

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
 Data File : BG039436.D
 Acq On : 11 Feb 2019 16:14
 Operator : JU/SJ
 Sample : PB116987BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116987BL

Quant Time: Feb 12 03:08:25 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	53073	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	236495	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	167669	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	422614	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	439214	20.00	ng	-0.02
87) Perylene-d12	25.21	264	441540	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	455794	146.99	ng	0.00
7) Phenol-d6	7.31	99	648868	142.16	ng	-0.01
23) Nitrobenzene-d5	9.35	82	368584	97.36	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	261992	145.11	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	972345	83.19	ng	-0.02
79) Terphenyl-d14	20.13	244	1656522	79.83	ng	-0.02

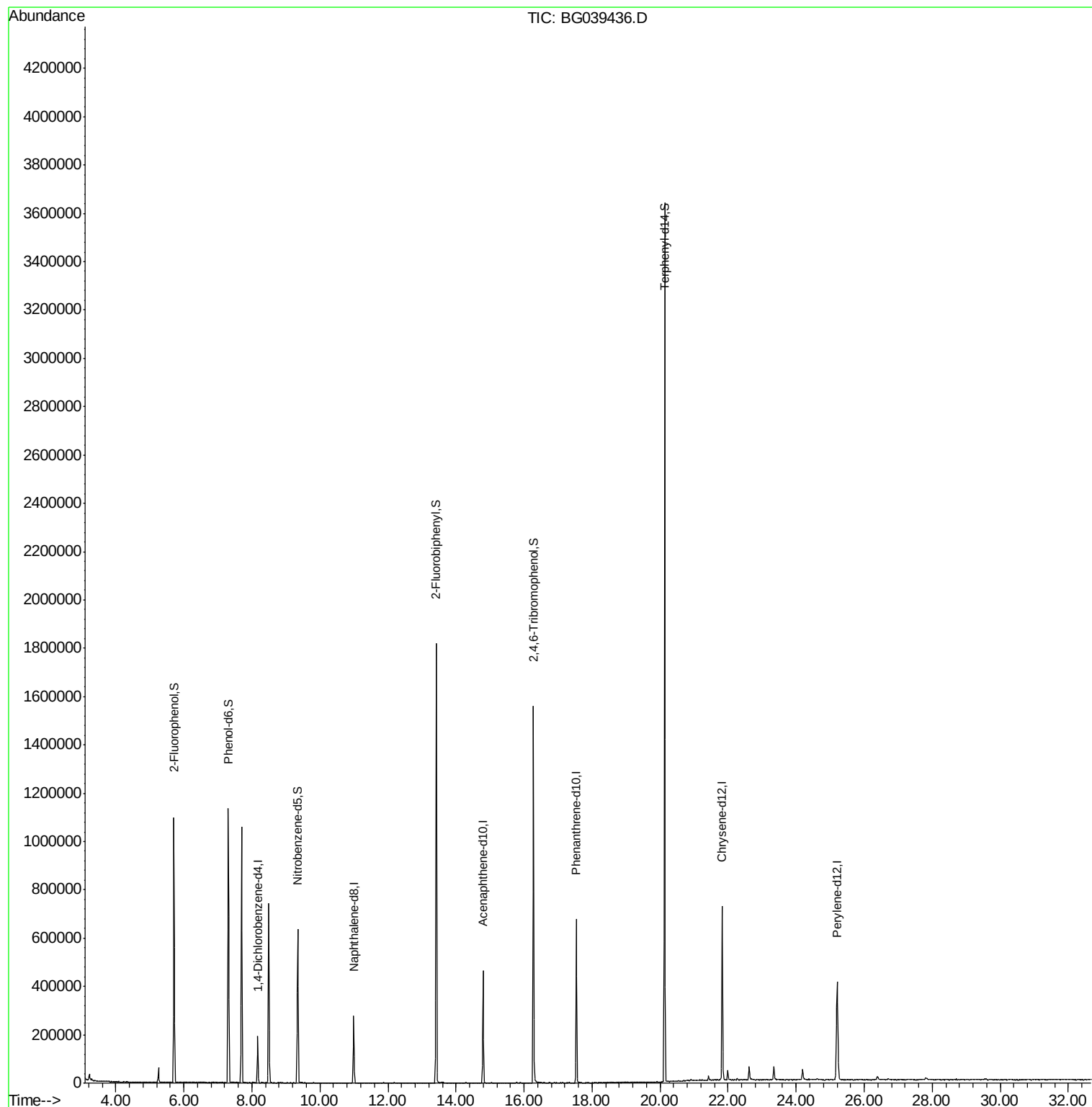
Target Compounds Qvalue

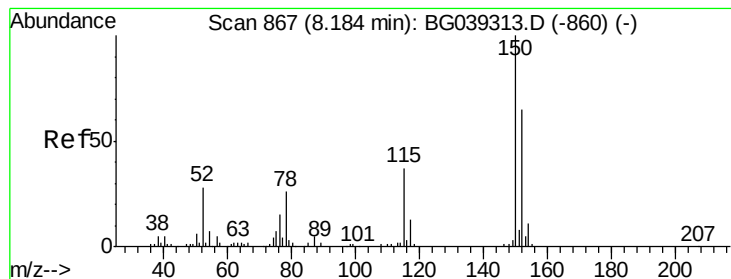
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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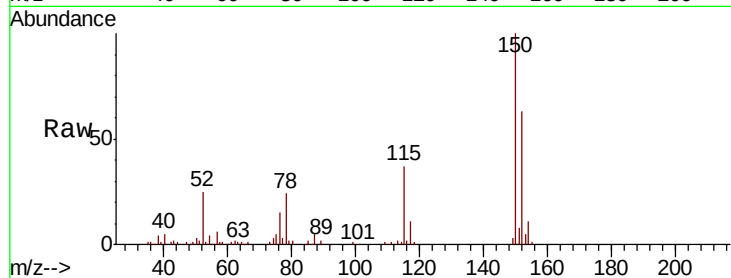


#1

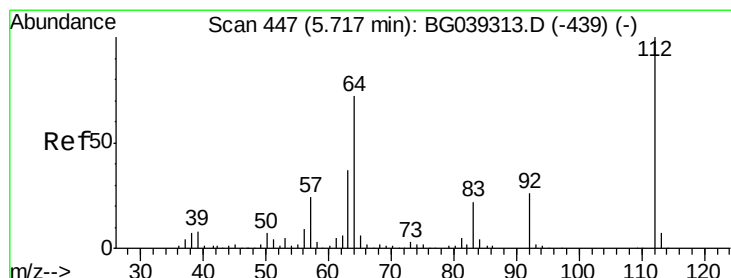
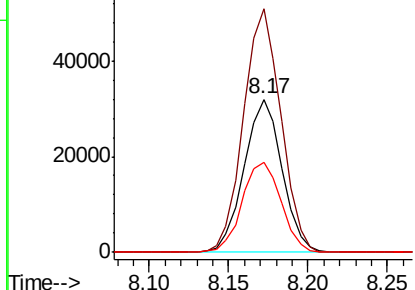
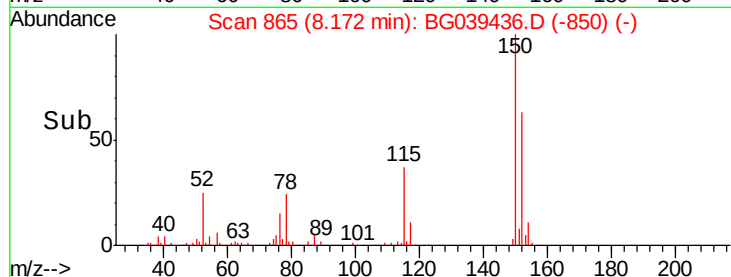
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039436.D
Acq: 11 Feb 2019 16:14

Instrument :
BNA_G
ClientSampleId :
PB116987BL

Tot Ion:152 Resp: 53073
Ion Ratio Lower Upper
152 100
150 159.3 123.7 185.5
115 58.7 45.9 68.9



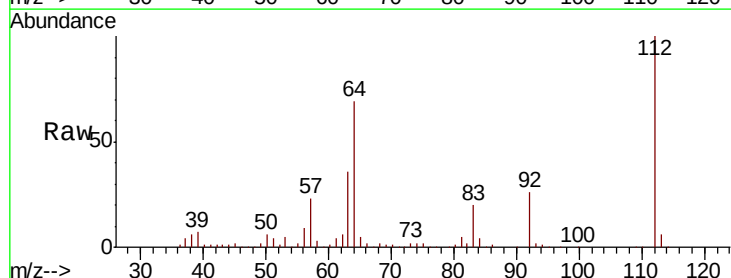
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



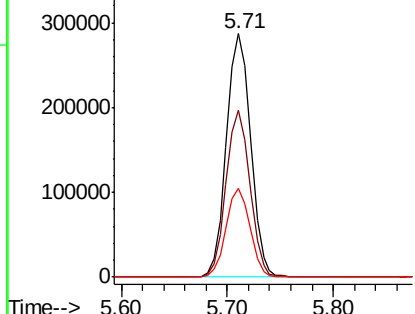
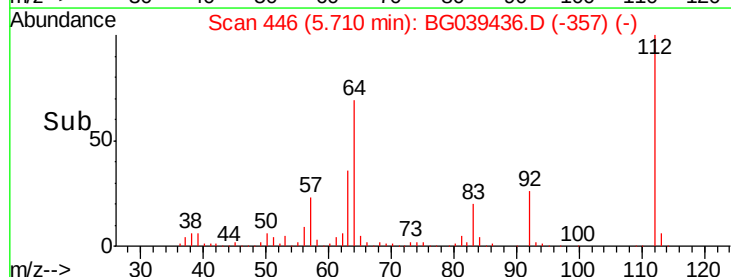
#5

