

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011419\
 Data File : BG039129.D
 Acq On : 14 Jan 2019 20:27
 Operator : JU/SJ
 Sample : K1136-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB 2019.01.11

Quant Time: Jan 14 23:16:04 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	8.02	152	23857	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	94309	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	65532	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	176310	20.00	ng	0.00
76) Chrysene-d12	21.69	240	187712	20.00	ng	-0.01
87) Perylene-d12	24.97	264	199507	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	64407	51.21	ng	0.00
7) Phenol-d6	7.18	99	53729	29.69	ng	0.00
23) Nitrobenzene-d5	9.20	82	135298	78.50	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	148720	135.38	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	410641	85.76	ng	0.00
79) Terphenyl-d14	20.02	244	872011	85.94	ng	0.00

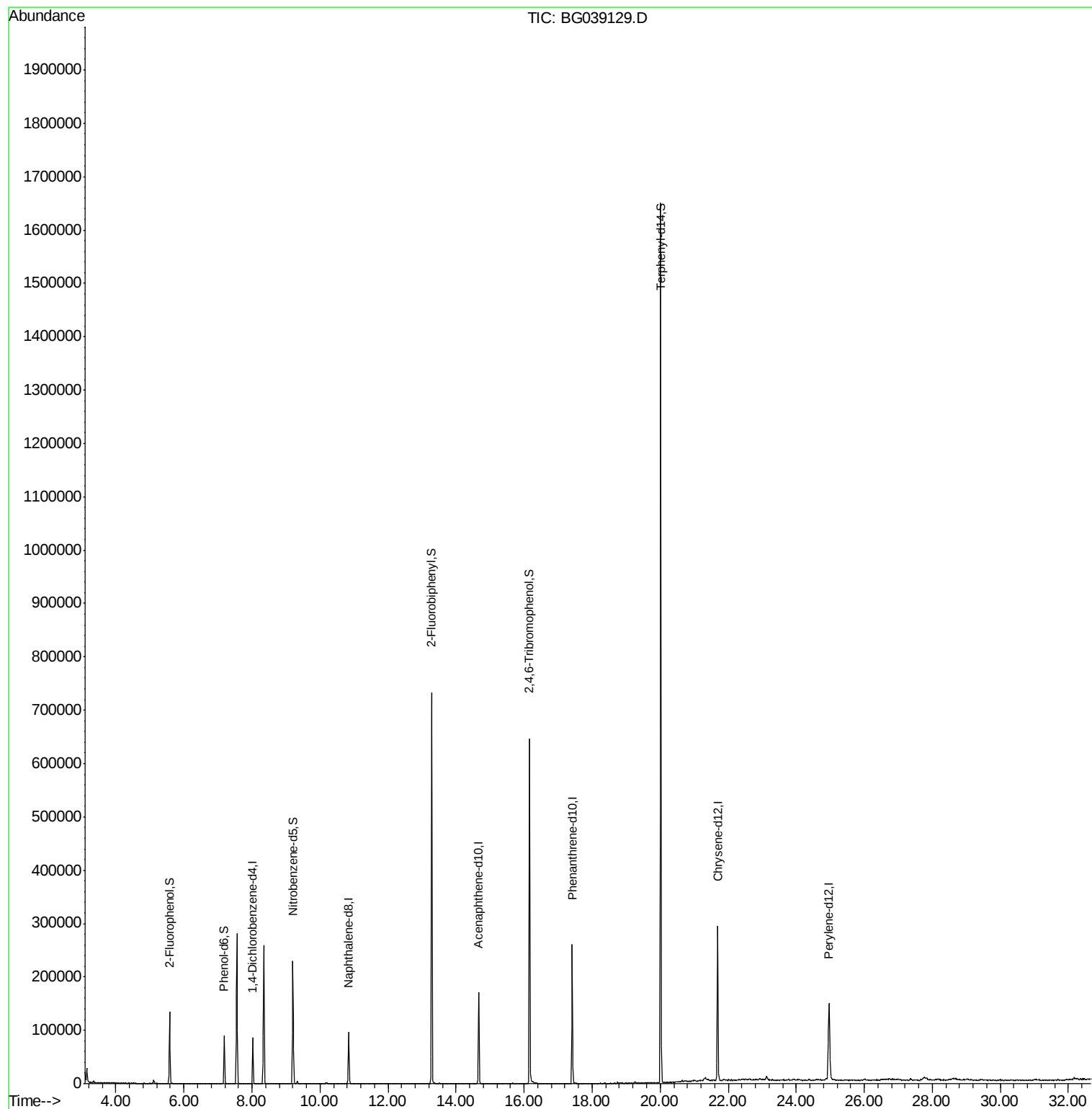
Target Compounds Qvalue

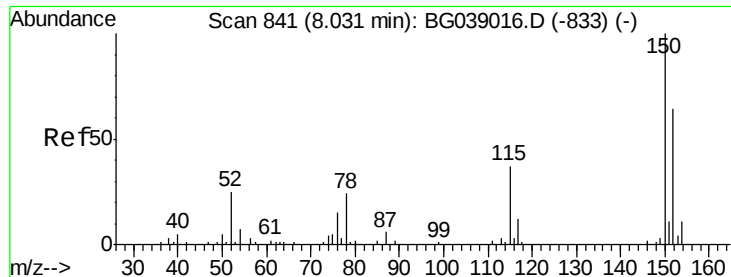
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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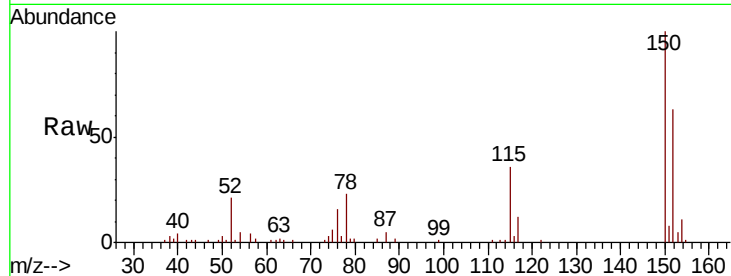


#1

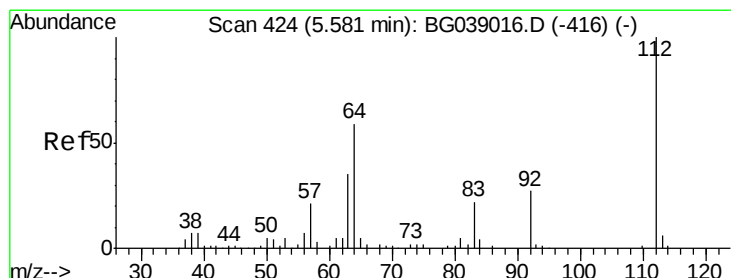
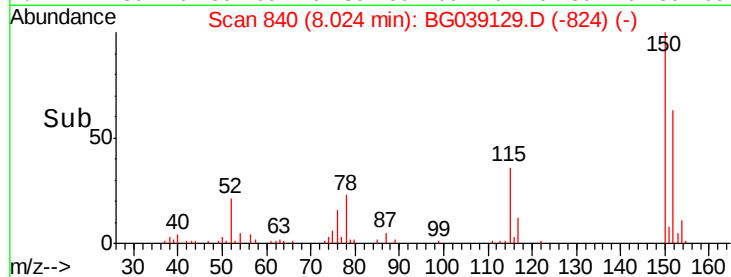
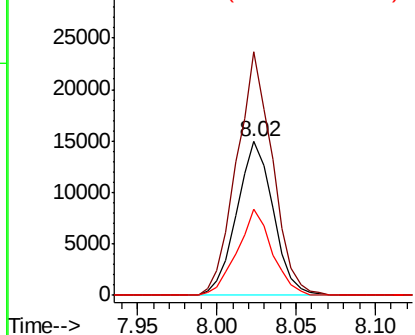
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BG039129.D
 Acq: 14 Jan 2019 20:27

Instrument :
 BNA_G
 ClientSampleId :
 EB 2019.01.11

Tot Ion:152 Resp: 23857
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.7 187.1
 115 56.4 46.5 69.7



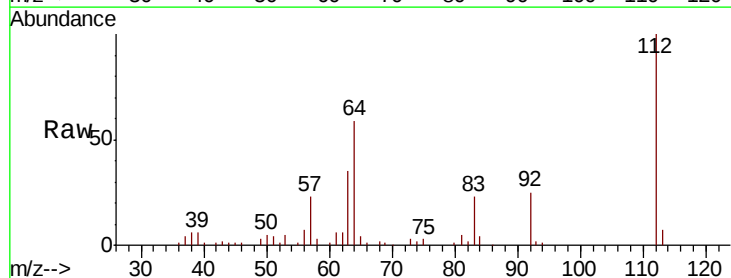
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



