

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
 Data File : BG039399.D
 Acq On : 8 Feb 2019 2:11
 Operator : JU/SJ
 Sample : PB116922TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116922TB

Quant Time: Feb 09 00:37:17 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	51776	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	223903	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	149875	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	370495	20.00	ng	0.00
76) Chrysene-d12	21.83	240	414164	20.00	ng	-0.01
87) Perylene-d12	25.21	264	400718	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	459409	151.86	ng	0.00
7) Phenol-d6	7.31	99	646408	145.16	ng	0.00
23) Nitrobenzene-d5	9.35	82	372604	103.96	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	233292	144.55	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	939395	89.92	ng	0.00
79) Terphenyl-d14	20.14	244	1570481	80.26	ng	-0.01

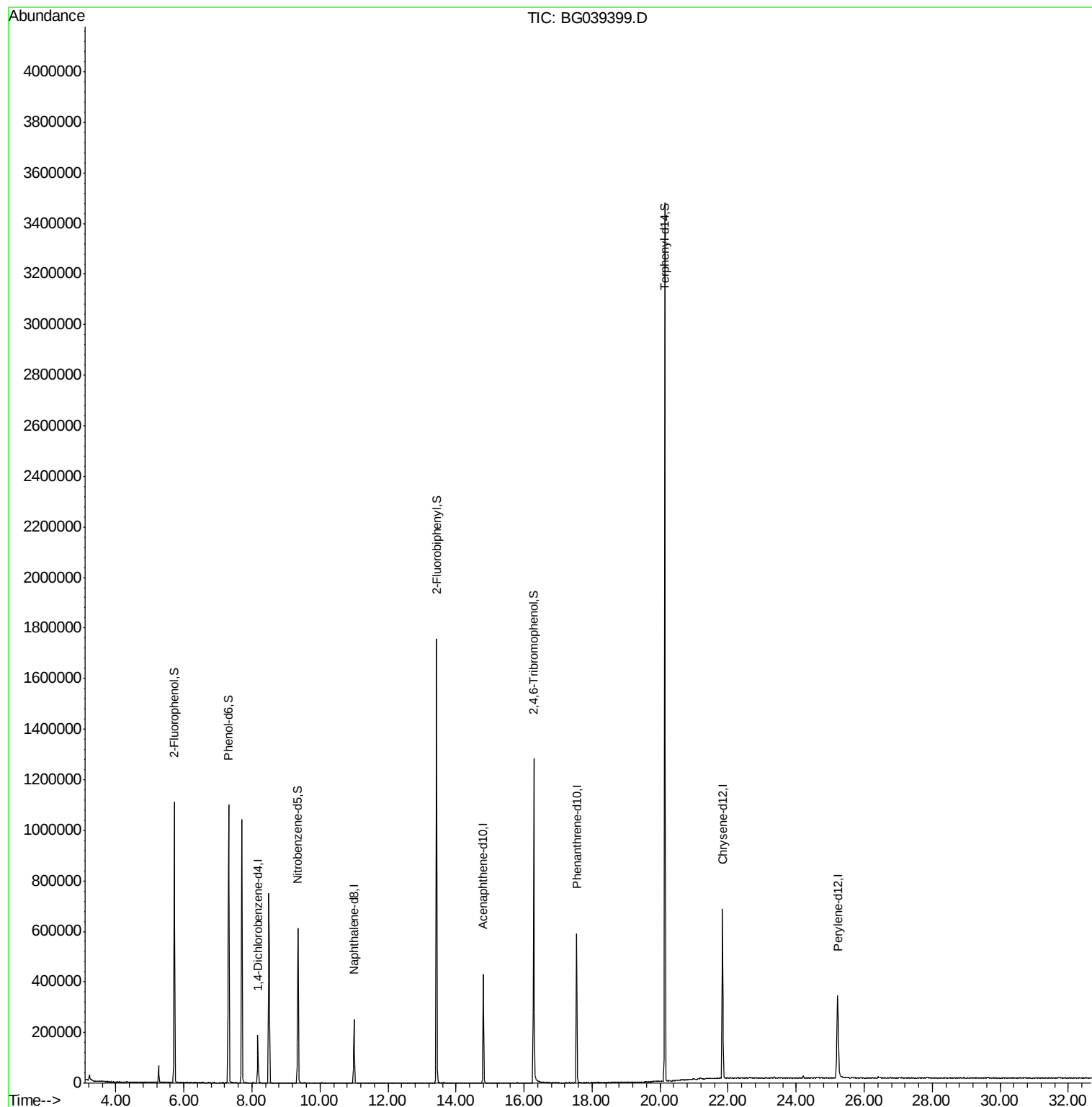
Target Compounds Qvalue

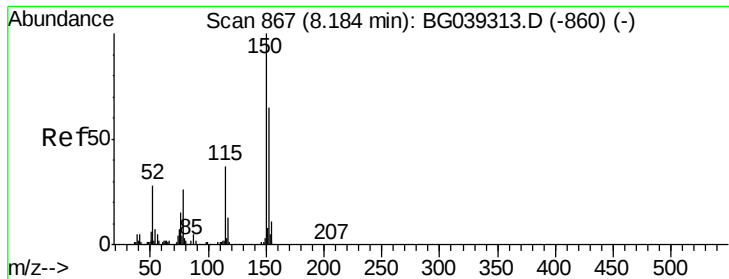
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039399.D
Acq On : 8 Feb 2019 2:11
Operator : JU/SJ
Sample : PB116922TB
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116922TB

Quant Time: Feb 09 00:37:17 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



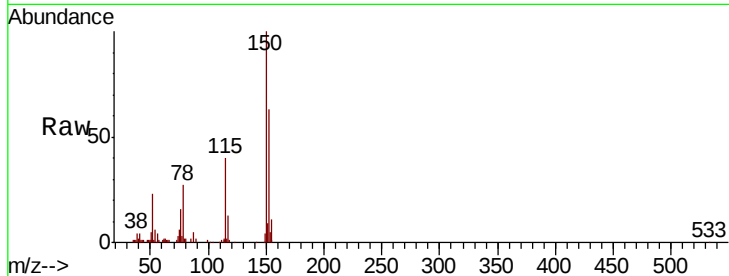


#1

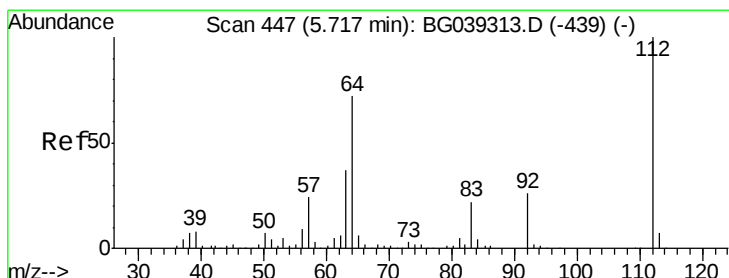
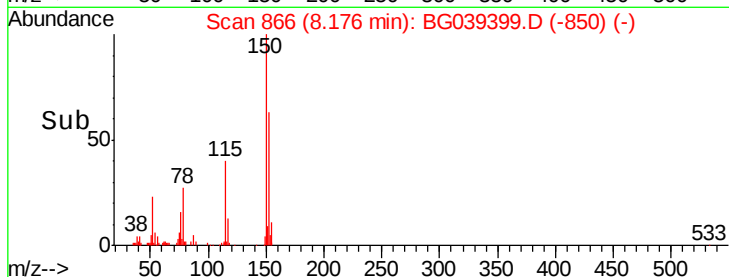
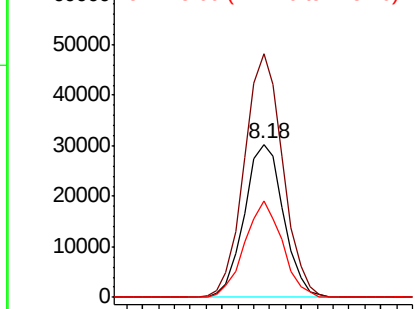
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039399.D
Acq: 8 Feb 2019 2:11

Instrument :
BNA_G
ClientSampleId :
PB116922TB

Tot Ion:152 Resp: 51776
Ion Ratio Lower Upper
152 100
150 159.1 123.7 185.5
115 63.1 45.9 68.9



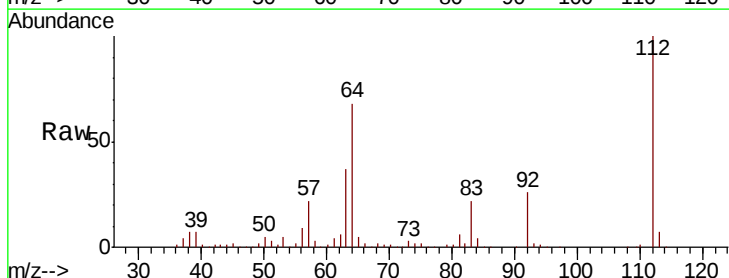
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