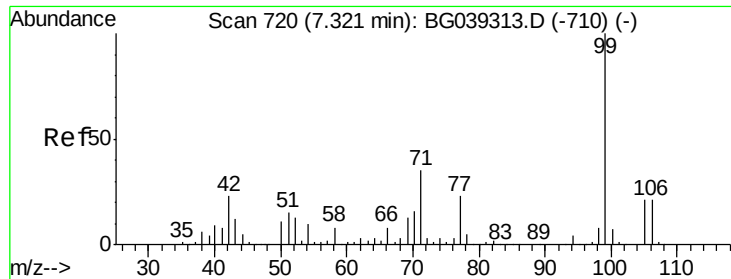
2-Fluorophenol
Concen: 146.985 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039436.D
Acq: 11 Feb 2019 16:14

Tgt Ion:112 Resp: 455794
Ion Ratio Lower Upper
112 100
64 68.6 57.8 86.8
63 36.3 29.8 44.6



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: 142.155 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039436.D

Acq: 11 Feb 2019 16:14

Instrument :

BNA_G

ClientSampleId :

PB116987BL

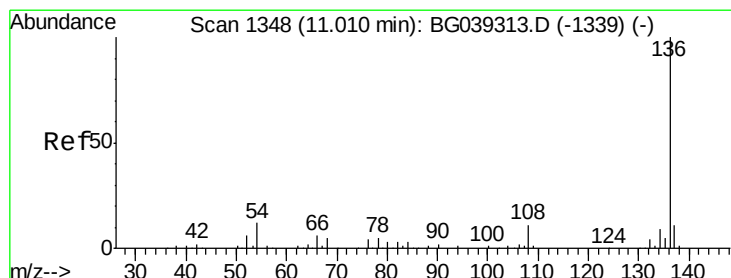
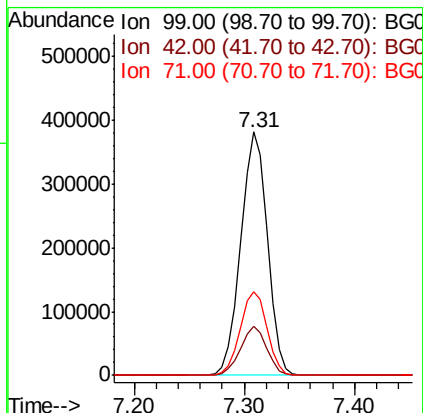
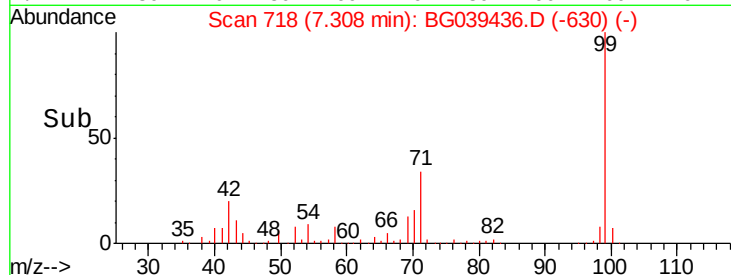
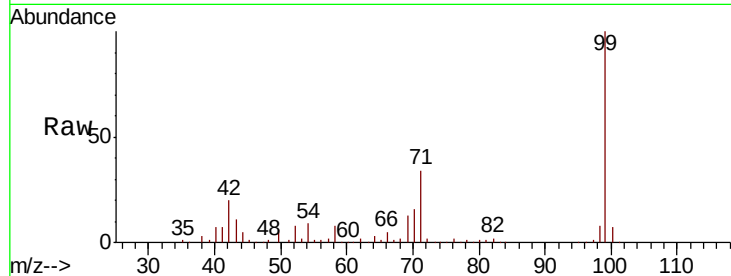
Tot Ion: 99 Resp: 648868

