

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039039.D
 Acq On : 10 Jan 2019 3:01
 Operator : JU/SJ
 Sample : PB116262BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116262BL

Quant Time: Jan 10 05:07:41 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 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	20246	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	85127	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	65258	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	190751	20.00	ng	0.00
76) Chrysene-d12	21.70	240	194492	20.00	ng	0.00
87) Perylene-d12	24.98	264	205676	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	104824	98.22	ng	0.00
7) Phenol-d6	7.18	99	144945	94.37	ng	0.00
23) Nitrobenzene-d5	9.21	82	84588	54.37	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	97237	88.89	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	262854	55.12	ng	0.00
79) Terphenyl-d14	20.02	244	606842	57.72	ng	0.00

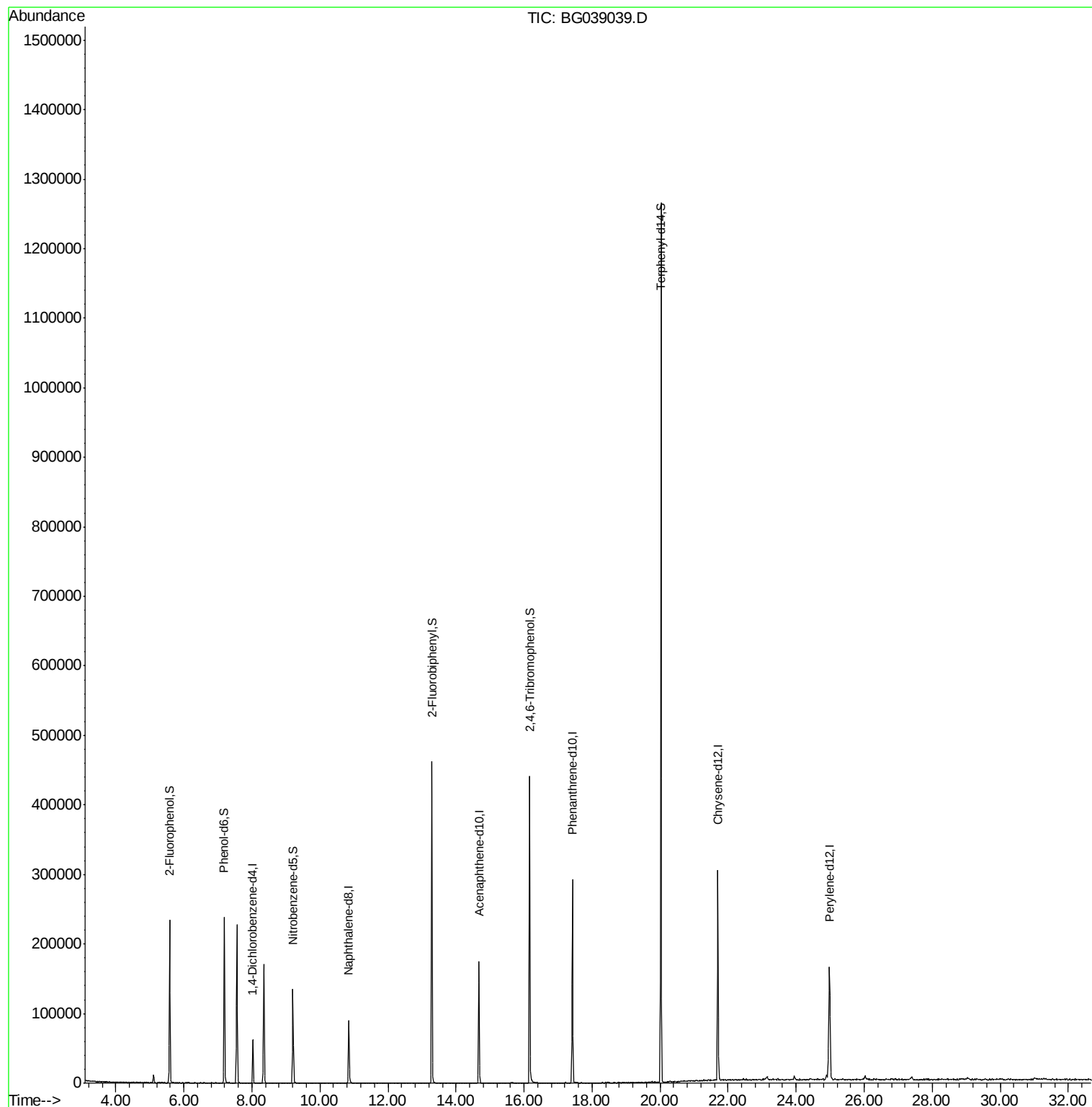
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
Data File : BG039039.D
Acq On : 10 Jan 2019 3:01
Operator : JU/SJ
Sample : PB116262BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116262BL

