

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020119\
 Data File : BG039347.D
 Acq On : 1 Feb 2019 17:54
 Operator : JU/SJ
 Sample : PB116762BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116762BL

Quant Time: Feb 02 01:24:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	43782	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	189251	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	124828	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	297072	20.00	ng	-0.01
76) Chrysene-d12	21.84	240	335991	20.00	ng	-0.01
87) Perylene-d12	25.22	264	330163	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	408758	159.79	ng	0.00
7) Phenol-d6	7.31	99	579183	153.82	ng	0.00
23) Nitrobenzene-d5	9.35	82	323297	106.72	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	198554	147.71	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	833166	95.75	ng	0.00
79) Terphenyl-d14	20.14	244	1394704	87.86	ng	-0.01

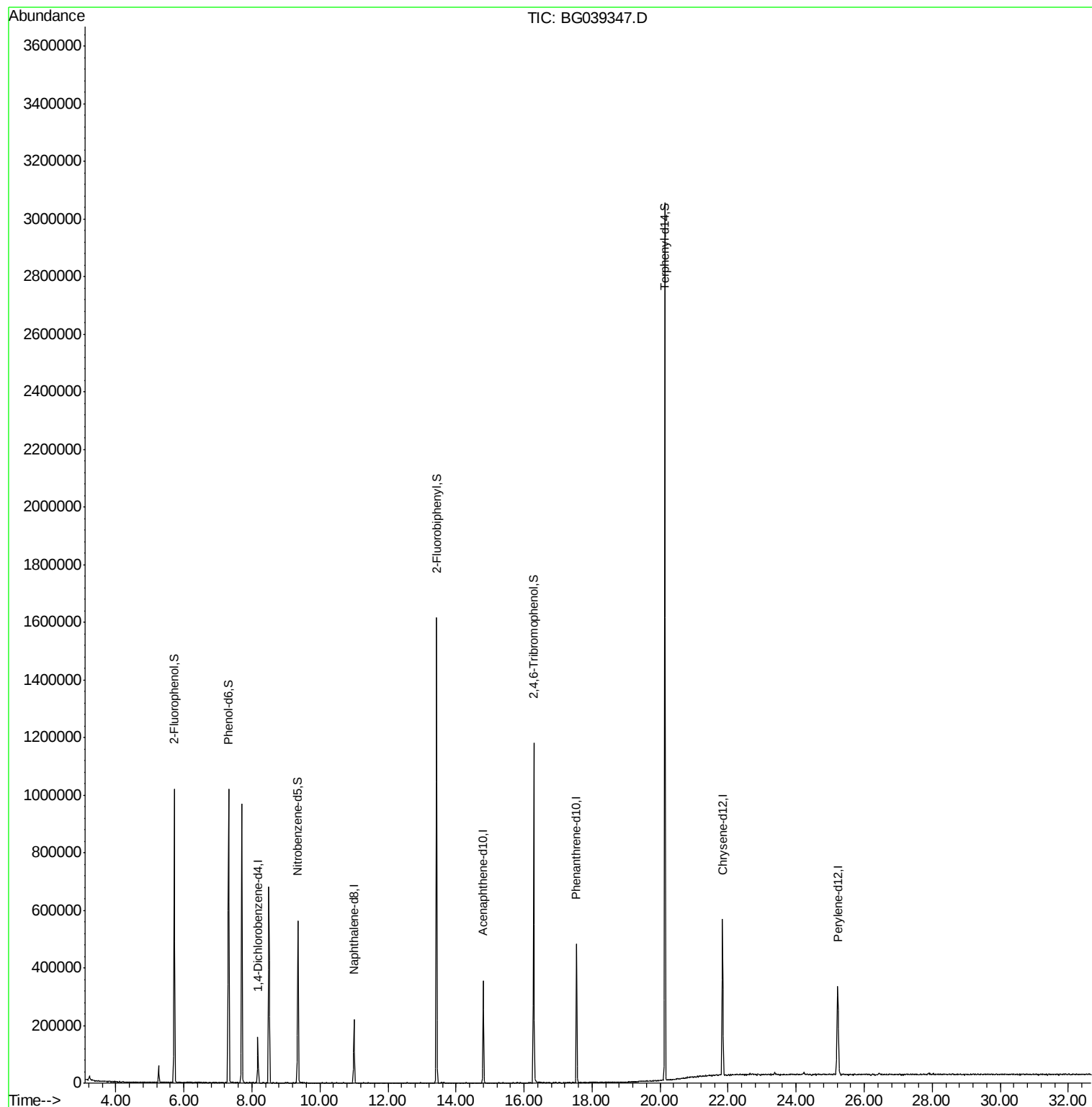
Target Compounds Qvalue

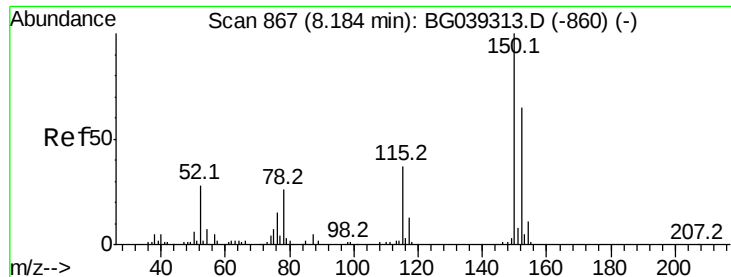
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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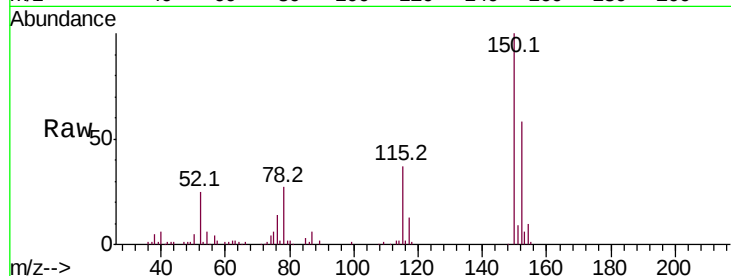


#1

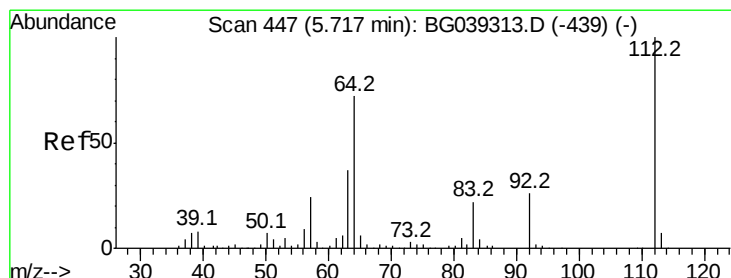
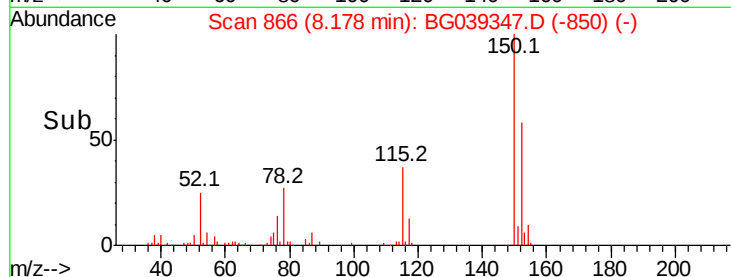
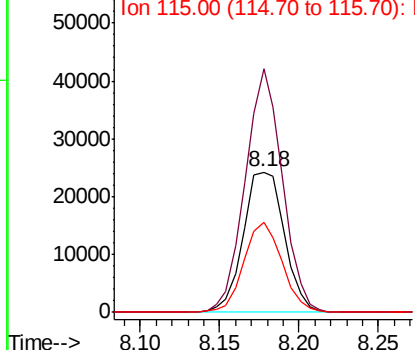
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116762BL

Tot Ion:152 Resp: 43782
Ion Ratio Lower Upper
152 100
150 173.7 123.7 185.5
115 63.8 45.9 68.9



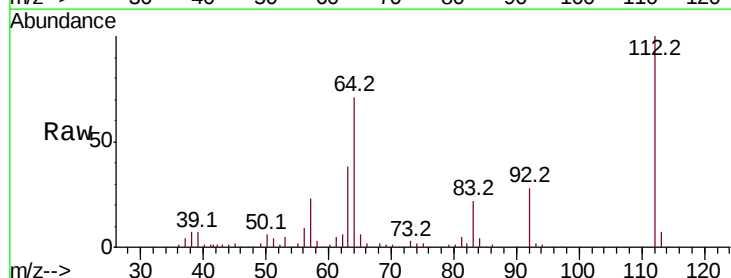
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



