

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039736.D
 Acq On : 4 Mar 2019 18:11
 Operator : JU/SJ
 Sample : PB117567BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117567BL

Quant Time: Mar 05 06:42:27 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	38539	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	161028	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	108597	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	290251	20.00	ng	0.00
76) Chrysene-d12	21.82	240	325209	20.00	ng	-0.01
87) Perylene-d12	25.19	264	317542	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	304401	134.75	ng	0.00
7) Phenol-d6	7.30	99	435047	129.16	ng	-0.01
23) Nitrobenzene-d5	9.33	82	245978	82.62	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	166373	131.44	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	647674	84.92	ng	-0.01
79) Terphenyl-d14	20.12	244	1206457	81.68	ng	0.00

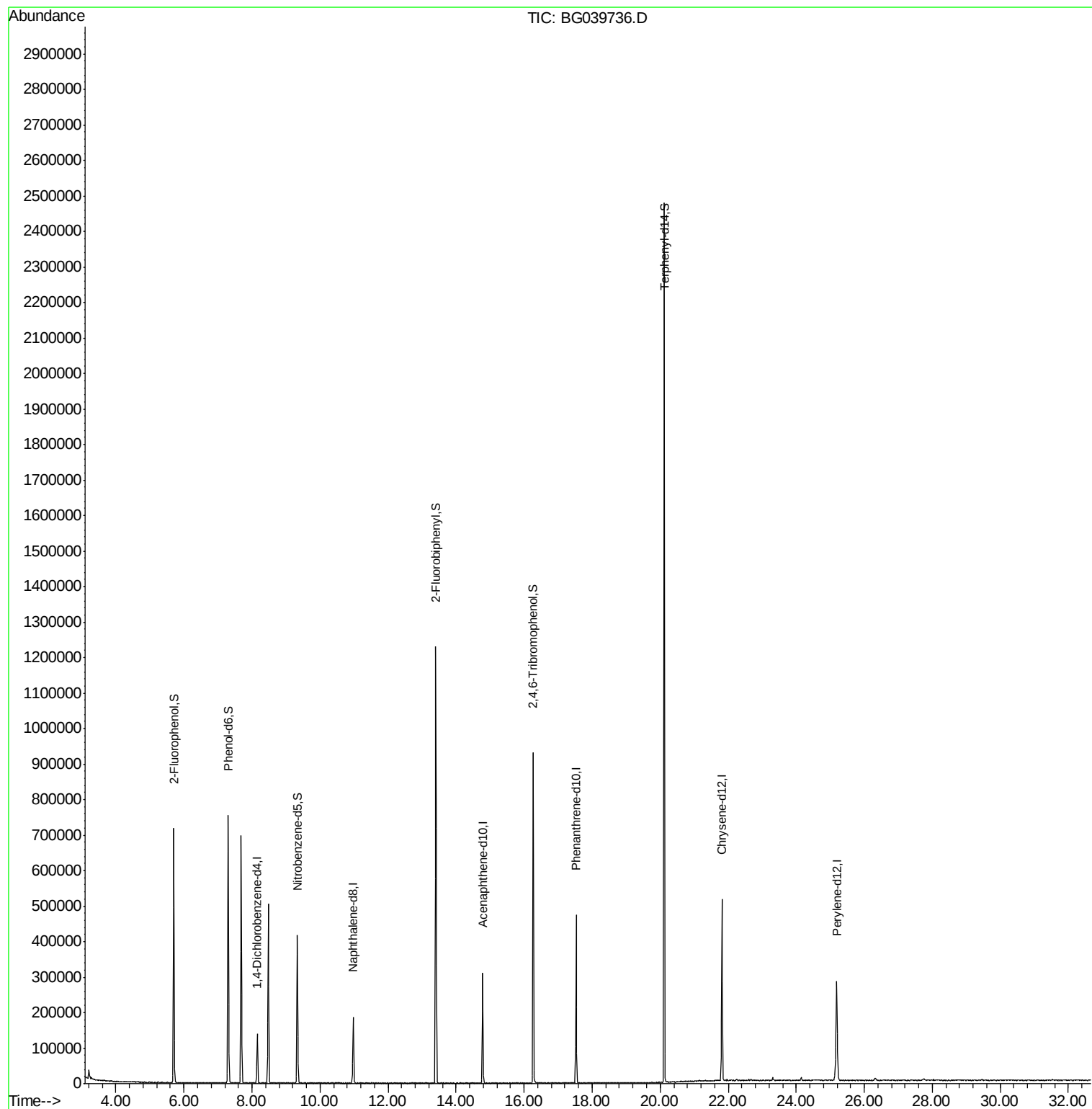
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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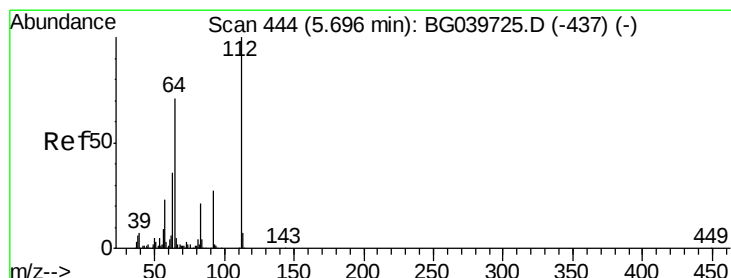
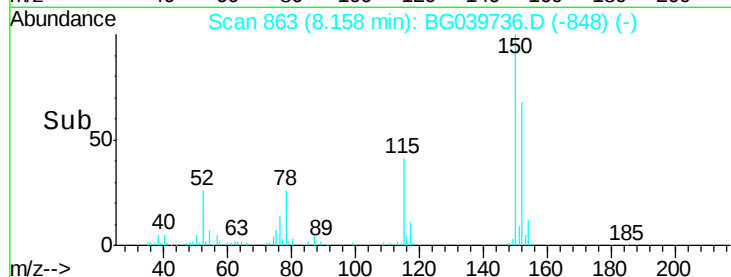
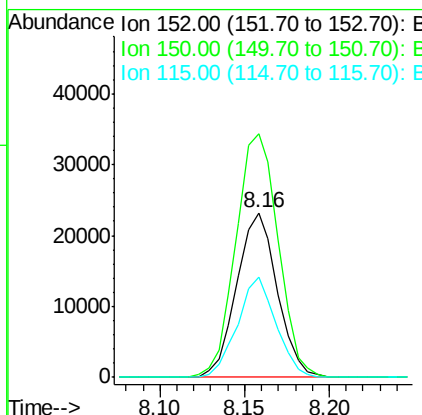
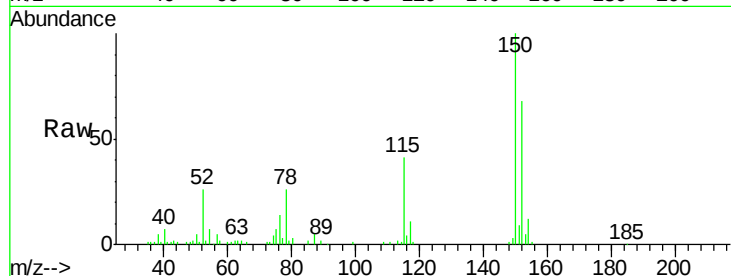


