

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
 Data File : BG041118.D
 Acq On : 8 Jun 2019 4:07
 Operator : HP/JU
 Sample : PB120423TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120423TB

Quant Time: Jun 08 18:15:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 08 17:33:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	46285	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	191124	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	150851	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	373765	20.00	ng	0.00
76) Chrysene-d12	21.75	240	379236	20.00	ng	0.00
87) Perylene-d12	25.07	264	396247	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	319819	124.60	ng	0.00
7) Phenol-d6	7.25	99	478623	120.74	ng	0.00
23) Nitrobenzene-d5	9.28	82	325055	75.50	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	255066	113.89	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	831387	79.37	ng	0.00
79) Terphenyl-d14	20.07	244	1439302	80.55	ng	0.00

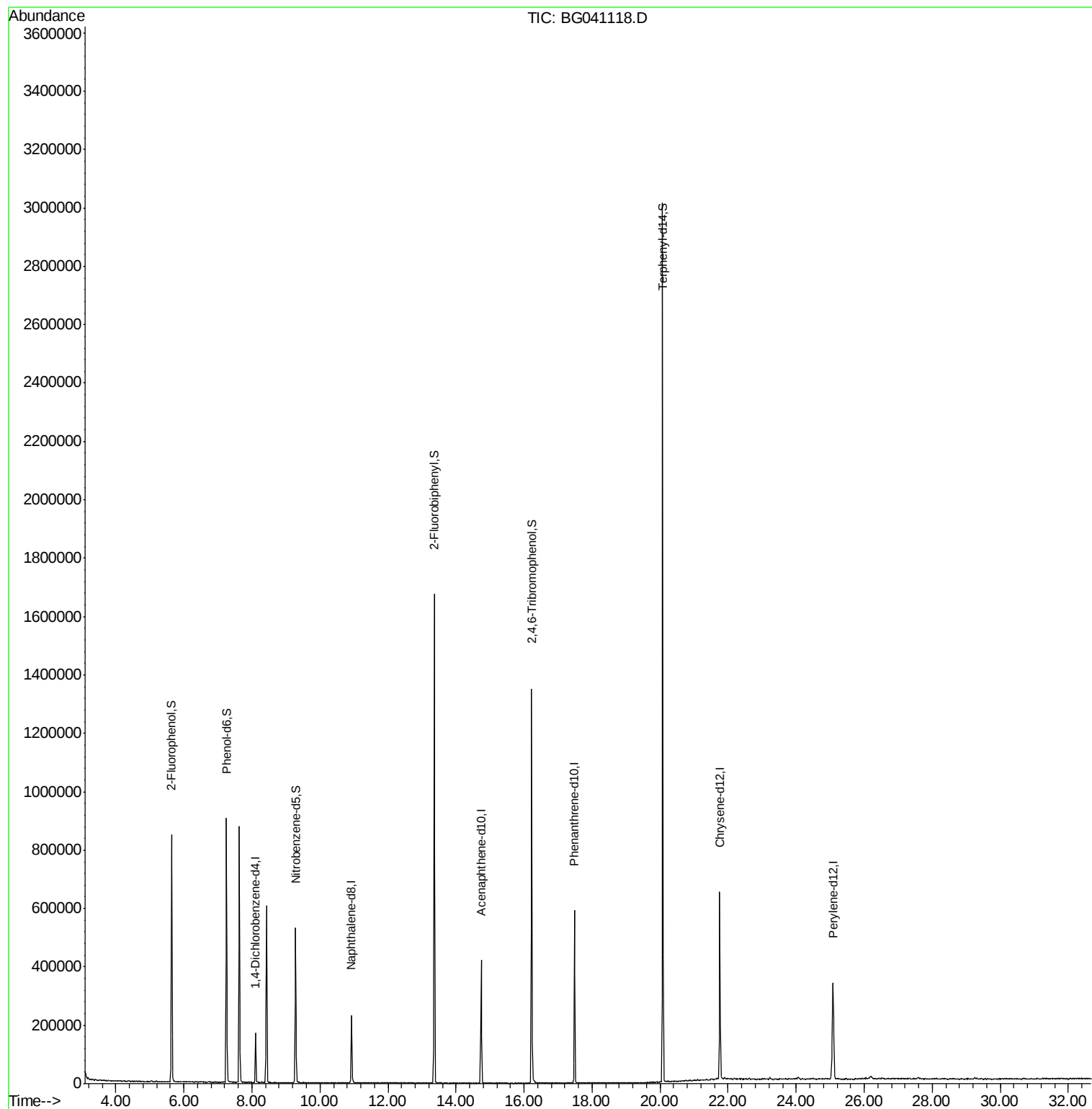
Target Compounds Qvalue

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

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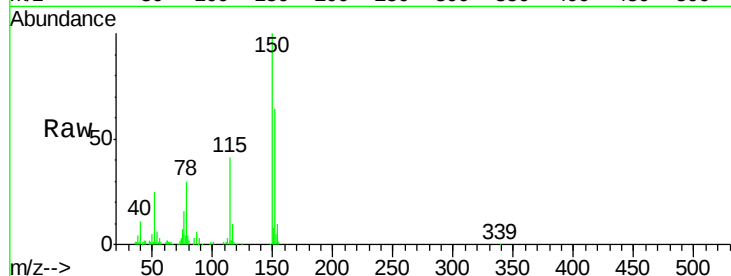


#1

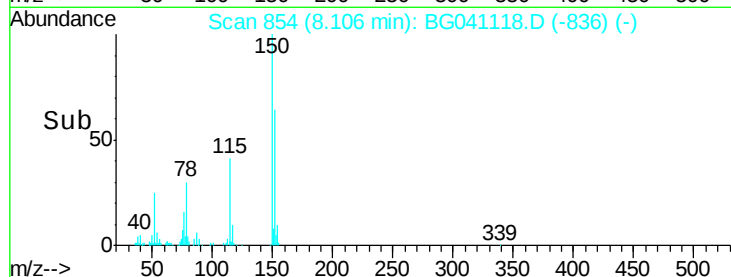
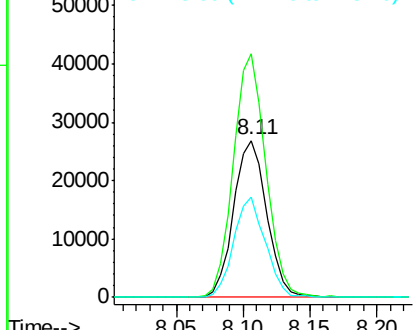
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041118.D
Acq: 8 Jun 2019 4:07

Instrument :
BNA_G
ClientSampled :
PB120423TB

Tot Ion:152 Resp: 46285
Ion Ratio Lower Upper
152 100
150 155.5 111.7 167.5
115 63.7 48.6 73.0



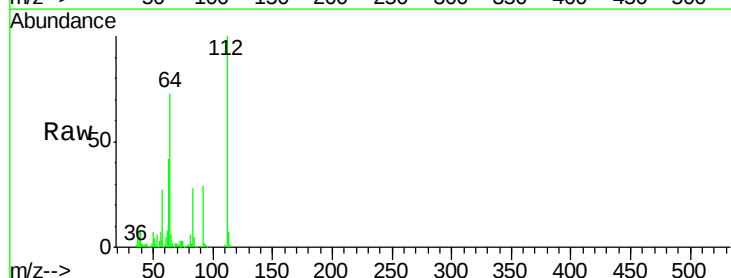
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



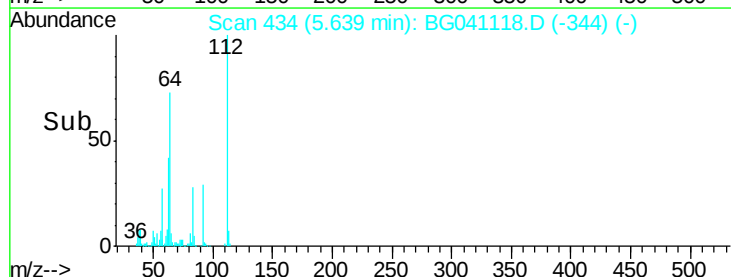
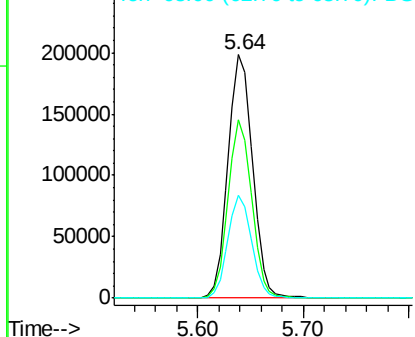
#5

