

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
 Data File : BG039159.D
 Acq On : 16 Jan 2019 16:22
 Operator : JU/SJ
 Sample : K1128-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200053

Quant Time: Jan 16 16:59:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 14:03:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	20824	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	79083	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	64873	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	166935	20.00	ng	0.00
76) Chrysene-d12	21.68	240	179465	20.00	ng	0.00
87) Perylene-d12	24.95	264	191919	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	124191	113.13	ng	0.00
7) Phenol-d6	7.18	99	179252	113.47	ng	0.00
23) Nitrobenzene-d5	9.19	82	121265	83.91	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	138721	127.57	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	423249	89.29	ng	0.00
79) Terphenyl-d14	20.01	244	879182	90.62	ng	0.00

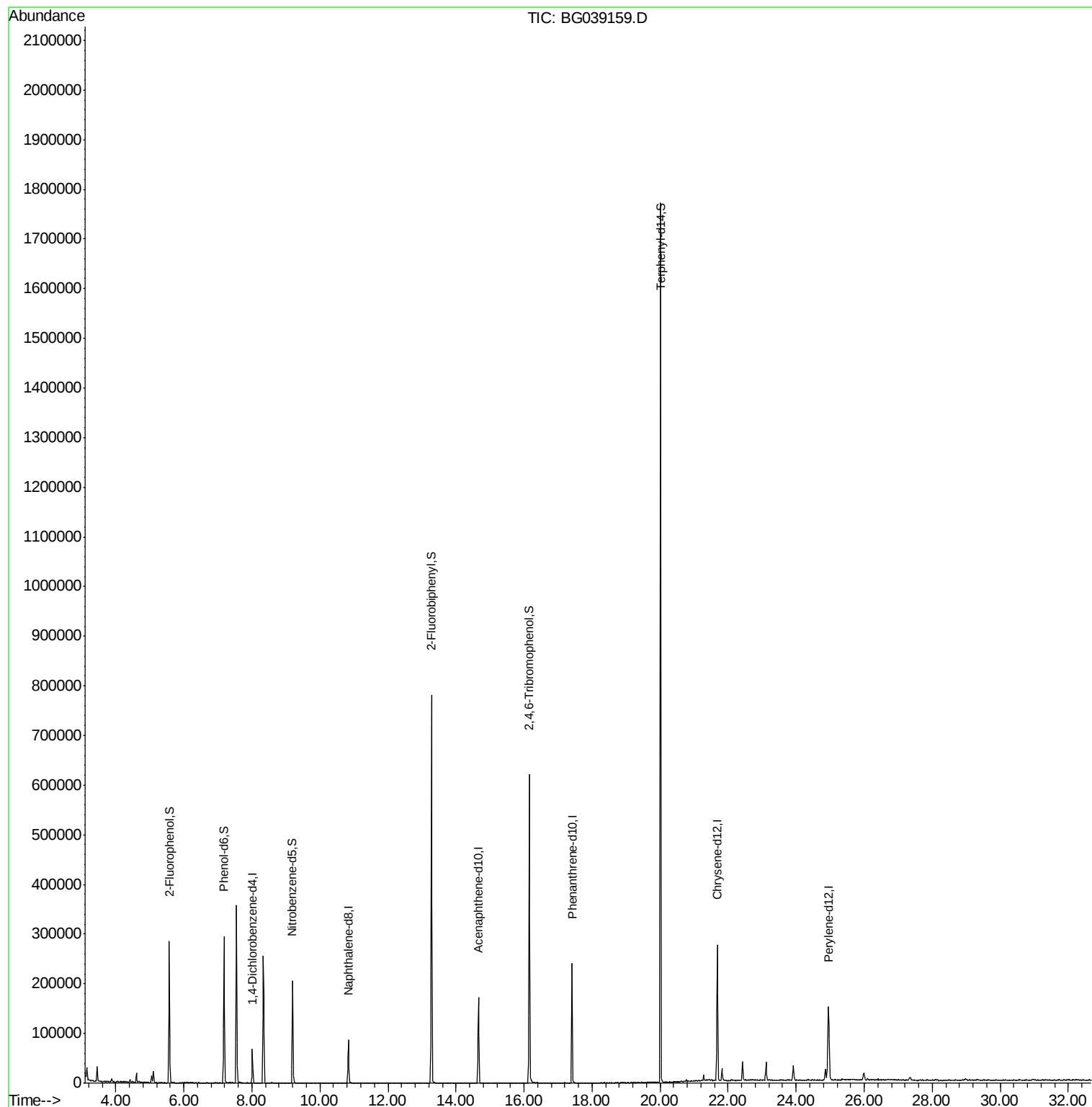
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
Data File : BG039159.D
Acq On : 16 Jan 2019 16:22
Operator : JU/SJ
Sample : K1128-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR-200053

