

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030819\
 Data File : BG039828.D
 Acq On : 8 Mar 2019 19:34
 Operator : JU/SJ
 Sample : PB117735BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 08 23:13:33 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	40438	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	175959	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	127921	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	328281	20.00	ng	0.00
76) Chrysene-d12	21.81	240	347895	20.00	ng	-0.02
87) Perylene-d12	25.18	264	337076	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	232913	98.26	ng	0.00
7) Phenol-d6	7.30	99	341405	96.60	ng	-0.02
23) Nitrobenzene-d5	9.33	82	188858	58.05	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	127353	85.41	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	518163	57.67	ng	-0.02
79) Terphenyl-d14	20.11	244	890176	56.34	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.58	88	169	0.154	ng	# 1
3) Pyridine	3.51	79	55	0.019	ng	# 1
4) n-Nitrosodimethylamine	3.91	42	305	0.219	ng	# 1
6) Aniline	7.67	93	312	0.067	ng	# 1
9) Benzaldehyde	7.30	77	525	0.230	ng	# 4
10) Phenol	7.69	94	541	0.141	ng	# 1
11) bis(2-Chloroethyl)ether	7.67	93	312	0.105	ng	# 1
15) Benzyl Alcohol	8.48	79	3193	1.139	ng	# 49
16) 2,2'-oxybis(1-Chloropropan	8.59	45	67	0.011	ng	# 75
19) n-Nitroso-di-n-propylamine	9.33	70	24454	9.613	ng	# 64
24) Nitrobenzene	9.33	77	394	0.115	ng	# 30
26) 2-Nitrophenol	10.51	139	55	0.033	ng	# 31
37) 2-Methylnaphthalene	12.40	142	57	0.008	ng	# 13
38) 1-Methylnaphthalene	12.40	142	57	0.008	ng	# 7
46) 1,1'-Biphenyl	13.61	154	873	0.083	ng	# 41
48) 2-Nitroaniline	13.39	65	884	0.348	ng	# 39
51) 2,6-Dinitrotoluene	14.78	165	16148	7.121	ng	# 25
52) Acenaphthene	14.78	154	631	0.081	ng	# 5
57) 2,4-Dinitrotoluene	14.78	165	16148	5.068	ng	# 20
58) Fluorene	16.26	166	5443	0.540	ng	# 83
59) 2,3,4,6-Tetrachlorophenol	15.70	232	54	0.019	ng	# 39
62) 4-Nitroaniline	15.74	138	60	0.024	ng	# 10
63) Azobenzene	16.27	77	580	0.060	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.26	198	183	0.094	ng	# 1
66) n-Nitrosodiphenylamine	16.26	169	5338	0.562	ng	# 43
67) 4-Bromophenyl-phenylether	16.27	248	9801	2.667	ng	# 1
73) Carbazole	17.52	167	53	0.003	ng	# 57
77) Benzidine	20.11	184	13736	1.244	ng	# 93
78) Pyrene	20.11	202	3087	0.137	ng	# 67
80) Butylbenzylphthalate	20.56	149	69	0.008	ng	# 22
81) Benzo(a)anthracene	21.81	228	916	0.042	ng	# 57
83) Chrysene	21.81	228	916	0.043	ng	# 54
84) Bis(2-ethylhexyl)phthalate	21.66	149	56	0.005	ng	# 52
85) Di-n-octyl phthalate	22.90	149	53	0.003	ng	# 1

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

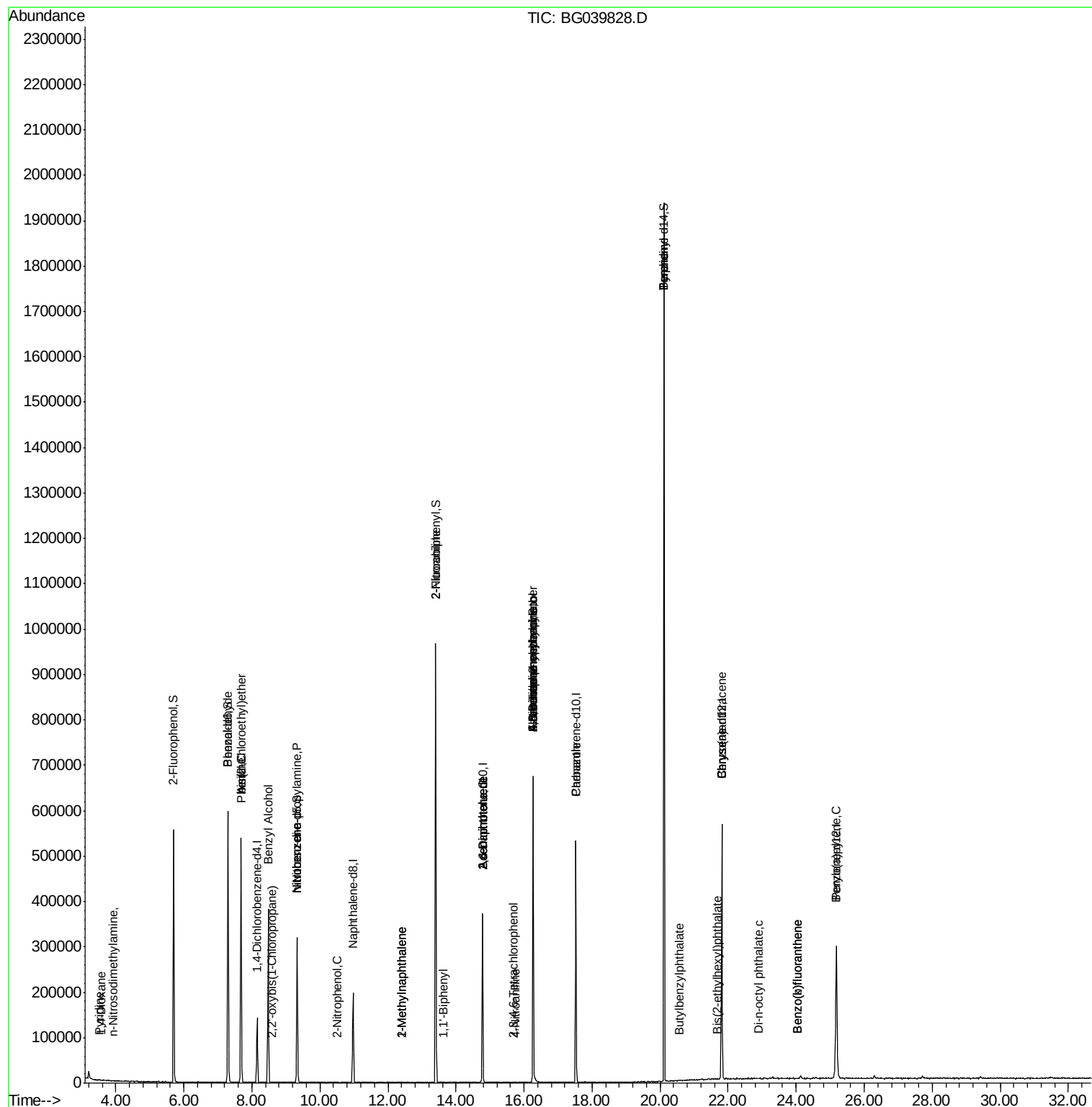
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	24.03	252	54	0.003	ng	# 60
89) Benzo(k)fluoranthene	24.03	252	54	0.003	ng	# 59
90) Benzo(a)pyrene	25.19	252	1205	0.065	ng	# 72

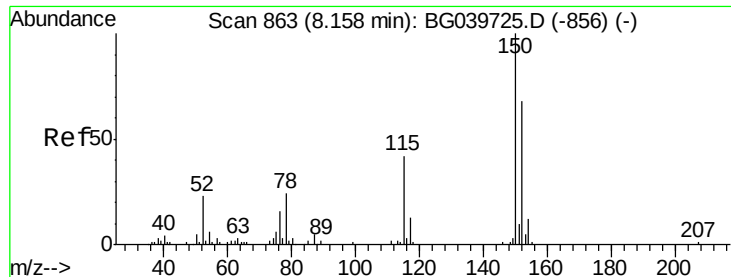
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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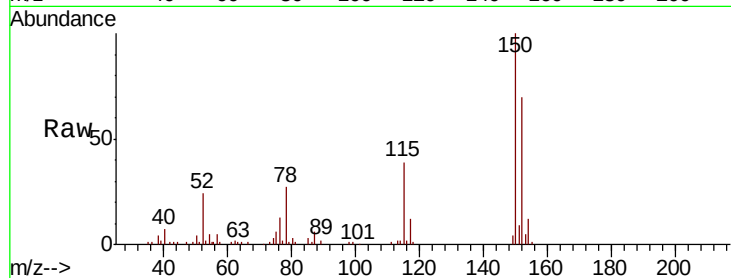


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039828.D
Acq: 8 Mar 2019 19:34

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.4	123.7	185.5
115	56.2	45.9	68.9

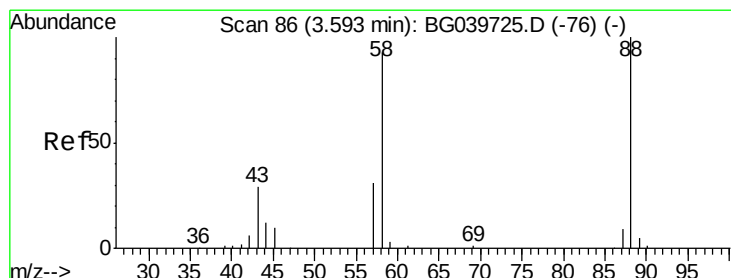
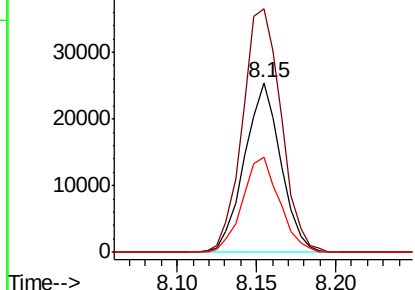
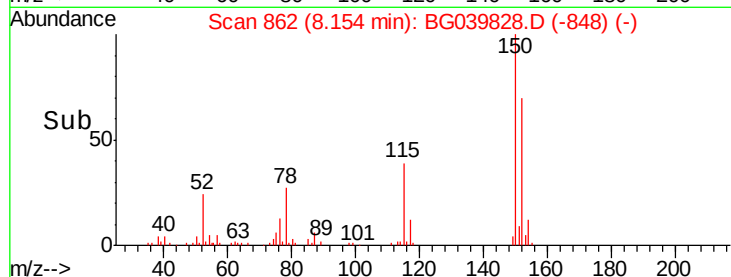


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

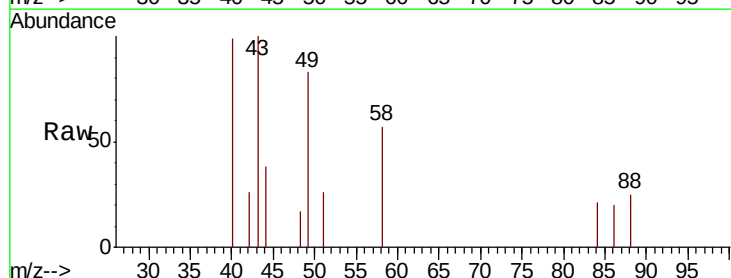
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.154 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.02 min
Lab File: BG039828.D
Acq: 8 Mar 2019 19:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	105.3	81.1	121.7
43	319.5	31.4	47.0

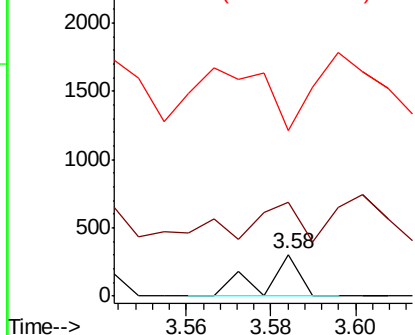
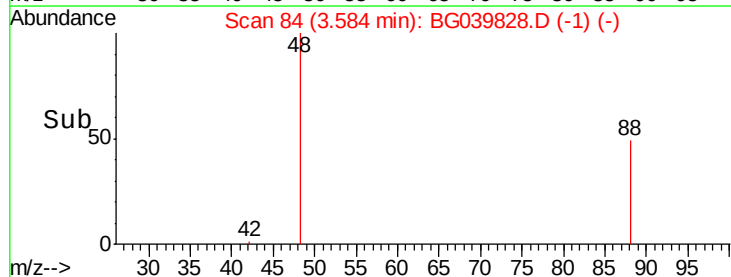


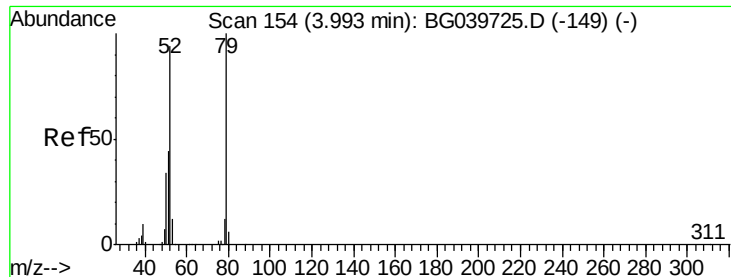
Abundance

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





#3

Pvridine

Concen: 0.019 ng

RT: 3.51 min Scan# 72

Delta R.T. -0.49 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

Instrument :

BNA_G

ClientSampleId :

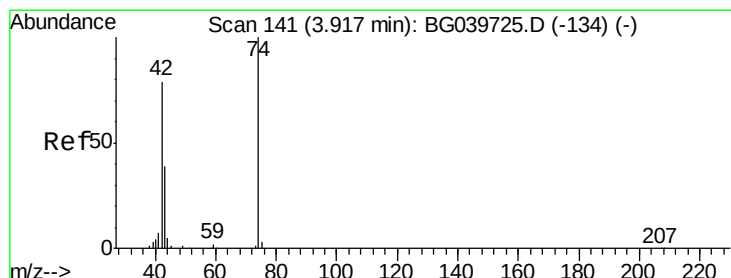
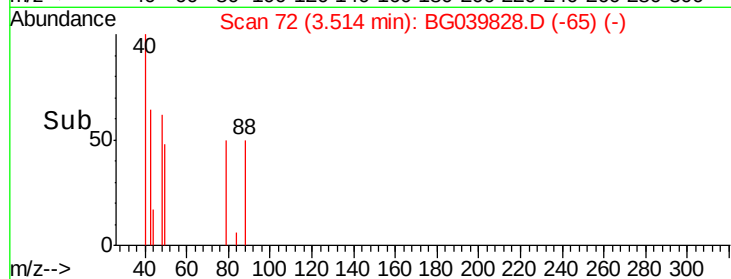
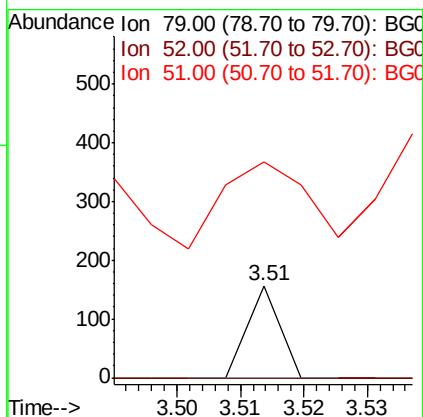
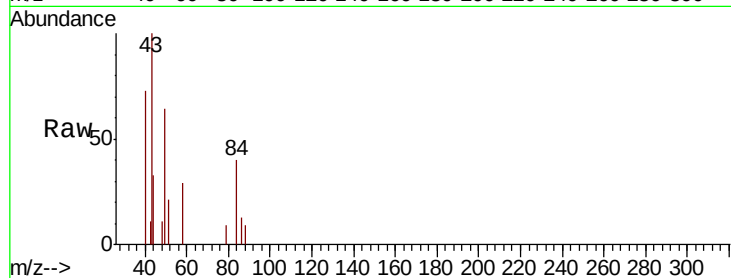
Tot Ion: 79 Resp: 55

Ion Ratio Lower Upper

79 100

52 0.0 82.6 124.0#

51 235.9 37.5 56.3#



#4

n-Nitrosodimethylamine

Concen: 0.219 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

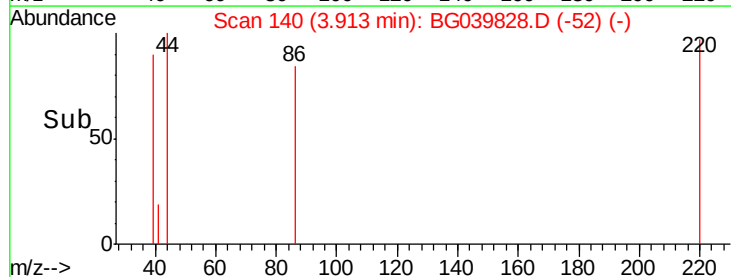
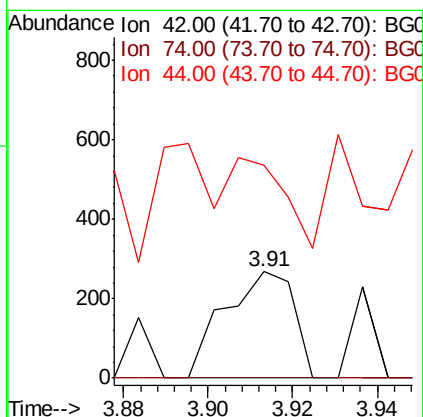
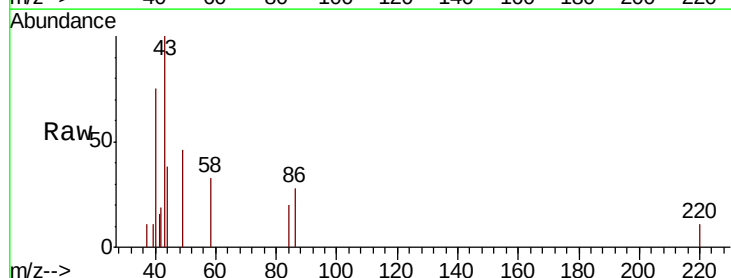
Tgt Ion: 42 Resp: 305

