

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
 Data File : BG039306.D
 Acq On : 26 Jan 2019 11:03
 Operator : JU/SJ
 Sample : PB116618BL
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116618BL

Quant Time: Jan 28 04:16:30 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	8.00	152	12630	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	68202	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	34118	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	99956	20.00	ng	0.00
76) Chrysene-d12	21.66	240	127444	20.00	ng	-0.02
87) Perylene-d12	24.92	264	131616	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	65284	98.05	ng	0.00
7) Phenol-d6	7.17	99	84862	88.57	ng	0.00
23) Nitrobenzene-d5	9.18	82	80858	64.87	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	45846	80.16	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	220336	88.38	ng	0.00
79) Terphenyl-d14	20.00	244	482636	70.06	ng	0.00

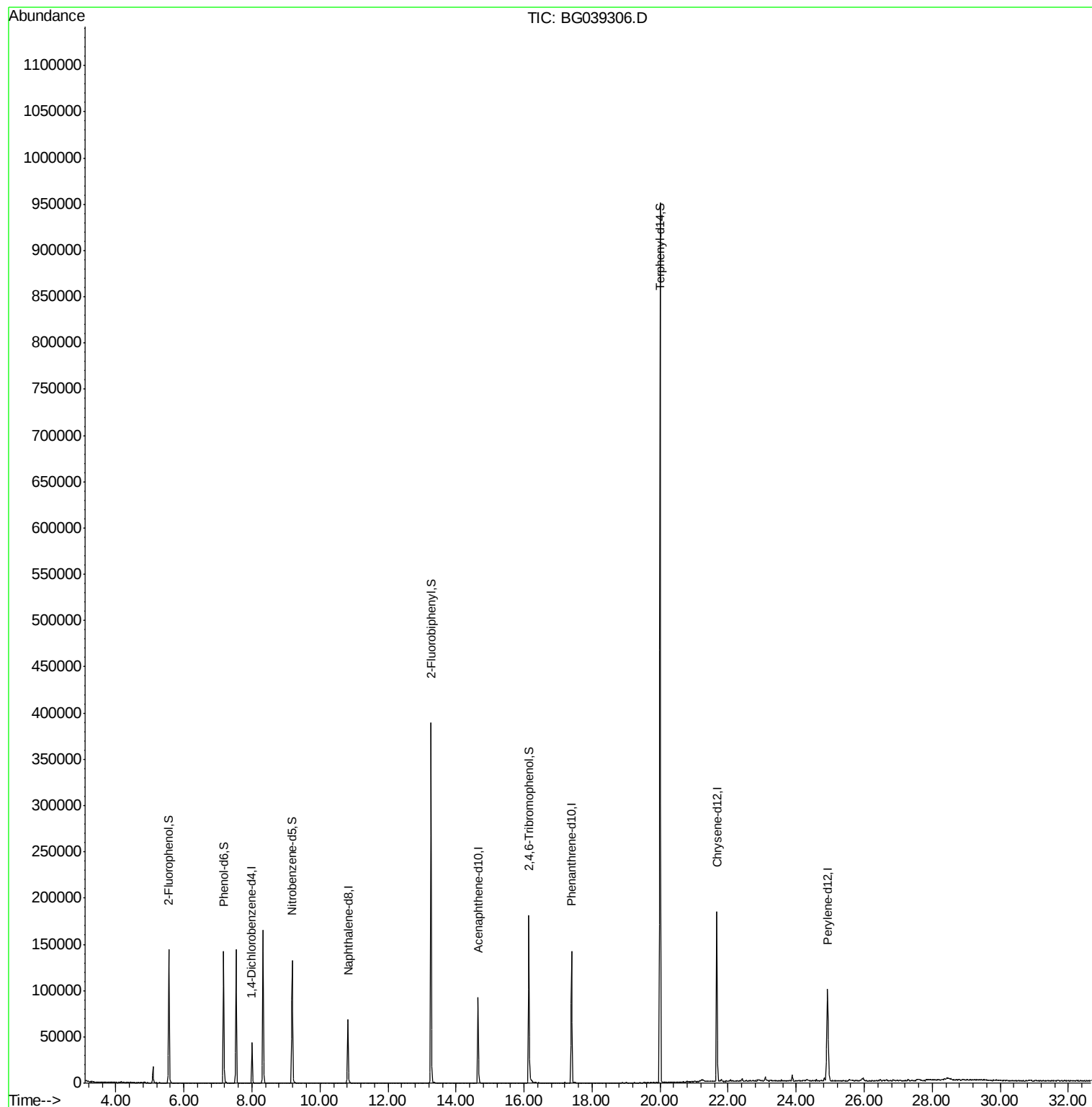
Target Compounds Qvalue

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

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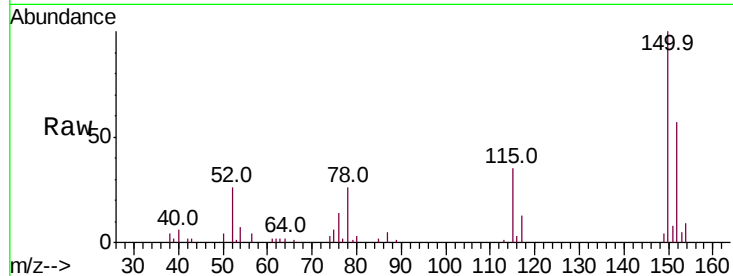


#1

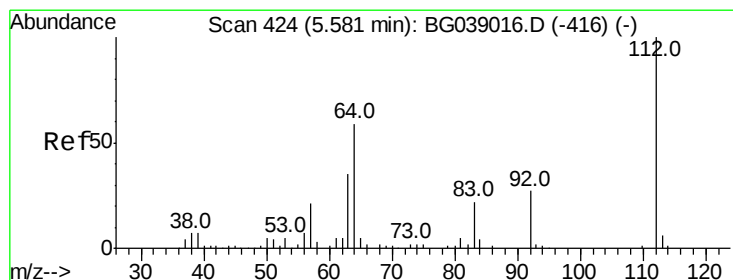
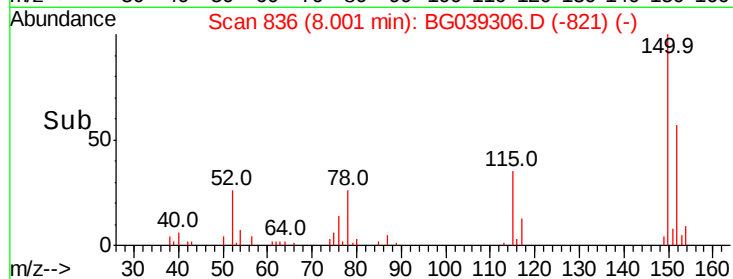
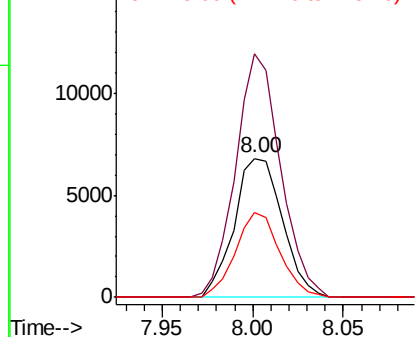
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG039306.D
Acq: 26 Jan 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB116618BL

Tot Ion:152 Resp: 12630
Ion Ratio Lower Upper
152 100
150 175.1 124.7 187.1
115 60.9 46.5 69.7



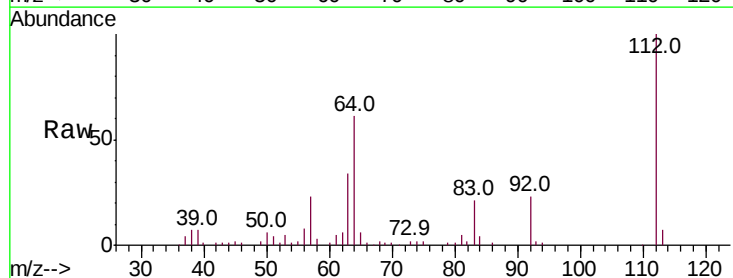
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



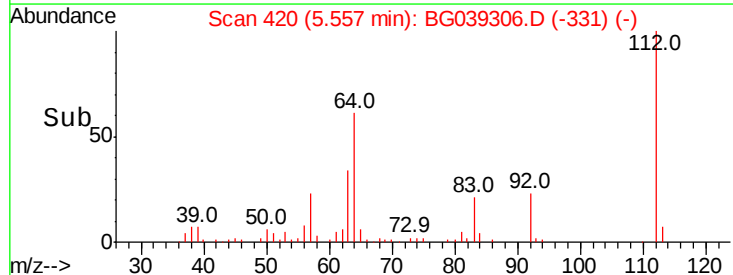
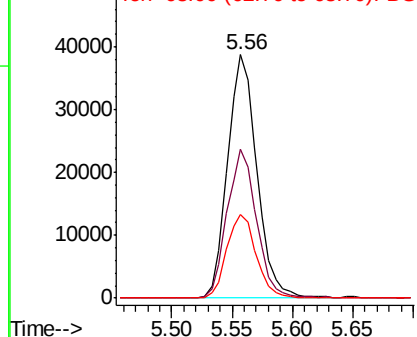
#5

