

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\
 Data File : BG041226.D
 Acq On : 13 Jun 2019 11:29
 Operator : HP/JU
 Sample : PB120547BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120547BL

Quant Time: Jun 14 05:33:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	37222	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	156672	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	116993	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	277889	20.00	ng	0.00
76) Chrysene-d12	21.77	240	274596	20.00	ng	0.00
87) Perylene-d12	25.11	264	237772	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	285609	138.36	ng	0.00
7) Phenol-d6	7.26	99	430036	134.89	ng	0.00
23) Nitrobenzene-d5	9.28	82	301272	85.37	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	213512	122.93	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	742333	91.38	ng	0.00
79) Terphenyl-d14	20.08	244	1245976	96.30	ng	0.00

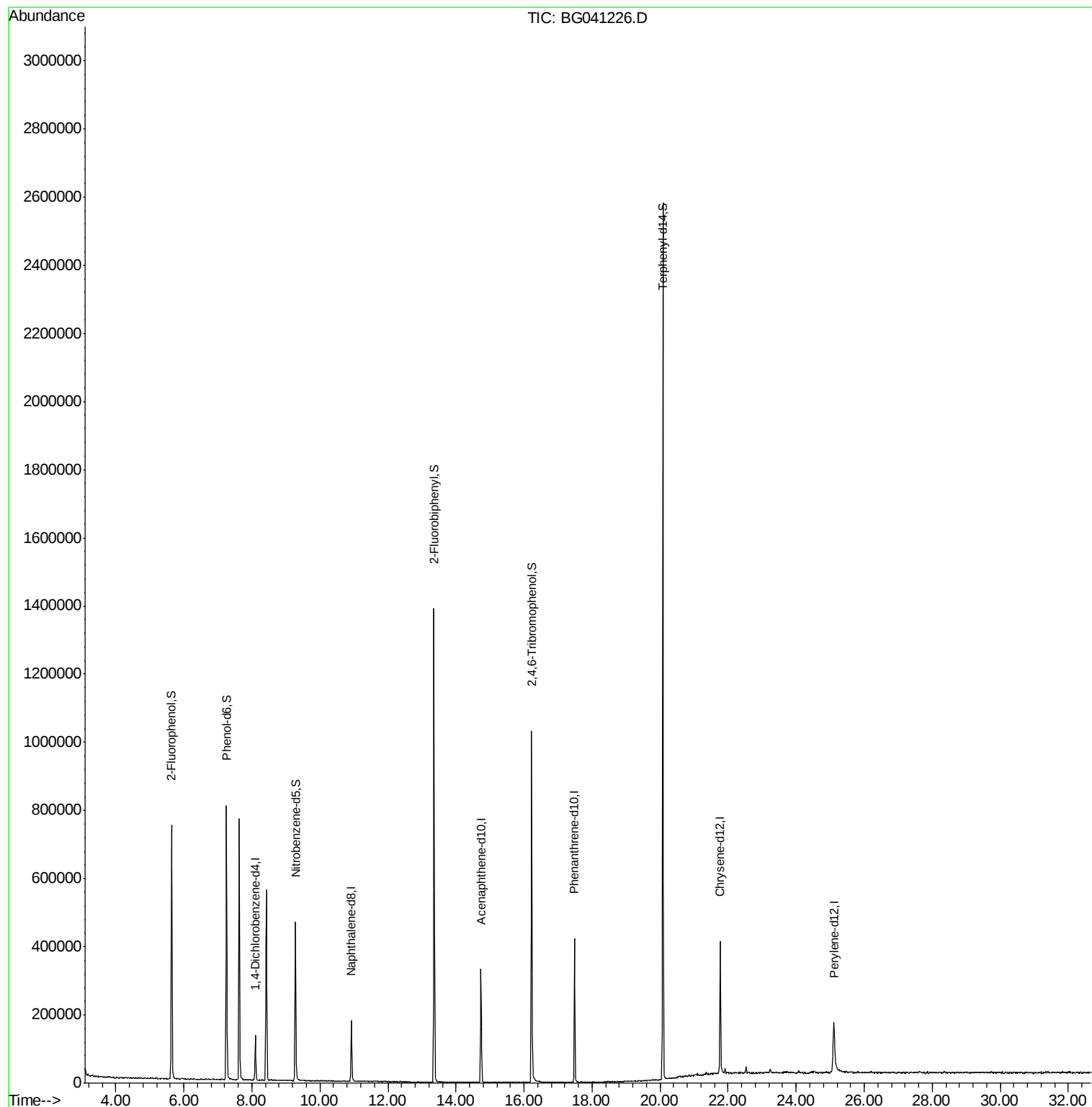
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\
Data File : BG041226.D
Acq On : 13 Jun 2019 11:29
Operator : HP/JU
Sample : PB120547BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB120547BL