Quant Time: Jan 16 16:59:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 14:03:14 2019
Response via : Initial Calibration



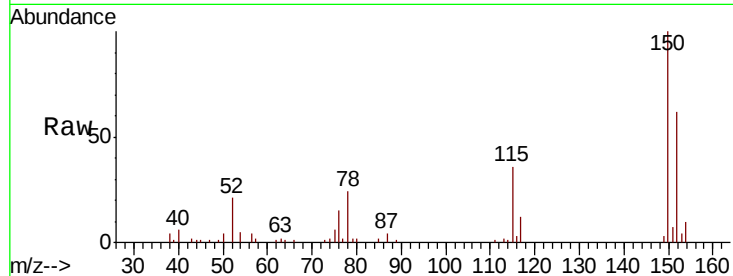


#1

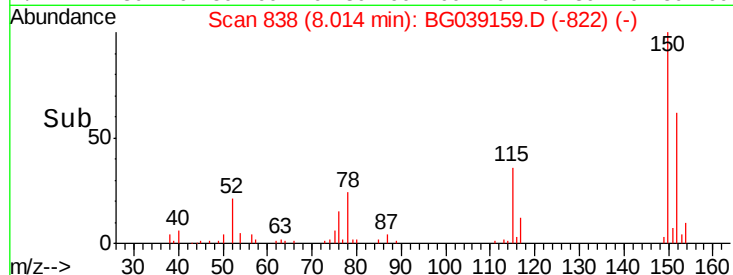
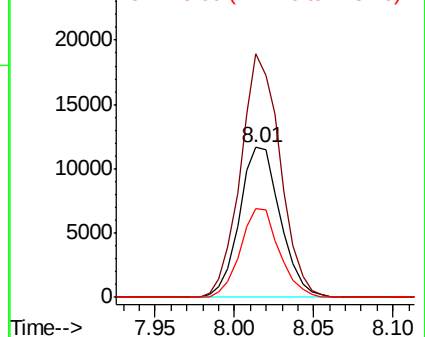
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG039159.D
Acq: 16 Jan 2019 16:22

Instrument :
BNA_G
ClientSampleId :
RBR-200053

Tot Ion:152 Resp: 20824
Ion Ratio Lower Upper
152 100
150 162.2 124.7 187.1
115 59.2 46.5 69.7



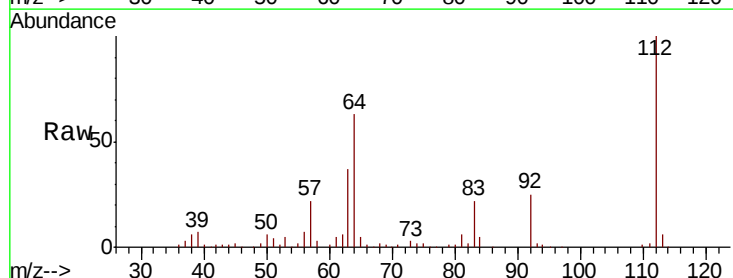
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



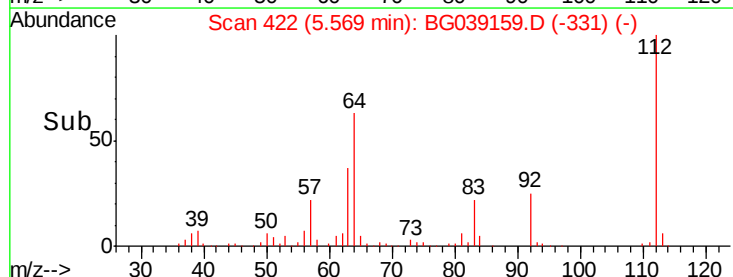
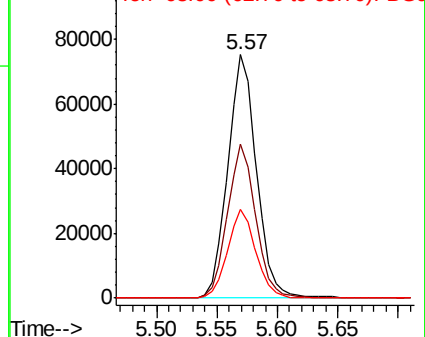
#5

