

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
 Data File : BG039640.D
 Acq On : 27 Feb 2019 18:37
 Operator : JU/SJ
 Sample : PB117428BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BL

Quant Time: Feb 28 01:22:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	48713	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	208894	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	141102	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	375116	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	393635	20.00	ng	-0.02
87) Perylene-d12	25.20	264	393834	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	307607	108.08	ng	0.00
7) Phenol-d6	7.31	99	441115	105.29	ng	-0.01
23) Nitrobenzene-d5	9.34	82	255687	76.47	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	177625	116.90	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	663451	67.45	ng	-0.02
79) Terphenyl-d14	20.13	244	1152991	62.00	ng	-0.02

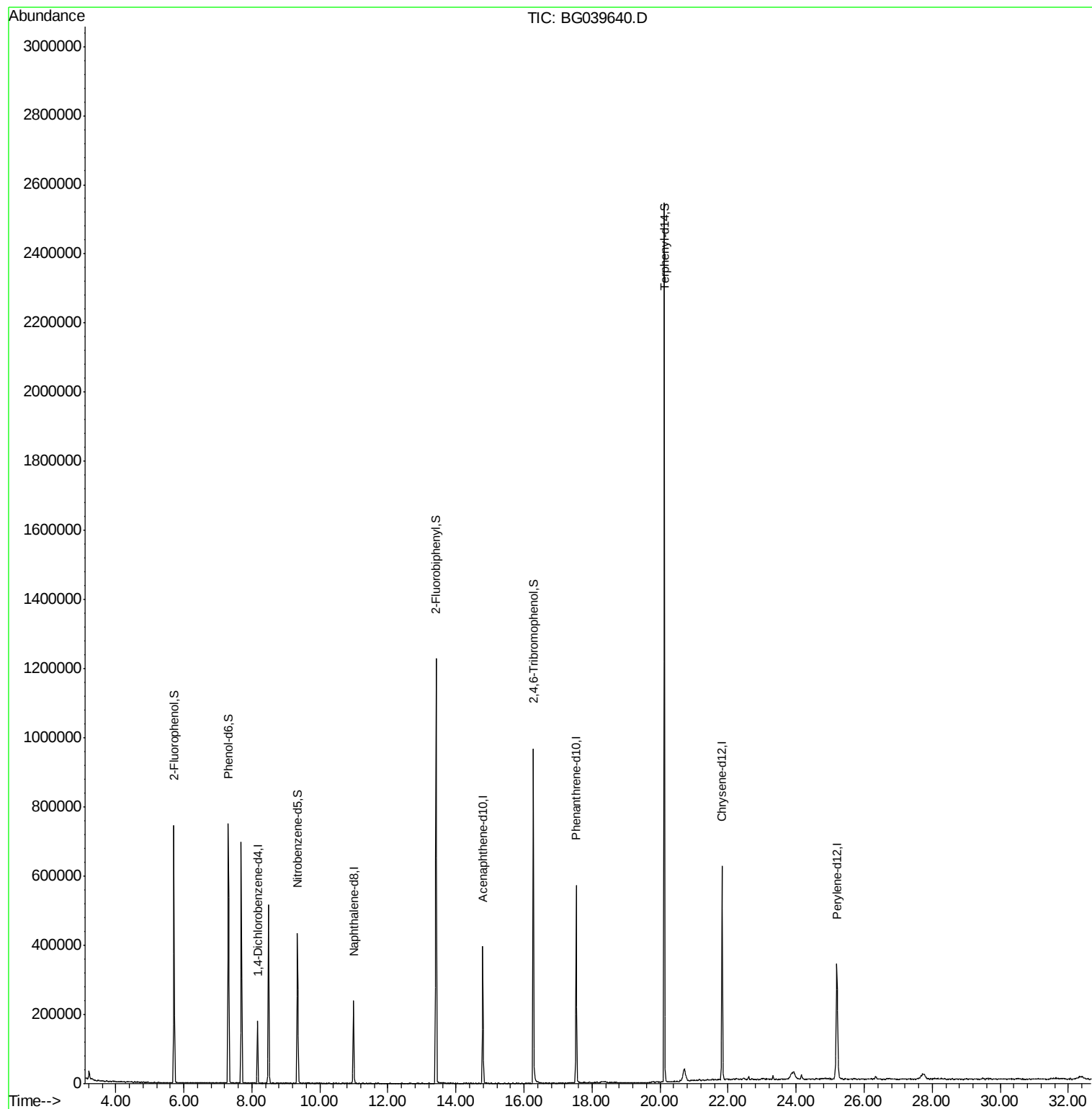
Target Compounds Qvalue

