

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
 Data File : BG039658.D
 Acq On : 28 Feb 2019 7:10
 Operator : JU/SJ
 Sample : K1610-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WV-A

Quant Time: Feb 28 08:03:18 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	58172	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	240301	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	151535	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	361010	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	394480	20.00	ng	-0.03
87) Perylene-d12	25.20	264	390618	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	497657	146.42	ng	0.00
7) Phenol-d6	7.32	99	653811	130.68	ng	0.00
23) Nitrobenzene-d5	9.34	82	450854	117.21	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	248377	152.21	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	1052829	99.67	ng	-0.02
79) Terphenyl-d14	20.13	244	1614054	86.61	ng	-0.02

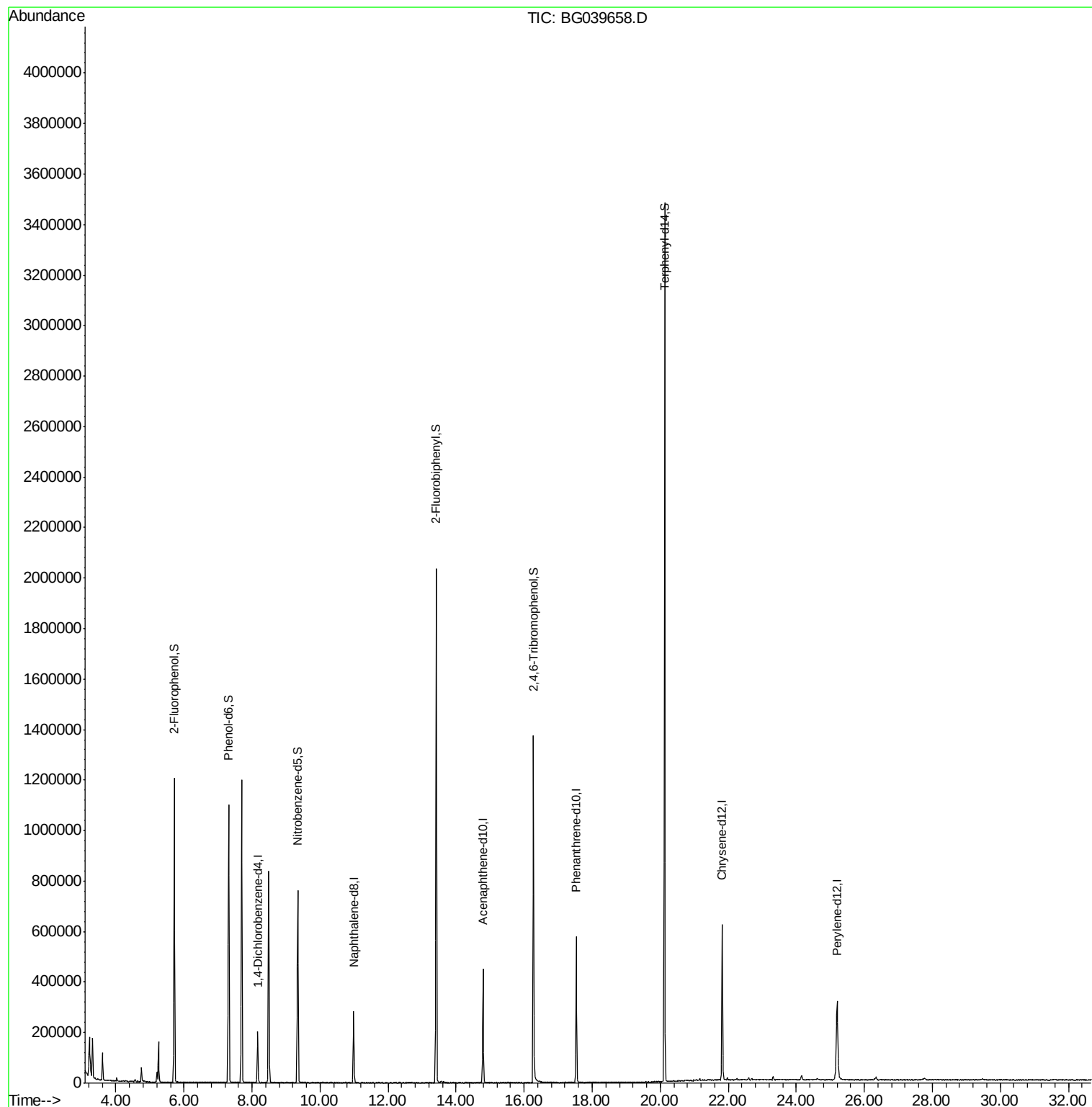
Target Compounds Qvalue

