

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030819\
 Data File : BG039830.D
 Acq On : 8 Mar 2019 20:52
 Operator : JU/SJ
 Sample : K1783-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 08 23:14:03 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	39112	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	173449	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	124749	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	311975	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	317764	20.00	ng	-0.02
87) Perylene-d12	25.18	264	315995	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	142216	62.03	ng	-0.01
7) Phenol-d6	7.29	99	127847	37.40	ng	-0.02
23) Nitrobenzene-d5	9.33	82	310342	96.77	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	203442	139.91	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	798051	91.09	ng	-0.01
79) Terphenyl-d14	20.12	244	1267460	87.82	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.59	88	56	0.053	ng	# 1
4) n-Nitrosodimethylamine	3.94	42	116	0.086	ng	# 1
6) Aniline	7.68	93	406	0.091	ng	# 1
9) Benzaldehyde	7.29	77	56	0.025	ng	# 4
10) Phenol	7.32	94	1113	0.301	ng	# 70
11) bis(2-Chloroethyl)ether	7.68	93	406	0.141	ng	# 1
15) Benzyl Alcohol	8.48	79	4915	1.813	ng	# 48
19) n-Nitroso-di-n-propylamine	9.33	70	39463	16.039	ng	# 70
24) Nitrobenzene	9.33	77	927	0.276	ng	# 45
46) 1,1'-Biphenyl	13.62	154	1154	0.112	ng	# 81
48) 2-Nitroaniline	13.40	65	1509	0.608	ng	# 1
50) Dimethylphthalate	14.21	163	3969	0.380	ng	# 95
51) 2,6-Dinitrotoluene	14.78	165	15970	7.222	ng	# 25
52) Acenaphthene	14.78	154	387	0.051	ng	# 5
54) 2,4-Dinitrophenol	15.03	184	57	5.294	ng	# 18
56) 4-Nitrophenol	15.43	139	61	0.031	ng	# 1
57) 2,4-Dinitrotoluene	14.78	165	15970	5.140	ng	# 20
58) Fluorene	16.26	166	8566	0.871	ng	# 90
60) Diethylphthalate	15.57	149	54	0.005	ng	# 58
63) Azobenzene	16.26	77	1209	0.129	ng	# 22
65) 4,6-Dinitro-2-methylphenol	16.26	198	730	0.396	ng	# 1
66) n-Nitrosodiphenylamine	16.26	169	8348	0.924	ng	# 48
67) 4-Bromophenyl-phenylether	16.26	248	16014	4.586	ng	# 1
71) Phenanthrene	17.57	178	254	0.015	ng	# 59
72) Anthracene	17.57	178	254	0.015	ng	# 60
74) Di-n-butylphthalate	18.45	149	904	0.051	ng	# 77
75) Fluoranthene	19.57	202	356	0.018	ng	# 63
77) Benzidine	20.12	184	22035	2.185	ng	# 94
78) Pyrene	19.94	202	356	0.017	ng	# 55
80) Butylbenzylphthalate	20.75	149	56	0.007	ng	# 22
81) Benzo(a)anthracene	21.81	228	1080	0.054	ng	# 45
82) 3,3'-Dichlorobenzidine	21.57	252	54	0.007	ng	# 26
83) Chrysene	21.86	228	136	0.007	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.66	149	496	0.044	ng	# 52

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Sample : K1783-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Time: Mar 08 23:14:03 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

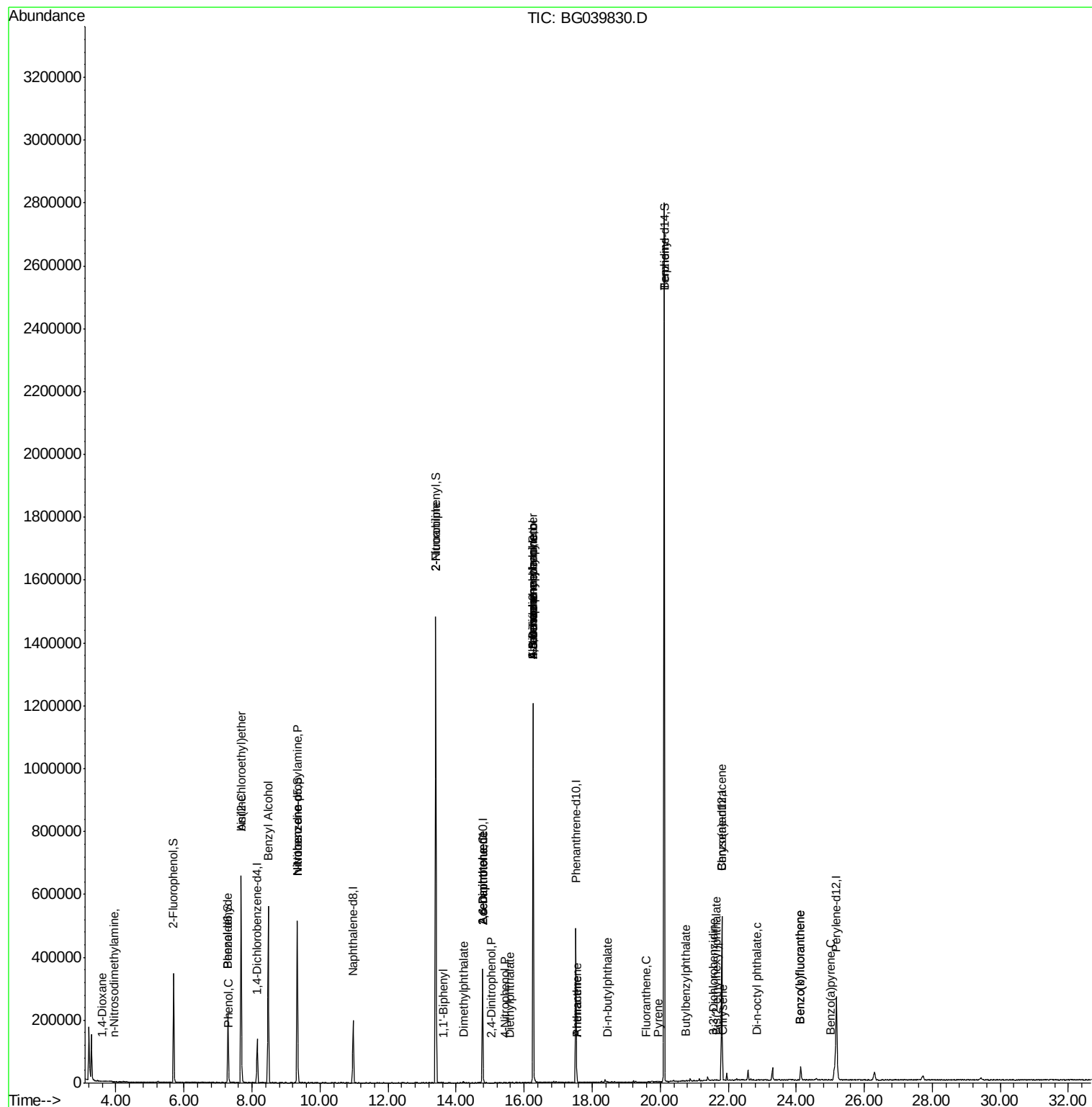
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Di-n-octyl phthalate	22.85	149	69	0.004	ng	# 1
88) Benzo(b)fluoranthene	24.12	252	252	0.013	ng	# 60
89) Benzo(k)fluoranthene	24.12	252	252	0.014	ng	# 59
90) Benzo(a)pyrene	25.02	252	75	0.004	ng	# 59

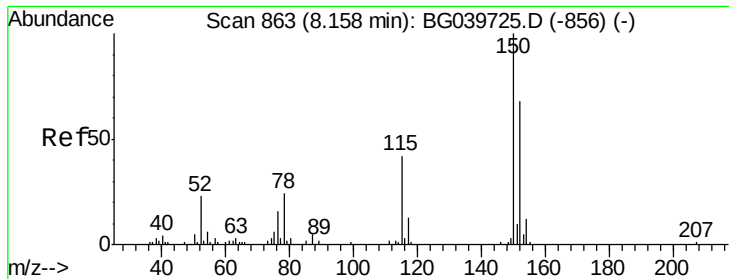
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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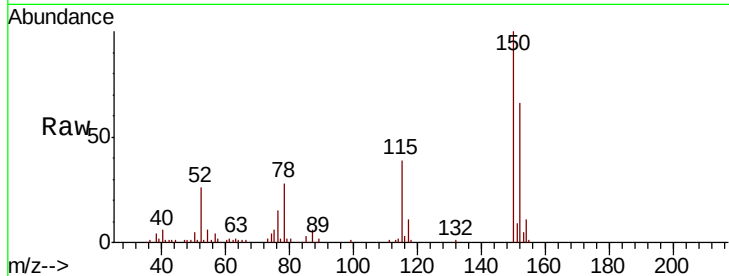


#1

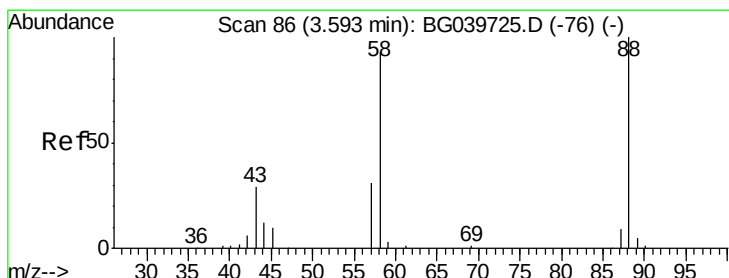
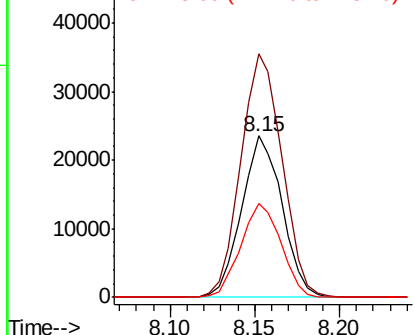
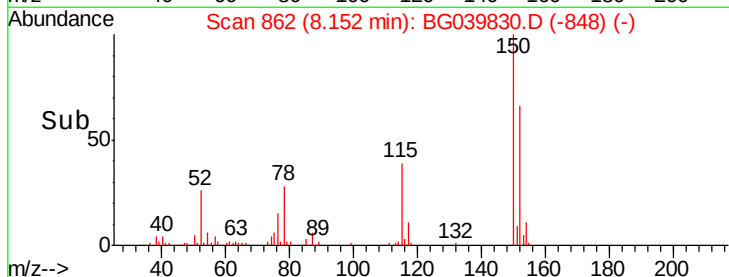
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039830.D
Acq: 8 Mar 2019 20:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 39112
Ion Ratio Lower Upper
152 100
150 150.8 123.7 185.5
115 58.3 45.9 68.9



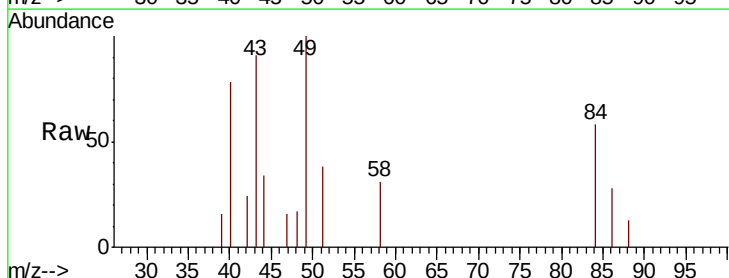
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



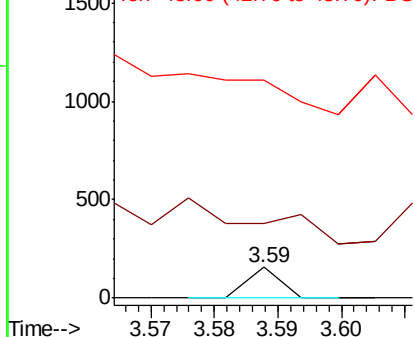
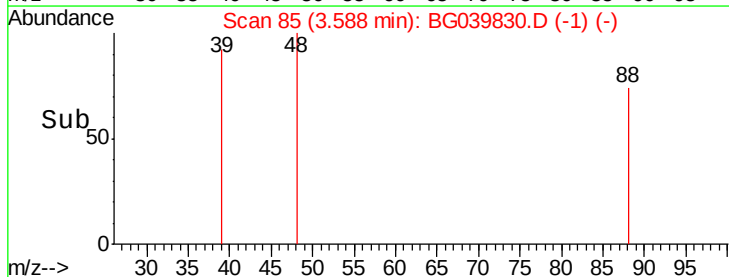
#2

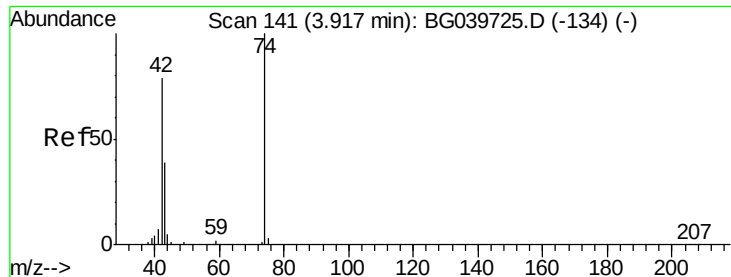
1,4-Dioxane
Concen: 0.053 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039830.D
Acq: 8 Mar 2019 20:52

Tgt Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
58 1087.5 81.1 121.7#
43 0.0 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



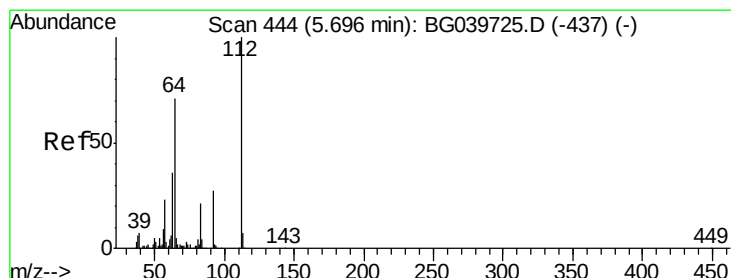
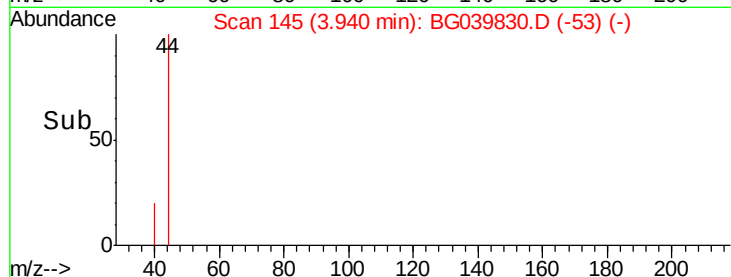
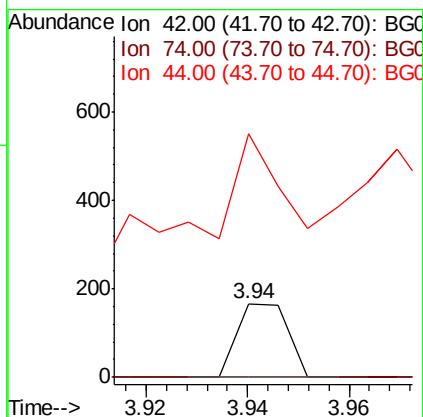
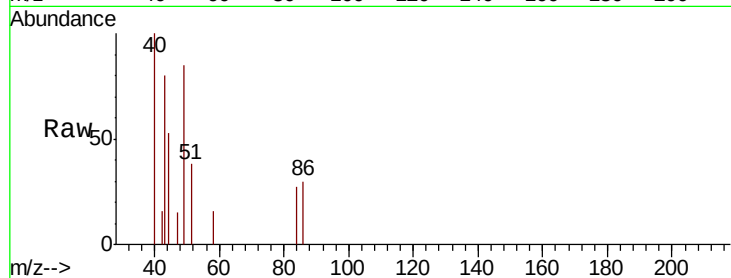


#4

n-Nitrosodimethylamine
 Concen: 0.086 ng
 RT: 3.94 min Scan# 145
 Delta R.T. 0.01 min
 Lab File: BG039830.D
 Acq: 8 Mar 2019 20:52

Instrument :
 BNA_G
 ClientSampleId :

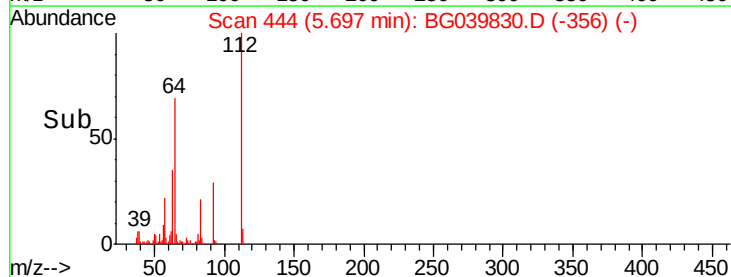
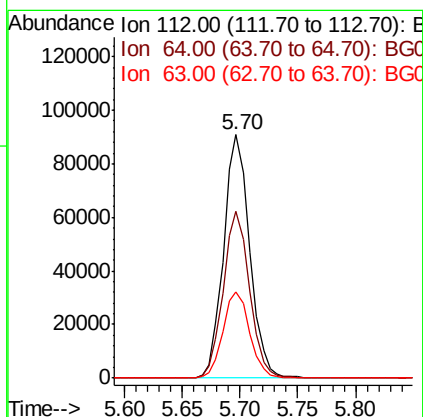
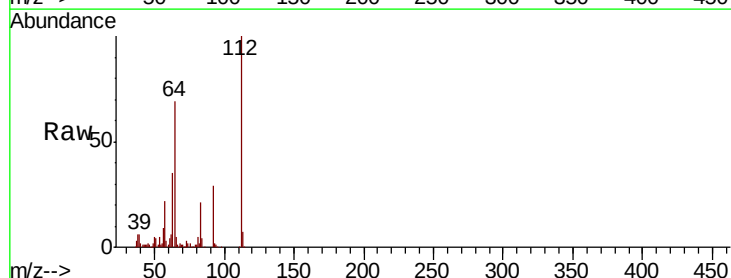
Tot Ion: 42 Resp: 116
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.6 125.4#
 44 331.9 6.9 10.3#

