

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039194.D
 Acq On : 17 Jan 2019 19:58
 Operator : JU/SJ
 Sample : PB116454BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116454BL

Quant Time: Jan 18 04:48:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	22398	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	88824	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	62123	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	174463	20.00	ng	0.00
76) Chrysene-d12	21.68	240	203567	20.00	ng	0.00
87) Perylene-d12	24.94	264	232070	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	183513	155.43	ng	0.00
7) Phenol-d6	7.18	99	254050	149.51	ng	0.00
23) Nitrobenzene-d5	9.20	82	148707	91.61	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	150344	144.37	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	437401	96.36	ng	0.00
79) Terphenyl-d14	20.01	244	983508	89.38	ng	0.00

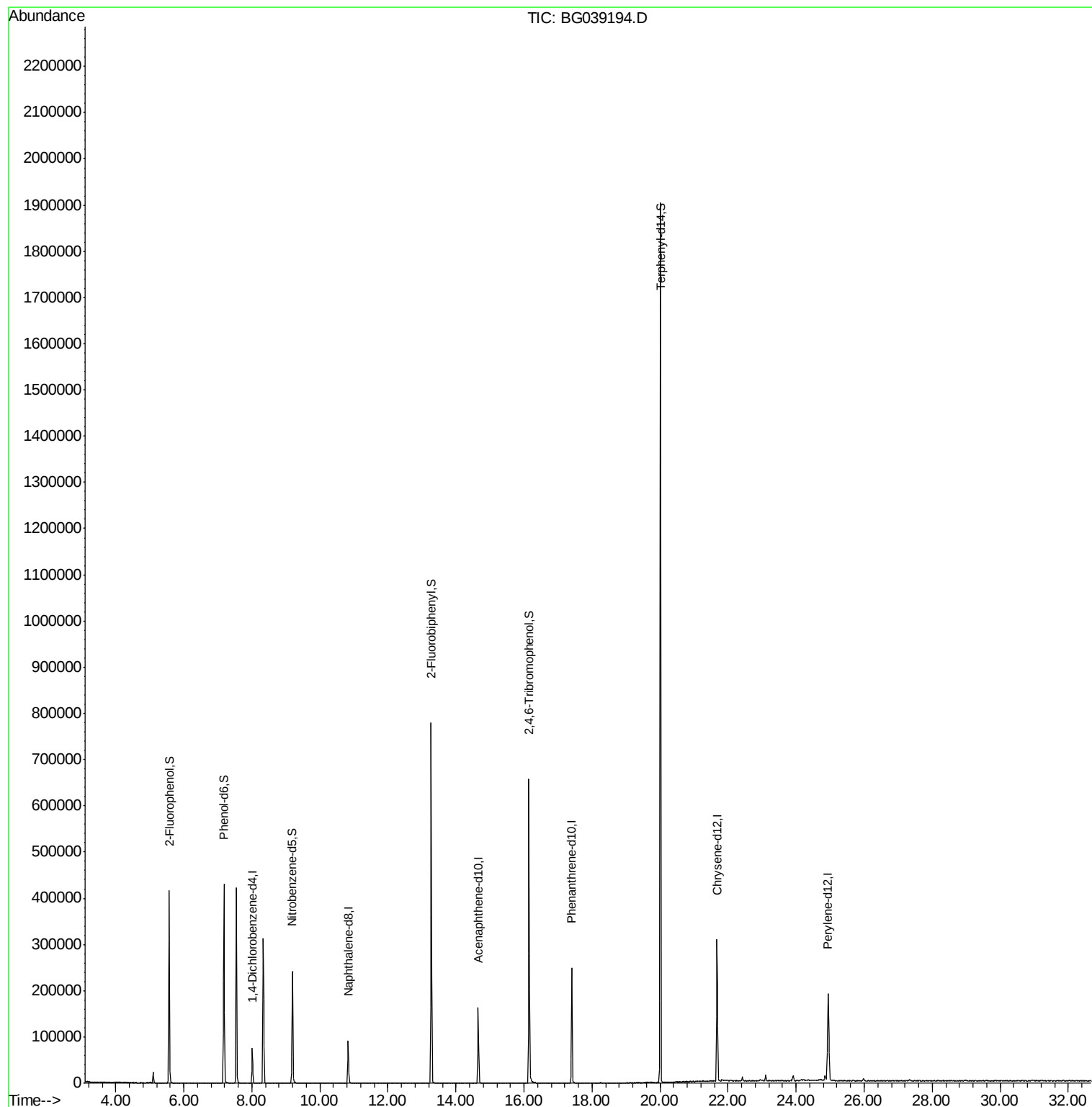
Target Compounds Qvalue

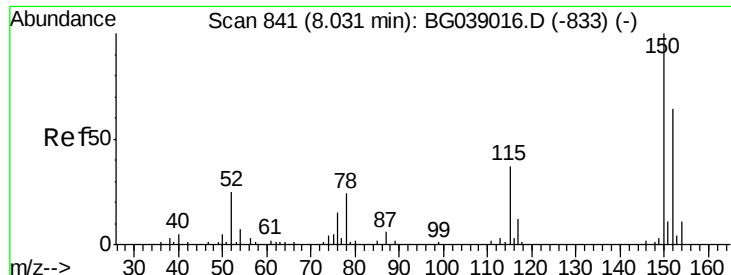
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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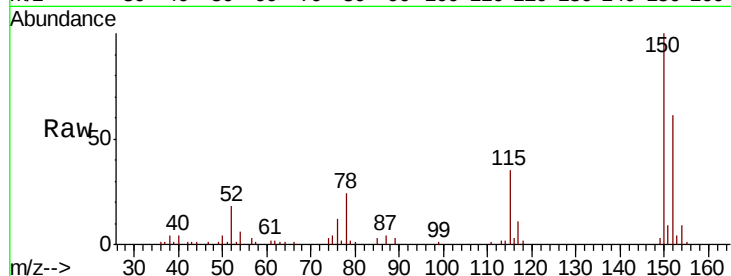


#1

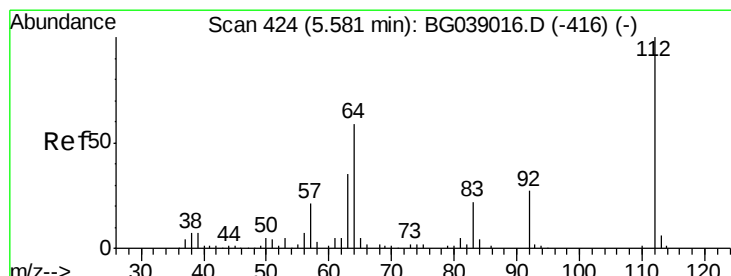
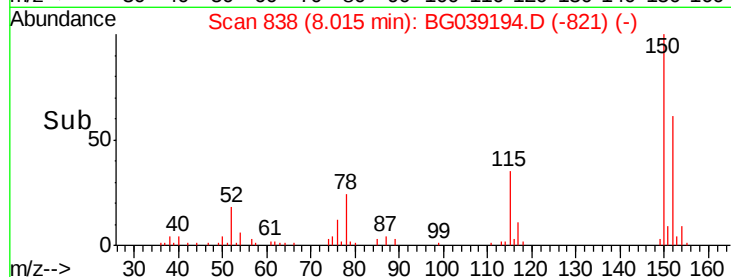
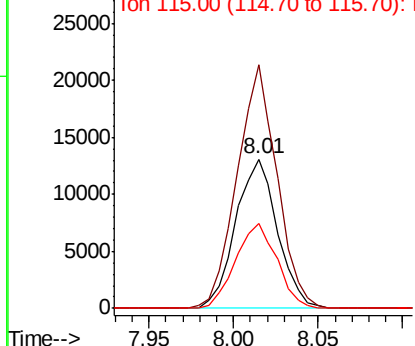
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG039194.D
Acq: 17 Jan 2019 19:58

Instrument :
BNA_G
ClientSampled :
PB116454BL

Tot Ion:152 Resp: 22398
Ion Ratio Lower Upper
152 100
150 163.3 124.7 187.1
115 57.0 46.5 69.7



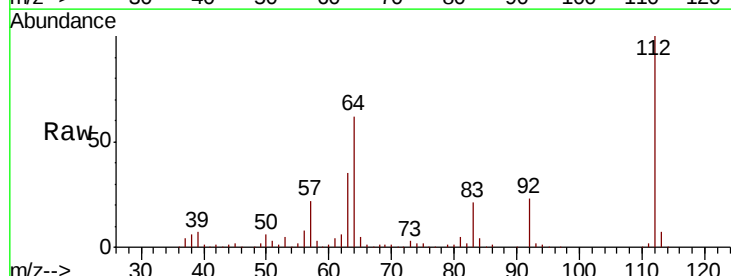
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