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039736.D
Acq: 4 Mar 2019 18:11

Instrument :
BNA_G
ClientSampleId :
PB117567BL

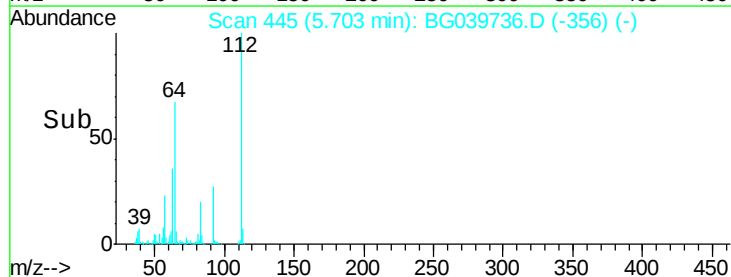
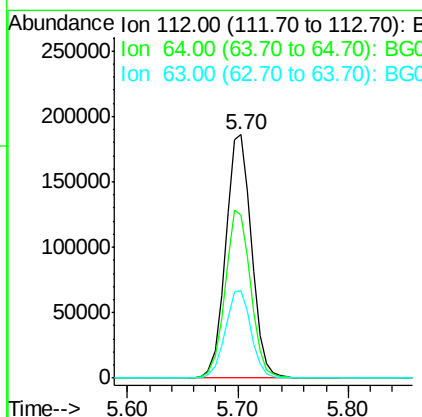
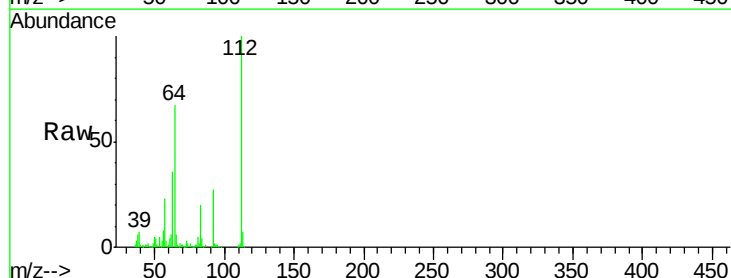
Tgt Ion:152 Resp: 38539
Ion Ratio Lower Upper
152 100
150 148.0 123.7 185.5
115 60.6 45.9 68.9