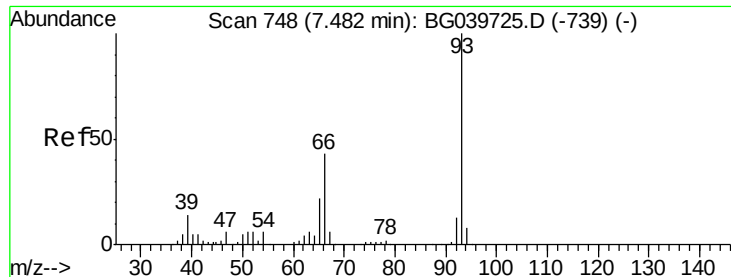


#5

2-Fluorophenol
 Concen: 62.033 ng
 RT: 5.70 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BG039830.D
 Acq: 8 Mar 2019 20:52

Tgt Ion: 112 Resp: 142216
 Ion Ratio Lower Upper
 112 100
 64 68.5 57.8 86.8
 63 35.4 29.8 44.6





#6

Aniline

Concen: 0.091 ng

RT: 7.68 min Scan# 782

Delta R.T. 0.19 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

Instrument :

BNA_G

ClientSampleId :

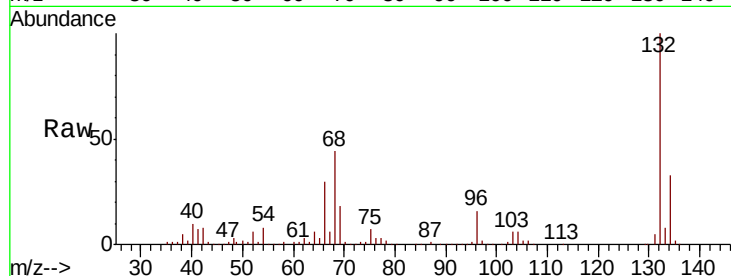
Tot Ion: 93 Resp: 406

Ion Ratio Lower Upper

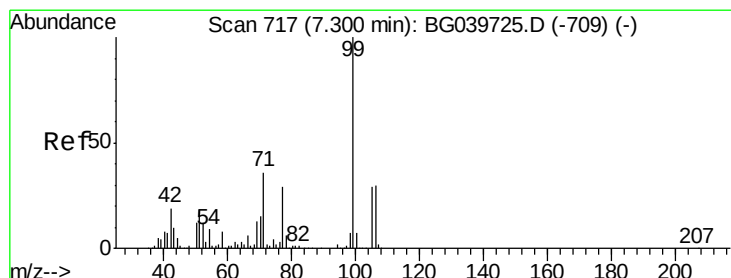
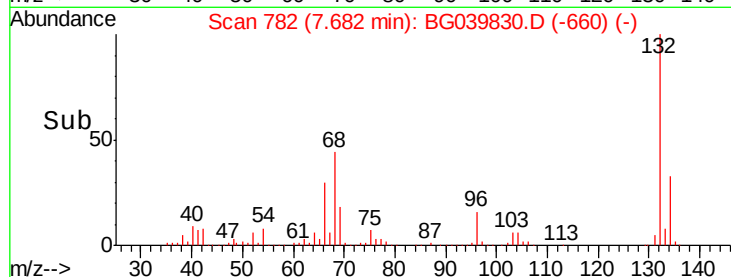
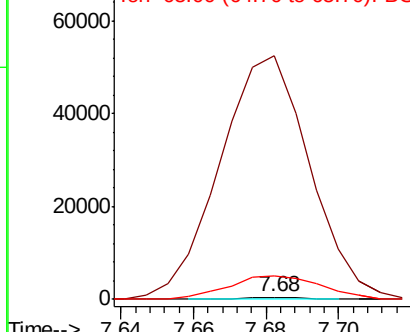
93 100

66 11267.0 34.2 51.4#

65 1107.7 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: 37.400 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

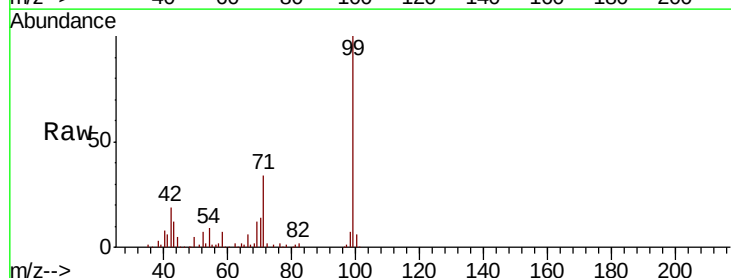
Tgt Ion: 99 Resp: 127847

Ion Ratio Lower Upper

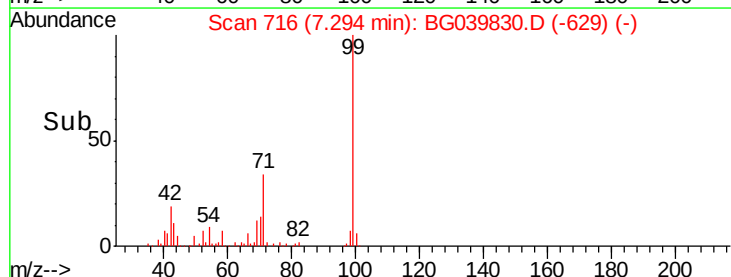
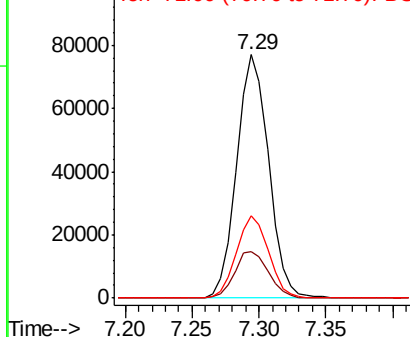
99 100

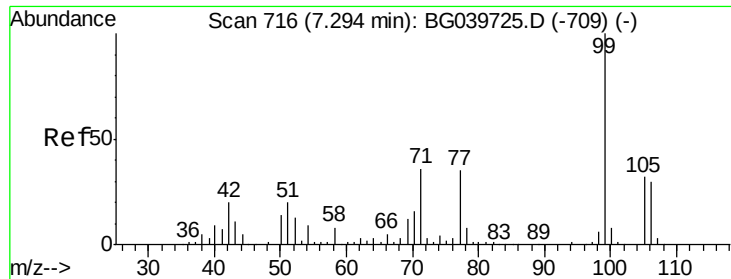
42 19.2 18.2 27.2

71 33.9 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





#9

Benzaldehyde

Concen: 0.025 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

Instrument :

BNA_G

ClientSampled :

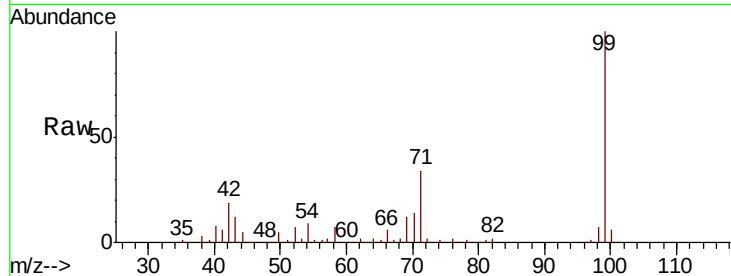
Tot Ion: 77 Resp: 56

Ion Ratio Lower Upper

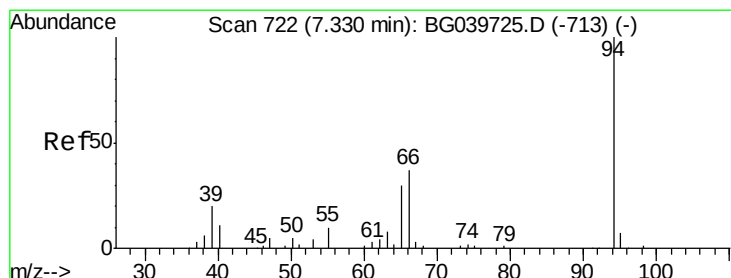
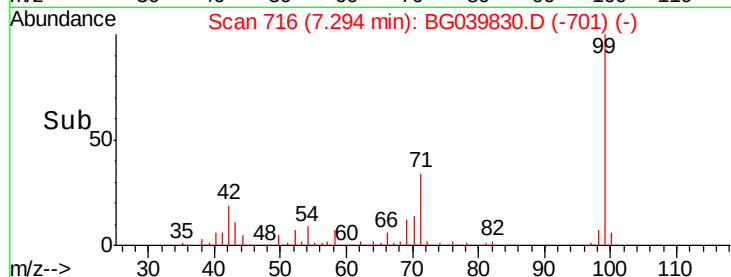
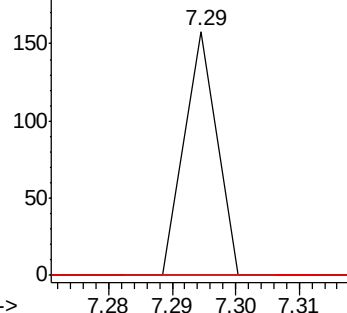
77 100

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): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 0.301 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

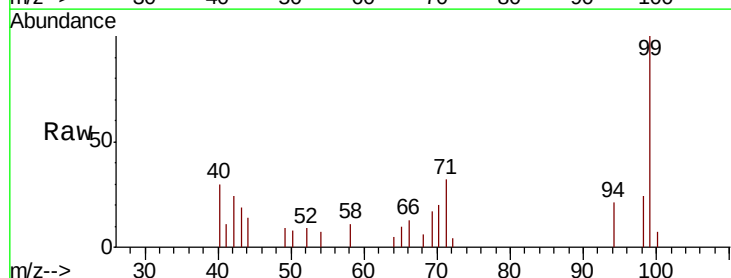
Tgt Ion: 94 Resp: 1113

Ion Ratio Lower Upper

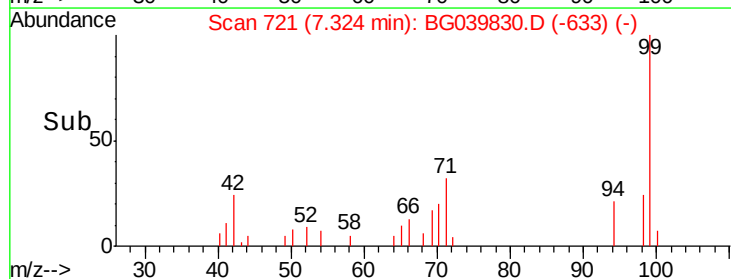
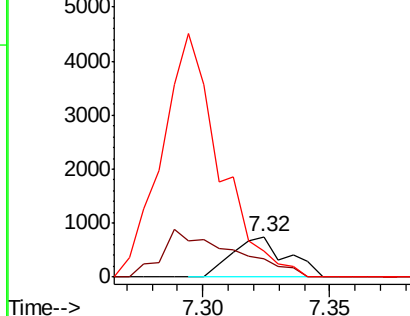
94 100

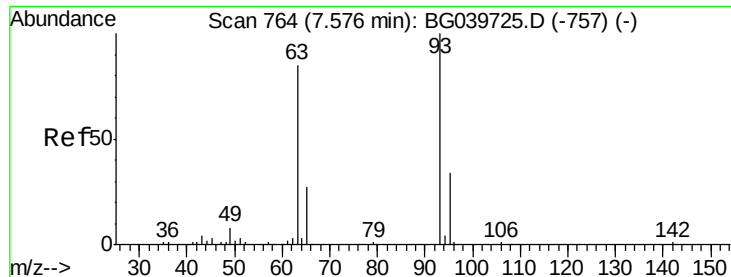
65 46.6 11.7 51.7

66 64.5 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

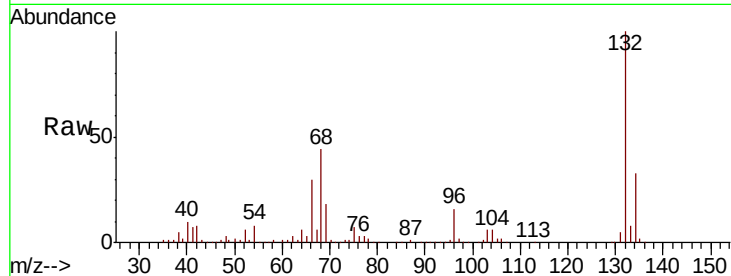




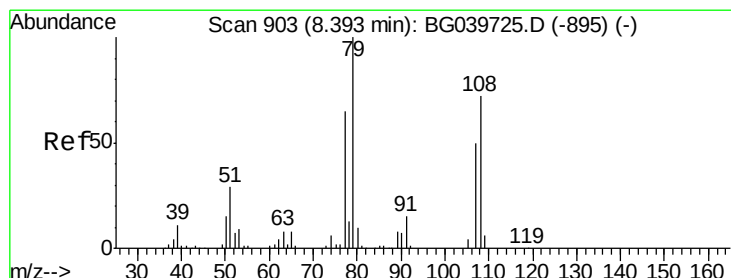
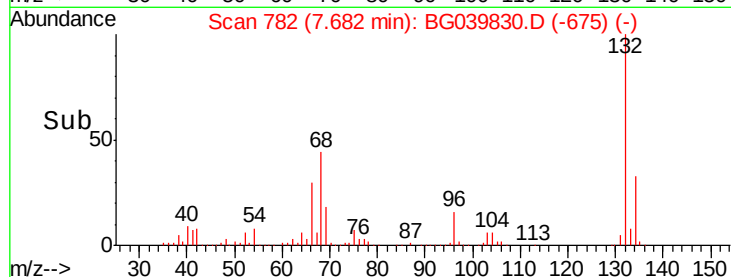
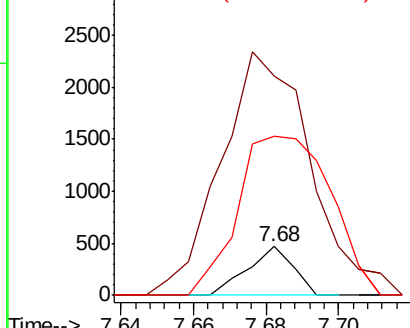
#11
bis(2-Chloroethyl)ether
Concen: 0.141 ng
RT: 7.68 min Scan# 782
Delta R.T. 0.10 min
Lab File: BG039830.D
Acq: 8 Mar 2019 20:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 406
Ion Ratio Lower Upper
93 100
63 451.7 69.5 109.5#
95 328.1 12.7 52.7#

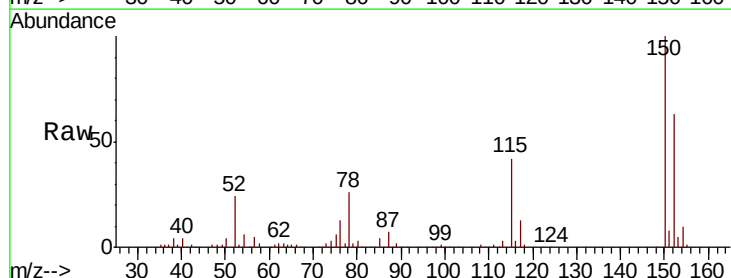


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

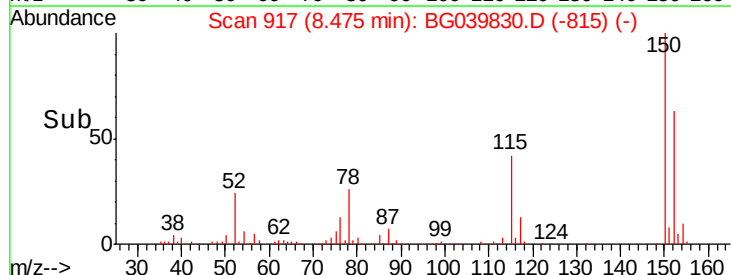
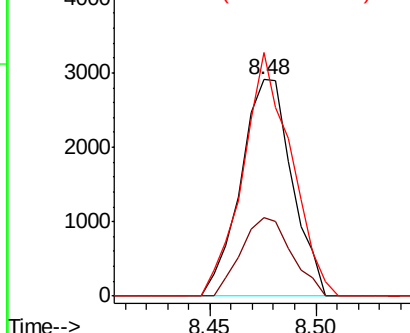


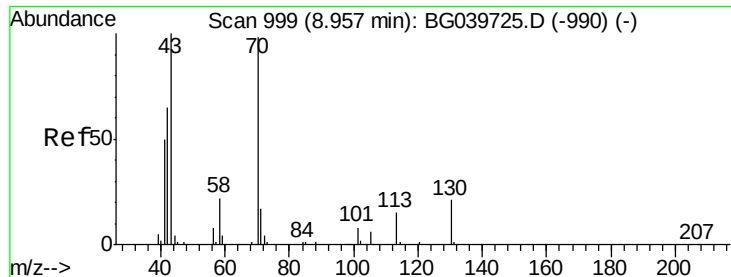
#15
Benzyl Alcohol
Concen: 1.813 ng
RT: 8.48 min Scan# 917
Delta R.T. 0.07 min
Lab File: BG039830.D
Acq: 8 Mar 2019 20:52