Quant Time: Jun 14 05:33:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG041226.D

Acq: 13 Jun 2019 11:29

Instrument :

BNA_G

ClientSampleId :

PB120547BL

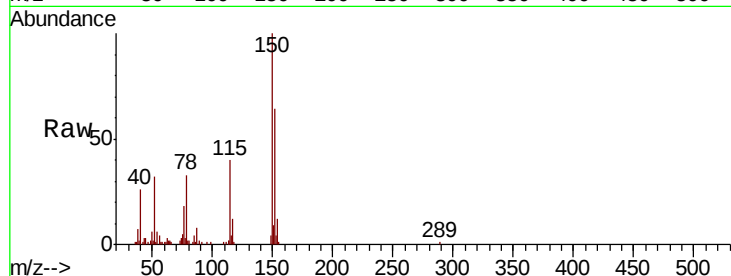
Tot Ion:152 Resp: 37222

Ion Ratio Lower Upper

152 100

150 156.9 120.6 180.8

115 63.1 45.1 67.7

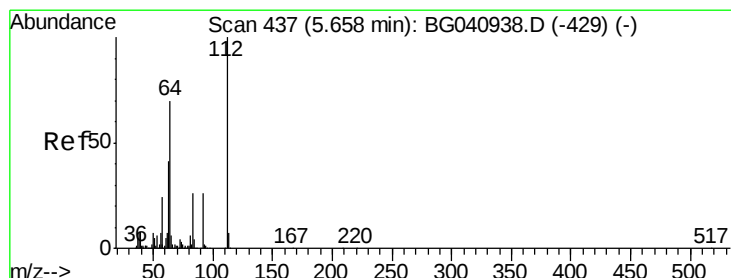
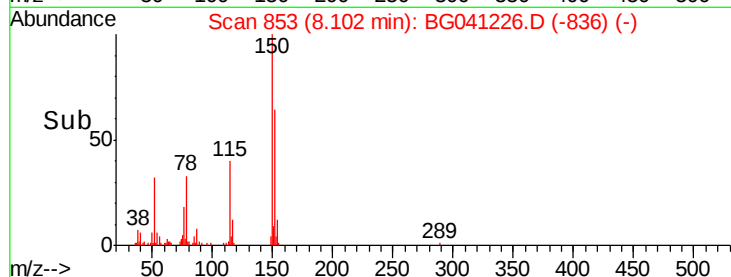
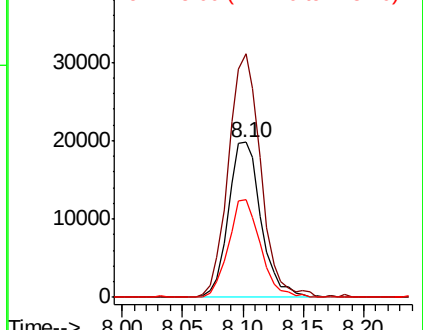


Abundance

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: 138.363 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041226.D

