

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011519\
 Data File : BG039149.D
 Acq On : 16 Jan 2019 6:19
 Operator : JU/SJ
 Sample : PB116389BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116389BL

Quant Time: Jan 16 07:09:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	1122	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	9557	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	16388	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	121007	20.00	ng	0.00
76) Chrysene-d12	21.69	240	191918	20.00	ng	-0.02
87) Perylene-d12	24.96	264	181824	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	16158	273.19	ng	0.00
7) Phenol-d6	7.19	99	33868	397.89	ng	0.00
23) Nitrobenzene-d5	9.21	82	15746	90.16	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	89904	327.27	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	78701	65.72	ng	0.00
79) Terphenyl-d14	20.02	244	917328	88.42	ng	0.00

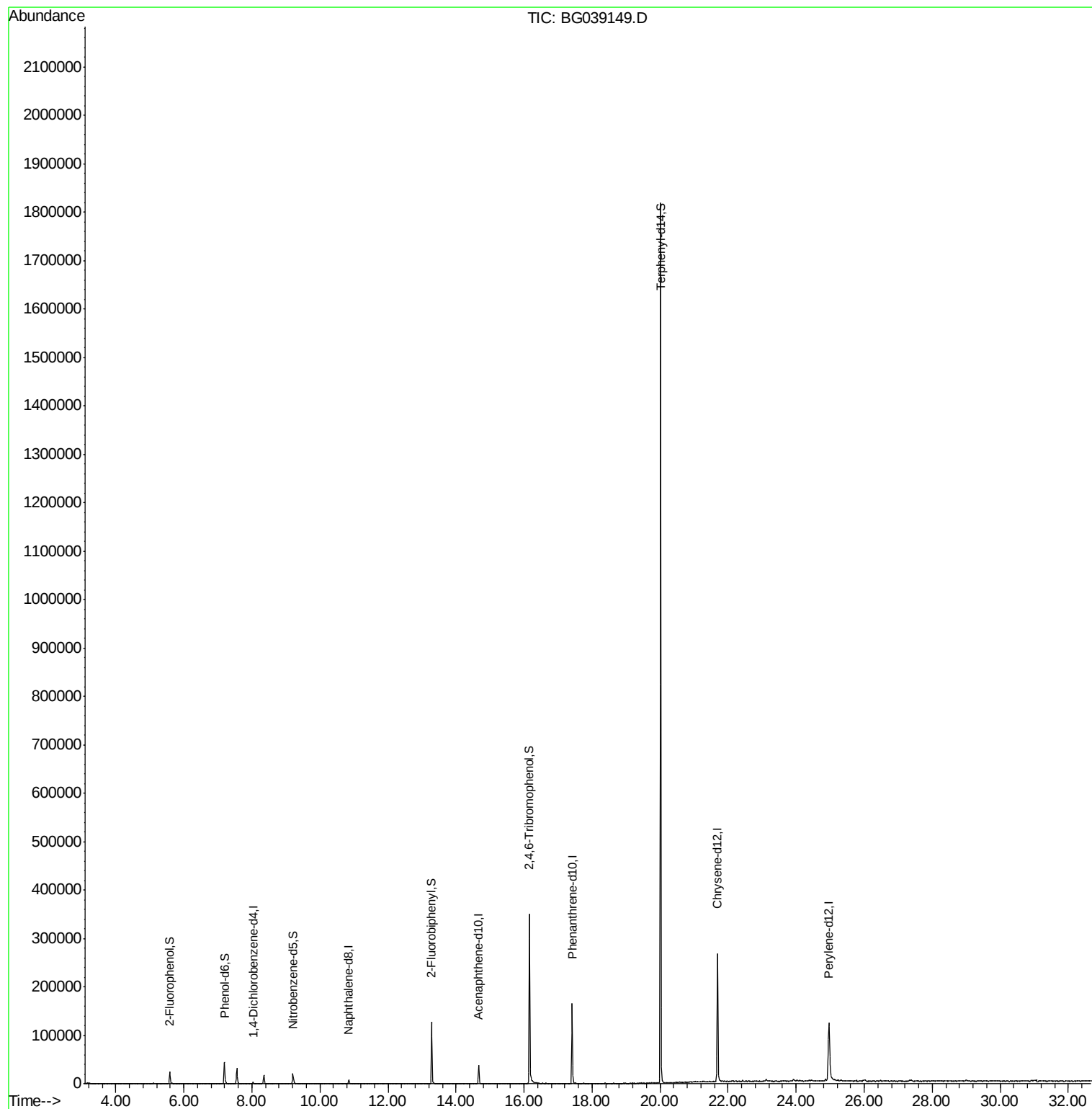
Target Compounds Qvalue

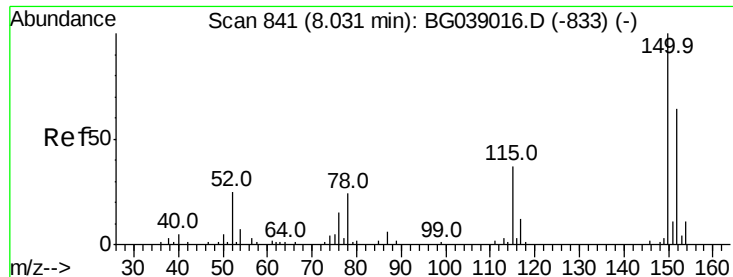
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011519\
Data File : BG039149.D
Acq On : 16 Jan 2019 6:19
Operator : JU/SJ
Sample : PB116389BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116389BL

Quant Time: Jan 16 07:09:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration



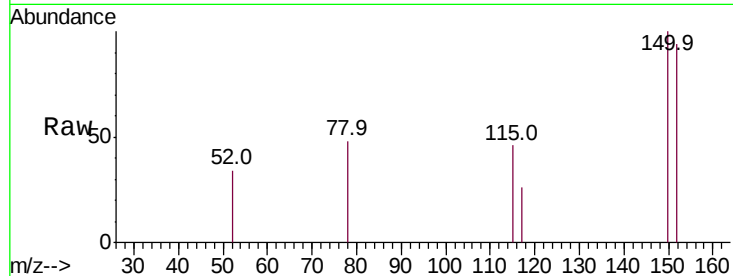


#1

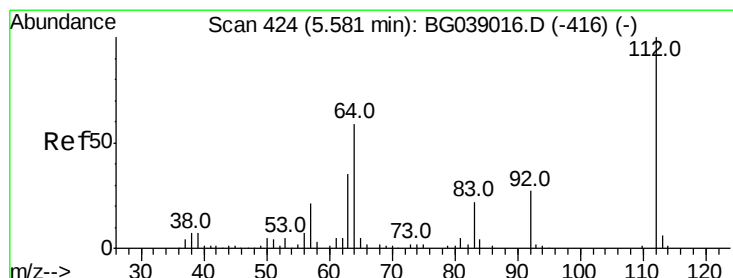
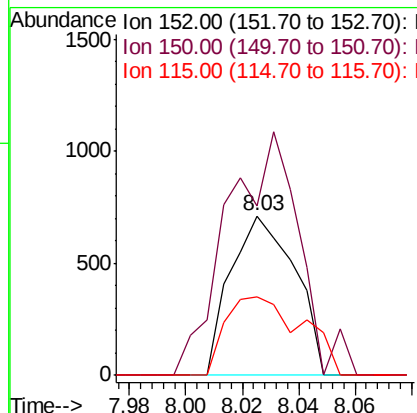
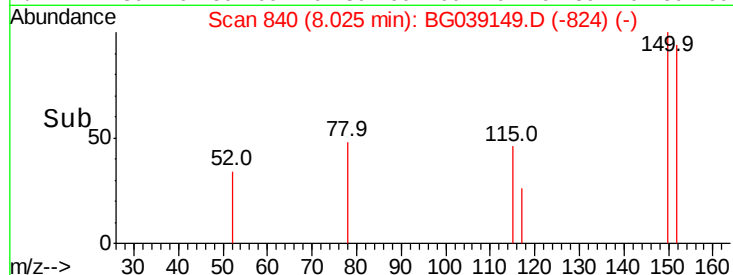
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BG039149.D
 Acq: 16 Jan 2019 6:19

Instrument :
 BNA_G
 ClientSampleId :
 PB116389BL

Tot Ion:152 Resp: 1122
 Ion Ratio Lower Upper
 152 100
 150 106.3 124.7 187.1#
 115 48.9 46.5 69.7



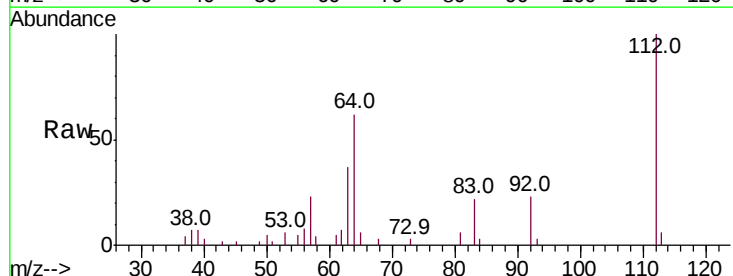
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



