

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060419\
 Data File : BG041059.D
 Acq On : 4 Jun 2019 15:03
 Operator : HP/JU
 Sample : PB120267BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120267BL

Quant Time: Jun 05 05:32:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	44573	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	166811	20.00	ng	-0.01
39) Acenaphthene-d10	14.74	164	115481	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	314482	20.00	ng	-0.01
76) Chrysene-d12	21.77	240	312973	20.00	ng	-0.02
87) Perylene-d12	25.10	264	339938	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	318250	128.75	ng	0.00
7) Phenol-d6	7.26	99	443641	116.21	ng	0.00
23) Nitrobenzene-d5	9.29	82	304665	81.08	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	240926	140.53	ng	-0.01
45) 2-Fluorobiphenyl	13.36	172	688661	85.88	ng	-0.02
79) Terphenyl-d14	20.09	244	1282712	86.98	ng	-0.01

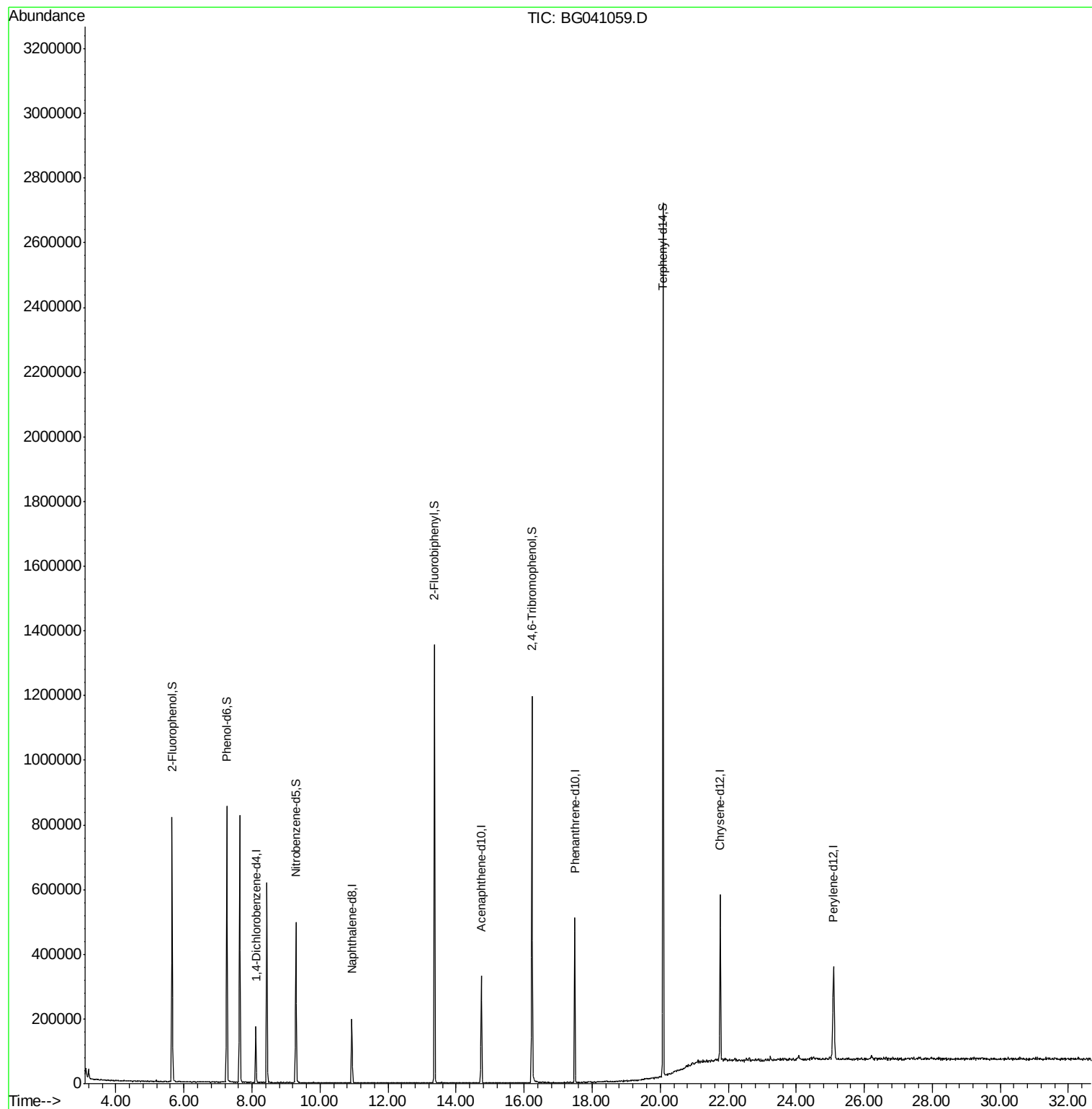
Target Compounds Qvalue

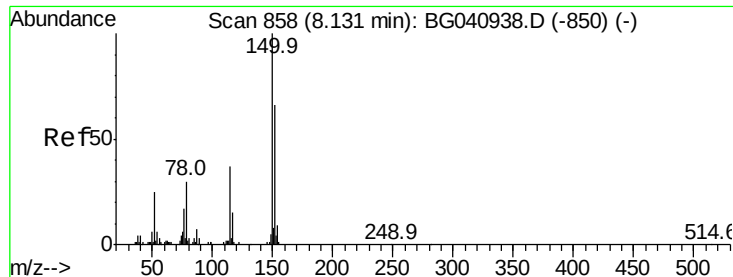
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.02 min

Lab File: BG041059.D

Acq: 4 Jun 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB120267BL

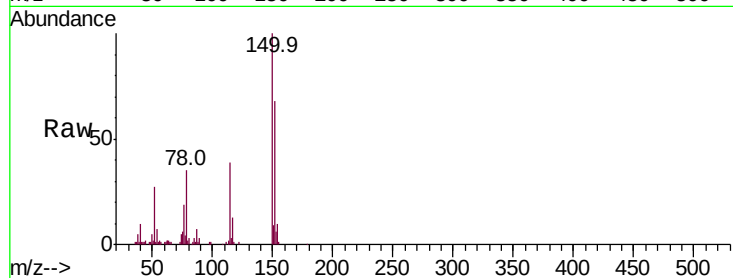
Tot Ion:152 Resp: 44573

Ion Ratio Lower Upper

152 100

150 146.7 120.6 180.8

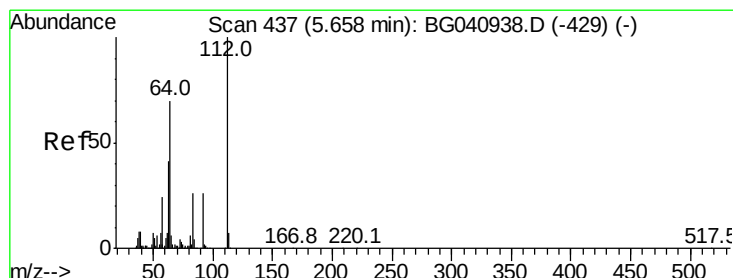
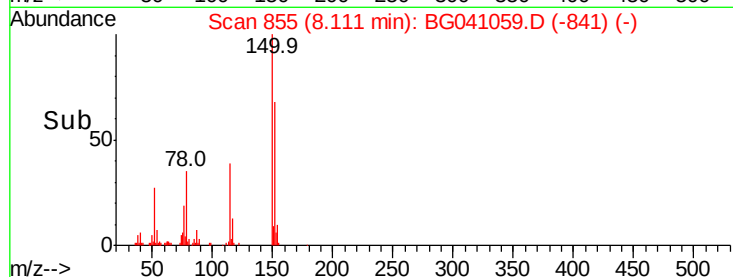
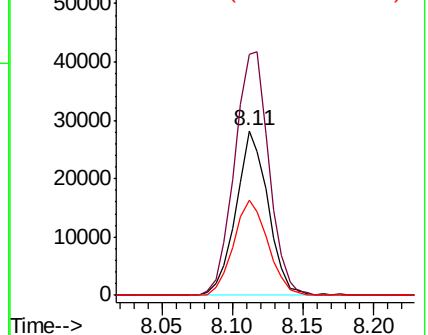
115 57.5 45.1 67.7



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: 128.749 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG041059.D

