

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
 Data File : BG038320.D
 Acq On : 4 Dec 2018 4:14
 Operator : JU/SJ
 Sample : J6160-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT

Quant Time: Dec 04 06:36:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	18635	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	81888	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	57486	20.00	ng	-0.01
64) Phenanthrene-d10	17.46	188	172363	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	194202	20.00	ng	-0.01
87) Perylene-d12	25.06	264	204327	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	127270	117.92	ng	-0.01
7) Phenol-d6	7.22	99	160145	103.95	ng	0.00
23) Nitrobenzene-d5	9.25	82	134335	87.82	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	108497	165.49	ng	-0.01
45) 2-Fluorobiphenyl	13.34	172	327422	82.98	ng	-0.01
79) Terphenyl-d14	20.06	244	828012	100.32	ng	0.00

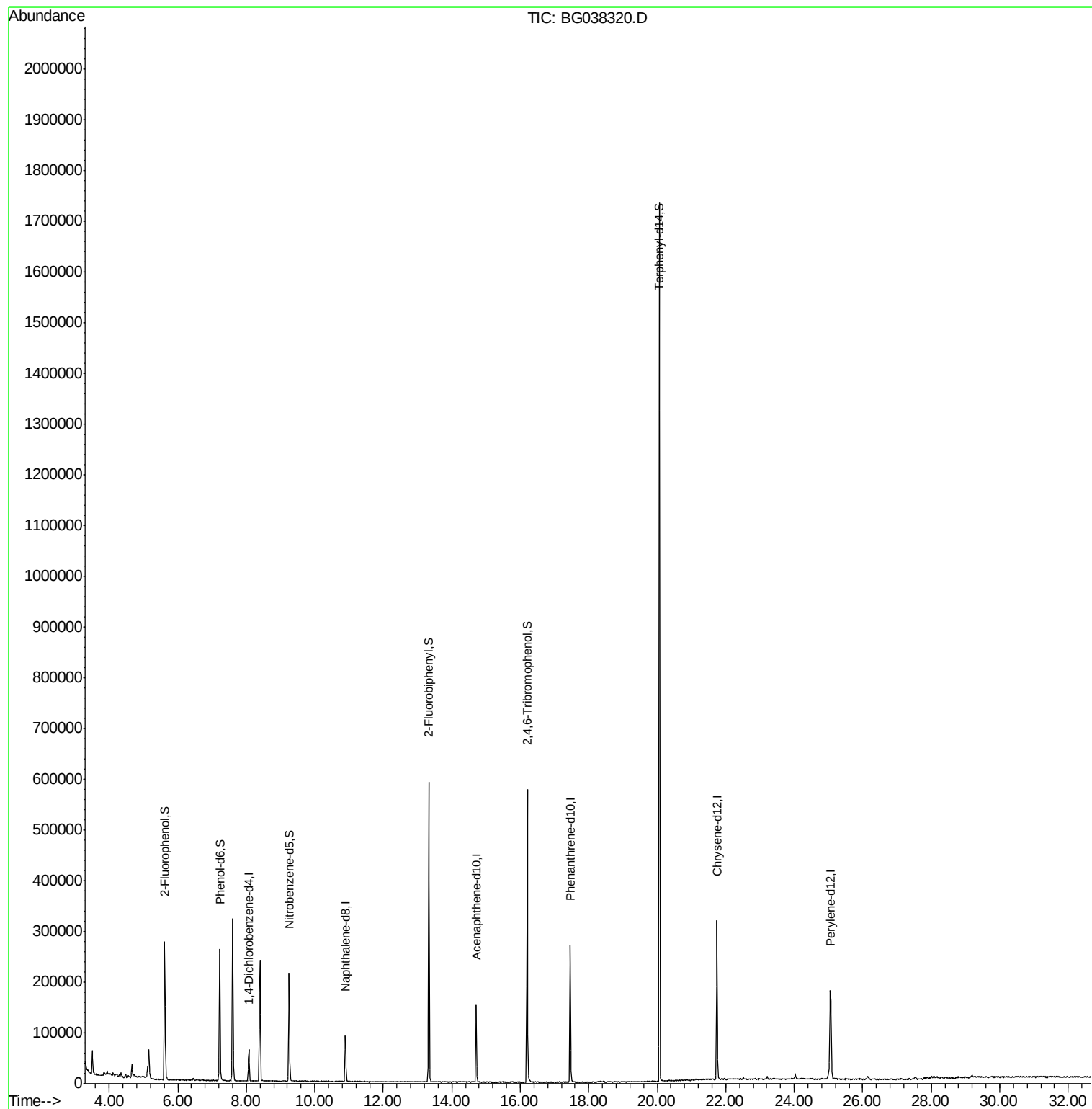
Target Compounds Qvalue

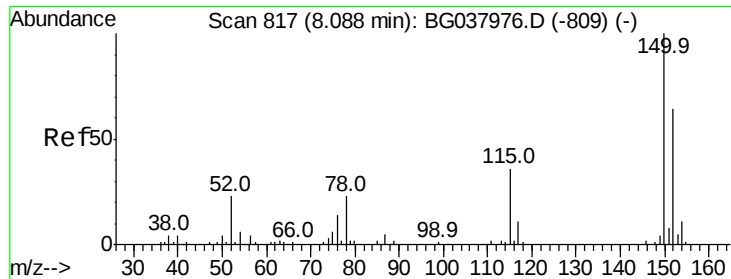
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
Data File : BG038320.D
Acq On : 4 Dec 2018 4:14
Operator : JU/SJ
Sample : J6160-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TEST-PIT

Quant Time: Dec 04 06:36:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration



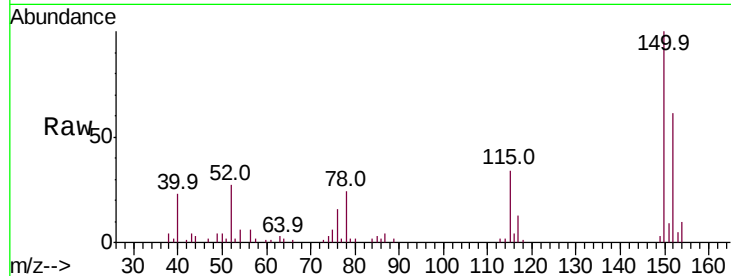


#1

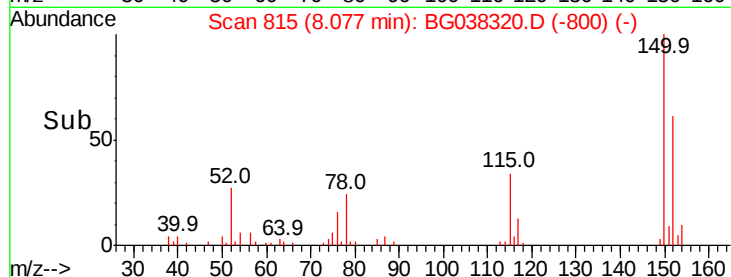
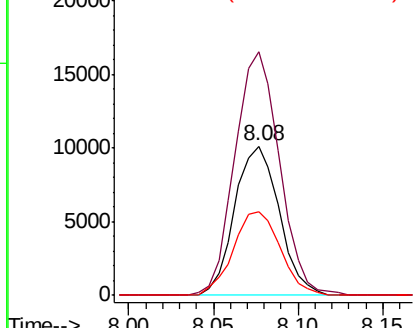
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038320.D
Acq: 4 Dec 2018 4:14

Instrument :
BNA_G
ClientSampleId :
TEST-PIT

Tot Ion:152 Resp: 18635
Ion Ratio Lower Upper
152 100
150 162.8 126.0 189.0
115 56.0 45.5 68.3



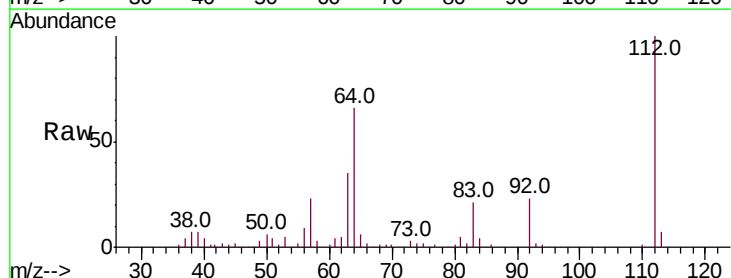
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



