

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031119\
 Data File : BG039839.D
 Acq On : 11 Mar 2019 13:16
 Operator : JU/SJ
 Sample : PB117734BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117734BL

Quant Time: Mar 12 03:34:25 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

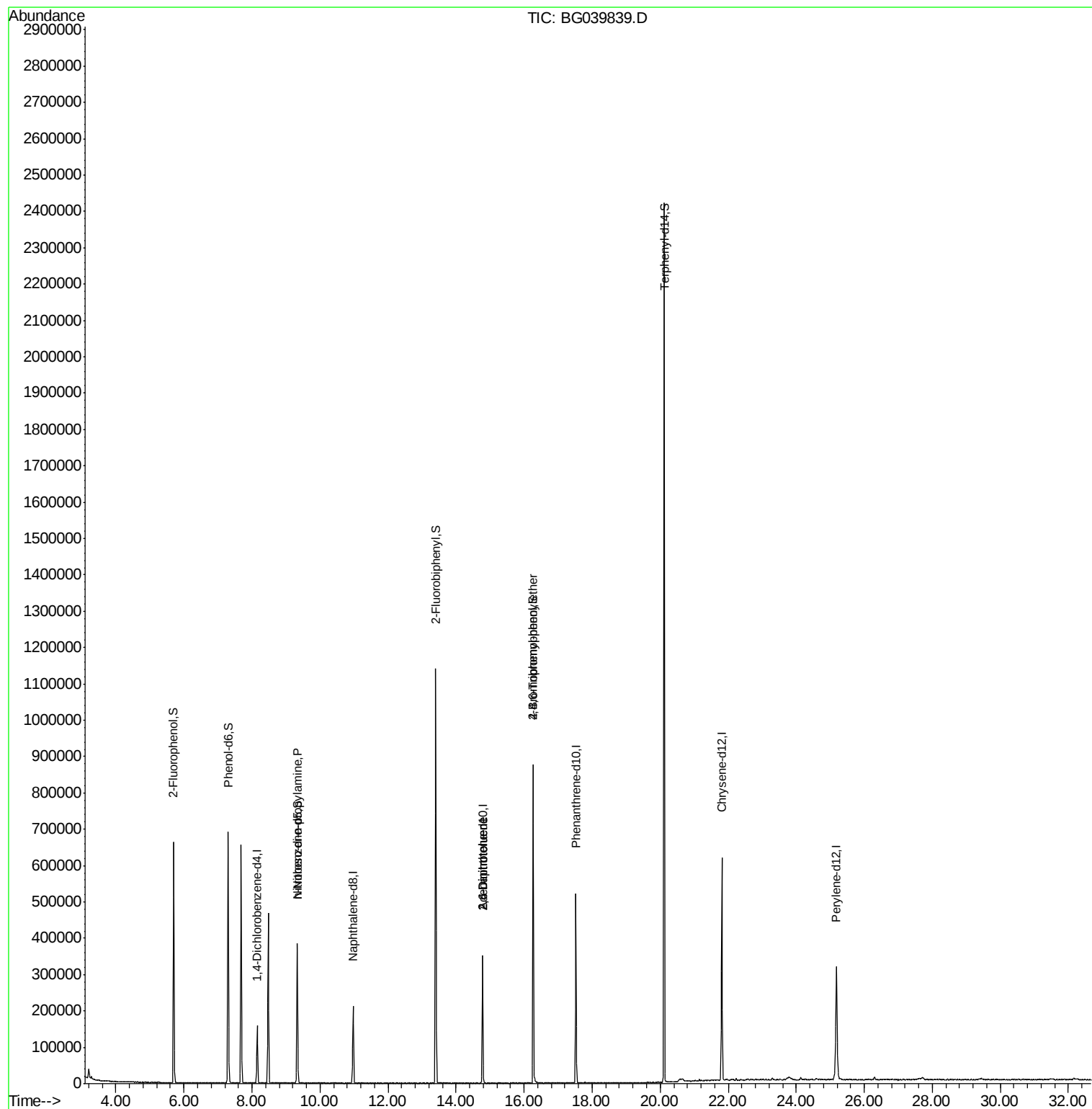
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	42704	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	183727	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	124643	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	329304	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	376276	20.00	ng	-0.02
87) Perylene-d12	25.18	264	362915	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	278330	111.19	ng	-0.01
7) Phenol-d6	7.30	99	396401	106.21	ng	-0.01
23) Nitrobenzene-d5	9.33	82	229414	67.53	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	154206	106.14	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	599705	68.51	ng	-0.01
79) Terphenyl-d14	20.12	244	1117164	65.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.33	70	29314	10.912	ng	# 65
51) 2,6-Dinitrotoluene	14.78	165	15376	6.959	ng	# 25
57) 2,4-Dinitrotoluene	14.78	165	15376	4.953	ng	# 20
67) 4-Bromophenyl-phenylether	16.26	248	11848	3.214	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031119\
Data File : BG039839.D
Acq On : 11 Mar 2019 13:16
Operator : JU/SJ
Sample : PB117734BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117734BL

Quant Time: Mar 12 03:34:25 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