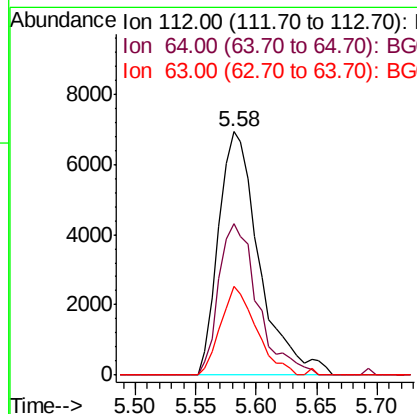
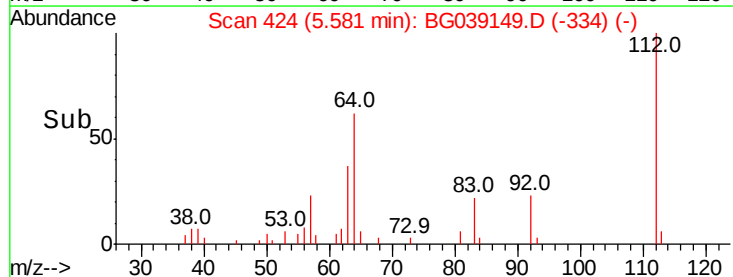
#5

2-Fluorophenol
 Concen: 273.186 ng
 RT: 5.58 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BG039149.D
 Acq: 16 Jan 2019 6:19

Tgt Ion:112 Resp: 16158
 Ion Ratio Lower Upper
 112 100
 64 62.0 47.0 70.6
 63 36.6 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: 397.887 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039149.D

Acq: 16 Jan 2019 6:19

Instrument :

BNA_G

ClientSampleId :

PB116389BL

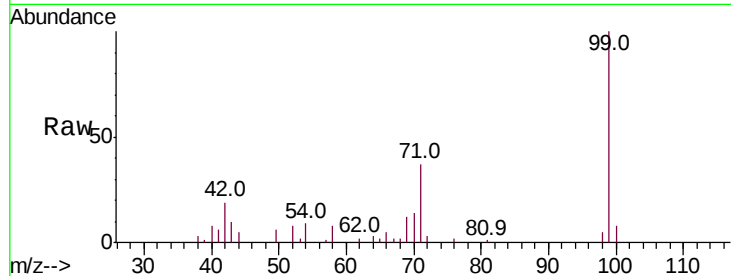
Tot Ion: 99 Resp: 33868

Ion Ratio Lower Upper

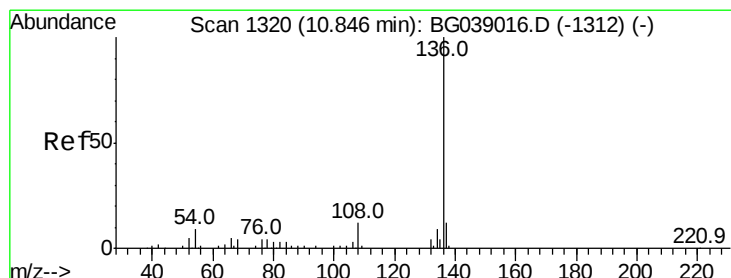
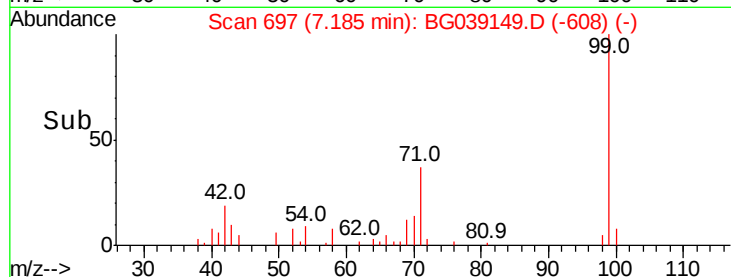
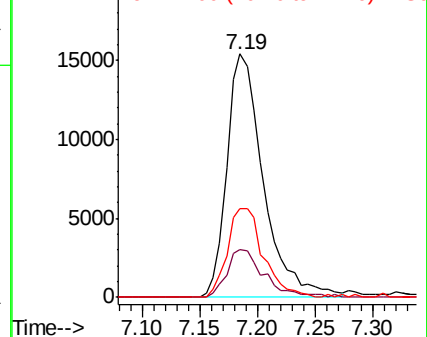
99 100

42 19.4 15.8 23.6

71 36.6 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: 10.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039149.D