Acq: 4 Jun 2019 15:03

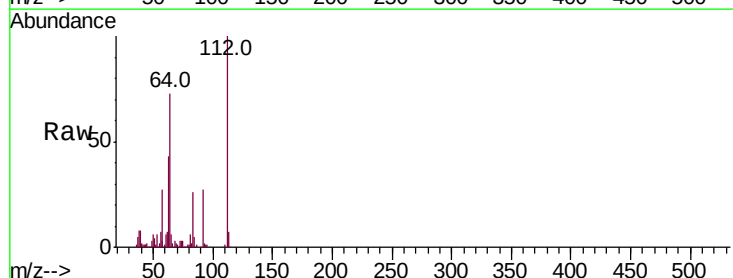
Tgt Ion:112 Resp: 318250

Ion Ratio Lower Upper

112 100

64 73.3 56.2 84.2

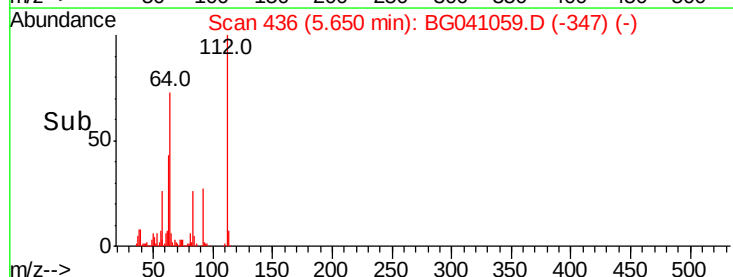
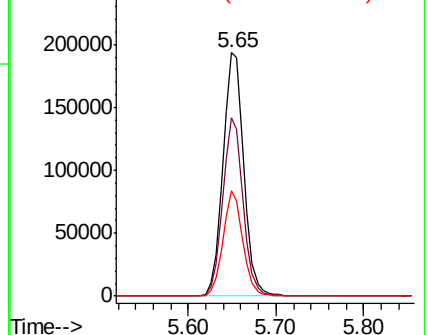
63 43.5 32.8 49.2

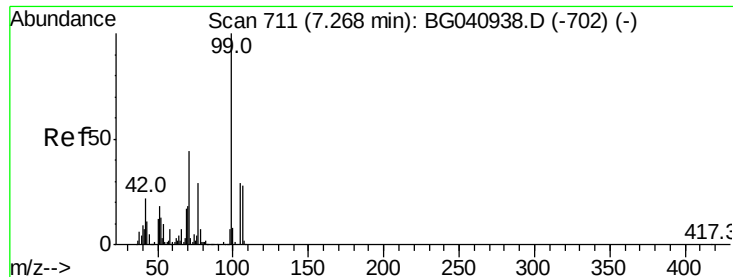


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 116.211 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041059.D

Acq: 4 Jun 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB120267BL

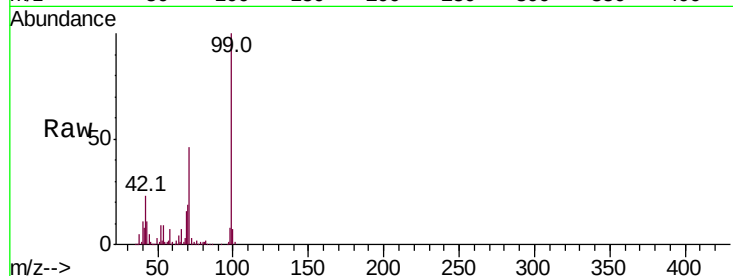
Tot Ion: 99 Resp: 443641

Ion Ratio Lower Upper

99 100

42 23.1 17.9 26.9

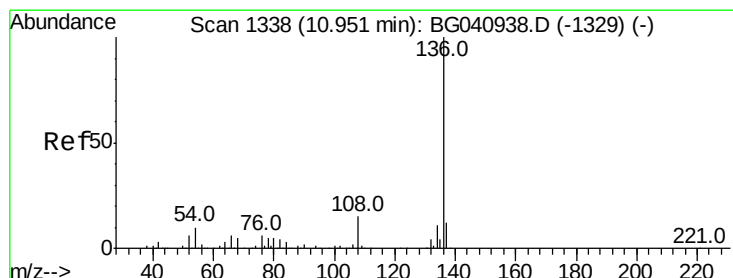
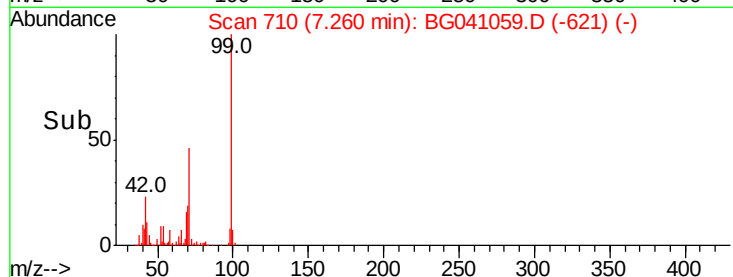
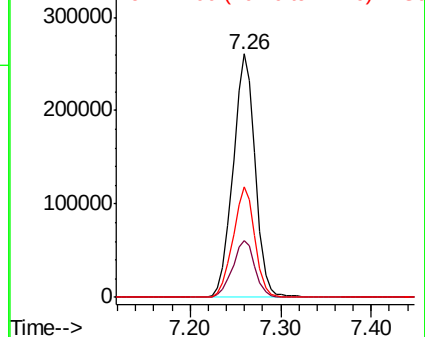
71 45.5 35.4 53.0