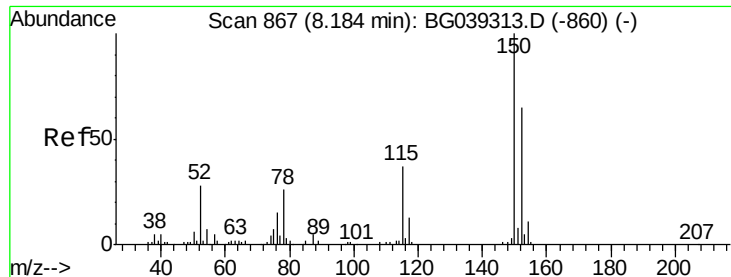
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039658.D
Acq On : 28 Feb 2019 7:10
Operator : JU/SJ
Sample : K1610-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WV-A

Quant Time: Feb 28 08:03:18 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



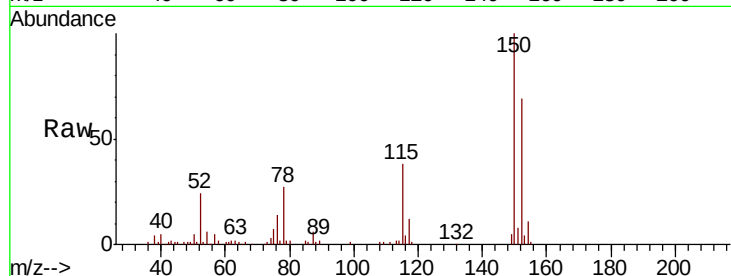


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039658.D
Acq: 28 Feb 2019 7:10

Instrument :
BNA_G
ClientSampleId :
WV-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.0	123.7	185.5
115	54.3	45.9	68.9

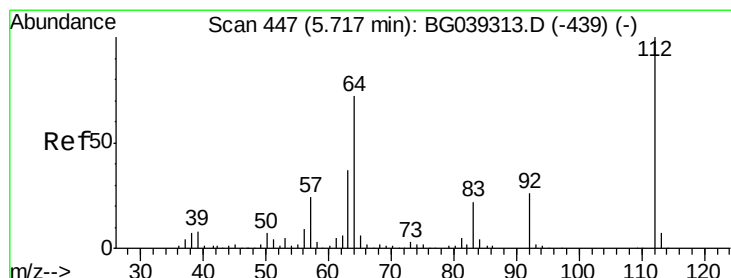
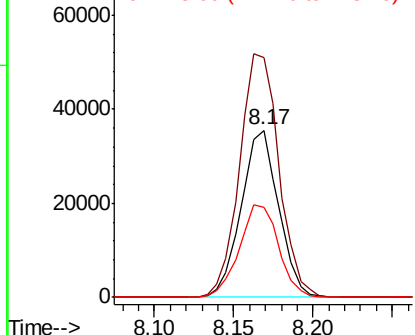
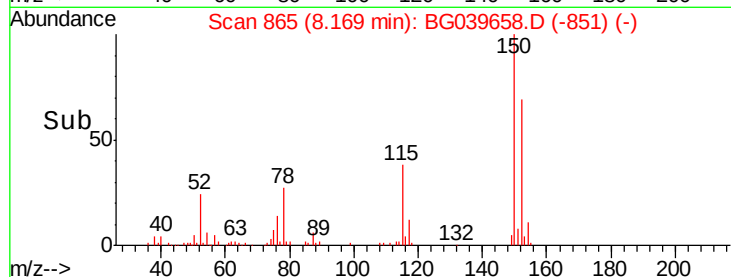


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

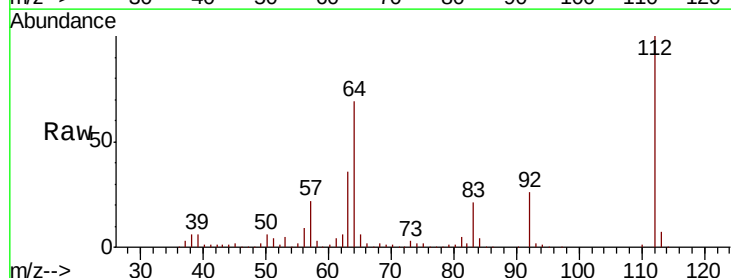
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 146.418 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039658.D
Acq: 28 Feb 2019 7:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	57.8	86.8
63	35.7	29.8	44.6