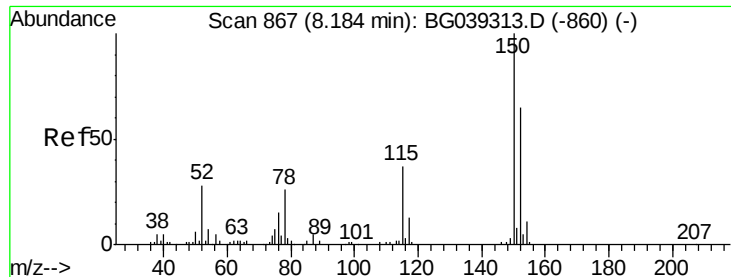
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039640.D
Acq On : 27 Feb 2019 18:37
Operator : JU/SJ
Sample : PB117428BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117428BL

Quant Time: Feb 28 01:22:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration



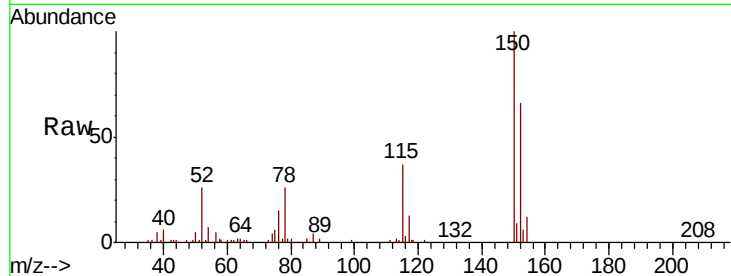


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039640.D
Acq: 27 Feb 2019 18:37

Instrument :
BNA_G
ClientSampleId :
PB117428BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	123.7	185.5
115	56.5	45.9	68.9

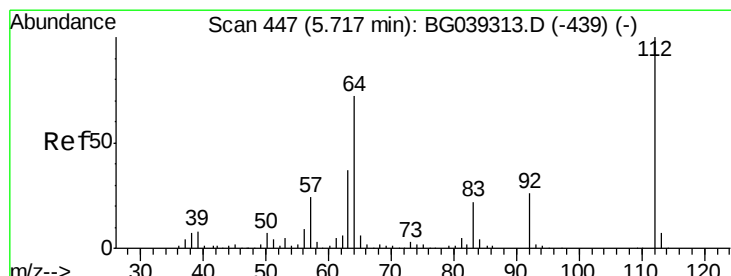
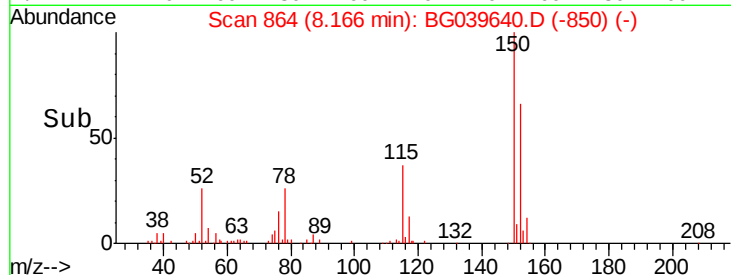
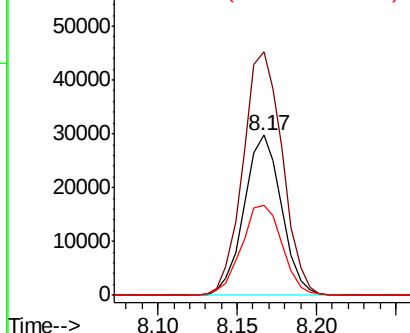


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

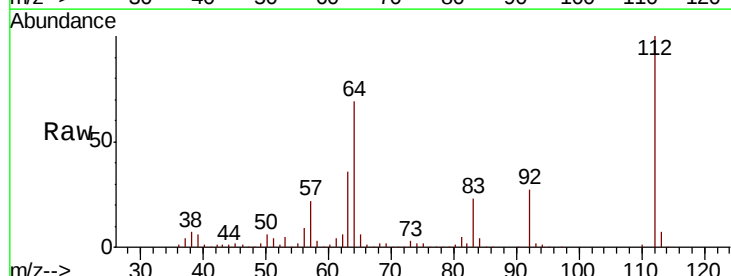
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 108.076 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039640.D
Acq: 27 Feb 2019 18:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	57.8	86.8
63	36.0	29.8	44.6