Quant Time: Jan 10 05:07:41 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 09 14:23:53 2019
Response via : Initial Calibration



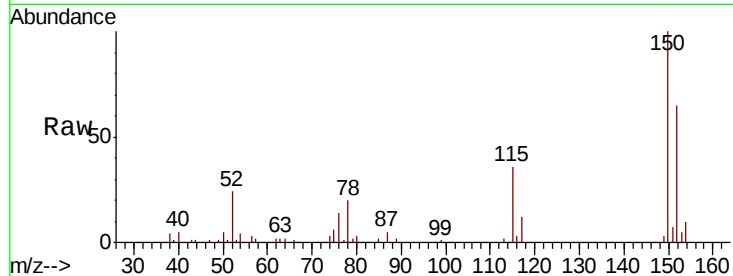


#1

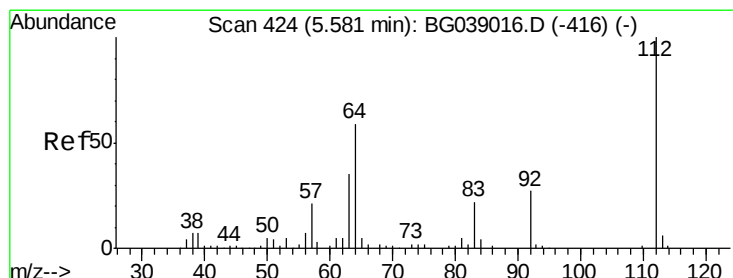
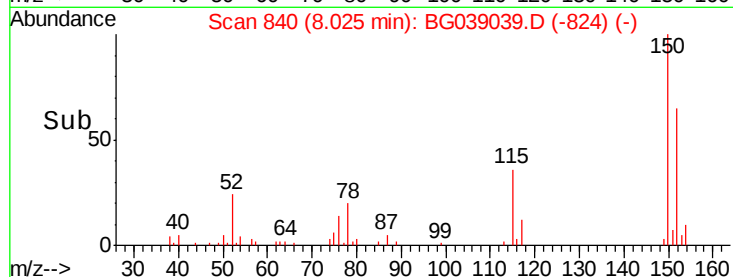
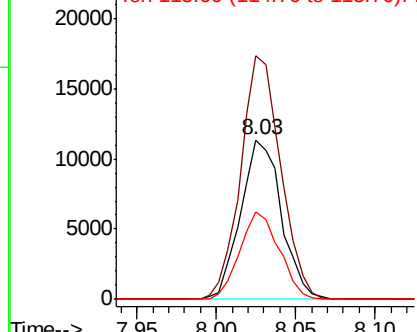
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Instrument :
BNA_G
ClientSampleId :
PB116262BL

Tot Ion:152 Resp: 20246
Ion Ratio Lower Upper
152 100
150 152.8 124.7 187.1
115 54.8 46.5 69.7



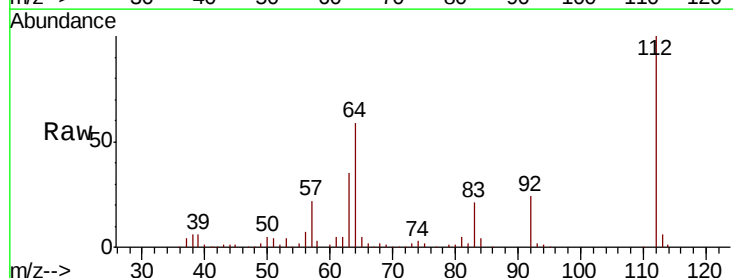
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



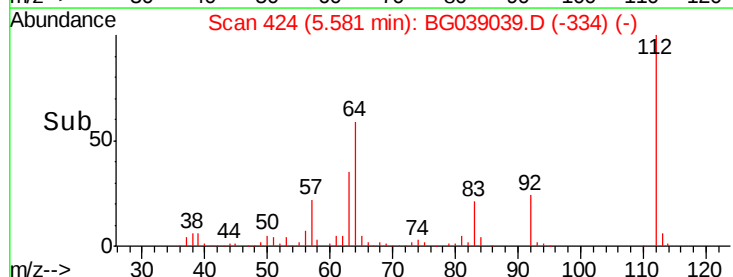
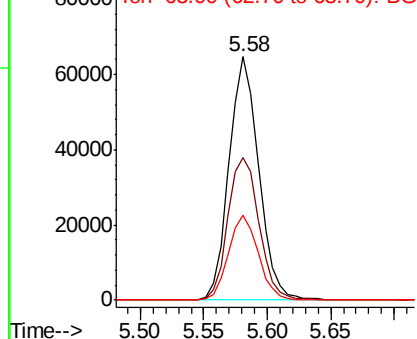
#5