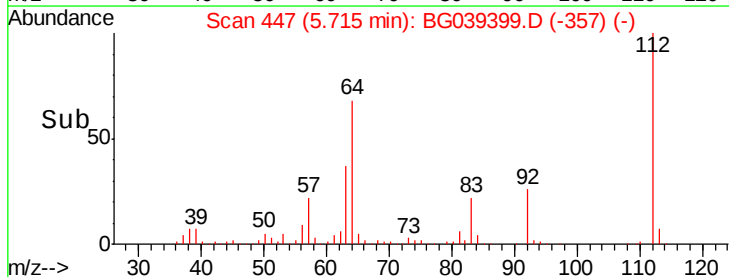
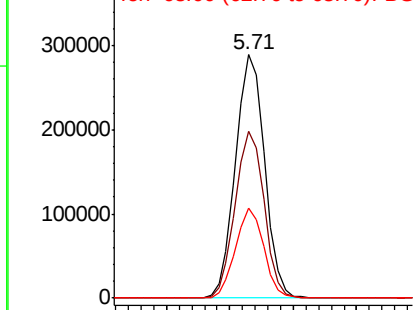
#5

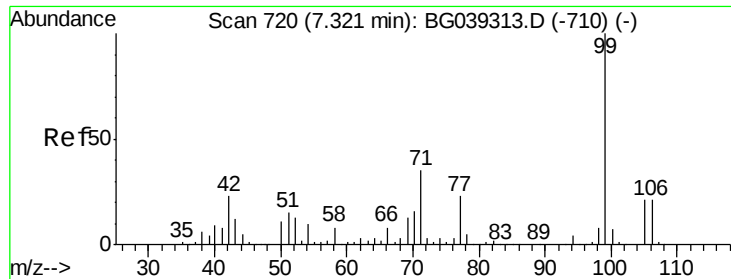
2-Fluorophenol
Concen: 151.862 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039399.D
Acq: 8 Feb 2019 2:11

Tgt Ion:112 Resp: 459409
Ion Ratio Lower Upper
112 100
64 68.4 57.8 86.8
63 37.1 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: 145.164 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039399.D

Acq: 8 Feb 2019 2:11

Instrument :

BNA_G

ClientSampleId :

PB116922TB

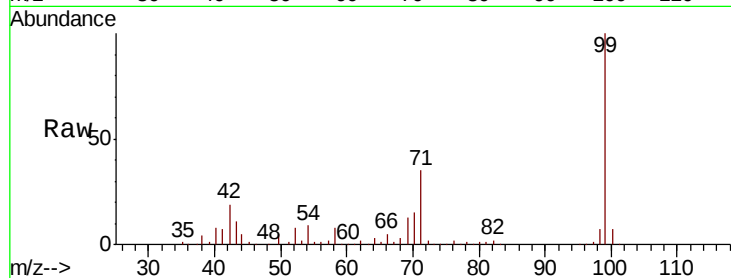
Tot Ion: 99 Resp: 646408

Ion Ratio Lower Upper

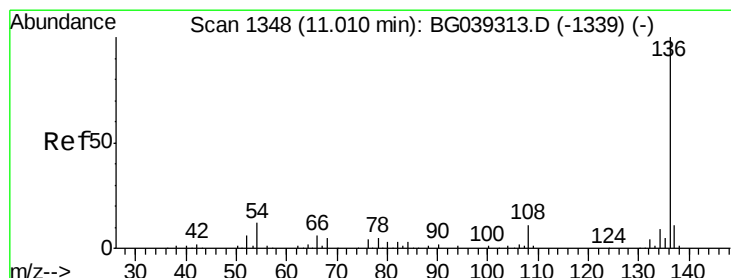
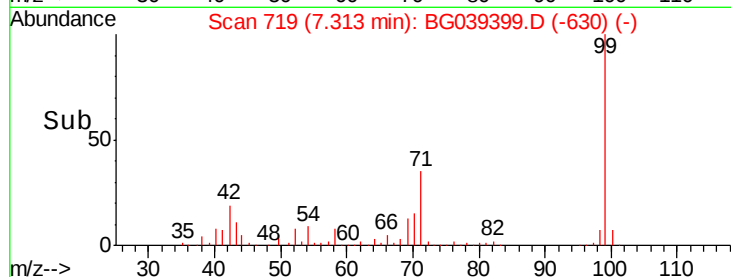
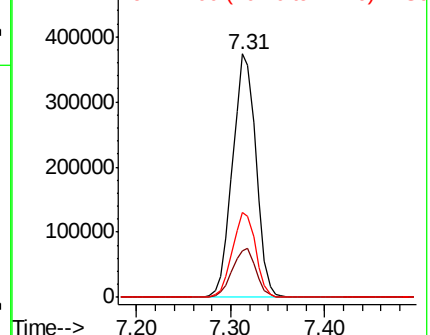
99 100

42 19.2 18.2 27.2

71 35.0 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: 11.00 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BG039399.D

