

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039058.D
 Acq On : 10 Jan 2019 18:41
 Operator : JU/SJ
 Sample : PB116278BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116278BL

Quant Time: Jan 11 05:29:08 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	18123	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	77277	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	58750	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	172370	20.00	ng	0.00
76) Chrysene-d12	21.69	240	179230	20.00	ng	-0.01
87) Perylene-d12	24.98	264	191242	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	120483	126.11	ng	0.00
7) Phenol-d6	7.19	99	169223	123.08	ng	0.00
23) Nitrobenzene-d5	9.21	82	99021	70.12	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	114859	116.63	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	310880	72.42	ng	0.00
79) Terphenyl-d14	20.02	244	688922	71.11	ng	0.00

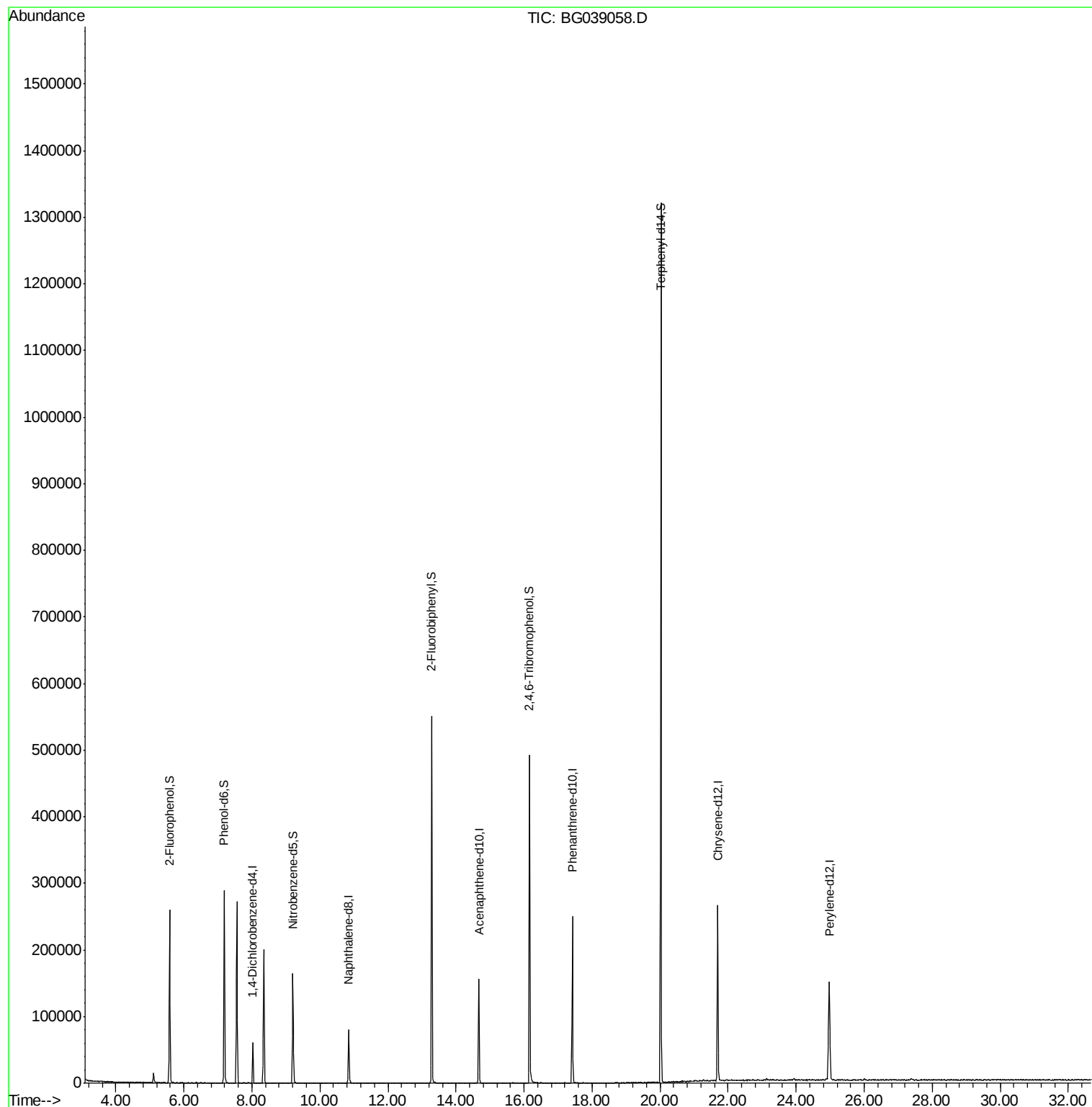
Target Compounds Qvalue

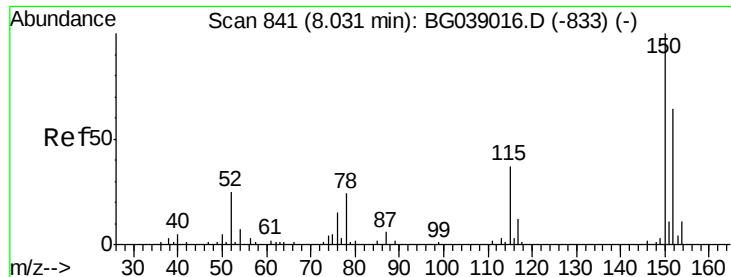
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
Data File : BG039058.D
Acq On : 10 Jan 2019 18:41
Operator : JU/SJ
Sample : PB116278BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116278BL

Quant Time: Jan 11 05:29:08 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



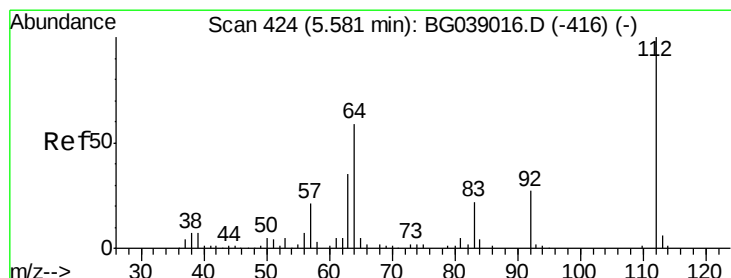
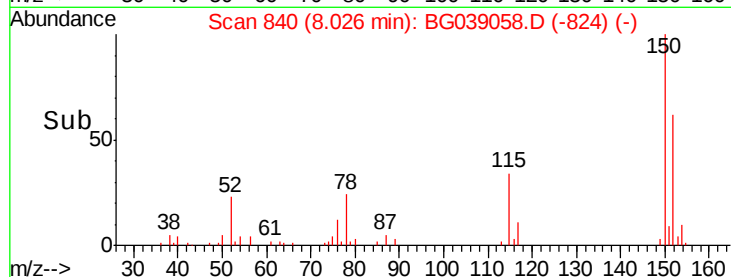
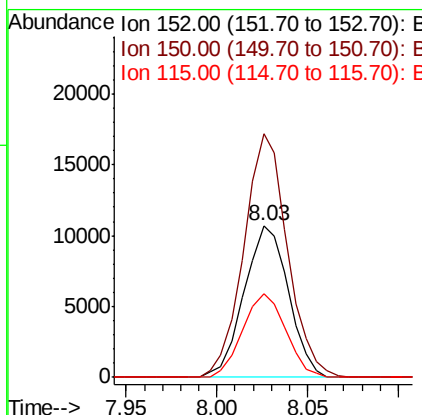
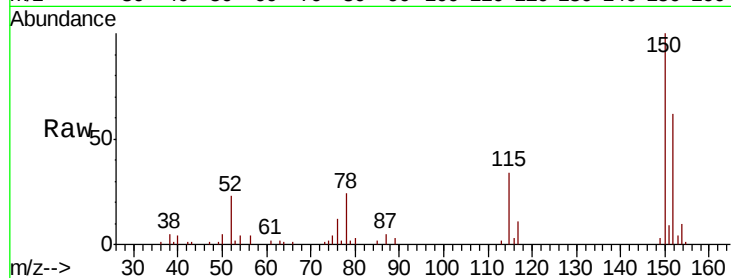


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BG039058.D
 Acq: 10 Jan 2019 18:41

