

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020819\
 Data File : BG039416.D
 Acq On : 8 Feb 2019 15:21
 Operator : JU/SJ
 Sample : PB116935BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116935BL

Quant Time: Feb 09 00:00:56 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	8.18	152	51804	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	223204	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	154310	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	374998	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	423856	20.00	ng	-0.02
87) Perylene-d12	25.22	264	401517	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	351459	116.12	ng	0.00
7) Phenol-d6	7.31	99	506788	113.75	ng	0.00
23) Nitrobenzene-d5	9.35	82	283910	79.46	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	154493	92.98	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	742243	69.00	ng	-0.01
79) Terphenyl-d14	20.14	244	1253684	62.61	ng	-0.01

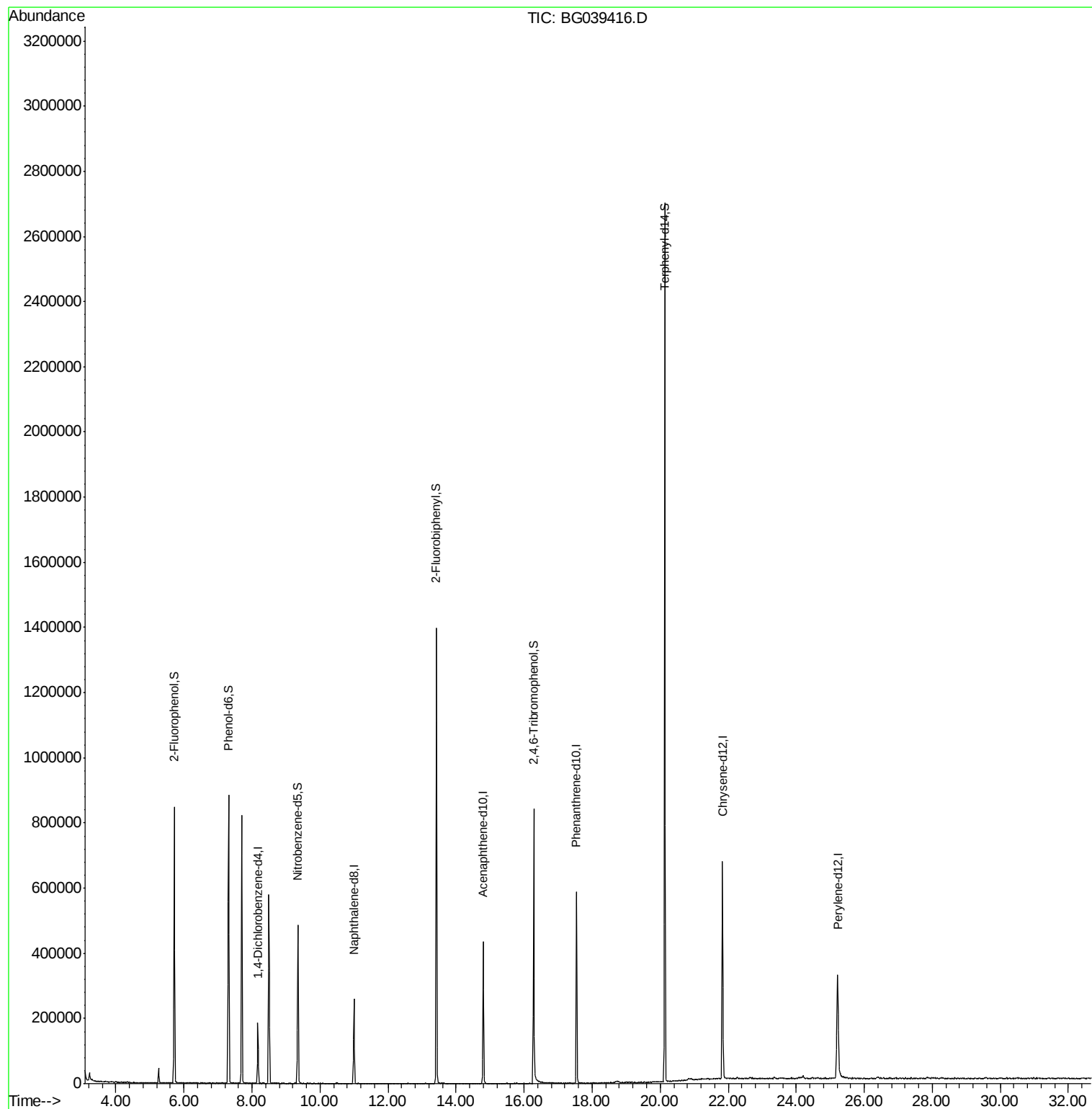
Target Compounds Qvalue

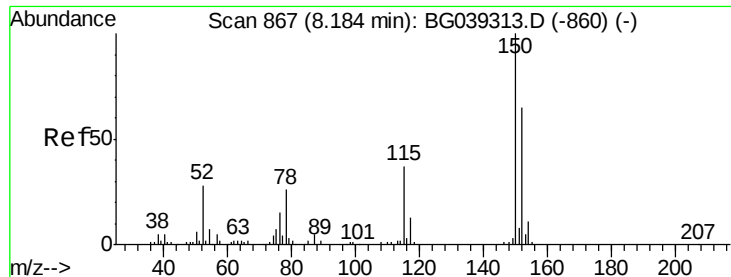
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020819\
Data File : BG039416.D
Acq On : 8 Feb 2019 15:21
Operator : JU/SJ
Sample : PB116935BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116935BL

Quant Time: Feb 09 00:00:56 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



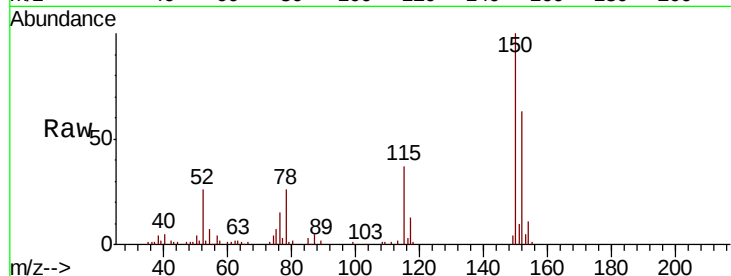


#1

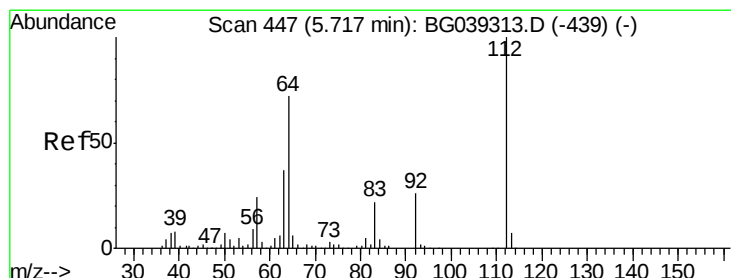
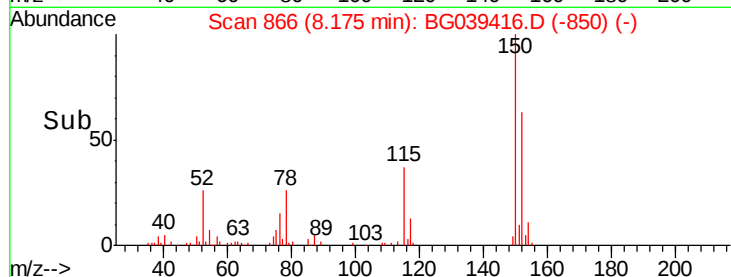
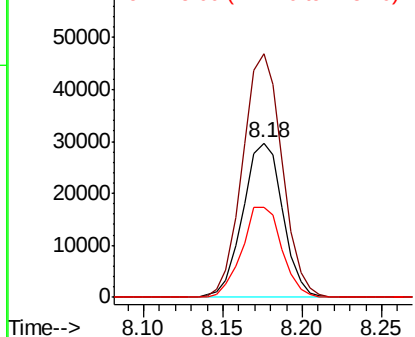
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039416.D
Acq: 8 Feb 2019 15:21

Instrument :
BNA_G
ClientSampleId :
PB116935BL

Tot Ion:152 Resp: 51804
Ion Ratio Lower Upper
152 100
150 158.0 123.7 185.5
115 58.5 45.9 68.9



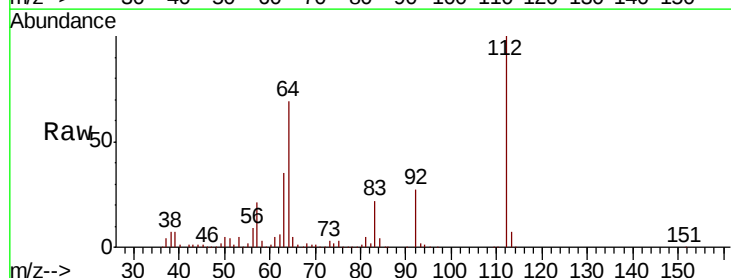
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