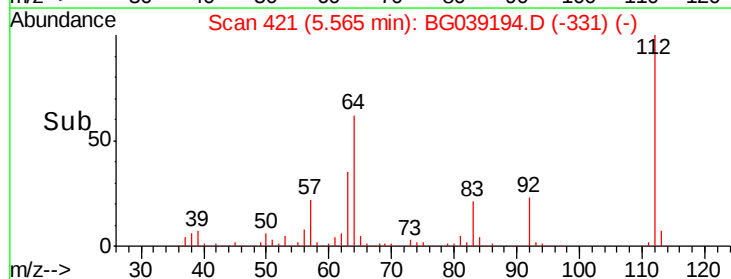
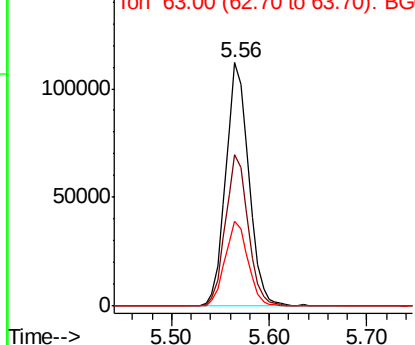
#5

2-Fluorophenol
Concen: 155.425 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG039194.D
Acq: 17 Jan 2019 19:58

Tgt Ion:112 Resp: 183513
Ion Ratio Lower Upper
112 100
64 62.0 47.0 70.6
63 35.1 28.0 42.0



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: 149.511 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG039194.D

Acq: 17 Jan 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB116454BL

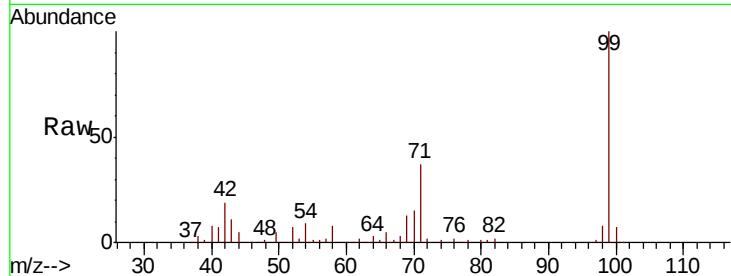
Tot Ion: 99 Resp: 254050

Ion Ratio Lower Upper

99 100

42 19.2 15.8 23.6

71 37.2 30.2 45.4

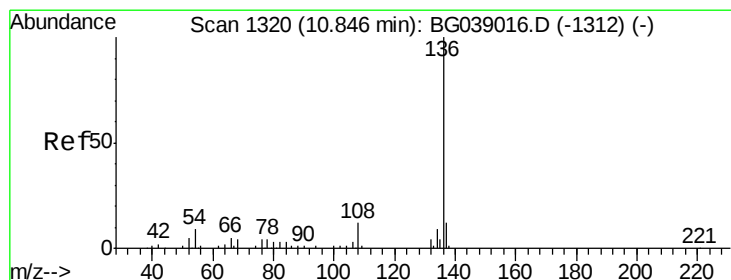
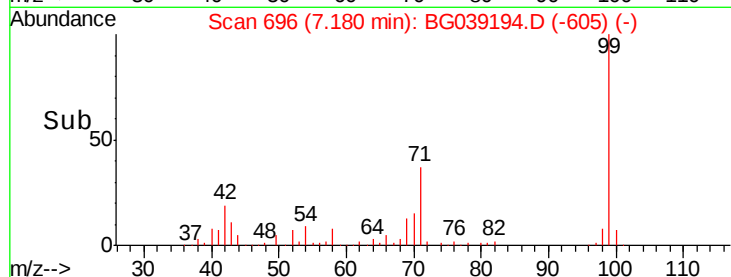
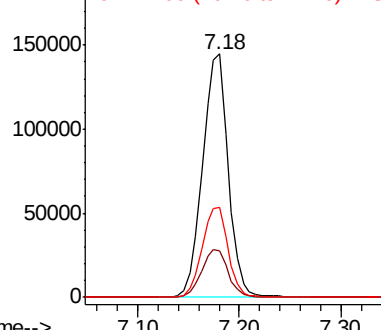


Abundance

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: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG039194.D