Instrument :
 BNA_G
 ClientSampleId :
 PB116278BL

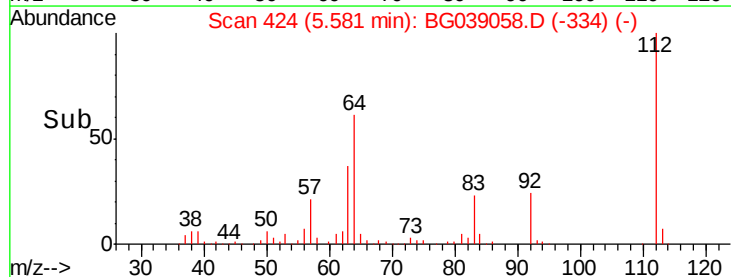
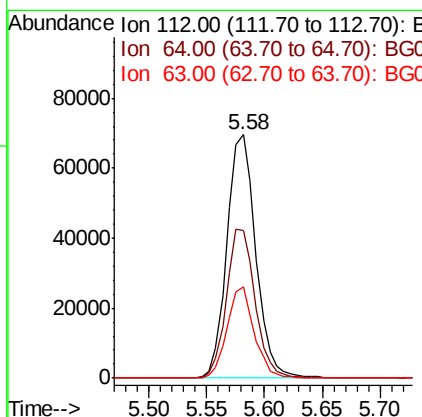
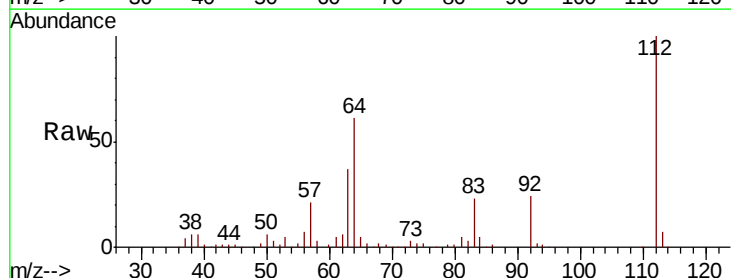
Tot Ion	152	Resp	18123
Ion Ratio	Lower	Upper	
152	100		
150	160.7	124.7	187.1
115	55.2	46.5	69.7



#5

2-Fluorophenol
 Concen: 126.113 ng
 RT: 5.58 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: BG039058.D
 Acq: 10 Jan 2019 18:41

Tgt Ion	112	Resp	120483
Ion Ratio	Lower	Upper	
112	100		
64	60.7	47.0	70.6
63	37.4	28.0	42.0





#7

Phenol-d6

Concen: 123.081 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039058.D

Acq: 10 Jan 2019 18:41

Instrument :

BNA_G

ClientSampleId :

PB116278BL

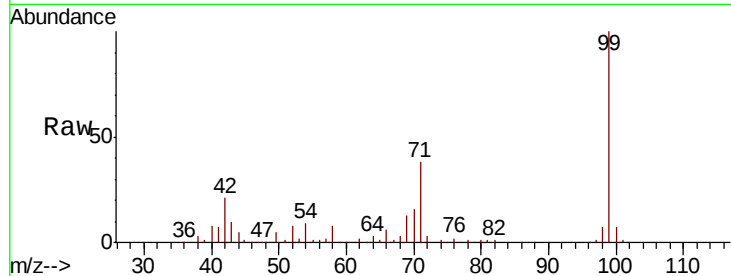
Tot Ion: 99 Resp: 169223

Ion Ratio Lower Upper

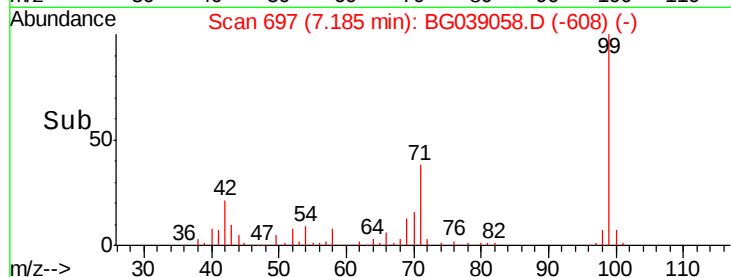
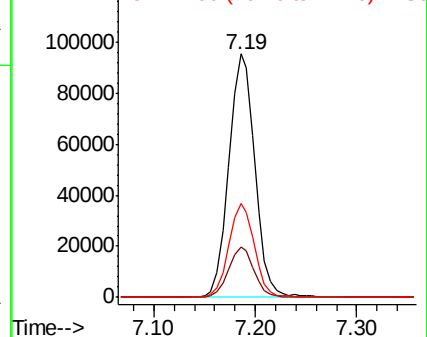
99 100

42 20.6 15.8 23.6

71 38.3 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: 10.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BG039058.D