2-Fluorophenol
Concen: 98.054 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG039306.D
Acq: 26 Jan 2019 11:03

Tgt Ion:112 Resp: 65284
Ion Ratio Lower Upper
112 100
64 61.1 47.0 70.6
63 34.5 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: 88.567 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039306.D

Acq: 26 Jan 2019 11:03

Instrument :

BNA_G

ClientSampleId :

PB116618BL

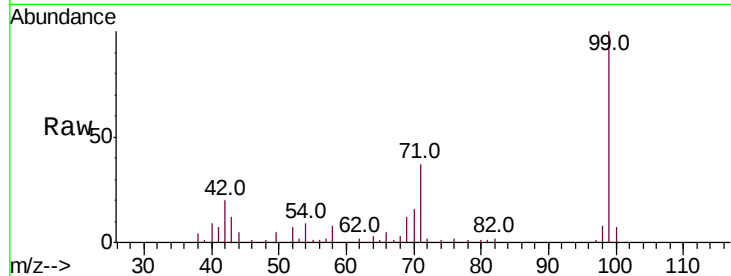
Tot Ion: 99 Resp: 84862

Ion Ratio Lower Upper

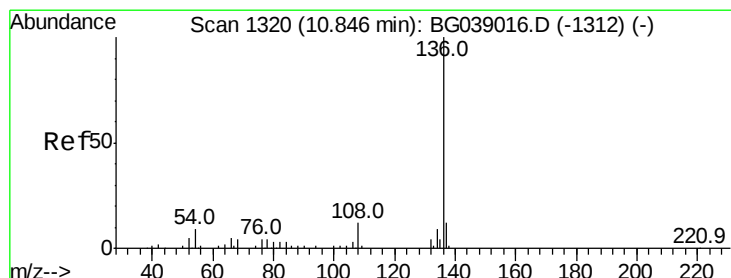
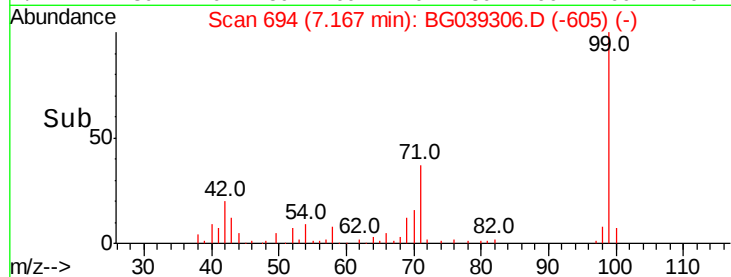
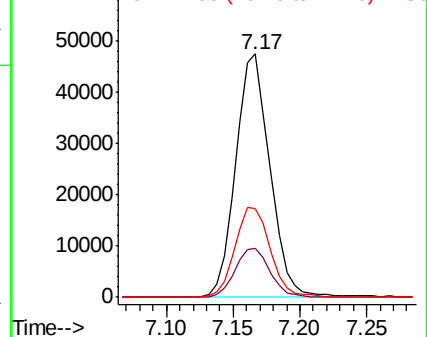
99 100

42 20.1 15.8 23.6

71 36.7 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: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG039306.D

