

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030619\
 Data File : BG039784.D
 Acq On : 6 Mar 2019 12:50
 Operator : JU/SJ
 Sample : PB117613BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117613BL

Quant Time: Mar 07 00:27:26 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	43074	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	189857	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	134518	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	351487	20.00	ng	0.00
76) Chrysene-d12	21.81	240	368248	20.00	ng	-0.02
87) Perylene-d12	25.19	264	367055	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	343309	135.97	ng	0.00
7) Phenol-d6	7.30	99	498098	132.31	ng	0.00
23) Nitrobenzene-d5	9.33	82	290364	82.72	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	210349	134.16	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	762187	80.68	ng	0.00
79) Terphenyl-d14	20.12	244	1302377	77.87	ng	0.00

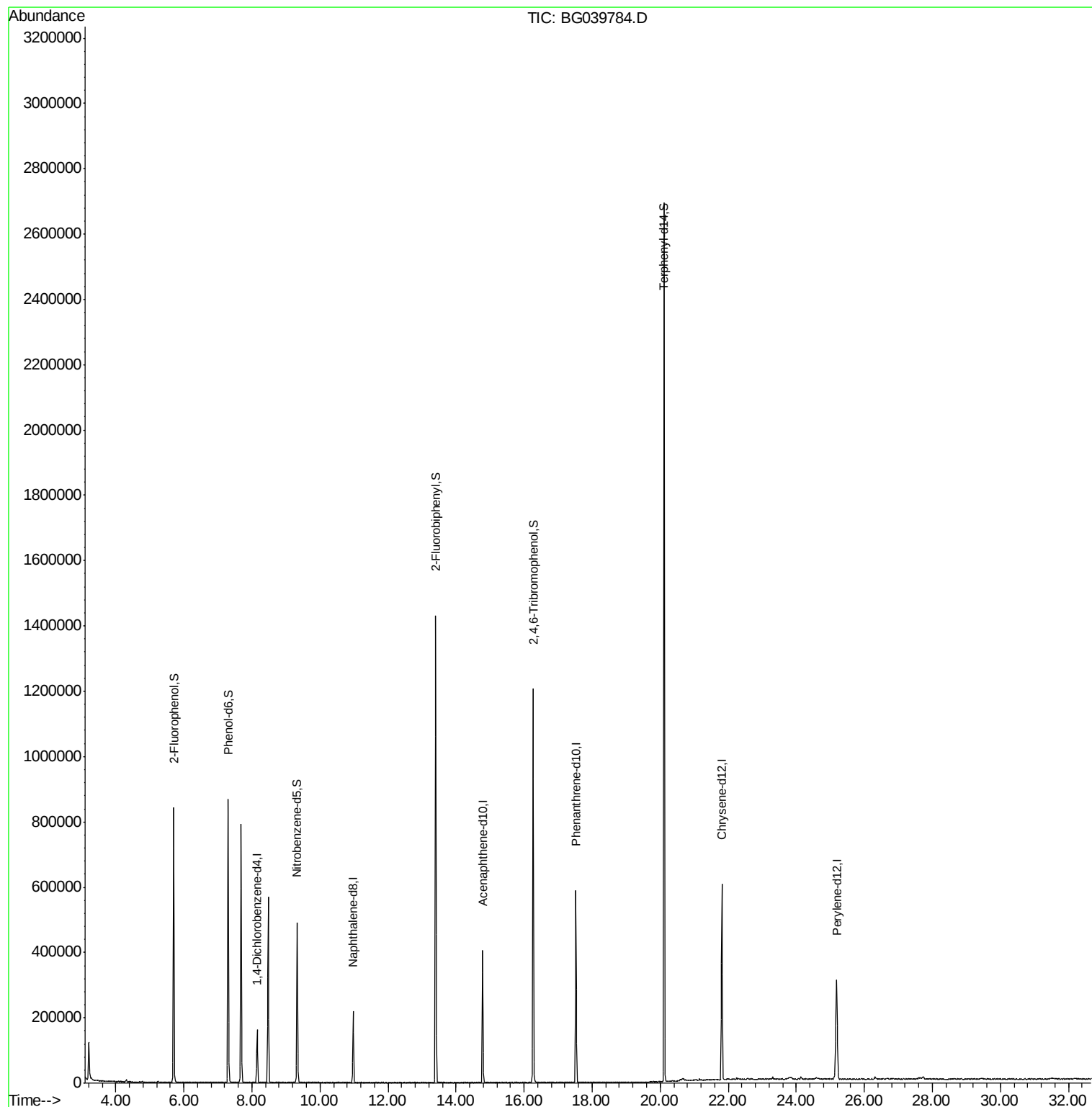
Target Compounds Qvalue

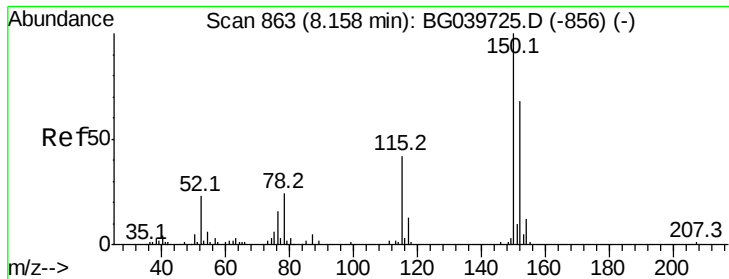
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030619\
Data File : BG039784.D
Acq On : 6 Mar 2019 12:50
Operator : JU/SJ
Sample : PB117613BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117613BL

Quant Time: Mar 07 00:27:26 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



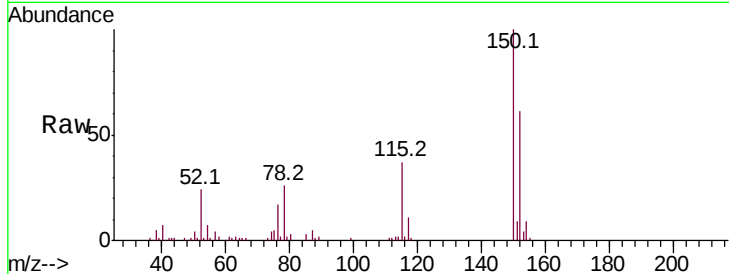


#1

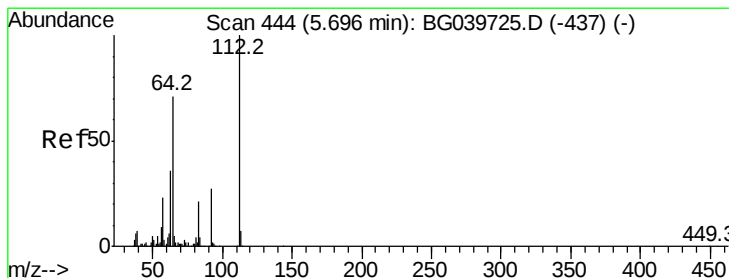
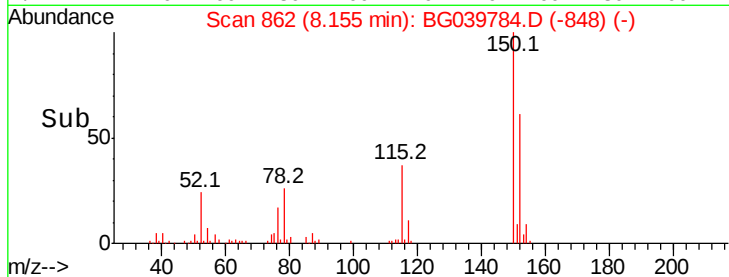
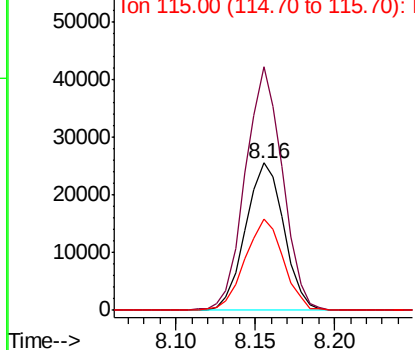
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039784.D
Acq: 6 Mar 2019 12:50

Instrument :
BNA_G
ClientSampleId :
PB117613BL

Tot Ion:152 Resp: 43074
Ion Ratio Lower Upper
152 100
150 165.3 123.7 185.5
115 61.8 45.9 68.9



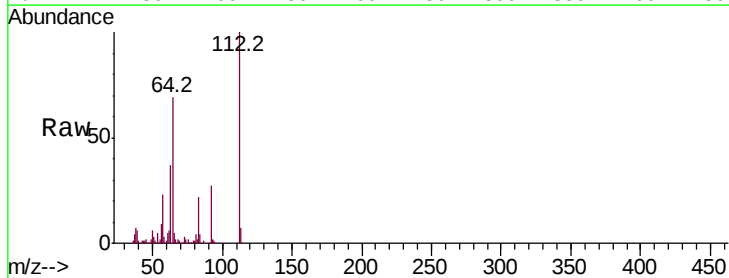
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



