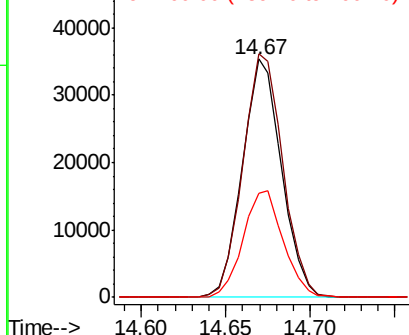


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 2.480 ng

RT: 12.86 min Scan# 1663

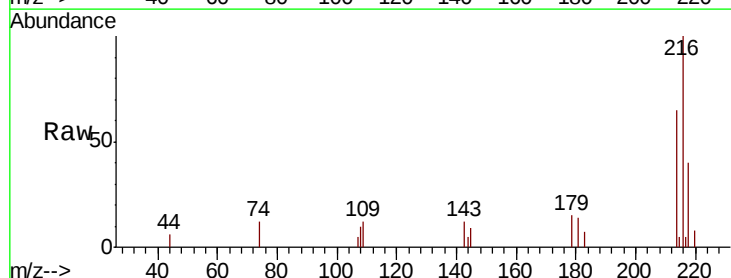
Delta R.T. -0.01 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

Tgt Ion:216 Resp: 5258

Ion	Ratio	Lower	Upper
216	100		
214	72.9	63.4	95.2
179	19.6	15.5	23.3
108	10.1	11.4	17.2#



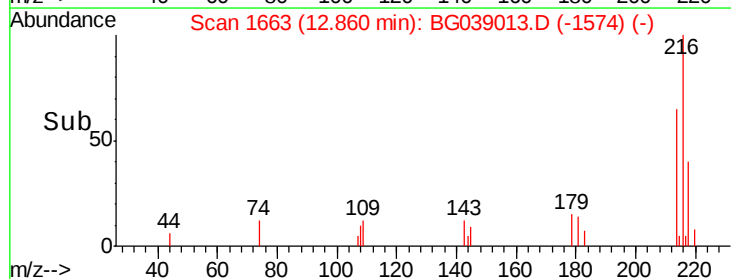
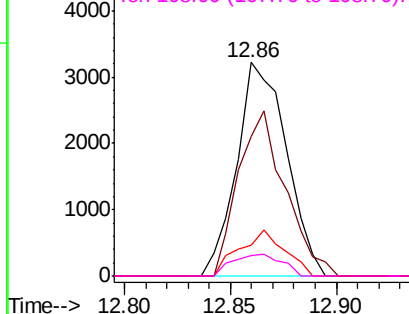
Abundance

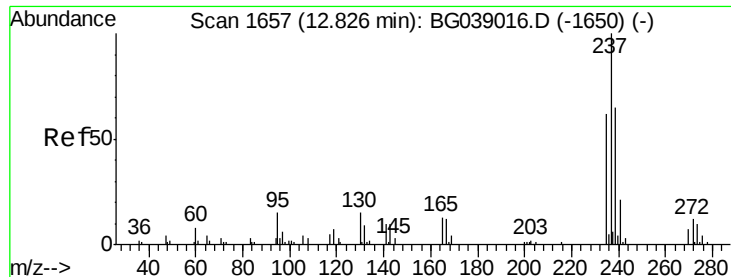
Ion 216.00 (215.70 to 216.70): E

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: 0.757 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

Instrument :

BNA_G

ClientSampleId :

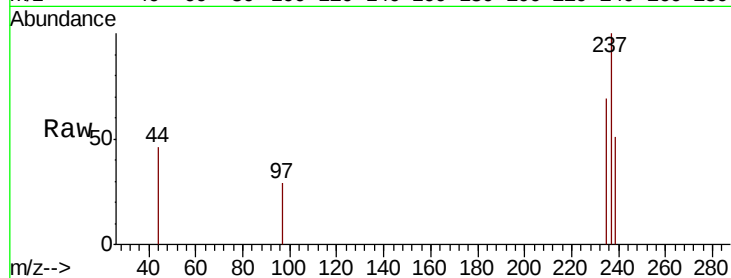
Tot Ion:237 Resp: 882

Ion Ratio Lower Upper

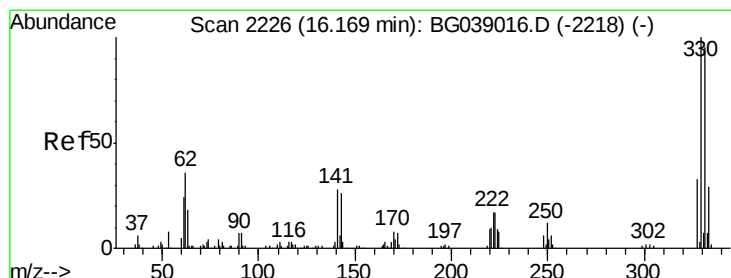
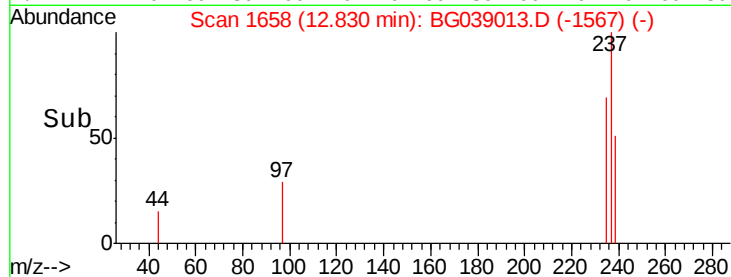
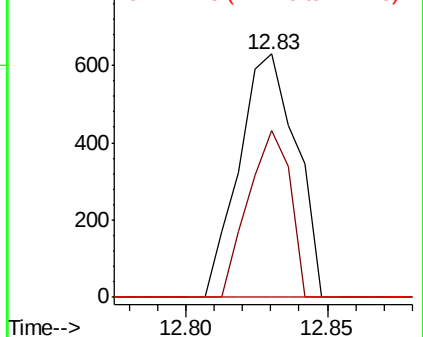
237 100

235 68.6 41.7 81.7

272 0.0 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: 5.703 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

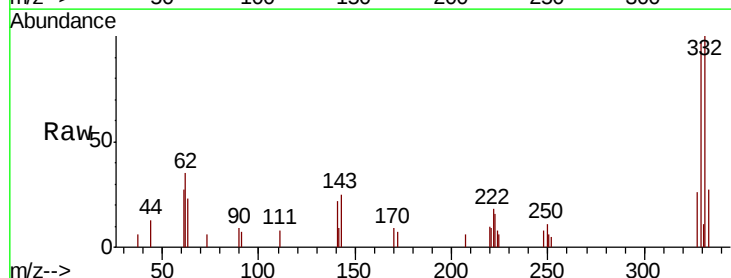
Tgt Ion:330 Resp: 4458

Ion Ratio Lower Upper

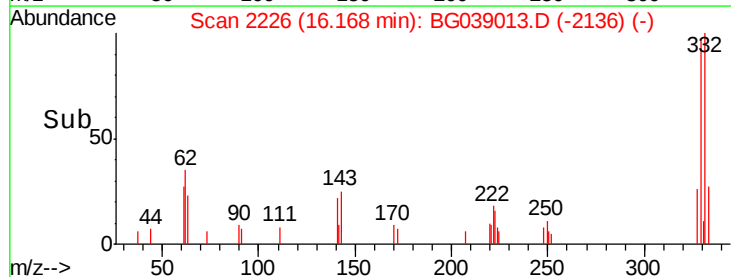
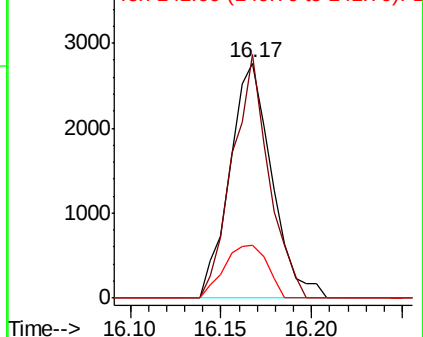
330 100

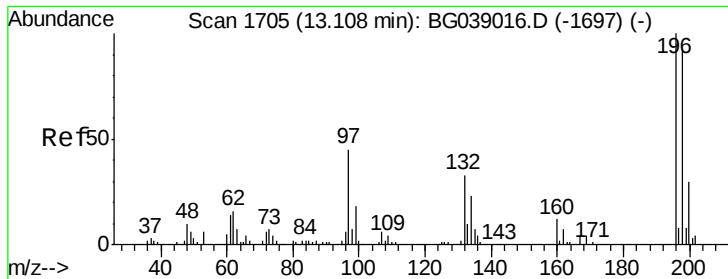
332 89.4 75.7 113.5

141 22.9 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

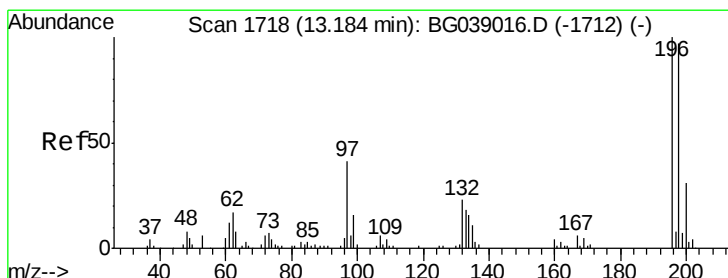
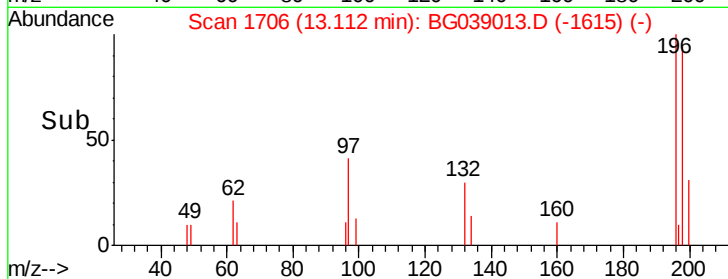
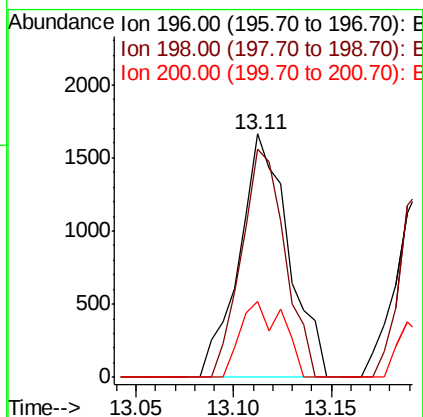
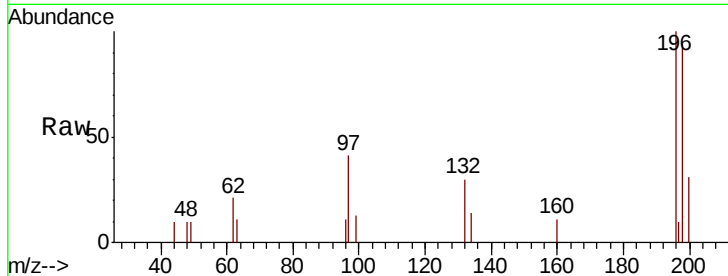




#43
 2,4,6-Trichlorophenol
 Concen: 2.233 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG039013.D
 Acq: 9 Jan 2019 9:42

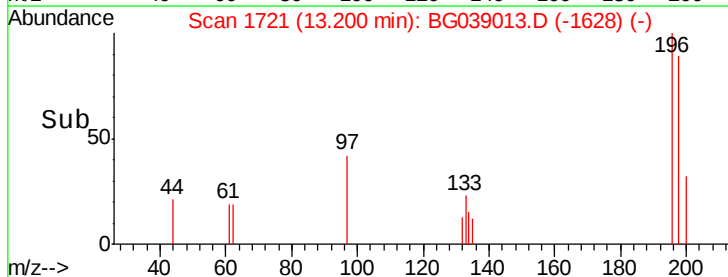
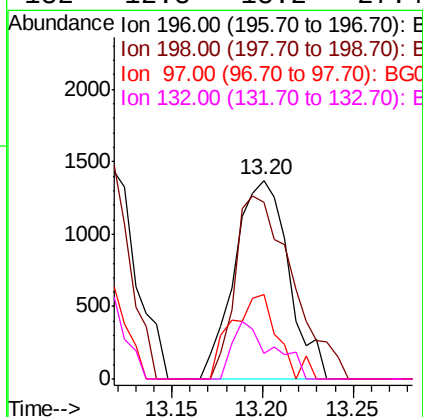
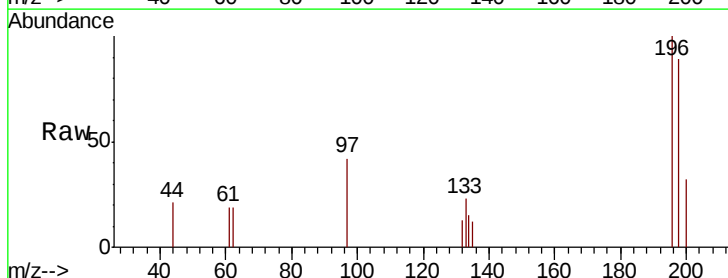
Instrument :
 BNA_G
 ClientSampleId :

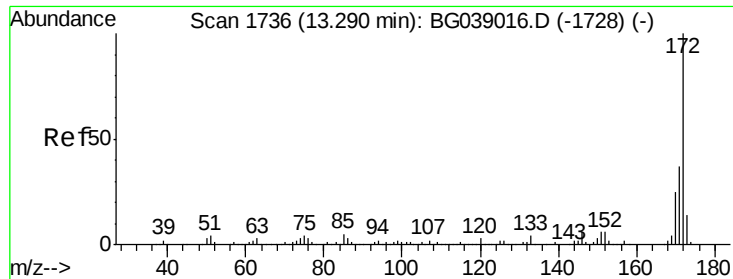
Tot Ion:196 Resp: 2911
 Ion Ratio Lower Upper
 196 100
 198 93.9 74.5 111.7
 200 30.9 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 2.061 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. 0.02 min
 Lab File: BG039013.D
 Acq: 9 Jan 2019 9:42

Tgt Ion:196 Resp: 2844
 Ion Ratio Lower Upper
 196 100
 198 88.9 78.1 117.1
 97 42.3 33.2 49.8
 132 12.8 18.2 27.4#

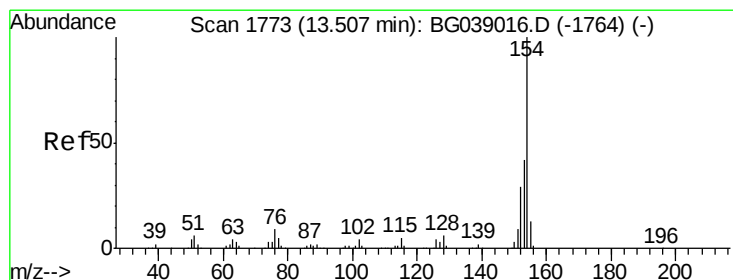
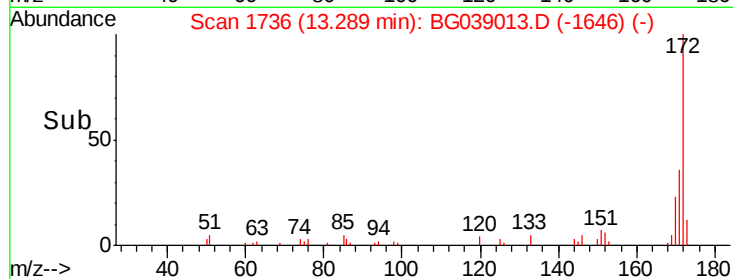
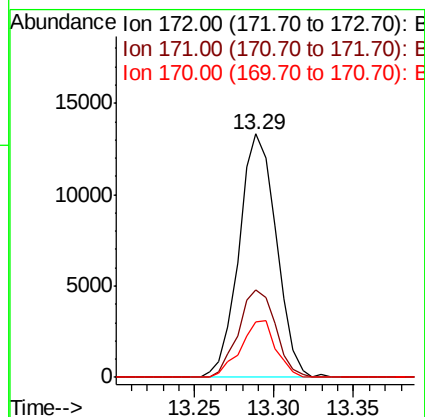
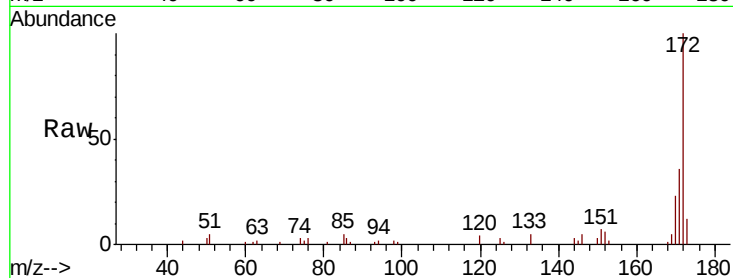




#45
2-Fluorobiphenyl
Concen: 5.263 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