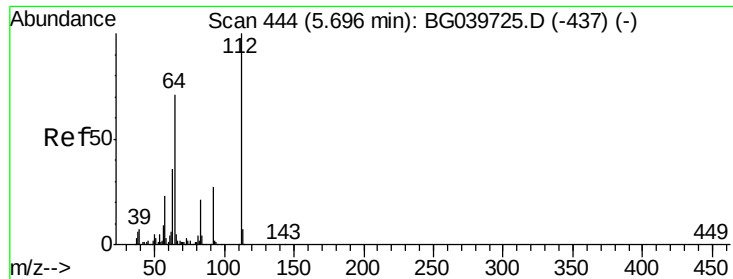
Ion Ratio Lower Upper

42 100

74 0.0 83.6 125.4#

44 199.6 6.9 10.3#





#5

2-Fluorophenol

Concen: 98.262 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

Instrument :

BNA_G

ClientSampleId :

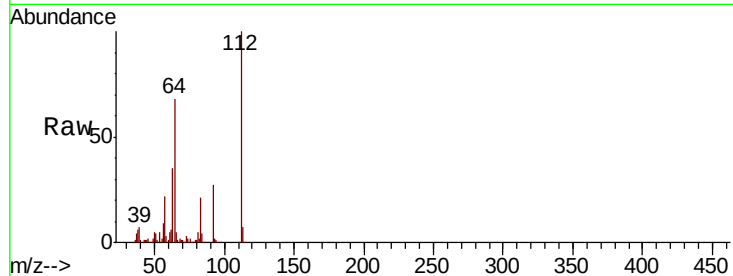
Tot Ion:112 Resp: 232913

Ion Ratio Lower Upper

112 100

64 68.1 57.8 86.8

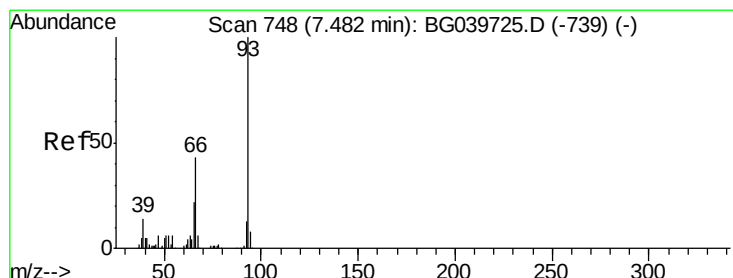
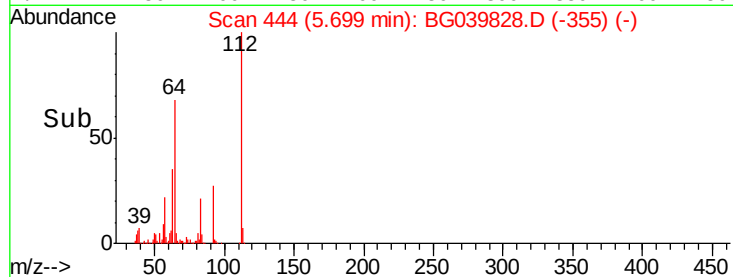
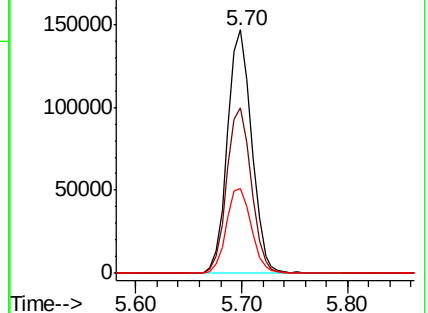
63 35.0 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.067 ng

RT: 7.67 min Scan# 780

Delta R.T. 0.18 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

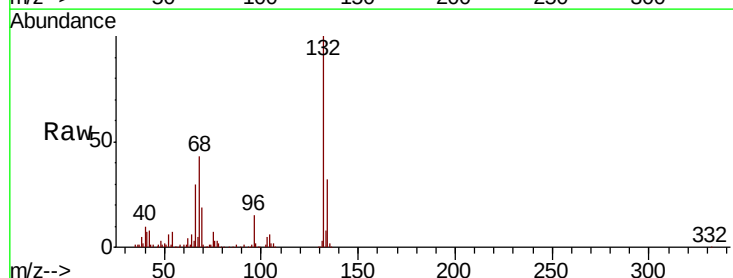
Tgt Ion: 93 Resp: 312

Ion Ratio Lower Upper

93 100

66 12227.0 34.2 51.4#

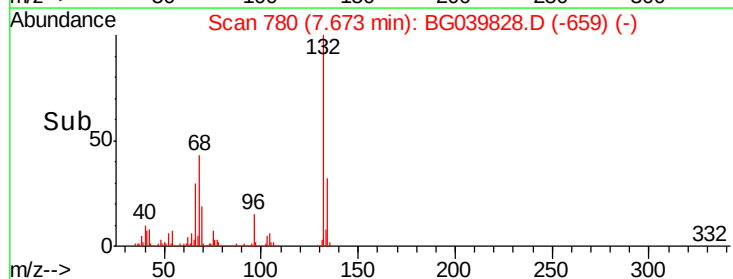
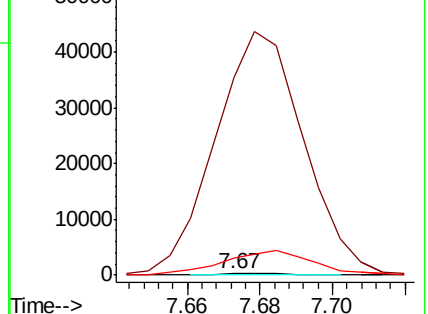
65 1024.6 17.7 26.5#

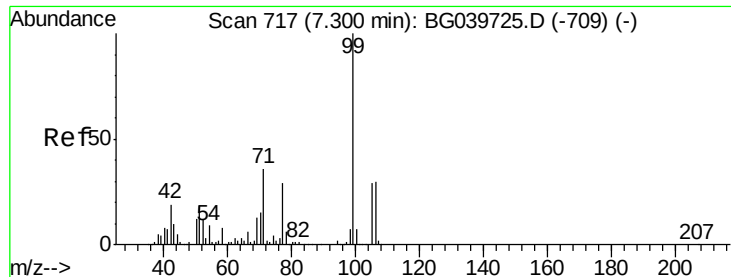


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 96.598 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

Instrument :

BNA_G

ClientSampled :

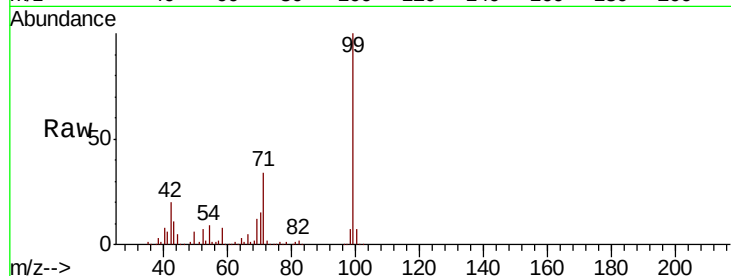
Tot Ion: 99 Resp: 341405

Ion Ratio Lower Upper

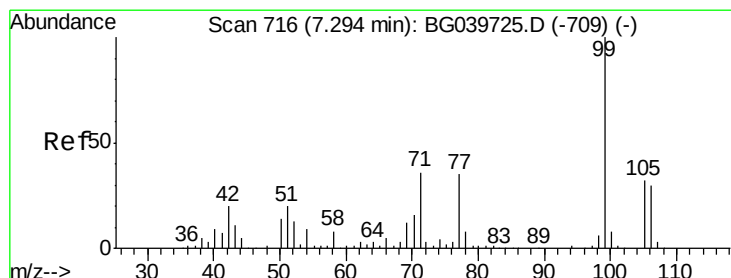
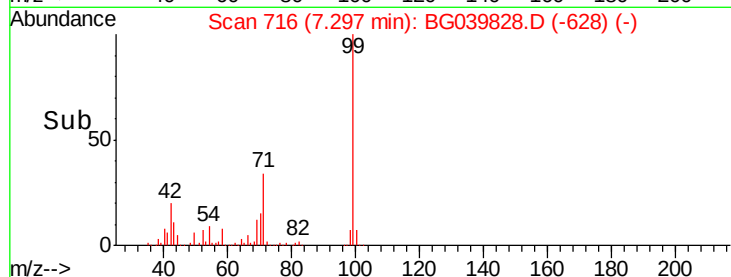
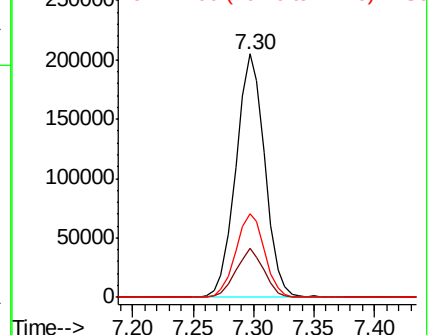
99 100

42 20.2 18.2 27.2

71 34.1 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: 0.230 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.00 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

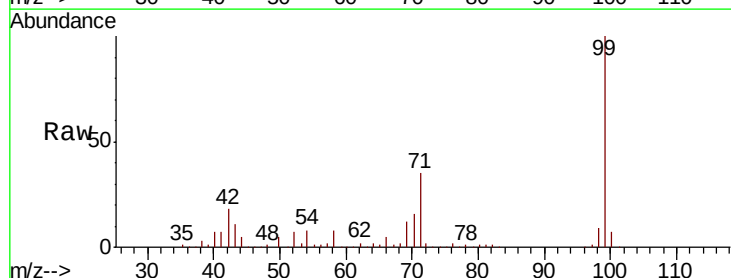
Tgt Ion: 77 Resp: 525

Ion Ratio Lower Upper

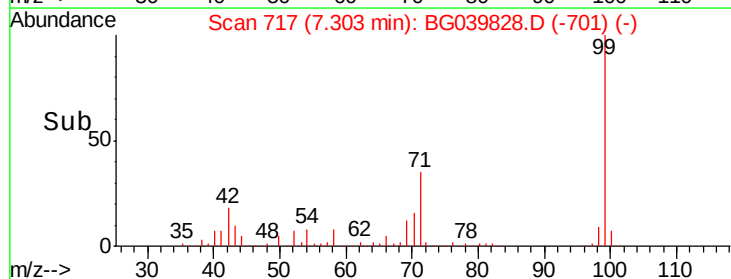
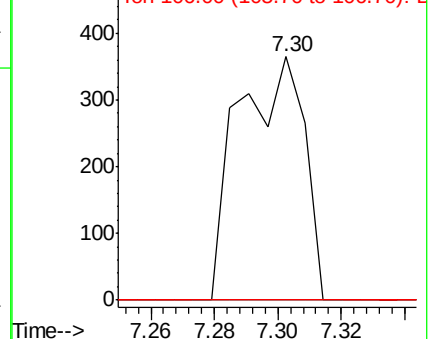
77 100

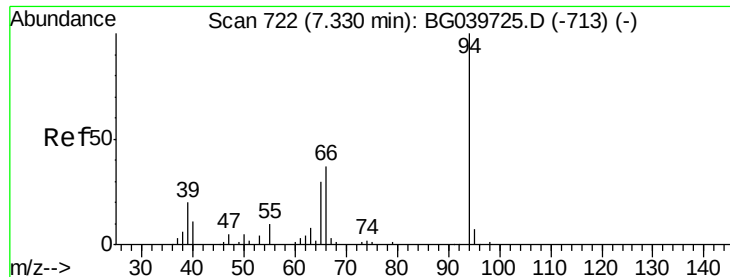
105 0.0 74.5 114.5#

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

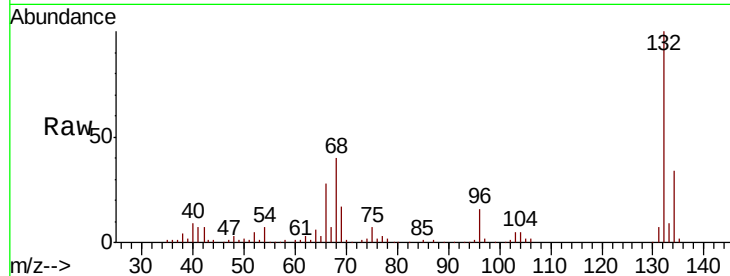




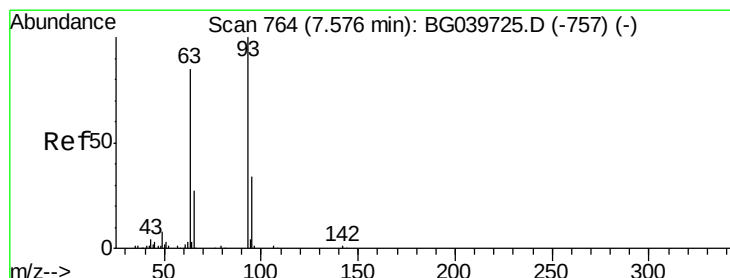
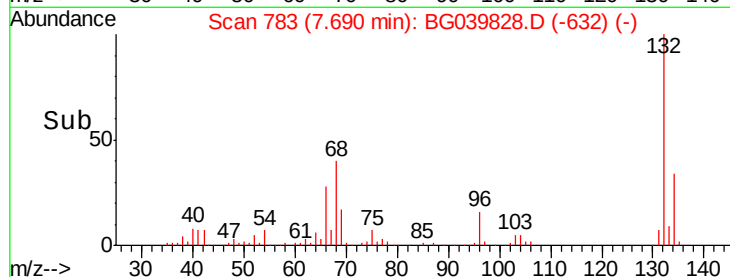
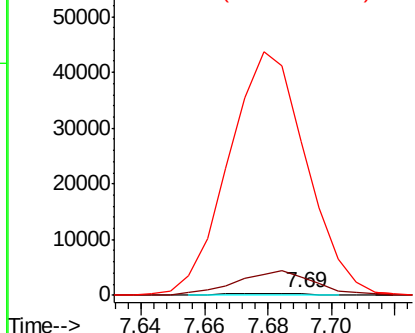
#10
Phenol
Concen: 0.141 ng
RT: 7.69 min Scan# 783
Delta R.T. 0.35 min
Lab File: BG039828.D
Acq: 8 Mar 2019 19:34

Instrument :
BNA_G
ClientSampled :

Tot Ion: 94 Resp: 541
Ion Ratio Lower Upper
94 100
65 843.1 11.7 51.7#
66 7040.8 23.7 63.7#

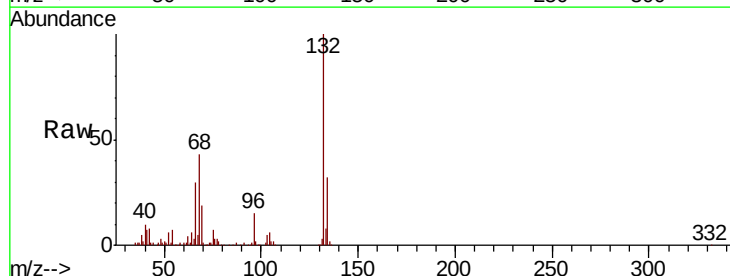


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

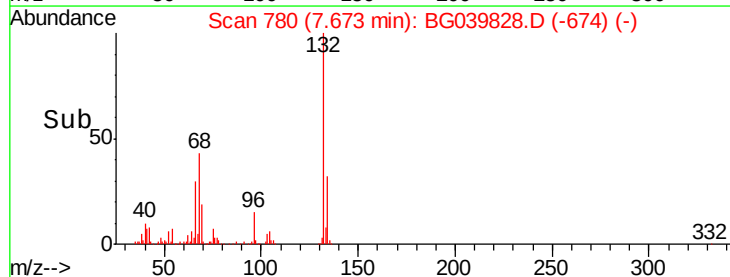
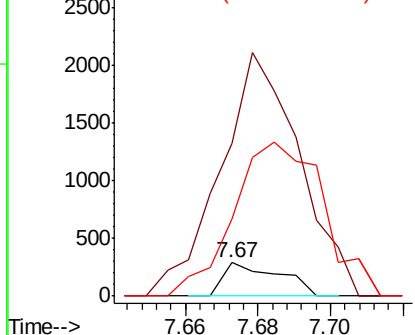


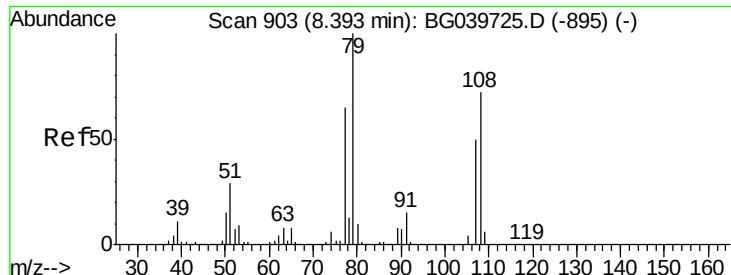
#11
bis(2-Chloroethyl)ether
Concen: 0.105 ng
RT: 7.67 min Scan# 780
Delta R.T. 0.09 min
Lab File: BG039828.D
Acq: 8 Mar 2019 19:34