Acq: 16 Jan 2019 6:19

Tgt Ion: 136 Resp: 9557

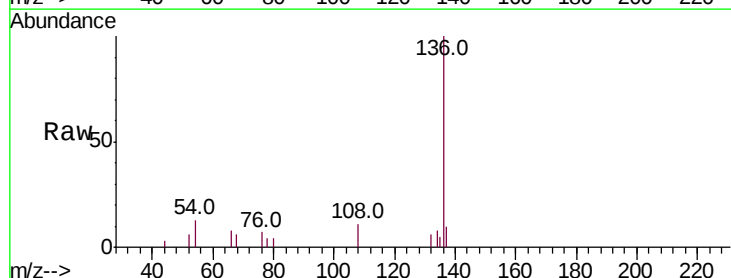
Ion Ratio Lower Upper

136 100

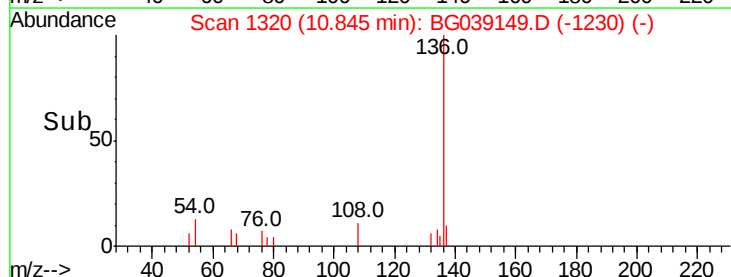
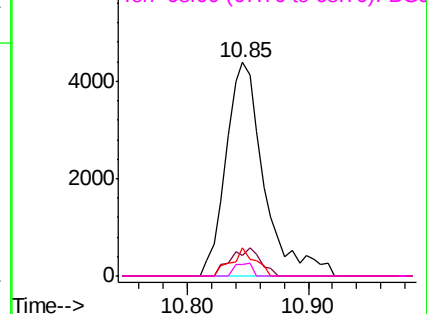
137 9.8 9.4 14.2

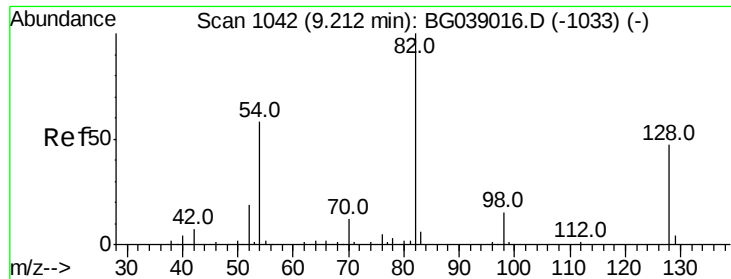
54 13.1 7.2 10.8#

68 5.6 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

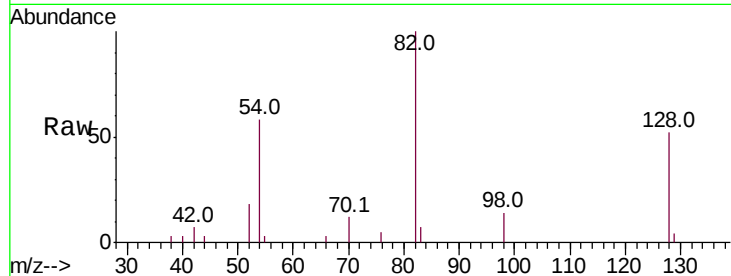




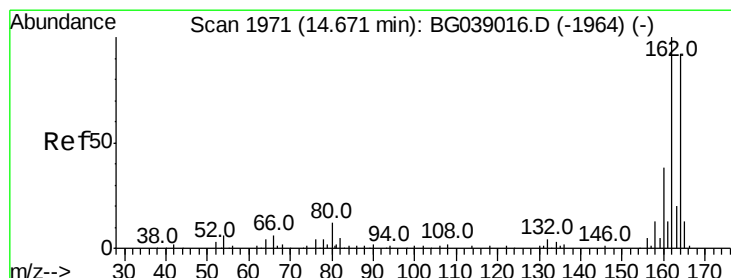
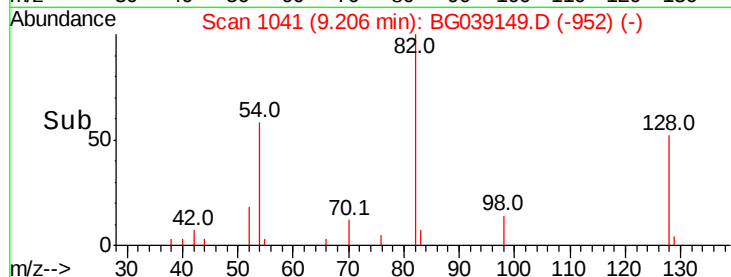
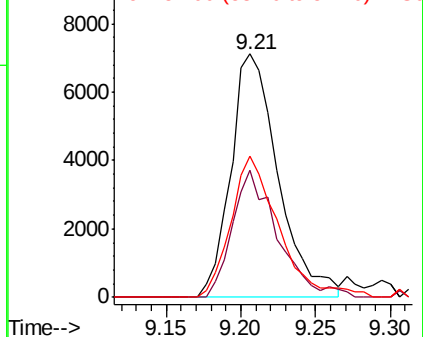
#23
Nitrobenzene-d5
Concen: 90.155 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039149.D
Acq: 16 Jan 2019 6:19