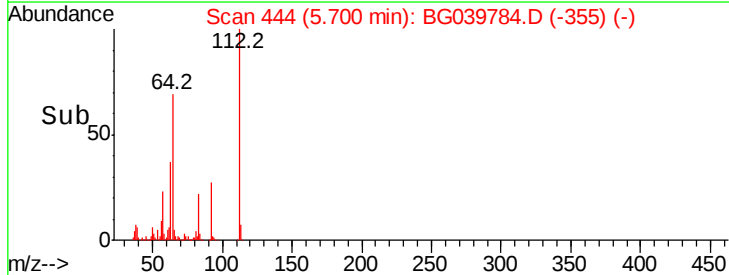
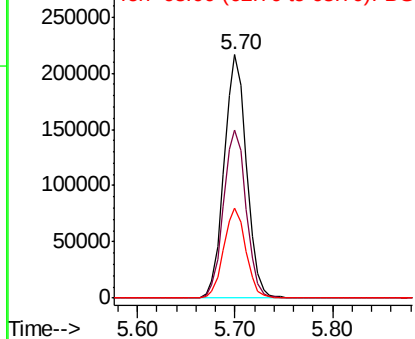
#5

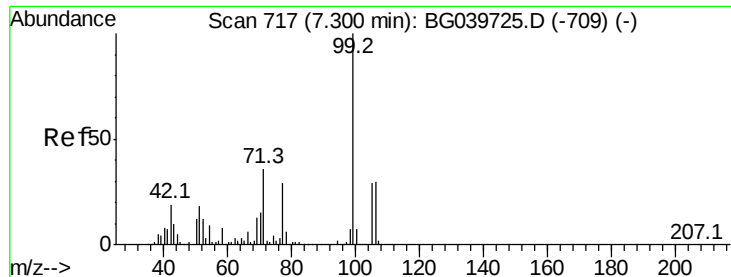
2-Fluorophenol
Concen: 135.973 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039784.D
Acq: 6 Mar 2019 12:50

Tgt Ion:112 Resp: 343309
Ion Ratio Lower Upper
112 100
64 68.8 57.8 86.8
63 37.0 29.8 44.6



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





#7

Phenol-d6

Concen: 132.308 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039784.D

Acq: 6 Mar 2019 12:50

Instrument :

BNA_G

ClientSampleId :

PB117613BL

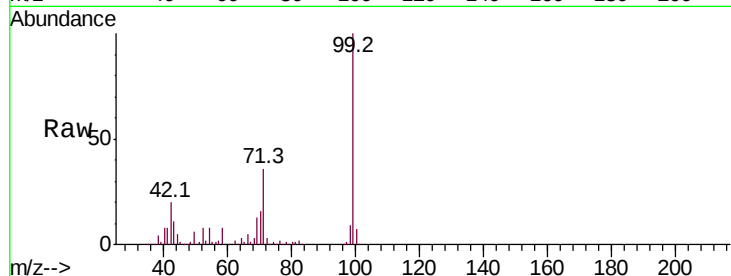
Tot Ion: 99 Resp: 498098

Ion Ratio Lower Upper

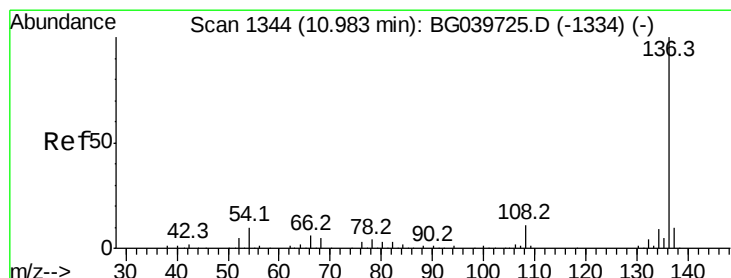
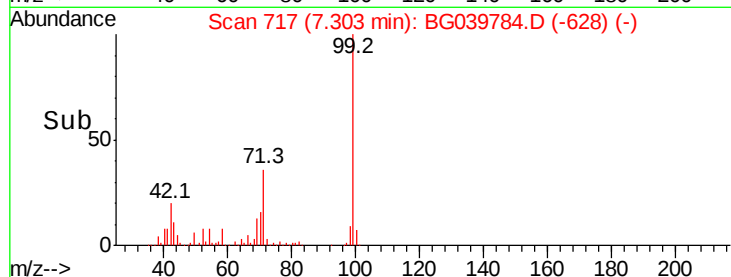
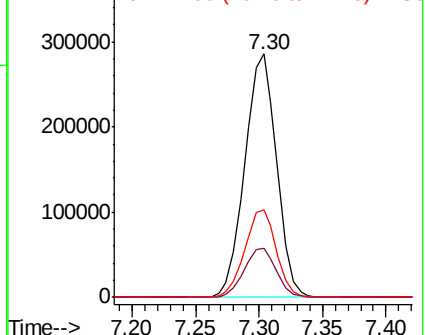
99 100

42 20.2 18.2 27.2

71 36.0 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: 10.97 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BG039784.D

