

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039014.D
 Acq On : 9 Jan 2019 10:21
 Operator : JU/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 09 12:56:16 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	19683	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	79360	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	59825	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	159782	20.00	ng	0.00
76) Chrysene-d12	21.70	240	178431	20.00	ng	0.00
87) Perylene-d12	24.98	264	189061	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	20503	18.48	ng	0.00
7) Phenol-d6	7.19	99	28693	18.83	ng	0.00
23) Nitrobenzene-d5	9.21	82	28946	18.63	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	19042	23.10	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	87194	19.99	ng	0.00
79) Terphenyl-d14	20.03	244	204401	24.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	4335	8.393	ng	92
3) Pyridine	3.87	79	10359	7.285	ng	84
4) n-Nitrosodimethylamine	3.79	42	4572	6.562	ng	# 81
6) Aniline	7.36	93	17260	8.875	ng	97
8) 2-Chlorophenol	7.59	128	12276	9.559	ng	99
9) Benzaldehyde	7.17	77	9448	9.560	ng	93
10) Phenol	7.21	94	14590	9.014	ng	93
11) bis(2-Chloroethyl)ether	7.45	93	11467	8.899	ng	96
12) 1,3-Dichlorobenzene	7.92	146	14695	9.678	ng	94
13) 1,4-Dichlorobenzene	8.06	146	14805	9.520	ng	93
14) 1,2-Dichlorobenzene	8.38	146	14137	9.643	ng	99
15) Benzyl Alcohol	8.28	79	10962	9.219	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	22251	7.538	ng	97
17) 2-Methylphenol	8.48	107	9835	9.070	ng	94
18) Hexachloroethane	9.11	117	5220	9.186	ng	84
19) n-Nitroso-di-n-propylamine	8.83	70	9479	8.859	ng	89
20) 3+4-Methylphenols	8.80	107	14633	9.771	ng	93
22) Acetophenone	8.86	105	21108	10.649	ng	# 95
24) Nitrobenzene	9.25	77	14739	9.379	ng	# 93
25) Isophorone	9.76	82	24862	8.908	ng	# 98
26) 2-Nitrophenol	9.97	139	7954	9.889	ng	92
27) 2,4-Dimethylphenol	10.01	122	11250	9.760	ng	98
28) bis(2-Chloroethoxy)methane	10.24	93	15273	9.697	ng	# 97
29) 2,4-Dichlorophenol	10.50	162	13475	10.508	ng	94
30) 1,2,4-Trichlorobenzene	10.70	180	16622	10.731	ng	95
31) Naphthalene	10.90	128	39865	10.195	ng	98
32) Benzoic acid	10.16	122	1758	2.872	ng	99
33) 4-Chloroaniline	11.02	127	17607	10.372	ng	95
34) Hexachlorobutadiene	11.16	225	11359	10.837	ng	98
35) Caprolactam	11.78	113	5697	10.735	ng	89
36) 4-Chloro-3-methylphenol	12.13	107	14642	10.005	ng	91
37) 2-Methylnaphthalene	12.50	142	30308	10.865	ng	99
38) 1-Methylnaphthalene	12.72	142	29368	10.849	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	21763	9.732	ng	99

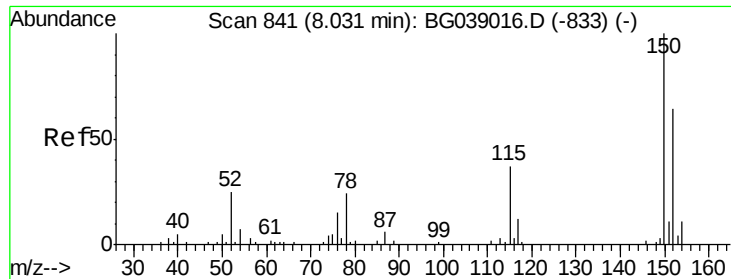
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039014.D
 Acq On : 9 Jan 2019 10:21
 Operator : JU/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 09 12:56:16 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)
41) Hexachlorocyclopentadiene	12.83	237	7750	6.308	nq	99
43) 2,4,6-Trichlorophenol	13.11	196	12931	9.404	nq	96
44) 2,4,5-Trichlorophenol	13.19	196	14074	9.668	nq	# 97
46) 1,1'-Biphenyl	13.50	154	48277	9.626	nq	97
47) 2-Chloronaphthalene	13.55	162	38574	9.957	nq	96
48) 2-Nitroaniline	13.77	65	10490	8.501	nq	94
49) Acenaphthylene	14.40	152	56596	9.772	nq	98
50) Dimethylphthalate	14.12	163	51959	10.635	nq	99
51) 2,6-Dinitrotoluene	14.26	165	11514	10.400	nq	# 87
52) Acenaphthene	14.74	154	34167	9.866	nq	94
53) 3-Nitroaniline	14.59	138	11532	10.218	nq	96
54) 2,4-Dinitrophenol	14.80	184	3389	5.862	nq	93
55) Dibenzofuran	15.07	168	61546	10.368	nq	98
56) 4-Nitrophenol	14.91	139	7116	8.311	nq	82
57) 2,4-Dinitrotoluene	15.04	165	16348	10.484	nq	99
58) Fluorene	15.72	166	47038	10.695	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	13636	10.411	nq	# 94
60) Diethylphthalate	15.47	149	54040	10.076	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	29631	10.798	nq	99
62) 4-Nitroaniline	15.75	138	12092	10.407	nq	92
63) Azobenzene	16.00	77	42576	9.503	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	10402	9.126	nq	96
66) n-Nitrosodiphenylamine	15.93	169	46992	10.009	nq	99
67) 4-Bromophenyl-phenylether	16.60	248	20129	10.315	nq	94
68) Hexachlorobenzene	16.72	284	22148	10.949	nq	93
69) Atrazine	16.87	200	20795	11.936	nq	99
70) Pentachlorophenol	17.07	266	7822	6.537	nq	# 85
71) Phenanthrene	17.46	178	84412	10.188	nq	97
72) Anthracene	17.55	178	84839	10.372	nq	99
73) Carbazole	17.83	167	84377	10.430	nq	99
74) Di-n-butylphthalate	18.36	149	95661	10.306	nq	98
75) Fluoranthene	19.47	202	109383	10.670	nq	98
77) Benzidine	19.66	184	57704	10.935	nq	98
78) Pyrene	19.84	202	115117	9.766	nq	97
80) Butylbenzylphthalate	20.70	149	43071	9.352	nq	98
81) Benzo(a)anthracene	21.68	228	108960	10.021	nq	97
82) 3,3'-Dichlorobenzidine	21.60	252	44788	10.386	nq	96
83) Chrysene	21.75	228	103459	9.879	nq	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	57510	8.805	nq	98
85) Di-n-octyl phthalate	22.76	149	97945	8.954	nq	100
86) Indeno(1,2,3-cd)pyrene	28.73	276	118806	9.649	nq	98
88) Benzo(b)fluoranthene	23.93	252	101953	9.822	nq	98
89) Benzo(k)fluoranthene	24.00	252	104443	10.104	nq	99
90) Benzo(a)pyrene	24.82	252	99543	9.940	nq	# 95
91) Dibenzo(a,h)anthracene	28.79	278	99789	10.008	nq	100
92) Benzo(g,h,i)perylene	29.93	276	96107	9.781	nq	# 98

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

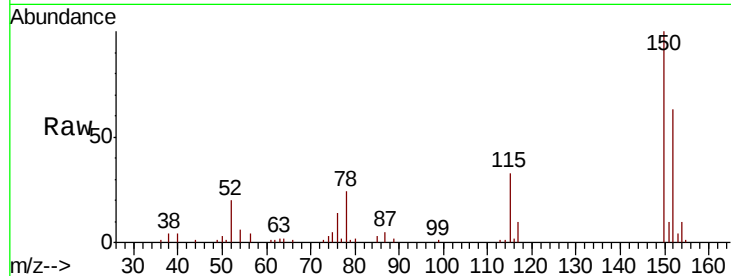


#1

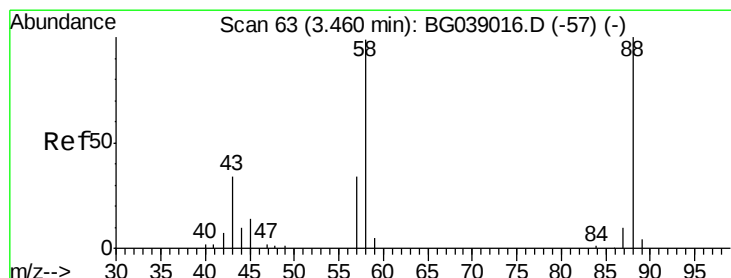
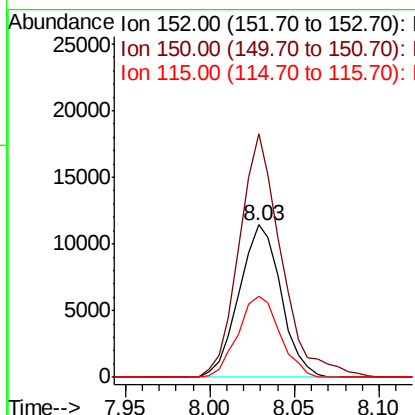
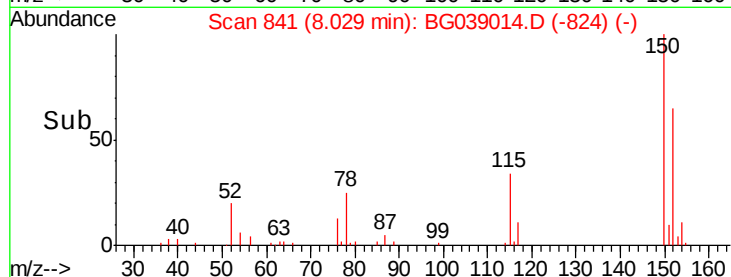
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039014.D
Acq: 9 Jan 2019 10:21

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 19683
Ion Ratio Lower Upper
152 100
150 159.9 124.7 187.1
115 53.3 46.5 69.7



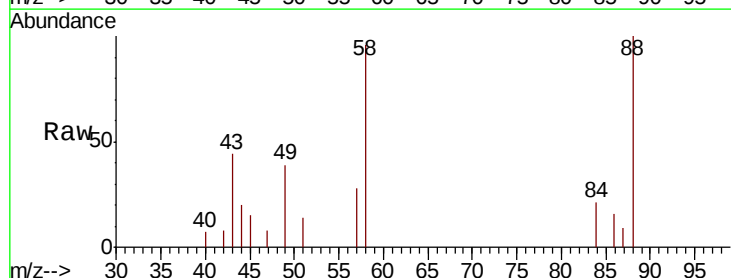
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



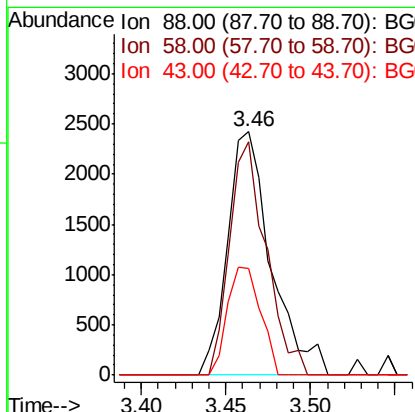
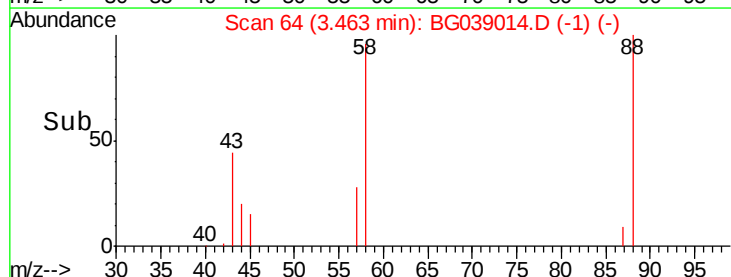
#2

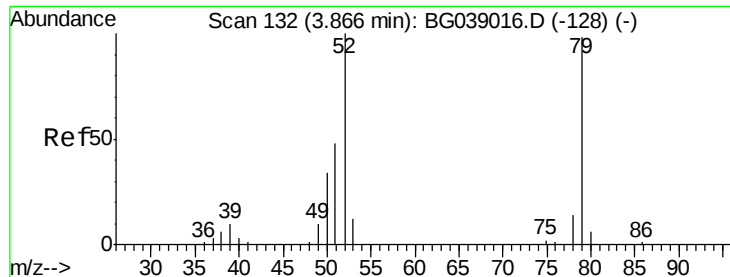
1,4-Dioxane
Concen: 8.393 ng
RT: 3.46 min Scan# 64
Delta R.T. 0.00 min
Lab File: BG039014.D
Acq: 9 Jan 2019 10:21

Tgt Ion: 88 Resp: 4335
Ion Ratio Lower Upper
88 100
58 80.6 72.4 108.6
43 34.0 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: 7.285 ng

RT: 3.87 min Scan# 134

Delta R.T. 0.01 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

Instrument :

BNA_G

ClientSampleId :

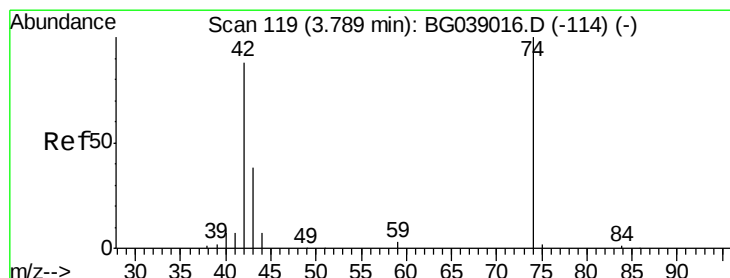
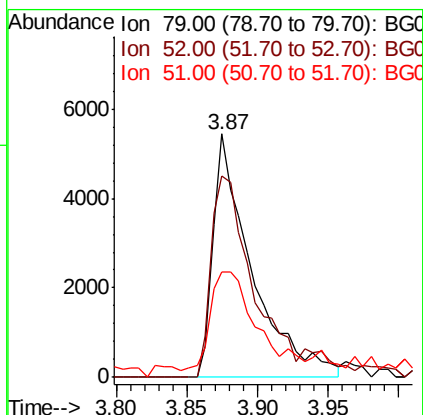
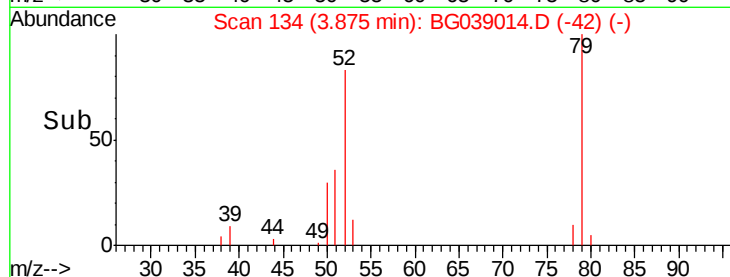
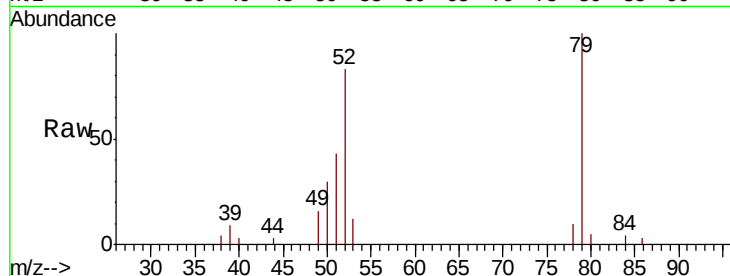
Tot Ion: 79 Resp: 10359

Ion Ratio Lower Upper

79 100

52 82.8 81.5 122.3

51 43.1 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 6.562 ng

RT: 3.79 min Scan# 120

Delta R.T. 0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

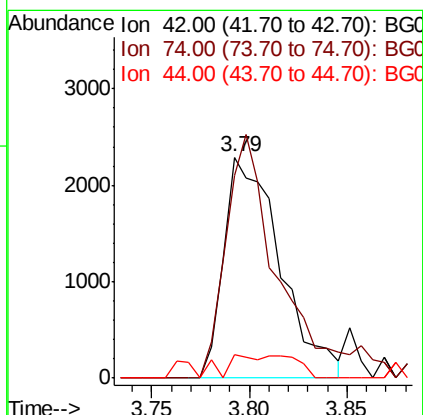
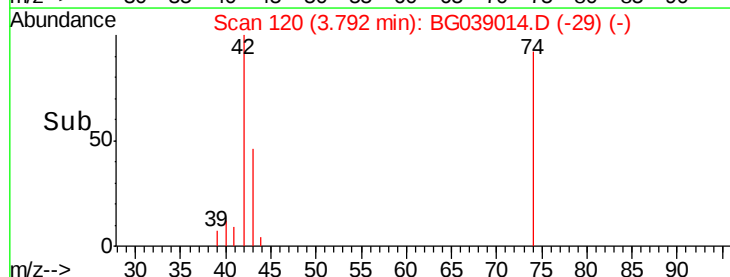
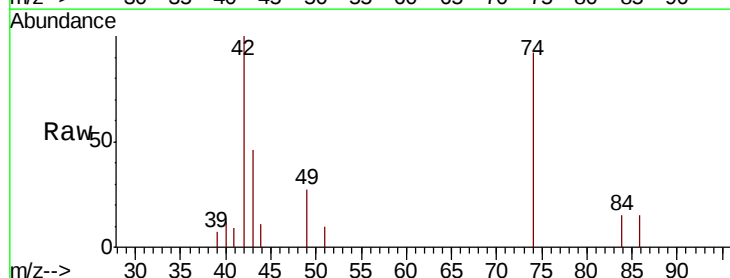
Tgt Ion: 42 Resp: 4572

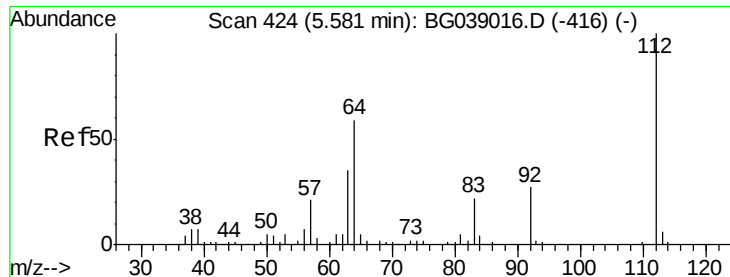
Ion Ratio Lower Upper

42 100

74 91.5 90.7 136.1

44 10.6 6.5 9.7#





#5

2-Fluorophenol

Concen: 18.475 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

Instrument :

BNA_G

ClientSampleId :

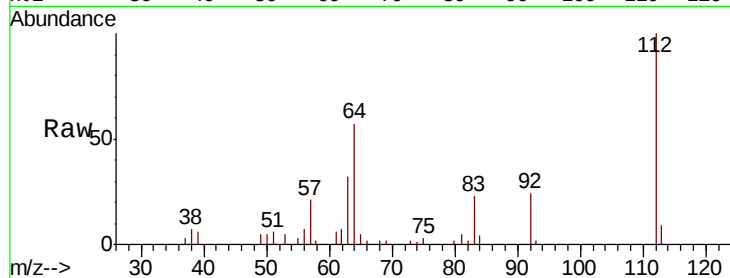
Tot Ion:112 Resp: 20503

Ion Ratio Lower Upper

112 100

64 57.4 47.0 70.6

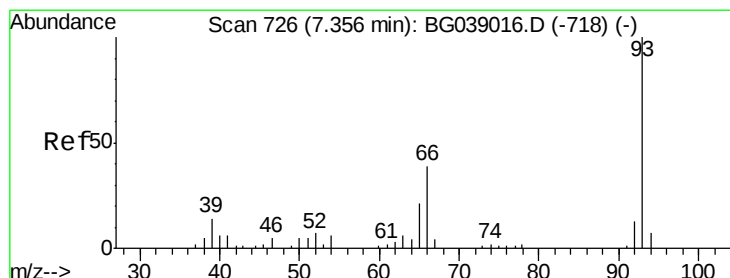
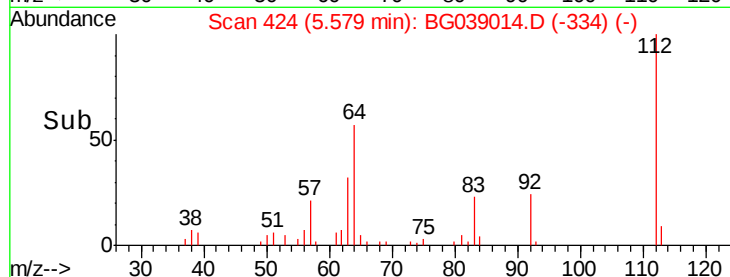
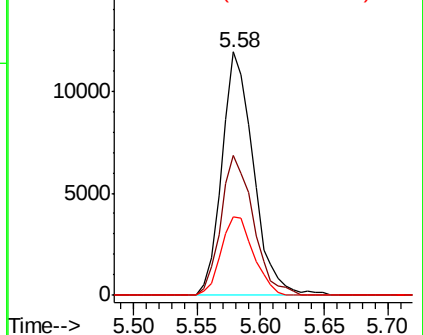
63 32.1 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 8.875 ng

RT: 7.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

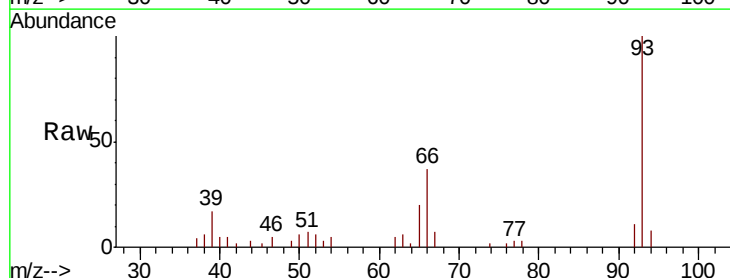
Tgt Ion: 93 Resp: 17260

Ion Ratio Lower Upper

93 100

66 36.8 30.9 46.3

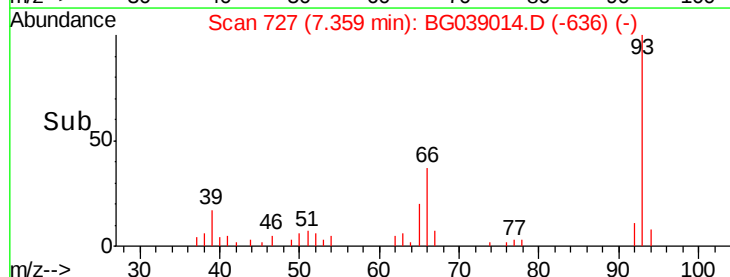
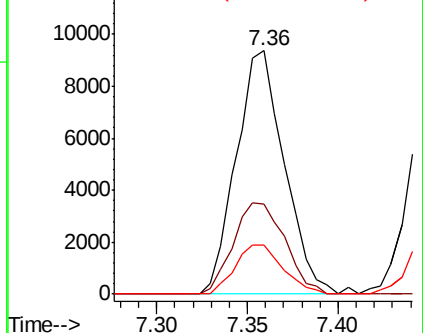
65 20.1 17.0 25.4

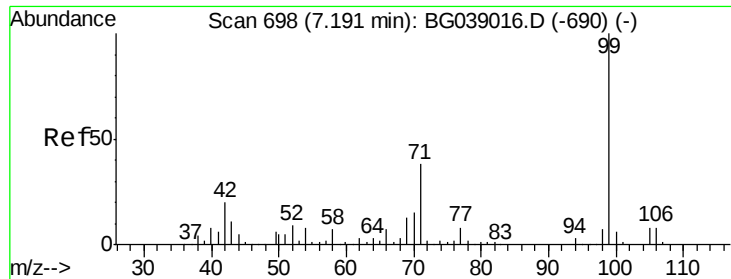


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 18.834 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

Instrument :

BNA_G

ClientSampleId :

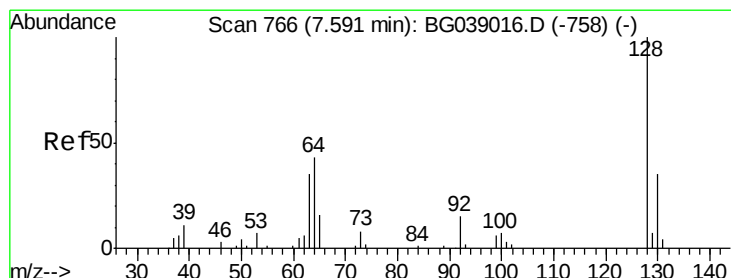
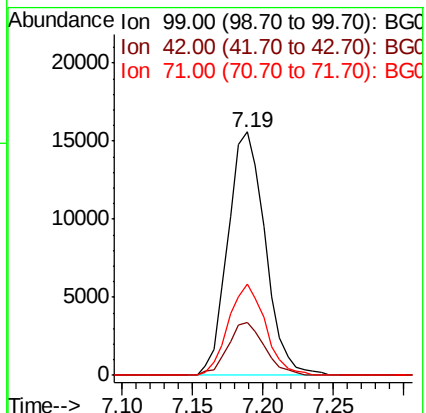
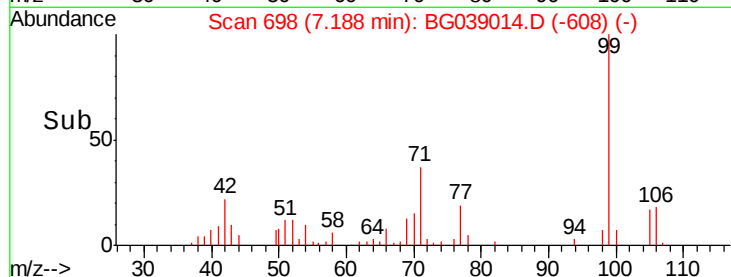
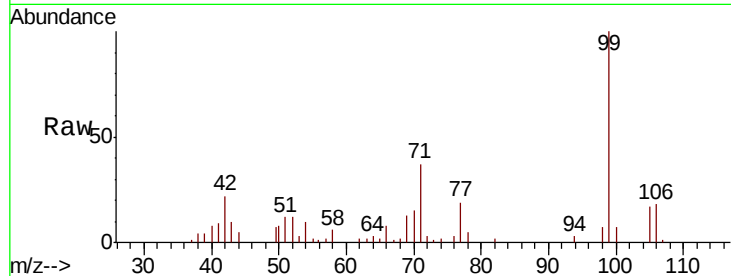
Tot Ion: 99 Resp: 28693

Ion Ratio Lower Upper

99 100

42 21.9 15.8 23.6

71 37.5 30.2 45.4



#8

2-Chlorophenol

Concen: 9.559 ng

RT: 7.59 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

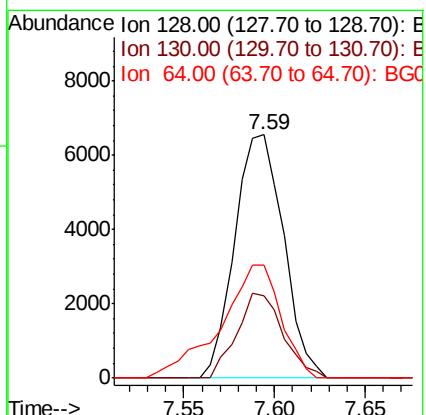
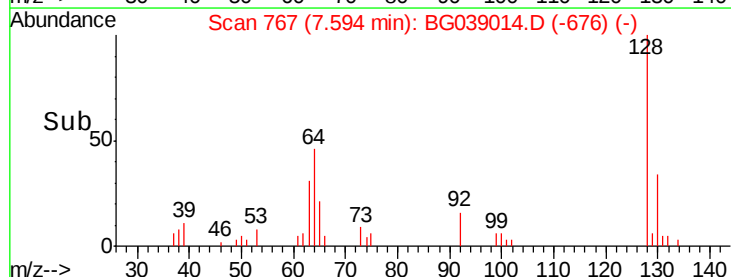
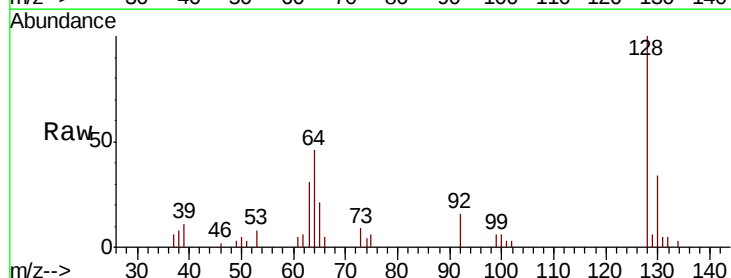
Tgt Ion: 128 Resp: 12276

Ion Ratio Lower Upper

128 100

130 33.8 14.5 54.5

64 46.2 27.3 67.3





#9

Benzaldehyde

Concen: 9.560 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

Instrument :

BNA_G

ClientSampled :

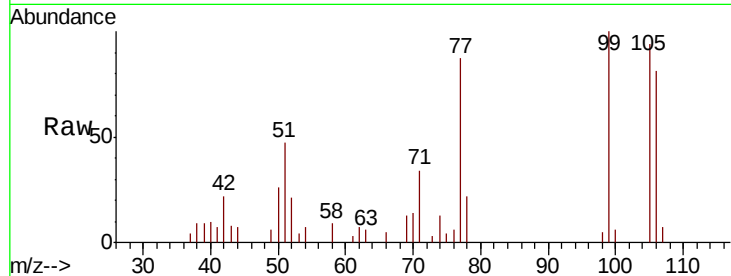
Tot Ion: 77 Resp: 9448

Ion Ratio Lower Upper

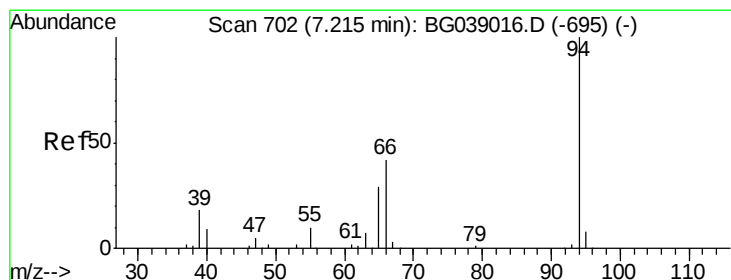
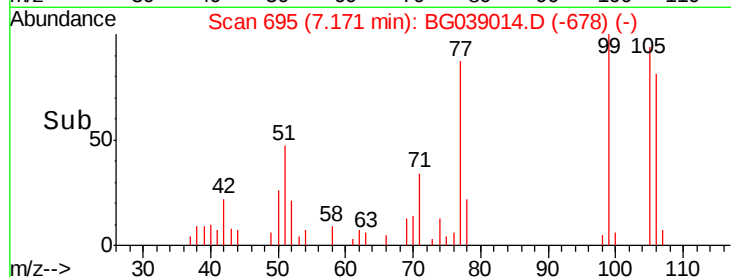
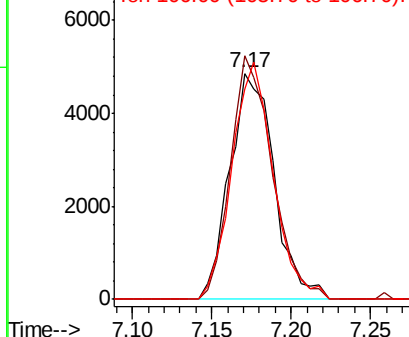
77 100