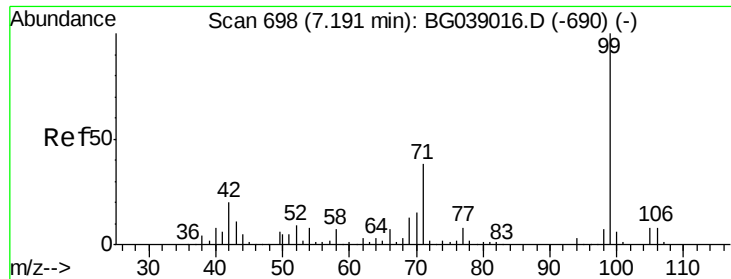
2-Fluorophenol
Concen: 98.217 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039039.D
Acq: 10 Jan 2019 3:01

Tgt Ion:112 Resp: 104824
Ion Ratio Lower Upper
112 100
64 58.6 47.0 70.6
63 35.0 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: 94.368 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039039.D

Acq: 10 Jan 2019 3:01

Instrument :

BNA_G

ClientSampleId :

PB116262BL

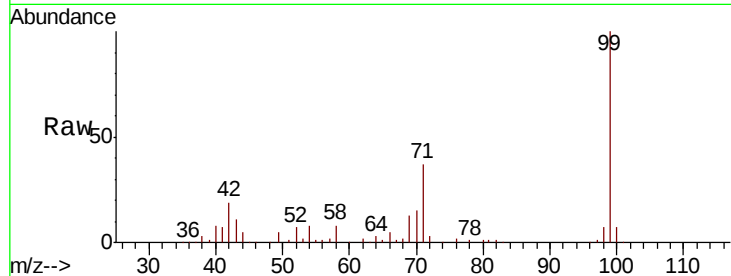
Tot Ion: 99 Resp: 144945

Ion Ratio Lower Upper

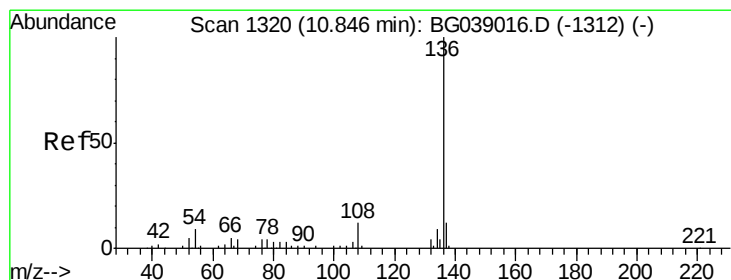
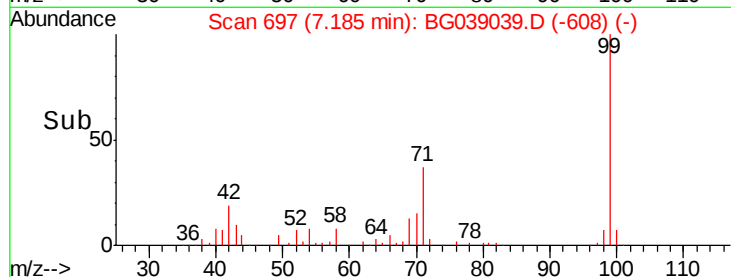
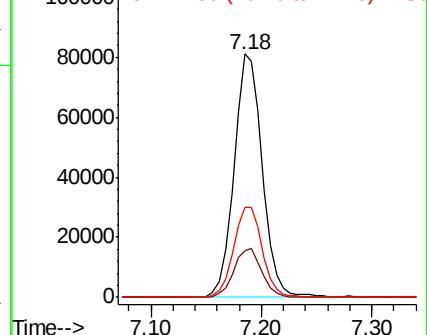
99 100

42 19.3 15.8 23.6

71 36.9 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: 10.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039039.D