Tgt Ion: 79 Resp: 4915
Ion Ratio Lower Upper
79 100
108 36.3 57.8 86.6#
77 112.6 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

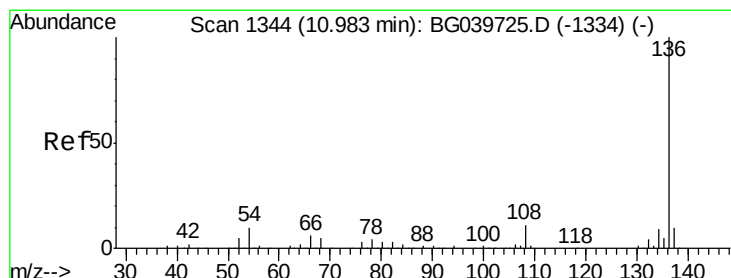
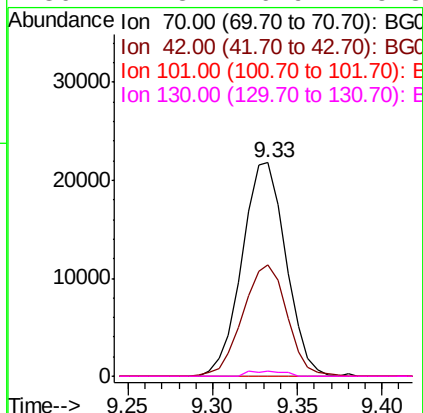
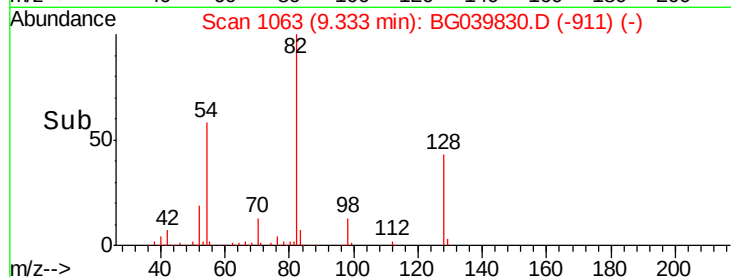
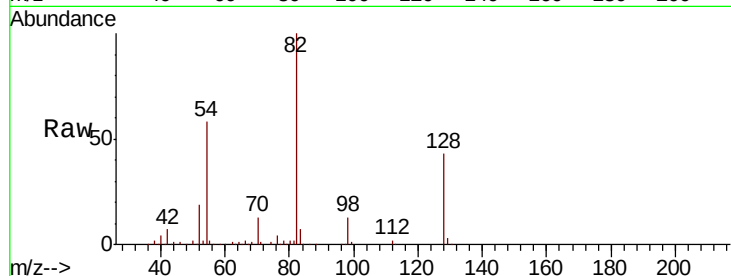




#19
n-Nitroso-di-n-propylamine
Concen: 16.039 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.36 min
Lab File: BG039830.D
Acq: 8 Mar 2019 20:52

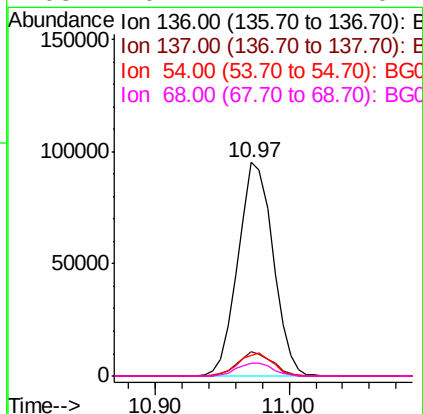
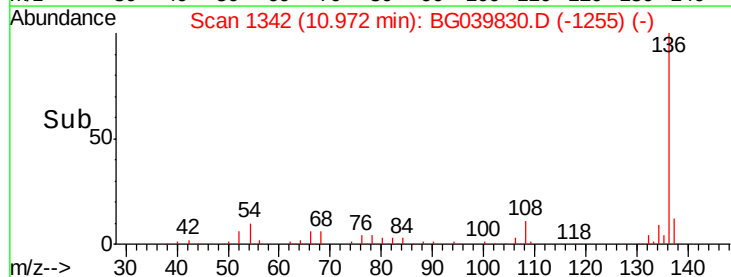
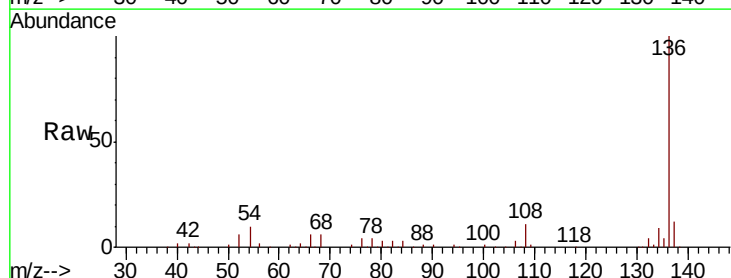
Instrument :
BNA_G
ClientSampleId :

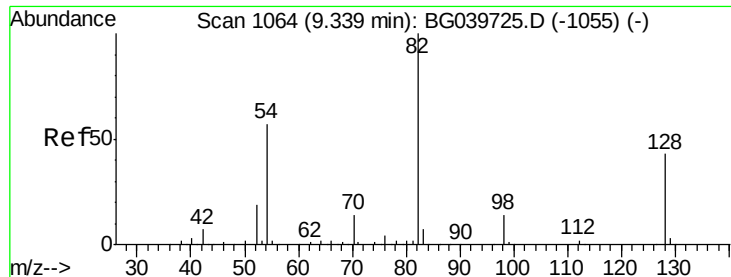
Tot Ion: 70 Resp: 39463
Ion Ratio Lower Upper
70 100
42 52.0 60.4 90.6#
101 0.0 7.5 11.3#
130 2.3 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039830.D
Acq: 8 Mar 2019 20:52

Tgt Ion: 136 Resp: 173449
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 9.7 9.4 14.2
68 6.1 4.2 6.4

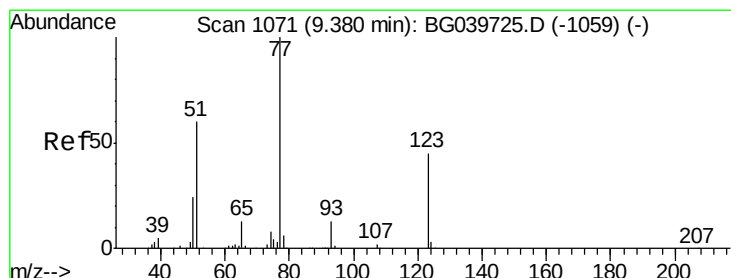
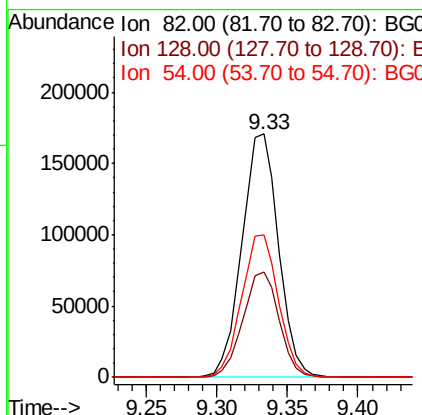
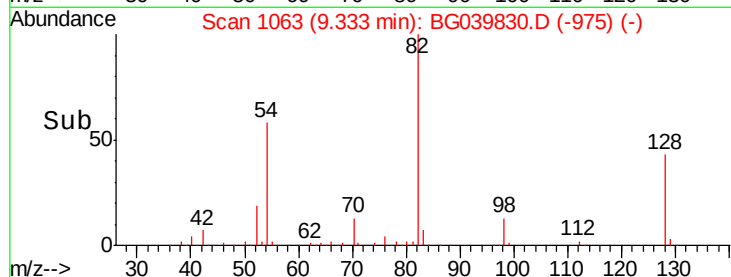
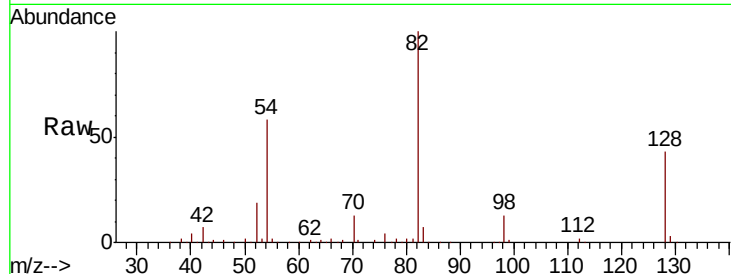




#23
Nitrobenzene-d5
Concen: 96.769 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039830.D
Acq: 8 Mar 2019 20:52

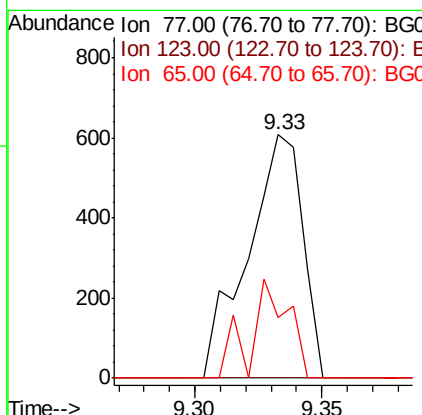
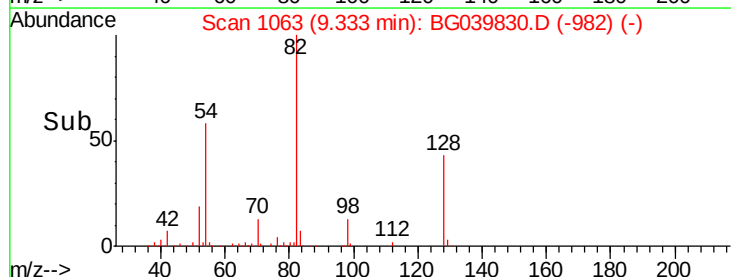
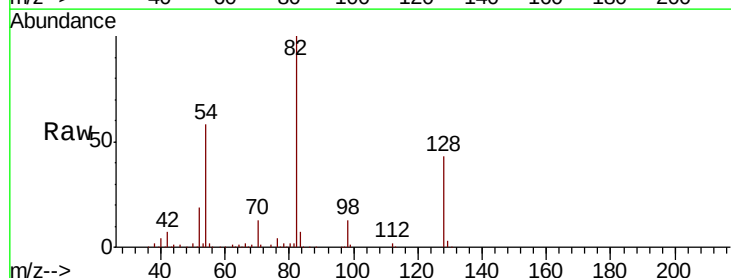
Instrument :
BNA_G
ClientSampleId :

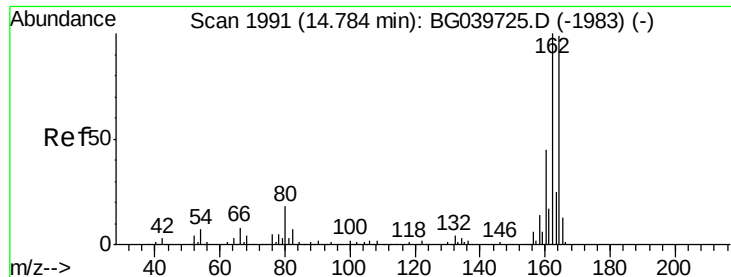
Tot Ion: 82 Resp: 310342
Ion Ratio Lower Upper
82 100
128 43.4 31.3 46.9
54 58.3 50.9 76.3



#24
Nitrobenzene
Concen: 0.276 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.05 min
Lab File: BG039830.D
Acq: 8 Mar 2019 20:52

Tgt Ion: 77 Resp: 927
Ion Ratio Lower Upper
77 100
123 0.0 34.1 51.1#
65 25.0 12.3 18.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

Instrument :

BNA_G

ClientSampleId :

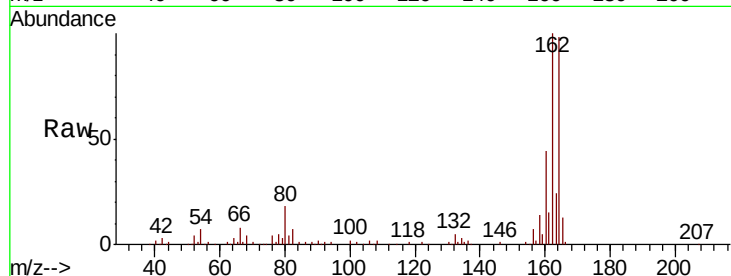
Tot Ion:164 Resp: 124749

Ion Ratio Lower Upper

164 100

162 102.3 81.6 122.4

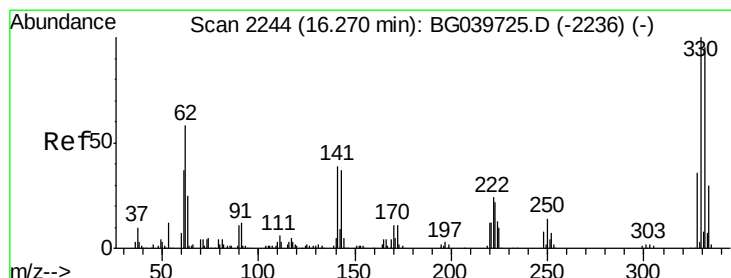
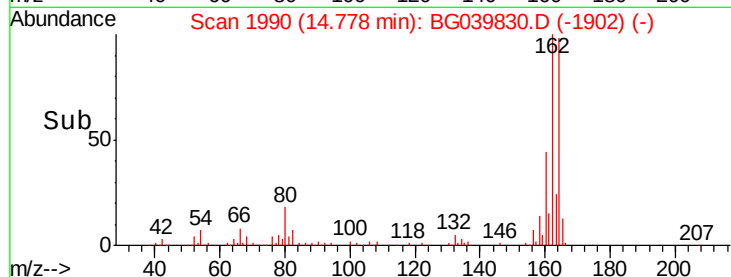
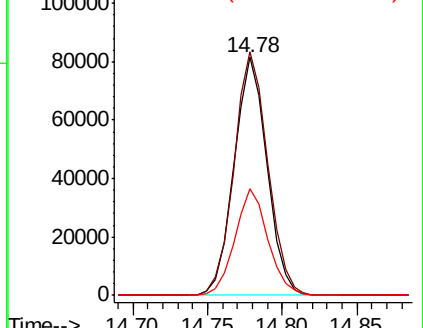
160 44.9 34.2 51.2



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: 139.915 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

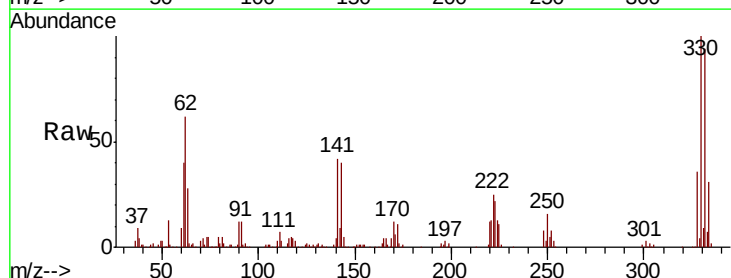
Tgt Ion:330 Resp: 203442

Ion Ratio Lower Upper

330 100

332 96.3 75.7 113.5

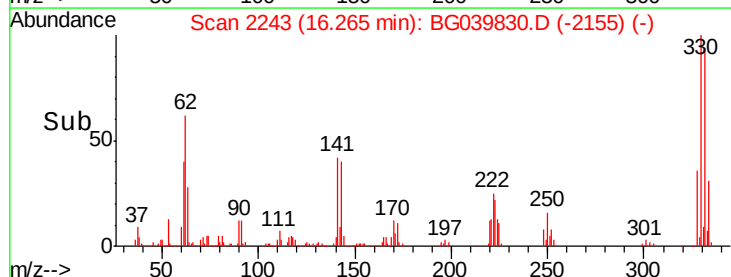
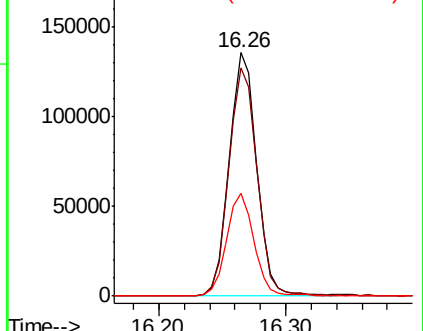
141 42.0 35.6 53.4

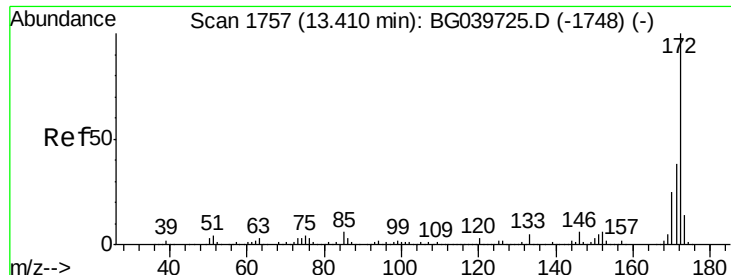


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 91.086 ng

RT: 13.40 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

Instrument :

BNA_G

ClientSampleId :