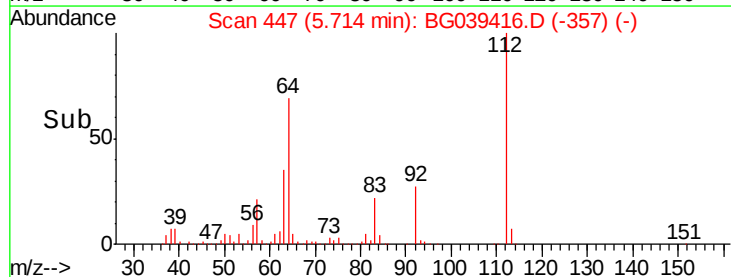
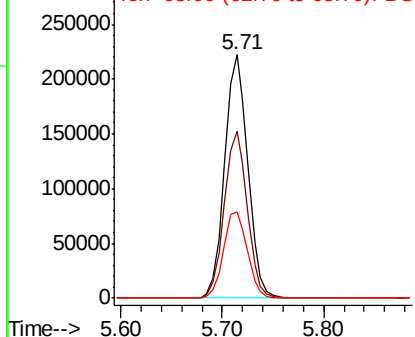
#5

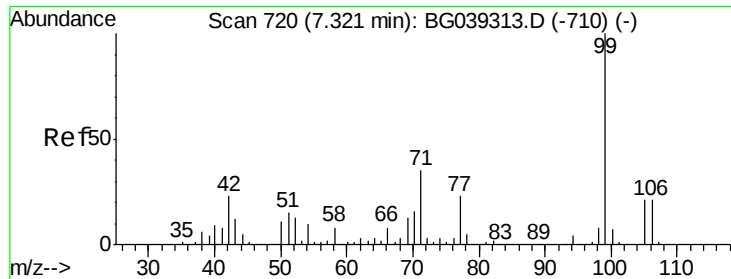
2-Fluorophenol
Concen: 116.116 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039416.D
Acq: 8 Feb 2019 15:21

Tgt Ion:112 Resp: 351459
Ion Ratio Lower Upper
112 100
64 68.5 57.8 86.8
63 35.3 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: 113.748 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039416.D

Acq: 8 Feb 2019 15:21

Instrument :

BNA_G

ClientSampleId :

PB116935BL

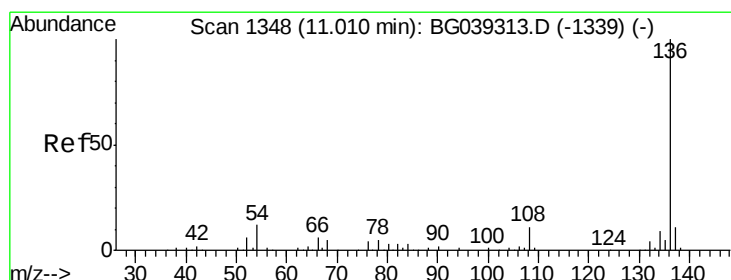
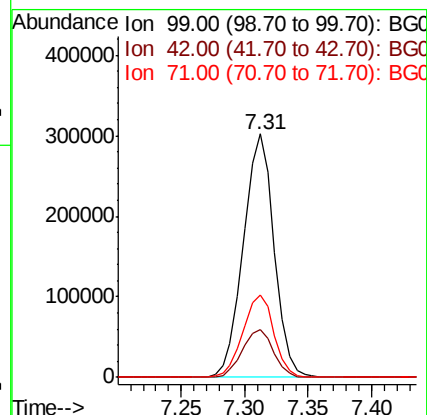
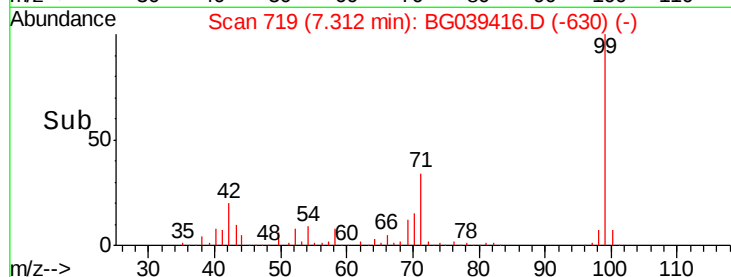
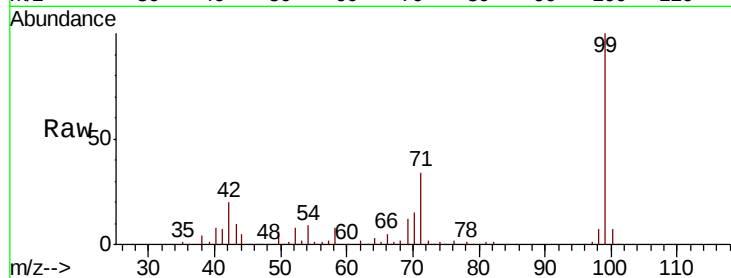
Tot Ion: 99 Resp: 506788

