

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012119\
 Data File : BG039231.D
 Acq On : 21 Jan 2019 13:23
 Operator : JU/SJ
 Sample : PB116511BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116511BL

Quant Time: Jan 21 14:00:04 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	16078	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	63660	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	47970	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	129338	20.00	ng	0.00
76) Chrysene-d12	21.67	240	135921	20.00	ng	0.00
87) Perylene-d12	24.93	264	141883	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	110654	130.56	ng	0.00
7) Phenol-d6	7.17	99	154272	126.48	ng	0.00
23) Nitrobenzene-d5	9.19	82	90233	77.56	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	95394	118.63	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	275028	78.46	ng	0.00
79) Terphenyl-d14	20.00	244	562737	76.59	ng	0.00

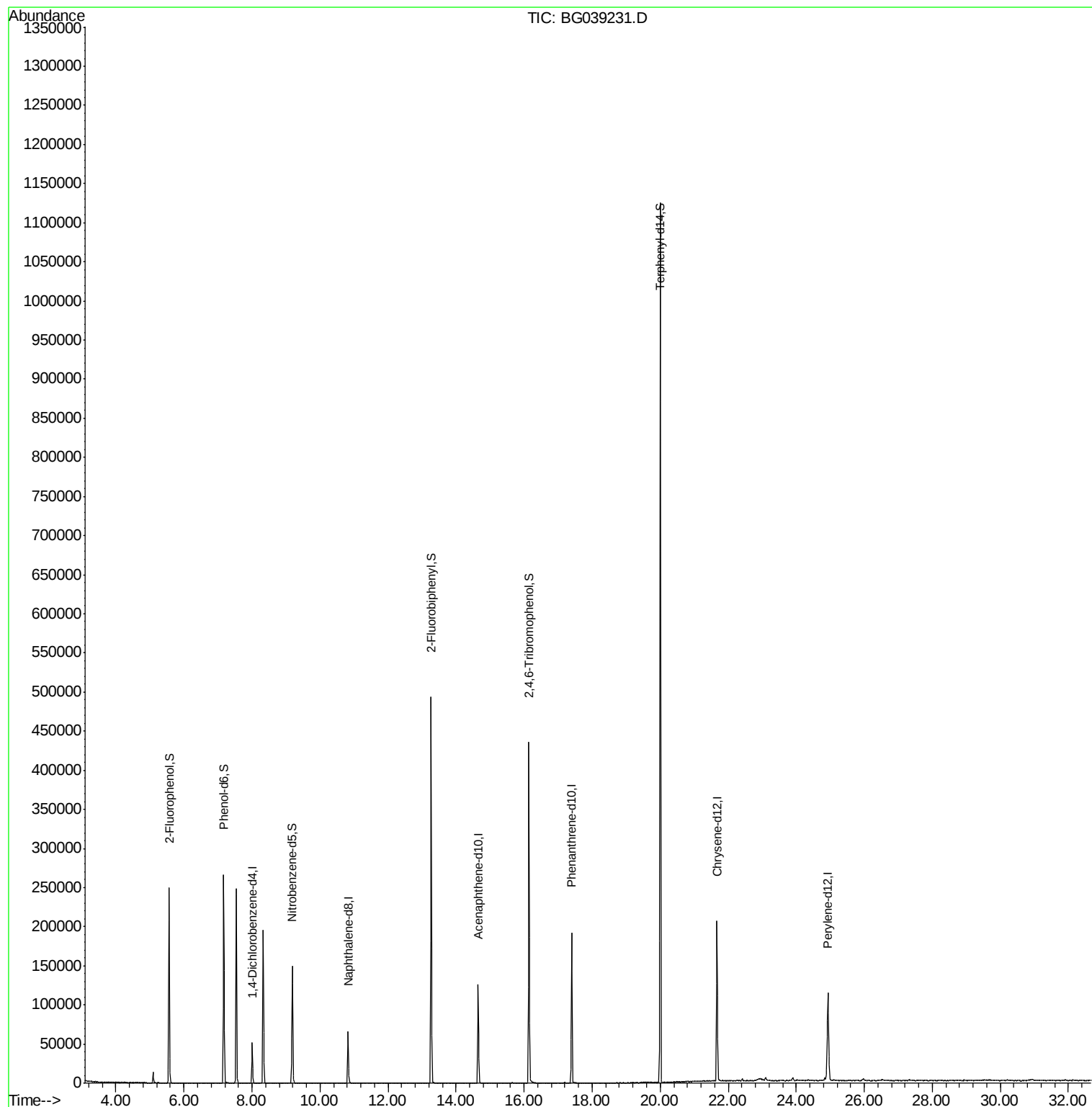
Target Compounds Qvalue

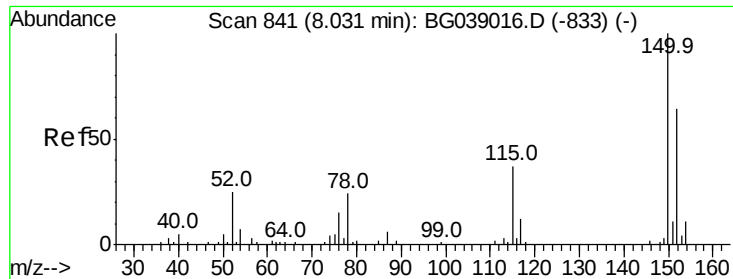
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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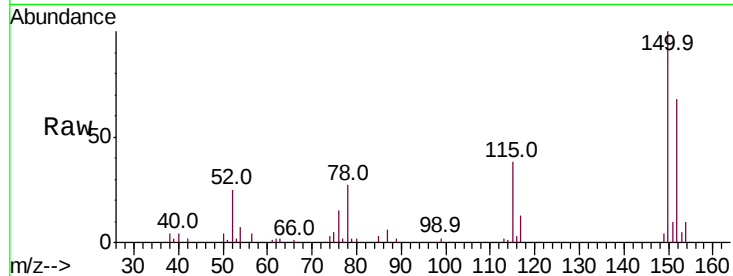


#1

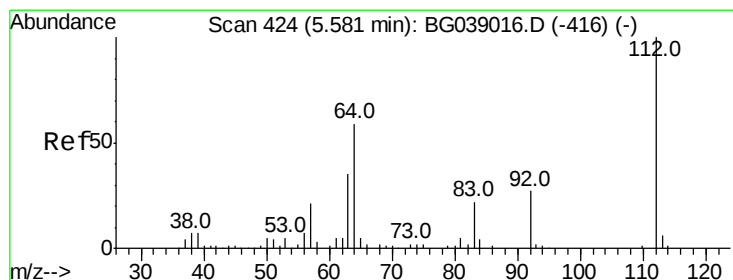
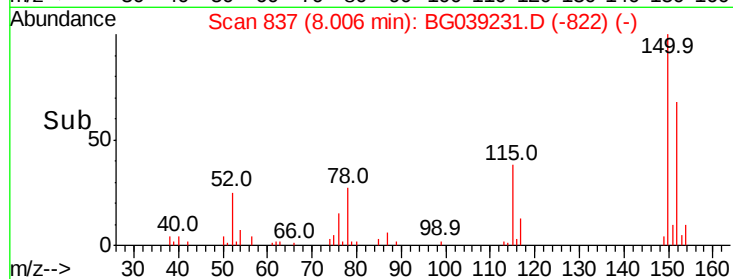
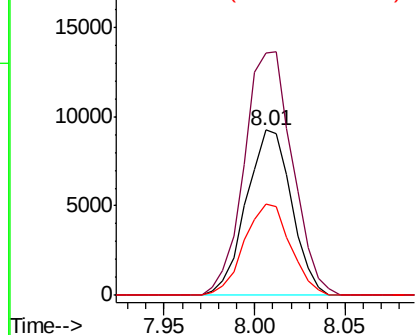
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BG039231.D
 Acq: 21 Jan 2019 13:23

Instrument :
 BNA_G
 ClientSampleId :
 PB116511BL

Tot Ion:152 Resp: 16078
 Ion Ratio Lower Upper
 152 100
 150 146.5 124.7 187.1
 115 55.2 46.5 69.7



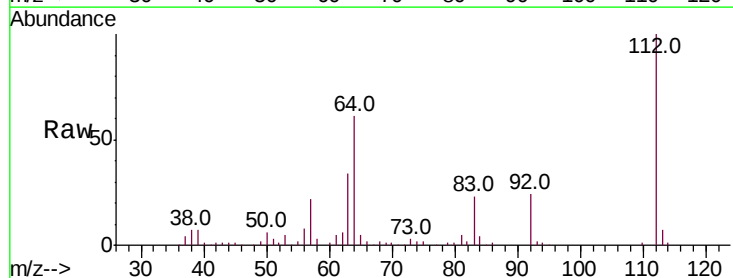
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