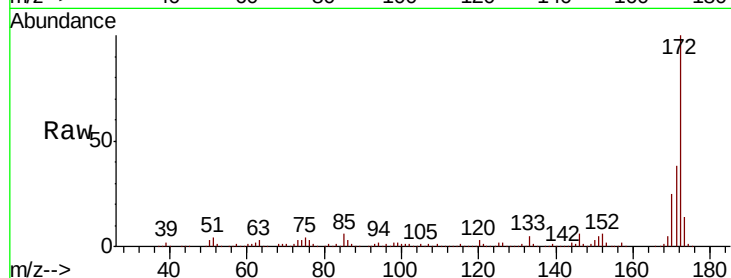
Tot Ion:172 Resp: 798051

Ion Ratio Lower Upper

172 100

171 37.7 30.8 46.2

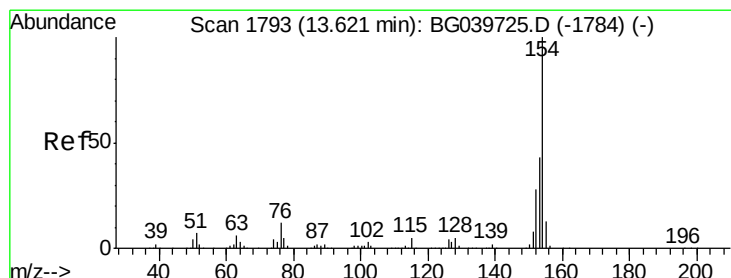
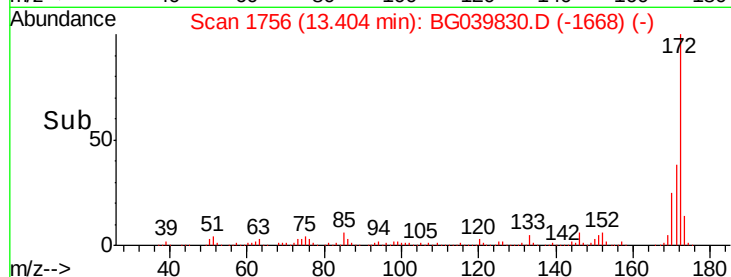
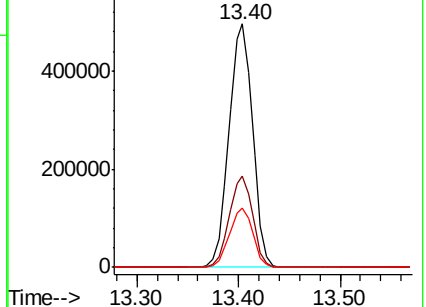
170 24.6 20.2 30.4



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: 0.112 ng

RT: 13.62 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

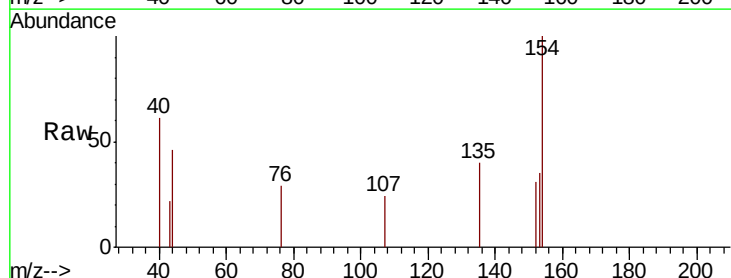
Tgt Ion:154 Resp: 1154

Ion Ratio Lower Upper

154 100

153 34.8 22.1 62.1

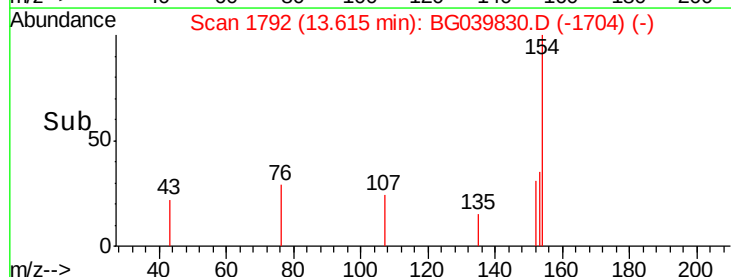
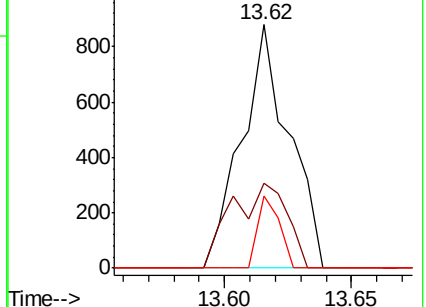
76 29.4 0.0 32.4

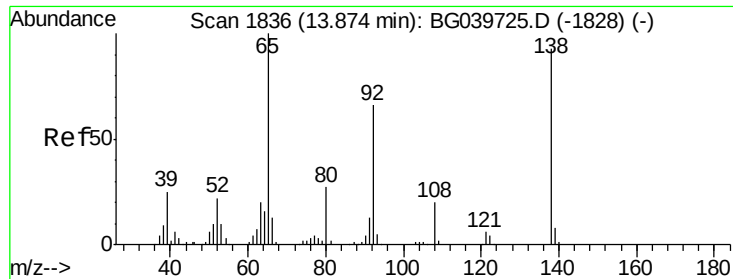


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

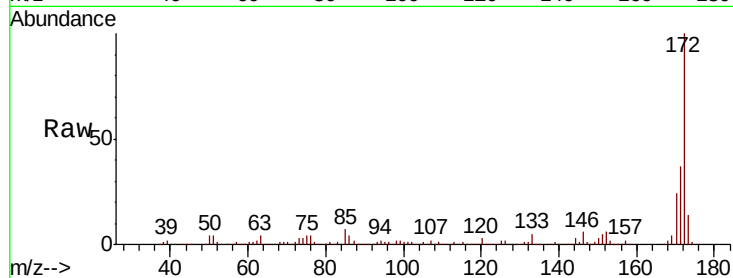




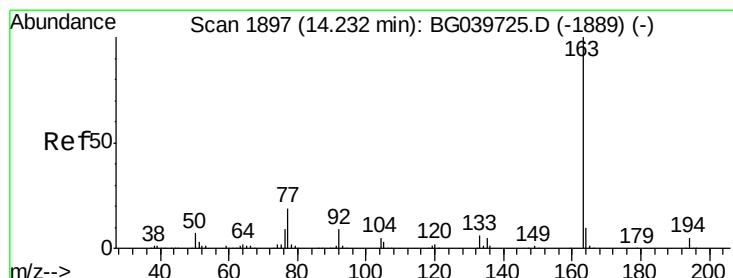
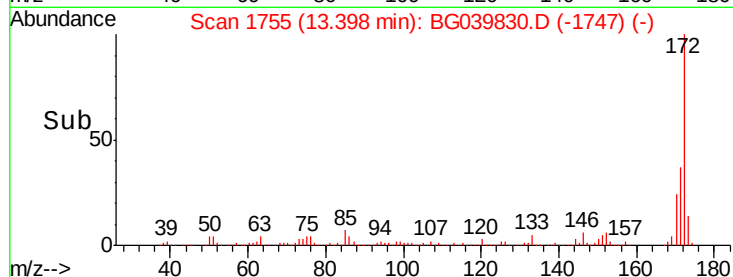
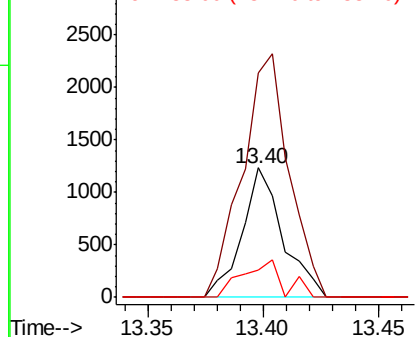
#48
2-Nitroaniline
Concen: 0.608 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.48 min
Lab File: BG039830.D
Acq: 8 Mar 2019 20:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 1509
Ion Ratio Lower Upper
65 100
92 173.4 51.4 77.2#
138 20.6 71.4 107.2#

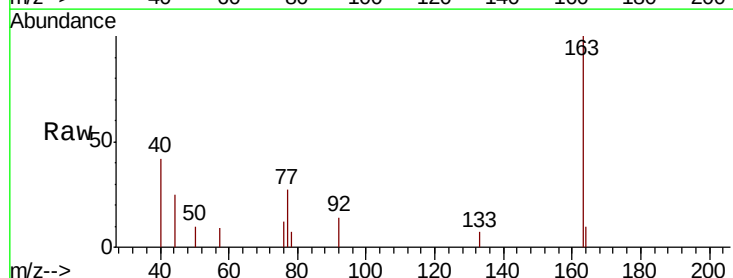


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

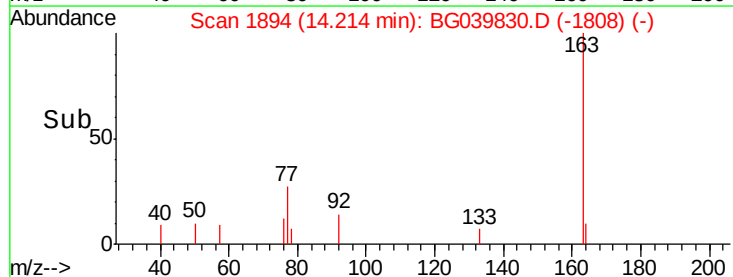
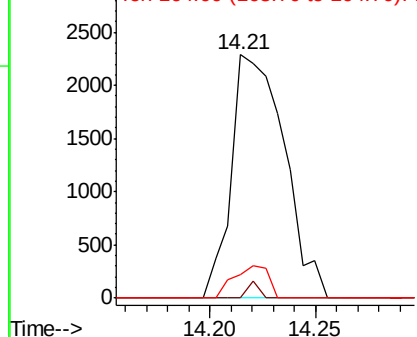


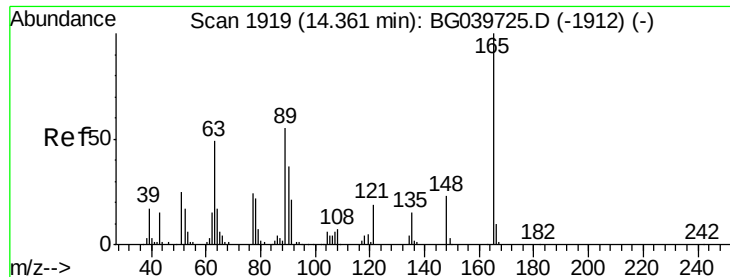
#50
Dimethylphthalate
Concen: 0.380 ng
RT: 14.21 min Scan# 1894
Delta R.T. -0.02 min
Lab File: BG039830.D
Acq: 8 Mar 2019 20:52

Tgt Ion:163 Resp: 3969
Ion Ratio Lower Upper
163 100
194 0.0 3.6 5.4#
164 9.9 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: 7.222 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.41 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

Instrument :

BNA_G

ClientSampled :

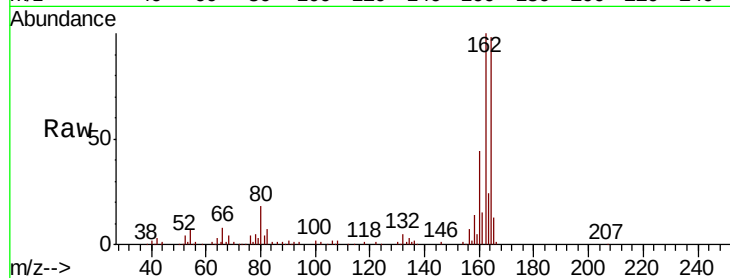
Tot Ion:165 Resp: 15970

Ion Ratio Lower Upper

165 100

63 2.5 47.0 70.6#

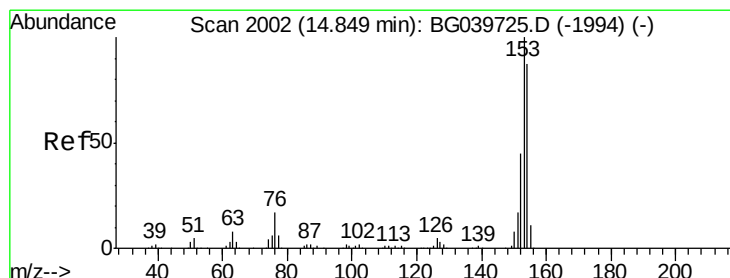
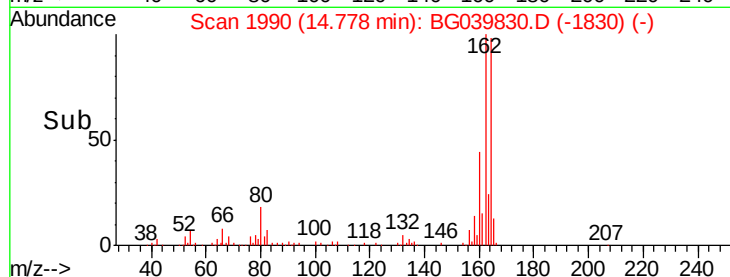
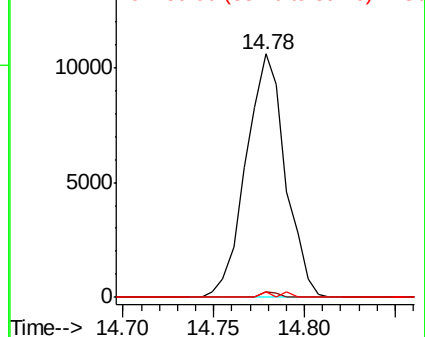
89 2.1 45.8 68.8#



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: 0.051 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.08 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

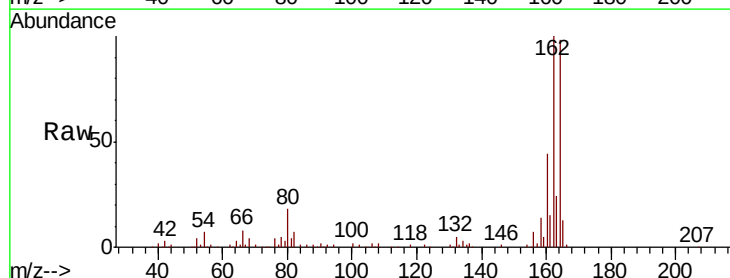
Tgt Ion:154 Resp: 387

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

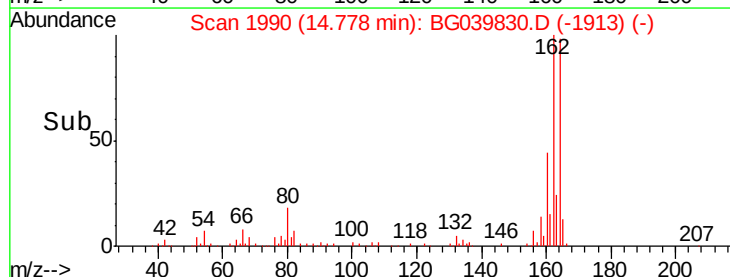
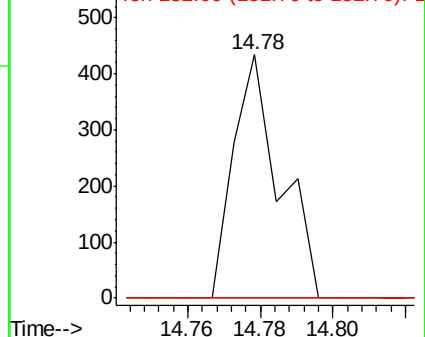
152 0.0 40.9 61.3#

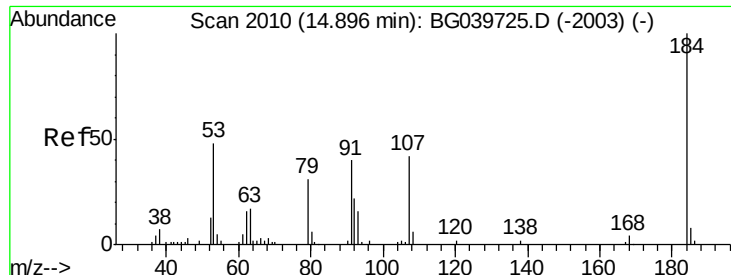


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

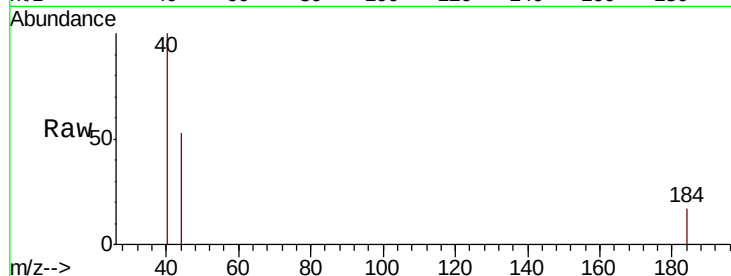




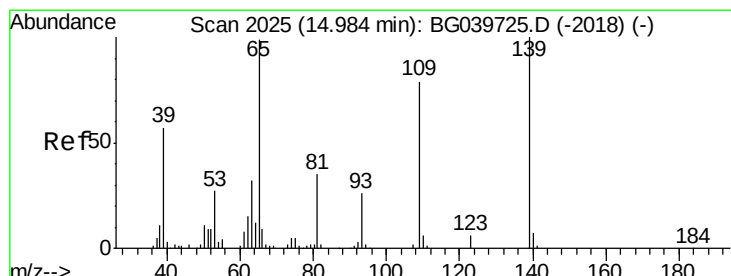
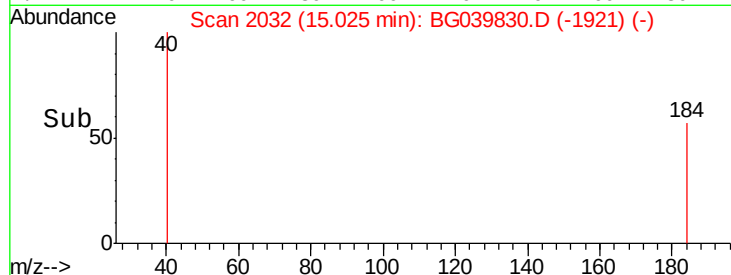
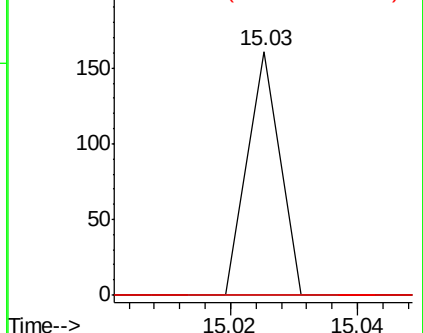
#54
 2,4-Dinitrophenol
 Concen: 5.294 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. 0.12 min
 Lab File: BG039830.D
 Acq: 8 Mar 2019 20:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 57
 Ion Ratio Lower Upper
 184 100
 63 0.0 50.9 76.3#
 154 0.0 53.0 79.6#