105 107.8 82.4 122.4

106 93.2 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: 9.014 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

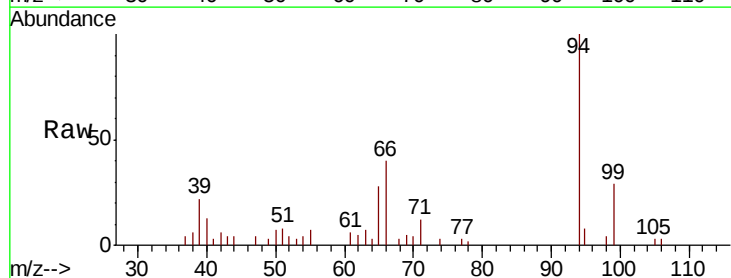
Tgt Ion: 94 Resp: 14590

Ion Ratio Lower Upper

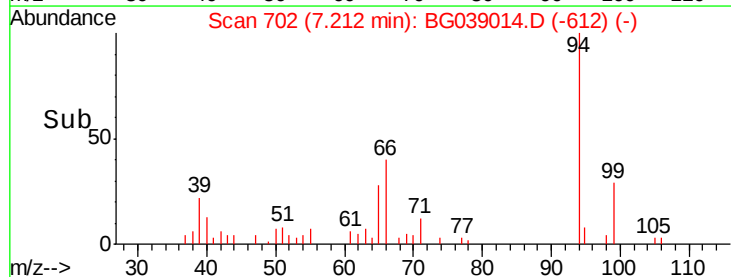
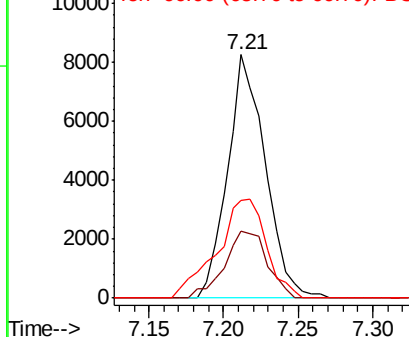
94 100

65 27.7 10.3 50.3

66 40.0 25.1 65.1



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



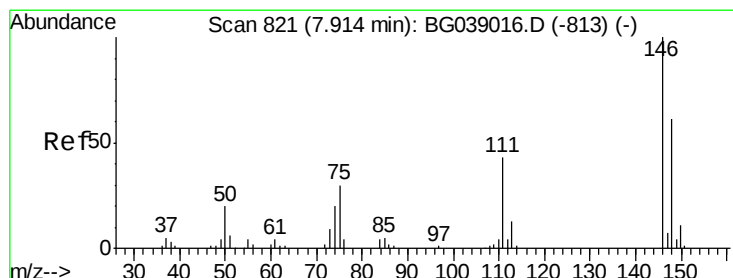
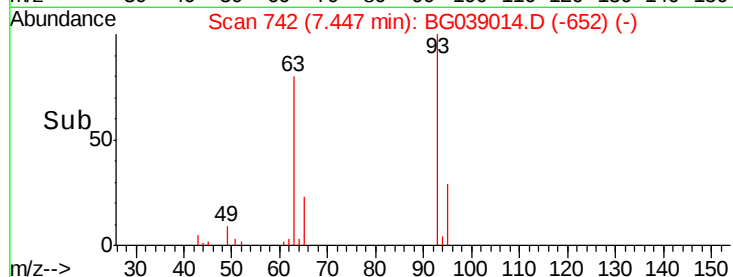
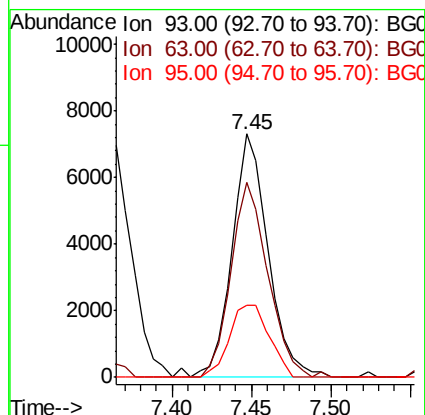
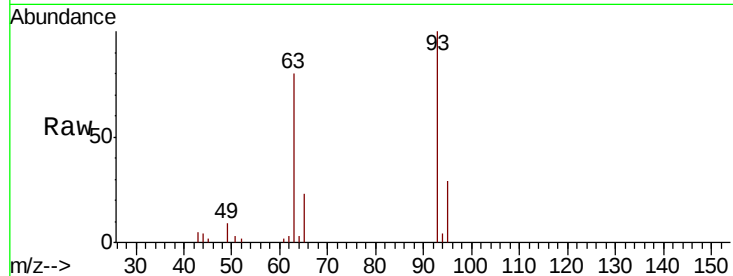


#11
 bis(2-Chloroethyl)ether
 Concen: 8.899 ng
 RT: 7.45 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BG039014.D
 Acq: 9 Jan 2019 10:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 93 Resp: 11467

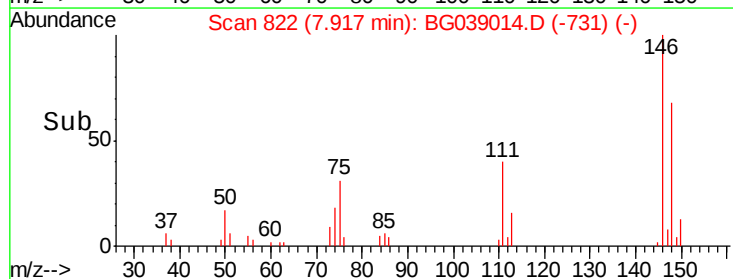
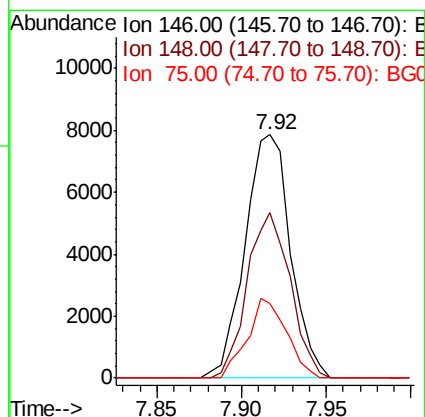
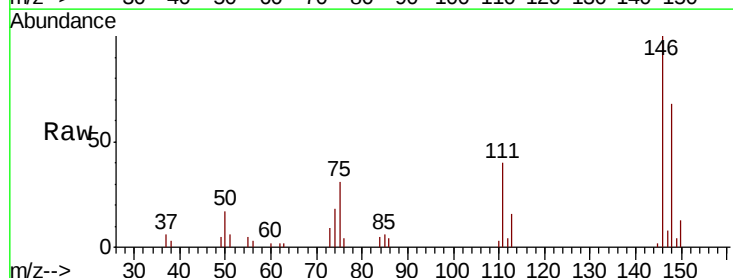
Ion	Ratio	Lower	Upper
93	100		
63	79.9	63.2	103.2
95	29.4	11.2	51.2

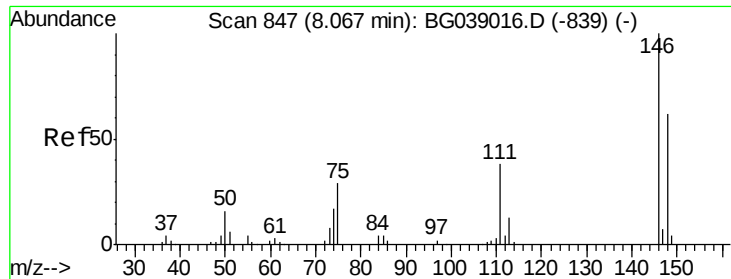


#12
 1,3-Dichlorobenzene
 Concen: 9.678 ng
 RT: 7.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BG039014.D
 Acq: 9 Jan 2019 10:21

Tgt Ion: 146 Resp: 14695

Ion	Ratio	Lower	Upper
146	100		
148	67.8	49.1	73.7
75	30.6	23.9	35.9

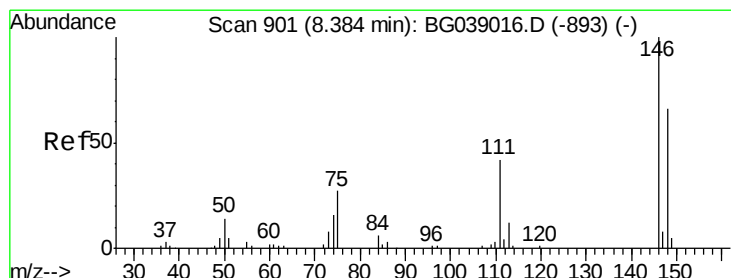
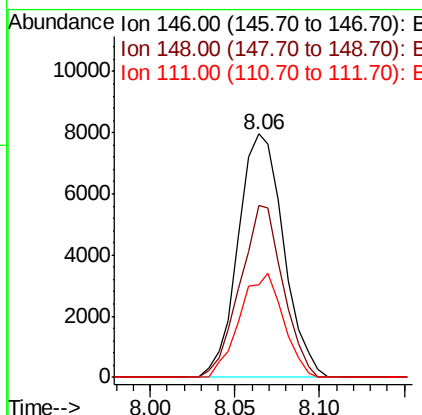
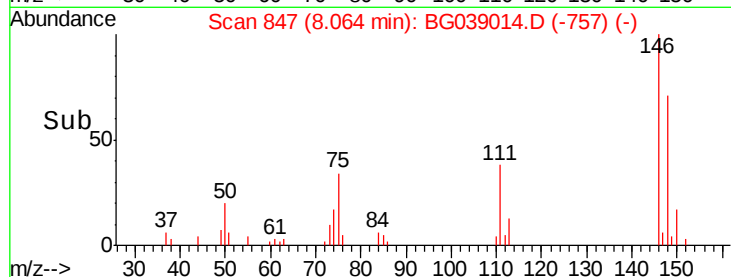
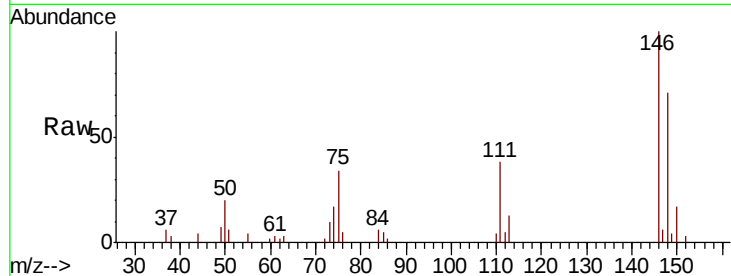




#13
 1,4-Dichlorobenzene
 Concen: 9.520 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG039014.D
 Acq: 9 Jan 2019 10:21

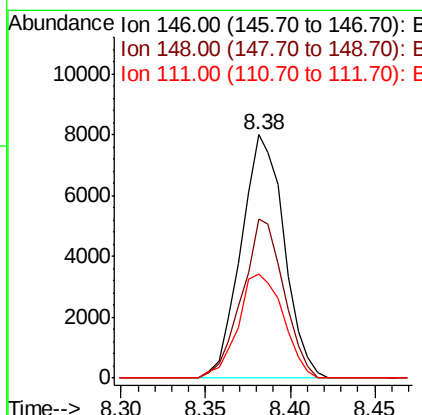
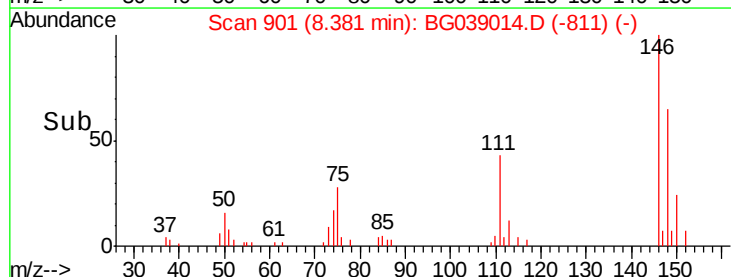
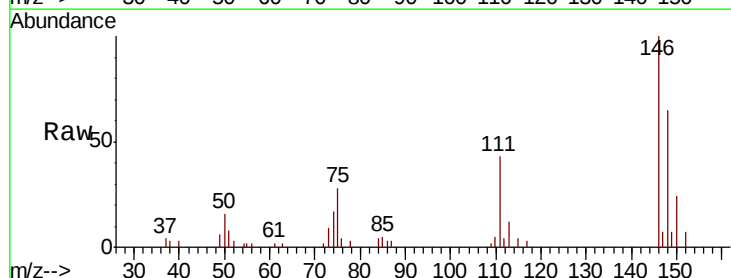
Instrument :
 BNA_G
 ClientSampleId :

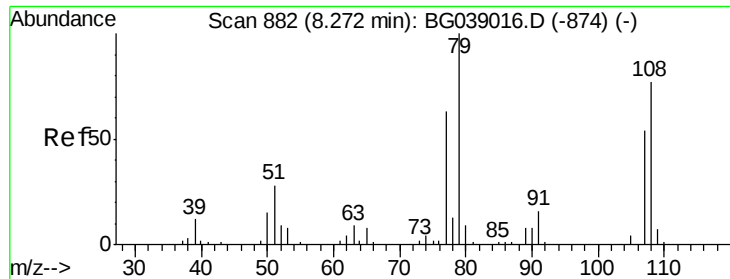
Tot Ion:146 Resp: 14805
 Ion Ratio Lower Upper
 146 100
 148 70.8 49.8 74.6
 111 38.0 30.6 45.8



#14
 1,2-Dichlorobenzene
 Concen: 9.643 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG039014.D
 Acq: 9 Jan 2019 10:21

Tgt Ion:146 Resp: 14137
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.6 79.0
 111 42.8 34.6 51.8





#15

Benzyl Alcohol

Concen: 9.219 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

Instrument :

BNA_G

ClientSampleId :

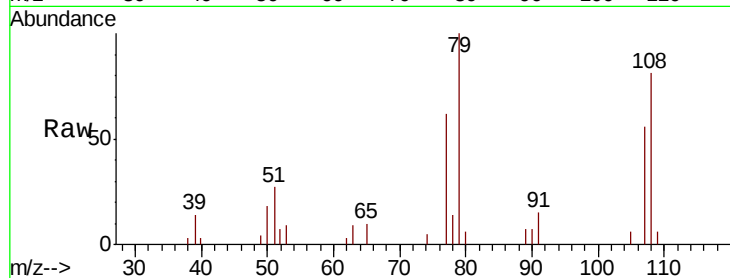
Tot Ion: 79 Resp: 10962

Ion Ratio Lower Upper

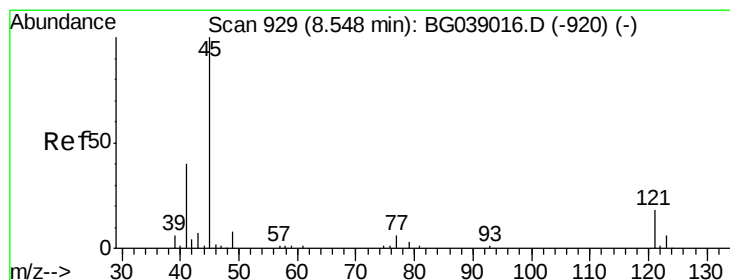
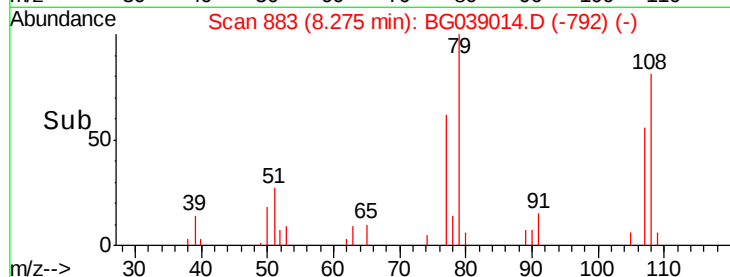
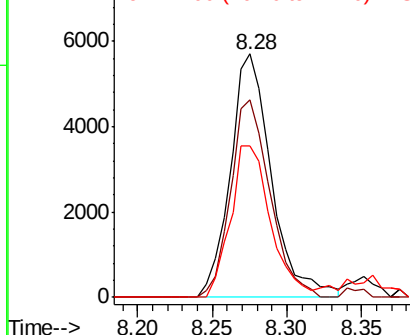
79 100

108 81.0 62.0 93.0

77 62.4 50.1 75.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.538 ng

RT: 8.55 min Scan# 930

Delta R.T. 0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

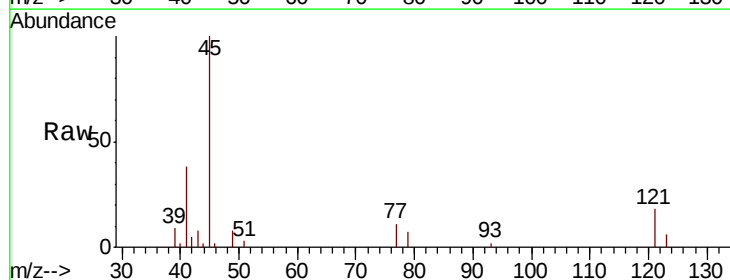
Tgt Ion: 45 Resp: 22251

Ion Ratio Lower Upper

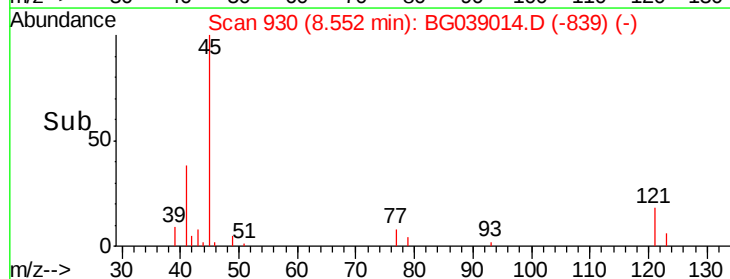
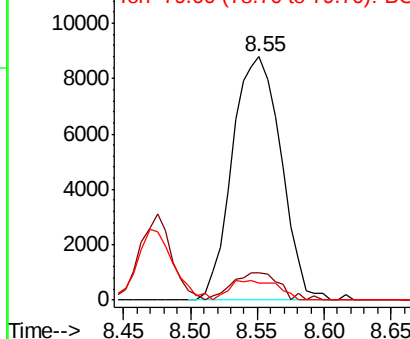
45 100

77 11.1 0.0 30.7

79 6.9 0.0 28.5



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

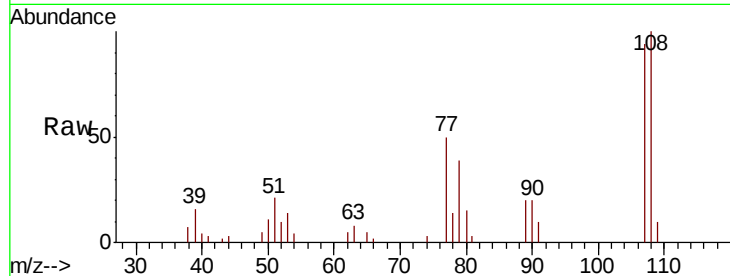




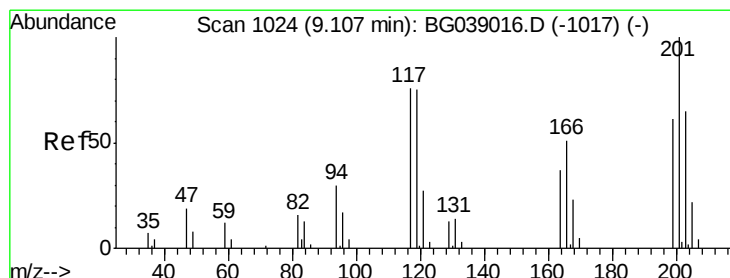
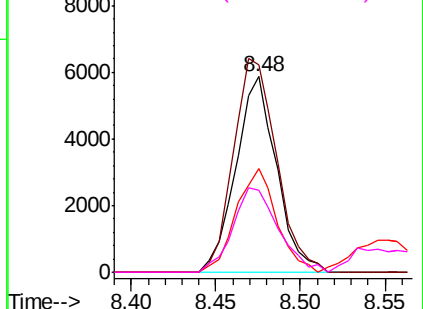
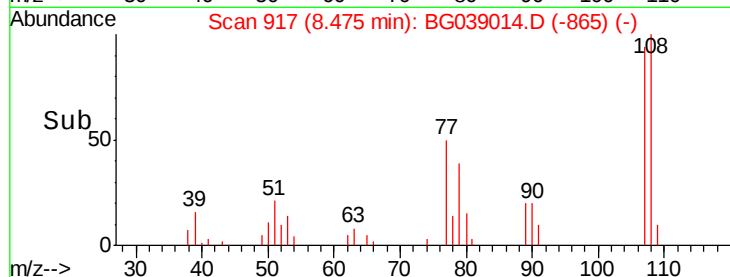
#17
2-Methylphenol
Concen: 9.070 ng
RT: 8.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BG039014.D
Acq: 9 Jan 2019 10:21

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 9835
Ion Ratio Lower Upper
107 100
108 105.9 90.3 135.5
77 52.7 38.3 57.5
79 41.8 35.8 53.6

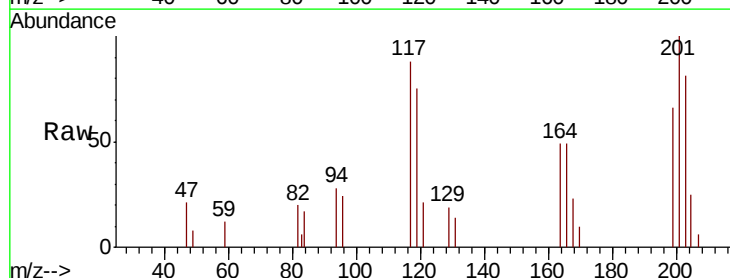


Abundance Ion 107.00 (106.70 to 107.70): E
10000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

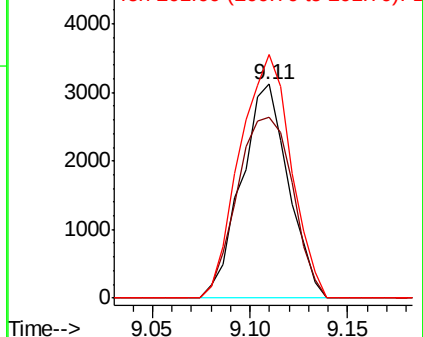
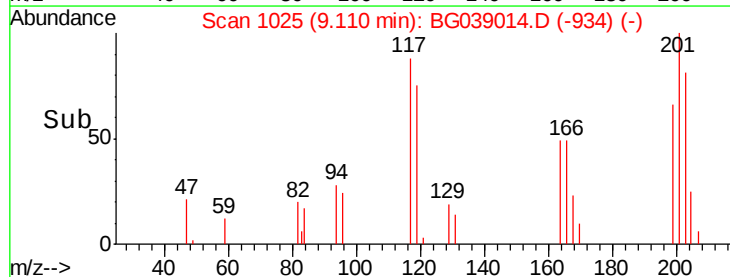


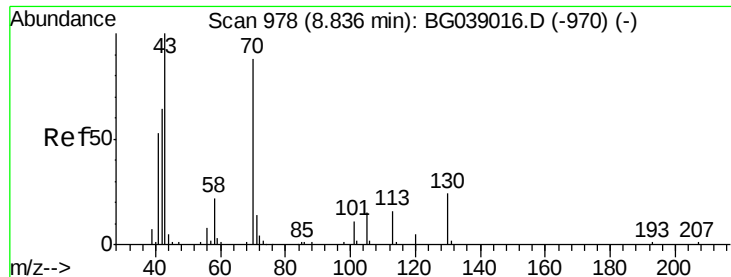
#18
Hexachloroethane
Concen: 9.186 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BG039014.D
Acq: 9 Jan 2019 10:21

Tgt Ion:117 Resp: 5220
Ion Ratio Lower Upper
117 100
119 84.9 78.7 118.1
201 113.9 108.1 162.1



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

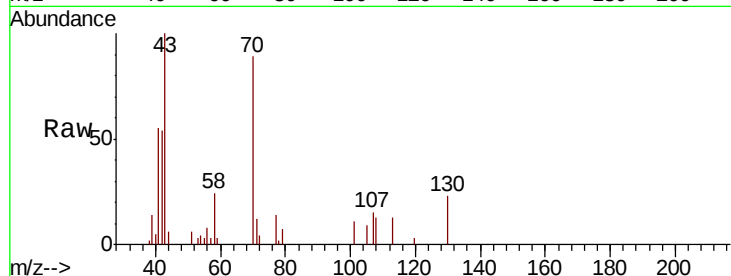




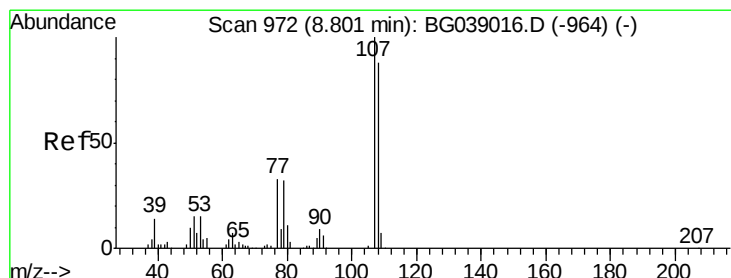
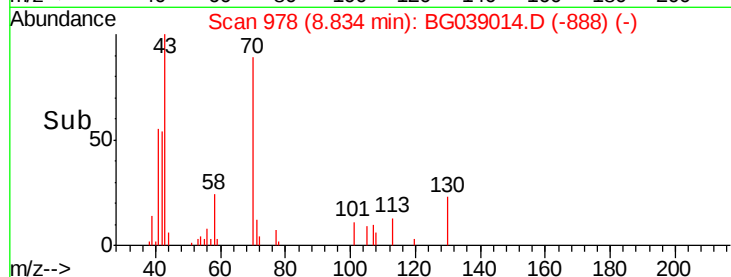
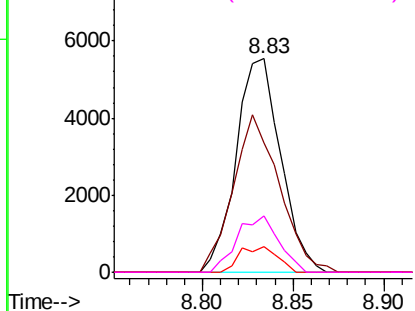
#19
n-Nitroso-di-n-propylamine
Concen: 8.859 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG039014.D
Acq: 9 Jan 2019 10:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	9479
Ion	Ratio	Lower	Upper
70	100		
42	60.3	59.0	88.4
101	12.1	10.4	15.6
130	26.1	21.6	32.4

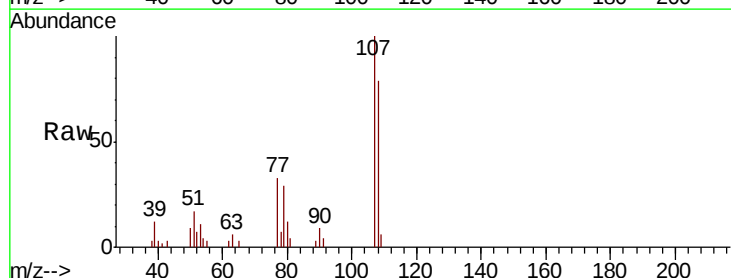


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

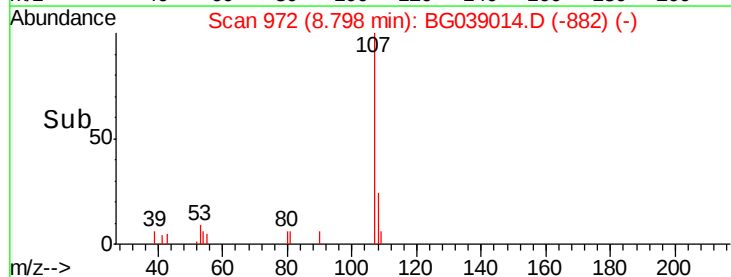
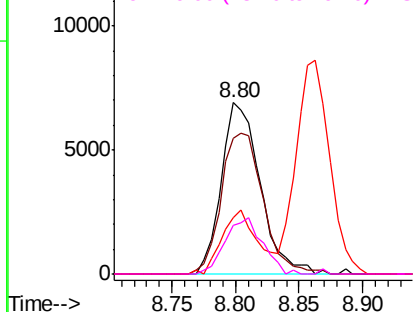


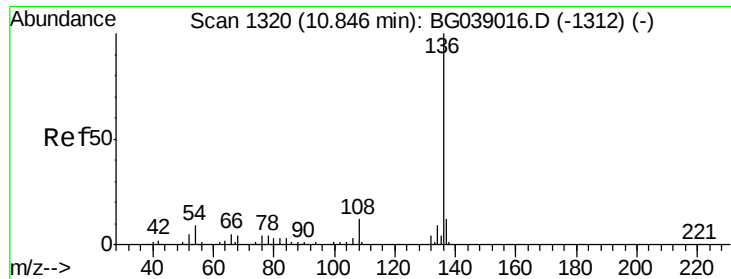
#20
3+4-Methylphenols
Concen: 9.771 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG039014.D
Acq: 9 Jan 2019 10:21

Tgt Ion:	107	Resp:	14633
Ion	Ratio	Lower	Upper
107	100		
108	78.9	68.4	108.4
77	32.8	13.3	53.3
79	28.6	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: 10.85 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 79360

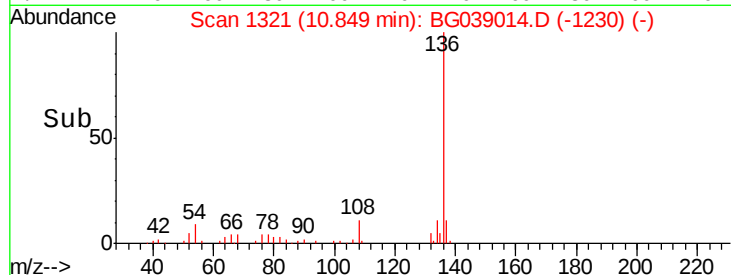
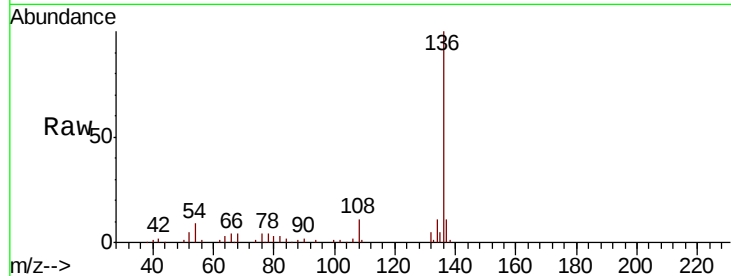
Ion Ratio Lower Upper