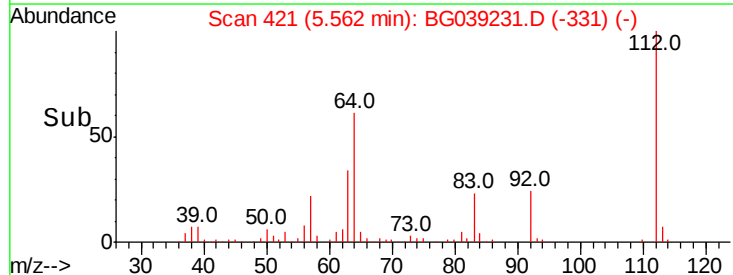
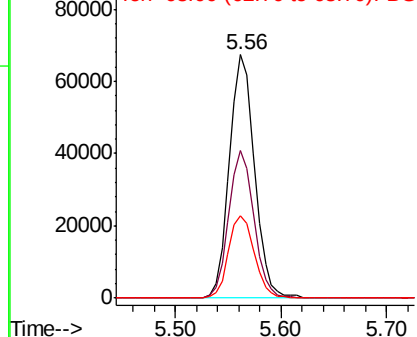
#5

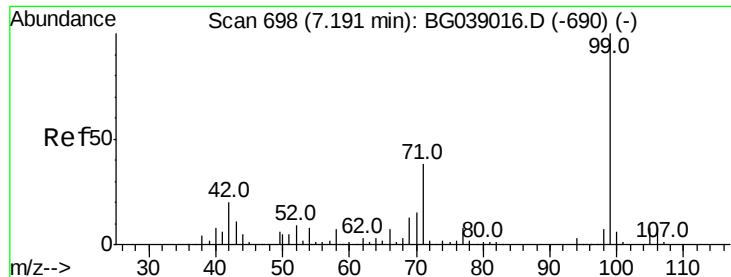
2-Fluorophenol
 Concen: 130.556 ng
 RT: 5.56 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BG039231.D
 Acq: 21 Jan 2019 13:23

Tgt Ion:112 Resp: 110654
 Ion Ratio Lower Upper
 112 100
 64 60.7 47.0 70.6
 63 33.9 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: 126.479 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039231.D

Acq: 21 Jan 2019 13:23

Instrument :

BNA_G

ClientSampleId :

PB116511BL

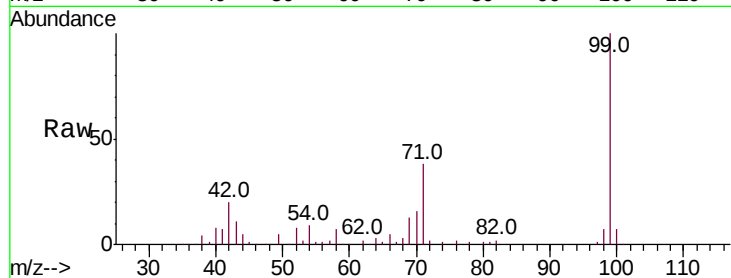
Tot Ion: 99 Resp: 154272

Ion Ratio Lower Upper

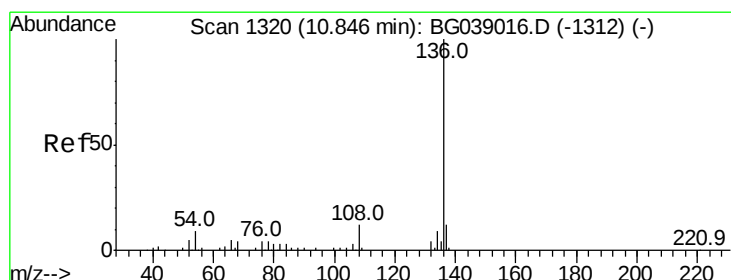
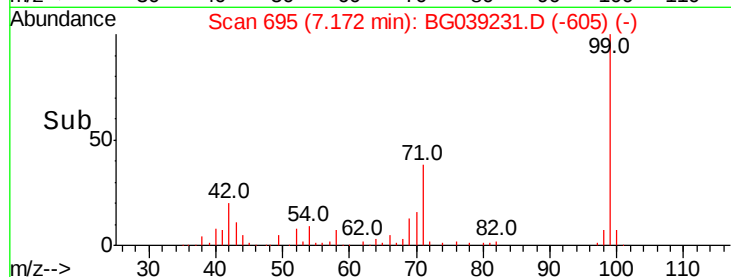
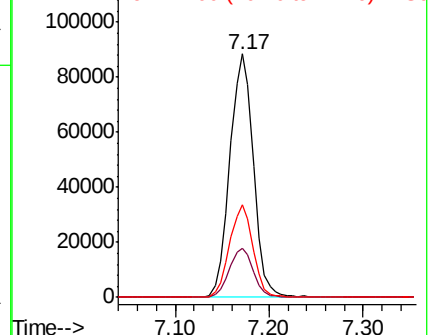
99 100