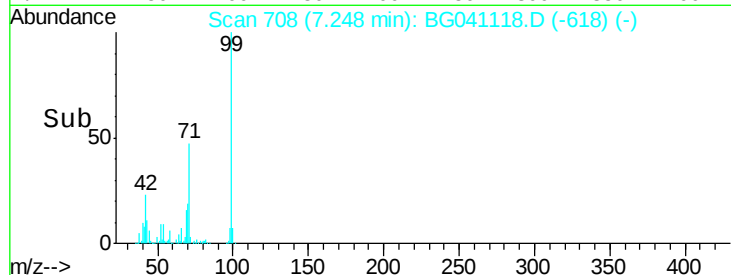
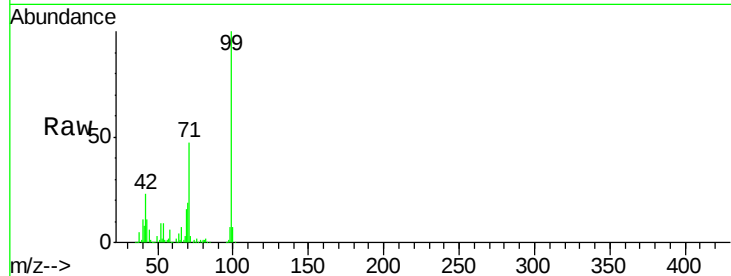
2-Fluorophenol
Concen: 124.598 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.00 min
Lab File: BG041118.D
Acq: 8 Jun 2019 4:07

Tgt Ion:112 Resp: 319819
Ion Ratio Lower Upper
112 100
64 73.2 54.5 81.7
63 42.2 32.2 48.2



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: 120.737 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG041118.D

Acq: 8 Jun 2019 4:07

Instrument :

BNA_G

ClientSampleId :

PB120423TB

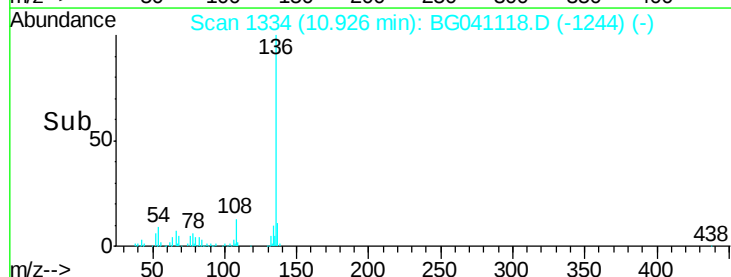
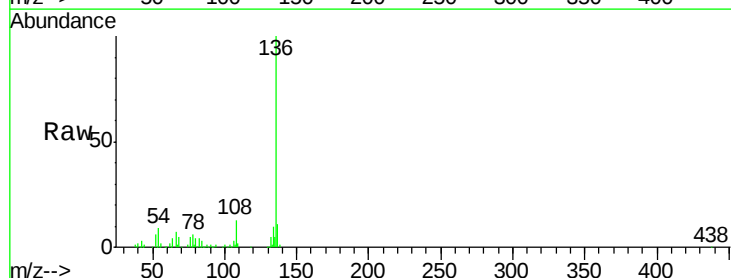
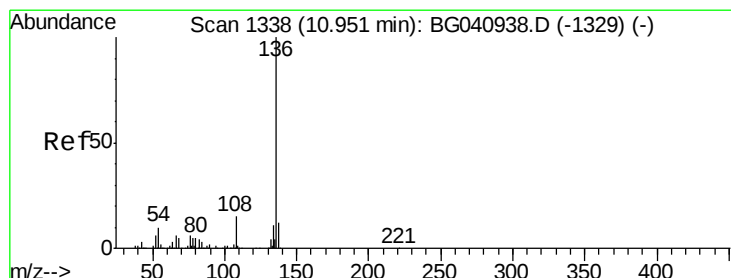
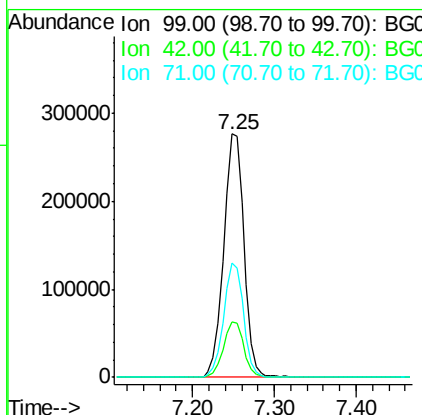
Tot Ion: 99 Resp: 478623