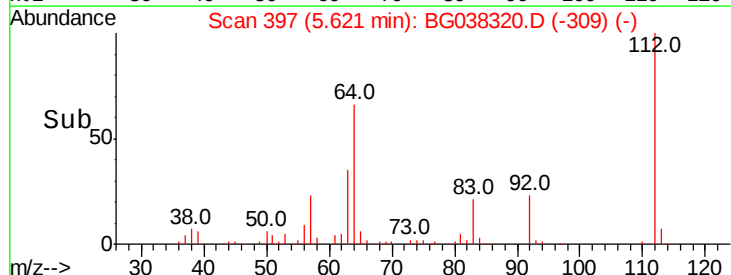
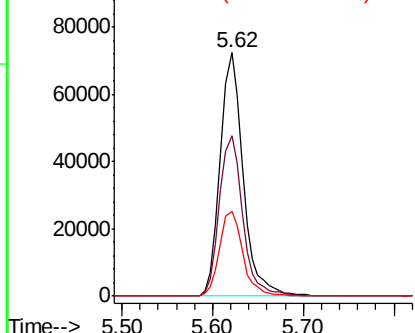
#5

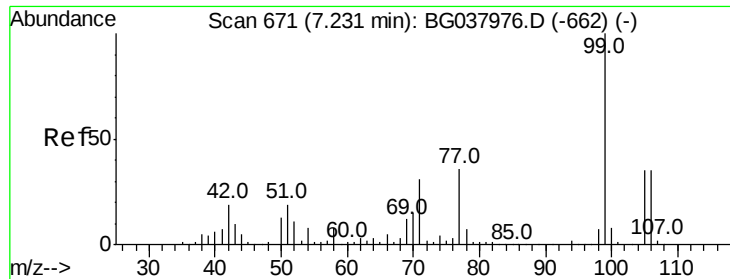
2-Fluorophenol
Concen: 117.918 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG038320.D
Acq: 4 Dec 2018 4:14

Tgt Ion:112 Resp: 127270
Ion Ratio Lower Upper
112 100
64 65.7 53.1 79.7
63 34.7 27.3 40.9



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: 103.946 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038320.D

Acq: 4 Dec 2018 4:14

Instrument :

BNA_G

ClientSampled :

TEST-PIT

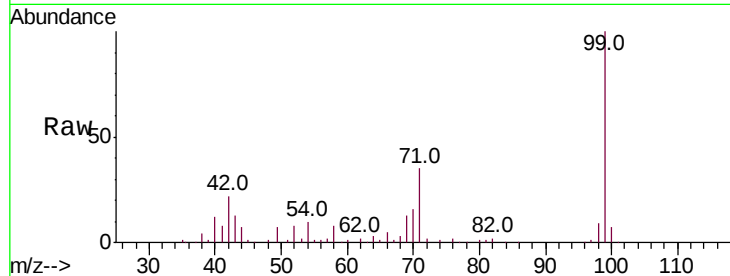
Tot Ion: 99 Resp: 160145

Ion Ratio Lower Upper

99 100

42 22.3 15.0 22.4

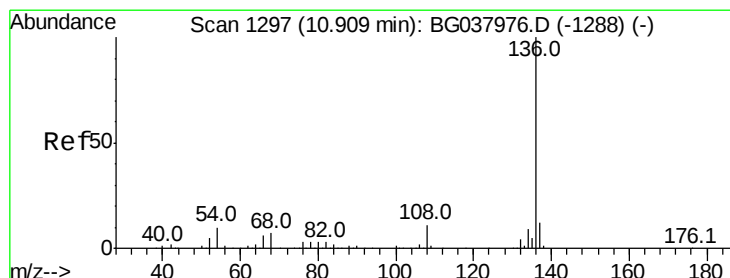
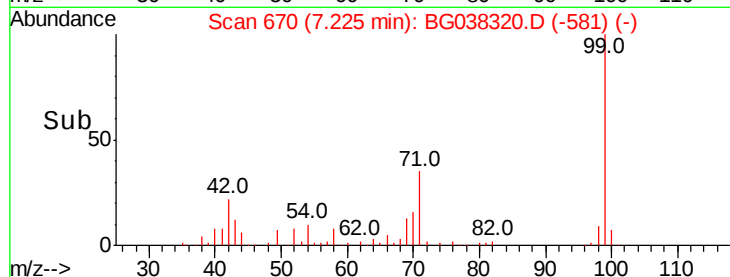
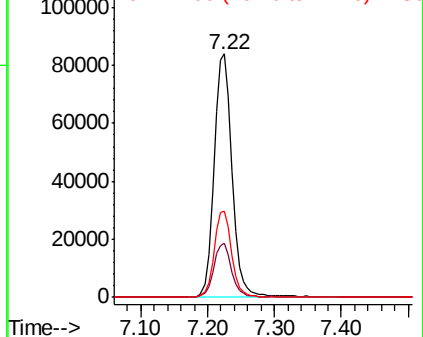
71 35.1 25.5 38.3