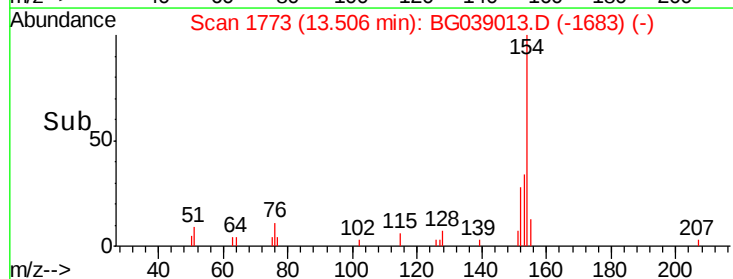
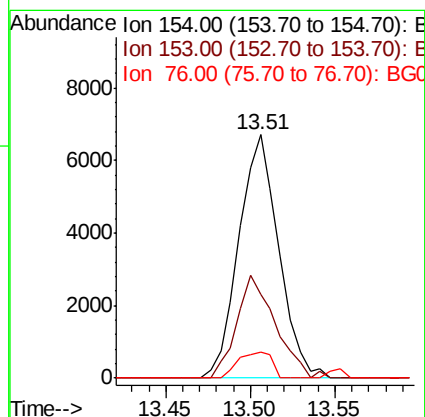
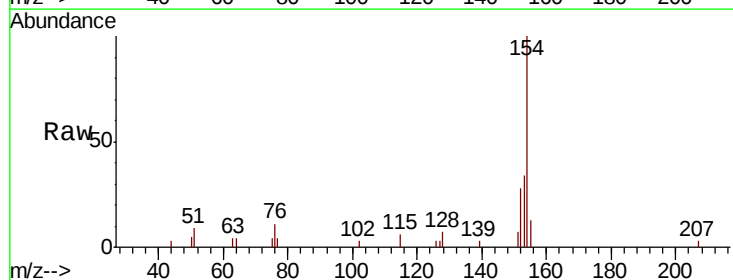
Instrument :
BNA_G
ClientSampleId :

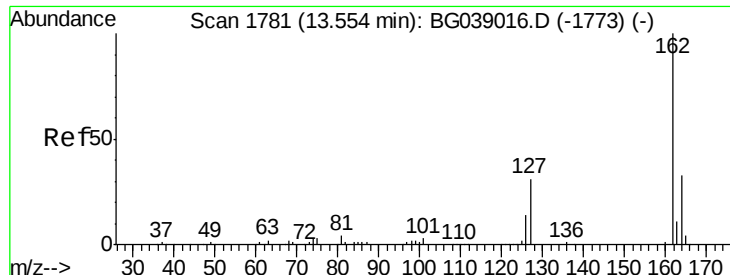
Tot Ion:172 Resp: 21762
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 22.8 20.1 30.1



#46
1,1'-Biphenyl
Concen: 2.304 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Tgt Ion:154 Resp: 10957
Ion Ratio Lower Upper
154 100
153 34.3 22.4 62.4
76 11.0 0.0 29.4

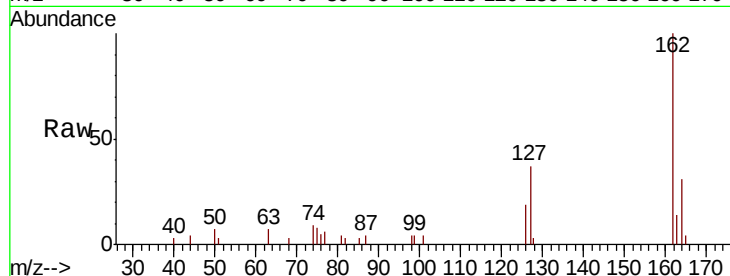




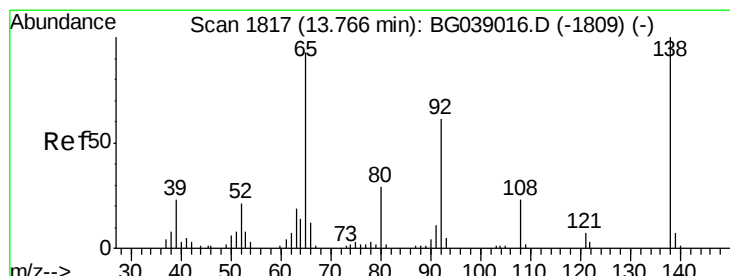
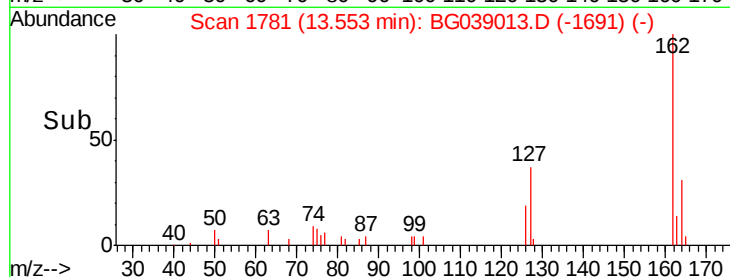
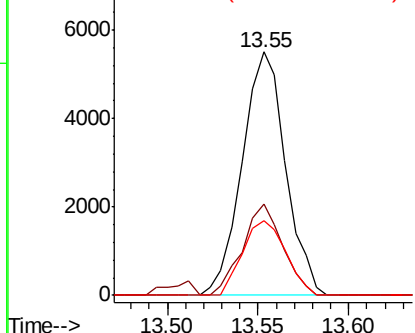
#47
2-Chloronaphthalene
Concen: 2.499 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 9178
Ion Ratio Lower Upper
162 100
127 37.3 28.4 42.6
164 30.8 26.3 39.5

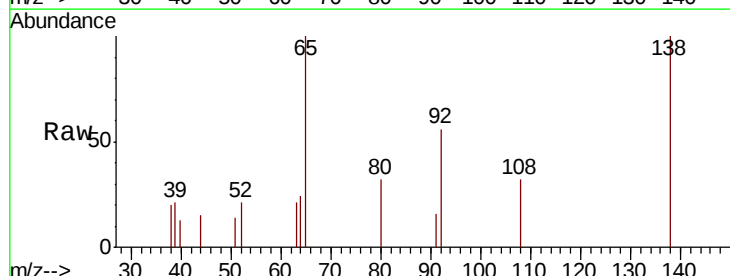


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

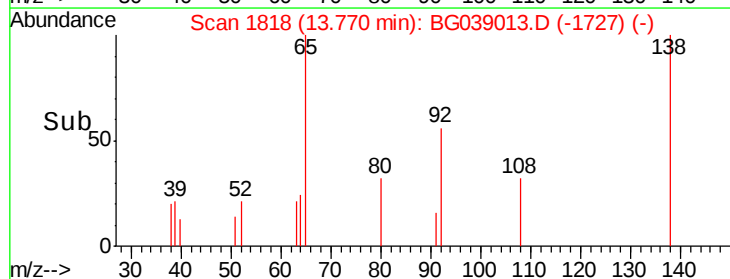
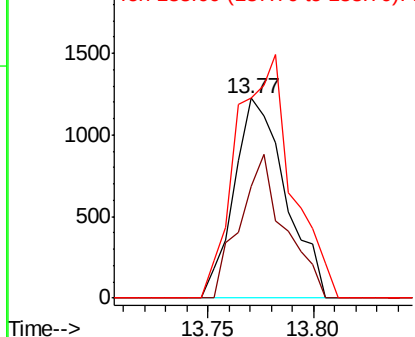


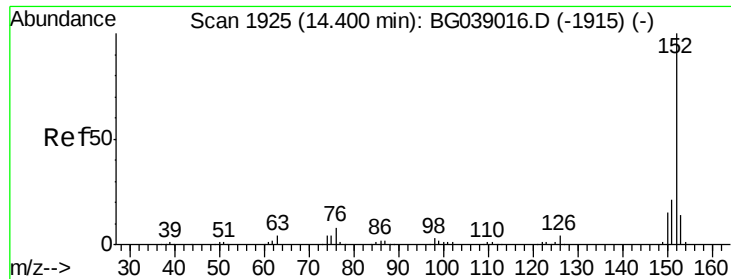
#48
2-Nitroaniline
Concen: 1.774 ng
RT: 13.77 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Tgt Ion: 65 Resp: 2075
Ion Ratio Lower Upper
65 100
92 55.9 52.2 78.4
138 100.3 86.0 129.0



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





#49

Acenaphthylene

Concen: 2.523 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

Instrument :

BNA_G

ClientSampled :

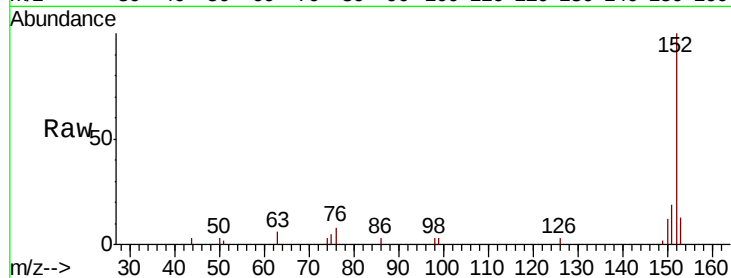
Tot Ion:152 Resp: 13852

Ion Ratio Lower Upper

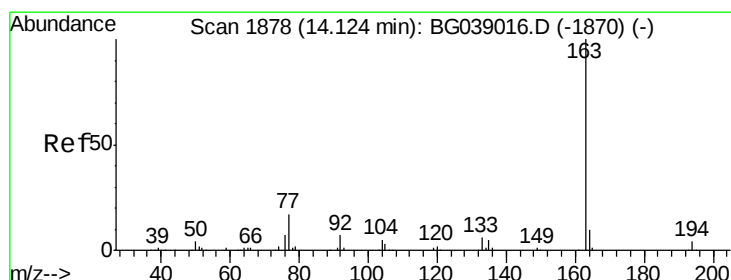
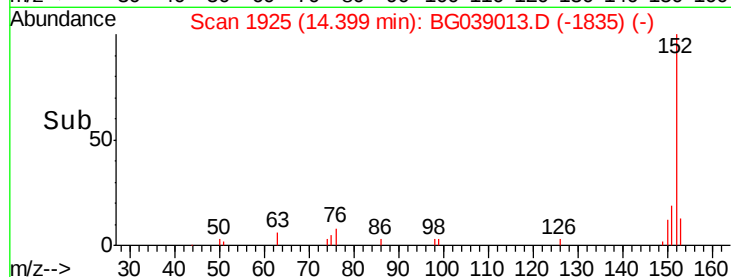
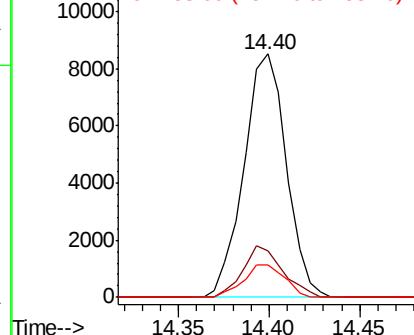
152 100

151 19.0 17.0 25.4

153 13.2 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: 2.622 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

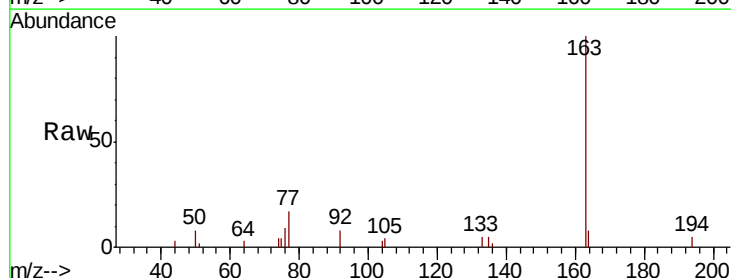
Tgt Ion:163 Resp: 12147

Ion Ratio Lower Upper

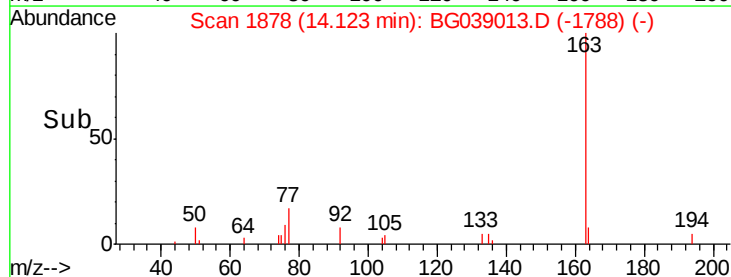
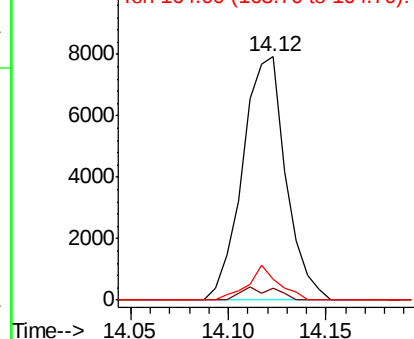
163 100

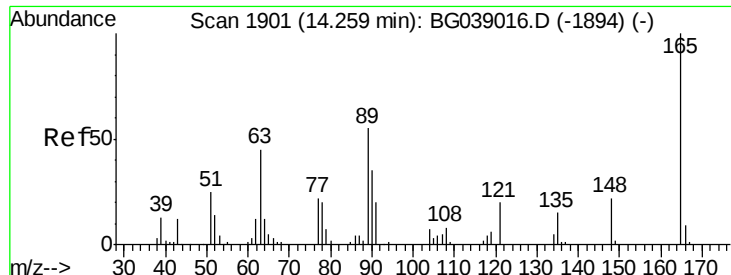
194 4.9 3.6 5.4

164 8.4 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

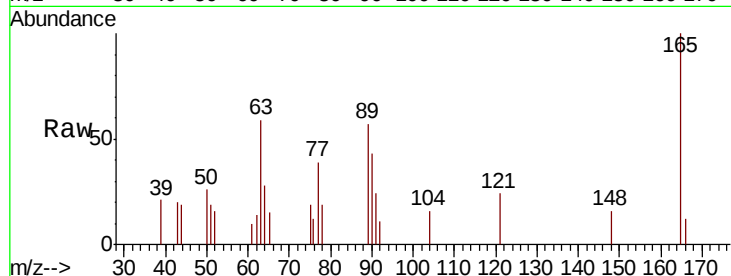




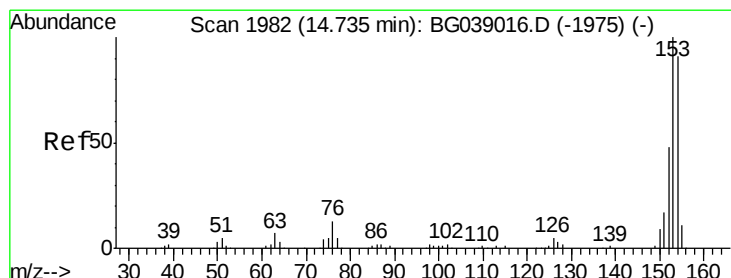
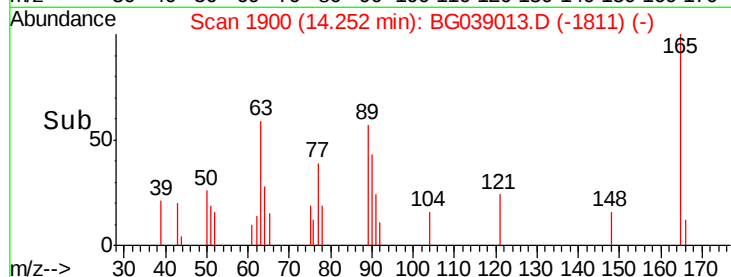
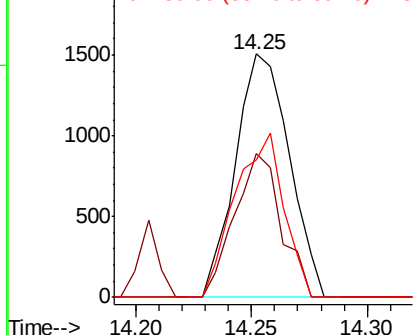
#51
 2,6-Dinitrotoluene
 Concen: 2.325 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG039013.D
 Acq: 9 Jan 2019 9:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 2441
 Ion Ratio Lower Upper
 165 100
 63 58.9 43.6 65.4
 89 56.7 43.7 65.5

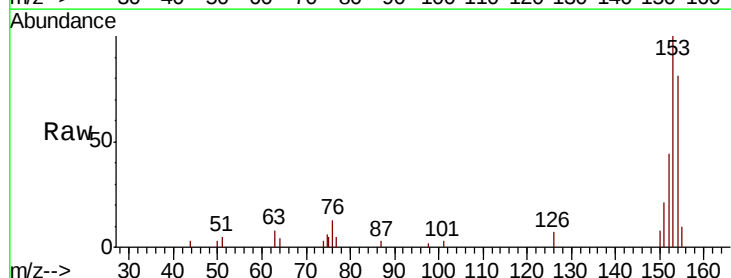


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

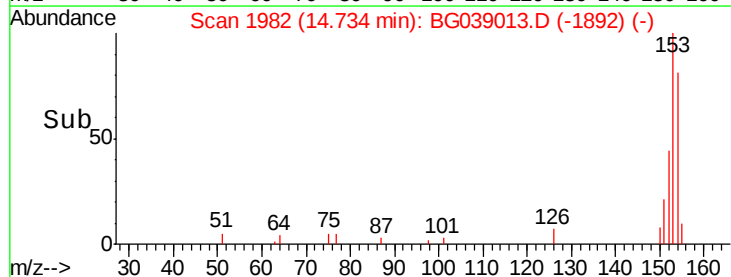
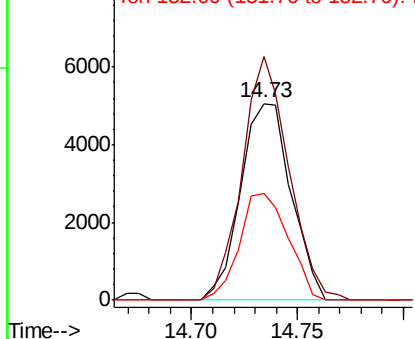


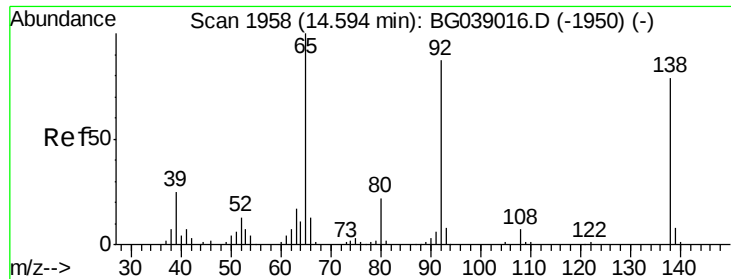
#52
 Acenaphthene
 Concen: 2.558 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG039013.D
 Acq: 9 Jan 2019 9:42