Ion Ratio Lower Upper

99 100

42 22.9 18.8 28.2

71 46.9 35.6 53.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BG041118.D

Acq: 8 Jun 2019 4:07

Tgt Ion: 136 Resp: 191124

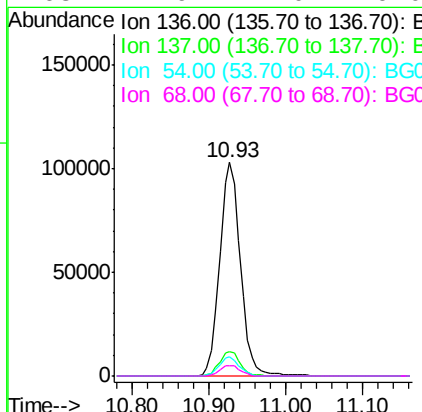
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.2 7.4 11.2

68 4.9 4.0 6.0

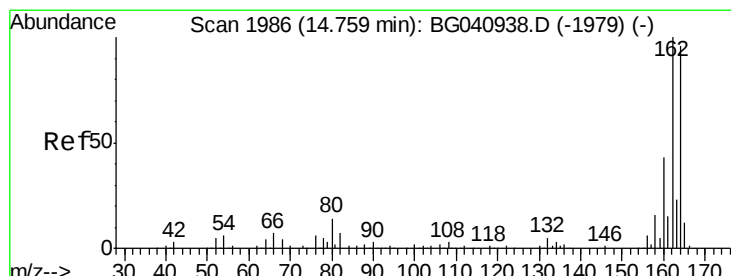
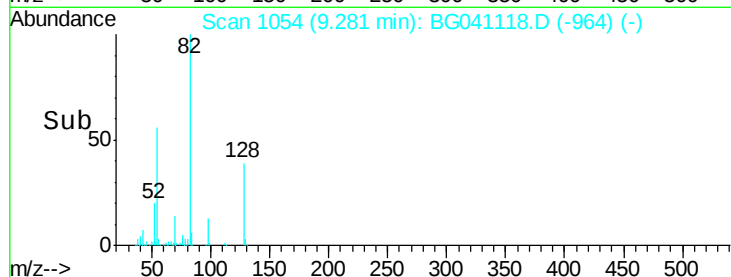
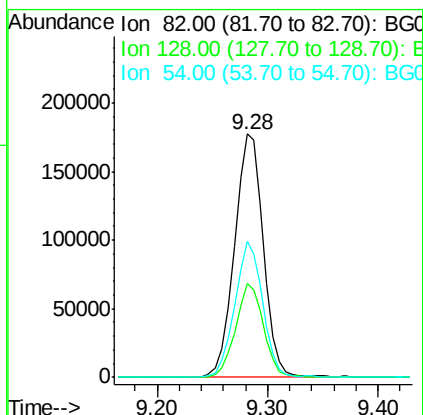
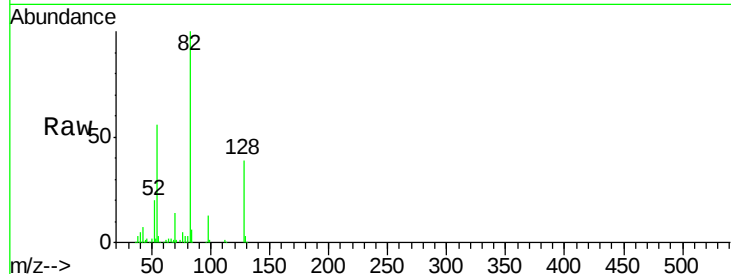




#23
Nitrobenzene-d5
Concen: 75.503 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG041118.D
Acq: 8 Jun 2019 4:07