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: 10.90 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG038320.D

Acq: 4 Dec 2018 4:14

Tgt Ion: 136 Resp: 81888

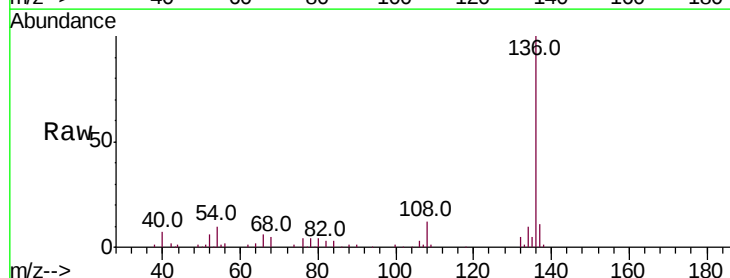
Ion Ratio Lower Upper

136 100

137 11.2 9.6 14.4

54 10.0 7.9 11.9

68 4.9 4.8 7.2

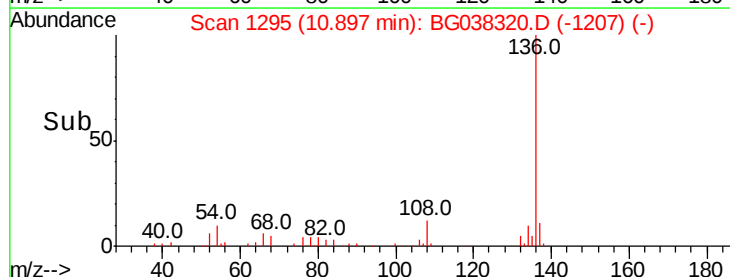
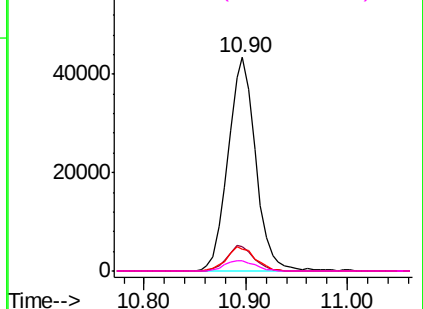


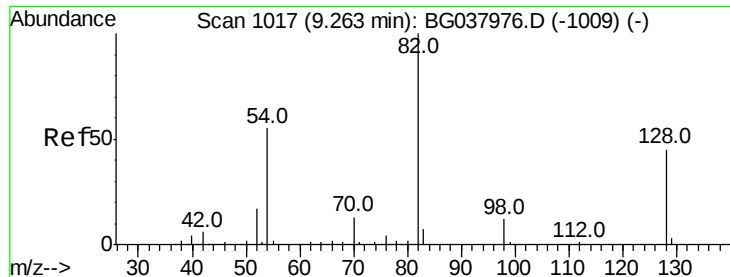
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 87.815 ng

RT: 9.25 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BG038320.D

Acq: 4 Dec 2018 4:14

Instrument :

BNA_G

ClientSampleId :