Acq: 6 Mar 2019 12:50

Tgt Ion: 136 Resp: 189857

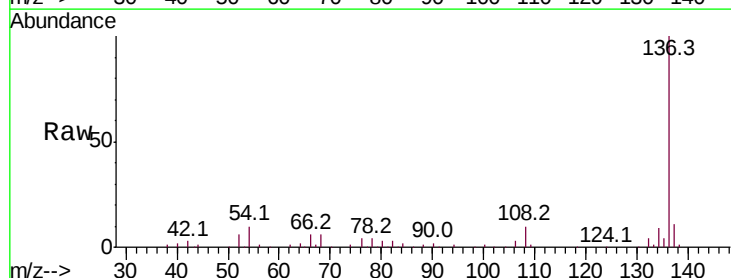
Ion Ratio Lower Upper

136 100

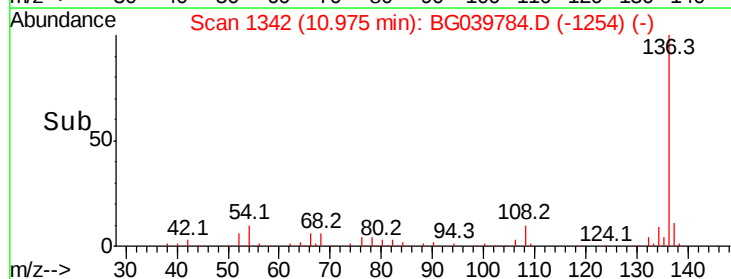
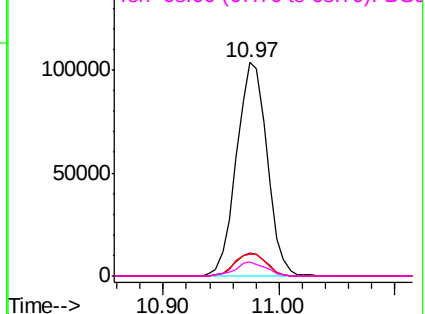
137 10.8 9.1 13.7

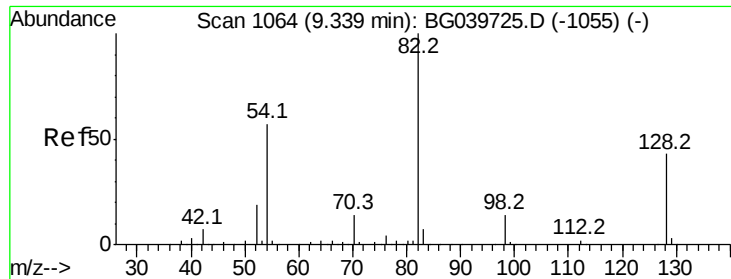
54 10.2 9.4 14.2

68 6.4 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: 82.715 ng

RT: 9.33 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BG039784.D

Acq: 6 Mar 2019 12:50

Instrument :

BNA_G

ClientSampleId :

PB117613BL

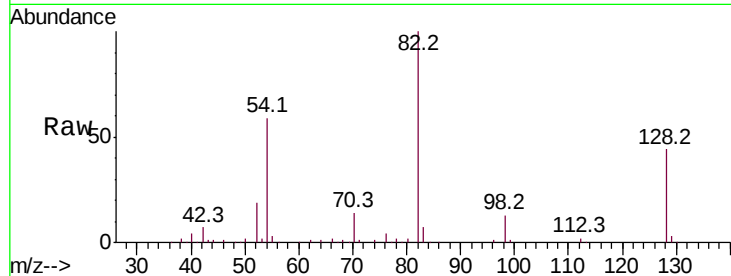
Tot Ion: 82 Resp: 290364

Ion Ratio Lower Upper

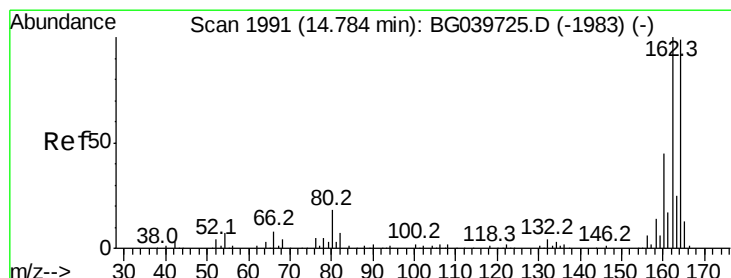
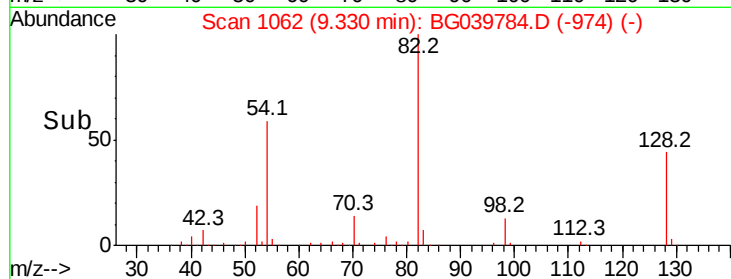
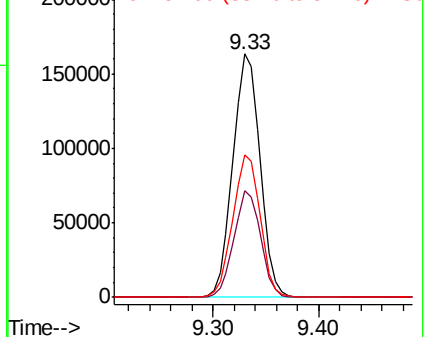
82 100