Acq: 17 Jan 2019 19:58

Tgt Ion: 136 Resp: 88824

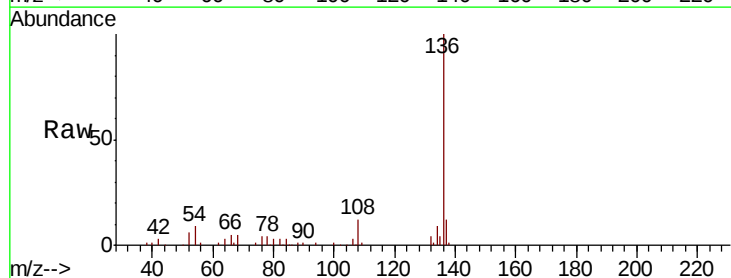
Ion Ratio Lower Upper

136 100

137 11.7 9.4 14.2

54 9.2 7.2 10.8

68 4.8 3.5 5.3



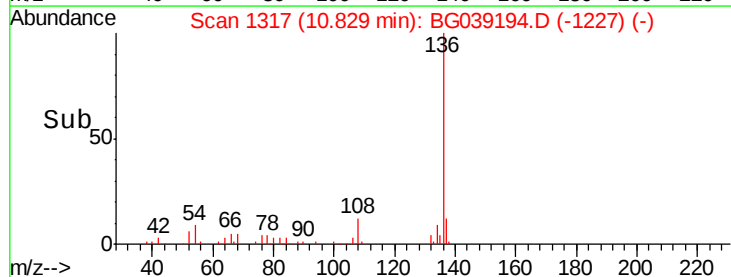
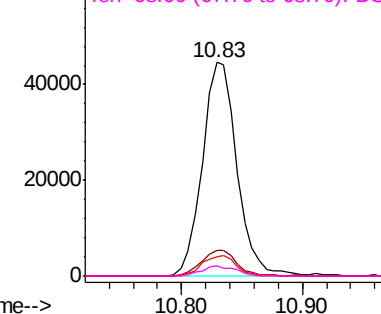
Abundance

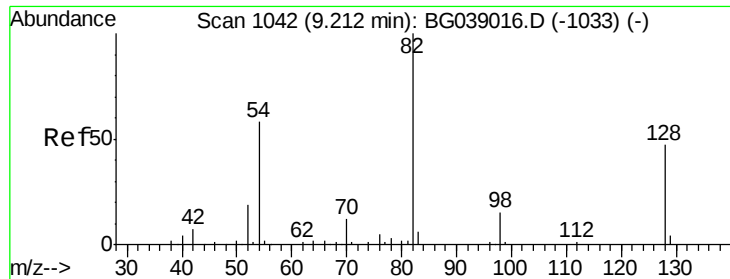
Ion 136.00 (135.70 to 136.70): BGC

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

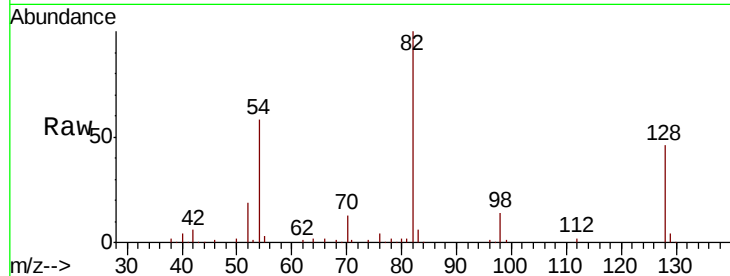




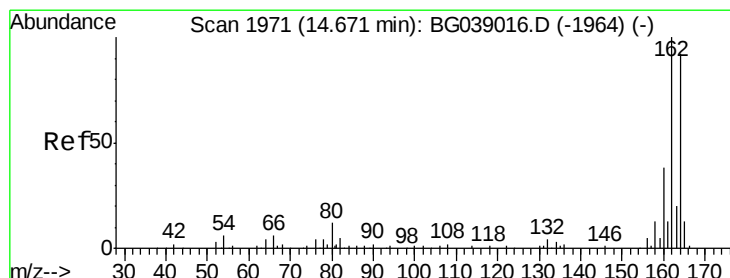
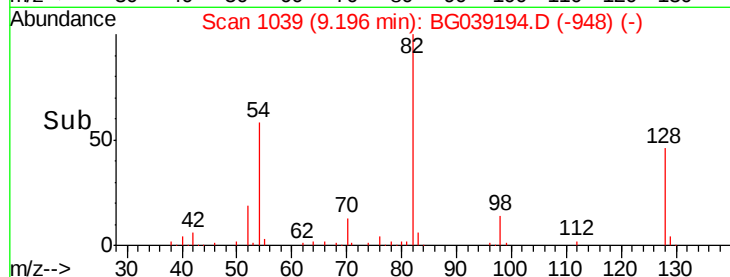
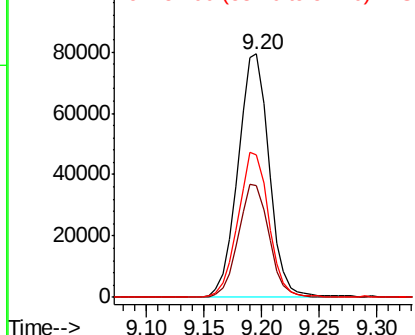
#23
 Nitrobenzene-d5
 Concen: 91.610 ng
 RT: 9.20 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: BG039194.D
 Acq: 17 Jan 2019 19:58