42 20.3 15.8 23.6

71 38.3 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: BG039231.D

Acq: 21 Jan 2019 13:23

Tgt Ion: 136 Resp: 63660

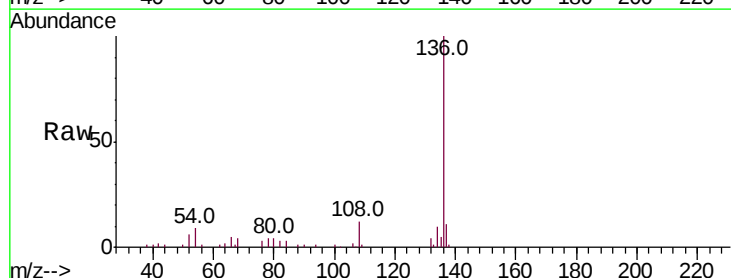
Ion Ratio Lower Upper

136 100

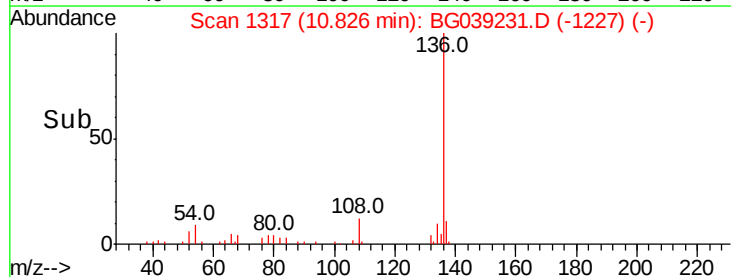
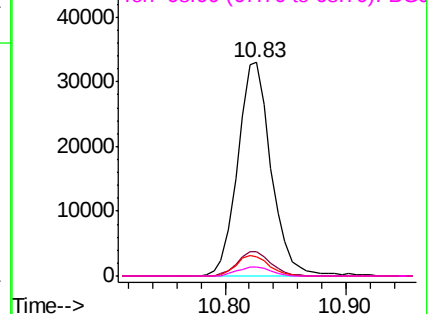
137 11.5 9.4 14.2

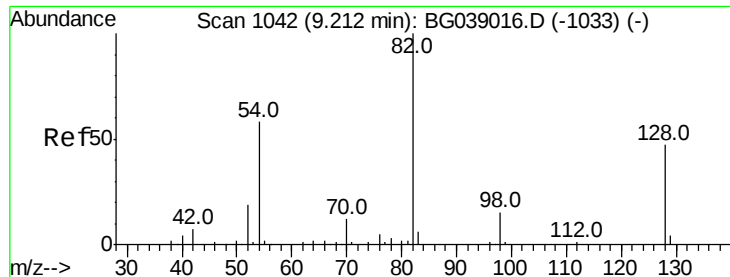
54 9.1 7.2 10.8

68 4.1 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

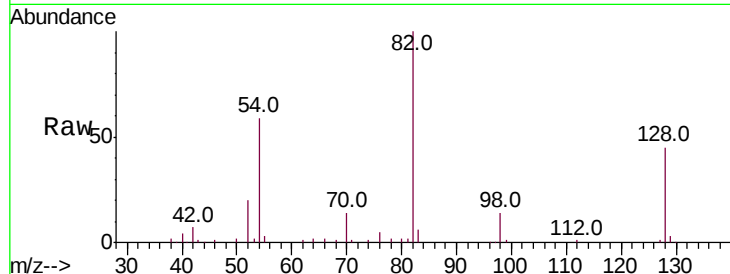




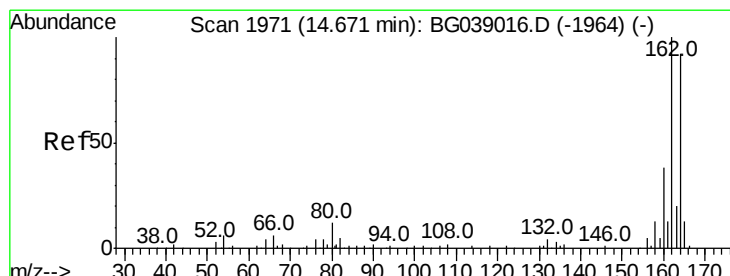
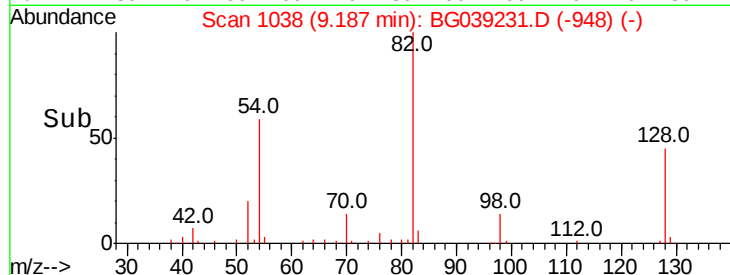
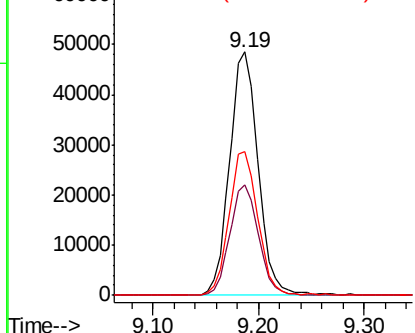
#23
Nitrobenzene-d5
Concen: 77.561 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG039231.D
Acq: 21 Jan 2019 13:23