Acq: 13 Jun 2019 11:29

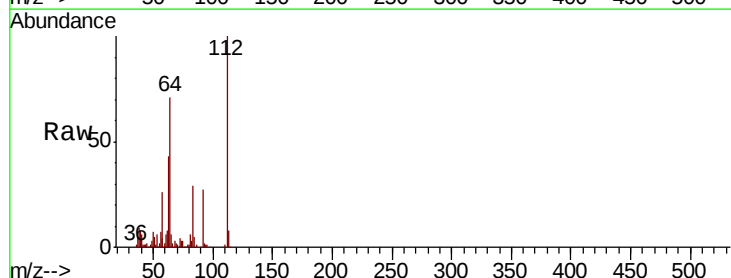
Tgt Ion:112 Resp: 285609

Ion Ratio Lower Upper

112 100

64 71.3 56.2 84.2

63 42.9 32.8 49.2

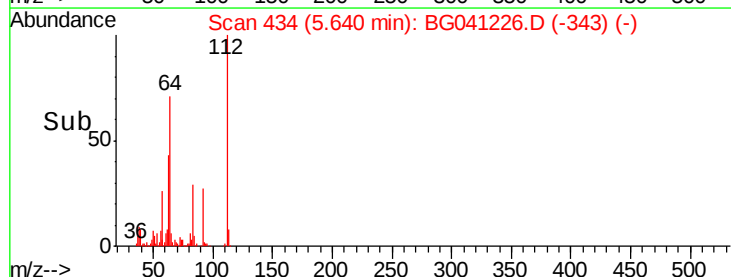
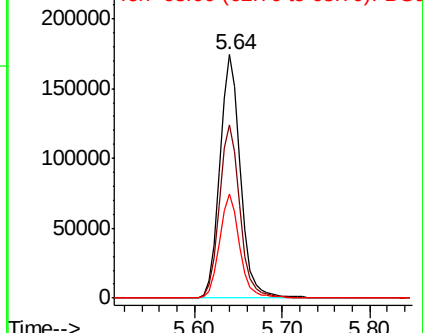


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 134.894 ng

RT: 7.26 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041226.D

Acq: 13 Jun 2019 11:29

Instrument :

BNA_G

ClientSampleId :

PB120547BL

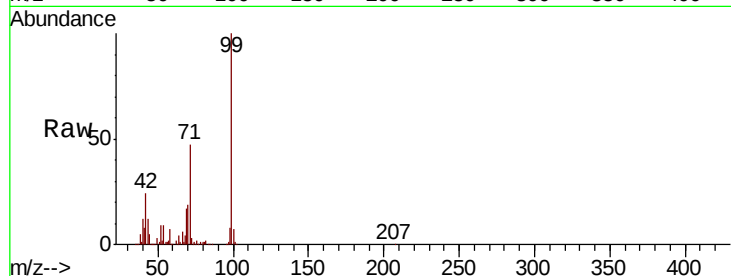
Tot Ion: 99 Resp: 430036

Ion Ratio Lower Upper

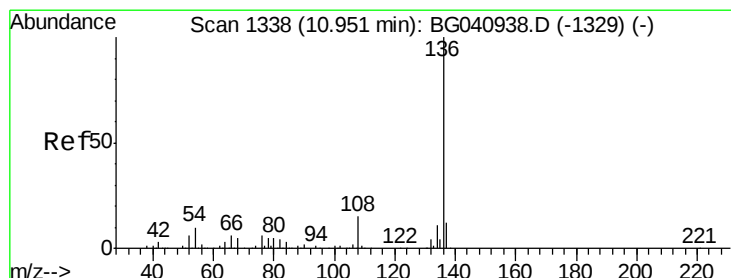
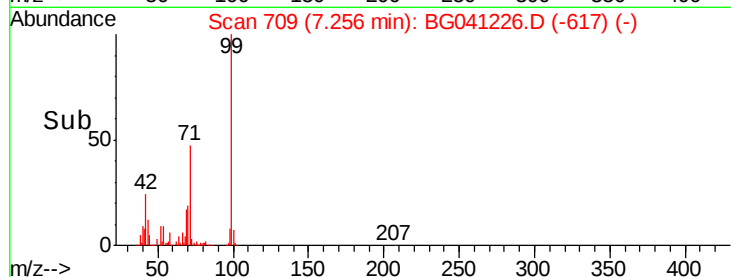
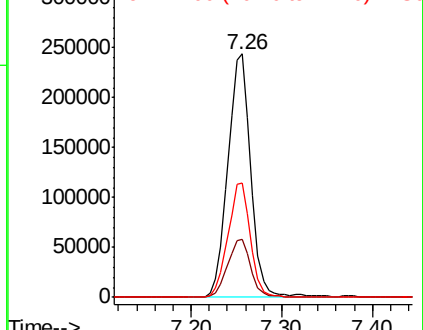
99 100

42 24.0 17.9 26.9

71 47.0 35.4 53.0



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: 10.92 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BG041226.D