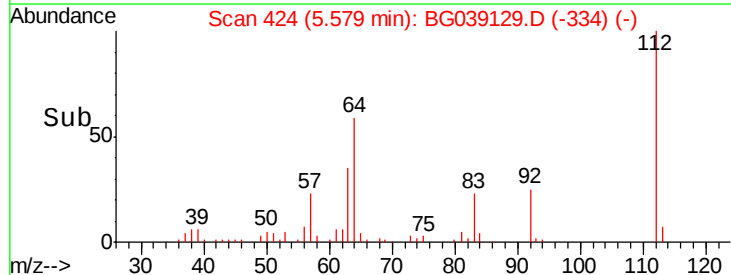
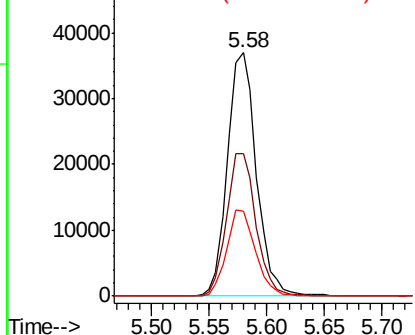
#5

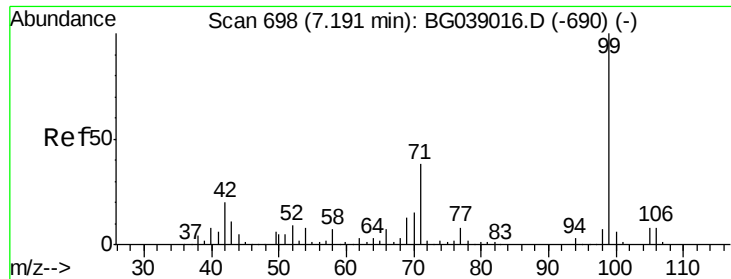
2-Fluorophenol
 Concen: 51.213 ng
 RT: 5.58 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BG039129.D
 Acq: 14 Jan 2019 20:27

Tgt Ion:112 Resp: 64407
 Ion Ratio Lower Upper
 112 100
 64 58.6 47.0 70.6
 63 34.9 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: 29.686 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039129.D

Acq: 14 Jan 2019 20:27

Instrument :

BNA_G

ClientSampleId :

EB 2019.01.11

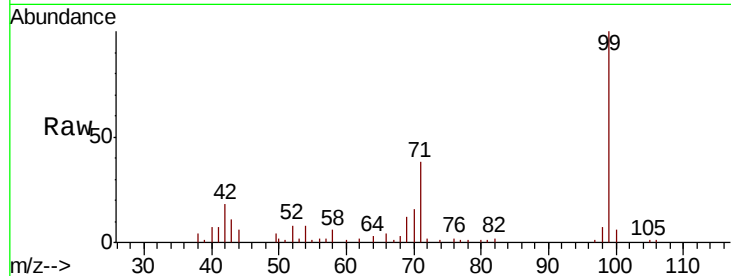
Tot Ion: 99 Resp: 53729

Ion Ratio Lower Upper

99 100

42 17.6 15.8 23.6

71 37.8 30.2 45.4

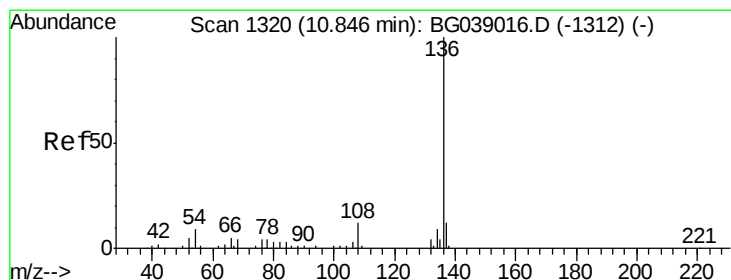
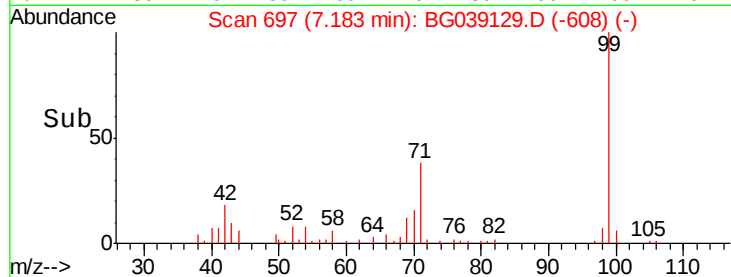
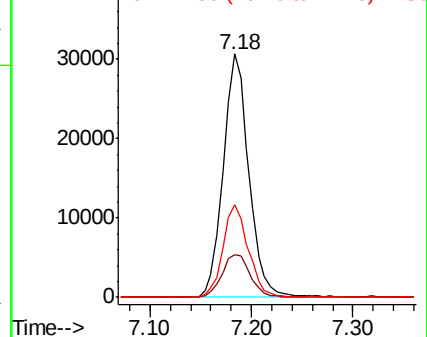


Abundance

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: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039129.D