136 100

137 11.1 9.4 14.2

54 9.4 7.2 10.8

68 4.4 3.5 5.3

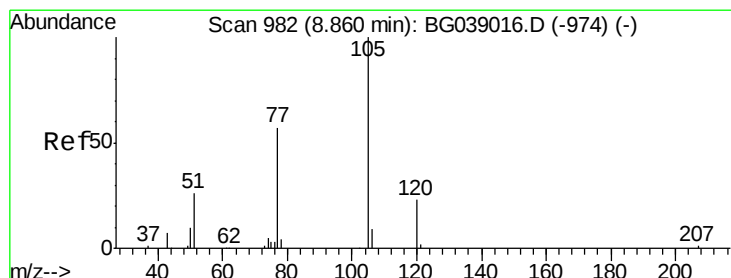
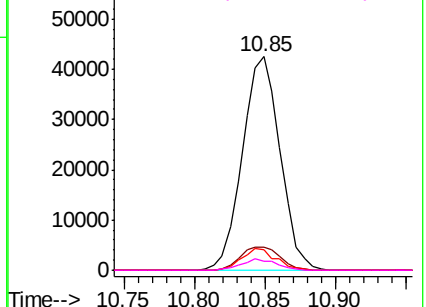


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 10.649 ng

RT: 8.86 min Scan# 983

Delta R.T. 0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

Tgt Ion:105 Resp: 21108

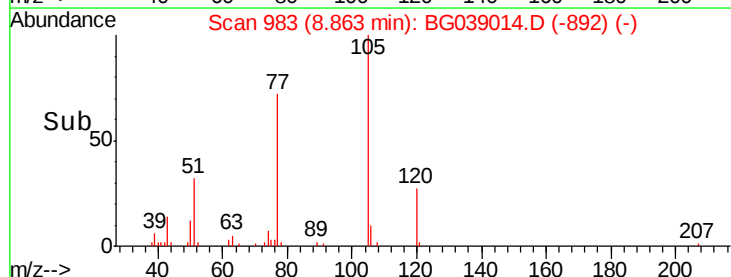
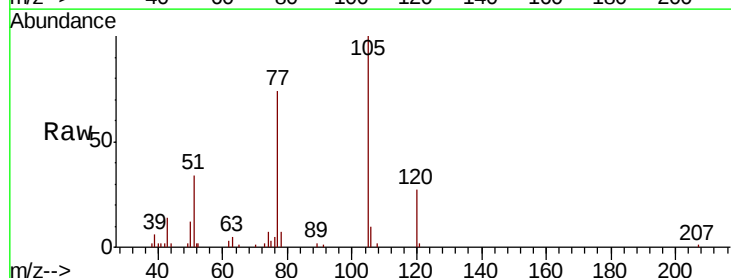
Ion Ratio Lower Upper

105 100

71 0.0 0.6 1.0#

51 33.7 26.6 39.8

120 27.4 17.9 26.9#

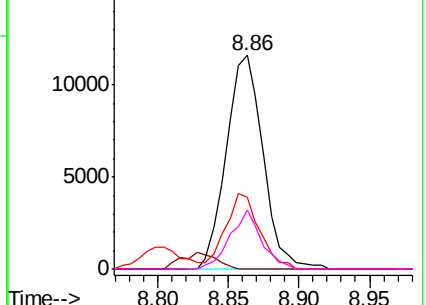


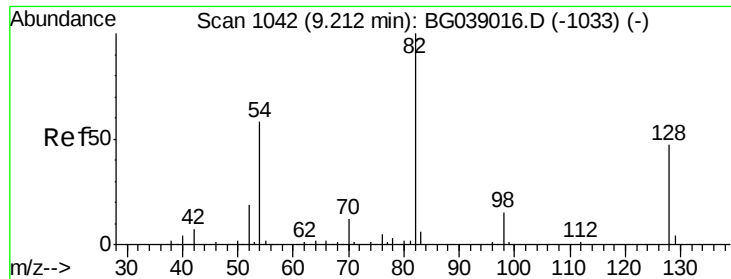
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

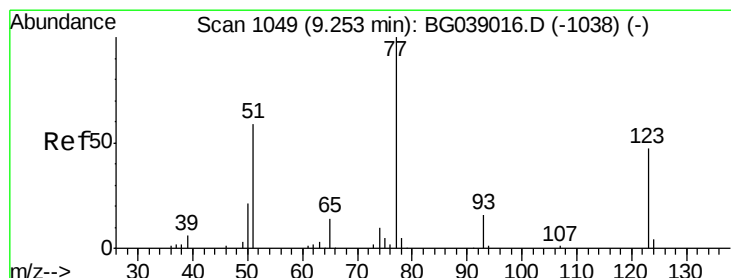
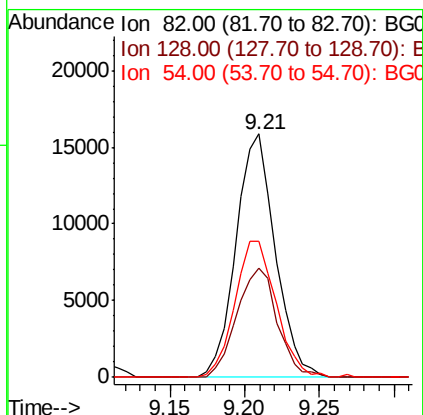
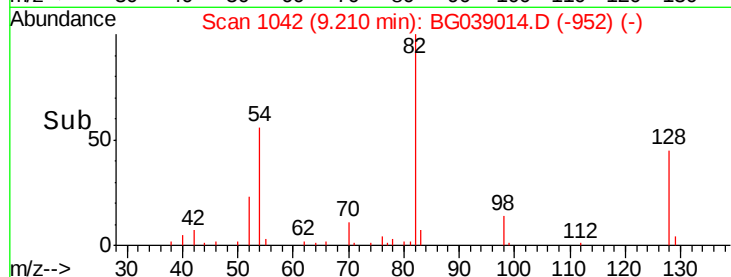
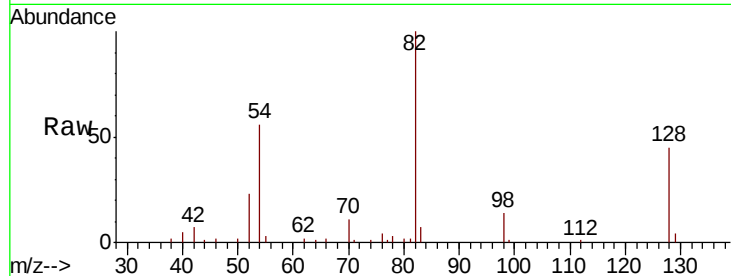




#23
Nitrobenzene-d5
Concen: 18.634 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG039014.D
Acq: 9 Jan 2019 10:21

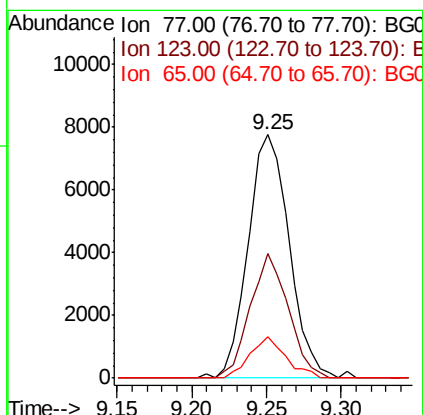
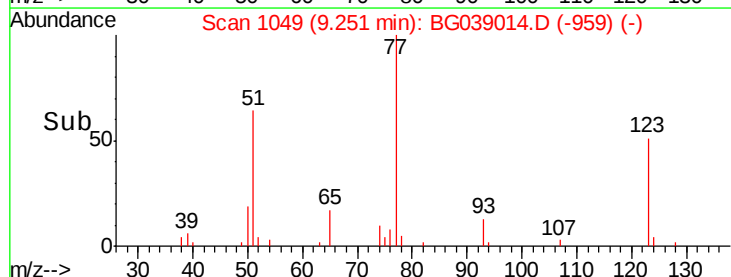
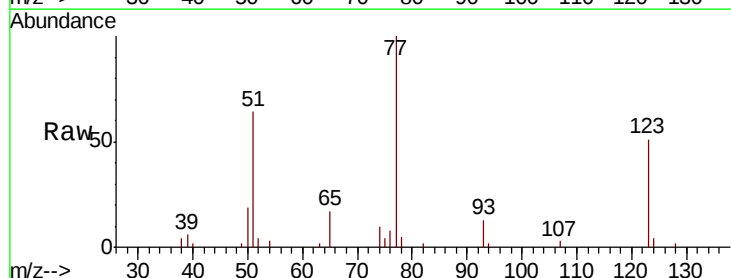
Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	28946
Ion Ratio	100	Lower	Upper
128	44.6	37.3	55.9
54	56.0	46.4	69.6



#24
Nitrobenzene
Concen: 9.379 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG039014.D
Acq: 9 Jan 2019 10:21

Tgt Ion	77	Resp	14739
Ion Ratio	100	Lower	Upper
123	51.3	37.6	56.4
65	17.1	11.0	16.6





#25

Isophorone

Concen: 8.908 ng

RT: 9.76 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

Instrument :

BNA_G

ClientSampleId :

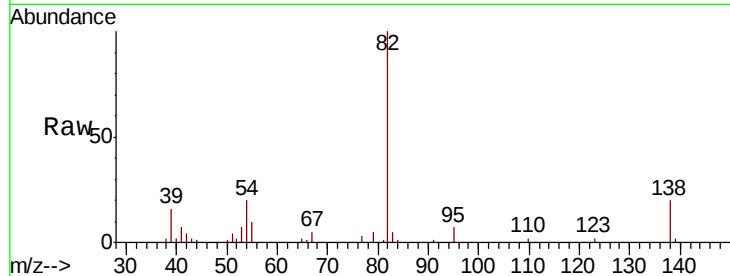
Tot Ion: 82 Resp: 24862

Ion Ratio Lower Upper

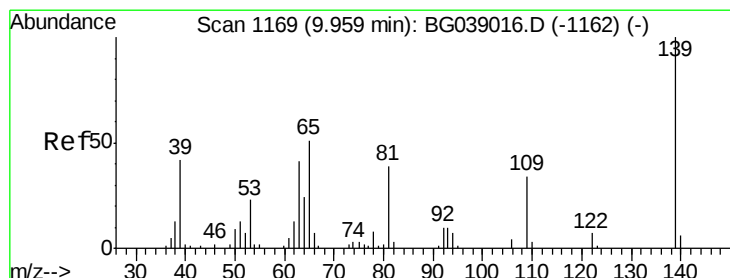
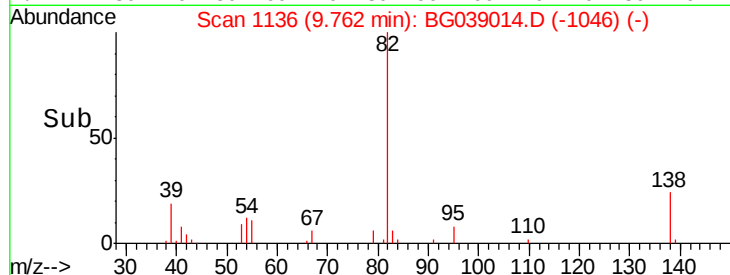
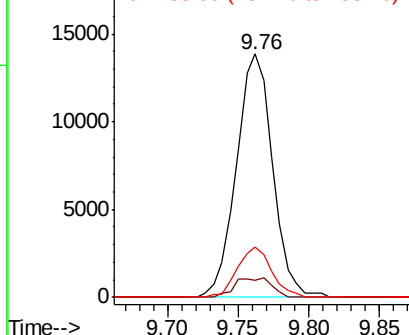
82 100

95 6.9 7.0 10.6#

138 20.5 16.2 24.4



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 9.889 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

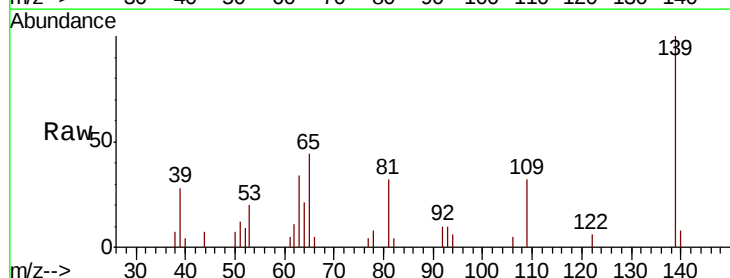
Tgt Ion: 139 Resp: 7954

Ion Ratio Lower Upper

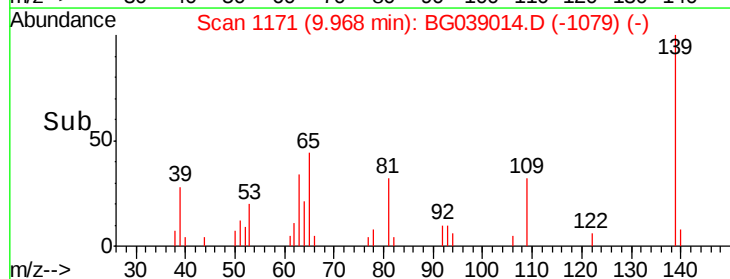
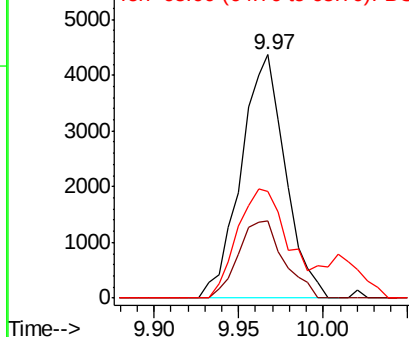
139 100

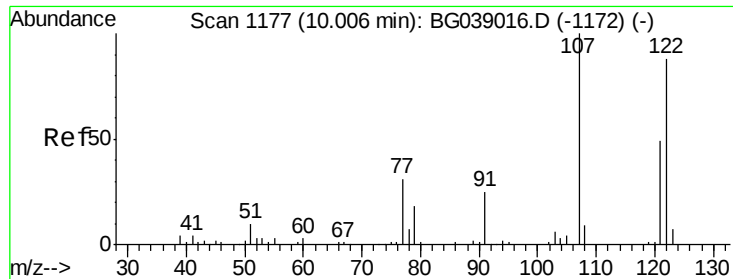
109 31.7 27.3 40.9

65 43.8 40.6 61.0



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

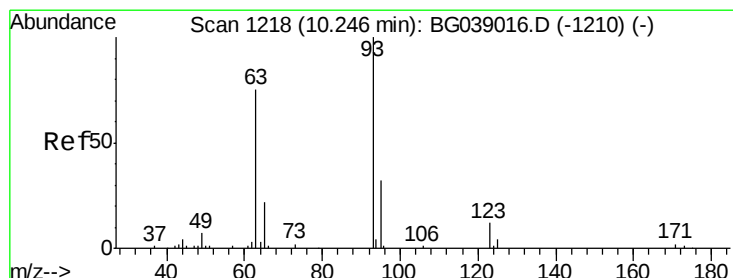
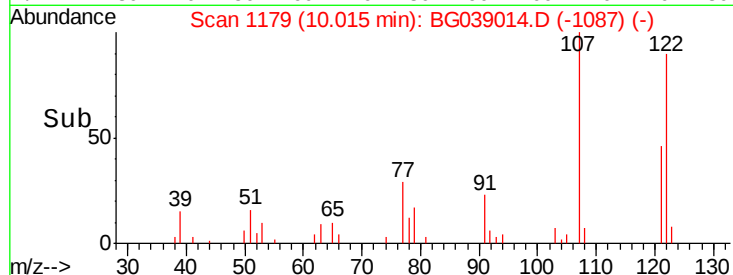
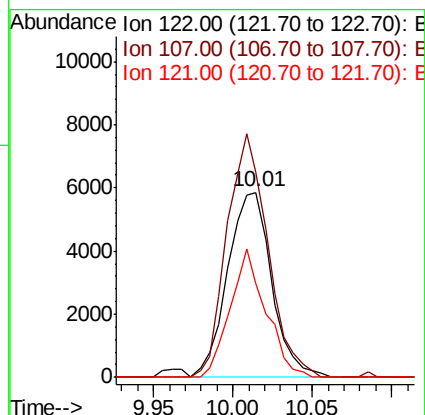
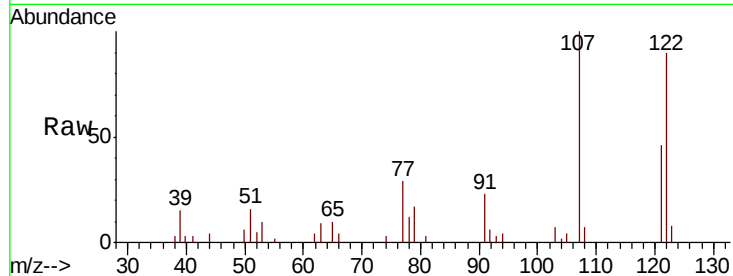




#27
 2,4-Dimethylphenol
 Concen: 9.760 ng
 RT: 10.01 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BG039014.D
 Acq: 9 Jan 2019 10:21

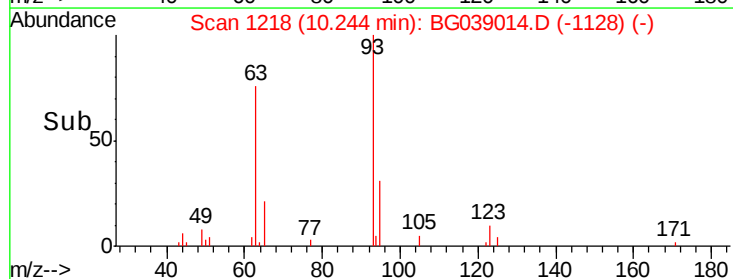
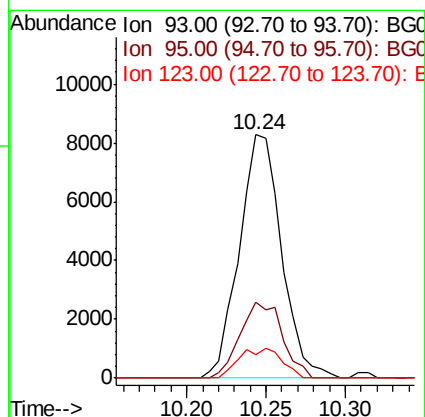
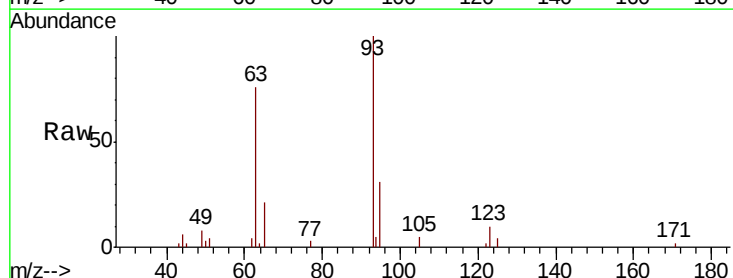
Instrument :
 BNA_G
 ClientSampled :

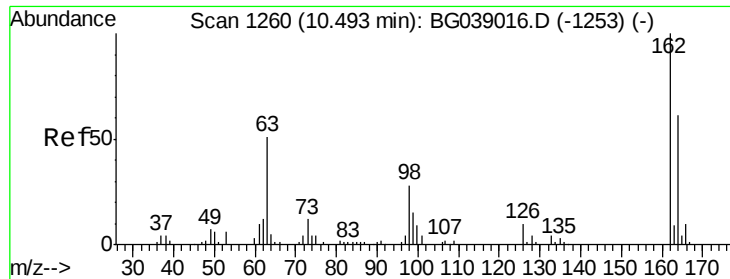
Tot Ion:122 Resp: 11250
 Ion Ratio Lower Upper
 122 100
 107 110.6 88.8 133.2
 121 50.7 43.1 64.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 9.697 ng
 RT: 10.24 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BG039014.D
 Acq: 9 Jan 2019 10:21

Tgt Ion: 93 Resp: 15273
 Ion Ratio Lower Upper
 93 100
 95 31.4 25.6 38.4
 123 9.8 10.1 15.1#

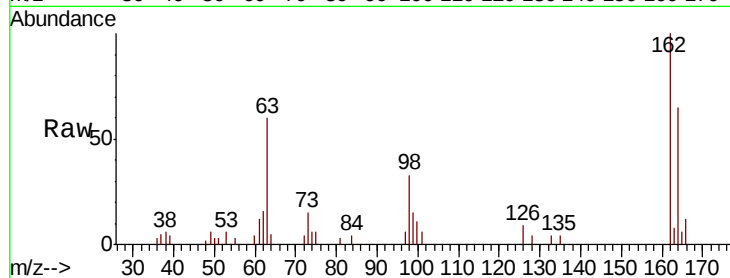




#29
 2,4-Dichlorophenol
 Concen: 10.508 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BG039014.D
 Acq: 9 Jan 2019 10:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	162	Resp	13475
Ion Ratio	Lower	Upper	
162	100		
164	64.8	41.3	81.3
98	32.9	8.3	48.3

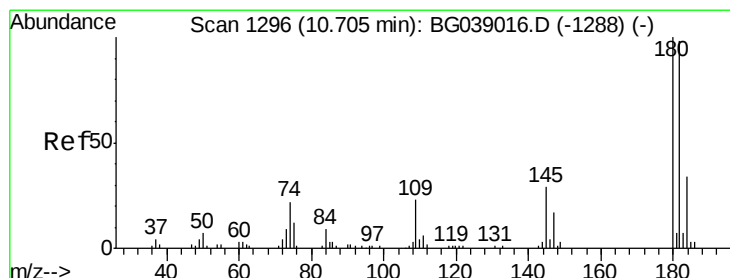
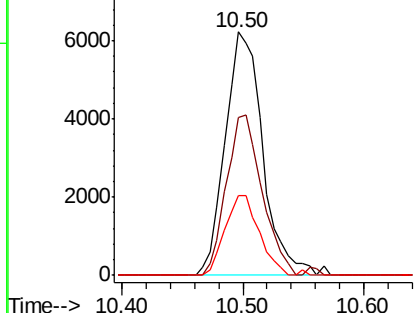
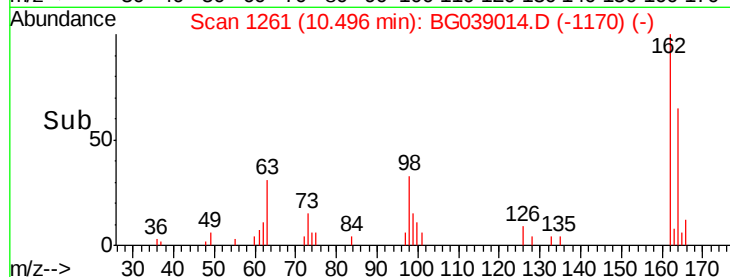


Abundance

Ion 162.00 (161.70 to 162.70): E

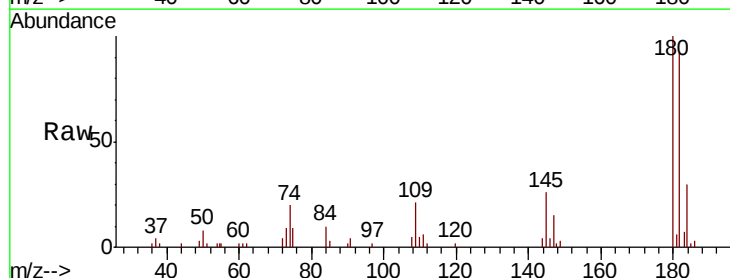
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 10.731 ng
 RT: 10.70 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BG039014.D
 Acq: 9 Jan 2019 10:21

Tgt Ion	180	Resp	16622
Ion Ratio	Lower	Upper	
180	100		
182	92.3	78.1	117.1
145	25.8	23.1	34.7

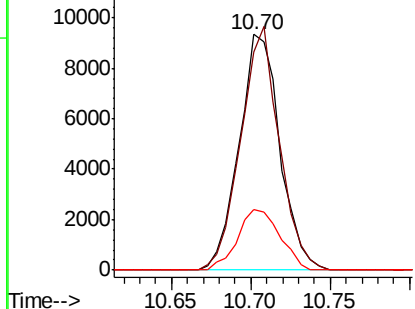
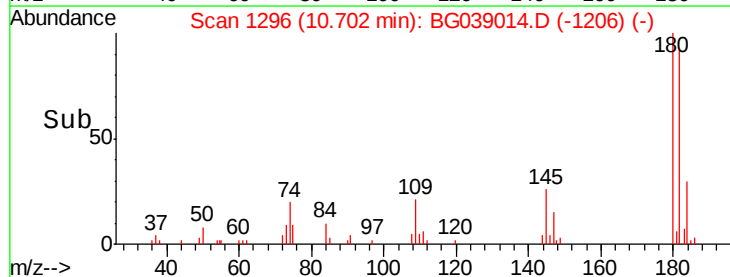


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

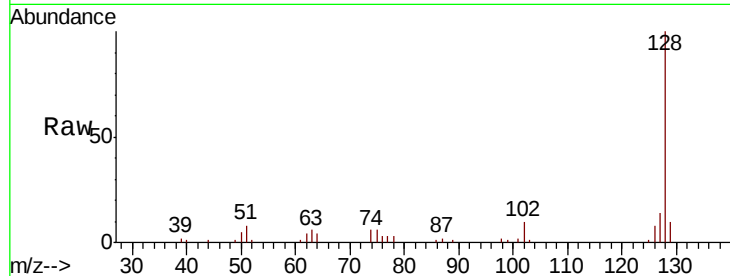




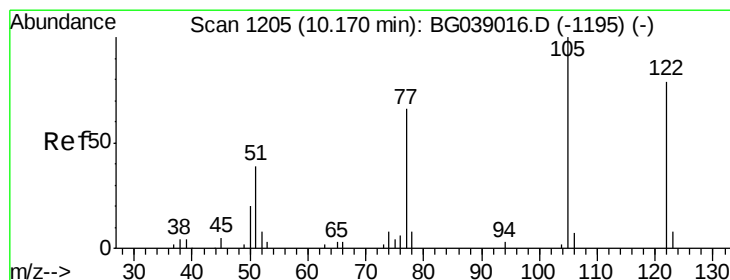
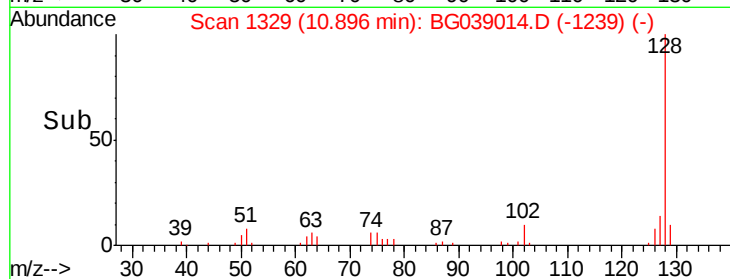
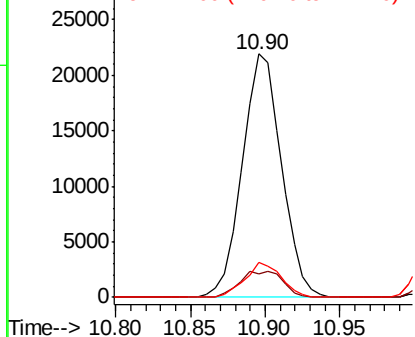
#31
Naphthalene
Concen: 10.195 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG039014.D
Acq: 9 Jan 2019 10:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 39865
Ion Ratio Lower Upper
128 100
129 9.6 9.1 13.7
127 14.2 11.2 16.8

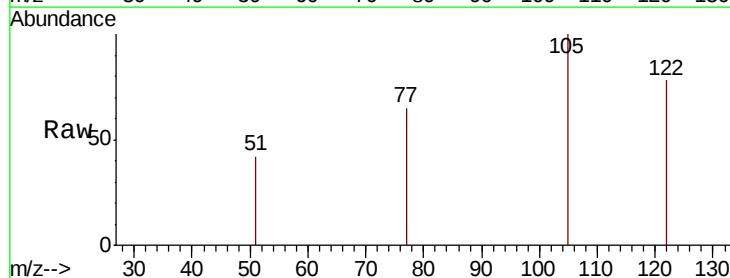


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

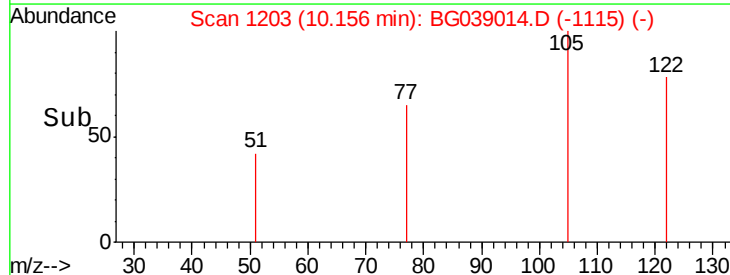
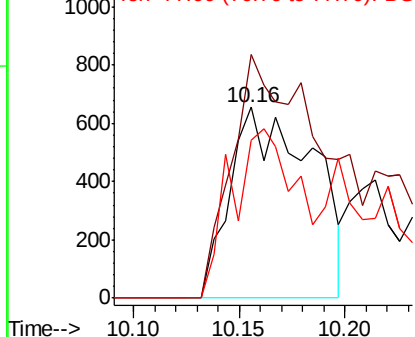


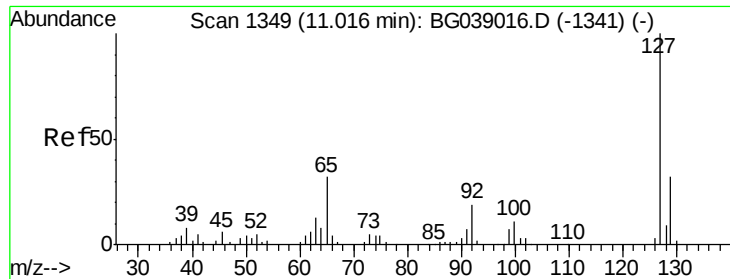
#32
Benzoic acid
Concen: 2.872 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG039014.D
Acq: 9 Jan 2019 10:21

Tgt Ion:122 Resp: 1758
Ion Ratio Lower Upper
122 100
105 127.6 106.4 146.4
77 82.6 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): BGO