Acq: 13 Jun 2019 11:29

Tgt Ion: 136 Resp: 156672

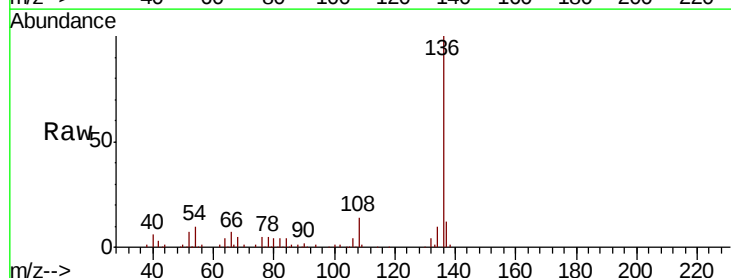
Ion Ratio Lower Upper

136 100

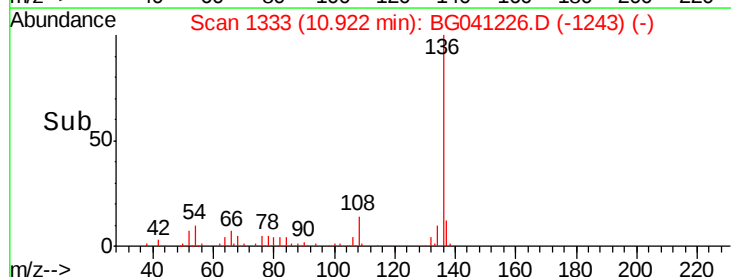
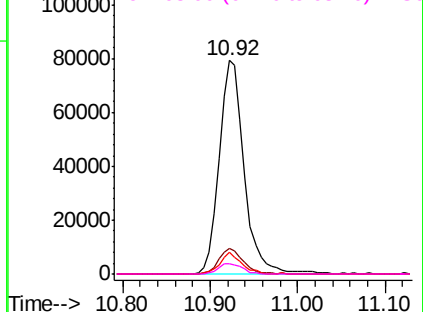
137 12.2 9.5 14.3

54 10.3 7.6 11.4

68 5.0 3.9 5.9



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: 85.367 ng

RT: 9.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BG041226.D

Acq: 13 Jun 2019 11:29

Instrument :

BNA_G

ClientSampleId :

PB120547BL

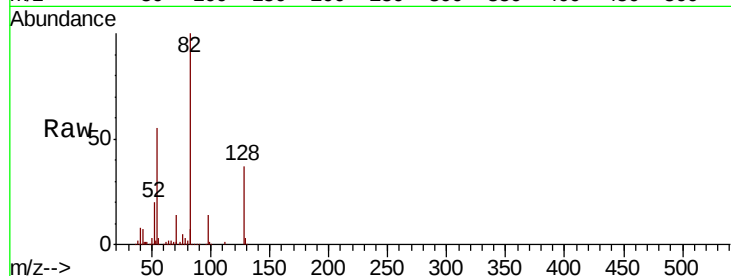
Tot Ion: 82 Resp: 301272

Ion Ratio Lower Upper

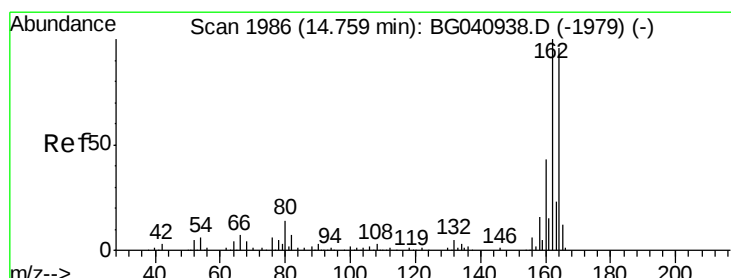
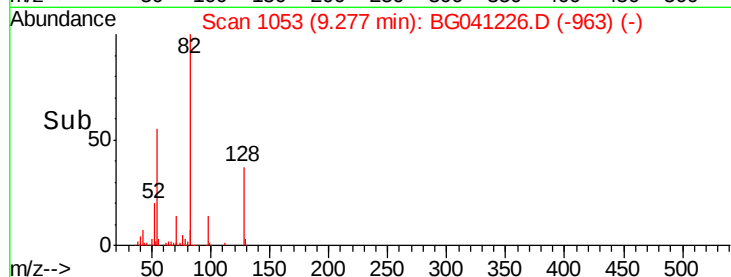
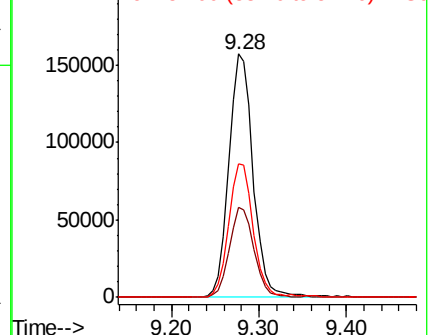
82 100

128 37.2 30.5 45.7

54 54.9 44.6 66.8



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: 14.74 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG041226.D