Instrument :
 BNA_G
 ClientSampleId :
 PB116454BL

Tot Ion: 82 Resp: 148707
 Ion Ratio Lower Upper
 82 100
 128 45.9 37.3 55.9
 54 58.4 46.4 69.6

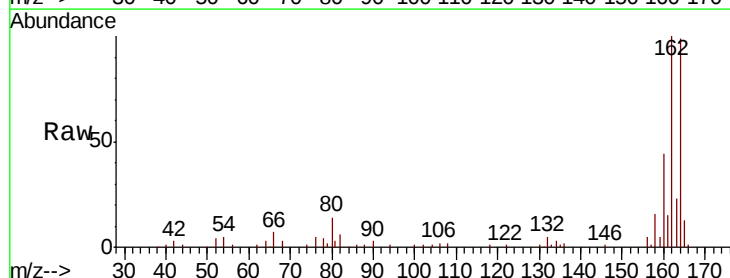


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

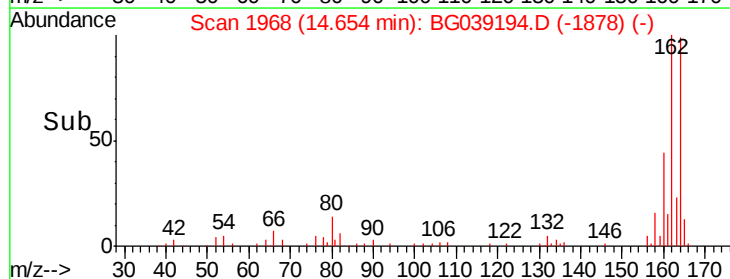
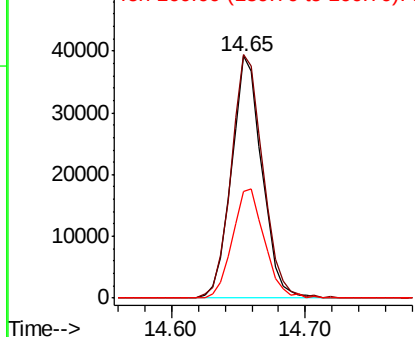


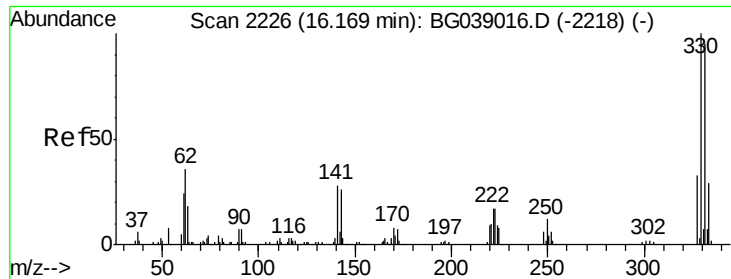
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG039194.D
 Acq: 17 Jan 2019 19:58

Tgt Ion:164 Resp: 62123
 Ion Ratio Lower Upper
 164 100
 162 100.5 87.2 130.8
 160 43.9 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: 144.374 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG039194.D