Tgt Ion:154 Resp: 8399
 Ion Ratio Lower Upper
 154 100
 153 123.9 87.9 131.9
 152 54.0 42.2 63.2



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

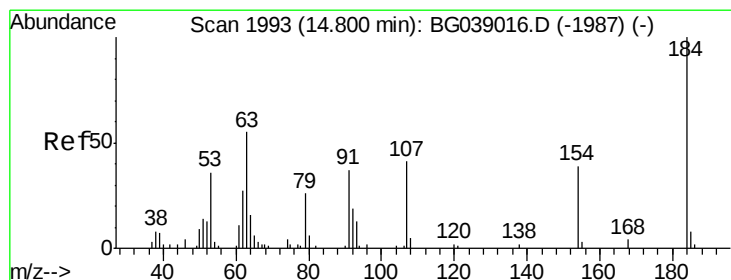
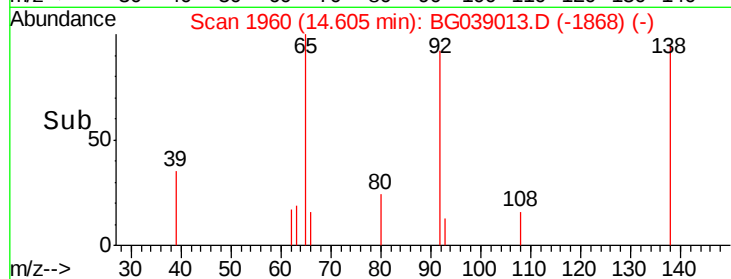
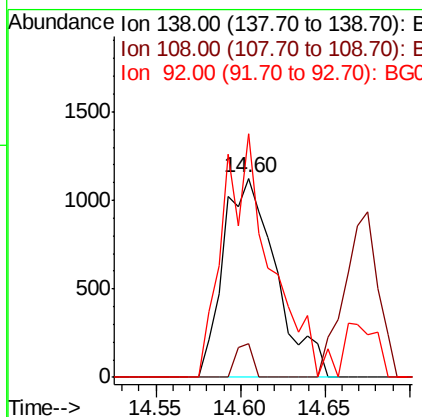
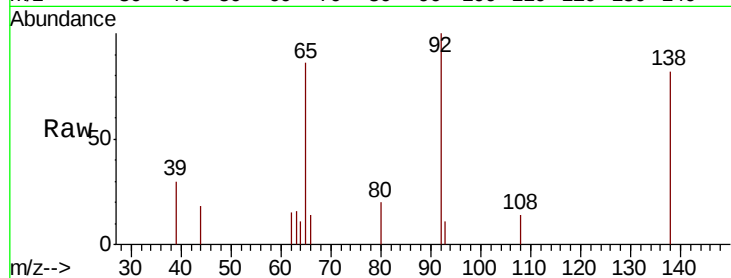




#53
 3-Nitroaniline
 Concen: 2.293 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. 0.01 min
 Lab File: BG039013.D
 Acq: 9 Jan 2019 9:42

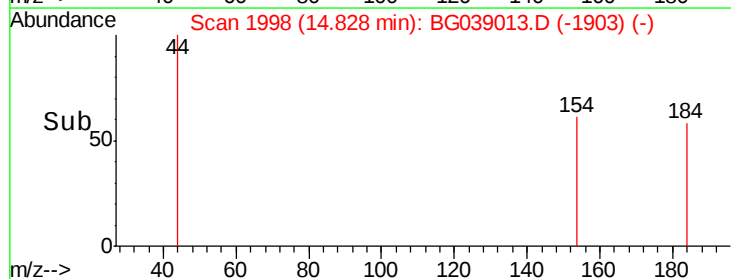
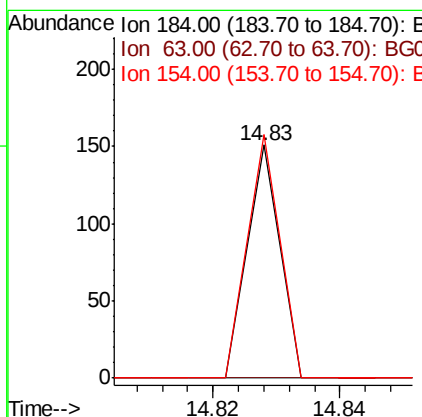
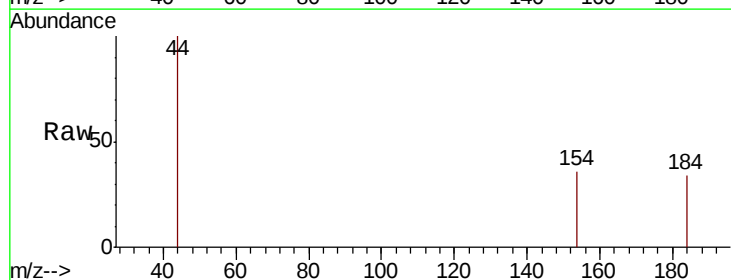
Instrument :
 BNA_G
 ClientSampleId :

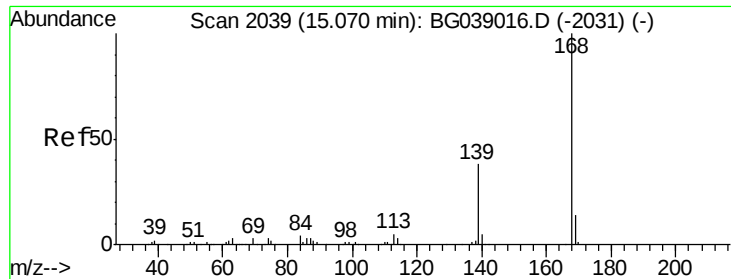
Tot Ion:138 Resp: 2454
 Ion Ratio Lower Upper
 138 100
 108 17.3 7.4 11.0#
 92 122.4 88.2 132.4



#54
 2,4-Dinitrophenol
 Concen: 0.097 ng
 RT: 14.83 min Scan# 1998
 Delta R.T. 0.03 min
 Lab File: BG039013.D
 Acq: 9 Jan 2019 9:42

Tgt Ion:184 Resp: 53
 Ion Ratio Lower Upper
 184 100
 63 0.0 44.0 66.0#
 154 104.6 46.1 69.1#

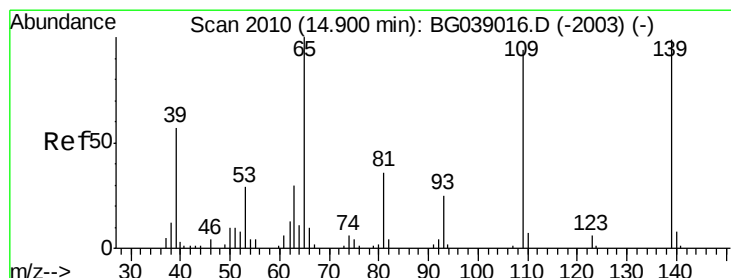
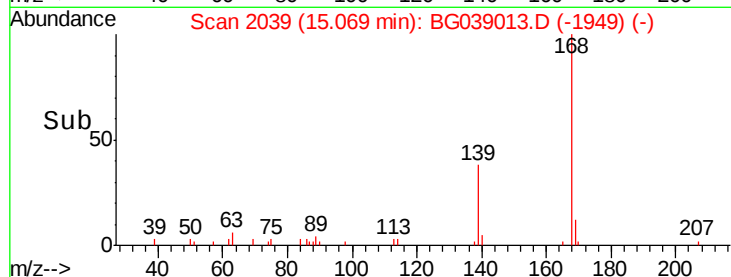
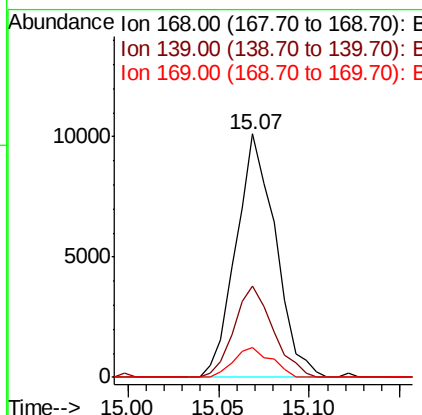
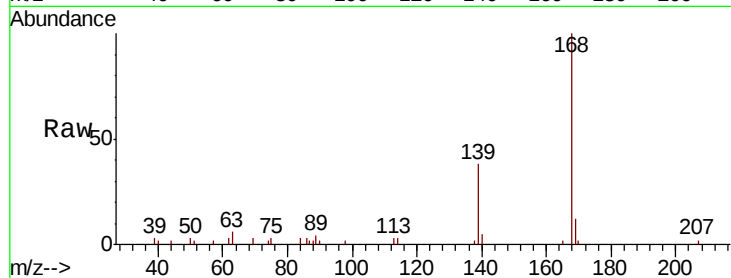




#55
Dibenzenofuran
Concen: 2.720 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

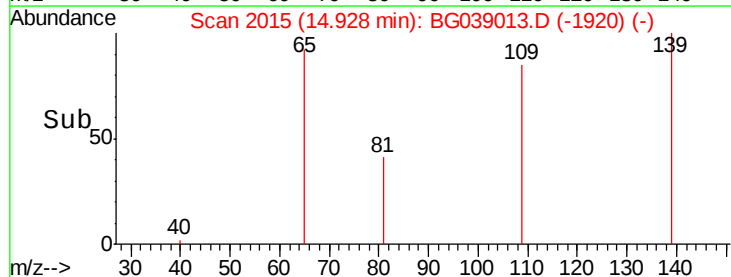
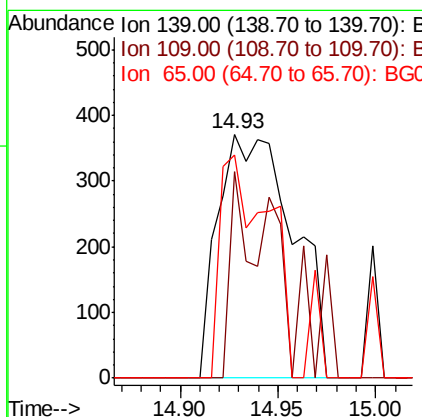
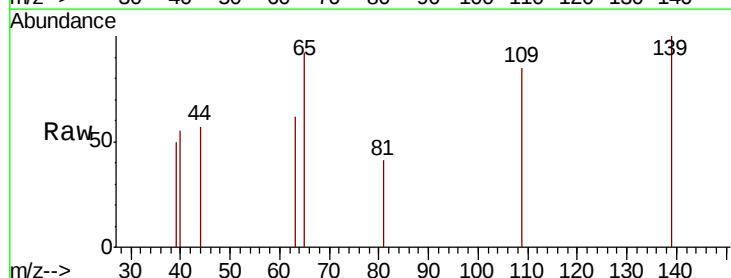
Instrument :
BNA_G
ClientSampleId :

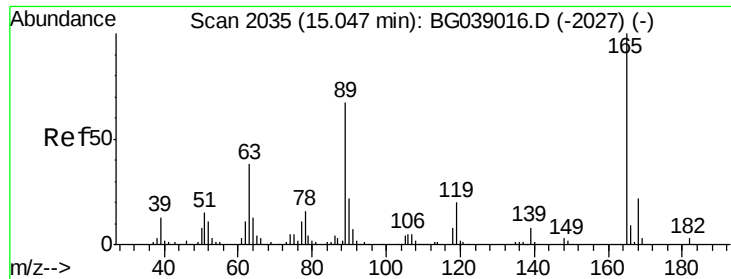
Tot Ion:168 Resp: 15306
Ion Ratio Lower Upper
168 100
139 37.6 30.1 45.1
169 12.2 10.9 16.3



#56
4-Nitrophenol
Concen: 1.217 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.03 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Tgt Ion:139 Resp: 988
Ion Ratio Lower Upper
139 100
109 84.6 75.6 115.6
65 91.6 81.2 121.2

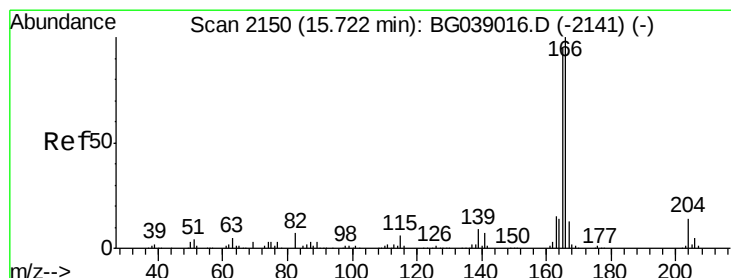
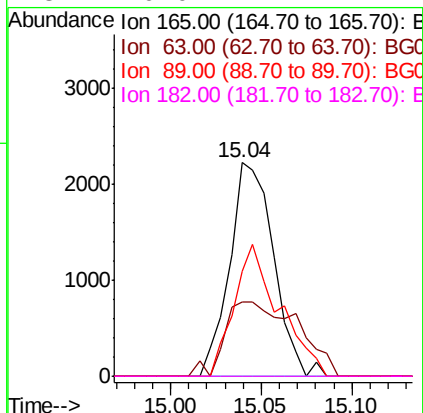
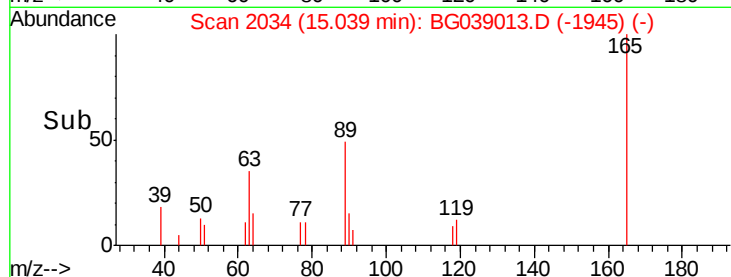
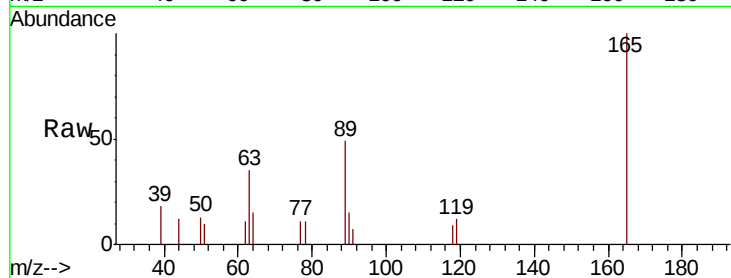




#57
2,4-Dinitrotoluene
Concen: 2.546 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

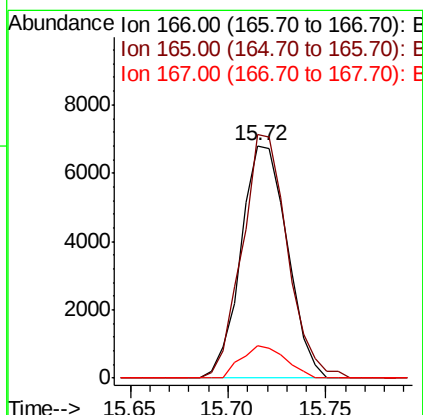
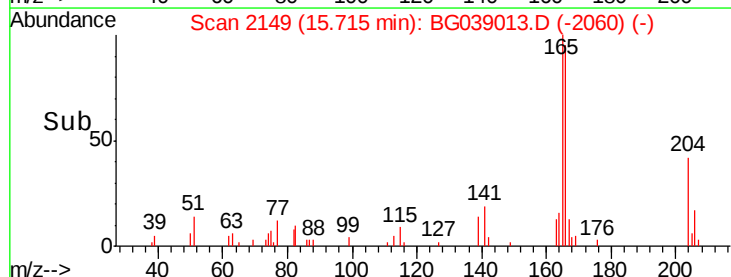
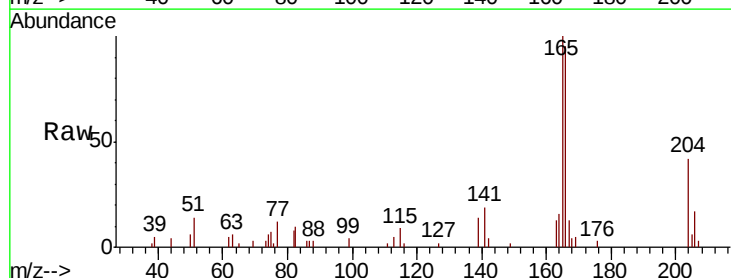
Instrument :
BNA_G
ClientSampleId :

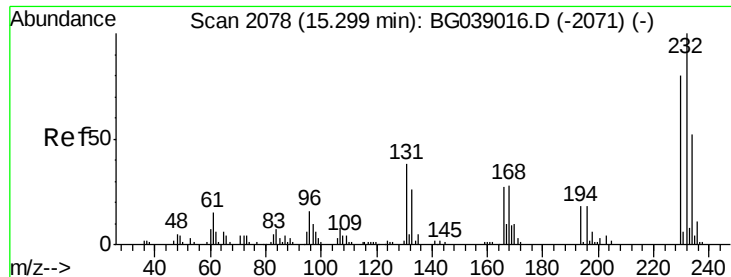
Tot Ion:165 Resp: 3764
Ion Ratio Lower Upper
165 100
63 34.7 30.2 45.4
89 49.3 53.2 79.8#
182 0.0 2.7 4.1#



#58
Fluorene
Concen: 2.687 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Tgt Ion:166 Resp: 11205
Ion Ratio Lower Upper
166 100
165 104.8 76.2 114.2
167 13.7 10.6 16.0