Instrument :
BNA_G
ClientSampleId :
PB116389BL

Tot Ion: 82 Resp: 15746
Ion Ratio Lower Upper
82 100
128 52.1 37.3 55.9
54 58.0 46.4 69.6

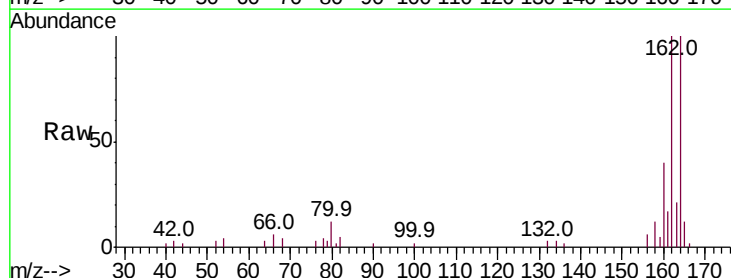


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

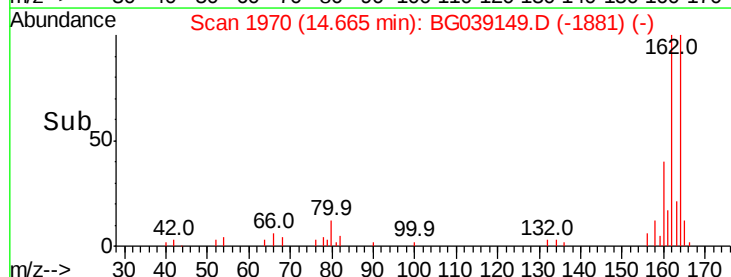
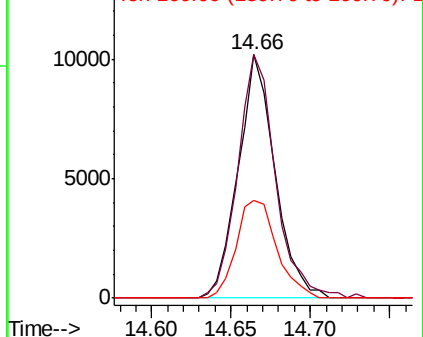


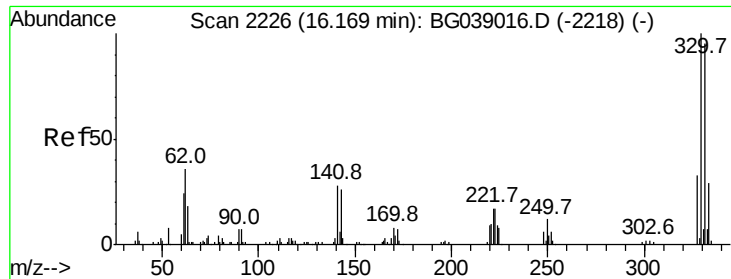
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG039149.D
Acq: 16 Jan 2019 6:19

Tgt Ion: 164 Resp: 16388
Ion Ratio Lower Upper
164 100
162 100.0 87.2 130.8
160 40.0 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: 327.271 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG039149.D

Acq: 16 Jan 2019 6:19

Instrument :

BNA_G

ClientSampleId :