Acq: 8 Feb 2019 2:11

Tgt Ion: 136 Resp: 223903

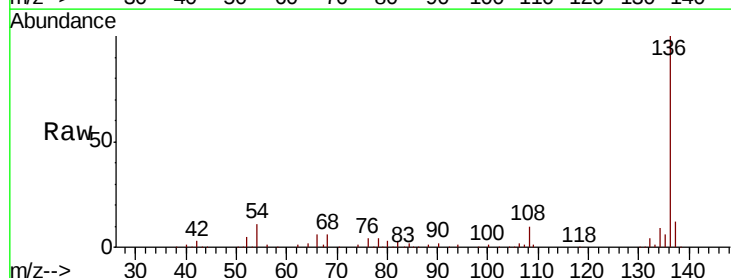
Ion Ratio Lower Upper

136 100

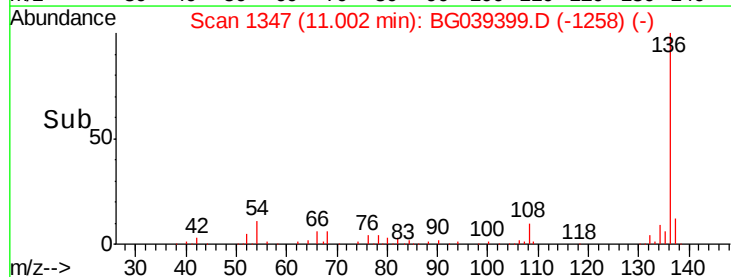
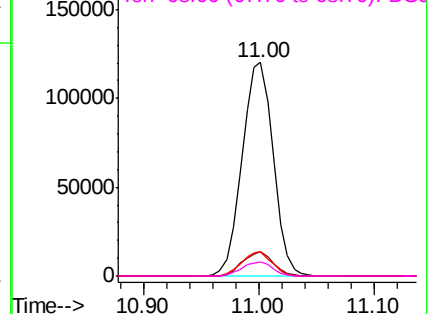
137 11.5 9.1 13.7

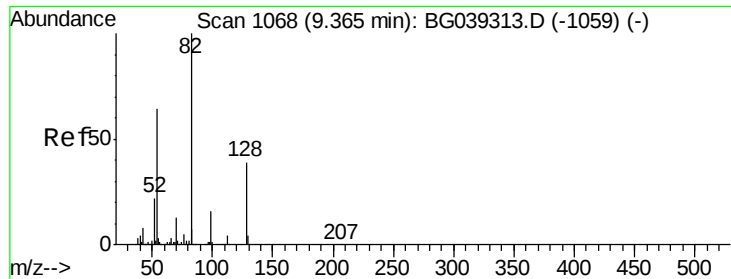
54 11.1 9.4 14.2

68 6.5 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

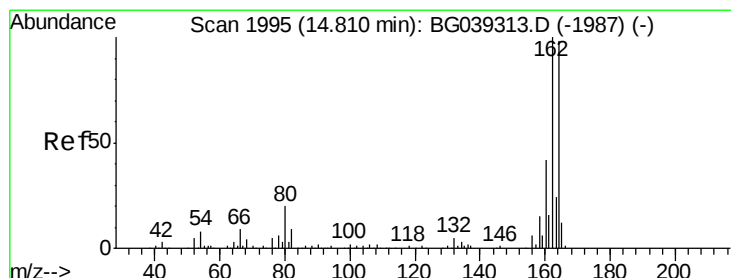
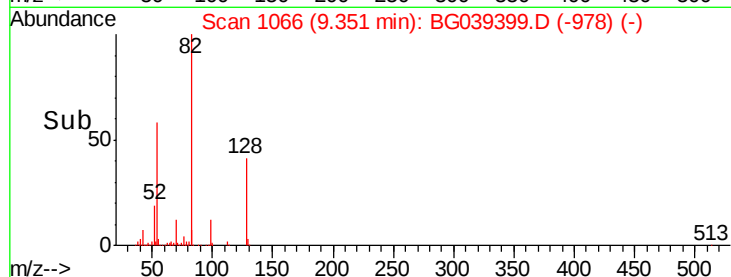
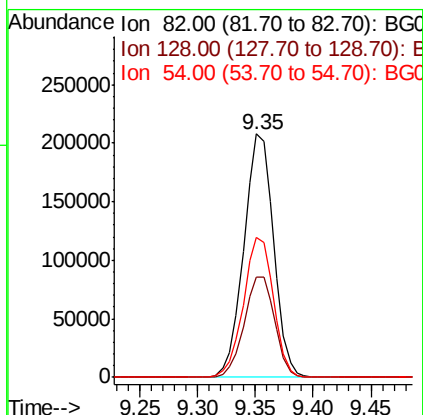
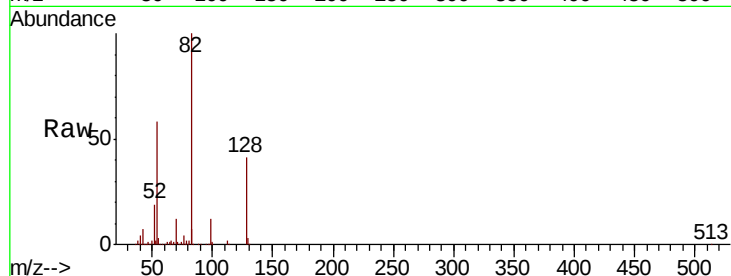