128 43.6 31.3 46.9

54 58.6 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# 1990

Delta R.T. -0.01 min

Lab File: BG039784.D

Acq: 6 Mar 2019 12:50

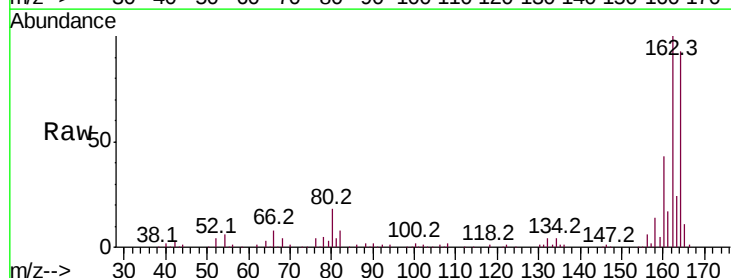
Tgt Ion:164 Resp: 134518

Ion Ratio Lower Upper

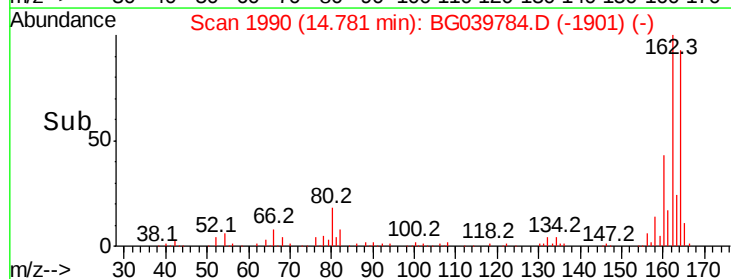
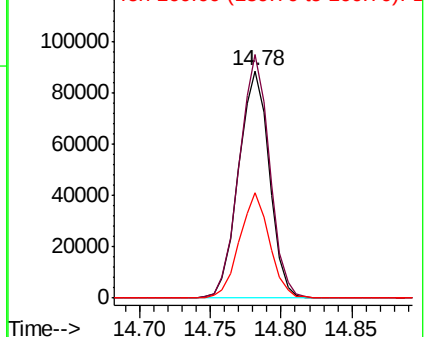
164 100

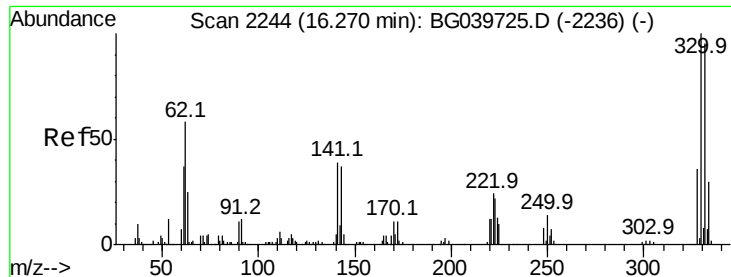
162 107.1 81.6 122.4

160 46.3 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: 134.159 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039784.D

Acq: 6 Mar 2019 12:50

Instrument :

BNA_G

ClientSampleId :