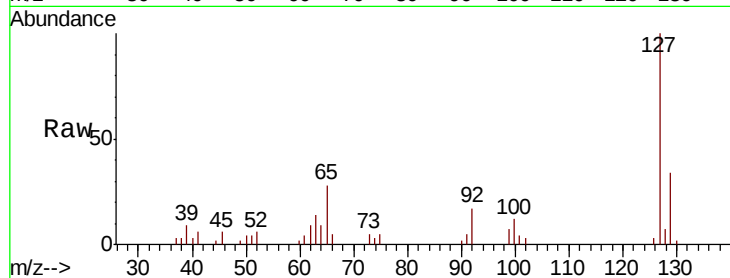




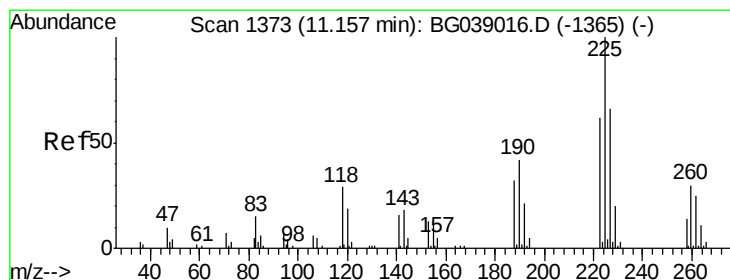
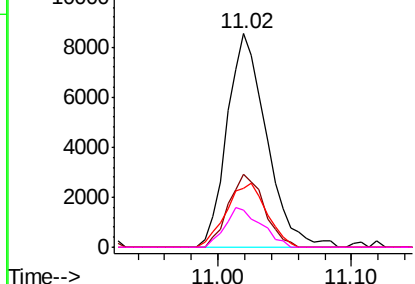
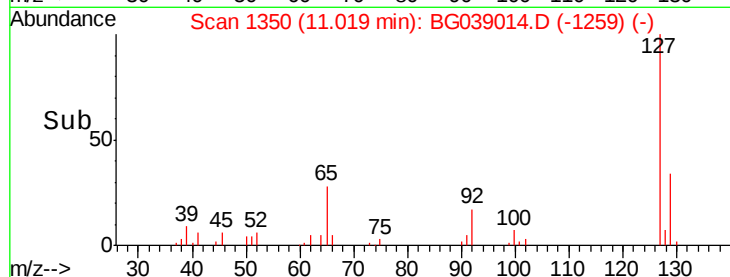
#33
4-Chloroaniline
Concen: 10.372 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG039014.D
Acq: 9 Jan 2019 10:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	17607
Ion	Ratio	Lower	Upper
127	100		
129	34.0	25.4	38.0
65	27.9	25.4	38.0
92	17.1	15.2	22.8

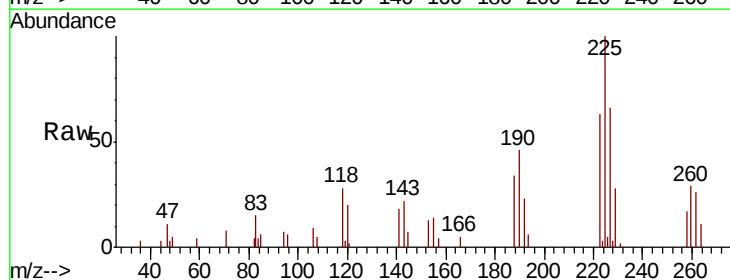


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

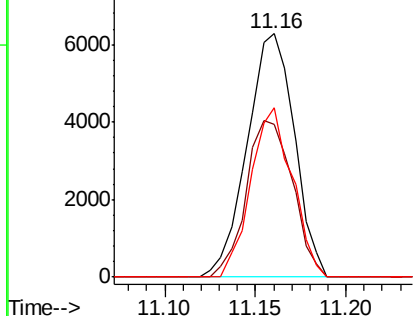
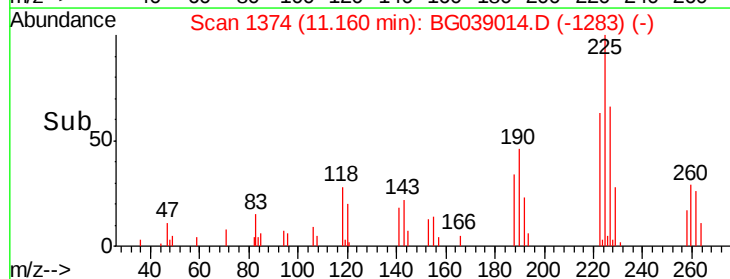


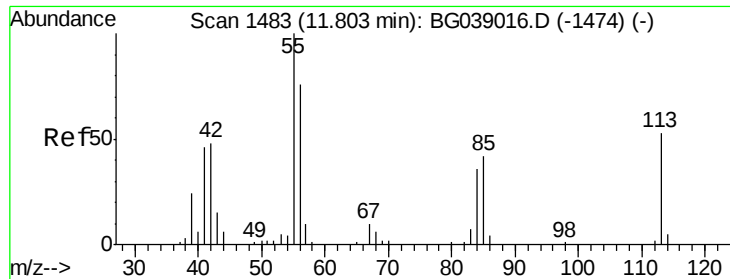
#34
Hexachlorobutadiene
Concen: 10.837 ng
RT: 11.16 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BG039014.D
Acq: 9 Jan 2019 10:21

Tgt Ion:	225	Resp:	11359
Ion	Ratio	Lower	Upper
225	100		
223	59.9	50.2	75.4
227	66.4	53.2	79.8



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

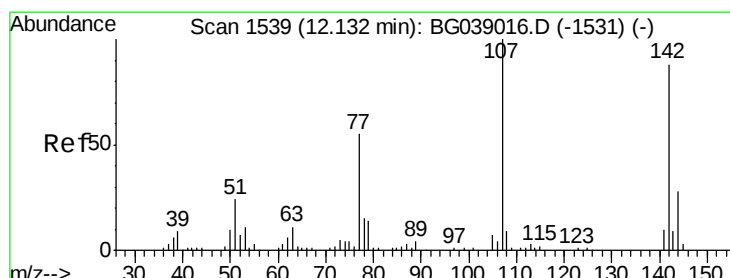
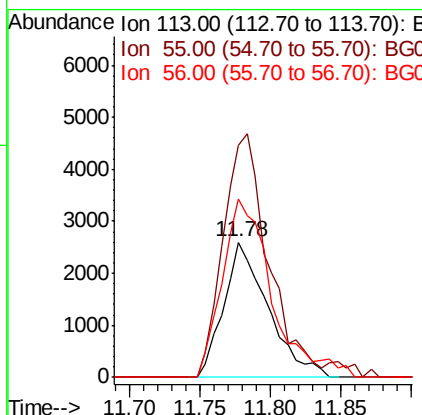
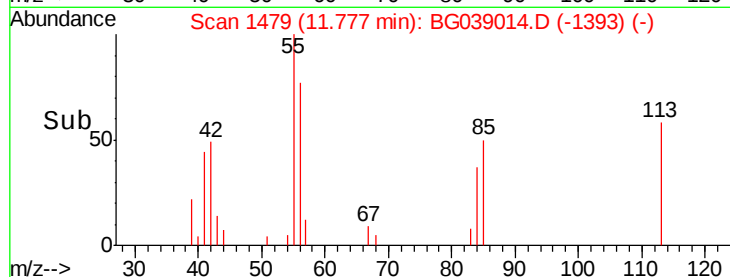
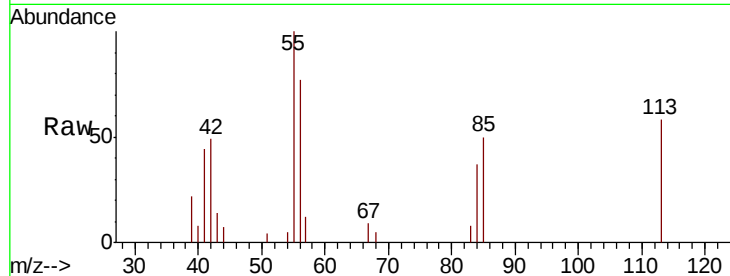




#35
Caprolactam
Concen: 10.735 ng
RT: 11.78 min Scan# 1479
Delta R.T. -0.03 min
Lab File: BG039014.D
Acq: 9 Jan 2019 10:21

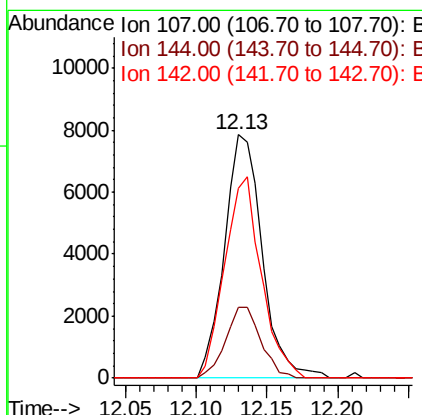
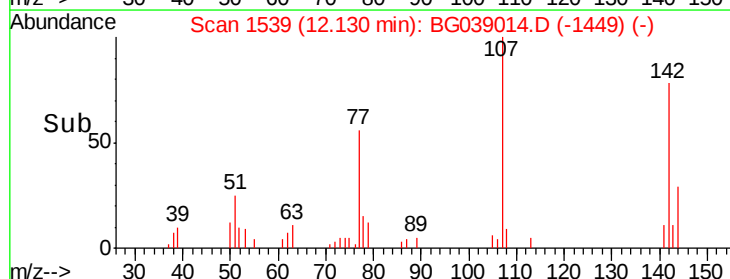
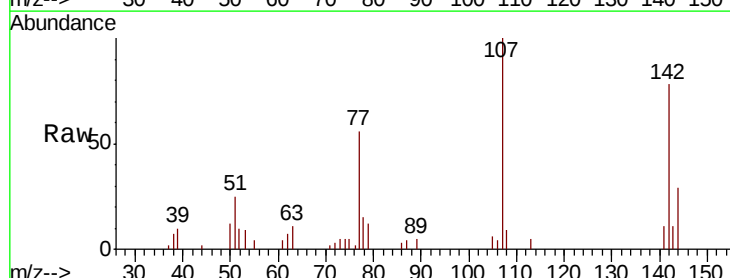
Instrument :
BNA_G
ClientSampleId :

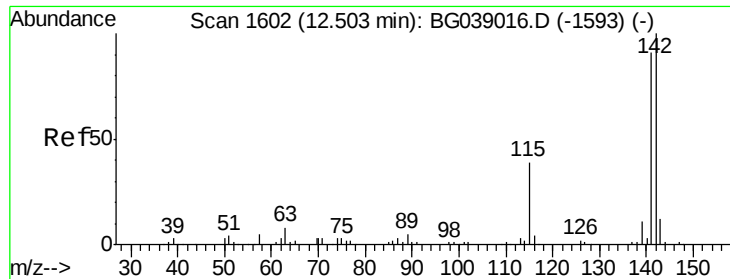
Tot Ion:113 Resp: 5697
Ion Ratio Lower Upper
113 100
55 171.7 168.6 208.6
56 131.8 123.2 163.2



#36
4-Chloro-3-methylphenol
Concen: 10.005 ng
RT: 12.13 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BG039014.D
Acq: 9 Jan 2019 10:21

Tgt Ion:107 Resp: 14642
Ion Ratio Lower Upper
107 100
144 29.3 22.6 34.0
142 77.9 70.2 105.4

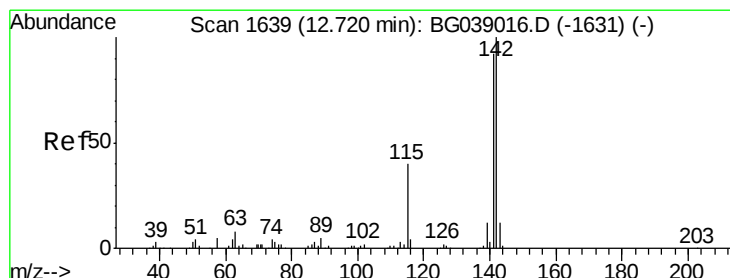
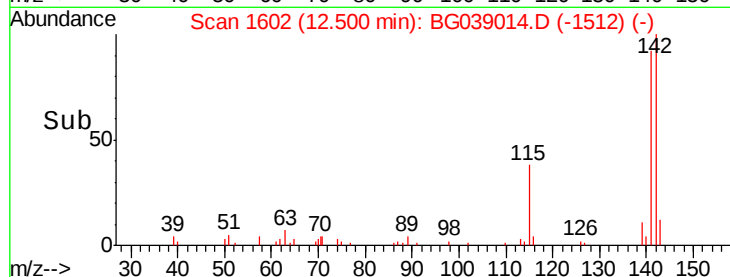
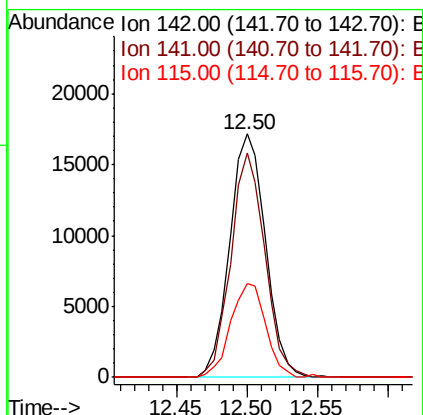
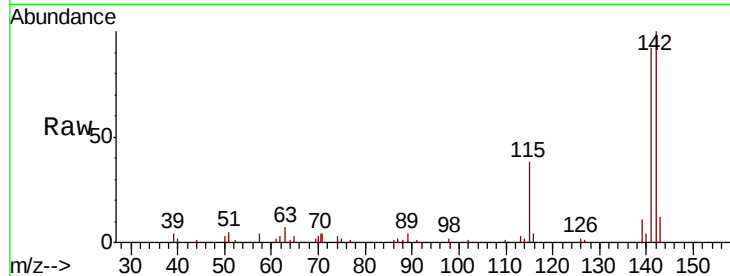




#37
2-Methylnaphthalene
Concen: 10.865 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BG039014.D
Acq: 9 Jan 2019 10:21

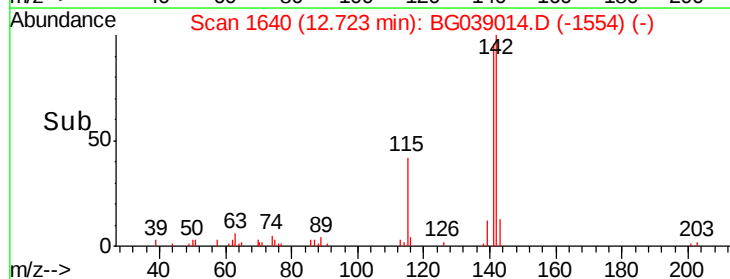
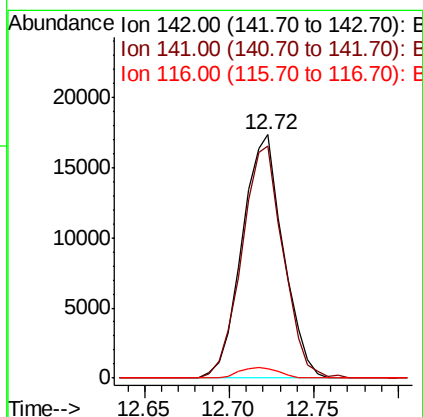
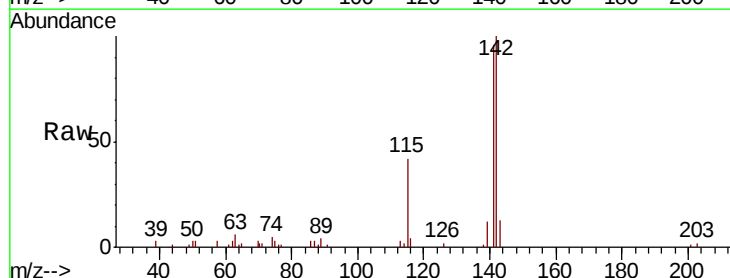
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	72.6	109.0
115	38.3	31.1	46.7



#38
1-Methylnaphthalene
Concen: 10.849 ng
RT: 12.72 min Scan# 1640
Delta R.T. 0.00 min
Lab File: BG039014.D
Acq: 9 Jan 2019 10:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.6	73.3	109.9
116	4.0	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

Instrument :

BNA_G

ClientSampleId :

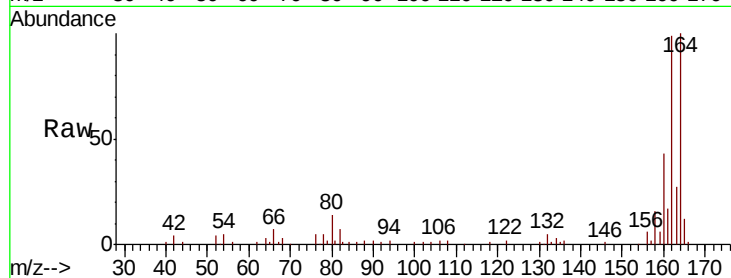
Tot Ion:164 Resp: 59825

Ion Ratio Lower Upper

164 100

162 99.4 87.2 130.8

160 43.1 33.3 49.9

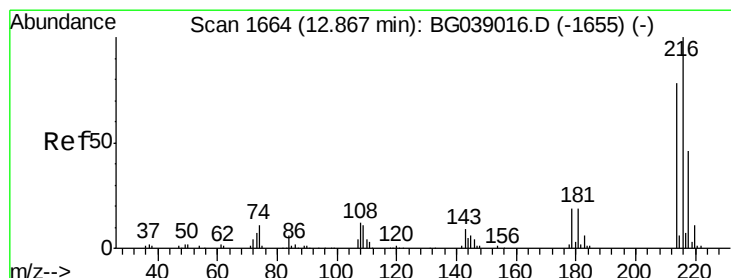
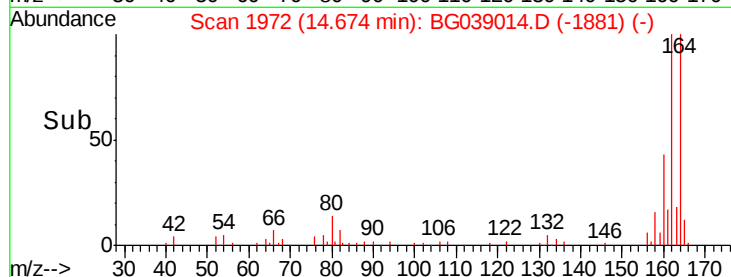
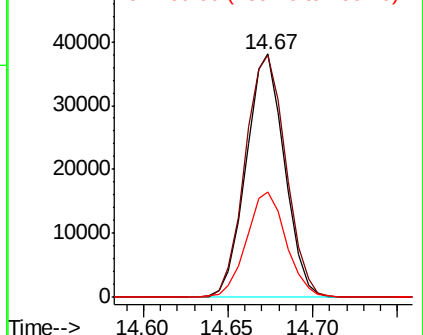


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.732 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

Tgt Ion:216 Resp: 21763

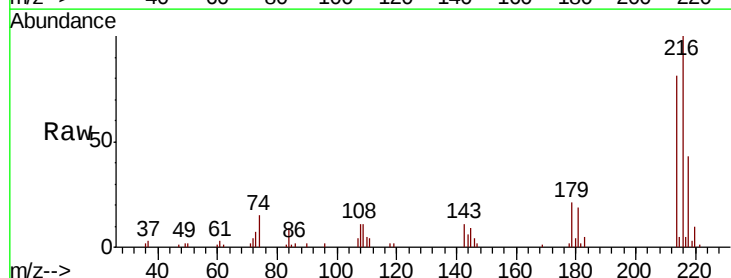
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.2

179 19.9 15.5 23.3

108 12.7 11.4 17.2



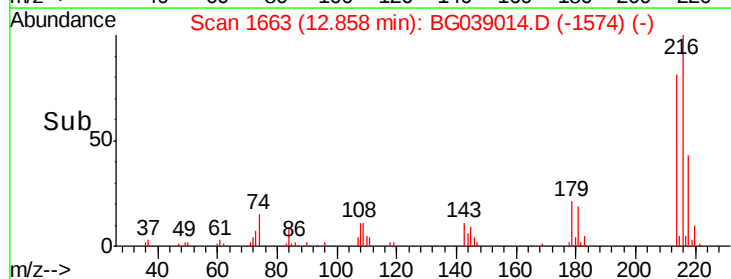
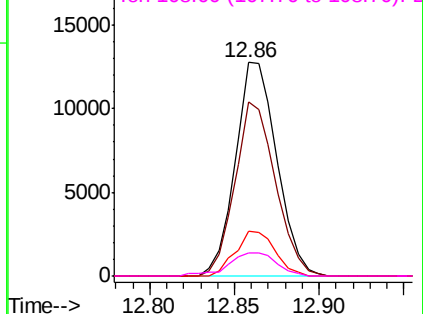
Abundance

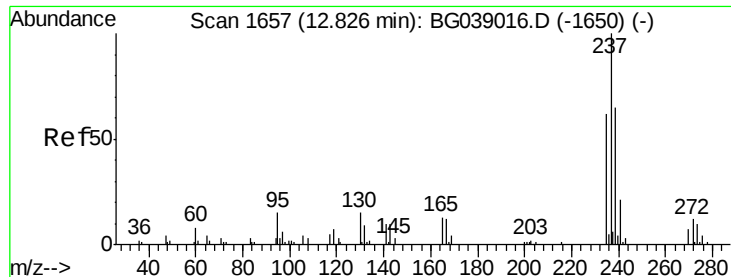
Ion 216.00 (215.70 to 216.70): E

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: 6.308 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

Instrument :

BNA_G

ClientSampleId :

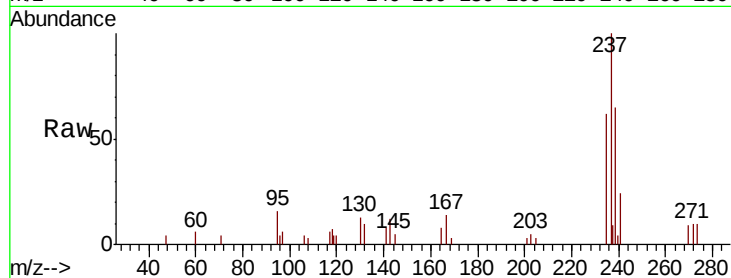
Tot Ion:237 Resp: 7750

Ion Ratio Lower Upper

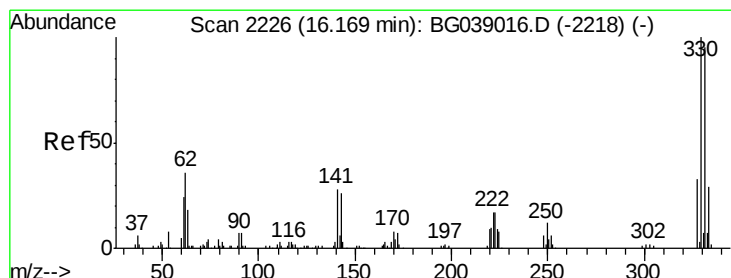
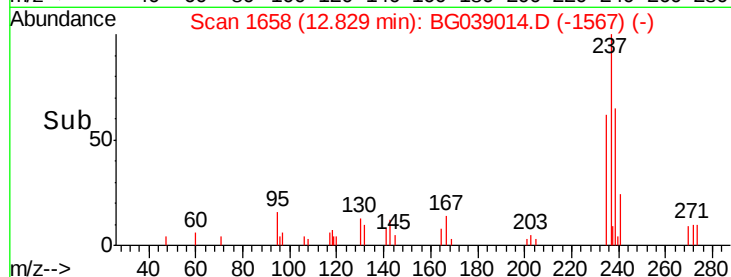
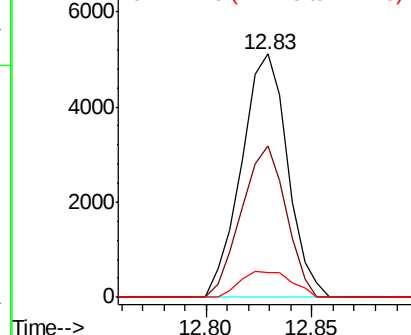
237 100

235 62.0 41.7 81.7

272 9.9 0.0 32.1



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



#42

2,4,6-Tribromophenol

Concen: 23.095 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

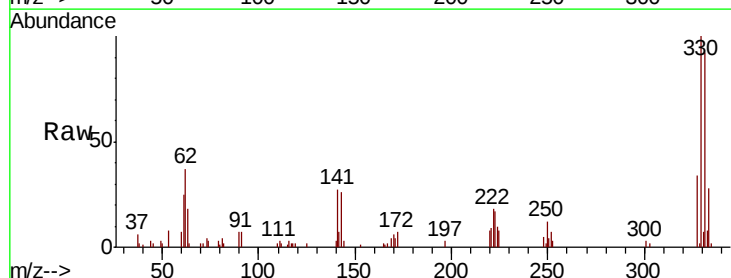
Tgt Ion:330 Resp: 19042

Ion Ratio Lower Upper

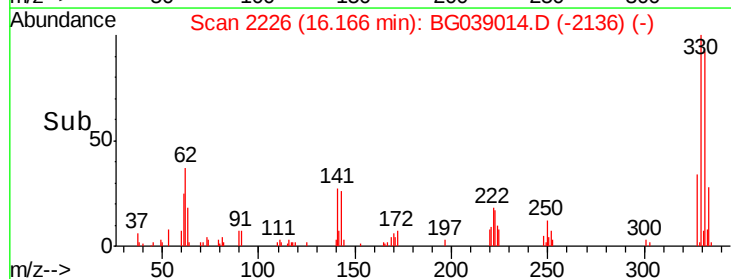
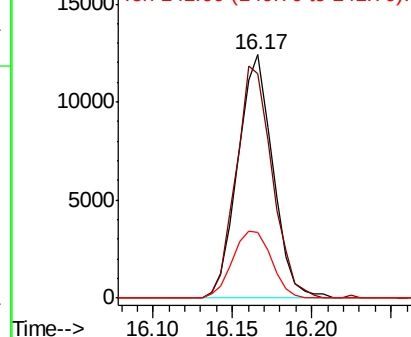
330 100

332 98.1 75.7 113.5

141 30.4 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

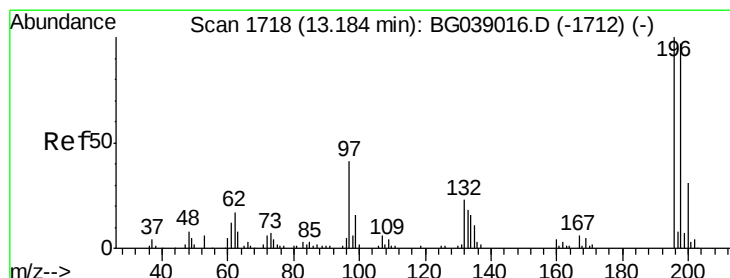
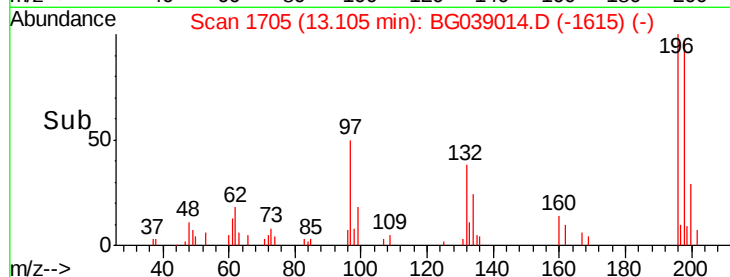
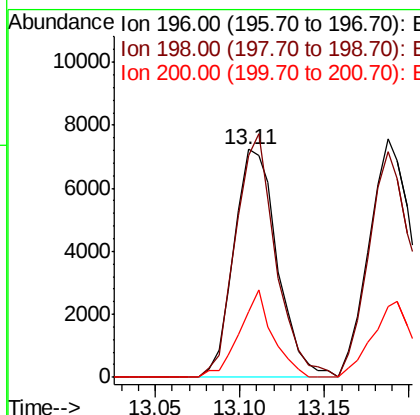
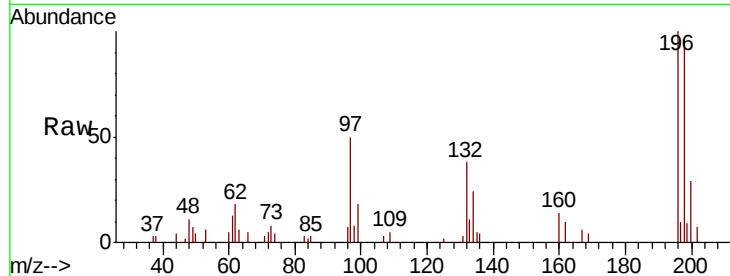




#43
 2,4,6-Trichlorophenol
 Concen: 9.404 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG039014.D
 Acq: 9 Jan 2019 10:21

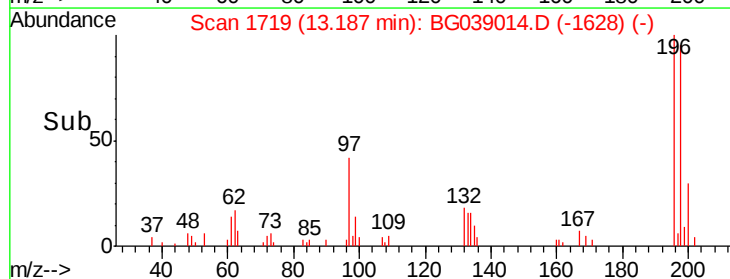
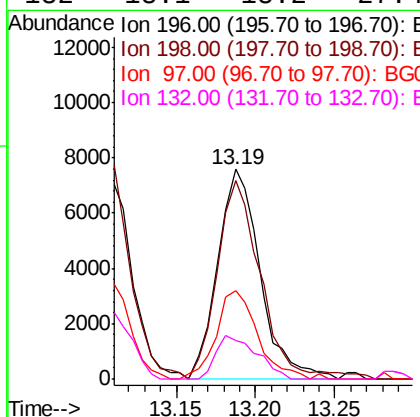
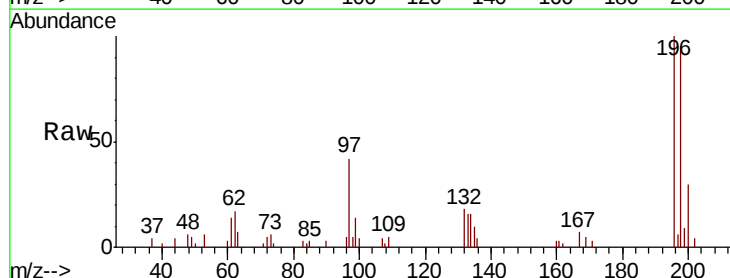
Instrument :
 BNA_G
 ClientSampled :

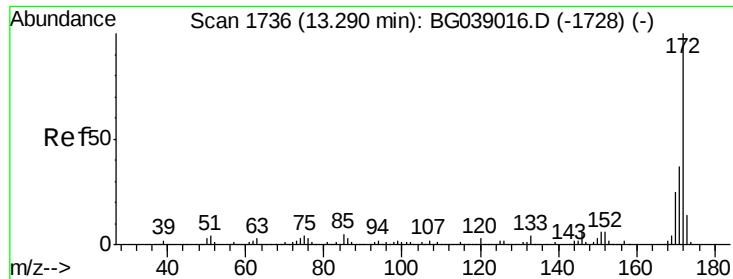
Tot Ion:196 Resp: 12931
 Ion Ratio Lower Upper
 196 100
 198 97.5 74.5 111.7
 200 29.0 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 9.668 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG039014.D
 Acq: 9 Jan 2019 10:21

Tgt Ion:196 Resp: 14074
 Ion Ratio Lower Upper
 196 100
 198 94.6 78.1 117.1
 97 41.8 33.2 49.8
 132 18.1 18.2 27.4#