TEST-PIT

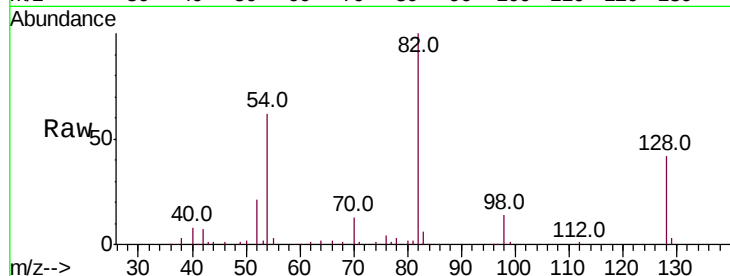
Tot Ion: 82 Resp: 134335

Ion Ratio Lower Upper

82 100

128 41.6 34.6 51.8

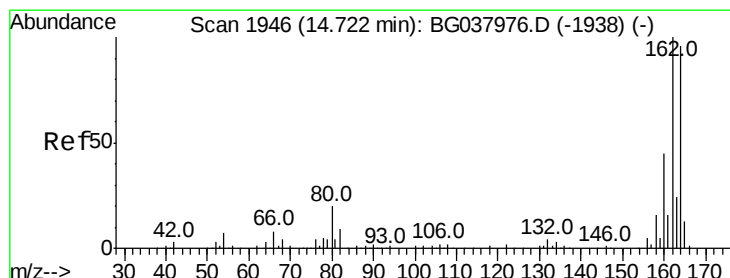
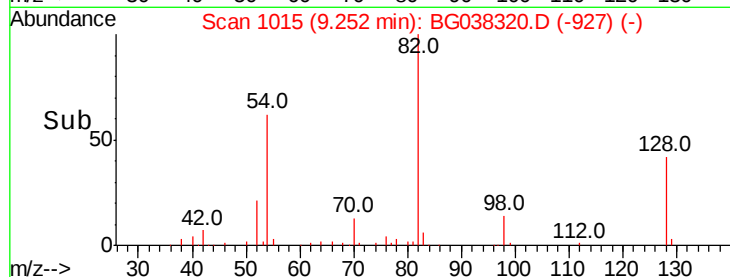
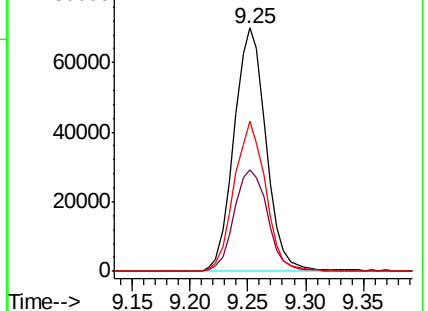
54 61.6 45.3 67.9



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: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG038320.D

Acq: 4 Dec 2018 4:14

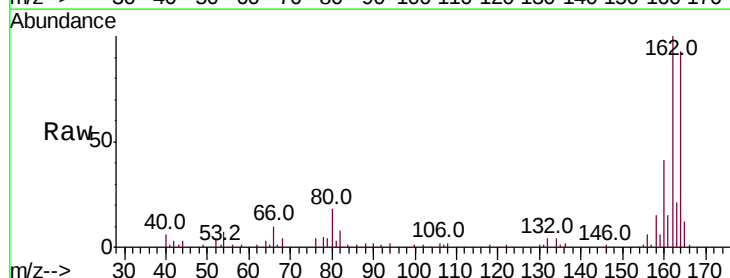
Tgt Ion: 164 Resp: 57486

Ion Ratio Lower Upper

164 100

162 107.5 81.3 121.9

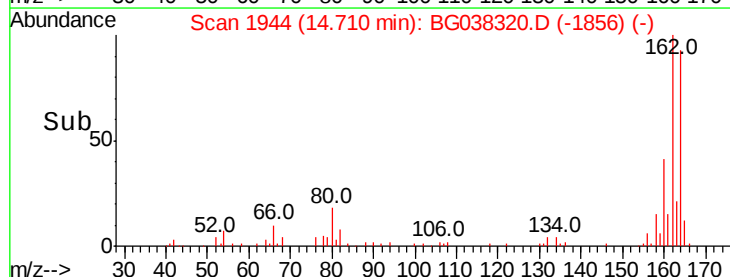
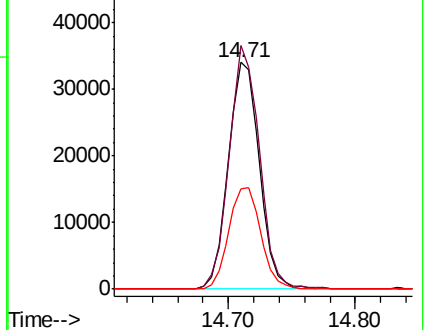
160 44.1 36.3 54.5