Instrument :
BNA_G
ClientSampleId :
PB116511BL

Tot Ion: 82 Resp: 90233
Ion Ratio Lower Upper
82 100
128 45.2 37.3 55.9
54 59.2 46.4 69.6

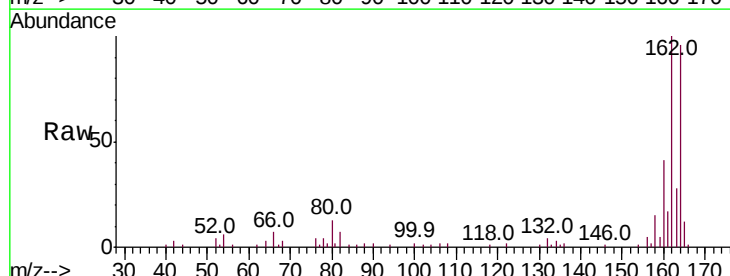


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

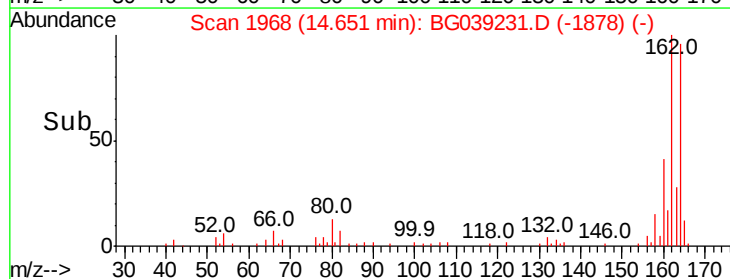
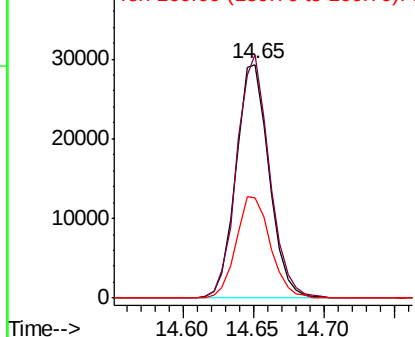


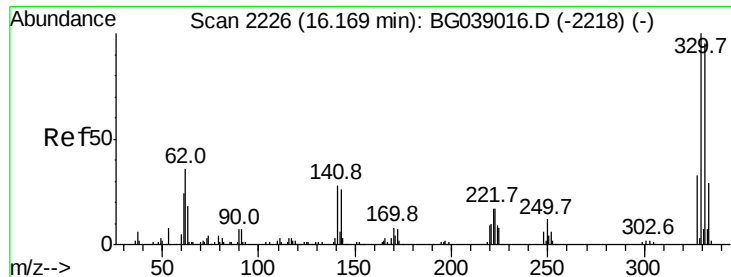
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG039231.D
Acq: 21 Jan 2019 13:23

Tgt Ion: 164 Resp: 47970
Ion Ratio Lower Upper
164 100
162 104.1 87.2 130.8
160 42.9 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: 118.633 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039231.D

Acq: 21 Jan 2019 13:23

Instrument :

BNA_G

ClientSampleId :