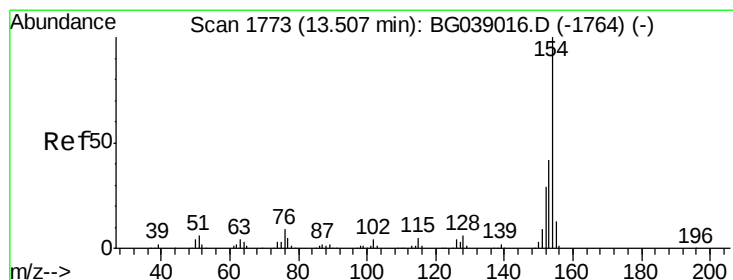
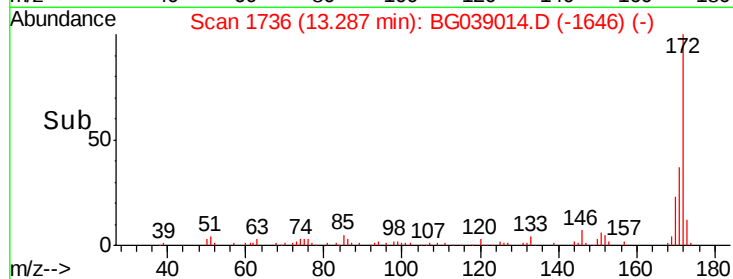
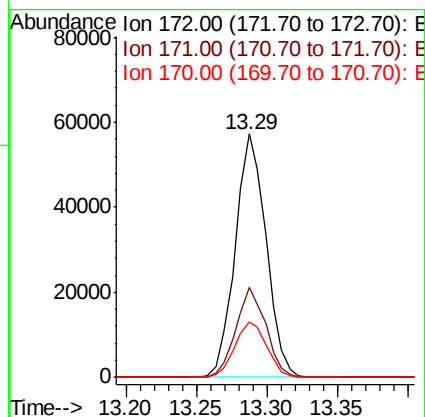
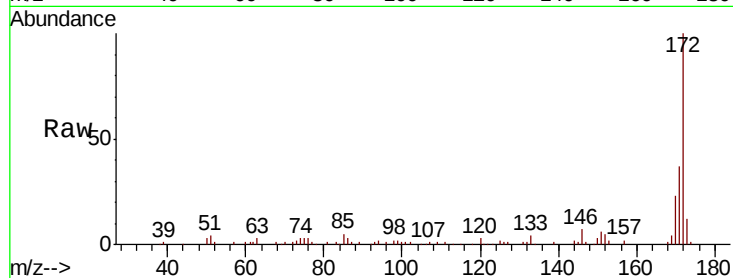




#45
 2-Fluorobiphenyl
 Concen: 19.994 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039014.D
 Acq: 9 Jan 2019 10:21

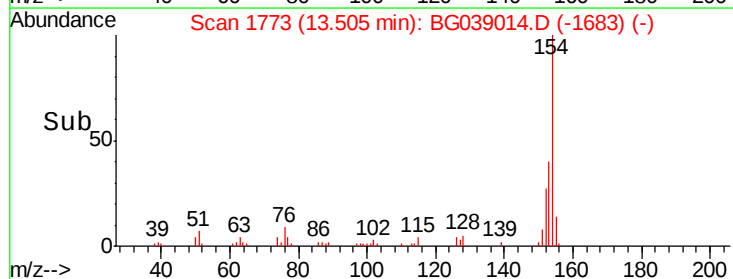
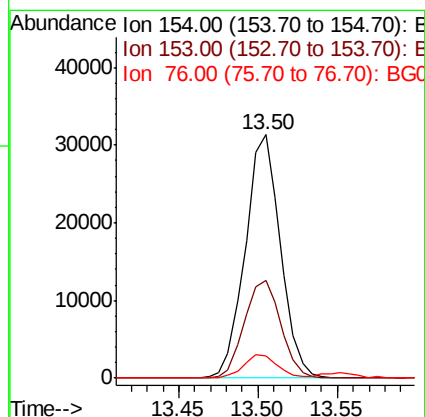
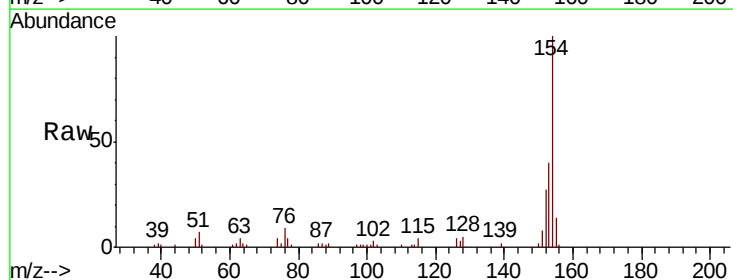
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 87194
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 23.0 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 9.626 ng
 RT: 13.50 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG039014.D
 Acq: 9 Jan 2019 10:21

Tgt Ion:154 Resp: 48277
 Ion Ratio Lower Upper
 154 100
 153 39.9 22.4 62.4
 76 9.3 0.0 29.4

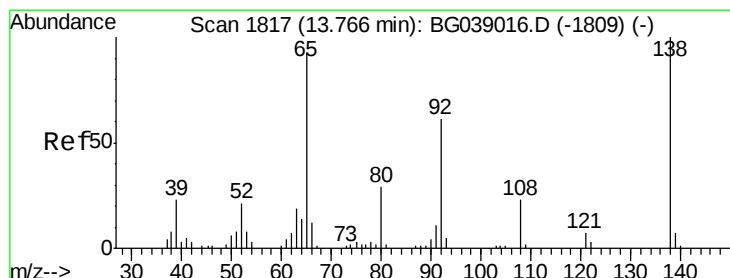
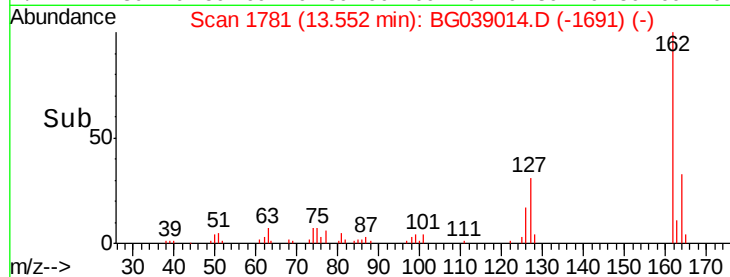
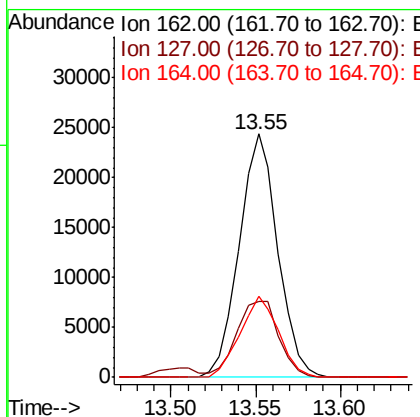
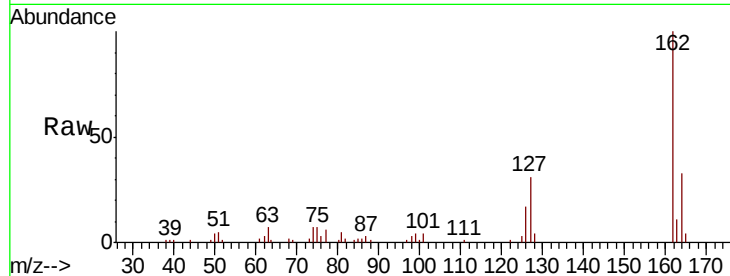




#47
 2-Chloronaphthalene
 Concen: 9.957 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG039014.D
 Acq: 9 Jan 2019 10:21

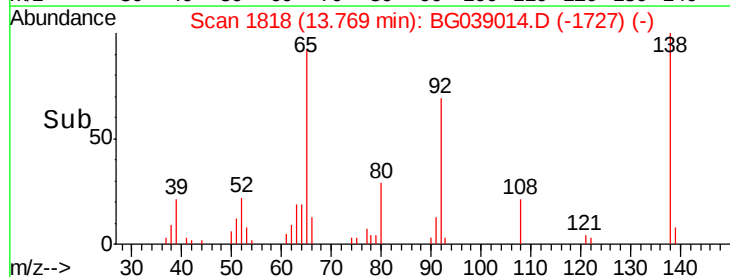
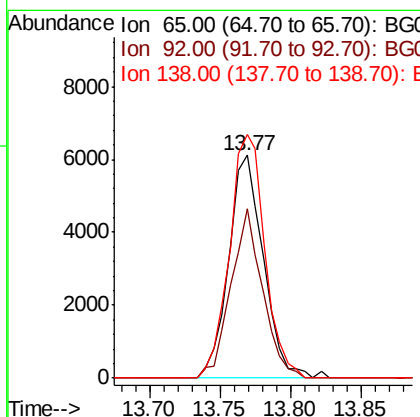
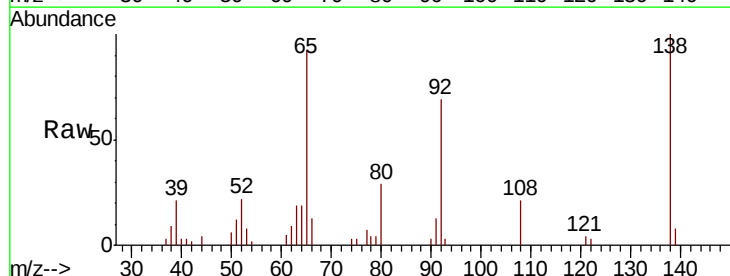
Instrument :
 BNA_G
 ClientSampleId :

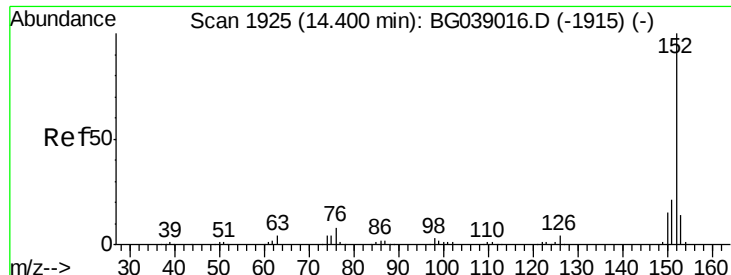
Tot Ion:162 Resp: 38574
 Ion Ratio Lower Upper
 162 100
 127 31.4 28.4 42.6
 164 33.2 26.3 39.5



#48
 2-Nitroaniline
 Concen: 8.501 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG039014.D
 Acq: 9 Jan 2019 10:21

Tgt Ion: 65 Resp: 10490
 Ion Ratio Lower Upper
 65 100
 92 75.8 52.2 78.4
 138 109.2 86.0 129.0





#49

Acenaphthylene

Concen: 9.772 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

Instrument :

BNA_G

ClientSampleId :

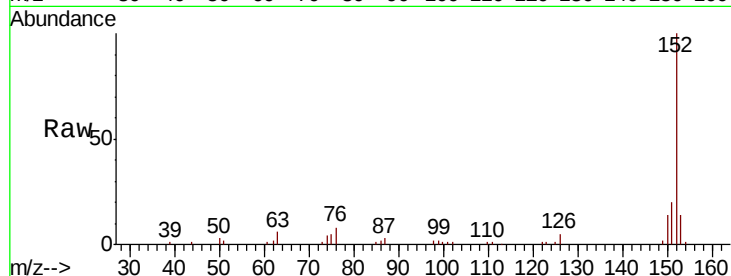
Tot Ion:152 Resp: 56596

Ion Ratio Lower Upper

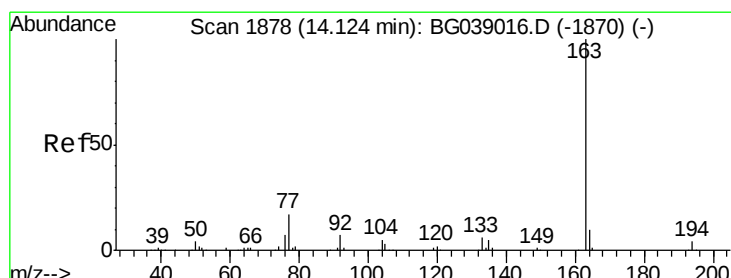
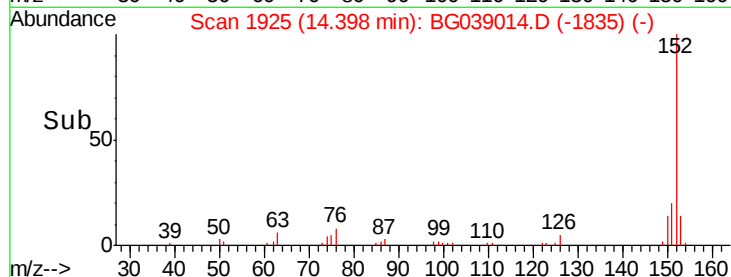
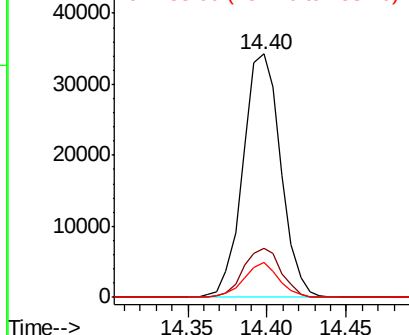
152 100

151 19.9 17.0 25.4

153 14.4 11.2 16.8



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



#50

Dimethylphthalate

Concen: 10.635 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

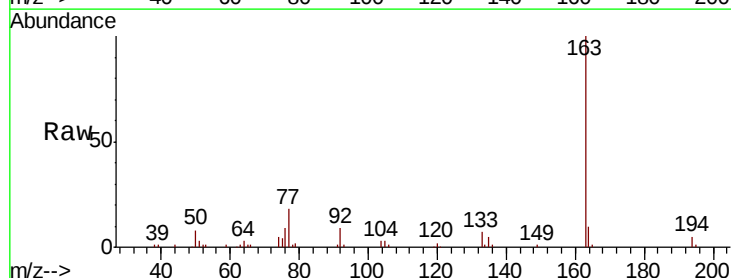
Tgt Ion:163 Resp: 51959

Ion Ratio Lower Upper

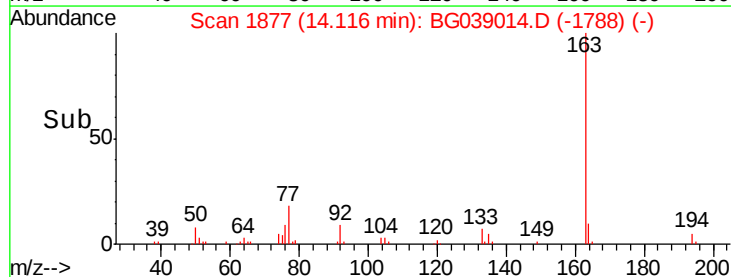
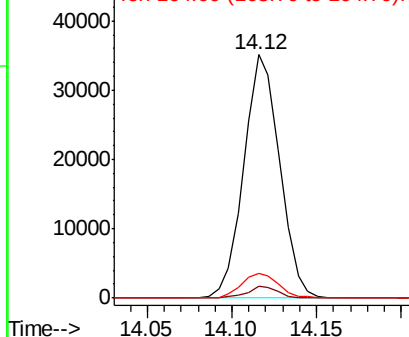
163 100

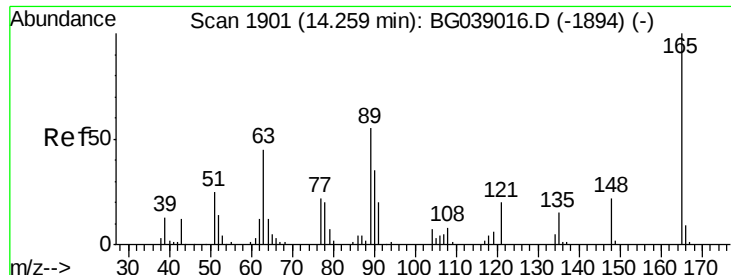
194 4.7 3.6 5.4

164 10.4 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

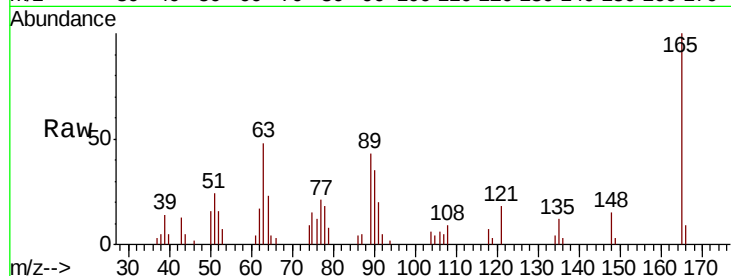




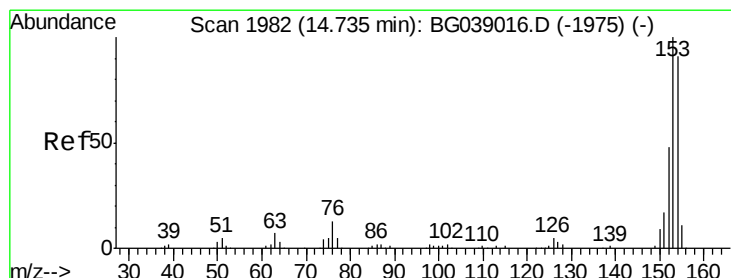
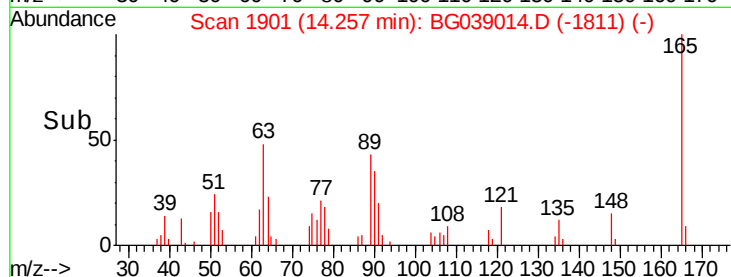
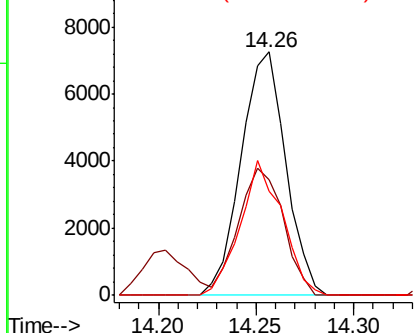
#51
 2,6-Dinitrotoluene
 Concen: 10.400 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: BG039014.D
 Acq: 9 Jan 2019 10:21

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:165 Resp: 11514
 Ion Ratio Lower Upper
 165 100
 63 47.5 43.6 65.4
 89 43.0 43.7 65.5#

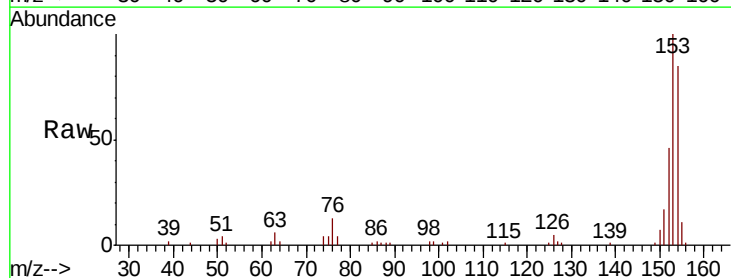


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

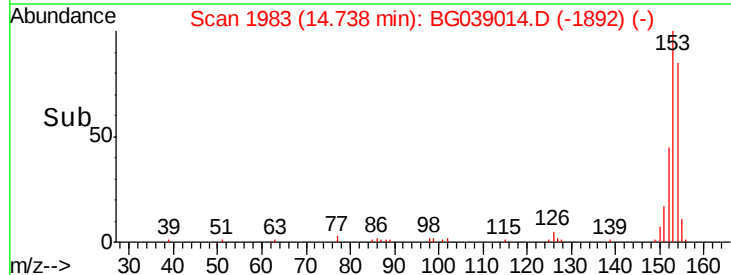
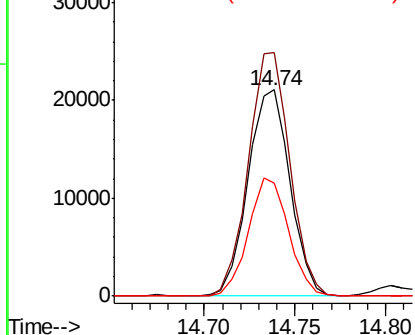


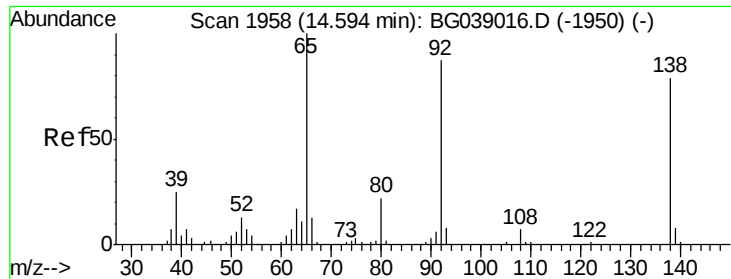
#52
 Acenaphthene
 Concen: 9.866 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: BG039014.D
 Acq: 9 Jan 2019 10:21

Tgt Ion:154 Resp: 34167
 Ion Ratio Lower Upper
 154 100
 153 118.2 87.9 131.9
 152 54.9 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: 10.218 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

Instrument :

BNA_G

ClientSampleId :

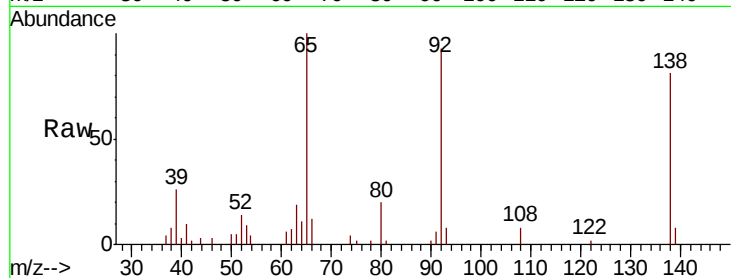
Tot Ion:138 Resp: 11532

Ion Ratio Lower Upper

138 100

108 10.2 7.4 11.0

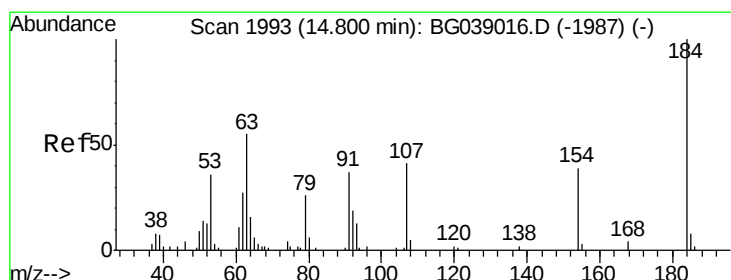
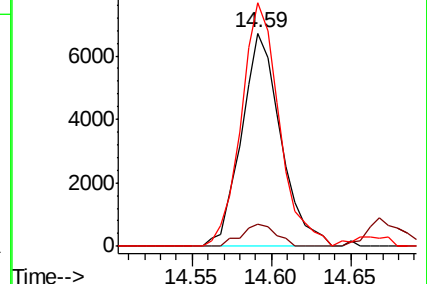
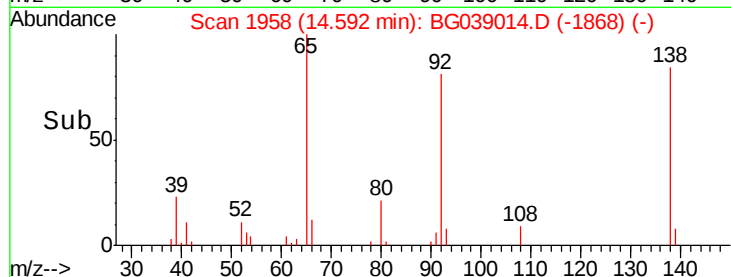
92 114.3 88.2 132.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 5.862 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

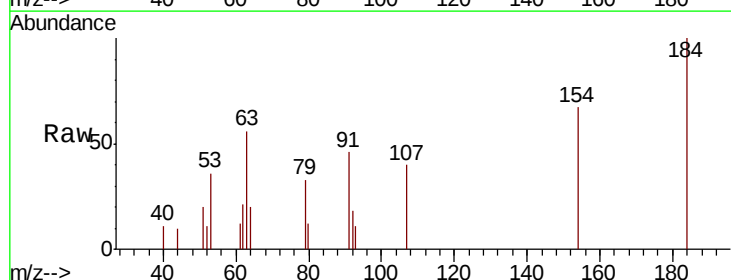
Tgt Ion:184 Resp: 3389

Ion Ratio Lower Upper

184 100

63 55.9 44.0 66.0

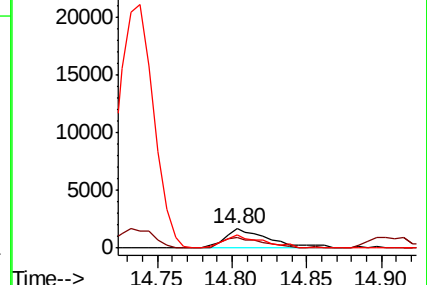
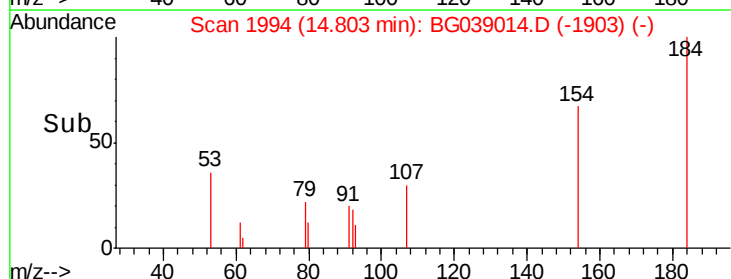
154 66.9 46.1 69.1

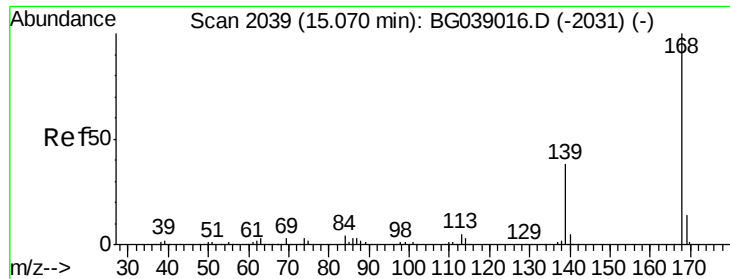


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

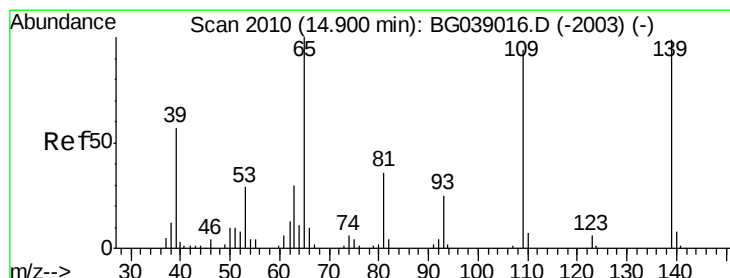
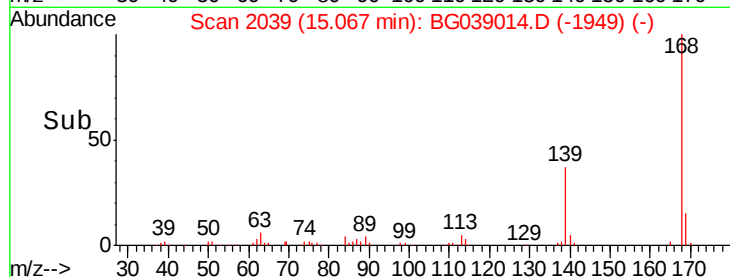
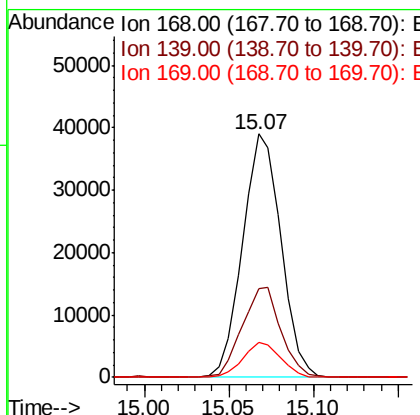
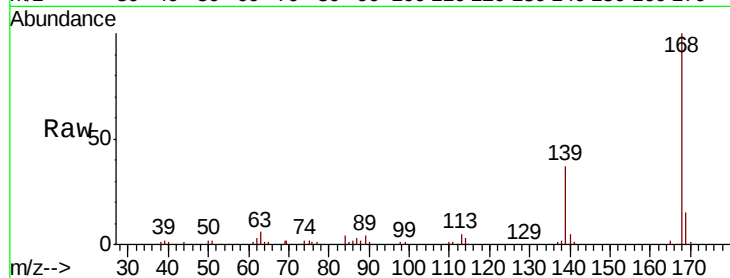




#55
Dibenzenofuran
Concen: 10.368 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG039014.D
Acq: 9 Jan 2019 10:21

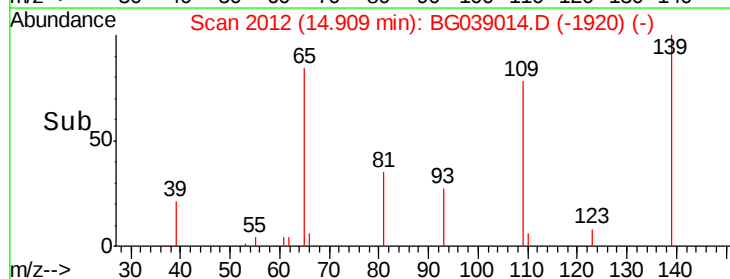
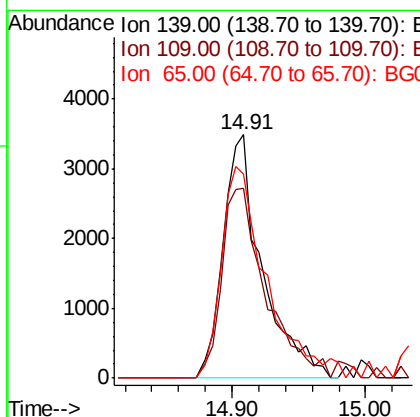
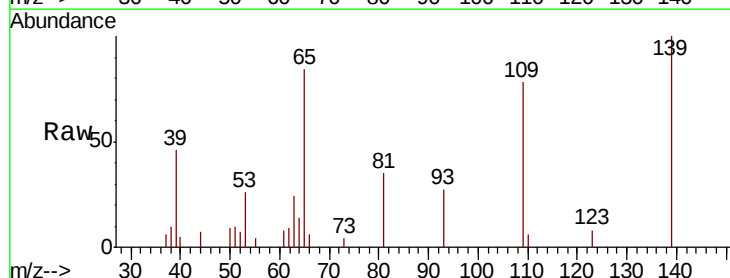
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.1	45.1
169	14.5	10.9	16.3