#23
 Nitrobenzene-d5
 Concen: 103.961 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039399.D
 Acq: 8 Feb 2019 2:11

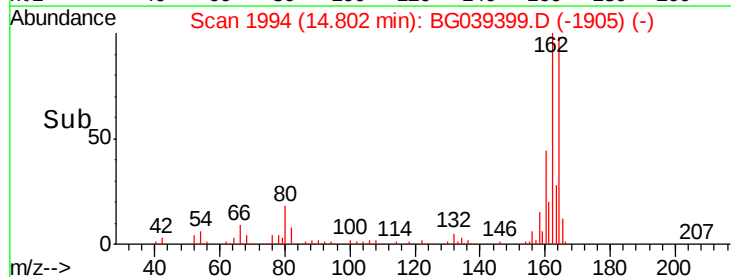
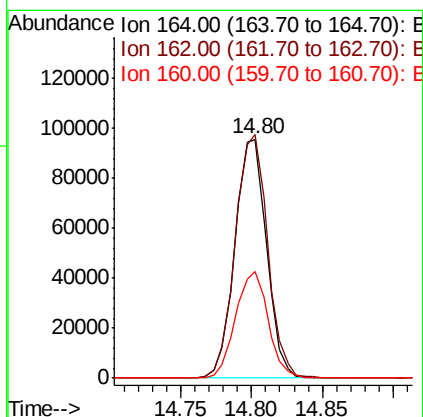
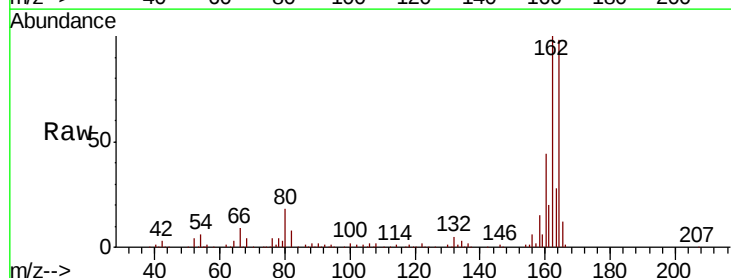
Instrument :
 BNA_G
 ClientSampleId :
 PB116922TB

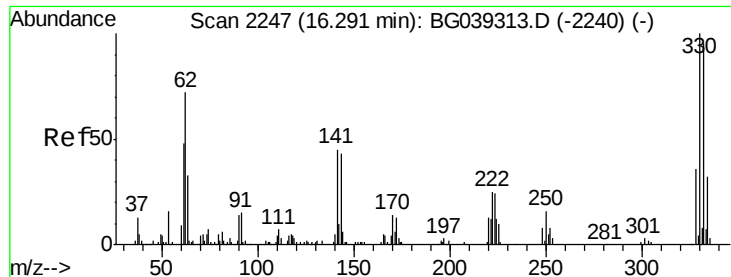
Tot Ion: 82 Resp: 372604
 Ion Ratio Lower Upper
 82 100
 128 41.1 31.3 46.9
 54 57.5 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BG039399.D
 Acq: 8 Feb 2019 2:11

Tgt Ion: 164 Resp: 149875
 Ion Ratio Lower Upper
 164 100
 162 101.8 81.6 122.4
 160 44.7 34.2 51.2