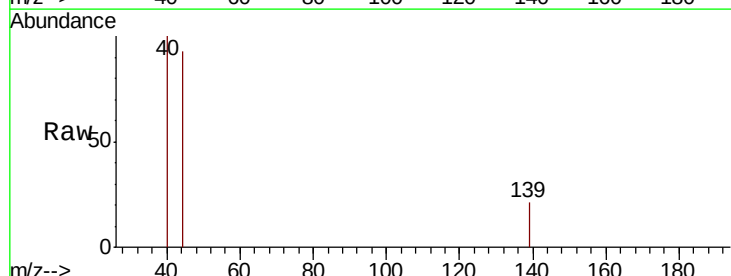


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

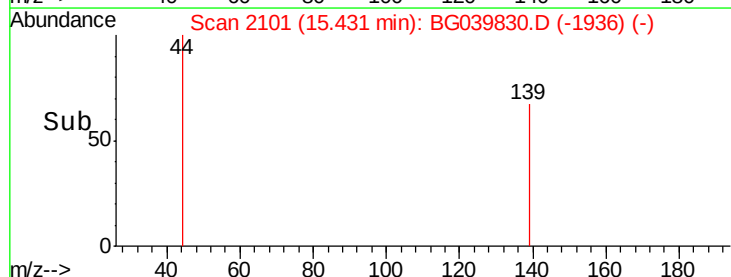
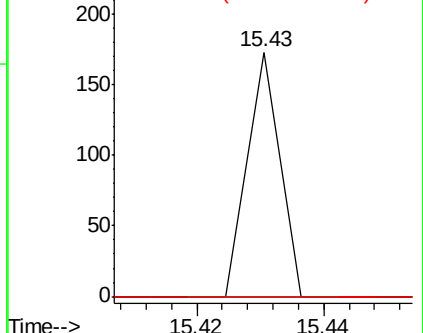


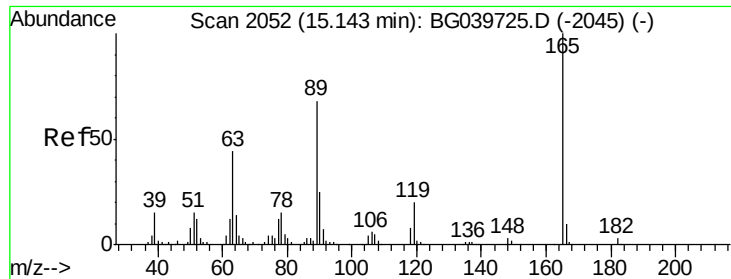
#56
 4-Nitrophenol
 Concen: 0.031 ng
 RT: 15.43 min Scan# 2101
 Delta R.T. 0.44 min
 Lab File: BG039830.D
 Acq: 8 Mar 2019 20:52

Tgt Ion:139 Resp: 61
 Ion Ratio Lower Upper
 139 100
 109 0.0 61.9 101.9#
 65 0.0 99.1 139.1#



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





#57

2,4-Dinitrotoluene

Concen: 5.140 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.37 min

Lab File: BG039830.D

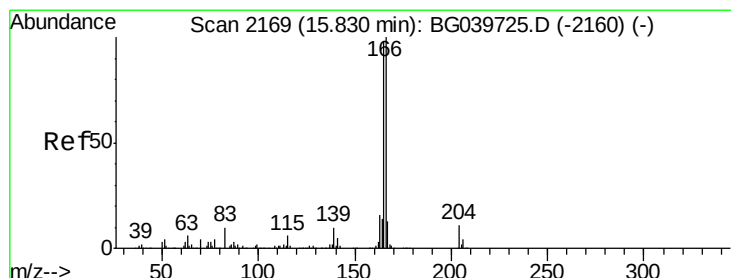
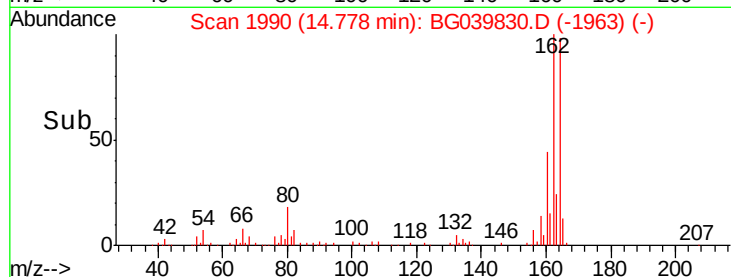
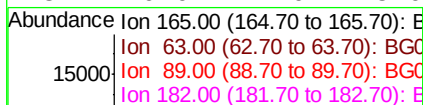
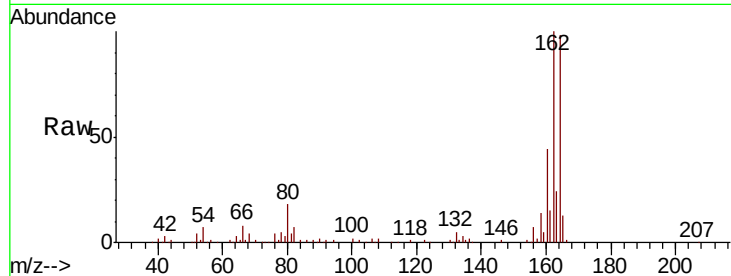
Acq: 8 Mar 2019 20:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165	Resp:	15970
Ion Ratio	Lower	Upper
165	100	
63	2.5	41.0 61.6#
89	2.1	64.6 96.8#
182	0.0	2.0 3.0#



#58

Fluorene

Concen: 0.871 ng

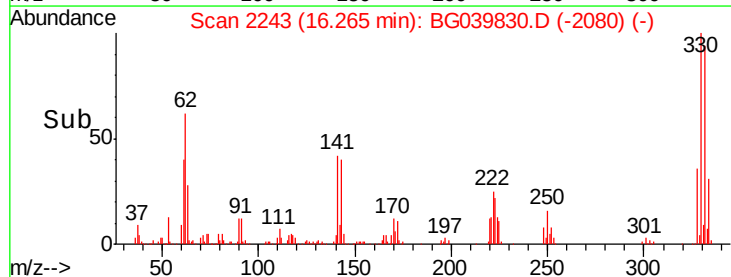
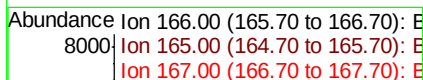
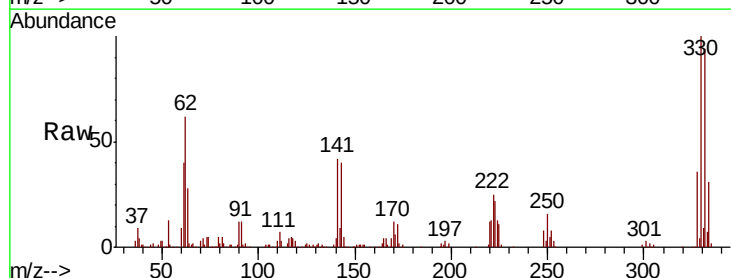
RT: 16.26 min Scan# 2243

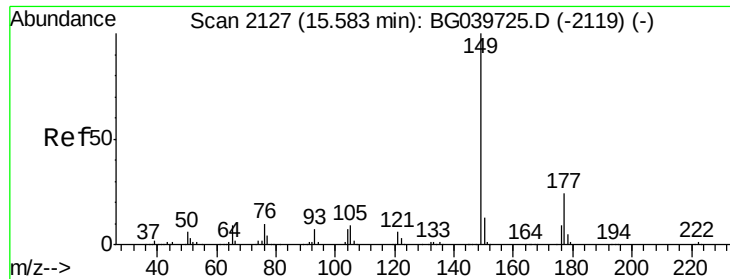
Delta R.T. 0.43 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

Tgt Ion:166	Resp:	8566
Ion Ratio	Lower	Upper
166	100	
165	92.6	77.9 116.9
167	31.2	10.8 16.2#





#60

Diethylphthalate

Concen: 0.005 ng

RT: 15.57 min Scan# 2125

Delta R.T. -0.02 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

Instrument :

BNA_G

ClientSampleId :

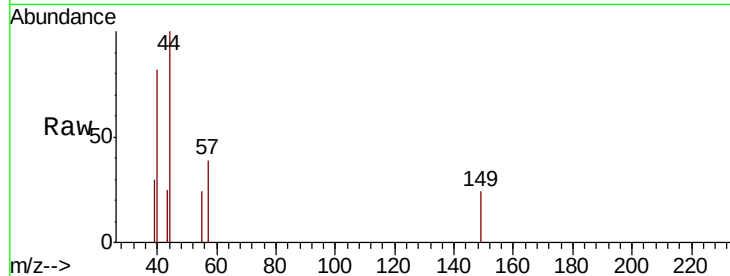
Tot Ion:149 Resp: 54

Ion Ratio Lower Upper

149 100

177 0.0 18.3 27.5#

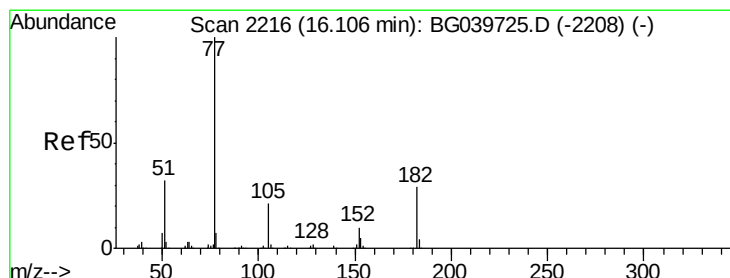
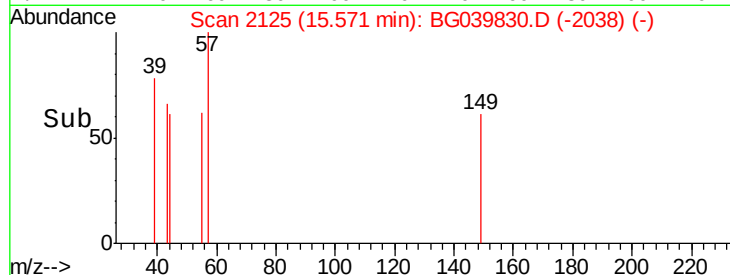
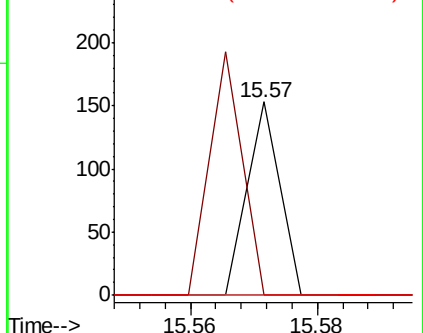
150 0.0 10.2 15.2#



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: 0.129 ng

RT: 16.26 min Scan# 2242

Delta R.T. 0.15 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

Tgt Ion: 77 Resp: 1209

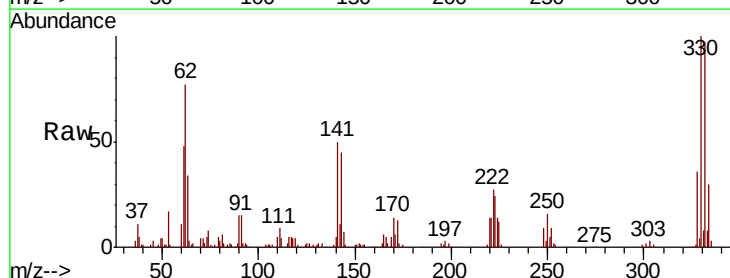
Ion Ratio Lower Upper

77 100

182 0.0 6.4 46.4#

105 65.0 0.0 39.8#

51 84.2 14.1 54.1#

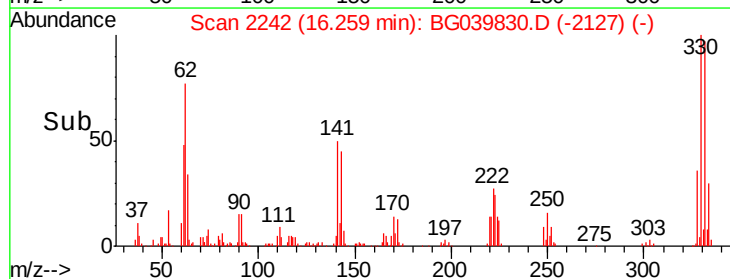
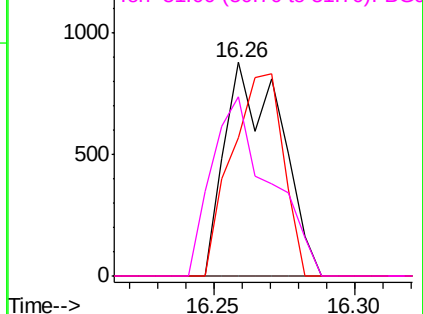


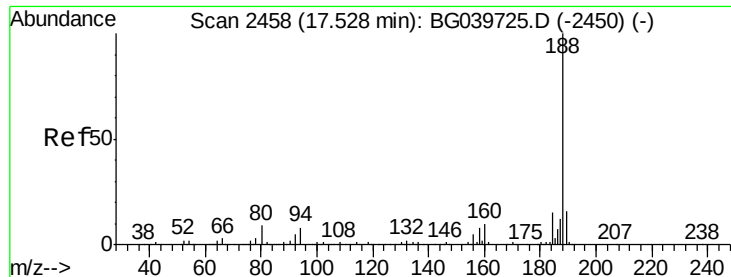
Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG039830.D

Acq: 8 Mar 2019 20:52

Instrument :

BNA_G

ClientSampleId :

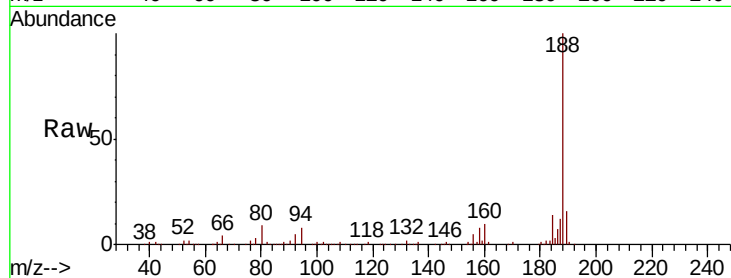
Tot Ion:188 Resp: 311975

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	8.9	8.1	12.1

188 100

94 7.6 6.9 10.3

80 8.9 8.1 12.1



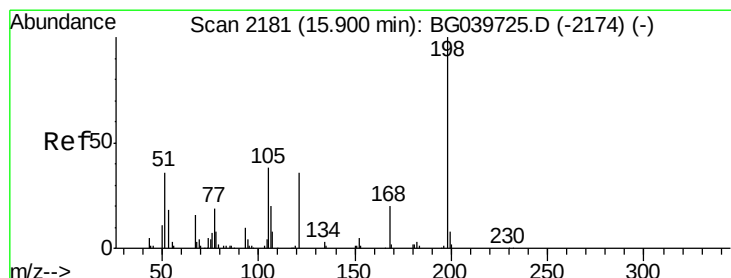
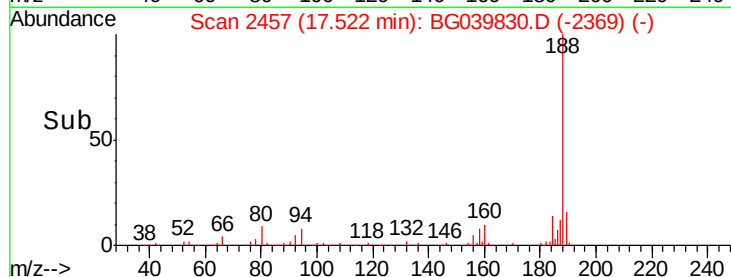
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