Ion Ratio Lower Upper

99 100

42 19.7 18.2 27.2

71 33.9 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BG039416.D

Acq: 8 Feb 2019 15:21

Tgt Ion: 136 Resp: 223204

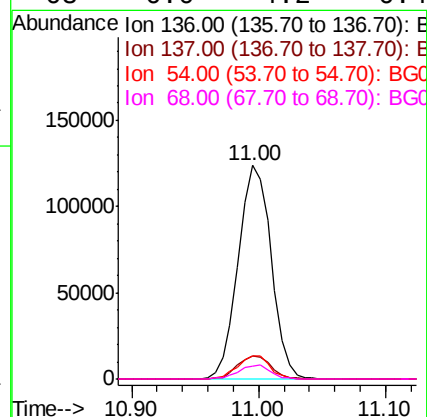
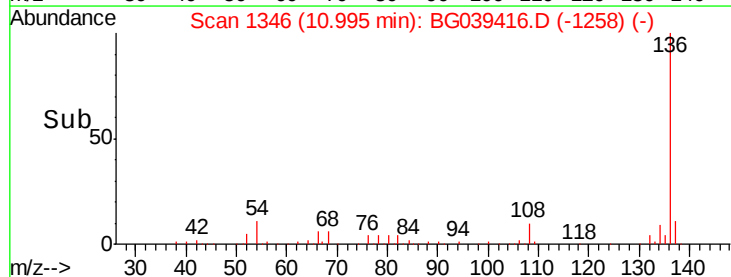
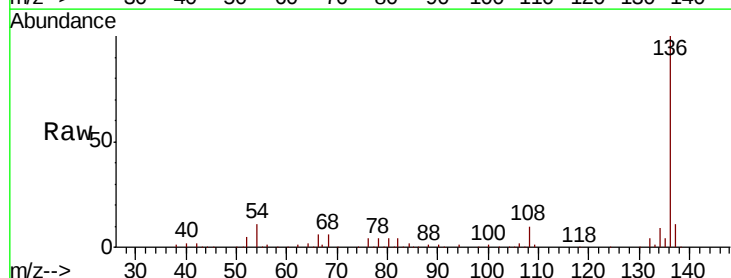
Ion Ratio Lower Upper

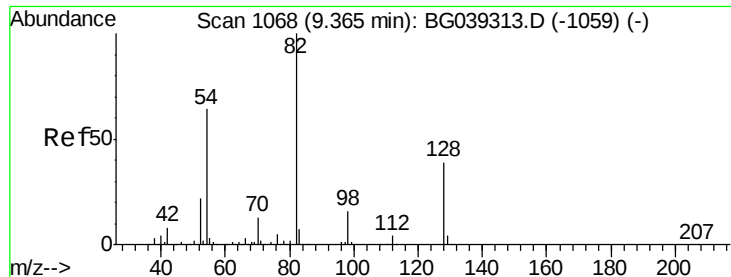
136 100

137 10.8 9.1 13.7

54 10.5 9.4 14.2

68 6.0 4.2 6.4

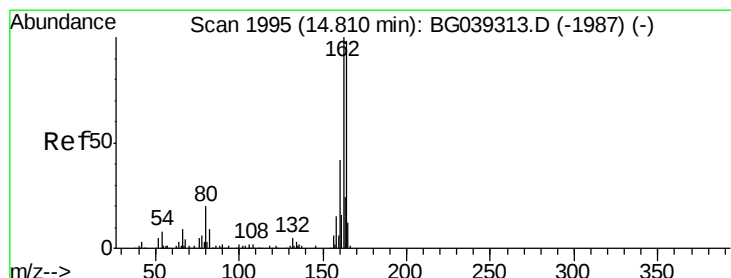
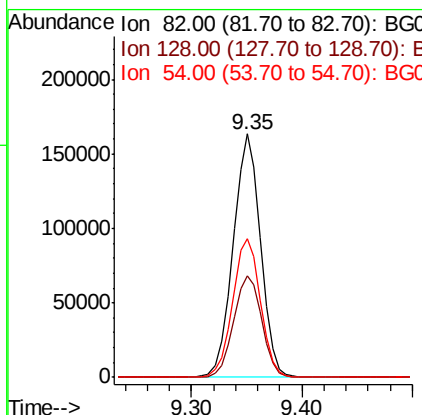
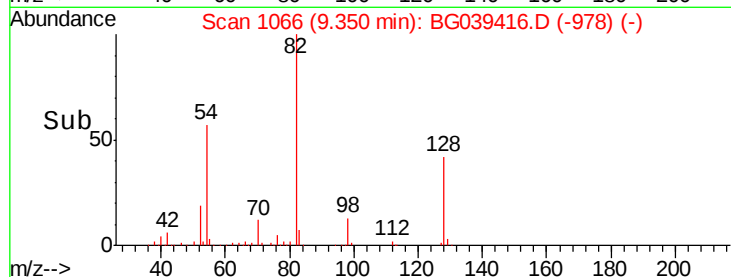
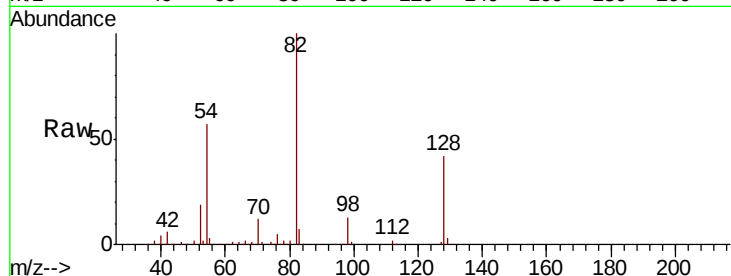