PB117613BL

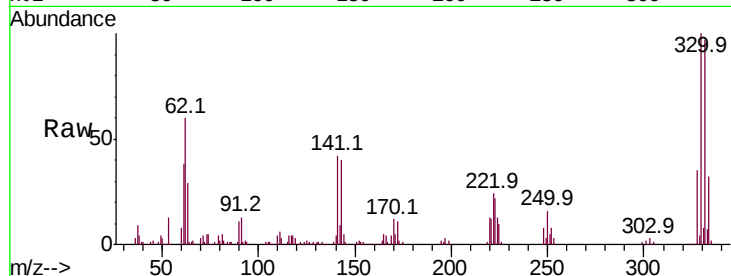
Tot Ion:330 Resp: 210349

Ion Ratio Lower Upper

330 100

332 97.7 75.7 113.5

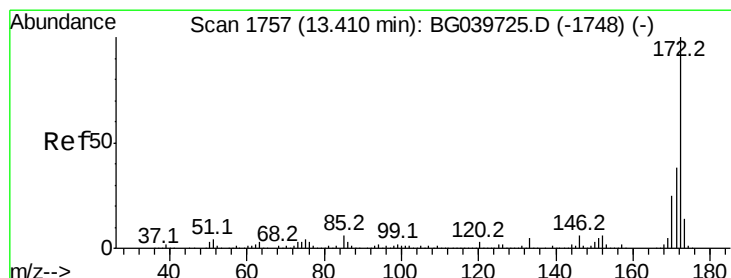
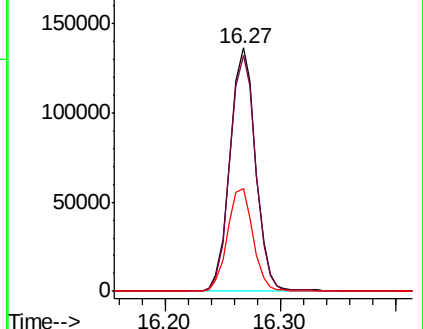
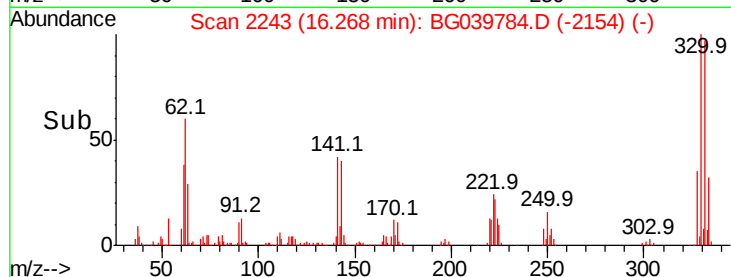
141 42.3 35.6 53.4



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: 80.675 ng

RT: 13.41 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG039784.D

Acq: 6 Mar 2019 12:50

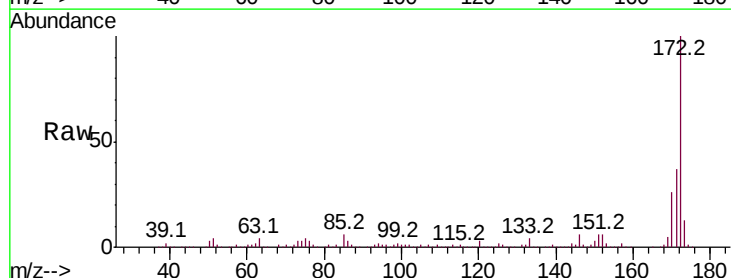
Tgt Ion:172 Resp: 762187

Ion Ratio Lower Upper

172 100

171 37.0 30.8 46.2

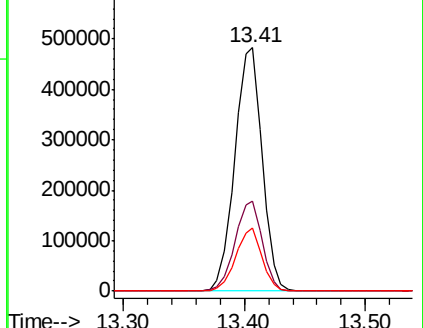
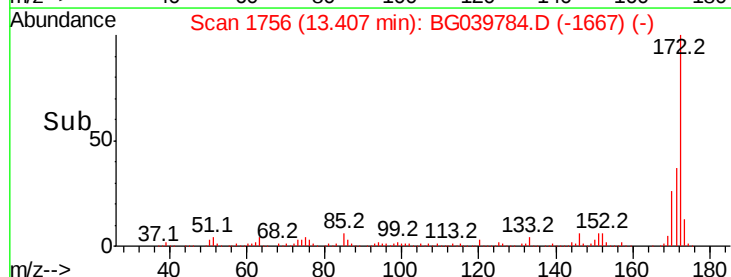
170 25.7 20.2 30.4