Acq: 26 Jan 2019 11:03

Tgt Ion: 136 Resp: 68202

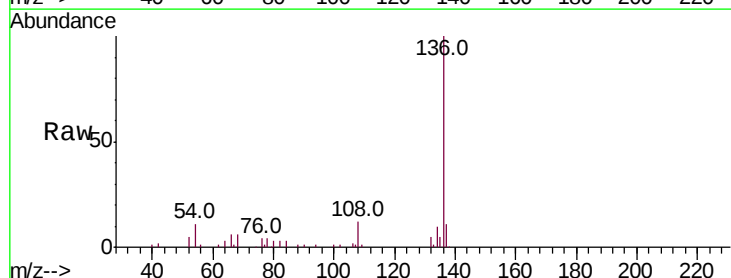
Ion Ratio Lower Upper

136 100

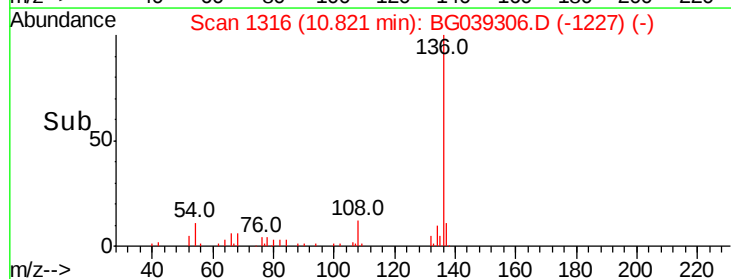
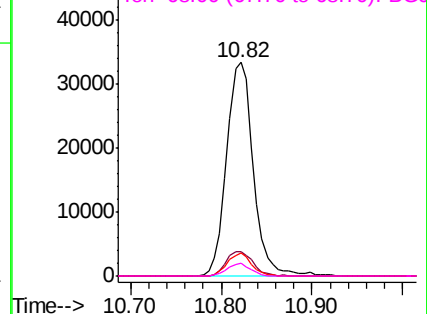
137 11.5 9.4 14.2

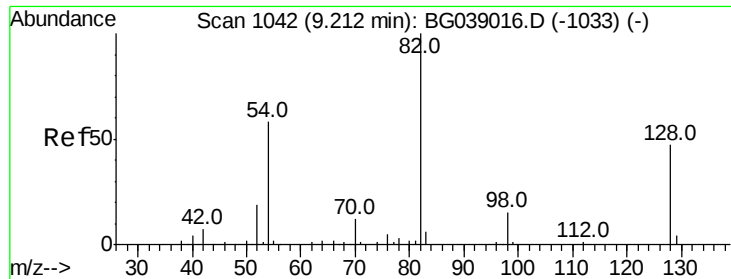
54 10.7 7.2 10.8

68 6.1 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

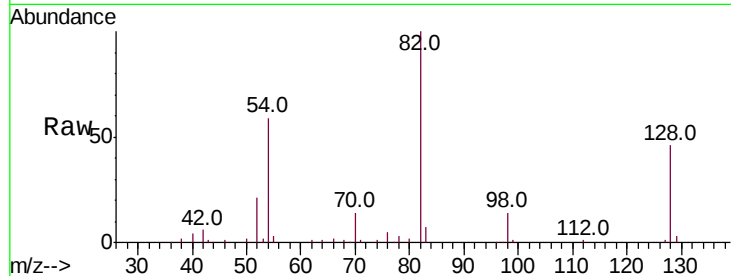




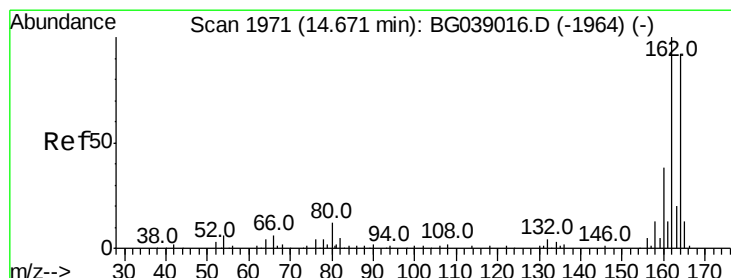
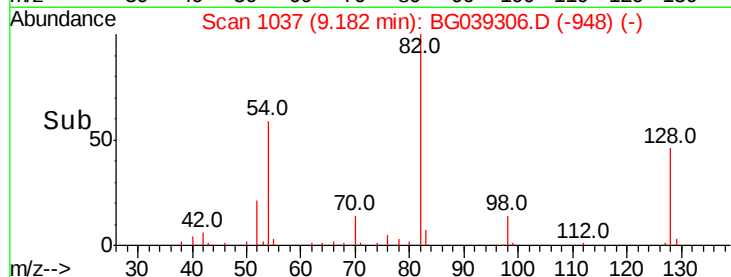
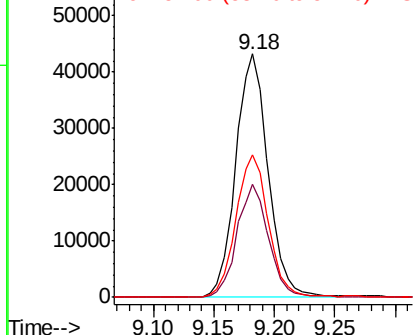
#23
 Nitrobenzene-d5
 Concen: 64.874 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG039306.D
 Acq: 26 Jan 2019 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB116618BL