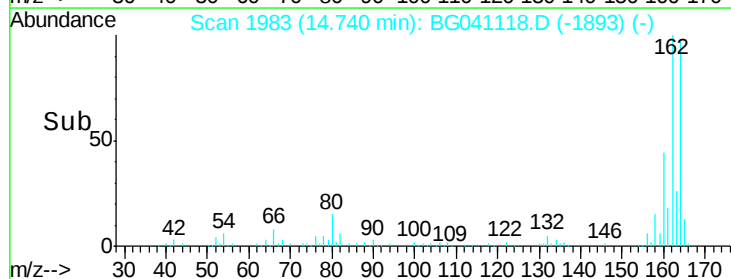
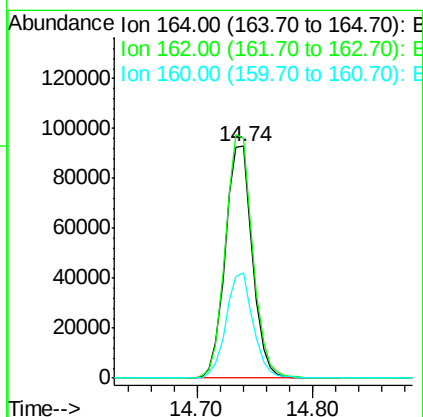
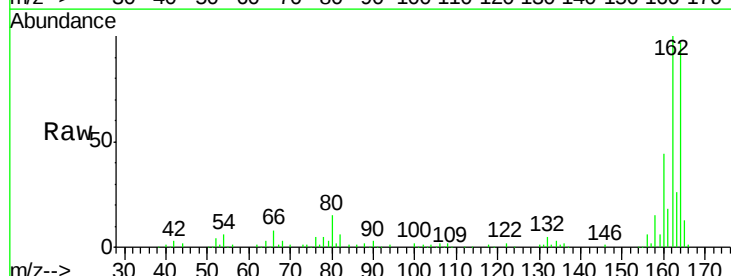
Instrument :
BNA_G
ClientSampleId :
PB120423TB

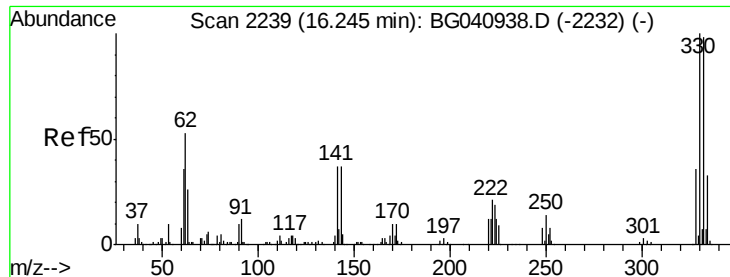
Tot Ion	82	Resp	325055
Ion Ratio	Lower	Upper	
82	100		
128	38.5	29.8	44.6
54	55.9	43.6	65.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG041118.D
Acq: 8 Jun 2019 4:07

Tgt Ion	164	Resp	150851
Ion Ratio	Lower	Upper	
164	100		
162	103.5	85.4	128.0
160	45.4	37.1	55.7

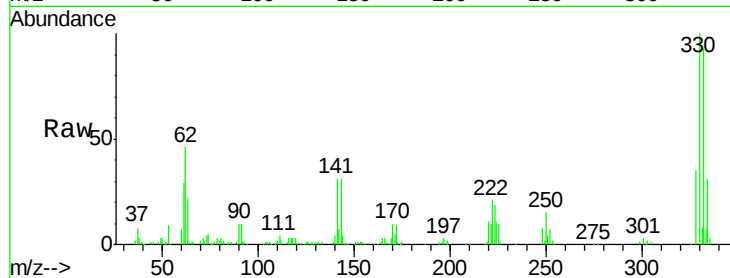




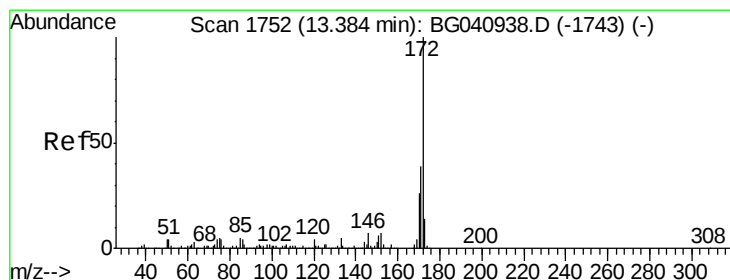
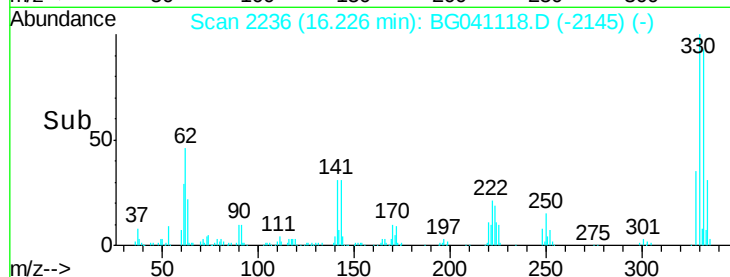
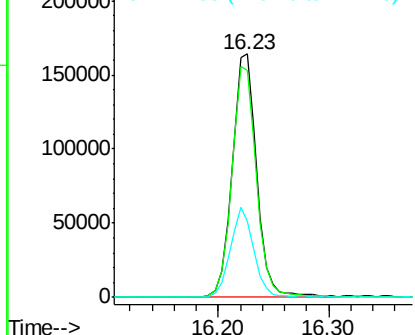
#42
 2,4,6-Tribromophenol
 Concen: 113.895 ng
 RT: 16.23 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BG041118.D
 Acq: 8 Jun 2019 4:07

