

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030819\
 Data File : BG039826.D
 Acq On : 8 Mar 2019 18:15
 Operator : JU/SJ
 Sample : K1807-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 08 23:12:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	40470	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	180680	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	127989	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	309282	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	317252	20.00	ng	-0.02
87) Perylene-d12	25.18	264	312534	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	359756	151.65	ng	0.00
7) Phenol-d6	7.30	99	541082	152.97	ng	-0.01
23) Nitrobenzene-d5	9.33	82	315107	94.32	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	215454	144.42	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	731888	81.42	ng	-0.01
79) Terphenyl-d14	20.12	244	1099813	76.33	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.62	88	120	0.110	ng	# 1
4) n-Nitrosodimethylamine	3.92	42	223	0.160	ng	# 1
6) Aniline	7.33	93	55	0.012	ng	# 1
8) 2-Chlorophenol	7.69	128	67	0.023	ng	# 1
9) Benzaldehyde	7.30	77	999	0.438	ng	# 4
10) Phenol	7.33	94	8322	2.172	ng	90
11) bis(2-Chloroethyl)ether	7.68	93	469	0.157	ng	# 1
15) Benzyl Alcohol	8.47	79	4585	1.634	ng	# 61
19) n-Nitroso-di-n-propylamine	9.33	70	40879	16.057	ng	# 68
22) Acetophenone	8.47	105	73	0.015	ng	# 1
24) Nitrobenzene	9.34	77	813	0.232	ng	# 42
46) 1,1'-Biphenyl	13.61	154	1019	0.097	ng	84
48) 2-Nitroaniline	14.21	65	392	0.154	ng	# 1
50) Dimethylphthalate	14.22	163	62766	5.865	ng	100
51) 2,6-Dinitrotoluene	14.22	165	689	0.304	ng	# 28
52) Acenaphthene	14.78	154	318	0.041	ng	# 5
53) 3-Nitroaniline	15.01	138	55	0.024	ng	# 1
55) Dibenzofuran	15.18	168	53	0.004	ng	# 45
57) 2,4-Dinitrotoluene	14.78	165	15719	4.931	ng	# 18
58) Fluorene	16.26	166	9443	0.936	ng	# 84
60) Diethylphthalate	15.57	149	540	0.051	ng	# 22
63) Azobenzene	16.26	77	1347	0.140	ng	# 39
65) 4,6-Dinitro-2-methylphenol	15.62	198	74	0.040	ng	# 32
66) n-Nitrosodiphenylamine	16.27	169	8930	0.997	ng	# 47
67) 4-Bromophenyl-phenylether	16.26	248	17094	4.938	ng	# 1
71) Phenanthrene	17.57	178	584	0.034	ng	# 59
72) Anthracene	17.57	178	584	0.035	ng	# 60
74) Di-n-butylphthalate	18.46	149	3087	0.175	ng	# 88
75) Fluoranthene	19.57	202	335	0.017	ng	63
77) Benzidine	20.12	184	19046	1.892	ng	# 89
78) Pyrene	19.93	202	380	0.018	ng	# 55
80) Butylbenzylphthalate	20.78	149	64	0.008	ng	# 22
81) Benzo(a)anthracene	21.77	228	57	0.003	ng	# 50
83) Chrysene	21.86	228	125	0.006	ng	# 48

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QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

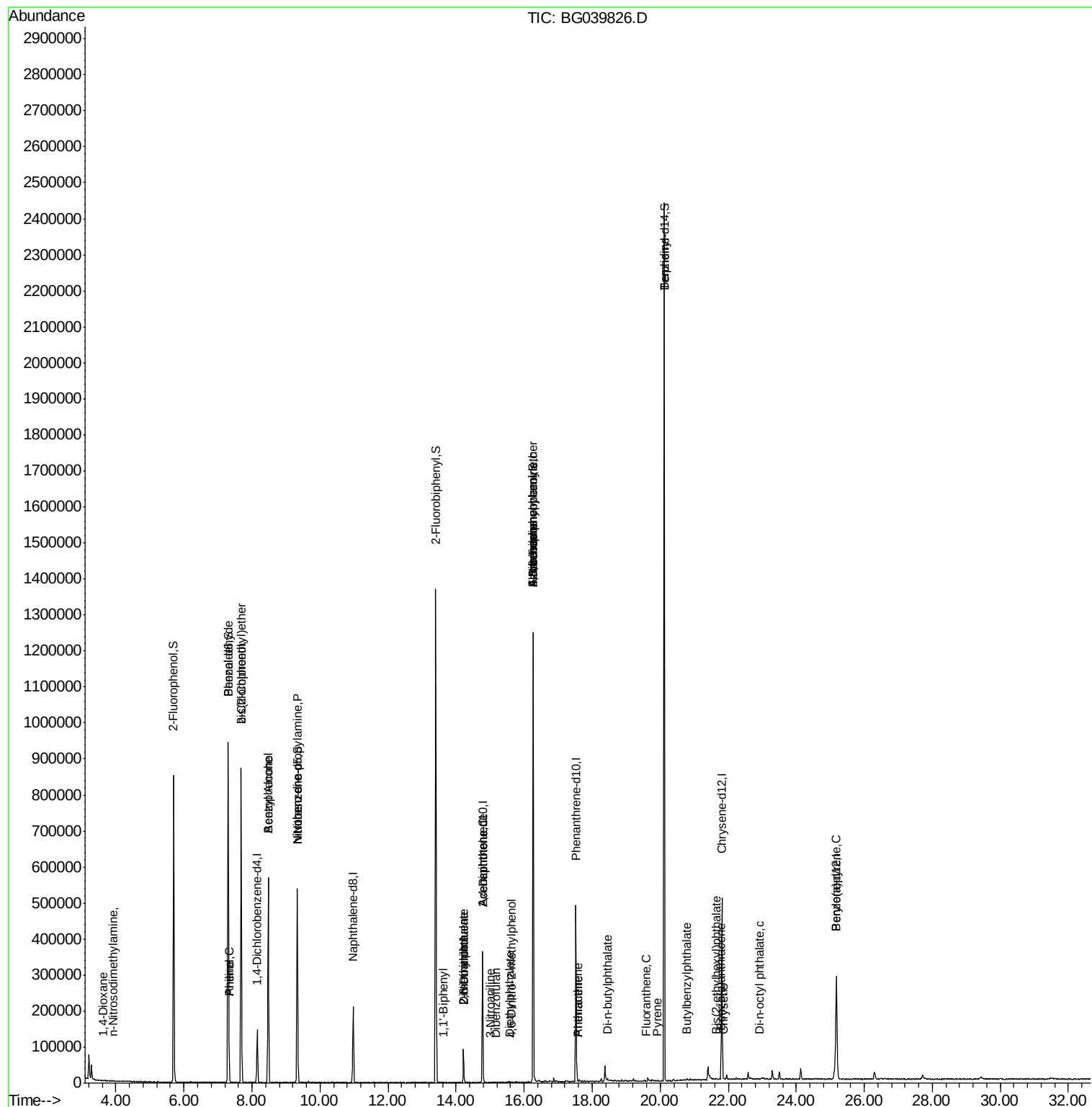
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Bis(2-ethylhexyl)phthalate	21.66	149	1083	0.096	nq	# 82
85) Di-n-octyl phthalate	22.94	149	56	0.003	nq	# 71
90) Benzo(a)pyrene	25.18	252	1130	0.066	nq	# 71

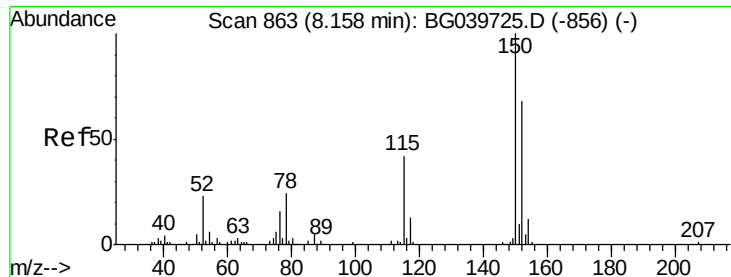
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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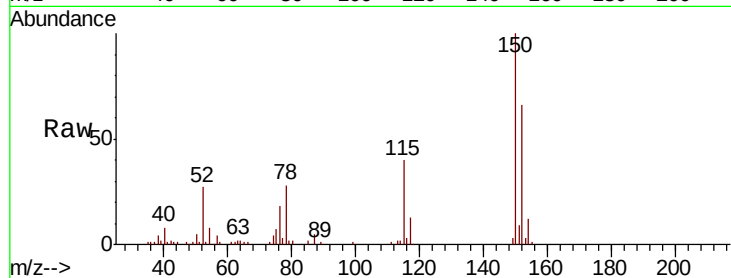


#1

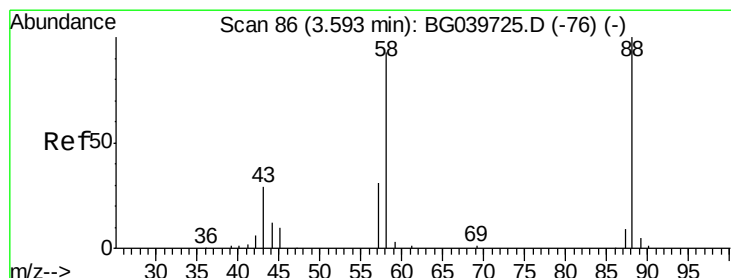
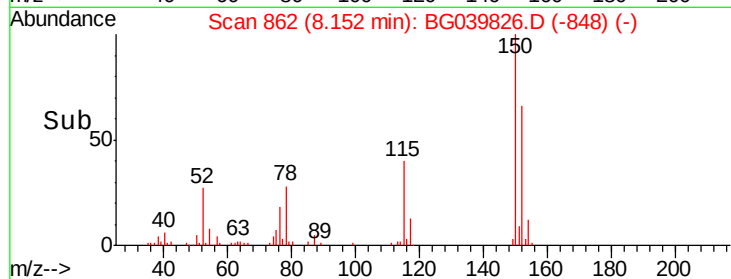
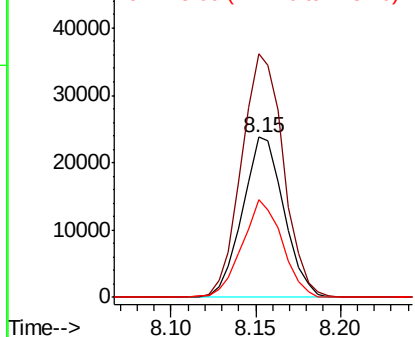
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039826.D
Acq: 8 Mar 2019 18:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 40470
Ion Ratio Lower Upper
152 100
150 151.8 123.7 185.5
115 61.0 45.9 68.9



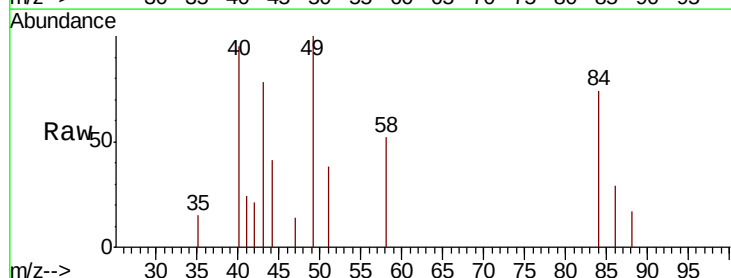
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



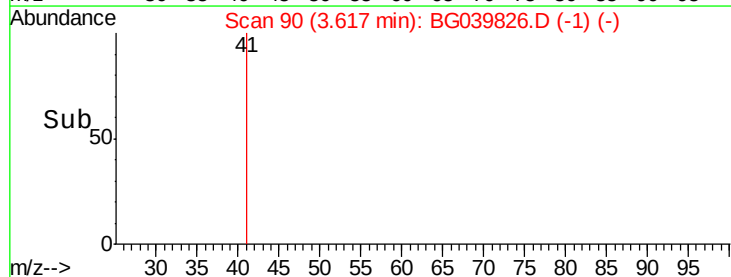
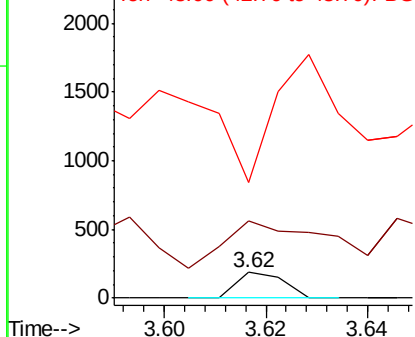
#2

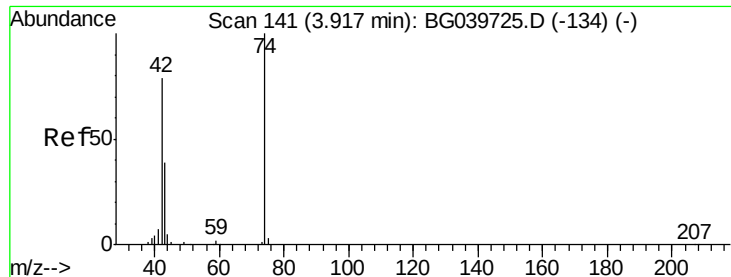
1,4-Dioxane
Concen: 0.110 ng
RT: 3.62 min Scan# 90
Delta R.T. 0.01 min
Lab File: BG039826.D
Acq: 8 Mar 2019 18:15

Tgt Ion: 88 Resp: 120
Ion Ratio Lower Upper
88 100
58 405.0 81.1 121.7#
43 700.8 31.4 47.0#



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



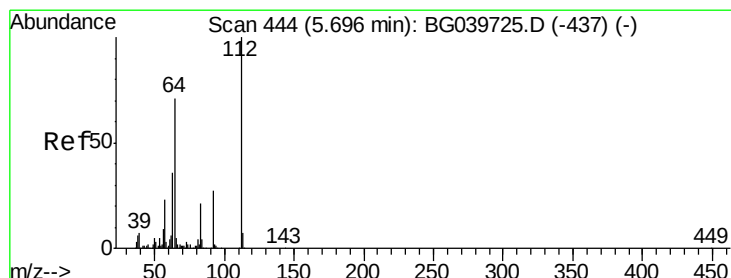
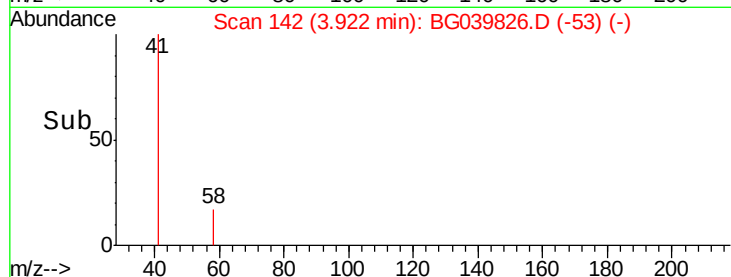
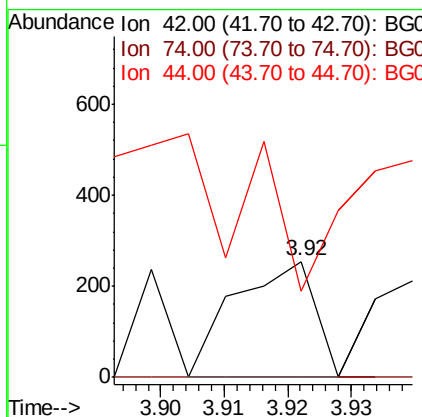
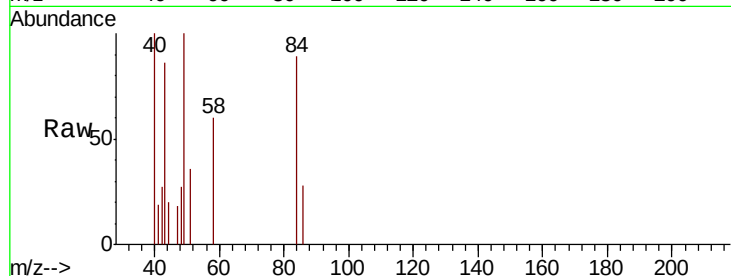


#4

n-Nitrosodimethylamine
 Concen: 0.160 ng
 RT: 3.92 min Scan# 142
 Delta R.T. -0.01 min
 Lab File: BG039826.D
 Acq: 8 Mar 2019 18:15

Instrument :
 BNA_G
 ClientSampled :

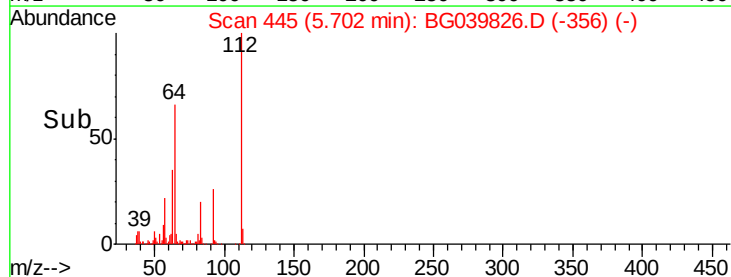
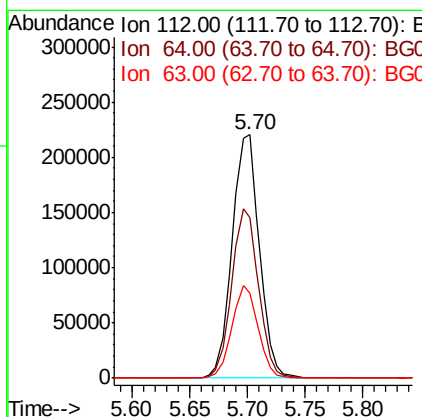
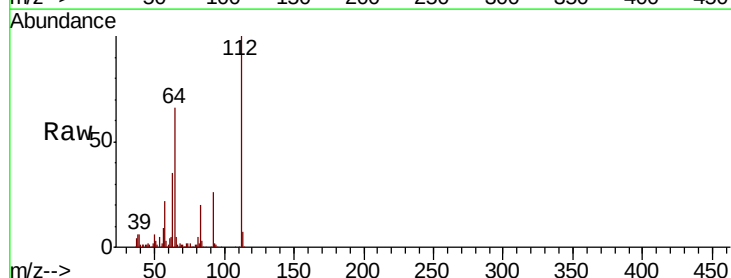
Tot Ion: 42 Resp: 223
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.6 125.4#
 44 74.1 6.9 10.3#