Acq: 10 Jan 2019 3:01

Tgt Ion: 136 Resp: 85127

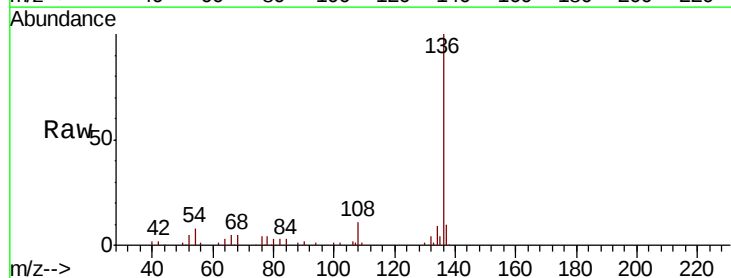
Ion Ratio Lower Upper

136 100

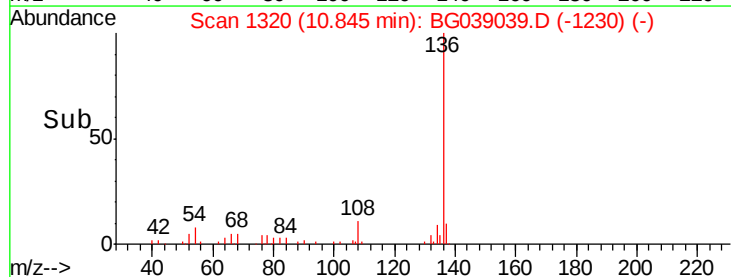
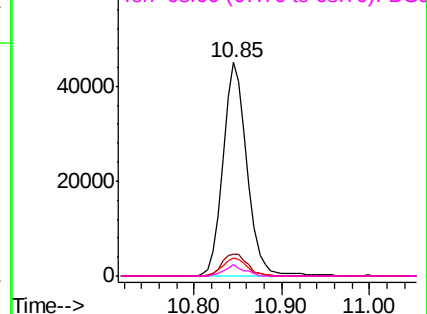
137 10.1 9.4 14.2

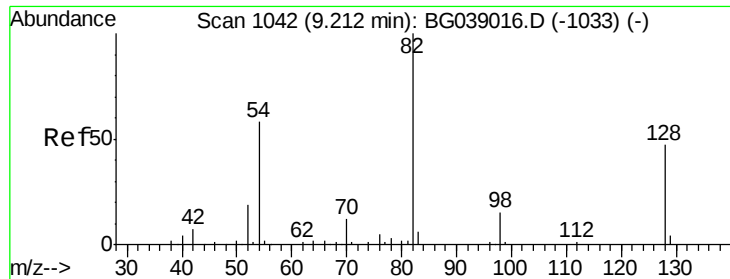
54 8.2 7.2 10.8

68 5.2 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

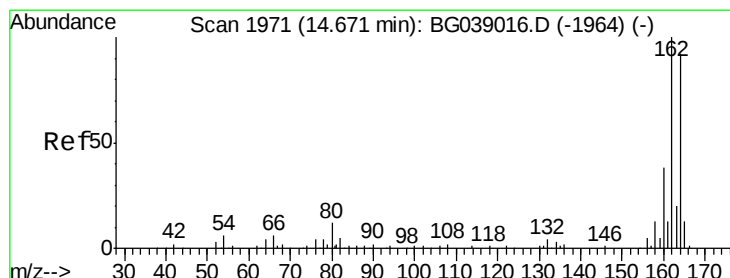
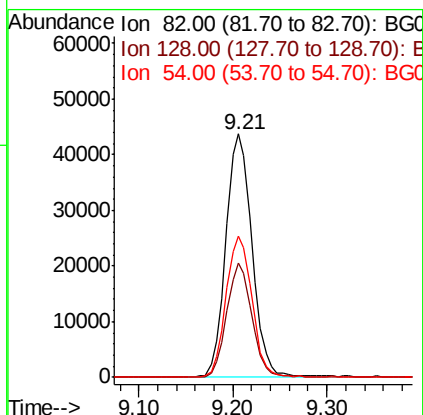
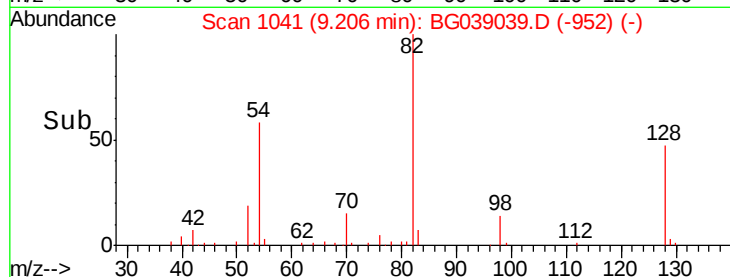
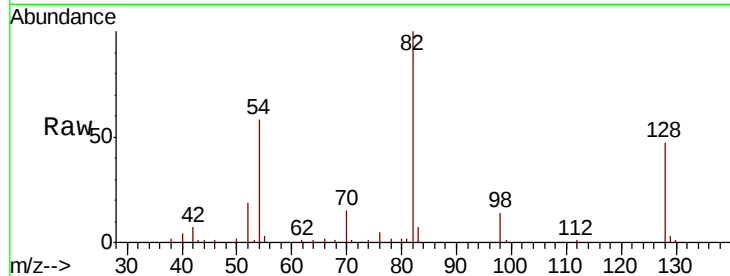