Acq: 14 Jan 2019 20:27

Tgt Ion: 136 Resp: 94309

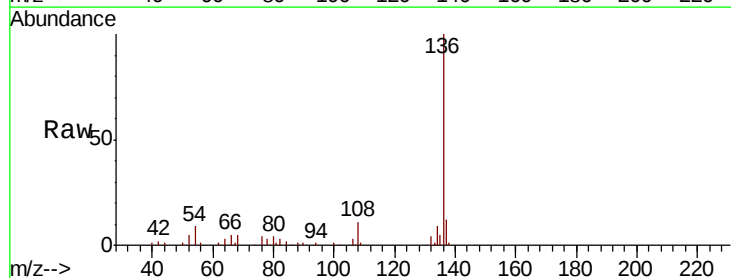
Ion Ratio Lower Upper

136 100

137 12.4 9.4 14.2

54 8.7 7.2 10.8

68 4.6 3.5 5.3



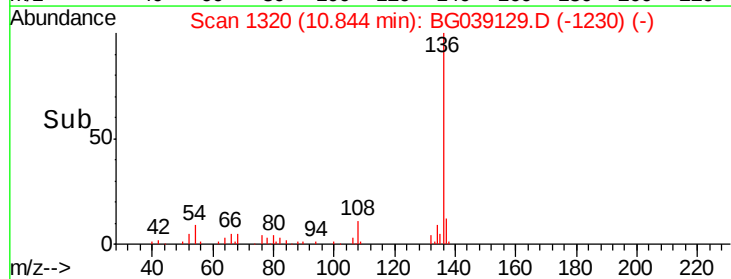
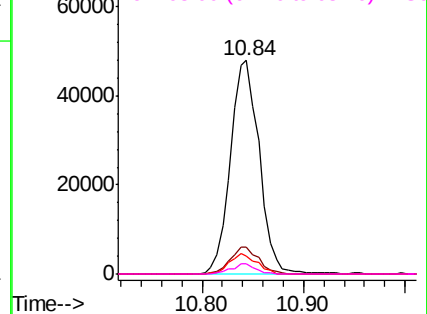
Abundance

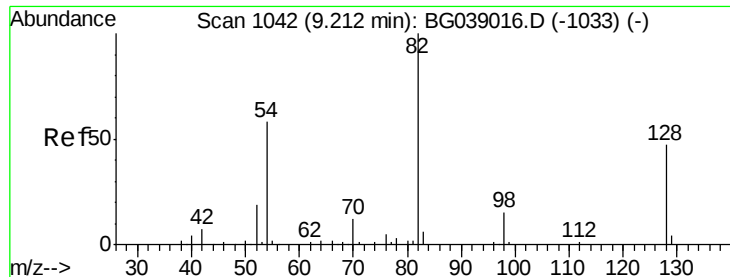
Ion 136.00 (135.70 to 136.70): BGC

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

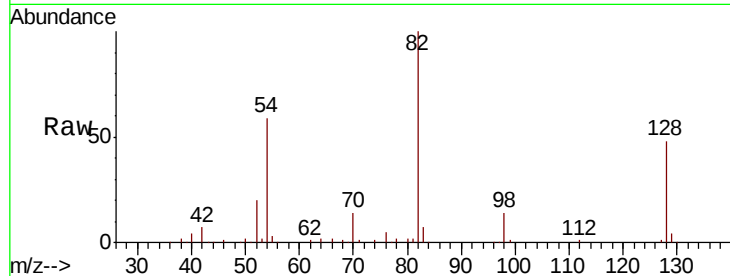




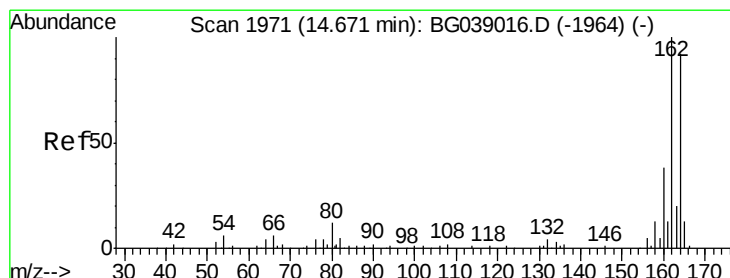
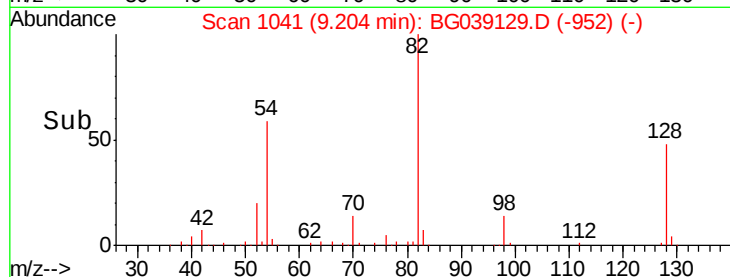
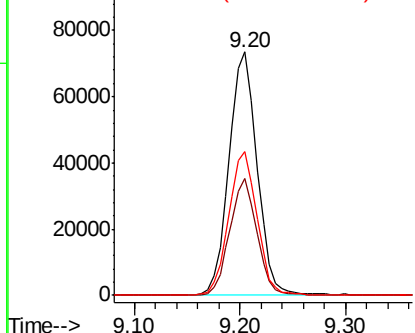
#23
Nitrobenzene-d5
Concen: 78.502 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039129.D
Acq: 14 Jan 2019 20:27