Acq: 17 Jan 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB116454BL

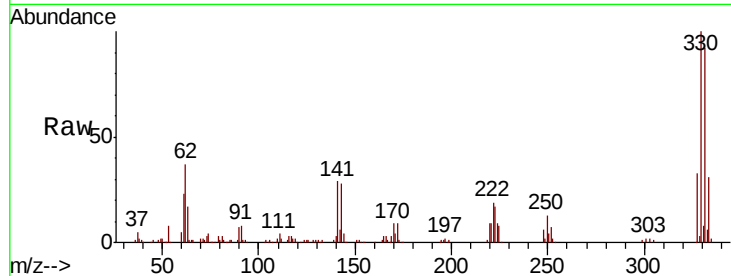
Tot Ion:330 Resp: 150344

Ion Ratio Lower Upper

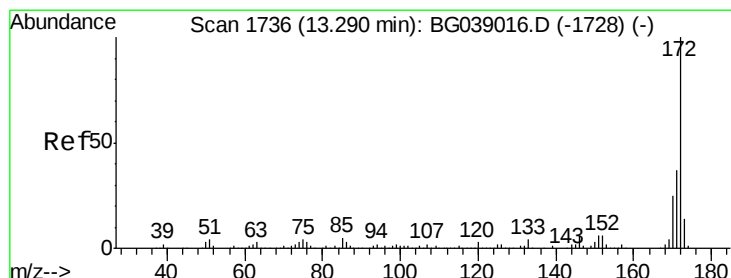
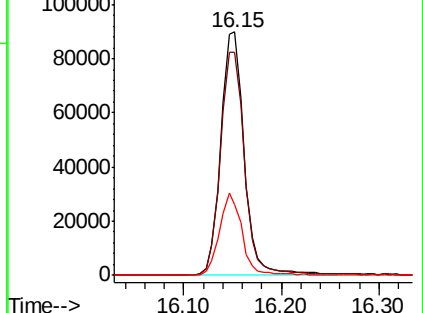
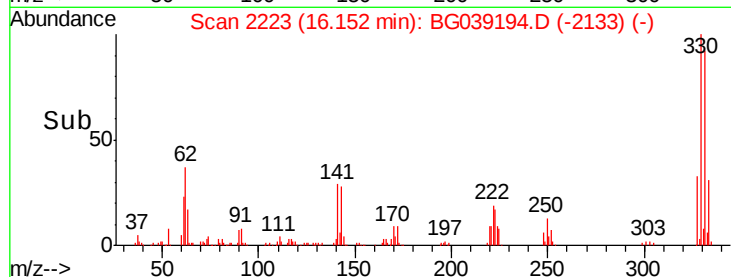
330 100

332 94.3 75.7 113.5

141 32.4 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: 96.359 ng

RT: 13.27 min Scan# 1733

Delta R.T. -0.00 min

Lab File: BG039194.D

Acq: 17 Jan 2019 19:58

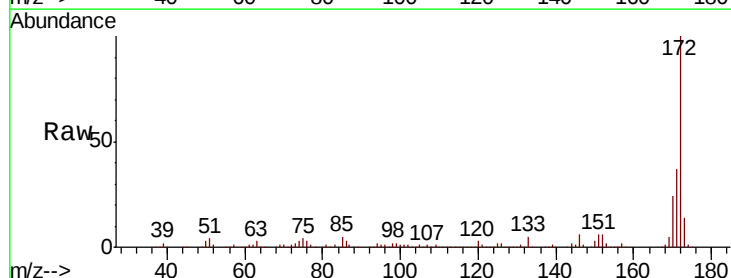
Tgt Ion:172 Resp: 437401

Ion Ratio Lower Upper

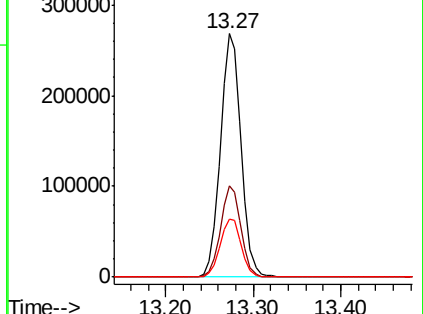
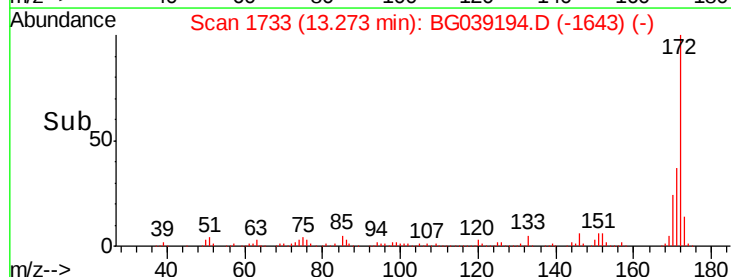
172 100

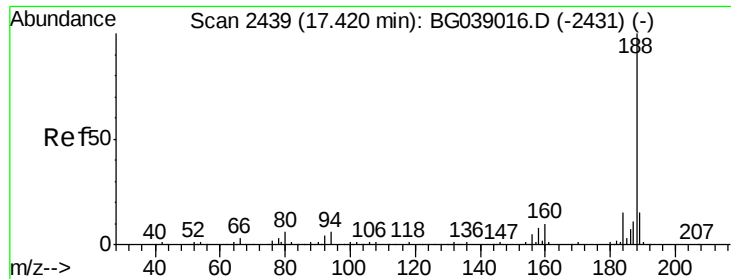
171 37.3 29.4 44.0

170 23.8 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: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG039194.D