#23
 Nitrobenzene-d5
 Concen: 54.373 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039039.D
 Acq: 10 Jan 2019 3:01

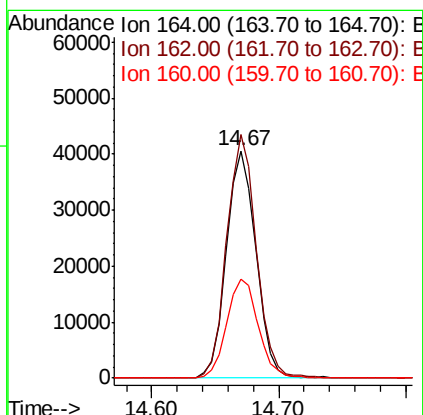
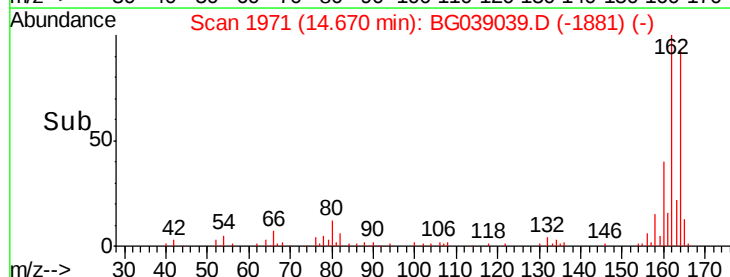
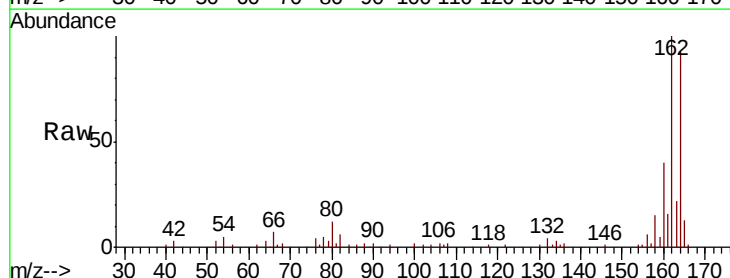
Instrument :
 BNA_G
 ClientSampleId :
 PB116262BL

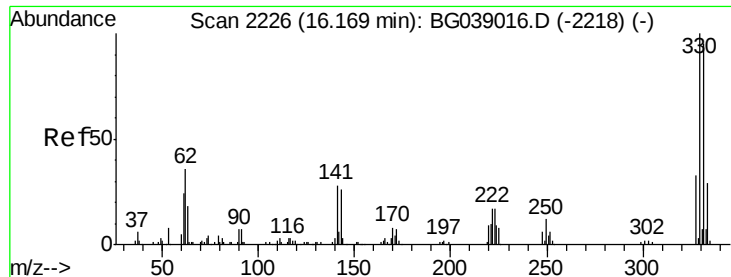
Tot Ion	82	Resp	84588
Ion Ratio	Lower	Upper	
82	100		
128	47.1	37.3	55.9
54	57.9	46.4	69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG039039.D
 Acq: 10 Jan 2019 3:01

Tgt Ion	164	Resp	65258
Ion Ratio	Lower	Upper	
164	100		
162	107.0	87.2	130.8
160	43.3	33.3	49.9





#42

2,4,6-Tribromophenol

Concen: 88.890 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039039.D

Acq: 10 Jan 2019 3:01

Instrument :

BNA_G

ClientSampleId :