PB116511BL

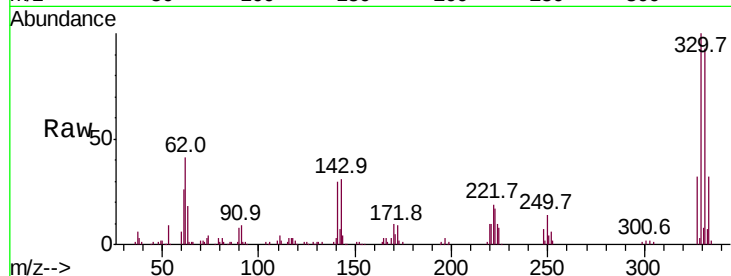
Tot Ion:330 Resp: 95394

Ion Ratio Lower Upper

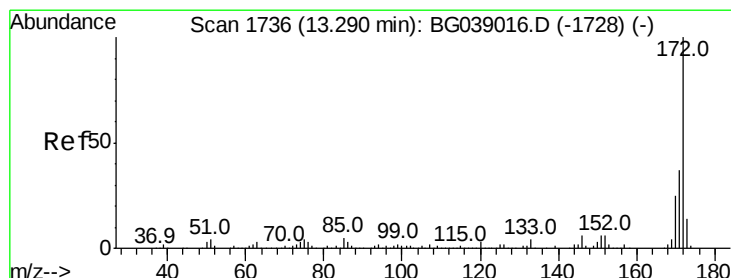
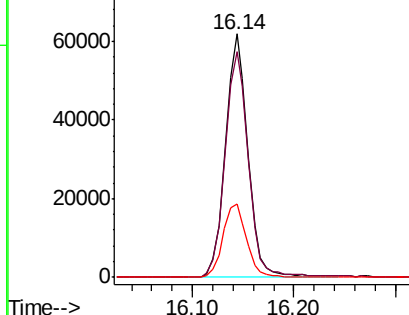
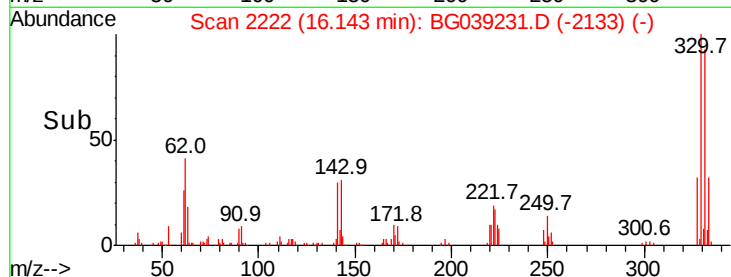
330 100

332 96.8 75.7 113.5

141 31.8 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: 78.464 ng

RT: 13.26 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BG039231.D

Acq: 21 Jan 2019 13:23

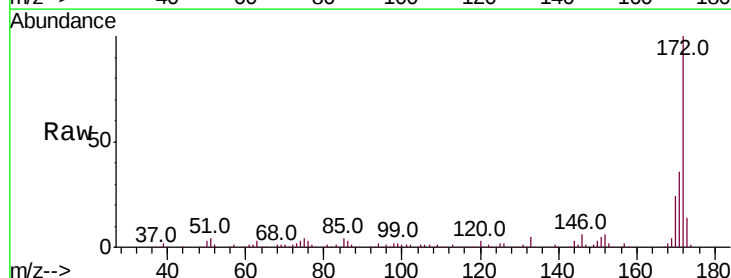
Tgt Ion:172 Resp: 275028

Ion Ratio Lower Upper

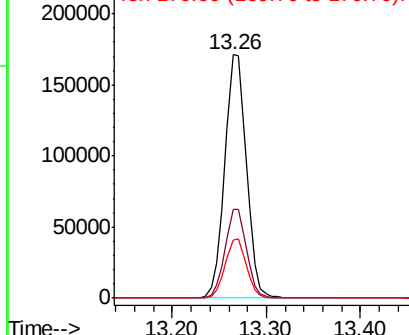
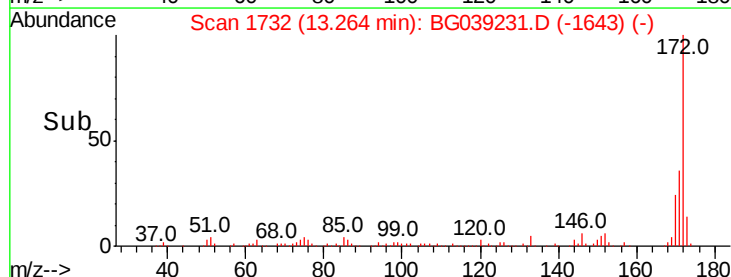
172 100

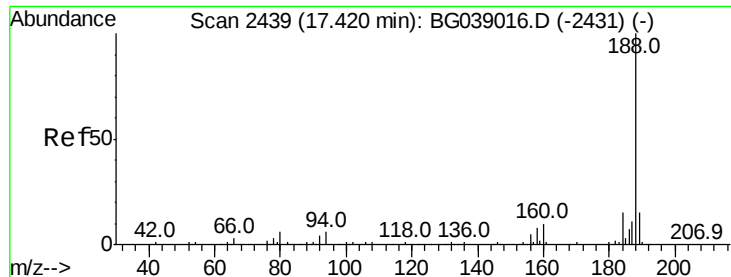
171 36.2 29.4 44.0

170 23.7 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: BG039231.D

Acq: 21 Jan 2019 13:23

Instrument :

BNA_G

ClientSampleId :