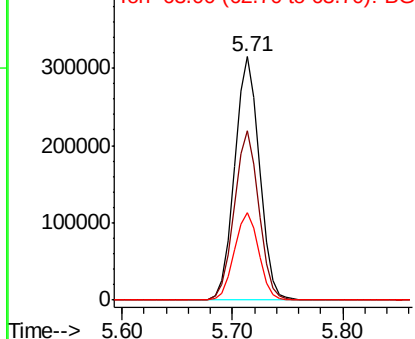
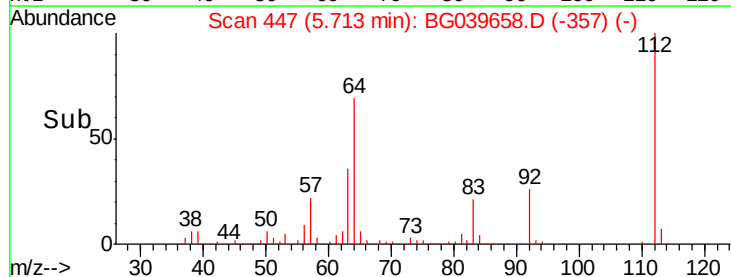


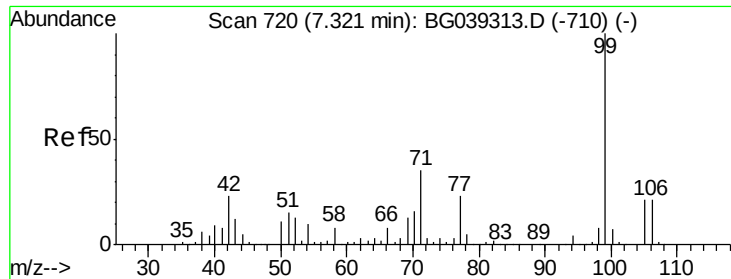
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 130.683 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039658.D

Acq: 28 Feb 2019 7:10

Instrument :

BNA_G

ClientSampleId :

WV-A

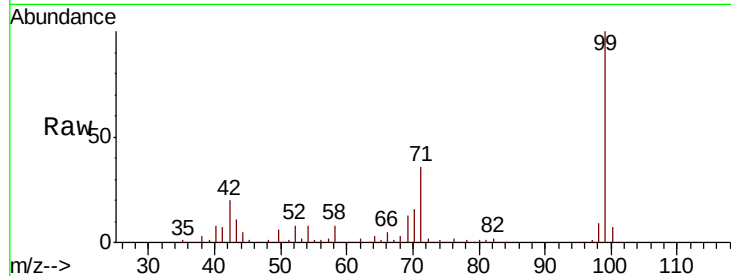
Tot Ion: 99 Resp: 653811

Ion Ratio Lower Upper

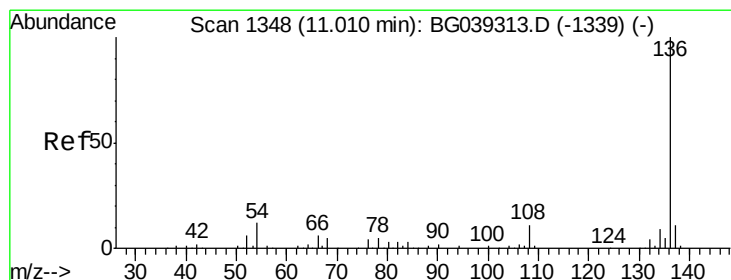
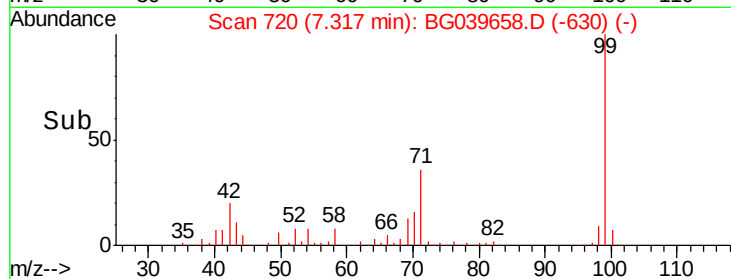
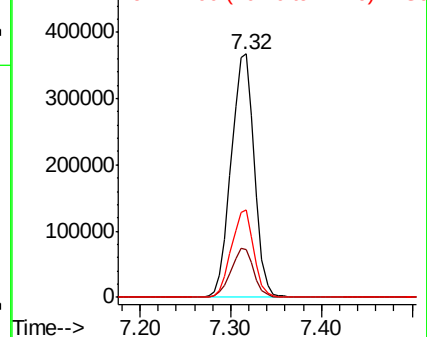
99 100