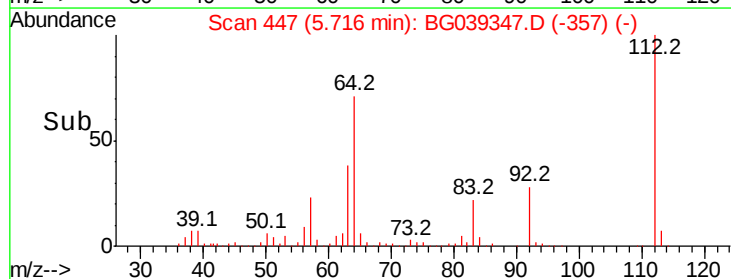
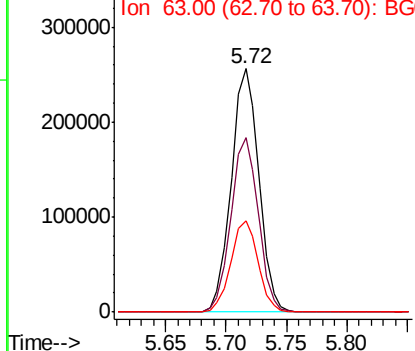
#5

2-Fluorophenol
Concen: 159.790 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Tgt Ion:112 Resp: 408758
Ion Ratio Lower Upper
112 100
64 71.5 57.8 86.8
63 37.7 29.8 44.6



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: 153.815 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039347.D

Acq: 1 Feb 2019 17:54

Instrument :

BNA_G

ClientSampleId :

PB116762BL

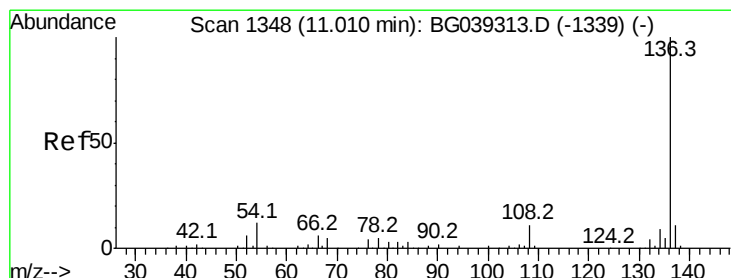
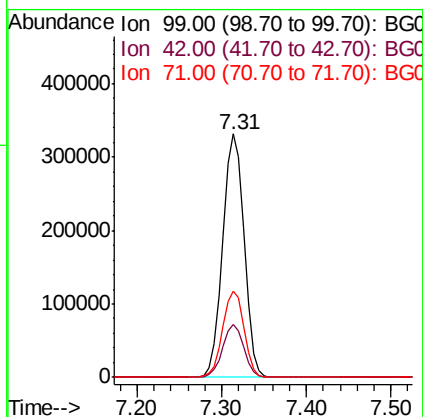
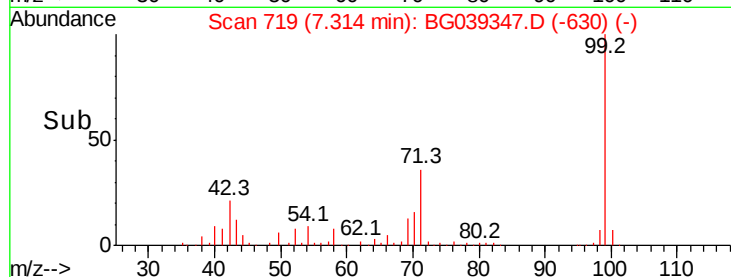
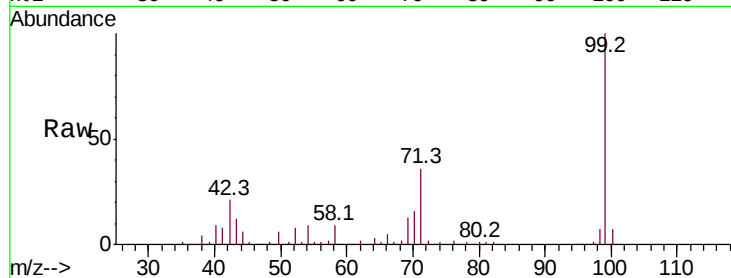
Tot Ion: 99 Resp: 579183