#5

2-Fluorophenol
Concen: 134.749 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039736.D
Acq: 4 Mar 2019 18:11

Tgt Ion:112 Resp: 304401
Ion Ratio Lower Upper
112 100
64 67.1 57.8 86.8
63 36.0 29.8 44.6





#7

Phenol-d6

Concen: 129.158 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039736.D

Acq: 4 Mar 2019 18:11

Instrument :

BNA_G

ClientSampleId :

PB117567BL

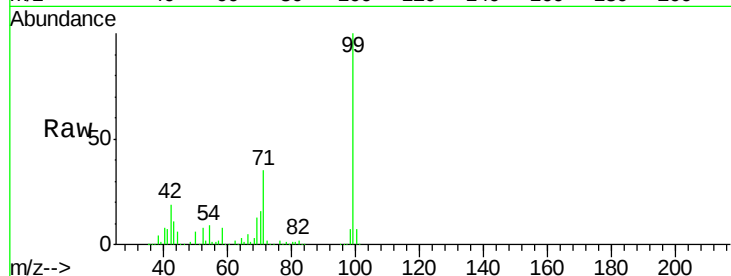
Tgt Ion: 99 Resp: 435047

Ion Ratio Lower Upper

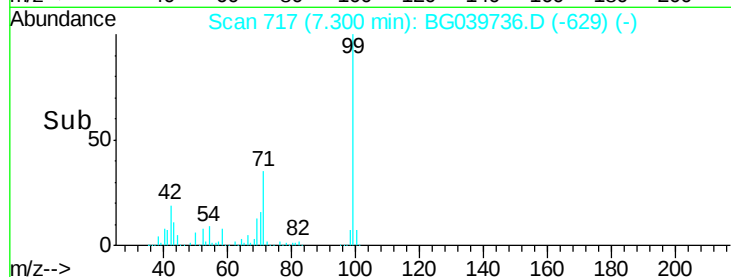
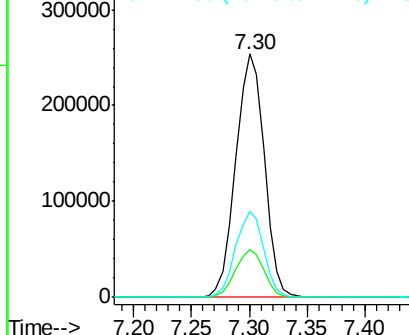
99 100