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: 10.94 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BG041059.D

Acq: 4 Jun 2019 15:03

Tgt Ion: 136 Resp: 166811

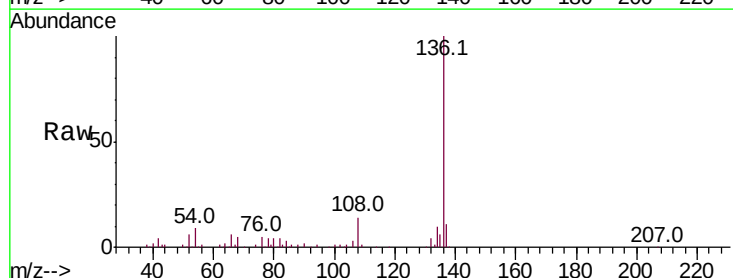
Ion Ratio Lower Upper

136 100

137 10.6 9.5 14.3

54 8.7 7.6 11.4

68 5.3 3.9 5.9

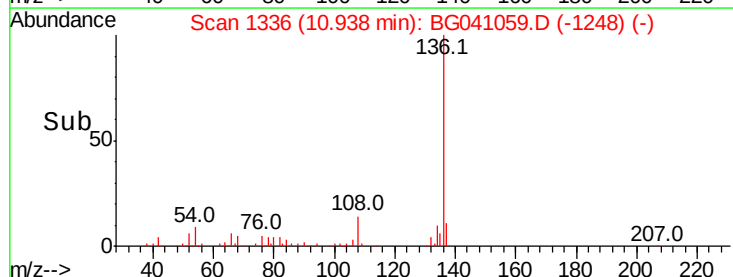
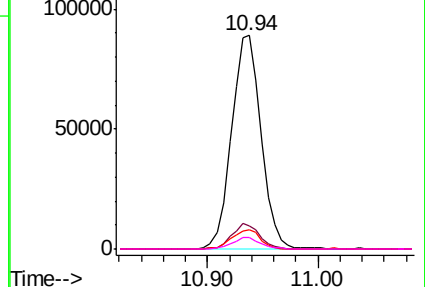


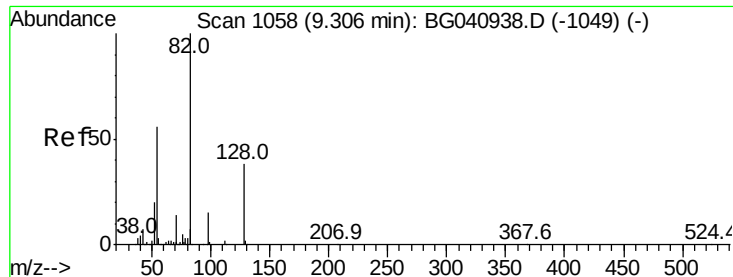
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 81.081 ng