17.52

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 0.396 ng

RT: 16.26 min Scan# 2242

Delta R.T. 0.35 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

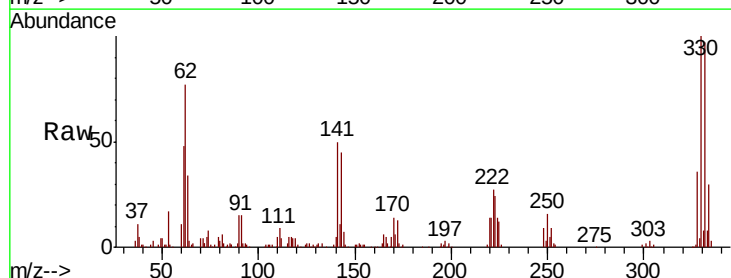
Tgt Ion:198 Resp: 730

Ion	Ratio	Lower	Upper
198	100		
51	167.3	27.4	67.4#
105	129.0	19.7	59.7#

198 100

51 167.3 27.4 67.4#

105 129.0 19.7 59.7#



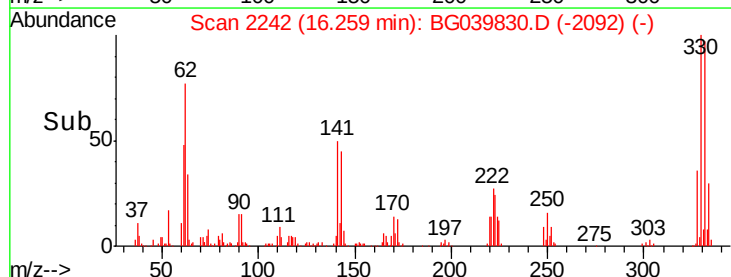
Abundance Ion 198.00 (197.70 to 198.70): E

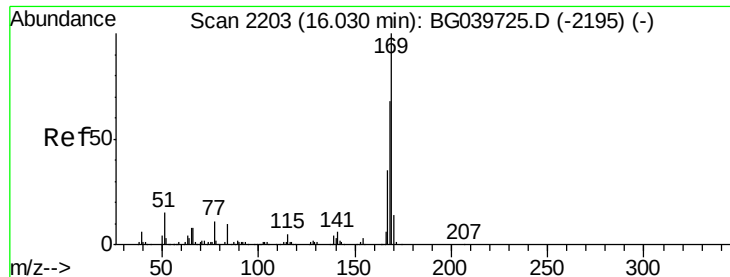
Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E

16.26

Time-->

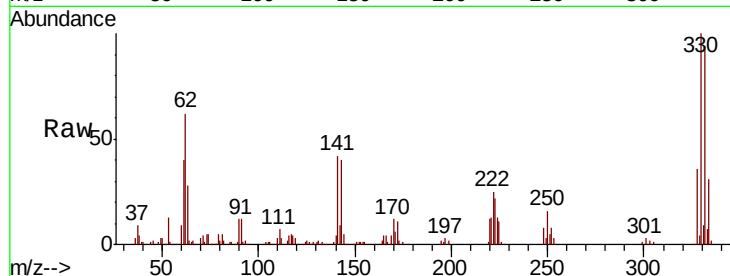




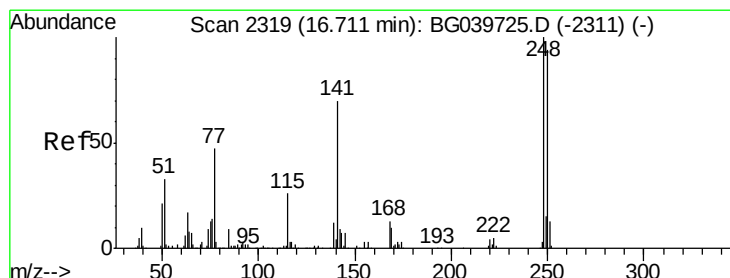
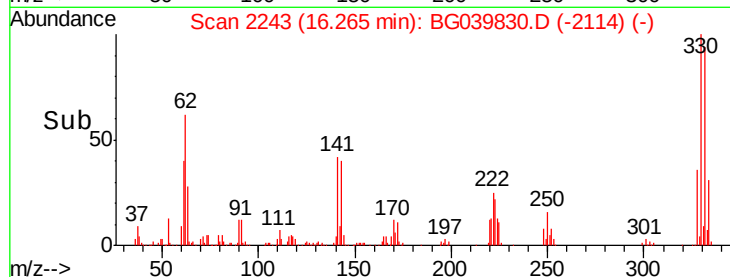
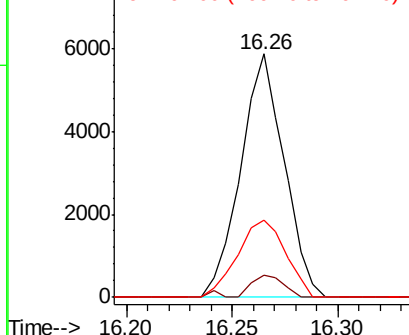
#66
 n-Nitrosodiphenylamine
 Concen: 0.924 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. 0.23 min
 Lab File: BG039830.D
 Acq: 8 Mar 2019 20:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 8348
 Ion Ratio Lower Upper
 169 100
 168 9.0 56.6 85.0#
 167 31.5 28.8 43.2

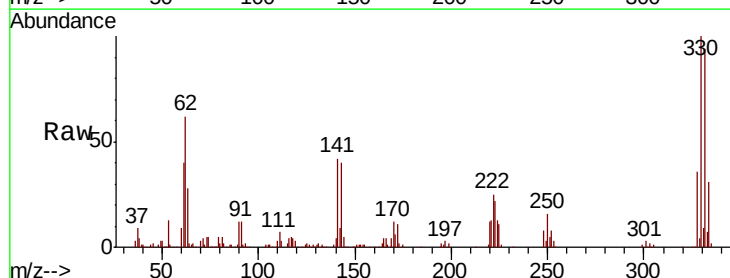


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

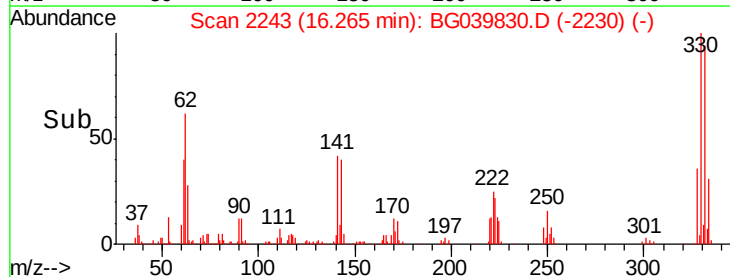
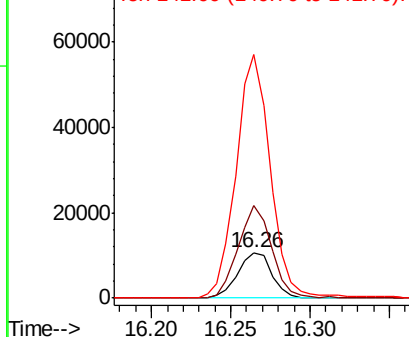


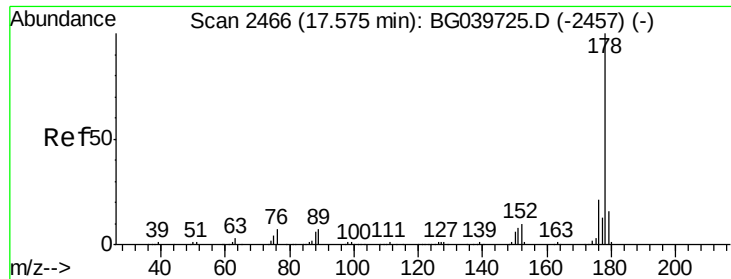
#67
 4-Bromophenyl-phenylether
 Concen: 4.586 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. -0.45 min
 Lab File: BG039830.D
 Acq: 8 Mar 2019 20:52

Tgt Ion:248 Resp: 16014
 Ion Ratio Lower Upper
 248 100
 250 203.9 77.6 116.4#
 141 532.9 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

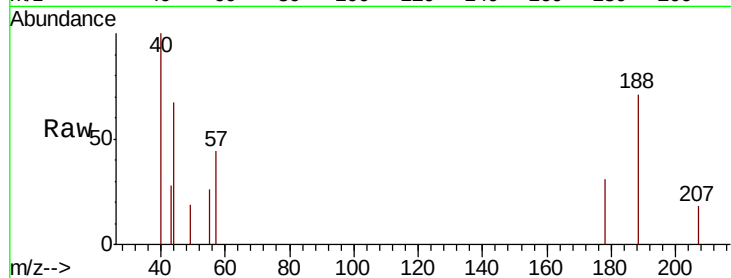




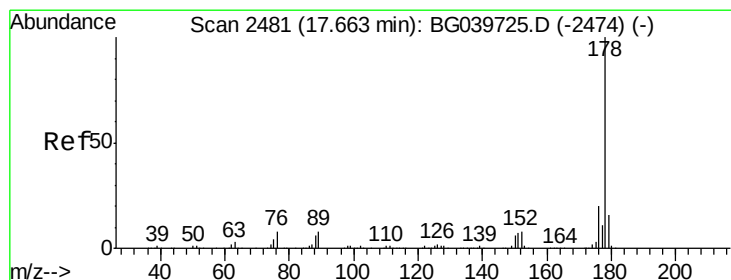
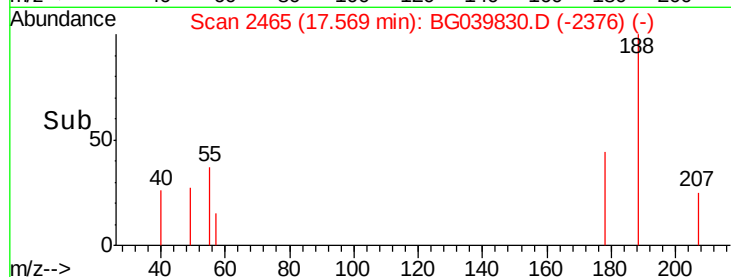
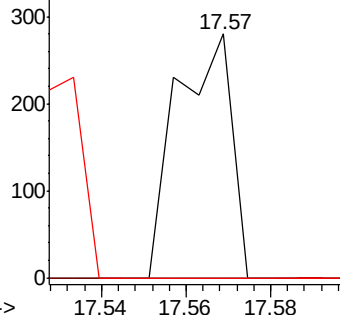
#71
 Phenanthrene
 Concen: 0.015 ng
 RT: 17.57 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BG039830.D
 Acq: 8 Mar 2019 20:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 254
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.2 24.4#
 179 0.0 12.6 19.0#

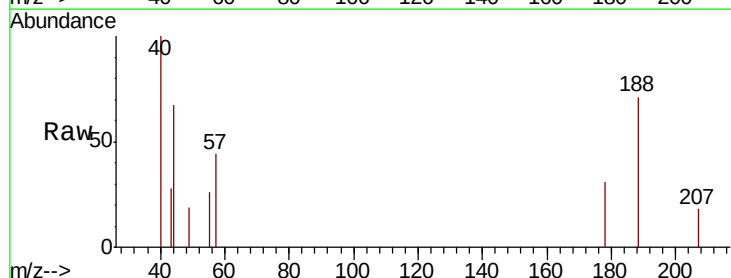


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

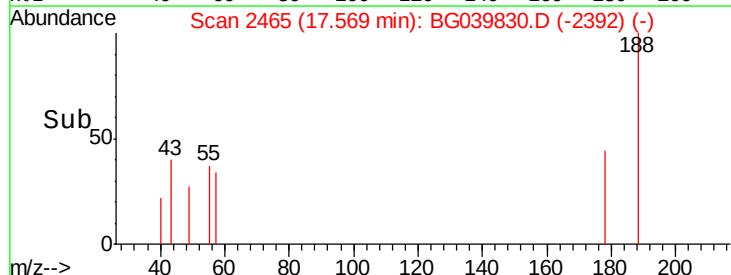
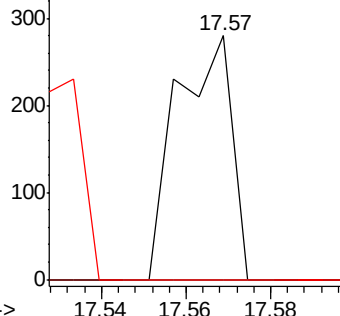


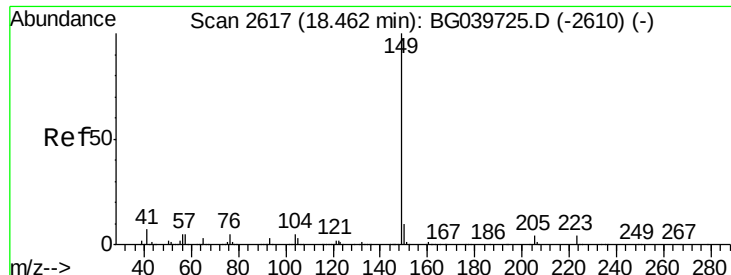
#72
 Anthracene
 Concen: 0.015 ng
 RT: 17.57 min Scan# 2465
 Delta R.T. -0.10 min
 Lab File: BG039830.D
 Acq: 8 Mar 2019 20:52

Tgt Ion:178 Resp: 254
 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





#74

Di-n-butylphthalate

Concen: 0.051 ng

RT: 18.45 min Scan# 2615

Delta R.T. -0.02 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

Instrument :

BNA_G

ClientSampleId :

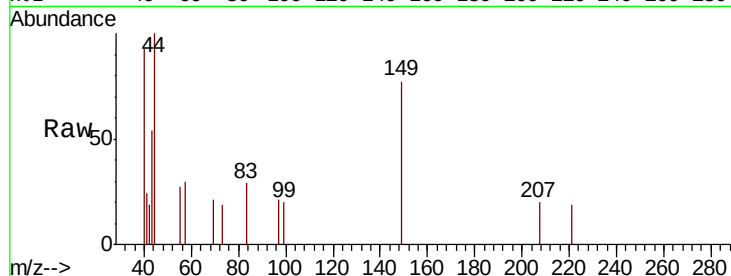
Tot Ion:149 Resp: 904

Ion Ratio Lower Upper

149 100

150 0.0 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

18.45

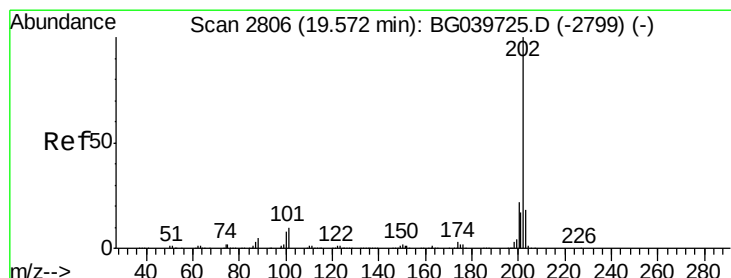
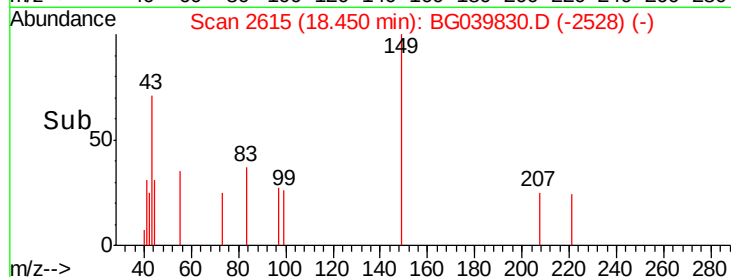
600

400

200

0

Time-->



#75

Fluoranthene

Concen: 0.018 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

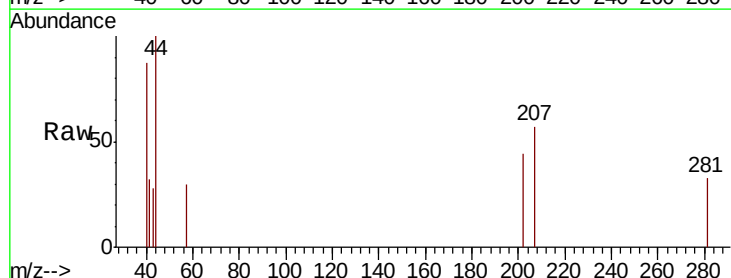
Tgt Ion:202 Resp: 356

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

19.57

400

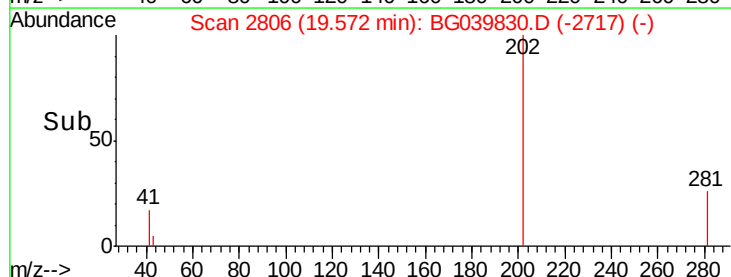
300

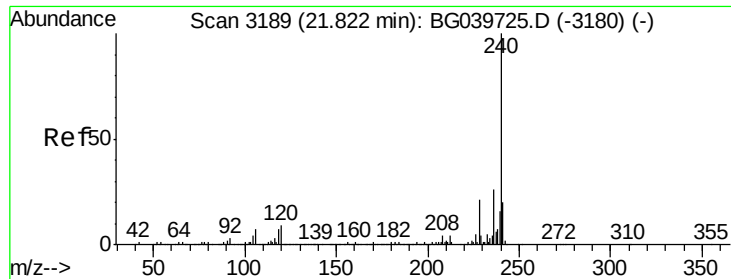
200

100

0

Time-->

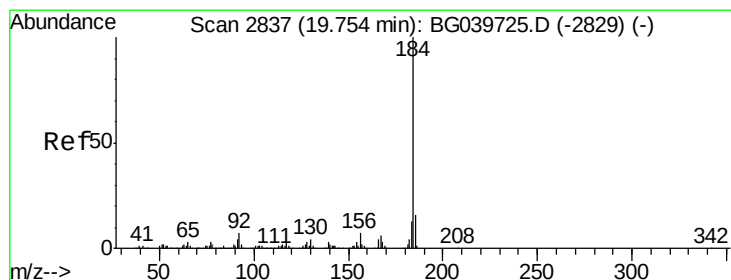
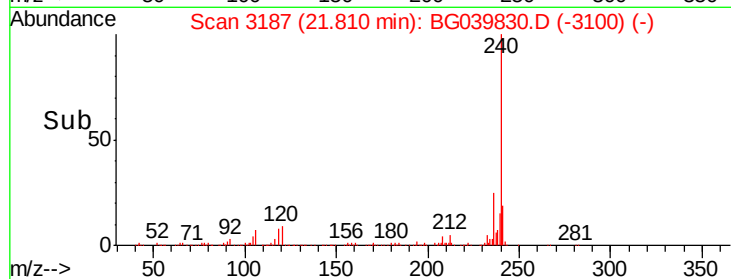
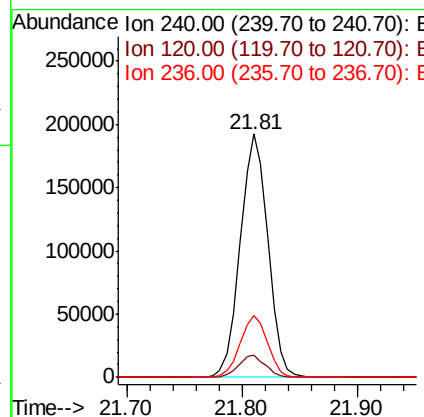
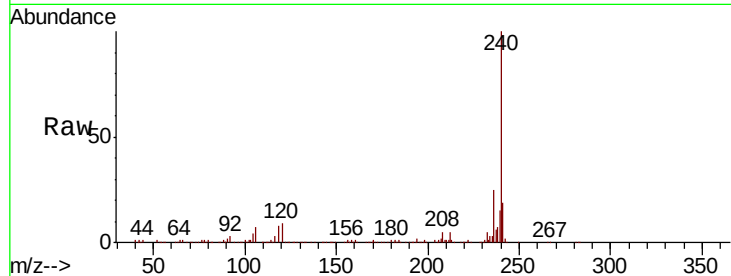