Instrument :
BNA_G
ClientSampleId :
EB 2019.01.11

Tot Ion: 82 Resp: 135298
Ion Ratio Lower Upper
82 100
128 47.9 37.3 55.9
54 59.2 46.4 69.6

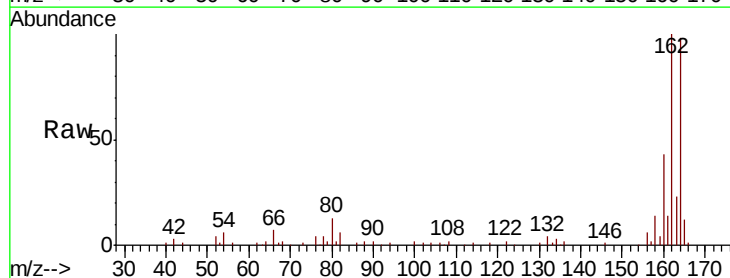


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

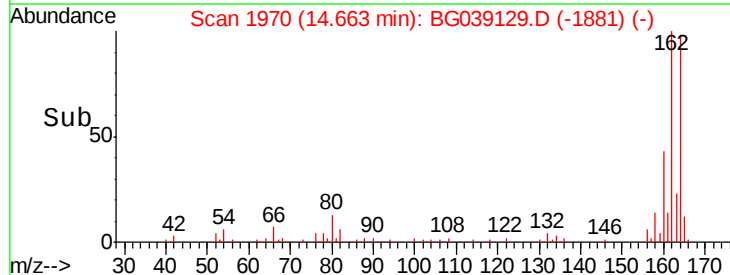
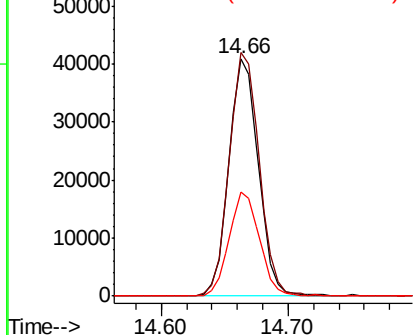


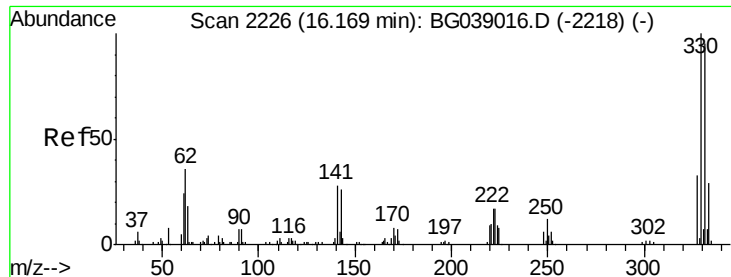
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG039129.D
Acq: 14 Jan 2019 20:27

Tgt Ion:164 Resp: 65532
Ion Ratio Lower Upper
164 100
162 102.4 87.2 130.8
160 44.0 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: 135.385 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039129.D

Acq: 14 Jan 2019 20:27

Instrument :

BNA_G

ClientSampleId :