PB116511BL

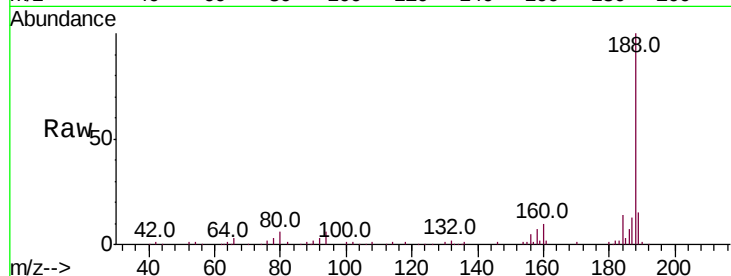
Tot Ion:188 Resp: 129338

Ion Ratio Lower Upper

188 100

94 5.6 5.0 7.4

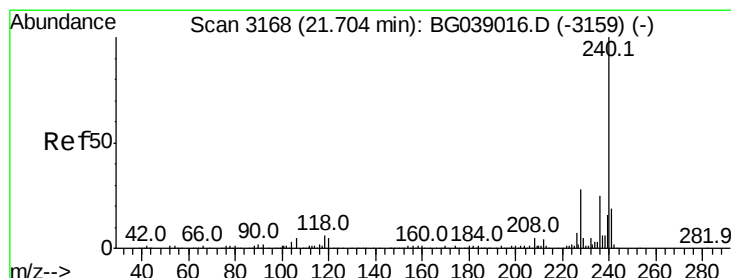
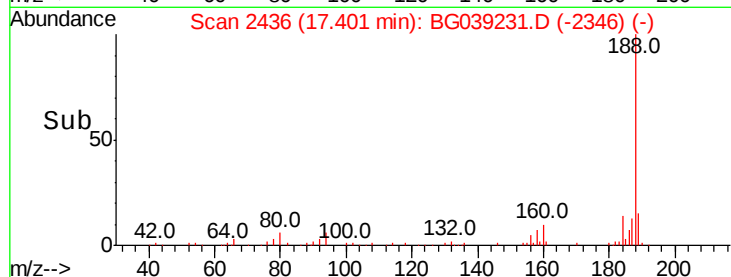
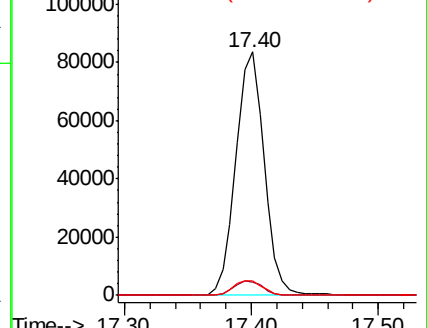
80 5.8 4.7 7.1



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: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG039231.D

Acq: 21 Jan 2019 13:23

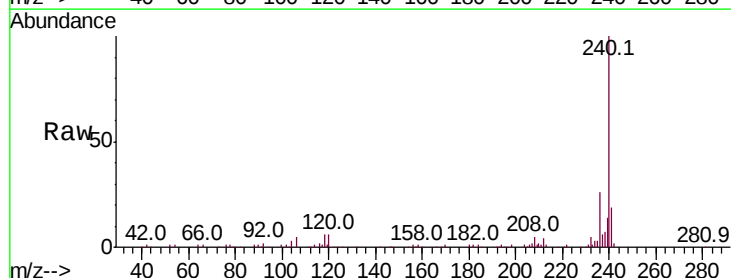
Tgt Ion:240 Resp: 135921

Ion Ratio Lower Upper

240 100

120 5.9 4.3 6.5

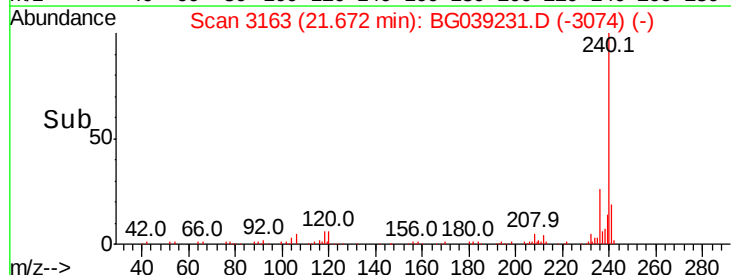
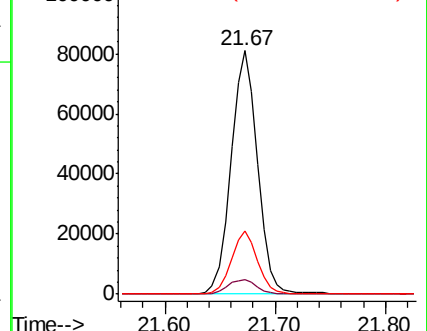
236 25.7 20.1 30.1