#23
Nitrobenzene-d5
Concen: 79.462 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039416.D
Acq: 8 Feb 2019 15:21

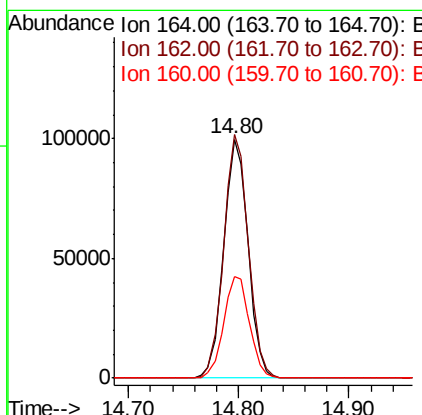
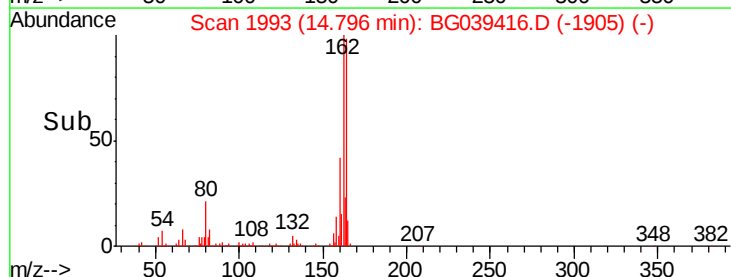
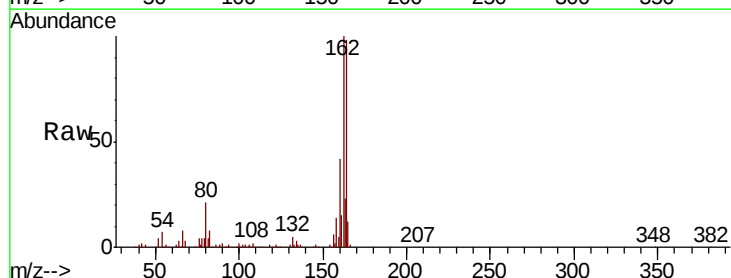
Instrument :
BNA_G
ClientSampleId :
PB116935BL

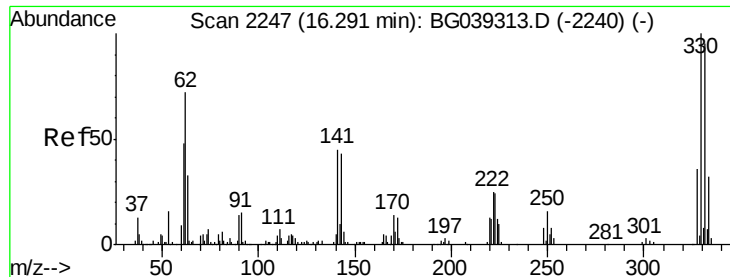
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	31.3	46.9
54	57.1	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039416.D
Acq: 8 Feb 2019 15:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.6	122.4
160	42.8	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 92.975 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039416.D

Acq: 8 Feb 2019 15:21

Instrument :

BNA_G

ClientSampleId :