Instrument :
 BNA_G
 ClientSampleId :
 PB120423TB

Tot Ion:330 Resp: 255066
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.9 116.9
 141 35.3 29.0 43.4

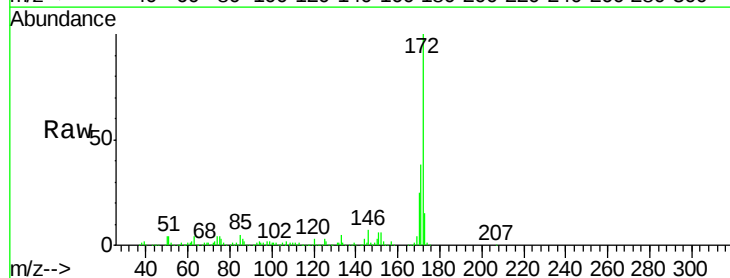


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

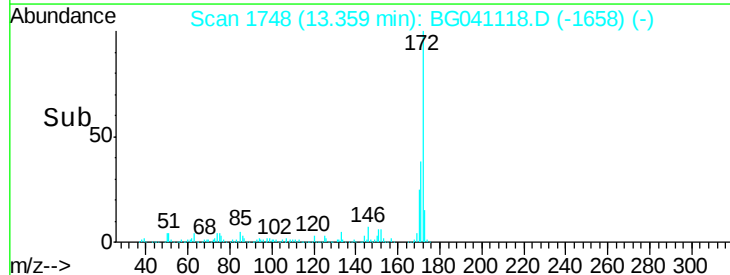
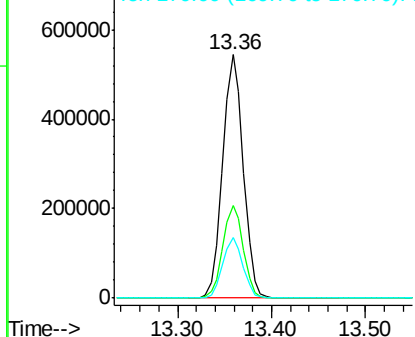


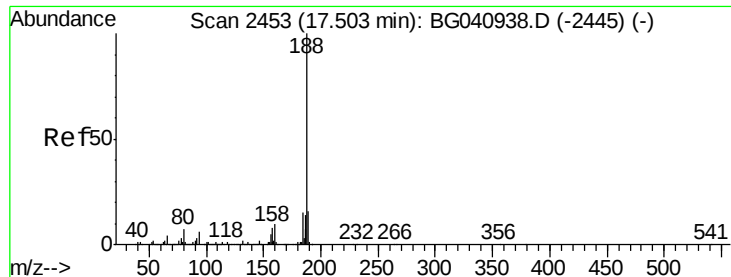
#45
 2-Fluorobiphenyl
 Concen: 79.369 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG041118.D
 Acq: 8 Jun 2019 4:07

Tgt Ion:172 Resp: 831387
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.8 46.2
 170 24.7 21.3 31.9



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# 2450

Delta R.T. 0.00 min

Lab File: BG041118.D

Acq: 8 Jun 2019 4:07

Instrument :

BNA_G

ClientSampleId :