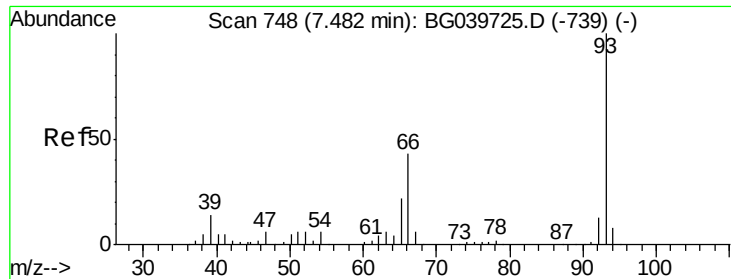


#5

2-Fluorophenol
 Concen: 151.655 ng
 RT: 5.70 min Scan# 445
 Delta R.T. -0.01 min
 Lab File: BG039826.D
 Acq: 8 Mar 2019 18:15

Tgt Ion: 112 Resp: 359756
 Ion Ratio Lower Upper
 112 100
 64 66.1 57.8 86.8
 63 34.8 29.8 44.6





#6

Aniline

Concen: 0.012 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.17 min

Lab File: BG039826.D

Acq: 8 Mar 2019 18:15

Instrument :

BNA_G

ClientSampleId :

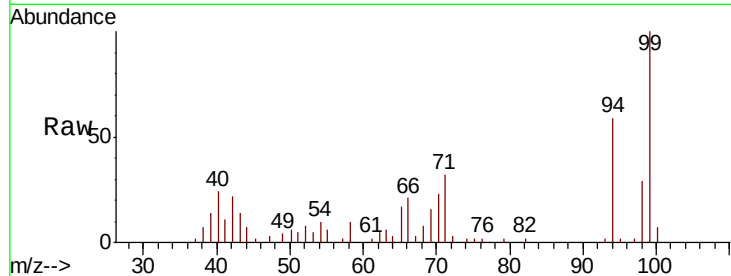
Tot Ion: 93 Resp: 55

Ion Ratio Lower Upper

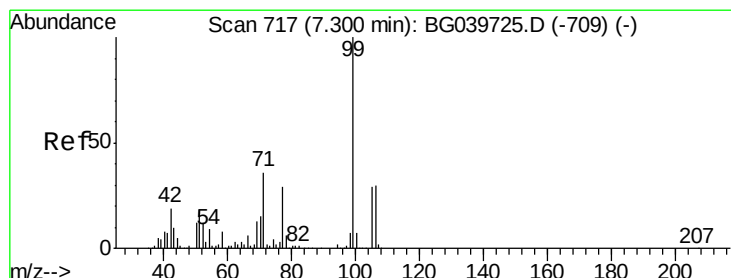
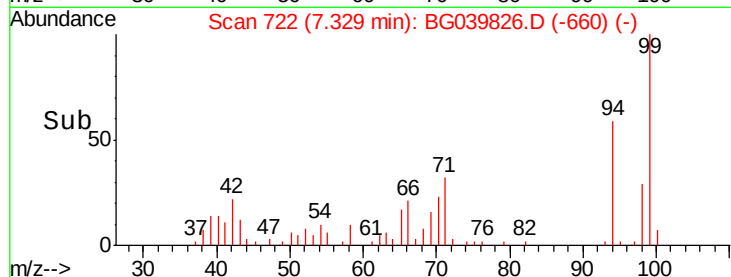
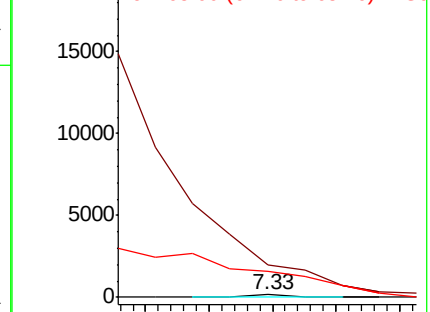
93 100

66 1265.8 34.2 51.4#

65 1018.1 17.7 26.5#



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: 152.974 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039826.D

Acq: 8 Mar 2019 18:15

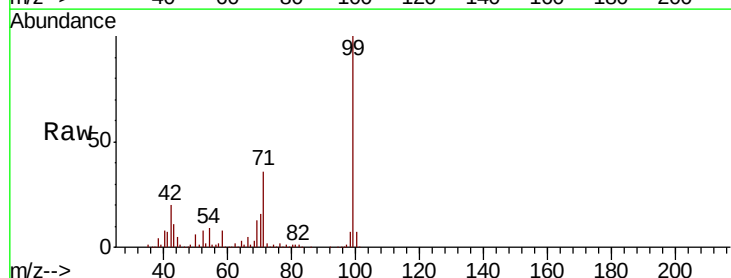
Tgt Ion: 99 Resp: 541082

Ion Ratio Lower Upper

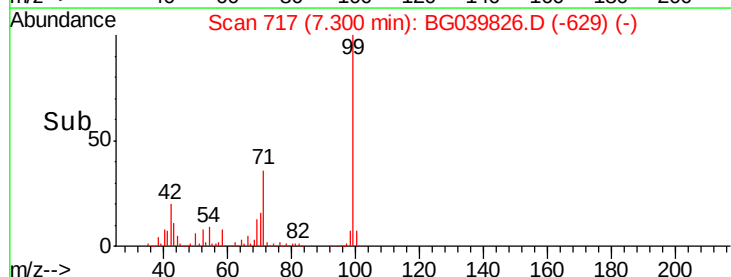
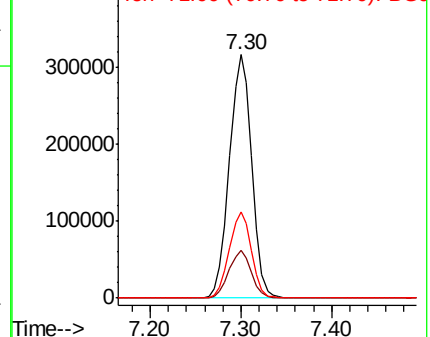
99 100

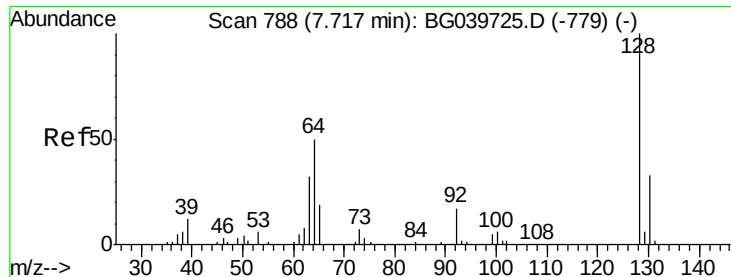
42 19.5 18.2 27.2

71 35.5 28.0 42.0



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: 0.023 ng

RT: 7.69 min Scan# 783

Delta R.T. -0.04 min

Lab File: BG039826.D

Acq: 8 Mar 2019 18:15

Instrument :

BNA_G

ClientSampled :

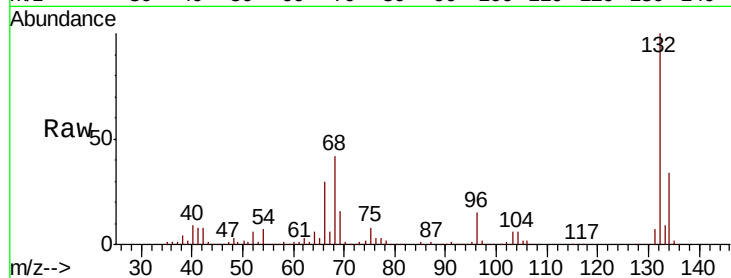
Tot Ion:128 Resp: 67

Ion Ratio Lower Upper

128 100

130 0.0 12.9 52.9#

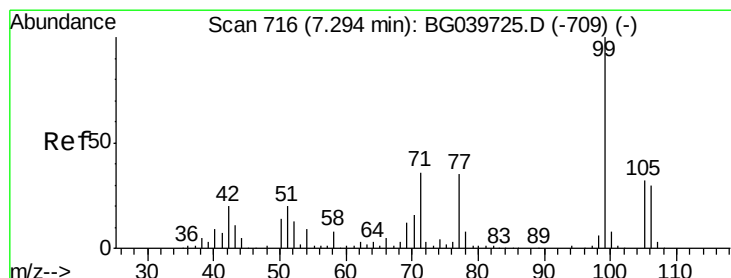
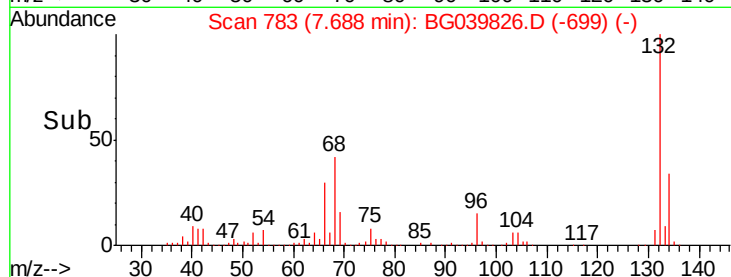
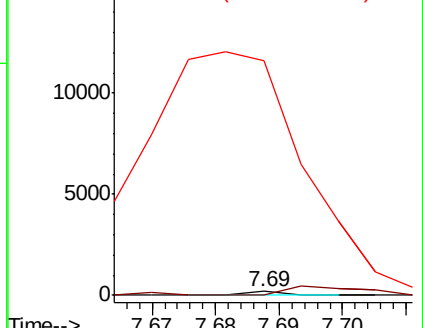
64 6092.1 38.7 78.7#



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: 0.438 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039826.D

Acq: 8 Mar 2019 18:15

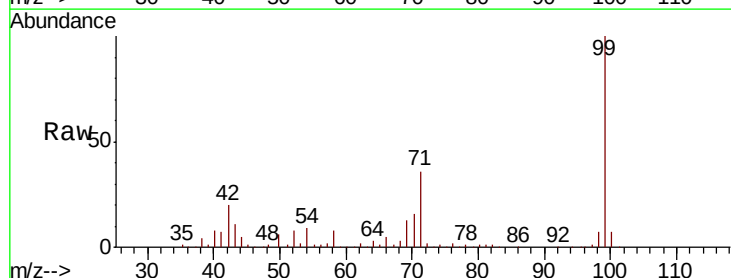
Tgt Ion: 77 Resp: 999

Ion Ratio Lower Upper

77 100

105 0.0 74.5 114.5#

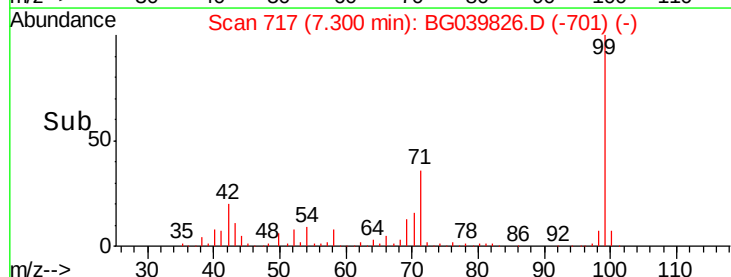
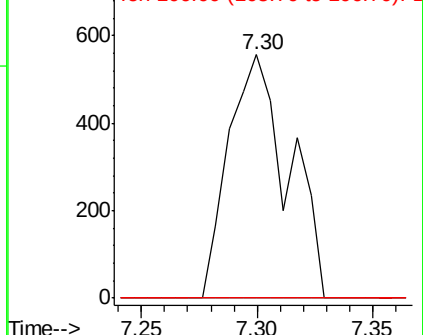
106 0.0 68.0 108.0#

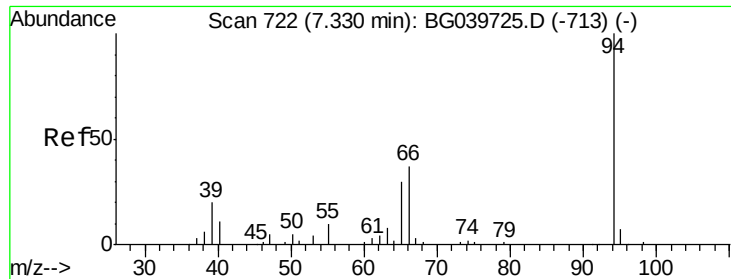


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

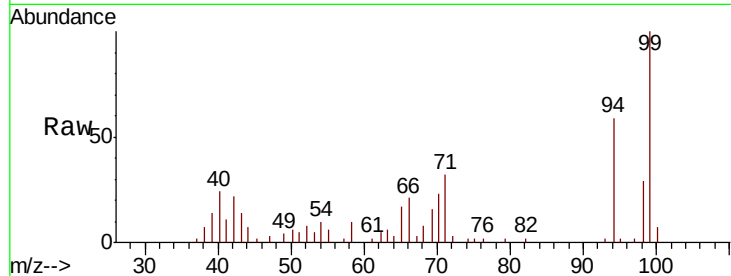




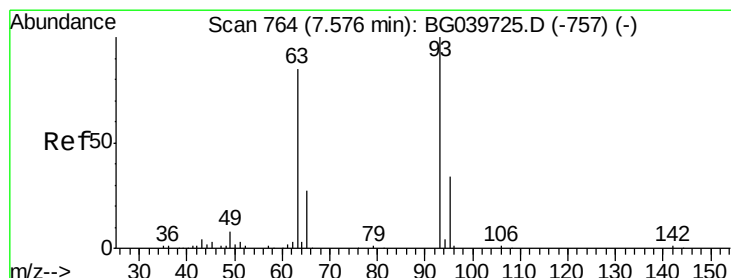
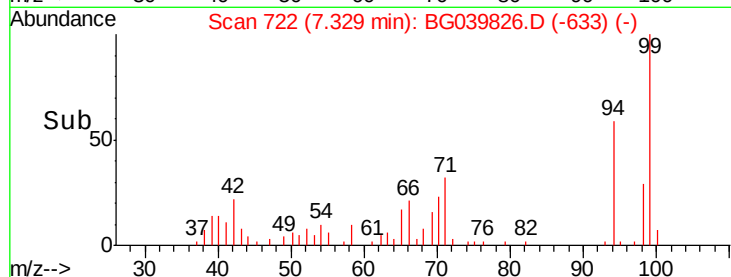
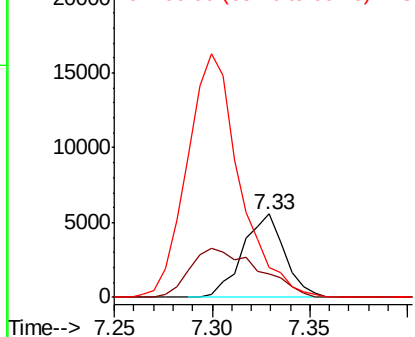
#10
Phenol
Concen: 2.172 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG039826.D
Acq: 8 Mar 2019 18:15

Instrument :
BNA_G
ClientSampled :

Tot Ion: 94 Resp: 8322
Ion Ratio Lower Upper
94 100
65 28.3 11.7 51.7
66 35.2 23.7 63.7

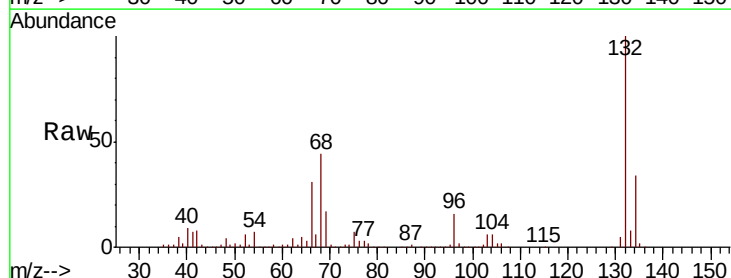


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

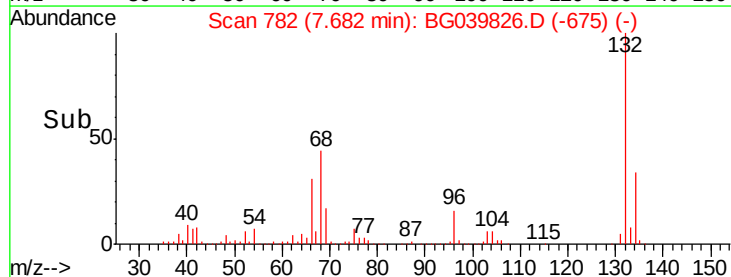
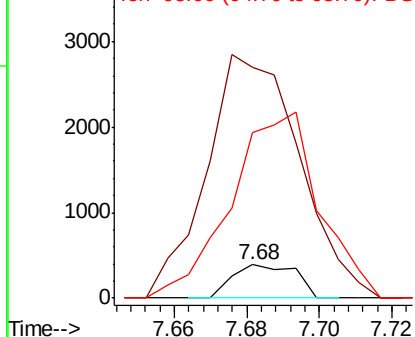