PB116935BL

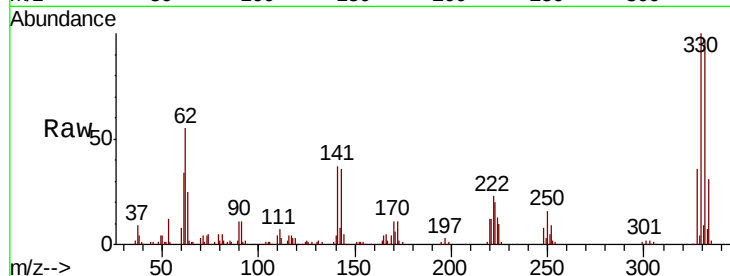
Tot Ion:330 Resp: 154493

Ion Ratio Lower Upper

330 100

332 95.7 75.7 113.5

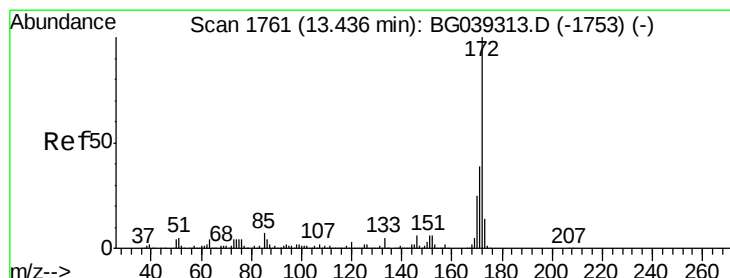
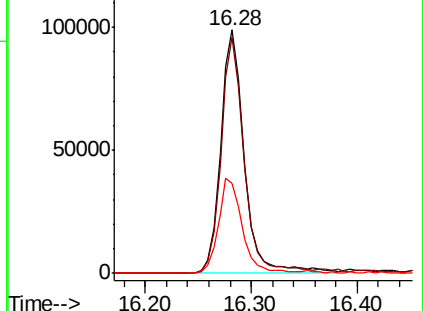
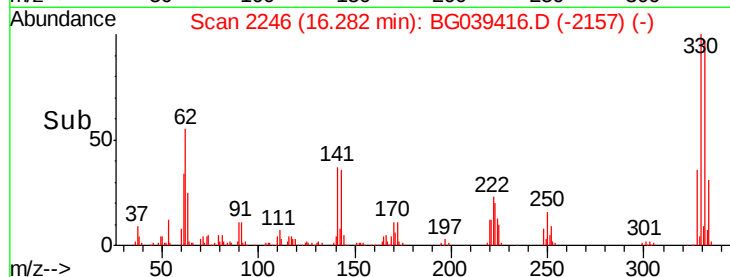
141 39.1 35.6 53.4



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: 69.003 ng

RT: 13.42 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BG039416.D

Acq: 8 Feb 2019 15:21

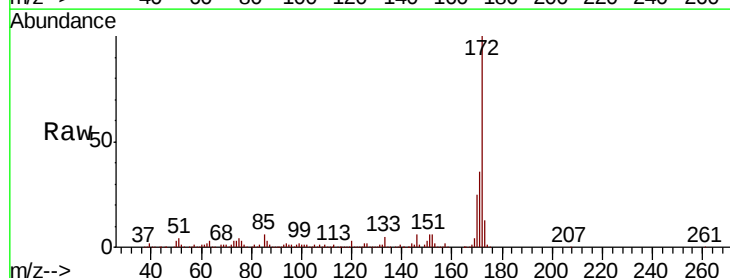
Tgt Ion:172 Resp: 742243

Ion Ratio Lower Upper

172 100

171 36.0 30.8 46.2

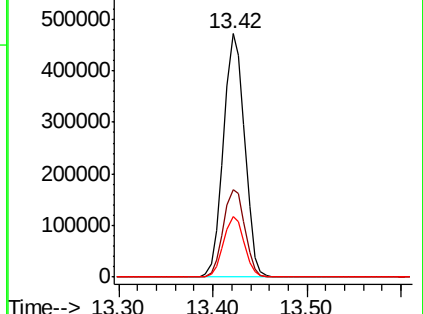
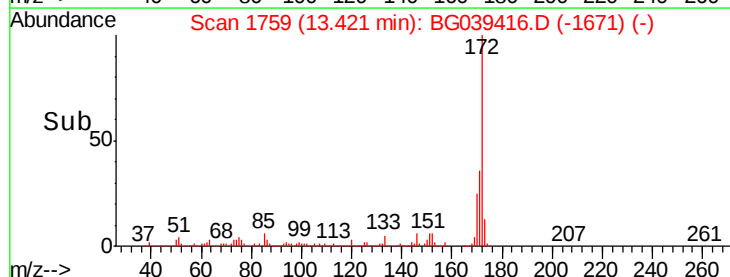
170 24.9 20.2 30.4

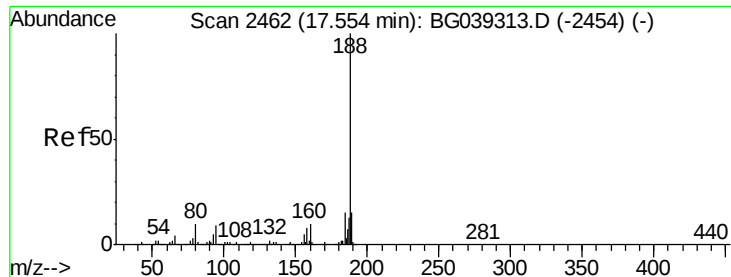


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2460

Delta R.T. -0.01 min

Lab File: BG039416.D

Acq: 8 Feb 2019 15:21

Instrument :

