

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039032.D
 Acq On : 9 Jan 2019 22:26
 Operator : JU/SJ
 Sample : K1082-07MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 04:23:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	21158	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	92374	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	66918	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	172018	20.00	ng	0.00
76) Chrysene-d12	21.70	240	173828	20.00	ng	0.00
87) Perylene-d12	24.98	264	191433	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	119059	106.75	ng	0.00
7) Phenol-d6	7.19	99	172962	107.76	ng	0.00
23) Nitrobenzene-d5	9.21	82	101791	60.30	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	105845	94.36	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	284936	58.27	ng	0.00
79) Terphenyl-d14	20.02	244	533248	56.75	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.45	88	10070	23.055	ng	# 87
3) Pyridine	3.87	79	29029	24.460	ng	92
4) n-Nitrosodimethylamine	3.78	42	18154	33.993	ng	92
6) Aniline	7.36	93	41961	21.767	ng	95
8) 2-Chlorophenol	7.59	128	44579	33.906	ng	95
9) Benzaldehyde	7.17	77	14741	15.925	ng	94
10) Phenol	7.22	94	60200	37.408	ng	99
11) bis(2-Chloroethyl)ether	7.45	93	36856	29.965	ng	96
12) 1,3-Dichlorobenzene	7.91	146	46120	29.278	ng	99
13) 1,4-Dichlorobenzene	8.06	146	48106	30.154	ng	98
14) 1,2-Dichlorobenzene	8.38	146	45244	29.744	ng	93
15) Benzyl Alcohol	8.27	79	40924	33.855	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	72379	30.689	ng	96
17) 2-Methylphenol	8.47	107	39865	35.675	ng	96
18) Hexachloroethane	9.11	117	16057	29.626	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	31800	30.169	ng	98
20) 3+4-Methylphenols	8.80	107	55468	34.816	ng	98
22) Acetophenone	8.86	105	68273	28.301	ng	# 97
24) Nitrobenzene	9.25	77	49850	29.215	ng	# 97
25) Isophorone	9.76	82	95866	32.967	ng	96
26) 2-Nitrophenol	9.96	139	27965	30.300	ng	96
27) 2,4-Dimethylphenol	10.01	122	46347	35.694	ng	87
28) bis(2-Chloroethoxy)methane	10.25	93	54820	31.368	ng	99
29) 2,4-Dichlorophenol	10.49	162	54619	33.860	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	56523	29.163	ng	98
31) Naphthalene	10.90	128	146992	31.727	ng	99
32) Benzoic acid	10.16	122	3984	13.455	ng	# 75
33) 4-Chloroaniline	11.02	127	38337	18.493	ng	97
34) Hexachlorobutadiene	11.16	225	37342	28.000	ng	97
35) Caprolactam	11.79	113	8664	13.394	ng	96
36) 4-Chloro-3-methylphenol	12.13	107	56754	32.895	ng	87
37) 2-Methylnaphthalene	12.50	142	113360	32.636	ng	97
38) 1-Methylnaphthalene	12.72	142	110403	33.114	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	74173	29.514	ng	99

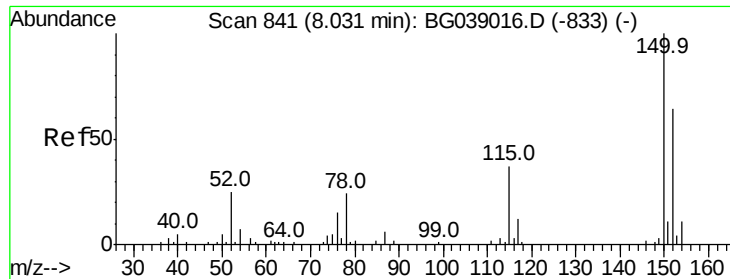
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039032.D
 Acq On : 9 Jan 2019 22:26
 Operator : JU/SJ
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	72454	53.254	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	50907	32.185	ng	96
44) 2,4,5-Trichlorophenol	13.18	196	55647	33.287	ng	98
46) 1,1'-Biphenyl	13.50	154	156059	29.432	ng	99
47) 2-Chloronaphthalene	13.55	162	126979	29.593	ng	99
48) 2-Nitroaniline	13.77	65	36535	30.393	ng	95
49) Acenaphthylene	14.39	152	209043	32.413	ng	99
50) Dimethylphthalate	14.12	163	253420	44.814	ng	99
51) 2,6-Dinitrotoluene	14.25	165	38866	30.742	ng	96
52) Acenaphthene	14.74	154	120946	31.212	ng	98
53) 3-Nitroaniline	14.59	138	25722	20.056	ng	# 99
54) 2,4-Dinitrophenol	14.80	184	42234	57.498	ng	95
55) Dibenzofuran	15.07	168	210038	30.691	ng	99
56) 4-Nitrophenol	14.90	139	60746	65.827	ng	98
57) 2,4-Dinitrotoluene	15.04	165	56700	31.260	ng	95
58) Fluorene	15.72	166	171838	33.358	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.30	232	52878	33.508	ng	98
60) Diethylphthalate	15.48	149	176142	30.232	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	94583	29.144	ng	99
62) 4-Nitroaniline	15.76	138	40241	30.119	ng	98
63) Azobenzene	16.00	77	137551	30.189	ng	95
65) 4,6-Dinitro-2-methylphenol	15.81	198	36958	29.000	ng	88
66) n-Nitrosodiphenylamine	15.92	169	153240	30.050	ng	96
67) 4-Bromophenyl-phenylether	16.60	248	63871	28.885	ng	96
68) Hexachlorobenzene	16.72	284	71173	29.498	ng	97
69) Atrazine	16.87	200	64988	29.999	ng	94
70) Pentachlorophenol	17.07	266	72875	51.139	ng	96
71) Phenanthrene	17.46	178	295570	32.508	ng	99
72) Anthracene	17.56	178	301256	33.510	ng	99
73) Carbazole	17.83	167	268804	30.289	ng	99
74) Di-n-butylphthalate	18.36	149	304304	30.823	ng	100
75) Fluoranthene	19.47	202	380931	33.796	ng	100
77) Benzidine	19.66	184	172644	32.472	ng	99
78) Pyrene	19.84	202	374517	33.808	ng	99
80) Butylbenzylphthalate	20.71	149	134352	31.887	ng	98
81) Benzo(a)anthracene	21.68	228	355424	33.588	ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	81157	18.823	ng	96
83) Chrysene	21.75	228	328584	32.649	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	185693	31.741	ng	97
85) Di-n-octyl phthalate	22.77	149	321602	32.510	ng	100
86) Indeno(1,2,3-cd)pyrene	28.74	276	408467	33.966	ng	98
88) Benzo(b)fluoranthene	23.93	252	357145	33.835	ng	98
89) Benzo(k)fluoranthene	24.00	252	333169	31.923	ng	99
90) Benzo(a)pyrene	24.82	252	344396	33.755	ng	98
91) Dibenzo(a,h)anthracene	28.81	278	334762	32.987	ng	98
92) Benzo(g,h,i)perylene	29.93	276	334976	33.342	ng	98

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

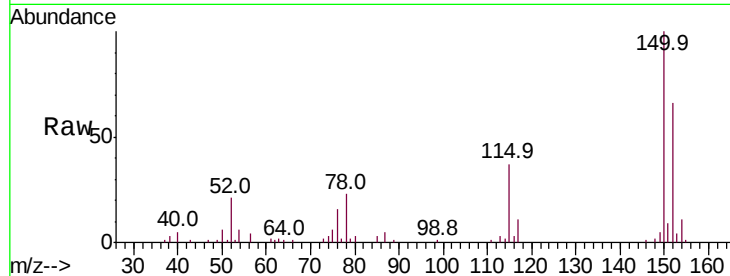


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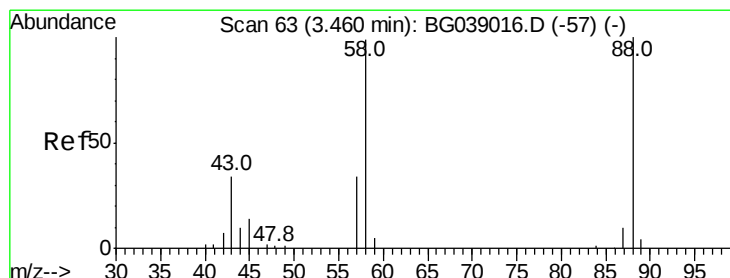
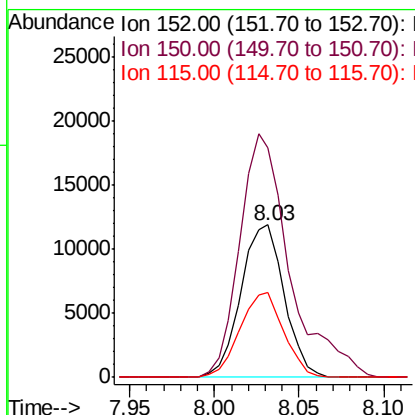
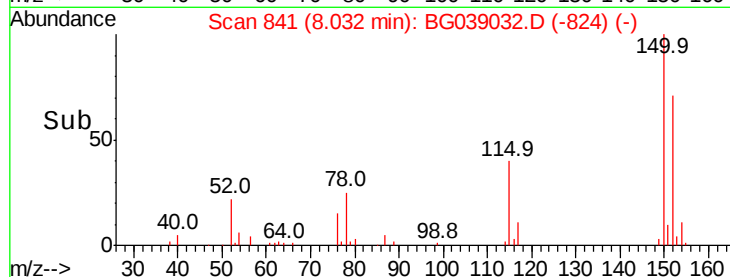
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 21158
Ion Ratio Lower Upper
152 100
150 151.0 124.7 187.1
115 56.1 46.5 69.7



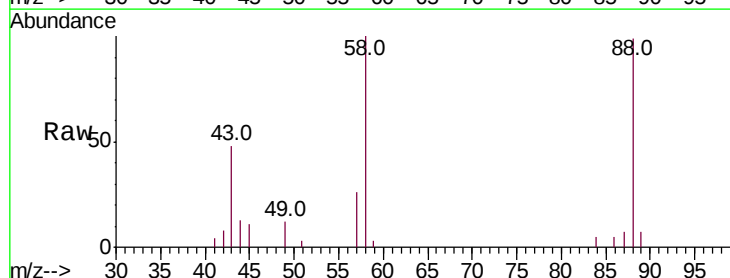
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



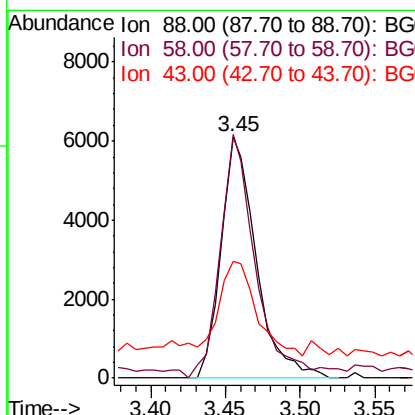
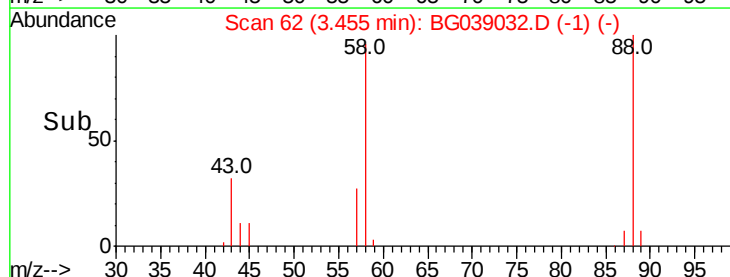
#2

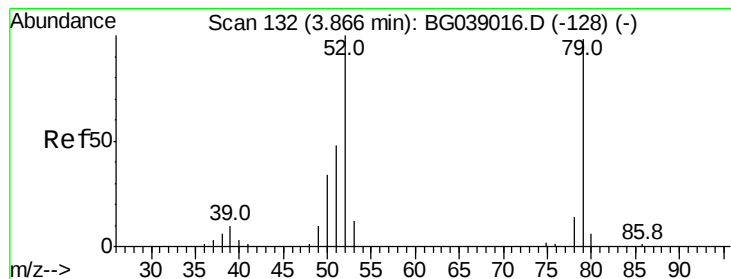
1,4-Dioxane
Concen: 23.055 ng
RT: 3.45 min Scan# 62
Delta R.T. -0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion: 88 Resp: 10070
Ion Ratio Lower Upper
88 100
58 103.2 72.4 108.6
43 41.4 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: 24.460 ng

RT: 3.87 min Scan# 132

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

ClientSampleId :

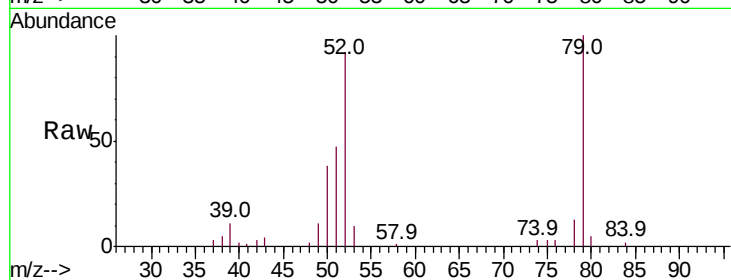
Tot Ion: 79 Resp: 29029

Ion Ratio Lower Upper

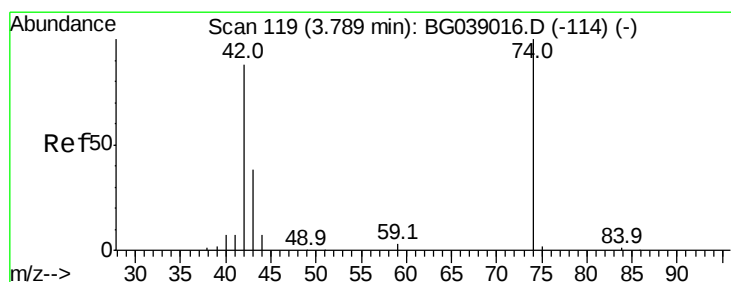
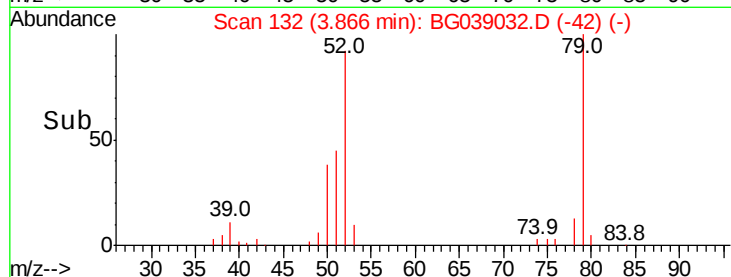
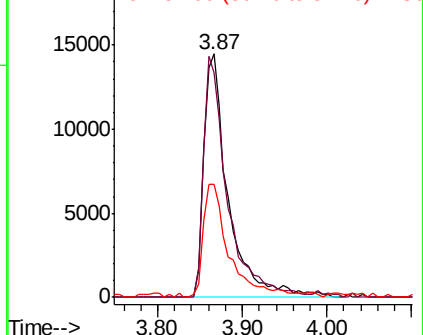
79 100

52 92.4 81.5 122.3

51 46.6 39.8 59.6



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



#4

n-Nitrosodimethylamine

Concen: 33.993 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

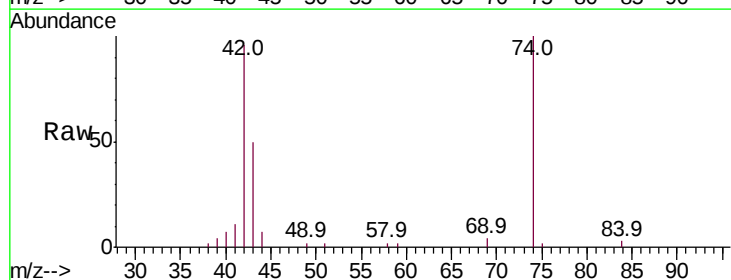
Tgt Ion: 42 Resp: 18154

Ion Ratio Lower Upper

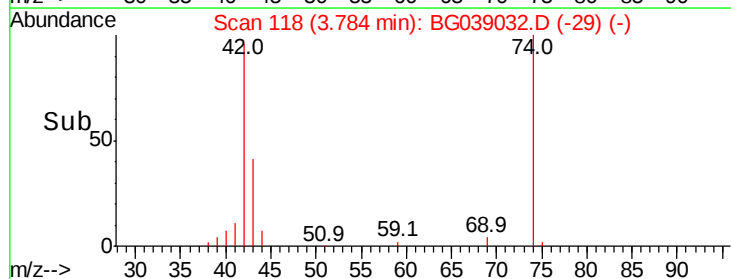
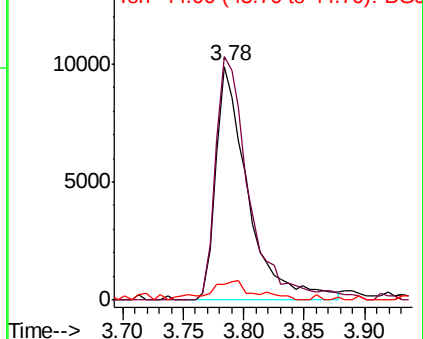
42 100

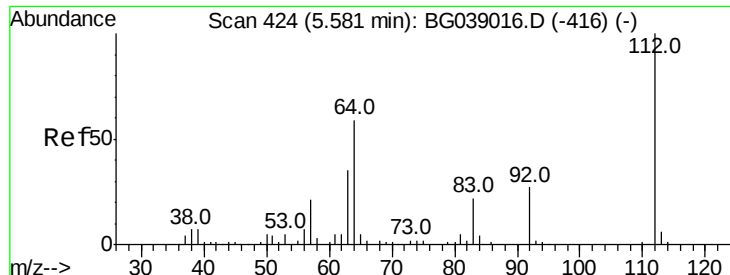
74 104.2 90.7 136.1

44 6.9 6.5 9.7



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





#5

2-Fluorophenol

Concen: 106.746 ng

RT: 5.58 min Scan# 424

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

ClientSampled :

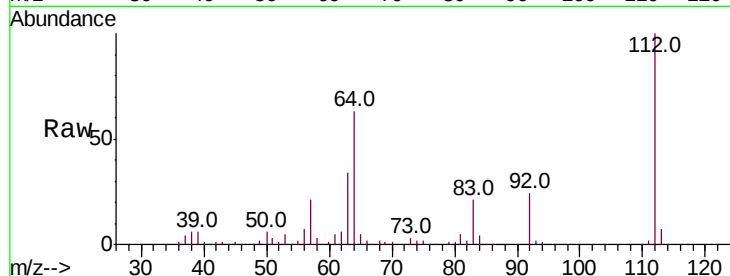
Tot Ion:112 Resp: 119059

Ion Ratio Lower Upper

112 100

64 62.7 47.0 70.6

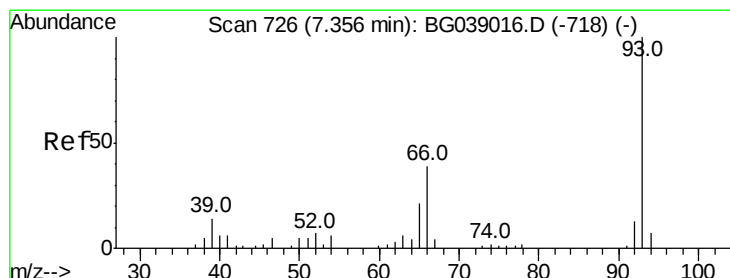
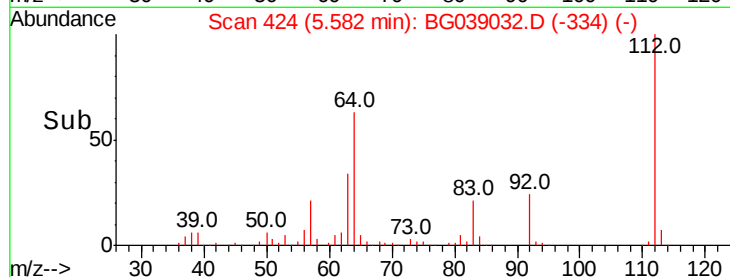
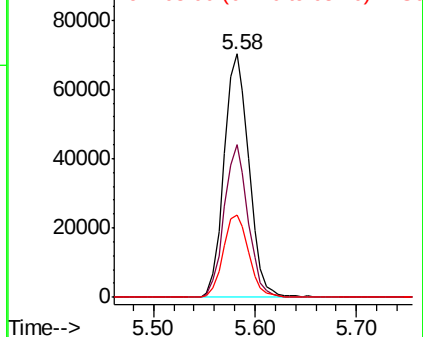
63 33.6 28.0 42.0



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: 21.767 ng

RT: 7.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

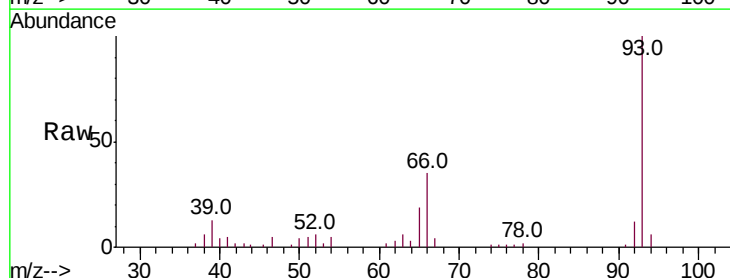
Tgt Ion: 93 Resp: 41961

Ion Ratio Lower Upper

93 100

66 35.4 30.9 46.3

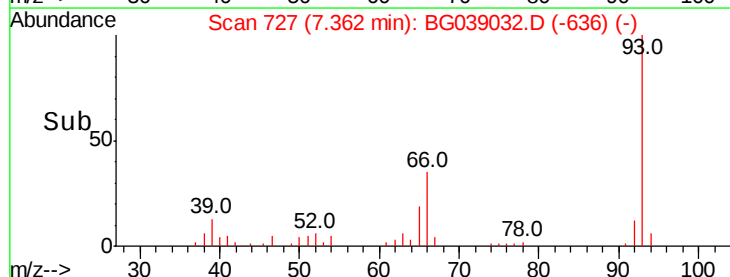
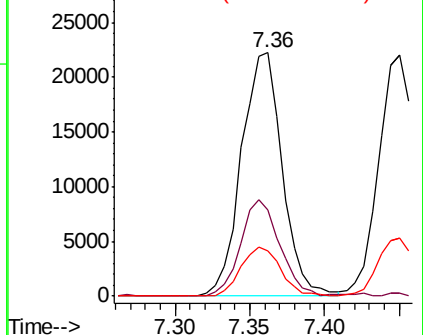
65 18.7 17.0 25.4

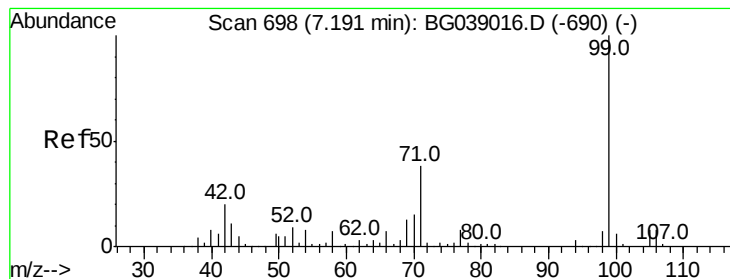


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 107.755 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

ClientSampled :

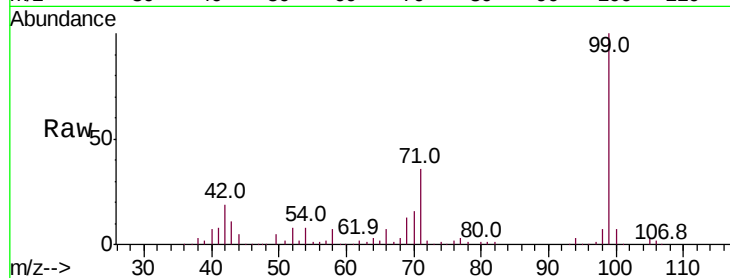
Tot Ion: 99 Resp: 172962

Ion Ratio Lower Upper

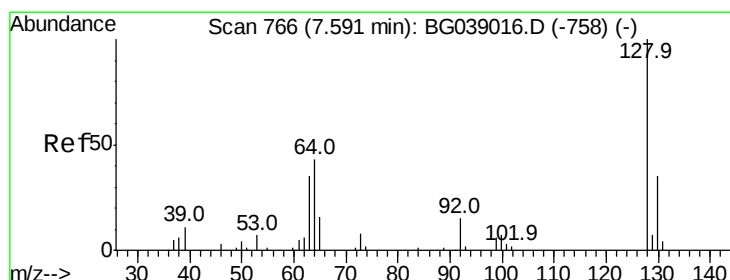
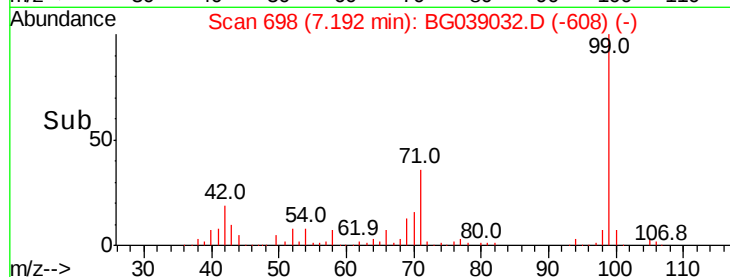
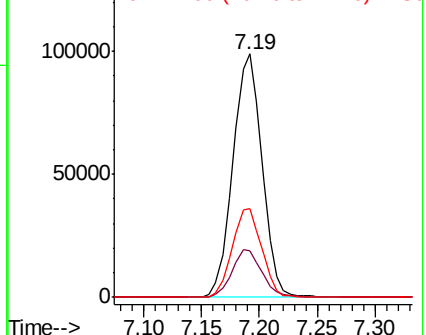
99 100

42 18.9 15.8 23.6

71 36.4 30.2 45.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 33.906 ng

RT: 7.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

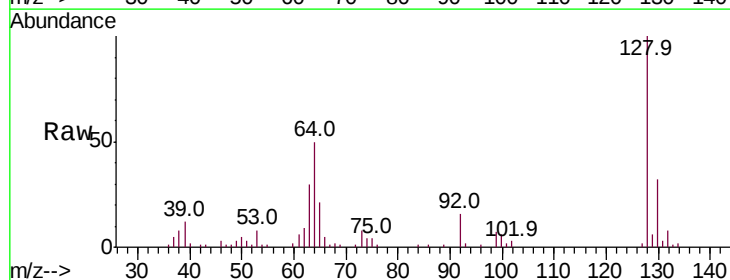
Tgt Ion: 128 Resp: 44579

Ion Ratio Lower Upper

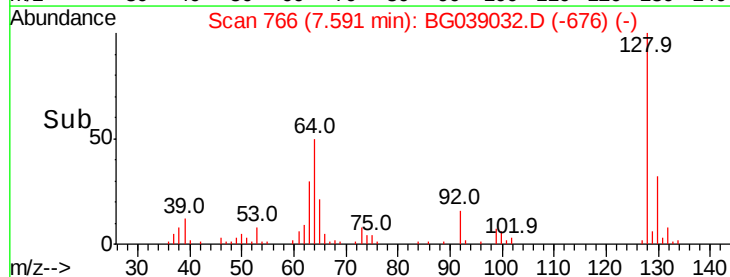
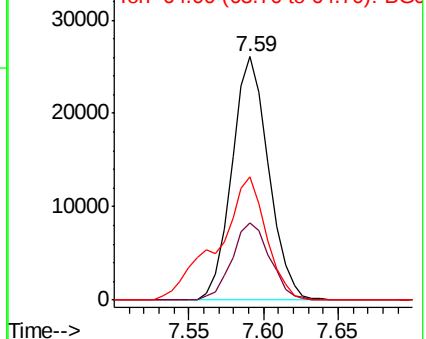
128 100

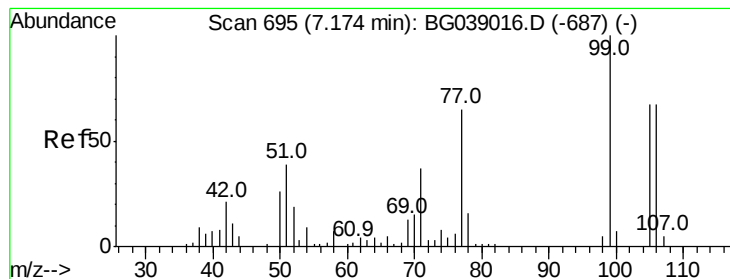
130 31.7 14.5 54.5

64 50.4 27.3 67.3



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





#9

Benzaldehyde

Concen: 15.925 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

ClientSampled :

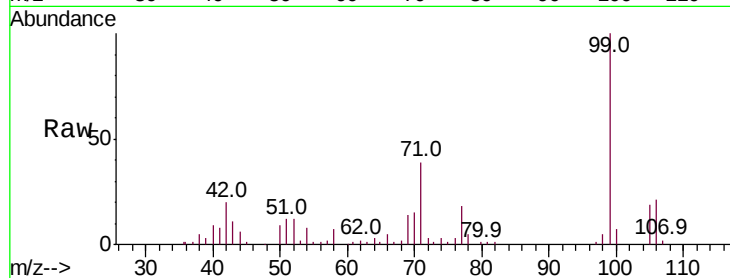
Tot Ion: 77 Resp: 14741

Ion Ratio Lower Upper

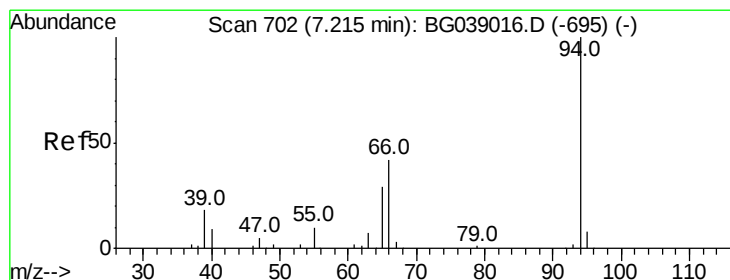
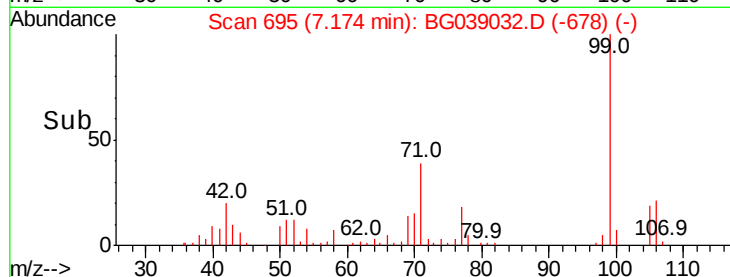
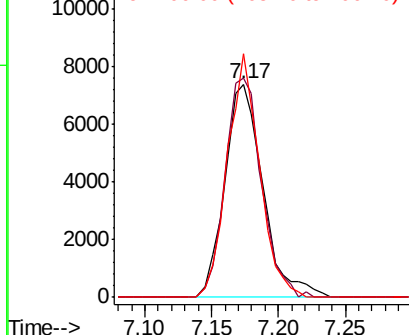
77 100