Tgt Ion: 93 Resp: 312
Ion Ratio Lower Upper
93 100
63 460.2 69.5 109.5#
95 231.1 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: 1.139 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.07 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

Instrument :

BNA_G

ClientSampled :

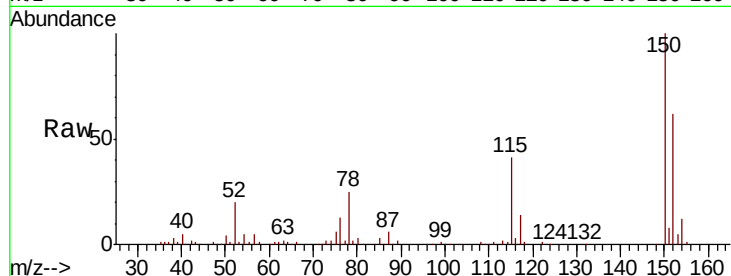
Tot Ion: 79 Resp: 3193

Ion Ratio Lower Upper

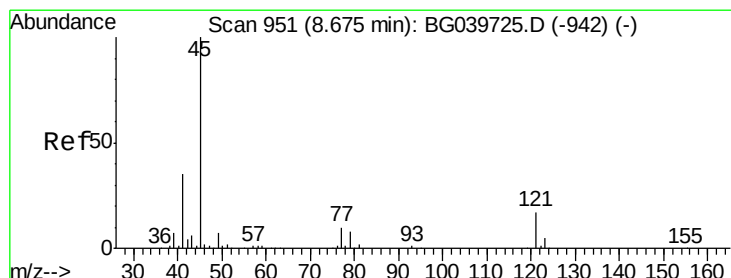
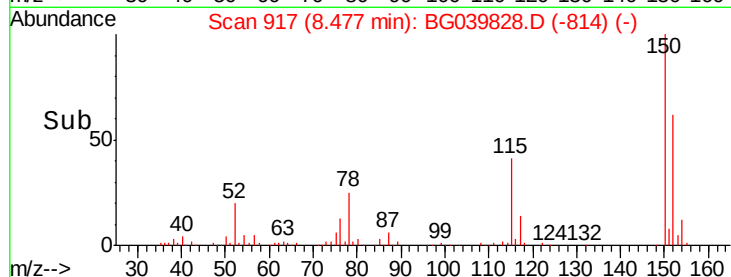
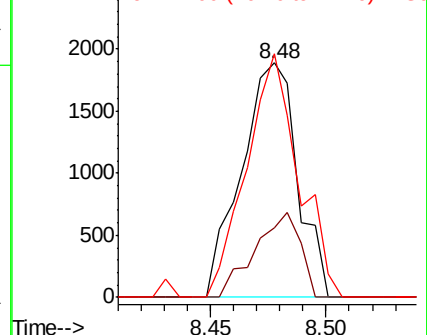
79 100

108 29.6 57.8 86.6#

77 104.0 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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.011 ng

RT: 8.59 min Scan# 937

Delta R.T. -0.09 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

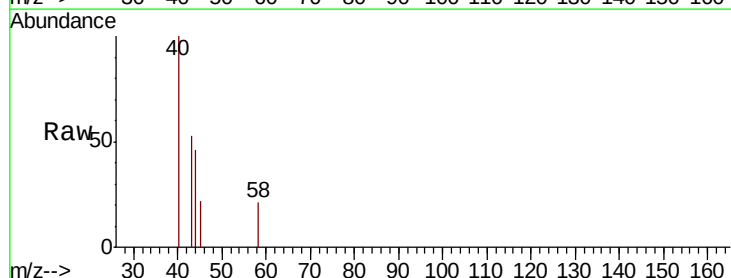
Tgt Ion: 45 Resp: 67

Ion Ratio Lower Upper

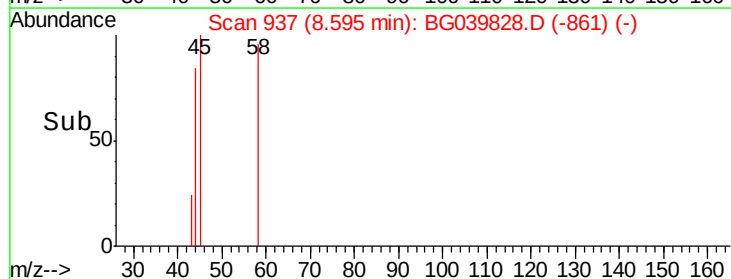
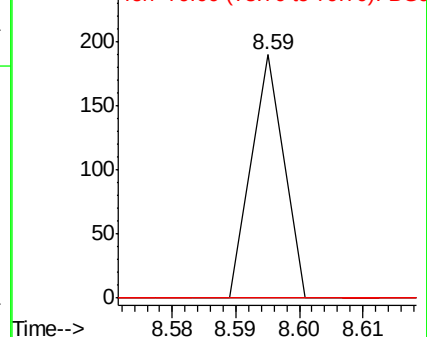
45 100

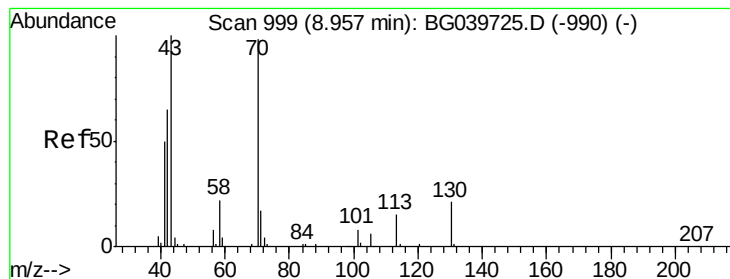
77 0.0 0.0 30.0

79 0.0 0.0 27.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 9.613 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.36 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 24454

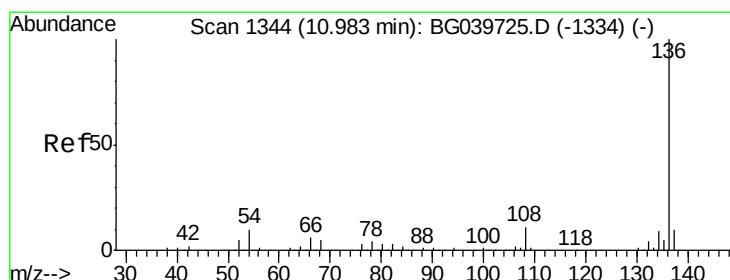
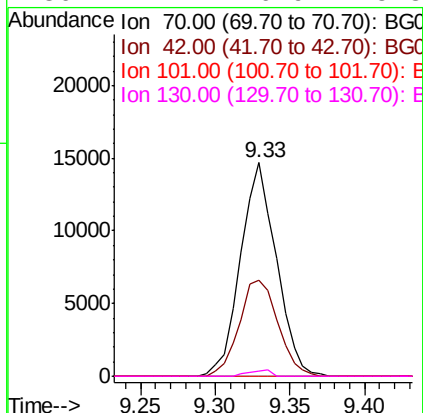
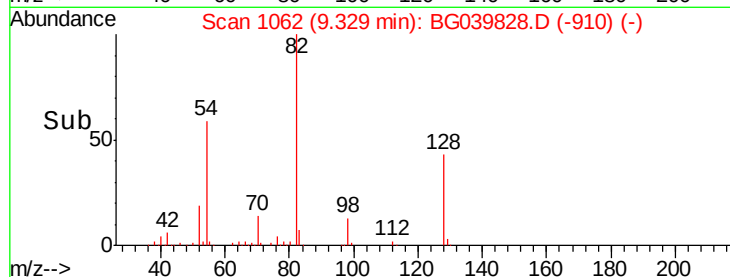
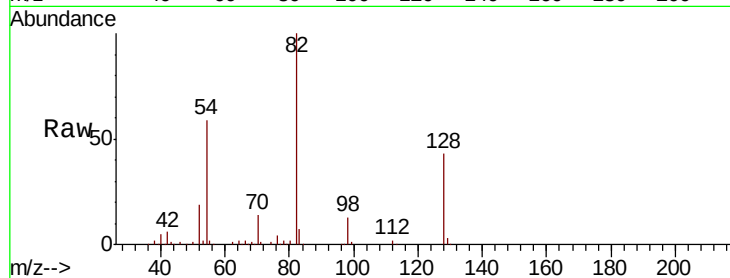
Ion Ratio Lower Upper

70 100

42 44.8 60.4 90.6#

101 0.0 7.5 11.3#

130 2.4 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: BG039828.D

Acq: 8 Mar 2019 19:34

Tgt Ion: 136 Resp: 175959

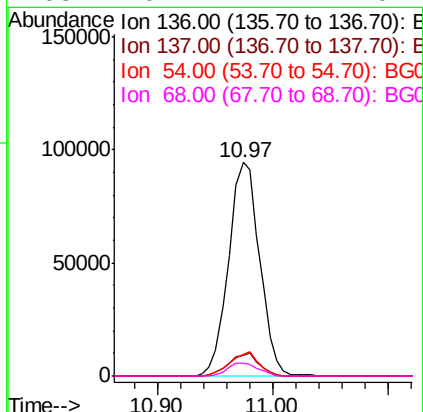
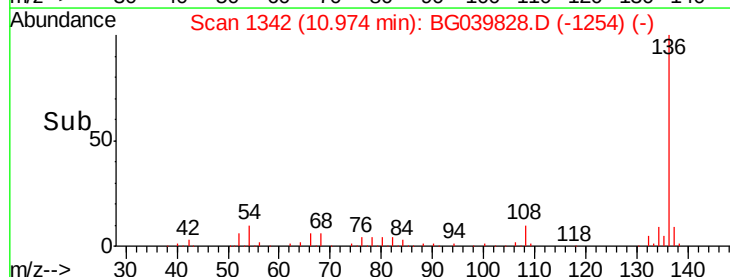
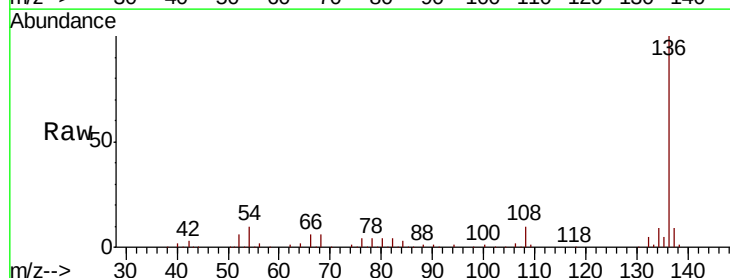
Ion Ratio Lower Upper

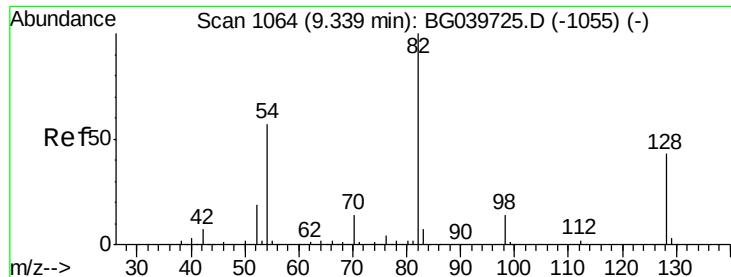
136 100

137 9.5 9.1 13.7

54 10.5 9.4 14.2

68 6.2 4.2 6.4

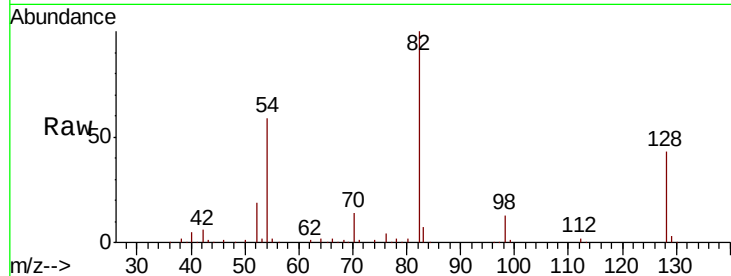




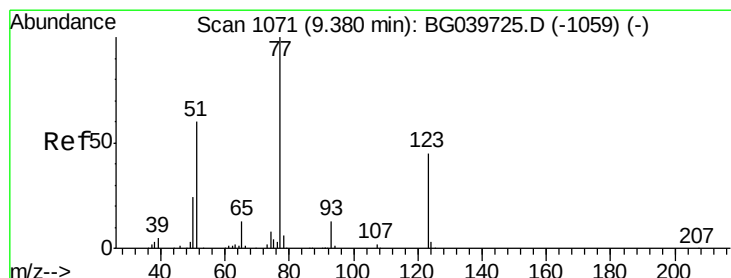
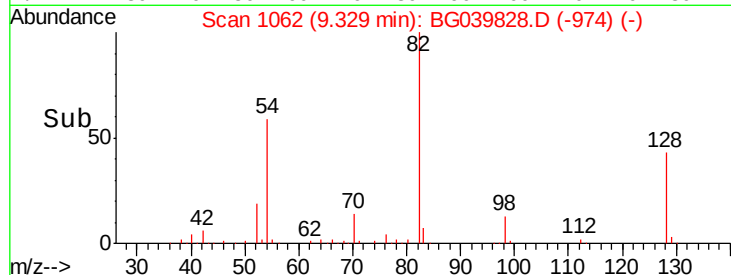
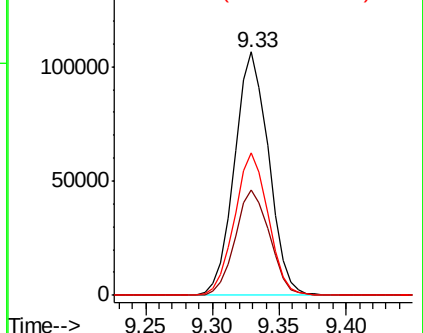
#23
Nitrobenzene-d5
Concen: 58.049 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039828.D
Acq: 8 Mar 2019 19:34

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	31.3	46.9
54	58.7	50.9	76.3

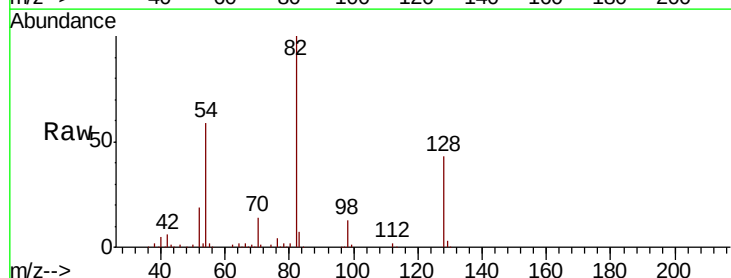


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

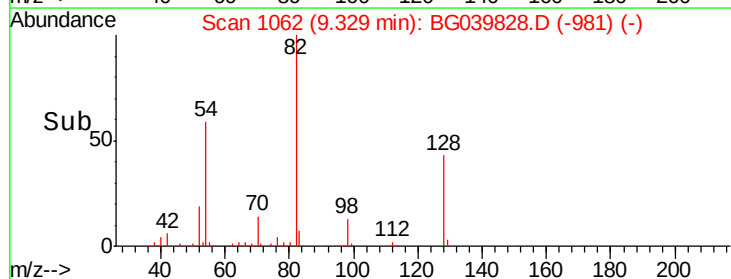
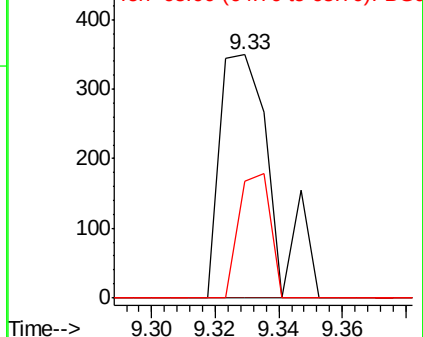


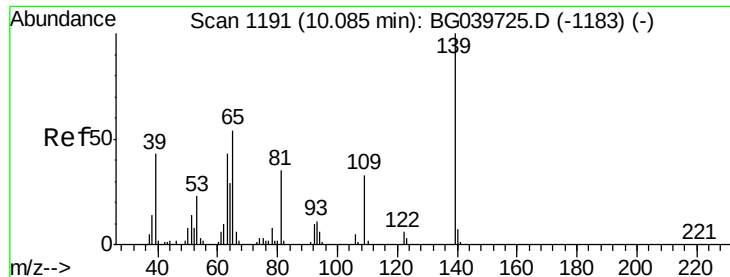
#24
Nitrobenzene
Concen: 0.115 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.06 min
Lab File: BG039828.D
Acq: 8 Mar 2019 19:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.1	51.1#
65	47.7	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





#26

2-Nitrophenol

Concen: 0.033 ng

RT: 10.51 min Scan# 1263

Delta R.T. 0.41 min

Lab File: BG039828.D

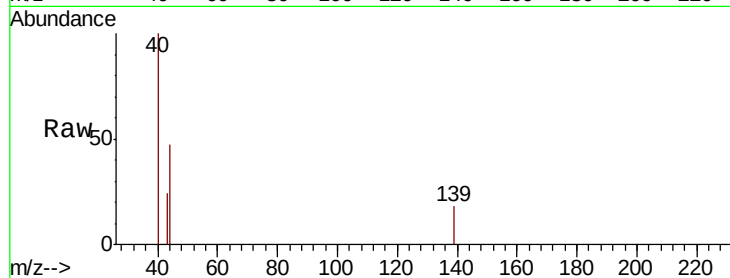
Acq: 8 Mar 2019 19:34

Instrument :