EB 2019.01.11

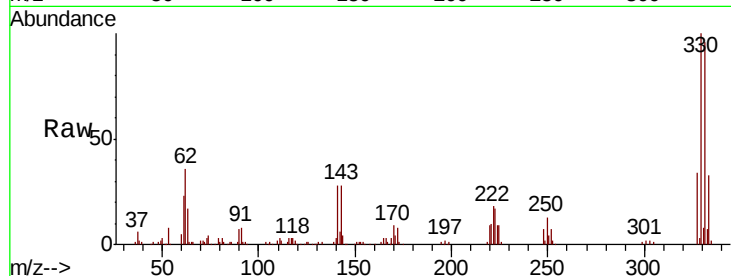
Tot Ion:330 Resp: 148720

Ion Ratio Lower Upper

330 100

332 95.6 75.7 113.5

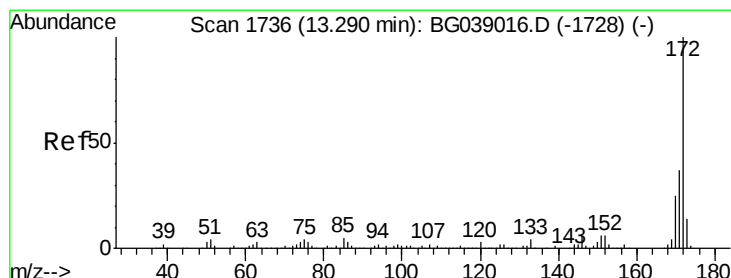
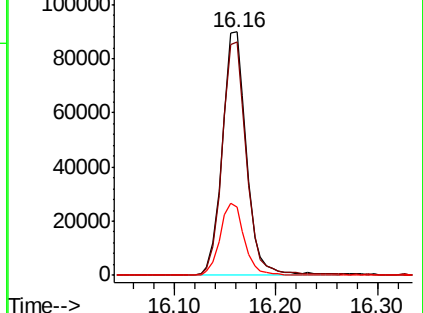
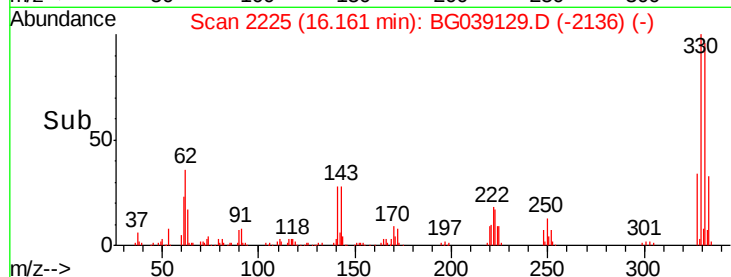
141 30.1 24.9 37.3



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: 85.758 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG039129.D

Acq: 14 Jan 2019 20:27

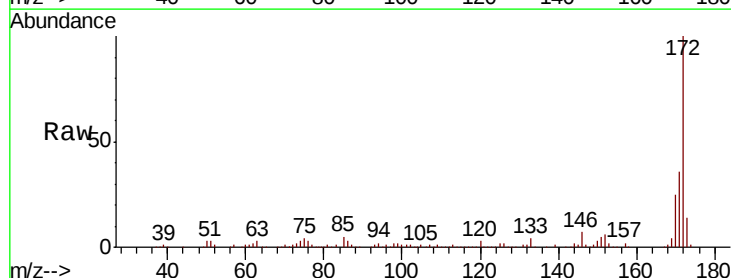
Tgt Ion:172 Resp: 410641

Ion Ratio Lower Upper

172 100

171 36.4 29.4 44.0

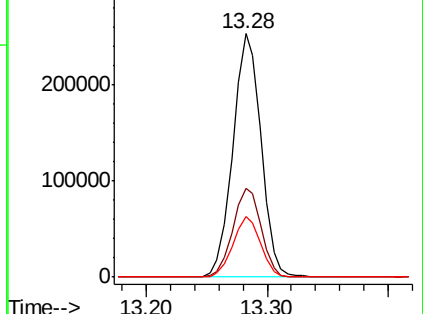
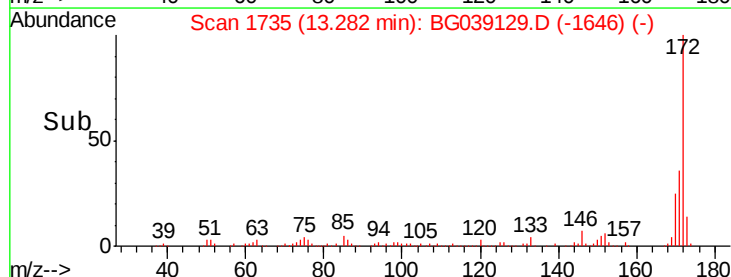
170 25.0 20.1 30.1

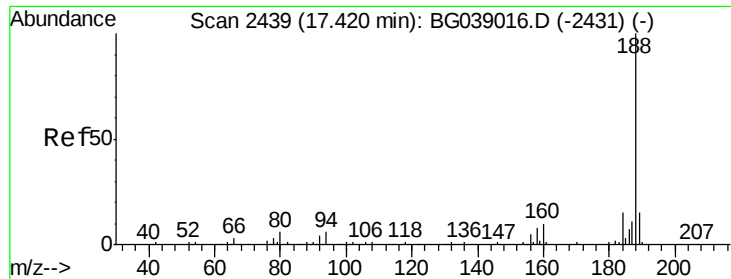


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG039129.D

Acq: 14 Jan 2019 20:27

Instrument :