105 102.7 82.4 122.4

106 114.3 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: 37.408 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

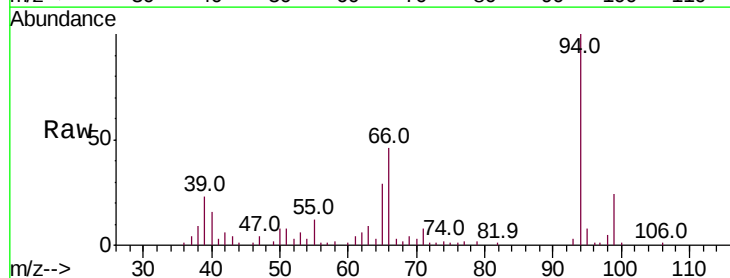
Tgt Ion: 94 Resp: 60200

Ion Ratio Lower Upper

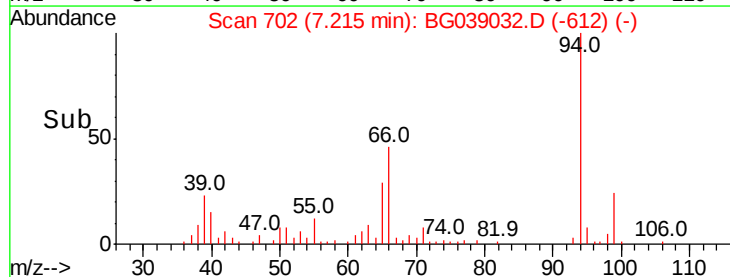
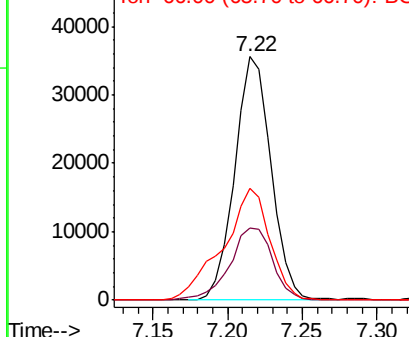
94 100

65 29.5 10.3 50.3

66 46.0 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



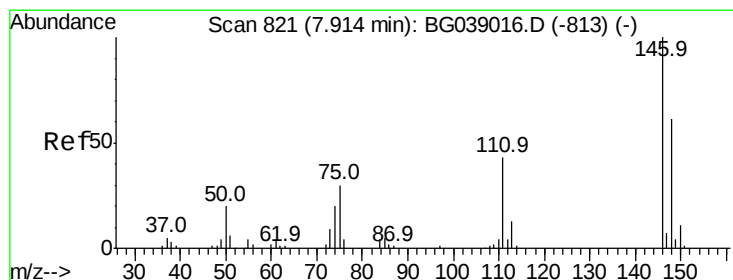
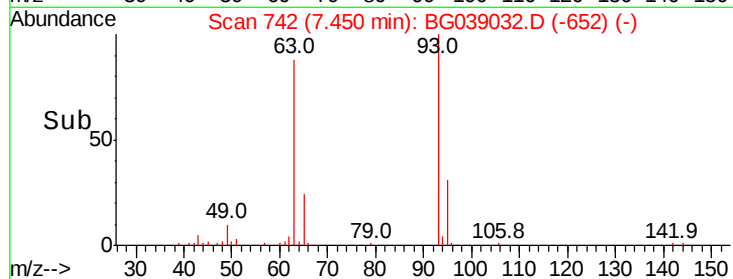
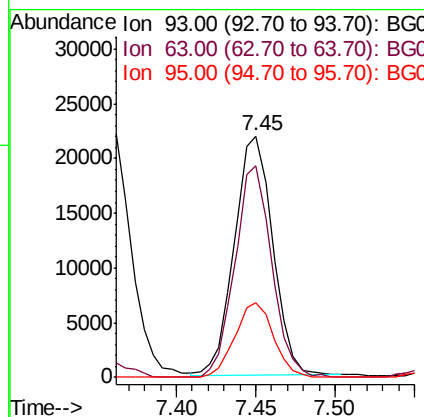
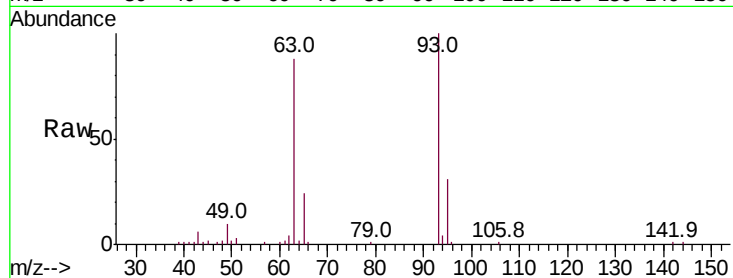


#11
bis(2-Chloroethyl)ether
Concen: 29.965 ng
RT: 7.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampled :

Tot Ion: 93 Resp: 36856

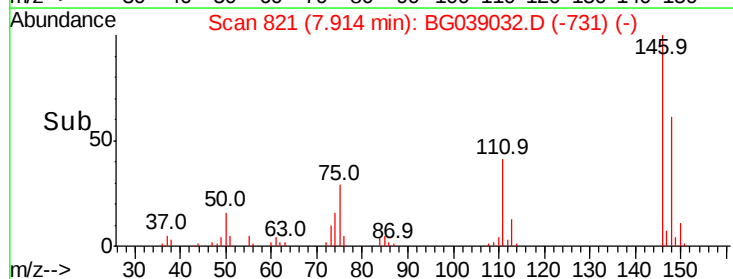
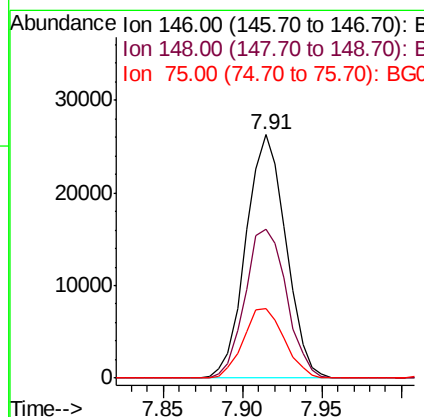
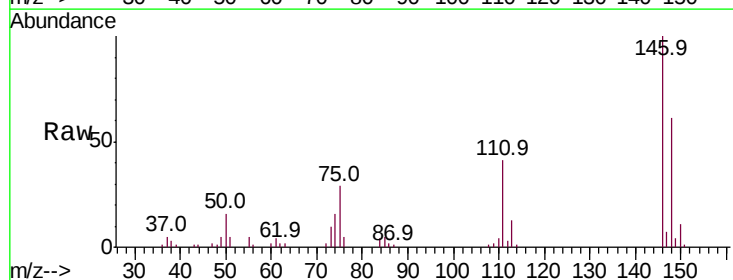
Ion	Ratio	Lower	Upper
93	100		
63	87.6	63.2	103.2
95	31.1	11.2	51.2

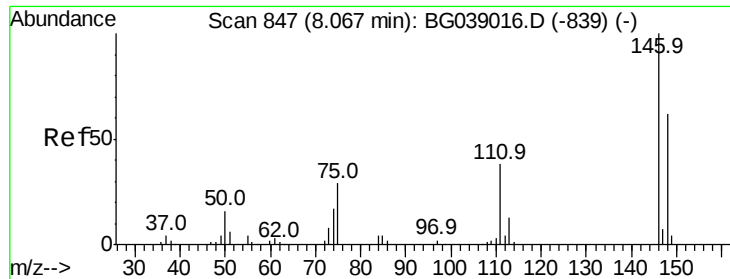


#12
1,3-Dichlorobenzene
Concen: 29.278 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion: 146 Resp: 46120

Ion	Ratio	Lower	Upper
146	100		
148	61.3	49.1	73.7
75	28.7	23.9	35.9

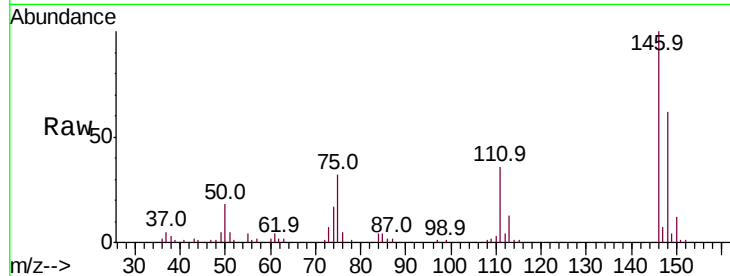




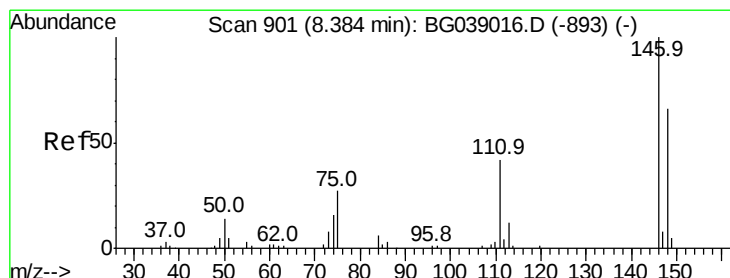
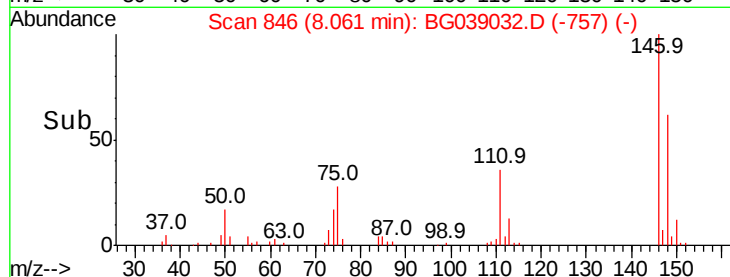
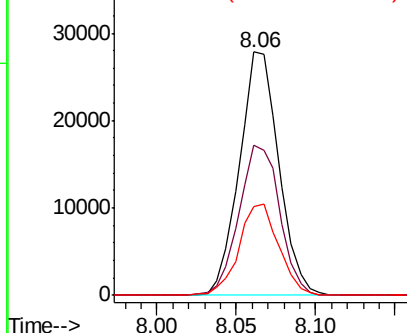
#13
 1,4-Dichlorobenzene
 Concen: 30.154 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 48106
 Ion Ratio Lower Upper
 146 100
 148 61.6 49.8 74.6
 111 36.5 30.6 45.8

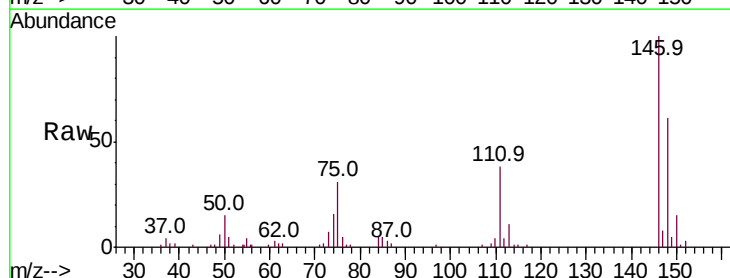


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

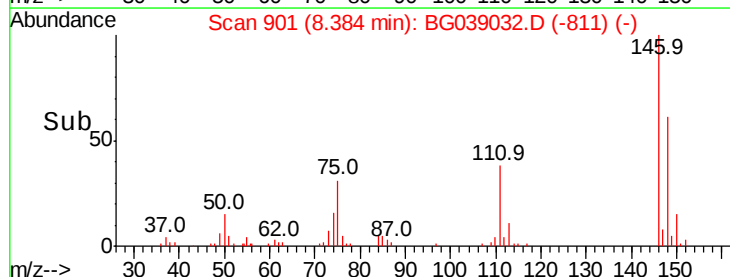
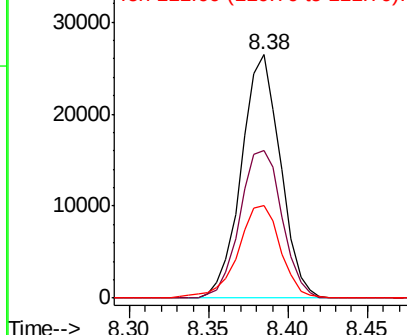


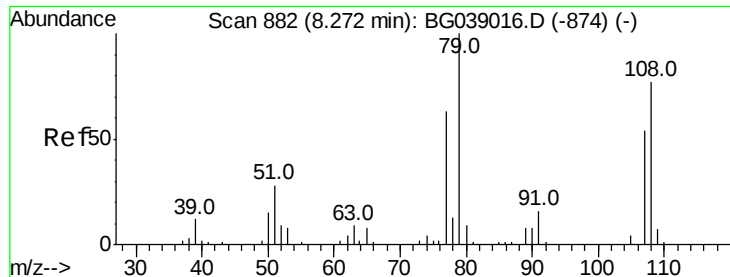
#14
 1,2-Dichlorobenzene
 Concen: 29.744 ng
 RT: 8.38 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Tgt Ion:146 Resp: 45244
 Ion Ratio Lower Upper
 146 100
 148 60.9 52.6 79.0
 111 37.8 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 33.855 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

ClientSampled :

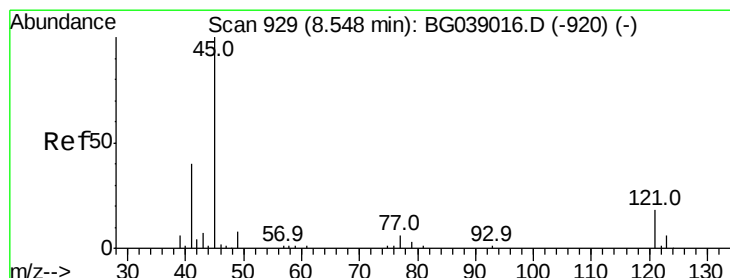
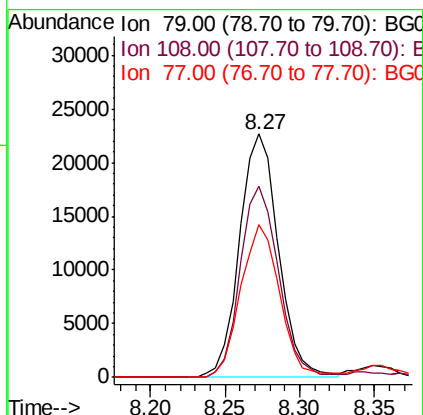
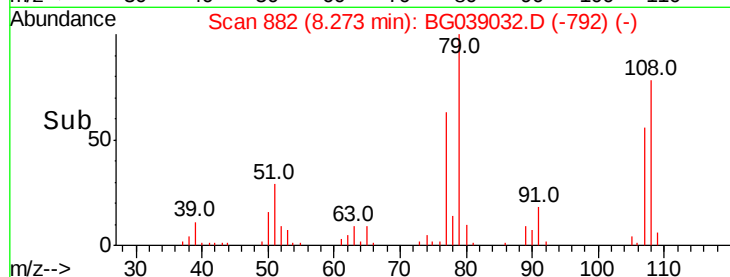
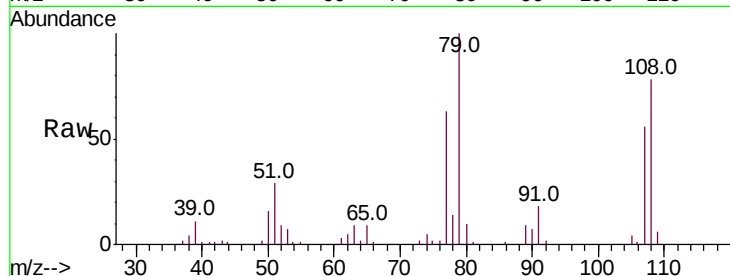
Tot Ion: 79 Resp: 40924

Ion Ratio Lower Upper

79 100

108 78.5 62.0 93.0

77 62.9 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.689 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.01 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

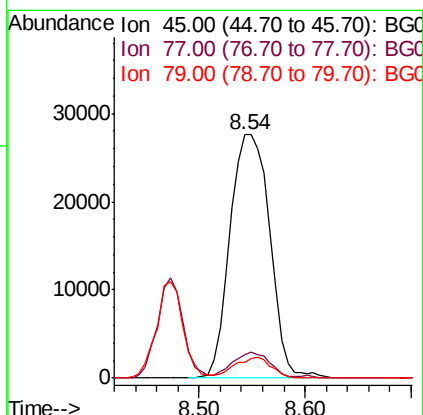
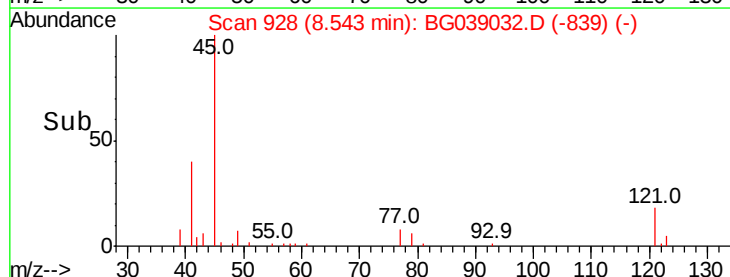
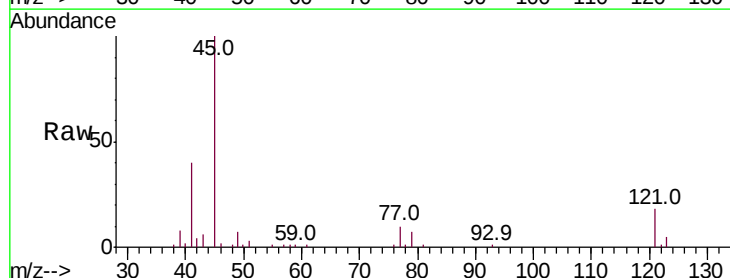
Tgt Ion: 45 Resp: 72379

Ion Ratio Lower Upper

45 100

77 9.8 0.0 30.7

79 6.7 0.0 28.5

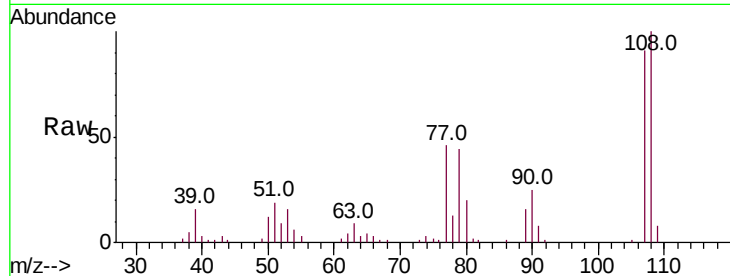




#17
2-Methylphenol
Concen: 35.675 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.9	90.3	135.5
77	50.7	38.3	57.5
79	48.9	35.8	53.6



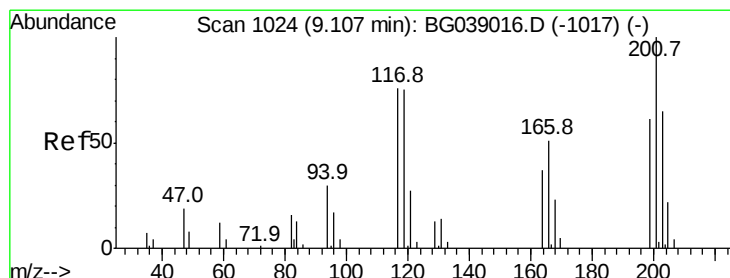
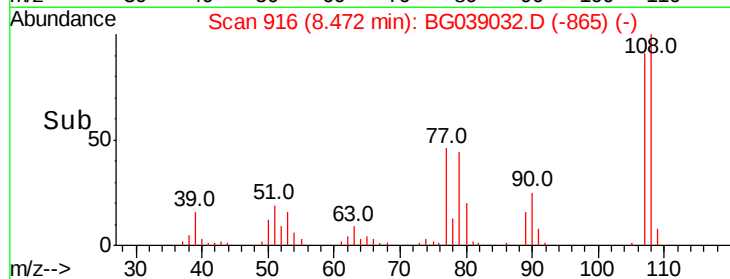
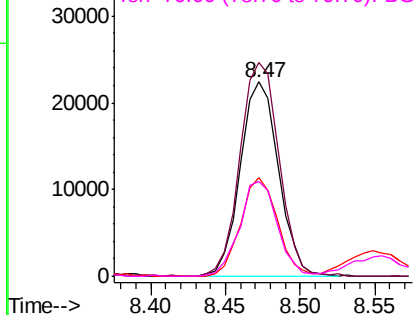
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

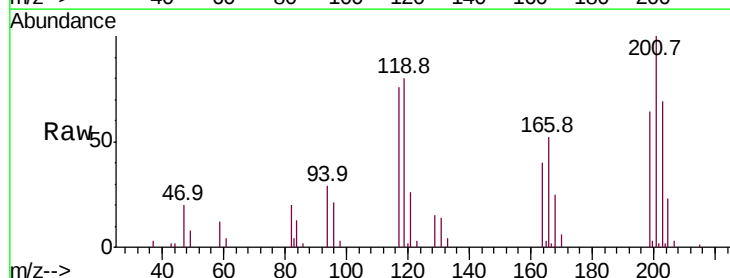
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 29.626 ng
RT: 9.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	104.9	78.7	118.1
201	135.1	108.1	162.1

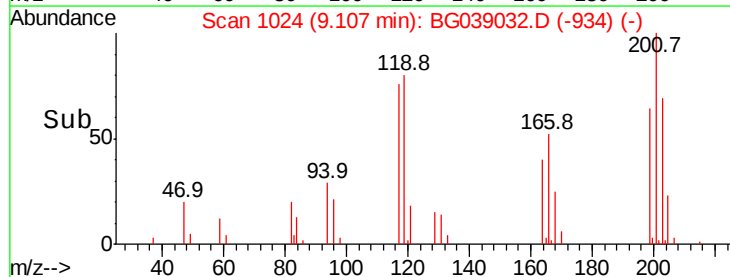
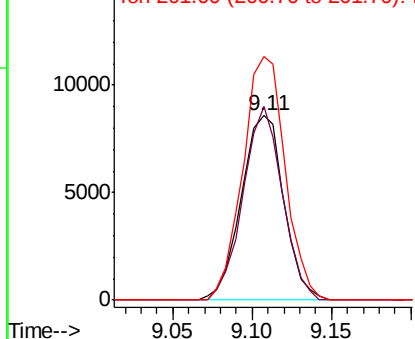


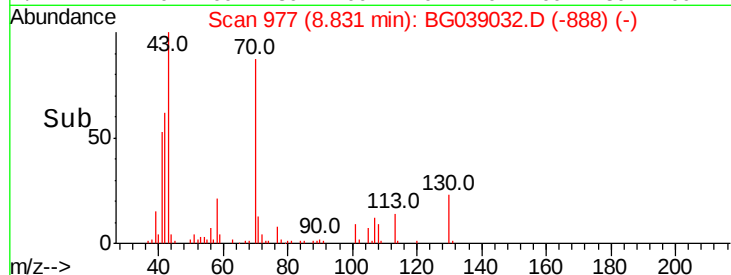
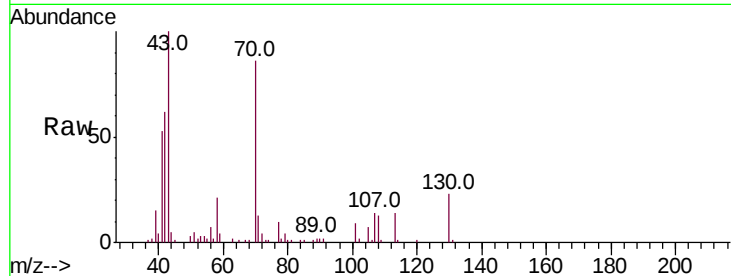
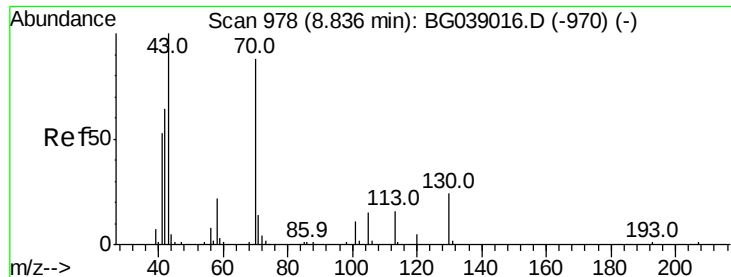
Abundance

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

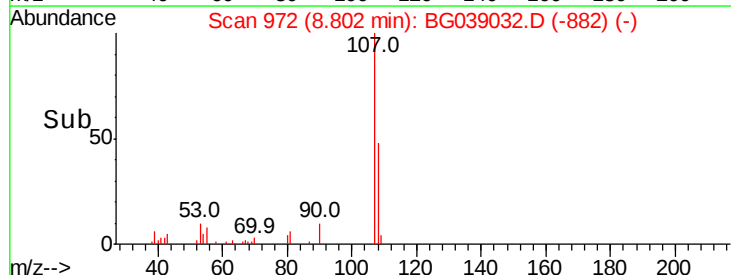
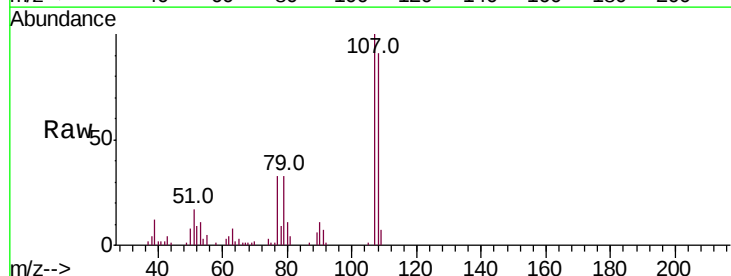
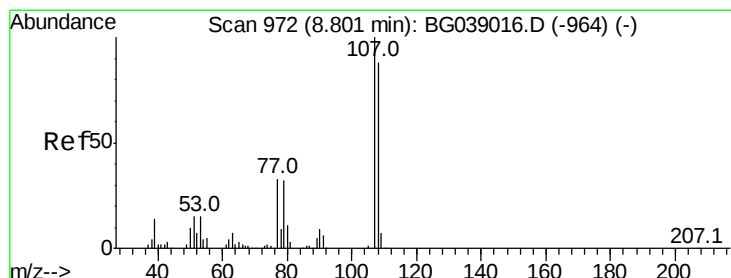
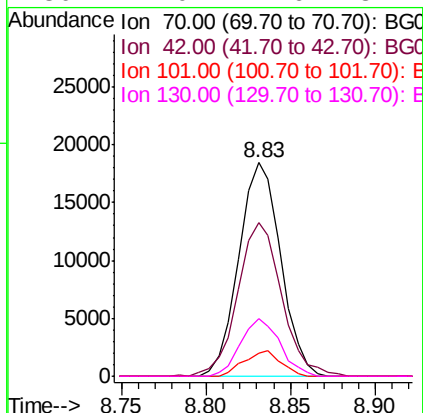




#19
n-Nitroso-di-n-propylamine
Concen: 30.169 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

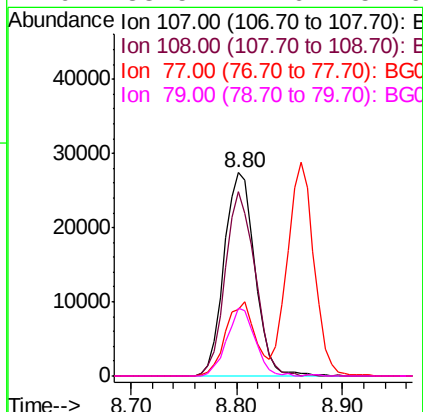
Instrument :
BNA_G
ClientSampleId :

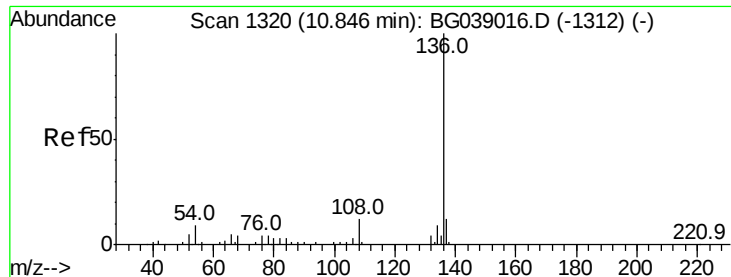
Tot Ion:	70	Resp:	31800
Ion	Ratio	Lower	Upper
70	100		
42	72.1	59.0	88.4
101	10.8	10.4	15.6
130	27.0	21.6	32.4



#20
3+4-Methylphenols
Concen: 34.816 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion:	107	Resp:	55468
Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.4	108.4
77	33.0	13.3	53.3
79	33.5	11.6	51.6

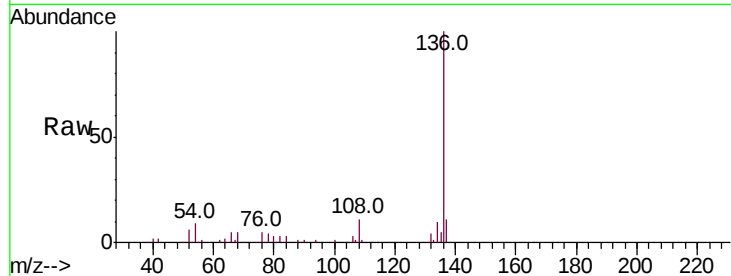




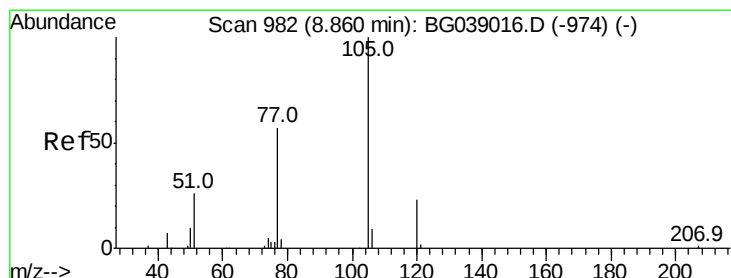
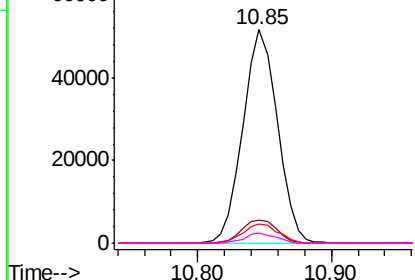
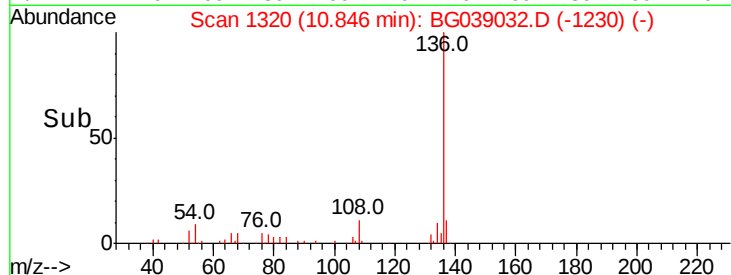
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	92374
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.4 14.2
54	8.9	7.2 10.8
68	4.5	3.5 5.3