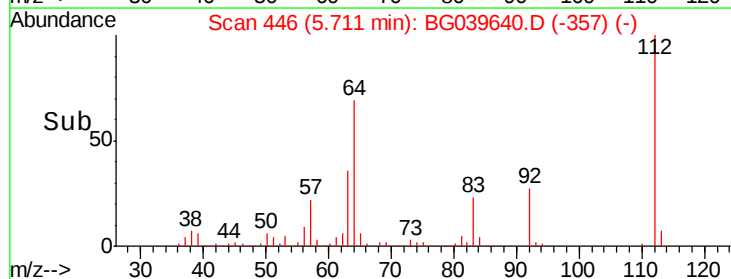
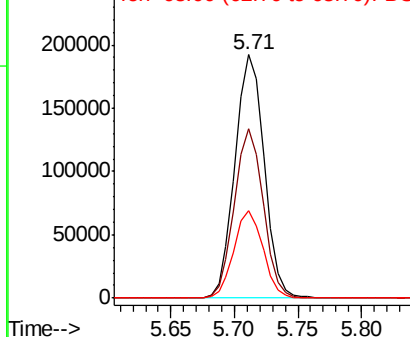


Abundance

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: 105.290 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039640.D

Acq: 27 Feb 2019 18:37

Instrument :

BNA_G

ClientSampleId :

PB117428BL

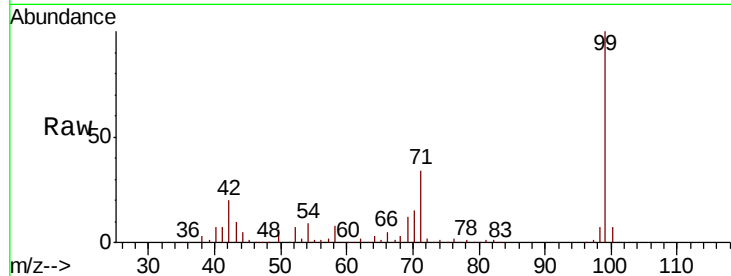
Tot Ion: 99 Resp: 441115

Ion Ratio Lower Upper

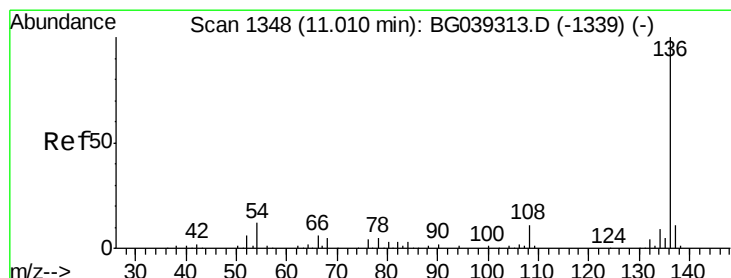
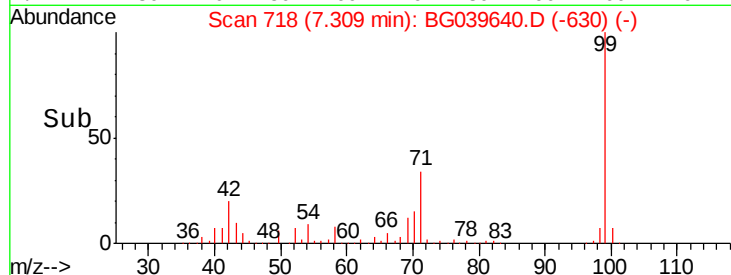
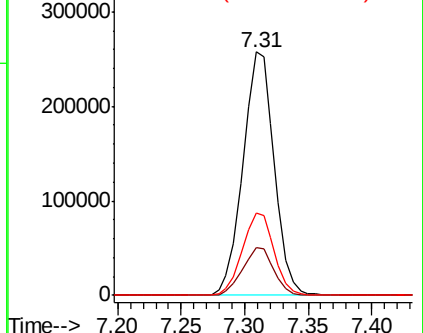
99 100

42 19.6 18.2 27.2

71 33.9 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: 10.99 min Scan# 1344