PB120423TB

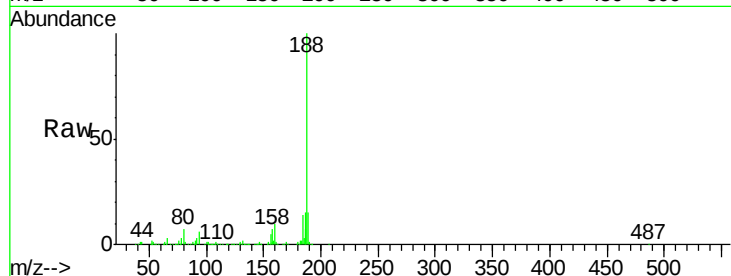
Tot Ion:188 Resp: 373765

Ion Ratio Lower Upper

188 100

94 5.6 4.6 7.0

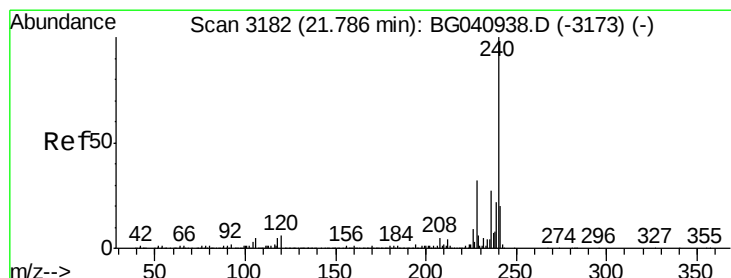
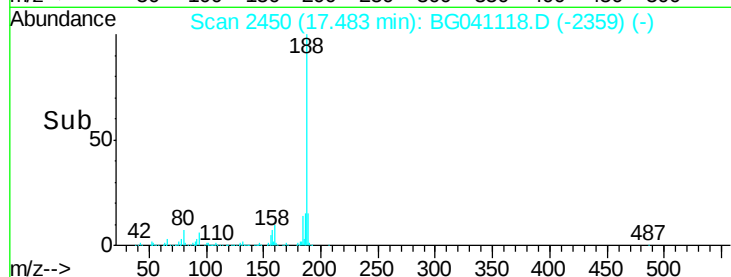
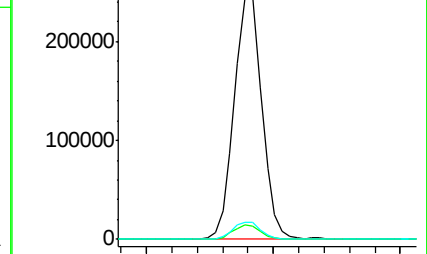
80 6.7 5.8 8.8



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: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG041118.D

Acq: 8 Jun 2019 4:07

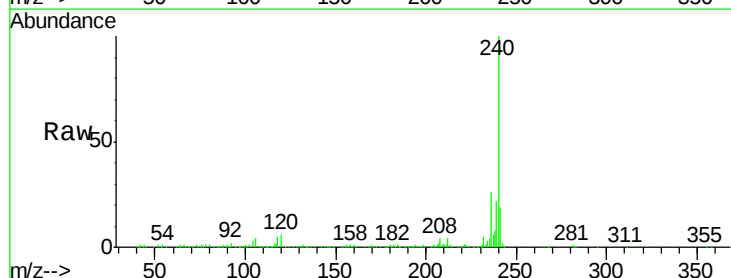
Tgt Ion:240 Resp: 379236

Ion Ratio Lower Upper

240 100

120 5.7 4.6 6.8

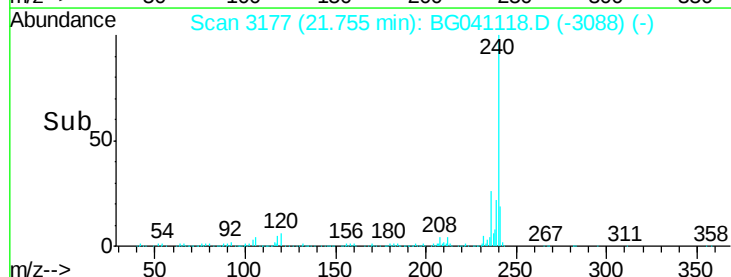
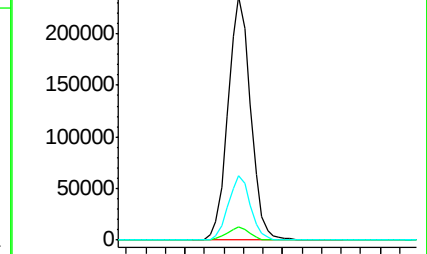
236 26.4 20.6 31.0