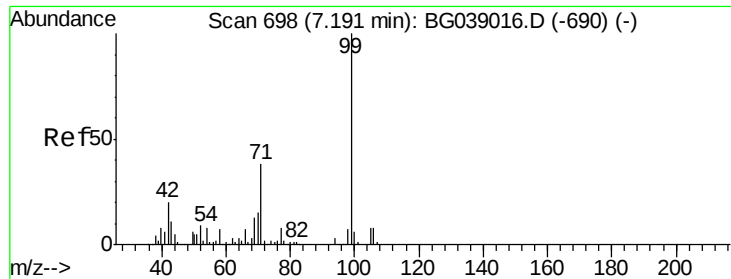
2-Fluorophenol
Concen: 113.133 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG039159.D
Acq: 16 Jan 2019 16:22

Tgt Ion:112 Resp: 124191
Ion Ratio Lower Upper
112 100
64 63.4 47.0 70.6
63 36.6 28.0 42.0



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: 113.465 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG039159.D

Acq: 16 Jan 2019 16:22

Instrument :

BNA_G

ClientSampled :

RBR-200053

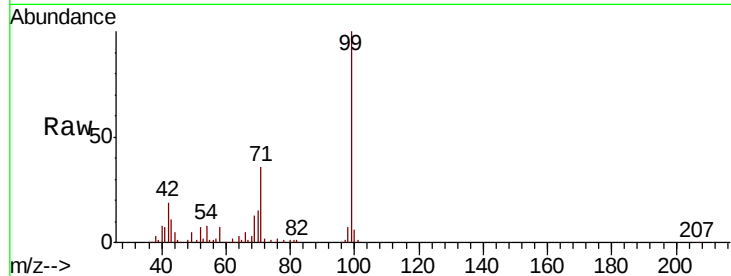
Tot Ion: 99 Resp: 179252

Ion Ratio Lower Upper

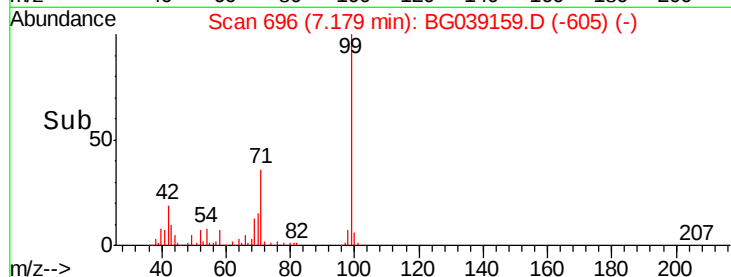
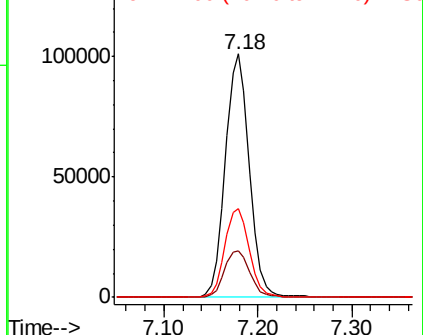
99 100

42 19.3 15.8 23.6

71 36.3 30.2 45.4



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: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG039159.D