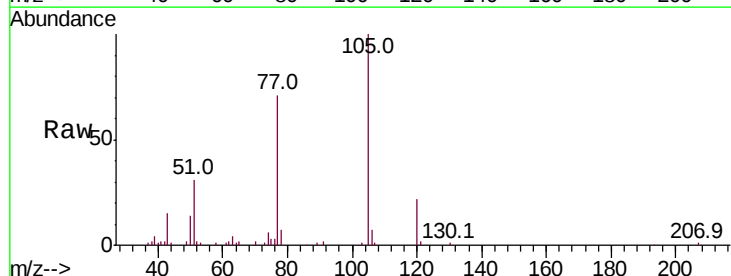


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

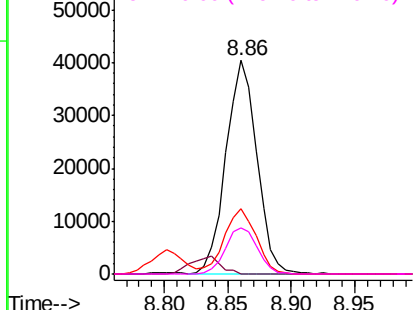
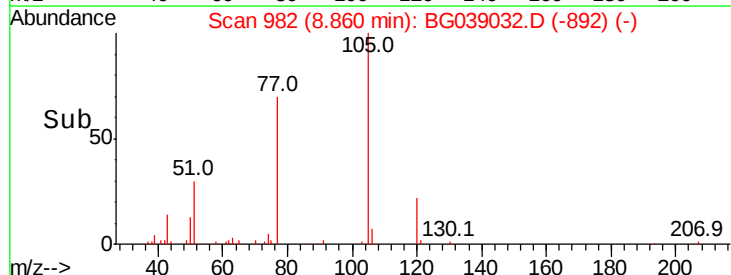


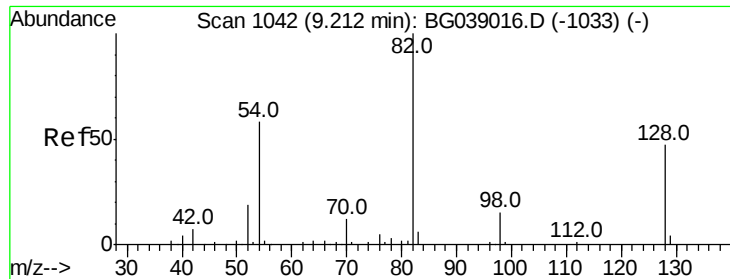
#22
Acetophenone
Concen: 28.301 ng
RT: 8.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion:105	Resp:	68273
Ion	Ratio	Lower Upper
105	100	
71	0.0	0.6 1.0#
51	30.7	26.6 39.8
120	21.6	17.9 26.9



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

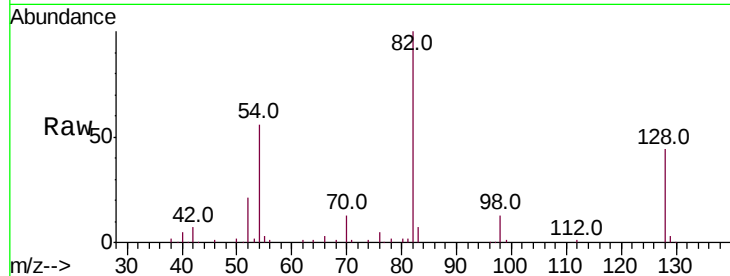




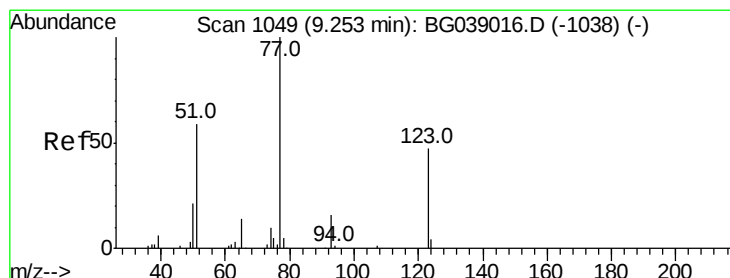
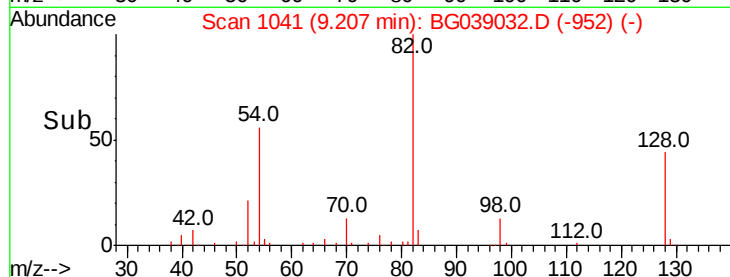
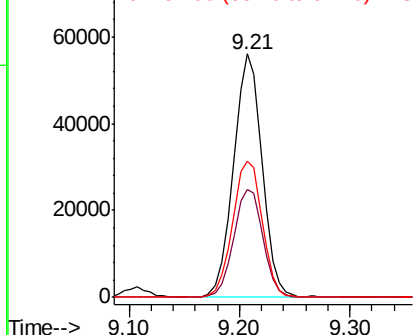
#23
 Nitrobenzene-d5
 Concen: 60.298 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion: 82 Resp: 101791
 Ion Ratio Lower Upper
 82 100
 128 44.3 37.3 55.9
 54 56.1 46.4 69.6

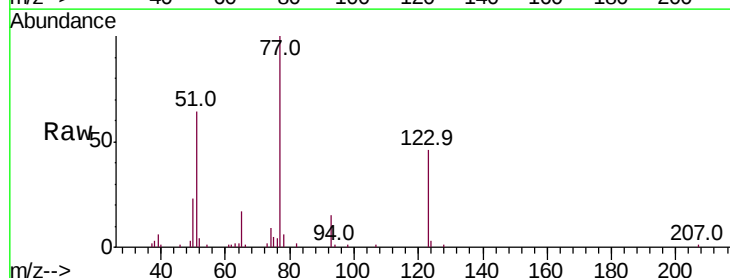


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

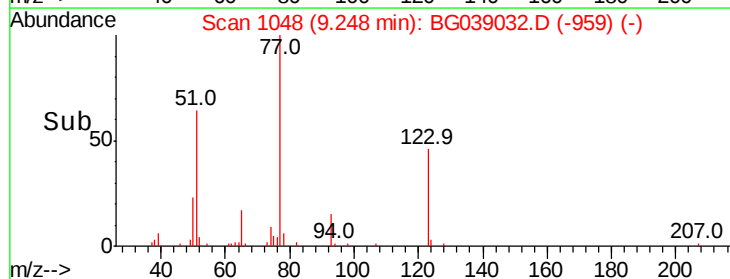
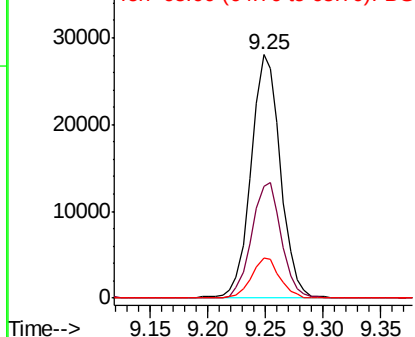


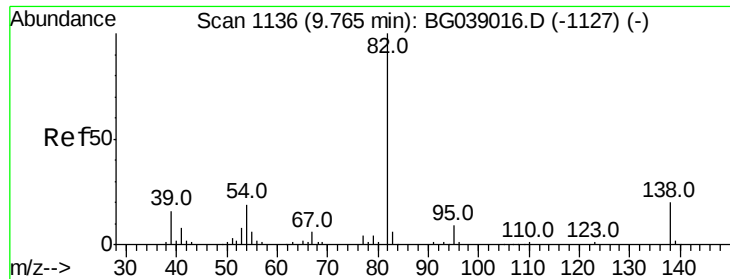
#24
 Nitrobenzene
 Concen: 29.215 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Tgt Ion: 77 Resp: 49850
 Ion Ratio Lower Upper
 77 100
 123 45.8 37.6 56.4
 65 16.7 11.0 16.6#



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





#25

Isophorone

Concen: 32.967 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

ClientSampleId :

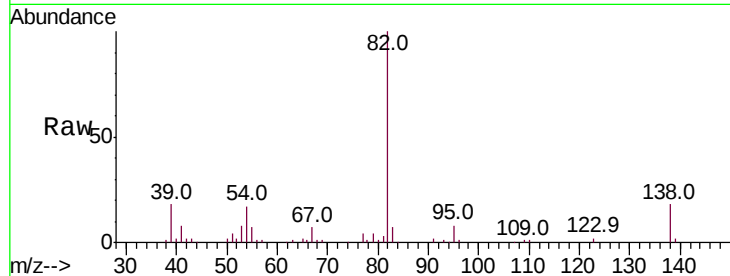
Tot Ion: 82 Resp: 95866

Ion Ratio Lower Upper

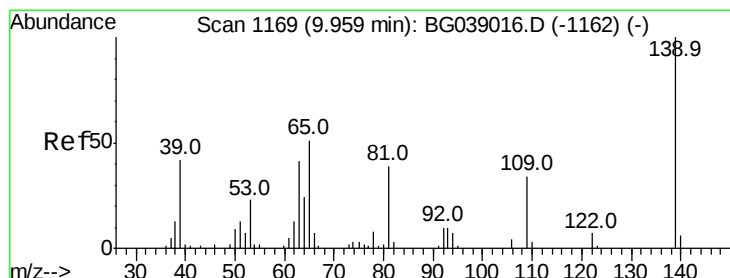
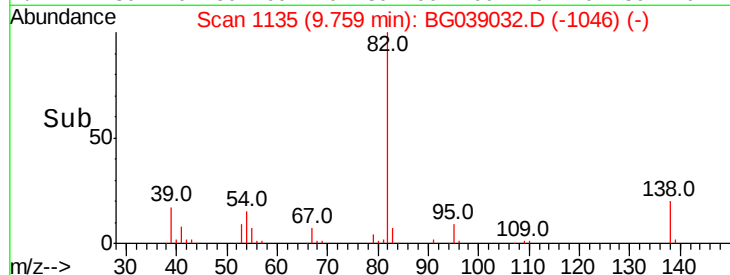
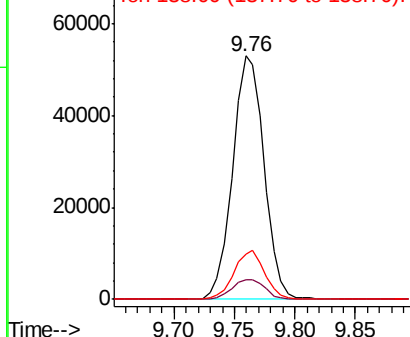
82 100

95 8.0 7.0 10.6

138 18.4 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: 30.300 ng

RT: 9.96 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

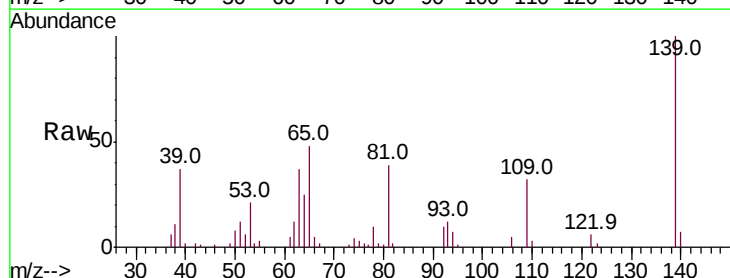
Tgt Ion: 139 Resp: 27965

Ion Ratio Lower Upper

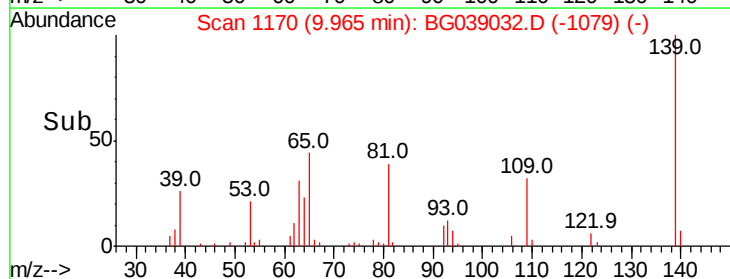
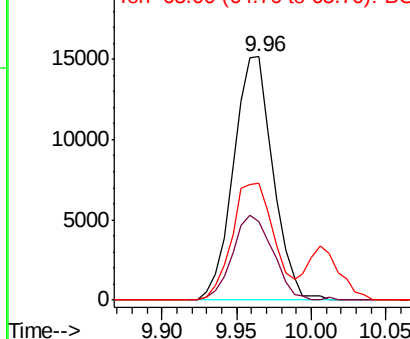
139 100

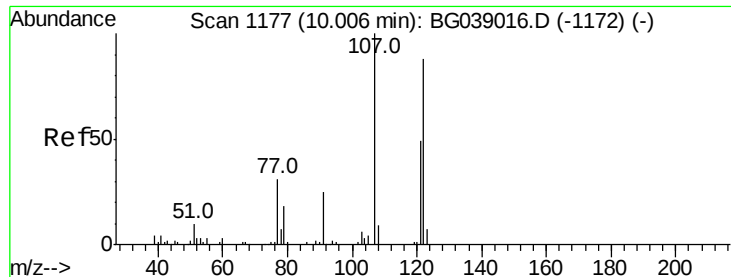
109 32.2 27.3 40.9

65 48.0 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

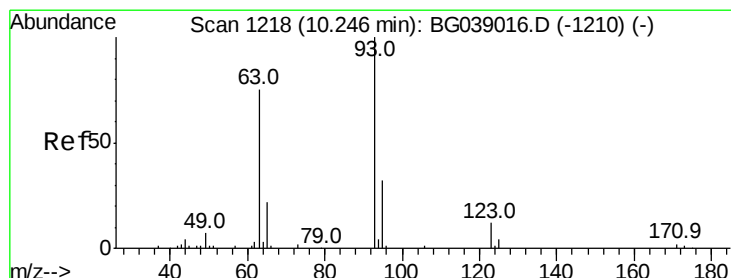
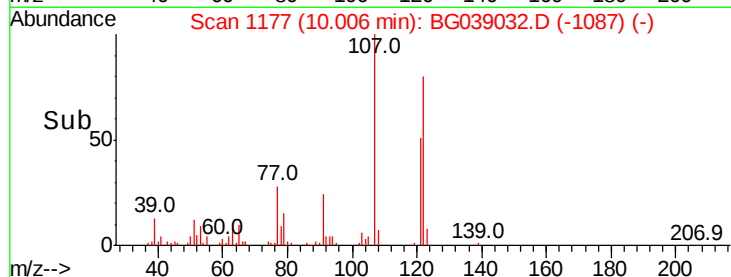
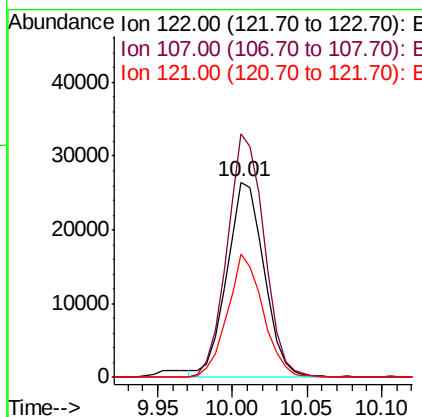
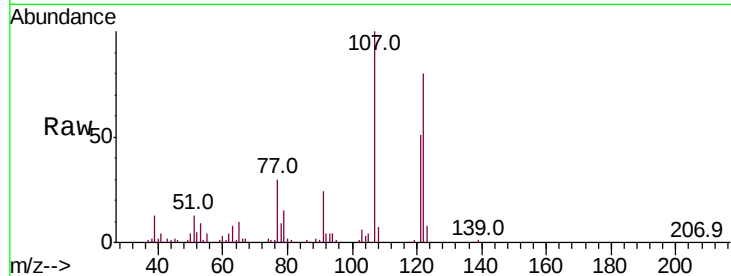




#27
2,4-Dimethylphenol
Concen: 35.694 ng
RT: 10.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

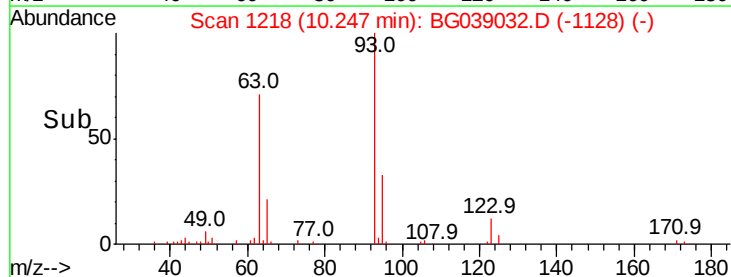
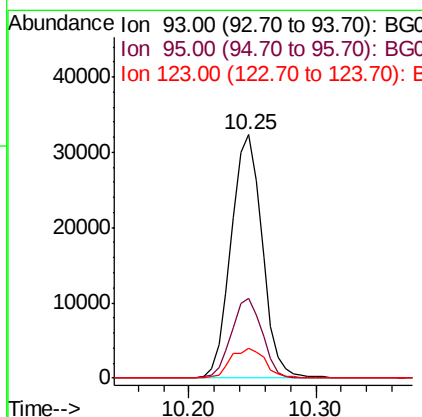
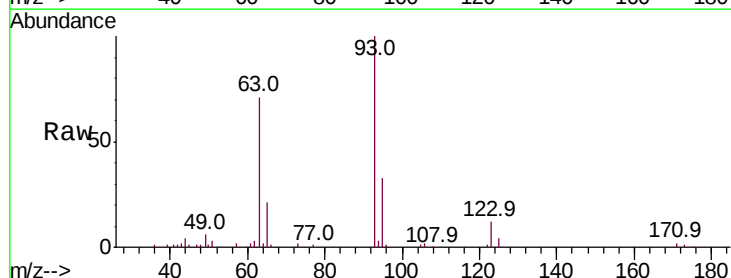
Instrument :
BNA_G
ClientSampleId :

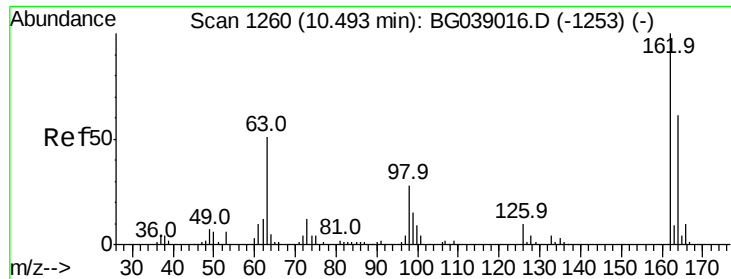
Tot Ion:122 Resp: 46347
Ion Ratio Lower Upper
122 100
107 124.6 88.8 133.2
121 63.1 43.1 64.7



#28
bis(2-Chloroethoxy)methane
Concen: 31.368 ng
RT: 10.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion: 93 Resp: 54820
Ion Ratio Lower Upper
93 100
95 32.9 25.6 38.4
123 12.5 10.1 15.1

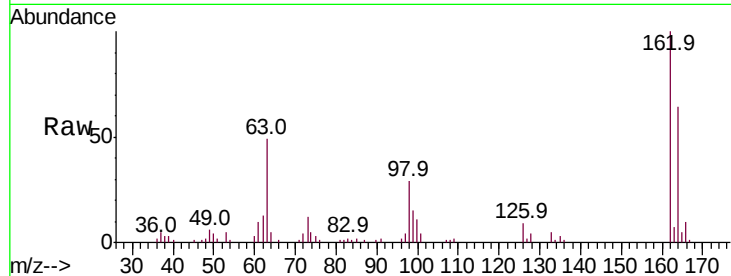




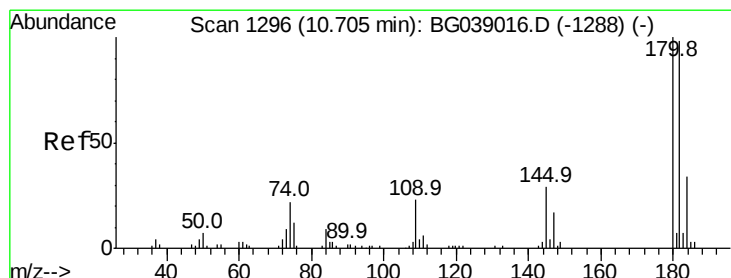
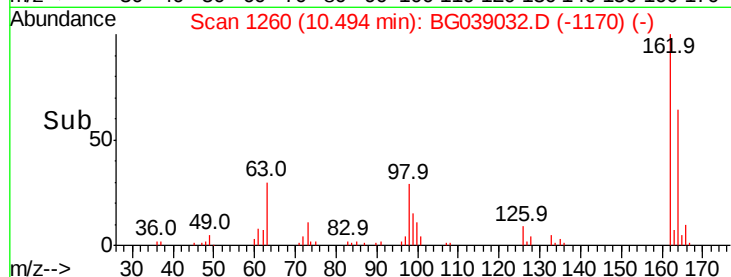
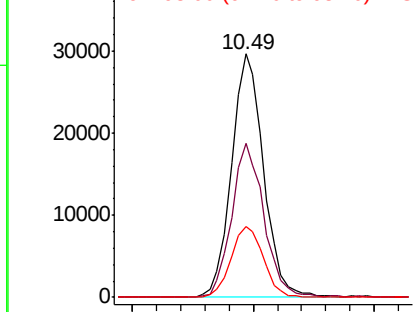
#29
 2,4-Dichlorophenol
 Concen: 33.860 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	41.3	81.3
98	29.1	8.3	48.3

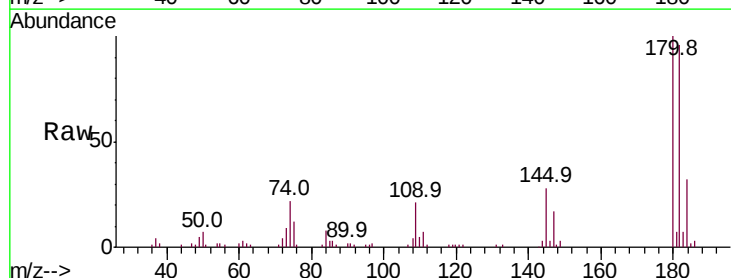


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

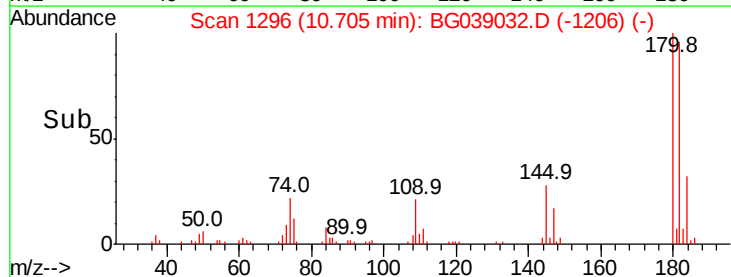
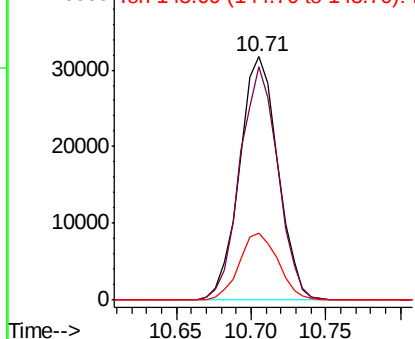


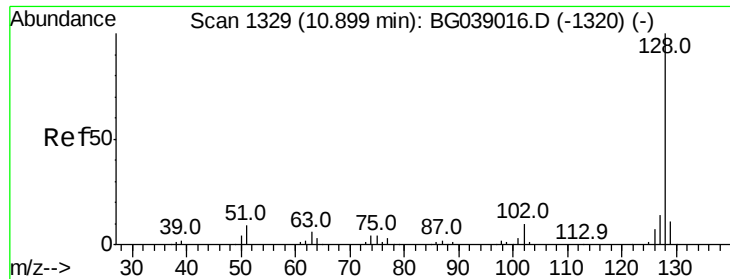
#30
 1,2,4-Trichlorobenzene
 Concen: 29.163 ng
 RT: 10.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	78.1	117.1
145	27.8	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

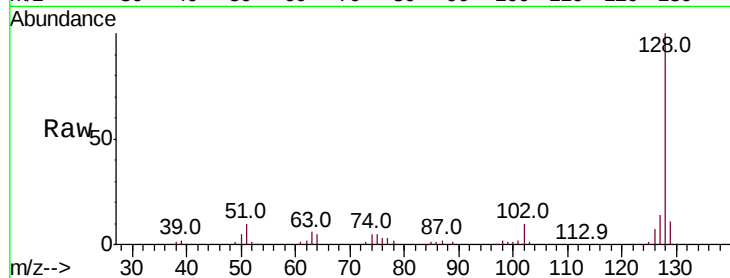




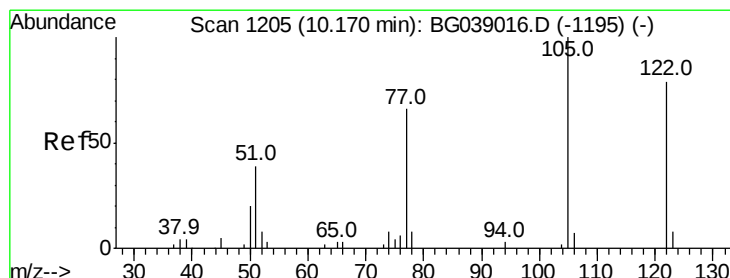
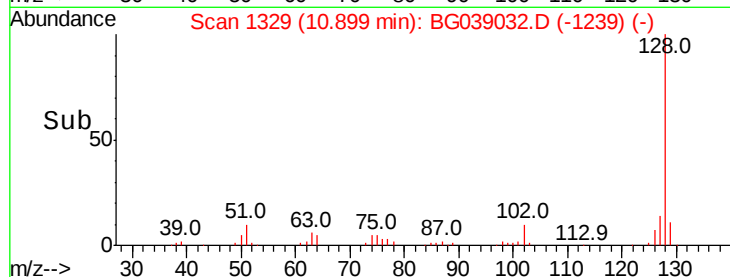
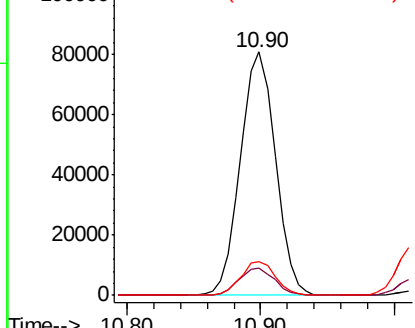
#31
Naphthalene
Concen: 31.727 ng
RT: 10.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 146992
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.9 11.2 16.8

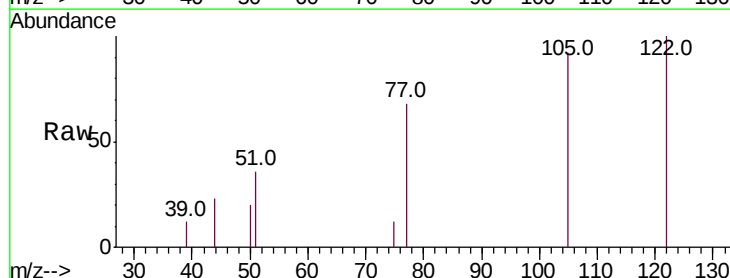


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

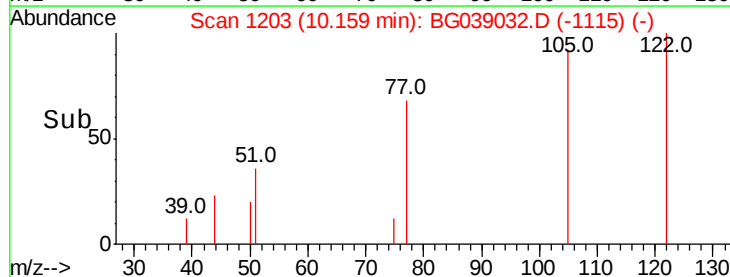
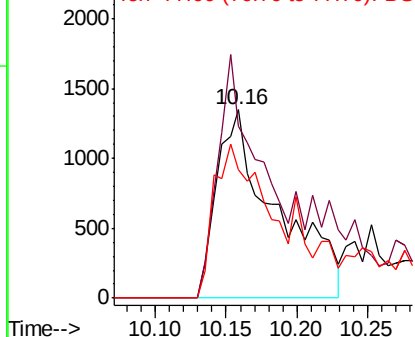


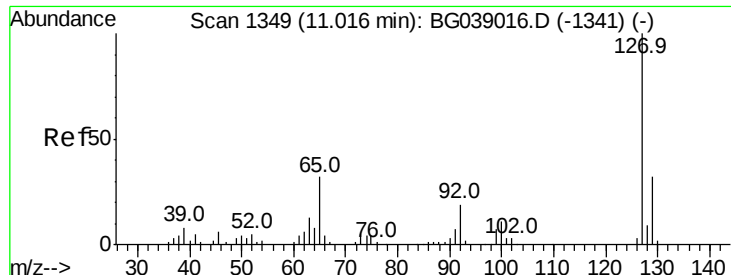
#32
Benzoic acid
Concen: 13.455 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion:122 Resp: 3984
Ion Ratio Lower Upper
122 100
105 91.5 106.4 146.4#
77 68.0 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

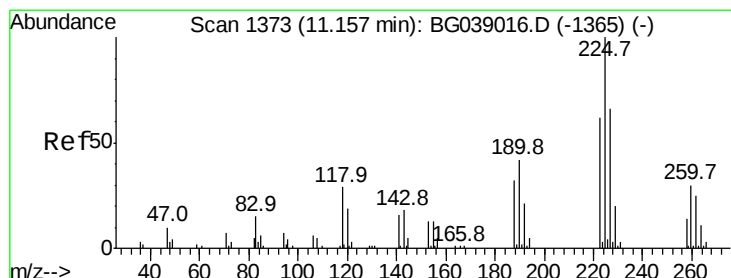
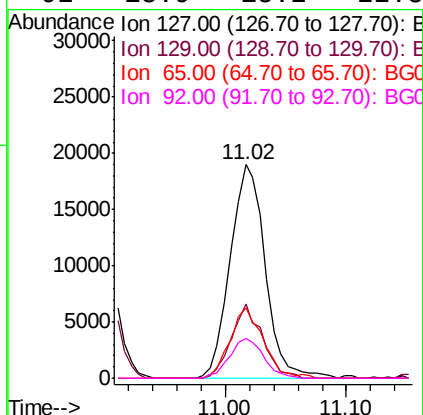
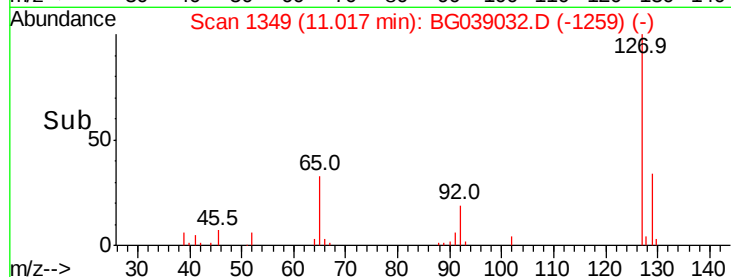
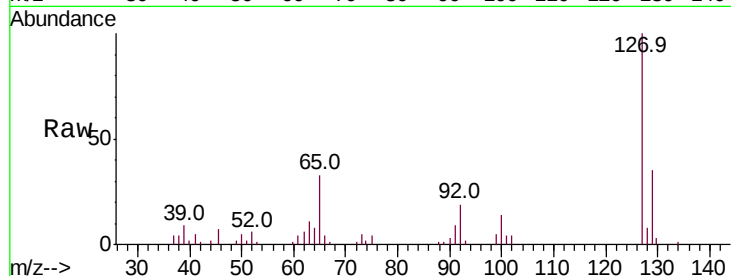