Acq: 10 Jan 2019 18:41

Tgt Ion: 136 Resp: 77277

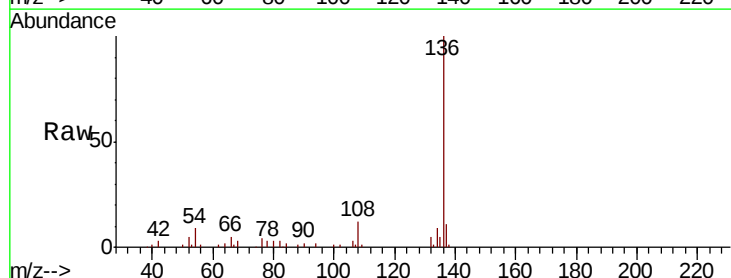
Ion Ratio Lower Upper

136 100

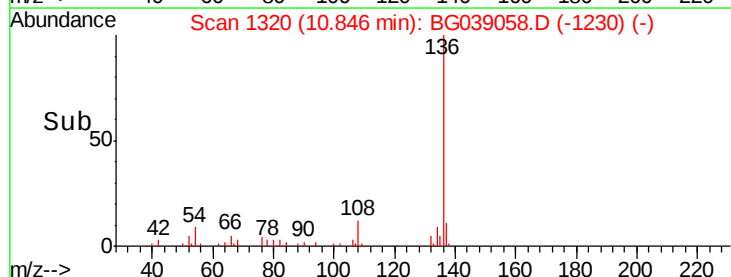
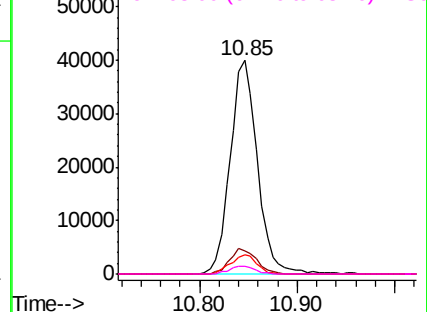
137 11.1 9.4 14.2

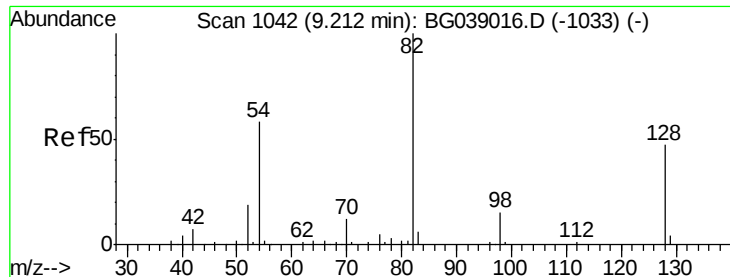
54 8.9 7.2 10.8

68 3.4 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

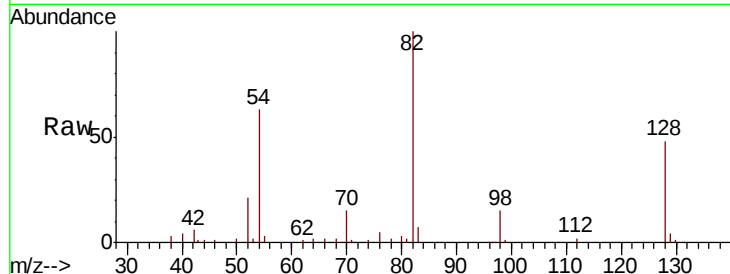




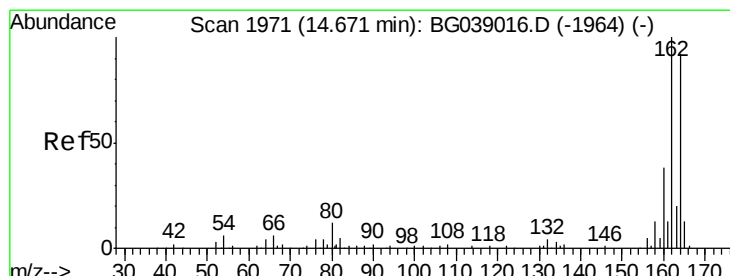
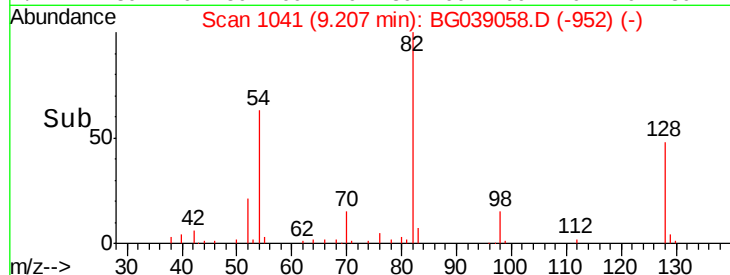
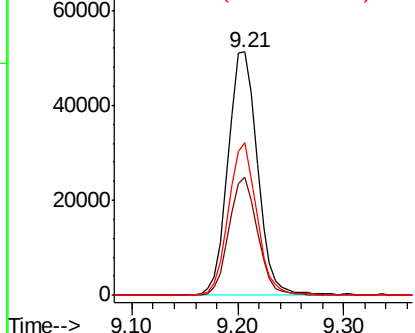
#23
Nitrobenzene-d5
Concen: 70.116 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039058.D
Acq: 10 Jan 2019 18:41