Acq: 16 Jan 2019 16:22

Tgt Ion: 136 Resp: 79083

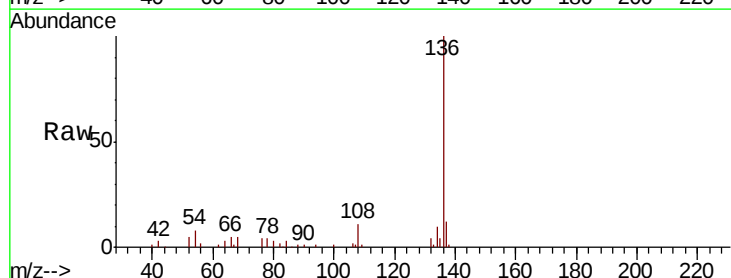
Ion Ratio Lower Upper

136 100

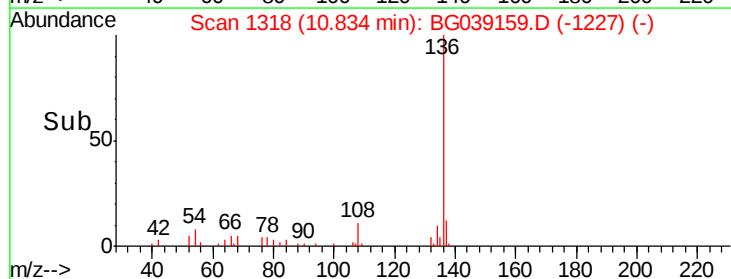
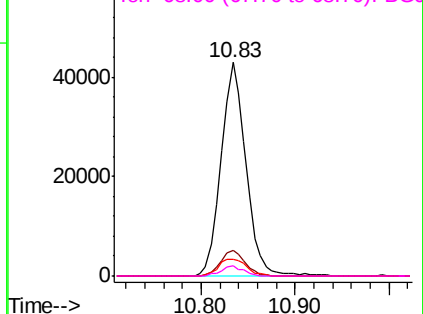
137 12.0 9.4 14.2

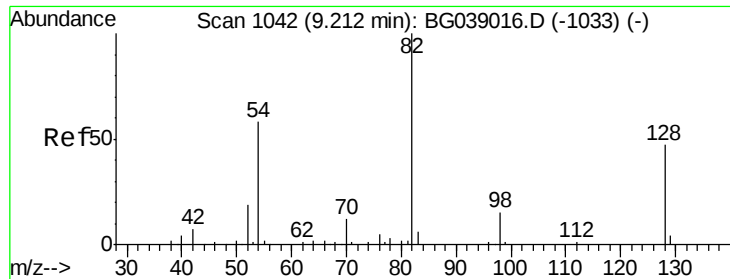
54 7.5 7.2 10.8

68 4.7 3.5 5.3



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

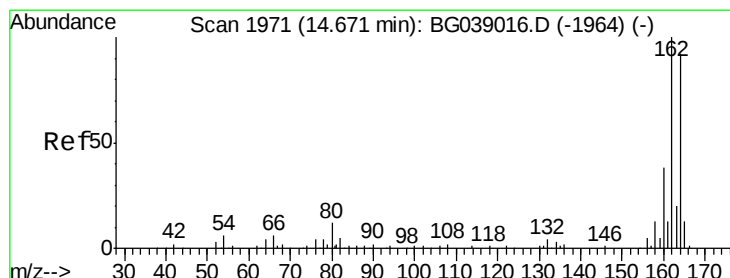
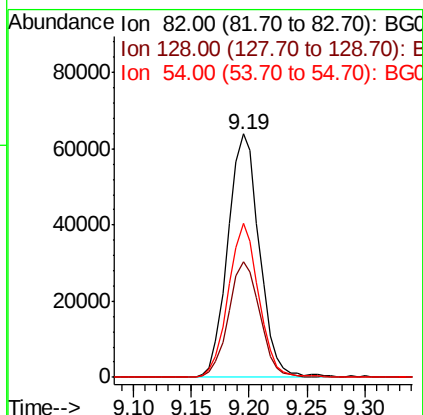
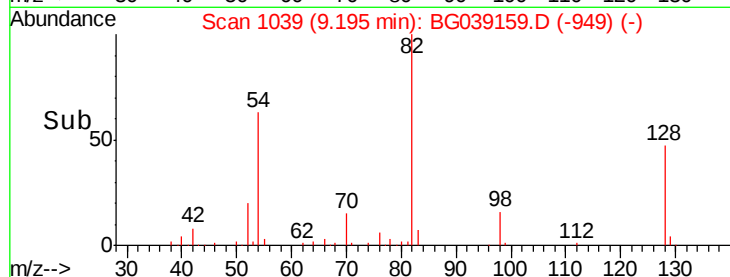
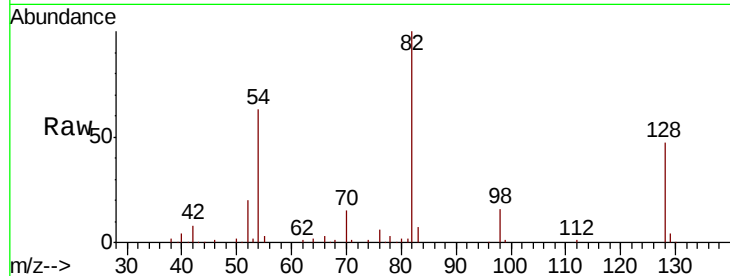




#23
 Nitrobenzene-d5
 Concen: 83.906 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BG039159.D
 Acq: 16 Jan 2019 16:22