#33
4-Chloroaniline
Concen: 18.493 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

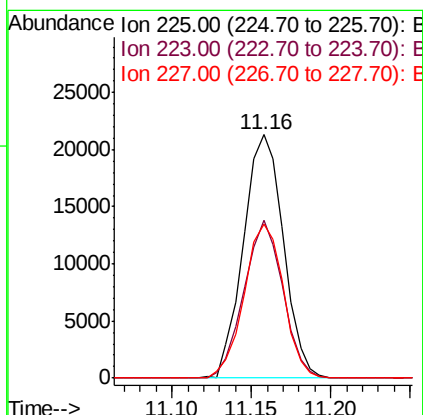
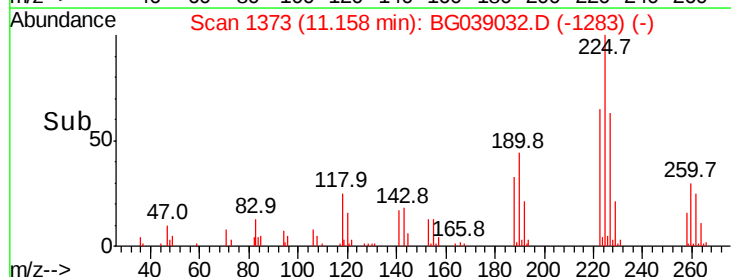
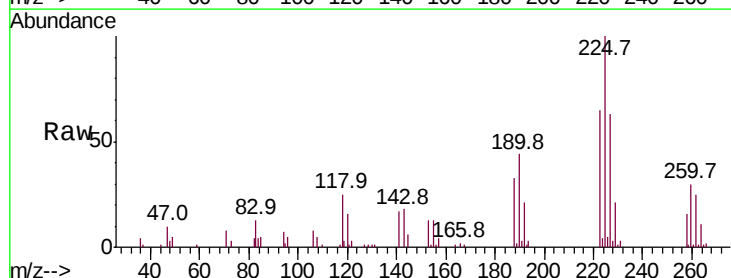
Instrument :
BNA_G
ClientSampleId :

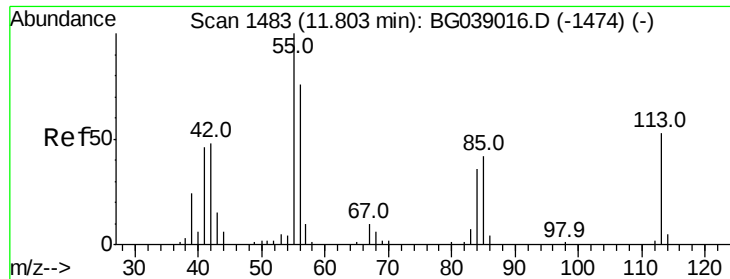
Tot Ion:	127	Resp:	38337
Ion	Ratio	Lower	Upper
127	100		
129	34.6	25.4	38.0
65	33.0	25.4	38.0
92	18.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 28.000 ng
RT: 11.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion:	225	Resp:	37342
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.2	75.4
227	63.2	53.2	79.8





#35

Caprolactam

Concen: 13.394 ng

RT: 11.79 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

ClientSampled :

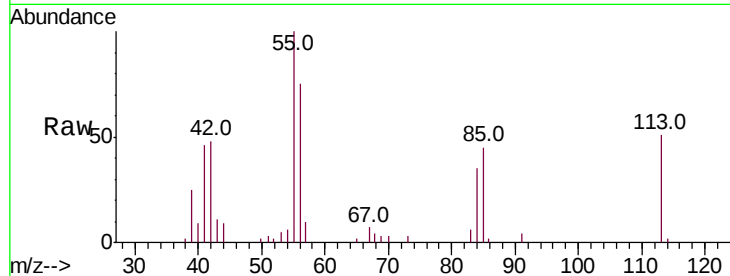
Tot Ion:113 Resp: 8664

Ion Ratio Lower Upper

113 100

55 194.9 168.6 208.6

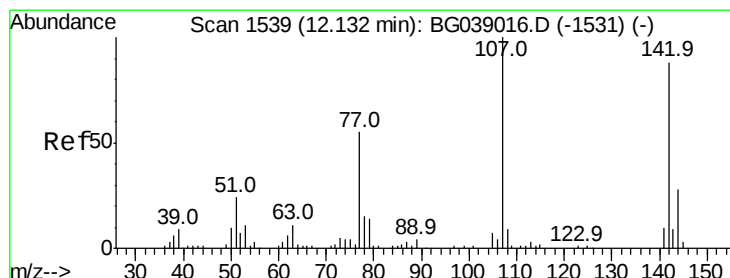
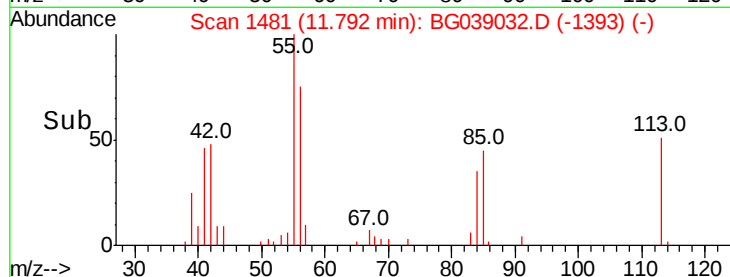
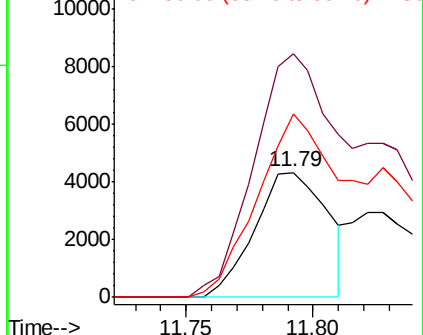
56 146.9 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 32.895 ng

RT: 12.13 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

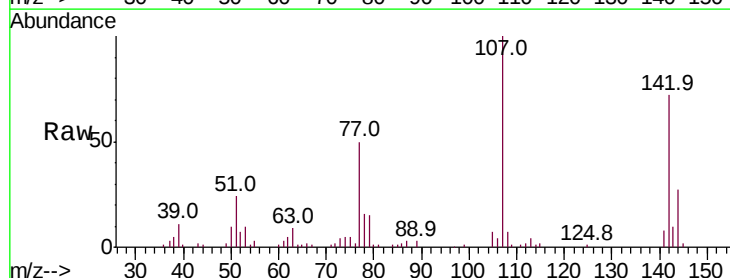
Tgt Ion:107 Resp: 56754

Ion Ratio Lower Upper

107 100

144 26.6 22.6 34.0

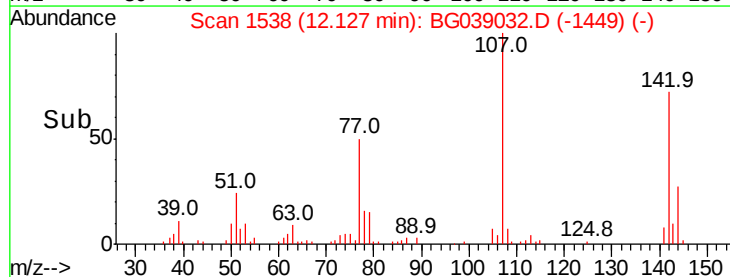
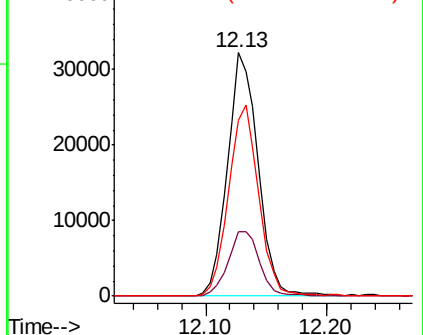
142 72.3 70.2 105.4

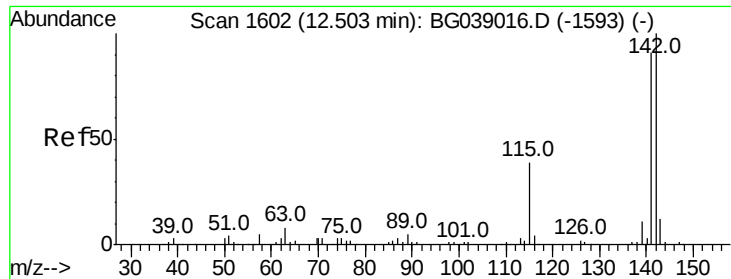


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

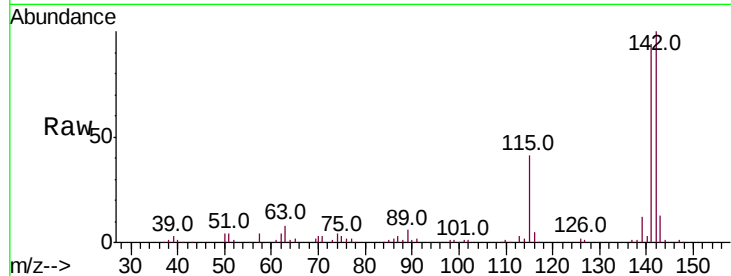




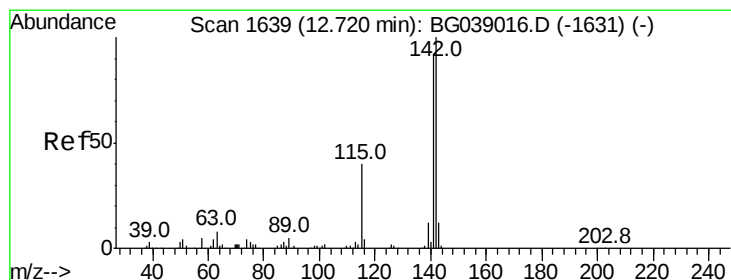
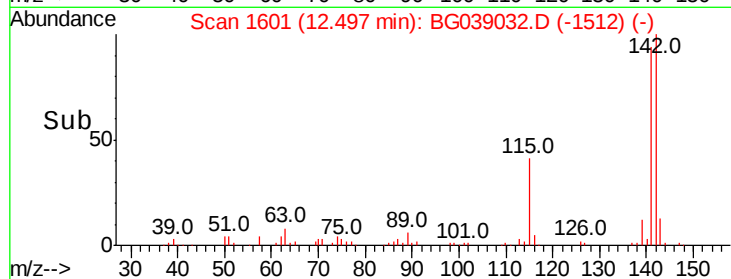
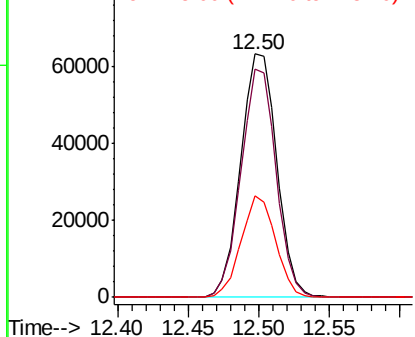
#37
 2-Methylnaphthalene
 Concen: 32.636 ng
 RT: 12.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 113360
 Ion Ratio Lower Upper
 142 100
 141 93.7 72.6 109.0
 115 41.5 31.1 46.7

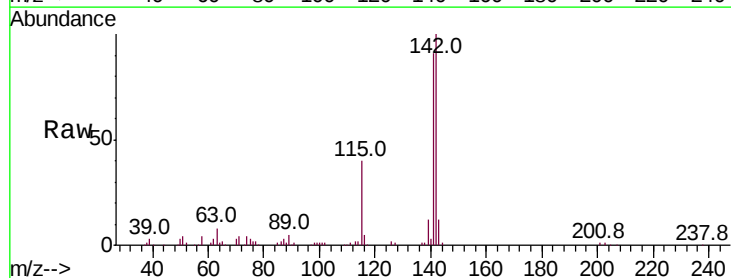


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

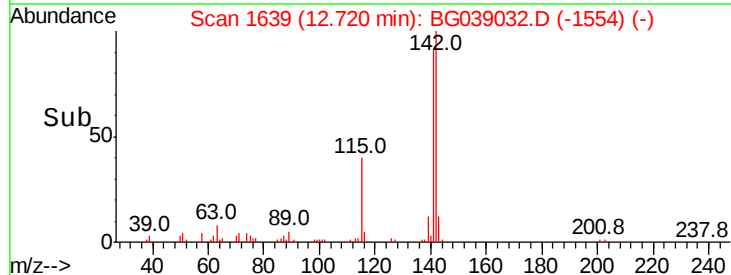
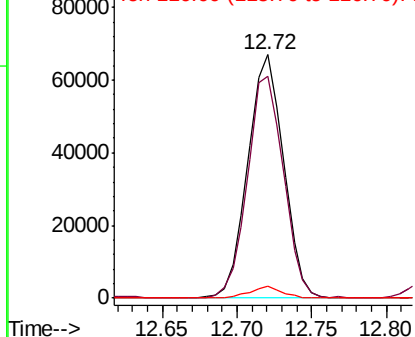


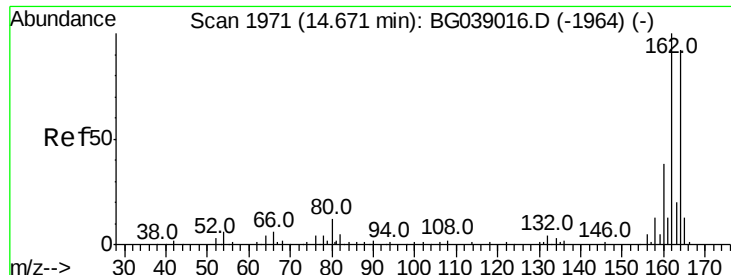
#38
 1-Methylnaphthalene
 Concen: 33.114 ng
 RT: 12.72 min Scan# 1639
 Delta R.T. 0.00 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Tgt Ion:142 Resp: 110403
 Ion Ratio Lower Upper
 142 100
 141 90.9 73.3 109.9
 116 5.0 3.1 4.7#



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

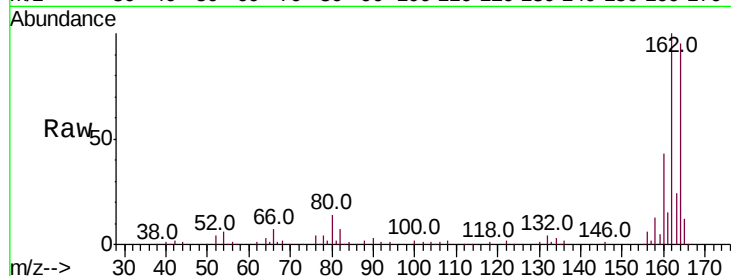




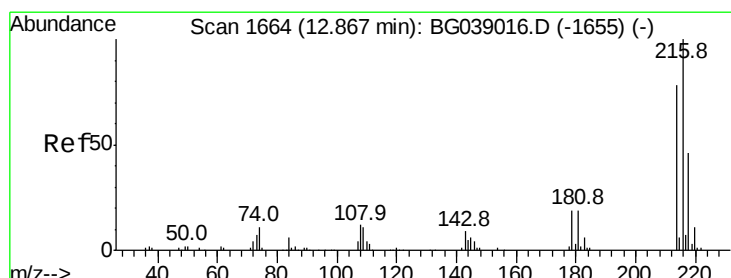
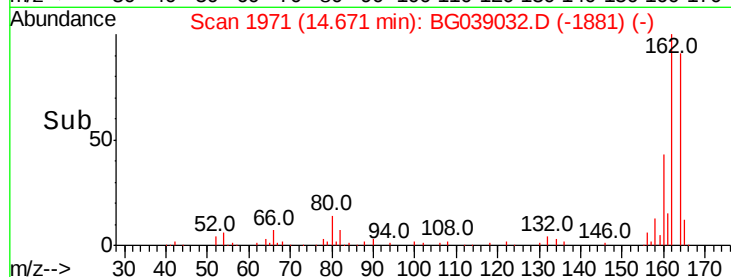
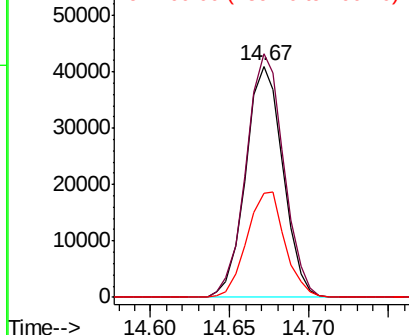
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:164 Resp: 66918
 Ion Ratio Lower Upper
 164 100
 162 105.4 87.2 130.8
 160 44.9 33.3 49.9

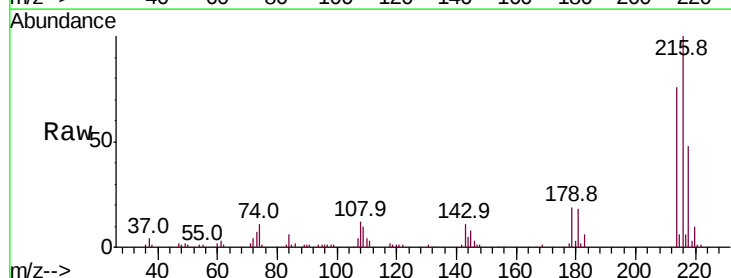


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

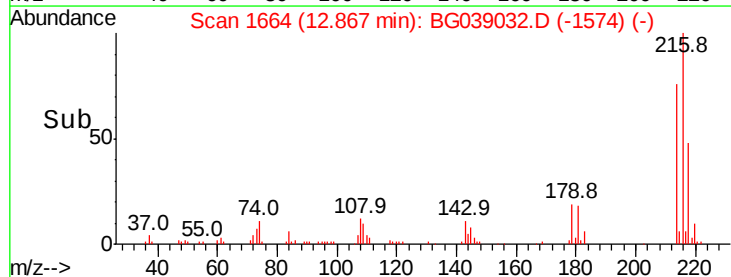
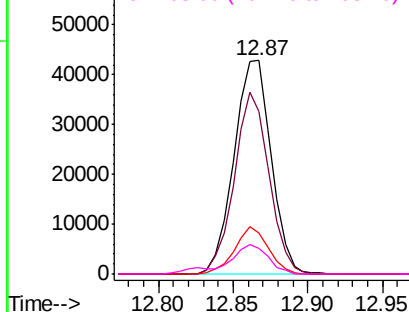


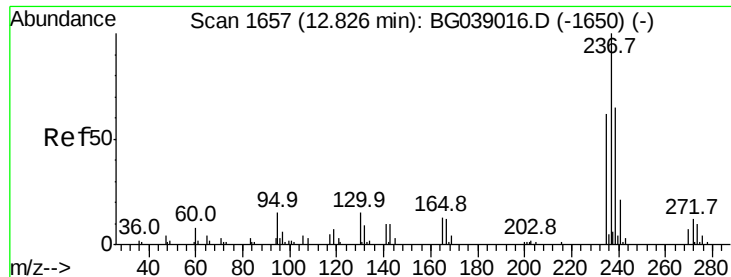
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.514 ng
 RT: 12.87 min Scan# 1664
 Delta R.T. 0.00 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Tgt Ion:216 Resp: 74173
 Ion Ratio Lower Upper
 216 100
 214 79.1 63.4 95.2
 179 19.8 15.5 23.3
 108 12.5 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: 53.254 ng

RT: 12.83 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

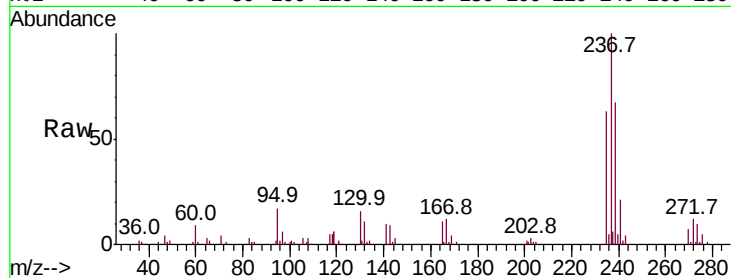
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 72454

Ion	Ratio	Lower	Upper
237	100		
235	62.6	41.7	81.7
272	12.4	0.0	32.1

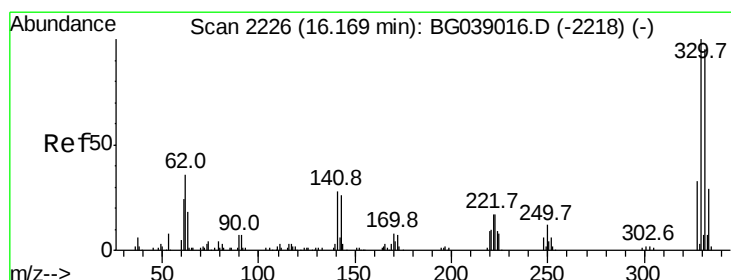
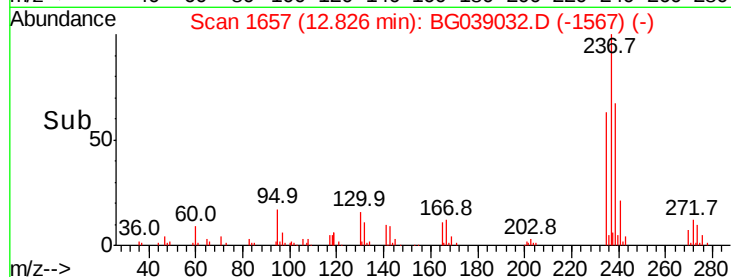
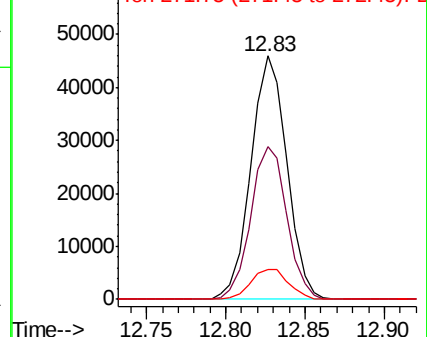


Abundance

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: 94.359 ng

RT: 16.16 min Scan# 2225

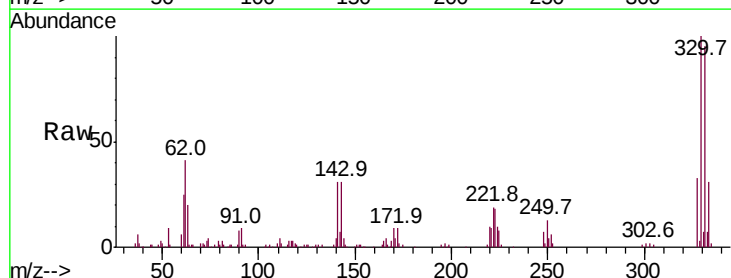
Delta R.T. -0.01 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Tgt Ion:330 Resp: 105845

Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.7	113.5
141	30.6	24.9	37.3

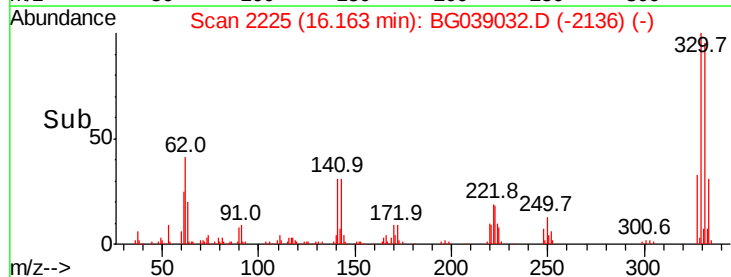
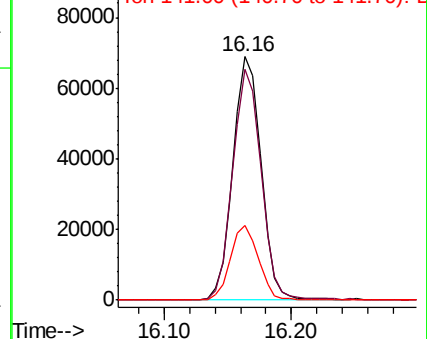


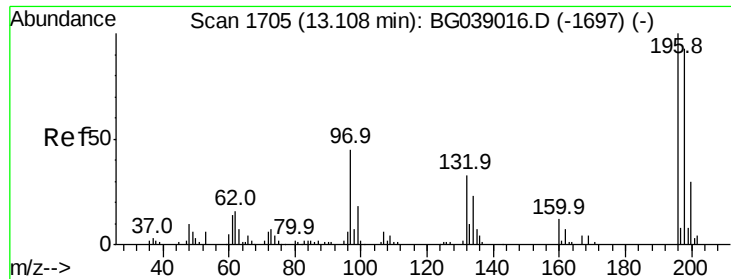
Abundance

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

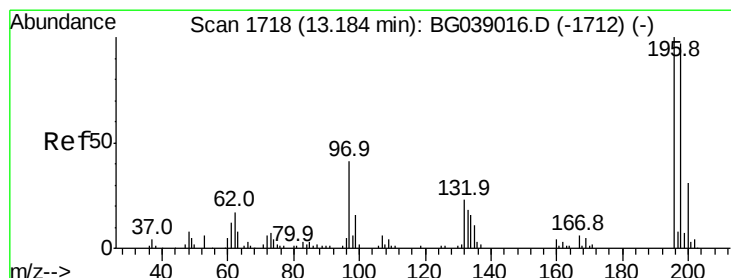
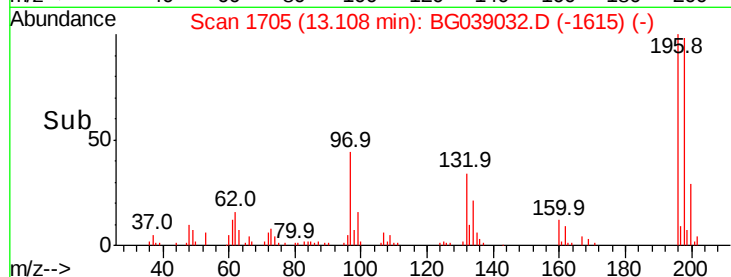
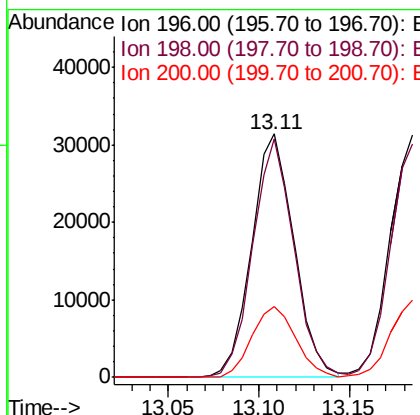
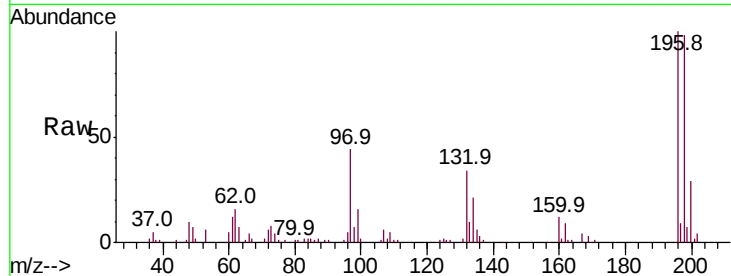




#43
 2,4,6-Trichlorophenol
 Concen: 32.185 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

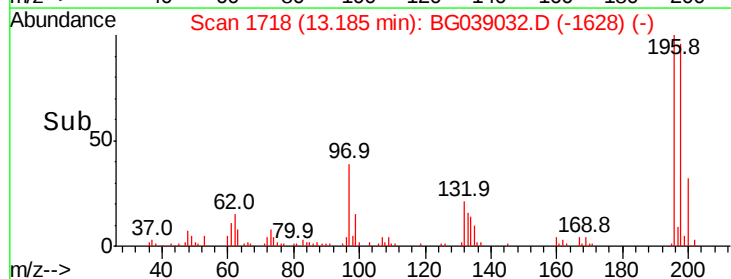
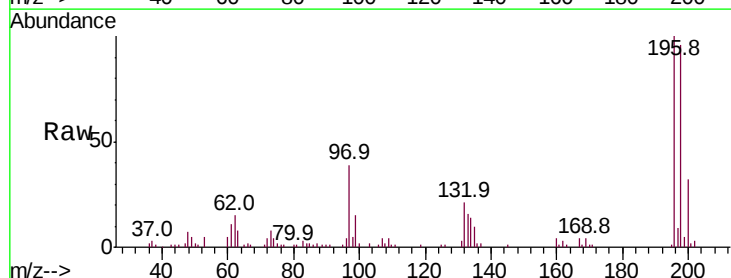
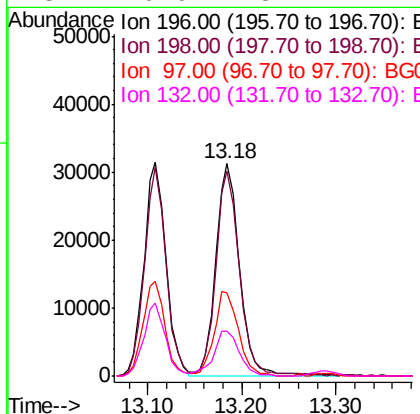
Instrument :
 BNA_G
 ClientSampled :

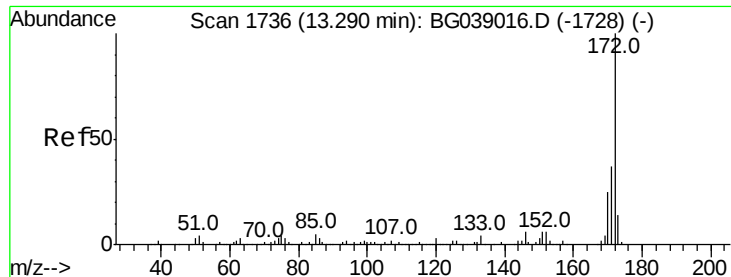
Tot Ion	196	Resp	50907
Ion	Ratio	Lower	Upper
196	100		
198	97.9	74.5	111.7
200	29.3	23.8	35.6



#44
 2,4,5-Trichlorophenol
 Concen: 33.287 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Tgt Ion	196	Resp	55647
Ion	Ratio	Lower	Upper
196	100		
198	96.5	78.1	117.1
97	39.4	33.2	49.8
132	20.9	18.2	27.4