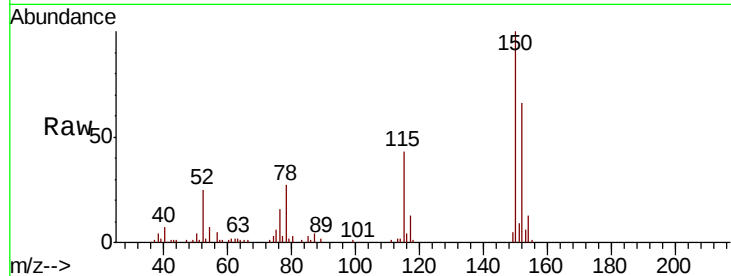


#1

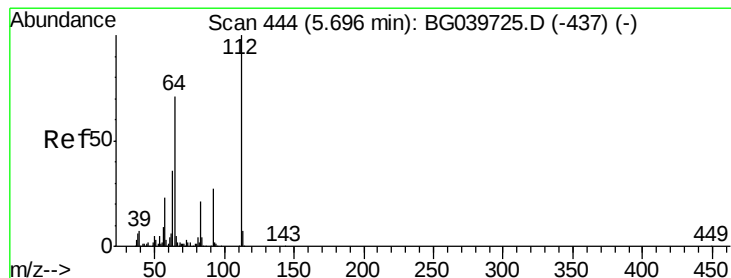
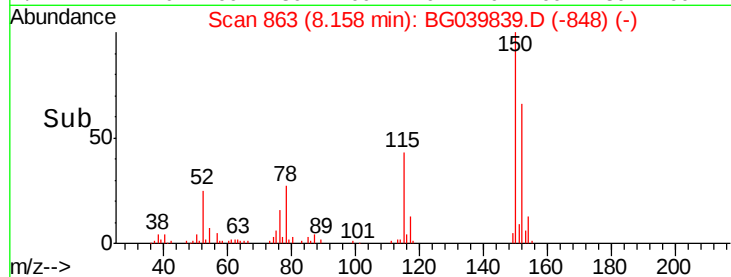
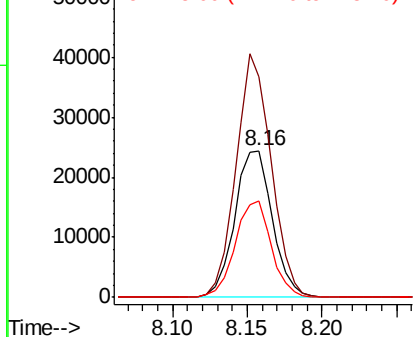
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039839.D
Acq: 11 Mar 2019 13:16

Instrument :
BNA_G
ClientSampleId :
PB117734BL

Tgt Ion:152 Resp: 42704
Ion Ratio Lower Upper
152 100
150 150.7 123.7 185.5
115 65.3 45.9 68.9



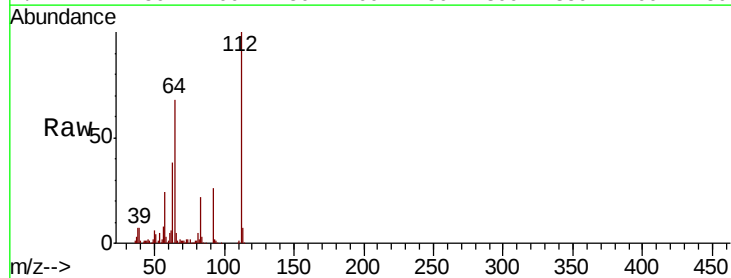
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



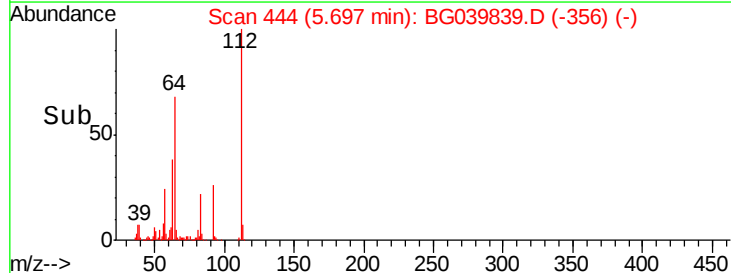
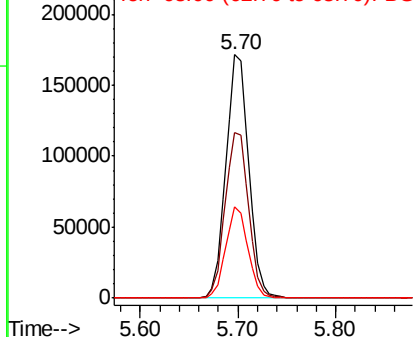
#5

2-Fluorophenol
Concen: 111.192 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039839.D
Acq: 11 Mar 2019 13:16

Tgt Ion:112 Resp: 278330
Ion Ratio Lower Upper
112 100
64 67.9 57.8 86.8
63 37.5 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 106.207 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039839.D

Acq: 11 Mar 2019 13:16

Instrument :

BNA_G

ClientSampleId :