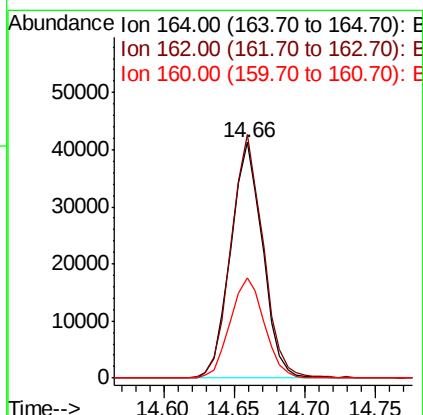
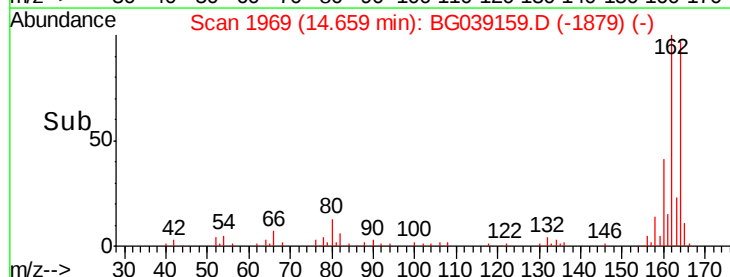
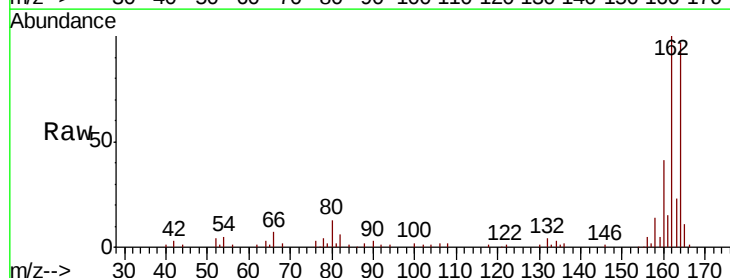
Instrument :
 BNA_G
 ClientSampleId :
 RBR-200053

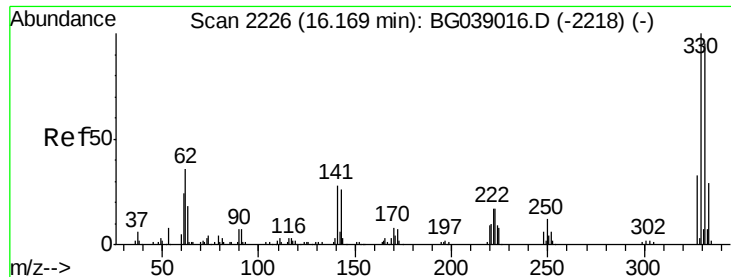
Tot Ion	82	Resp	121265
Ion Ratio	Lower	Upper	
82	100		
128	47.3	37.3	55.9
54	63.0	46.4	69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG039159.D
 Acq: 16 Jan 2019 16:22

Tgt Ion	164	Resp	64873
Ion Ratio	Lower	Upper	
164	100		
162	103.4	87.2	130.8
160	42.7	33.3	49.9





#42

2,4,6-Tribromophenol

Concen: 127.565 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG039159.D

Acq: 16 Jan 2019 16:22

Instrument :

BNA_G

ClientSampleId :