PB116389BL

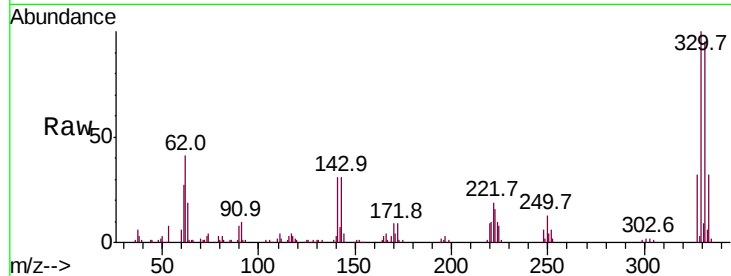
Tot Ion:330 Resp: 89904

Ion Ratio Lower Upper

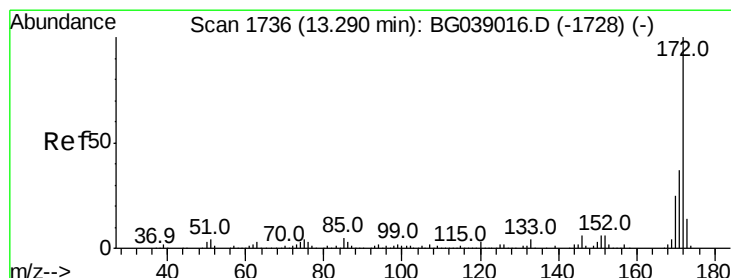
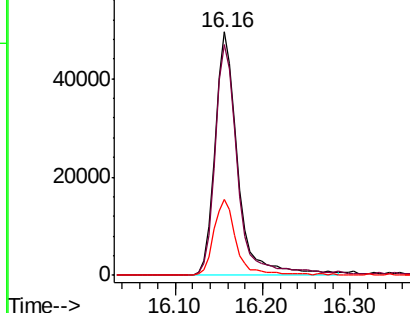
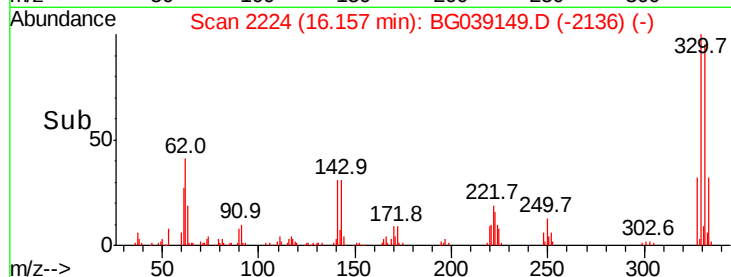
330 100

332 94.5 75.7 113.5

141 30.1 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: 65.723 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG039149.D

Acq: 16 Jan 2019 6:19

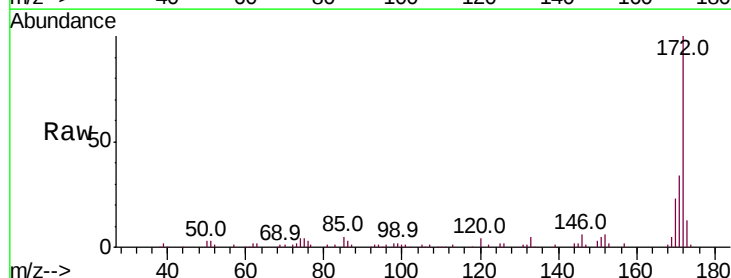
Tgt Ion:172 Resp: 78701

Ion Ratio Lower Upper

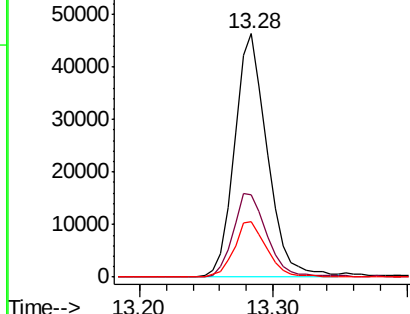
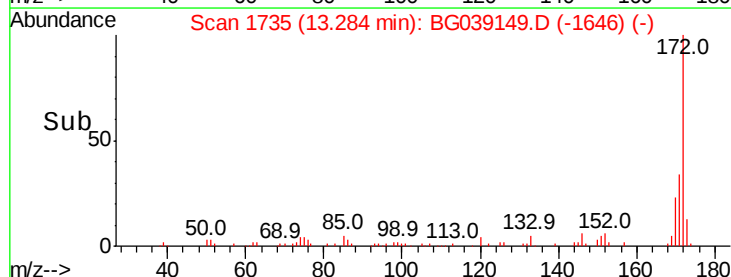
172 100

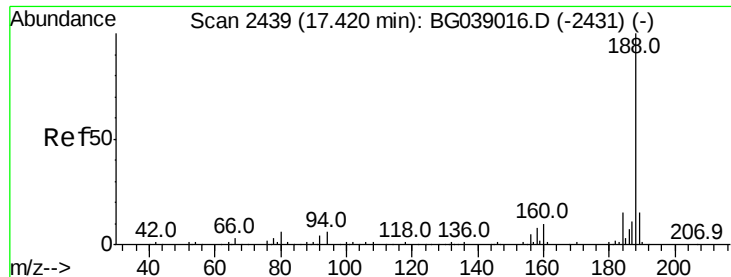
171 33.9 29.4 44.0

170 22.9 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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG039149.D