42 19.6 18.2 27.2

71 35.8 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: 10.99 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BG039658.D

Acq: 28 Feb 2019 7:10

Tgt Ion: 136 Resp: 240301

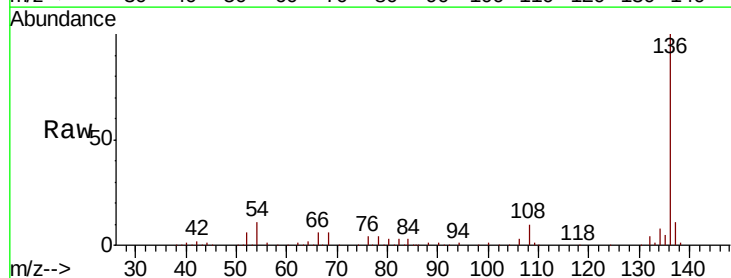
Ion Ratio Lower Upper

136 100

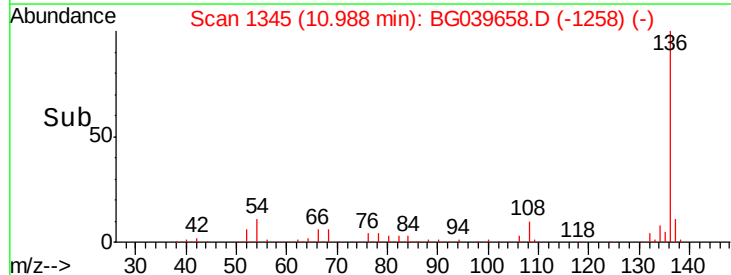
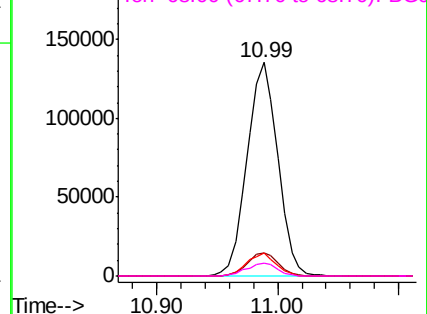
137 10.8 9.1 13.7

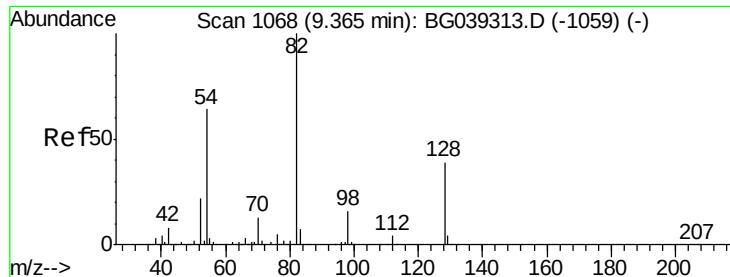
54 10.5 9.4 14.2

68 6.1 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

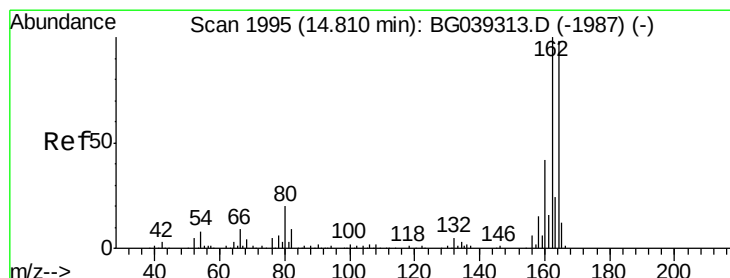
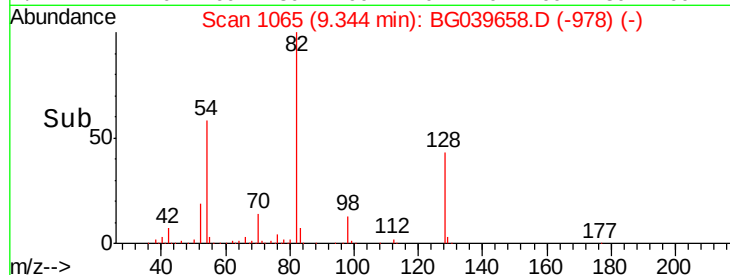
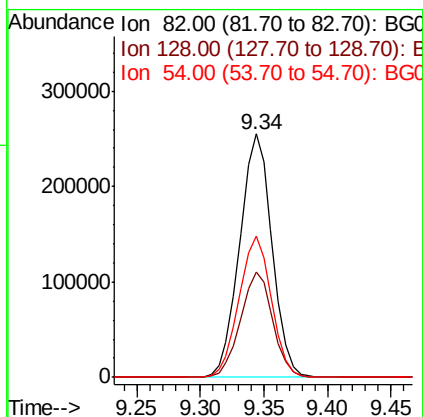
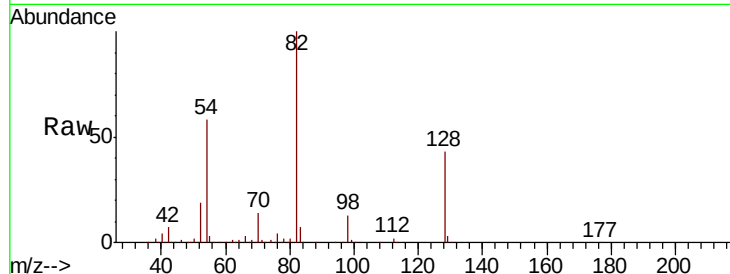