PB116262BL

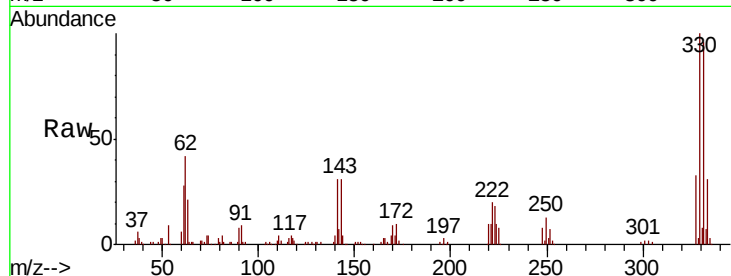
Tot Ion:330 Resp: 97237

Ion Ratio Lower Upper

330 100

332 95.2 75.7 113.5

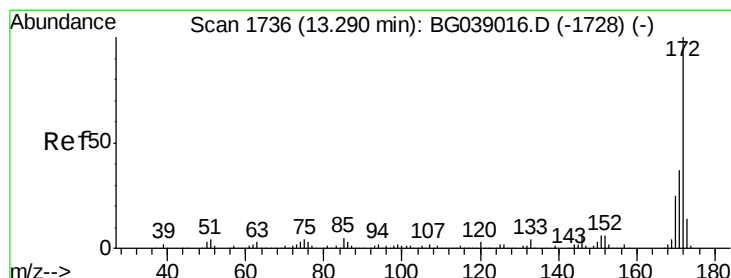
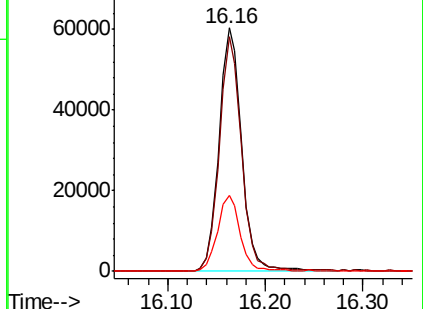
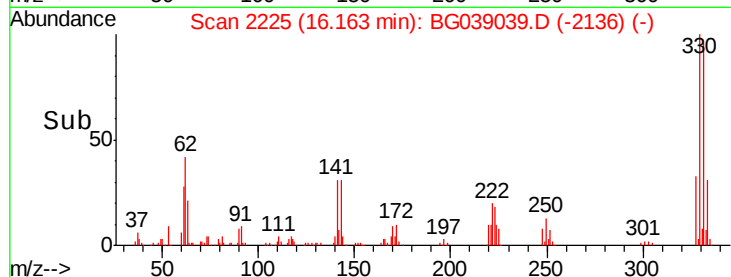
141 31.1 24.9 37.3



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: 55.125 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BG039039.D

Acq: 10 Jan 2019 3:01

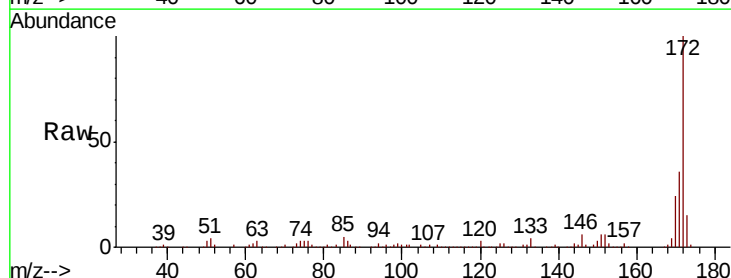
Tgt Ion:172 Resp: 262854

Ion Ratio Lower Upper

172 100

171 35.8 29.4 44.0

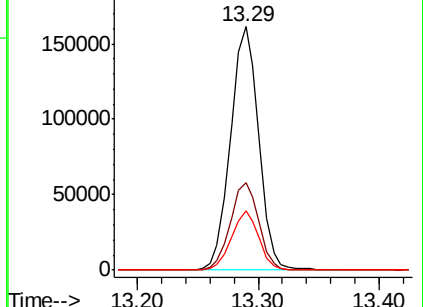
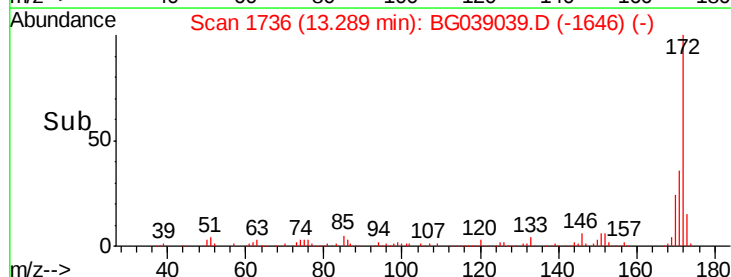
170 24.3 20.1 30.1

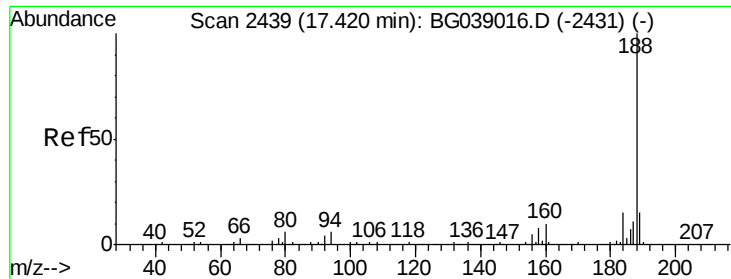


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG039039.D

Acq: 10 Jan 2019 3:01

Instrument :