Delta R.T. -0.02 min

Lab File: BG039640.D

Acq: 27 Feb 2019 18:37

Tgt Ion: 136 Resp: 208894

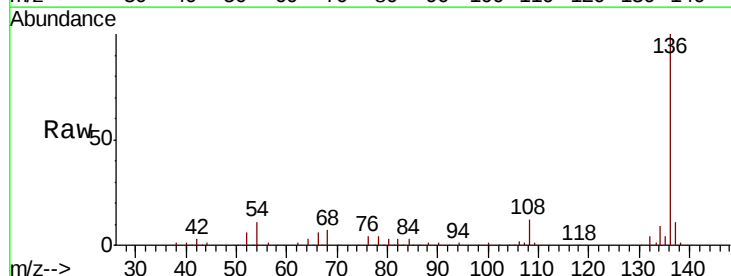
Ion Ratio Lower Upper

136 100

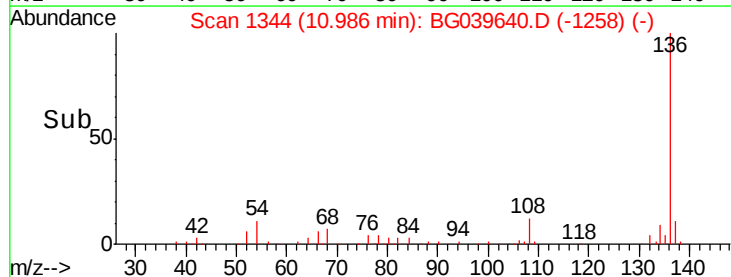
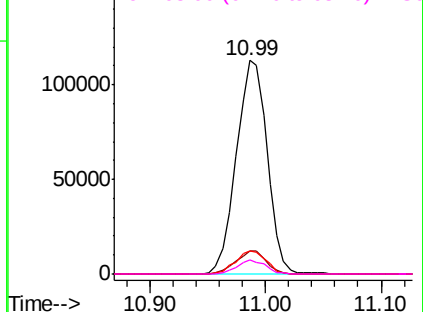
137 10.6 9.1 13.7

54 10.9 9.4 14.2

68 6.6 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: 76.465 ng

RT: 9.34 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BG039640.D

Acq: 27 Feb 2019 18:37

Instrument :

BNA_G

ClientSampleId :

PB117428BL

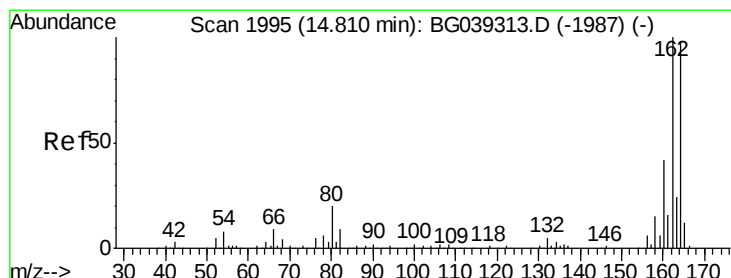
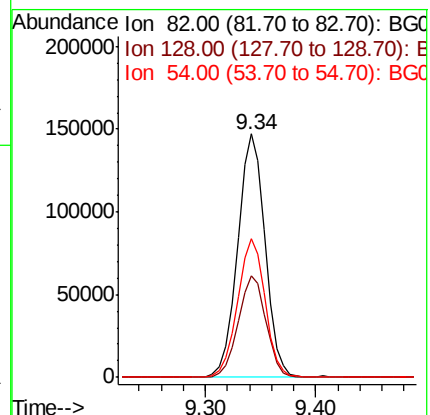
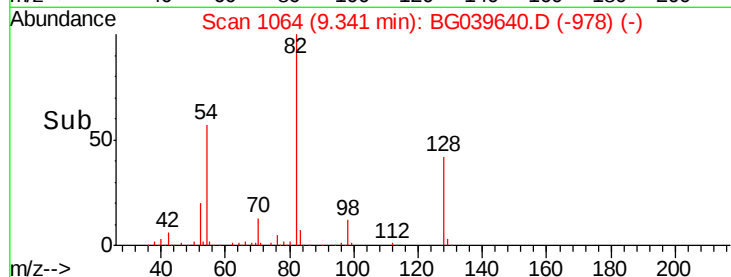
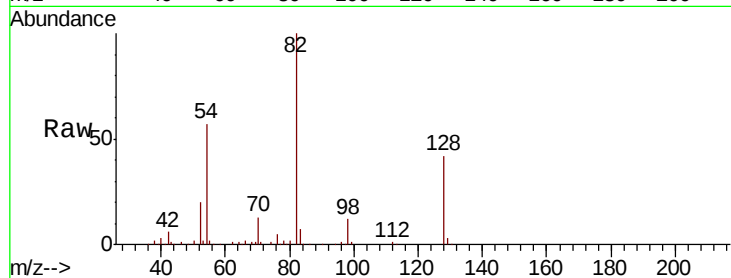
Tot Ion: 82 Resp: 255687