Ion Ratio Lower Upper

99 100

42 20.2 18.2 27.2

71 34.1 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BG039436.D

Acq: 11 Feb 2019 16:14

Tgt Ion: 136 Resp: 236495

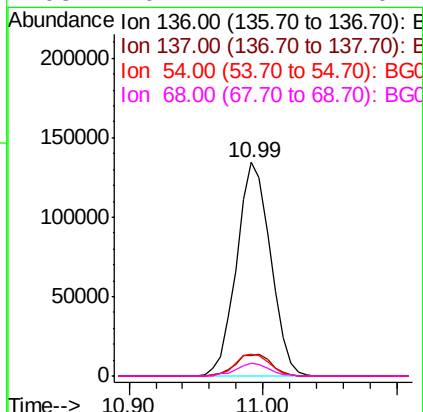
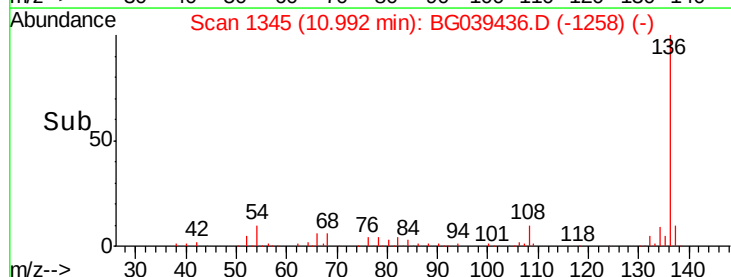
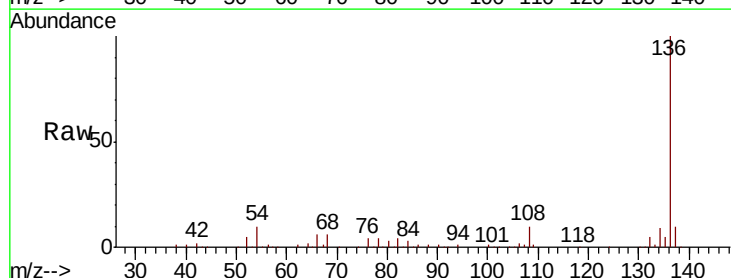
Ion Ratio Lower Upper

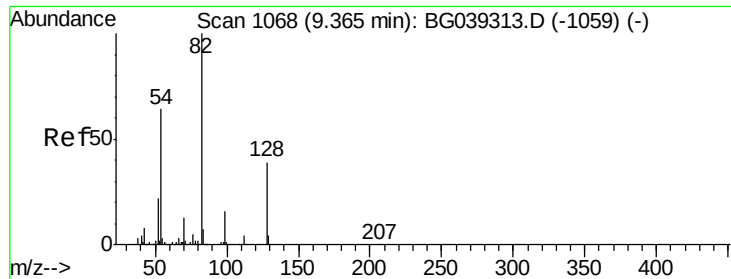
136 100

137 9.9 9.1 13.7

54 10.2 9.4 14.2

68 6.1 4.2 6.4

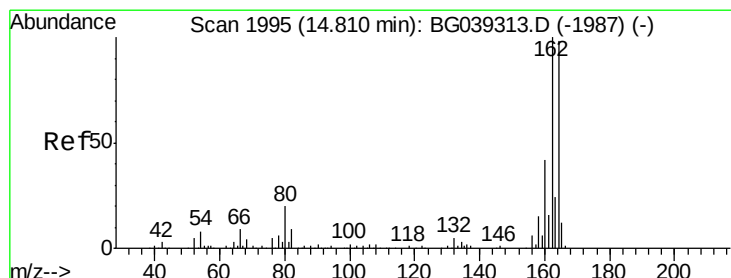
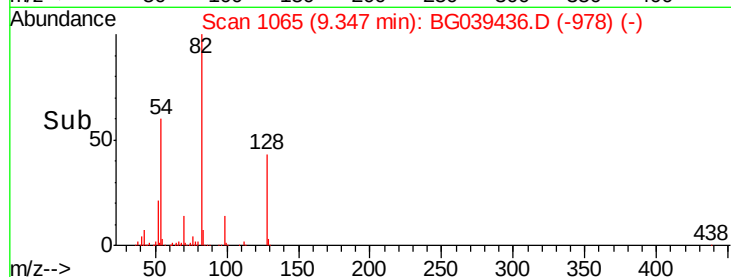
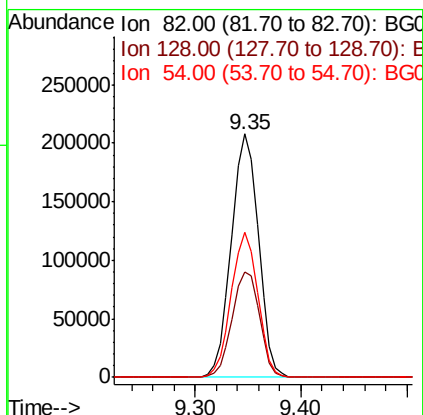
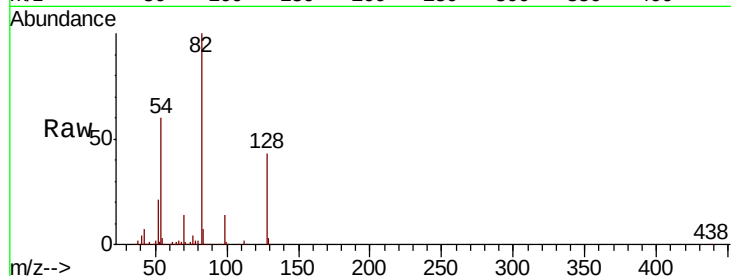