Acq: 13 Jun 2019 11:29

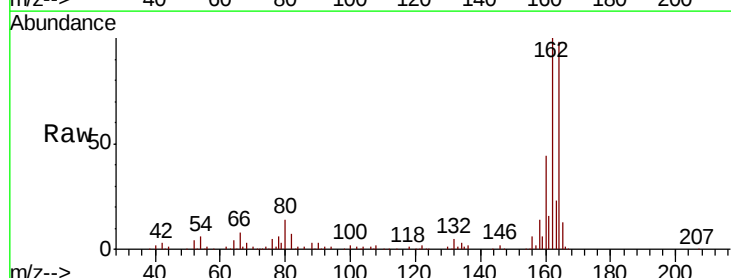
Tgt Ion: 164 Resp: 116993

Ion Ratio Lower Upper

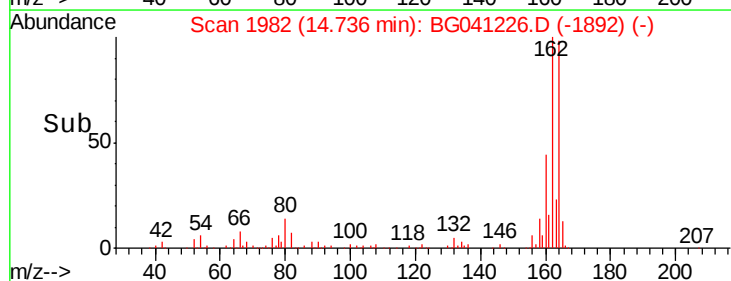
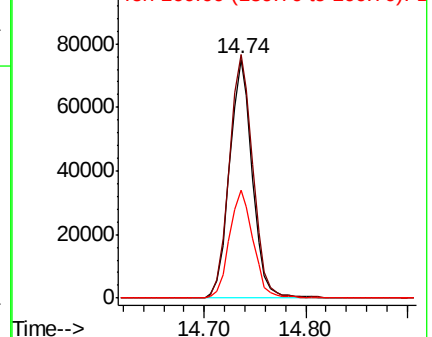
164 100

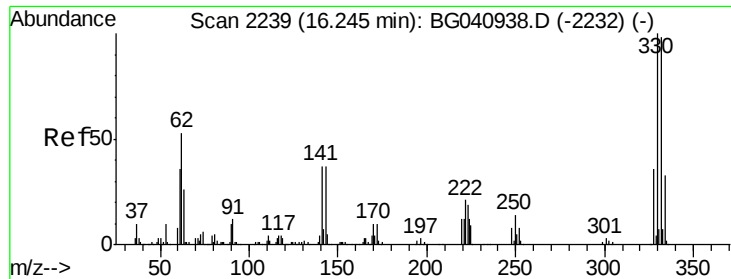
162 101.9 83.0 124.4

160 45.1 35.6 53.4



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

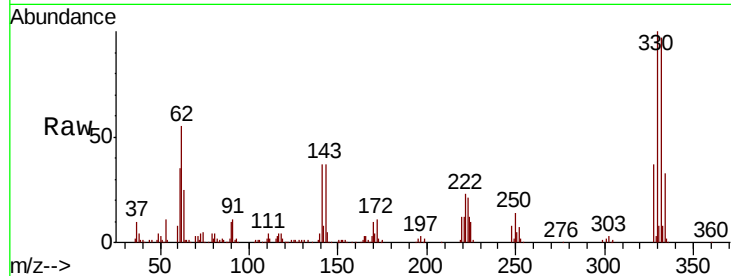




#42
 2,4,6-Tribromophenol
 Concen: 122.931 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG041226.D
 Acq: 13 Jun 2019 11:29

Instrument :
 BNA_G
 ClientSampleId :
 PB120547BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	78.5	117.7
141	35.7	28.7	43.1