Ion Ratio Lower Upper

82 100

128 41.8 31.3 46.9

54 57.0 50.9 76.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.02 min

Lab File: BG039640.D

Acq: 27 Feb 2019 18:37

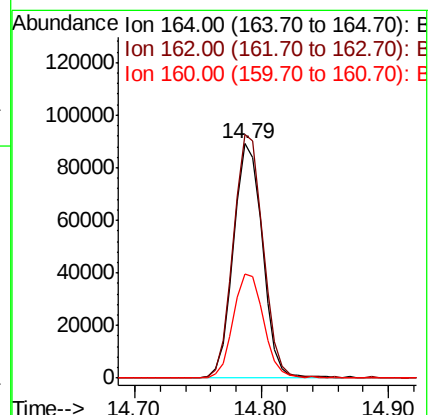
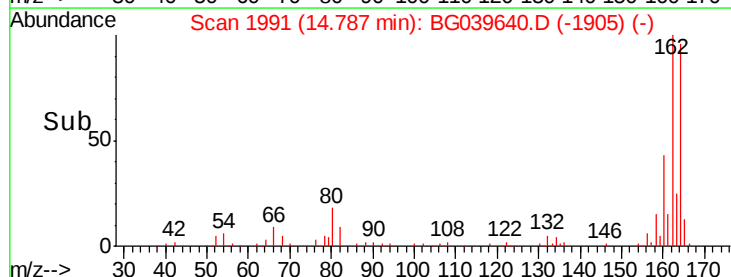
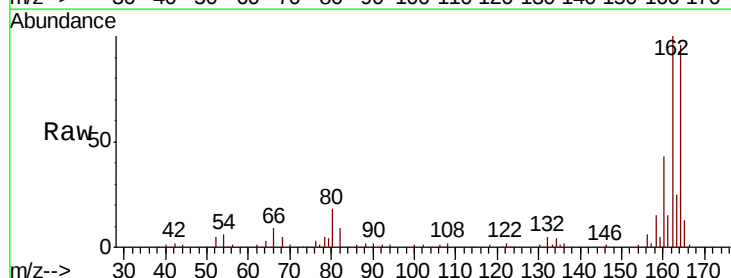
Tgt Ion: 164 Resp: 141102

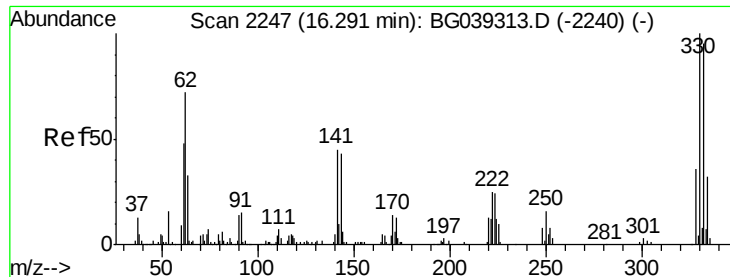
Ion Ratio Lower Upper

164 100

162 104.0 81.6 122.4

160 44.5 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 116.903 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.02 min

Lab File: BG039640.D

Acq: 27 Feb 2019 18:37

Instrument :

BNA_G

ClientSampleId :