#23
Nitrobenzene-d5
Concen: 97.364 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039436.D
Acq: 11 Feb 2019 16:14

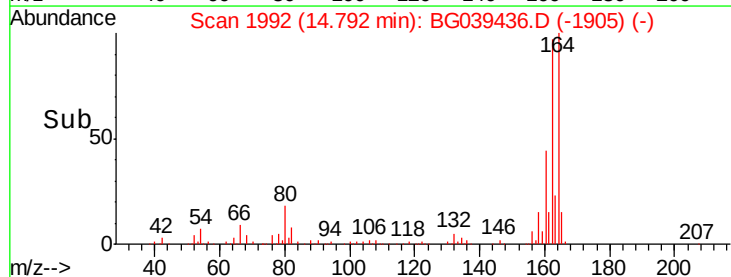
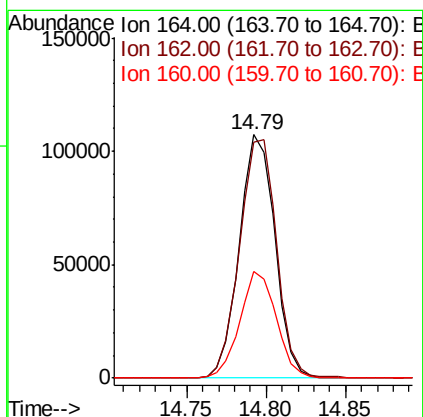
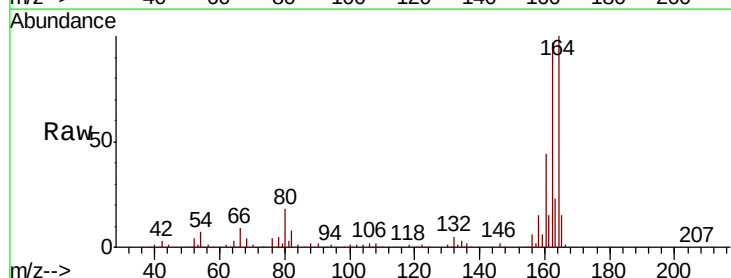
Instrument :
BNA_G
ClientSampled :
PB116987BL

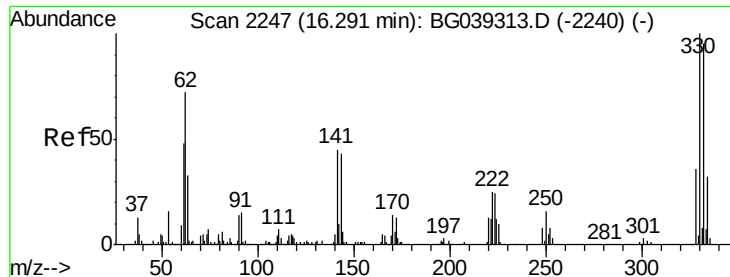
Tot Ion	82	Resp	368584
Ion Ratio	100	Lower	Upper
128	43.2	31.3	46.9
54	59.6	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039436.D
Acq: 11 Feb 2019 16:14

Tgt Ion	164	Resp	167669
Ion Ratio	100	Lower	Upper
162	96.8	81.6	122.4
160	43.6	34.2	51.2