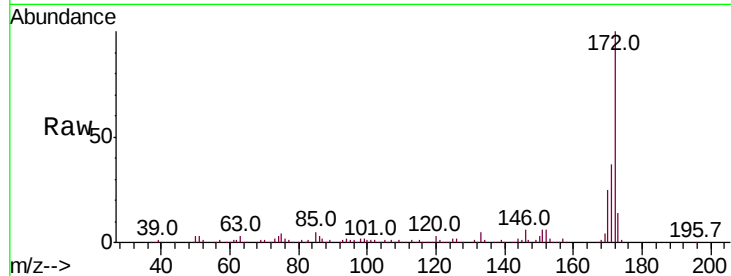




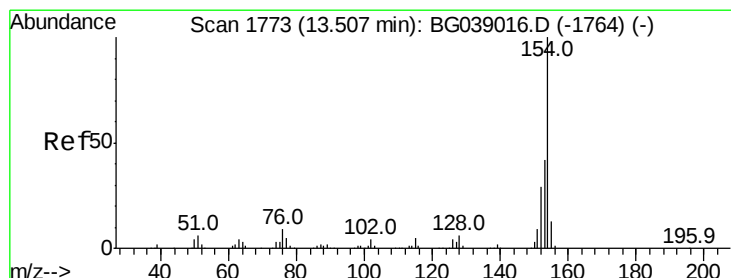
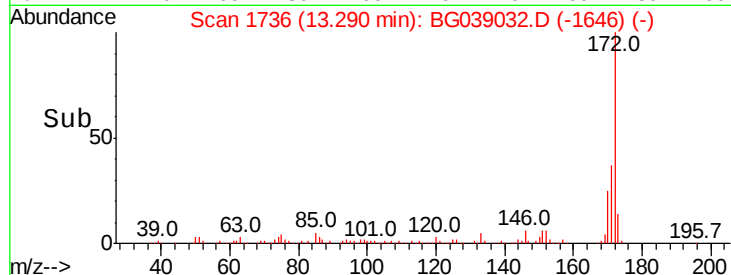
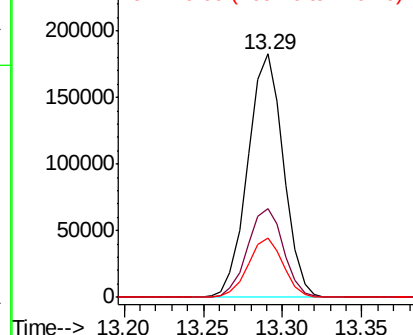
#45
2-Fluorobiphenyl
Concen: 58.273 ng
RT: 13.29 min Scan# 1736
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 284936
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 24.6 20.1 30.1

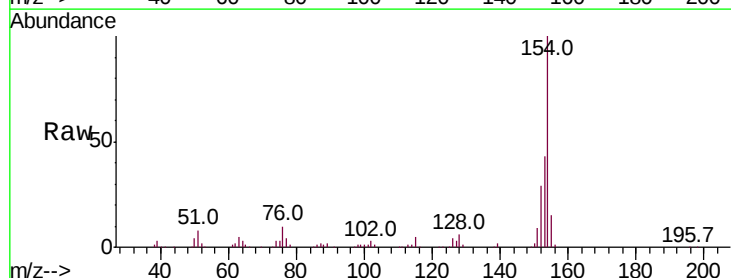


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

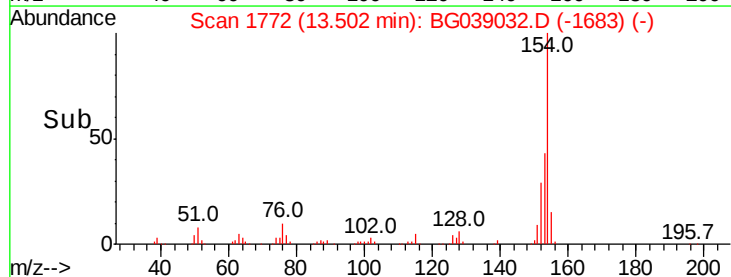
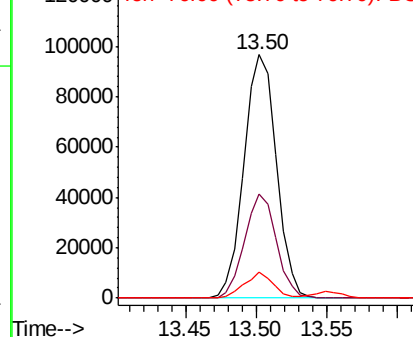


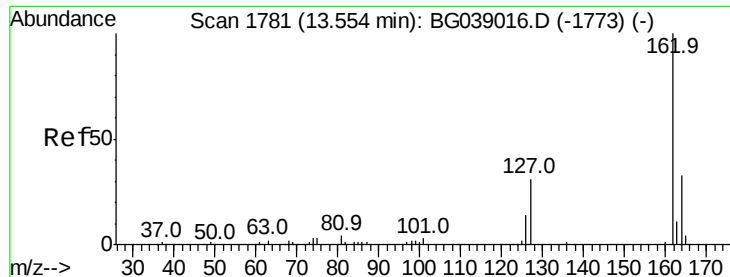
#46
1,1'-Biphenyl
Concen: 29.432 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion:154 Resp: 156059
Ion Ratio Lower Upper
154 100
153 43.0 22.4 62.4
76 10.5 0.0 29.4



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

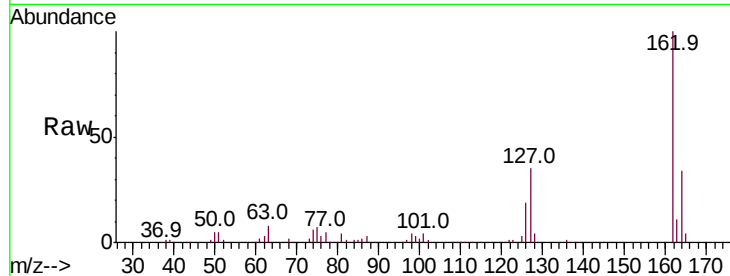




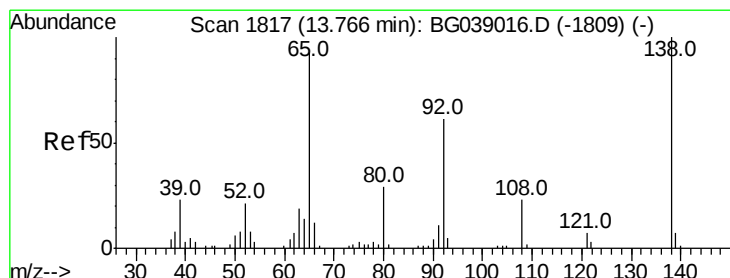
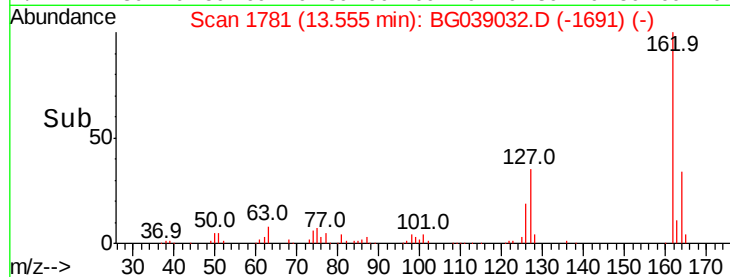
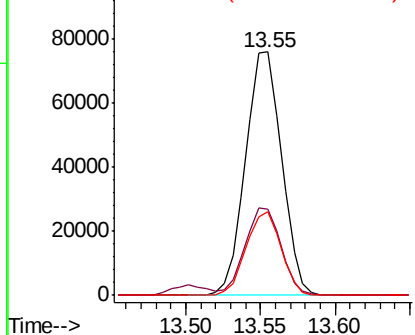
#47
 2-Chloronaphthalene
 Concen: 29.593 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 126979
 Ion Ratio Lower Upper
 162 100
 127 35.2 28.4 42.6
 164 34.2 26.3 39.5

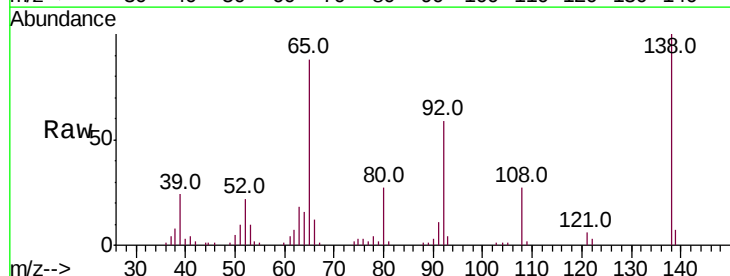


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

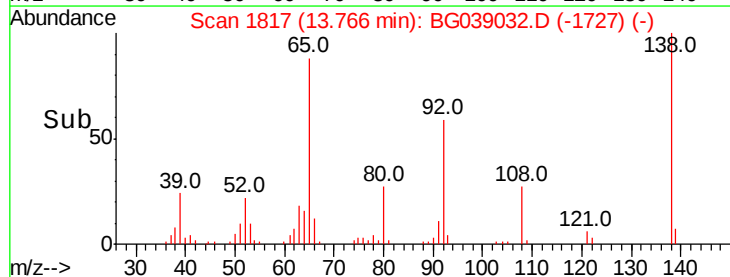
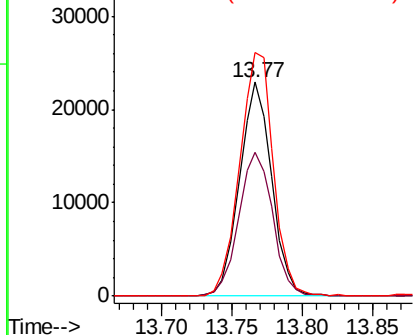


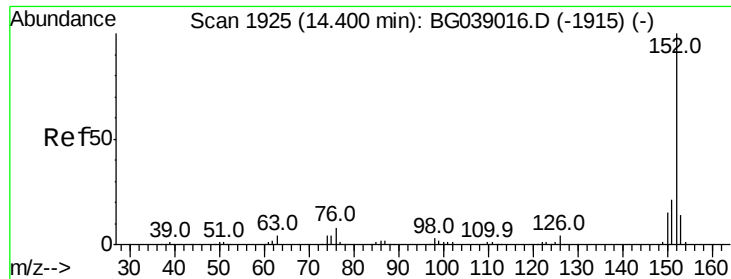
#48
 2-Nitroaniline
 Concen: 30.393 ng
 RT: 13.77 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Tgt Ion: 65 Resp: 36535
 Ion Ratio Lower Upper
 65 100
 92 67.1 52.2 78.4
 138 113.8 86.0 129.0



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





#49

Acenaphthylene

Concen: 32.413 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

ClientSampleId :

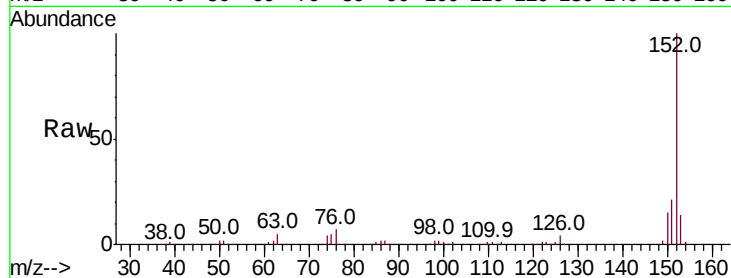
Tot Ion:152 Resp: 209043

Ion Ratio Lower Upper

152 100

151 20.8 17.0 25.4

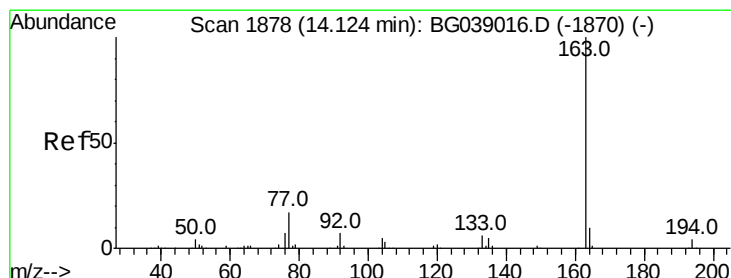
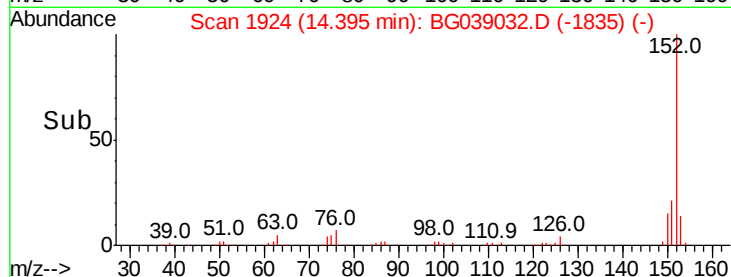
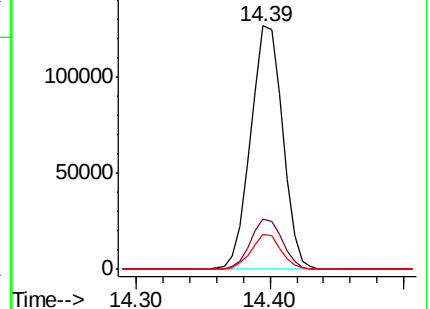
153 14.1 11.2 16.8



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: 44.814 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

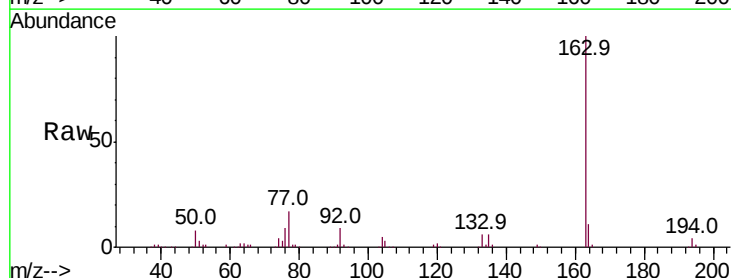
Tgt Ion:163 Resp: 253420

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

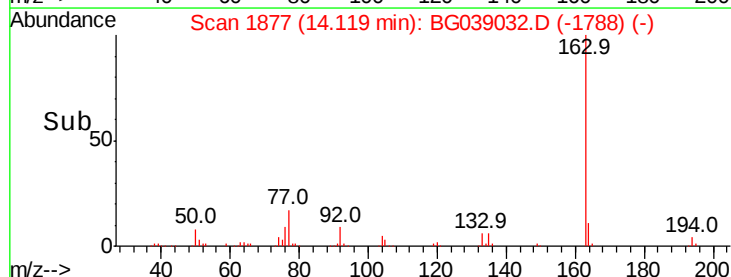
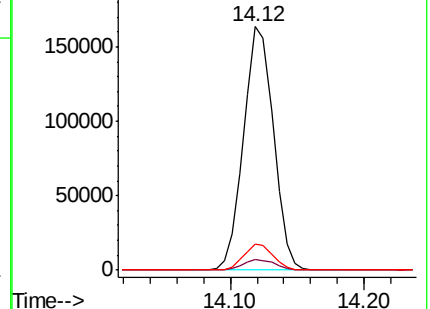
164 10.5 8.2 12.2

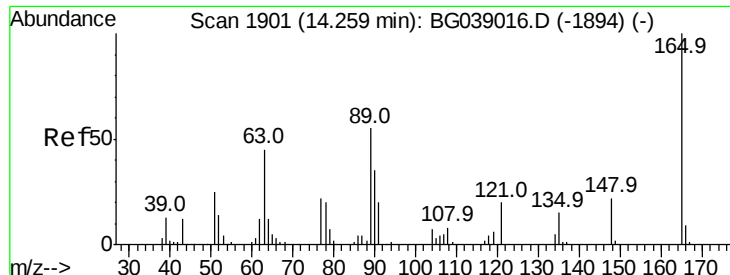


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 30.742 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

ClientSampleId :

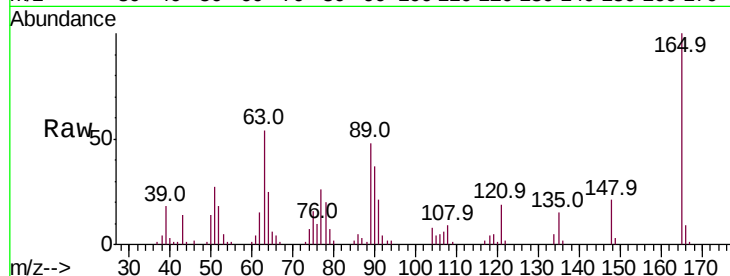
Tot Ion:165 Resp: 38866

Ion Ratio Lower Upper

165 100

63 54.5 43.6 65.4

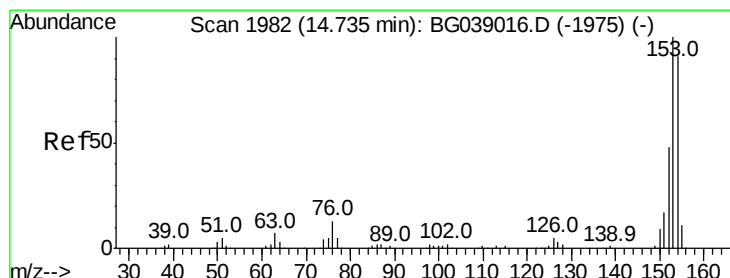
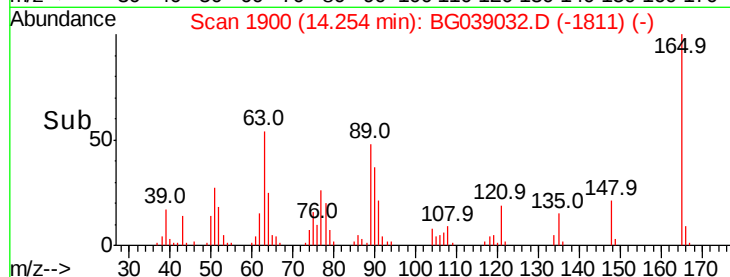
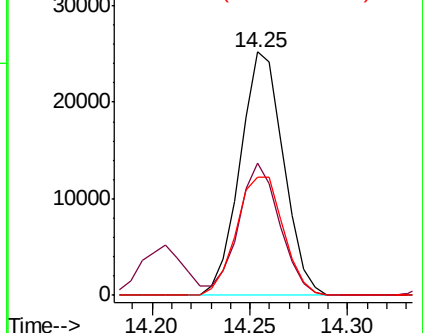
89 48.3 43.7 65.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0



#52

Acenaphthene

Concen: 31.212 ng

RT: 14.74 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

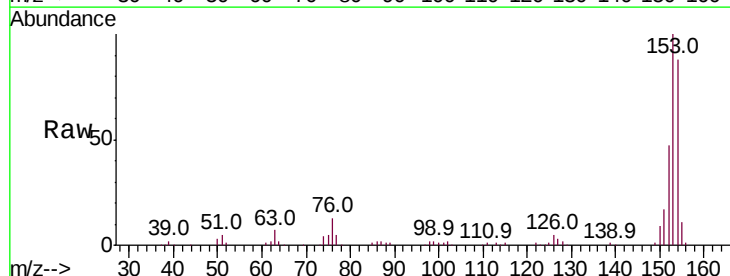
Tgt Ion:154 Resp: 120946

Ion Ratio Lower Upper

154 100

153 113.2 87.9 131.9

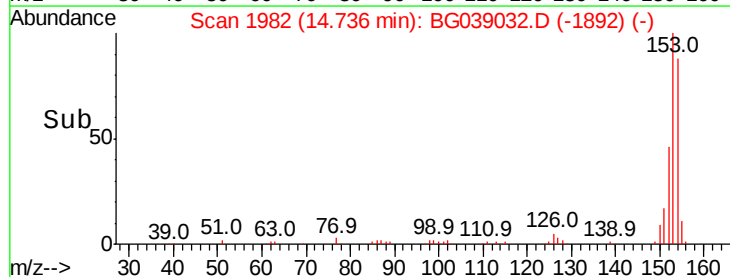
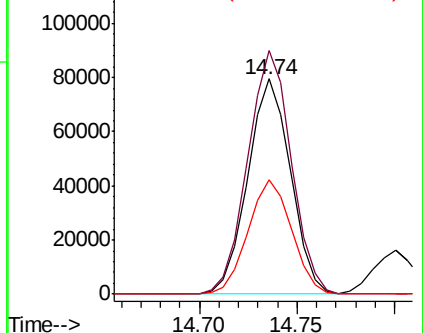
152 53.3 42.2 63.2

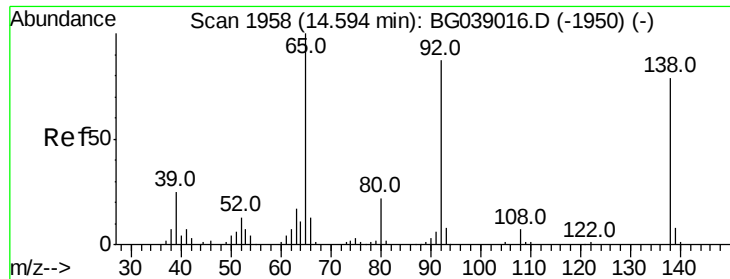


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 20.056 ng

RT: 14.59 min Scan# 1958

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

ClientSampleId :

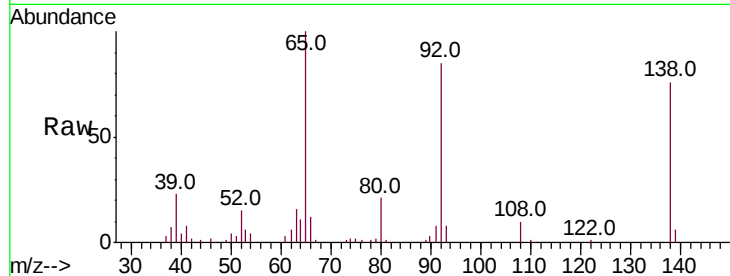
Tot Ion:138 Resp: 25722

Ion Ratio Lower Upper

138 100

108 12.4 7.4 11.0#

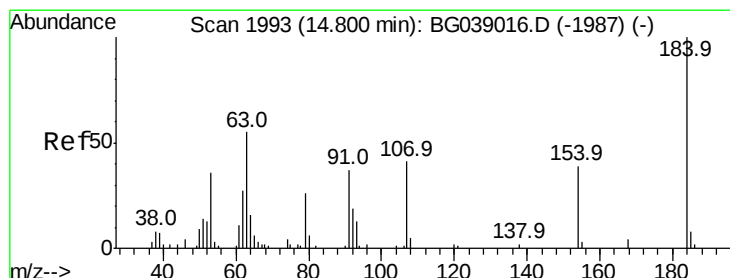
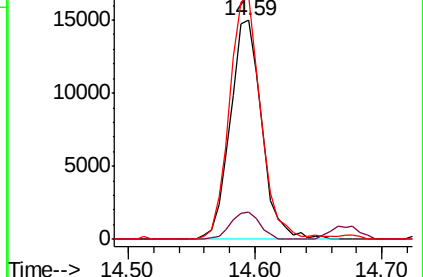
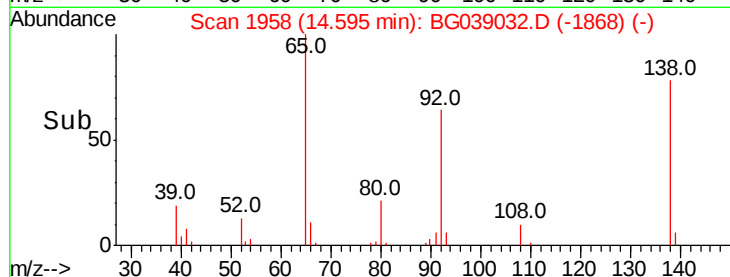
92 111.1 88.2 132.4



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: 57.498 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

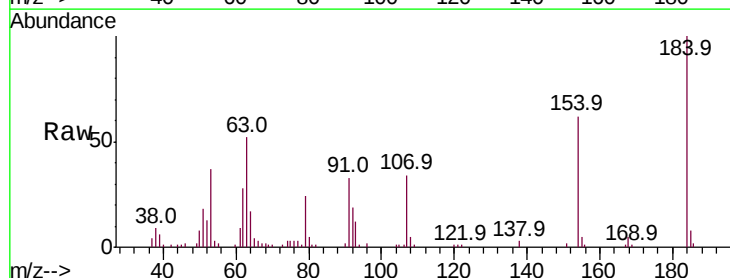
Tgt Ion:184 Resp: 42234

Ion Ratio Lower Upper

184 100

63 52.2 44.0 66.0

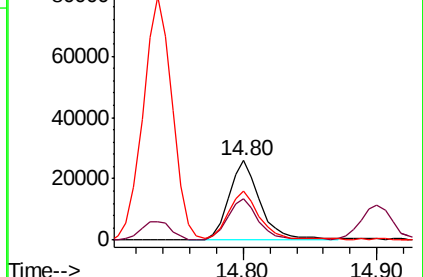
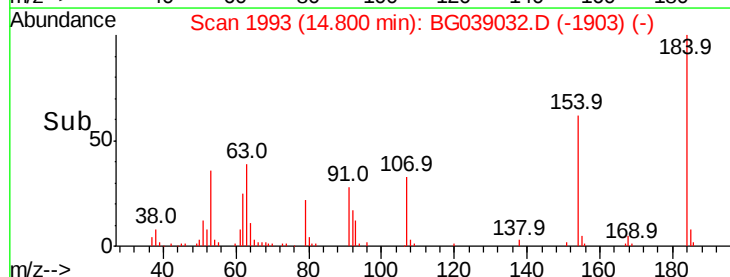
154 62.3 46.1 69.1

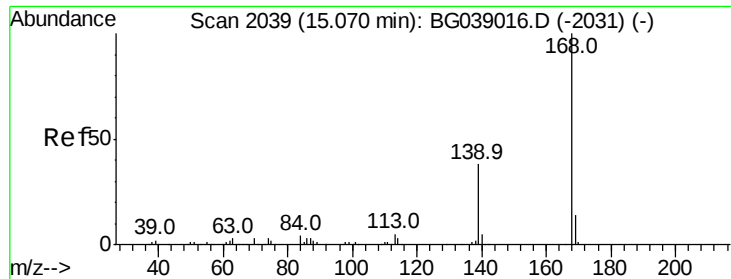


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 30.691 ng

RT: 15.07 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

ClientSampleId :

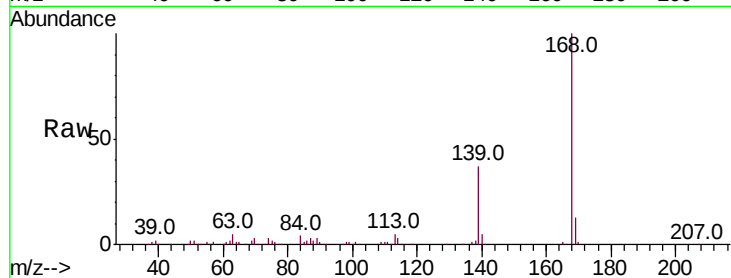
Tot Ion:168 Resp: 210038

Ion Ratio Lower Upper

168 100

139 36.9 30.1 45.1

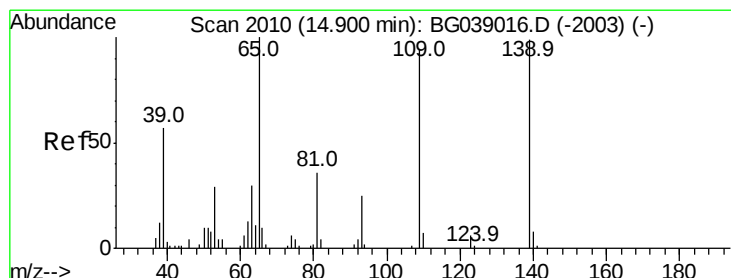
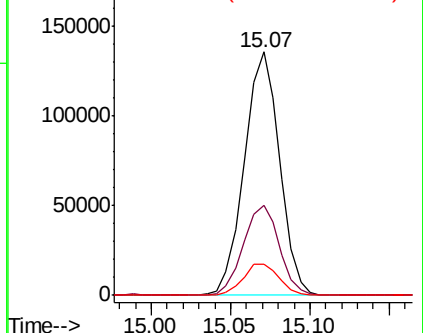
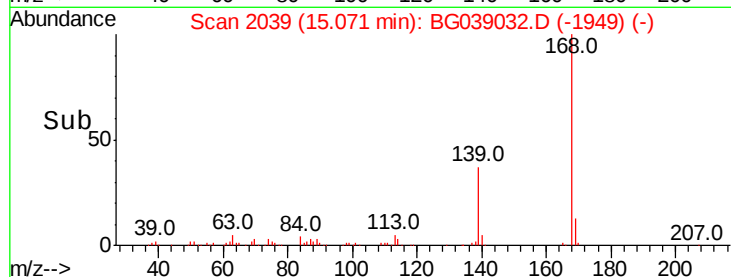
169 12.9 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 65.827 ng

RT: 14.90 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

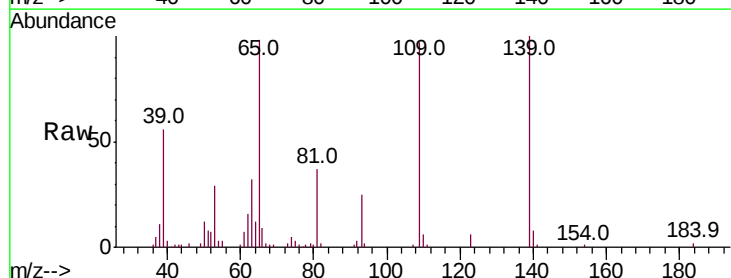
Tgt Ion:139 Resp: 60746

Ion Ratio Lower Upper

139 100

109 97.2 75.6 115.6

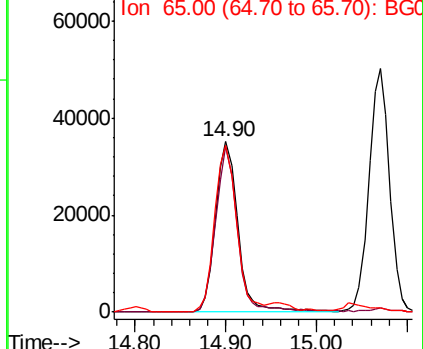
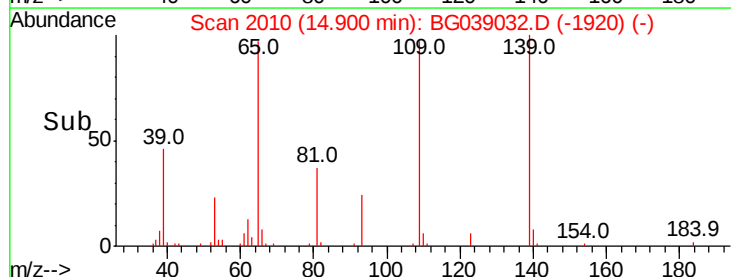
65 98.1 81.2 121.2