RT: 9.29 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BG041059.D

Acq: 4 Jun 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB120267BL

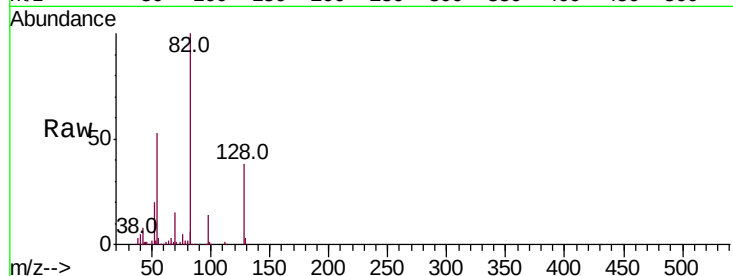
Tot Ion: 82 Resp: 304665

Ion Ratio Lower Upper

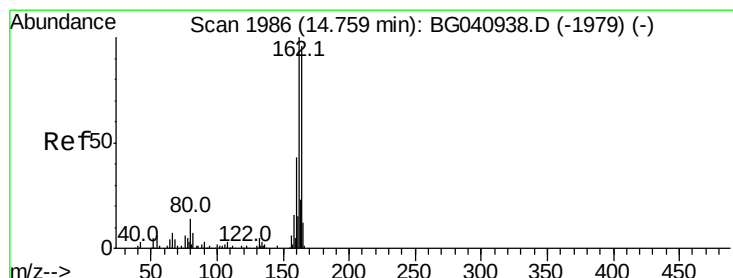
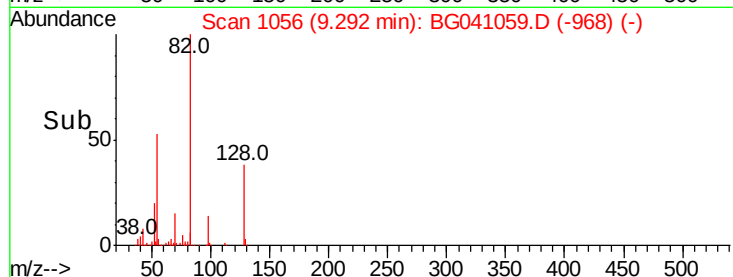
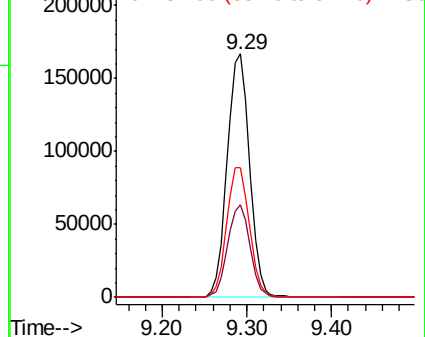
82 100

128 38.3 30.5 45.7

54 53.1 44.6 66.8



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: 14.74 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG041059.D

Acq: 4 Jun 2019 15:03

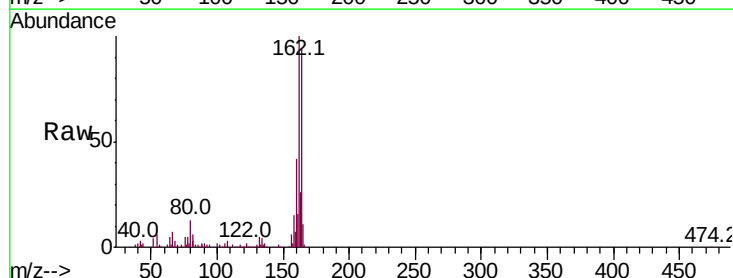
Tgt Ion: 164 Resp: 115481

Ion Ratio Lower Upper

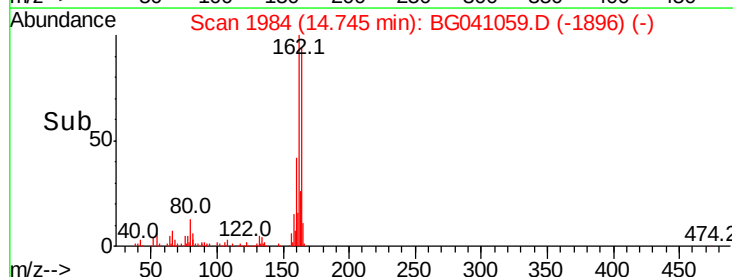
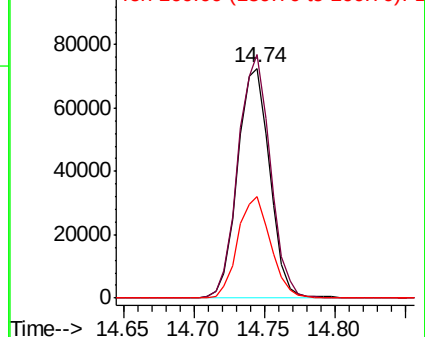
164 100