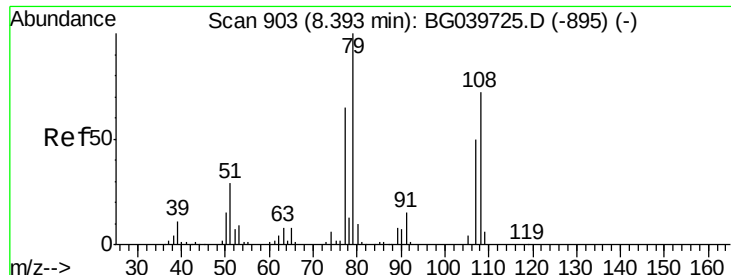
#11
bis(2-Chloroethyl)ether
Concen: 0.157 ng
RT: 7.68 min Scan# 782
Delta R.T. 0.10 min
Lab File: BG039826.D
Acq: 8 Mar 2019 18:15

Tgt Ion: 93 Resp: 469
Ion Ratio Lower Upper
93 100
63 689.5 69.5 109.5#
95 493.9 12.7 52.7#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC





#15

Benzyl Alcohol

Concen: 1.634 ng

RT: 8.47 min Scan# 917

Delta R.T. 0.07 min

Lab File: BG039826.D

Acq: 8 Mar 2019 18:15

Instrument :

BNA_G

ClientSampled :

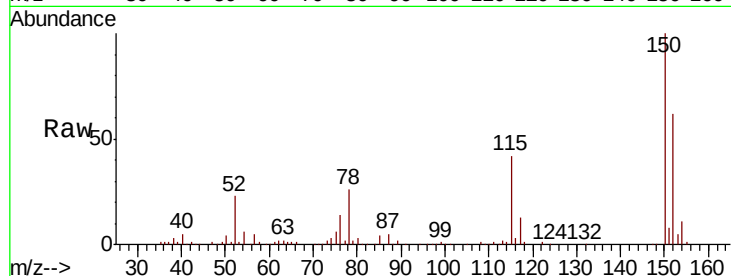
Tot Ion: 79 Resp: 4585

Ion Ratio Lower Upper

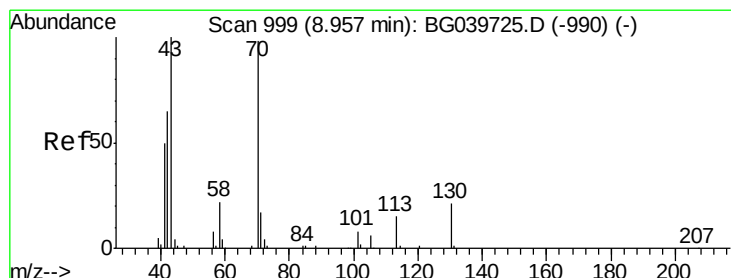
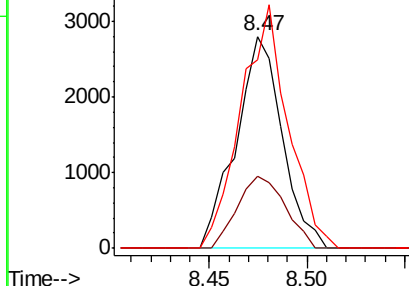
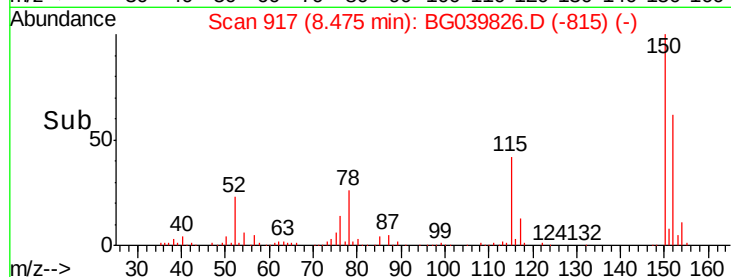
79 100

108 34.2 57.8 86.6#

77 88.8 51.1 76.7#



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.057 ng

RT: 9.33 min Scan# 1063

Delta R.T. 0.36 min

Lab File: BG039826.D

Acq: 8 Mar 2019 18:15

Tgt Ion: 70 Resp: 40879

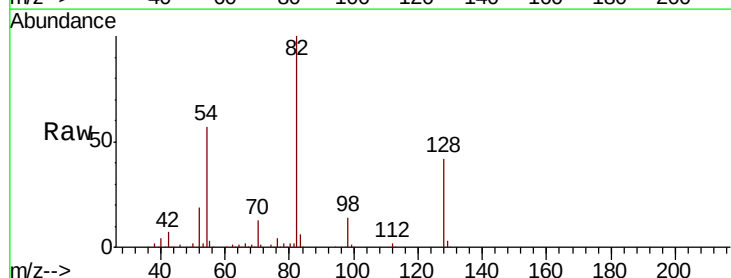
Ion Ratio Lower Upper

70 100

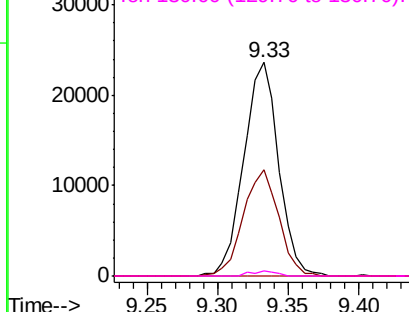
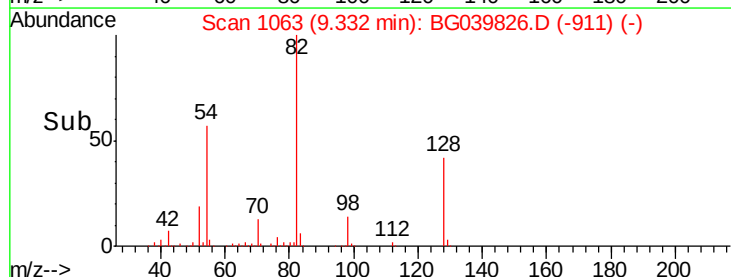
42 49.5 60.4 90.6#

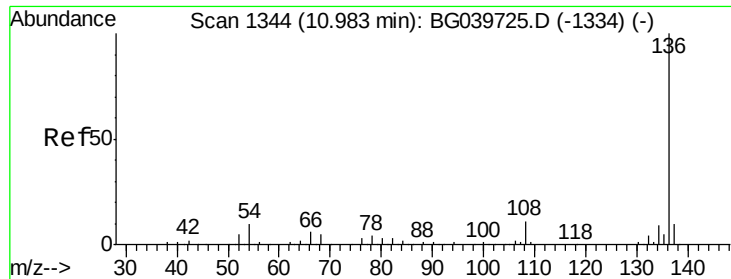
101 0.0 7.5 11.3#

130 2.5 16.9 25.3#



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

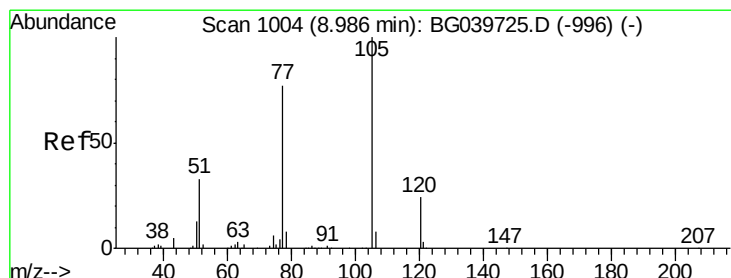
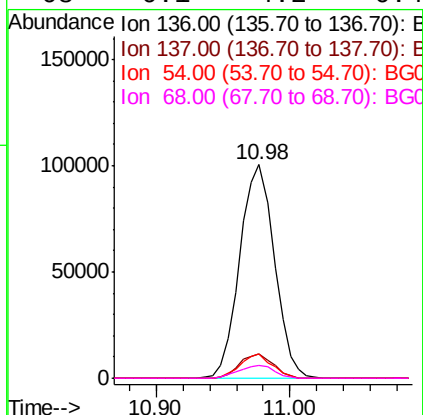
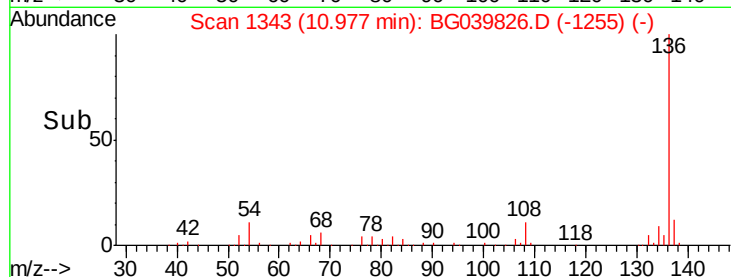
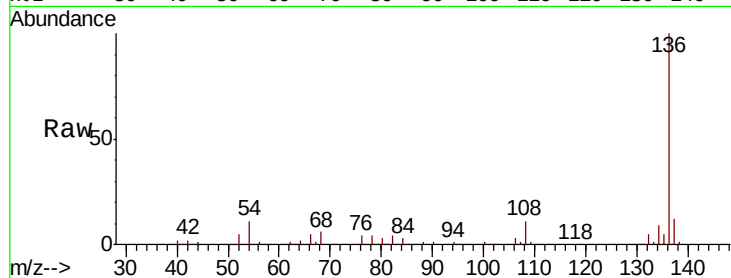




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039826.D
Acq: 8 Mar 2019 18:15

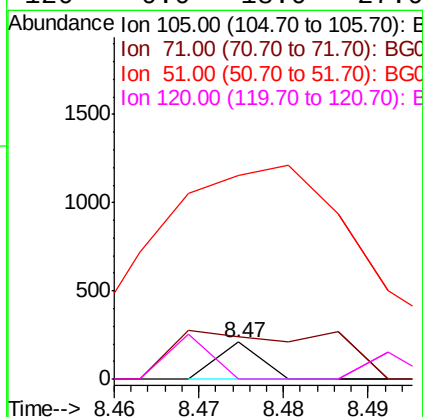
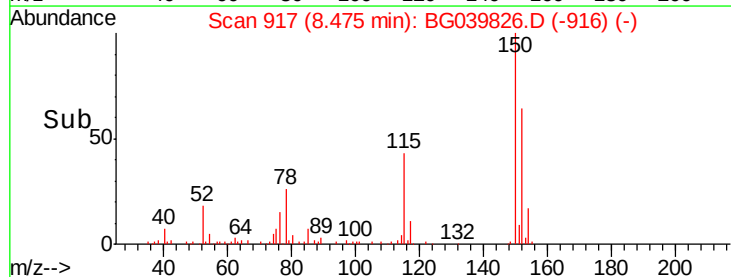
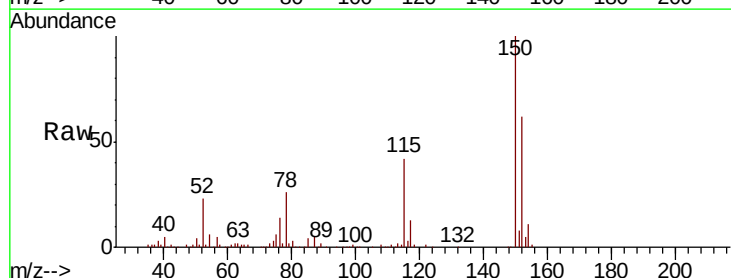
Instrument :
BNA_G
ClientSampleId :

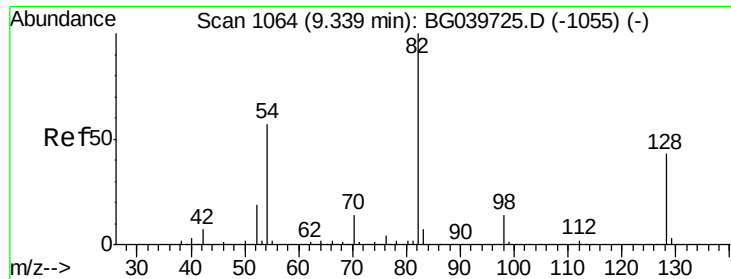
Tot Ion:136	Resp:	180680
Ion	Ratio	Lower Upper
136	100	
137	11.5	9.1 13.7
54	11.5	9.4 14.2
68	6.1	4.2 6.4



#22
Acetophenone
Concen: 0.015 ng
RT: 8.47 min Scan# 917
Delta R.T. -0.52 min
Lab File: BG039826.D
Acq: 8 Mar 2019 18:15

Tgt Ion:105	Resp:	73
Ion	Ratio	Lower Upper
105	100	
71	116.3	0.8 1.2#
51	554.3	30.2 45.2#
120	0.0	18.0 27.0#

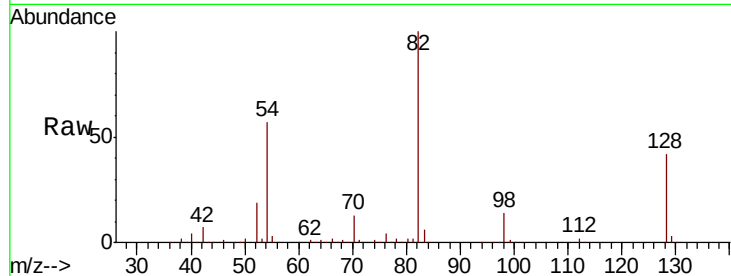




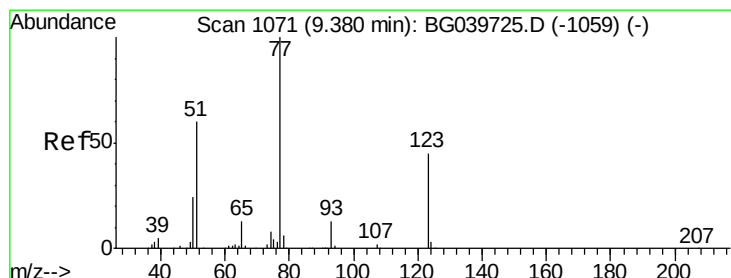
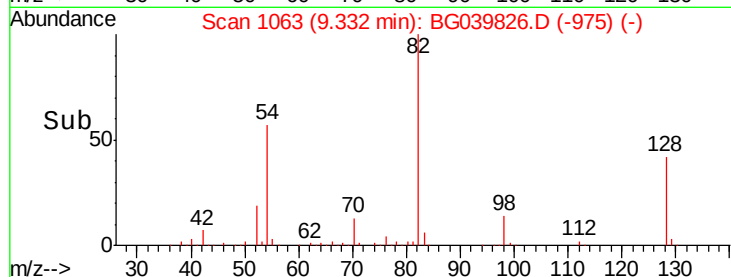
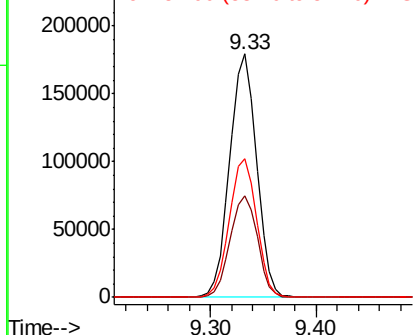
#23
Nitrobenzene-d5
Concen: 94.323 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039826.D
Acq: 8 Mar 2019 18:15

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	315107
Ion Ratio	100	Lower	Upper
128	41.9	31.3	46.9
54	56.9	50.9	76.3

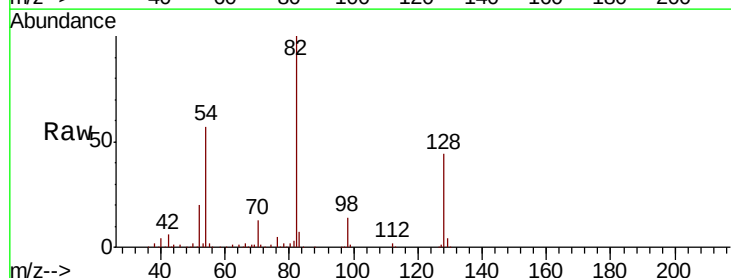


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

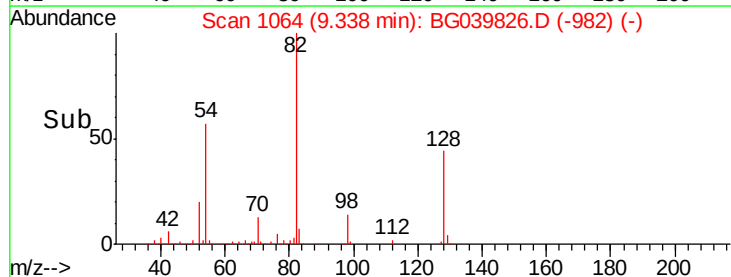
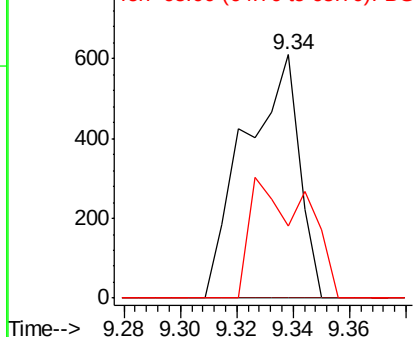


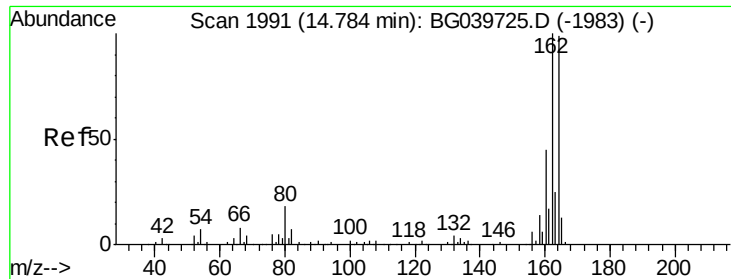
#24
Nitrobenzene
Concen: 0.232 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.05 min
Lab File: BG039826.D
Acq: 8 Mar 2019 18:15