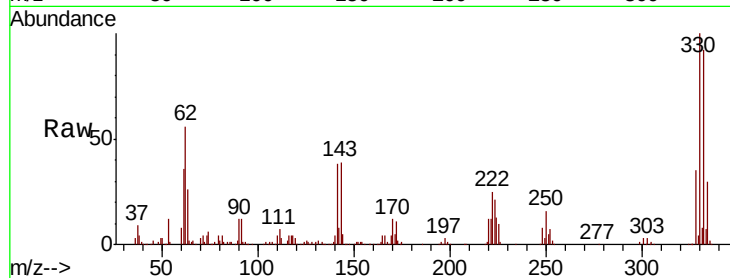




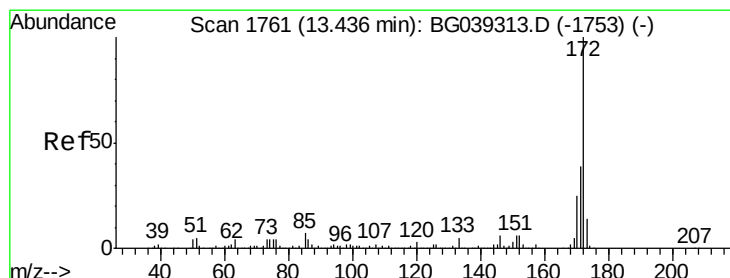
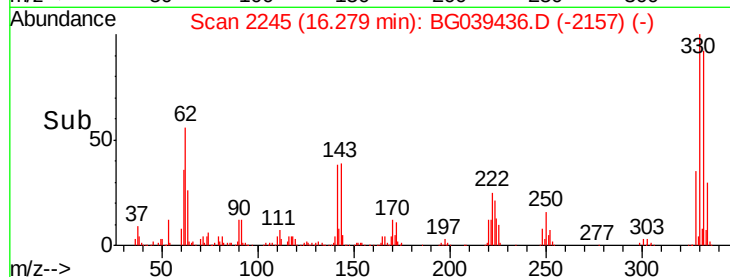
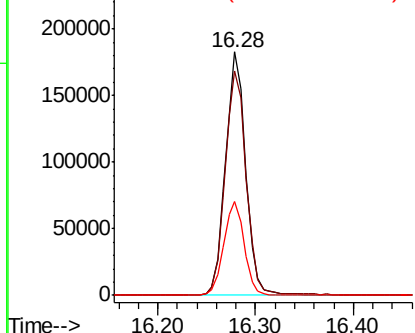
#42
 2,4,6-Tribromophenol
 Concen: 145.107 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.01 min
 Lab File: BG039436.D
 Acq: 11 Feb 2019 16:14

Instrument :
 BNA_G
 ClientSampled :
 PB116987BL

Tot Ion:330 Resp: 261992
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.7 113.5
 141 39.0 35.6 53.4

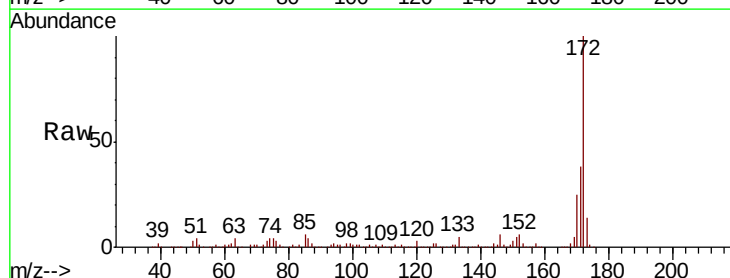


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

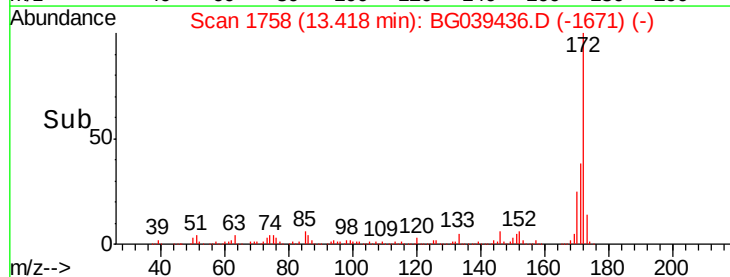
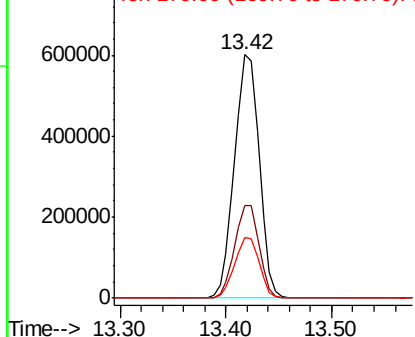


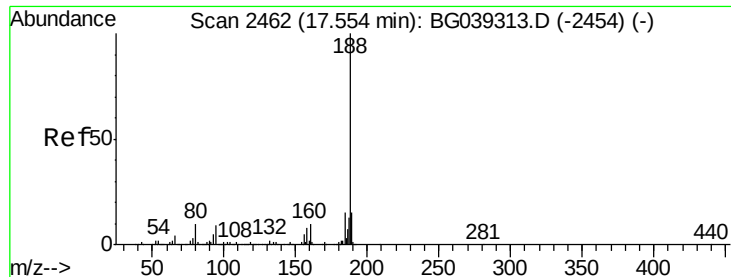
#45
 2-Fluorobiphenyl
 Concen: 83.192 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039436.D
 Acq: 11 Feb 2019 16:14