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039830.D
Acq: 8 Mar 2019 20:52

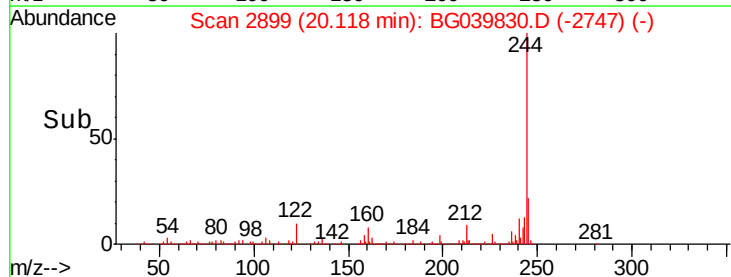
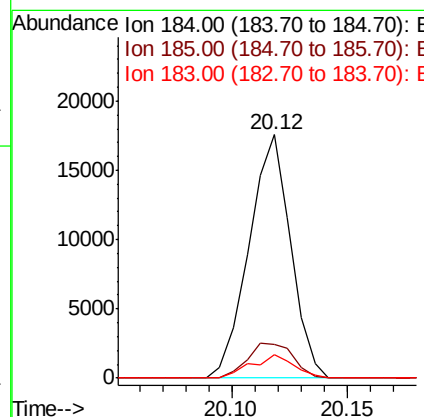
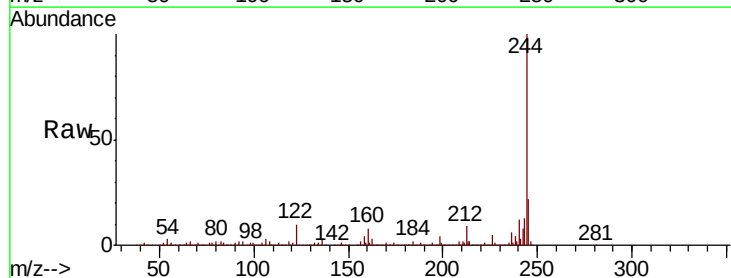
Instrument :
BNA_G
ClientSampled :

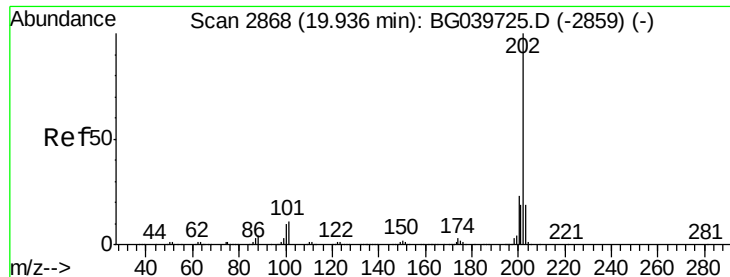
Tot Ion:240 Resp: 317764
Ion Ratio Lower Upper
240 100
120 8.9 7.0 10.6
236 25.4 21.0 31.4



#77
Benzidine
Concen: 2.185 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.36 min
Lab File: BG039830.D
Acq: 8 Mar 2019 20:52

Tgt Ion:184 Resp: 22035
Ion Ratio Lower Upper
184 100
185 14.1 12.2 18.2
183 9.4 10.6 15.8#

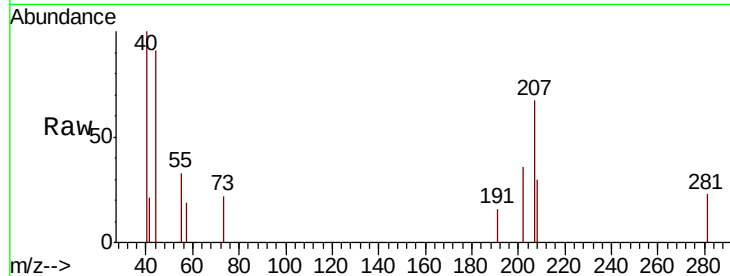




#78
Pvrene
Concen: 0.017 ng
RT: 19.94 min Scan# 2868
Delta R.T. -0.01 min
Lab File: BG039830.D
Acq: 8 Mar 2019 20:52

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.8	26.8#
203	0.0	15.3	22.9#

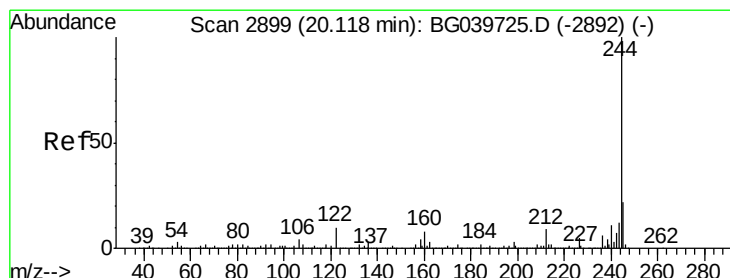
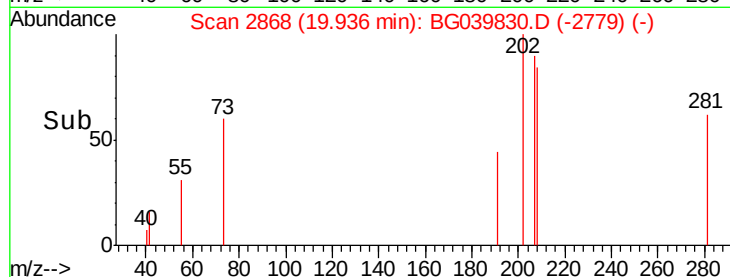
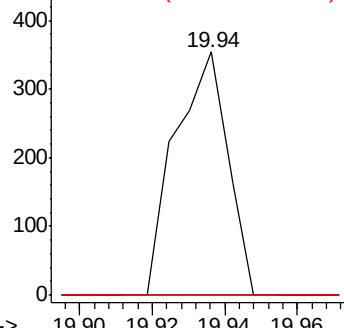


Abundance

Ion 202.00 (201.70 to 202.70): E

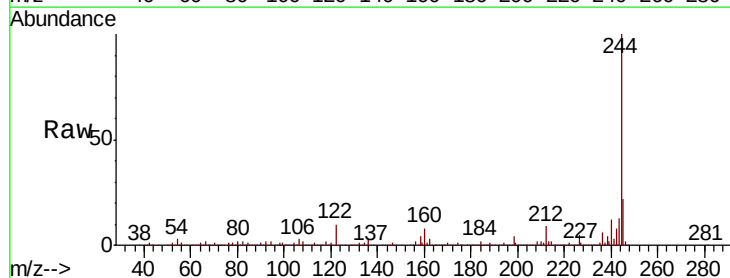
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 87.823 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.01 min
Lab File: BG039830.D
Acq: 8 Mar 2019 20:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.3	10.9
122	9.5	8.4	12.6

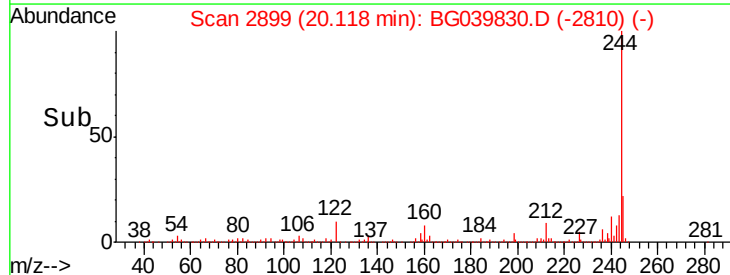
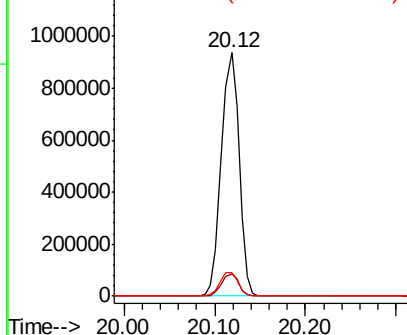


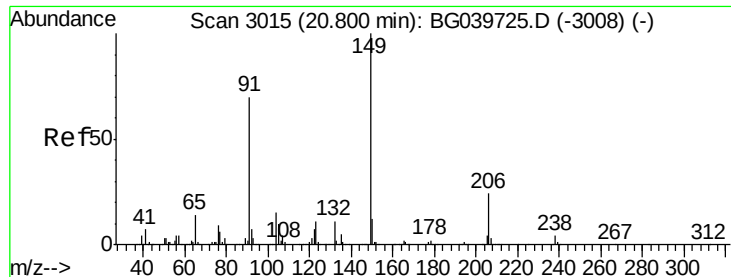
Abundance

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





#80

Butylbenzylphthalate

Concen: 0.007 ng

RT: 20.75 min Scan# 3006

Delta R.T. -0.06 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

Instrument :

BNA_G

ClientSampled :

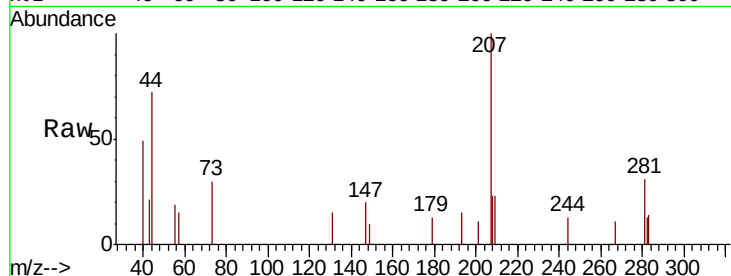
Tot Ion:149 Resp: 56

Ion Ratio Lower Upper

149 100

91 0.0 59.5 89.3#

206 0.0 18.6 27.8#



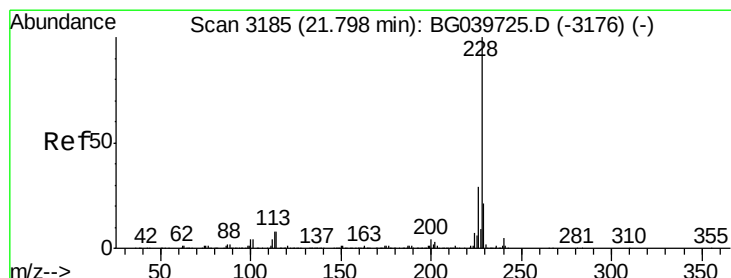
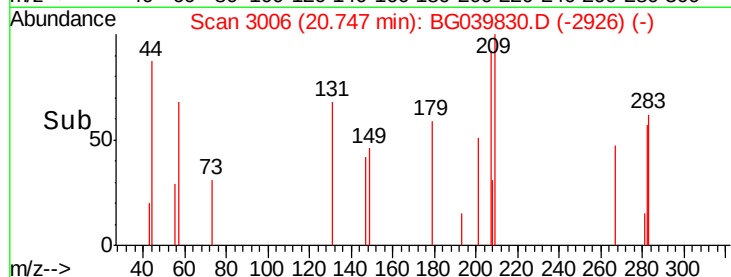
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

20.75

Time-->



#81

Benzo(a)anthracene

Concen: 0.054 ng

RT: 21.81 min Scan# 3187

Delta R.T. 0.01 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

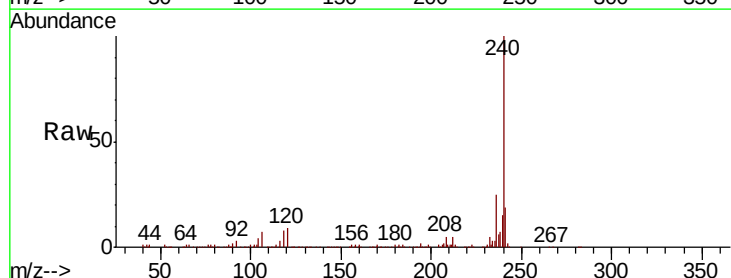
Tgt Ion:228 Resp: 1080

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

229 47.5 16.9 25.3#



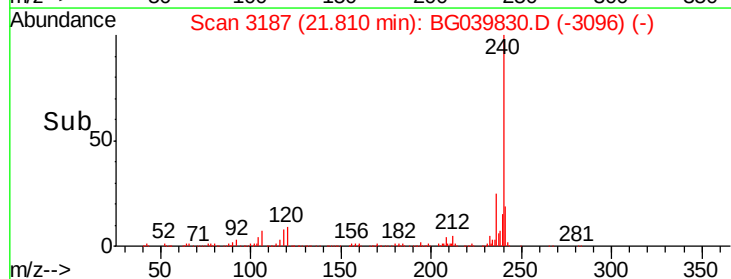
Abundance Ion 228.00 (227.70 to 228.70): E

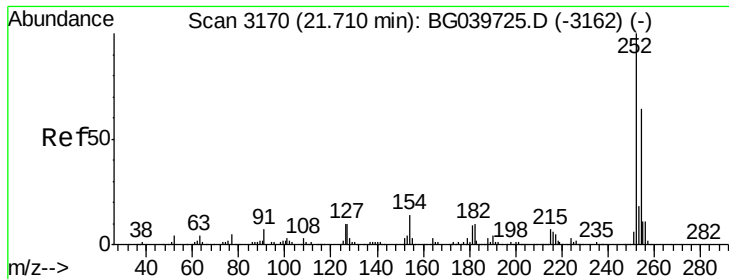
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.81

Time-->

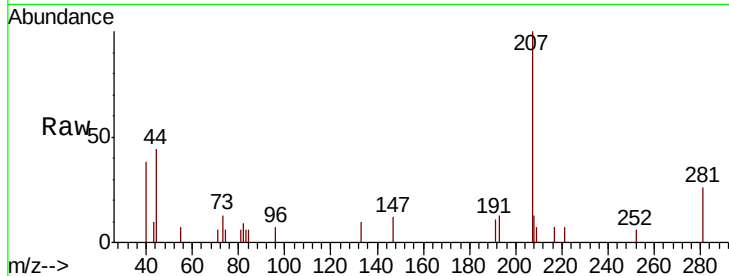




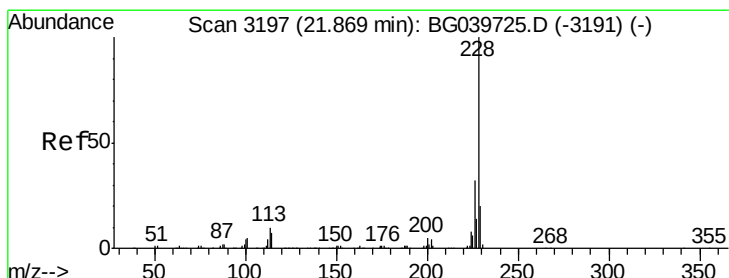
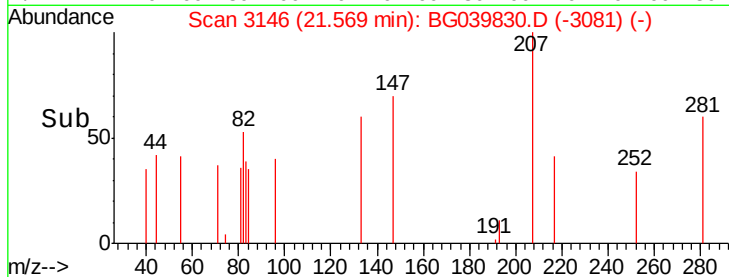
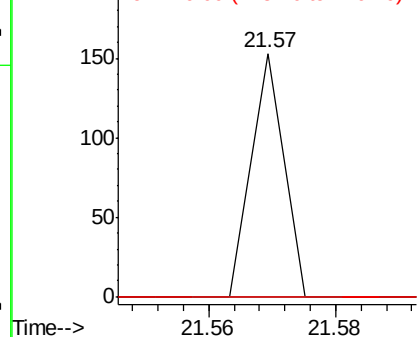
#82
 3,3'-Dichlorobenzidine
 Concen: 0.007 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.15 min
 Lab File: BG039830.D
 Acq: 8 Mar 2019 20:52