Instrument :
BNA_G
ClientSampleId :
PB116278BL

Tot Ion	82.00	Resp	99021
Ion Ratio	Lower	Upper	
82	100		
128	48.4	37.3	55.9
54	62.8	46.4	69.6

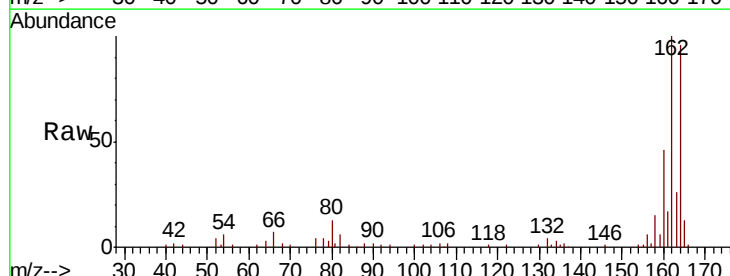


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

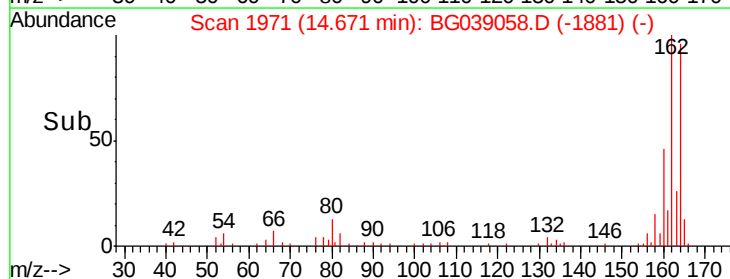
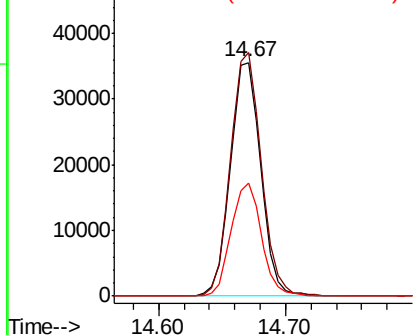


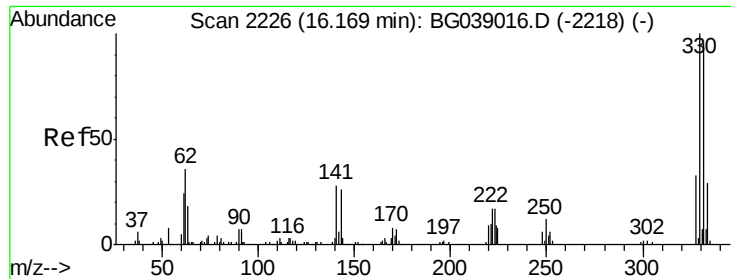
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG039058.D
Acq: 10 Jan 2019 18:41

Tgt Ion	164.00	Resp	58750
Ion Ratio	Lower	Upper	
164	100		
162	104.2	87.2	130.8
160	48.3	33.3	49.9



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: 116.630 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039058.D

Acq: 10 Jan 2019 18:41

Instrument :

BNA_G

ClientSampleId :