Tot Ion: 82 Resp: 80858
 Ion Ratio Lower Upper
 82 100
 128 46.4 37.3 55.9
 54 58.7 46.4 69.6

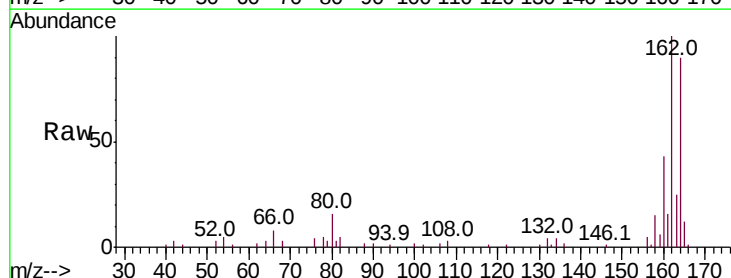


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

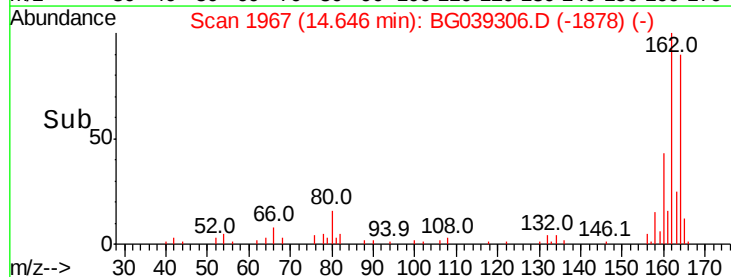
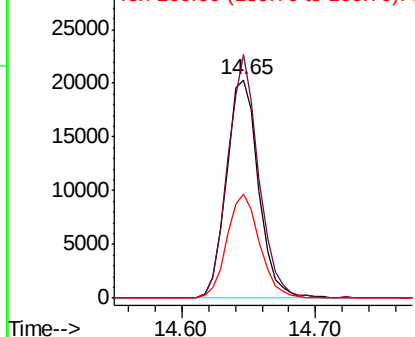


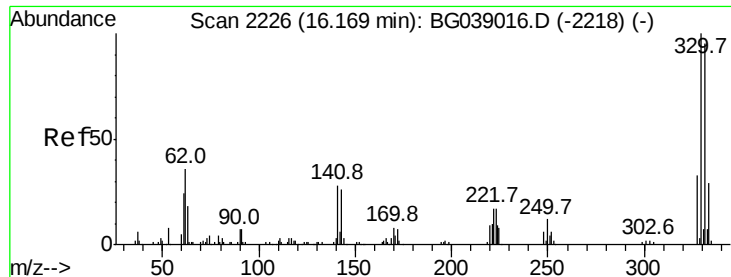
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG039306.D
 Acq: 26 Jan 2019 11:03

Tgt Ion:164 Resp: 34118
 Ion Ratio Lower Upper
 164 100
 162 111.6 87.2 130.8
 160 47.7 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: 80.163 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG039306.D

Acq: 26 Jan 2019 11:03

Instrument :

BNA_G

ClientSampleId :