RBR-200053

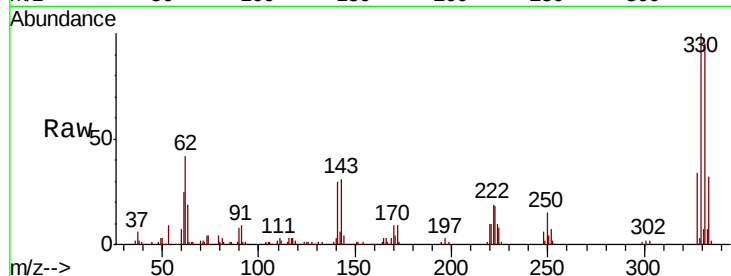
Tot Ion:330 Resp: 138721

Ion Ratio Lower Upper

330 100

332 96.6 75.7 113.5

141 30.7 24.9 37.3

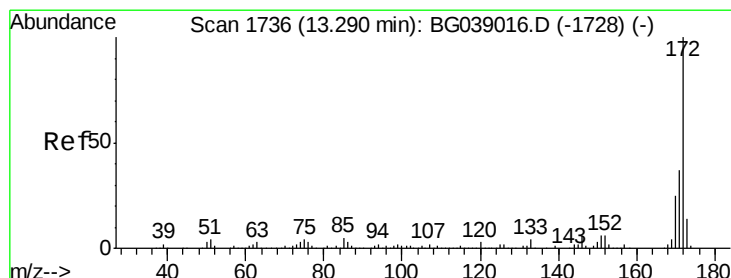
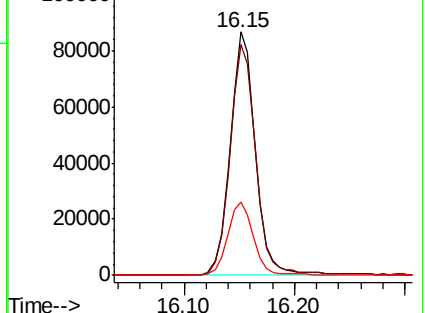
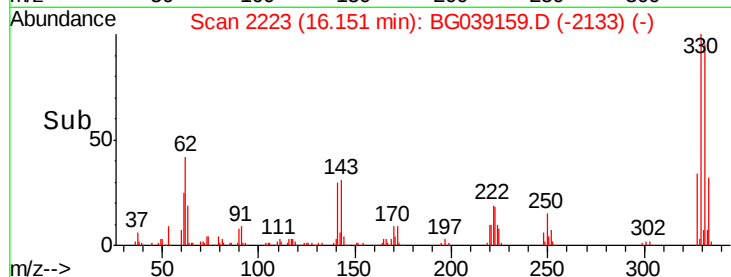


Abundance

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: 89.289 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BG039159.D

Acq: 16 Jan 2019 16:22

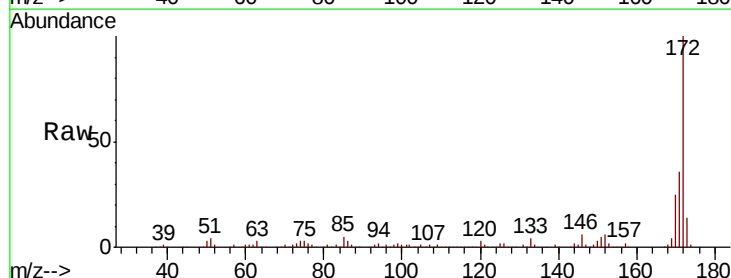
Tgt Ion:172 Resp: 423249

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

170 24.7 20.1 30.1

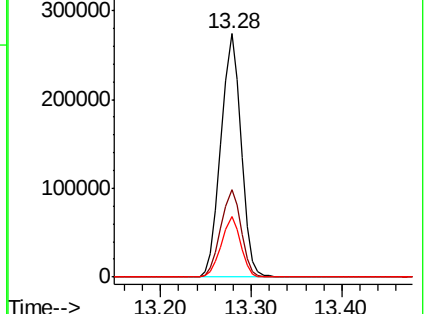
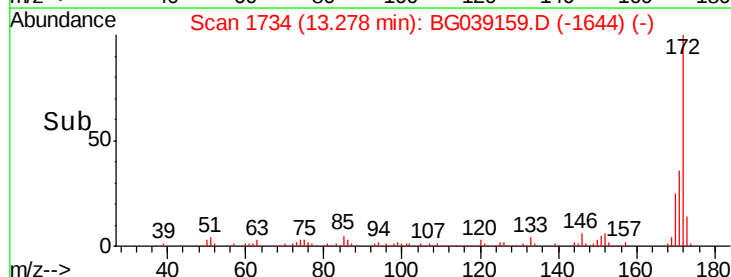


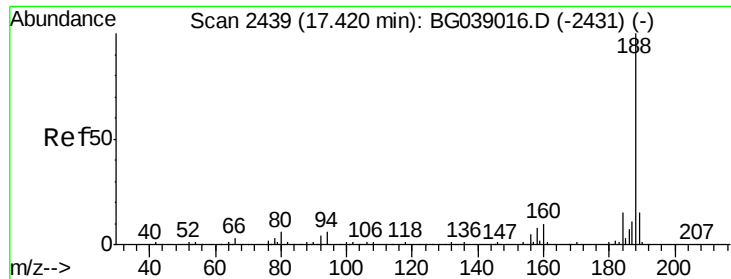
Abundance

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: 17.41 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BG039159.D

Acq: 16 Jan 2019 16:22

Instrument :

BNA_G

ClientSampled :