#23
Nitrobenzene-d5
Concen: 117.210 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039658.D
Acq: 28 Feb 2019 7:10

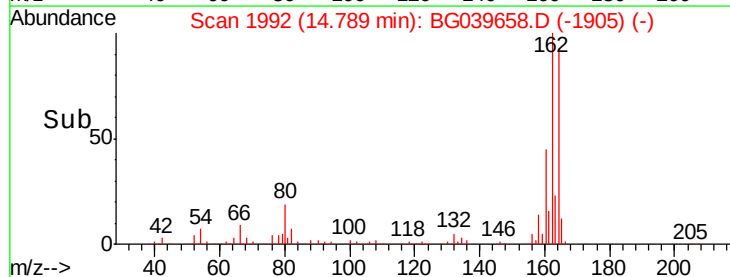
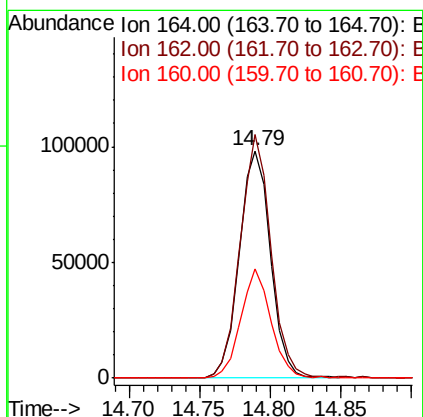
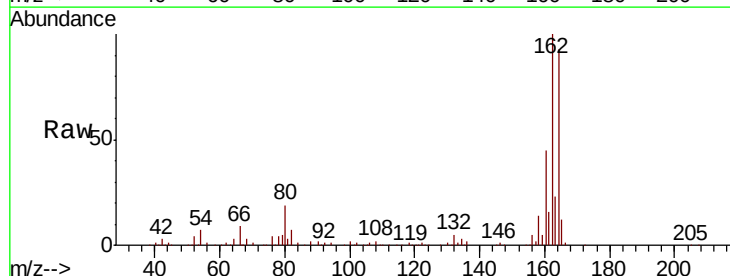
Instrument :
BNA_G
ClientSampleId :
WV-A

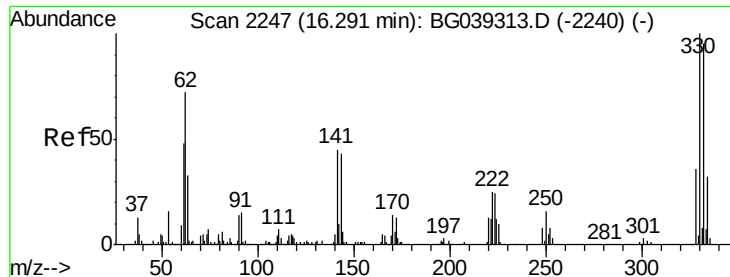
Tot Ion	82	Resp	450854
Ion Ratio	100	Lower	Upper
128	43.5	31.3	46.9
54	58.0	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039658.D
Acq: 28 Feb 2019 7:10

Tgt Ion	164	Resp	151535
Ion Ratio	100	Lower	Upper
162	107.0	81.6	122.4
160	47.8	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 152.213 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.02 min

Lab File: BG039658.D

Acq: 28 Feb 2019 7:10

Instrument :

BNA_G

ClientSampleId :