PB117428BL

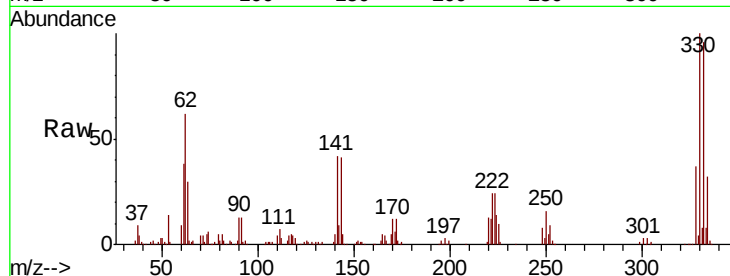
Tot Ion:330 Resp: 177625

Ion Ratio Lower Upper

330 100

332 95.0 75.7 113.5

141 39.3 35.6 53.4

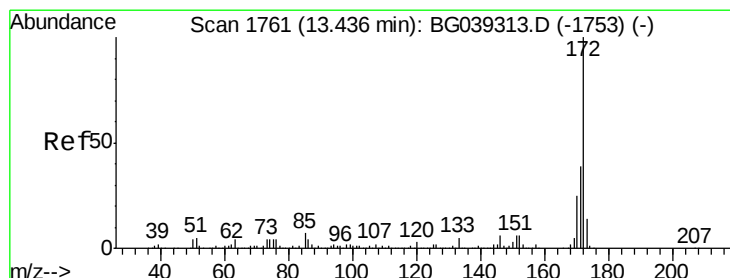
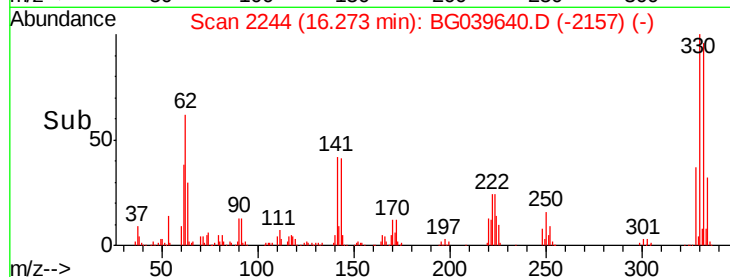
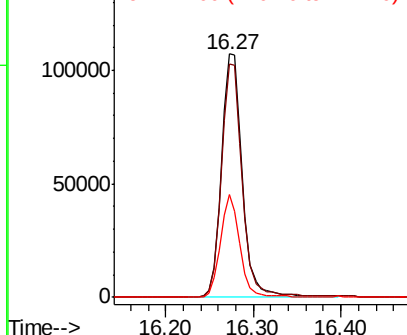


Abundance

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: 67.451 ng

RT: 13.41 min Scan# 1757

Delta R.T. -0.02 min

Lab File: BG039640.D

Acq: 27 Feb 2019 18:37

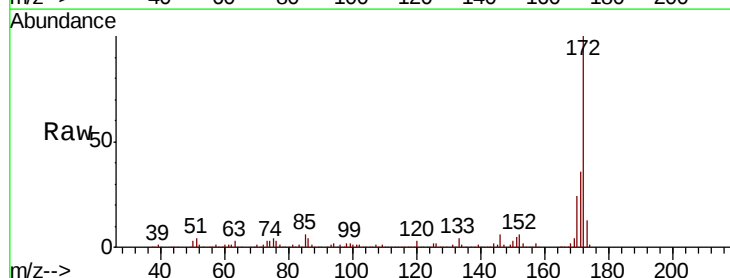
Tgt Ion:172 Resp: 663451

Ion Ratio Lower Upper

172 100

171 35.9 30.8 46.2

170 24.0 20.2 30.4

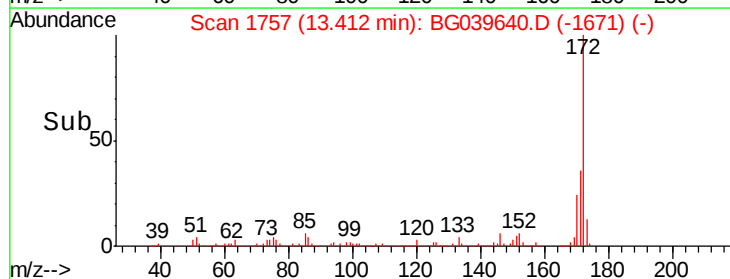
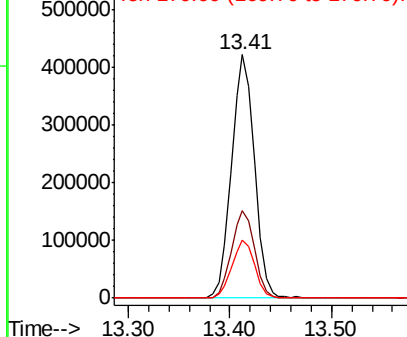