PB116618BL

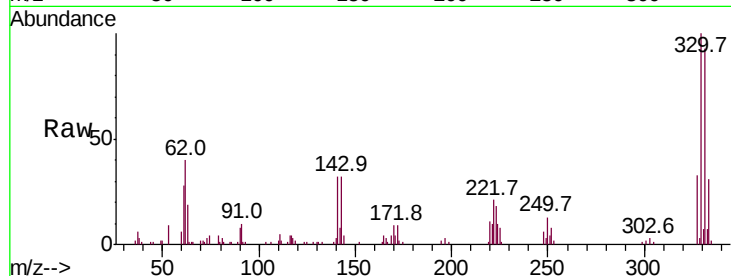
Tot Ion:330 Resp: 45846

Ion Ratio Lower Upper

330 100

332 93.6 75.7 113.5

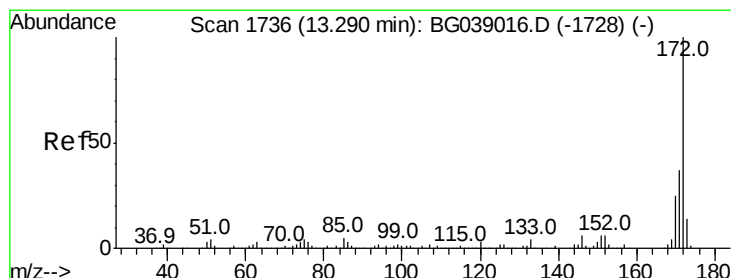
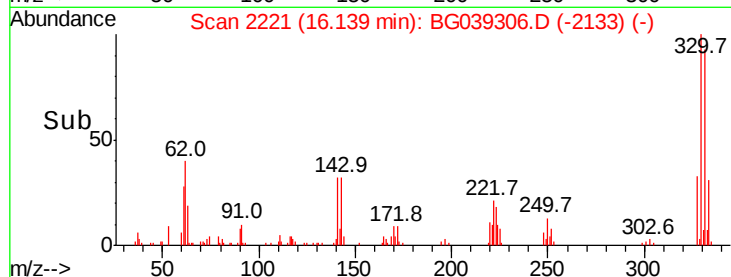
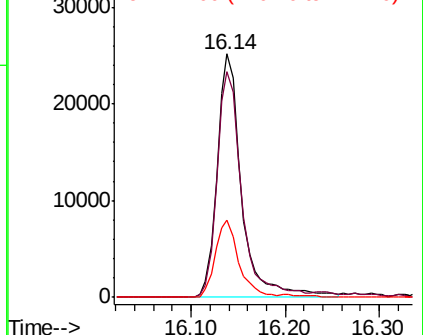
141 30.4 24.9 37.3



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: 88.383 ng

RT: 13.27 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BG039306.D

Acq: 26 Jan 2019 11:03

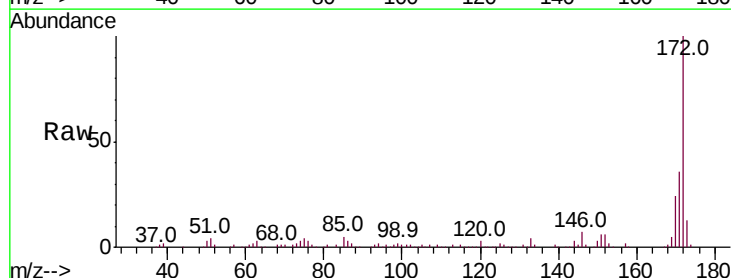
Tgt Ion:172 Resp: 220336

Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.0

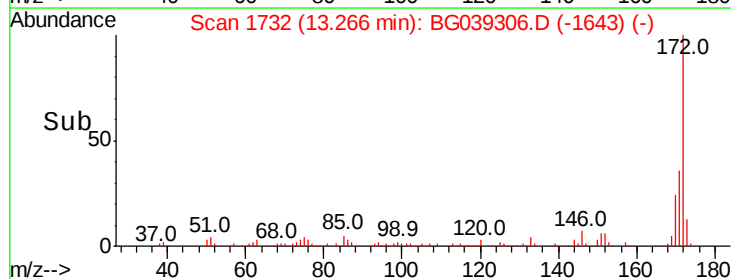
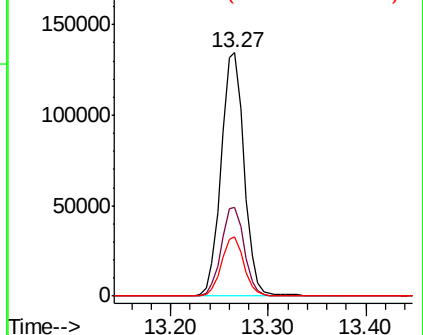
170 24.1 20.1 30.1

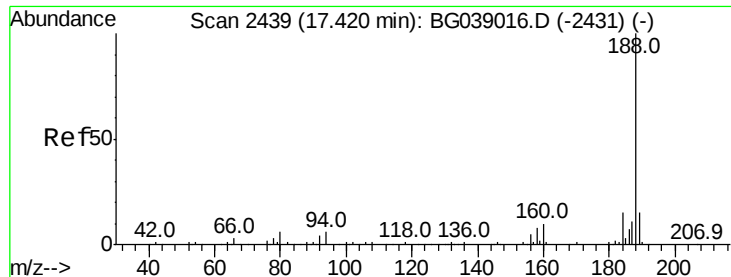


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2435

Delta R.T. -0.01 min

Lab File: BG039306.D

Acq: 26 Jan 2019 11:03

Instrument :

BNA_G

ClientSampleId :