WV-A

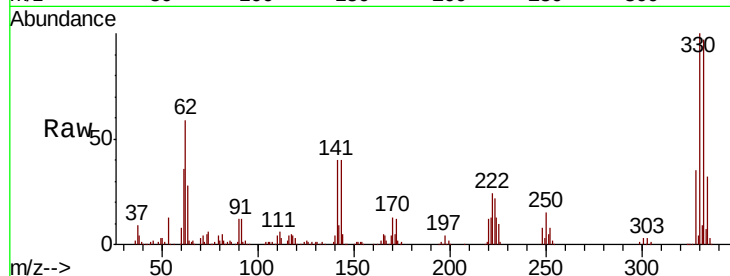
Tot Ion:330 Resp: 248377

Ion Ratio Lower Upper

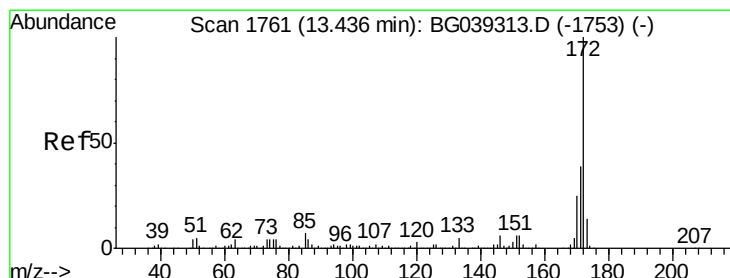
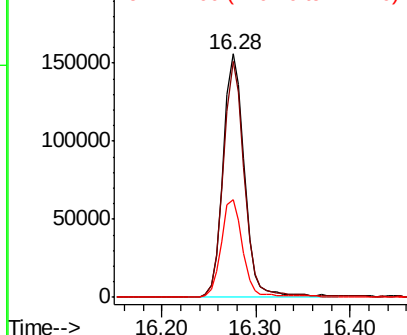
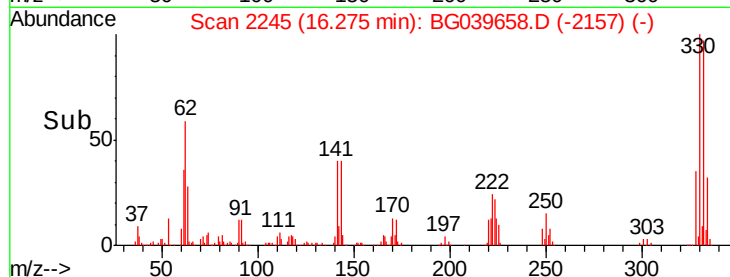
330 100

332 96.8 75.7 113.5

141 40.8 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: 99.669 ng

RT: 13.41 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BG039658.D

Acq: 28 Feb 2019 7:10

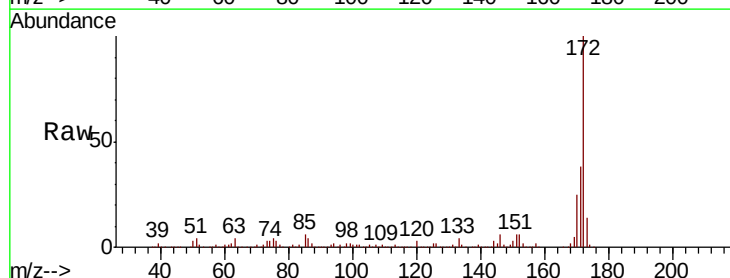
Tgt Ion:172 Resp: 1052829

Ion Ratio Lower Upper

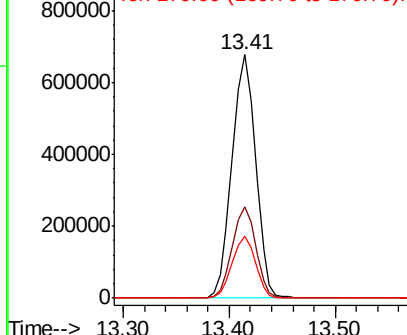
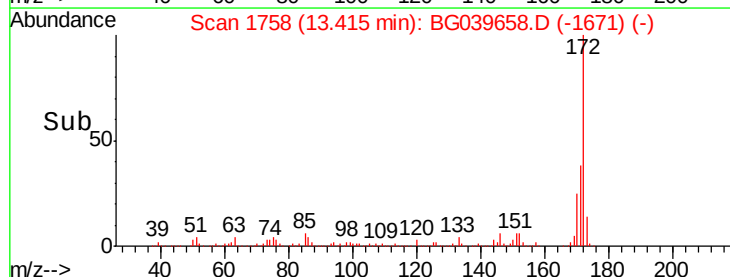
172 100