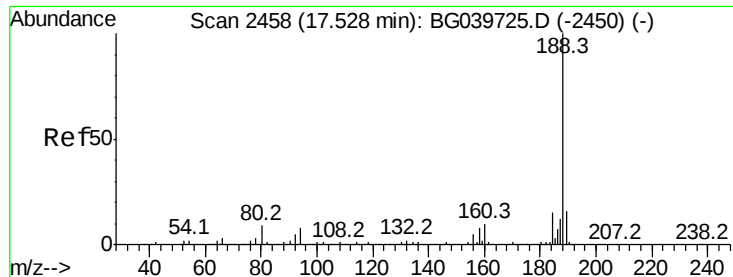


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

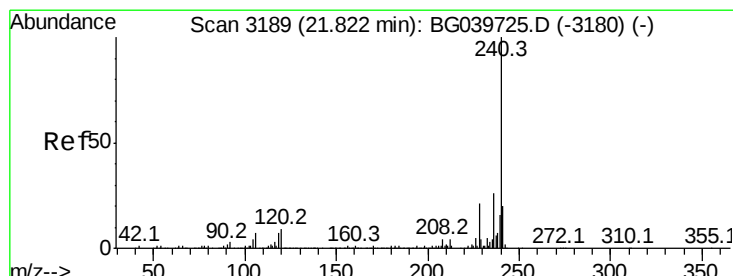
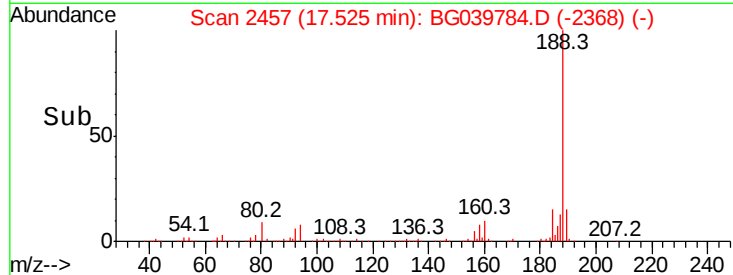
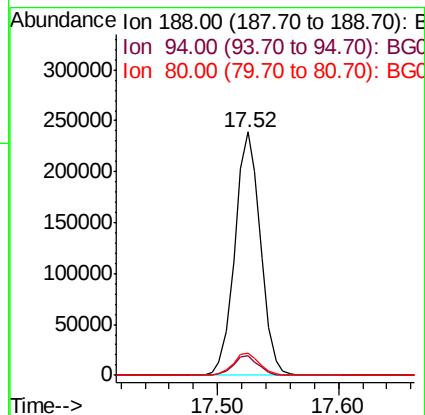
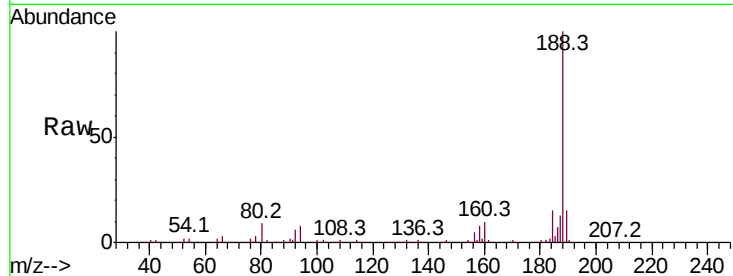




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039784.D
Acq: 6 Mar 2019 12:50

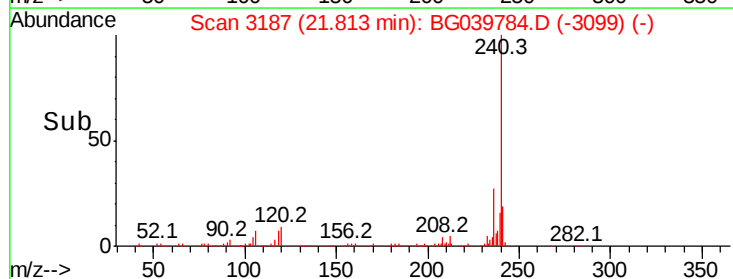
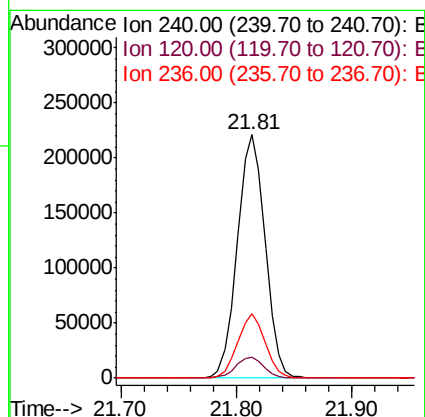
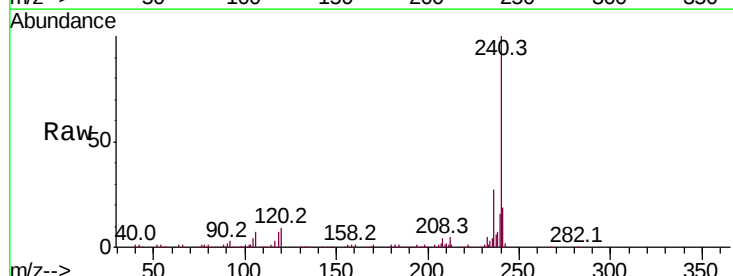
Instrument :
BNA_G
ClientSampleId :
PB117613BL