BNA_G

ClientSampleId :

PB116935BL

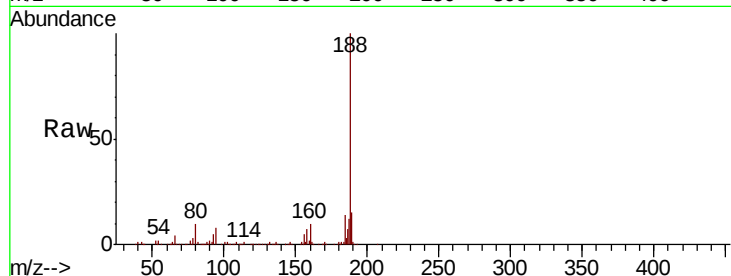
Tot Ion:188 Resp: 374998

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

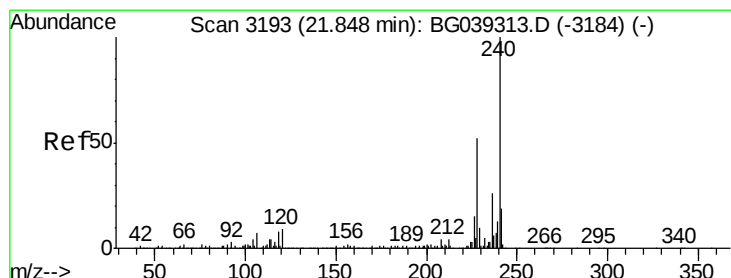
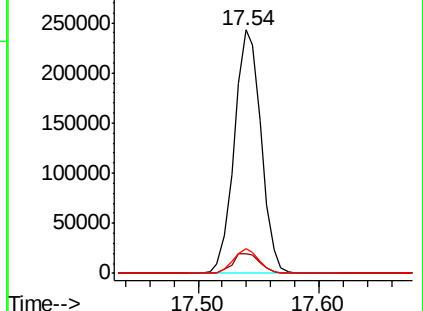
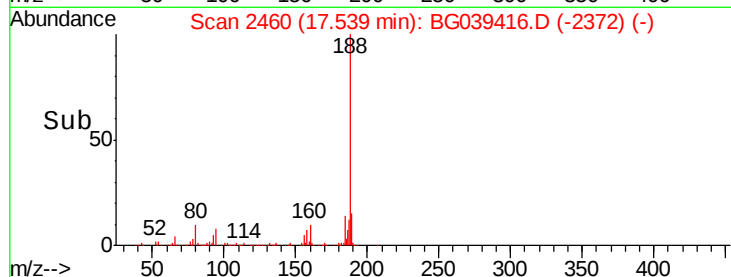
80 10.2 8.1 12.1



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: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039416.D

Acq: 8 Feb 2019 15:21

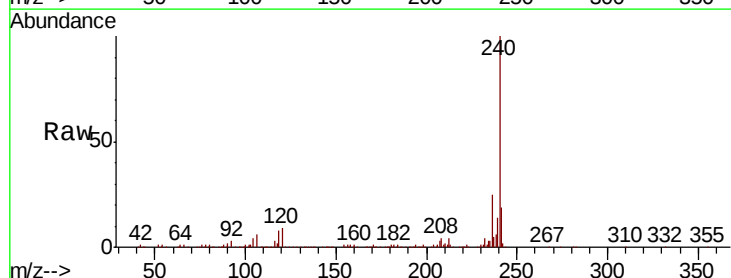
Tgt Ion:240 Resp: 423856

Ion Ratio Lower Upper

240 100

120 8.8 7.0 10.6

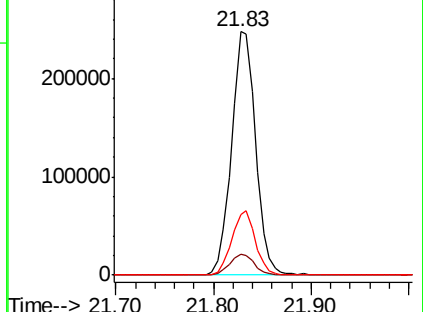
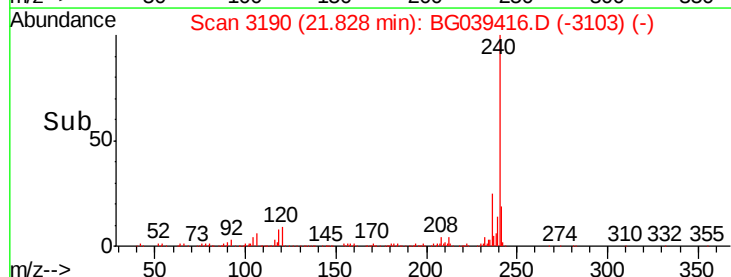
236 25.0 21.0 31.4