Tgt Ion	77	Resp	813
Ion Ratio	100	Lower	Upper
123	0.0	34.1	51.1#
65	29.7	12.3	18.5#



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

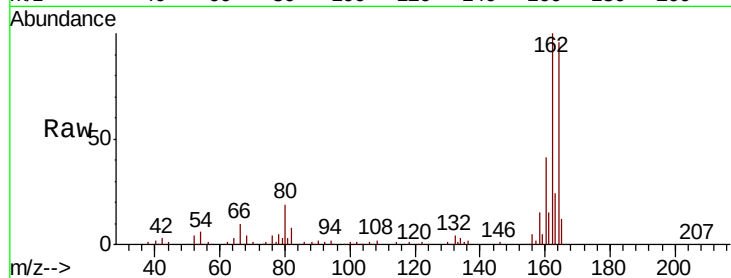




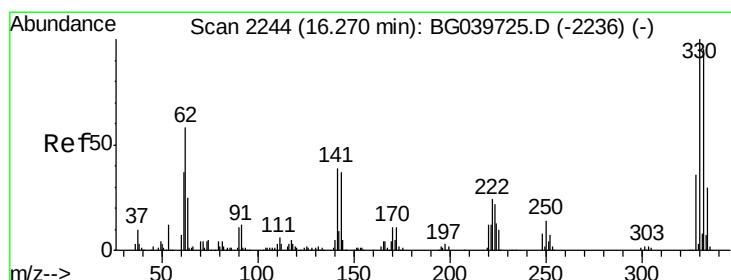
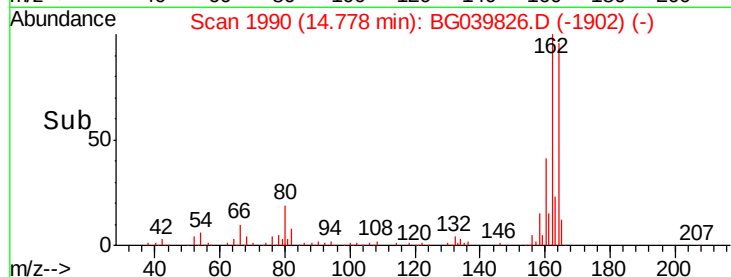
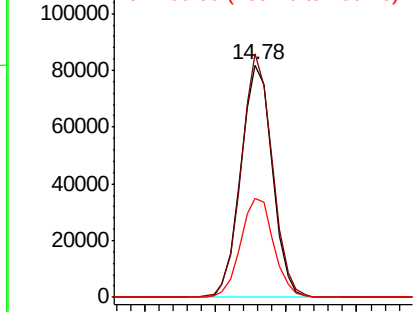
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039826.D
Acq: 8 Mar 2019 18:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 127989
Ion Ratio Lower Upper
164 100
162 104.7 81.6 122.4
160 42.7 34.2 51.2

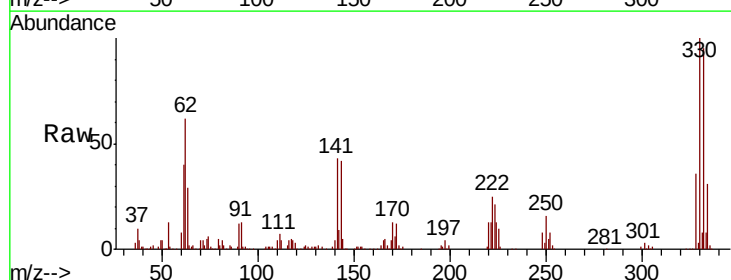


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

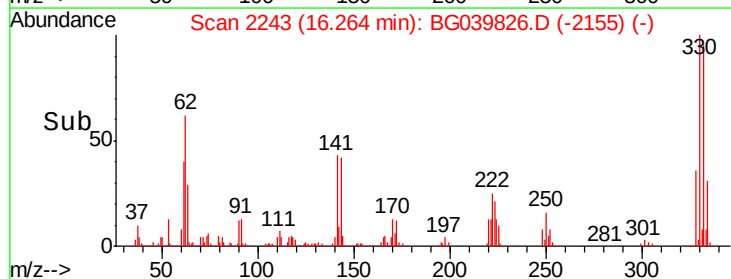
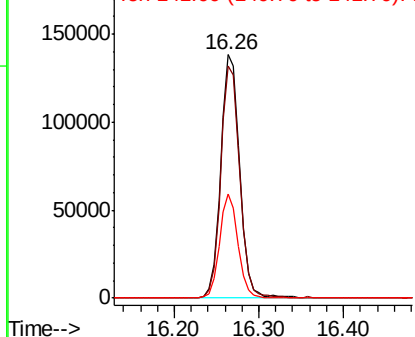


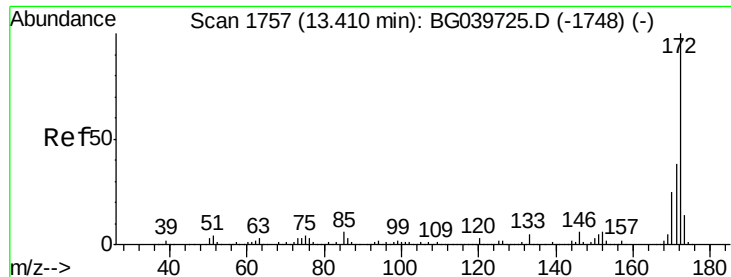
#42
2,4,6-Tribromophenol
Concen: 144.425 ng
RT: 16.26 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG039826.D
Acq: 8 Mar 2019 18:15

Tgt Ion:330 Resp: 215454
Ion Ratio Lower Upper
330 100
332 95.6 75.7 113.5
141 41.5 35.6 53.4



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

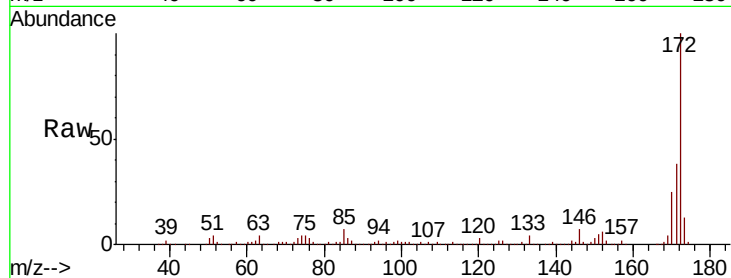




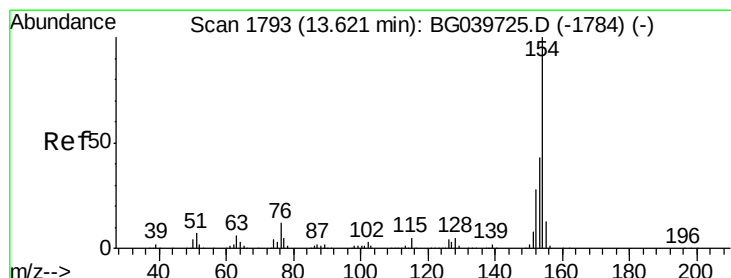
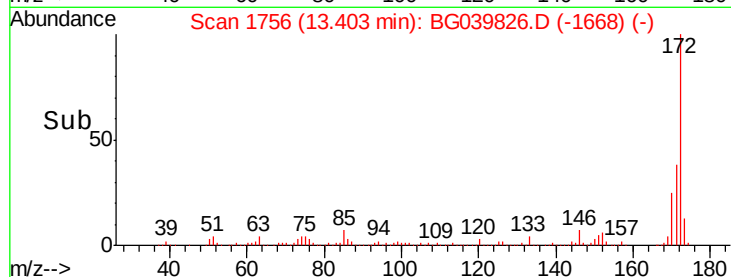
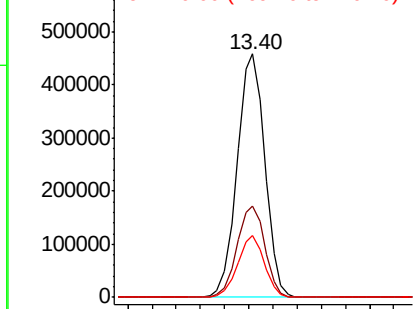
#45
2-Fluorobiphenyl
Concen: 81.420 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039826.D
Acq: 8 Mar 2019 18:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 731888
Ion Ratio Lower Upper
172 100
171 37.7 30.8 46.2
170 25.3 20.2 30.4

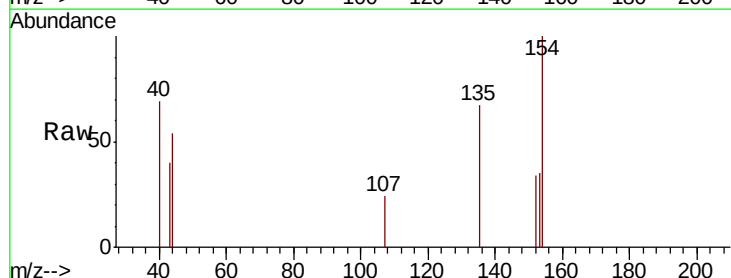


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

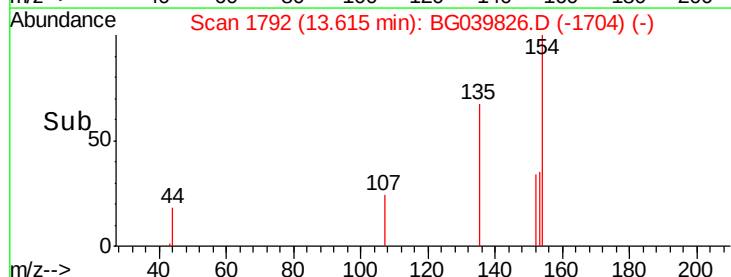
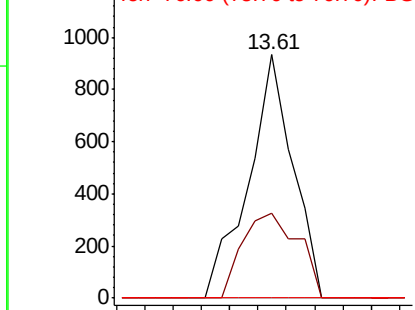


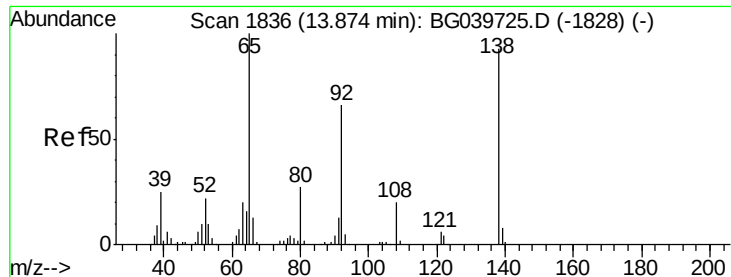
#46
1,1'-Biphenyl
Concen: 0.097 ng
RT: 13.61 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039826.D
Acq: 8 Mar 2019 18:15

Tgt Ion:154 Resp: 1019
Ion Ratio Lower Upper
154 100
153 35.1 22.1 62.1
76 0.0 0.0 32.4



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

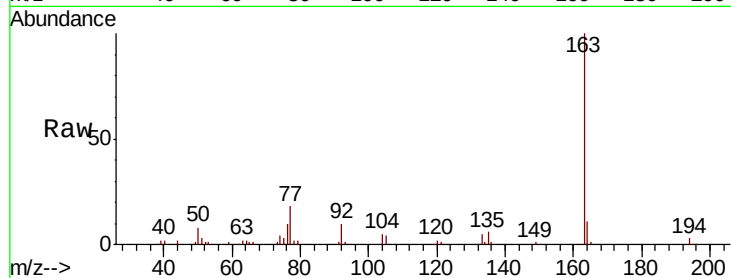




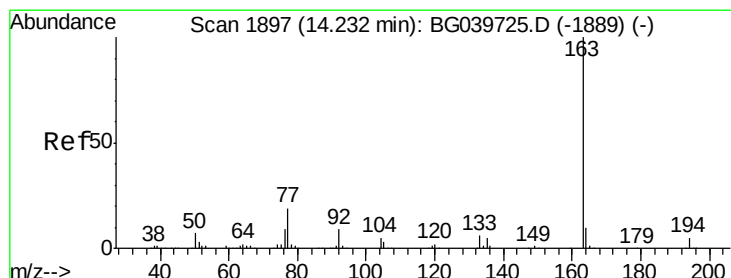
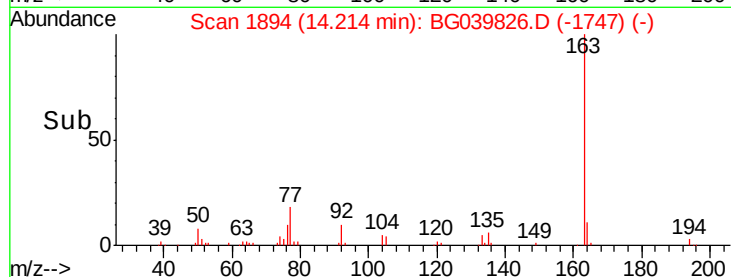
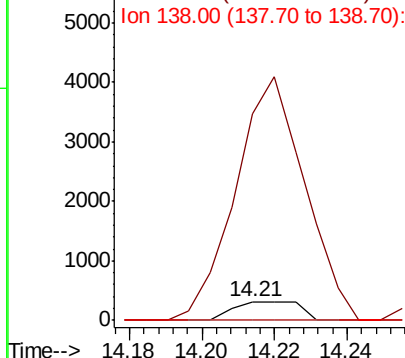
#48
2-Nitroaniline
Concen: 0.154 ng
RT: 14.21 min Scan# 1894
Delta R.T. 0.33 min
Lab File: BG039826.D
Acq: 8 Mar 2019 18:15

Instrument :
BNA_G
ClientSampled :

Tot Ion: 65 Resp: 392
Ion Ratio Lower Upper
65 100
92 1114.7 51.4 77.2#
138 0.0 71.4 107.2#

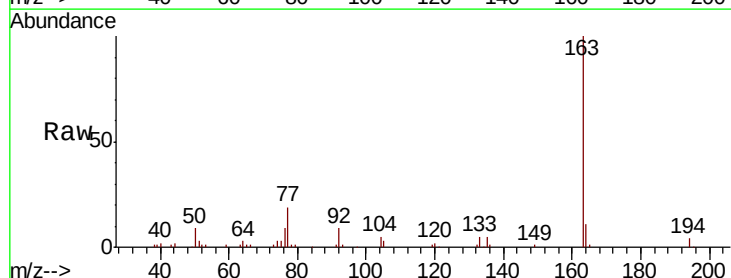


Abundance Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG
Ion 138.00 (137.70 to 138.70): E

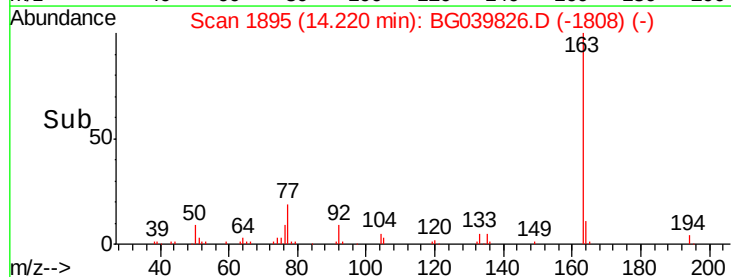
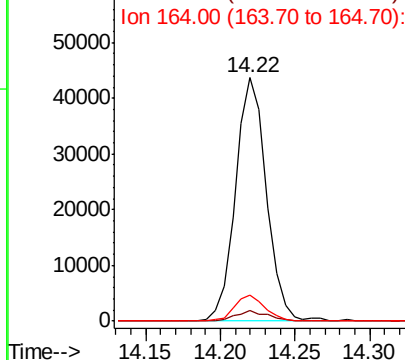


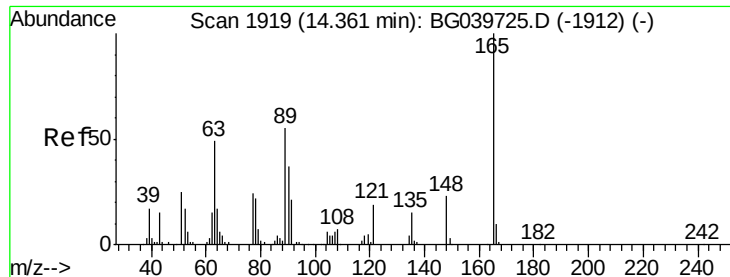
#50
Dimethylphthalate
Concen: 5.865 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039826.D
Acq: 8 Mar 2019 18:15

Tgt Ion:163 Resp: 62766
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 10.5 8.4 12.6



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: 0.304 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.15 min

Lab File: BG039826.D

Acq: 8 Mar 2019 18:15

Instrument :

BNA_G

ClientSampleId :