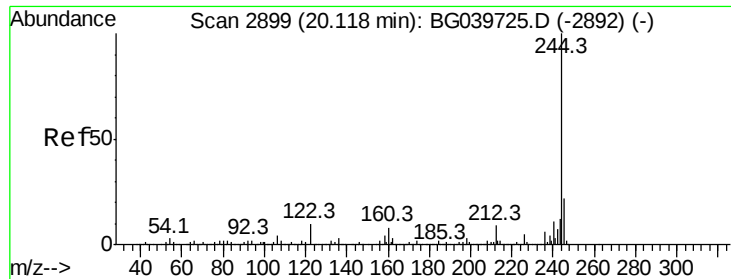
Tot Ion:188 Resp: 351487
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.0 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039784.D
Acq: 6 Mar 2019 12:50

Tgt Ion:240 Resp: 368248
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.6
236 26.7 21.0 31.4





#79

Terphenyl-d14

Concen: 77.871 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG039784.D

Acq: 6 Mar 2019 12:50

Instrument :

BNA_G

ClientSampleId :

PB117613BL

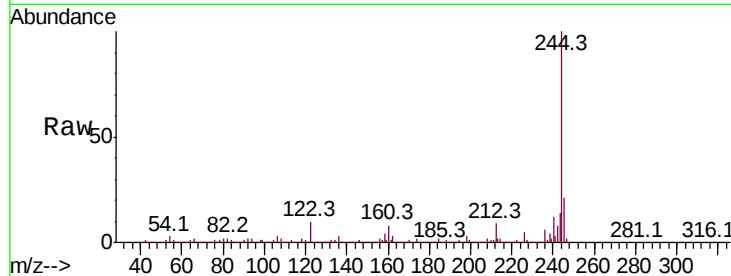
Tot Ion:244 Resp: 1302377

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

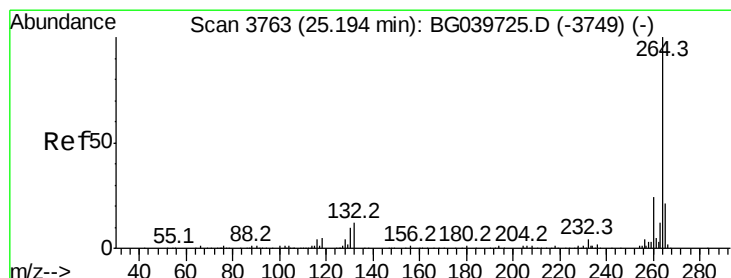
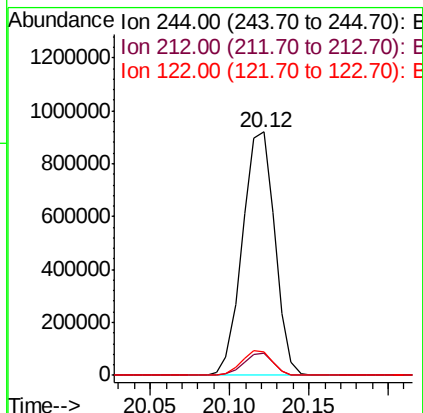
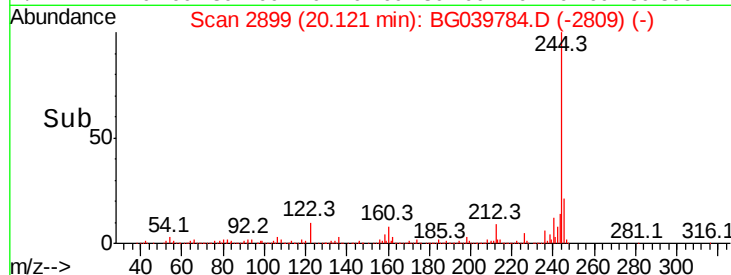
122 9.6 8.4 12.6



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: BG039784.D

Acq: 6 Mar 2019 12:50

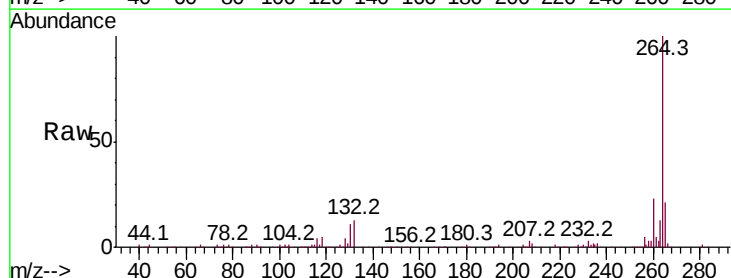
Tgt Ion:264 Resp: 367055

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 21.3 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