PB117734BL

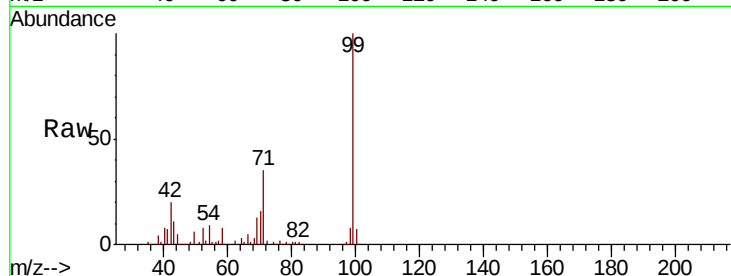
Tgt Ion: 99 Resp: 396401

Ion Ratio Lower Upper

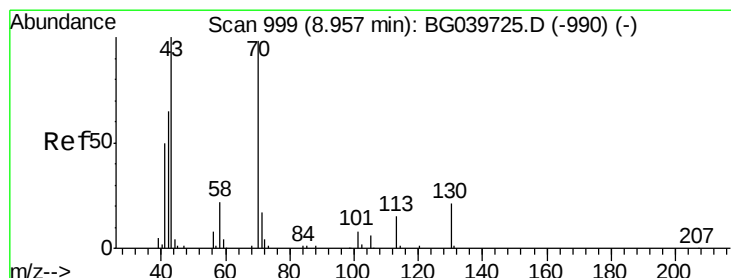
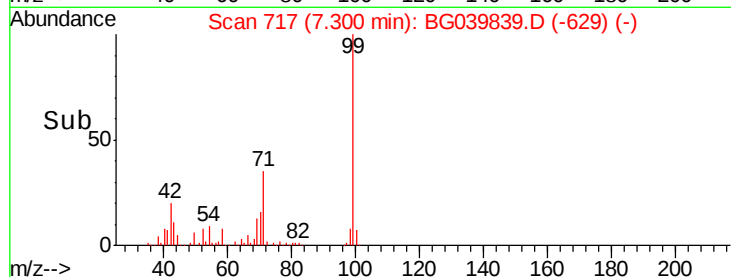
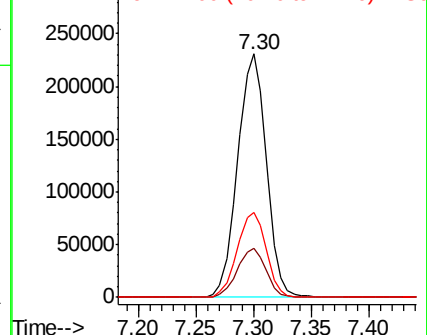
99 100

42 20.3 18.2 27.2

71 34.7 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



#19

n-Nitroso-di-n-propylamine

Concen: 10.912 ng

RT: 9.33 min Scan# 1063

Delta R.T. 0.36 min

Lab File: BG039839.D

Acq: 11 Mar 2019 13:16

Tgt Ion: 70 Resp: 29314

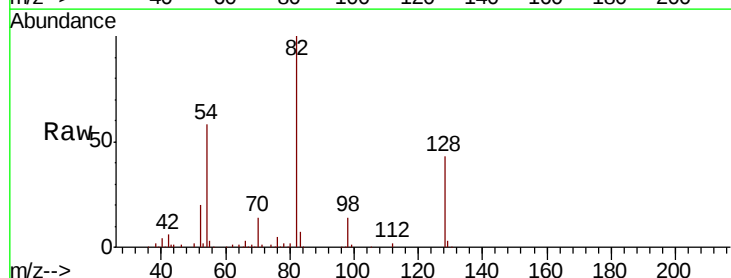
Ion Ratio Lower Upper

70 100

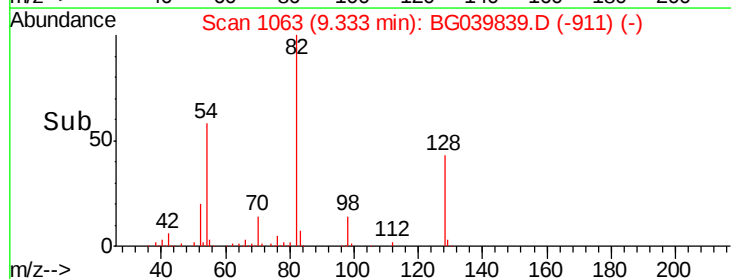
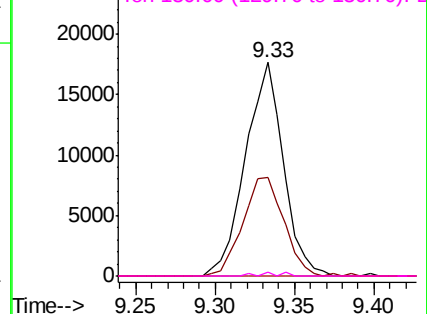
42 46.1 60.4 90.6#

101 0.0 7.5 11.3#

130 2.0 16.9 25.3#



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

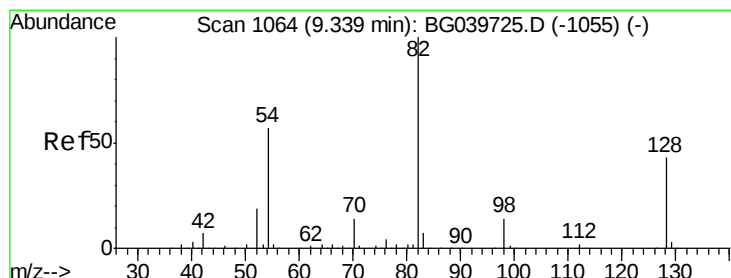
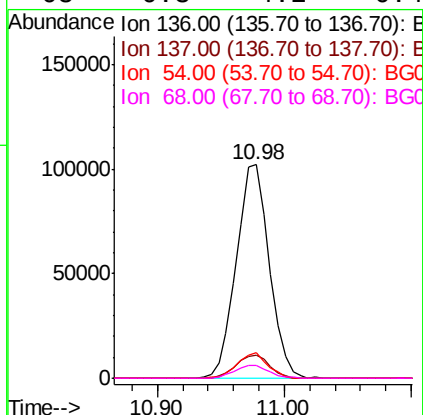
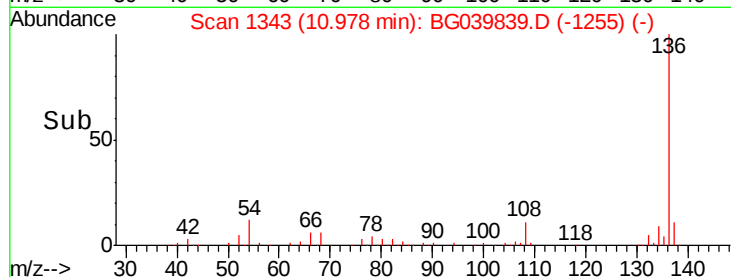
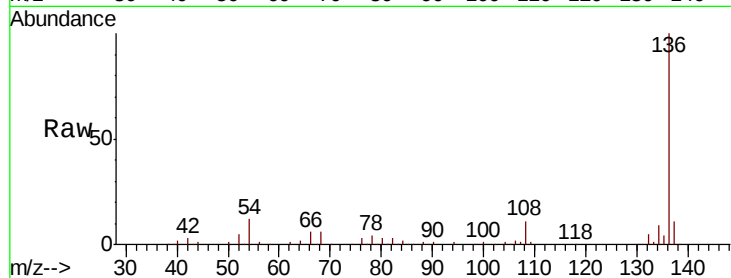