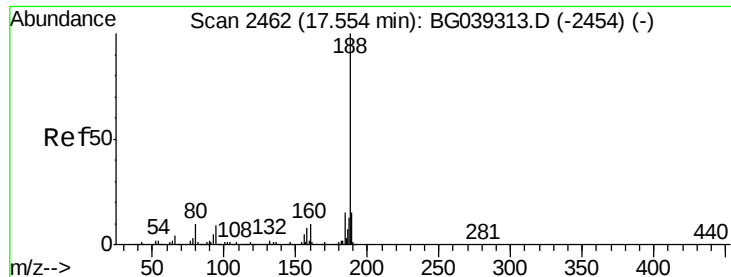
Abundance

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: 17.54 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039640.D

Acq: 27 Feb 2019 18:37

Instrument :

BNA_G

ClientSampleId :

PB117428BL

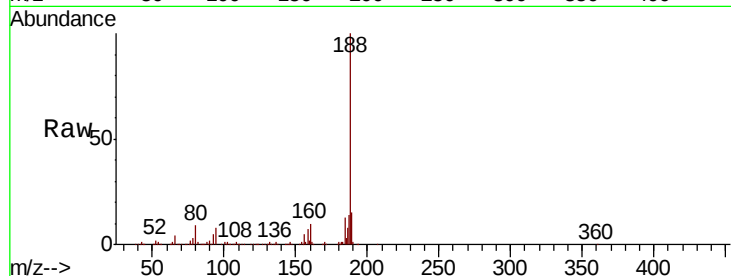
Tot Ion:188 Resp: 375116

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

80 8.5 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

300000

250000

200000

150000

100000

50000

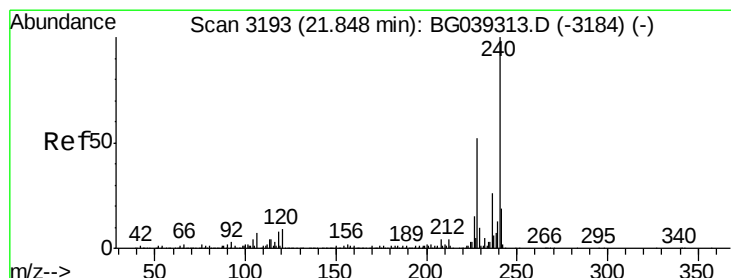
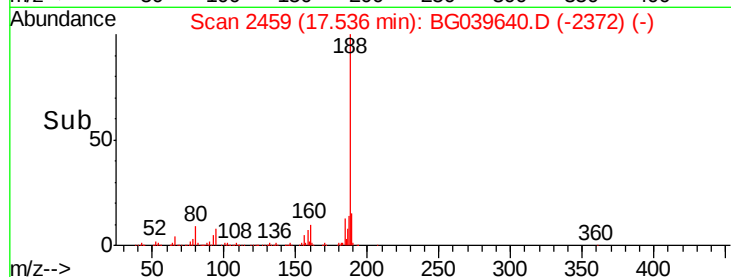
0