BNA_G

ClientSampleId :

PB116262BL

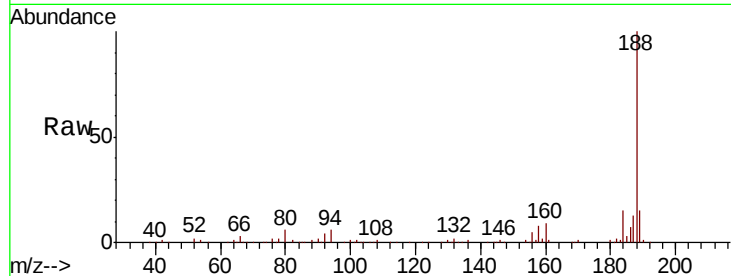
Tot Ion:188 Resp: 190751

Ion Ratio Lower Upper

188 100

94 6.2 5.0 7.4

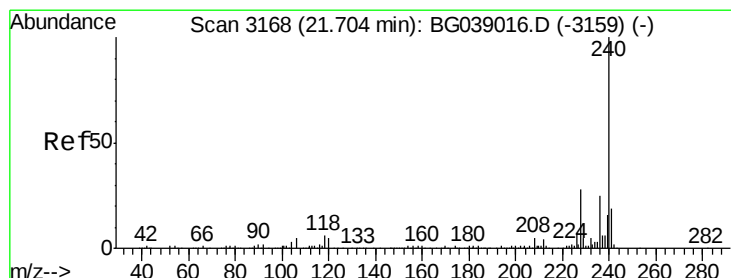
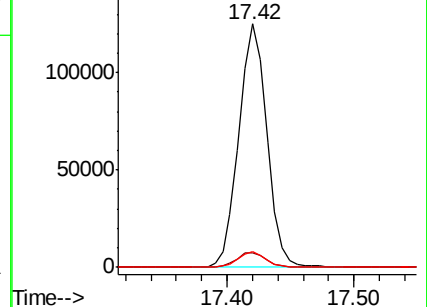
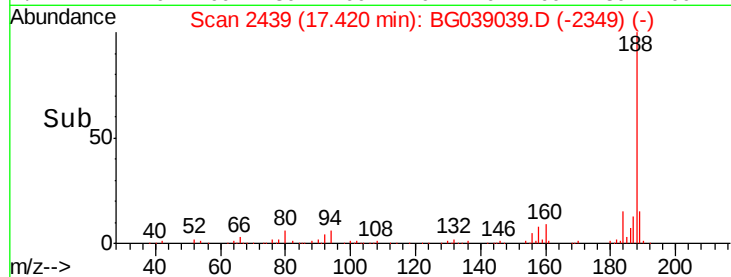
80 6.5 4.7 7.1



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: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG039039.D

Acq: 10 Jan 2019 3:01

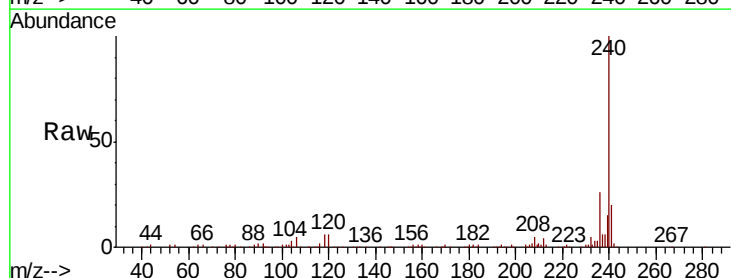
Tgt Ion:240 Resp: 194492

Ion Ratio Lower Upper

240 100

120 6.4 4.3 6.5

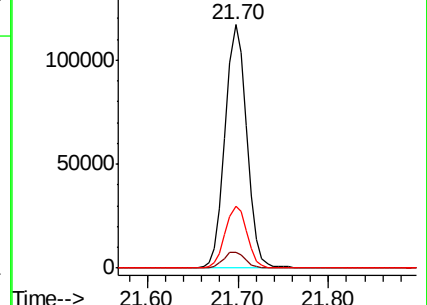
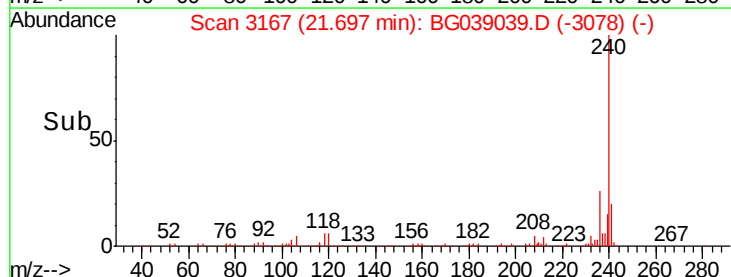
236 25.5 20.1 30.1