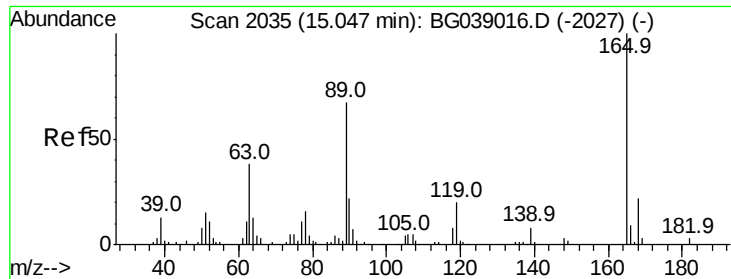


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

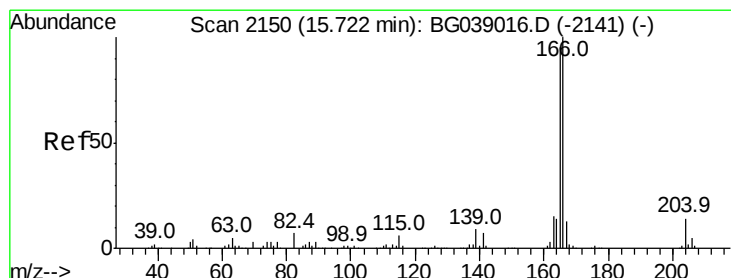
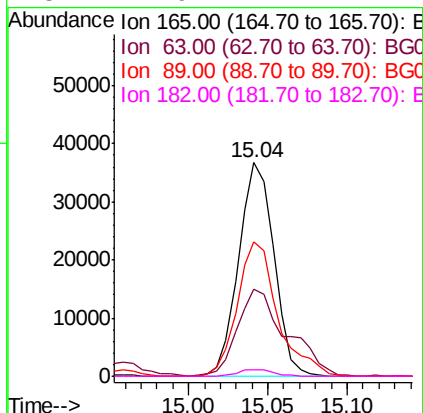
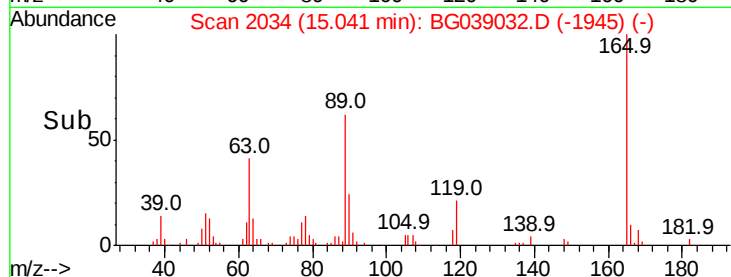
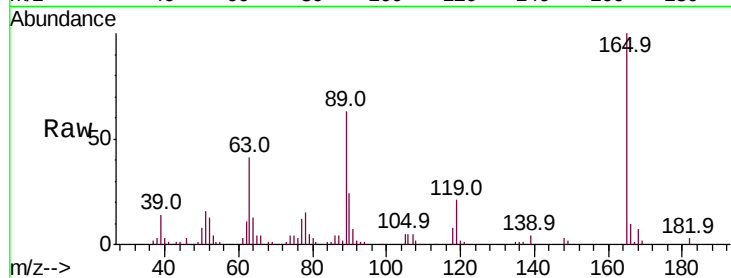




#57
2,4-Dinitrotoluene
Concen: 31.260 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

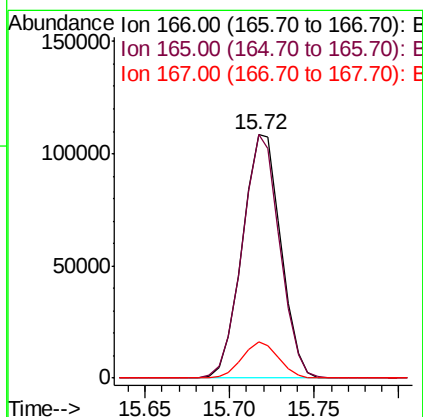
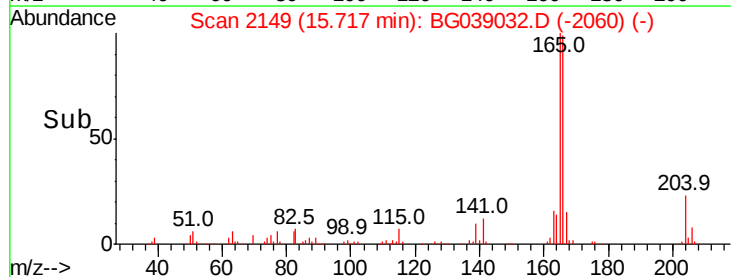
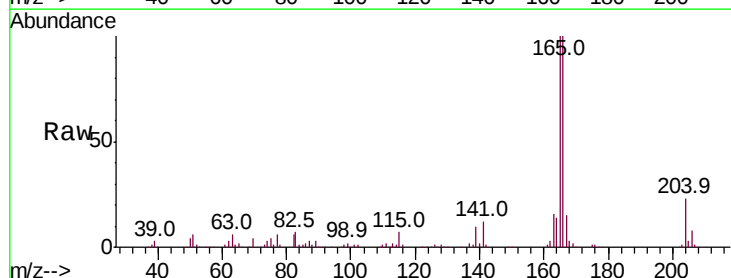
Instrument :
BNA_G
ClientSampleId :

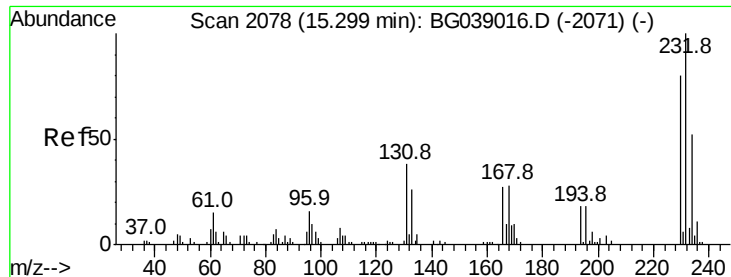
Tot Ion:165 Resp: 56700
Ion Ratio Lower Upper
165 100
63 41.0 30.2 45.4
89 62.8 53.2 79.8
182 2.9 2.7 4.1



#58
Fluorene
Concen: 33.358 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion:166 Resp: 171838
Ion Ratio Lower Upper
166 100
165 100.1 76.2 114.2
167 15.2 10.6 16.0

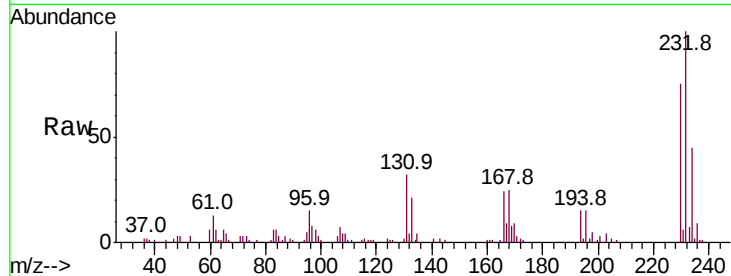




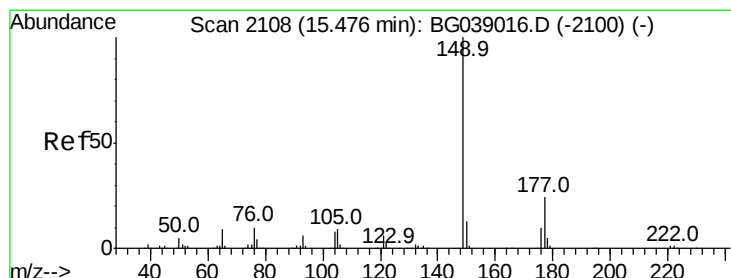
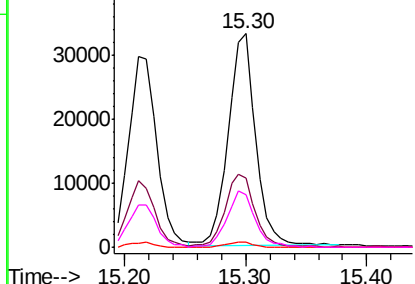
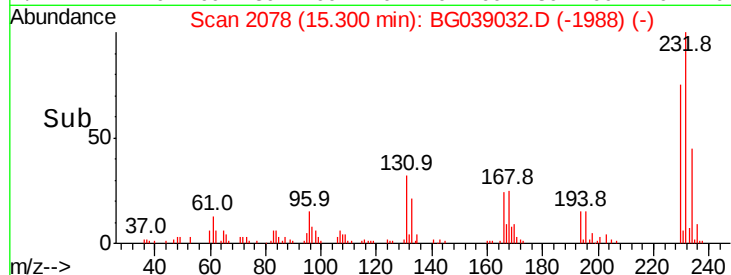
#59
2,3,4,6-Tetrachlorophenol
Concen: 33.508 ng
RT: 15.30 min Scan# 2078
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampled :

Tot Ion:232 Resp: 52878
Ion Ratio Lower Upper
232 100
131 37.1 30.9 46.3
130 2.3 1.9 2.9
166 27.1 22.1 33.1

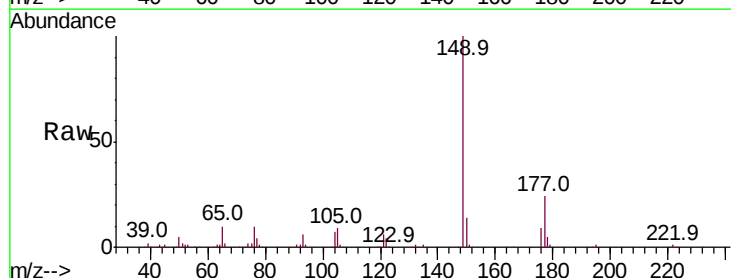


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

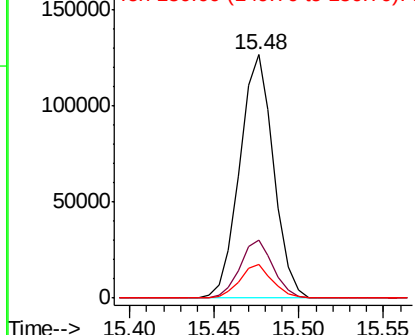
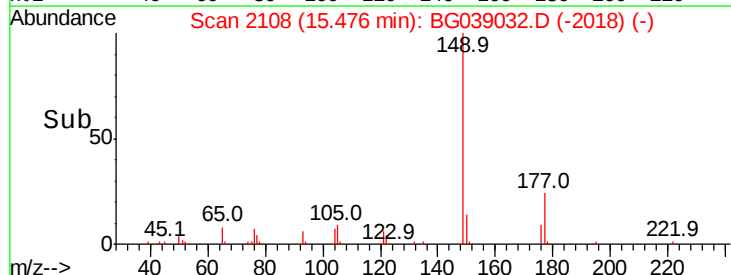


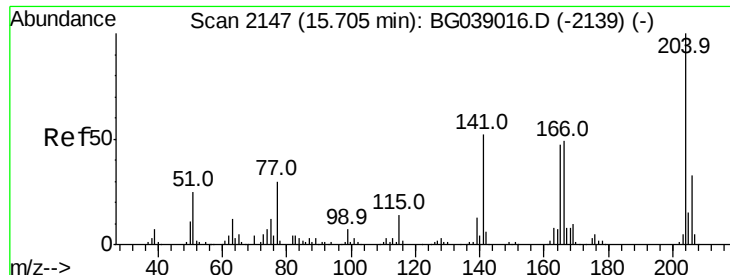
#60
Diethylphthalate
Concen: 30.232 ng
RT: 15.48 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion:149 Resp: 176142
Ion Ratio Lower Upper
149 100
177 23.9 19.0 28.6
150 13.6 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

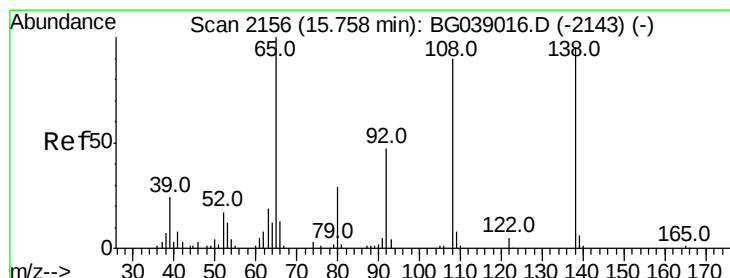
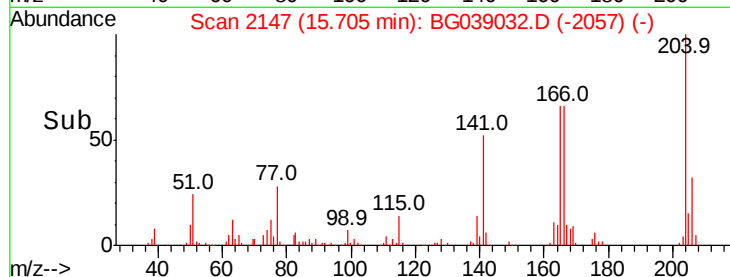
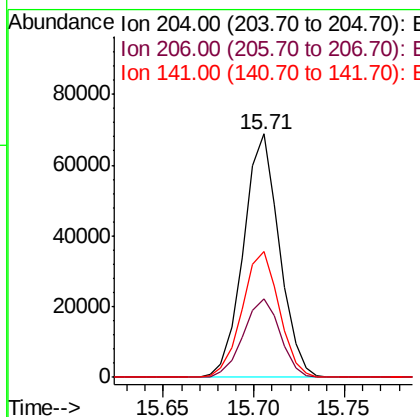
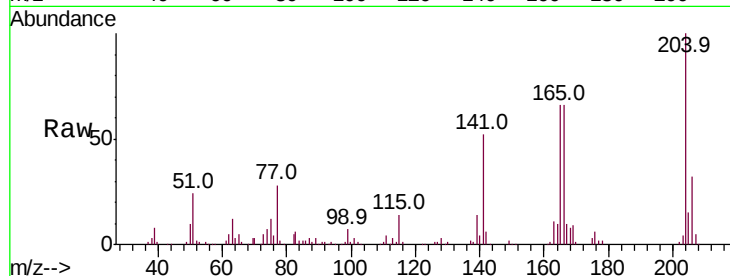




#61
 4-Chlorophenyl-phenylether
 Concen: 29.144 ng
 RT: 15.71 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

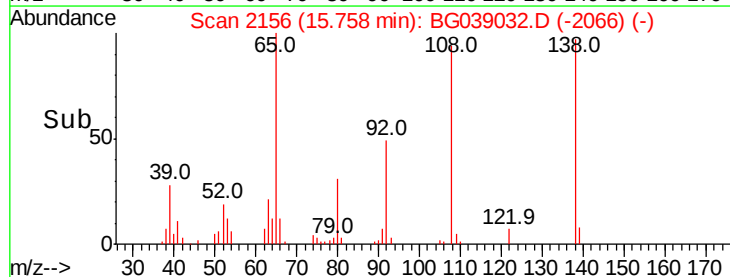
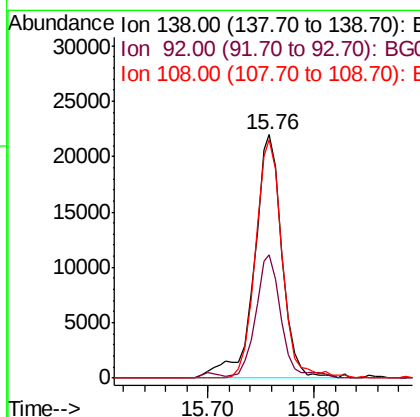
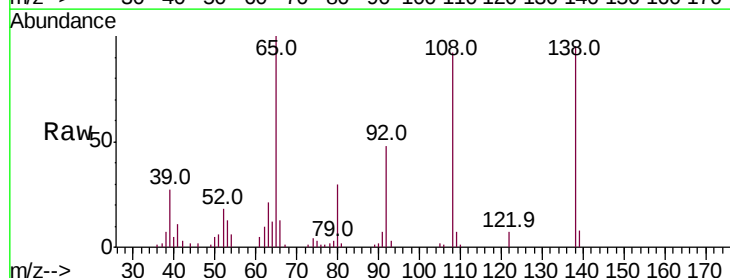
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 94583
 Ion Ratio Lower Upper
 204 100
 206 32.5 26.6 39.8
 141 51.5 41.4 62.0



#62
 4-Nitroaniline
 Concen: 30.119 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Tgt Ion:138 Resp: 40241
 Ion Ratio Lower Upper
 138 100
 92 50.8 29.7 69.7
 108 97.7 75.7 115.7





#63

Azobenzene

Concen: 30.189 ng

RT: 16.00 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 137551

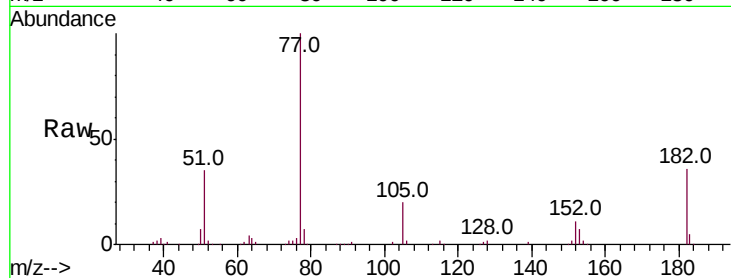
Ion Ratio Lower Upper

77 100

182 35.8 12.2 52.2

105 19.6 1.2 41.2

51 35.3 13.4 53.4



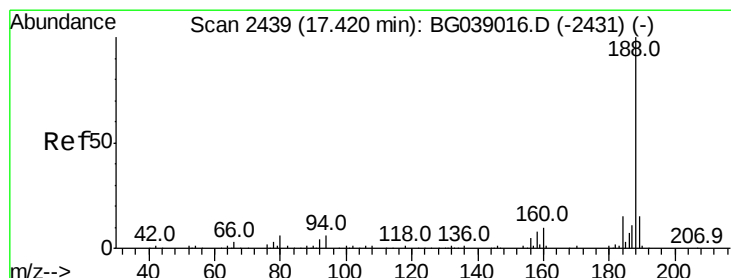
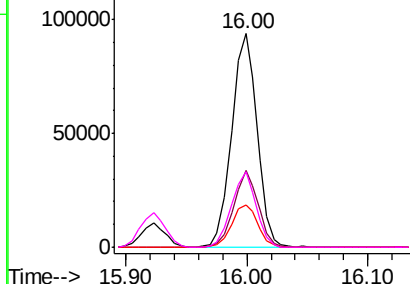
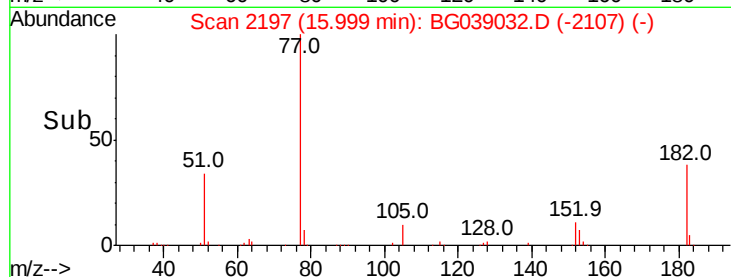
Abundance

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# 2439

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

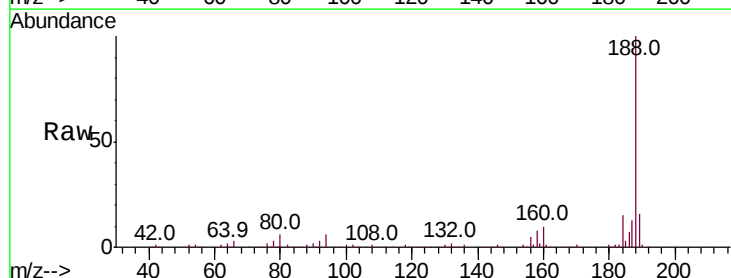
Tgt Ion: 188 Resp: 172018

Ion Ratio Lower Upper

188 100

94 6.5 5.0 7.4

80 6.4 4.7 7.1

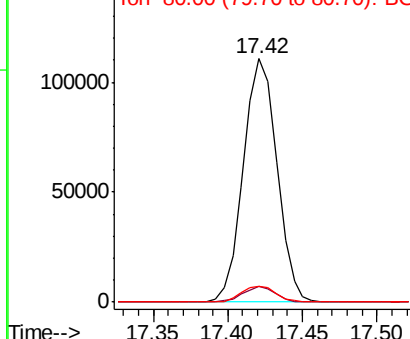
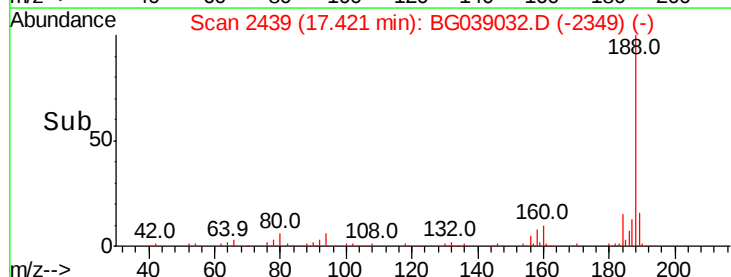


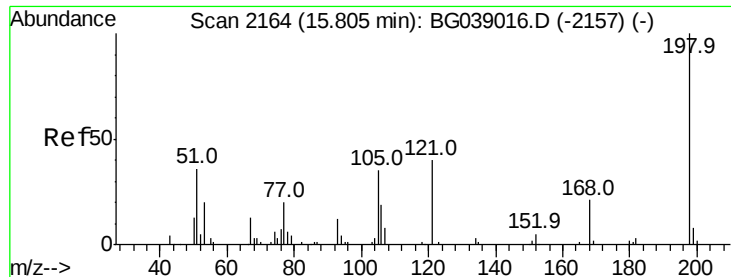
Abundance

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: 29.000 ng

RT: 15.81 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

ClientSampleId :

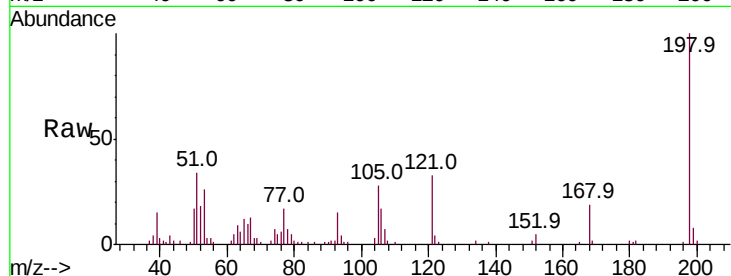
Tot Ion:198 Resp: 36958

Ion Ratio Lower Upper

198 100

51 33.6 20.8 60.8

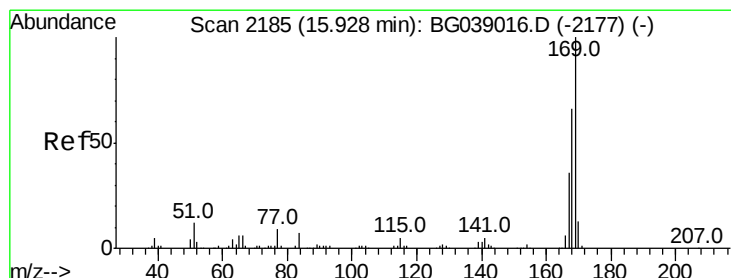
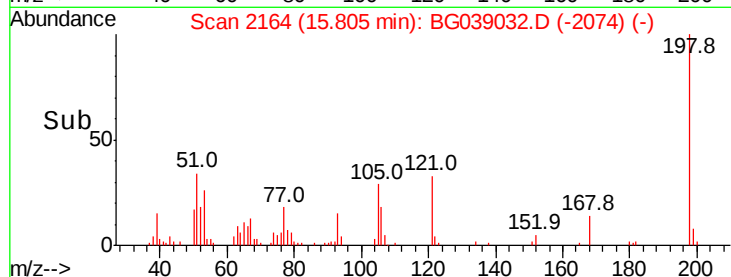
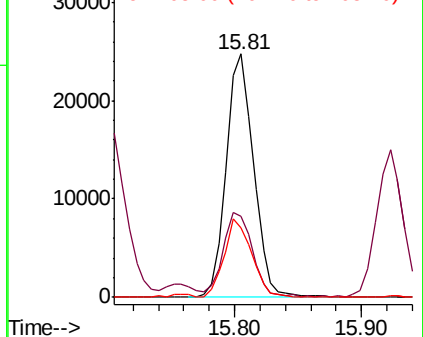
105 28.4 16.1 56.1



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: 30.050 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

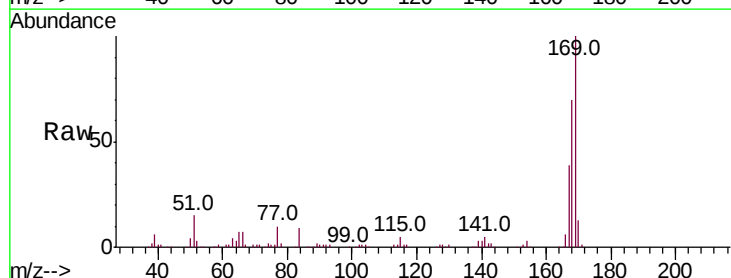
Tgt Ion:169 Resp: 153240

Ion Ratio Lower Upper

169 100

168 70.2 53.2 79.8

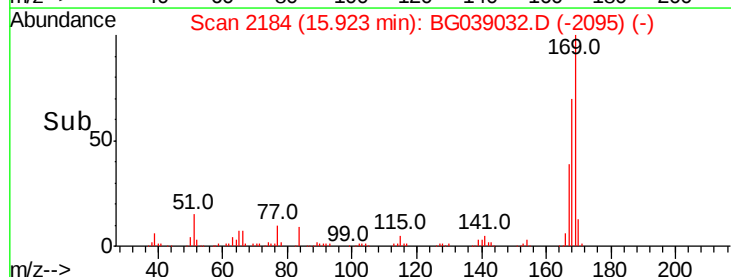
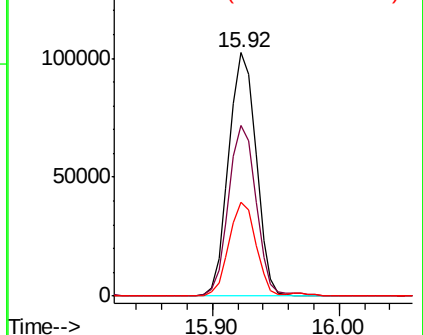
167 38.7 29.1 43.7

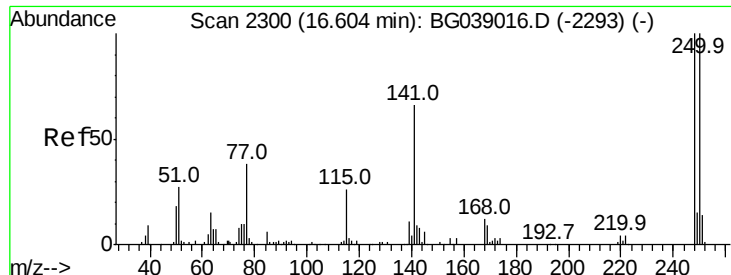


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

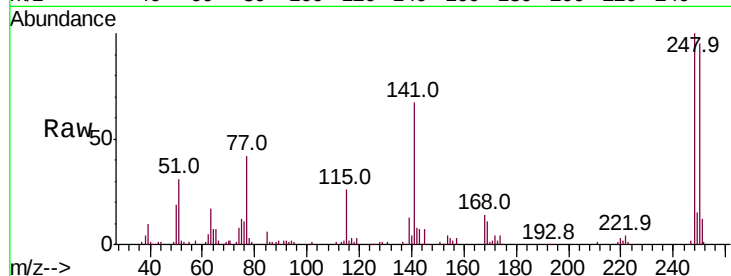




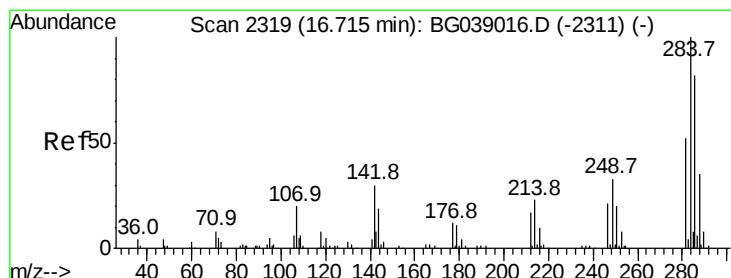
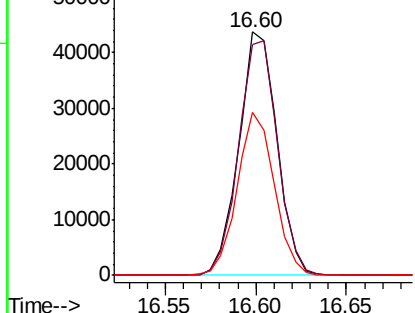
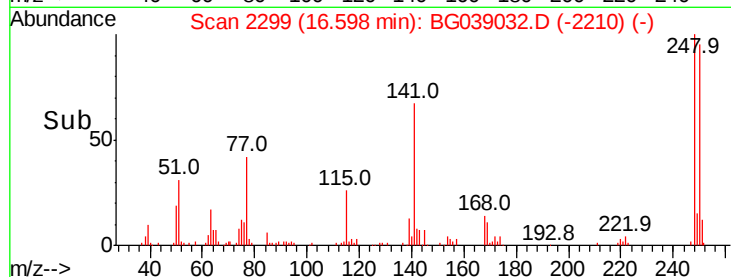
#67
4-Bromophenyl-phenylether
Concen: 28.885 ng
RT: 16.60 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 63871
Ion Ratio Lower Upper
248 100
250 94.6 79.9 119.9
141 66.8 52.7 79.1

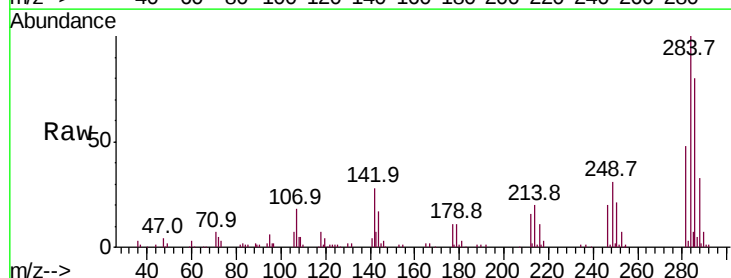


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

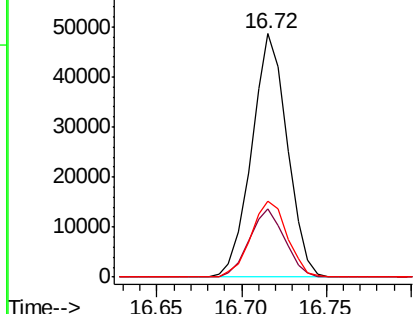
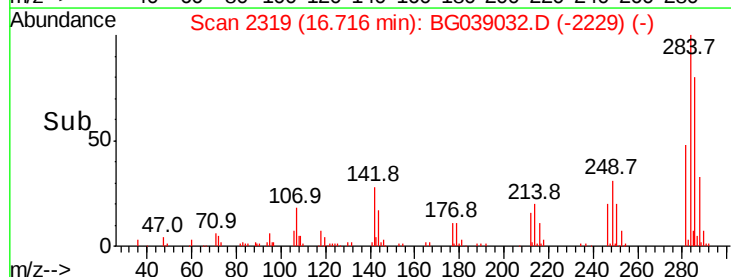


#68
Hexachlorobenzene
Concen: 29.498 ng
RT: 16.72 min Scan# 2319
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion:284 Resp: 71173
Ion Ratio Lower Upper
284 100
142 28.3 24.3 36.5
249 33.3 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