PB116278BL

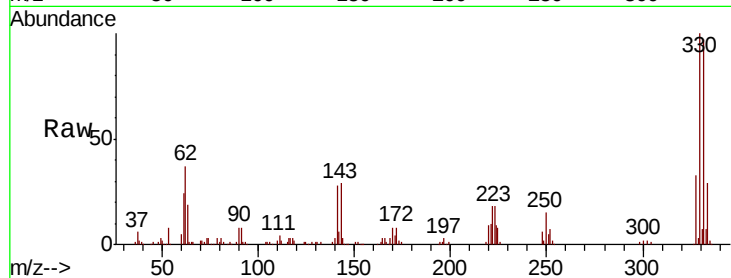
Tot Ion:330 Resp: 114859

Ion Ratio Lower Upper

330 100

332 94.4 75.7 113.5

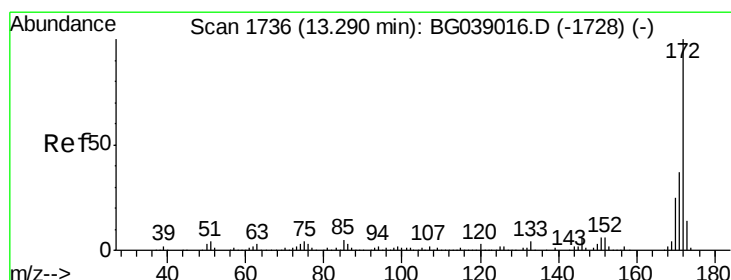
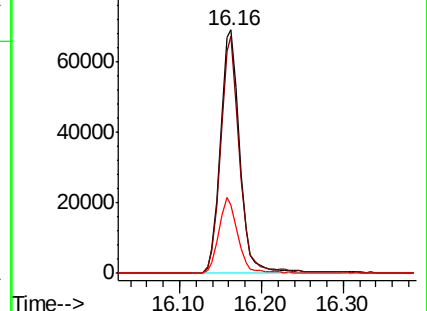
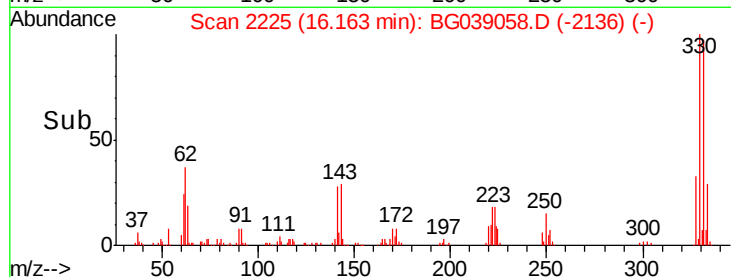
141 30.2 24.9 37.3



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: 72.419 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG039058.D

Acq: 10 Jan 2019 18:41

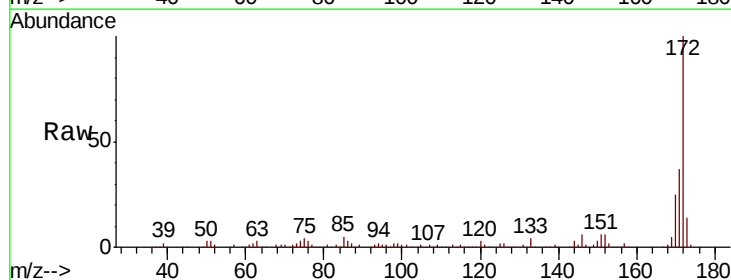
Tgt Ion:172 Resp: 310880

Ion Ratio Lower Upper

172 100

171 37.0 29.4 44.0

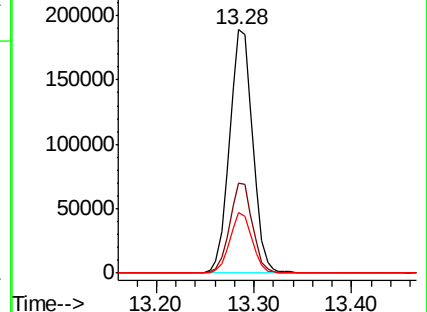
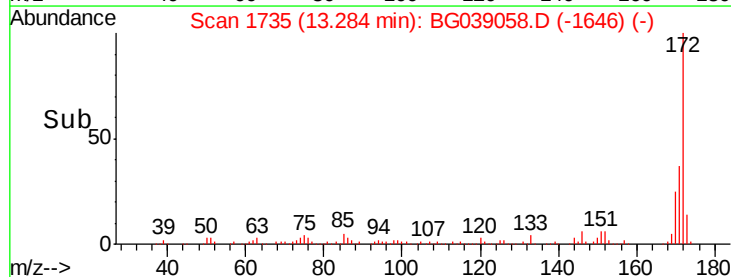
170 25.0 20.1 30.1

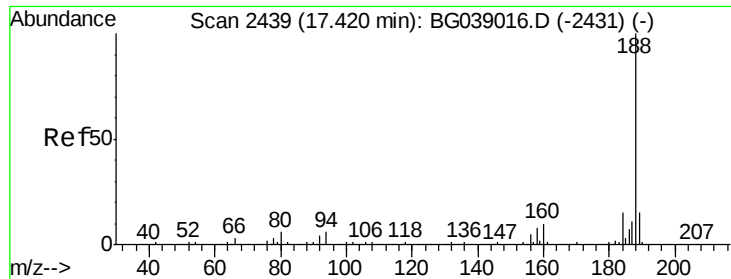


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG039058.D

Acq: 10 Jan 2019 18:41

Instrument :

BNA_G

ClientSampleId :