Acq: 16 Jan 2019 6:19

Instrument :

BNA_G

ClientSampleId :

PB116389BL

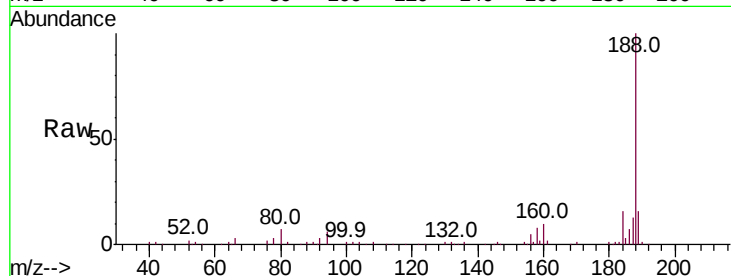
Tot Ion:188 Resp: 121007

Ion Ratio Lower Upper

188 100

94 6.1 5.0 7.4

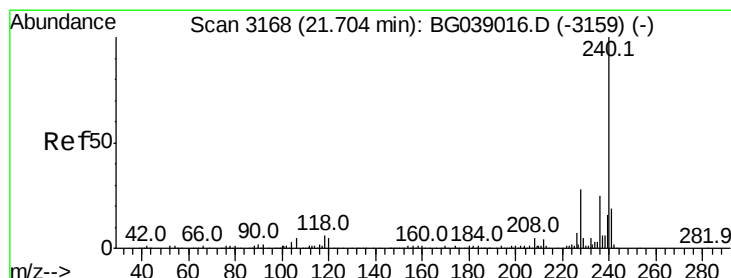
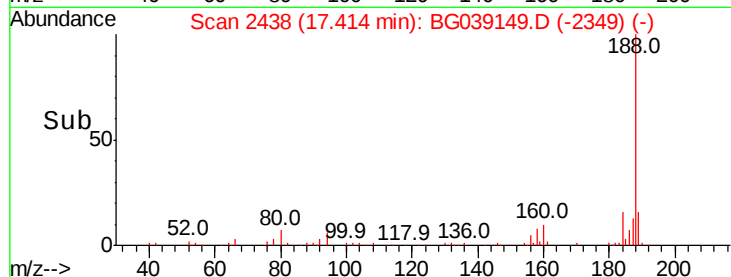
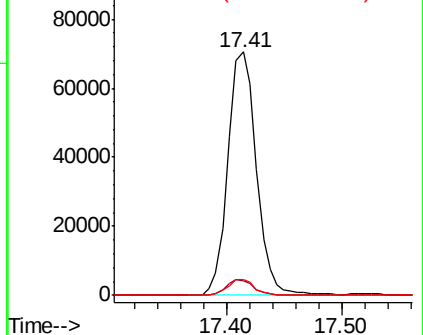
80 6.7 4.7 7.1



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: 21.69 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG039149.D

Acq: 16 Jan 2019 6:19

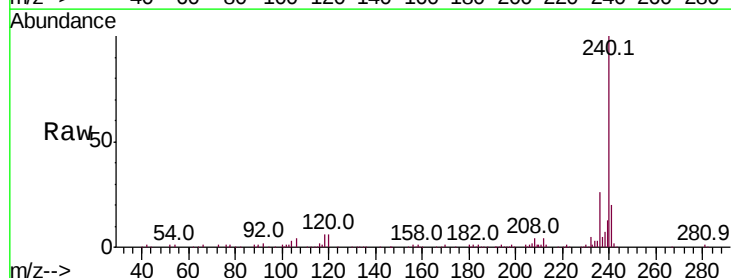
Tgt Ion:240 Resp: 191918

Ion Ratio Lower Upper

240 100

120 6.2 4.3 6.5

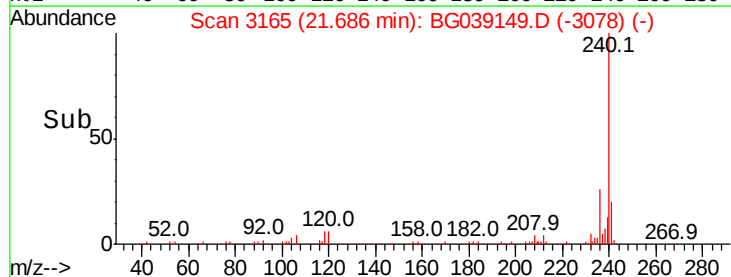
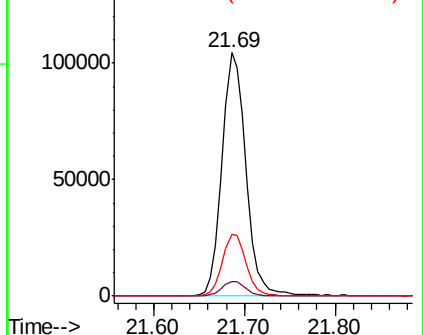
236 25.6 20.1 30.1