Tgt Ion:172 Resp: 972345
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.8 46.2
 170 24.9 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: BG039436.D

Acq: 11 Feb 2019 16:14

Instrument :

BNA_G

ClientSampleId :

PB116987BL

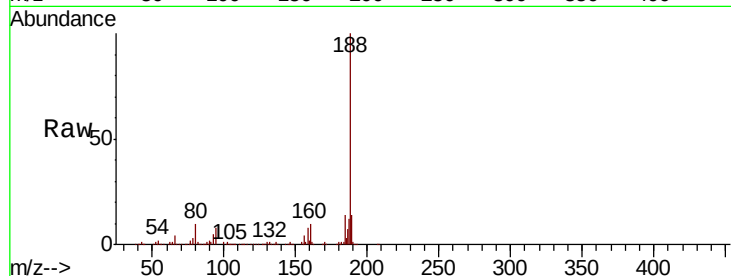
Tot Ion:188 Resp: 422614

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

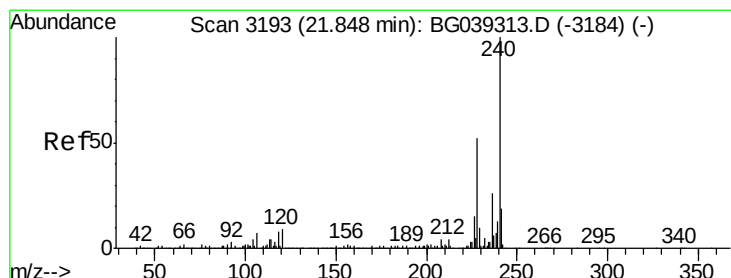
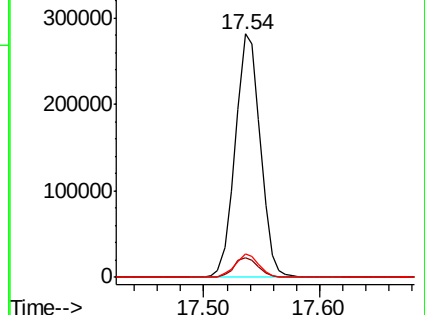
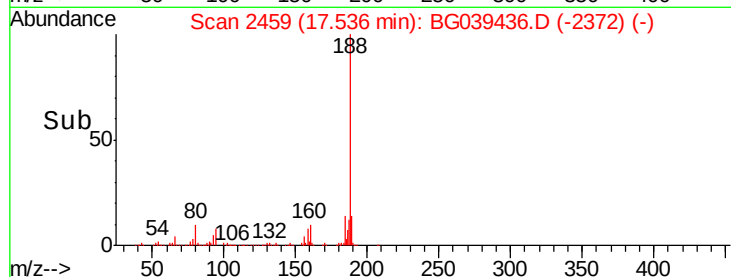
80 9.7 8.1 12.1



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: 21.82 min Scan# 3189

Delta R.T. -0.02 min

Lab File: BG039436.D

Acq: 11 Feb 2019 16:14

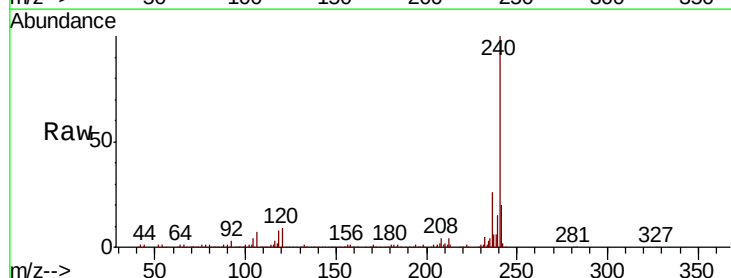
Tgt Ion:240 Resp: 439214

Ion Ratio Lower Upper

240 100

120 8.8 7.0 10.6

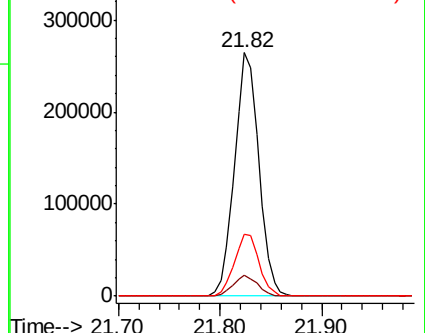
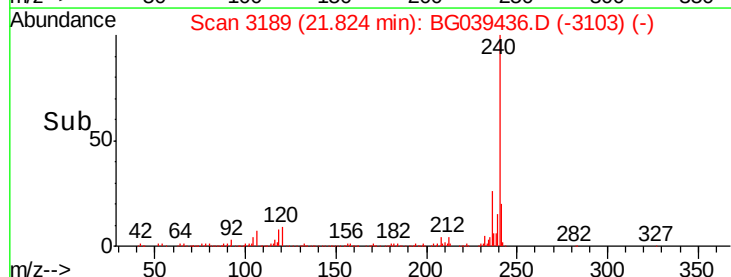
236 25.6 21.0 31.4