PB116618BL

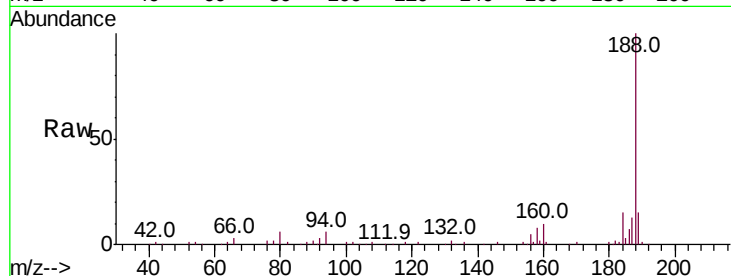
Tot Ion:188 Resp: 99956

Ion Ratio Lower Upper

188 100

94 6.0 5.0 7.4

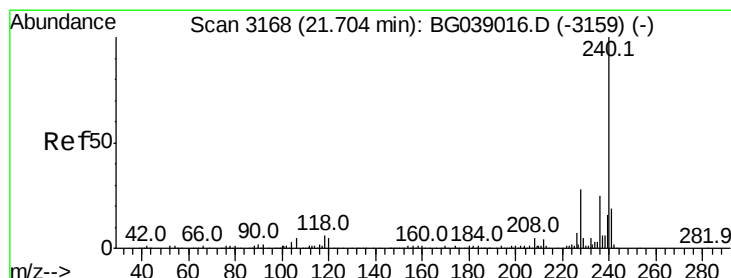
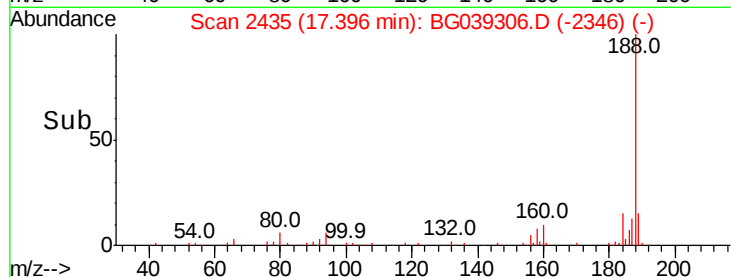
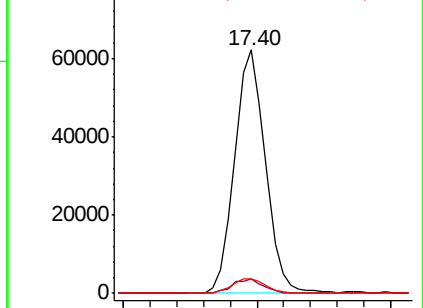
80 6.0 4.7 7.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.02 min

Lab File: BG039306.D

Acq: 26 Jan 2019 11:03

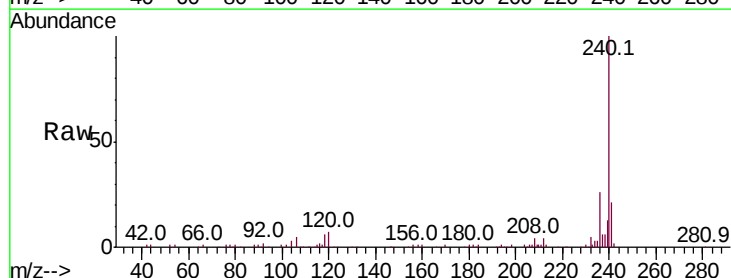
Tgt Ion:240 Resp: 127444

Ion Ratio Lower Upper

240 100

120 6.9 4.3 6.5#

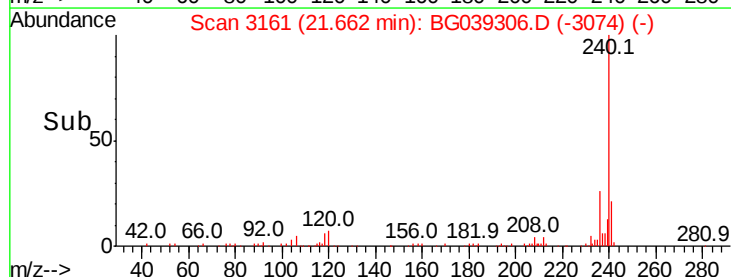
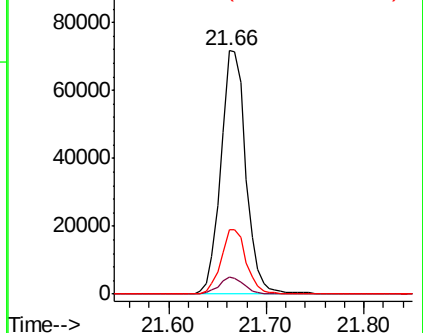
236 26.4 20.1 30.1