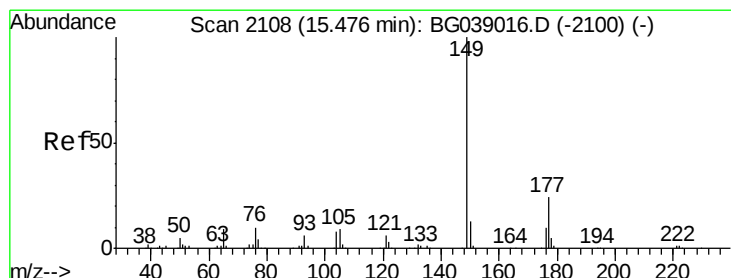
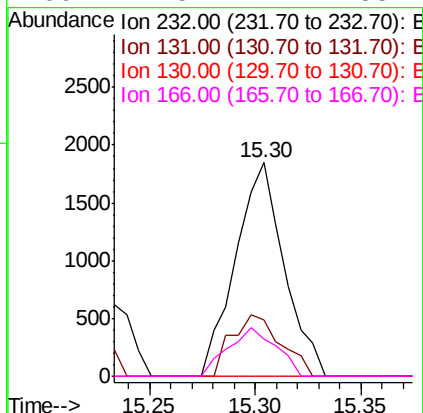
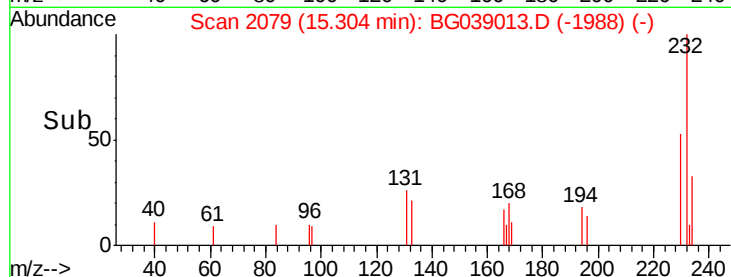
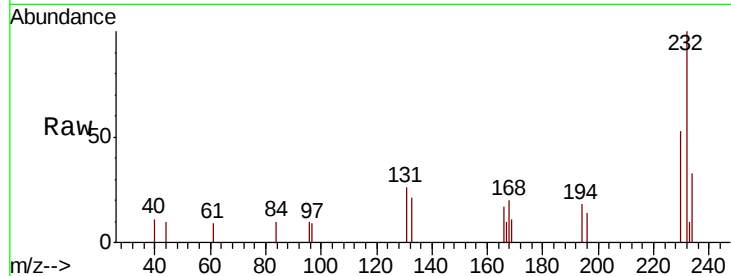




#59
2,3,4,6-Tetrachlorophenol
Concen: 2.380 ng
RT: 15.30 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

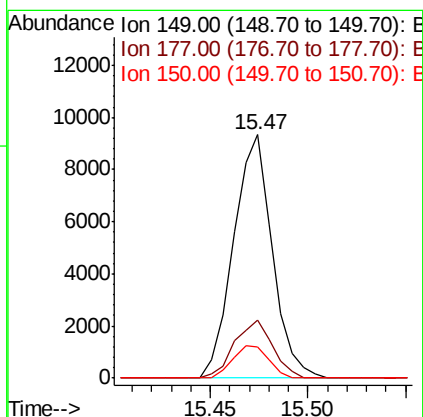
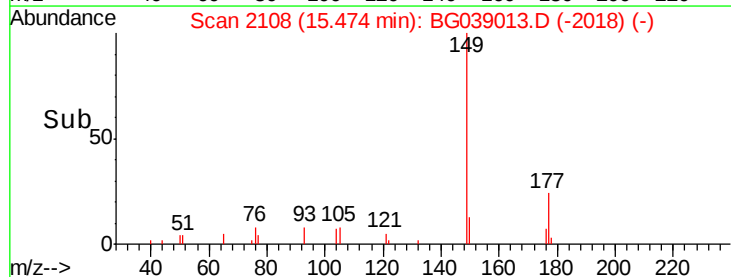
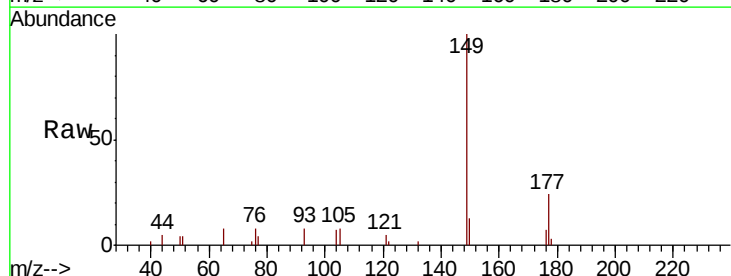
Instrument :
BNA_G
ClientSampleId :

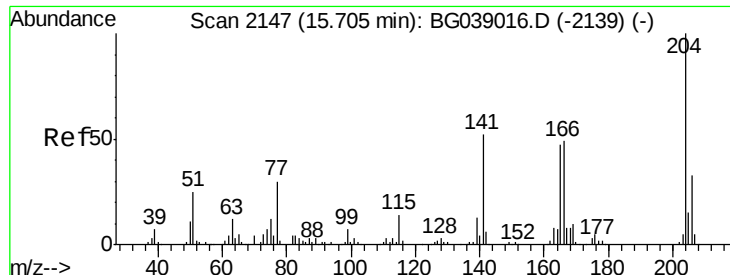
Tot Ion:232 Resp: 2955
Ion Ratio Lower Upper
232 100
131 29.1 30.9 46.3#
130 0.0 1.9 2.9#
166 22.5 22.1 33.1



#60
Diethylphthalate
Concen: 2.511 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Tgt Ion:149 Resp: 12769
Ion Ratio Lower Upper
149 100
177 24.0 19.0 28.6
150 12.8 10.2 15.4

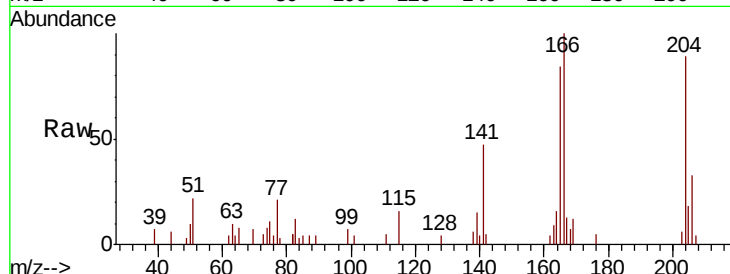




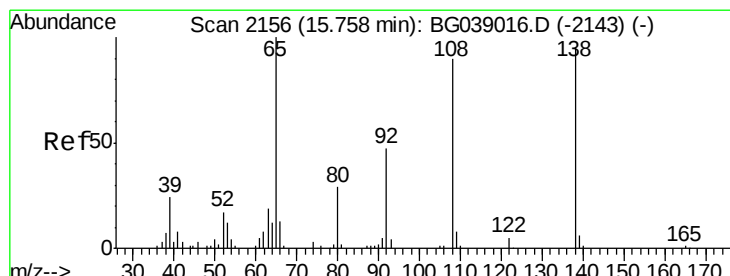
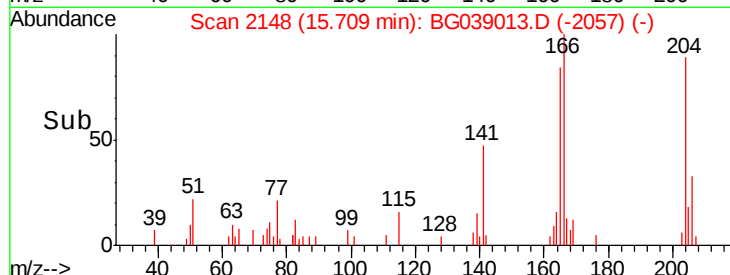
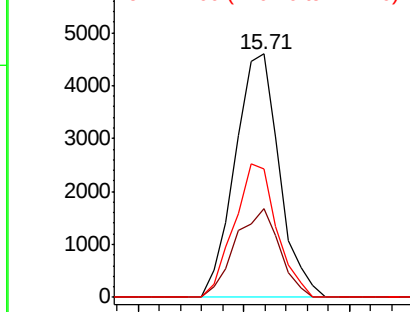
#61
4-Chlorophenyl-phenylether
Concen: 2.568 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 6680
Ion Ratio Lower Upper
204 100
206 36.5 26.6 39.8
141 52.9 41.4 62.0

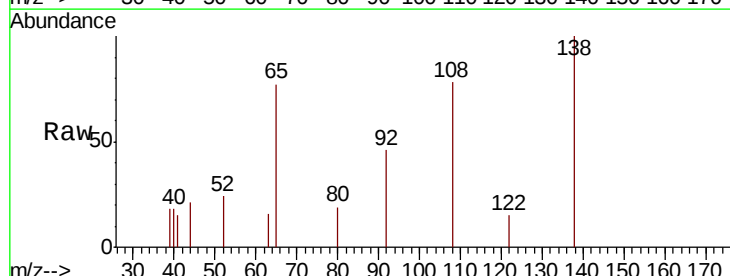


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

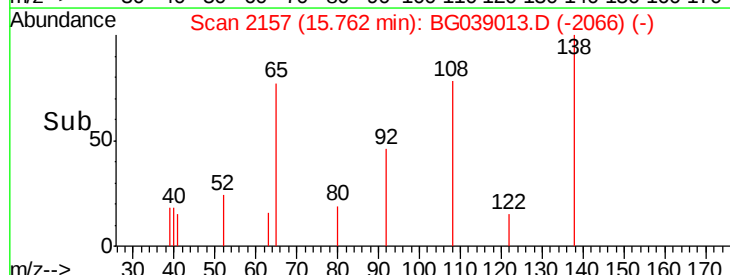
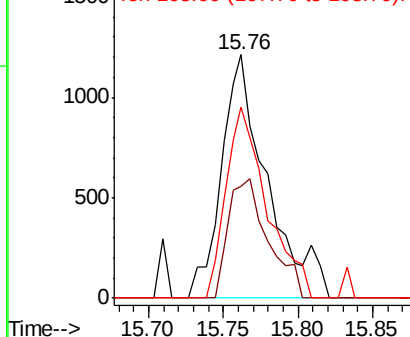


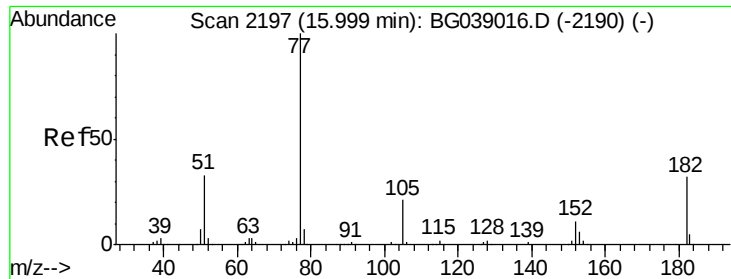
#62
4-Nitroaniline
Concen: 2.348 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Tgt Ion:138 Resp: 2587
Ion Ratio Lower Upper
138 100
92 45.9 29.7 69.7
108 78.3 75.7 115.7



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





#63

Azobenzene

Concen: 2.281 ng

RT: 16.00 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 9691

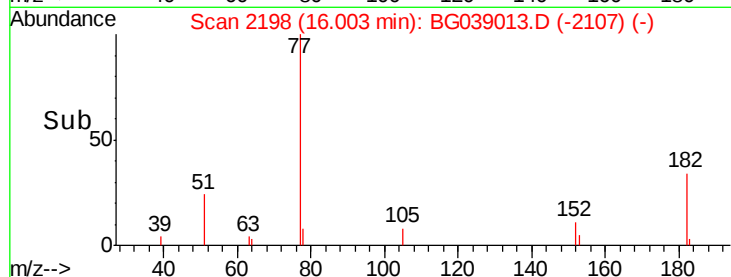
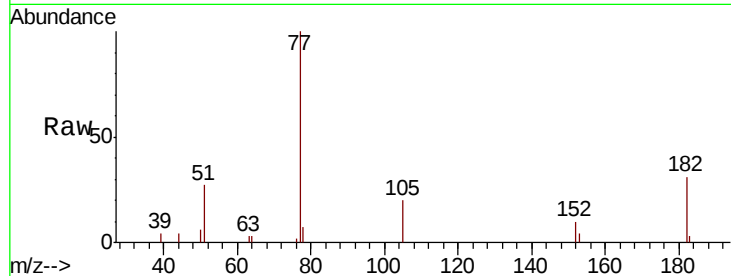
Ion	Ratio	Lower	Upper
77	100		
182	30.9	12.2	52.2
105	19.5	1.2	41.2
51	27.2	13.4	53.4

77 100

182 30.9 12.2 52.2

105 19.5 1.2 41.2

51 27.2 13.4 53.4

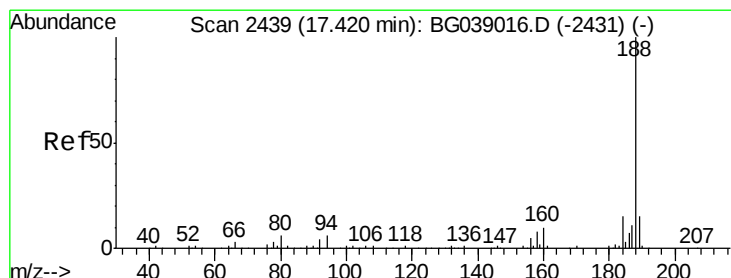
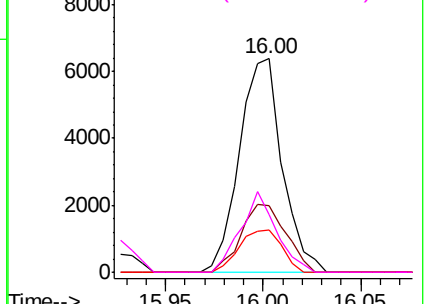


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

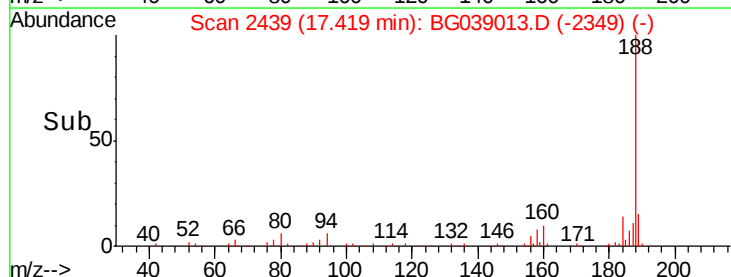
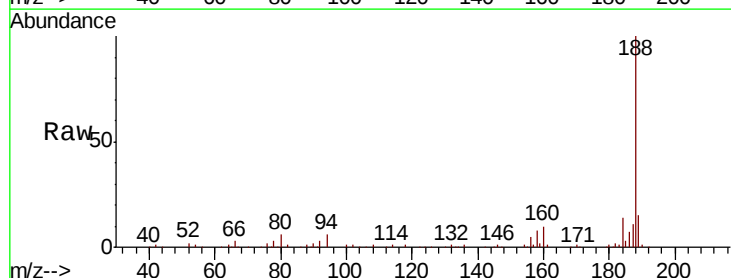
Tgt Ion: 188 Resp: 156062

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.0	7.4
80	6.0	4.7	7.1

188 100

94 6.5 5.0 7.4

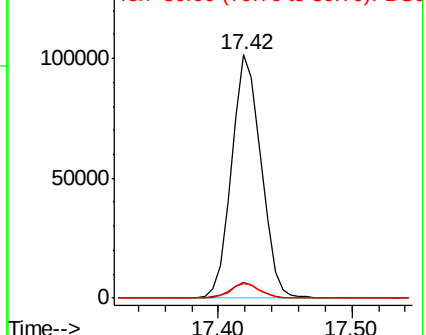
80 6.0 4.7 7.1

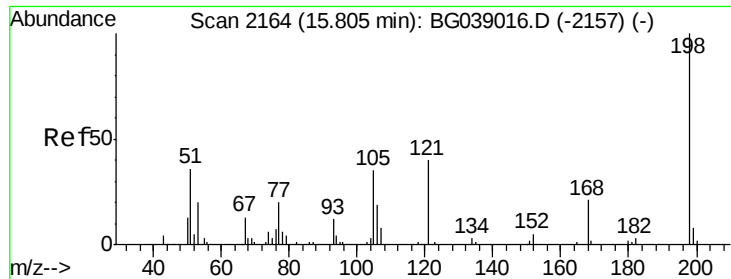


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

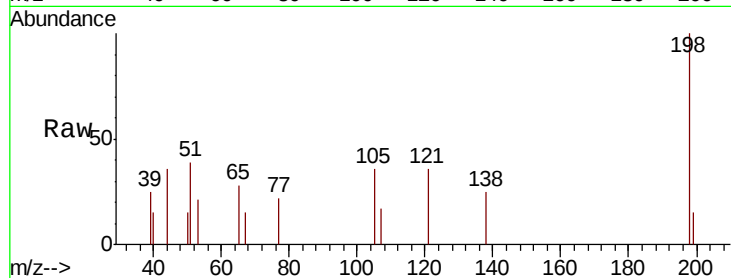




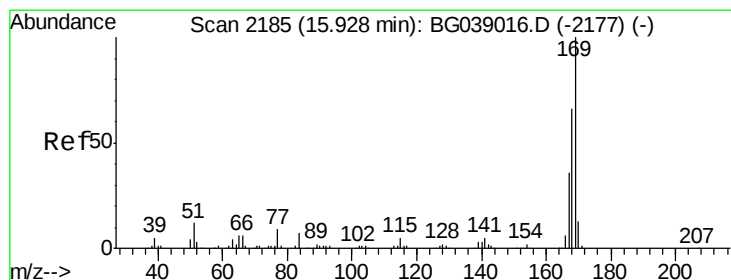
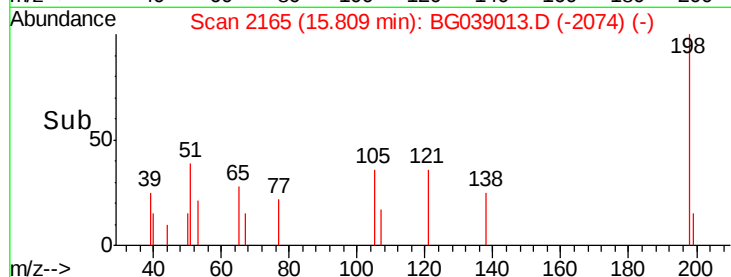
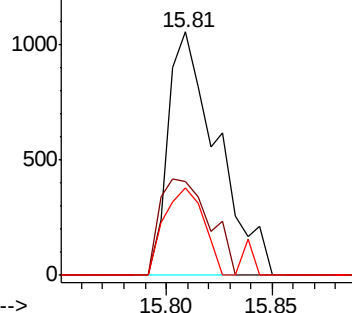
#65
 4,6-Dinitro-2-methylphenol
 Concen: 1.532 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BG039013.D
 Acq: 9 Jan 2019 9:42