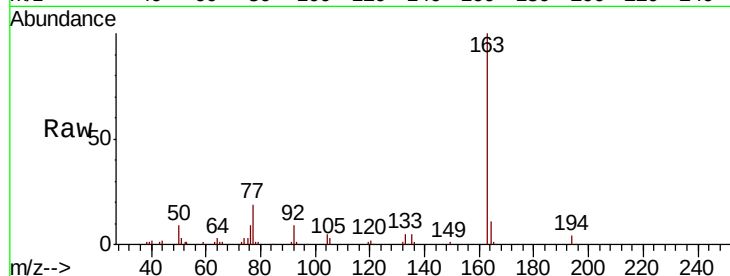
Tot Ion:165 Resp: 689

Ion Ratio Lower Upper

165 100

63 108.4 47.0 70.6#

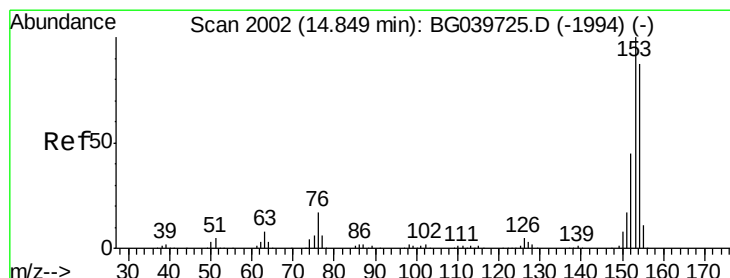
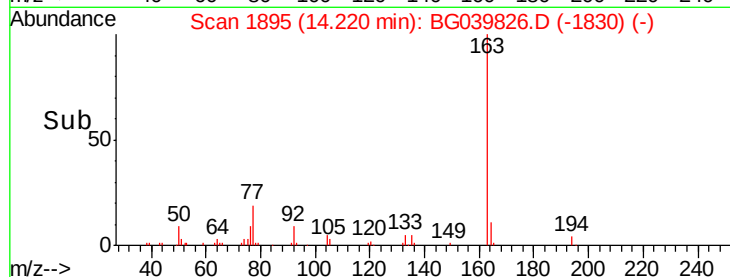
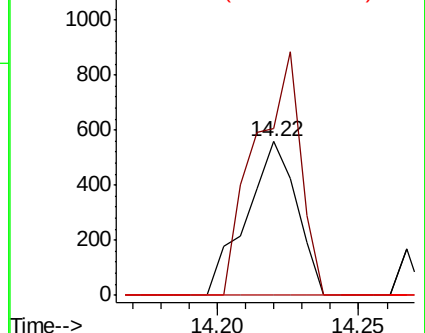
89 0.0 45.8 68.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 0.041 ng

RT: 14.78 min Scan# 1991

Delta R.T. -0.07 min

Lab File: BG039826.D

Acq: 8 Mar 2019 18:15

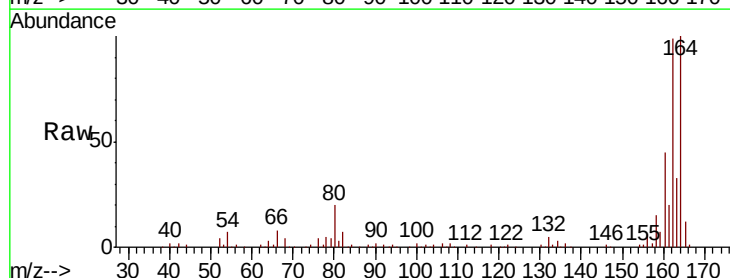
Tgt Ion:154 Resp: 318

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

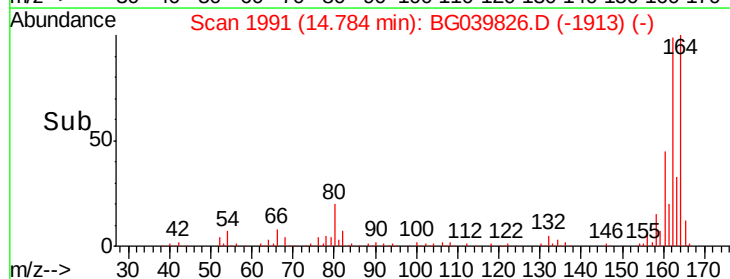
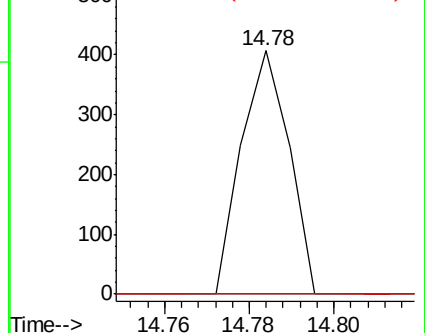
152 0.0 40.9 61.3#

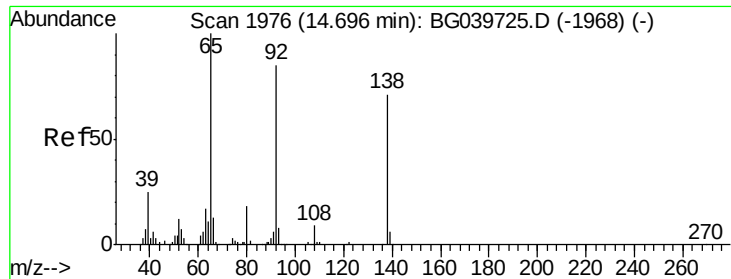


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

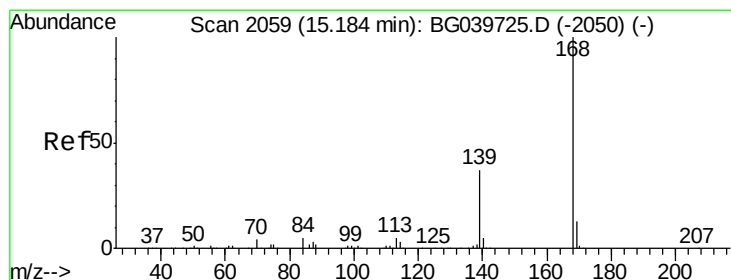
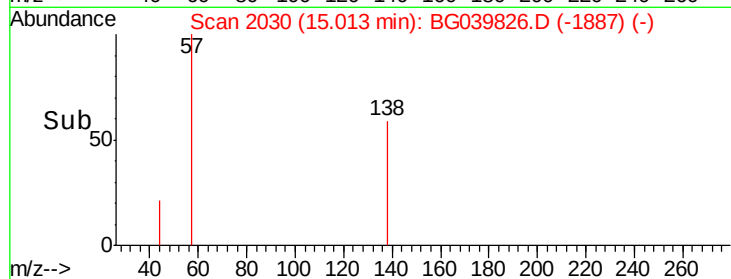
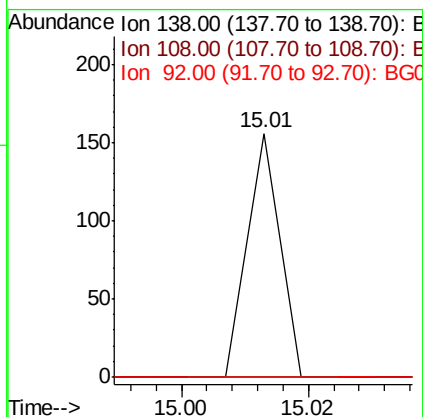
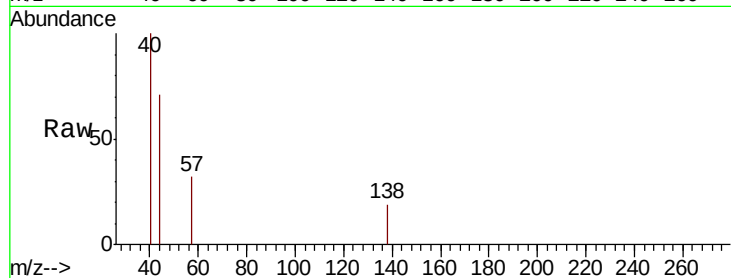




#53
3-Nitroaniline
Concen: 0.024 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.31 min
Lab File: BG039826.D
Acq: 8 Mar 2019 18:15

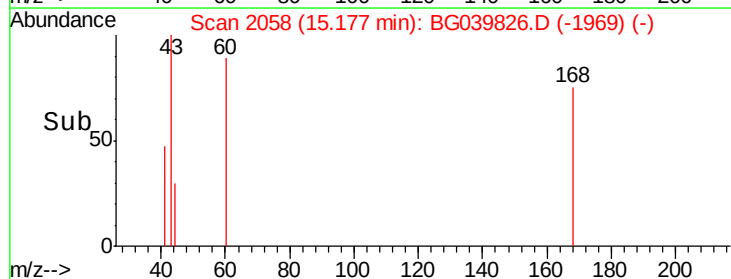
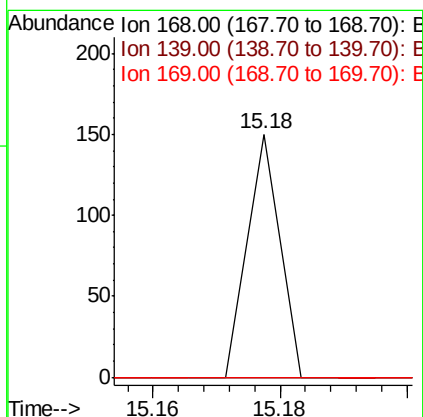
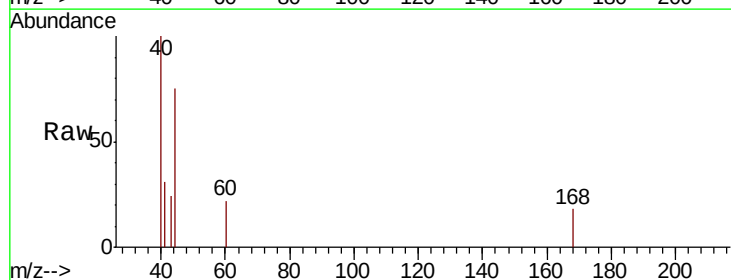
Instrument :
BNA_G
ClientSampleId :

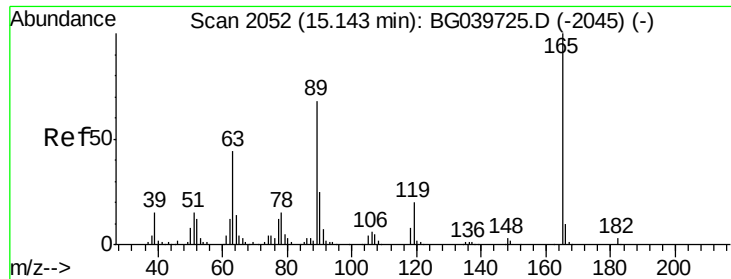
Tot Ion:138 Resp: 55
Ion Ratio Lower Upper
138 100
108 0.0 13.8 20.8#
92 0.0 103.7 155.5#



#55
Dibenzofuran
Concen: 0.004 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BG039826.D
Acq: 8 Mar 2019 18:15

Tgt Ion:168 Resp: 53
Ion Ratio Lower Upper
168 100
139 0.0 30.1 45.1#
169 0.0 10.6 16.0#

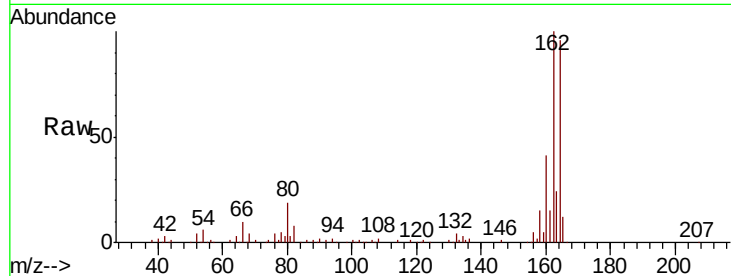




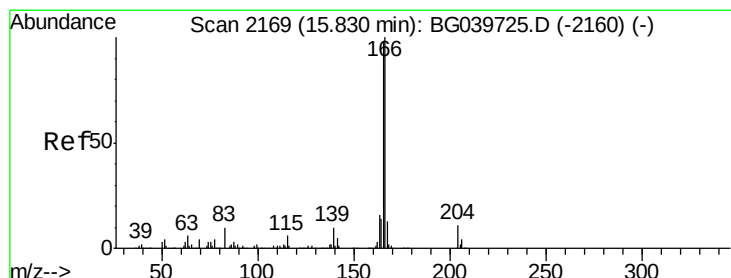
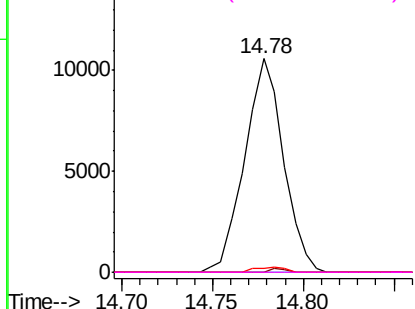
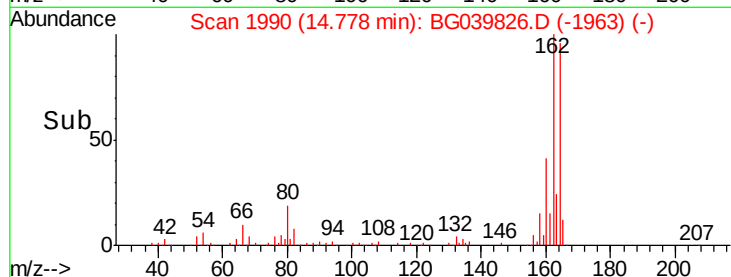
#57
 2,4-Dinitrotoluene
 Concen: 4.931 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.37 min
 Lab File: BG039826.D
 Acq: 8 Mar 2019 18:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 15719
 Ion Ratio Lower Upper
 165 100
 63 0.0 41.0 61.6#
 89 1.8 64.6 96.8#
 182 0.0 2.0 3.0#

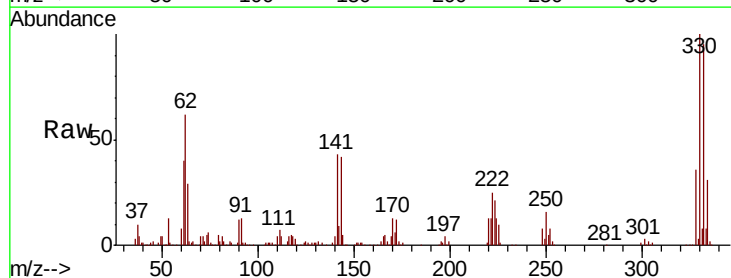


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

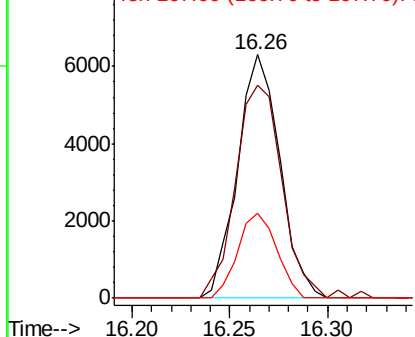
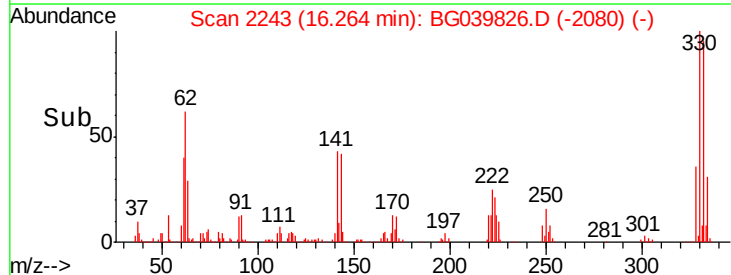


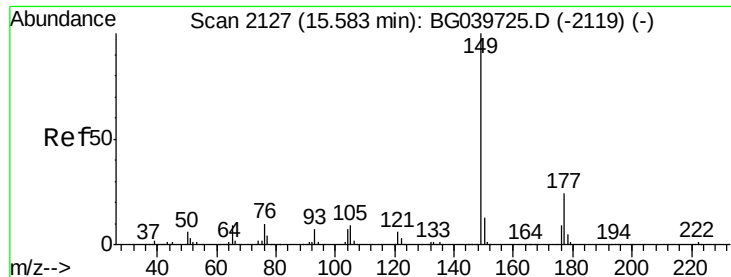
#58
 Fluorene
 Concen: 0.936 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. 0.43 min
 Lab File: BG039826.D
 Acq: 8 Mar 2019 18:15

Tgt Ion:166 Resp: 9443
 Ion Ratio Lower Upper
 166 100
 165 87.3 77.9 116.9
 167 34.9 10.8 16.2#



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





#60

Diethylphthalate

Concen: 0.051 ng

RT: 15.57 min Scan# 2125

Delta R.T. -0.02 min

Lab File: BG039826.D

Acq: 8 Mar 2019 18:15

Instrument :

BNA_G

ClientSampleId :

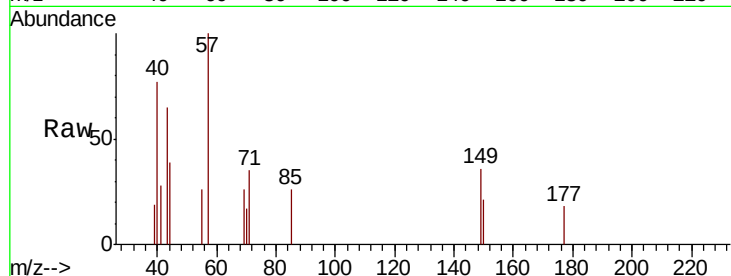
Tot Ion:149 Resp: 540

Ion Ratio Lower Upper

149 100

177 50.0 18.3 27.5#

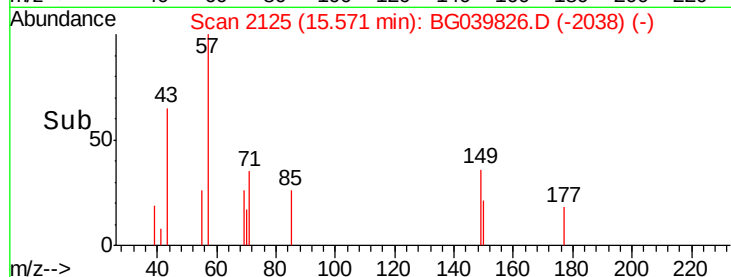
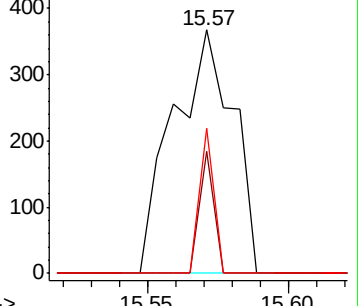
150 59.5 10.2 15.2#