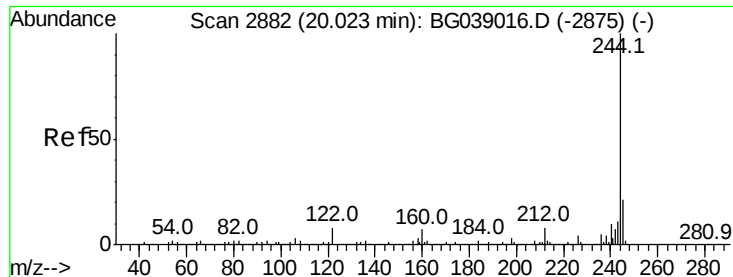


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.056 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039306.D

Acq: 26 Jan 2019 11:03

Instrument :

BNA_G

ClientSampleId :

PB116618BL

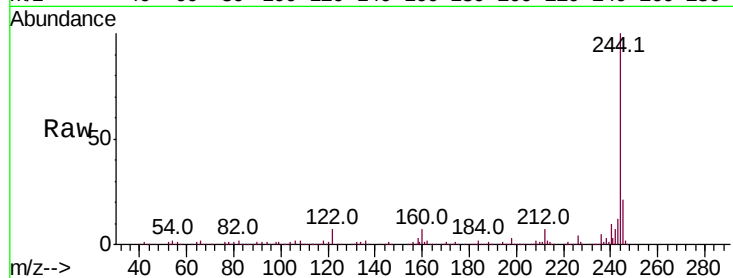
Tot Ion:244 Resp: 482636

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

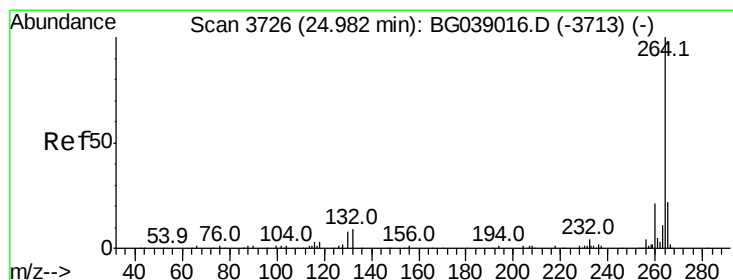
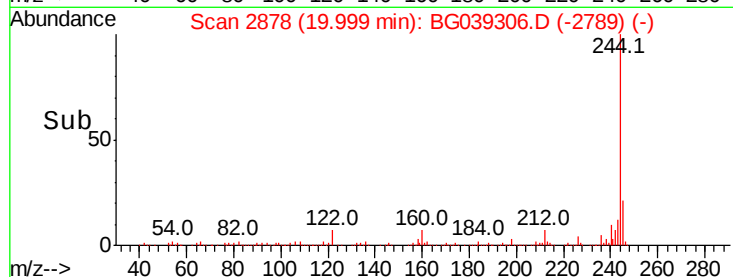
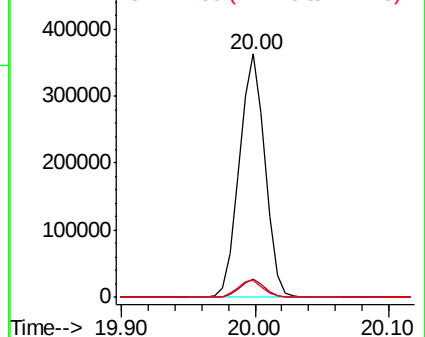
122 7.3 6.1 9.1



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: 24.92 min Scan# 3716

Delta R.T. -0.03 min

Lab File: BG039306.D

Acq: 26 Jan 2019 11:03

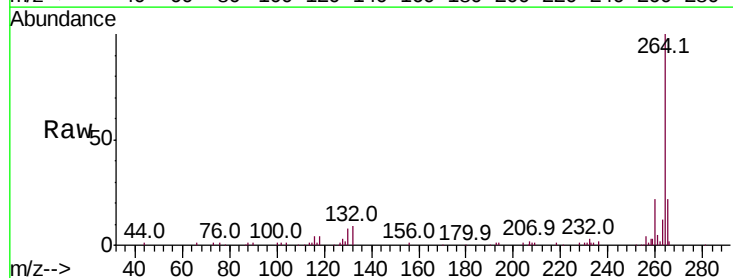
Tgt Ion:264 Resp: 131616

Ion Ratio Lower Upper

264 100

260 22.5 17.0 25.6

265 22.2 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