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039839.D
Acq: 11 Mar 2019 13:16

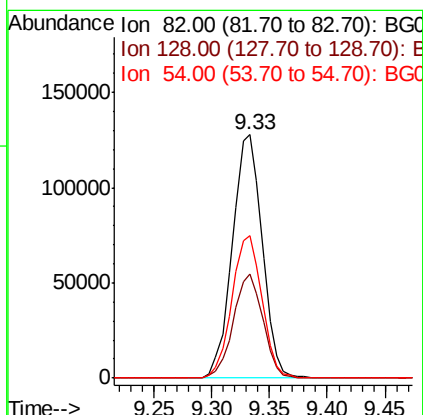
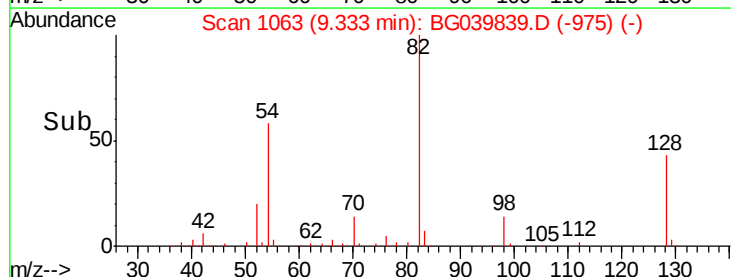
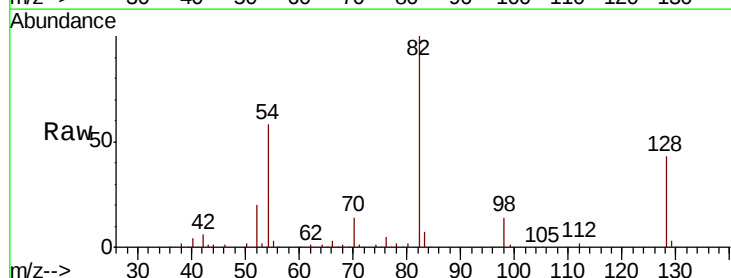
Instrument :
BNA_G
ClientSampleId :
PB117734BL

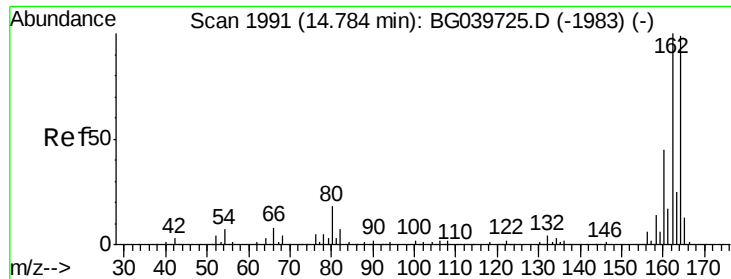
Tgt Ion:	136	Resp:	183727
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	12.0	9.4	14.2
68	6.3	4.2	6.4



#23
Nitrobenzene-d5
Concen: 67.533 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039839.D
Acq: 11 Mar 2019 13:16

Tgt Ion:	82	Resp:	229414
Ion	Ratio	Lower	Upper
82	100		
128	42.8	31.3	46.9
54	58.5	50.9	76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039839.D

Acq: 11 Mar 2019 13:16

Instrument :

BNA_G

ClientSampleId :

PB117734BL

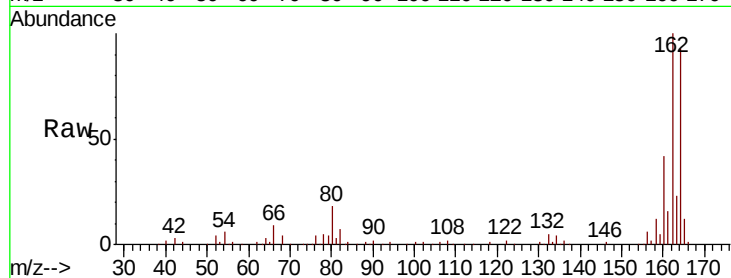
Tgt Ion:164 Resp: 124643

Ion Ratio Lower Upper

164 100

162 107.3 81.6 122.4

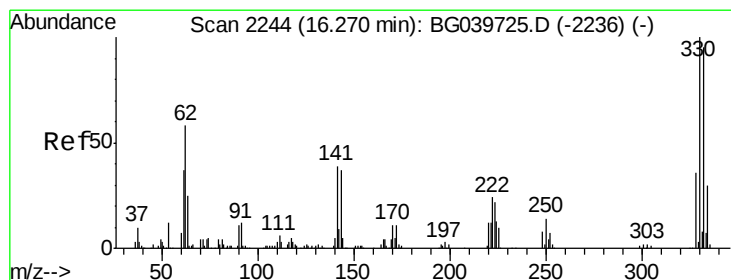
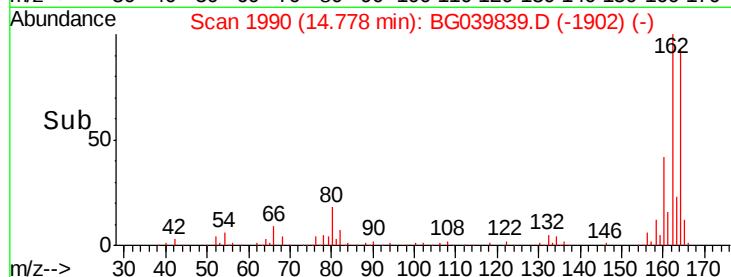
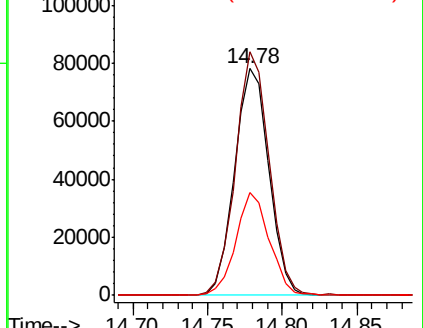
160 45.6 34.2 51.2