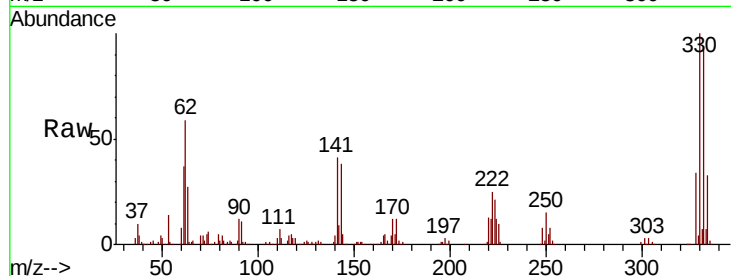




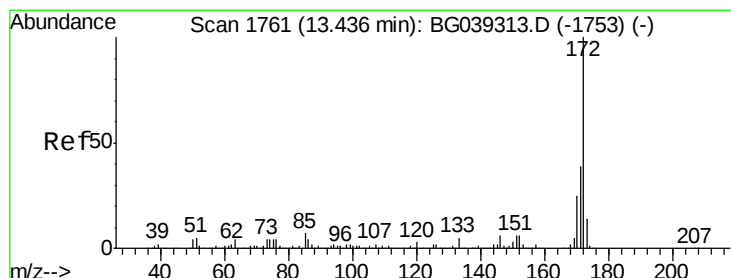
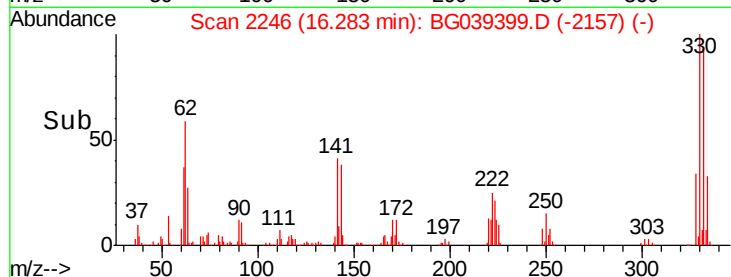
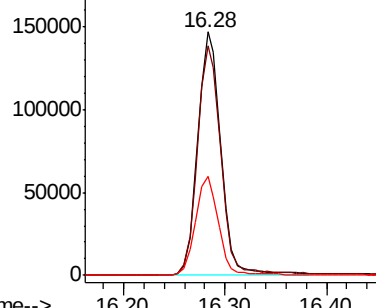
#42
 2,4,6-Tribromophenol
 Concen: 144.552 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039399.D
 Acq: 8 Feb 2019 2:11

Instrument :
 BNA_G
 ClientSampleId :
 PB116922TB

Tot Ion:330 Resp: 233292
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.7 113.5
 141 39.9 35.6 53.4

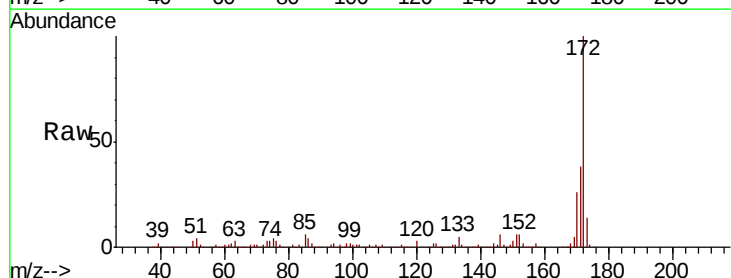


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

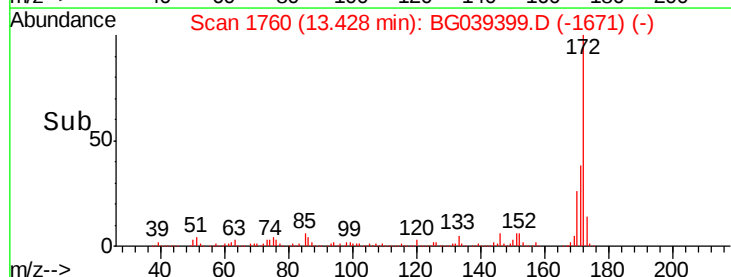
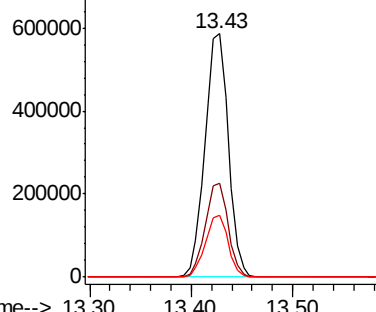


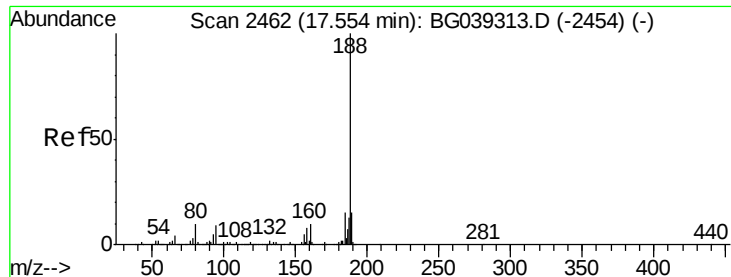
#45
 2-Fluorobiphenyl
 Concen: 89.916 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BG039399.D
 Acq: 8 Feb 2019 2:11