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 1705
 Ion Ratio Lower Upper
 198 100
 51 38.8 20.8 60.8
 105 36.0 16.1 56.1

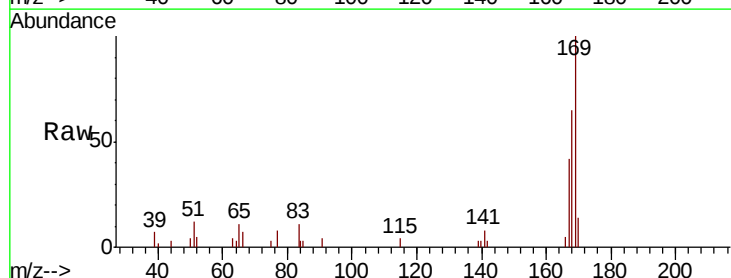


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

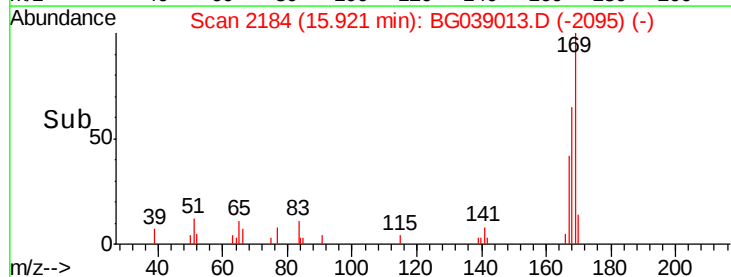
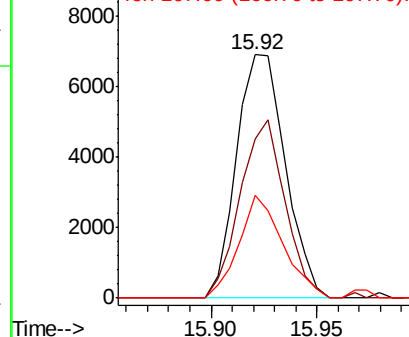


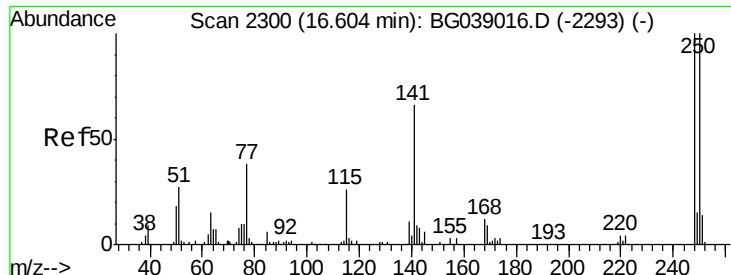
#66
 n-Nitrosodiphenylamine
 Concen: 2.403 ng
 RT: 15.92 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BG039013.D
 Acq: 9 Jan 2019 9:42

Tgt Ion:169 Resp: 11020
 Ion Ratio Lower Upper
 169 100
 168 65.5 53.2 79.8
 167 42.4 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

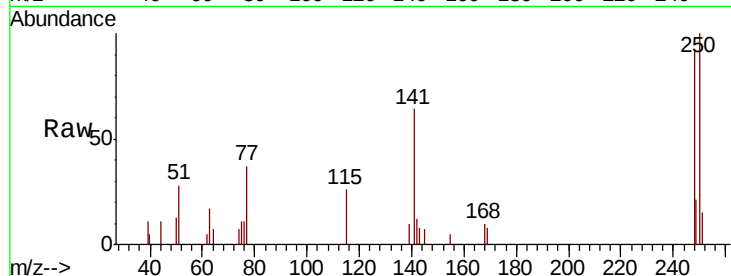




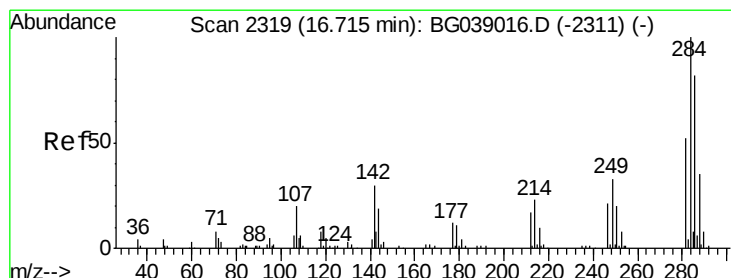
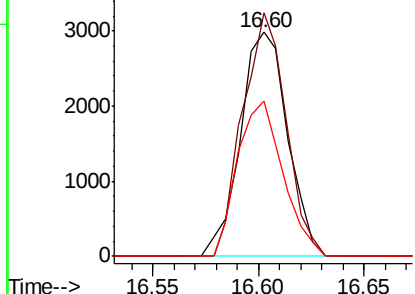
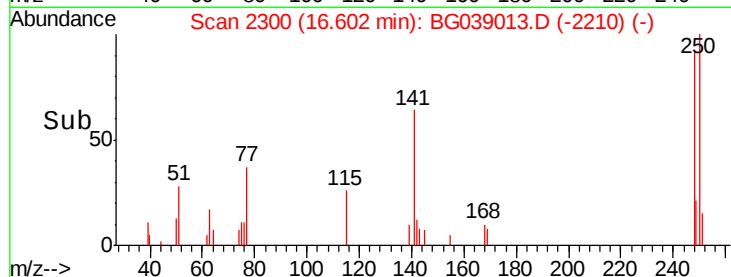
#67
 4-Bromophenyl-phenylether
 Concen: 2.416 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG039013.D
 Acq: 9 Jan 2019 9:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 4604
 Ion Ratio Lower Upper
 248 100
 250 108.6 79.9 119.9
 141 69.4 52.7 79.1

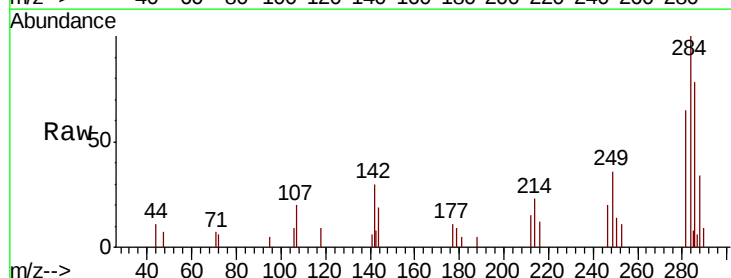


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

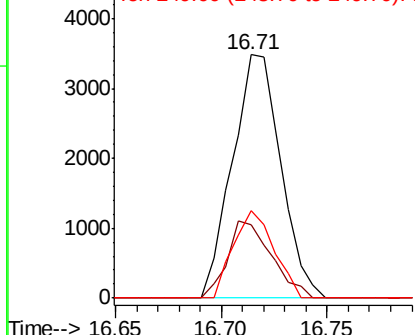
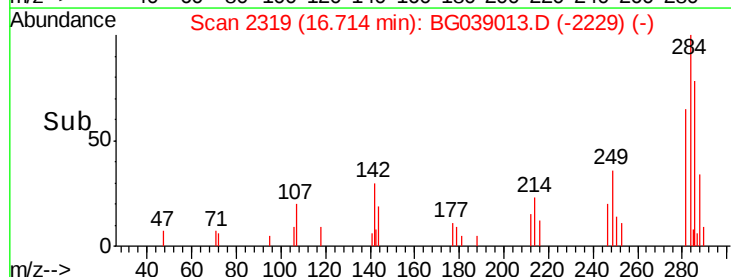


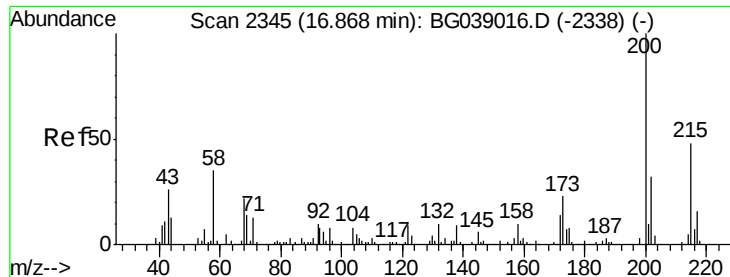
#68
 Hexachlorobenzene
 Concen: 2.802 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.00 min
 Lab File: BG039013.D
 Acq: 9 Jan 2019 9:42

Tgt Ion:284 Resp: 5536
 Ion Ratio Lower Upper
 284 100
 142 30.3 24.3 36.5
 249 36.2 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: 2.979 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

Instrument :

BNA_G

ClientSampleId :

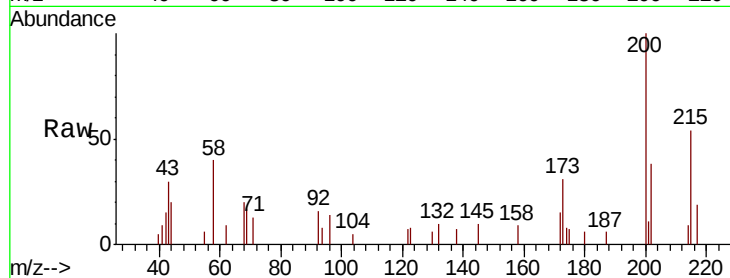
Tot Ion:200 Resp: 5070

Ion Ratio Lower Upper

200 100

173 30.8 2.6 42.6

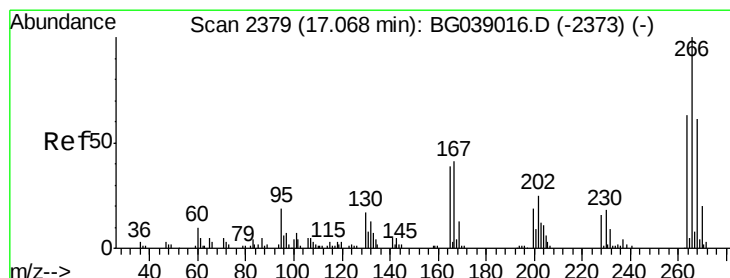
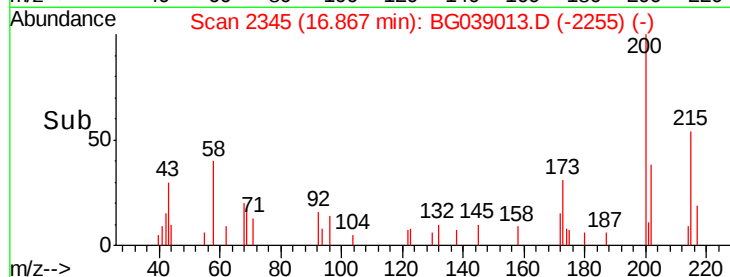
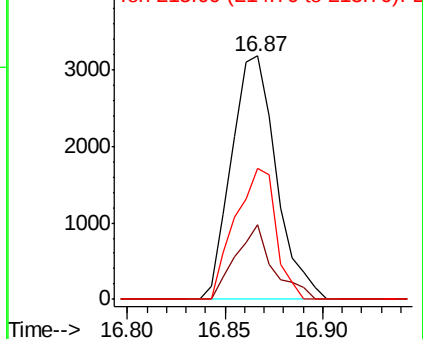
215 53.8 28.0 68.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 0.670 ng

RT: 17.07 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

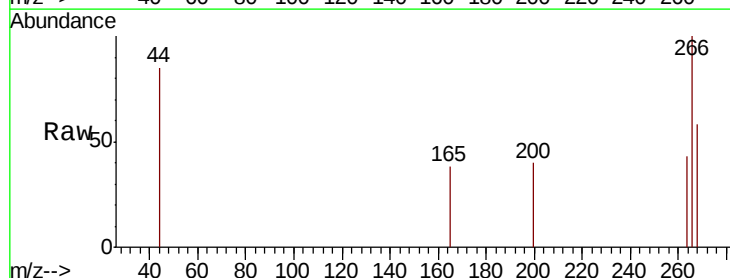
Tgt Ion:266 Resp: 783

Ion Ratio Lower Upper

266 100

268 57.6 52.0 78.0

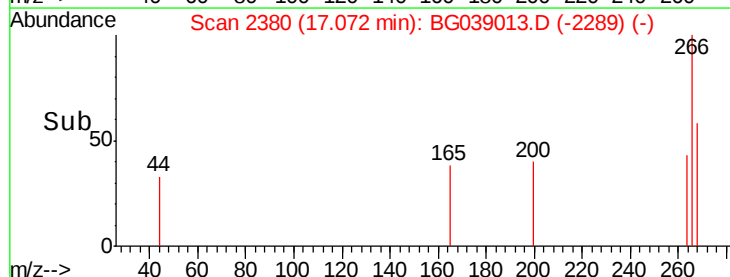
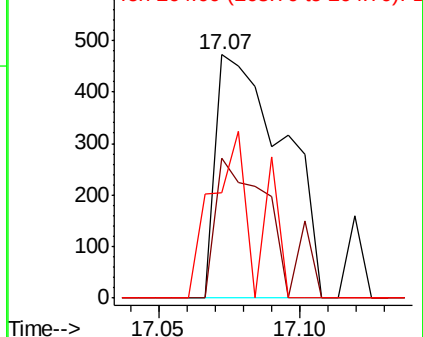
264 43.2 54.6 81.8#

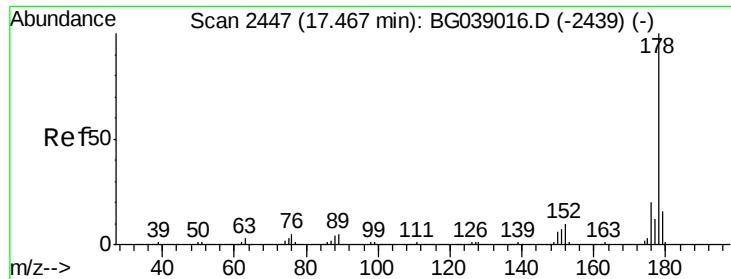


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

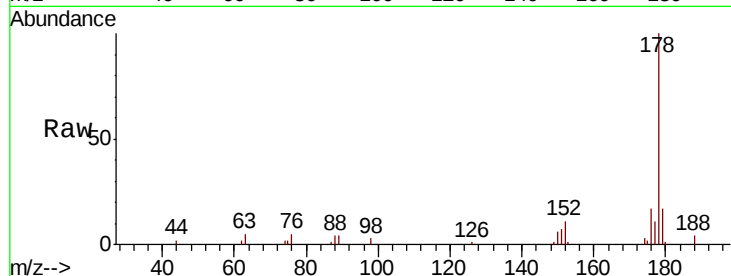




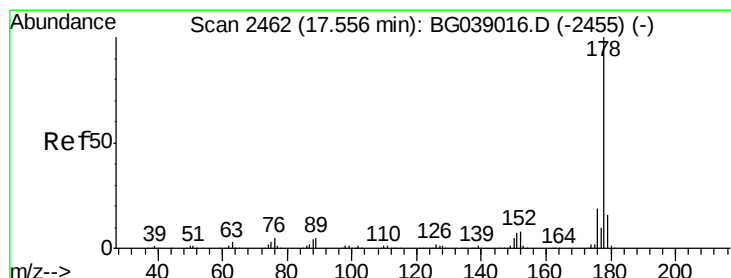
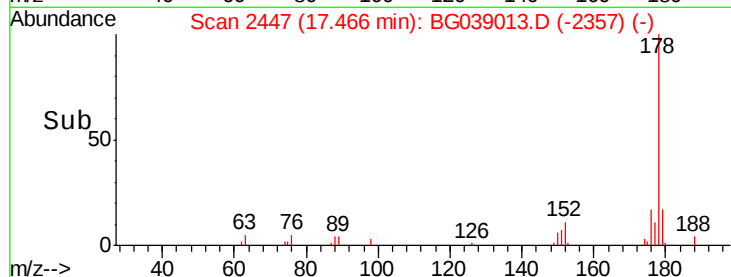
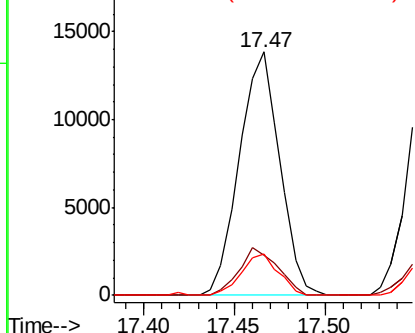
#71
Phenanthrene
Concen: 2.640 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 21364
Ion Ratio Lower Upper
178 100
176 16.6 15.7 23.5
179 17.0 12.9 19.3