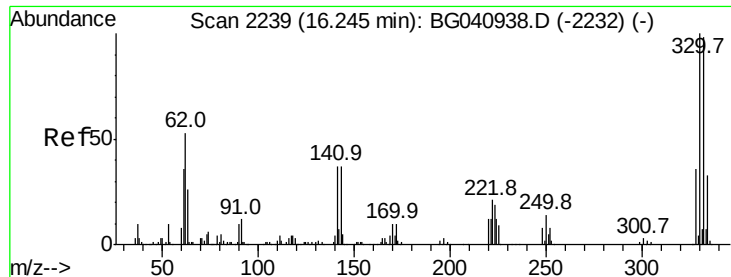
162 105.9 83.0 124.4

160 44.1 35.6 53.4



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: 140.531 ng

RT: 16.23 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BG041059.D

Acq: 4 Jun 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB120267BL

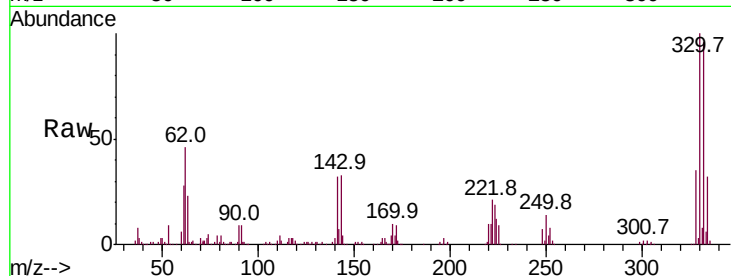
Tot Ion:330 Resp: 240926

Ion Ratio Lower Upper

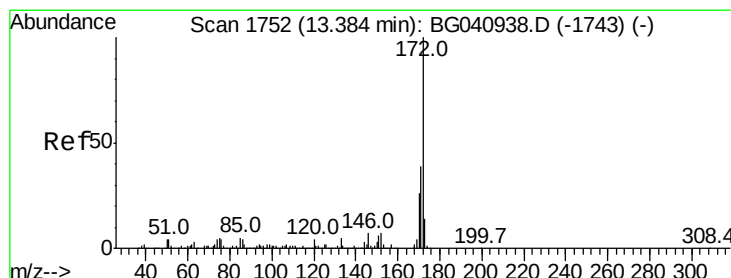
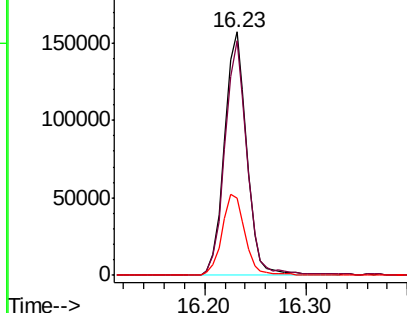
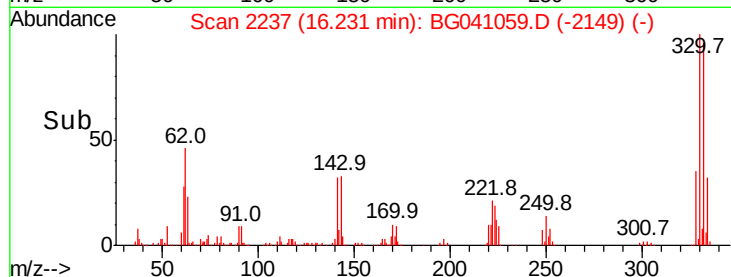
330 100

332 96.0 78.5 117.7

141 34.3 28.7 43.1



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: 85.880 ng

RT: 13.36 min Scan# 1749

Delta R.T. -0.02 min

Lab File: BG041059.D

Acq: 4 Jun 2019 15:03

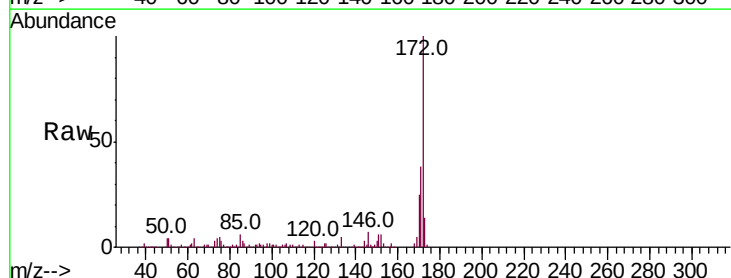
Tgt Ion:172 Resp: 688661

Ion Ratio Lower Upper

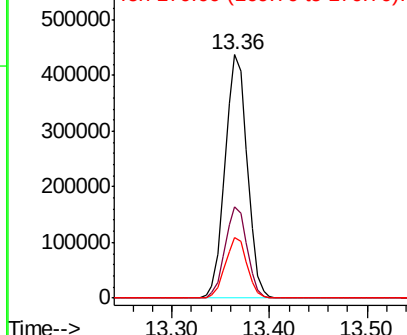
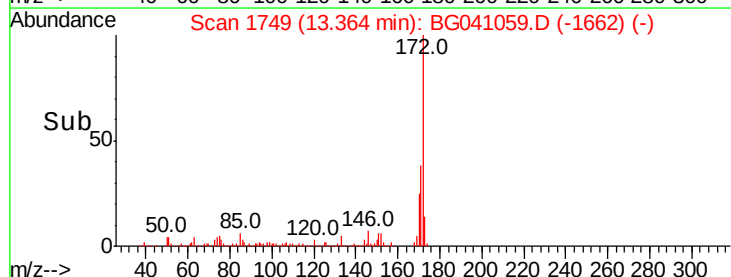
172 100