42 19.4 18.2 27.2

71 35.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BG039736.D

Acq: 4 Mar 2019 18:11

Tgt Ion: 136 Resp: 161028

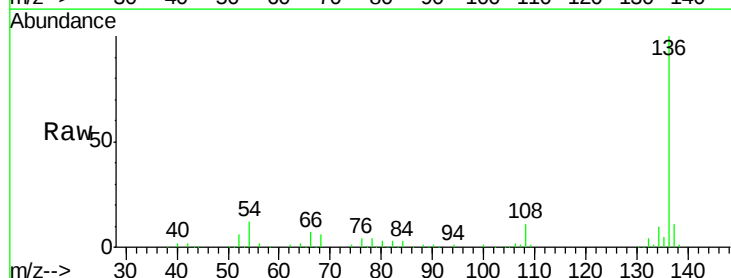
Ion Ratio Lower Upper

136 100

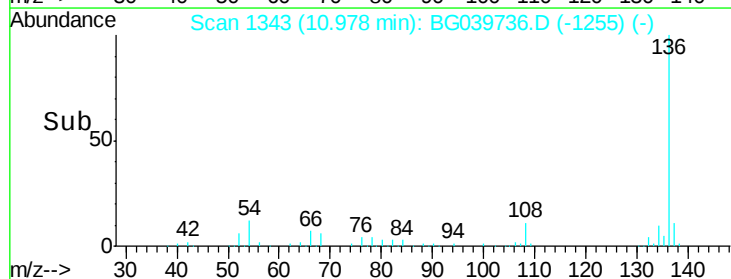
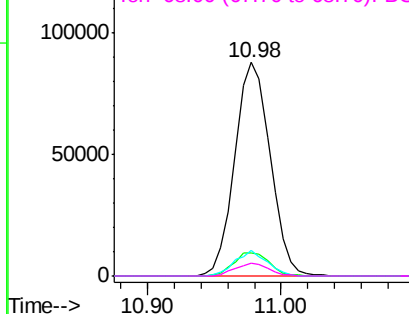
137 10.8 9.1 13.7

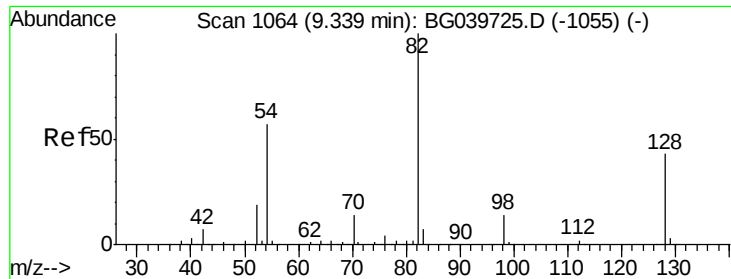
54 11.9 9.4 14.2

68 6.2 4.2 6.4



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

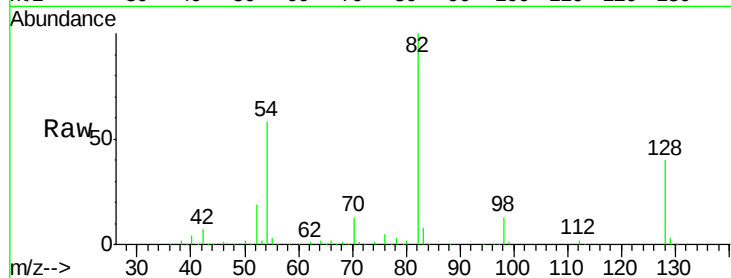




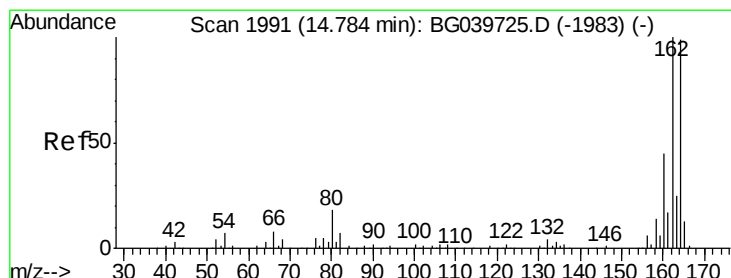
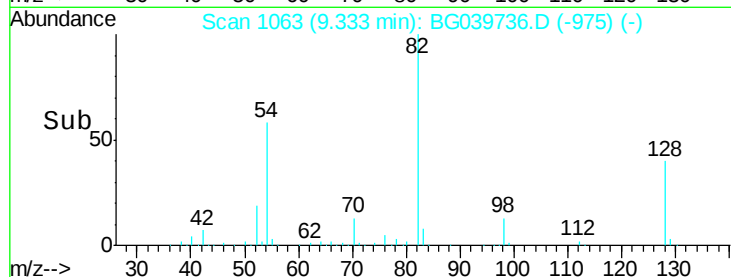
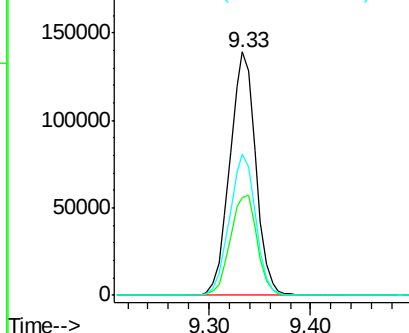
#23
Nitrobenzene-d5
Concen: 82.616 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039736.D
Acq: 4 Mar 2019 18:11