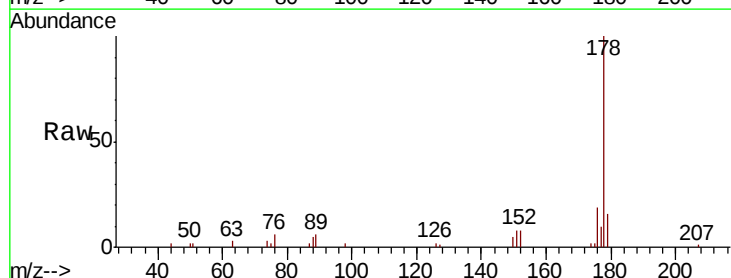


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

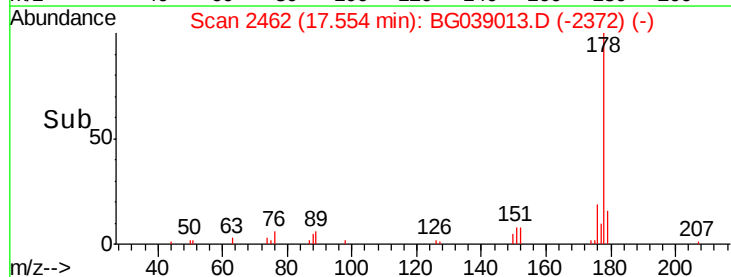
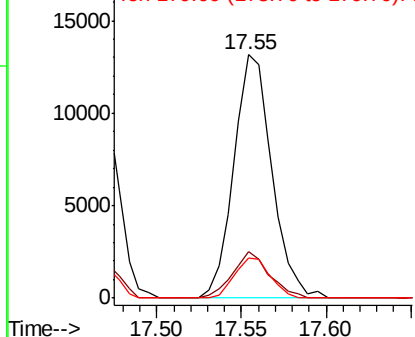


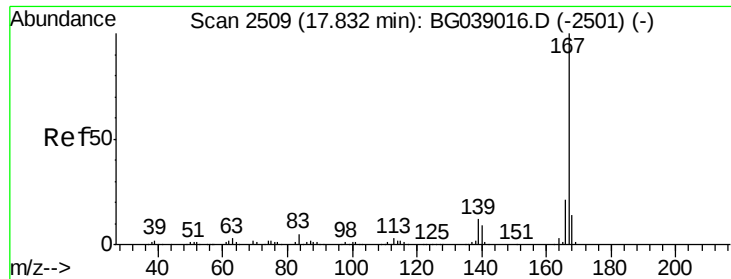
#72
Anthracene
Concen: 2.575 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Tgt Ion:178 Resp: 20576
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 16.4 13.0 19.4



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

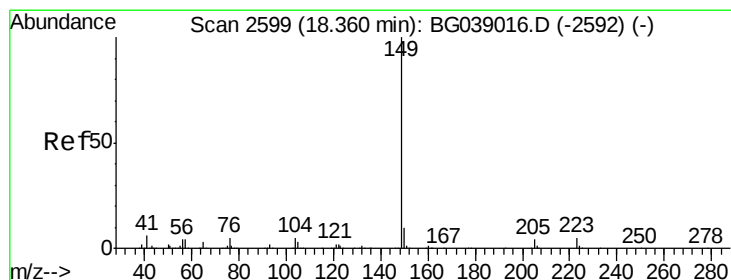
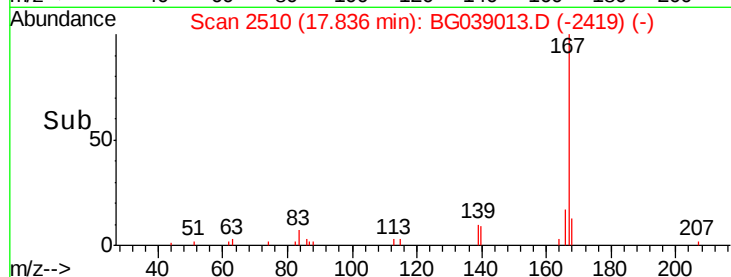
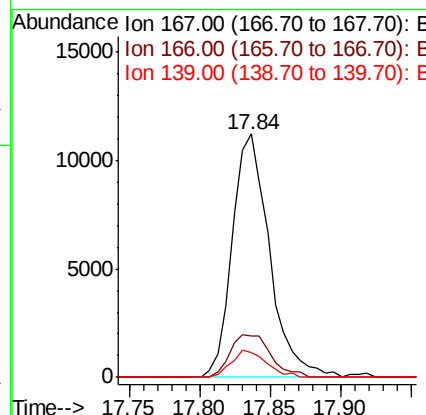
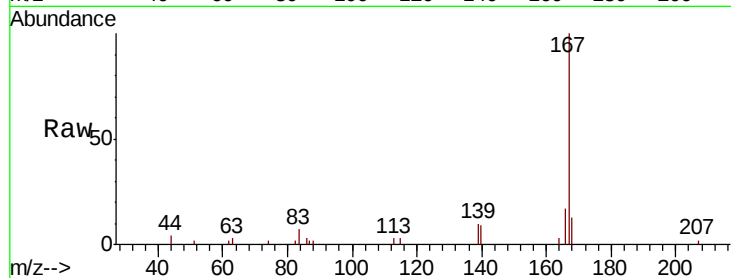




#73
 Carbazole
 Concen: 2.617 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BG039013.D
 Acq: 9 Jan 2019 9:42

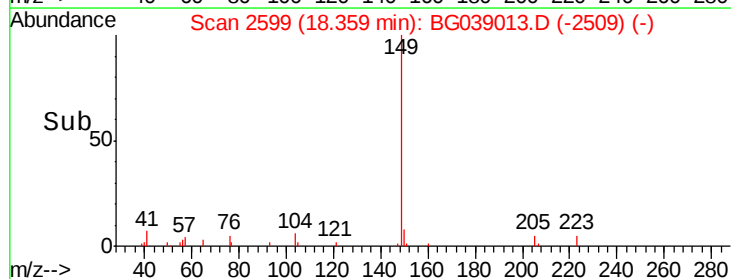
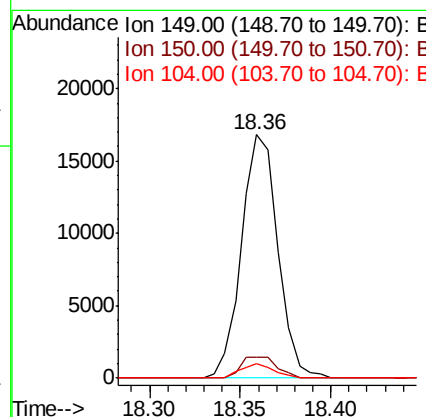
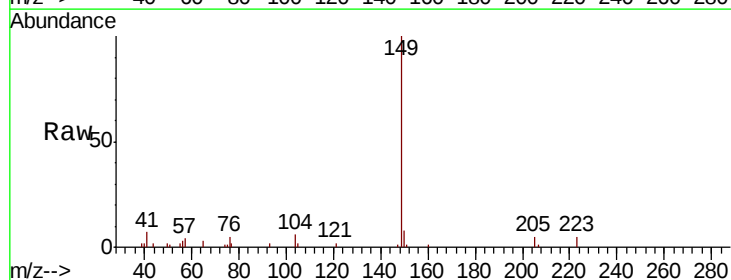
Instrument :
 BNA_G
 ClientSampleId :

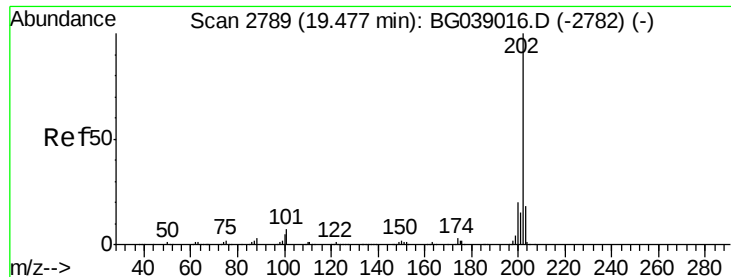
Tot Ion:167 Resp: 20676
 Ion Ratio Lower Upper
 167 100
 166 16.9 16.9 25.3
 139 10.3 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 2.584 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.00 min
 Lab File: BG039013.D
 Acq: 9 Jan 2019 9:42

Tgt Ion:149 Resp: 23423
 Ion Ratio Lower Upper
 149 100
 150 8.4 7.9 11.9
 104 6.0 4.2 6.2





#75

Fluoranthene

Concen: 2.716 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

Instrument :

BNA_G

ClientSampleId :

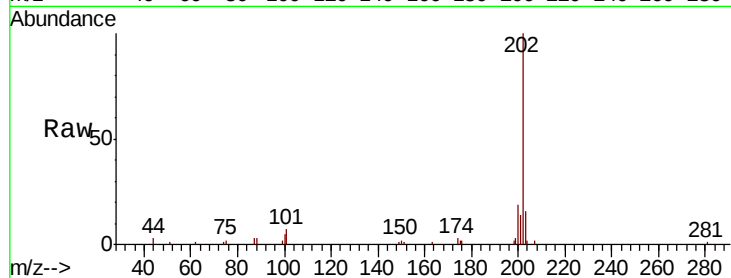
Tot Ion:202 Resp: 27200

Ion Ratio Lower Upper

202 100

101 6.9 0.0 26.9

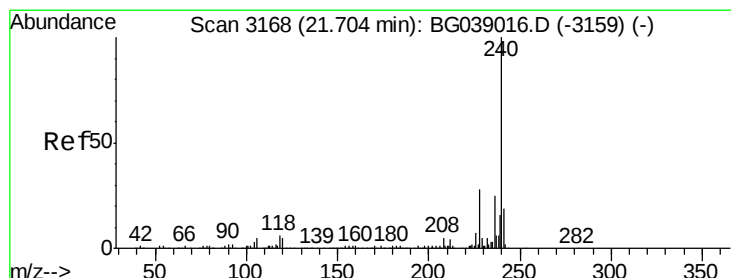
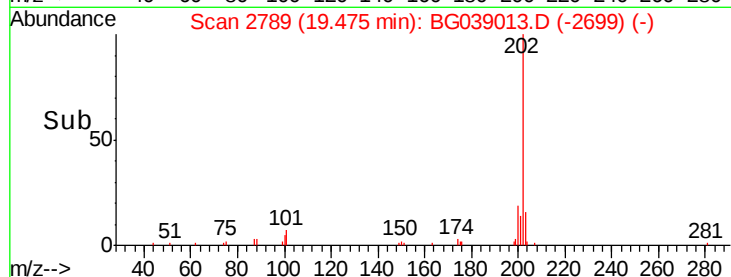
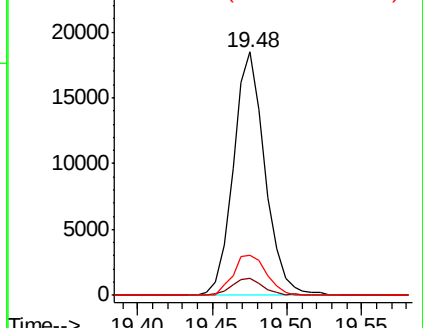
203 16.3 0.0 38.1



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: BG039013.D

Acq: 9 Jan 2019 9:42

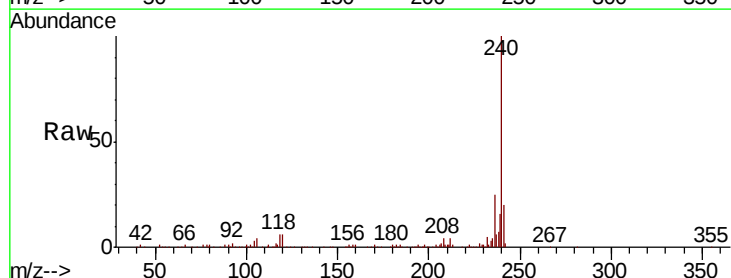
Tgt Ion:240 Resp: 185361

Ion Ratio Lower Upper

240 100

120 6.1 4.3 6.5

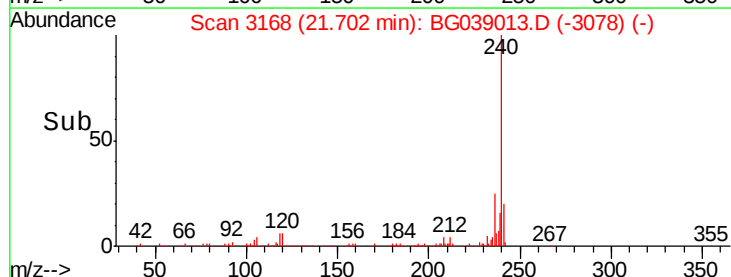
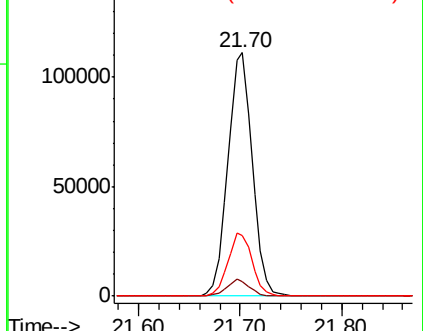
236 24.6 20.1 30.1

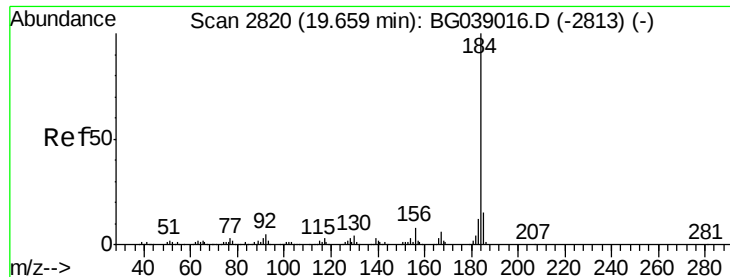


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.916 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

Instrument :

BNA_G

ClientSampleId :

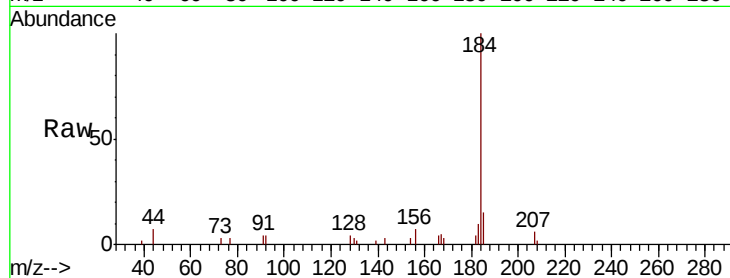
Tot Ion:184 Resp: 15986

Ion Ratio Lower Upper

184 100

185 15.3 12.1 18.1

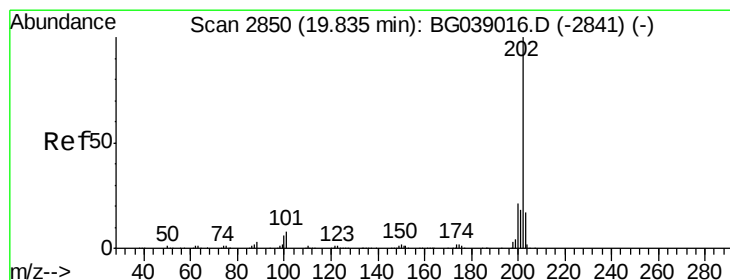
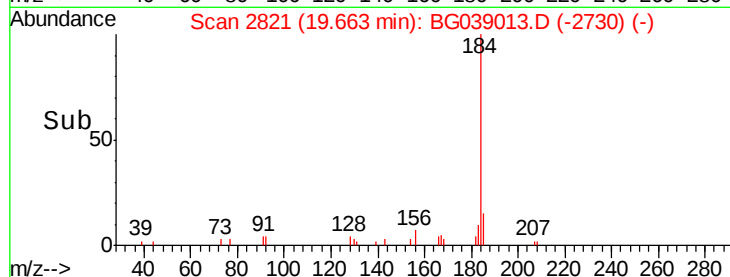
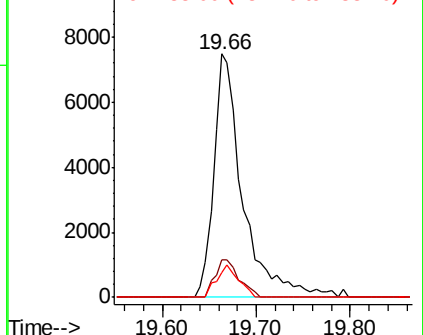
183 9.9 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 2.366 ng

RT: 19.84 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

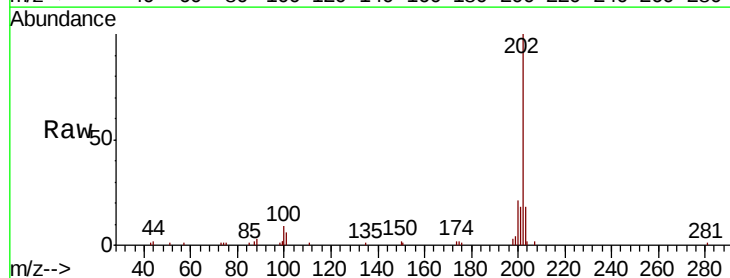
Tgt Ion:202 Resp: 28967

Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.6

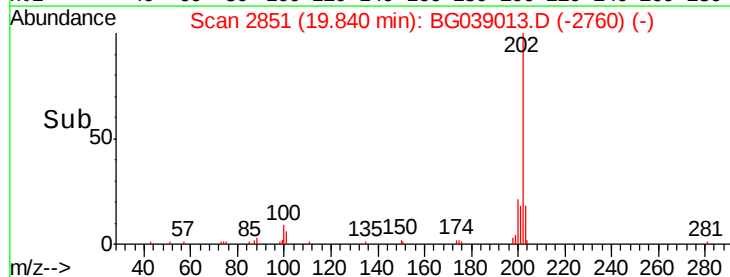
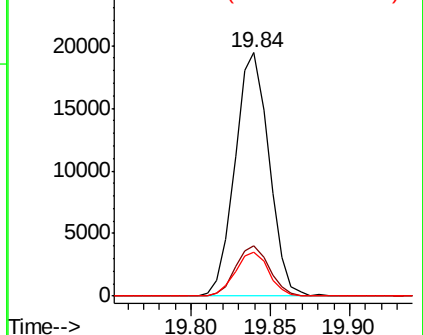
203 17.8 14.0 21.0