PB116278BL

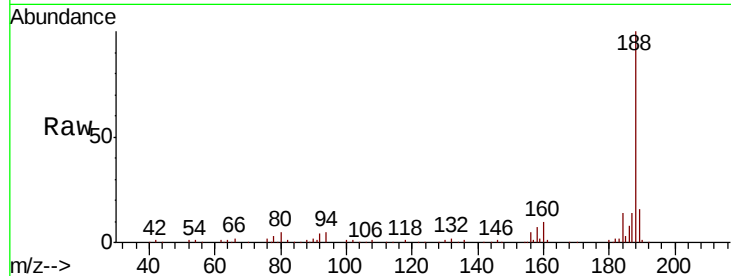
Tot Ion:188 Resp: 172370

Ion Ratio Lower Upper

188 100

94 5.4 5.0 7.4

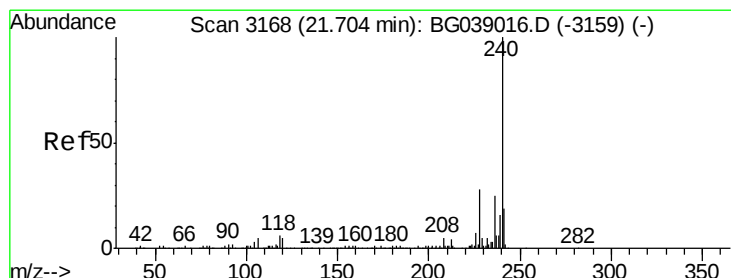
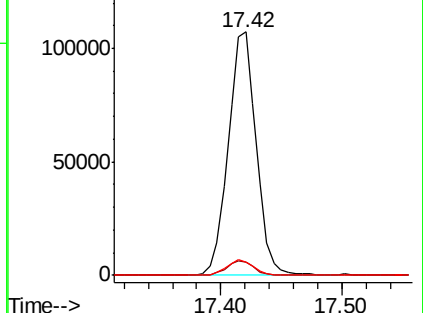
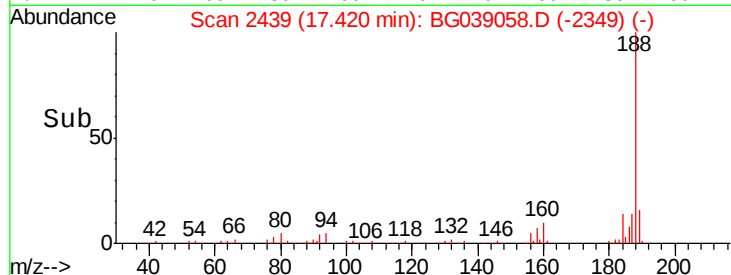
80 5.5 4.7 7.1



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG039058.D

Acq: 10 Jan 2019 18:41

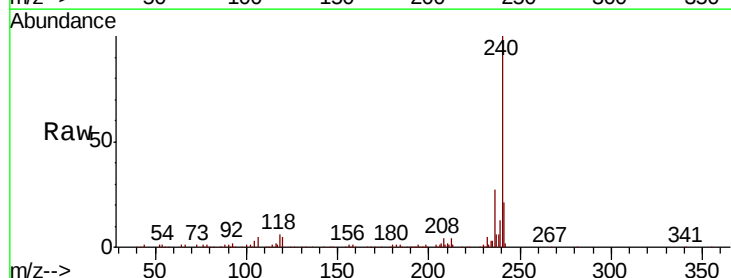
Tgt Ion:240 Resp: 179230

Ion Ratio Lower Upper

240 100

120 5.4 4.3 6.5

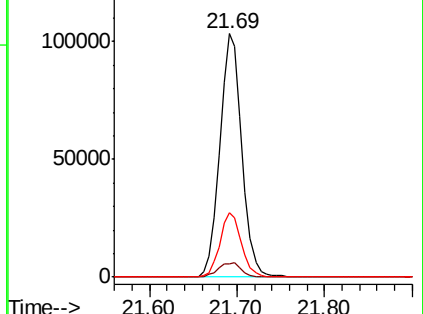
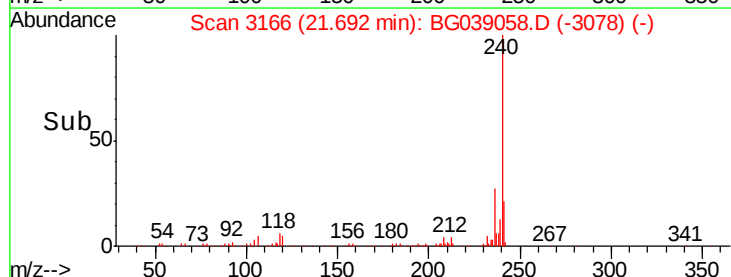
236 26.7 20.1 30.1