#56
4-Nitrophenol
Concen: 8.311 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BG039014.D
Acq: 9 Jan 2019 10:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.0	75.6	115.6
65	83.7	81.2	121.2

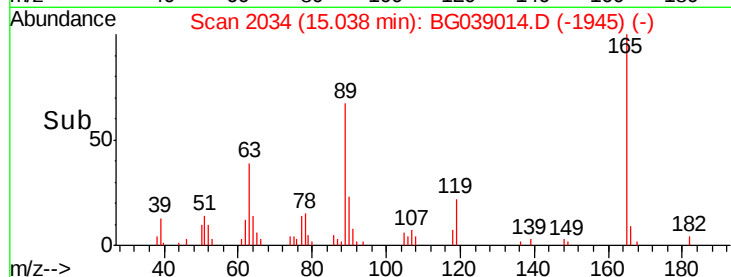
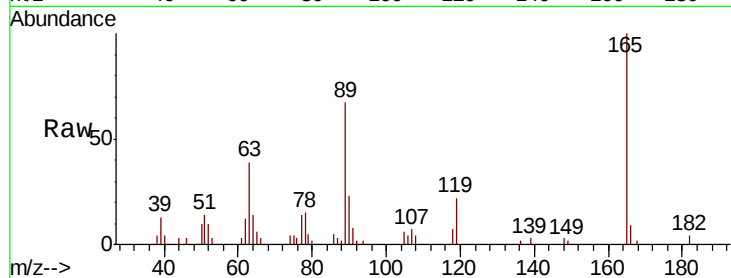




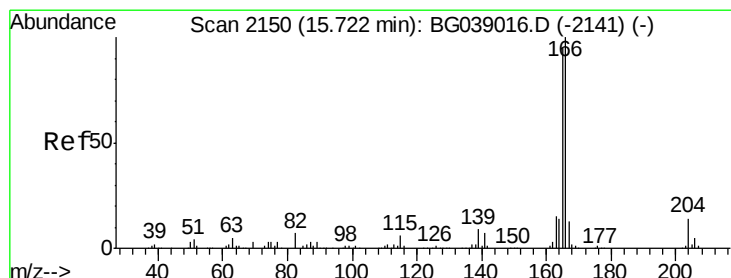
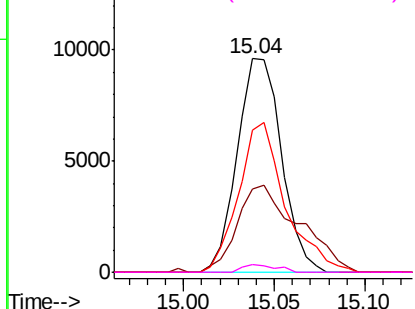
#57
 2,4-Dinitrotoluene
 Concen: 10.484 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BG039014.D
 Acq: 9 Jan 2019 10:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.1	30.2	45.4
89	66.6	53.2	79.8
182	3.6	2.7	4.1

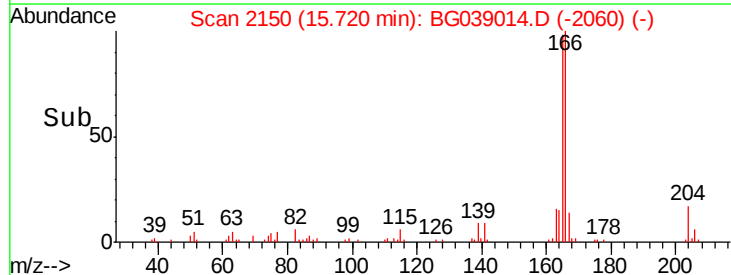
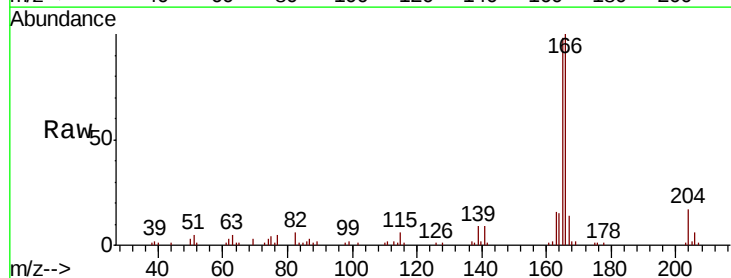


Abundance Ion 165.00 (164.70 to 165.70): E
 15000
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

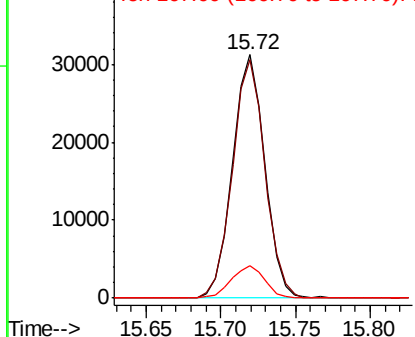


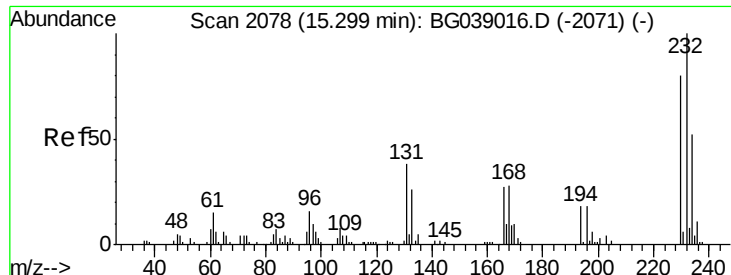
#58
 Fluorene
 Concen: 10.695 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG039014.D
 Acq: 9 Jan 2019 10:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	76.2	114.2
167	13.5	10.6	16.0



Abundance Ion 166.00 (165.70 to 166.70): E
 40000
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

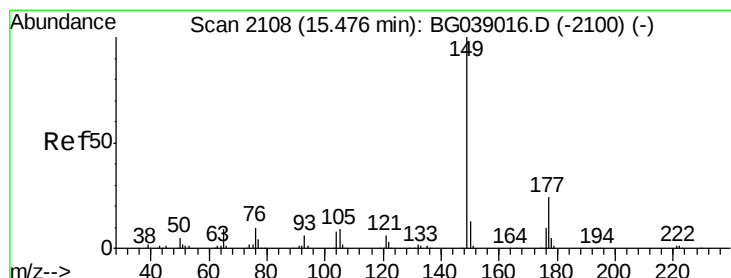
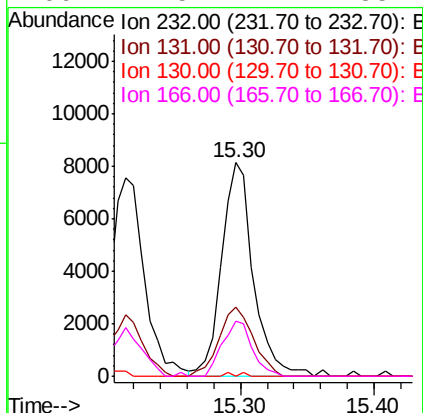
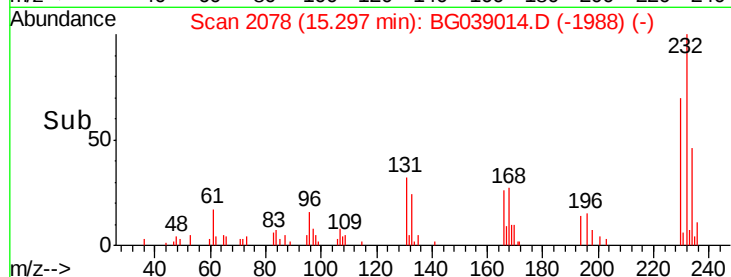
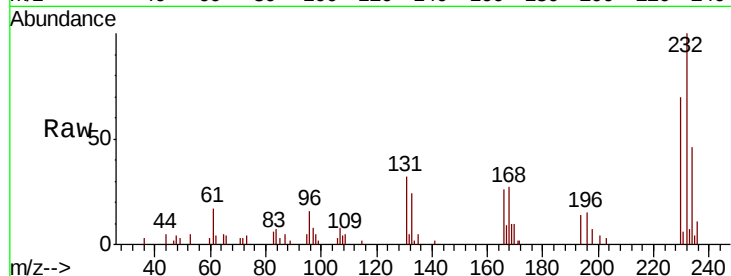




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 10.411 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: BG039014.D
 Acq: 9 Jan 2019 10:21

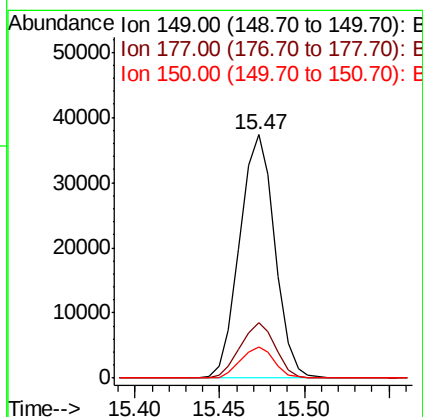
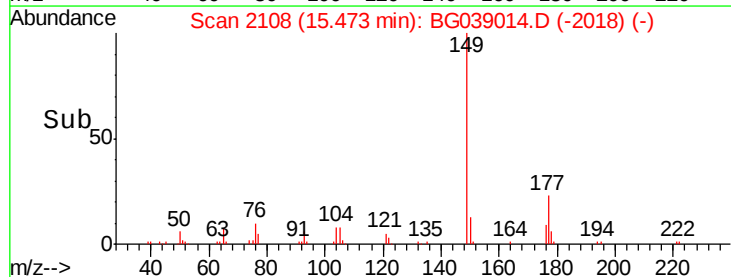
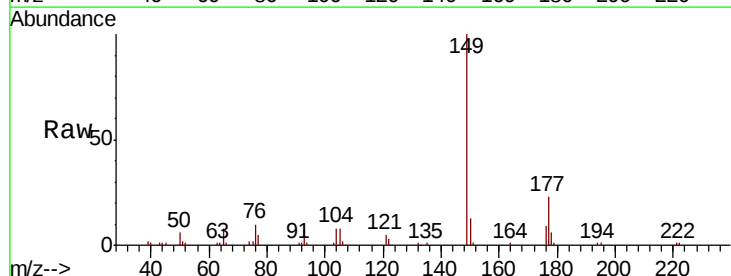
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	34.7	30.9	46.3
130	0.8	1.9	2.9
166	24.5	22.1	33.1



#60
 Diethylphthalate
 Concen: 10.076 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BG039014.D
 Acq: 9 Jan 2019 10:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	19.0	28.6
150	12.9	10.2	15.4

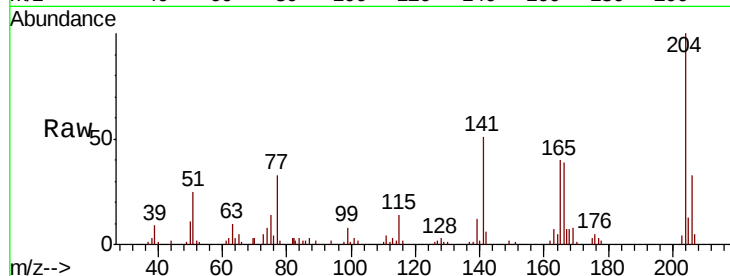




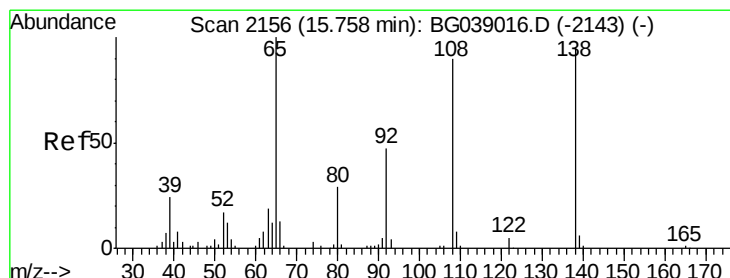
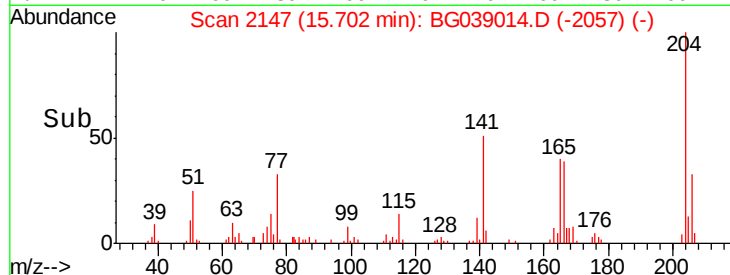
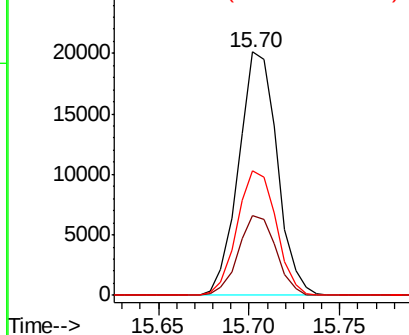
#61
 4-Chlorophenyl-phenylether
 Concen: 10.798 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG039014.D
 Acq: 9 Jan 2019 10:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 29631
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.6 39.8
 141 51.0 41.4 62.0

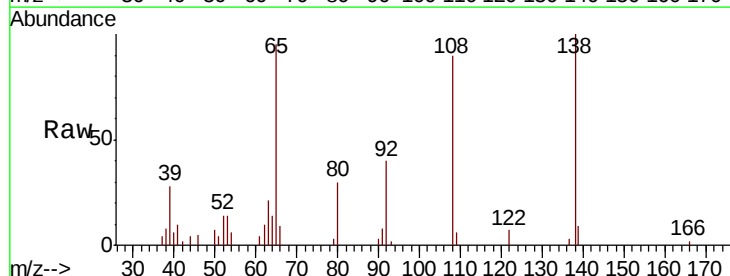


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

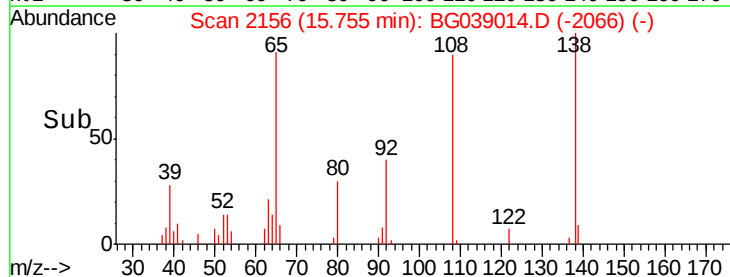
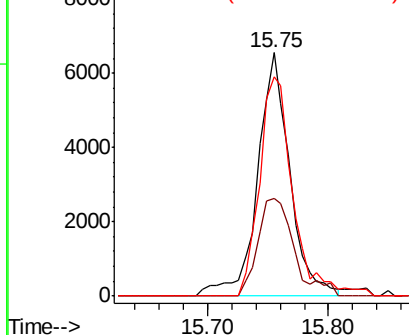


#62
 4-Nitroaniline
 Concen: 10.407 ng
 RT: 15.75 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: BG039014.D
 Acq: 9 Jan 2019 10:21

Tgt Ion:138 Resp: 12092
 Ion Ratio Lower Upper
 138 100
 92 40.3 29.7 69.7
 108 90.2 75.7 115.7



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





#63

Azobenzene

Concen: 9.503 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 42576

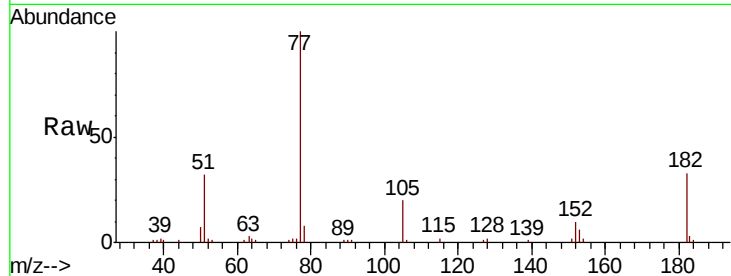
Ion Ratio Lower Upper

77 100

182 33.3 12.2 52.2

105 19.6 1.2 41.2

51 32.3 13.4 53.4

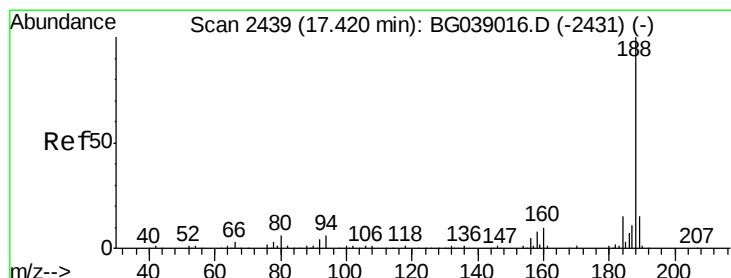
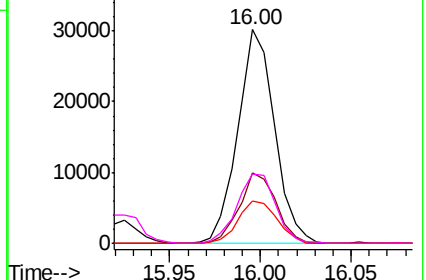
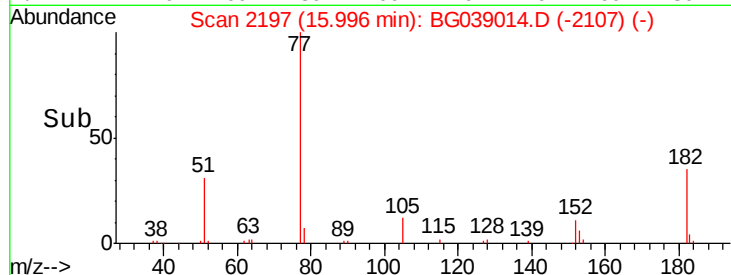


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

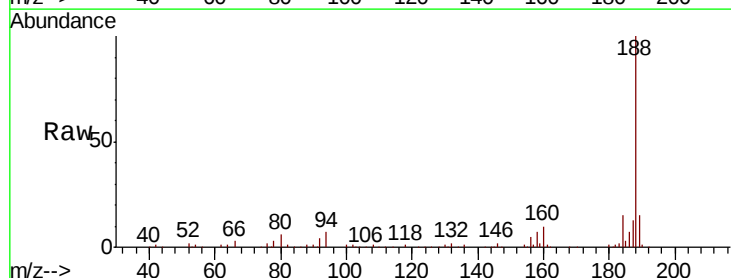
Tgt Ion: 188 Resp: 159782

Ion Ratio Lower Upper

188 100

94 6.9 5.0 7.4

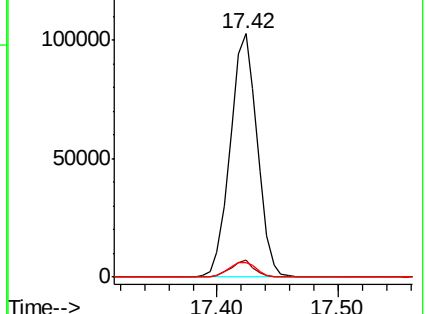
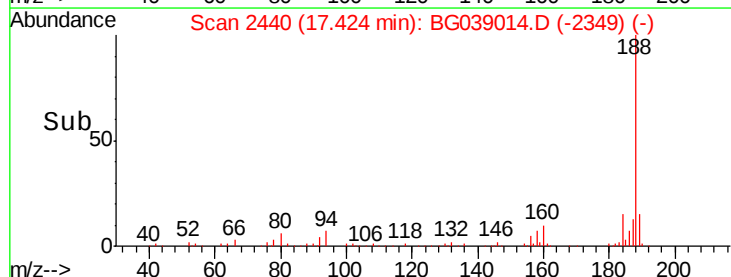
80 6.1 4.7 7.1

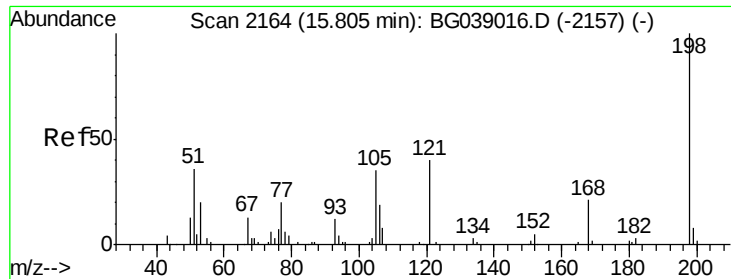


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 9.126 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

Instrument :

BNA_G

ClientSampleId :

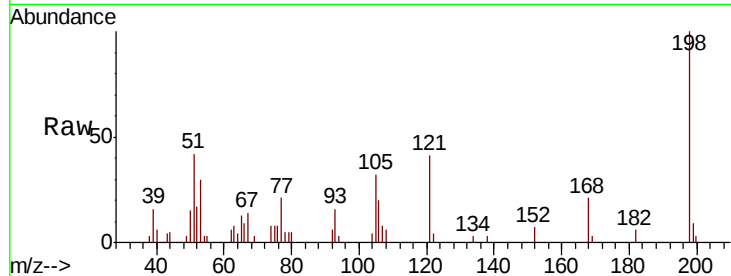
Tot Ion:198 Resp: 10402

Ion Ratio Lower Upper

198 100

51 41.6 20.8 60.8

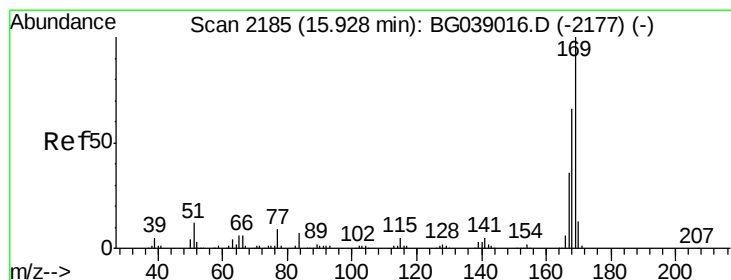
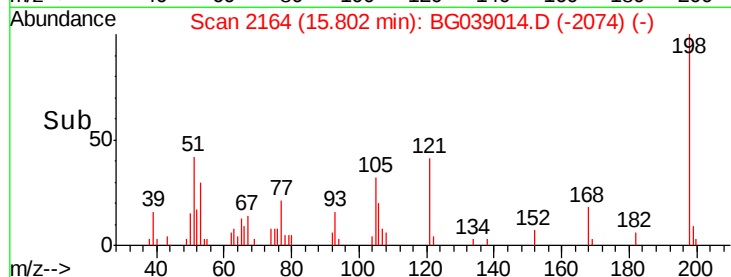
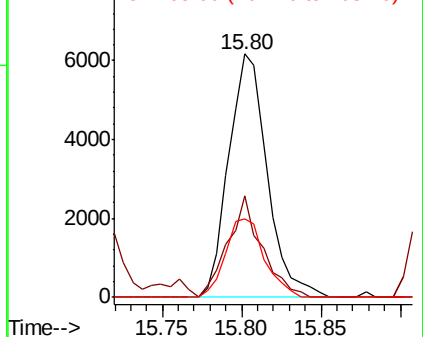
105 32.3 16.1 56.1



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: 10.009 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

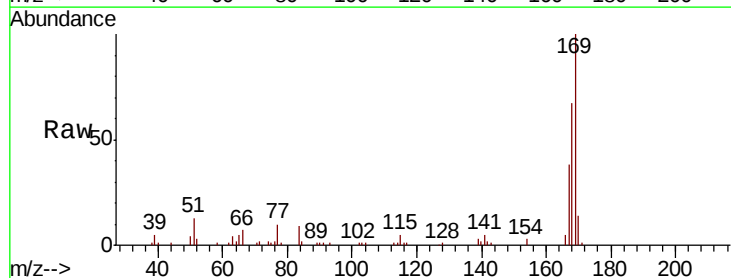
Tgt Ion:169 Resp: 46992

Ion Ratio Lower Upper

169 100

168 66.8 53.2 79.8

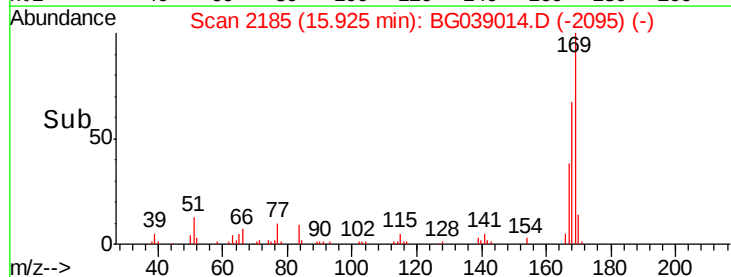
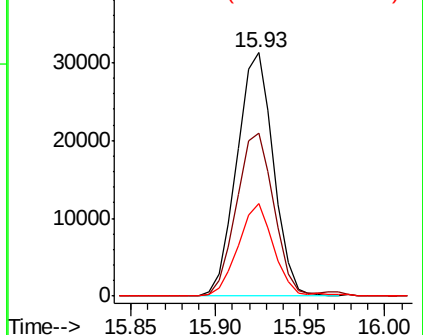
167 38.2 29.1 43.7

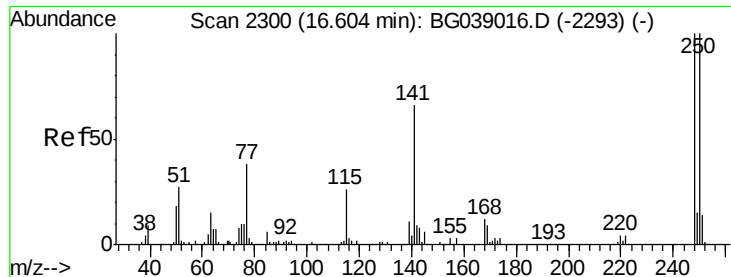


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 10.315 ng

RT: 16.60 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

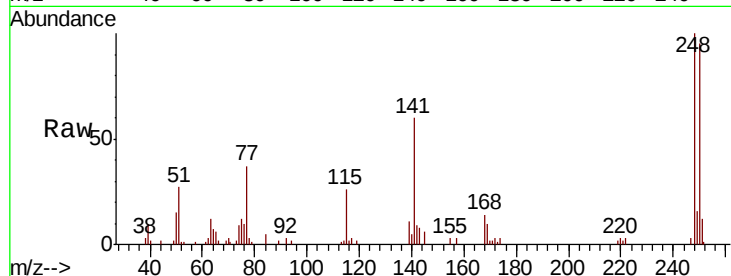
Instrument :

BNA_G

ClientSampleId :

Tot Ion:248 Resp: 20129

Ion	Ratio	Lower	Upper
248	100		
250	94.5	79.9	119.9
141	59.7	52.7	79.1

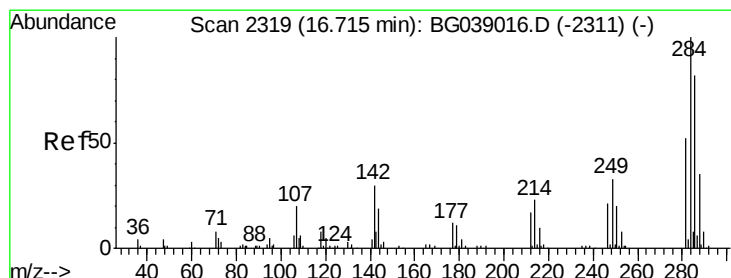
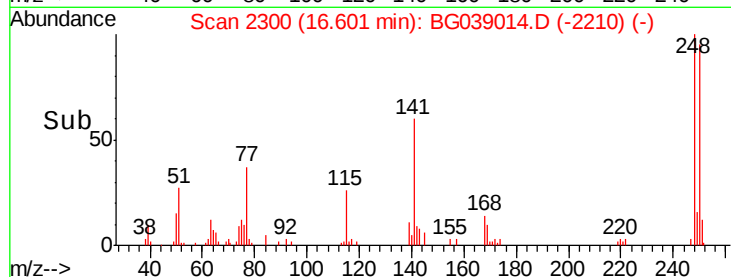
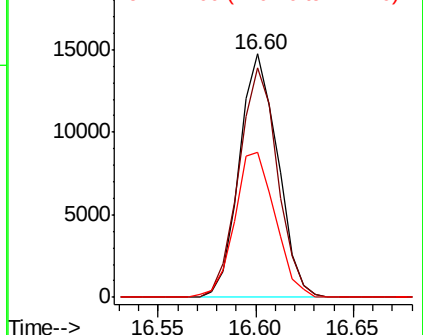


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 10.949 ng

RT: 16.72 min Scan# 2320

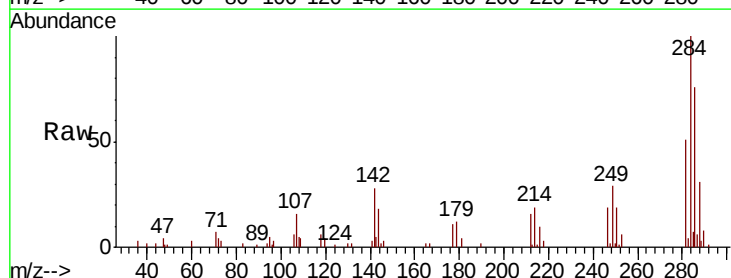
Delta R.T. 0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

Tgt Ion:284 Resp: 22148

Ion	Ratio	Lower	Upper
284	100		
142	28.1	24.3	36.5
249	28.8	27.8	41.8

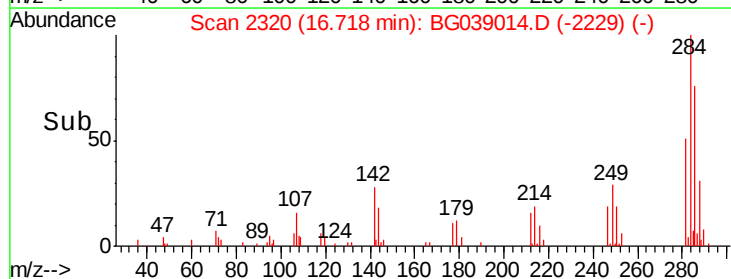
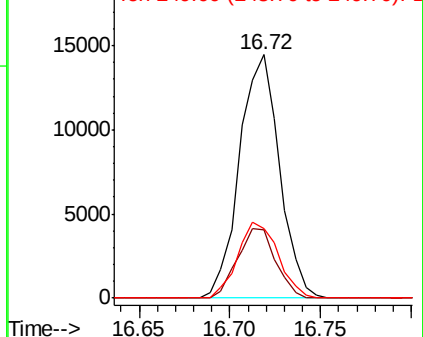