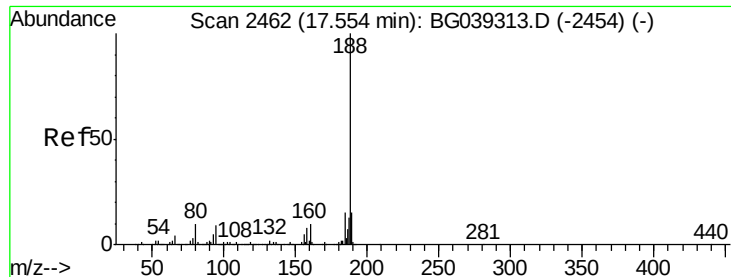
171 37.6 30.8 46.2

170 25.3 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: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039658.D

Acq: 28 Feb 2019 7:10

Instrument :

BNA_G

ClientSampleId :

WV-A

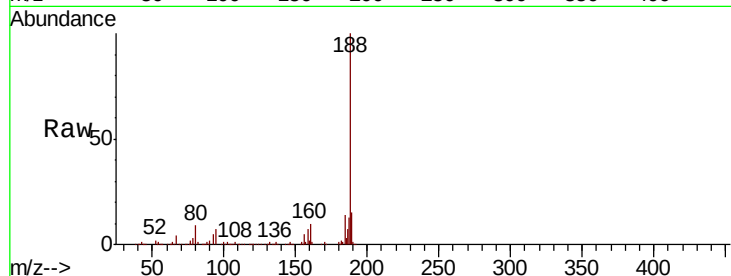
Tot Ion:188 Resp: 361010

Ion Ratio Lower Upper

188 100

94 7.4 6.9 10.3

80 9.2 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

300000

250000

200000

150000

100000

50000

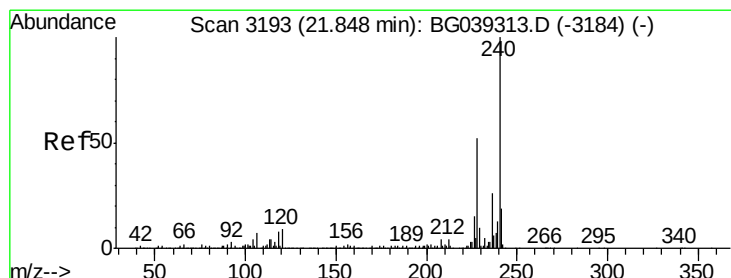
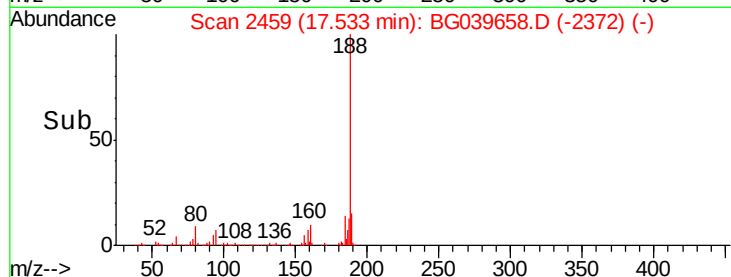
0