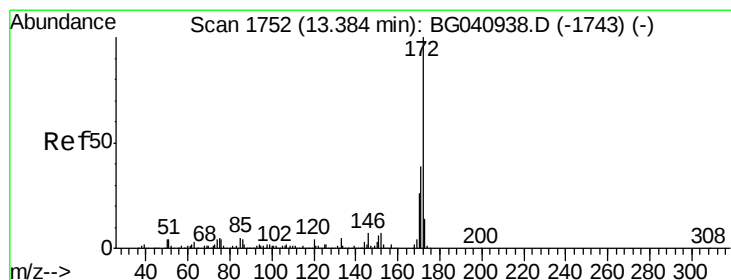
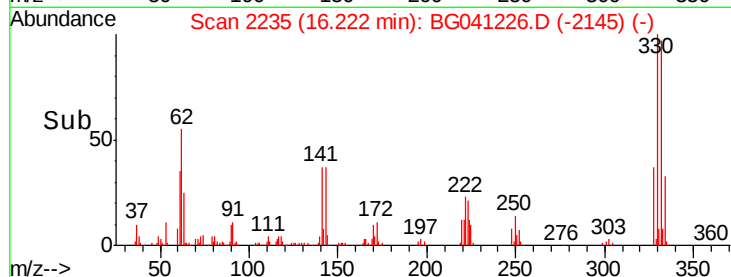
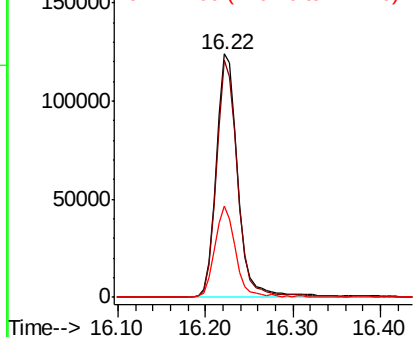


Abundance

Ion 329.80 (329.50 to 330.50): E

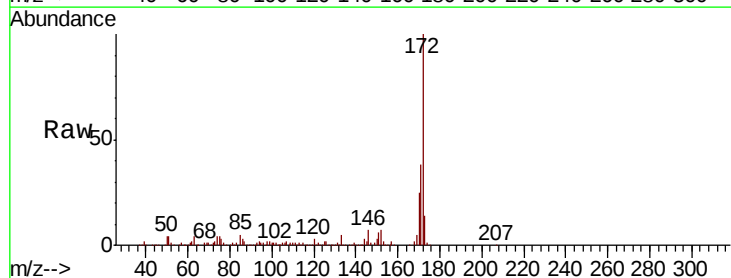
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 91.376 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG041226.D
 Acq: 13 Jun 2019 11:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.1	46.7
170	24.6	20.5	30.7

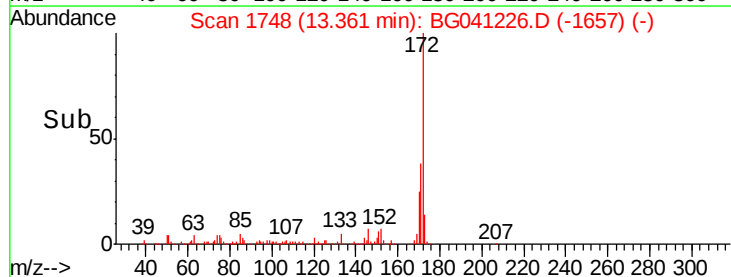
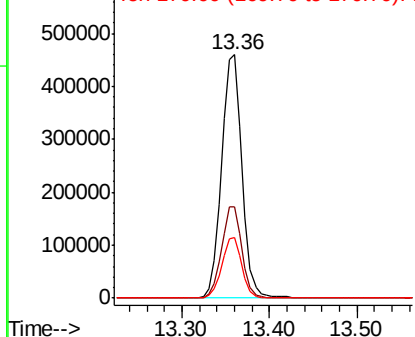