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



#63

Azobenzene

Concen: 0.140 ng

RT: 16.26 min Scan# 2242

Delta R.T. 0.15 min

Lab File: BG039826.D

Acq: 8 Mar 2019 18:15

Tgt Ion: 77 Resp: 1347

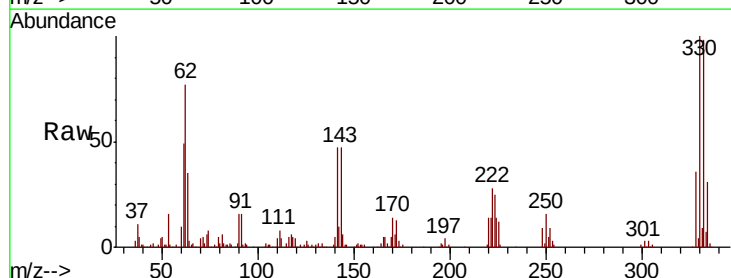
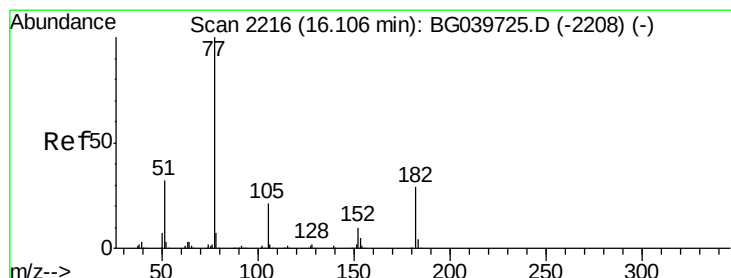
Ion Ratio Lower Upper

77 100

182 0.0 6.4 46.4#

105 73.8 0.0 39.8#

51 54.5 14.1 54.1#

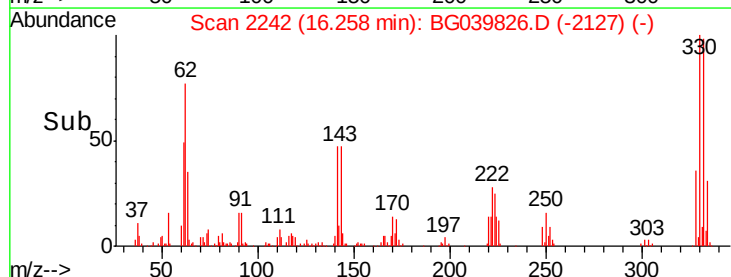
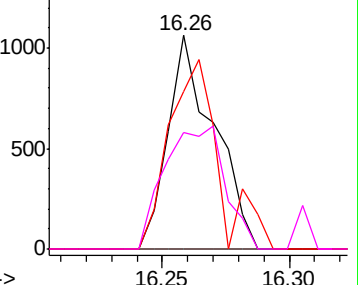


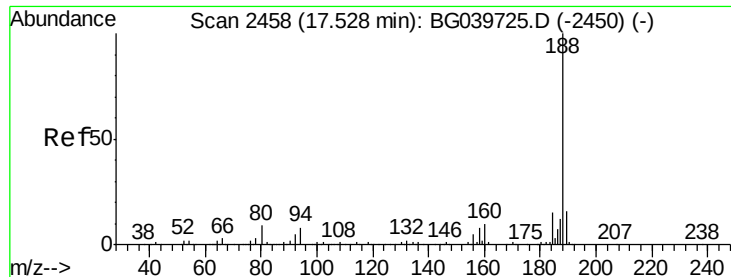
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG039826.D

Acq: 8 Mar 2019 18:15

Instrument :

BNA_G

ClientSampled :

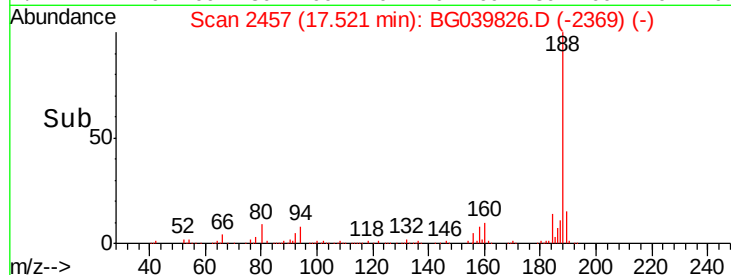
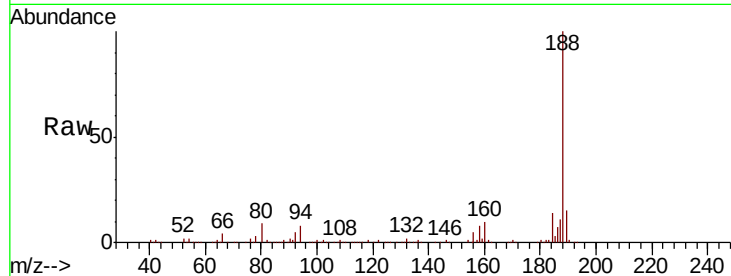
Tot Ion:188 Resp: 309282

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

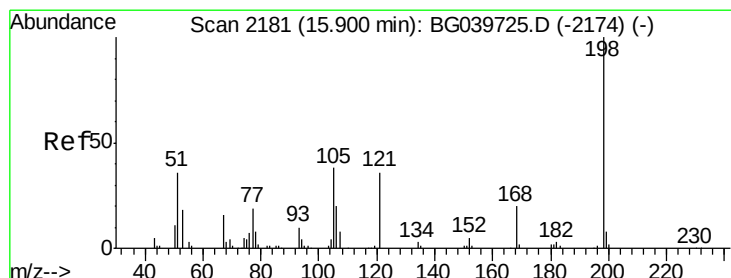
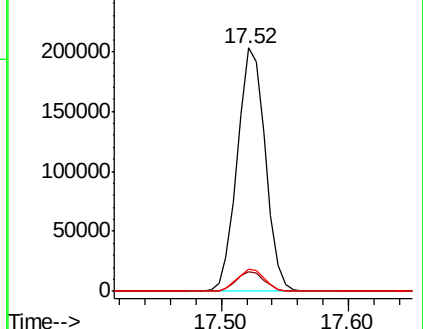
80 9.2 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

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: 0.040 ng

RT: 15.62 min Scan# 2134

Delta R.T. -0.28 min

Lab File: BG039826.D

Acq: 8 Mar 2019 18:15

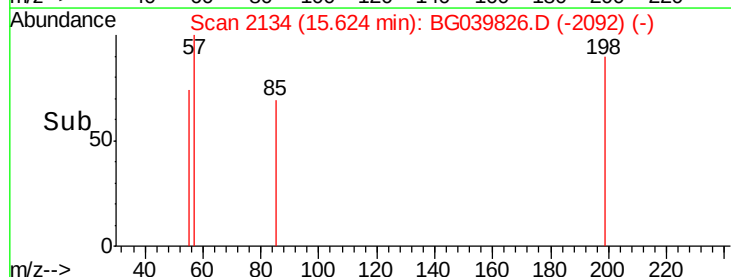
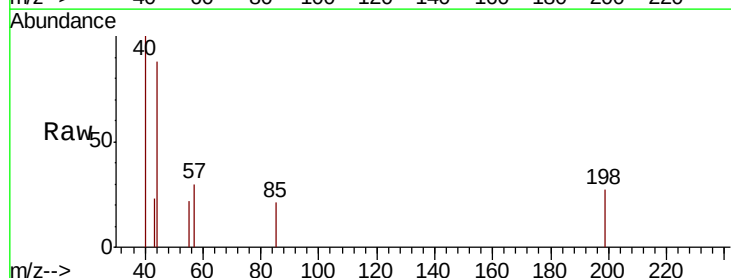
Tgt Ion:198 Resp: 74

Ion Ratio Lower Upper

198 100

51 0.0 27.4 67.4#

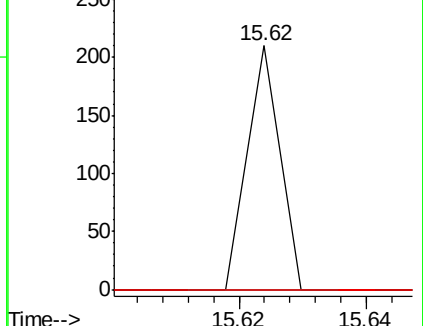
105 0.0 19.7 59.7#

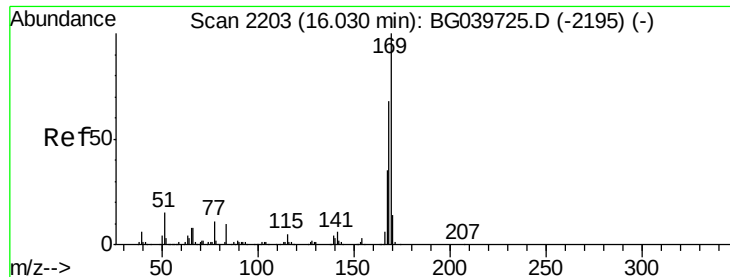


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

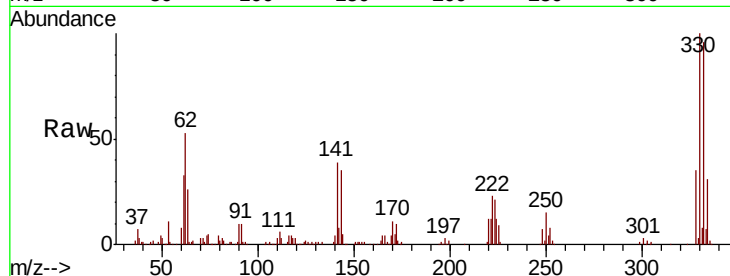




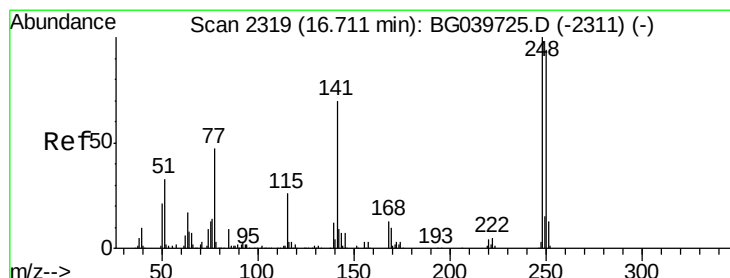
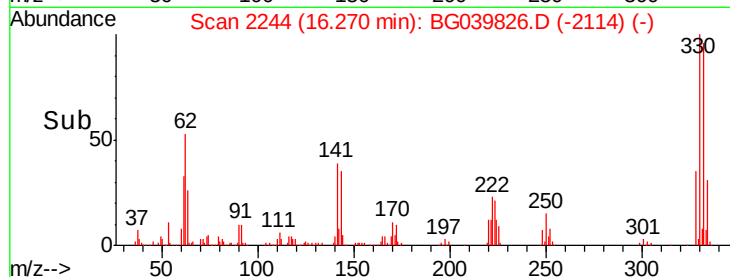
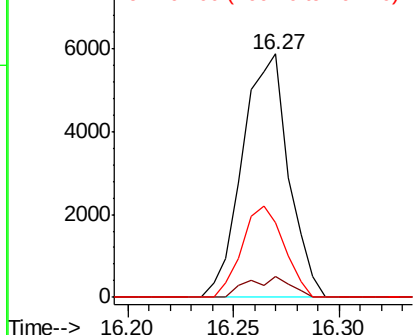
#66
 n-Nitrosodiphenylamine
 Concen: 0.997 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. 0.23 min
 Lab File: BG039826.D
 Acq: 8 Mar 2019 18:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 8930
 Ion Ratio Lower Upper
 169 100
 168 8.4 56.6 85.0#
 167 30.9 28.8 43.2

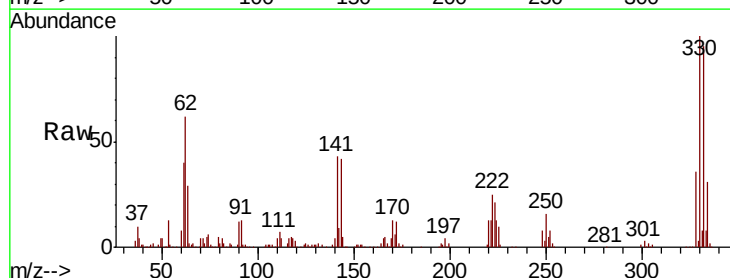


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

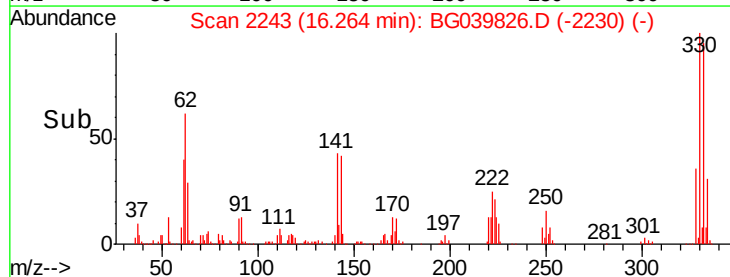
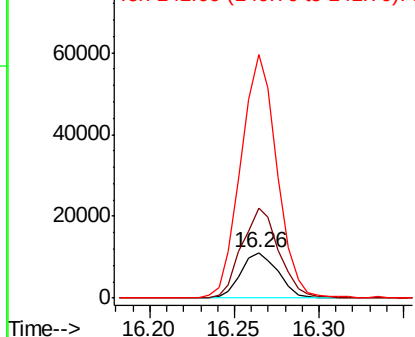


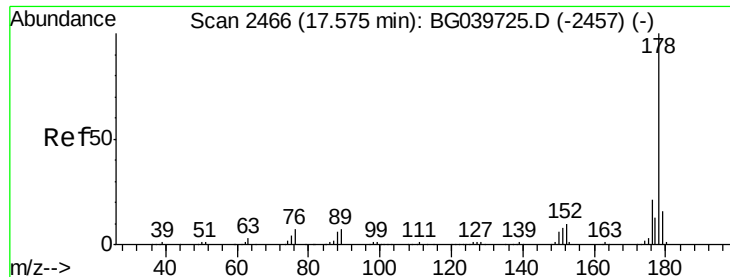
#67
 4-Bromophenyl-phenylether
 Concen: 4.938 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. -0.45 min
 Lab File: BG039826.D
 Acq: 8 Mar 2019 18:15

Tgt Ion:248 Resp: 17094
 Ion Ratio Lower Upper
 248 100
 250 198.0 77.6 116.4#
 141 533.1 63.9 95.9#



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





#71

Phenanthrene

Concen: 0.034 ng

RT: 17.57 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BG039826.D

Acq: 8 Mar 2019 18:15

Instrument :

BNA_G

ClientSampled :

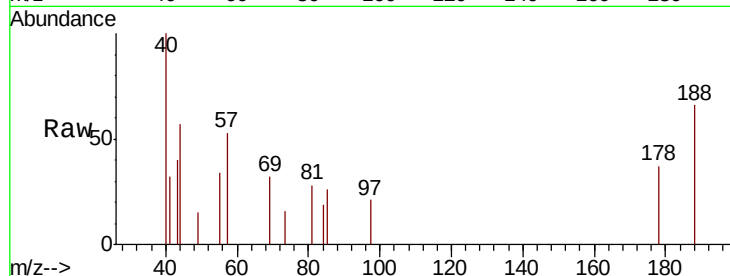
Tot Ion:178 Resp: 584

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

179 0.0 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

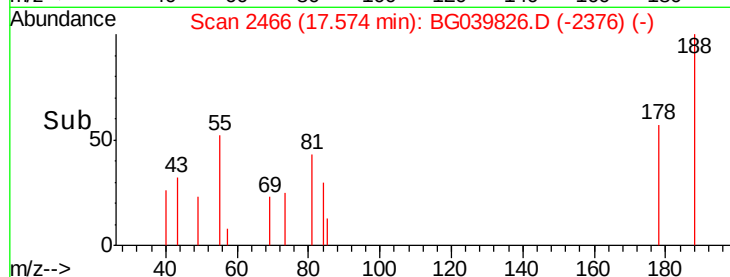
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