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: 106.144 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039839.D

Acq: 11 Mar 2019 13:16

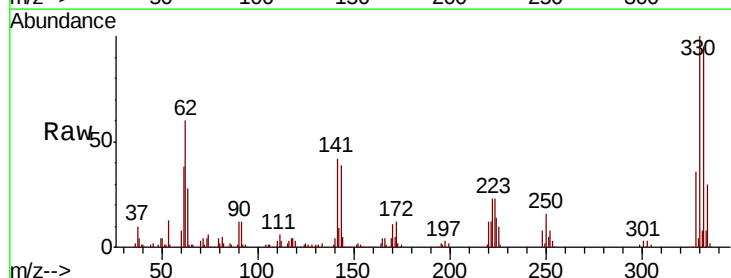
Tgt Ion:330 Resp: 154206

Ion Ratio Lower Upper

330 100

332 96.7 75.7 113.5

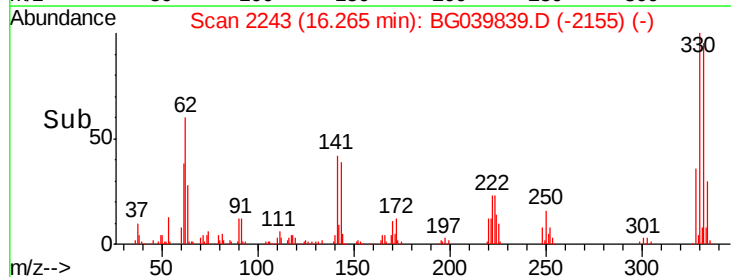
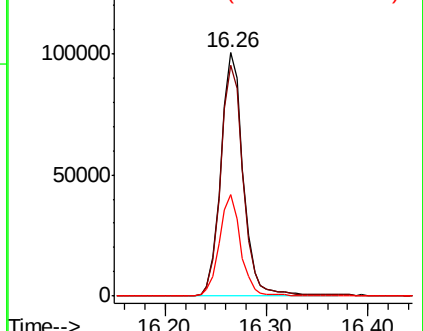
141 39.9 35.6 53.4



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

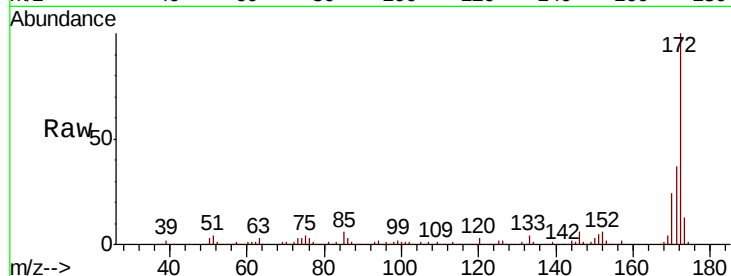




#45
 2-Fluorobiphenyl
 Concen: 68.506 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039839.D
 Acq: 11 Mar 2019 13:16

Instrument :
 BNA_G
 ClientSampleId :
 PB117734BL

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.8	46.2
170	23.8	20.2	30.4

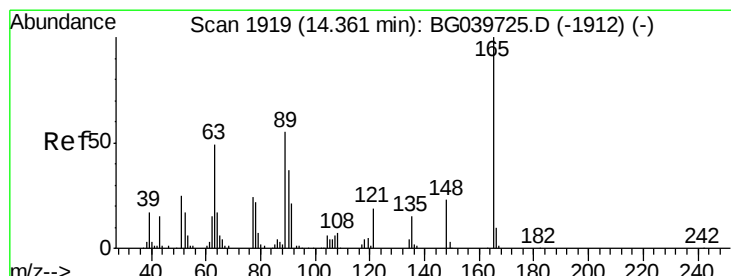
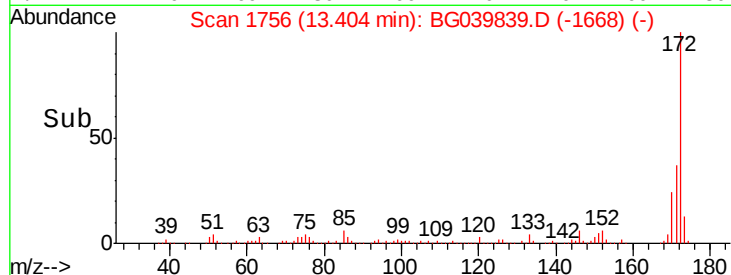
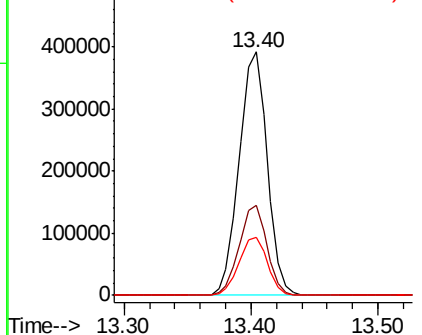