Instrument :
BNA_G
ClientSampleId :
PB117567BL

Tgt Ion: 82 Resp: 245978
Ion Ratio Lower Upper
82 100
128 40.3 31.3 46.9
54 57.7 50.9 76.3

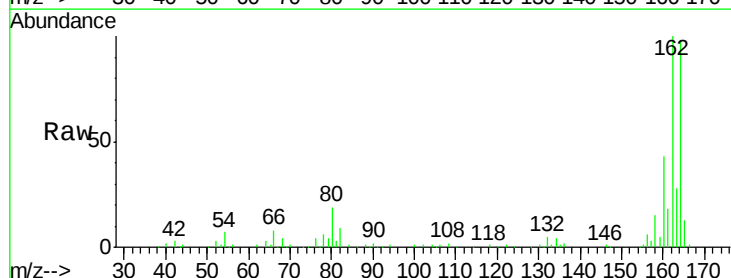


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

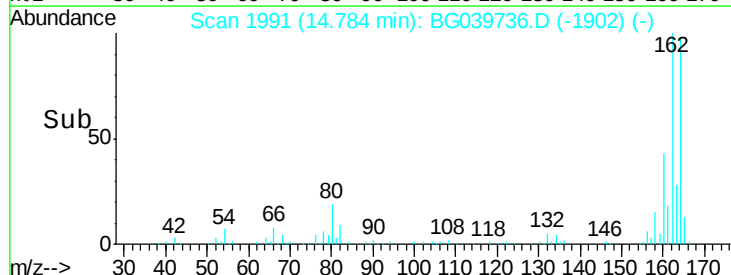
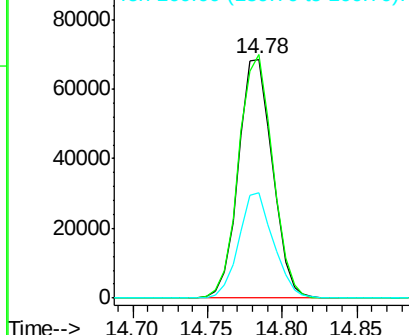


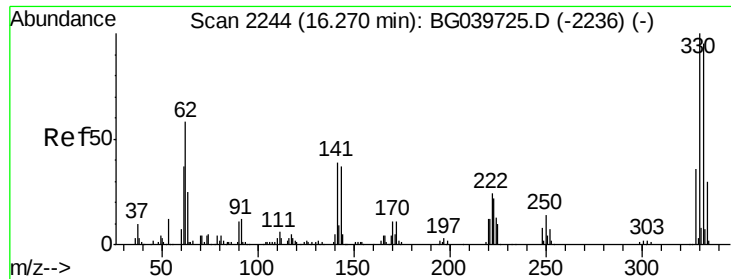
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG039736.D
Acq: 4 Mar 2019 18:11

Tgt Ion: 164 Resp: 108597
Ion Ratio Lower Upper
164 100
162 101.9 81.6 122.4
160 43.9 34.2 51.2