Acq: 17 Jan 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB116454BL

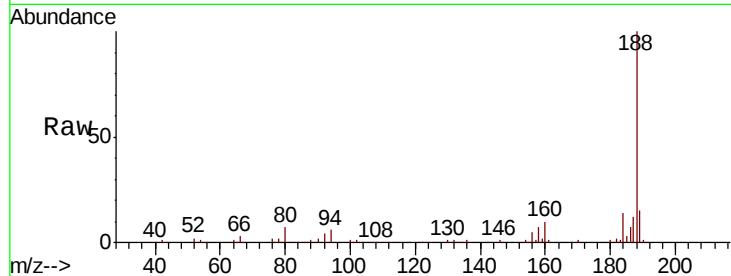
Tot Ion:188 Resp: 174463

Ion Ratio Lower Upper

188 100

94 6.2 5.0 7.4

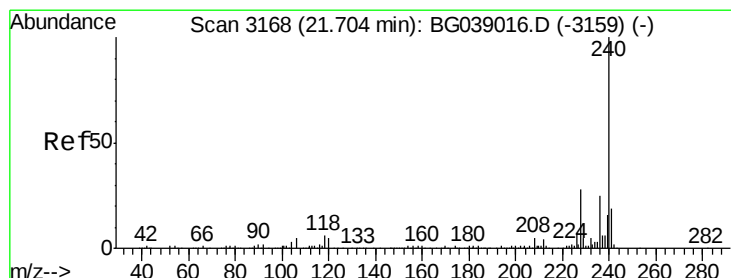
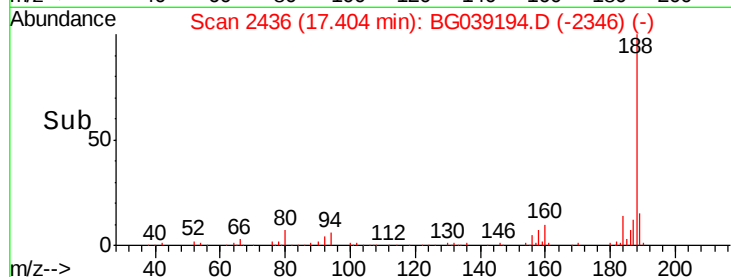
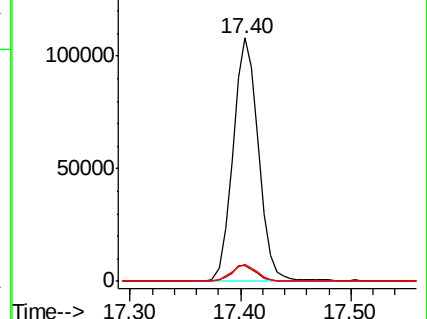
80 6.9 4.7 7.1



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: 21.68 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG039194.D

Acq: 17 Jan 2019 19:58

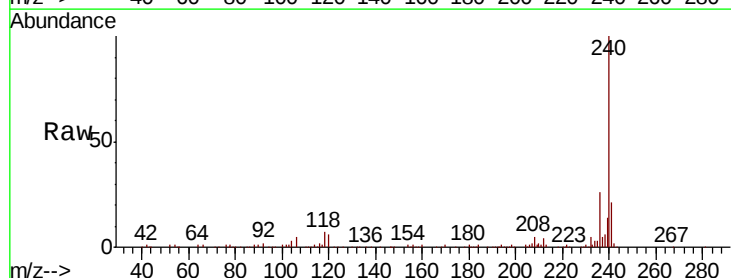
Tgt Ion:240 Resp: 203567

Ion Ratio Lower Upper

240 100

120 6.2 4.3 6.5

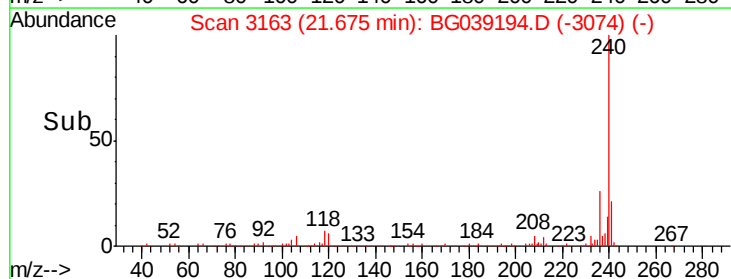
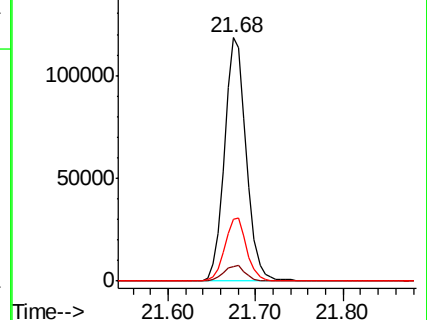
236 25.7 20.1 30.1