Ion Ratio Lower Upper

99 100

42 21.5 18.2 27.2

71 35.6 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BG039347.D

Acq: 1 Feb 2019 17:54

Tgt Ion: 136 Resp: 189251

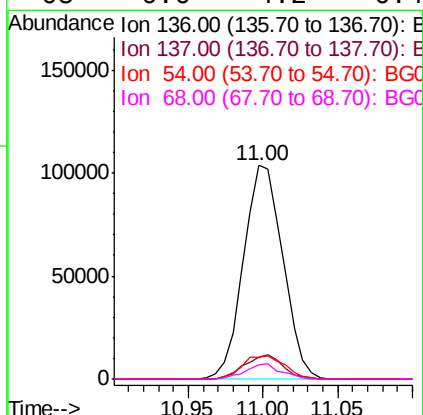
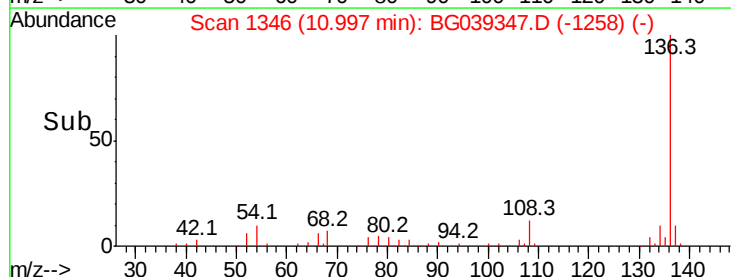
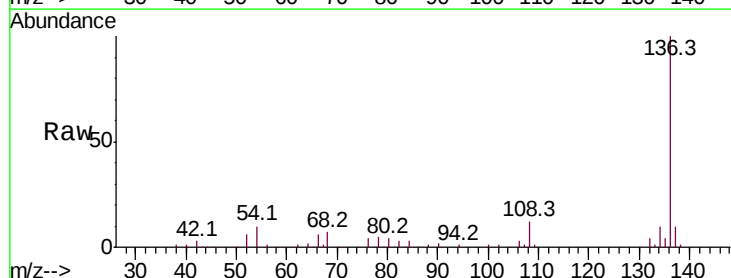
Ion Ratio Lower Upper

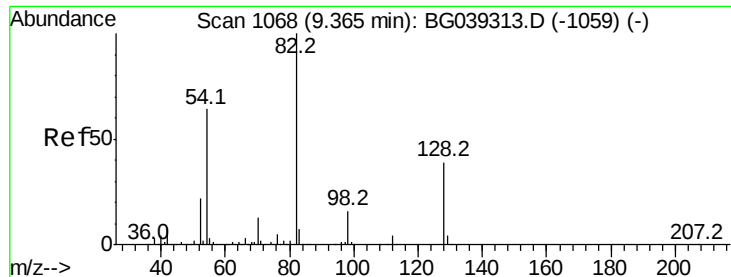
136 100

137 10.0 9.1 13.7

54 10.5 9.4 14.2

68 6.6 4.2 6.4#





#23

Nitrobenzene-d5

Concen: 106.720 ng

RT: 9.35 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BG039347.D

Acq: 1 Feb 2019 17:54

Instrument :

BNA_G

ClientSampleId :

PB116762BL

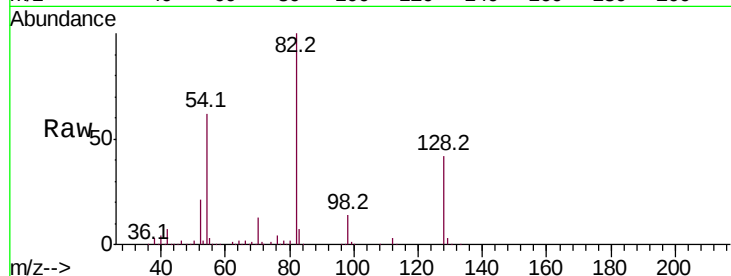
Tot Ion: 82 Resp: 323297

Ion Ratio Lower Upper

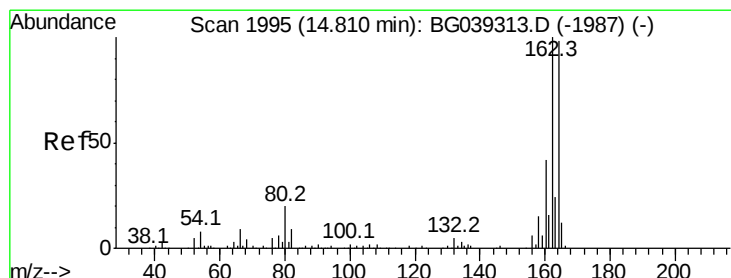
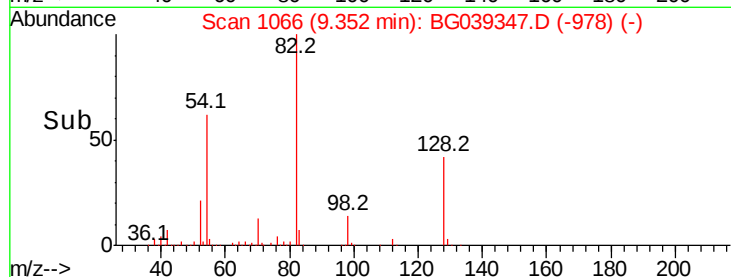
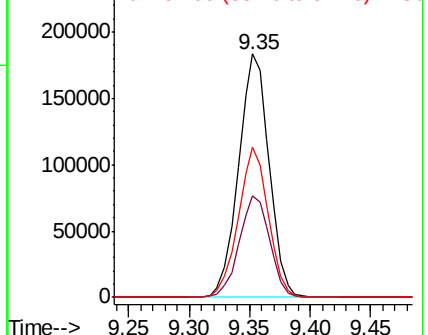
82 100