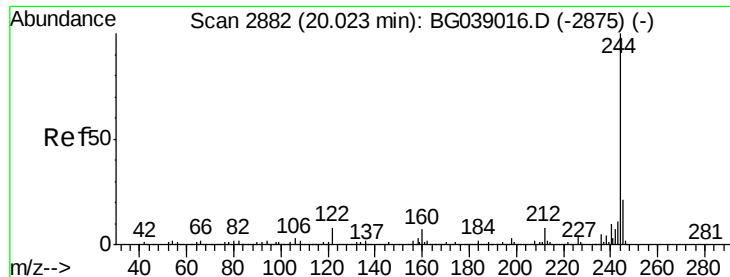


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 57.719 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039039.D

Acq: 10 Jan 2019 3:01

Instrument :

BNA_G

ClientSampleId :

PB116262BL

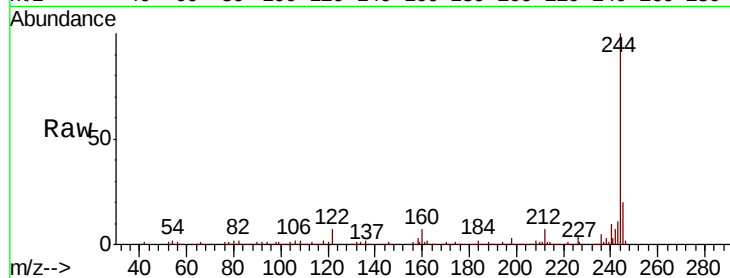
Tot Ion:244 Resp: 606842

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

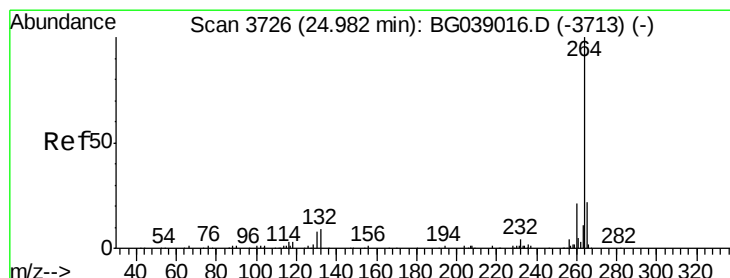
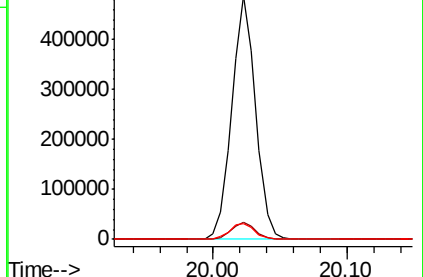
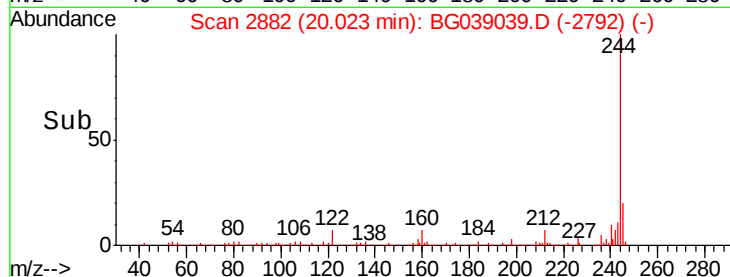
122 6.7 6.1 9.1



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: 24.98 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BG039039.D

Acq: 10 Jan 2019 3:01

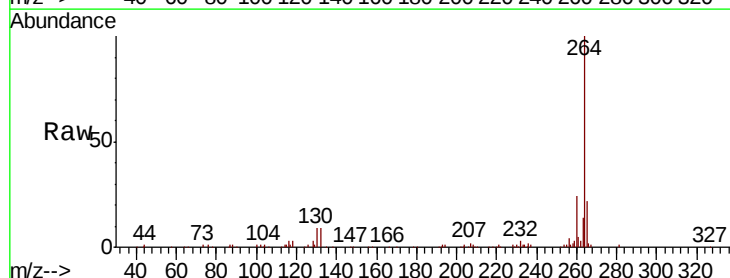
Tgt Ion:264 Resp: 205676

Ion Ratio Lower Upper

264 100

260 23.5 17.0 25.6

265 21.7 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