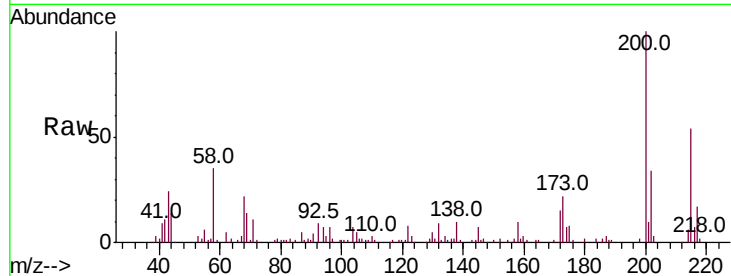




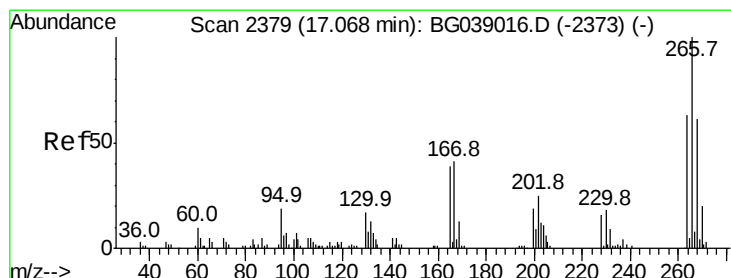
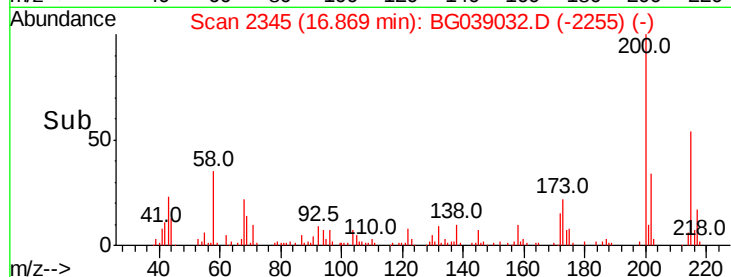
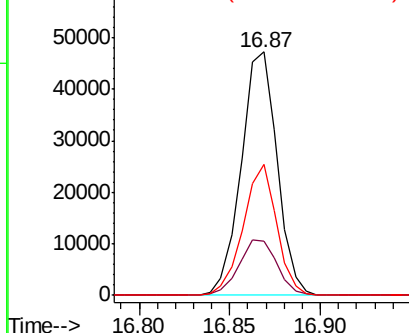
#69
 Atrazine
 Concen: 29.999 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. 0.00 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.2	2.6	42.6
215	53.5	28.0	68.0

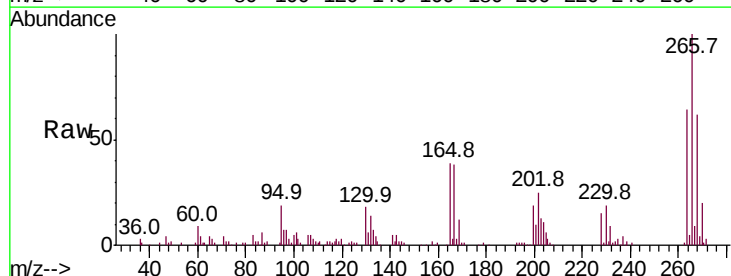


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

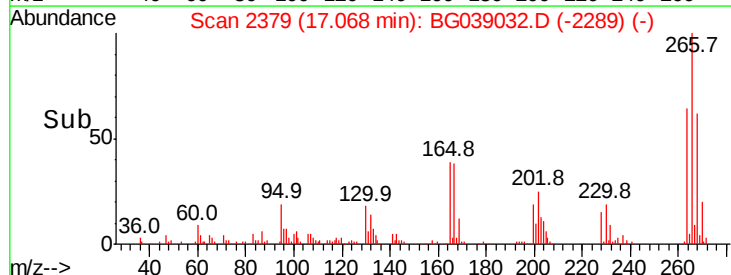
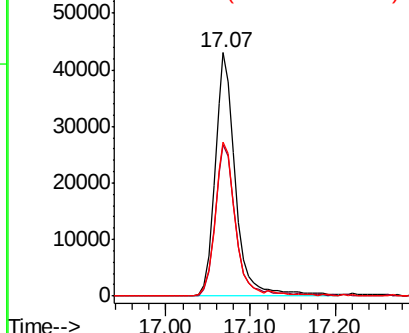


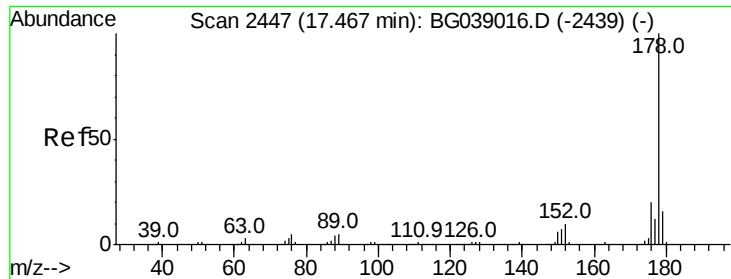
#70
 Pentachlorophenol
 Concen: 51.139 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. 0.00 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.4	52.0	78.0
264	63.5	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

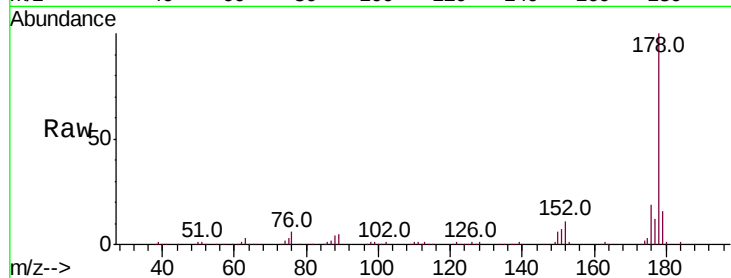




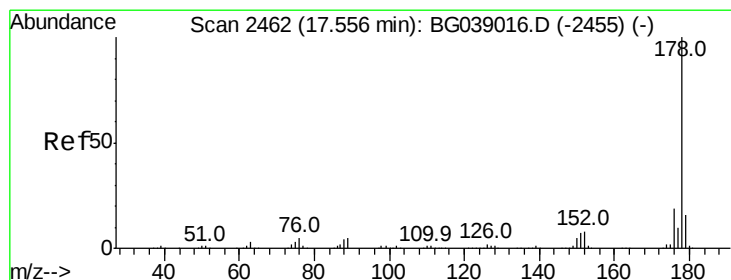
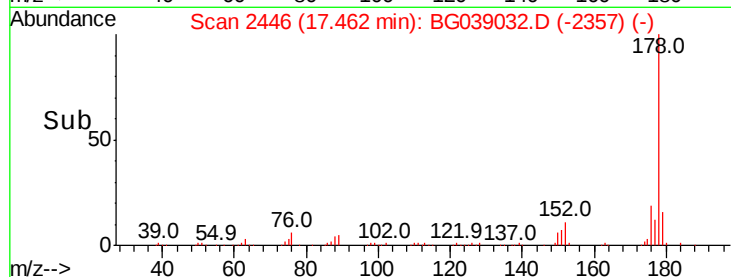
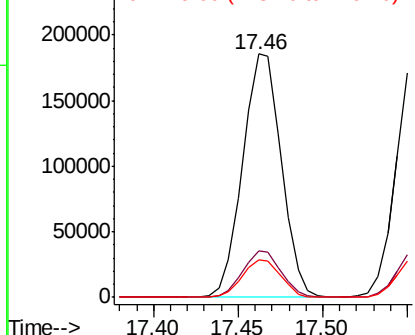
#71
 Phenanthrene
 Concen: 32.508 ng
 RT: 17.46 min Scan# 2446
 Delta R.T. -0.01 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 295570
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.7 23.5
 179 15.7 12.9 19.3

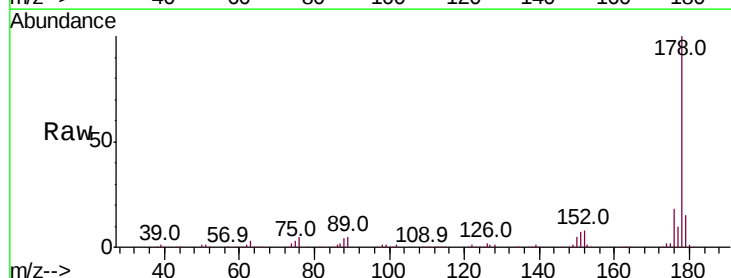


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

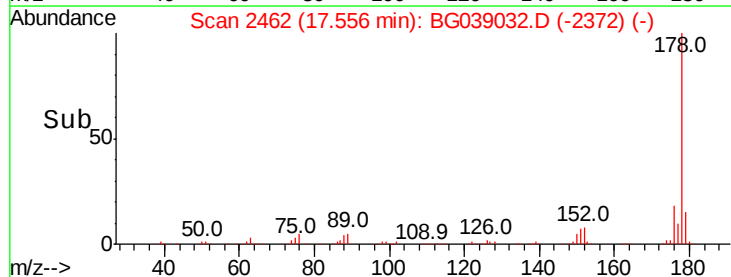
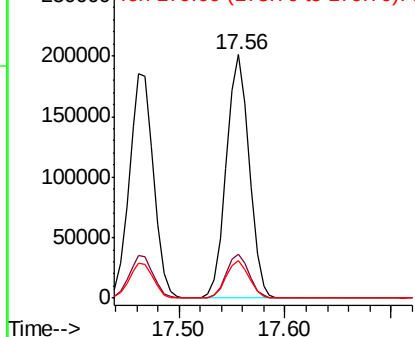


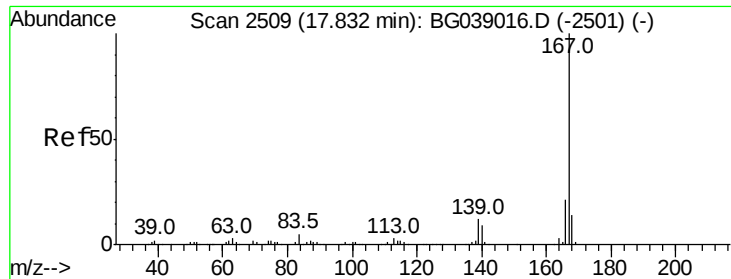
#72
 Anthracene
 Concen: 33.510 ng
 RT: 17.56 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Tgt Ion:178 Resp: 301256
 Ion Ratio Lower Upper
 178 100
 176 18.1 14.9 22.3
 179 15.4 13.0 19.4



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

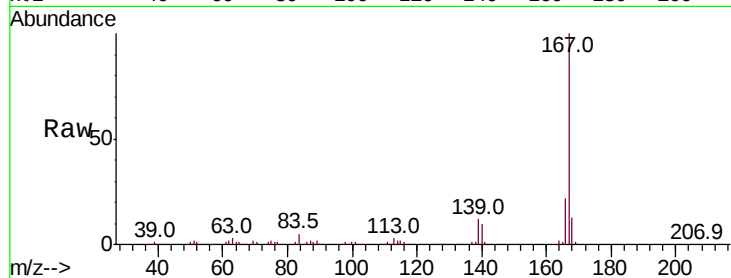




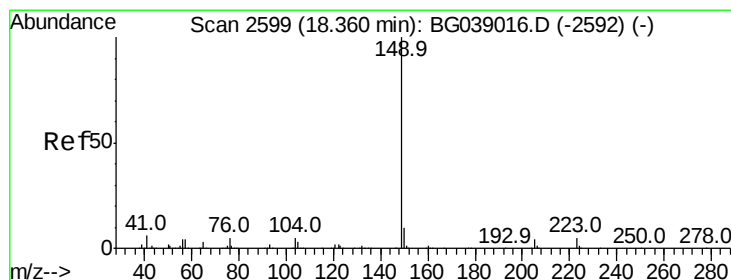
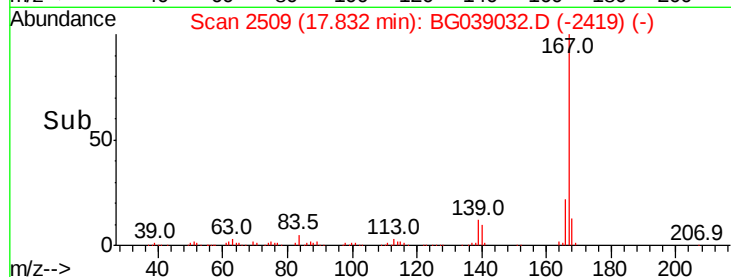
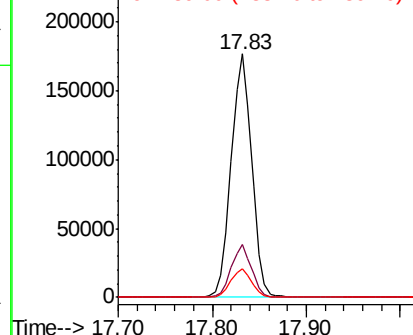
#73
 Carbazole
 Concen: 30.289 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 268804
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.9 25.3
 139 11.7 10.0 15.0

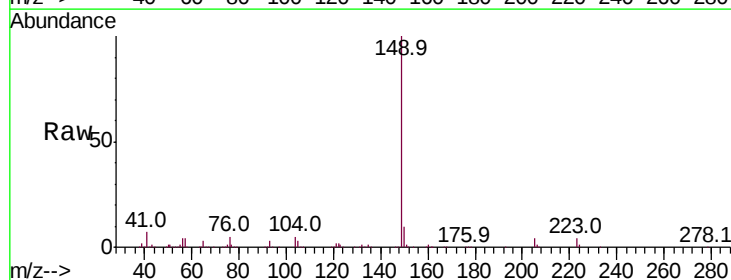


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

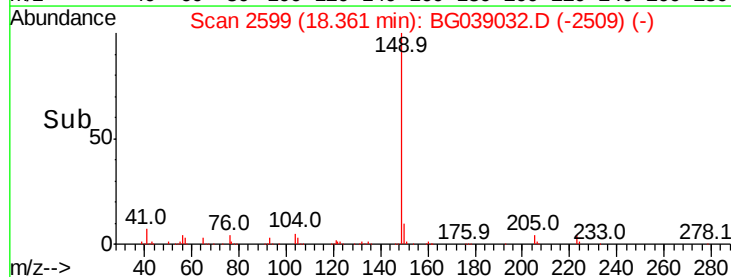
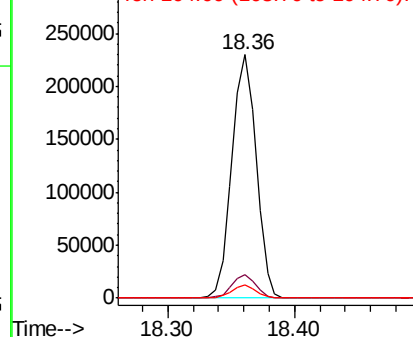


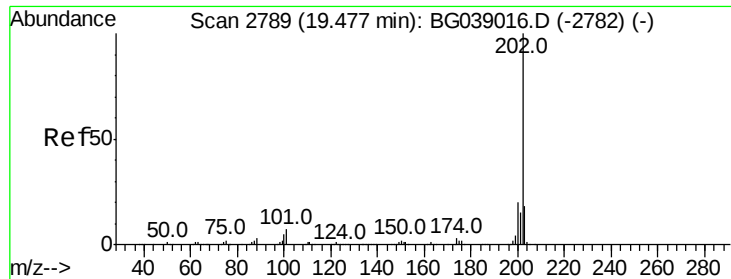
#74
 Di-n-butylphthalate
 Concen: 30.823 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. 0.00 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Tgt Ion:149 Resp: 304304
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.9 11.9
 104 5.2 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: 33.796 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

ClientSampleId :

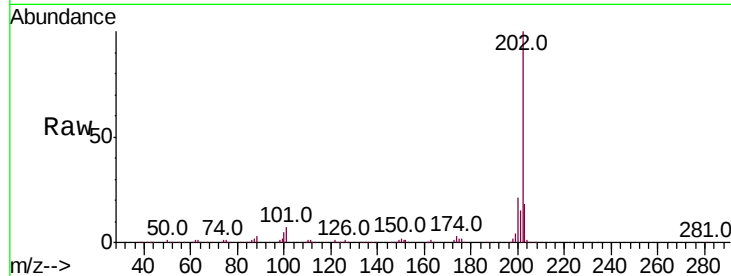
Tot Ion:202 Resp: 380931

Ion Ratio Lower Upper

202 100

101 6.8 0.0 26.9

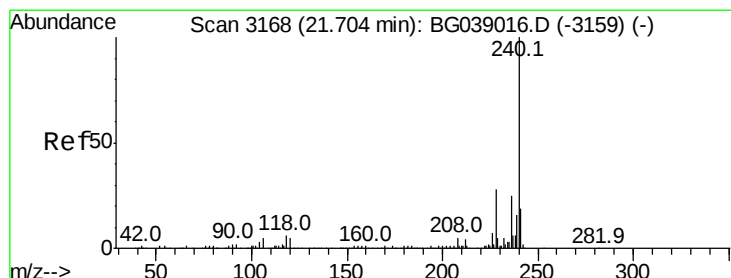
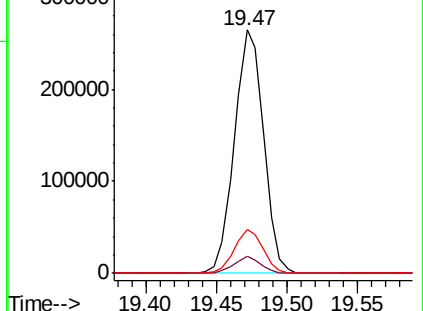
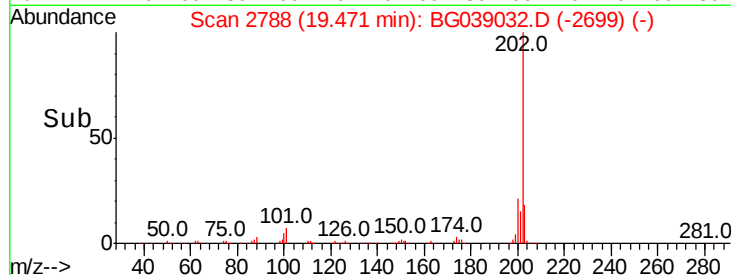
203 18.2 0.0 38.1



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# 3167

Delta R.T. -0.01 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

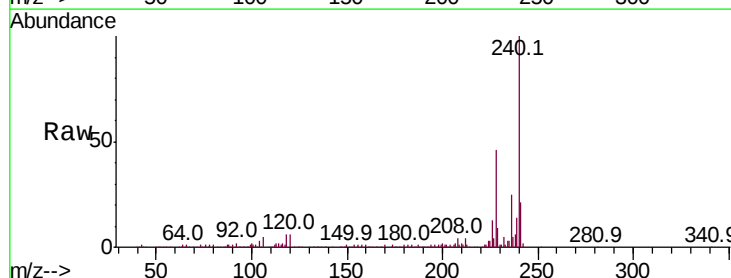
Tgt Ion:240 Resp: 173828

Ion Ratio Lower Upper

240 100

120 6.0 4.3 6.5

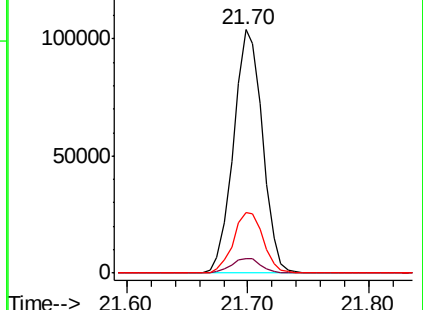
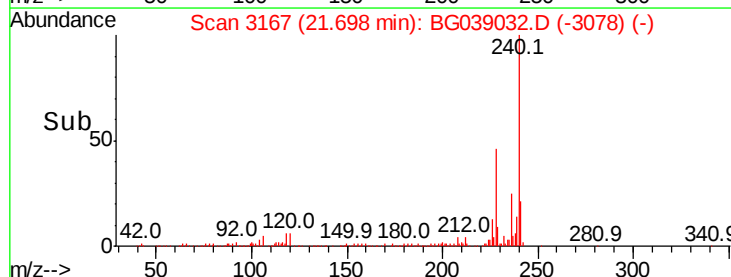
236 25.0 20.1 30.1

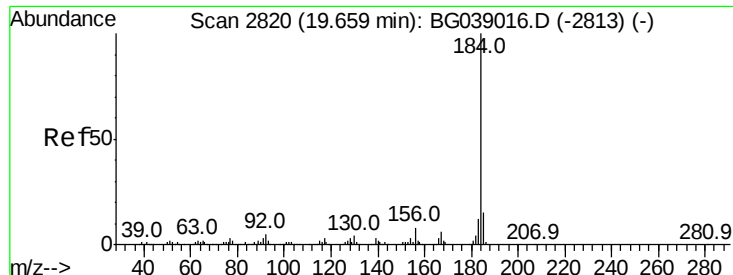


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.472 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

ClientSampleId :

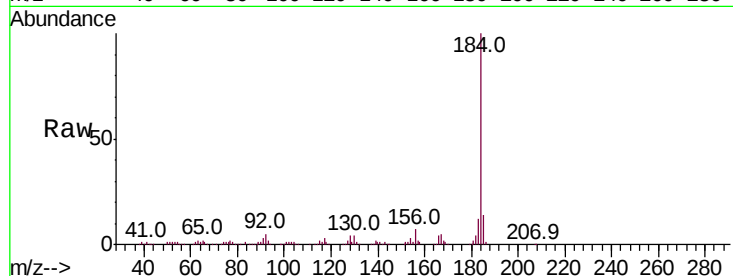
Tot Ion:184 Resp: 172644

Ion Ratio Lower Upper

184 100

185 14.2 12.1 18.1

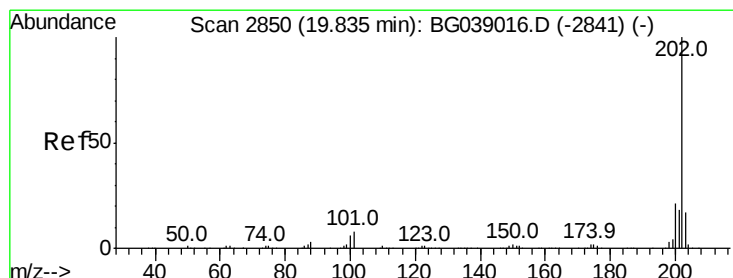
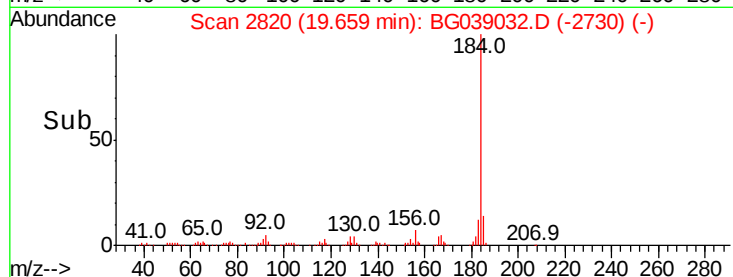
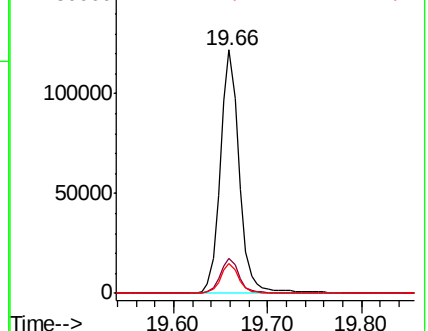
183 12.2 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 33.808 ng

RT: 19.84 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

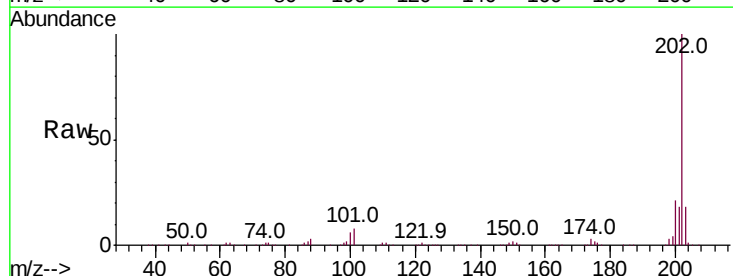
Tgt Ion:202 Resp: 374517

Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.6

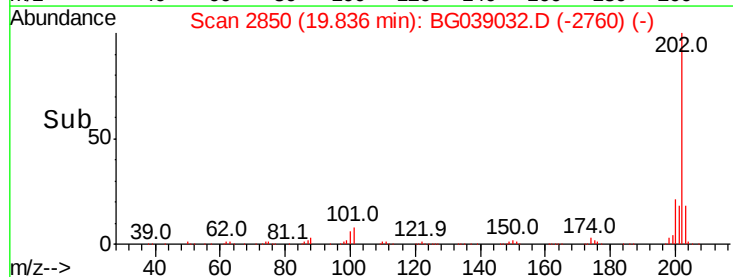
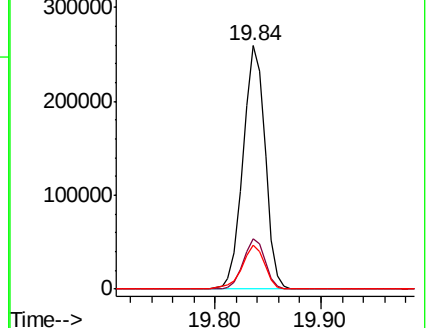
203 18.0 14.0 21.0

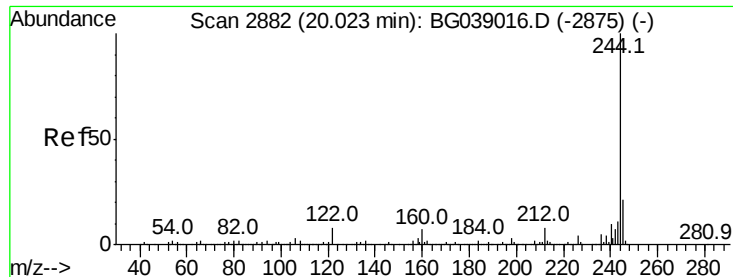


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 56.749 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

ClientSampled :

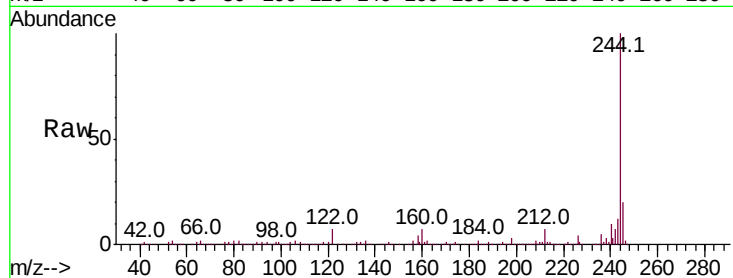
Tot Ion:244 Resp: 533248

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

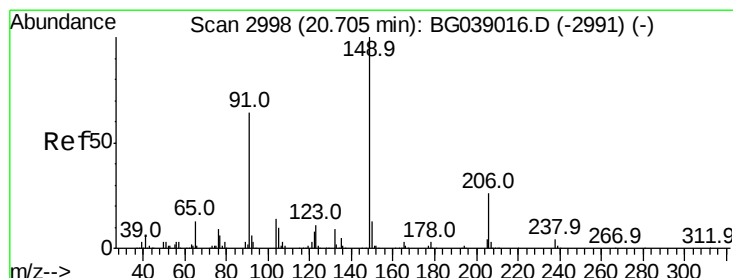
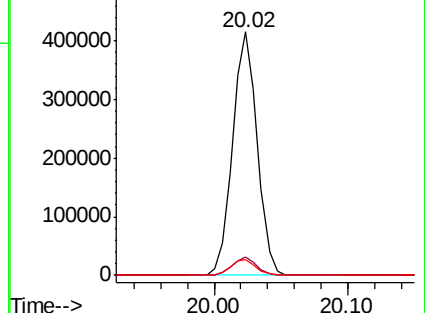
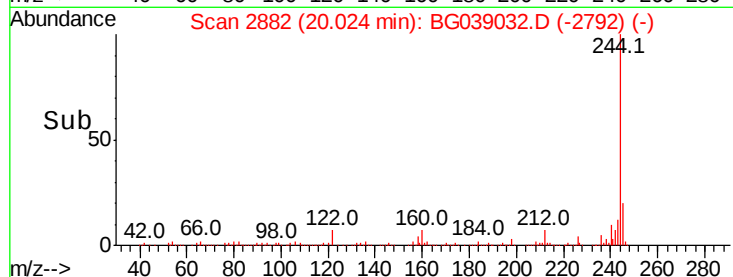
122 6.5 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 31.887 ng

RT: 20.71 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

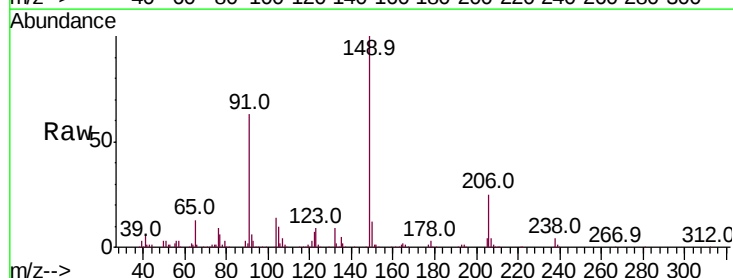
Tgt Ion:149 Resp: 134352

Ion Ratio Lower Upper

149 100

91 63.0 51.4 77.0

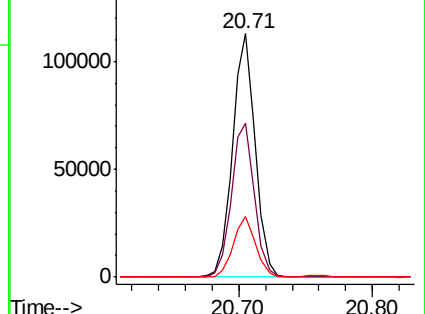
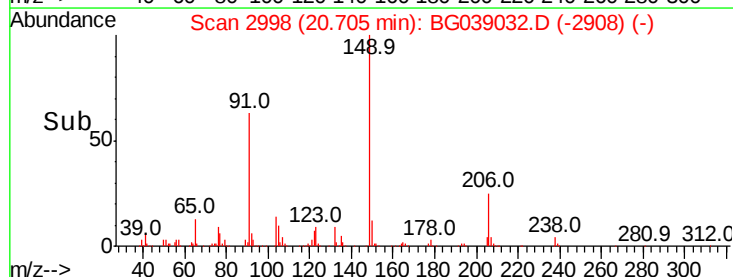
206 24.7 20.4 30.6

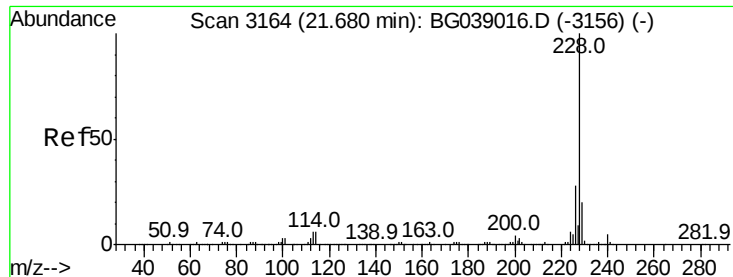


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.588 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