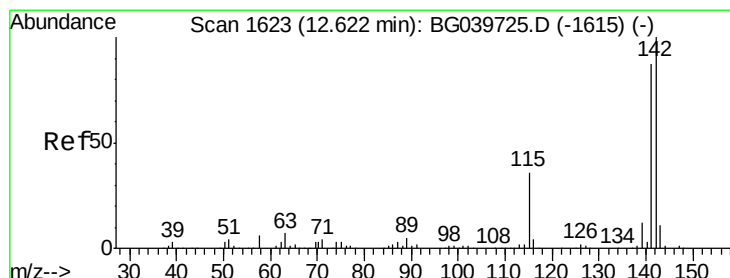
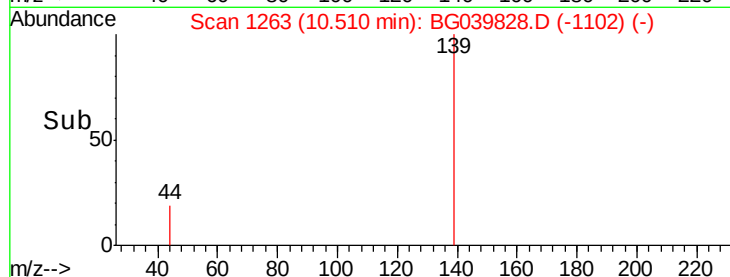
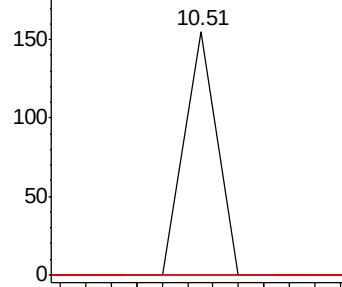
BNA_G

ClientSampleId :

Tot Ion:	139	Resp:	55
Ion	Ratio	Lower	Upper
139	100		
109	0.0	23.4	35.0#
65	0.0	44.3	66.5#



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



#37

2-Methylnaphthalene

Concen: 0.008 ng

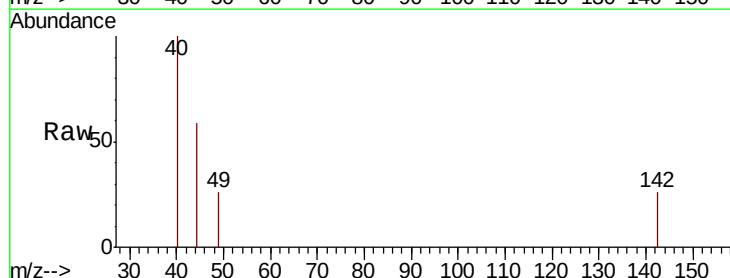
RT: 12.40 min Scan# 1585

Delta R.T. -0.23 min

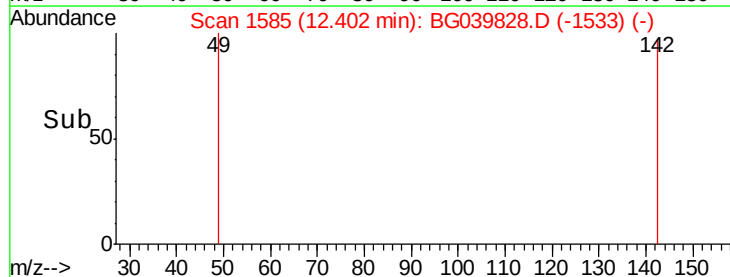
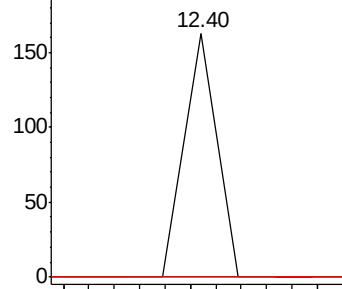
Lab File: BG039828.D

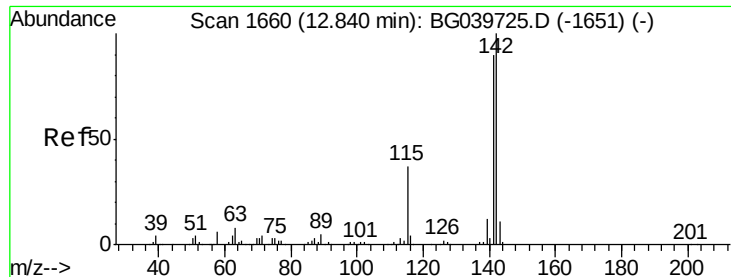
Acq: 8 Mar 2019 19:34

Tgt Ion:	142	Resp:	57
Ion	Ratio	Lower	Upper
142	100		
141	0.0	73.5	110.3#
115	0.0	30.8	46.2#



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





#38

1-Methylnaphthalene

Concen: 0.008 ng

RT: 12.40 min Scan# 1585

Delta R.T. -0.44 min

Lab File: BG039828.D

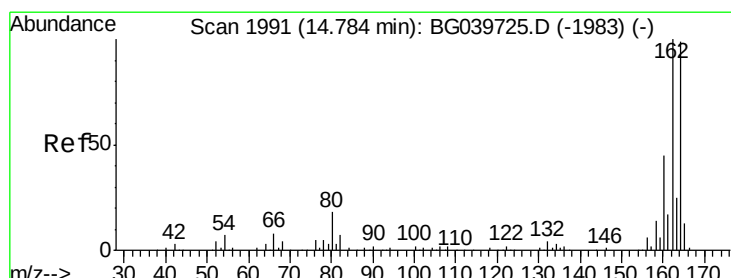
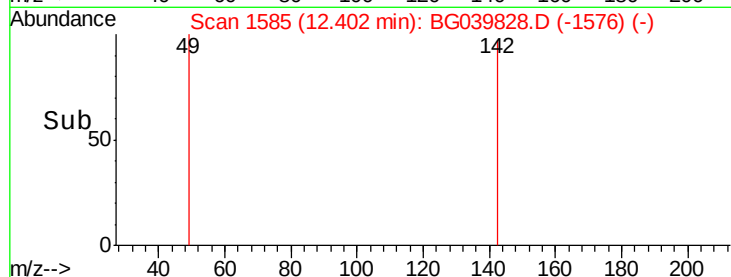
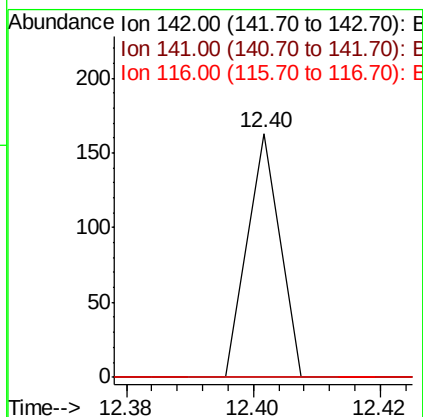
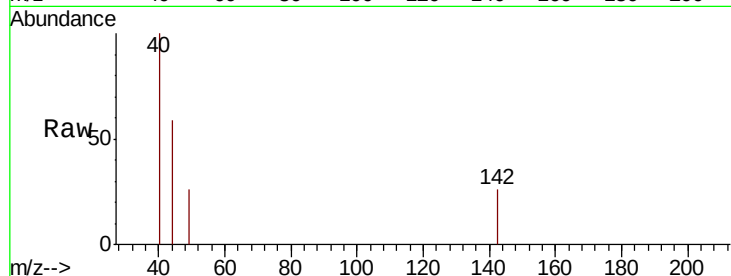
Acq: 8 Mar 2019 19:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	142	Resp:	57
Ion	Ratio	Lower	Upper
142	100		
141	0.0	74.2	111.4#
116	0.0	3.0	4.6#



#39

Acenaphthene-d10

Concen: 20.000 ng

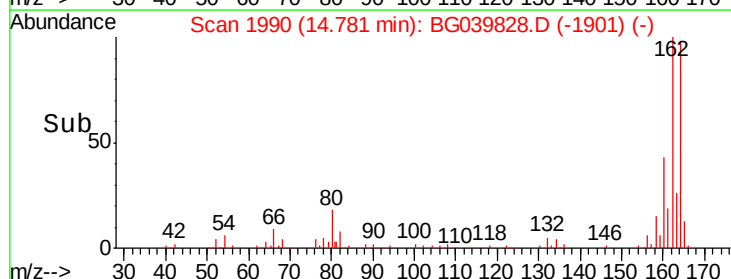
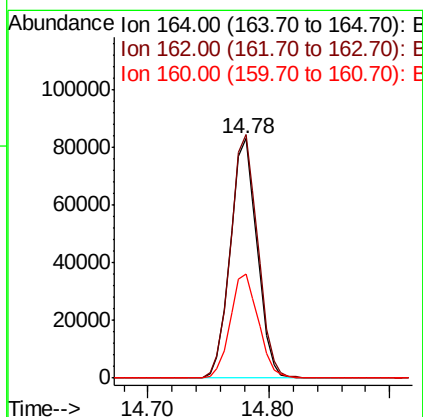
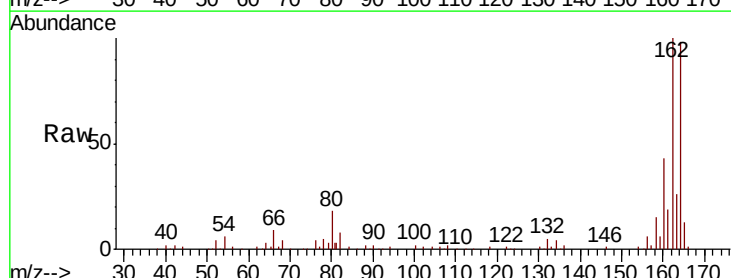
RT: 14.78 min Scan# 1990

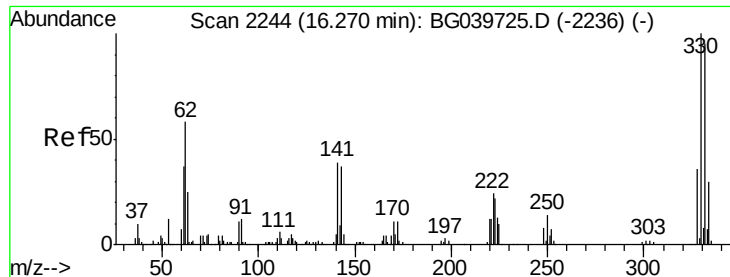
Delta R.T. -0.01 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

Tgt Ion:	164	Resp:	127921
Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.6	122.4
160	43.5	34.2	51.2

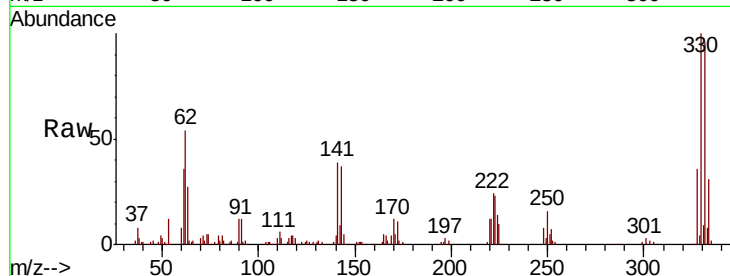




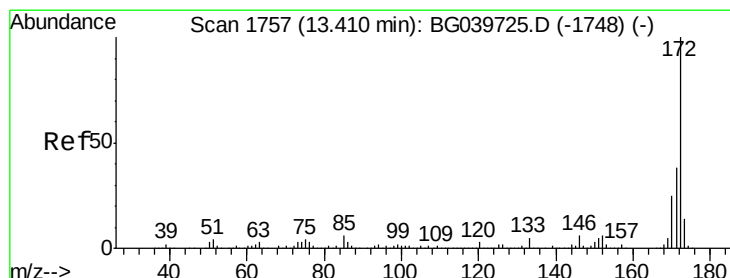
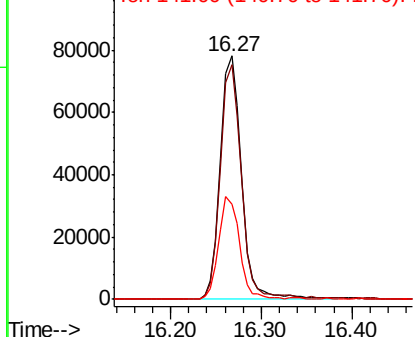
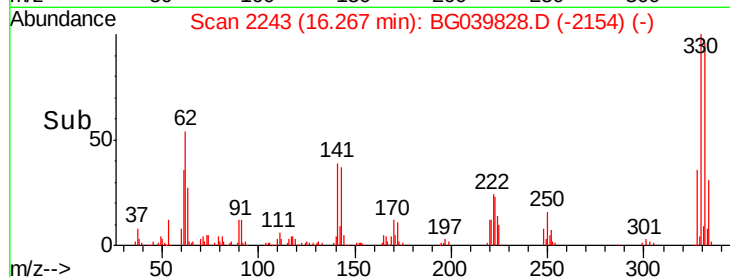
#42
 2,4,6-Tribromophenol
 Concen: 85.414 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG039828.D
 Acq: 8 Mar 2019 19:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.7	113.5
141	41.3	35.6	53.4

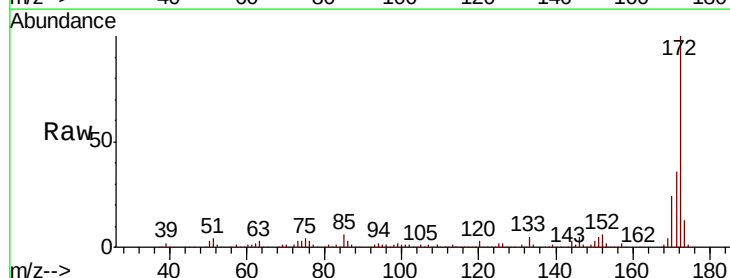


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

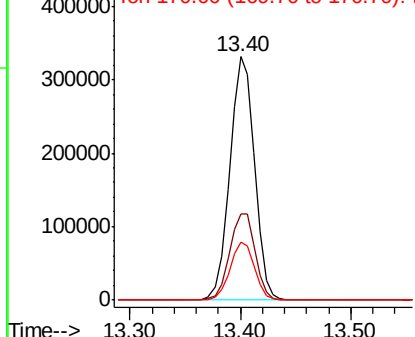
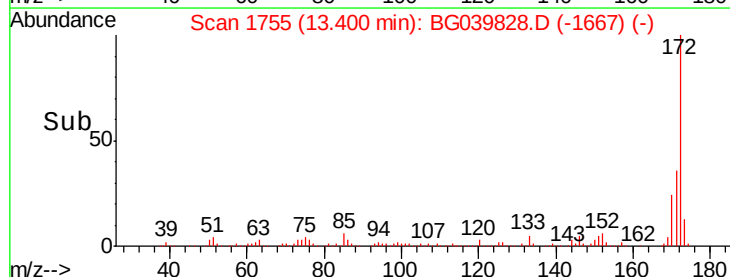


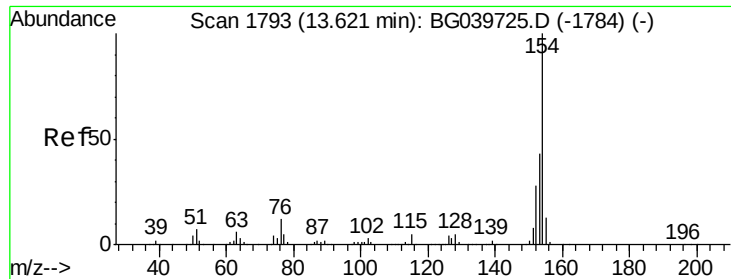
#45
 2-Fluorobiphenyl
 Concen: 57.674 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039828.D
 Acq: 8 Mar 2019 19:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.8	46.2
170	23.9	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: 0.083 ng

RT: 13.61 min Scan# 1791

Delta R.T. -0.02 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

Instrument :

BNA_G

ClientSampleId :

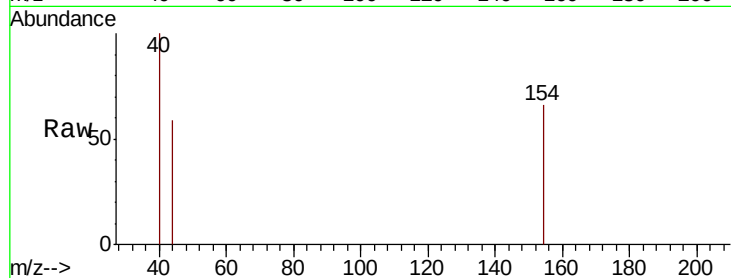
Tot Ion:154 Resp: 873

Ion Ratio Lower Upper

154 100

153 0.0 22.1 62.1#

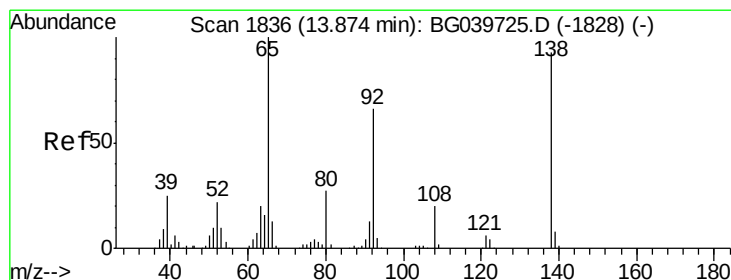
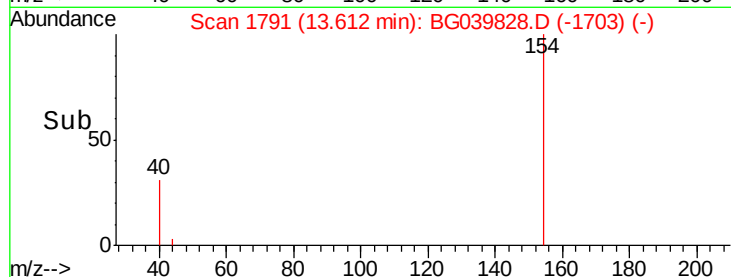
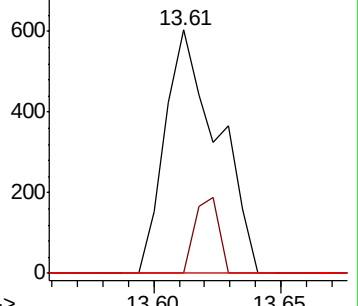
76 0.0 0.0 32.4