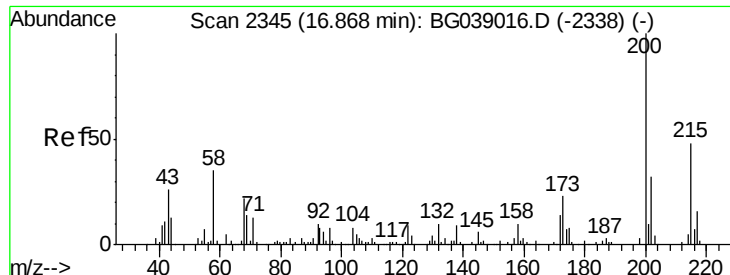
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 11.936 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

Instrument :

BNA_G

ClientSampleId :

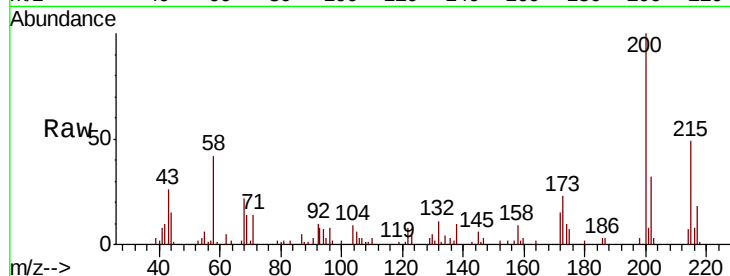
Tot Ion:200 Resp: 20795

Ion Ratio Lower Upper

200 100

173 23.4 2.6 42.6

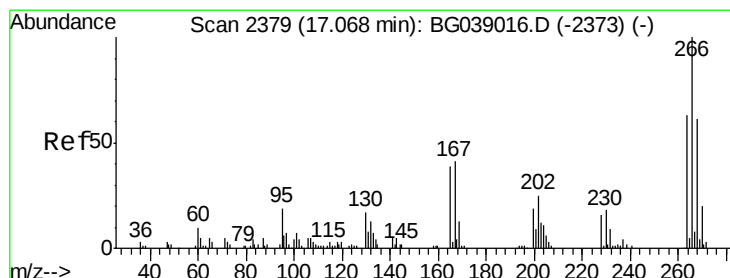
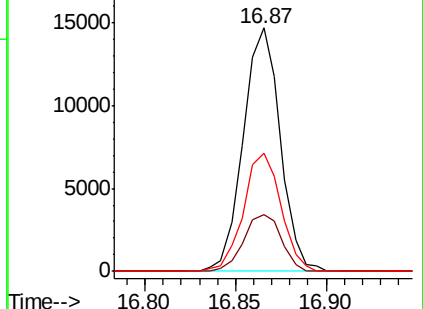
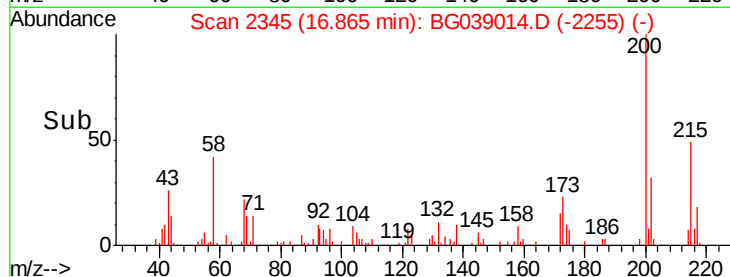
215 48.7 28.0 68.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 6.537 ng

RT: 17.07 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

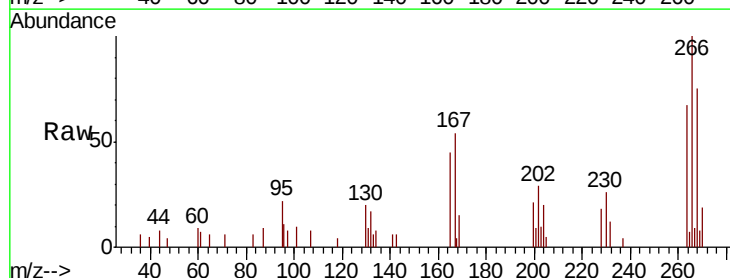
Tgt Ion:266 Resp: 7822

Ion Ratio Lower Upper

266 100

268 83.0 52.0 78.0#

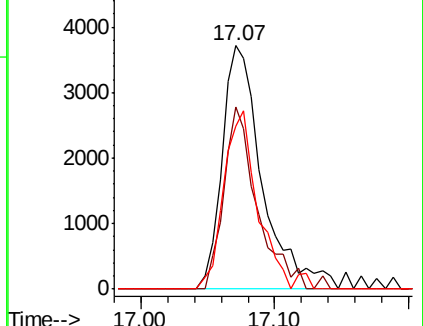
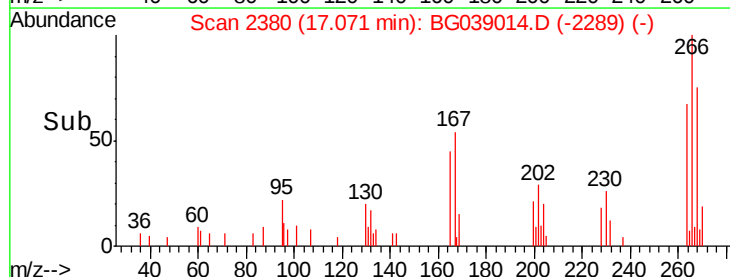
264 74.4 54.6 81.8

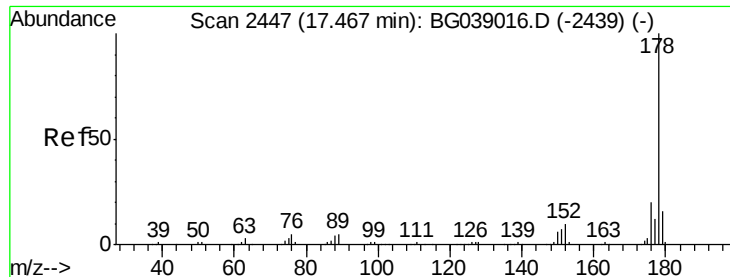


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

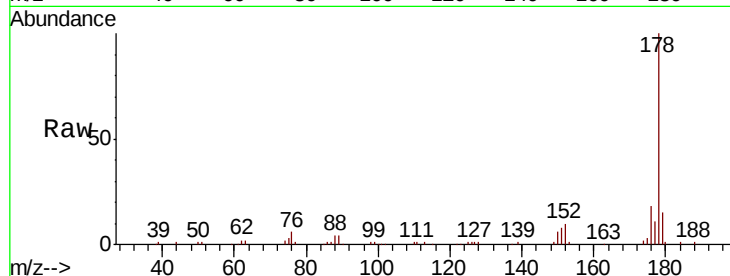




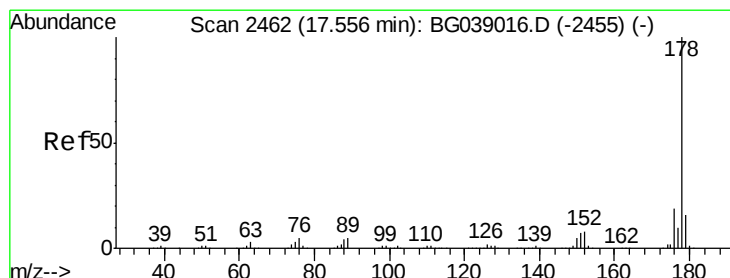
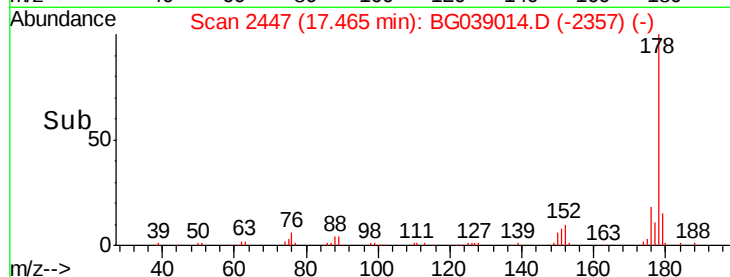
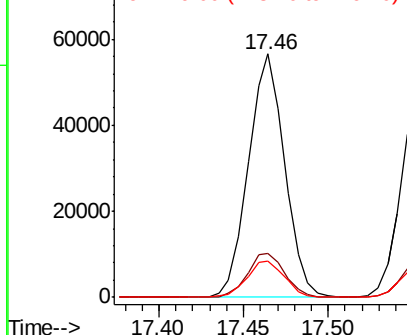
#71
Phenanthrene
Concen: 10.188 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG039014.D
Acq: 9 Jan 2019 10:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 84412
Ion Ratio Lower Upper
178 100
176 18.1 15.7 23.5
179 14.9 12.9 19.3

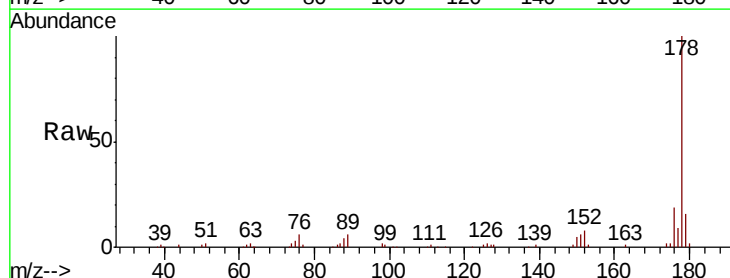


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

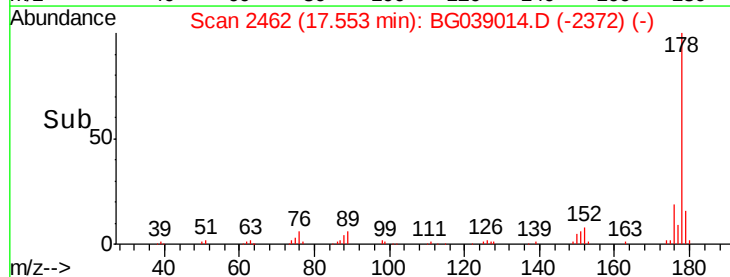
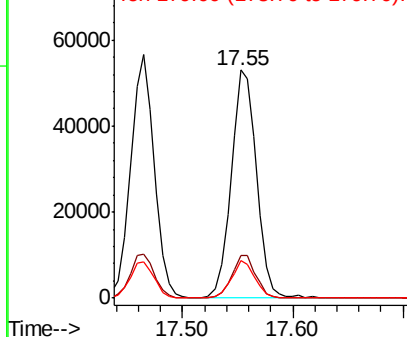


#72
Anthracene
Concen: 10.372 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG039014.D
Acq: 9 Jan 2019 10:21

Tgt Ion:178 Resp: 84839
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 16.5 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

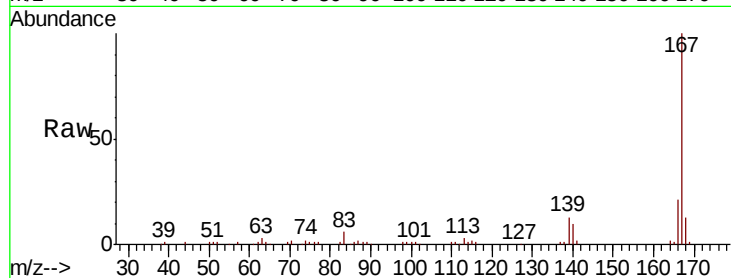




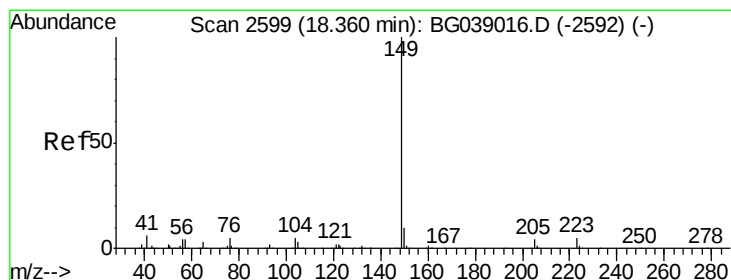
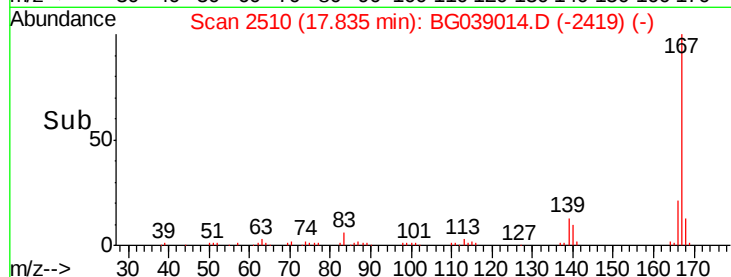
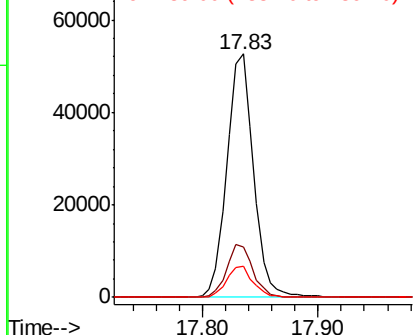
#73
 Carbazole
 Concen: 10.430 ng
 RT: 17.83 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BG039014.D
 Acq: 9 Jan 2019 10:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 84377
 Ion Ratio Lower Upper
 167 100
 166 20.7 16.9 25.3
 139 12.9 10.0 15.0

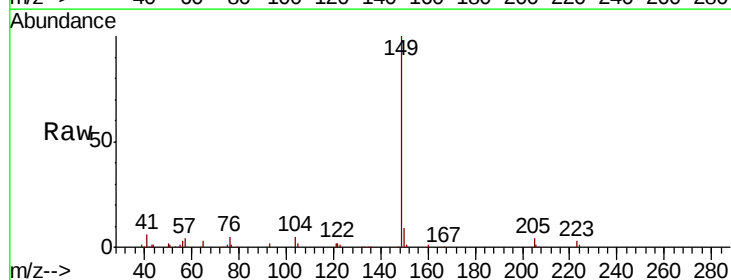


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

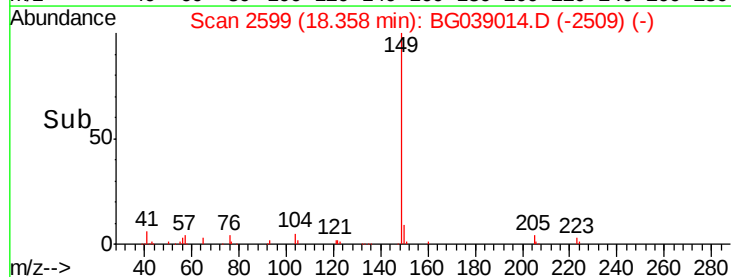
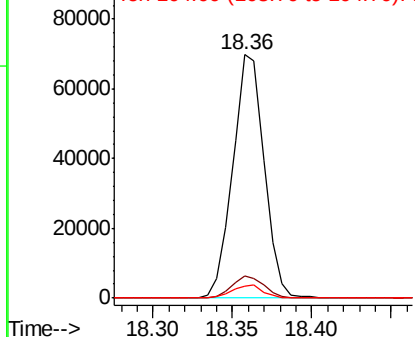


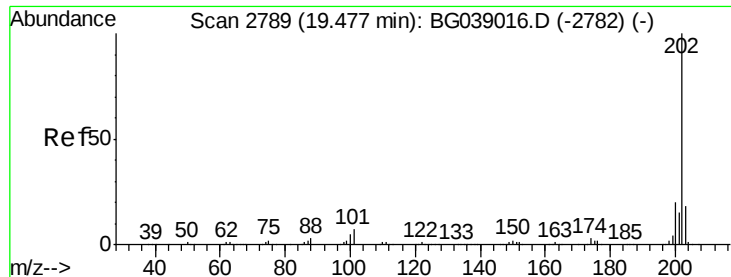
#74
 Di-n-butylphthalate
 Concen: 10.306 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.00 min
 Lab File: BG039014.D
 Acq: 9 Jan 2019 10:21

Tgt Ion:149 Resp: 95661
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.9 11.9
 104 4.8 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 10.670 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

Instrument :

BNA_G

ClientSampleId :

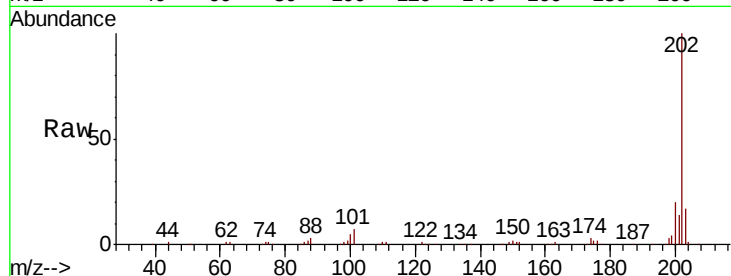
Tot Ion:202 Resp: 109383

Ion Ratio Lower Upper

202 100

101 6.8 0.0 26.9

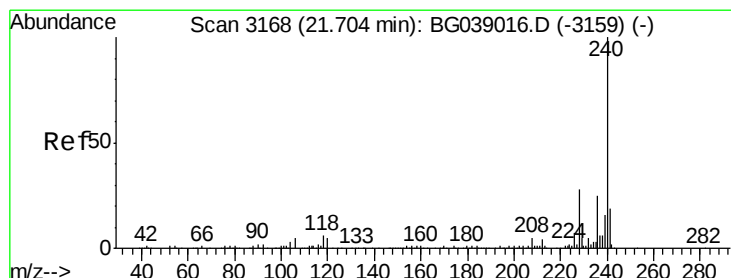
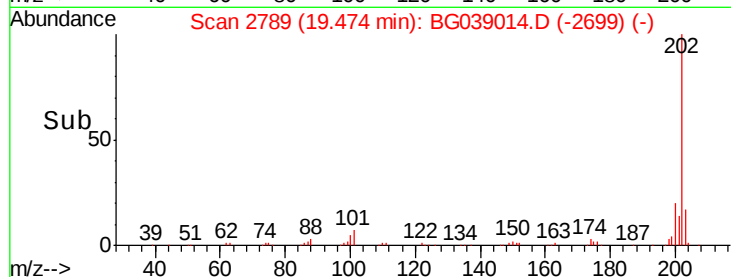
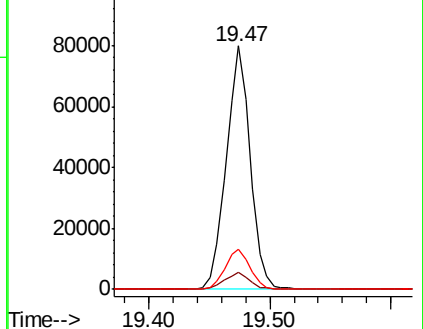
203 16.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

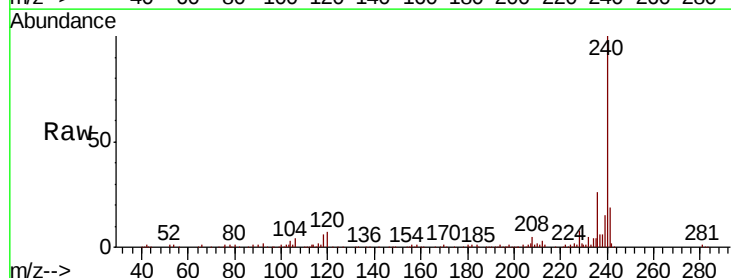
Tgt Ion:240 Resp: 178431

Ion Ratio Lower Upper

240 100

120 6.5 4.3 6.5#

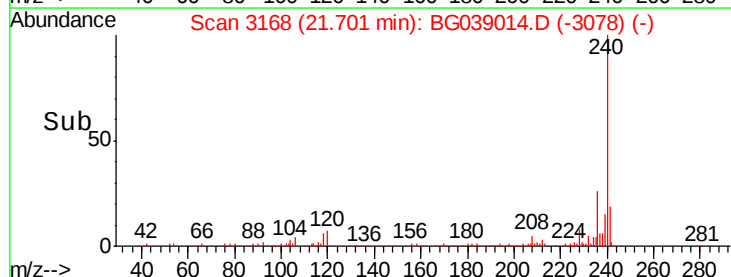
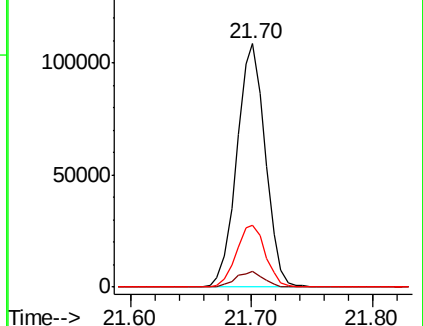
236 25.6 20.1 30.1



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: 10.935 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

Instrument :

BNA_G

ClientSampled :

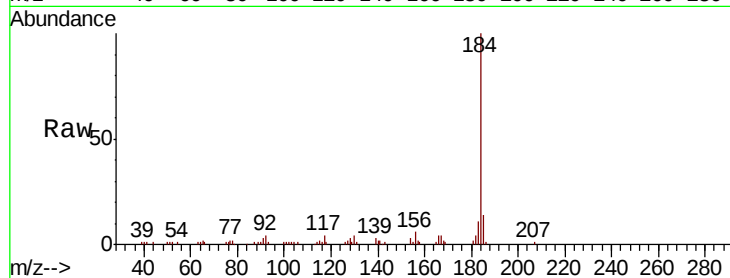
Tot Ion:184 Resp: 57704

Ion Ratio Lower Upper

184 100

185 14.4 12.1 18.1

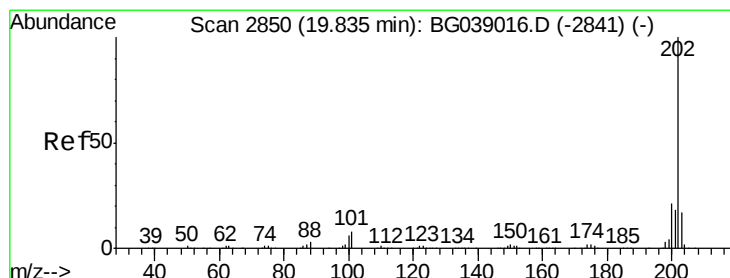
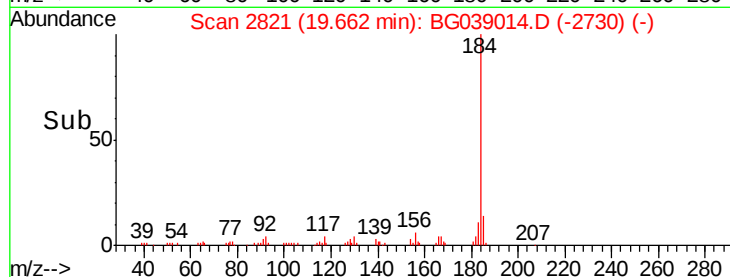
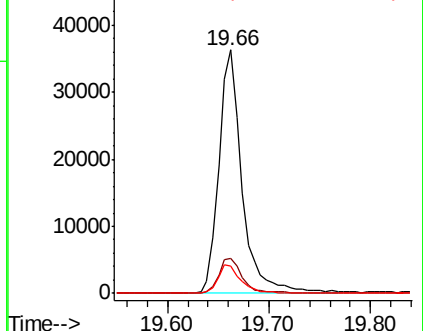
183 11.4 9.5 14.3



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: 9.766 ng

RT: 19.84 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

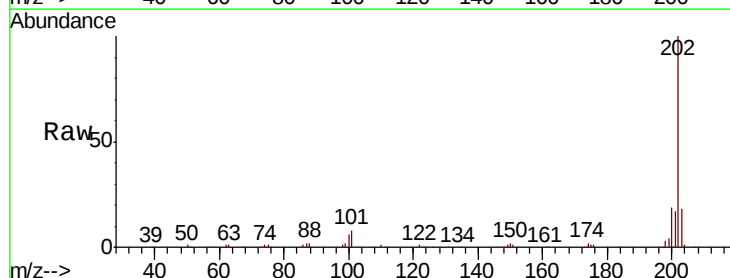
Tgt Ion:202 Resp: 115117

Ion Ratio Lower Upper

202 100

200 19.1 17.0 25.6

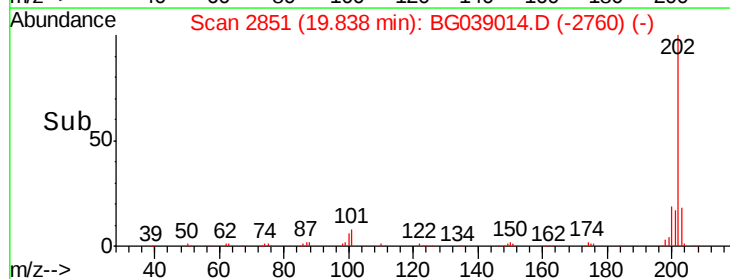
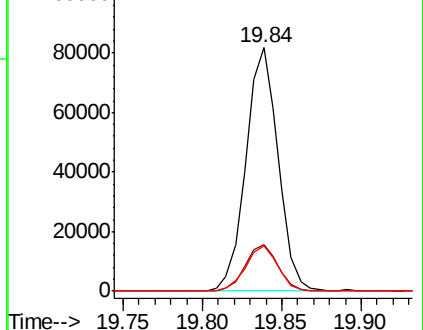
203 18.4 14.0 21.0

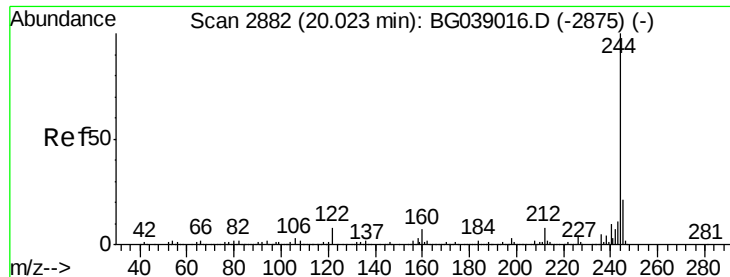


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 24.931 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

Instrument :

BNA_G

ClientSampleId :

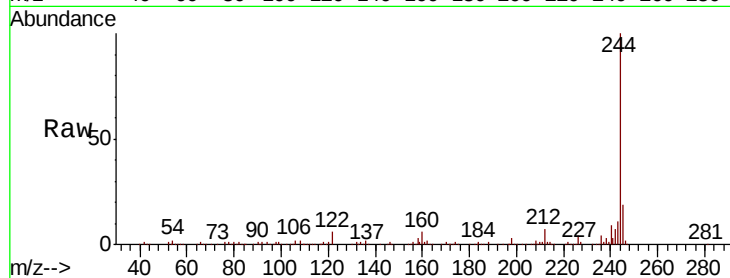
Tot Ion:244 Resp: 204401

Ion Ratio Lower Upper

244 100

212 6.8 6.1 9.1

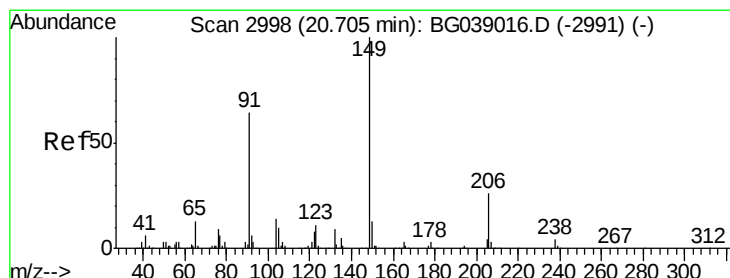
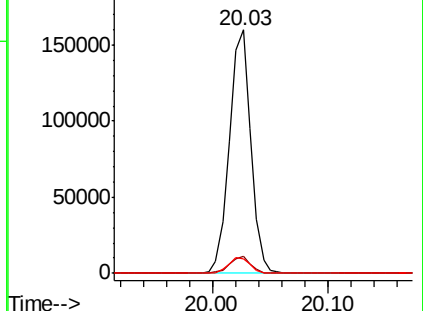
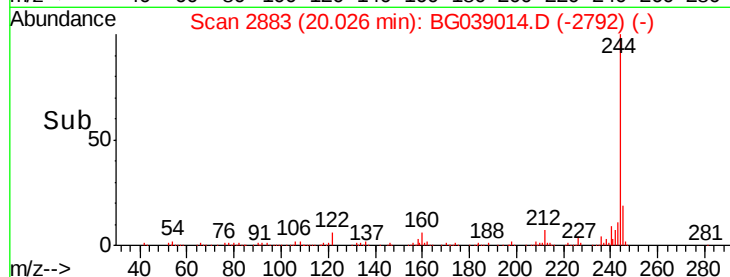
122 6.2 6.1 9.1



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: 9.352 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

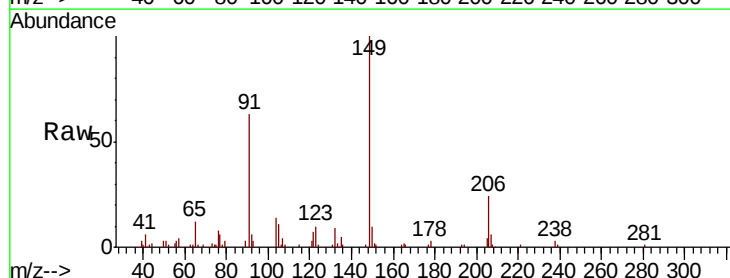
Tgt Ion:149 Resp: 43071

Ion Ratio Lower Upper

149 100

91 62.7 51.4 77.0

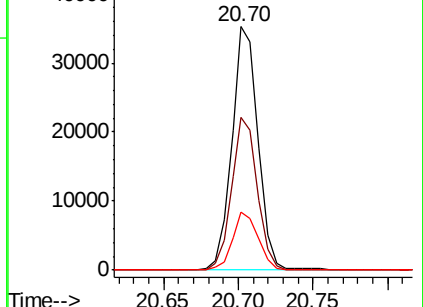
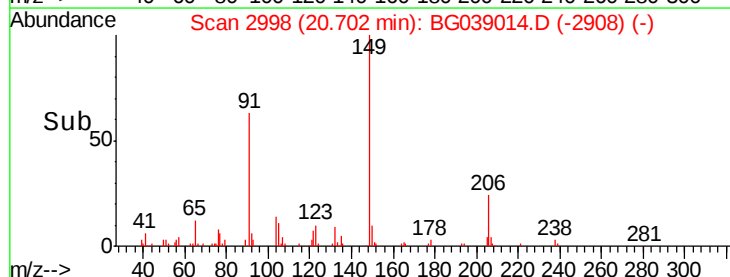
206 23.8 20.4 30.6

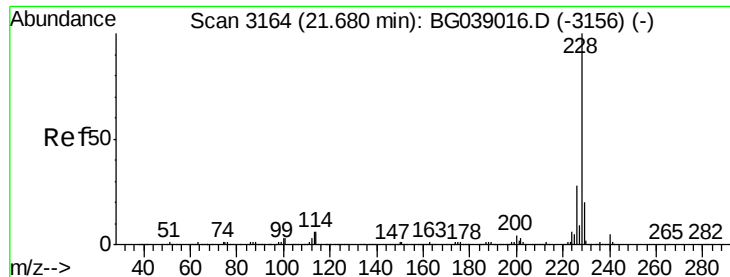


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 10.021 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

Instrument :

BNA_G

ClientSampleId :