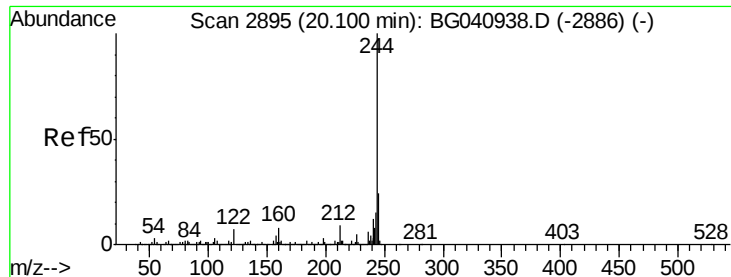


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.549 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.00 min

Lab File: BG041118.D

Acq: 8 Jun 2019 4:07

Instrument :

BNA_G

ClientSampleId :

PB120423TB

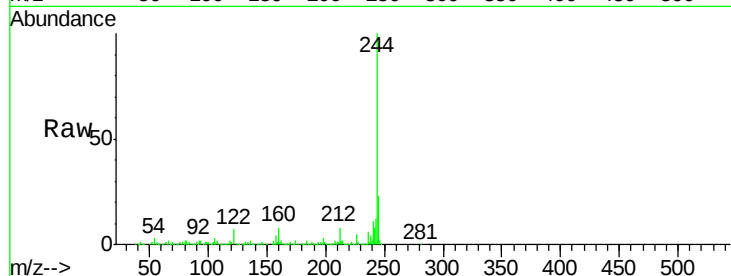
Tot Ion:244 Resp: 1439302

Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

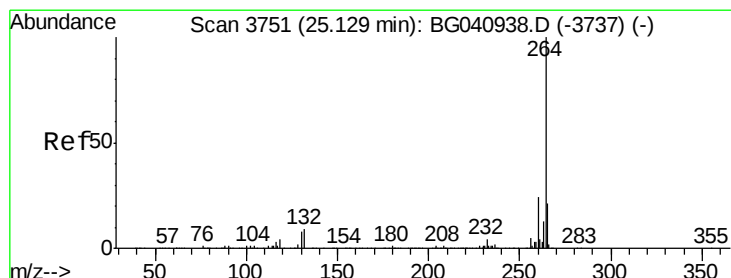
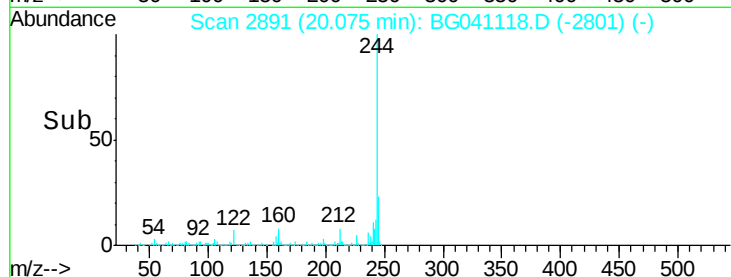
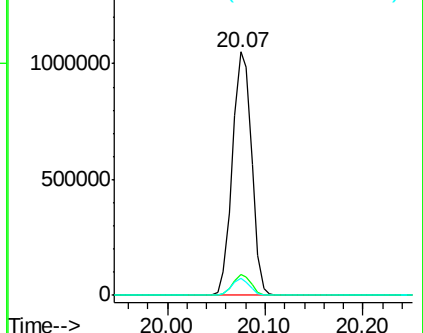
122 7.2 5.4 8.0



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: 25.07 min Scan# 3742

Delta R.T. -0.01 min

Lab File: BG041118.D

Acq: 8 Jun 2019 4:07

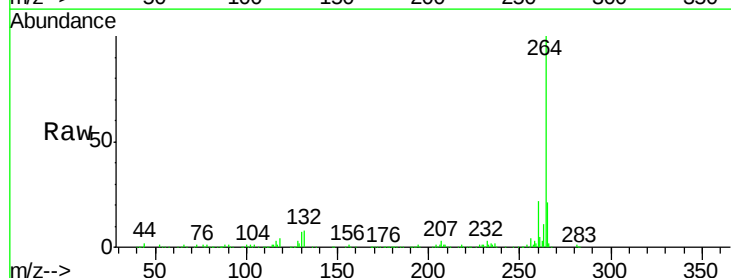
Tgt Ion:264 Resp: 396247

Ion Ratio Lower Upper

264 100

260 21.5 19.1 28.7

265 20.6 17.6 26.4



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