BNA_G

ClientSampleId :

EB 2019.01.11

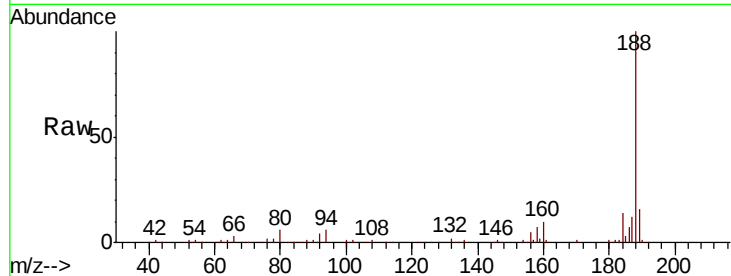
Tot Ion:188 Resp: 176310

Ion Ratio Lower Upper

188 100

94 6.1 5.0 7.4

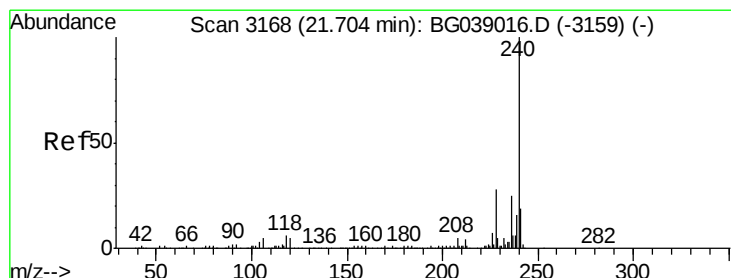
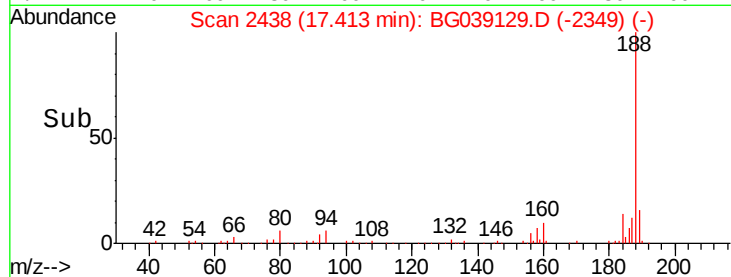
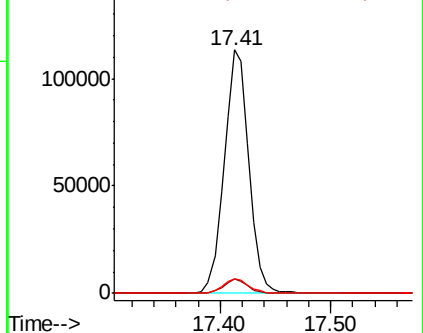
80 6.0 4.7 7.1



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG039129.D

Acq: 14 Jan 2019 20:27

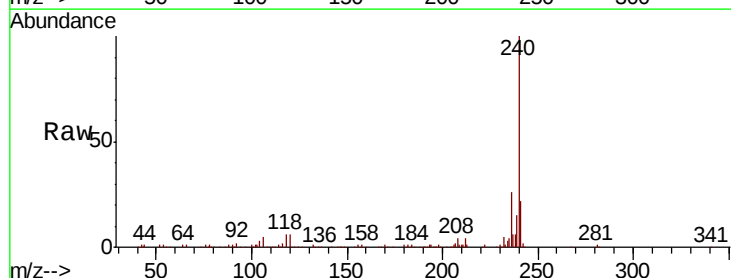
Tgt Ion:240 Resp: 187712

Ion Ratio Lower Upper

240 100

120 6.4 4.3 6.5

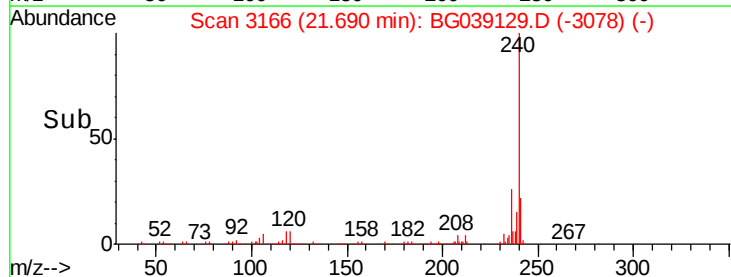
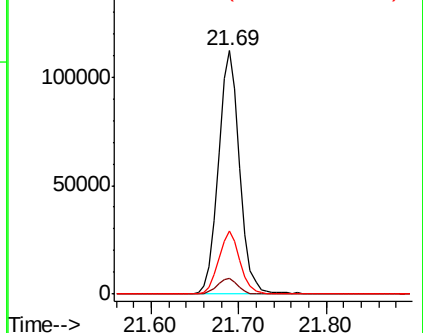
236 25.8 20.1 30.1