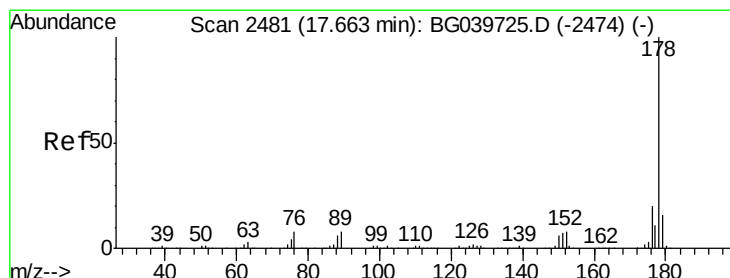
17.57

17.55

17.60



Time-->



#72

Anthracene

Concen: 0.035 ng

RT: 17.57 min Scan# 2466

Delta R.T. -0.10 min

Lab File: BG039826.D

Acq: 8 Mar 2019 18:15

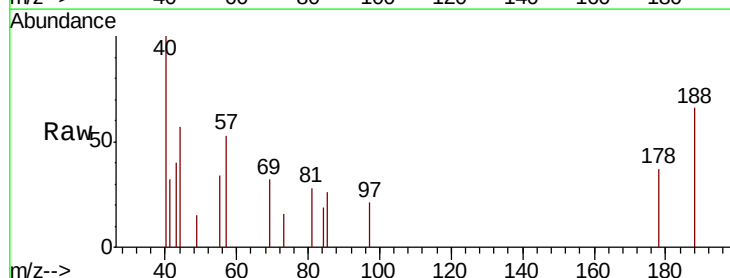
Tgt Ion:178 Resp: 584

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

179 0.0 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E

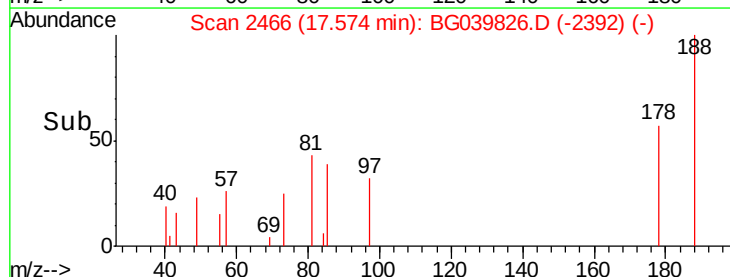
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

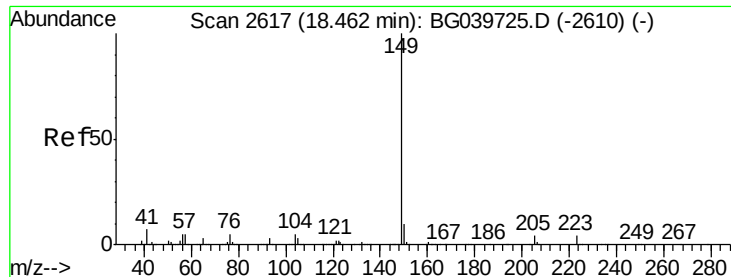
17.57

17.55

17.60



Time-->



#74

Di-n-butylphthalate

Concen: 0.175 ng

RT: 18.46 min Scan# 2616

Delta R.T. -0.01 min

Lab File: BG039826.D

Acq: 8 Mar 2019 18:15

Instrument :

BNA_G

ClientSampleId :

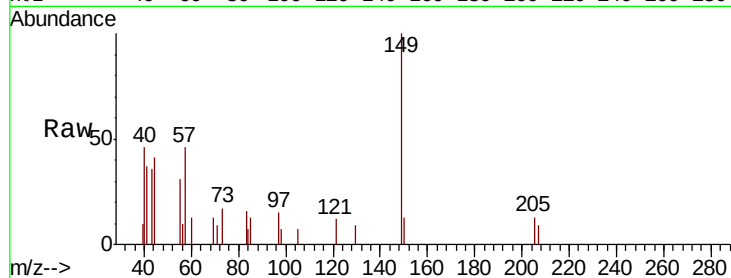
Tot Ion:149 Resp: 3087

Ion Ratio Lower Upper

149 100

150 12.7 7.7 11.5#

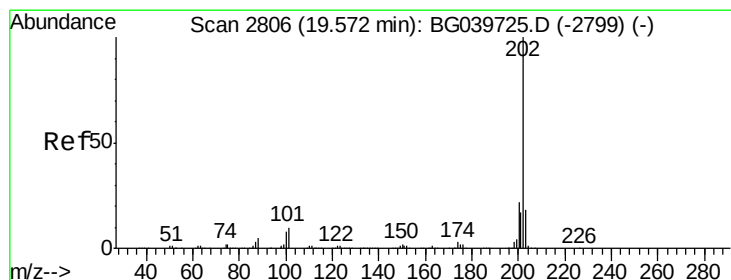
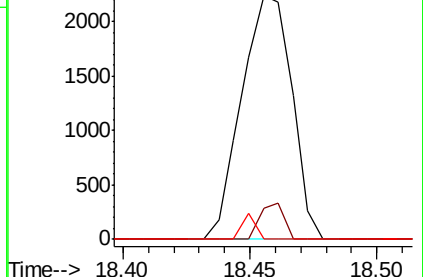
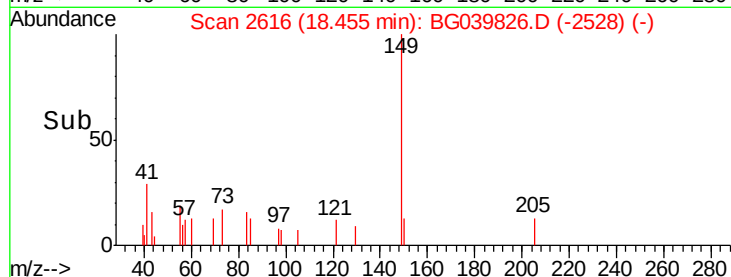
104 0.0 4.5 6.7#



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: 0.017 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039826.D

Acq: 8 Mar 2019 18:15

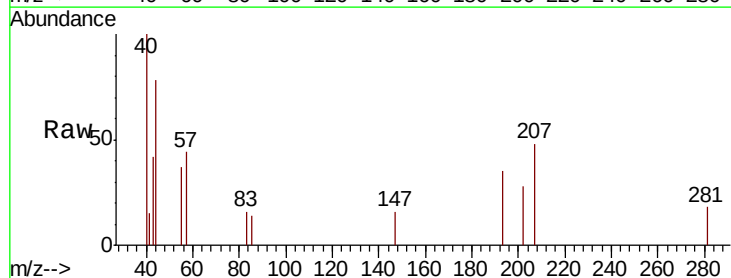
Tgt Ion:202 Resp: 335

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.0

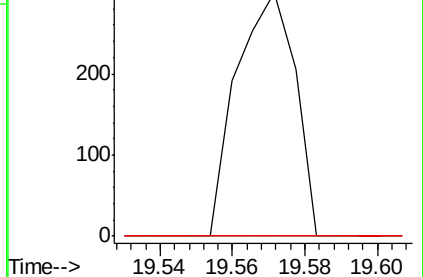
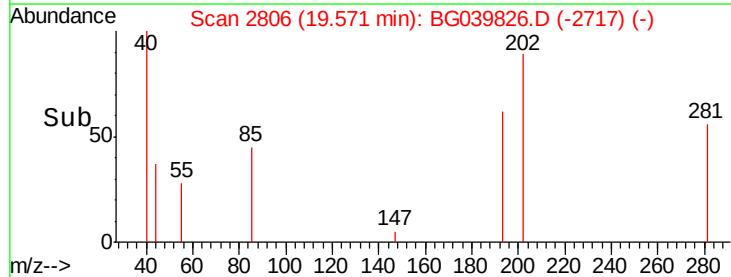
203 0.0 0.0 38.9

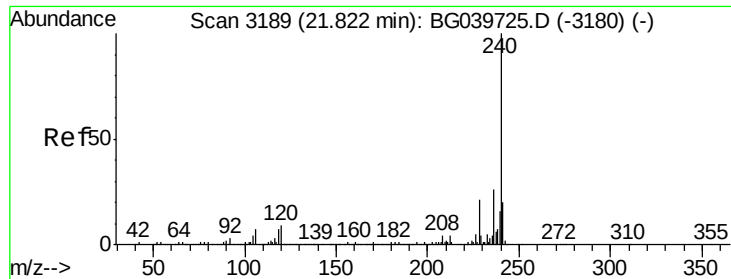


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

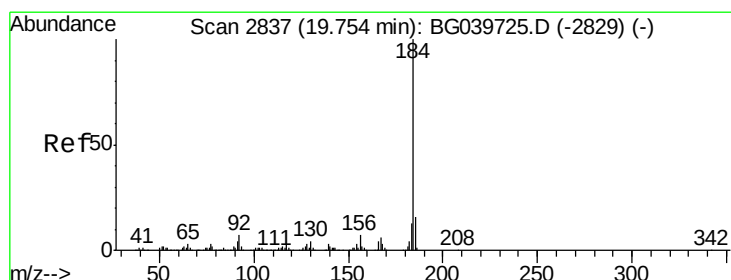
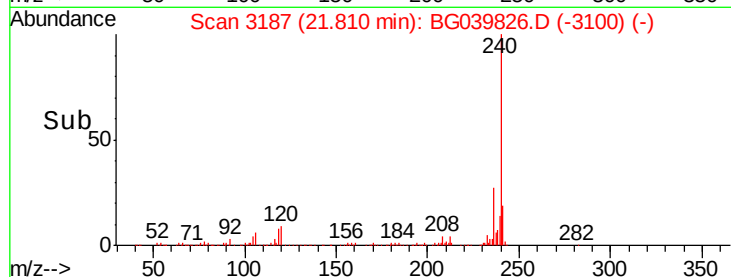
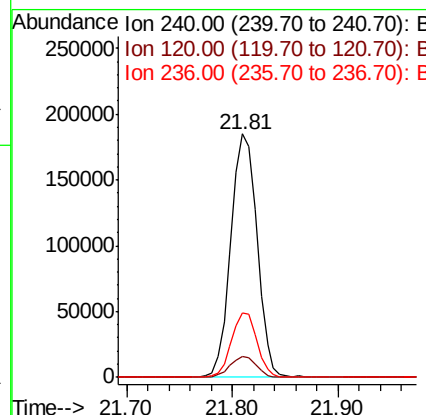
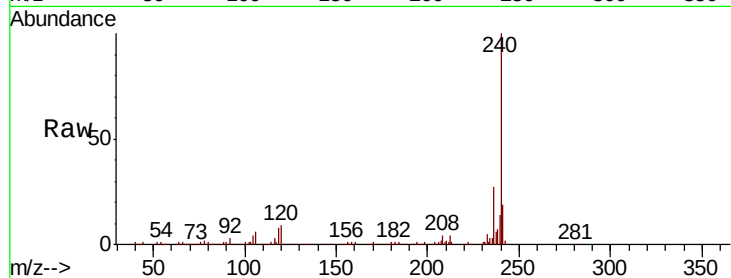




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039826.D
Acq: 8 Mar 2019 18:15

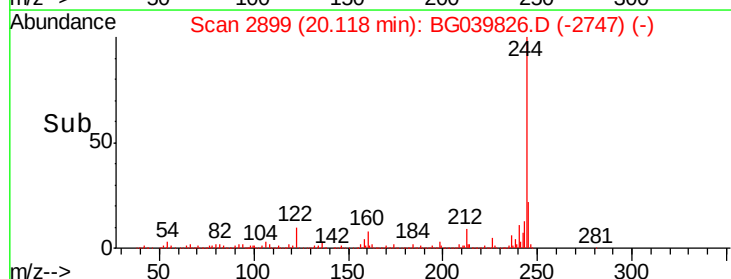
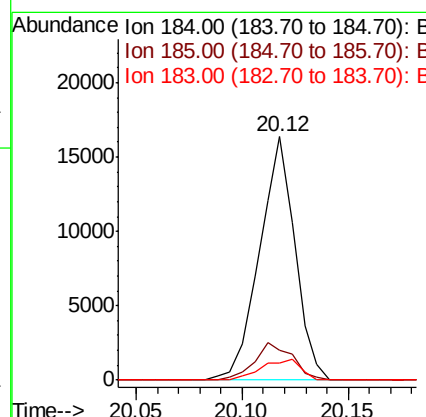
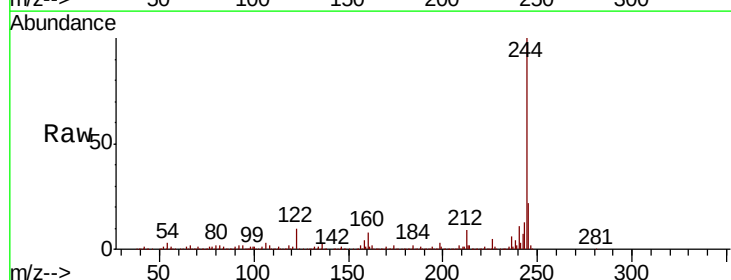
Instrument :
BNA_G
ClientSampled :

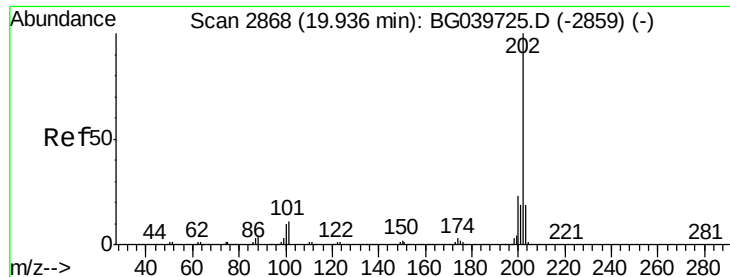
Tot Ion:240 Resp: 317252
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.6
236 26.7 21.0 31.4



#77
Benzidine
Concen: 1.892 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.36 min
Lab File: BG039826.D
Acq: 8 Mar 2019 18:15

Tgt Ion:184 Resp: 19046
Ion Ratio Lower Upper
184 100
185 12.4 12.2 18.2
183 7.1 10.6 15.8#





#78

Pvrene

Concen: 0.018 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG039826.D

Acq: 8 Mar 2019 18:15

Instrument :

BNA_G

ClientSampleId :

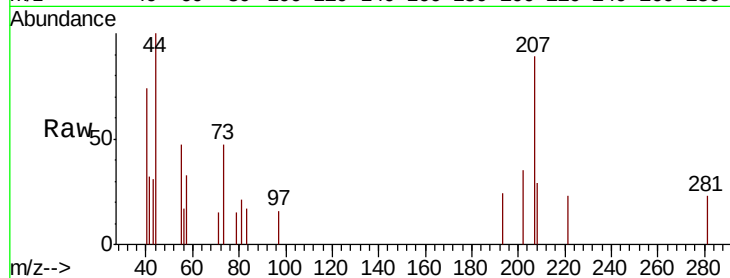
Tot Ion:202 Resp: 380

Ion Ratio Lower Upper

202 100

200 0.0 17.8 26.8#

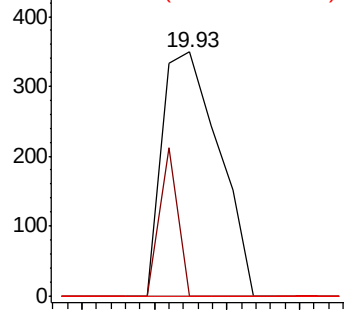
203 0.0 15.3 22.9#



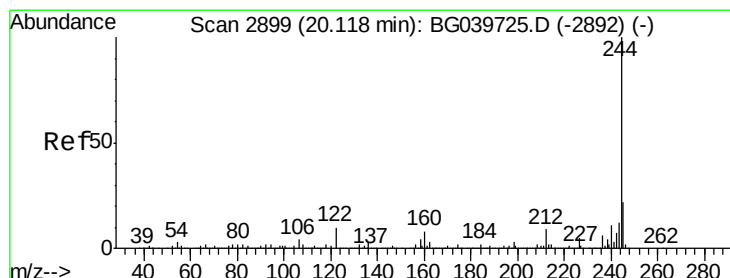
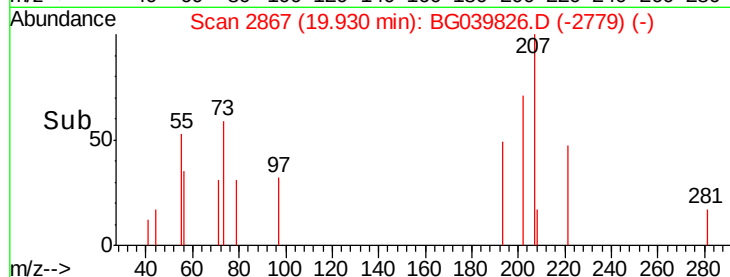
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 76.330 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039826.D

Acq: 8 Mar 2019 18:15

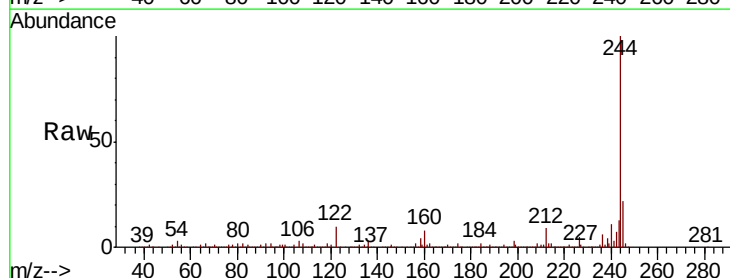
Tgt Ion:244 Resp: 1099813

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

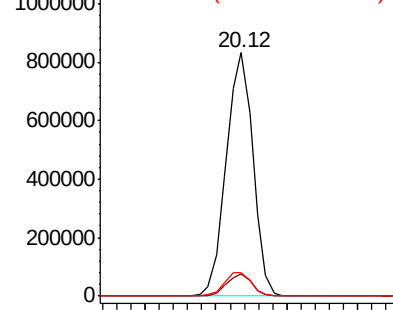
122 9.6 8.4 12.6



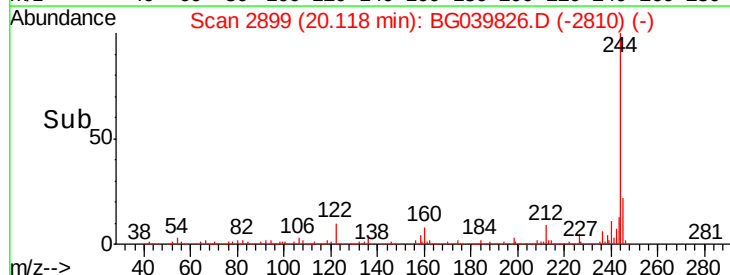
Abundance Ion 244.00 (243.70 to 244.70): E