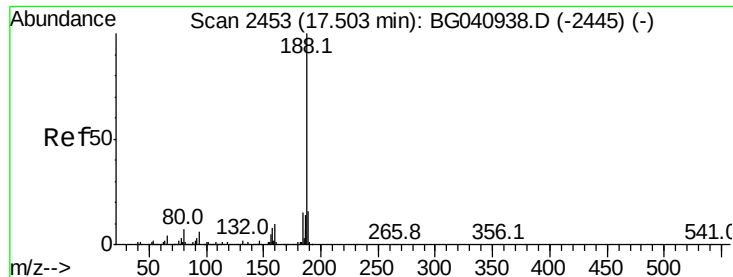
171 37.6 31.1 46.7

170 24.8 20.5 30.7



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

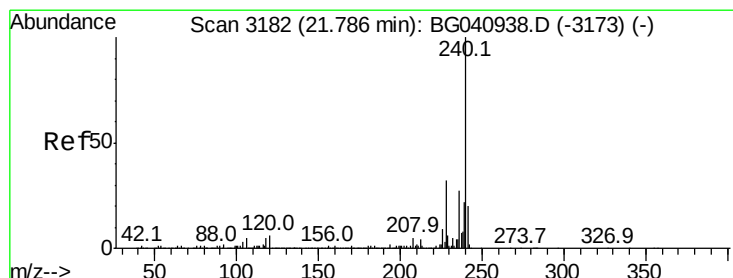
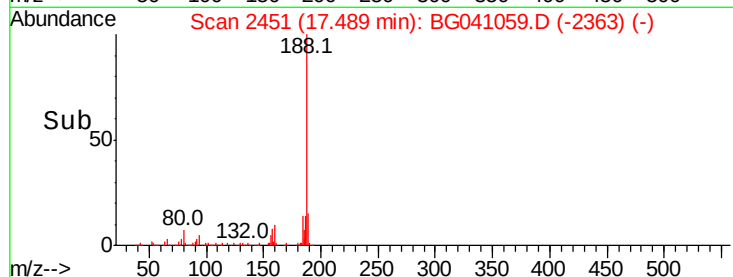
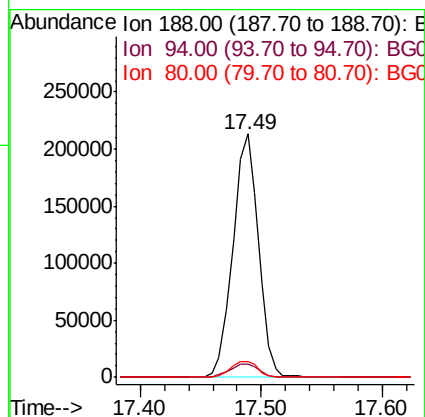
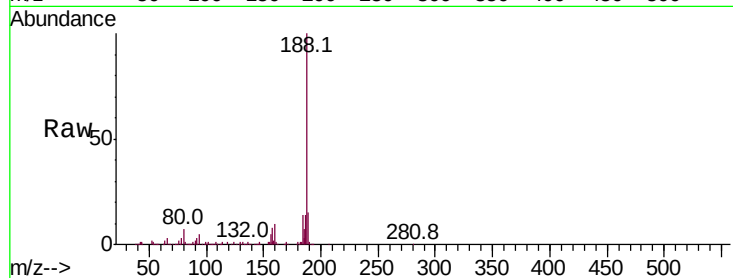




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BG041059.D
Acq: 4 Jun 2019 15:03

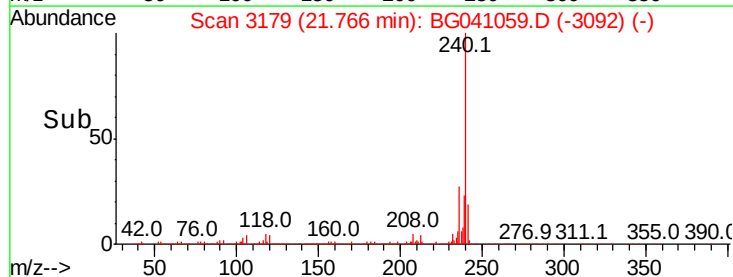
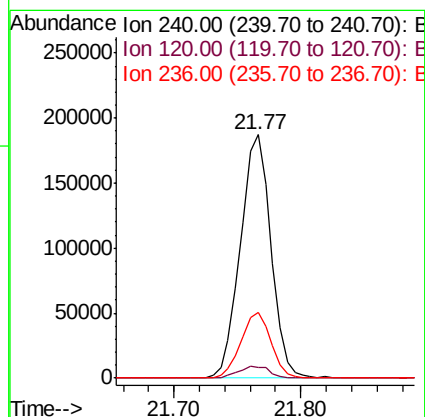
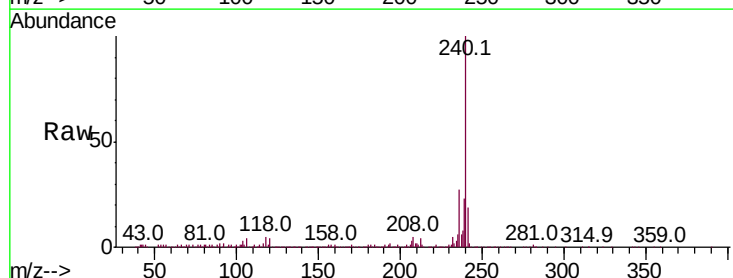
Instrument :
BNA_G
ClientSampled :
PB120267BL