17.53

17.50

17.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.03 min

Lab File: BG039658.D

Acq: 28 Feb 2019 7:10

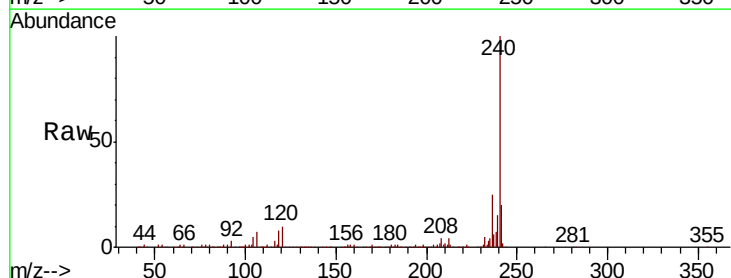
Tgt Ion:240 Resp: 394480

Ion Ratio Lower Upper

240 100

120 9.6 7.0 10.6

236 25.2 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

300000

250000

200000

150000

100000

50000

0

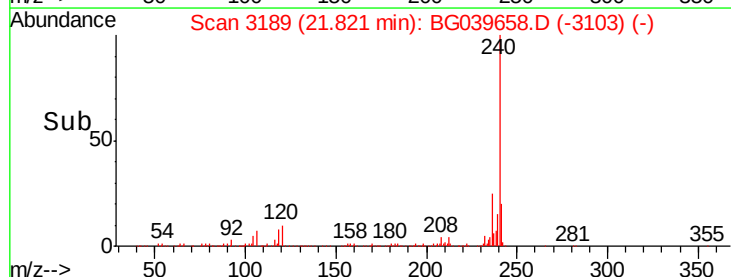
21.82

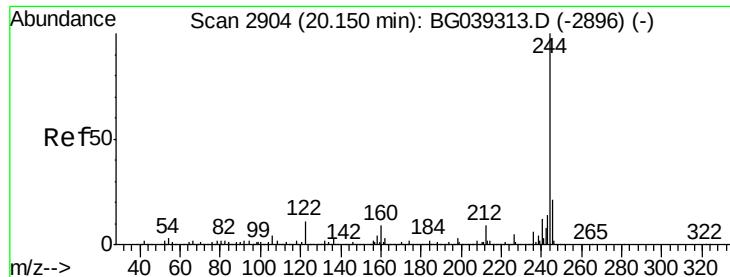
21.70

21.80

21.90

Time-->





#79

Terphenyl-d14

Concen: 86.606 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039658.D

Acq: 28 Feb 2019 7:10

Instrument :

BNA_G

ClientSampled :

WV-A

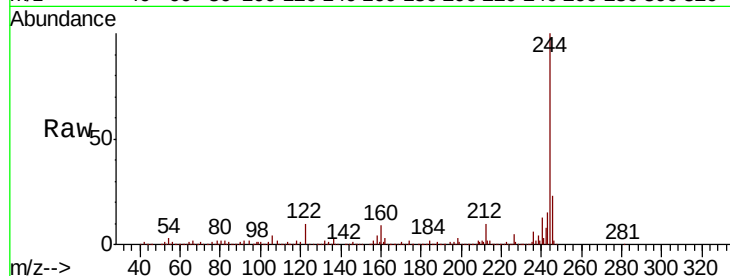
Tot Ion:244 Resp: 1614054

Ion Ratio Lower Upper

244 100

212 9.8 7.3 10.9

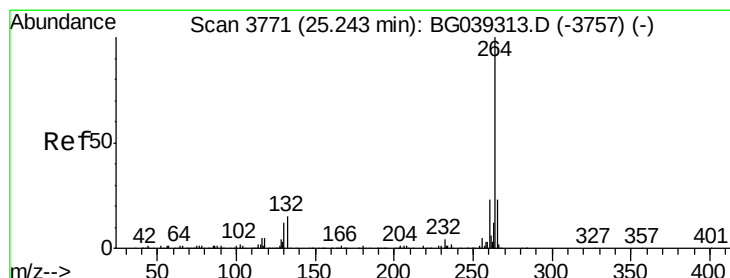
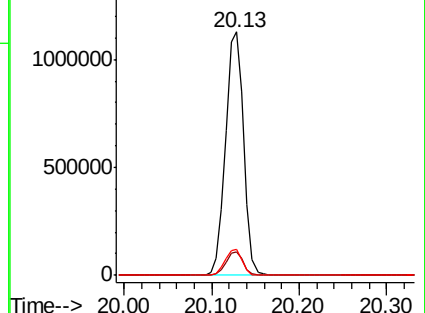
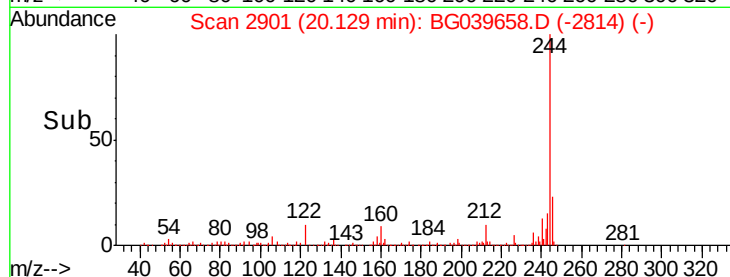
122 10.5 8.4 12.6



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: 25.20 min Scan# 3764

Delta R.T. -0.04 min

Lab File: BG039658.D

Acq: 28 Feb 2019 7:10

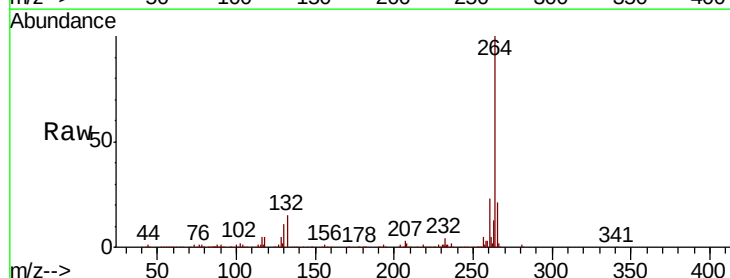
Tgt Ion:264 Resp: 390618

Ion Ratio Lower Upper

264 100

260 23.3 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