17.54

17.50

17.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.02 min

Lab File: BG039640.D

Acq: 27 Feb 2019 18:37

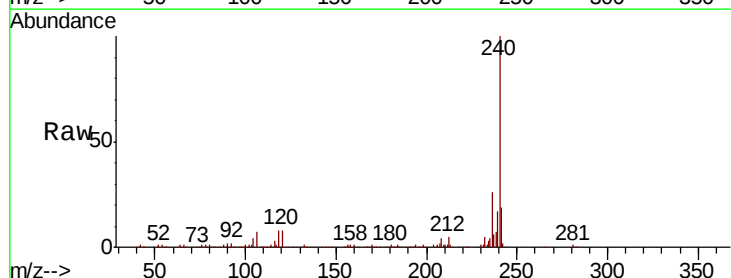
Tgt Ion:240 Resp: 393635

Ion Ratio Lower Upper

240 100

120 8.0 7.0 10.6

236 26.5 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

300000

250000

200000

150000

100000

50000

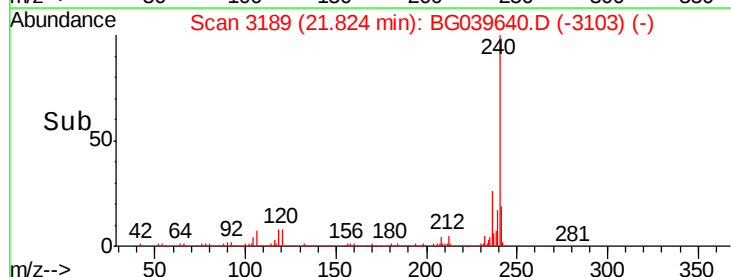
0

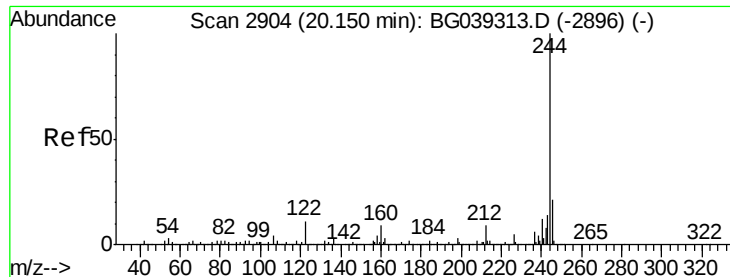
21.82

21.80

21.90

Time-->





#79

Terphenyl-d14

Concen: 62.000 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.02 min

Lab File: BG039640.D

Acq: 27 Feb 2019 18:37

Instrument :

BNA_G

ClientSampleId :

PB117428BL

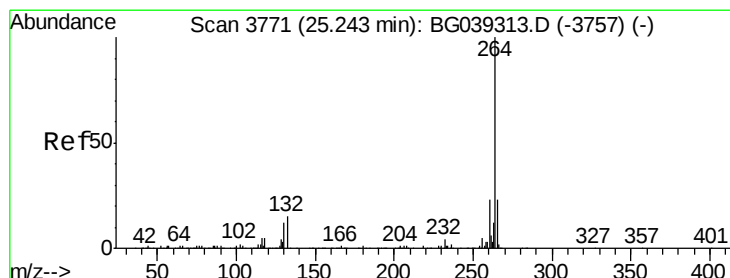
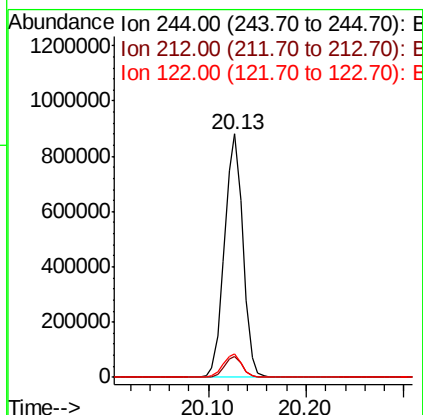
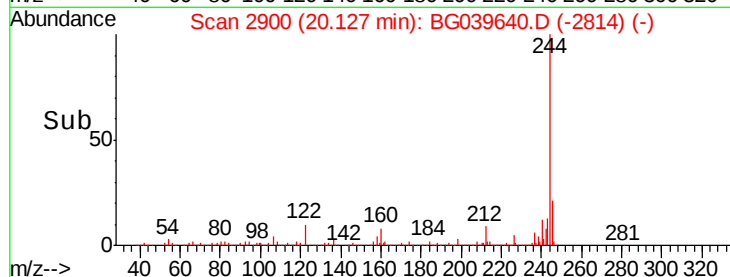
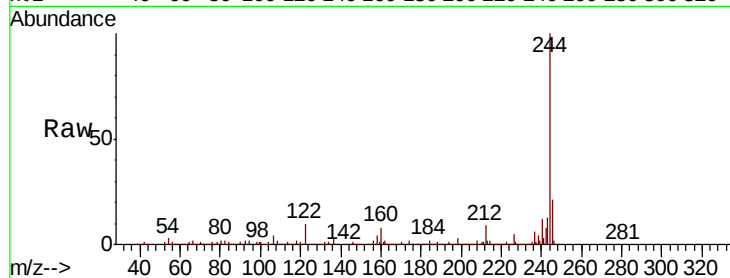
Tot Ion:244 Resp: 1152991

Ion Ratio Lower Upper

244 100

212 8.7 7.3 10.9

122 9.5 8.4 12.6



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3764

Delta R.T. -0.04 min

Lab File: BG039640.D

Acq: 27 Feb 2019 18:37

Tgt Ion:264 Resp: 393834

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 22.4 18.5 27.7