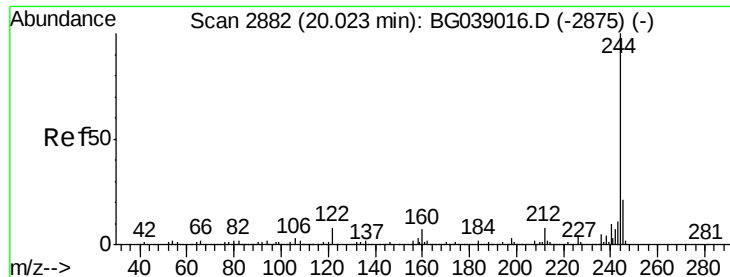


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 6.250 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

Instrument :

BNA_G

ClientSampled :

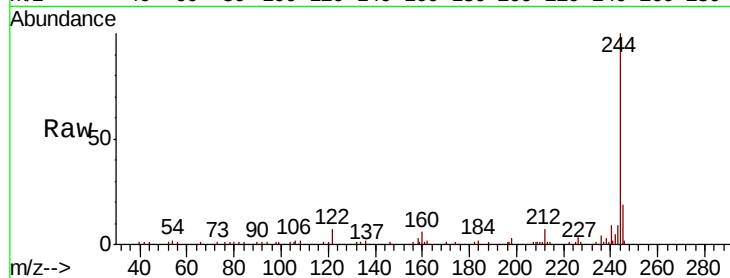
Tot Ion:244 Resp: 53231

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

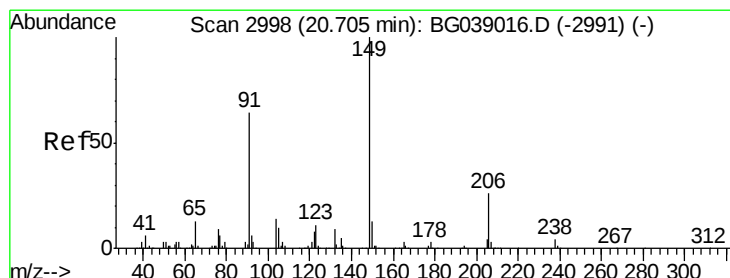
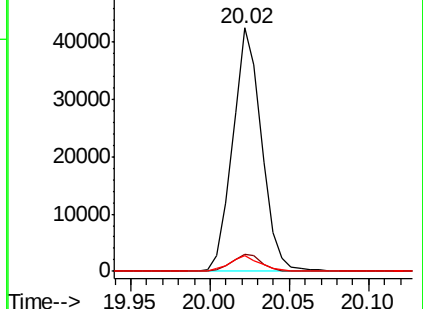
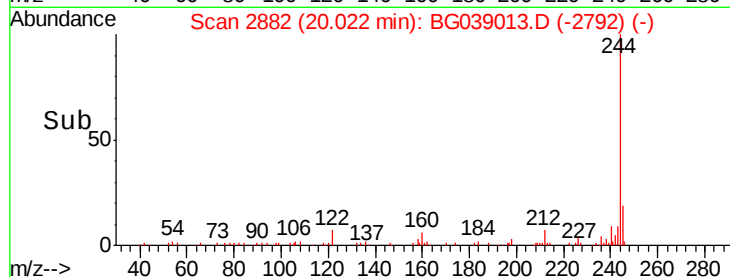
122 6.5 6.1 9.1



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: 2.284 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

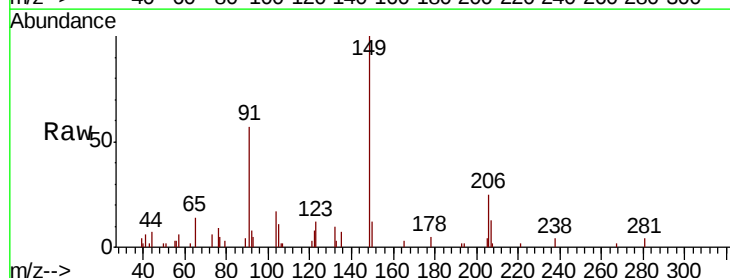
Tgt Ion:149 Resp: 10927

Ion Ratio Lower Upper

149 100

91 57.0 51.4 77.0

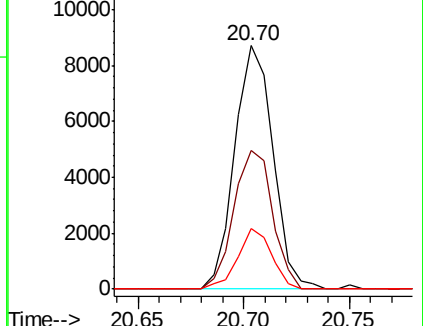
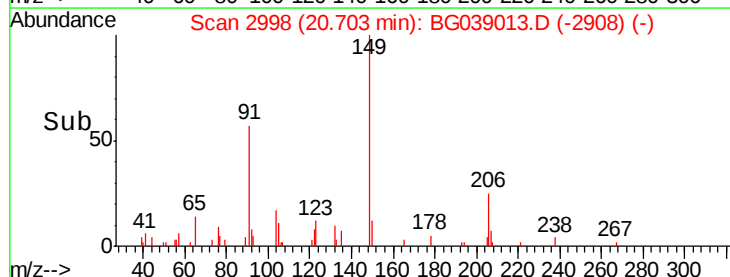
206 25.1 20.4 30.6

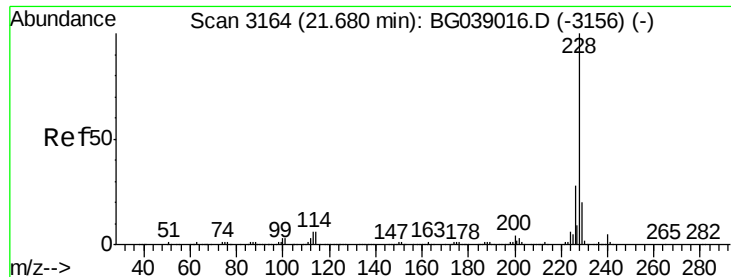


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 2.497 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

Instrument :

BNA_G

ClientSampleId :

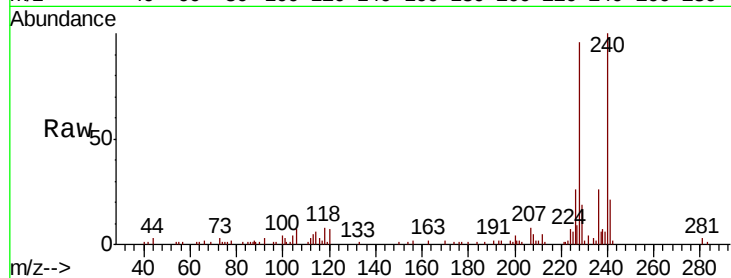
Tot Ion:228 Resp: 28203

Ion Ratio Lower Upper

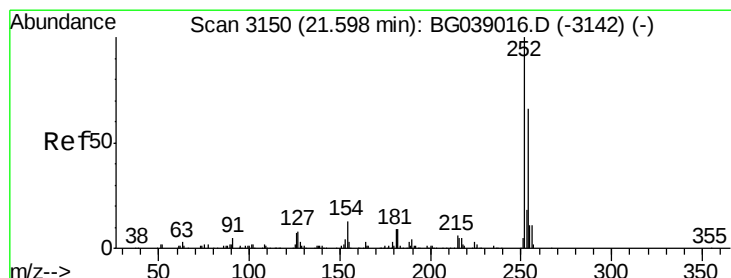
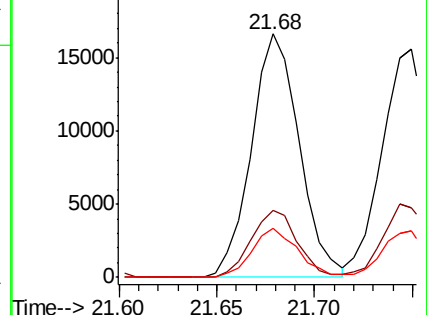
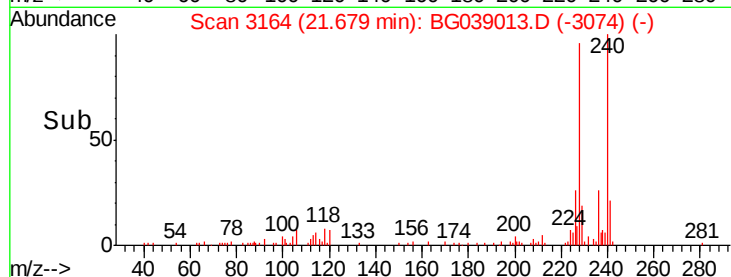
228 100

226 27.4 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: 2.473 ng

RT: 21.60 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

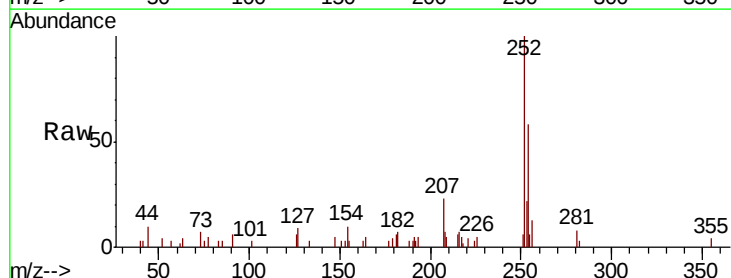
Tgt Ion:252 Resp: 11076

Ion Ratio Lower Upper

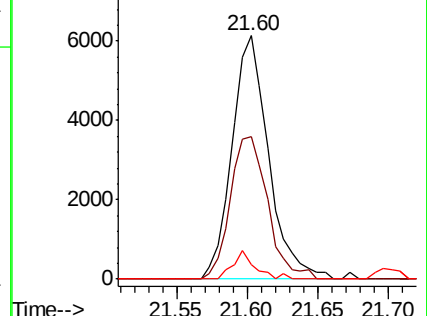
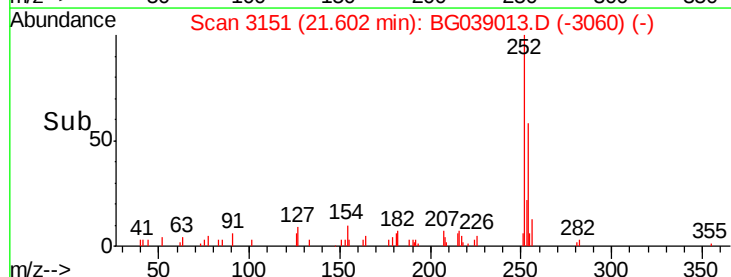
252 100

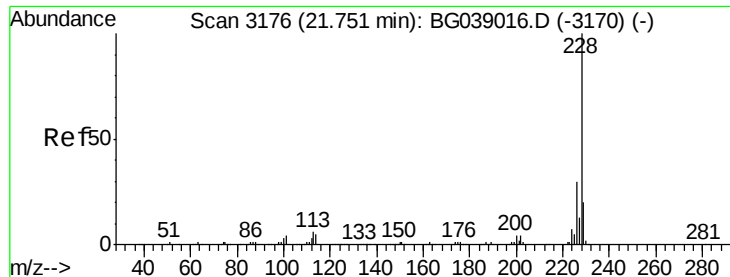
254 58.3 53.0 79.6

126 6.1 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: 2.460 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.00 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

Instrument :

BNA_G

ClientSampled :

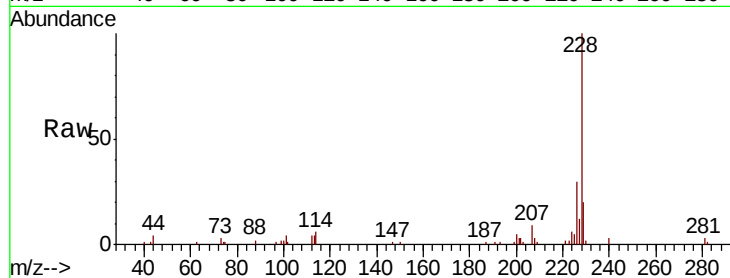
Tot Ion:228 Resp: 26768

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

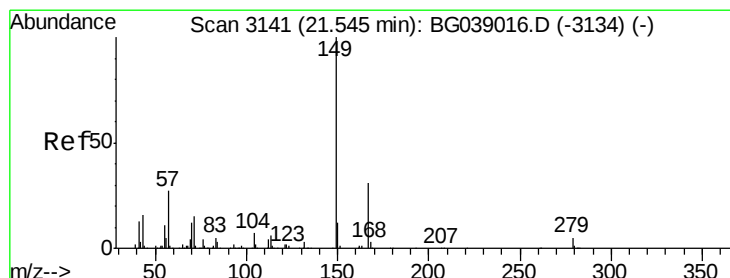
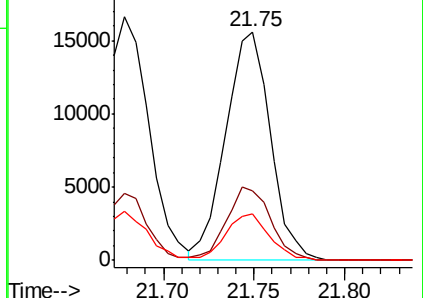
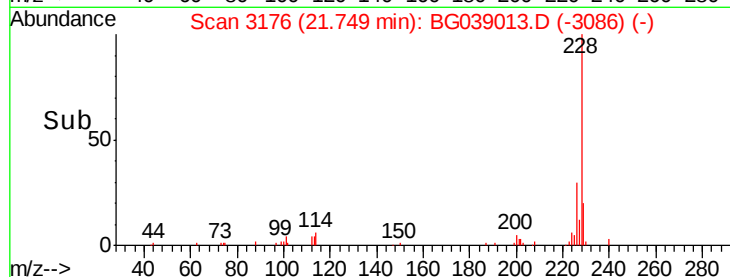
229 20.4 16.0 24.0



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: 2.179 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

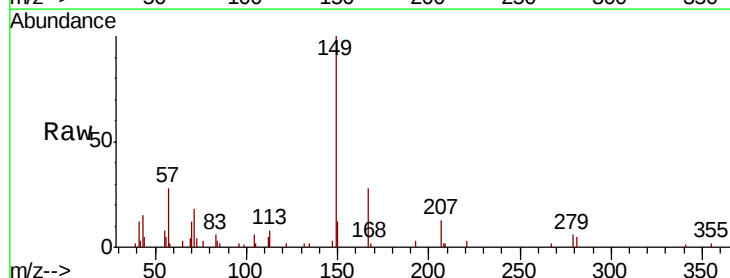
Tgt Ion:149 Resp: 14787

Ion Ratio Lower Upper

149 100

167 27.6 25.0 37.4

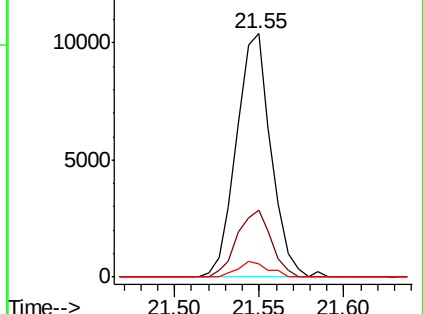
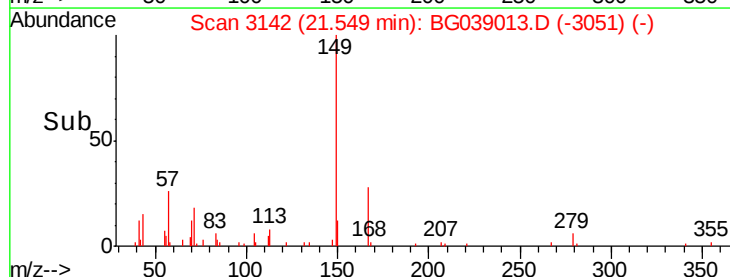
279 5.5 4.3 6.5

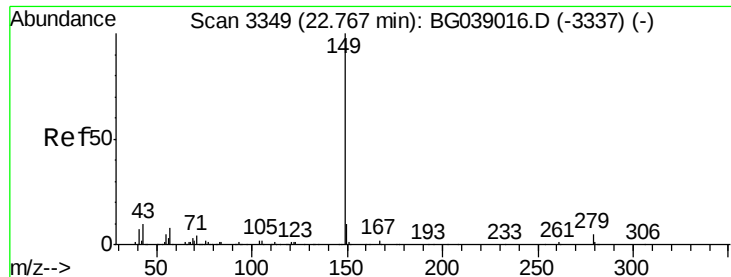


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

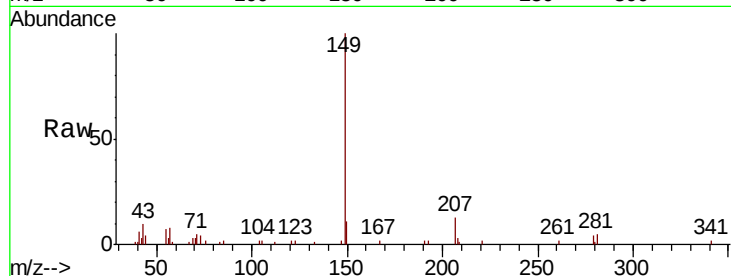




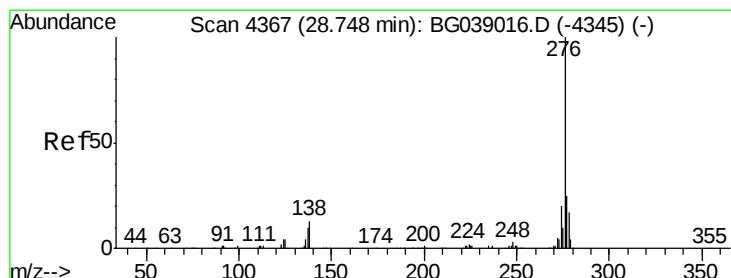
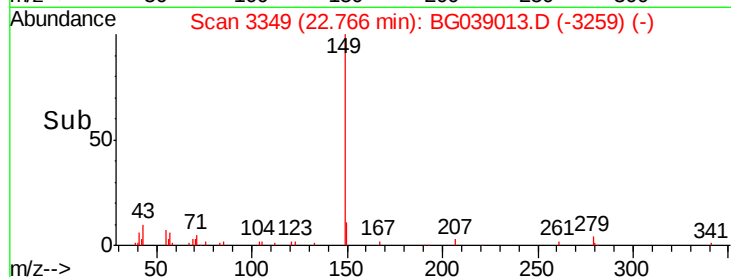
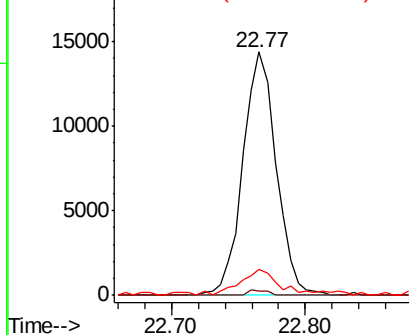
#85
Di-n-octyl phthalate
Concen: 2.185 ng
RT: 22.77 min Scan# 3349
Delta R.T. -0.00 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 24827
Ion Ratio Lower Upper
149 100
167 1.2 1.3 1.9#
43 12.4 7.5 11.3#