Tgt Ion:172 Resp: 939395
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.8 46.2
 170 25.6 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: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039399.D

Acq: 8 Feb 2019 2:11

Instrument :

BNA_G

ClientSampleId :

PB116922TB

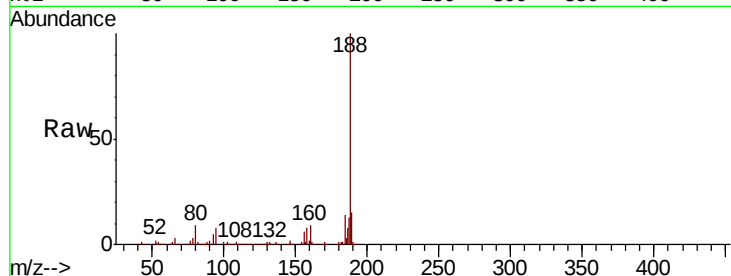
Tot Ion:188 Resp: 370495

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

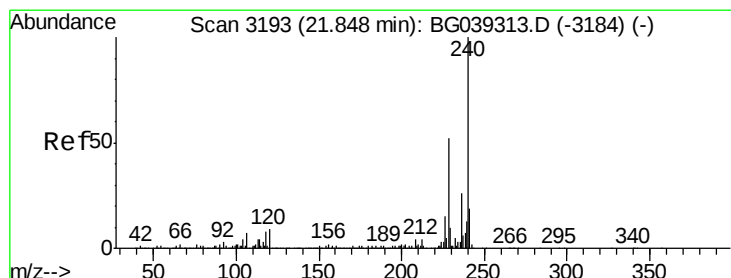
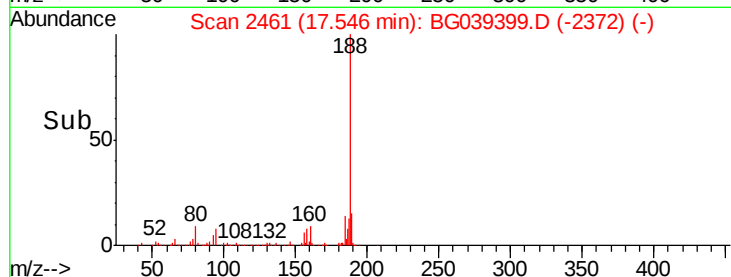
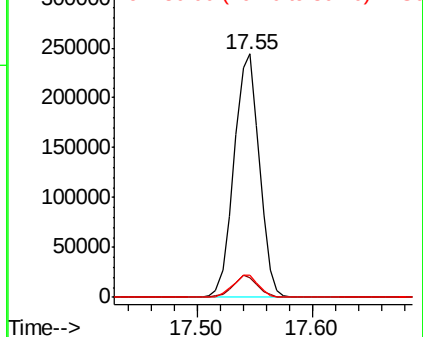
80 8.9 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039399.D

Acq: 8 Feb 2019 2:11

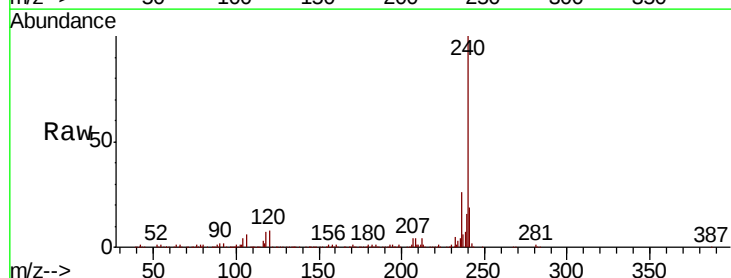
Tgt Ion:240 Resp: 414164

Ion Ratio Lower Upper

240 100

120 7.9 7.0 10.6

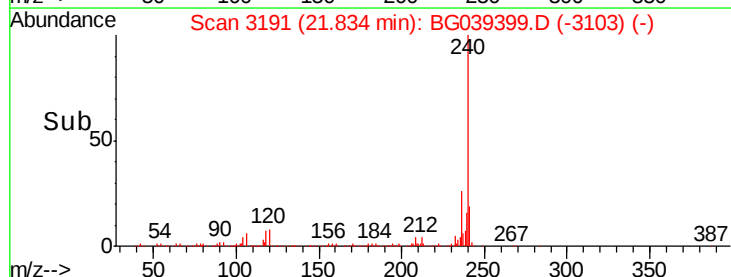
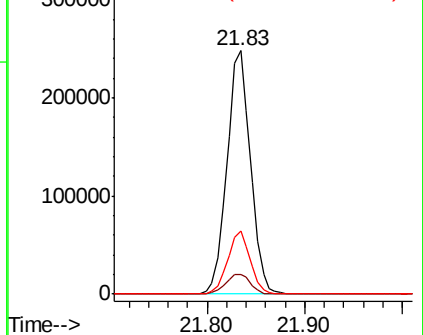
236 25.9 21.0 31.4