128 41.6 31.3 46.9

54 61.6 50.9 76.3



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: 14.80 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG039347.D

Acq: 1 Feb 2019 17:54

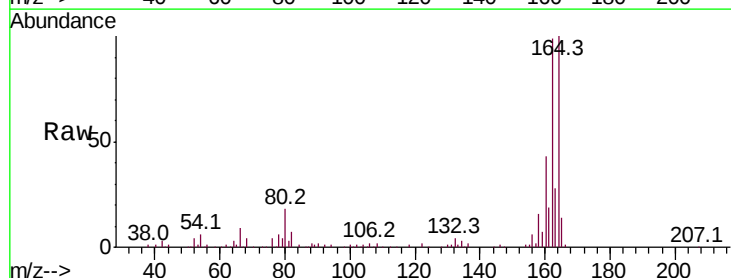
Tgt Ion: 164 Resp: 124828

Ion Ratio Lower Upper

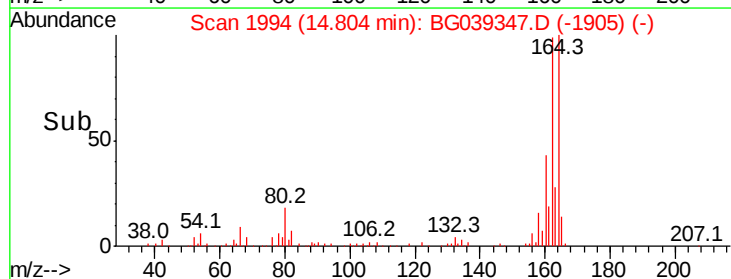
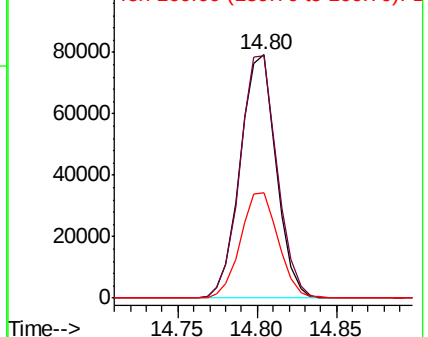
164 100