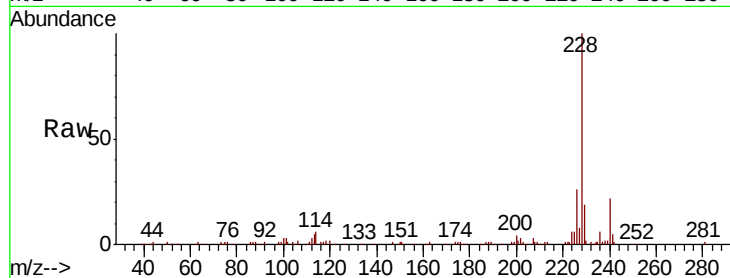
Tot Ion:228 Resp: 108960

Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.4	33.6
229	19.4	16.2	24.2

228 100

226 26.2 22.4 33.6

229 19.4 16.2 24.2

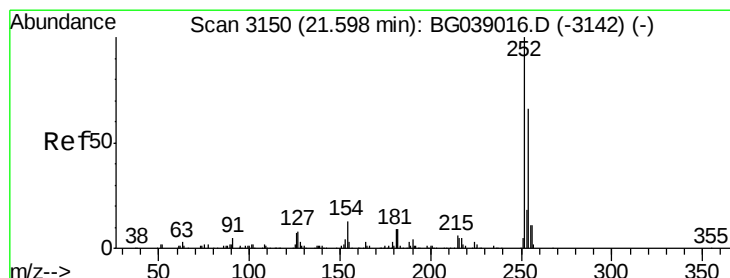
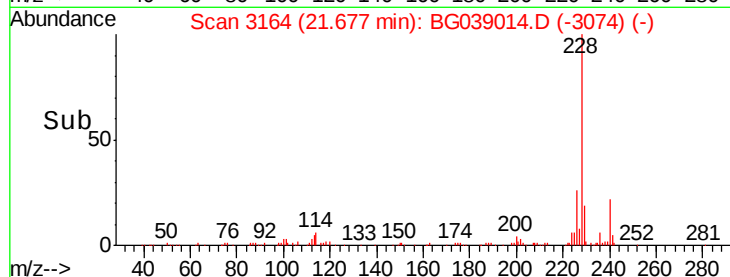
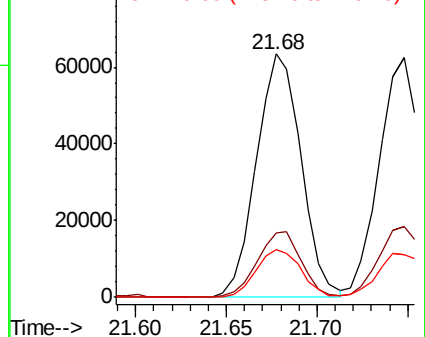


Abundance

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: 10.386 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

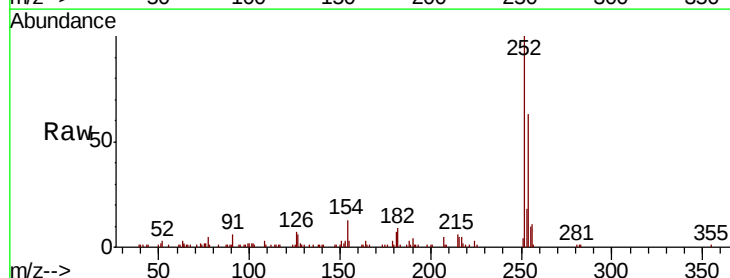
Tgt Ion:252 Resp: 44788

Ion	Ratio	Lower	Upper
252	100		
254	62.9	53.0	79.6
126	6.8	6.0	9.0

252 100

254 62.9 53.0 79.6

126 6.8 6.0 9.0

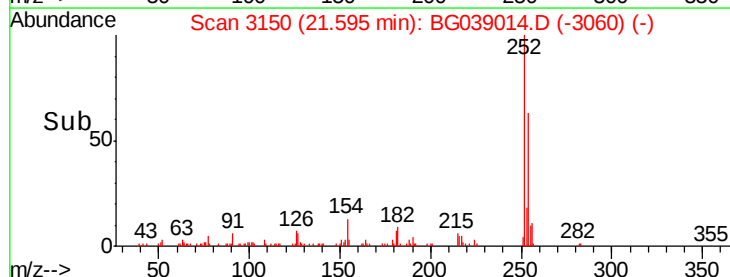
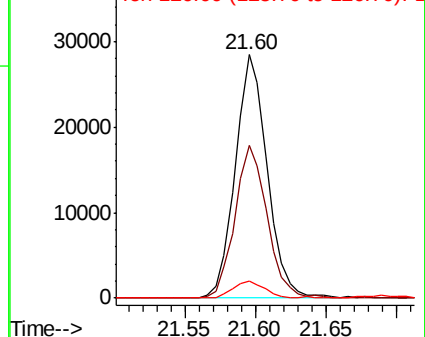


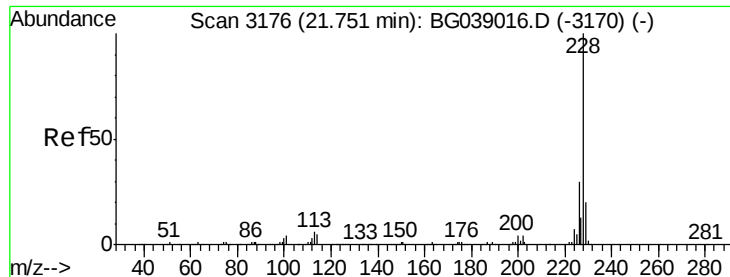
Abundance

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

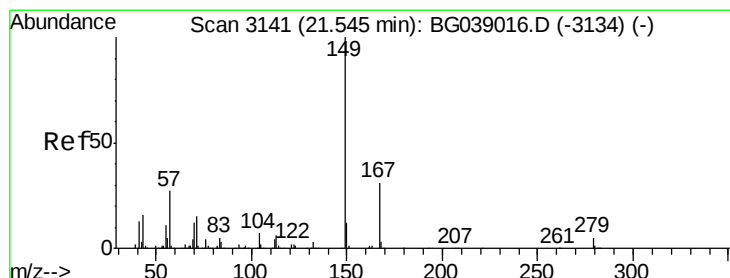
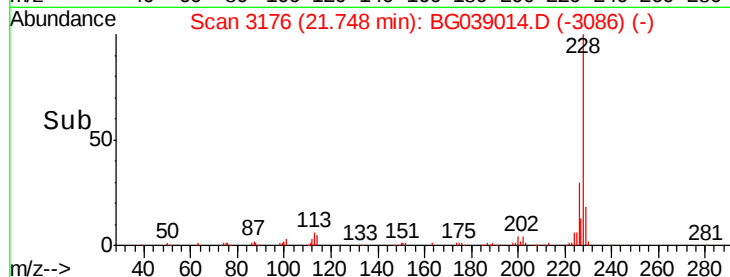
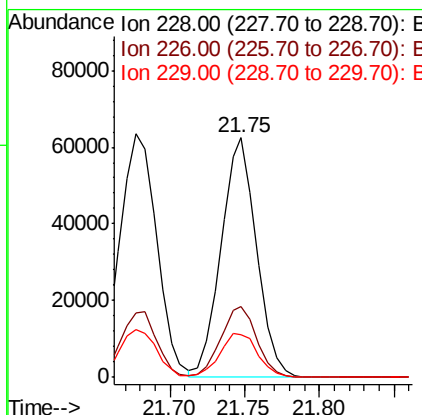
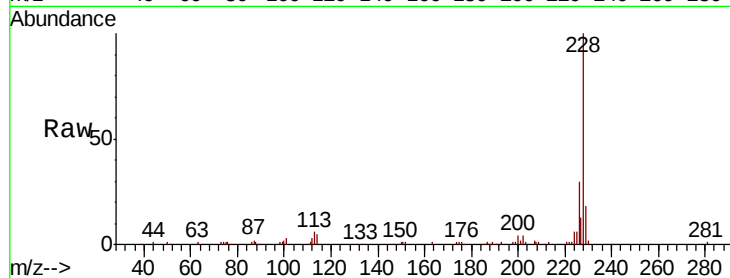




#83
Chrysene
Concen: 9.879 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.00 min
Lab File: BG039014.D
Acq: 9 Jan 2019 10:21

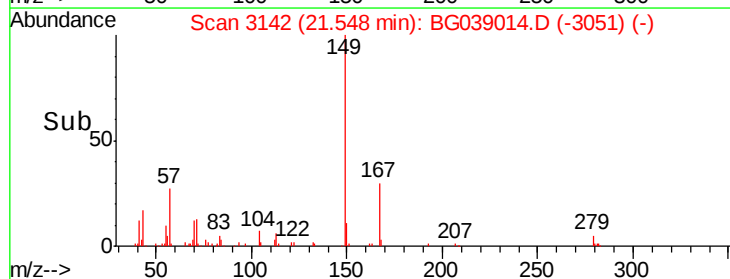
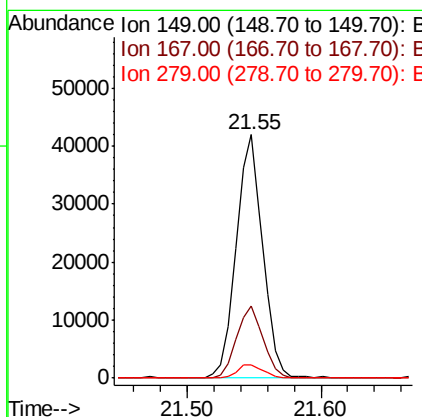
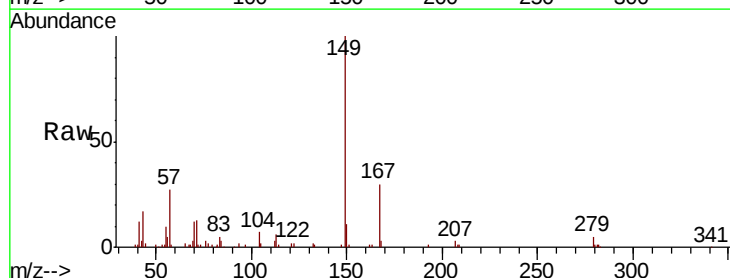
Instrument :
BNA_G
ClientSampleId :

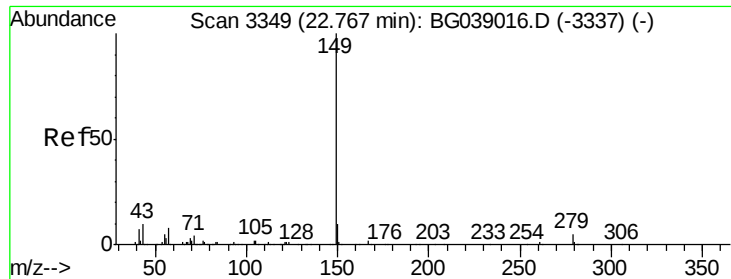
Tot Ion:228 Resp: 103459
Ion Ratio Lower Upper
228 100
226 29.5 24.1 36.1
229 18.0 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.805 ng
RT: 21.55 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG039014.D
Acq: 9 Jan 2019 10:21

Tgt Ion:149 Resp: 57510
Ion Ratio Lower Upper
149 100
167 29.7 25.0 37.4
279 5.3 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 8.954 ng

RT: 22.76 min Scan# 3349

Delta R.T. -0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

Instrument :

BNA_G

ClientSampleId :

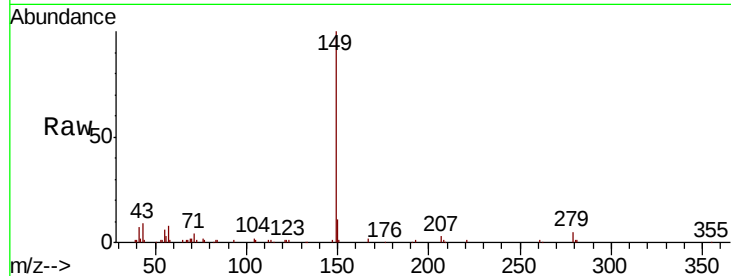
Tot Ion:149 Resp: 97945

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

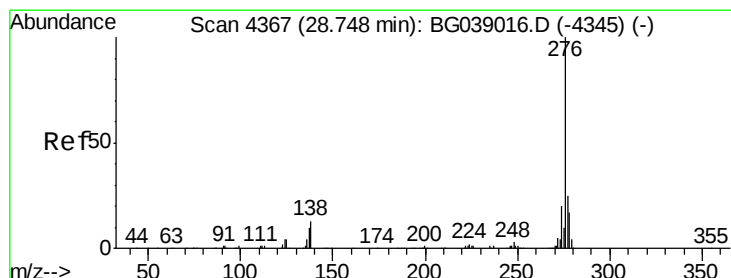
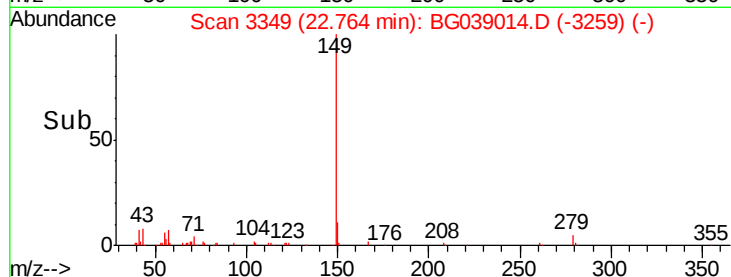
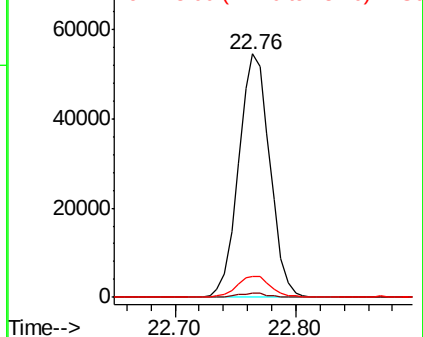
43 9.6 7.5 11.3



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: 9.649 ng

RT: 28.73 min Scan# 4365

Delta R.T. -0.01 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

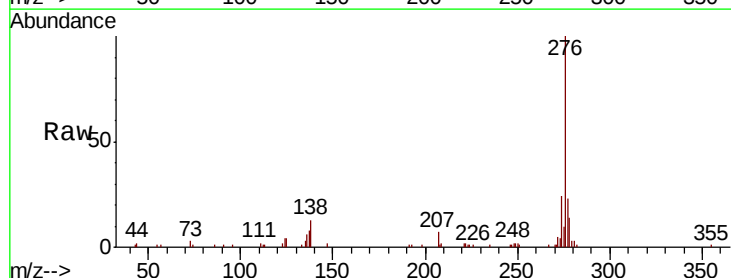
Tgt Ion:276 Resp: 118806

Ion Ratio Lower Upper

276 100

138 8.3 8.0 12.0

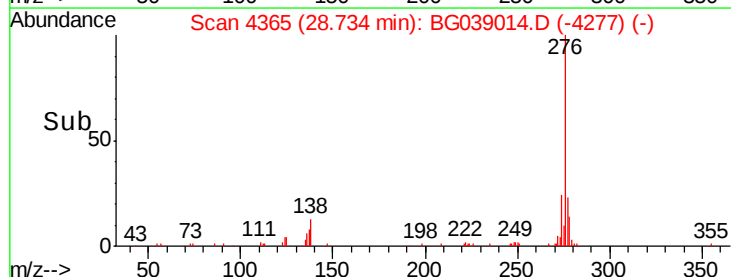
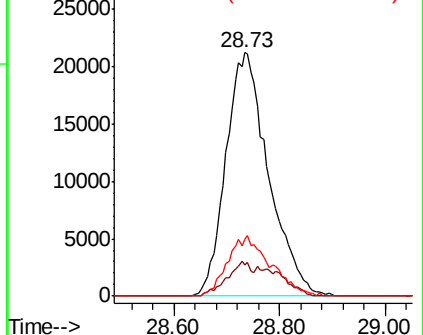
277 24.8 20.3 30.5

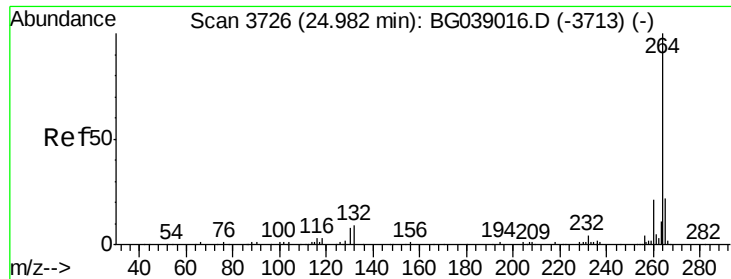


Abundance Ion 276.00 (275.70 to 276.70): E

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: BG039014.D

Acq: 9 Jan 2019 10:21

Instrument :

BNA_G

ClientSampleId :

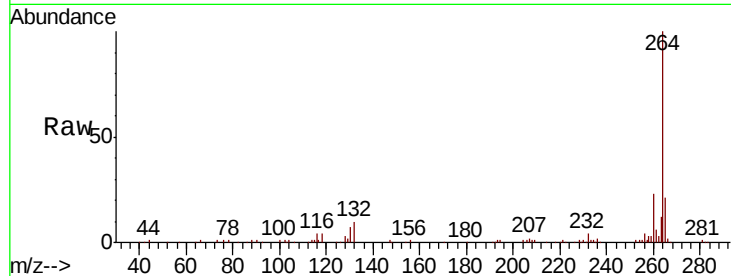
Tot Ion:264 Resp: 189061

Ion Ratio Lower Upper

264 100

260 23.0 17.0 25.6

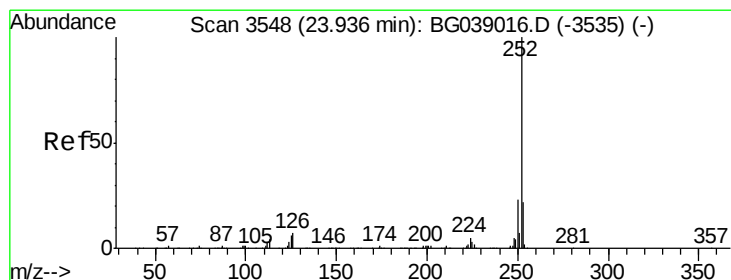
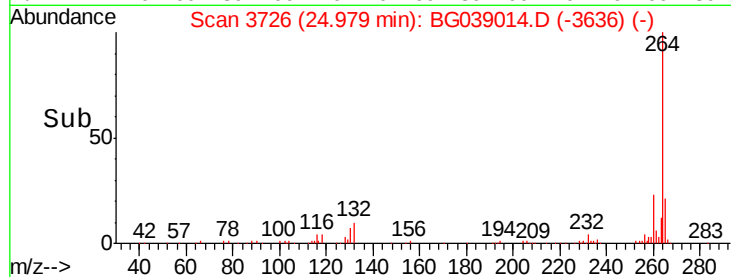
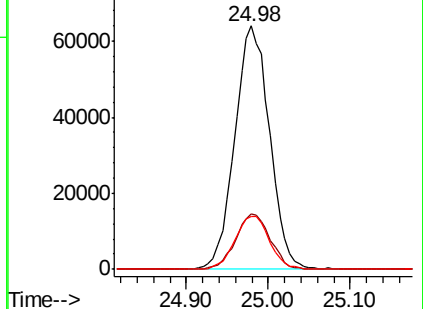
265 21.5 17.2 25.8



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: 9.822 ng

RT: 23.93 min Scan# 3547

Delta R.T. -0.01 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

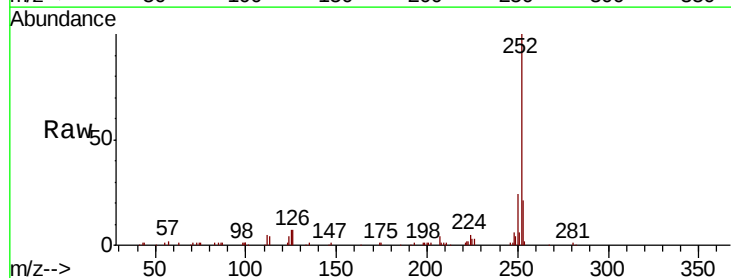
Tgt Ion:252 Resp: 101953

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.6

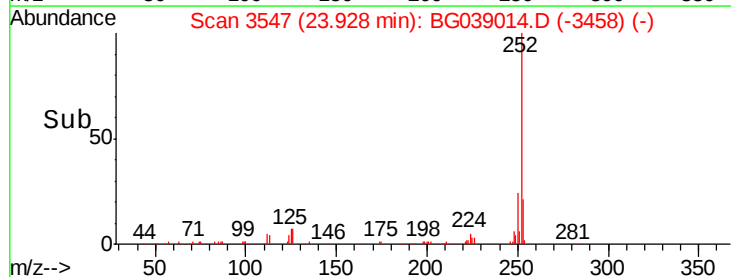
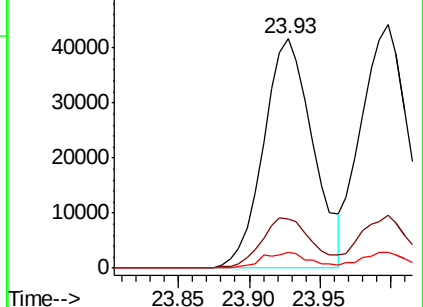
125 6.9 4.9 7.3

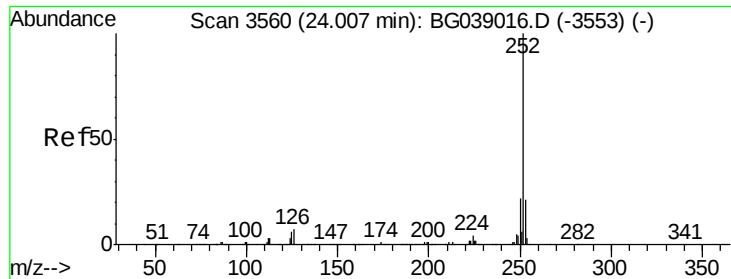


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 10.104 ng

RT: 24.00 min Scan# 3559

Delta R.T. -0.01 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

Instrument :

BNA_G

ClientSampled :

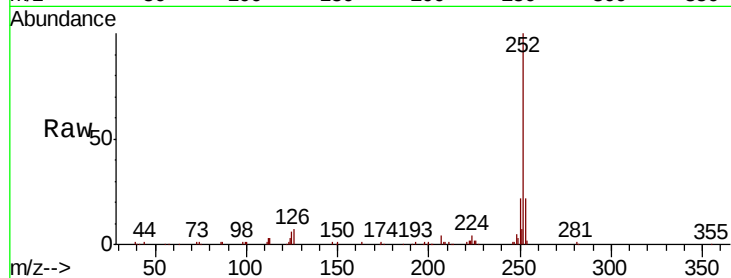
Tot Ion:252 Resp: 104443

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 6.2 4.6 7.0

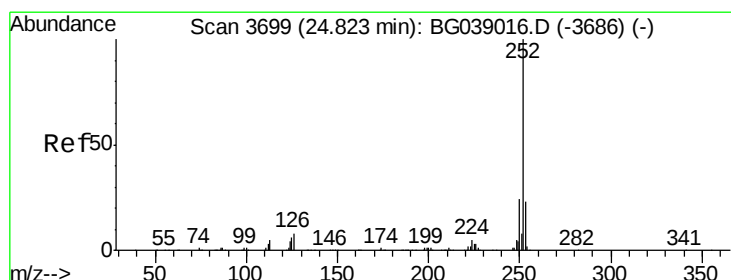
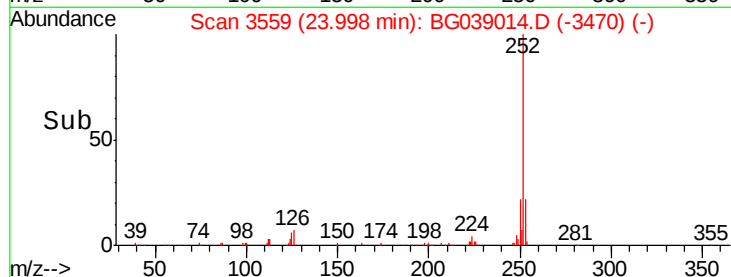
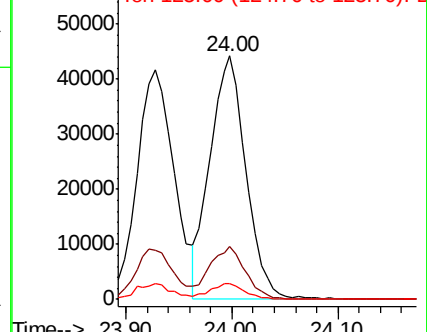


Abundance

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: 9.940 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.00 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

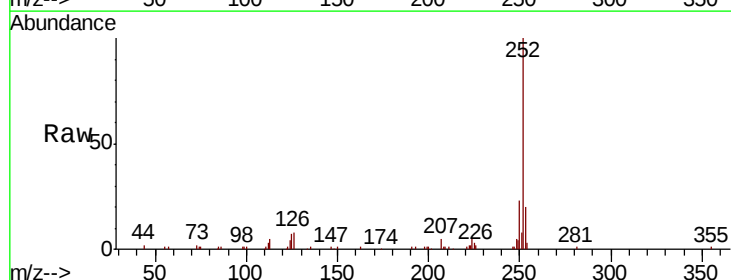
Tgt Ion:252 Resp: 99543

Ion Ratio Lower Upper

252 100

253 20.2 18.3 27.5

125 7.3 4.9 7.3#

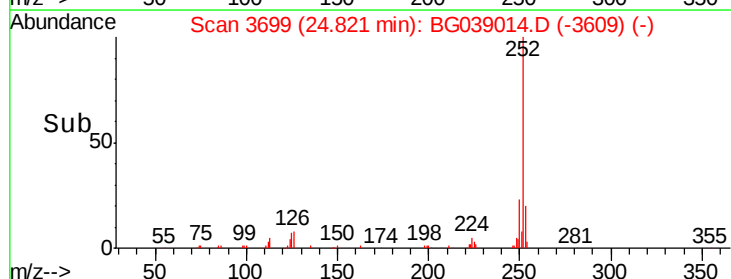
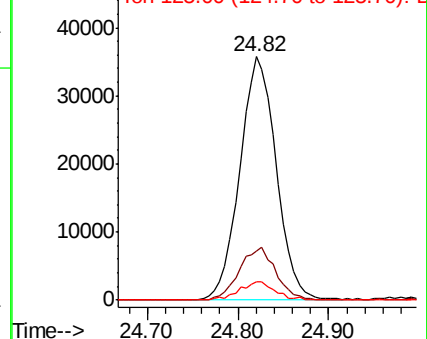


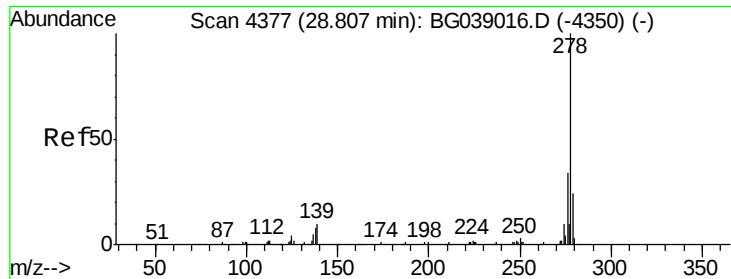
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 10.008 ng

RT: 28.79 min Scan# 4375

Delta R.T. -0.01 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

Instrument :

BNA_G

ClientSampleId :

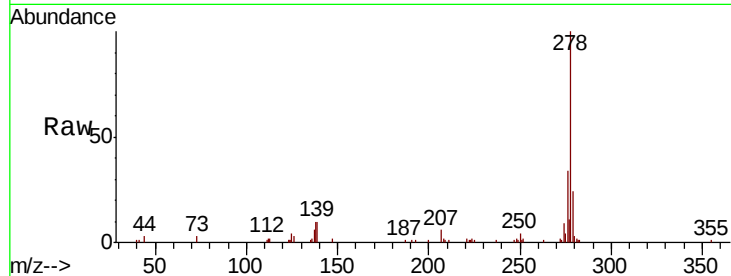
Tot Ion:278 Resp: 99789

Ion Ratio Lower Upper

278 100

139 10.2 7.9 11.9

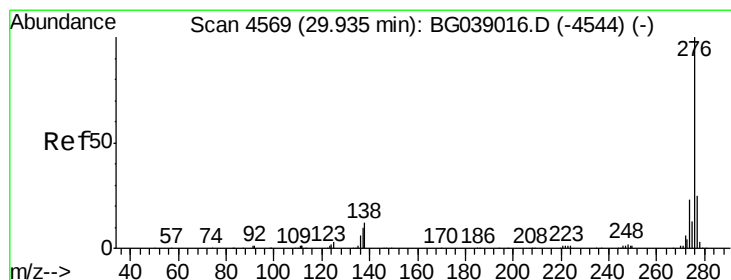
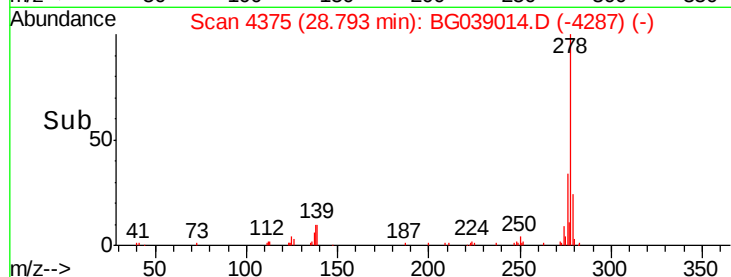
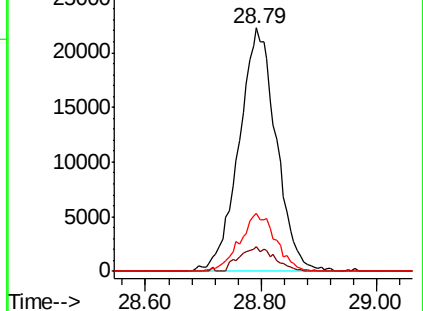
279 24.0 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 9.781 ng

RT: 29.93 min Scan# 4568

Delta R.T. -0.01 min

Lab File: BG039014.D

Acq: 9 Jan 2019 10:21

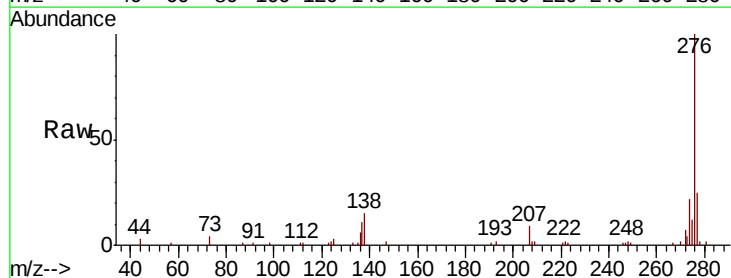
Tgt Ion:276 Resp: 96107

Ion Ratio Lower Upper

276 100

277 25.5 20.3 30.5

138 14.6 9.4 14.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