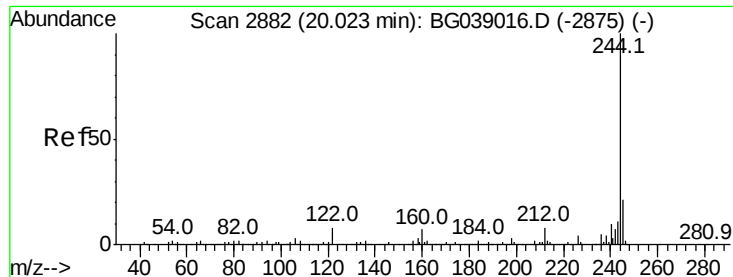


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

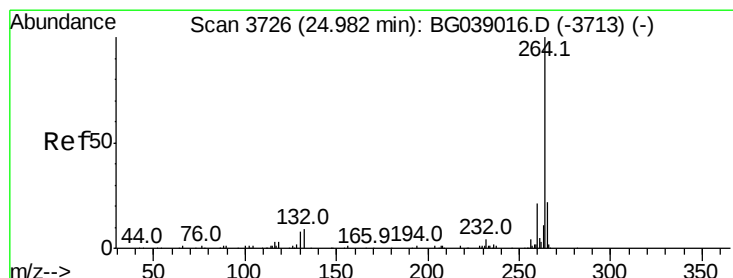
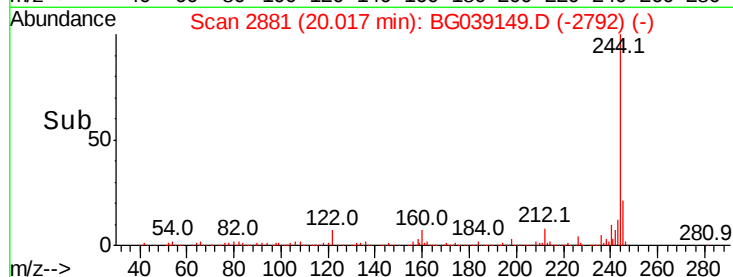
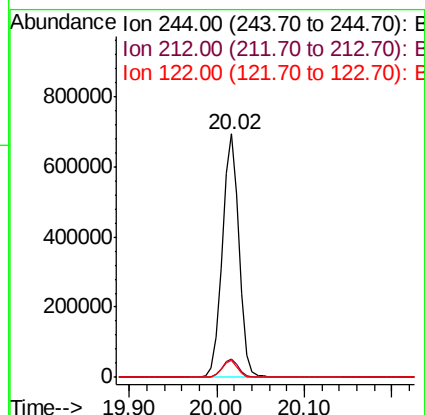
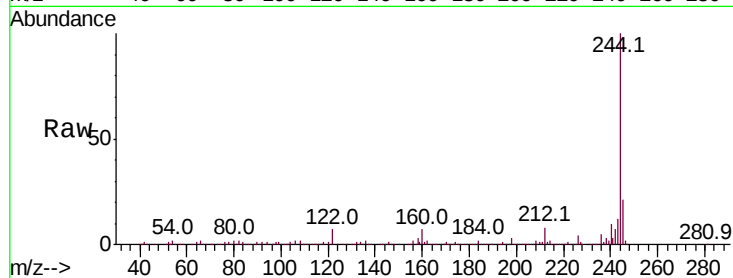




#79
 Terphenyl-d14
 Concen: 88.421 ng
 RT: 20.02 min Scan# 2881
 Delta R.T. -0.01 min
 Lab File: BG039149.D
 Acq: 16 Jan 2019 6:19

Instrument :
 BNA_G
 ClientSampleId :
 PB116389BL

Tot Ion:244 Resp: 917328
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 6.8 6.1 9.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.96 min Scan# 3723
 Delta R.T. -0.02 min
 Lab File: BG039149.D
 Acq: 16 Jan 2019 6:19

Tgt Ion:264 Resp: 181824
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.0 25.6
 265 21.8 17.2 25.8