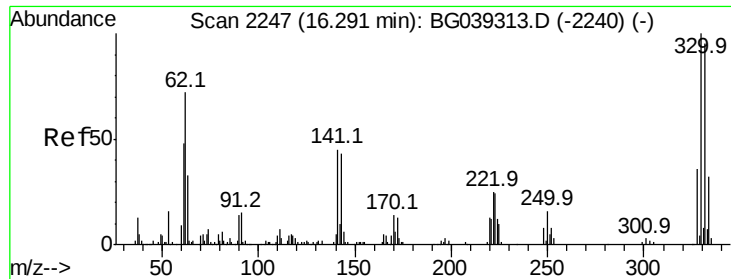
162 99.3 81.6 122.4

160 43.4 34.2 51.2



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

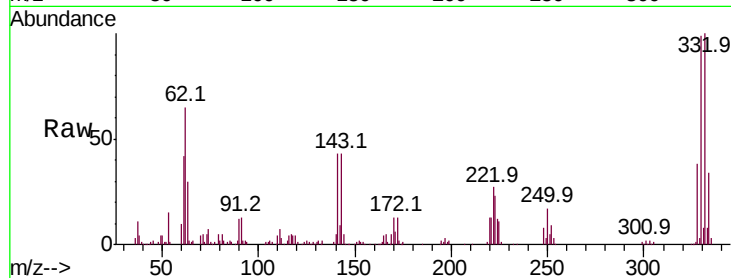




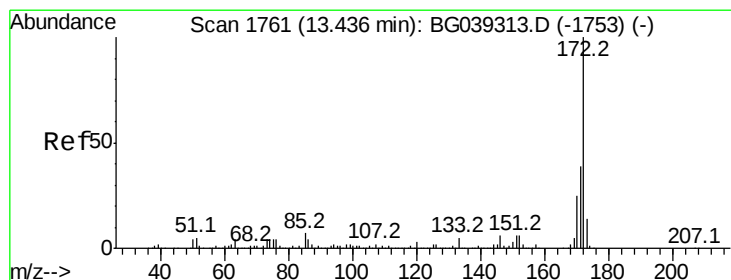
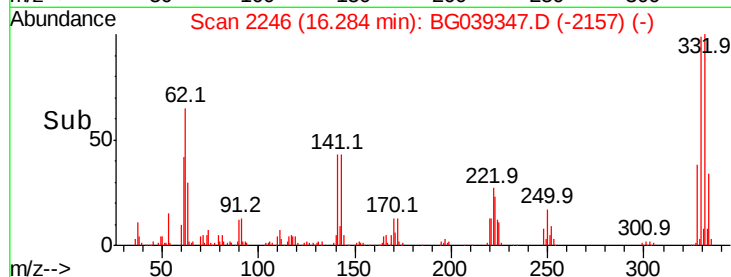
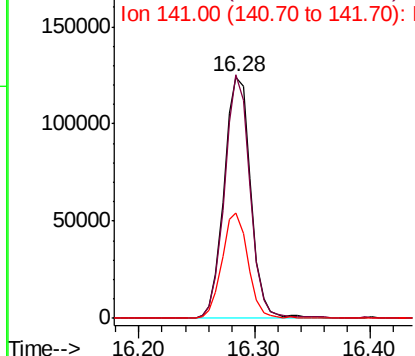
#42
 2,4,6-Tribromophenol
 Concen: 147.713 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039347.D
 Acq: 1 Feb 2019 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB116762BL

Tot Ion:330 Resp: 198554
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.7 113.5
 141 42.9 35.6 53.4

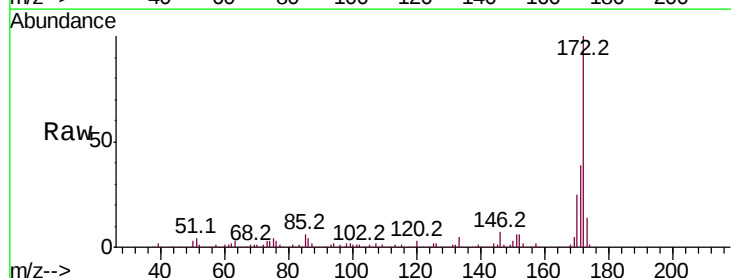


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

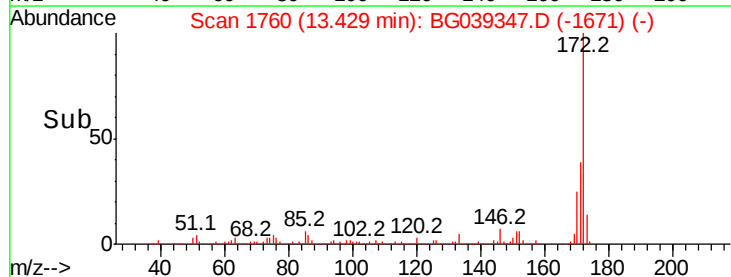
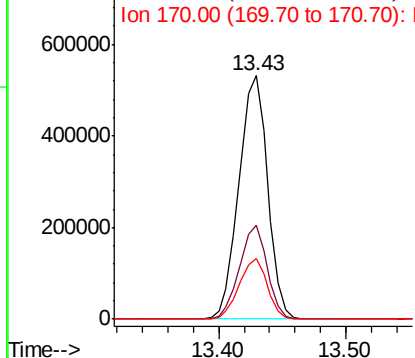


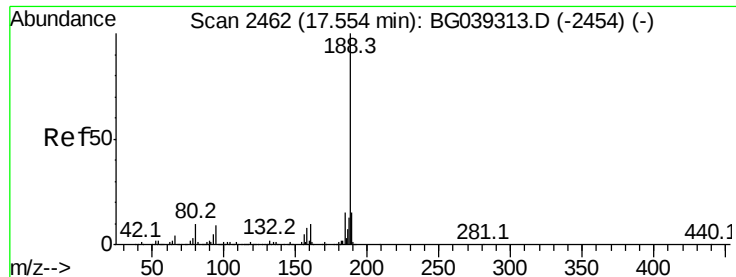
#45
 2-Fluorobiphenyl
 Concen: 95.749 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BG039347.D
 Acq: 1 Feb 2019 17:54

Tgt Ion:172 Resp: 833166
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.8 46.2
 170 24.9 20.2 30.4



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: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039347.D