Abundance

Ion 172.00 (171.70 to 172.70): E

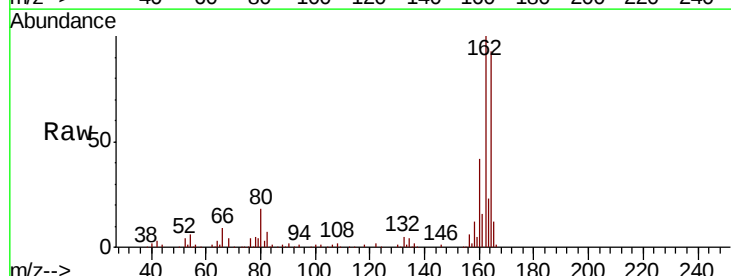
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#51
 2,6-Dinitrotoluene
 Concen: 6.959 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.41 min
 Lab File: BG039839.D
 Acq: 11 Mar 2019 13:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	47.0	70.6#
89	2.1	45.8	68.8#

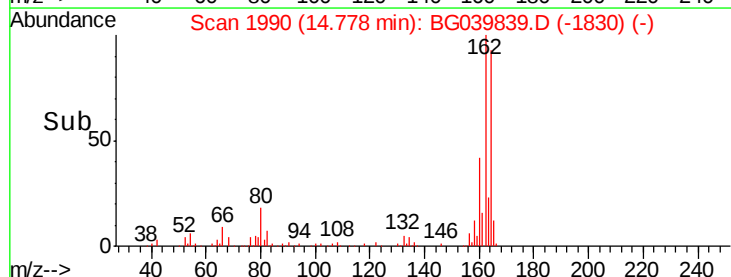
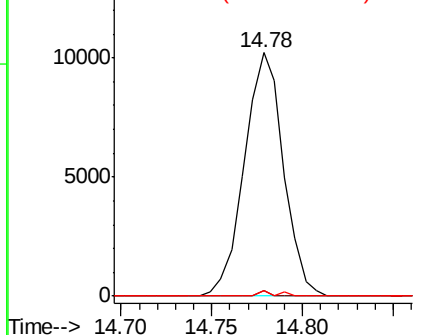


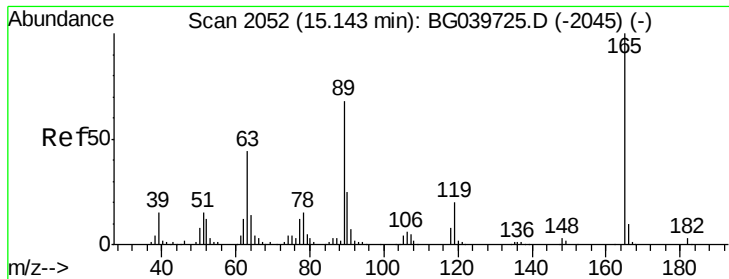
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#57

2,4-Dinitrotoluene

Concen: 4.953 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.37 min

Lab File: BG039839.D

Acq: 11 Mar 2019 13:16

Instrument :

BNA_G

ClientSampleId :

PB117734BL

Tgt Ion:165 Resp: 15376

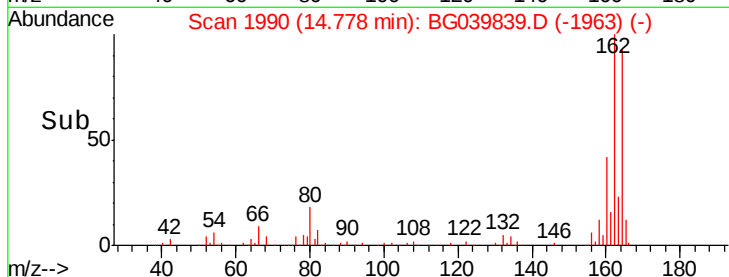
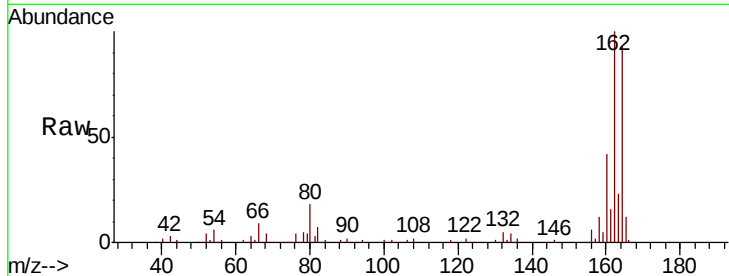
Ion Ratio Lower Upper

165 100

63 2.2 41.0 61.6#

89 2.1 64.6 96.8#

182 0.0 2.0 3.0#

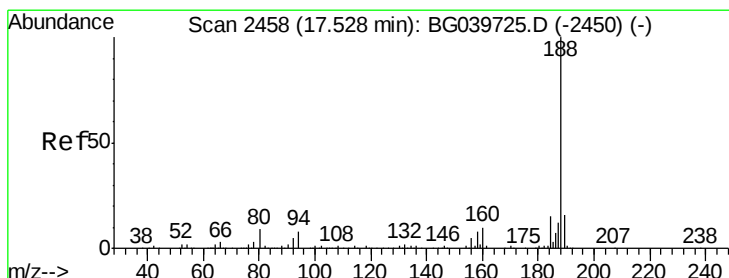
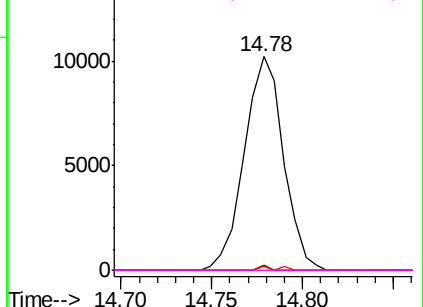