RBR-200053

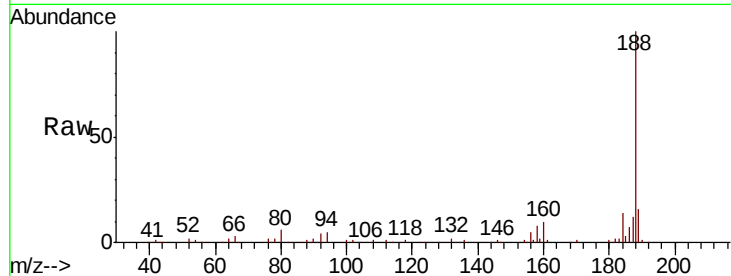
Tot Ion:188 Resp: 166935

Ion Ratio Lower Upper

188 100

94 4.8 5.0 7.4#

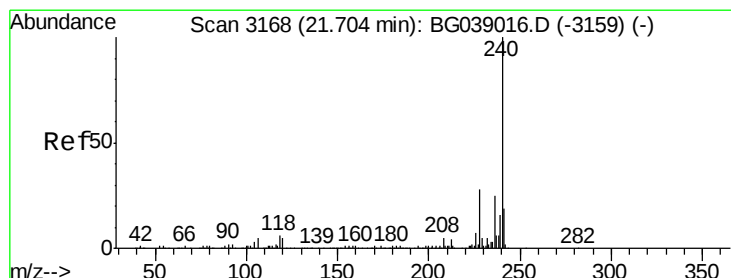
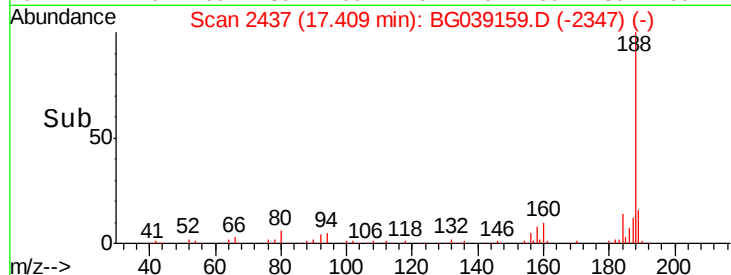
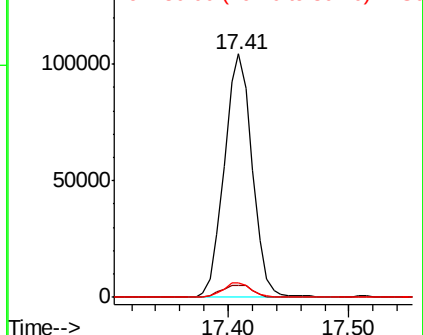
80 6.1 4.7 7.1



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: 21.68 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG039159.D

Acq: 16 Jan 2019 16:22

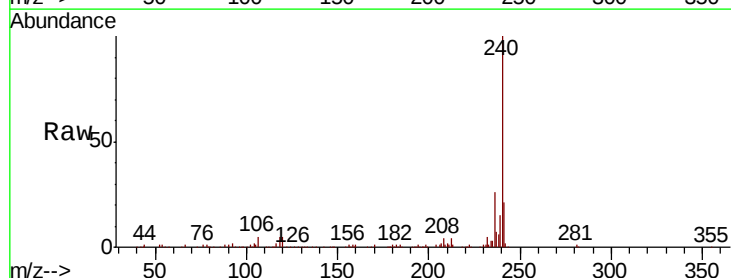
Tgt Ion:240 Resp: 179465

Ion Ratio Lower Upper

240 100

120 5.4 4.3 6.5

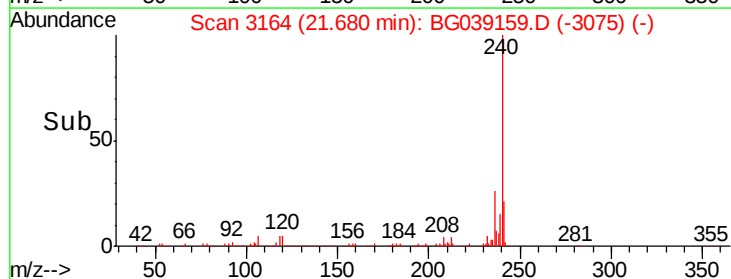
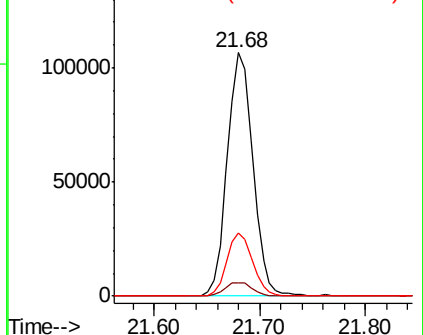
236 26.0 20.1 30.1