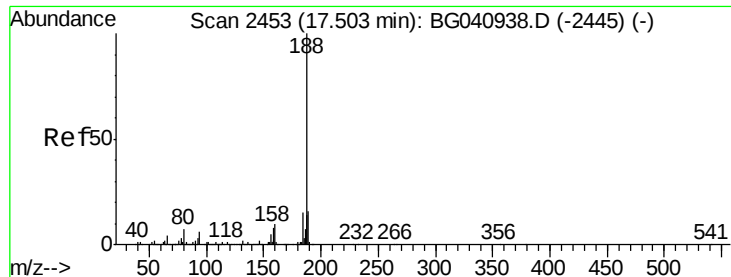
Abundance

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

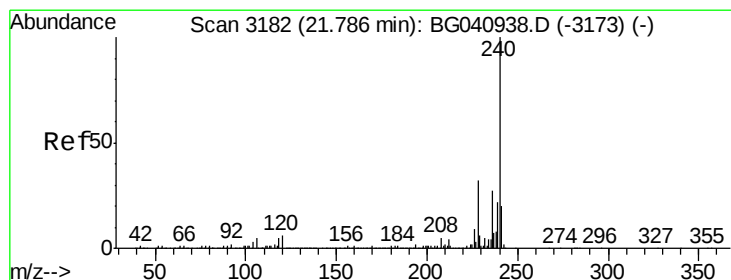
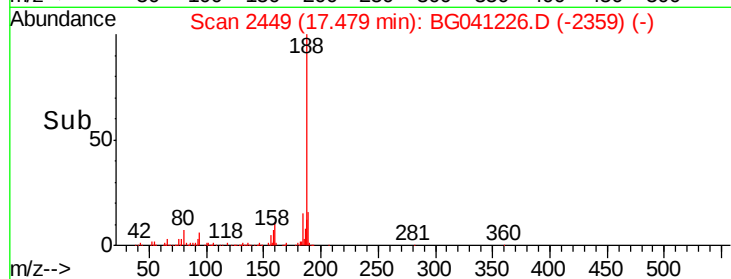
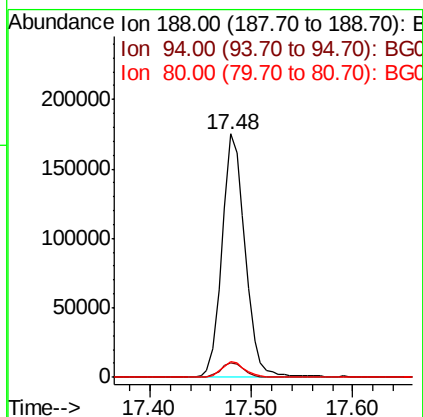
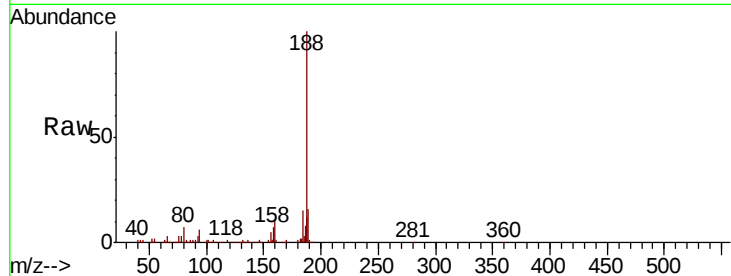




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG041226.D
Acq: 13 Jun 2019 11:29

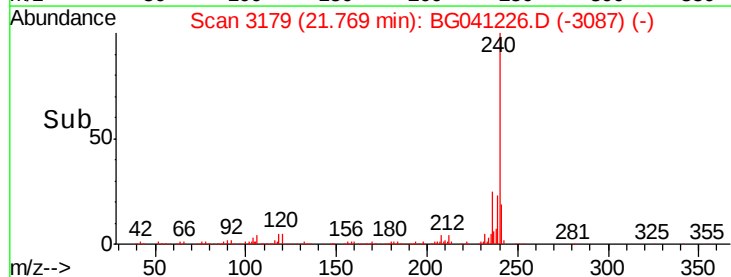
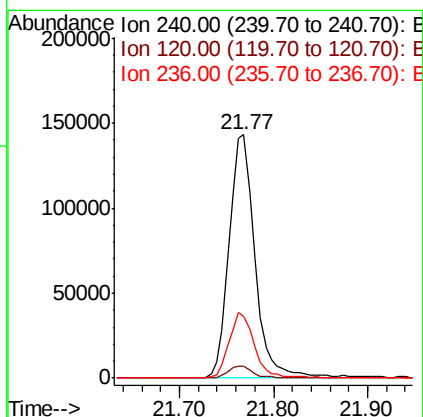
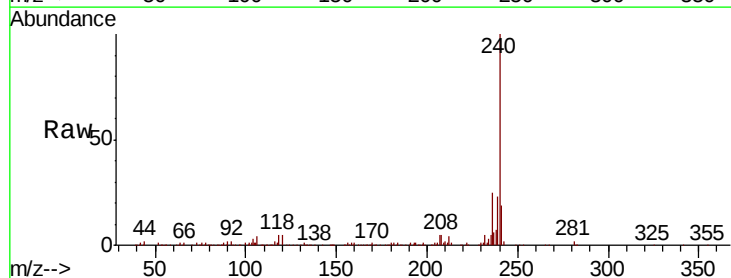
Instrument :
BNA_G
ClientSampleId :
PB120547BL