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

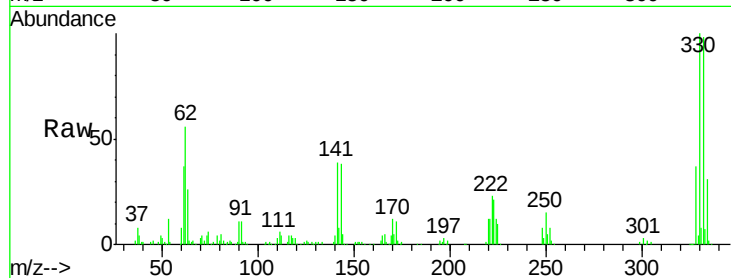




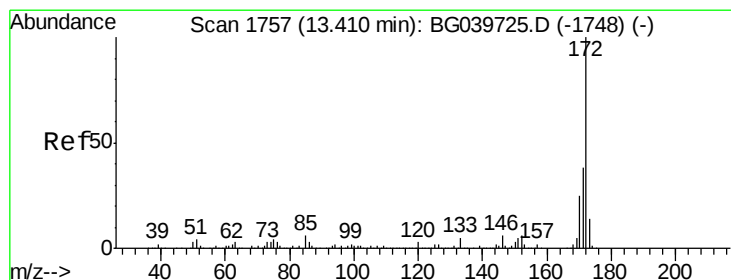
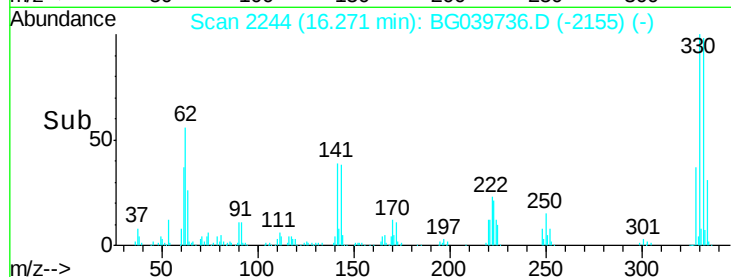
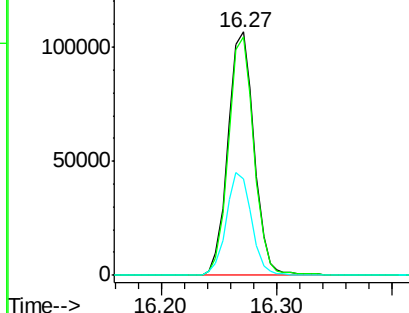
#42
 2,4,6-Tribromophenol
 Concen: 131.439 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BG039736.D
 Acq: 4 Mar 2019 18:11

Instrument :
 BNA_G
 ClientSampleId :
 PB117567BL

Tgt Ion:330 Resp: 166373
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.7 113.5
 141 41.2 35.6 53.4

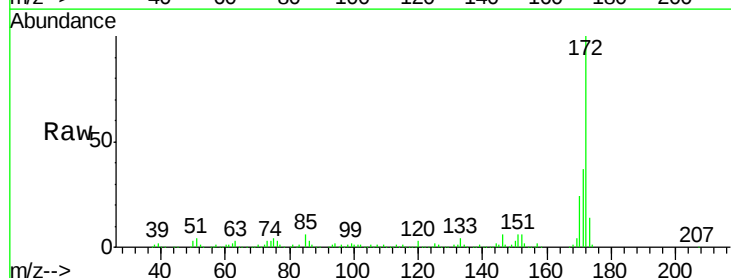


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

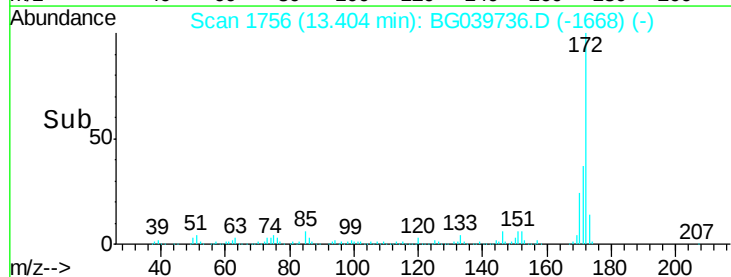
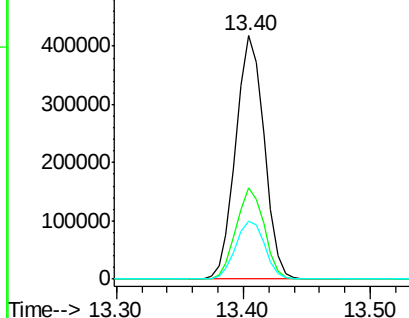


#45
 2-Fluorobiphenyl
 Concen: 84.917 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039736.D
 Acq: 4 Mar 2019 18:11

Tgt Ion:172 Resp: 647674
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 23.7 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