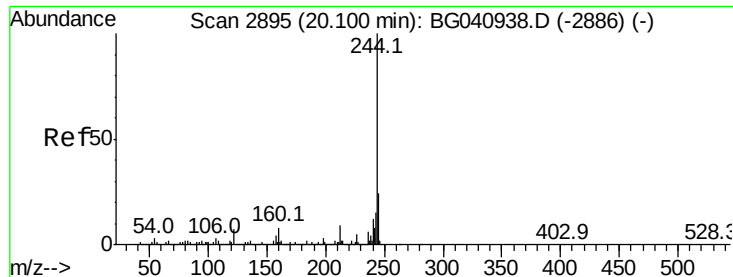
Tot Ion:188 Resp: 314482
Ion Ratio Lower Upper
188 100
94 5.4 4.7 7.1
80 6.7 5.8 8.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3179
Delta R.T. -0.02 min
Lab File: BG041059.D
Acq: 4 Jun 2019 15:03

Tgt Ion:240 Resp: 312973
Ion Ratio Lower Upper
240 100
120 4.3 4.5 6.7#
236 27.0 21.3 31.9





#79

Terphenyl-d14

Concen: 86.984 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG041059.D

Acq: 4 Jun 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB120267BL

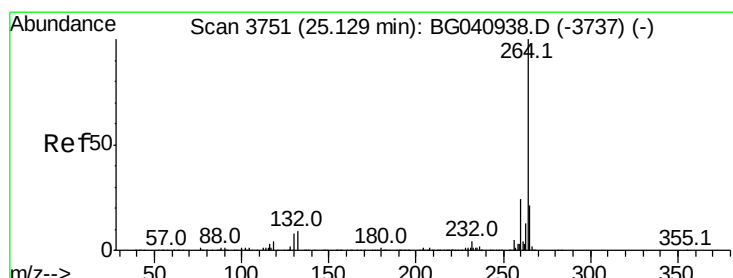
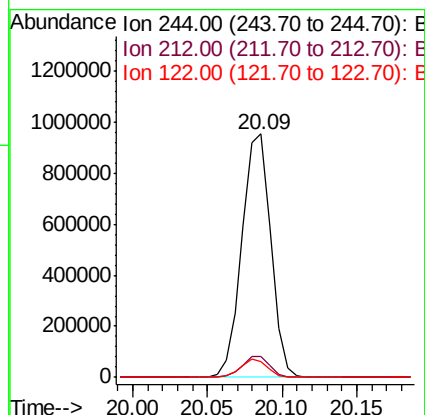
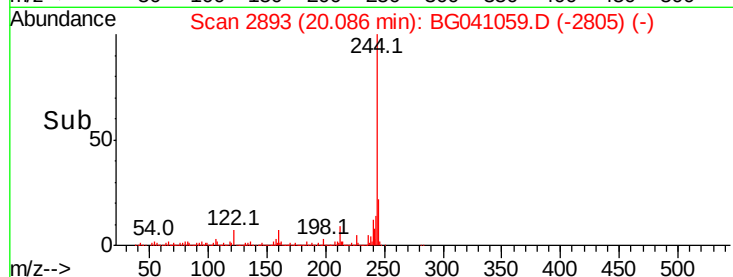
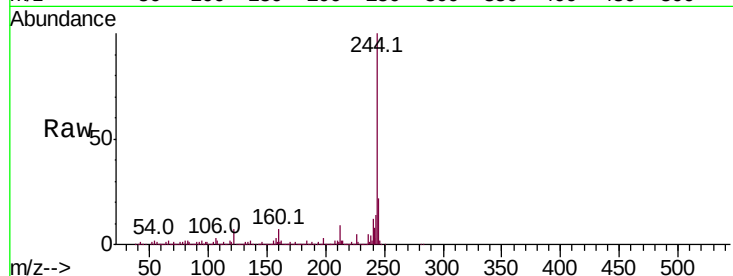
Tot Ion:244 Resp: 1282712

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.4

122 6.7 5.4 8.0



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3746

Delta R.T. -0.03 min

Lab File: BG041059.D

Acq: 4 Jun 2019 15:03

Tgt Ion:264 Resp: 339938

Ion Ratio Lower Upper

264 100

260 24.7 19.0 28.4

265 22.0 17.0 25.4