Acq: 1 Feb 2019 17:54

Instrument :

BNA_G

ClientSampleId :

PB116762BL

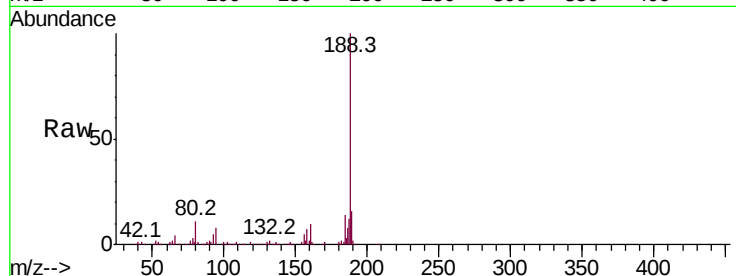
Tot Ion:188 Resp: 297072

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

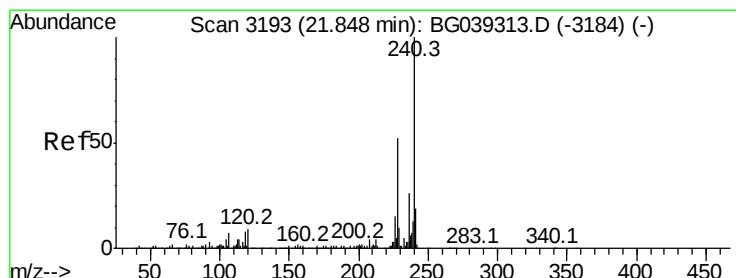
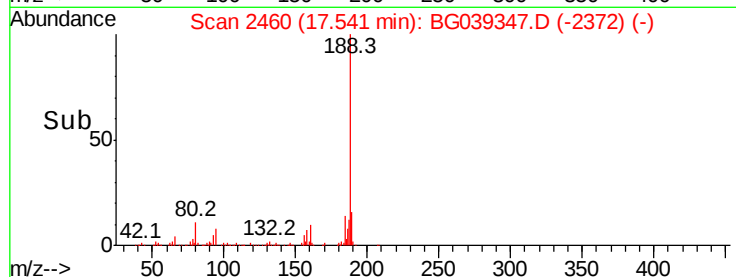
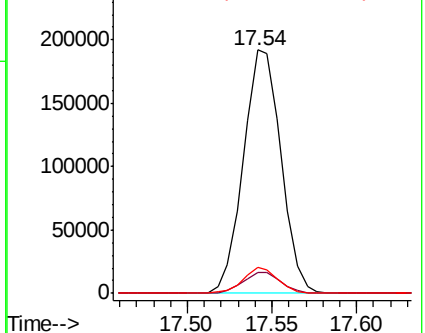
80 10.6 8.1 12.1



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: 21.84 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039347.D

Acq: 1 Feb 2019 17:54

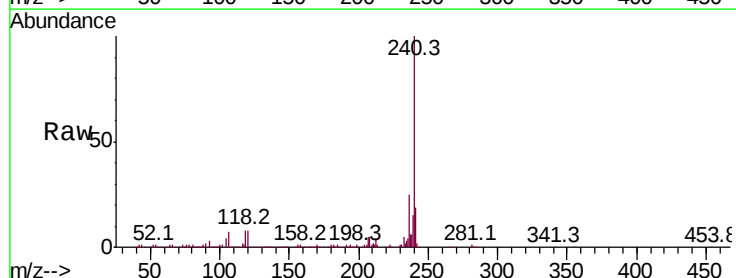
Tgt Ion:240 Resp: 335991

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

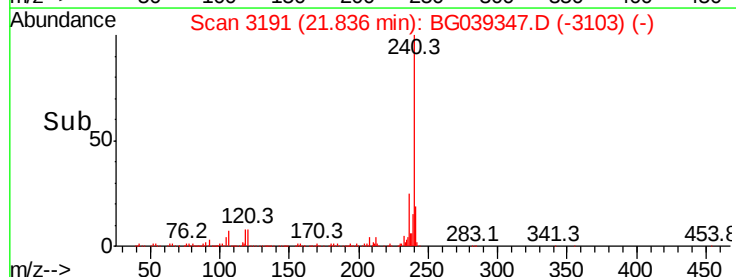
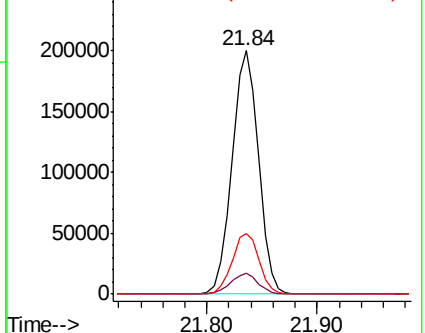
236 24.9 21.0 31.4