ClientSampleId :

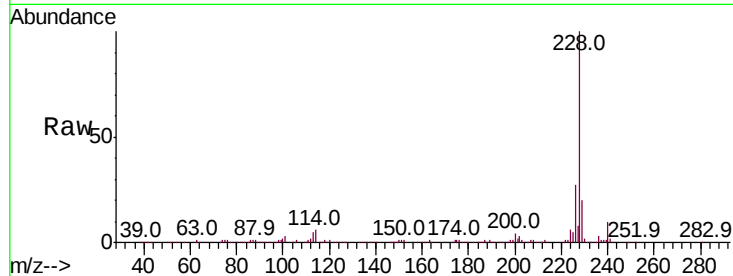
Tot Ion:228 Resp: 355424

Ion Ratio Lower Upper

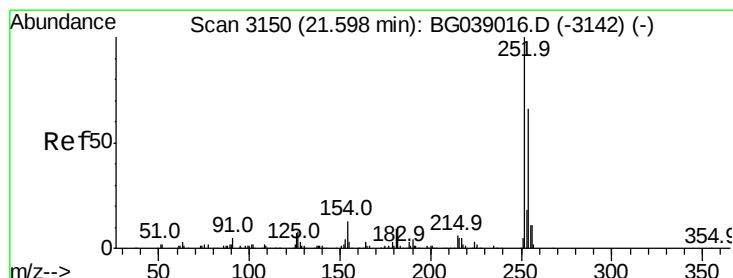
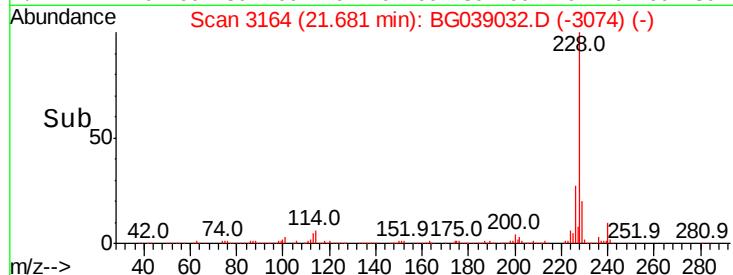
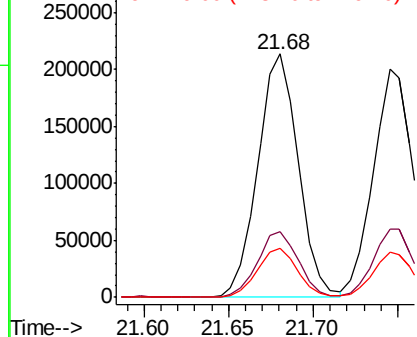
228 100

226 26.8 22.4 33.6

229 20.3 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: 18.823 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

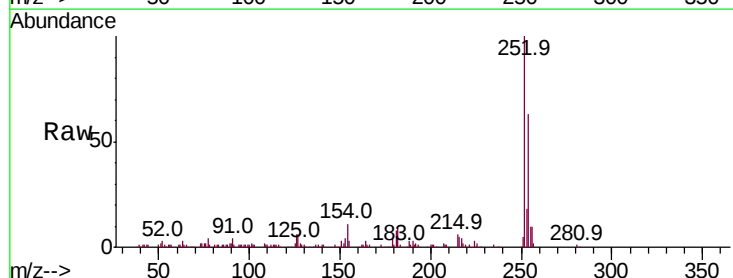
Tgt Ion:252 Resp: 81157

Ion Ratio Lower Upper

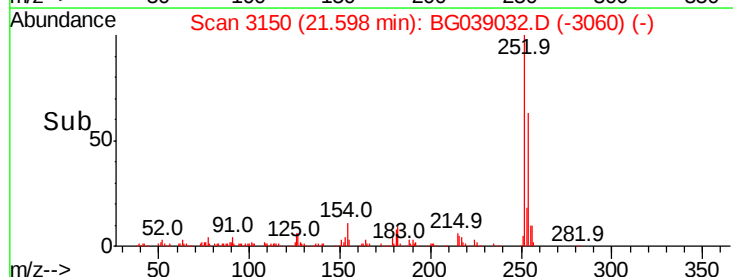
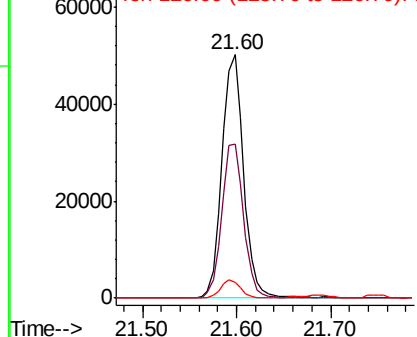
252 100

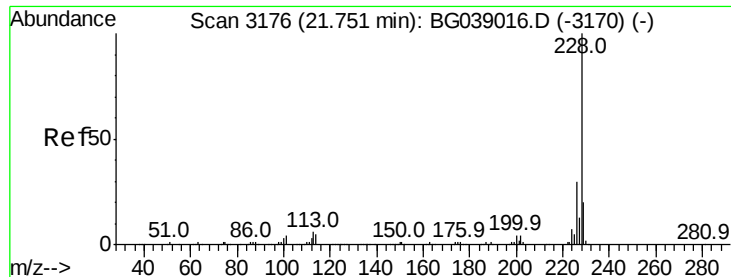
254 63.3 53.0 79.6

126 6.4 6.0 9.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

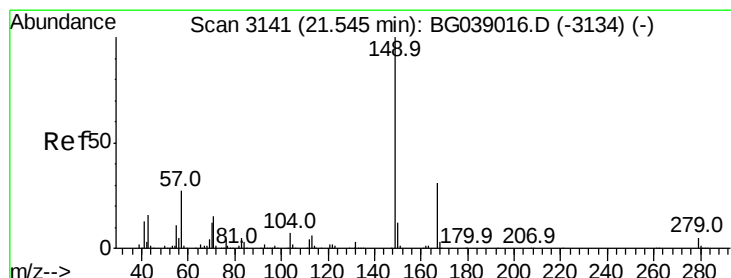
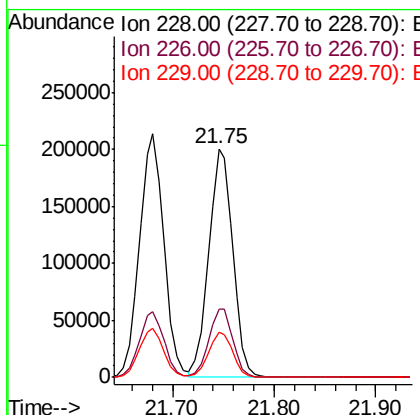
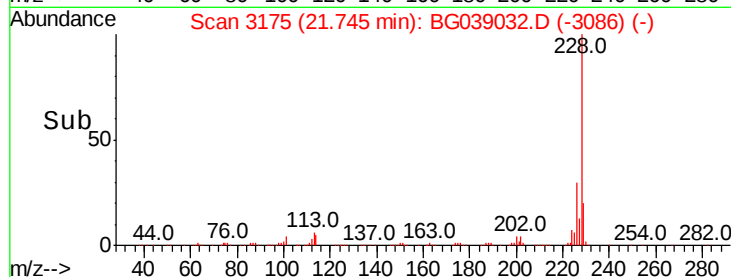
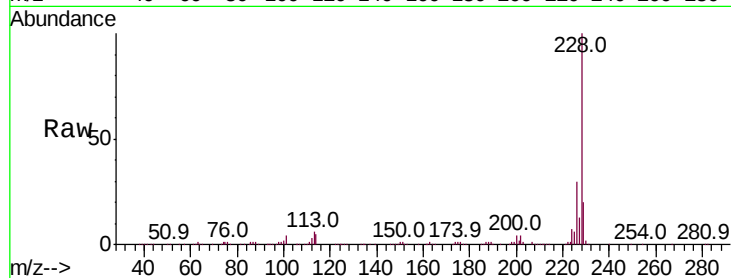




#83
 Chrysene
 Concen: 32.649 ng
 RT: 21.75 min Scan# 3175
 Delta R.T. -0.01 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

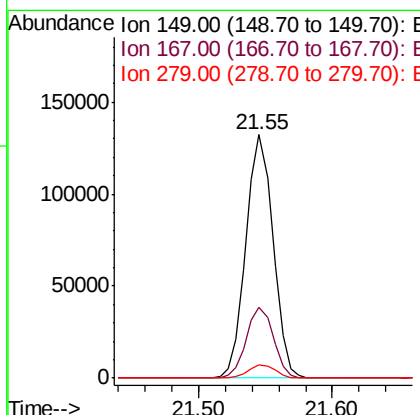
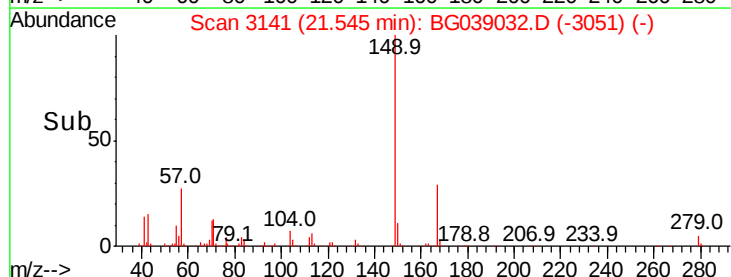
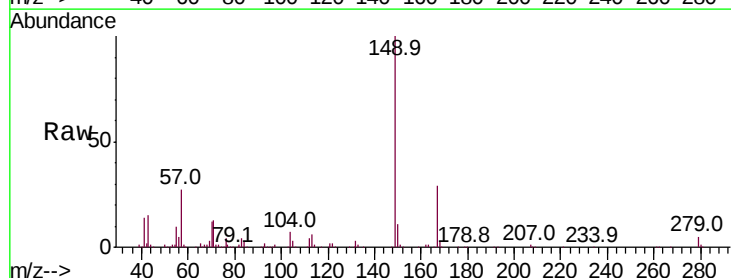
Instrument :
 BNA_G
 ClientSampleId :

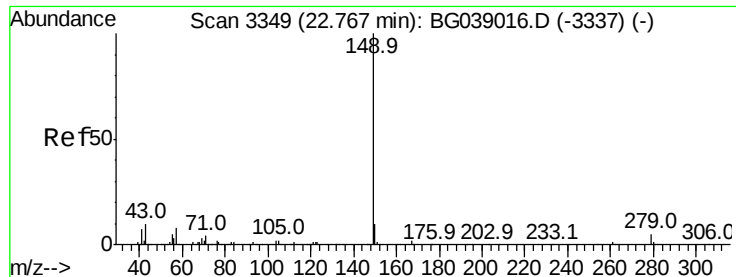
Tot Ion:228 Resp: 328584
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.1 36.1
 229 19.7 16.0 24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 31.741 ng
 RT: 21.55 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Tgt Ion:149 Resp: 185693
 Ion Ratio Lower Upper
 149 100
 167 29.2 25.0 37.4
 279 5.3 4.3 6.5

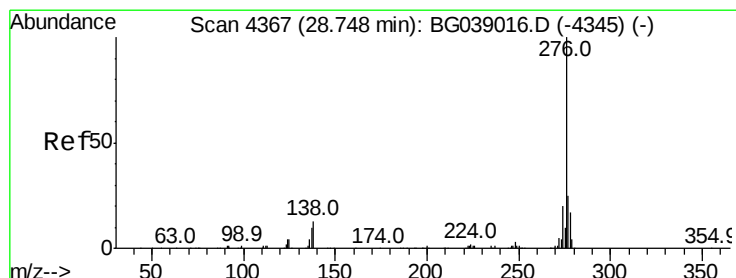
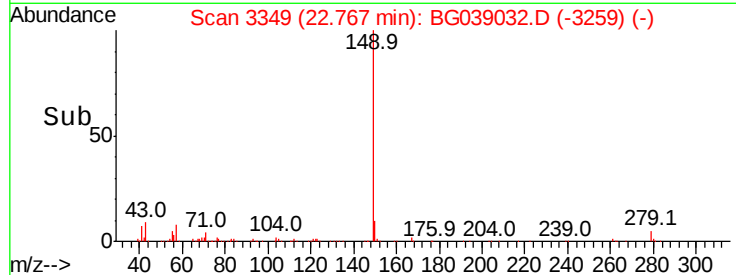
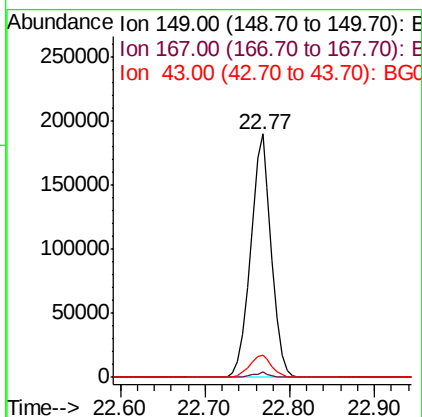
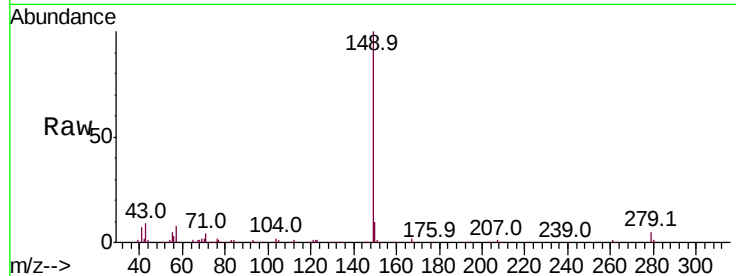




#85
Di-n-octyl phthalate
Concen: 32.510 ng
RT: 22.77 min Scan# 3349
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

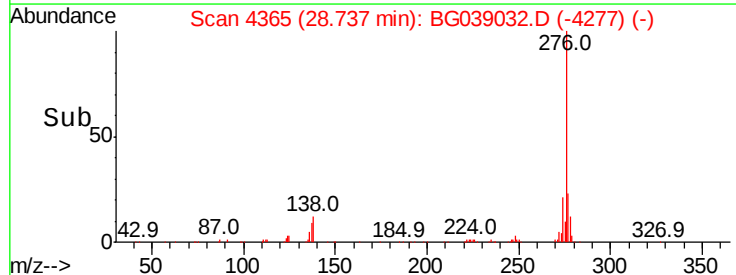
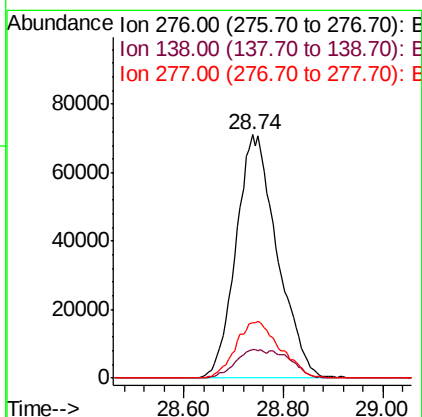
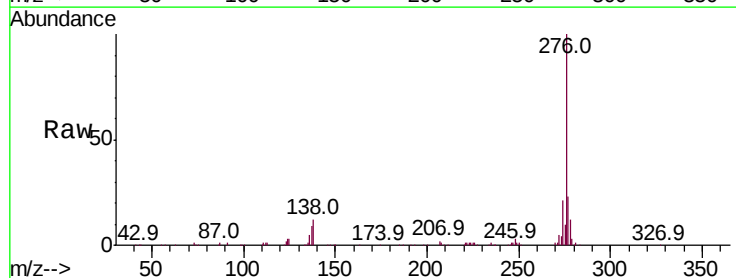
Instrument :
BNA_G
ClientSampleId :

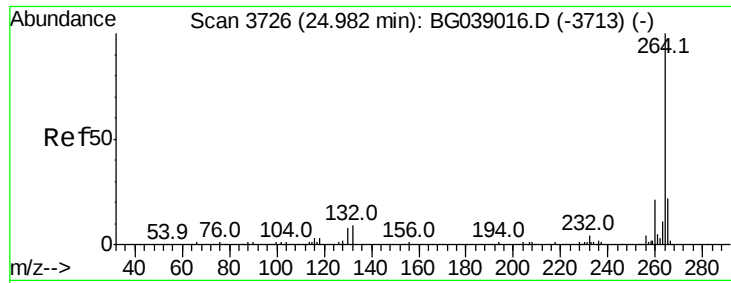
Tot Ion:149 Resp: 321602
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.5 7.5 11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 33.966 ng
RT: 28.74 min Scan# 4365
Delta R.T. -0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion:276 Resp: 408467
Ion Ratio Lower Upper
276 100
138 8.7 8.0 12.0
277 25.0 20.3 30.5



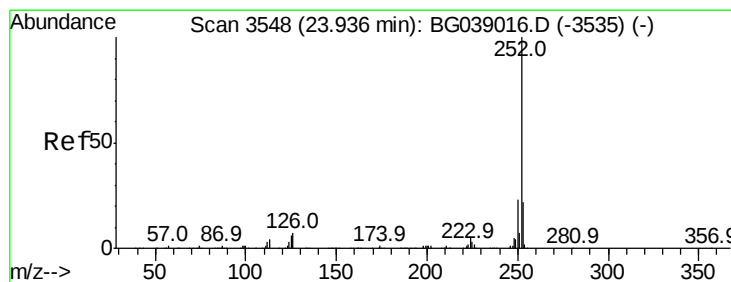
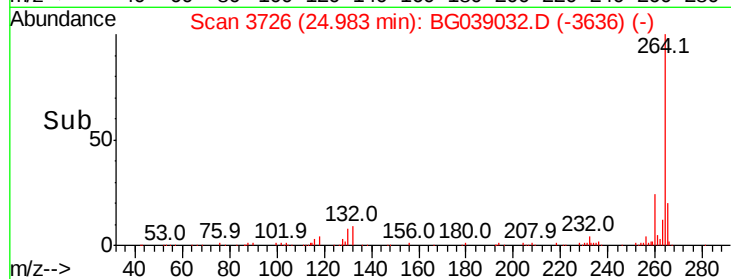
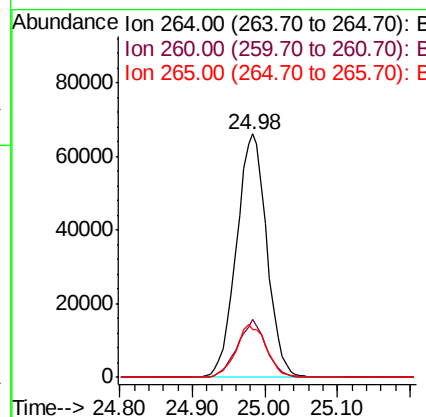
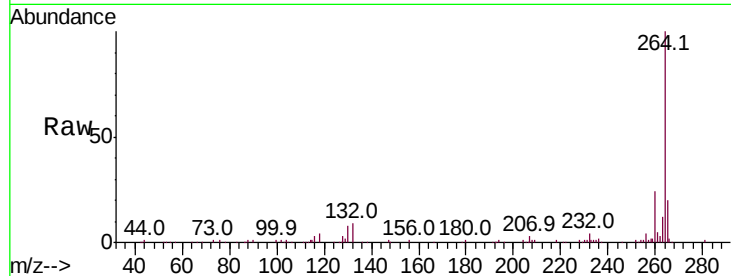


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 191433

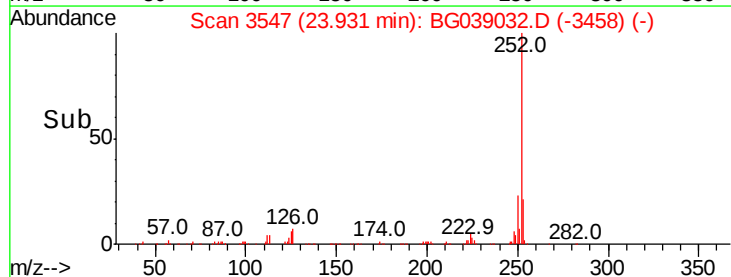
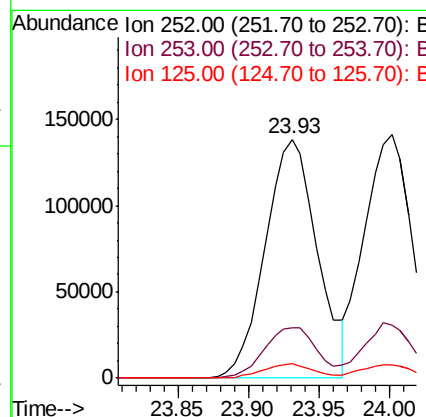
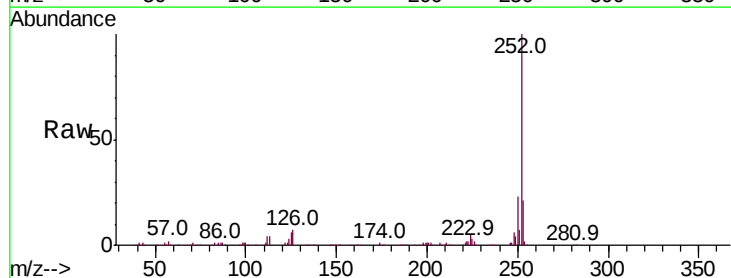
Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.0	25.6
265	19.8	17.2	25.8

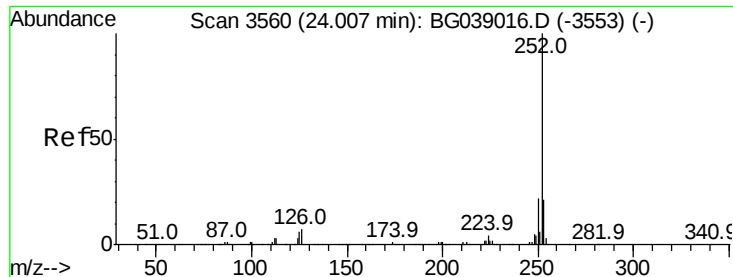


#88
Benzo(b)fluoranthene
Concen: 33.835 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion:252 Resp: 357145

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.8	26.6
125	6.1	4.9	7.3

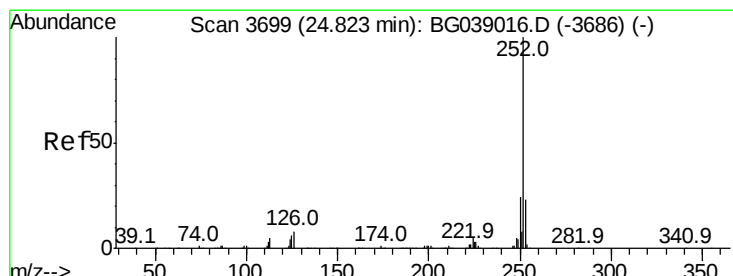
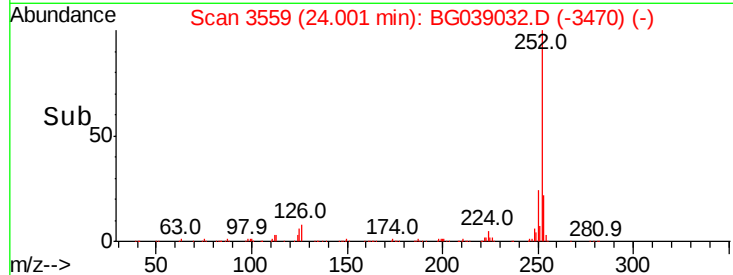
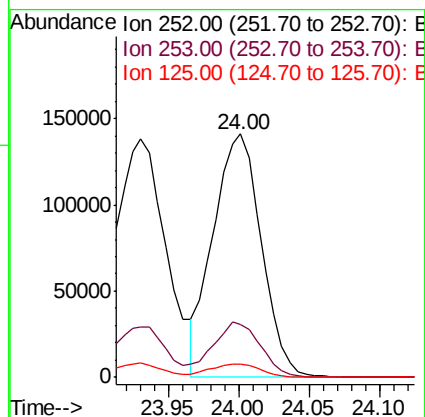
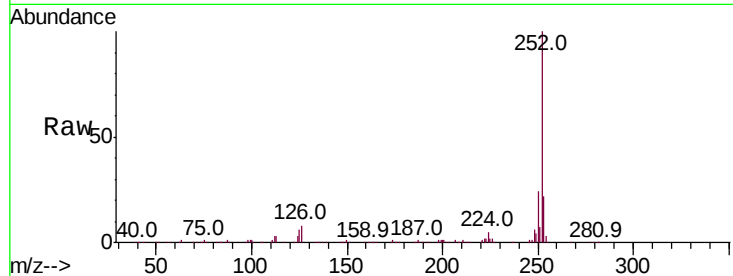




#89
Benzo(k)fluoranthene
Concen: 31.923 ng
RT: 24.00 min Scan# 3559
Delta R.T. -0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

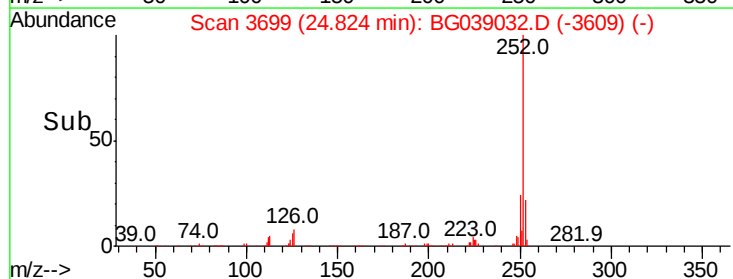
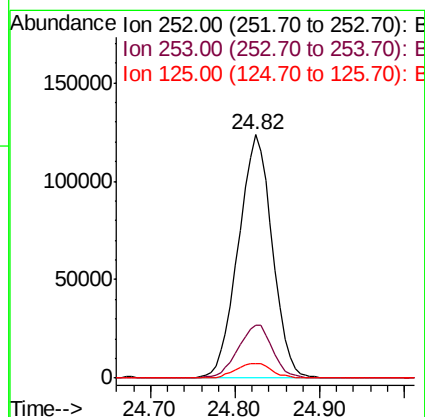
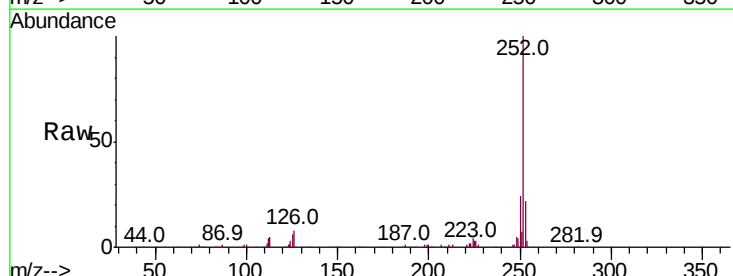
Instrument :
BNA_G
ClientSampleId :

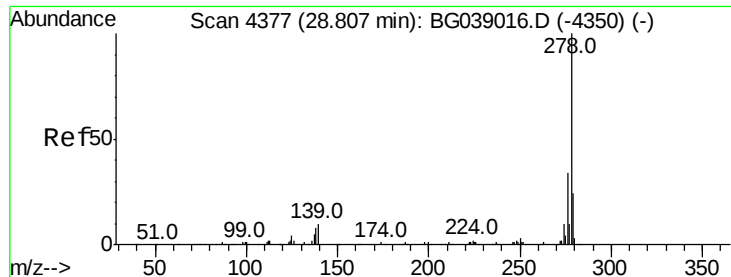
Tot Ion:252 Resp: 333169
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 5.6 4.6 7.0



#90
Benzo(a)pyrene
Concen: 33.755 ng
RT: 24.82 min Scan# 3699
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion:252 Resp: 344396
Ion Ratio Lower Upper
252 100
253 21.7 18.3 27.5
125 6.2 4.9 7.3





#91

Dibenzo(a,h)anthracene

Concen: 32.987 ng

RT: 28.81 min Scan# 4377

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

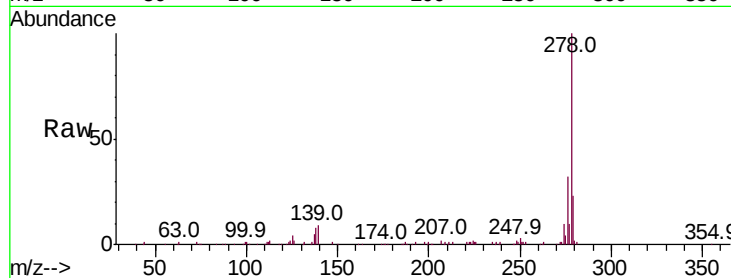
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 334762

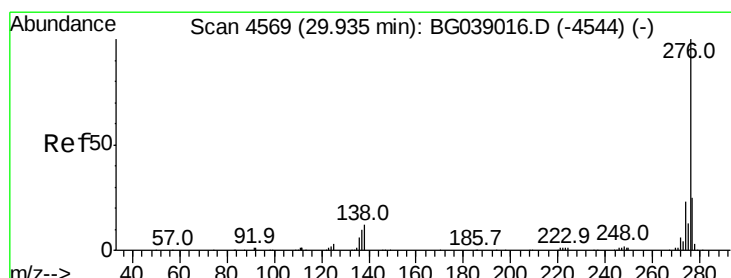
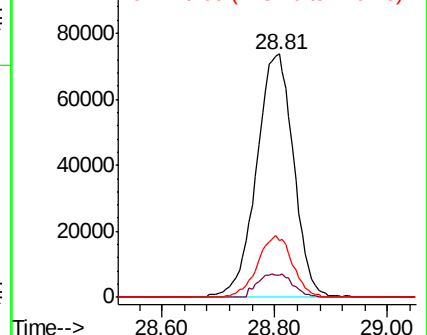
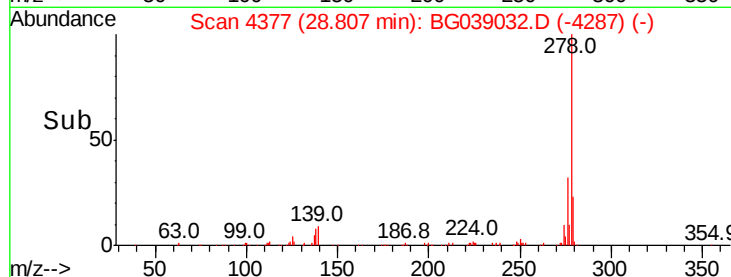
Ion	Ratio	Lower	Upper
278	100		
139	9.2	7.9	11.9
279	23.1	19.3	28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 33.342 ng

RT: 29.93 min Scan# 4568

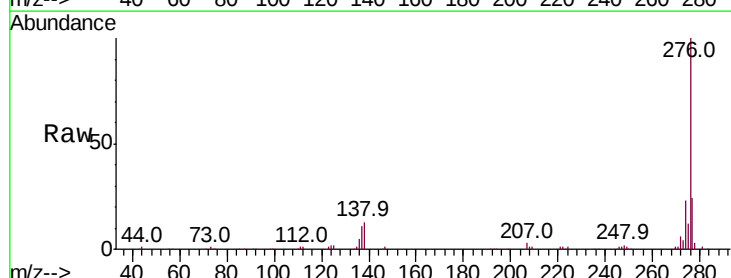
Delta R.T. -0.01 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Tgt Ion:276 Resp: 334976

Ion	Ratio	Lower	Upper
276	100		
277	24.5	20.3	30.5
138	13.1	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