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:252 Resp: 54
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.3 76.9#
 126 0.0 8.0 12.0#

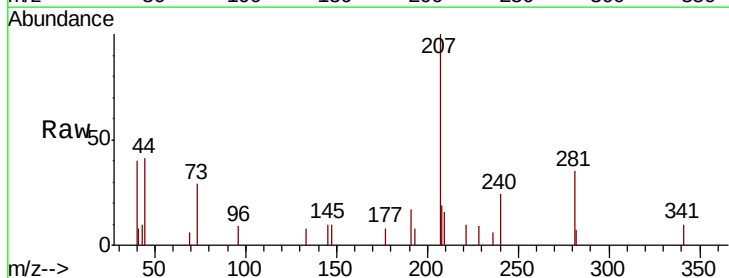


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

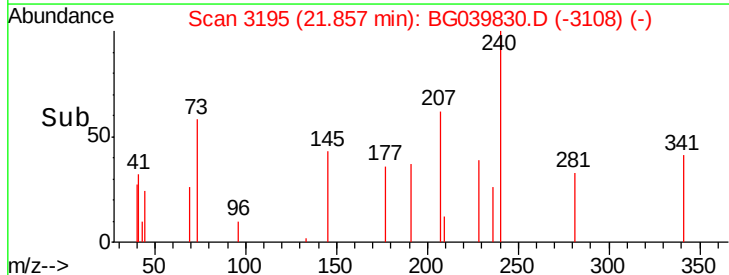
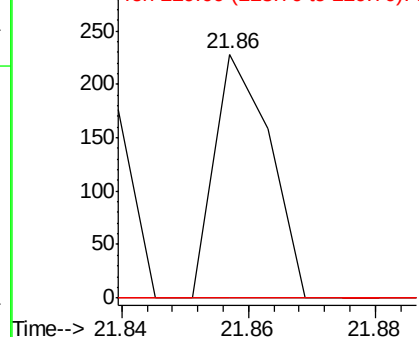


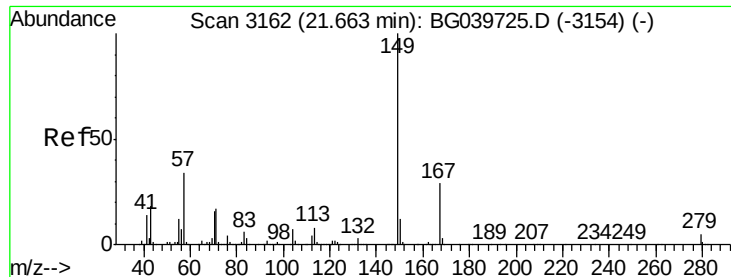
#83
 Chrysene
 Concen: 0.007 ng
 RT: 21.86 min Scan# 3195
 Delta R.T. -0.02 min
 Lab File: BG039830.D
 Acq: 8 Mar 2019 20:52

Tgt Ion:228 Resp: 136
 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

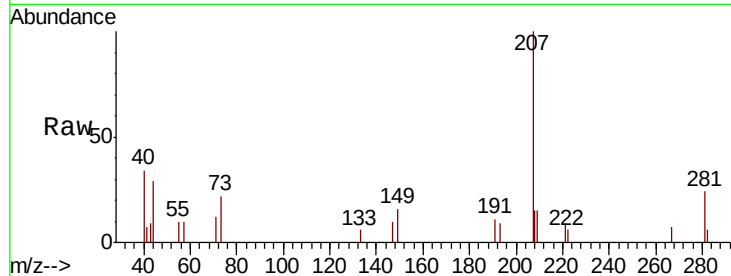




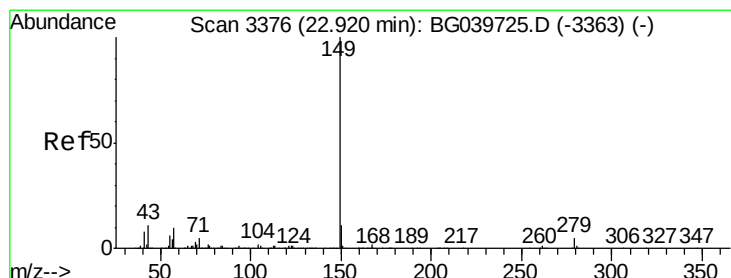
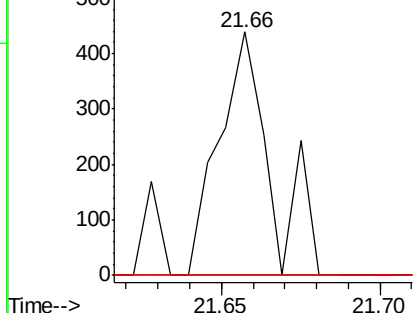
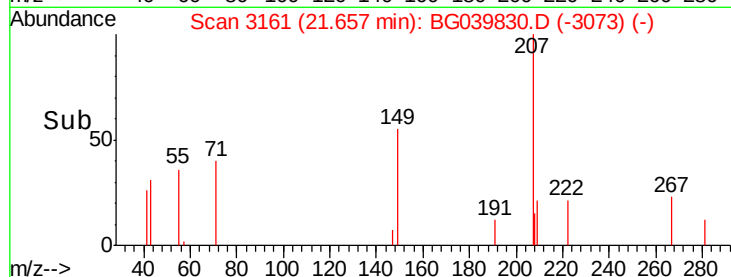
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.044 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.01 min
 Lab File: BG039830.D
 Acq: 8 Mar 2019 20:52

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:149 Resp: 496
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.6 34.0#
 279 0.0 3.5 5.3#

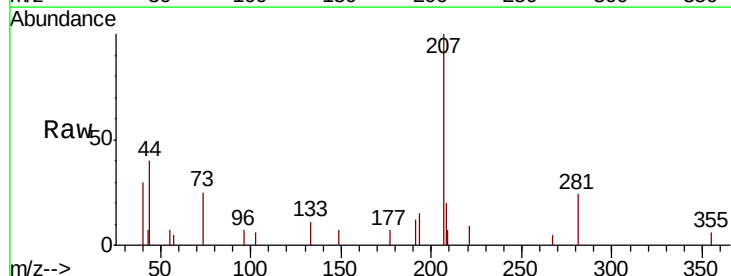


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

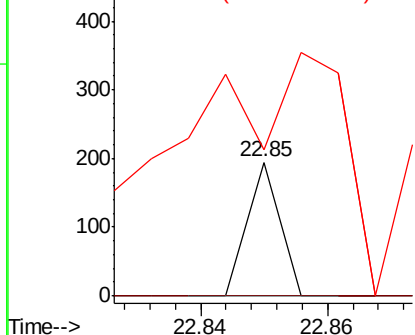
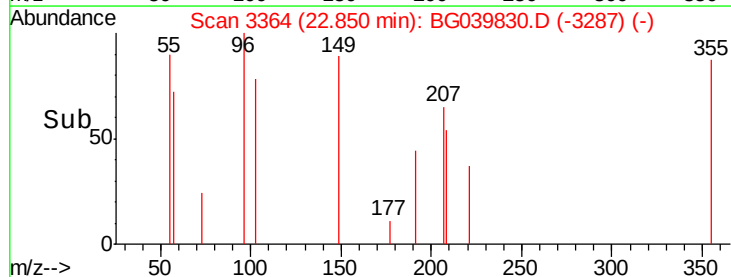


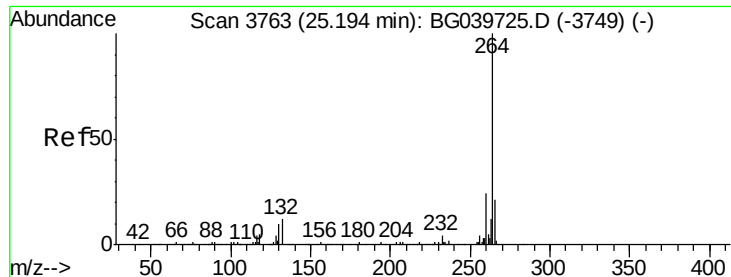
#85
 Di-n-octyl phthalate
 Concen: 0.004 ng
 RT: 22.85 min Scan# 3364
 Delta R.T. -0.08 min
 Lab File: BG039830.D
 Acq: 8 Mar 2019 20:52

Tgt Ion:149 Resp: 69
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 737.7 10.2 15.4#



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3760

Delta R.T. -0.02 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

Instrument :

BNA_G

ClientSampled :

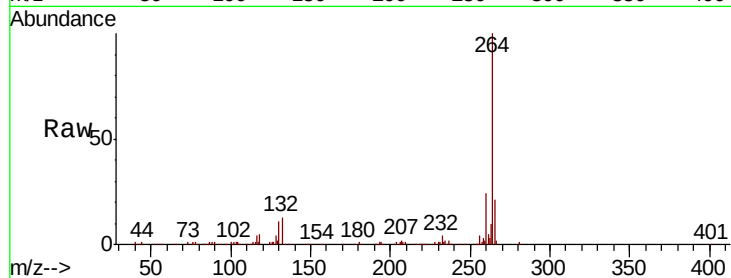
Tot Ion:264 Resp: 315995

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

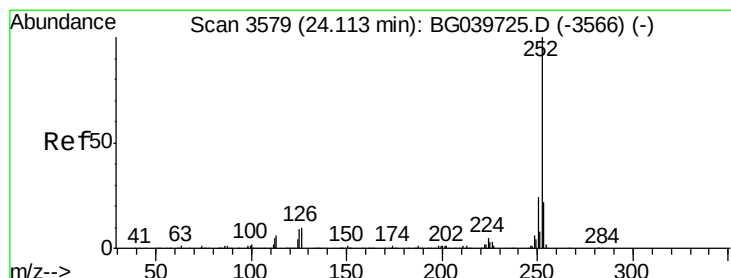
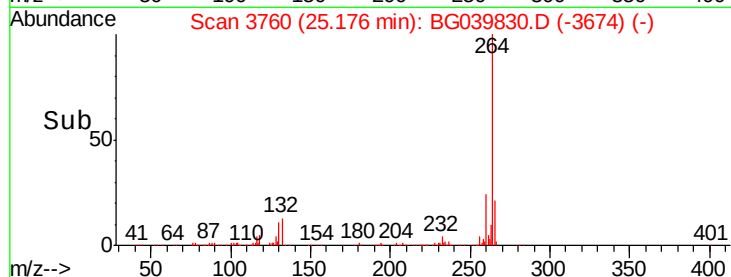
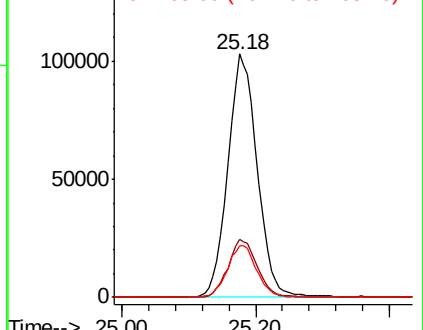
265 21.1 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 0.013 ng

RT: 24.12 min Scan# 3580

Delta R.T. -0.00 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

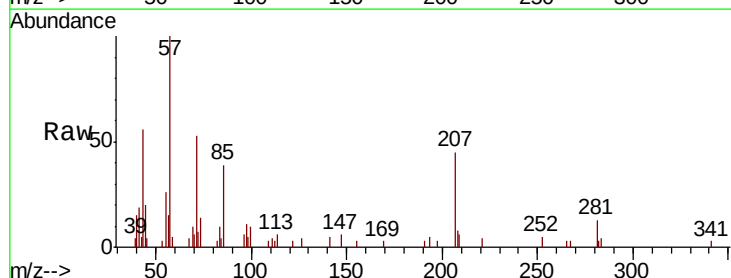
Tgt Ion:252 Resp: 252

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

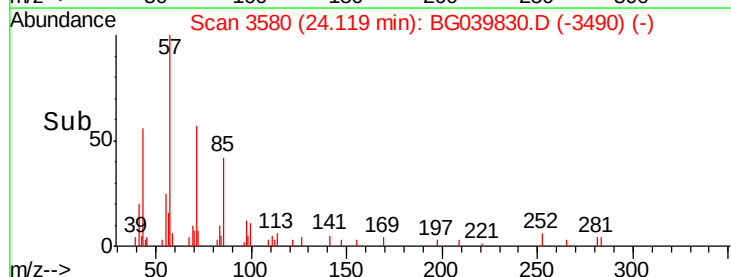
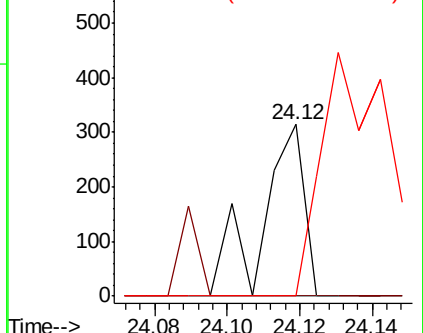
125 0.0 7.8 11.6#

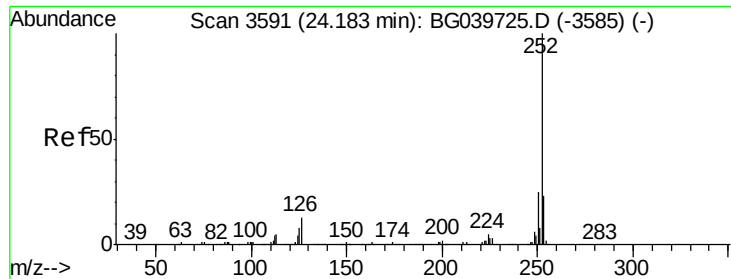


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 0.014 ng

RT: 24.12 min Scan# 3580

Delta R.T. -0.07 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

Instrument :

BNA_G

ClientSampleId :

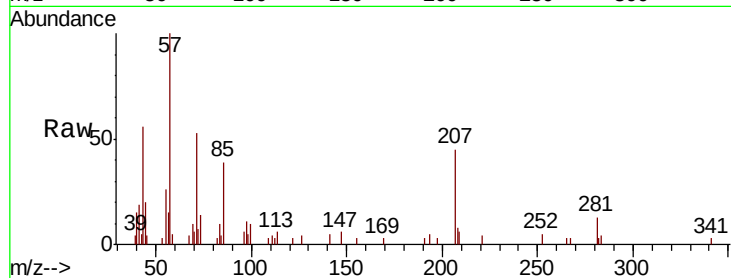
Tot Ion:252 Resp: 252

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.2#

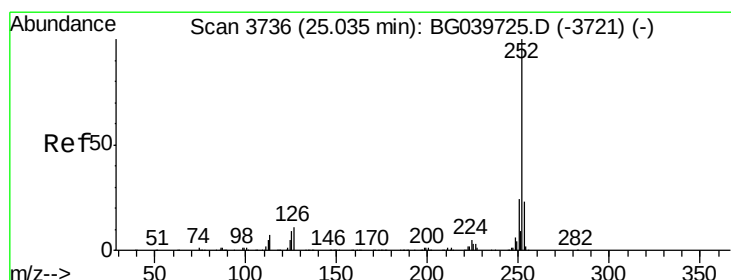
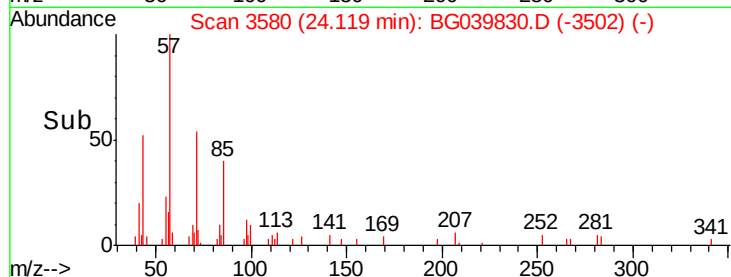
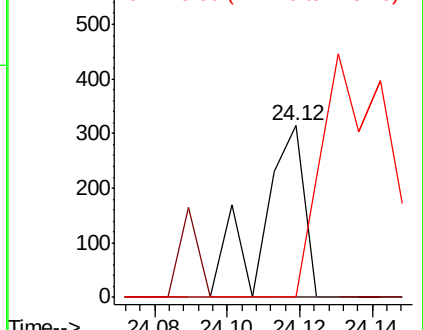
125 0.0 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 0.004 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.02 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

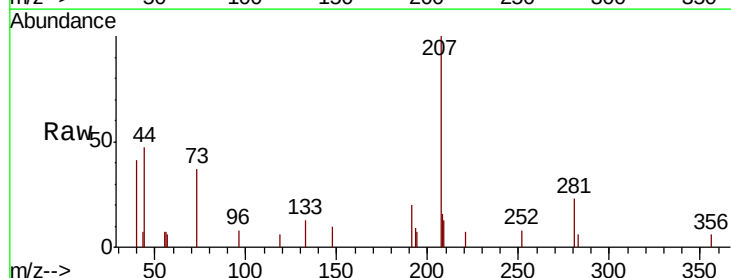
Tgt Ion:252 Resp: 75

Ion Ratio Lower Upper

252 100

253 0.0 17.9 26.9#

125 0.0 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