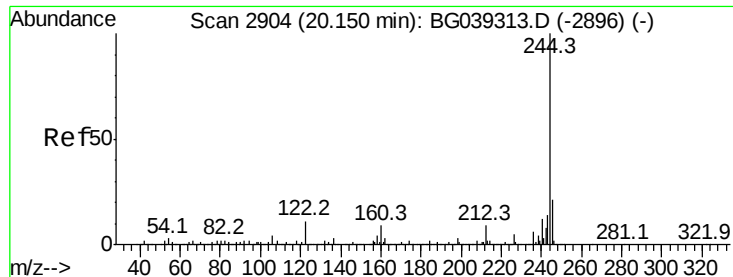


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.864 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039347.D

Acq: 1 Feb 2019 17:54

Instrument :

BNA_G

ClientSampleId :

PB116762BL

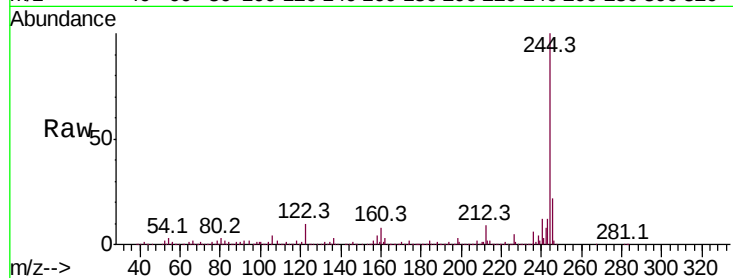
Tot Ion:244 Resp: 1394704

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

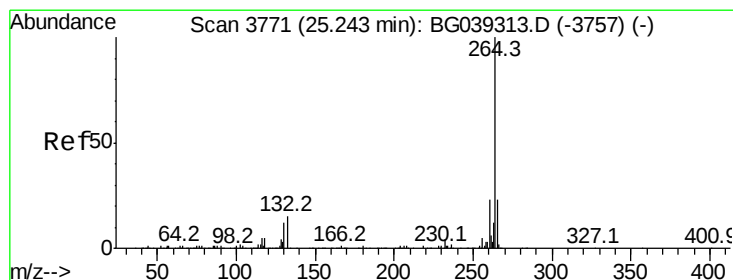
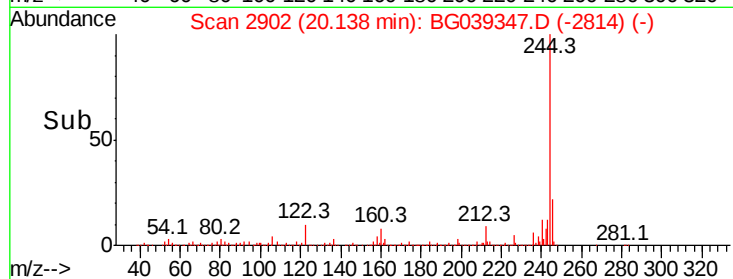
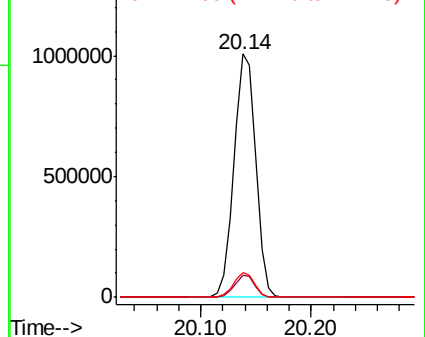
122 10.2 8.4 12.6



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: 25.22 min Scan# 3767

Delta R.T. -0.02 min

Lab File: BG039347.D

Acq: 1 Feb 2019 17:54

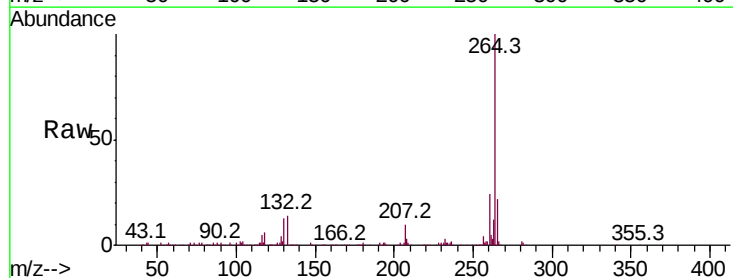
Tgt Ion:264 Resp: 330163

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 22.3 18.5 27.7



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