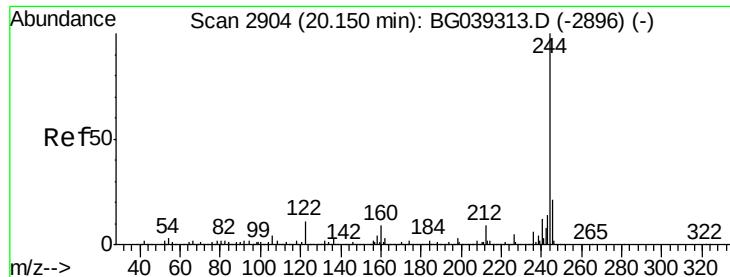


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.832 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039436.D

Acq: 11 Feb 2019 16:14

Instrument :

BNA_G

ClientSampleId :

PB116987BL

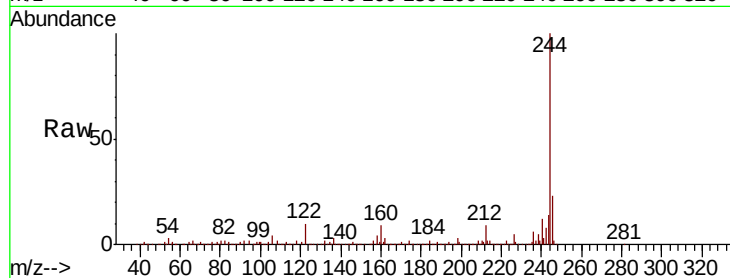
Tot Ion:244 Resp: 1656522

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	10.4	8.4	12.6

244 100

212 9.4 7.3 10.9

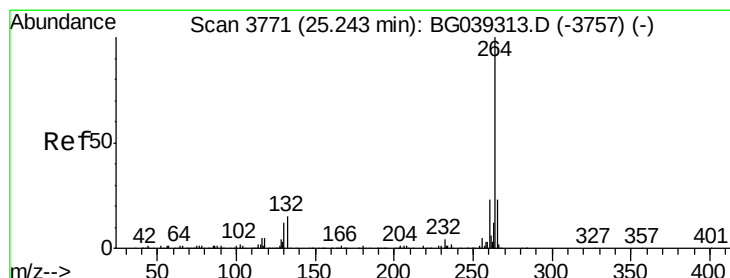
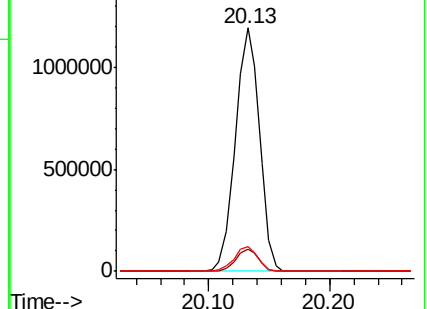
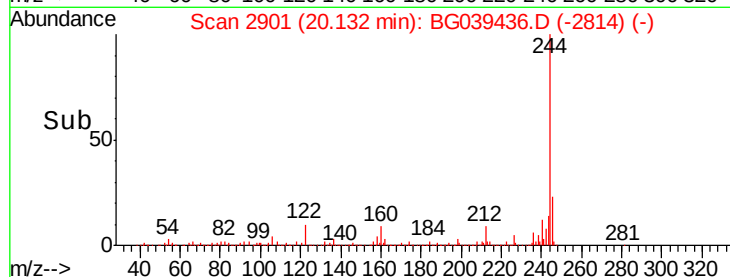
122 10.4 8.4 12.6



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: 25.21 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG039436.D

Acq: 11 Feb 2019 16:14

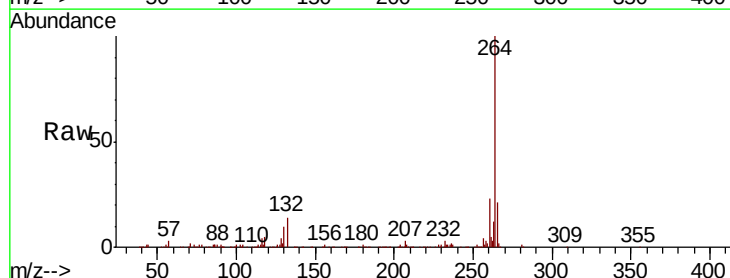
Tgt Ion:264 Resp: 441540

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	21.2	18.5	27.7

264 100

260 23.5 18.2 27.4

265 21.2 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