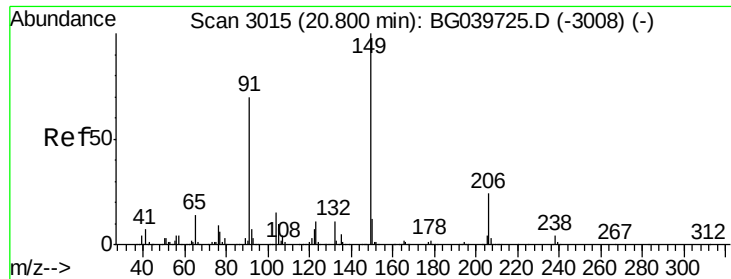
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

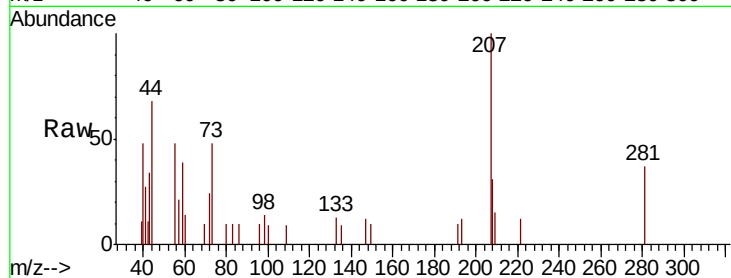




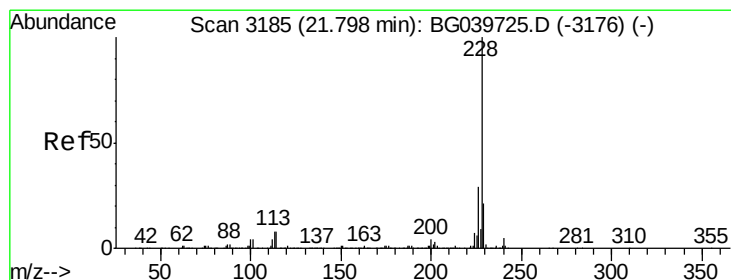
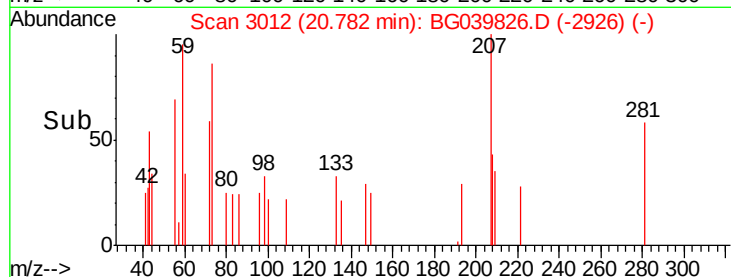
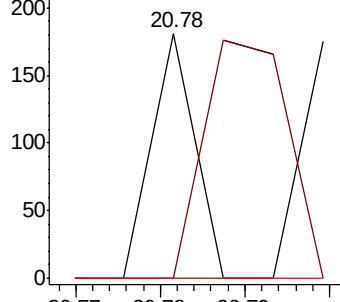
#80
Butylbenzylphthalate
Concen: 0.008 ng
RT: 20.78 min Scan# 3012
Delta R.T. -0.02 min
Lab File: BG039826.D
Acq: 8 Mar 2019 18:15

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	0.0	59.5	89.3#
206	0.0	18.6	27.8#

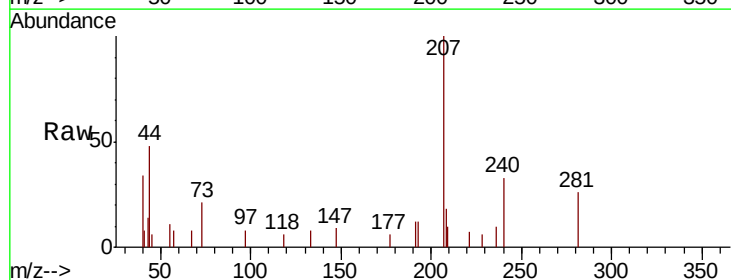


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

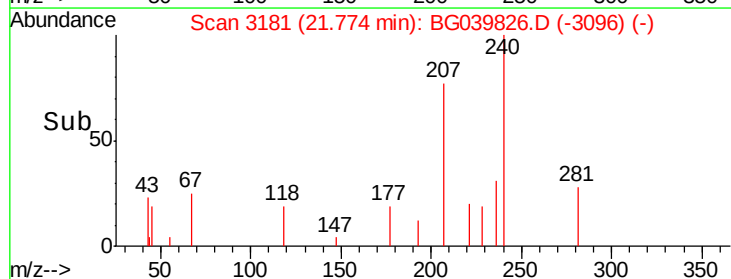
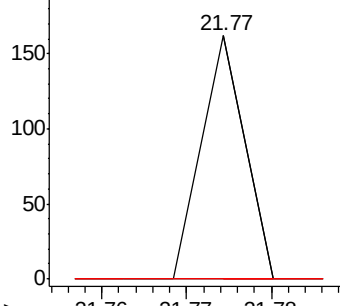


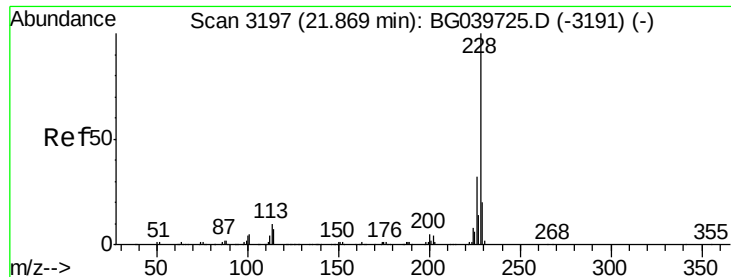
#81
Benzo(a)anthracene
Concen: 0.003 ng
RT: 21.77 min Scan# 3181
Delta R.T. -0.03 min
Lab File: BG039826.D
Acq: 8 Mar 2019 18:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	0.0	16.9	25.3#



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





#83

Chrysene

Concen: 0.006 ng

RT: 21.86 min Scan# 3195

Delta R.T. -0.02 min

Lab File: BG039826.D

Acq: 8 Mar 2019 18:15

Instrument :

BNA_G

ClientSampleId :

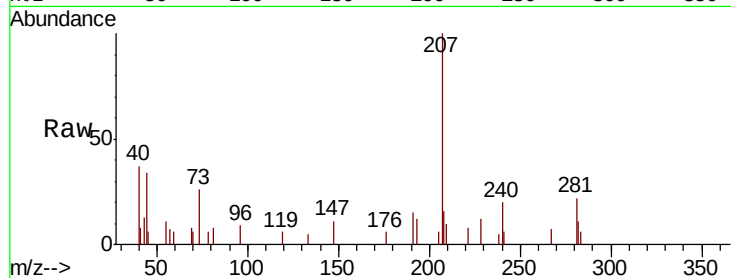
Tot Ion:228 Resp: 125

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

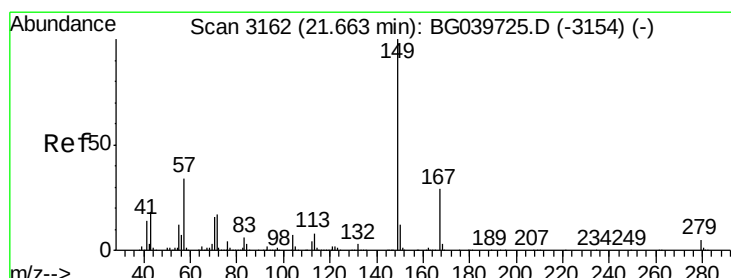
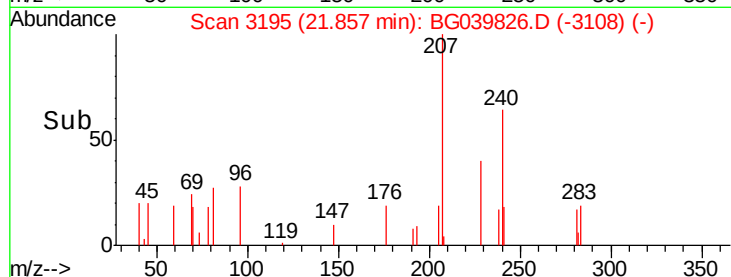
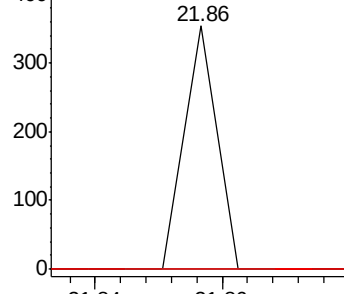
229 0.0 16.6 25.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.096 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG039826.D

Acq: 8 Mar 2019 18:15

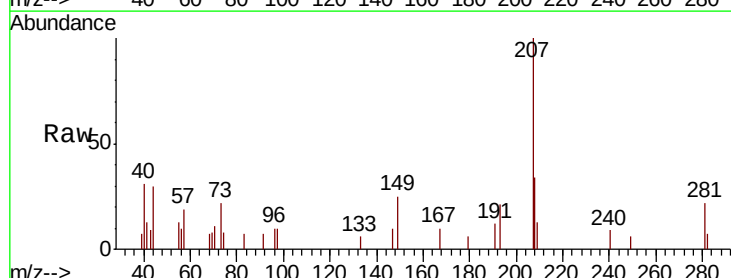
Tgt Ion:149 Resp: 1083

Ion Ratio Lower Upper

149 100

167 38.4 22.6 34.0#

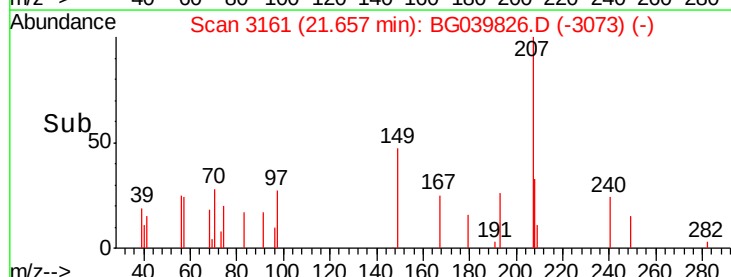
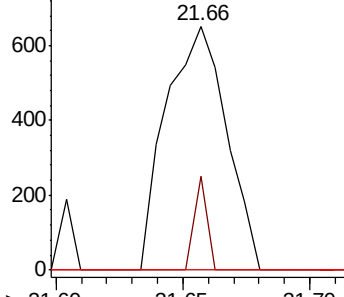
279 0.0 3.5 5.3#

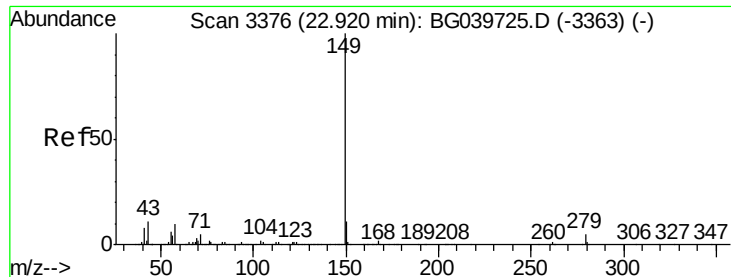


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

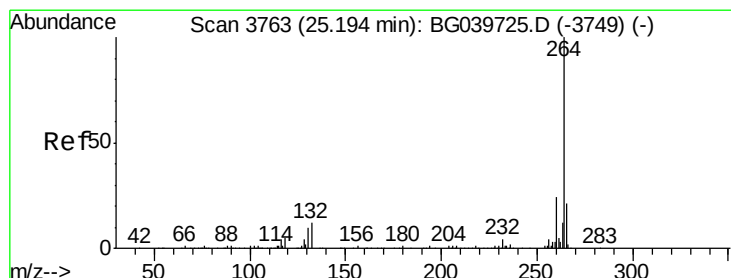
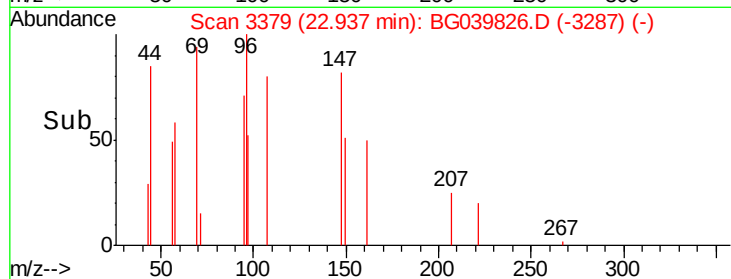
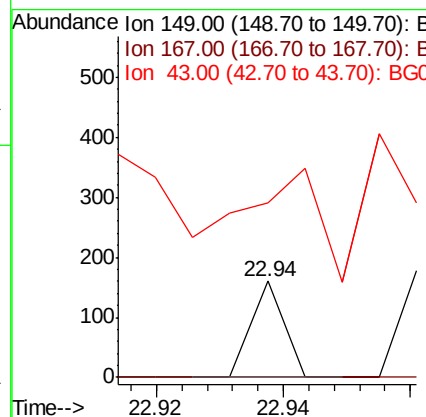
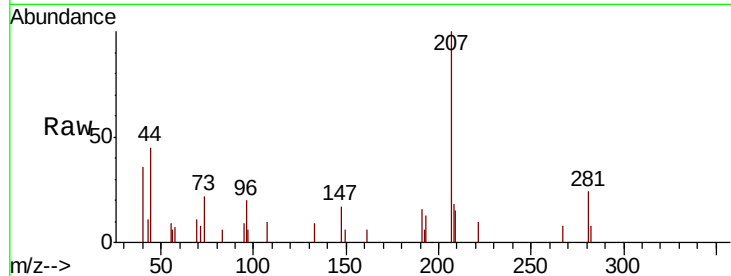




#85
Di-n-octyl phthalate
Concen: 0.003 ng
RT: 22.94 min Scan# 3379
Delta R.T. 0.01 min
Lab File: BG039826.D
Acq: 8 Mar 2019 18:15

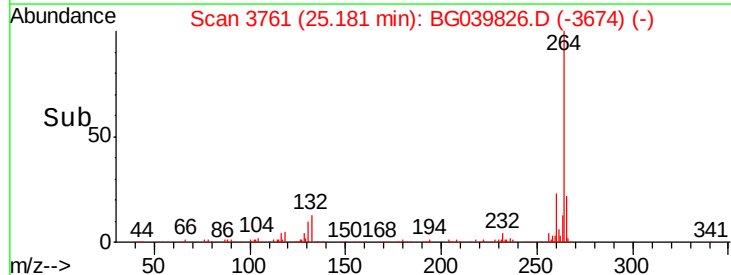
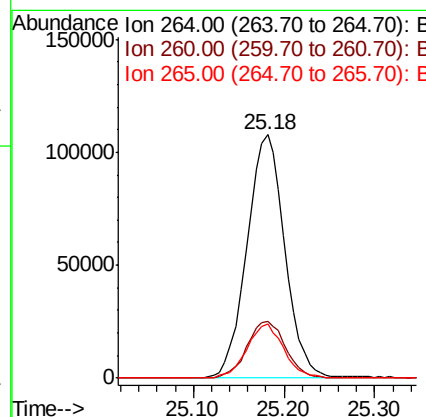
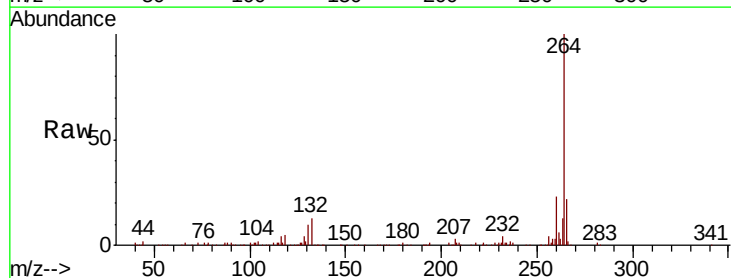
Instrument :
BNA_G
ClientSampled :

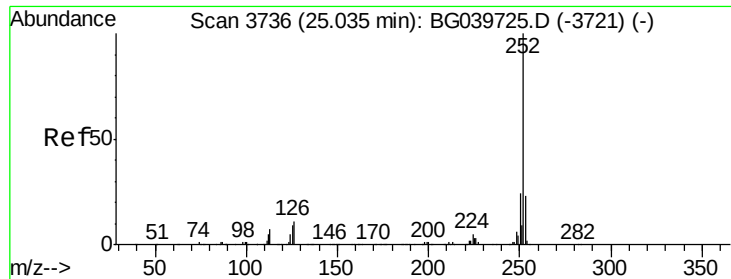
Tot Ion:149 Resp: 56
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 10.2 15.4#



#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.02 min
Lab File: BG039826.D
Acq: 8 Mar 2019 18:15

Tgt Ion:264 Resp: 312534
Ion Ratio Lower Upper
264 100
260 23.2 18.2 27.4
265 22.2 18.5 27.7





#90

Benzo(a)pyrene

Concen: 0.066 ng

RT: 25.18 min Scan# 3760

Delta R.T. 0.13 min

Lab File: BG039826.D

Acq: 8 Mar 2019 18:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1130

Ion Ratio Lower Upper

252 100

253 36.6 17.9 26.9#

125 0.0 8.3 12.5#