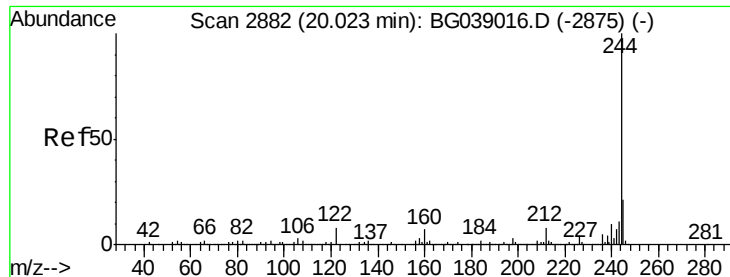


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.375 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.01 min

Lab File: BG039194.D

Acq: 17 Jan 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB116454BL

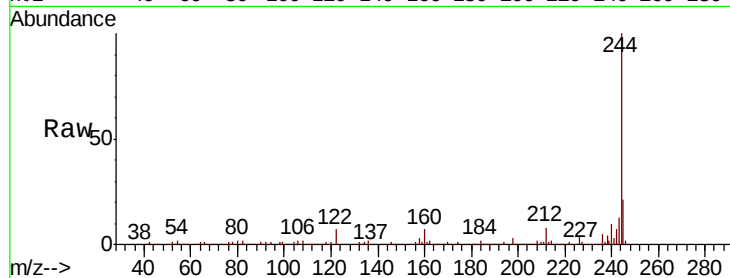
Tot Ion:244 Resp: 983508

Ion Ratio Lower Upper

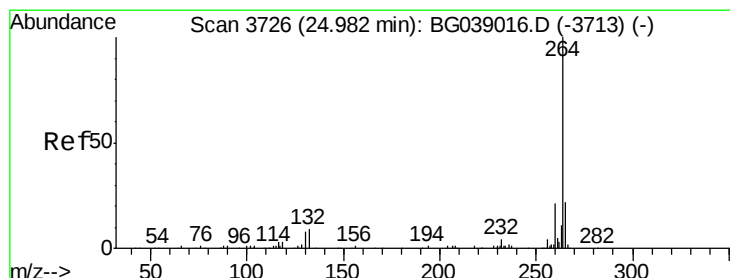
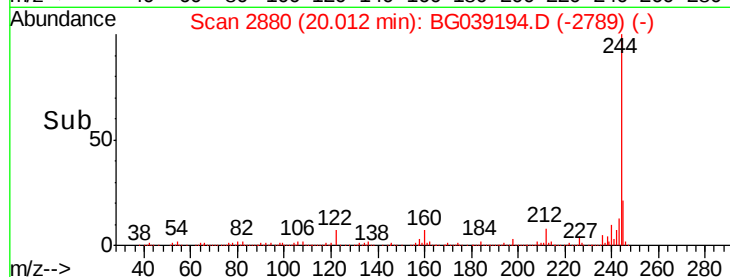
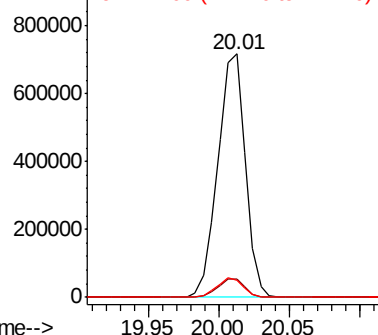
244 100

212 7.6 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: 24.94 min Scan# 3719

Delta R.T. -0.01 min

Lab File: BG039194.D

Acq: 17 Jan 2019 19:58

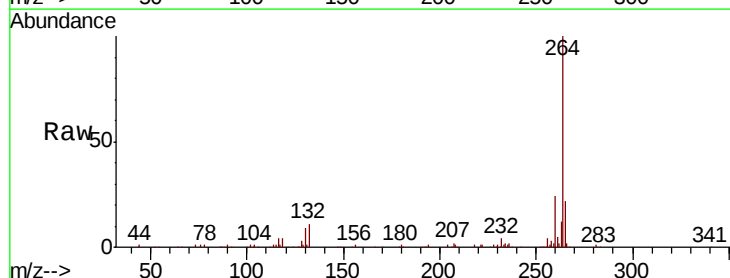
Tgt Ion:264 Resp: 232070

Ion Ratio Lower Upper

264 100

260 23.7 17.0 25.6

265 21.9 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