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): BGC



#48

2-Nitroaniline

Concen: 0.348 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.49 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

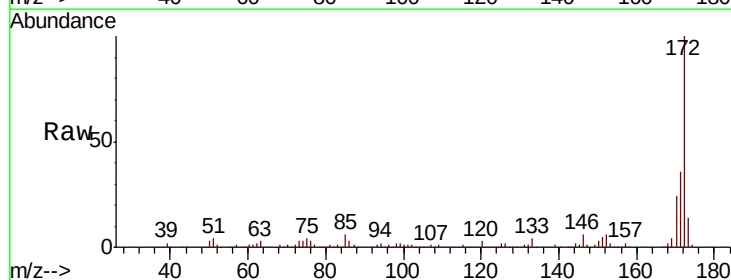
Tgt Ion: 65 Resp: 884

Ion Ratio Lower Upper

65 100

92 106.4 51.4 77.2#

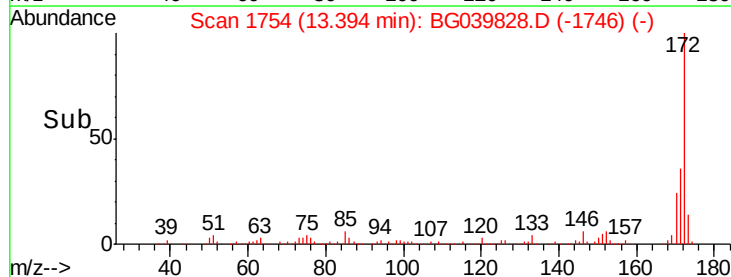
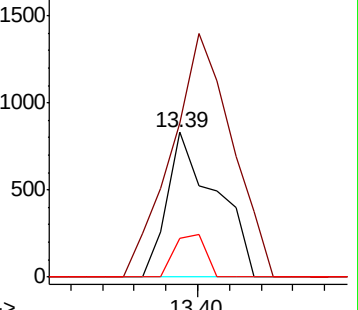
138 26.6 71.4 107.2#

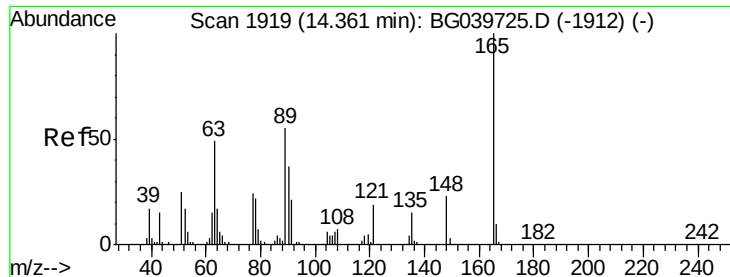


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#51

2,6-Dinitrotoluene

Concen: 7.121 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.41 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

Instrument :

BNA_G

ClientSampled :

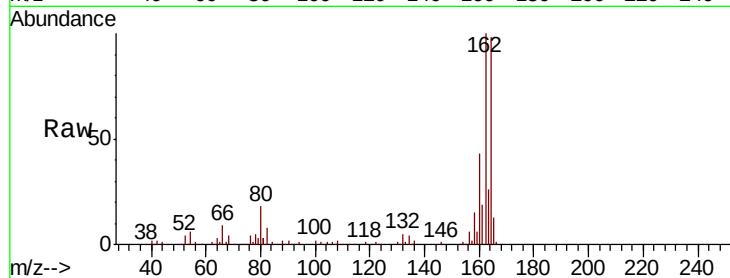
Tot Ion:165 Resp: 16148

Ion Ratio Lower Upper

165 100

63 2.9 47.0 70.6#

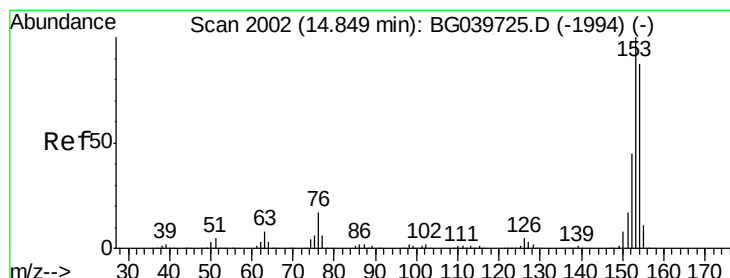
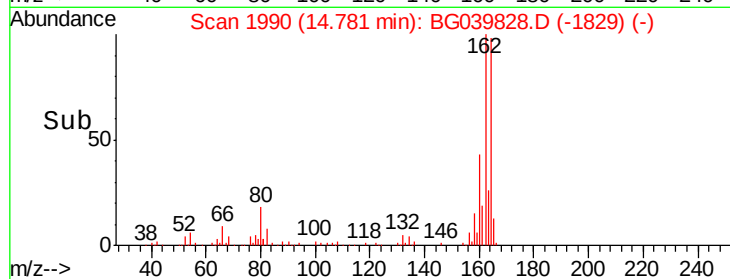
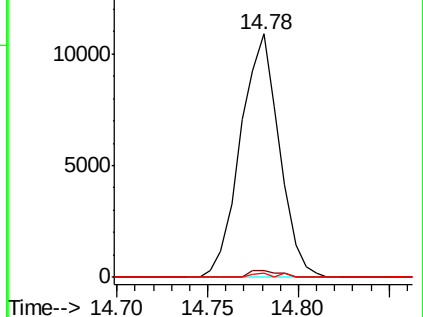
89 1.8 45.8 68.8#



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: 0.081 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.07 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

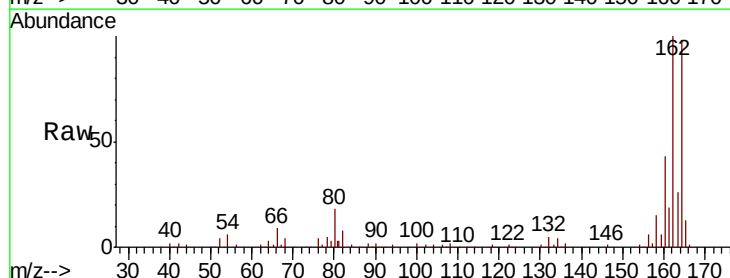
Tgt Ion:154 Resp: 631

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

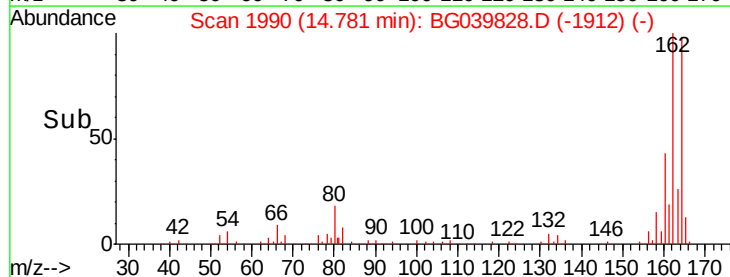
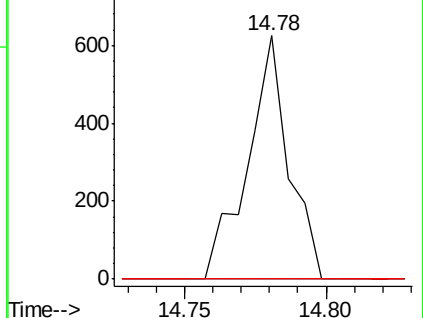
152 0.0 40.9 61.3#

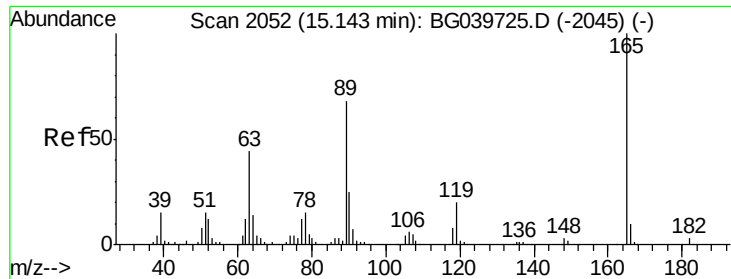


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#57

2,4-Dinitrotoluene

Concen: 5.068 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.37 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 16148

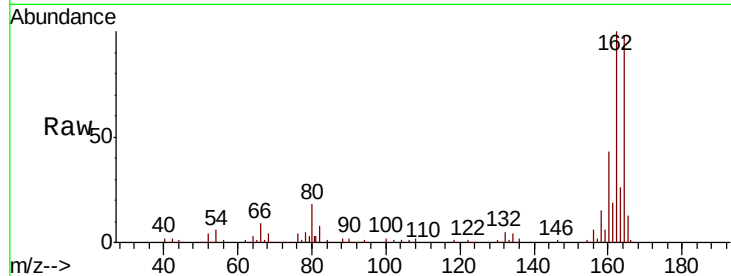
Ion Ratio Lower Upper

165 100

63 2.9 41.0 61.6#

89 1.8 64.6 96.8#

182 0.0 2.0 3.0#

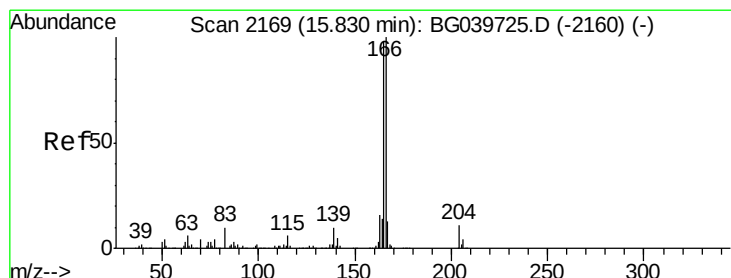
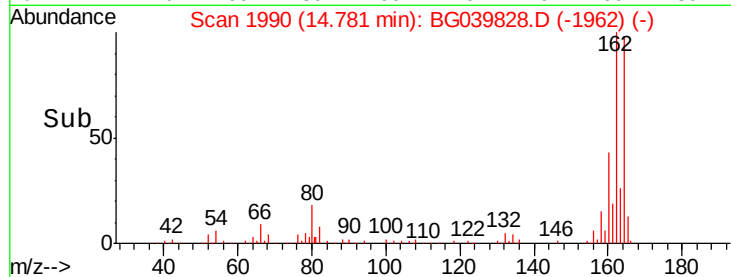
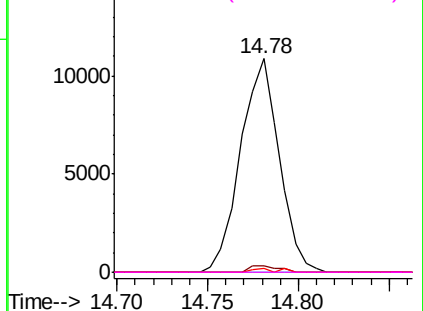


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.540 ng

RT: 16.26 min Scan# 2242

Delta R.T. 0.42 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

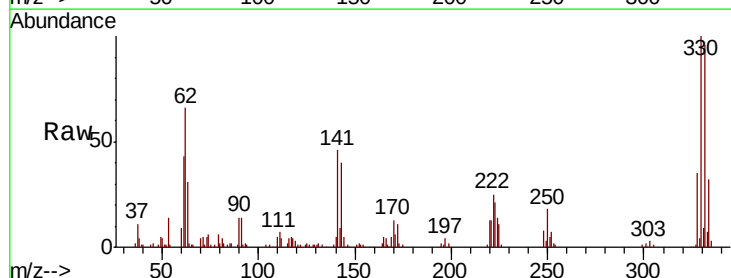
Tgt Ion:166 Resp: 5443

Ion Ratio Lower Upper

166 100

165 107.7 77.9 116.9

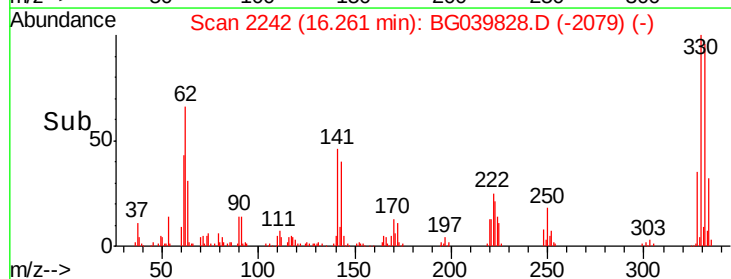
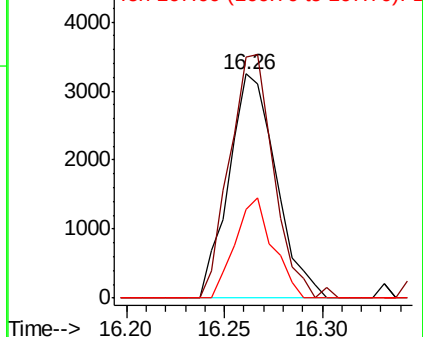
167 39.4 10.8 16.2#

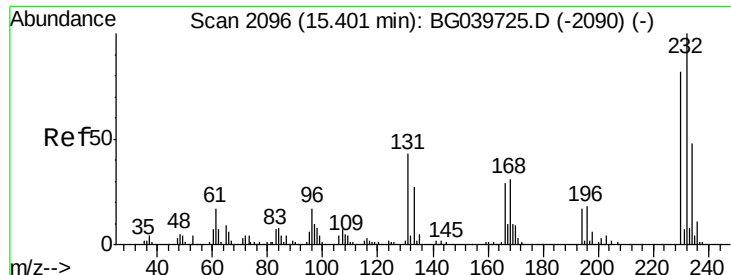


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

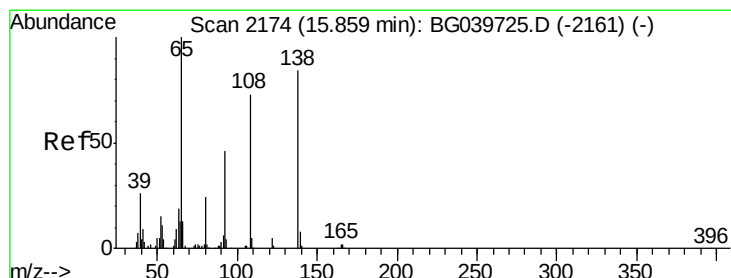
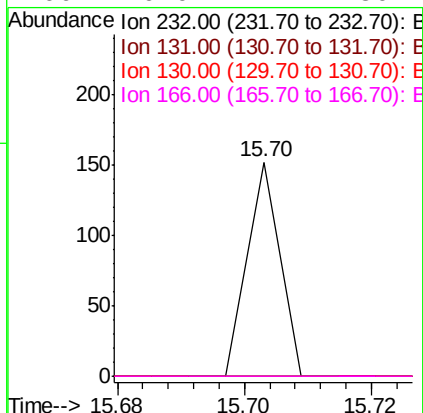
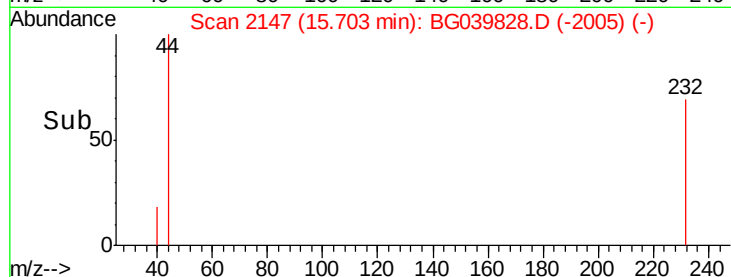
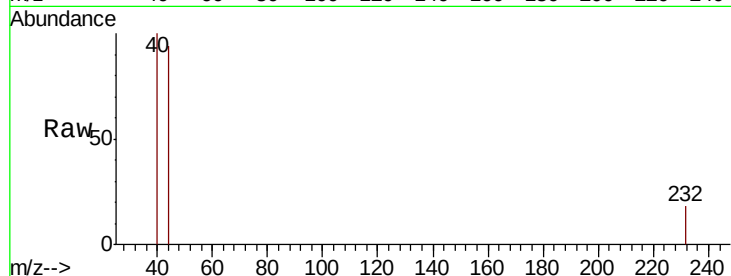




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 0.019 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. 0.30 min
 Lab File: BG039828.D
 Acq: 8 Mar 2019 19:34