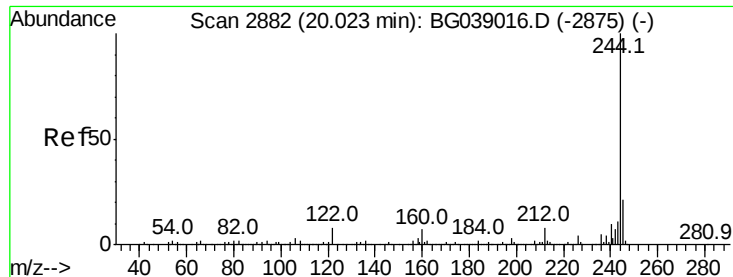


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.589 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG039231.D

Acq: 21 Jan 2019 13:23

Instrument :

BNA_G

ClientSampleId :

PB116511BL

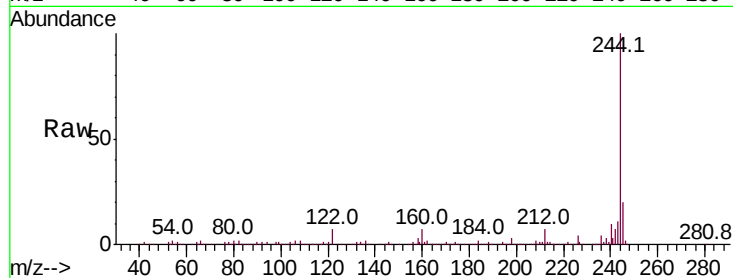
Tot Ion:244 Resp: 562737

Ion Ratio Lower Upper

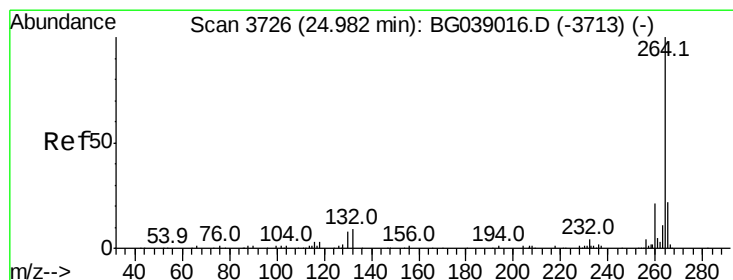
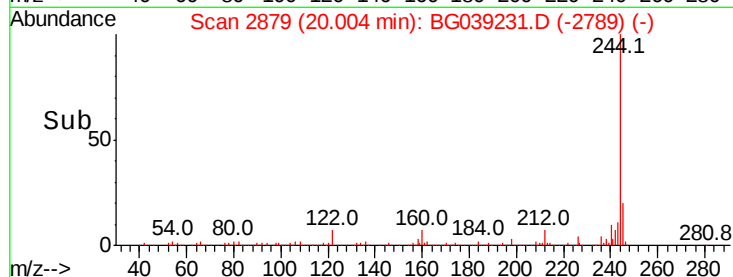
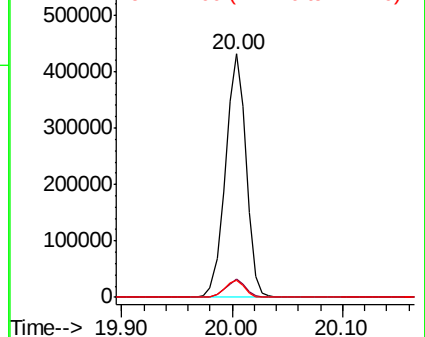
244 100

212 7.4 6.1 9.1

122 6.8 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: 24.93 min Scan# 3718

Delta R.T. -0.02 min

Lab File: BG039231.D

Acq: 21 Jan 2019 13:23

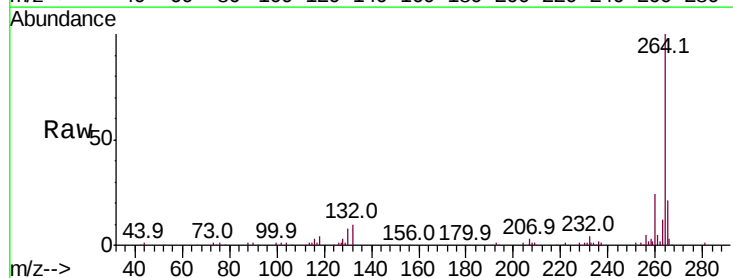
Tgt Ion:264 Resp: 141883

Ion Ratio Lower Upper

264 100

260 23.8 17.0 25.6

265 20.9 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