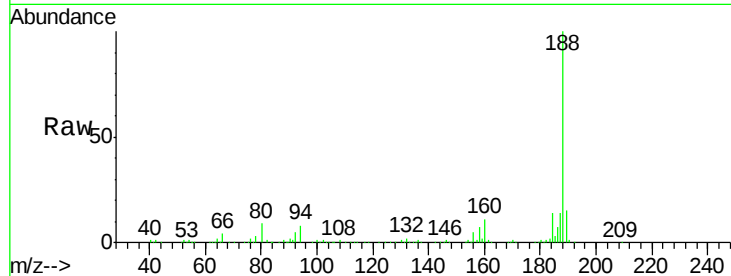




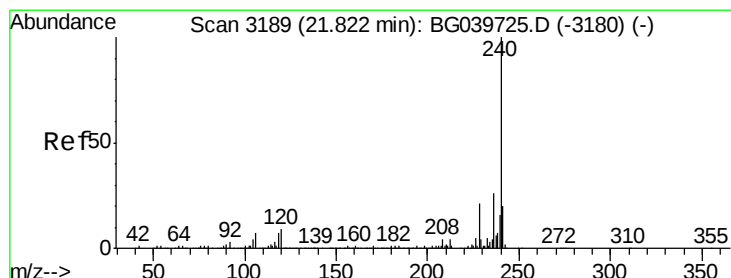
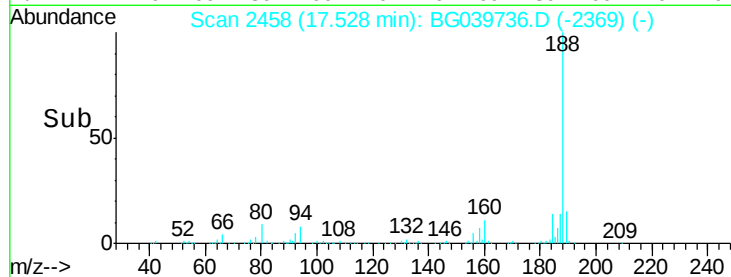
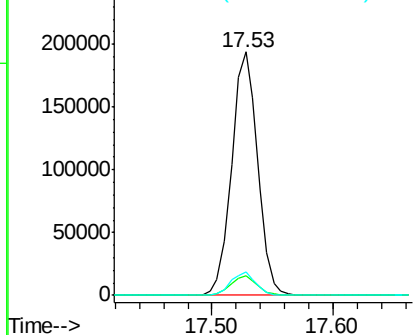
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039736.D
Acq: 4 Mar 2019 18:11

Instrument :
BNA_G
ClientSampleId :
PB117567BL

Tgt Ion:188 Resp: 290251
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.4 8.1 12.1

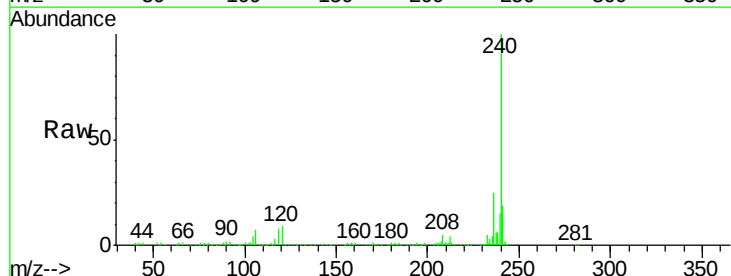


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

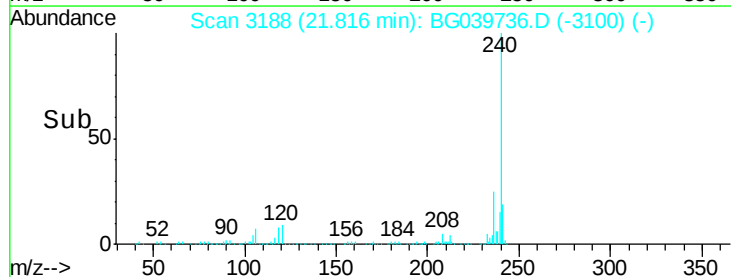
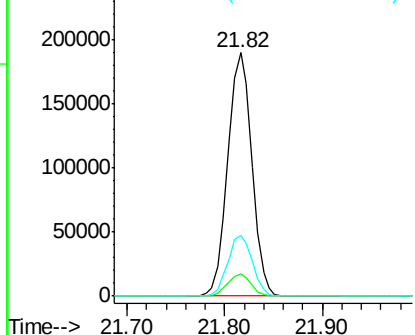