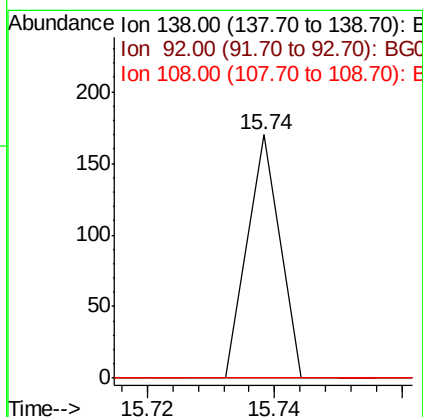
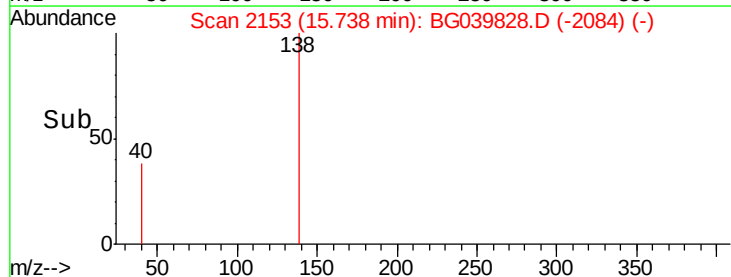
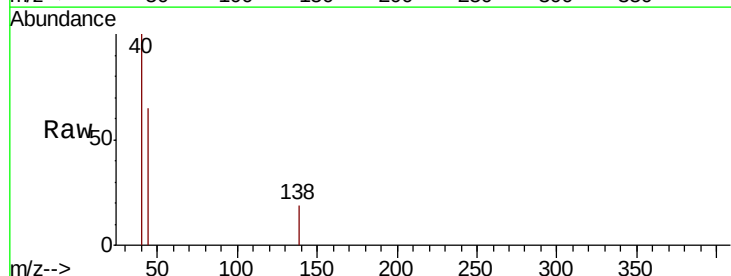
Instrument :
 BNA_G
 ClientSampleId :

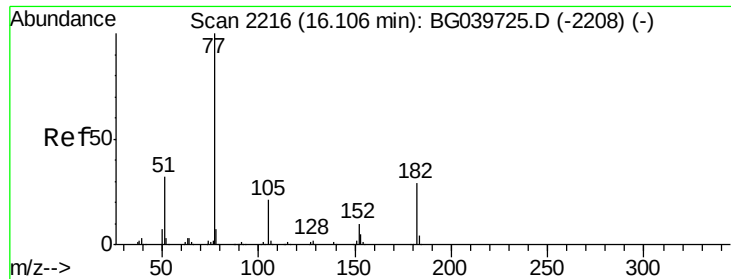
Tot Ion	Ratio	Lower	Upper
232	100		
131	0.0	34.9	52.3#
130	0.0	2.0	3.0#
166	0.0	24.1	36.1#



#62
 4-Nitroaniline
 Concen: 0.024 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.13 min
 Lab File: BG039828.D
 Acq: 8 Mar 2019 19:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	0.0	38.7	78.7#
108	0.0	74.6	114.6#





#63

Azobenzene

Concen: 0.060 ng

RT: 16.27 min Scan# 2243

Delta R.T. 0.15 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 580

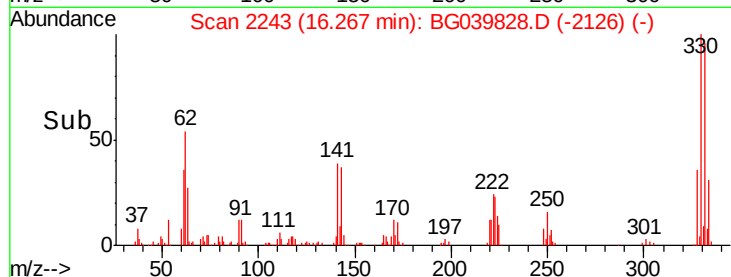
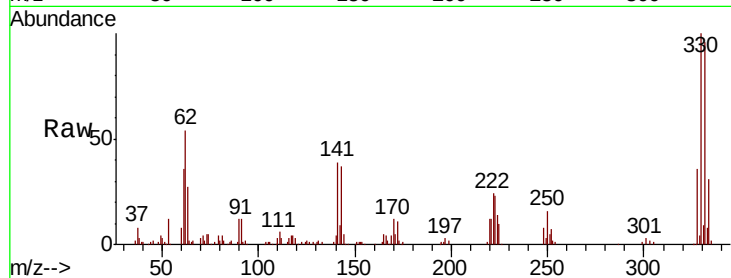
Ion Ratio Lower Upper

77 100

182 0.0 6.4 46.4#

105 70.9 0.0 39.8#

51 78.8 14.1 54.1#

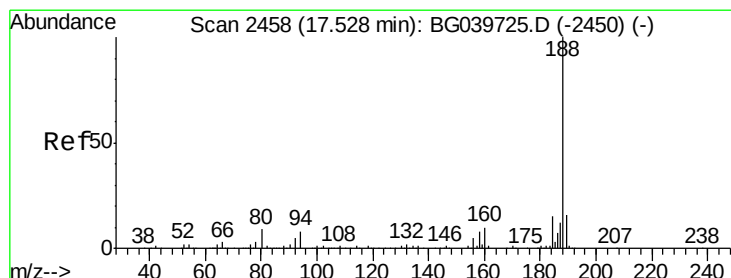
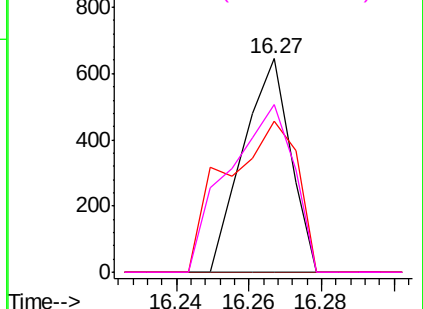


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

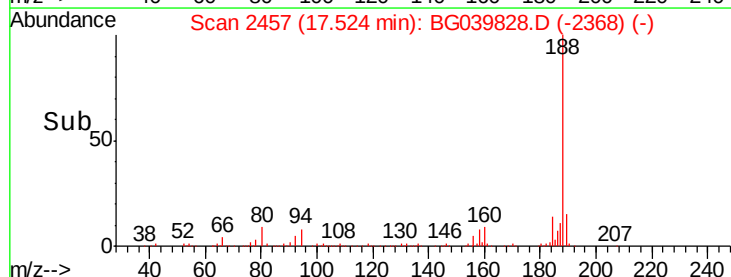
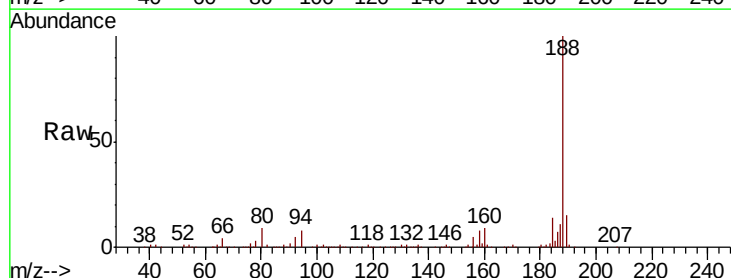
Tgt Ion: 188 Resp: 328281

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

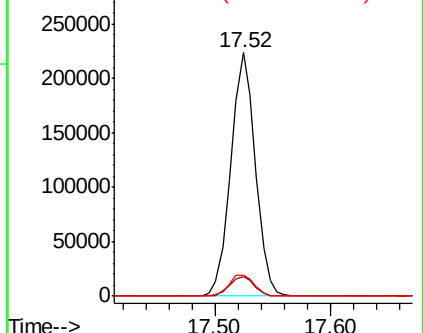
80 8.8 8.1 12.1

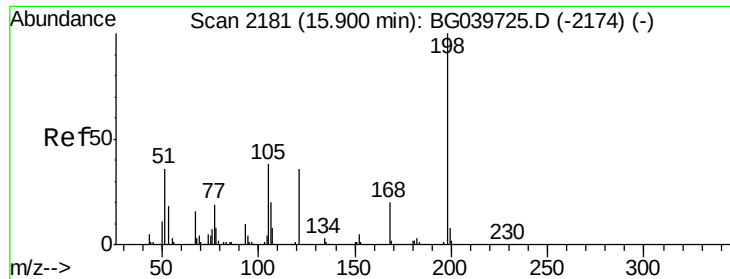


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

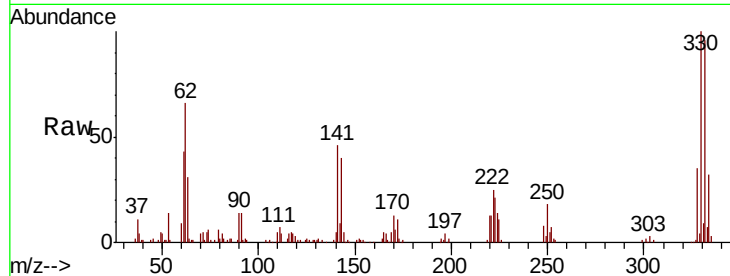




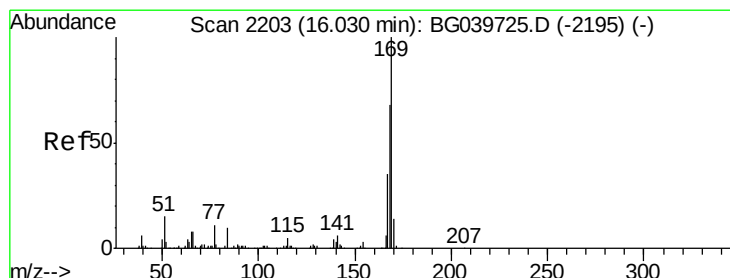
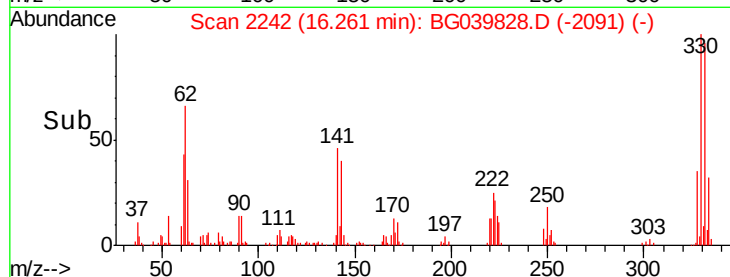
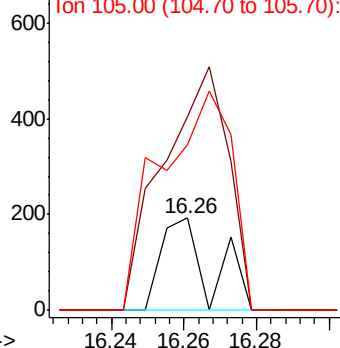
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.094 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. 0.35 min
 Lab File: BG039828.D
 Acq: 8 Mar 2019 19:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 183
 Ion Ratio Lower Upper
 198 100
 51 209.8 27.4 67.4#
 105 178.8 19.7 59.7#

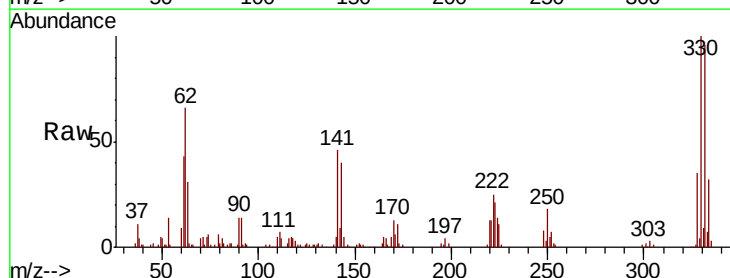


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

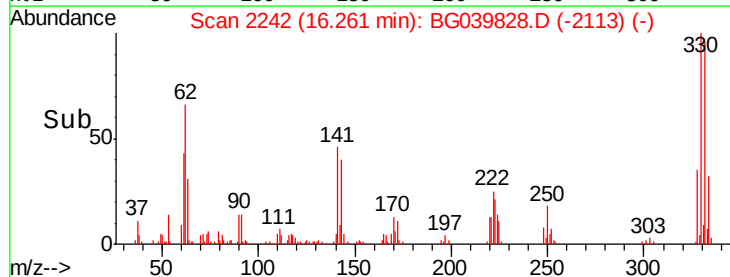
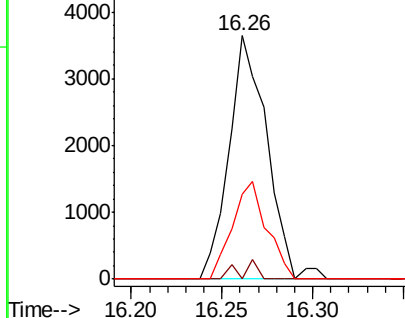


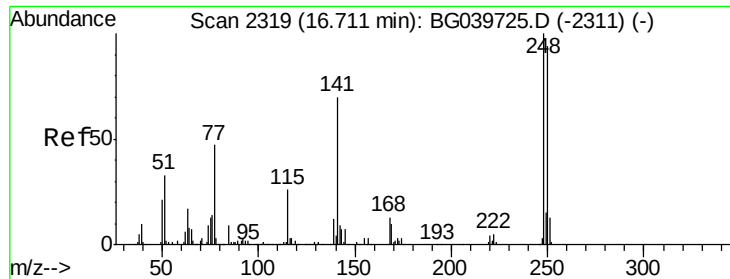
#66
 n-Nitrosodiphenylamine
 Concen: 0.562 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. 0.22 min
 Lab File: BG039828.D
 Acq: 8 Mar 2019 19:34

Tgt Ion:169 Resp: 5338
 Ion Ratio Lower Upper
 169 100
 168 0.0 56.6 85.0#
 167 35.1 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

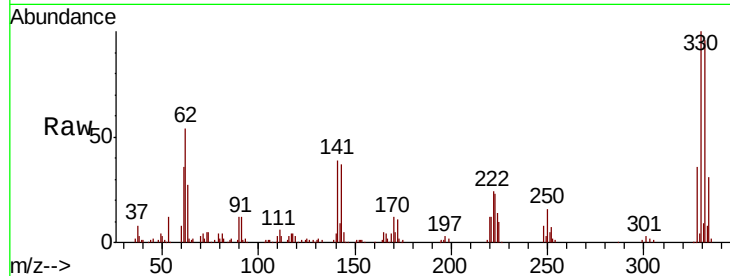




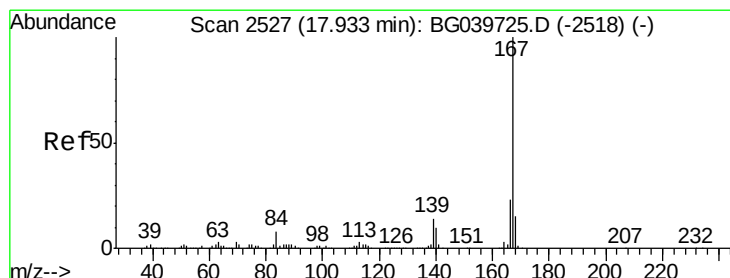
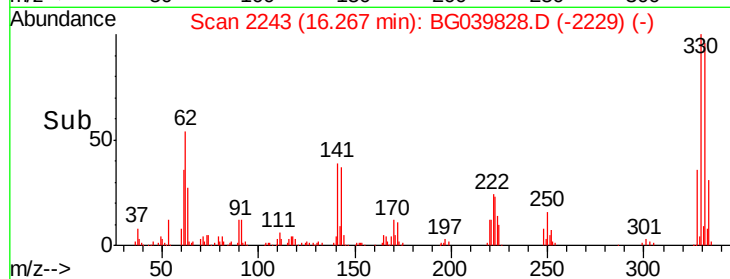
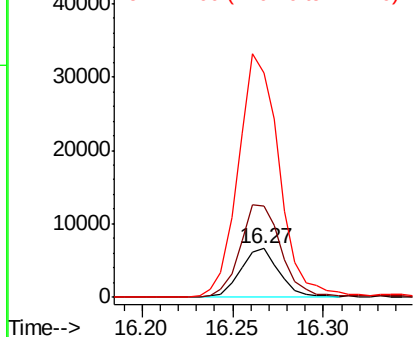
#67
 4-Bromophenyl-phenylether
 Concen: 2.667 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.45 min
 Lab File: BG039828.D
 Acq: 8 Mar 2019 19:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 9801
 Ion Ratio Lower Upper
 248 100
 250 188.9 77.6 116.4#
 141 462.5 63.9 95.9#

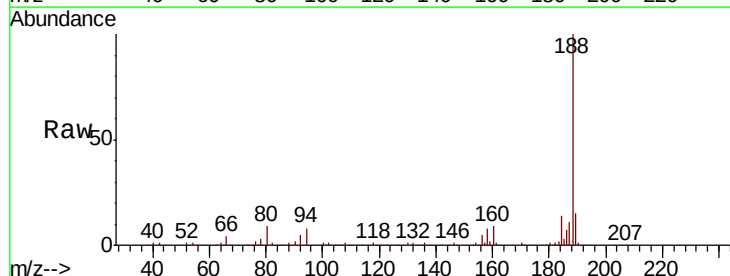


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

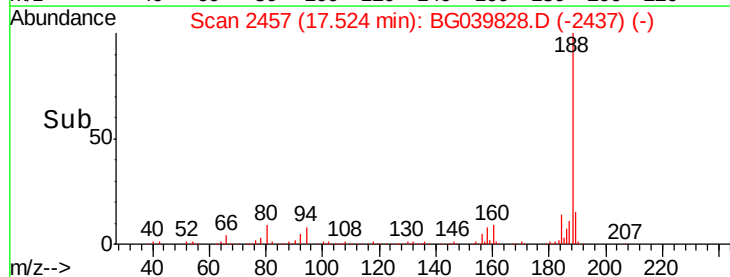
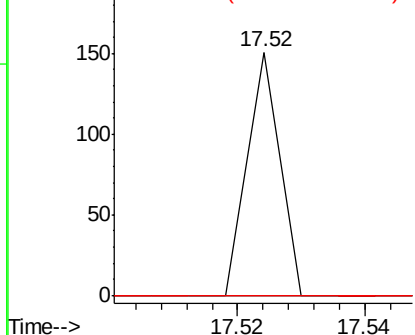