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

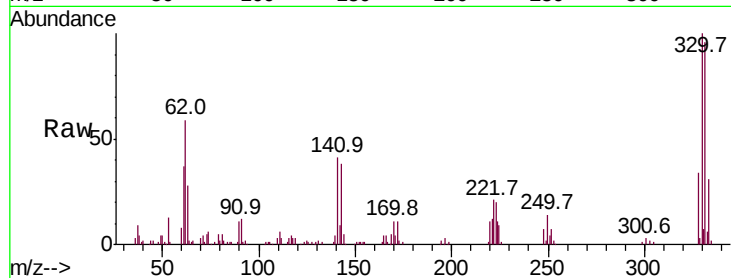




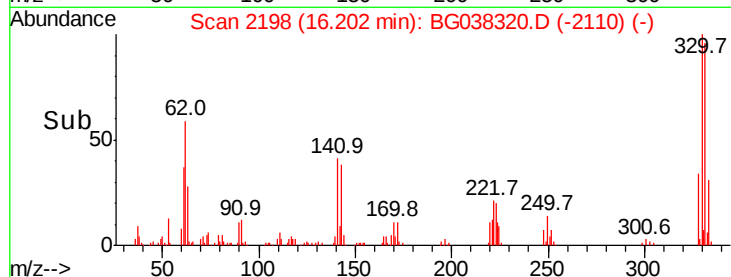
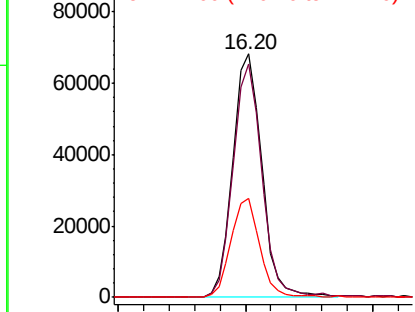
#42
 2,4,6-Tribromophenol
 Concen: 165.489 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG038320.D
 Acq: 4 Dec 2018 4:14

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT

Tot Ion:330 Resp: 108497
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.4 117.6
 141 40.4 32.2 48.2

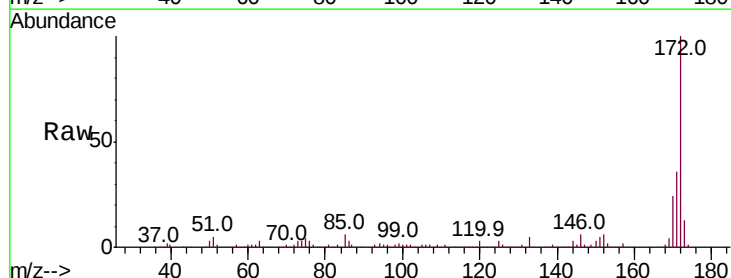


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

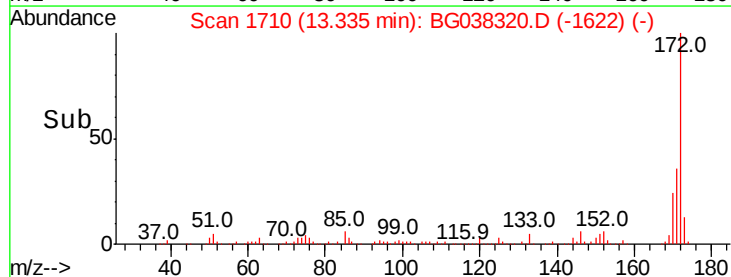
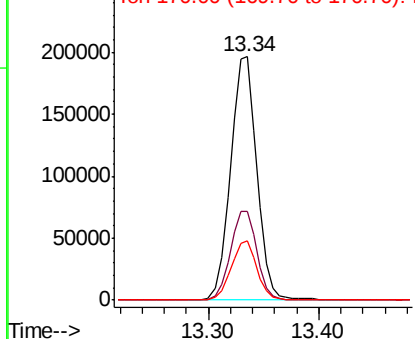


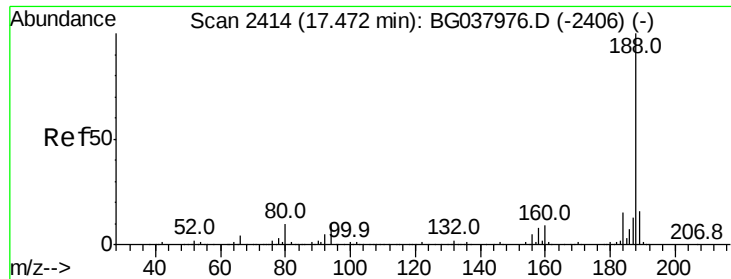
#45
 2-Fluorobiphenyl
 Concen: 82.978 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038320.D
 Acq: 4 Dec 2018 4:14