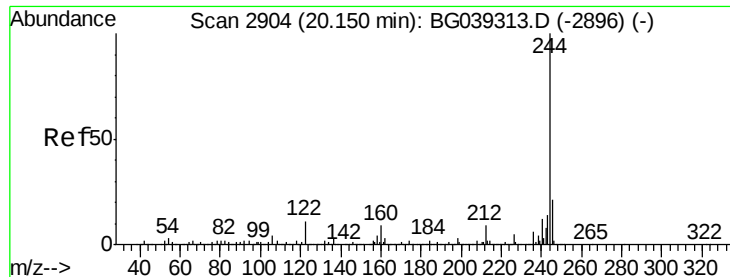


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 62.608 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039416.D

Acq: 8 Feb 2019 15:21

Instrument :

BNA_G

ClientSampleId :

PB116935BL

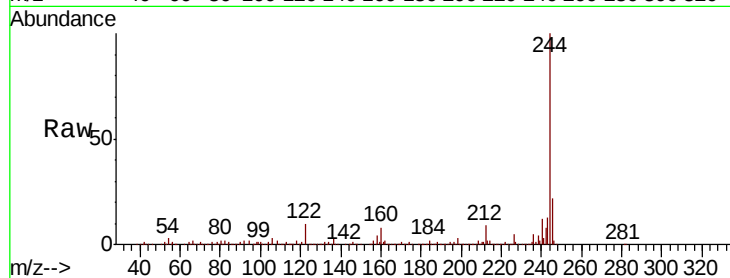
Tot Ion:244 Resp: 1253684

Ion Ratio Lower Upper

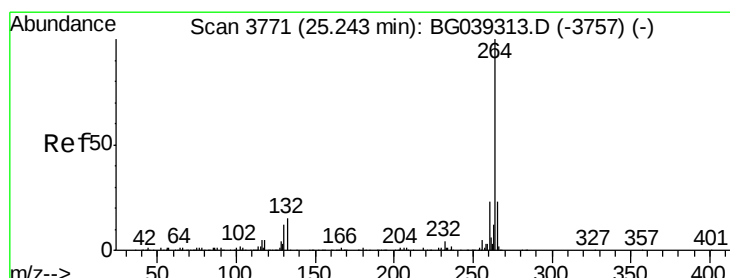
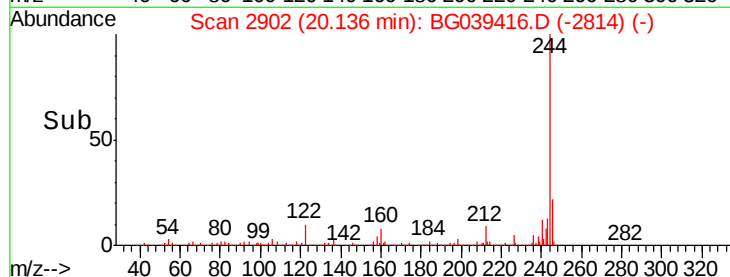
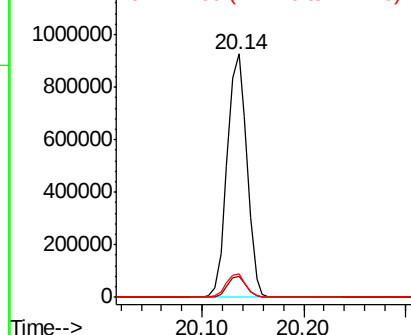
244 100

212 8.8 7.3 10.9

122 9.7 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: 25.22 min Scan# 3767

Delta R.T. -0.03 min

Lab File: BG039416.D

Acq: 8 Feb 2019 15:21

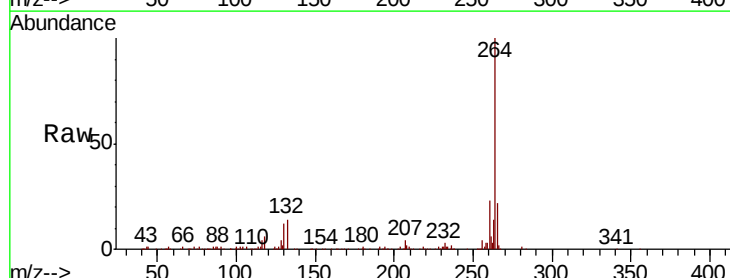
Tgt Ion:264 Resp: 401517

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

265 21.8 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