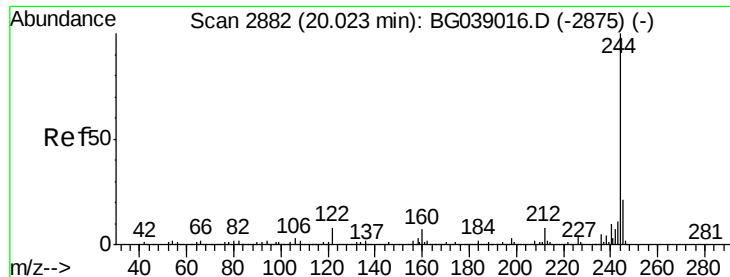


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.106 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG039058.D

Acq: 10 Jan 2019 18:41

Instrument :

BNA_G

ClientSampleId :

PB116278BL

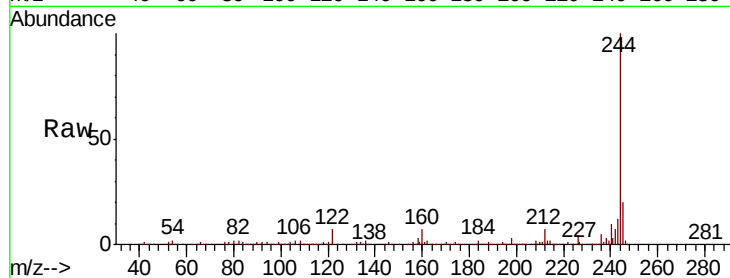
Tot Ion:244 Resp: 688922

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

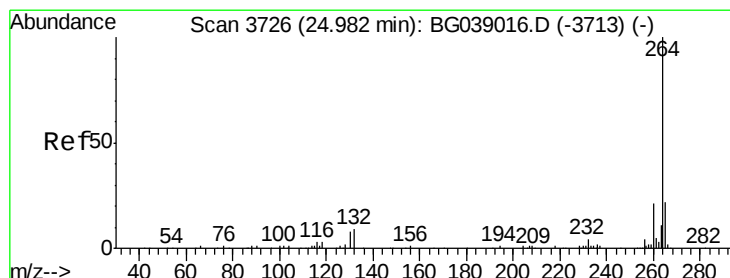
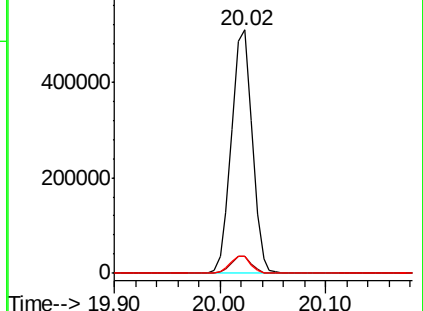
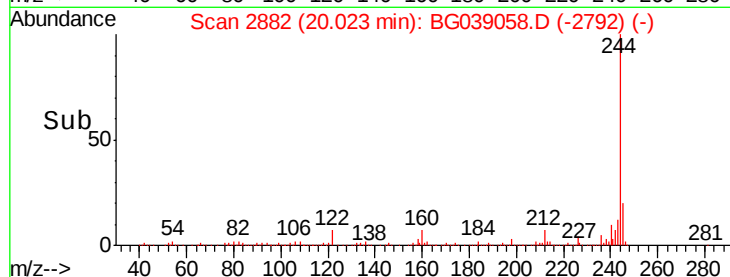
122 6.9 6.1 9.1



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# 3725

Delta R.T. -0.01 min

Lab File: BG039058.D

Acq: 10 Jan 2019 18:41

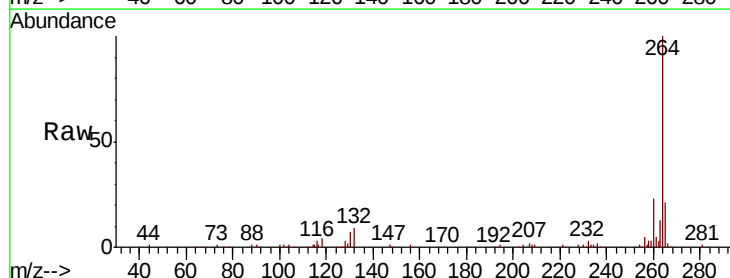
Tgt Ion:264 Resp: 191242

Ion Ratio Lower Upper

264 100

260 22.8 17.0 25.6

265 20.8 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