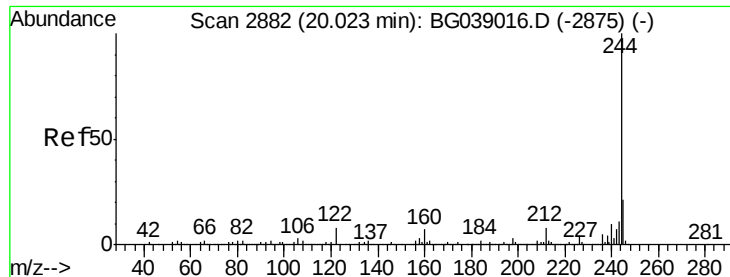


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.624 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG039159.D

Acq: 16 Jan 2019 16:22

Instrument :

BNA_G

ClientSampleId :

RBR-200053

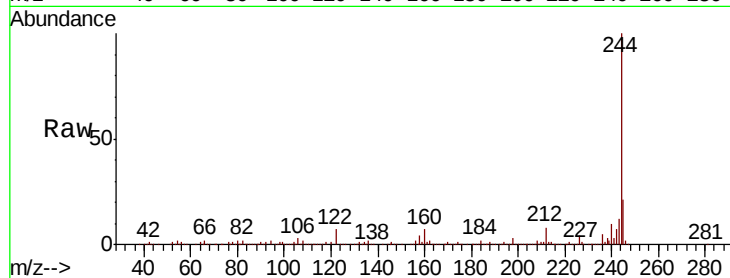
Tot Ion:244 Resp: 879182

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

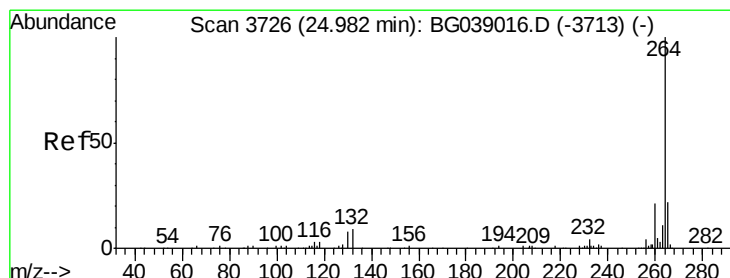
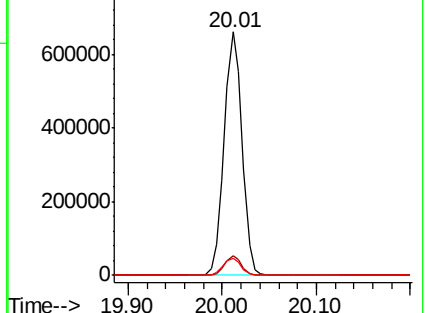
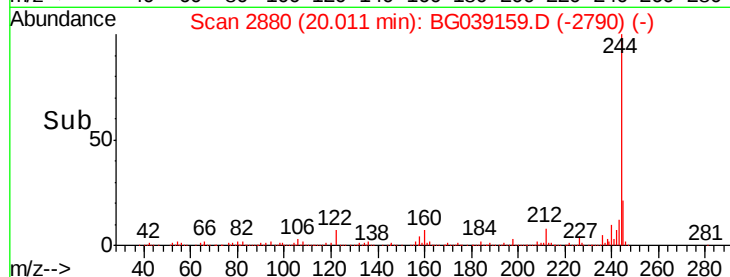
122 7.3 6.1 9.1



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: 24.95 min Scan# 3721

Delta R.T. -0.00 min

Lab File: BG039159.D

Acq: 16 Jan 2019 16:22

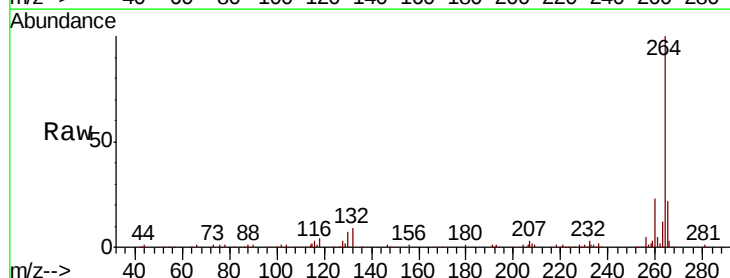
Tgt Ion:264 Resp: 191919

Ion Ratio Lower Upper

264 100

260 22.9 17.0 25.6

265 21.9 17.2 25.8



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