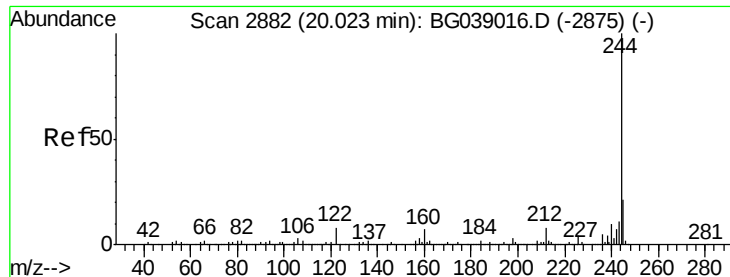


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.936 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039129.D

Acq: 14 Jan 2019 20:27

Instrument :

BNA_G

ClientSampleId :

EB 2019.01.11

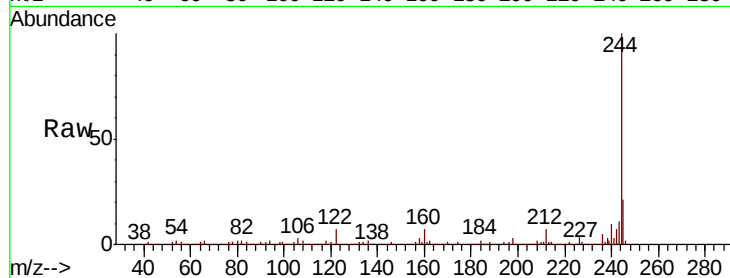
Tot Ion:244 Resp: 872011

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

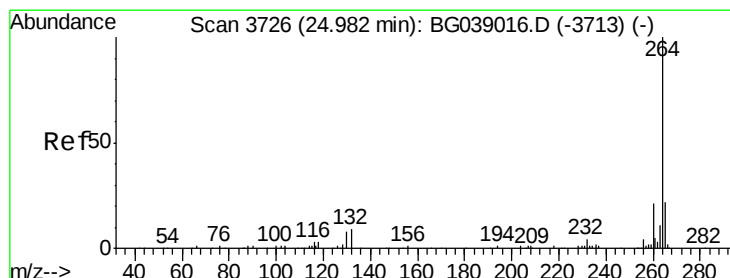
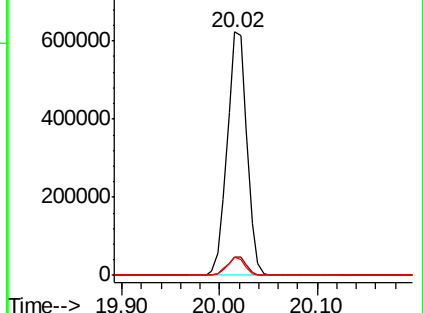
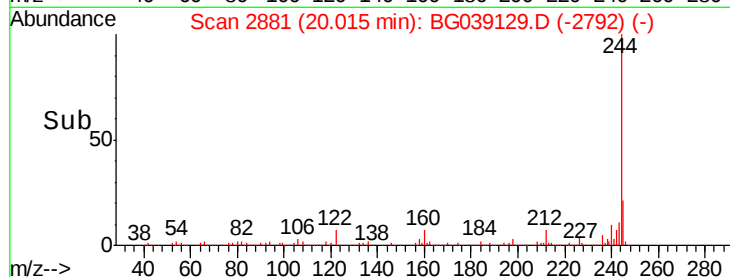
122 7.4 6.1 9.1



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: 24.97 min Scan# 3724

Delta R.T. -0.01 min

Lab File: BG039129.D

Acq: 14 Jan 2019 20:27

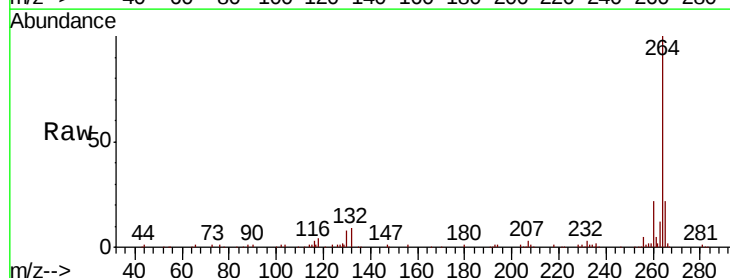
Tgt Ion:264 Resp: 199507

Ion Ratio Lower Upper

264 100

260 21.8 17.0 25.6

265 21.8 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