Tgt Ion:172 Resp: 327422
 Ion Ratio Lower Upper
 172 100
 171 36.3 31.0 46.4
 170 24.5 20.2 30.2



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: 17.46 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BG038320.D

Acq: 4 Dec 2018 4:14

Instrument :

BNA_G

ClientSampleId :

TEST-PIT

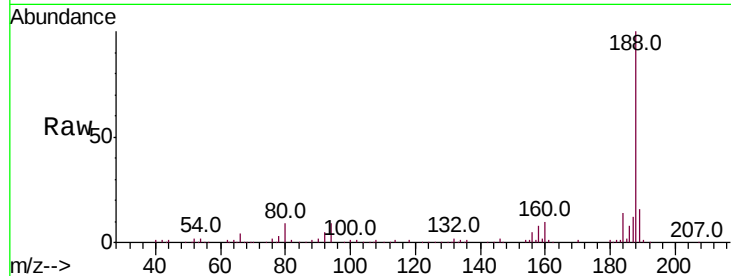
Tot Ion:188 Resp: 172363

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

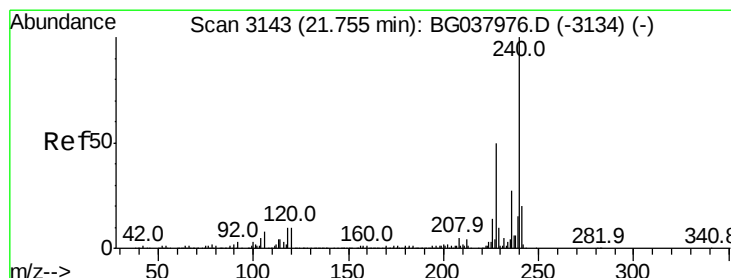
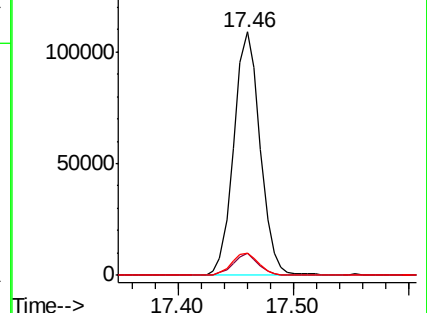
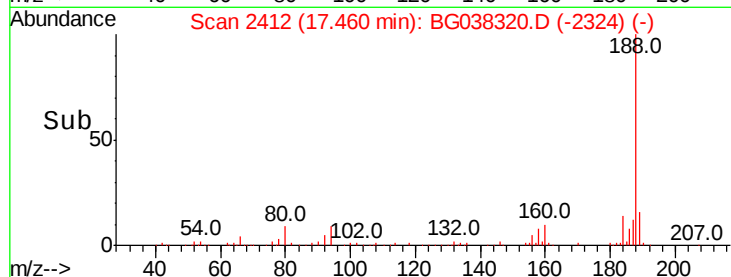
80 9.3 7.7 11.5



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: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG038320.D