Abundance Ion 165.00 (164.70 to 165.70): E

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG039839.D

Acq: 11 Mar 2019 13:16

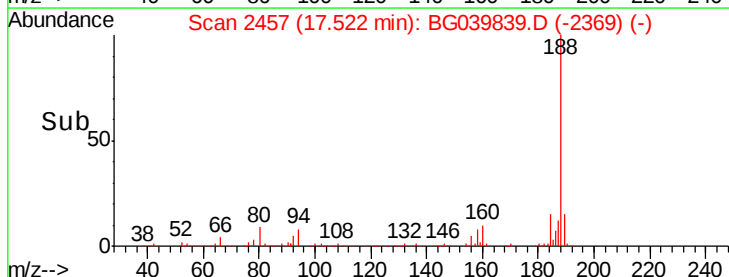
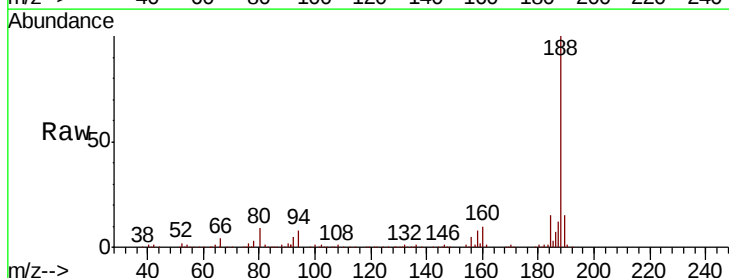
Tgt Ion:188 Resp: 329304

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

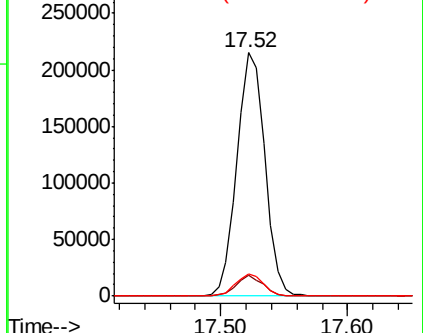
80 9.3 8.1 12.1

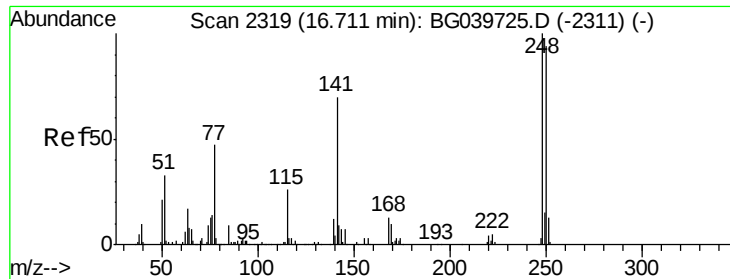


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

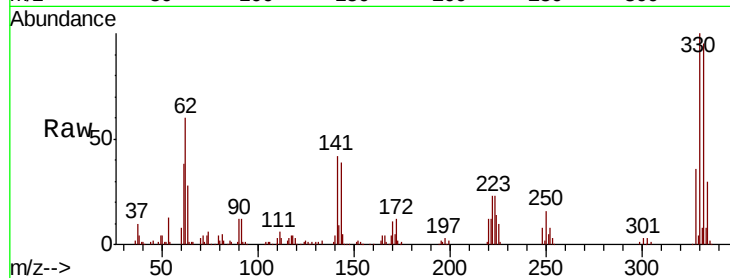




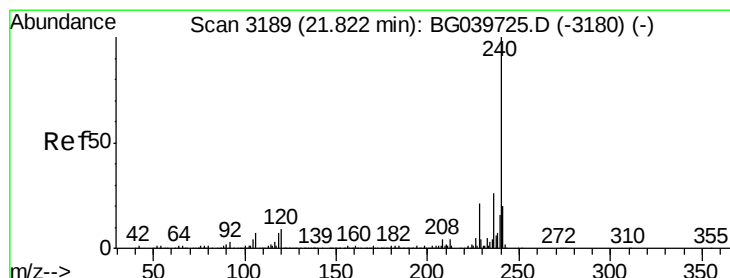
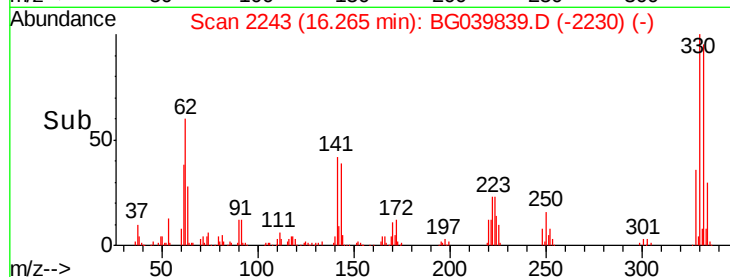
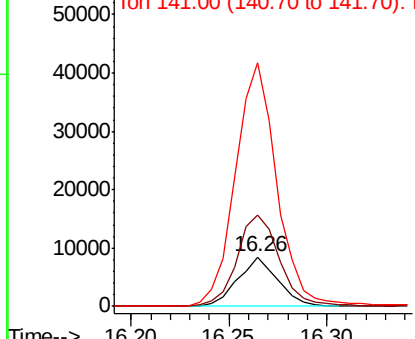
#67
 4-Bromophenyl-phenylether
 Concen: 3.214 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. -0.45 min
 Lab File: BG039839.D
 Acq: 11 Mar 2019 13:16

Instrument :
 BNA_G
 ClientSampleId :
 PB117734BL

Tgt Ion:248 Resp: 11848
 Ion Ratio Lower Upper
 248 100
 250 183.7 77.6 116.4#
 141 490.0 63.9 95.9#