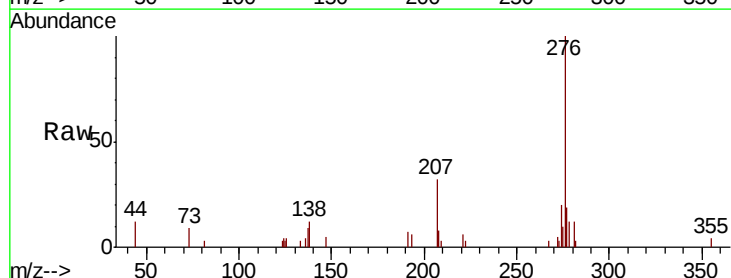


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

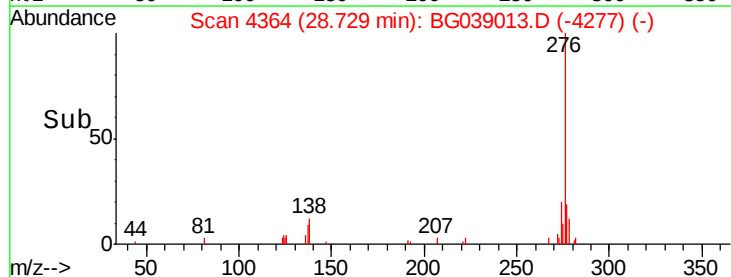
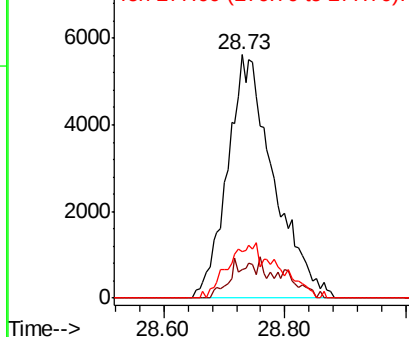


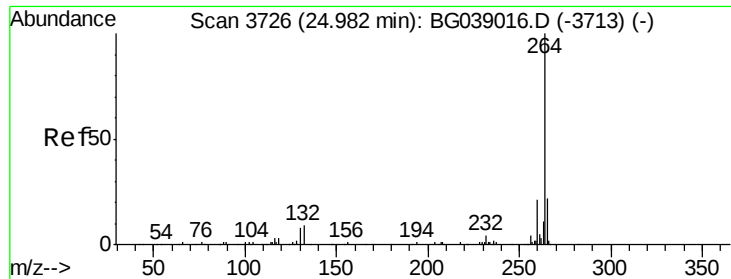
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.320 ng
RT: 28.73 min Scan# 4364
Delta R.T. -0.02 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Tgt Ion:276 Resp: 29677
Ion Ratio Lower Upper
276 100
138 4.6 8.0 12.0#
277 0.0 20.3 30.5#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

Instrument :

BNA_G

ClientSampleId :

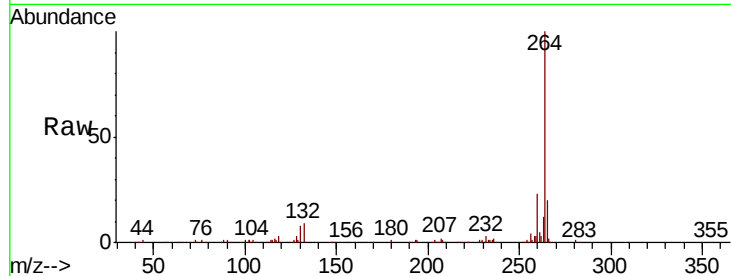
Tot Ion:264 Resp: 191699

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.0	25.6
265	20.0	17.2	25.8

264 100

260 22.8 17.0 25.6

265 20.0 17.2 25.8

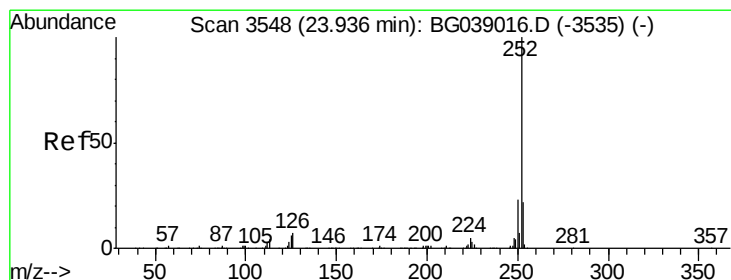
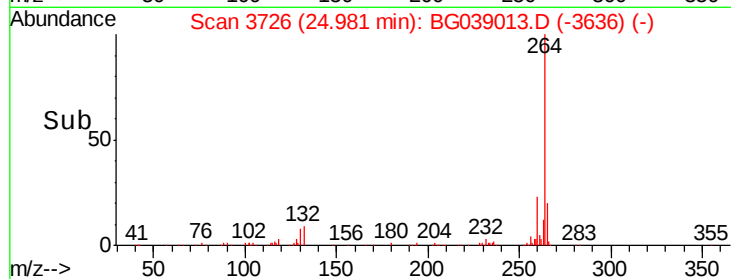
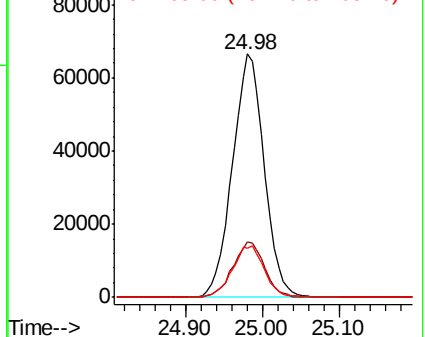


Abundance

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: 2.469 ng

RT: 23.92 min Scan# 3546

Delta R.T. -0.01 min

Lab File: BG039013.D

Acq: 9 Jan 2019 9:42

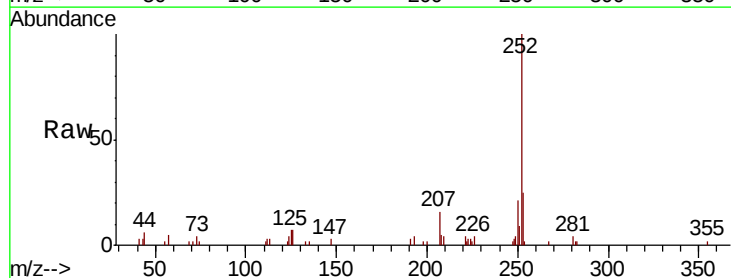
Tgt Ion:252 Resp: 25989

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.8	26.6
125	6.6	4.9	7.3

252 100

253 25.4 17.8 26.6

125 6.6 4.9 7.3

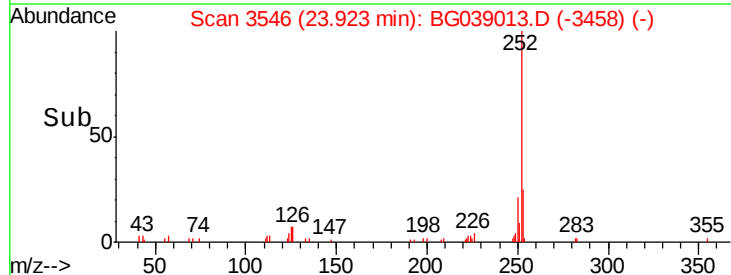
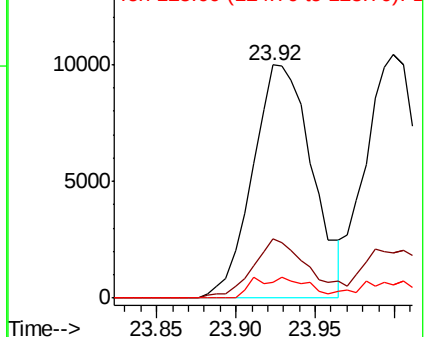


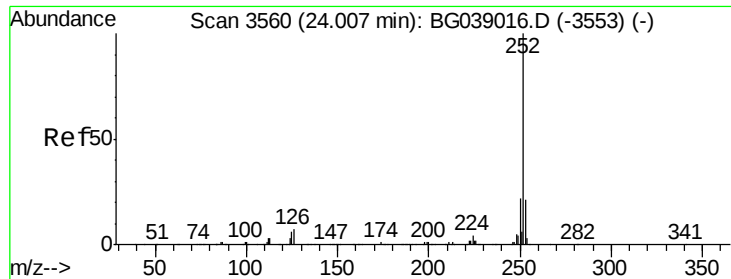
Abundance

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

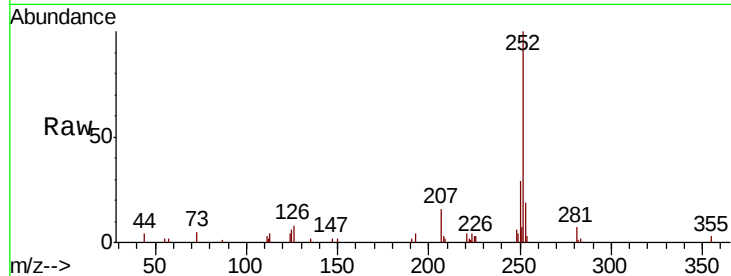




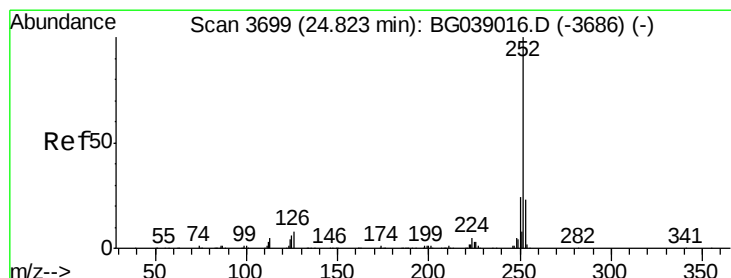
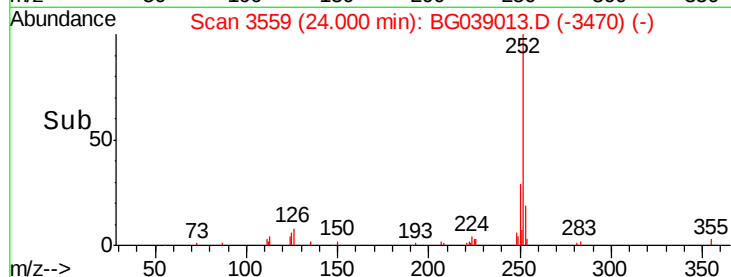
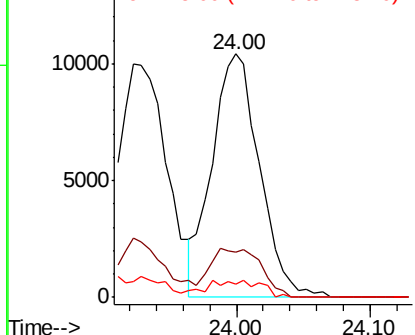
#89
Benzo(k)fluoranthene
Concen: 2.465 ng
RT: 24.00 min Scan# 3559
Delta R.T. -0.01 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 25834
Ion Ratio Lower Upper
252 100
253 18.7 17.1 25.7
125 5.6 4.6 7.0

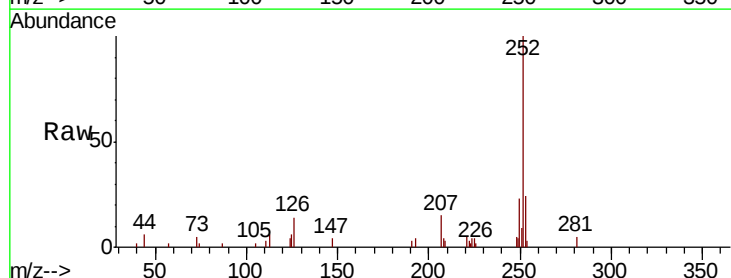


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

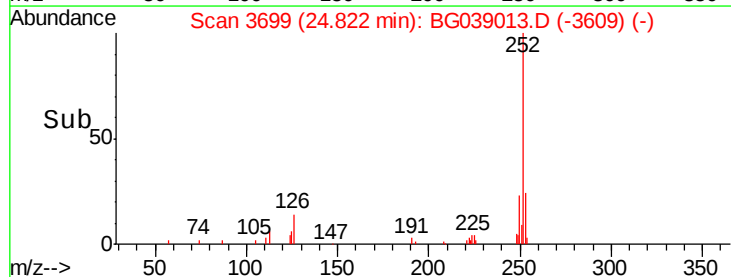
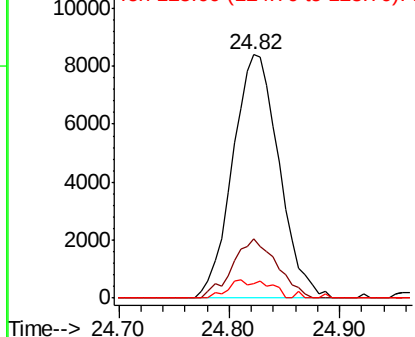


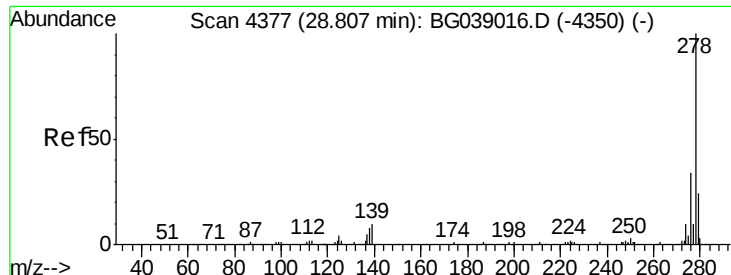
#90
Benzo(a)pyrene
Concen: 2.431 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.00 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Tgt Ion:252 Resp: 24682
Ion Ratio Lower Upper
252 100
253 24.5 18.3 27.5
125 5.9 4.9 7.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



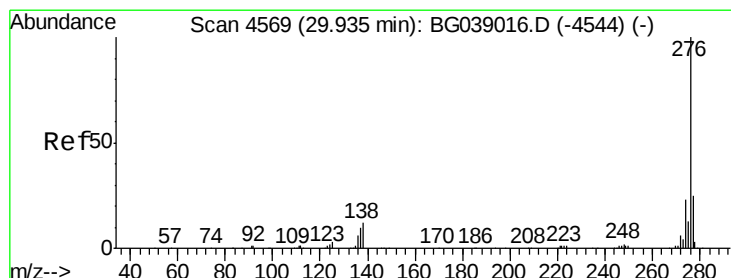
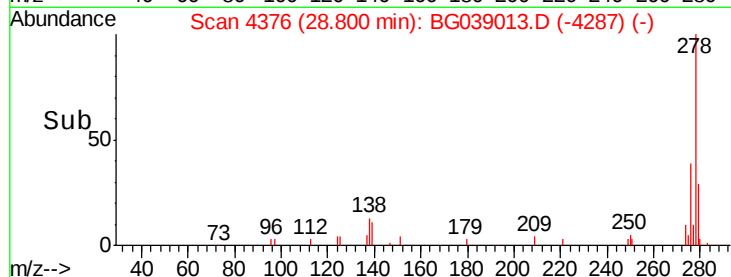
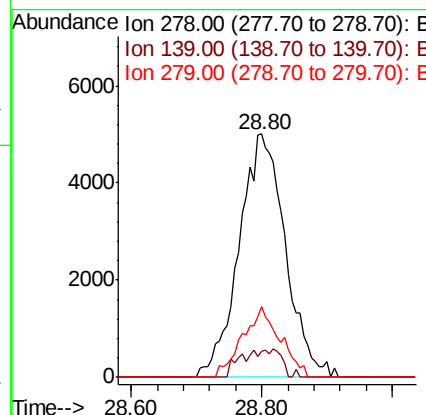
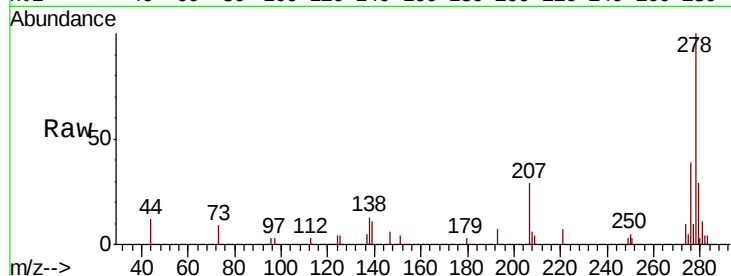


#91
Dibenzo(a,h)anthracene
Concen: 2.435 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 24614

Ion	Ratio	Lower	Upper
278	100		
139	10.5	7.9	11.9
279	29.0	19.3	28.9#



#92
Benzo(g,h,i)perylene
Concen: 2.496 ng
RT: 29.92 min Scan# 4566
Delta R.T. -0.02 min
Lab File: BG039013.D
Acq: 9 Jan 2019 9:42

Tgt Ion:276 Resp: 24867

Ion	Ratio	Lower	Upper
276	100		
277	21.8	20.3	30.5
138	10.6	9.4	14.2