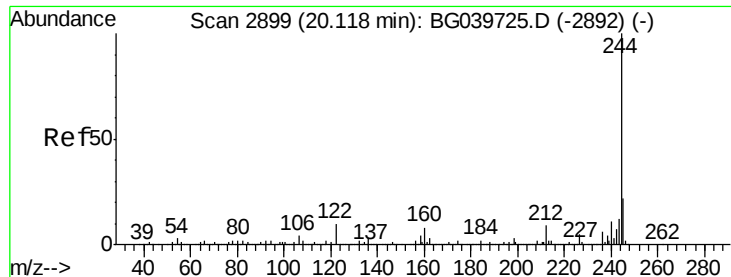
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039736.D
Acq: 4 Mar 2019 18:11

Tgt Ion:240 Resp: 325209
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.6
236 24.9 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: 81.682 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039736.D

Acq: 4 Mar 2019 18:11

Instrument :

BNA_G

ClientSampled :

PB117567BL

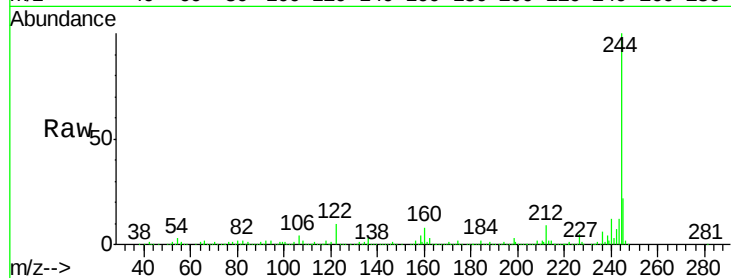
Tgt Ion:244 Resp: 1206457

Ion Ratio Lower Upper

244 100

212 8.7 7.3 10.9

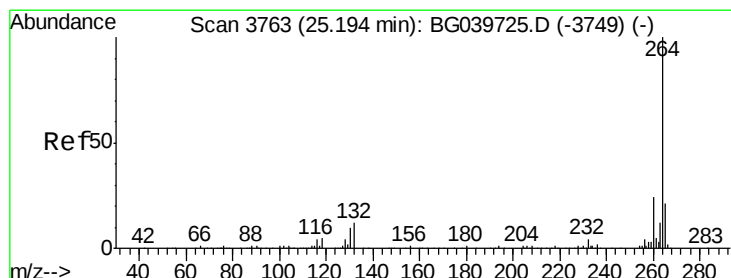
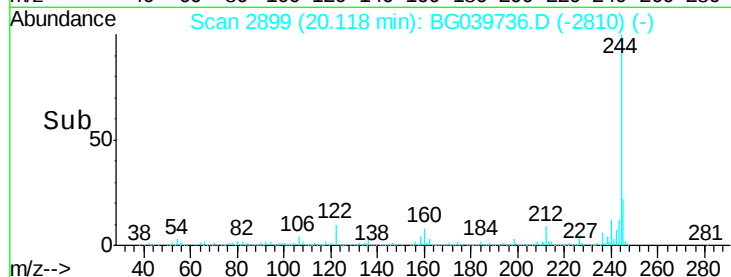
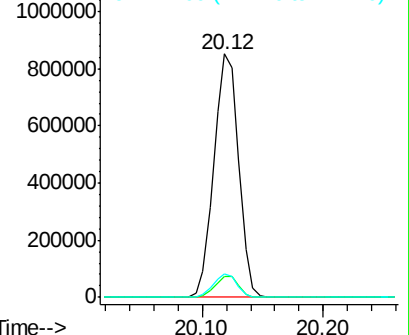
122 9.8 8.4 12.6



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: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039736.D

Acq: 4 Mar 2019 18:11

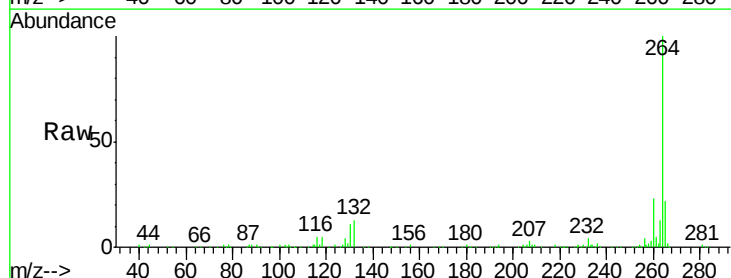
Tgt Ion:264 Resp: 317542

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 21.6 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