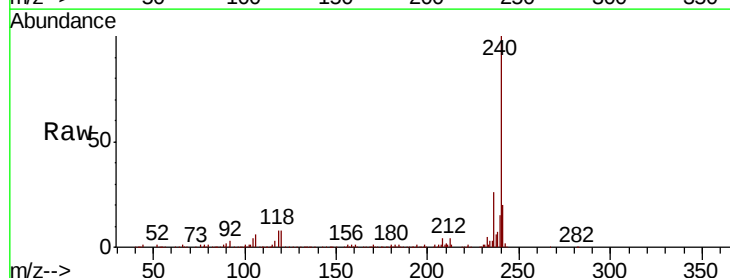


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

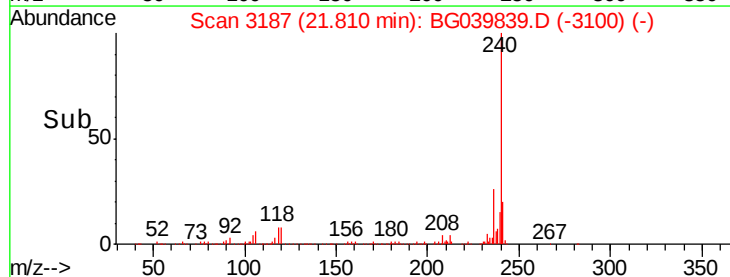
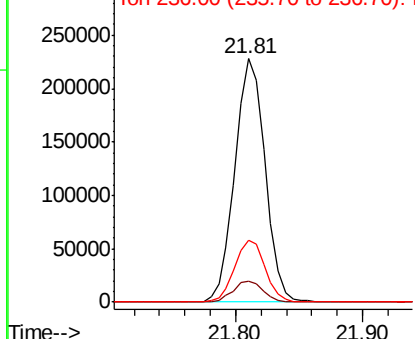


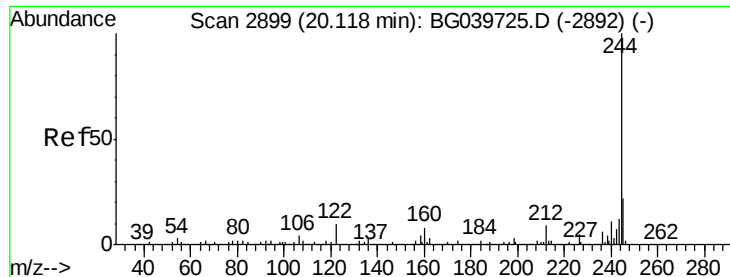
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.81 min Scan# 3187
 Delta R.T. -0.02 min
 Lab File: BG039839.D
 Acq: 11 Mar 2019 13:16

Tgt Ion:240 Resp: 376276
 Ion Ratio Lower Upper
 240 100
 120 8.4 7.0 10.6
 236 25.6 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 65.372 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039839.D

Acq: 11 Mar 2019 13:16

Instrument :

BNA_G

ClientSampled :

PB117734BL

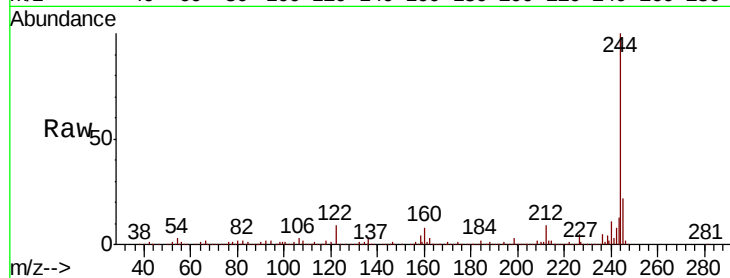
Tgt Ion:244 Resp: 1117164

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

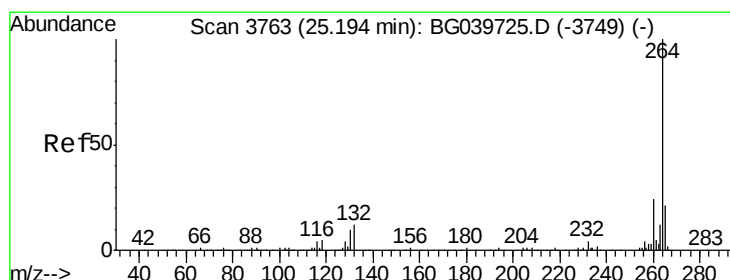
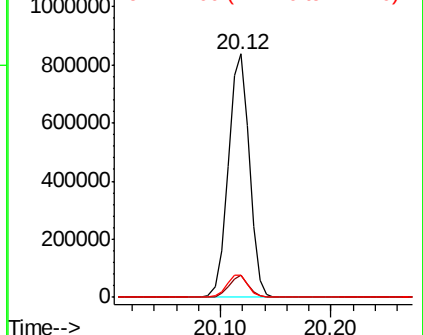
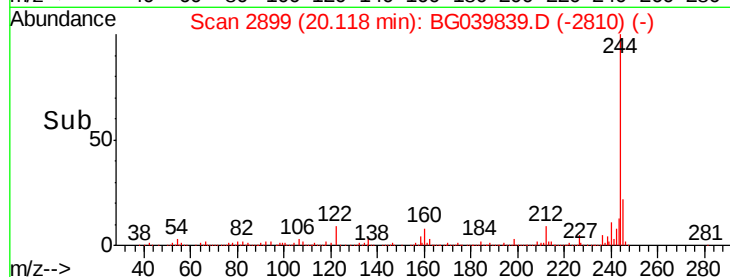
122 9.3 8.4 12.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3761

Delta R.T. -0.02 min

Lab File: BG039839.D

Acq: 11 Mar 2019 13:16

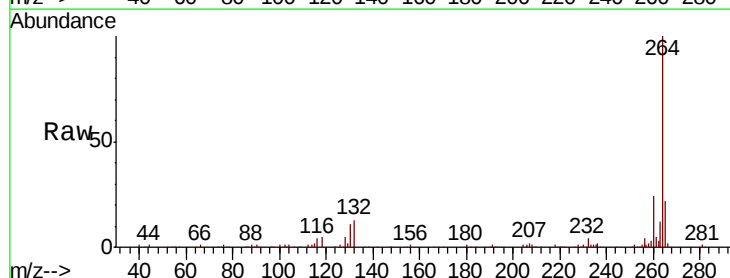
Tgt Ion:264 Resp: 362915

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 21.8 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