Acq: 4 Dec 2018 4:14

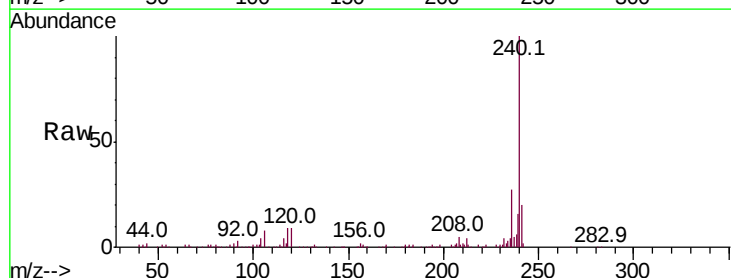
Tgt Ion:240 Resp: 194202

Ion Ratio Lower Upper

240 100

120 8.8 8.1 12.1

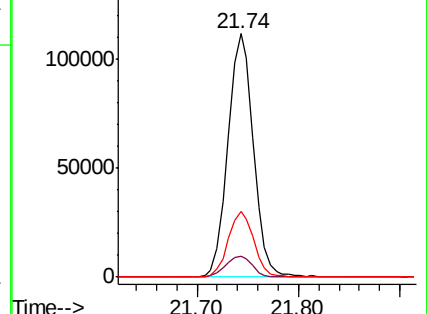
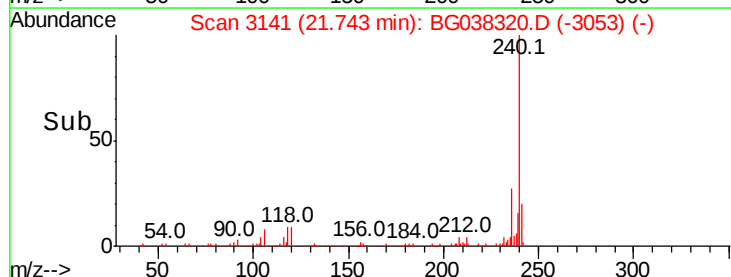
236 26.8 21.4 32.0



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: 100.324 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038320.D

Acq: 4 Dec 2018 4:14

Instrument :

BNA_G

ClientSampleId :

TEST-PIT

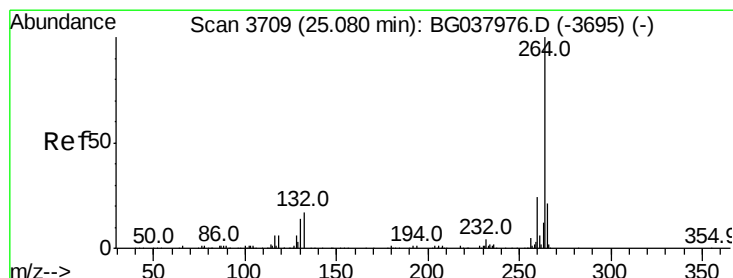
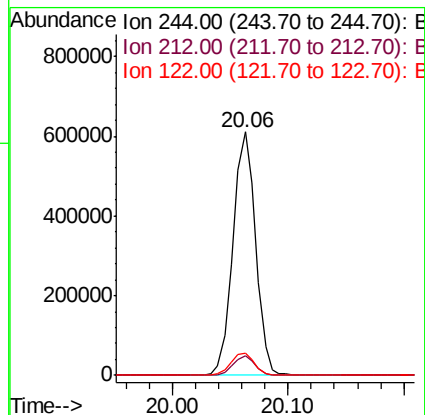
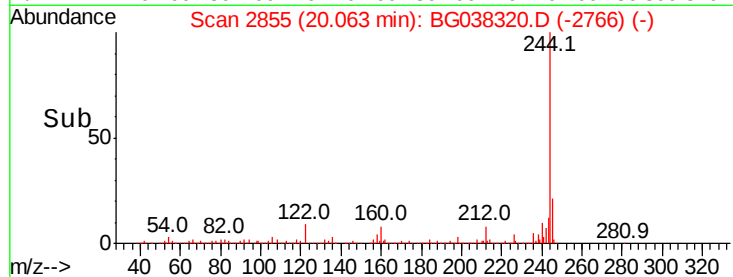
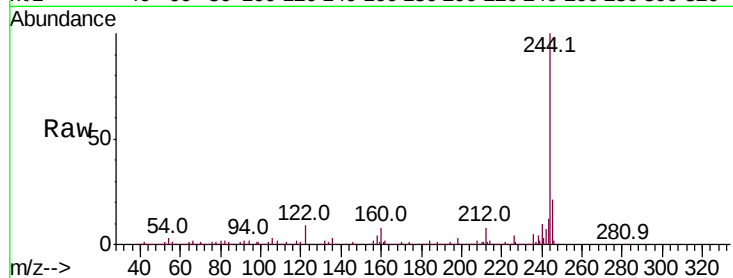
Tot Ion:244 Resp: 828012

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 9.3 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3705

Delta R.T. -0.02 min

Lab File: BG038320.D

Acq: 4 Dec 2018 4:14

Tgt Ion:264 Resp: 204327

Ion Ratio Lower Upper

264 100

260 22.3 18.2 27.4

265 21.7 17.9 26.9