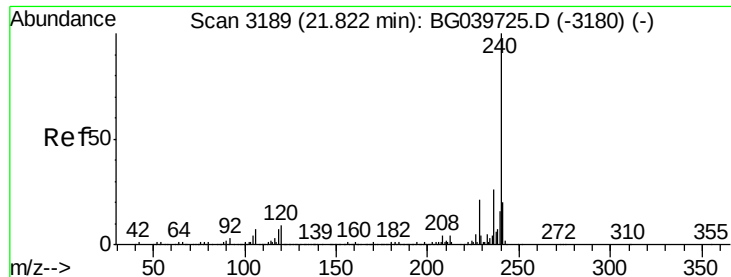
#73
 Carbazole
 Concen: 0.003 ng
 RT: 17.52 min Scan# 2457
 Delta R.T. -0.42 min
 Lab File: BG039828.D
 Acq: 8 Mar 2019 19:34

Tgt Ion:167 Resp: 53
 Ion Ratio Lower Upper
 167 100
 166 0.0 19.4 29.2#
 139 0.0 10.8 16.2#



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

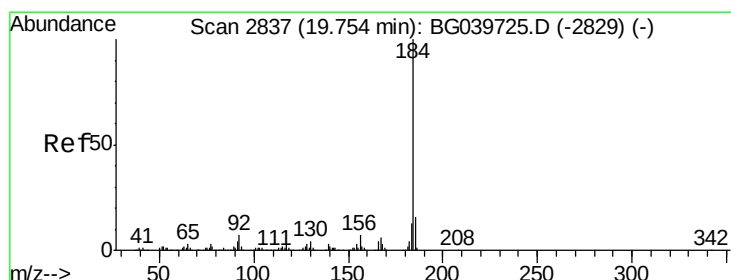
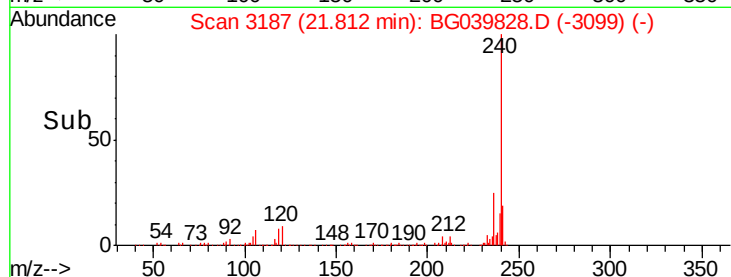
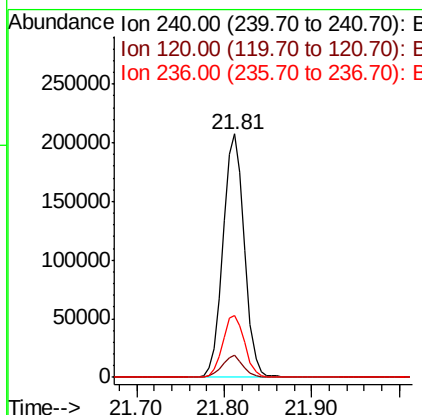
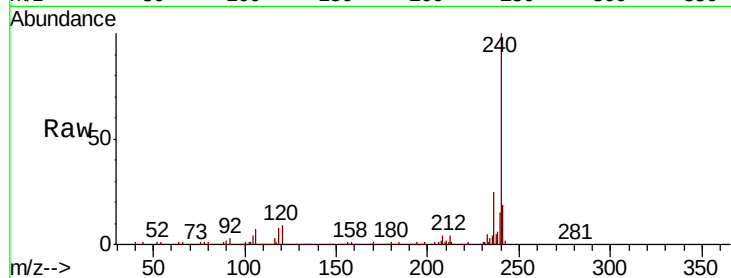




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039828.D
Acq: 8 Mar 2019 19:34

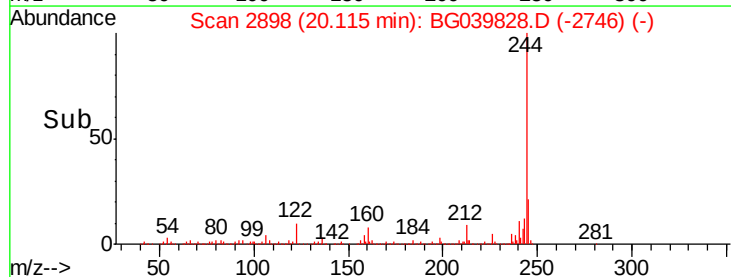
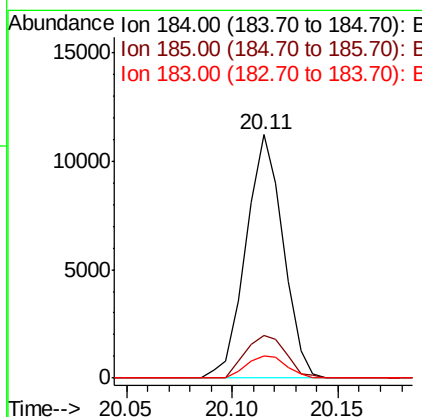
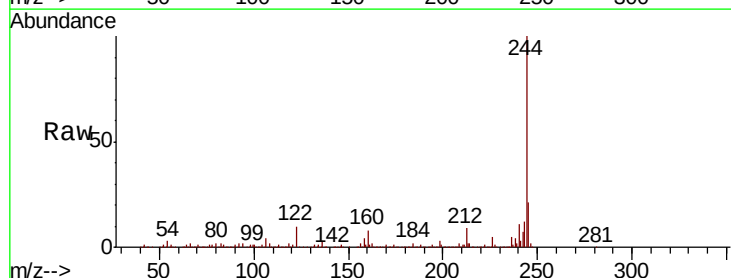
Instrument :
BNA_G
ClientSampled :

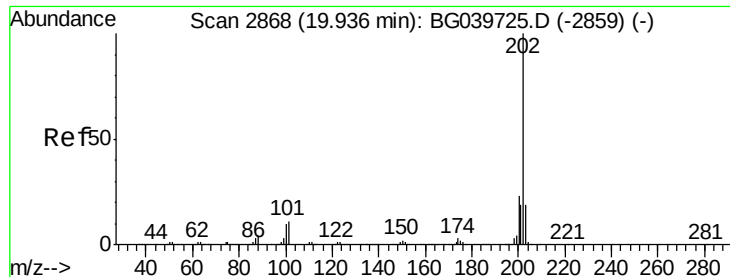
Tot Ion:240 Resp: 347895
Ion Ratio Lower Upper
240 100
120 9.2 7.0 10.6
236 25.4 21.0 31.4



#77
Benzidine
Concen: 1.244 ng
RT: 20.11 min Scan# 2898
Delta R.T. 0.36 min
Lab File: BG039828.D
Acq: 8 Mar 2019 19:34

Tgt Ion:184 Resp: 13736
Ion Ratio Lower Upper
184 100
185 17.3 12.2 18.2
183 9.1 10.6 15.8#





#78

Pvrene

Concen: 0.137 ng

RT: 20.11 min Scan# 2898

Delta R.T. 0.17 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

Instrument :

BNA_G

ClientSampleId :

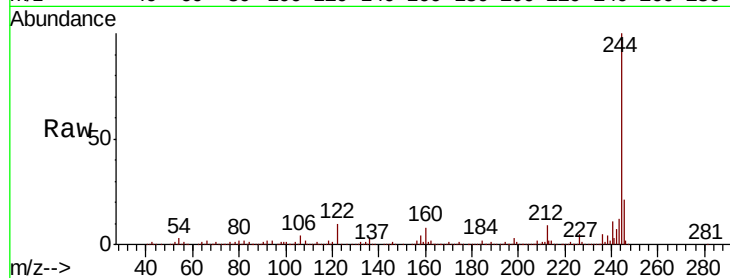
Tot Ion:202 Resp: 3087

Ion Ratio Lower Upper

202 100

200 47.6 17.8 26.8#

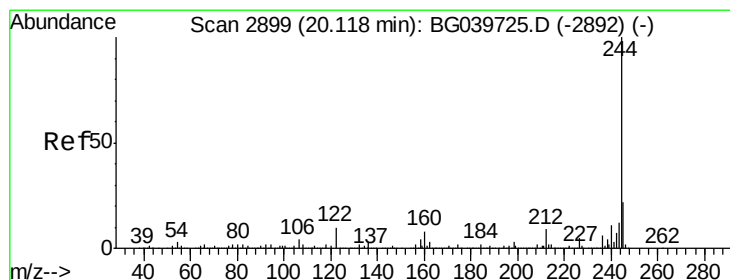
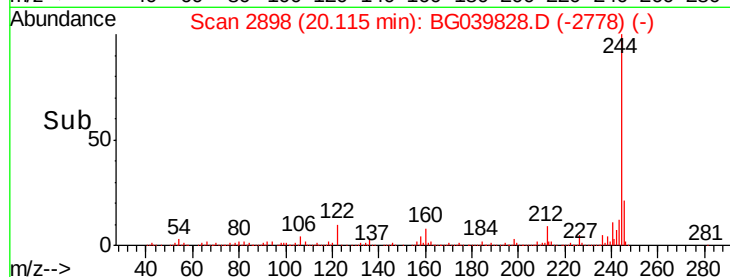
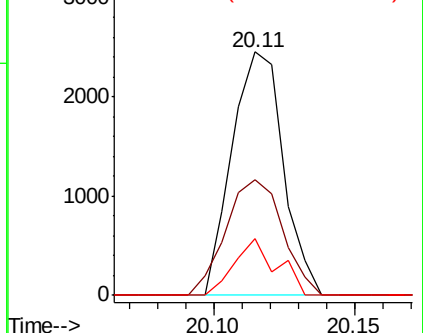
203 23.4 15.3 22.9#



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: 56.339 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

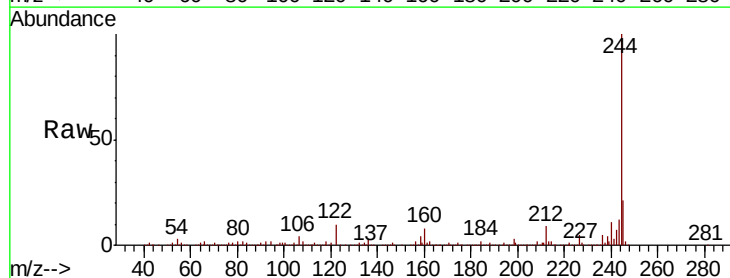
Tgt Ion:244 Resp: 890176

Ion Ratio Lower Upper

244 100

212 8.6 7.3 10.9

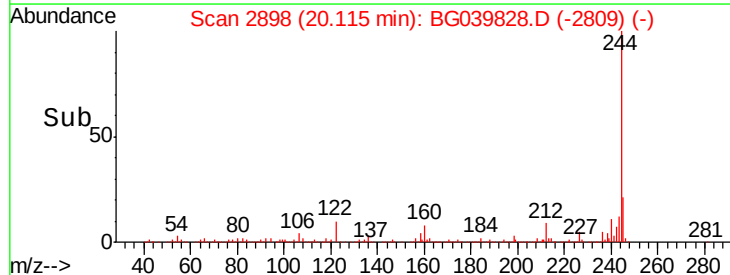
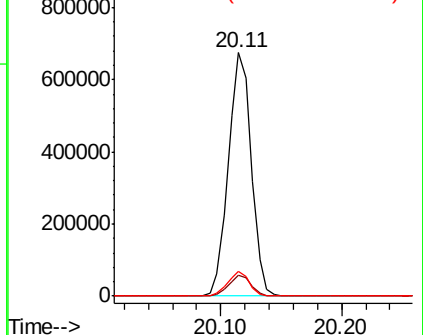
122 10.3 8.4 12.6

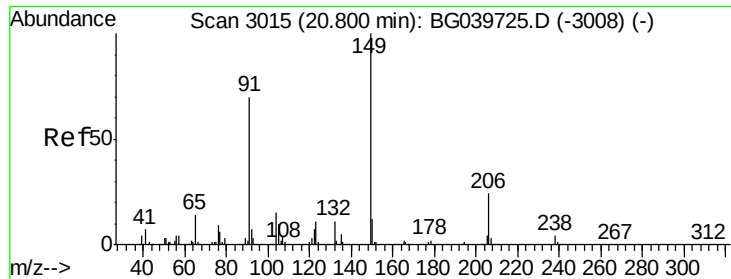


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

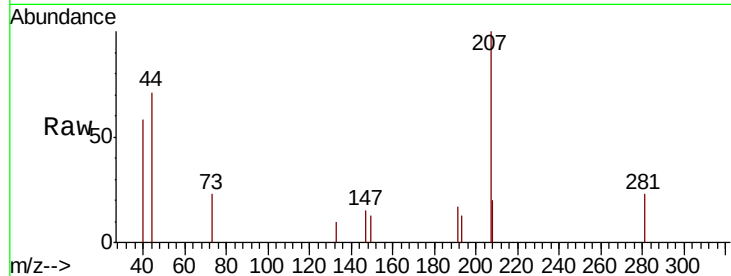




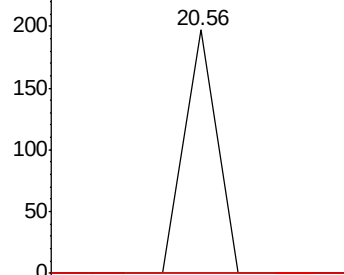
#80
Butylbenzylphthalate
Concen: 0.008 ng
RT: 20.56 min Scan# 2974
Delta R.T. -0.24 min
Lab File: BG039828.D
Acq: 8 Mar 2019 19:34

Instrument :
BNA_G
ClientSampled :

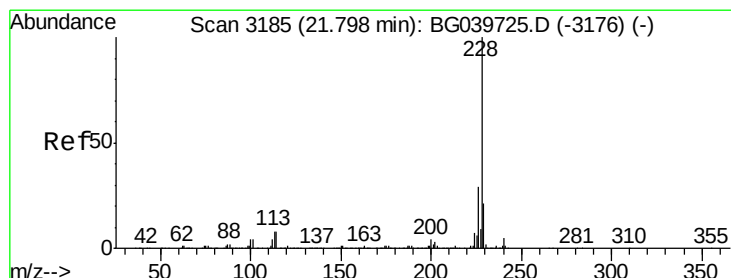
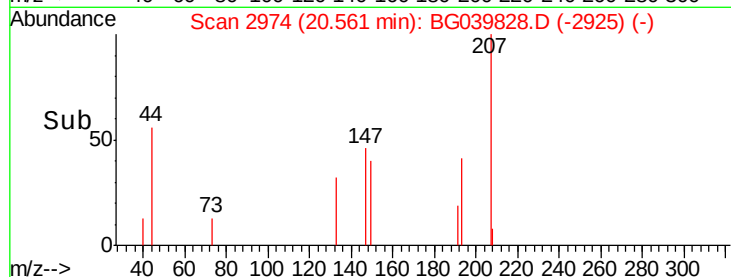
Tot Ion	Ratio	Lower	Upper
149	100		
91	0.0	59.5	89.3#
206	0.0	18.6	27.8#



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

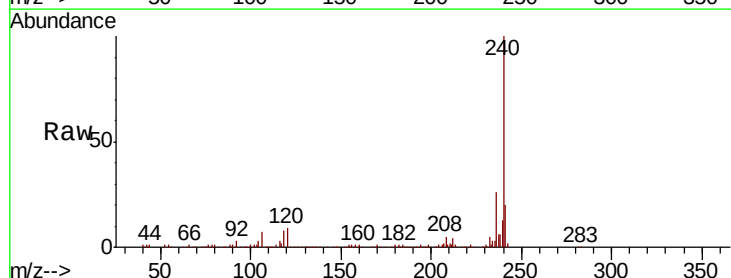


Time--> 20.54 20.56 20.58

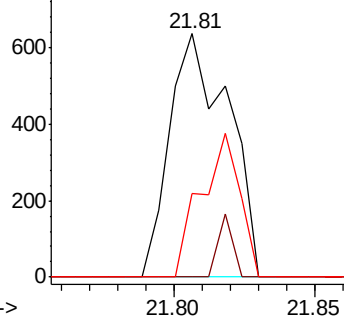


#81
Benzo(a)anthracene
Concen: 0.042 ng
RT: 21.81 min Scan# 3186
Delta R.T. 0.00 min
Lab File: BG039828.D
Acq: 8 Mar 2019 19:34

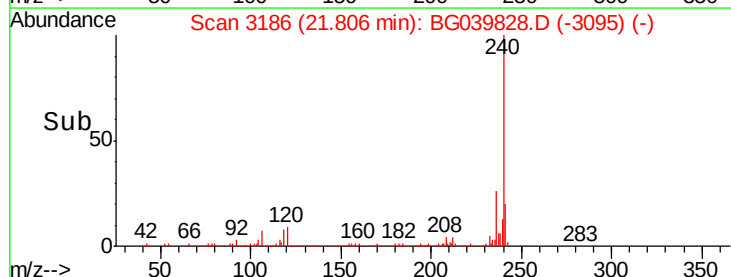
Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	34.4	16.9	25.3#