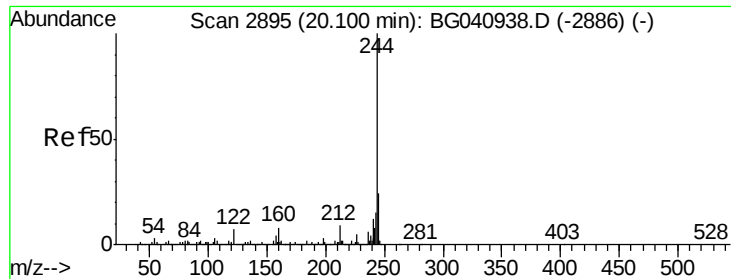
Tot Ion:188 Resp: 277889
Ion Ratio Lower Upper
188 100
94 5.9 4.7 7.1
80 6.7 5.8 8.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3179
Delta R.T. 0.01 min
Lab File: BG041226.D
Acq: 13 Jun 2019 11:29

Tgt Ion:240 Resp: 274596
Ion Ratio Lower Upper
240 100
120 4.8 4.5 6.7
236 25.3 21.3 31.9





#79

Terphenyl-d14

Concen: 96.301 ng

RT: 20.08 min Scan# 2892

Delta R.T. 0.01 min

Lab File: BG041226.D

Acq: 13 Jun 2019 11:29

Instrument :

BNA_G

ClientSampleId :

PB120547BL

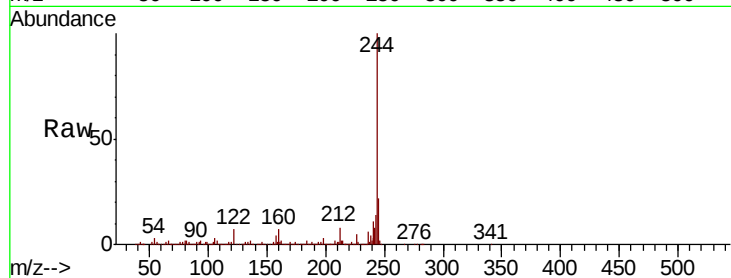
Tot Ion:244 Resp: 1245976

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.4

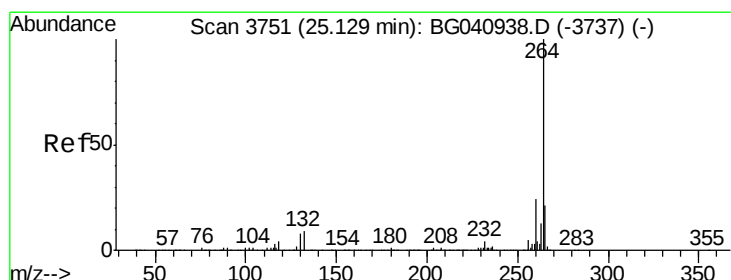
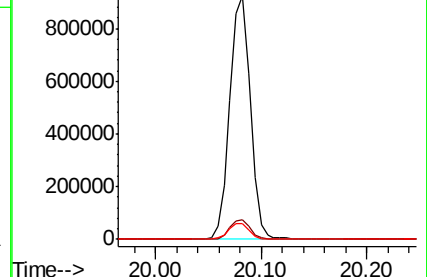
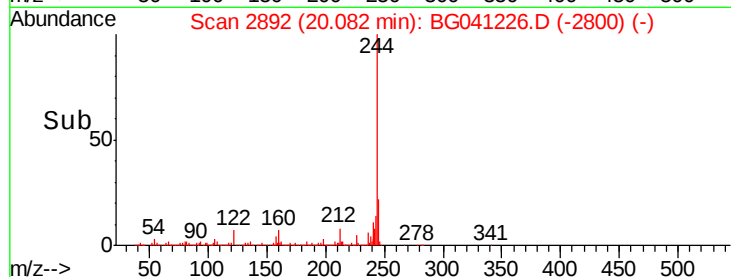
122 6.5 5.4 8.0



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: 25.11 min Scan# 3748

Delta R.T. 0.03 min

Lab File: BG041226.D

Acq: 13 Jun 2019 11:29

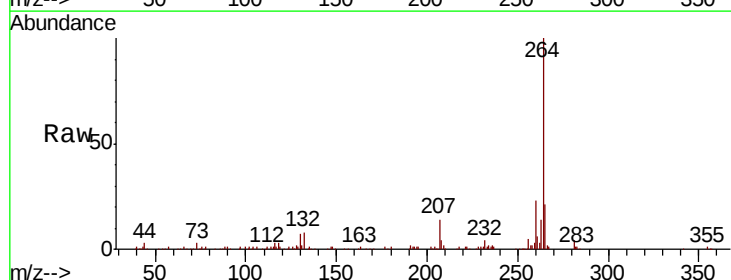
Tgt Ion:264 Resp: 237772

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.4

265 21.0 17.0 25.4



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