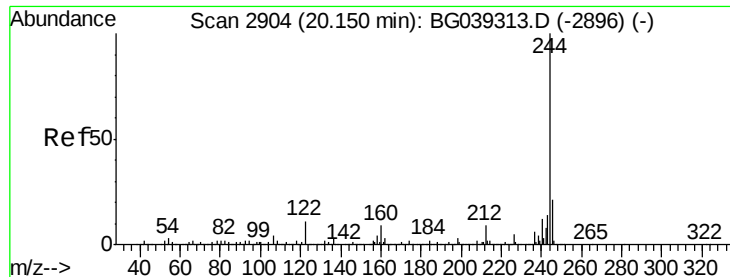


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.263 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039399.D

Acq: 8 Feb 2019 2:11

Instrument :

BNA_G

ClientSampleId :

PB116922TB

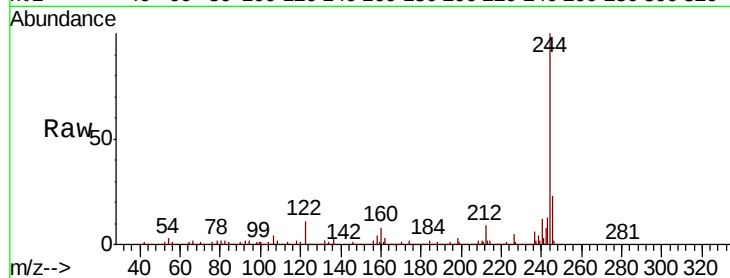
Tot Ion:244 Resp: 1570481

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

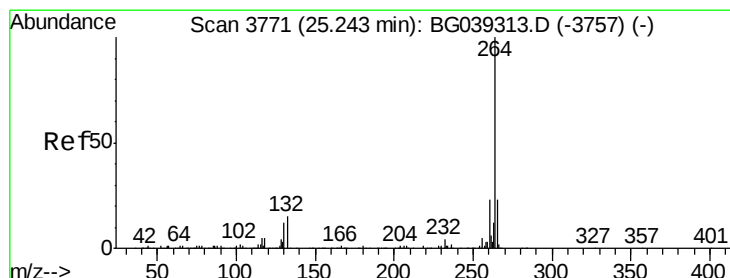
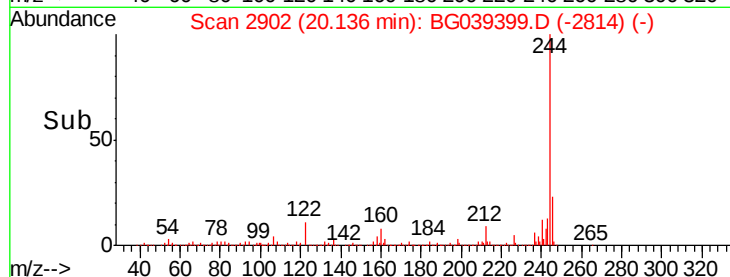
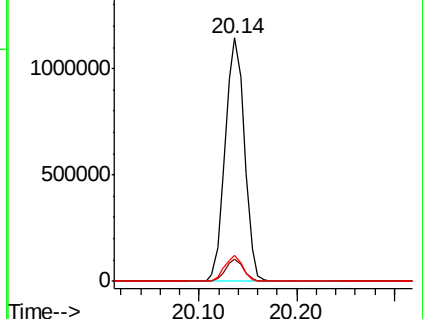
122 10.5 8.4 12.6



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# 3766

Delta R.T. -0.03 min

Lab File: BG039399.D

Acq: 8 Feb 2019 2:11

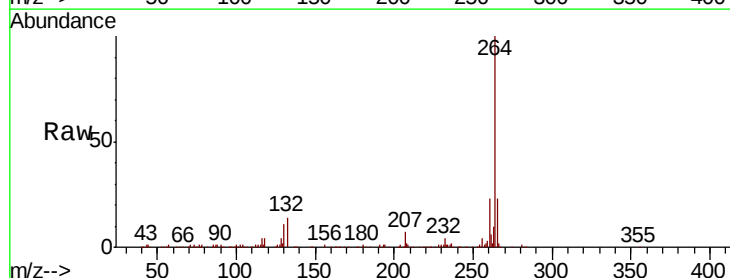
Tgt Ion:264 Resp: 400718

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 22.6 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