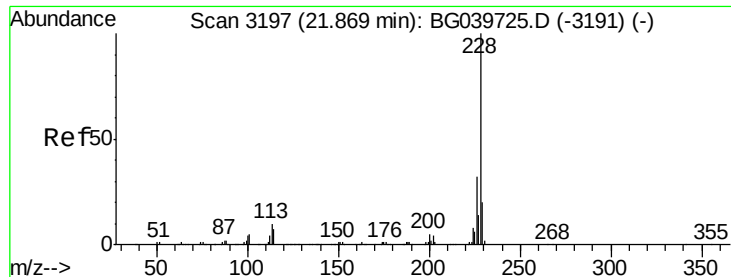


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time--> 21.80 21.85





#83

Chrysene

Concen: 0.043 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.07 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

Instrument :

BNA_G

ClientSampleId :

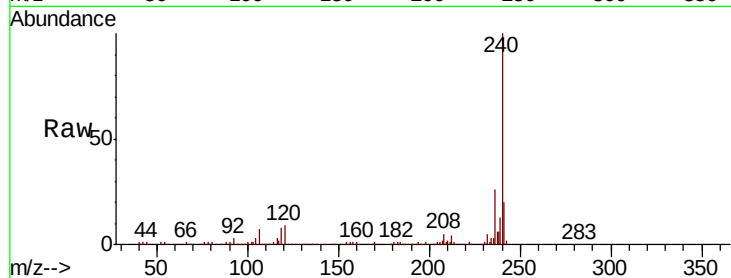
Tot Ion:228 Resp: 916

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

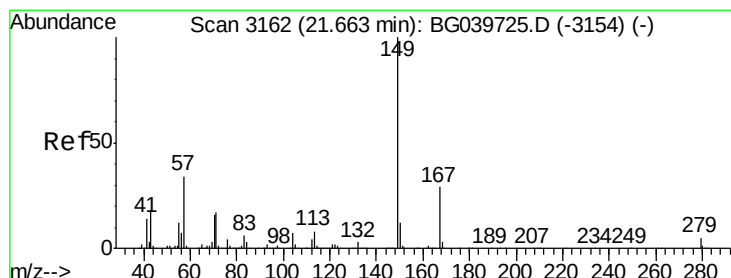
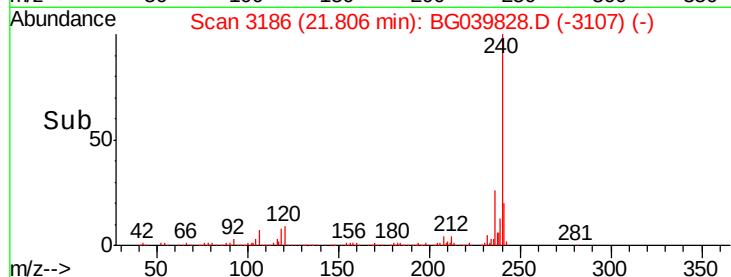
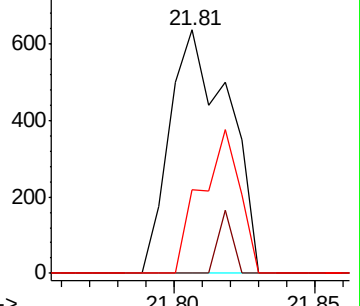
229 34.4 16.6 25.0#



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: 0.005 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

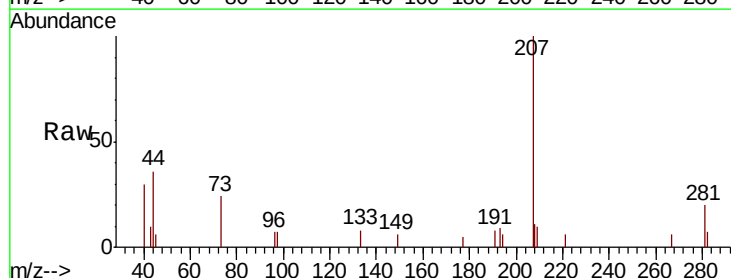
Tgt Ion:149 Resp: 56

Ion Ratio Lower Upper

149 100

167 0.0 22.6 34.0#

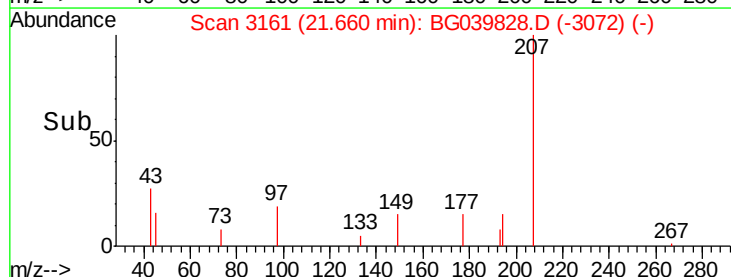
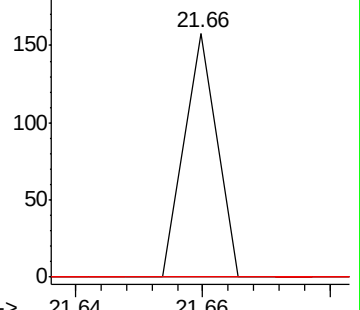
279 0.0 3.5 5.3#

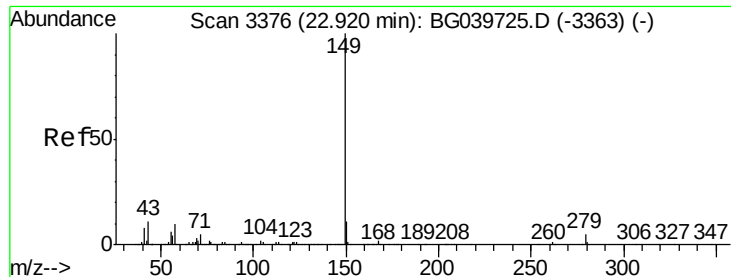


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.003 ng

RT: 22.90 min Scan# 3372

Delta R.T. -0.03 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

Instrument :

BNA_G

ClientSampled :

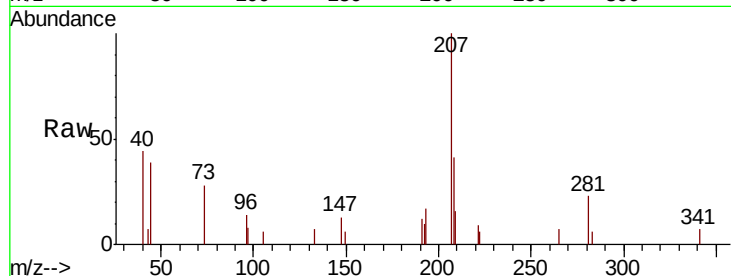
Tot Ion:149 Resp: 53

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

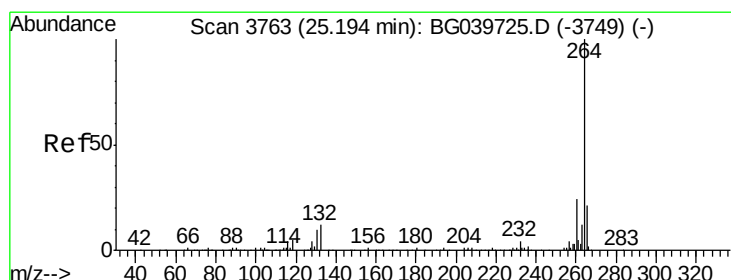
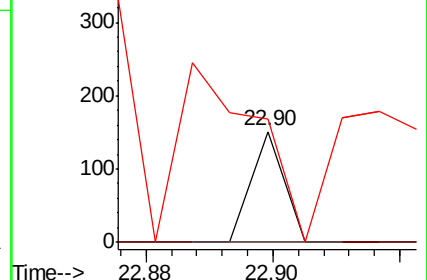
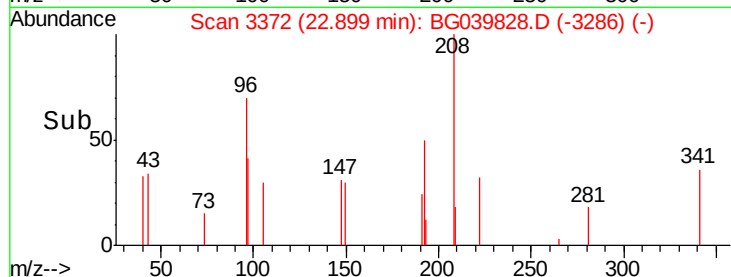
43 392.5 10.2 15.4#



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): BG0



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3760

Delta R.T. -0.02 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

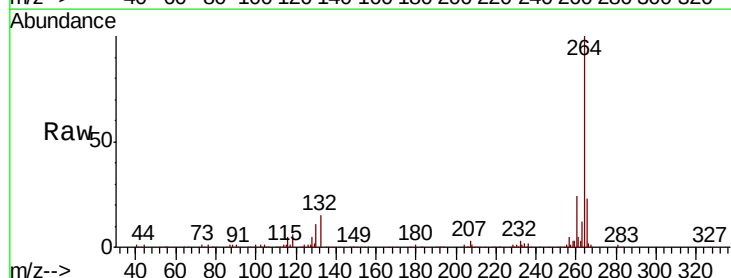
Tgt Ion:264 Resp: 337076

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

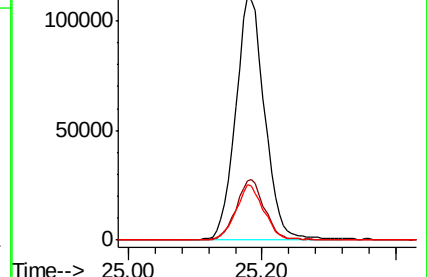
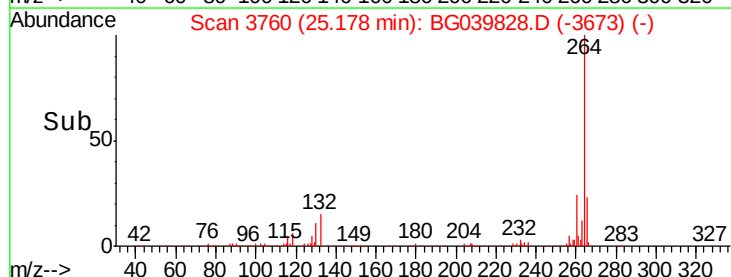
265 22.6 18.5 27.7

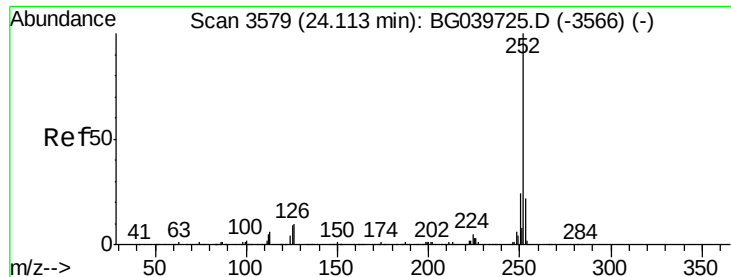


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

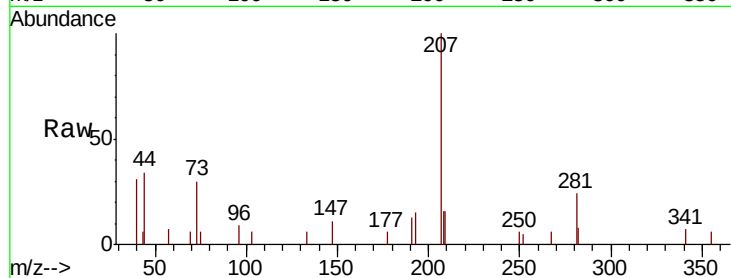




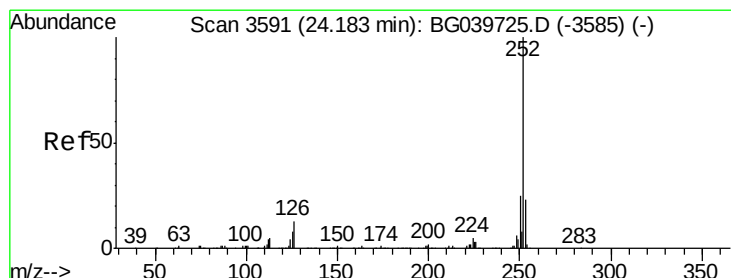
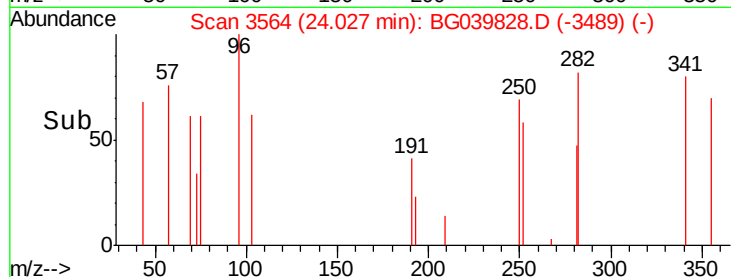
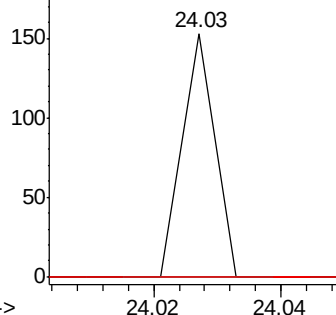
#88
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 24.03 min Scan# 3564
Delta R.T. -0.09 min
Lab File: BG039828.D
Acq: 8 Mar 2019 19:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 54
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.8#
125 0.0 7.8 11.6#

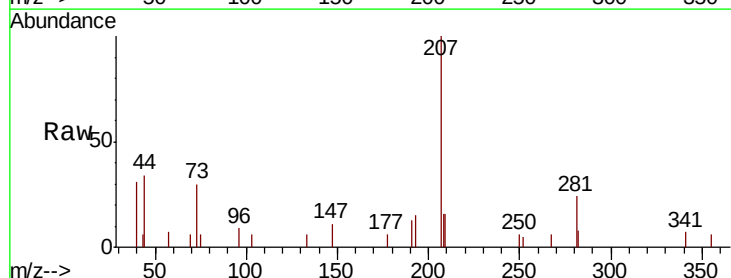


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

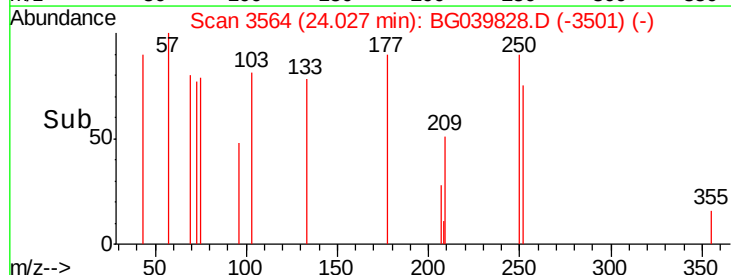
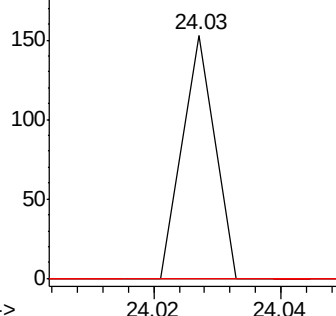


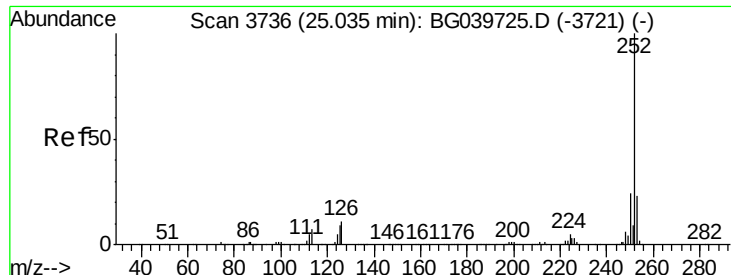
#89
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 24.03 min Scan# 3564
Delta R.T. -0.16 min
Lab File: BG039828.D
Acq: 8 Mar 2019 19:34

Tgt Ion:252 Resp: 54
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: 0.065 ng

RT: 25.19 min Scan# 3762

Delta R.T. 0.15 min

Lab File: BG039828.D

Acq: 8 Mar 2019 19:34

Instrument :

BNA_G

ClientSampleId :

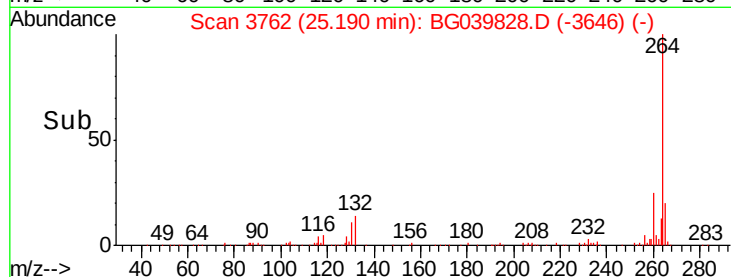
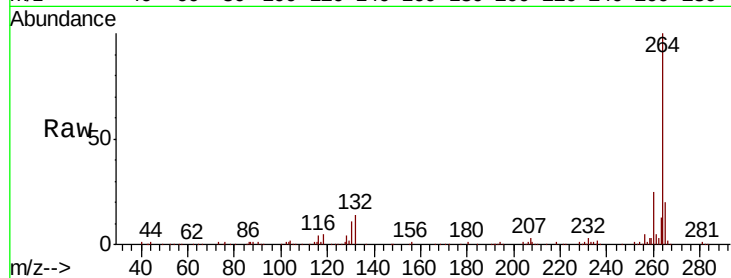
Tot Ion:252 Resp: 1205

Ion Ratio Lower Upper

252 100

253 36.2 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

