

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112918\
 Data File : BG038250.D
 Acq On : 30 Nov 2018 2:14
 Operator : JU/SJ
 Sample : PB115166TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115166TB

Quant Time: Nov 30 04:18:13 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	31607	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	138954	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	90285	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	206228	20.00	ng	0.00
76) Chrysene-d12	21.75	240	202912	20.00	ng	0.00
87) Perylene-d12	25.08	264	182511	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	257340	140.57	ng	0.00
7) Phenol-d6	7.23	99	359798	137.69	ng	0.00
23) Nitrobenzene-d5	9.26	82	224818	86.61	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	44276	43.00	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	519832	83.88	ng	0.00
79) Terphenyl-d14	20.07	244	817674	94.82	ng	0.00

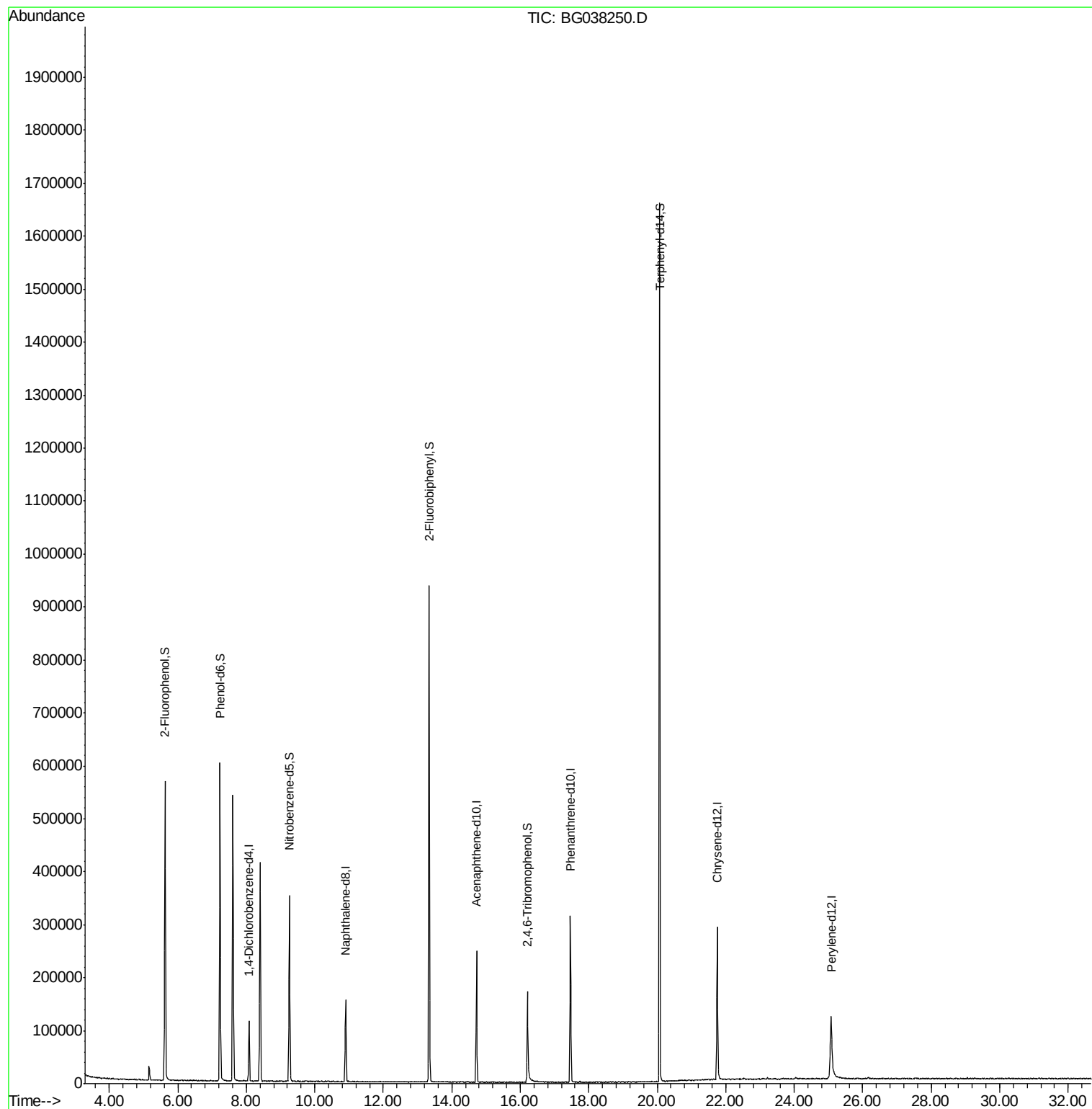
Target Compounds Qvalue

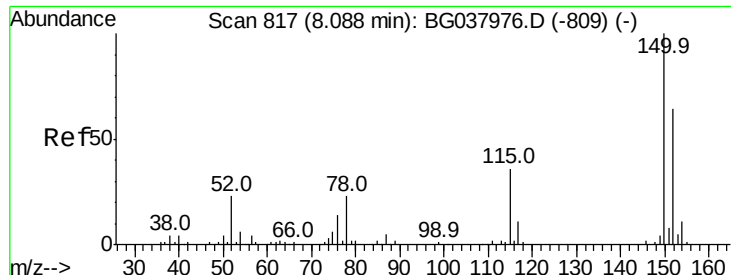
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112918\
Data File : BG038250.D
Acq On : 30 Nov 2018 2:14
Operator : JU/SJ
Sample : PB115166TB
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115166TB

Quant Time: Nov 30 04:18:13 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



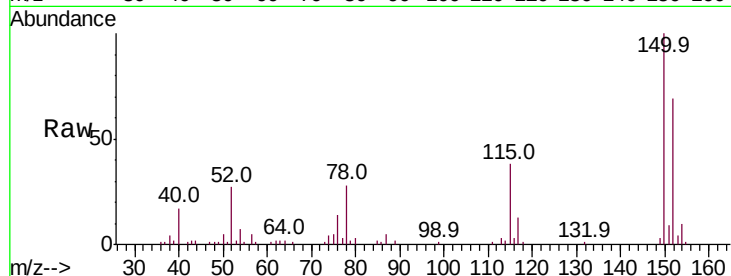


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038250.D
Acq: 30 Nov 2018 2:14

Instrument :
BNA_G
ClientSampleId :
PB115166TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.4	126.0	189.0
115	55.6	45.5	68.3

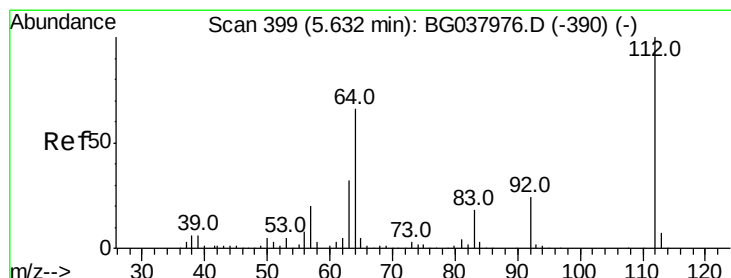
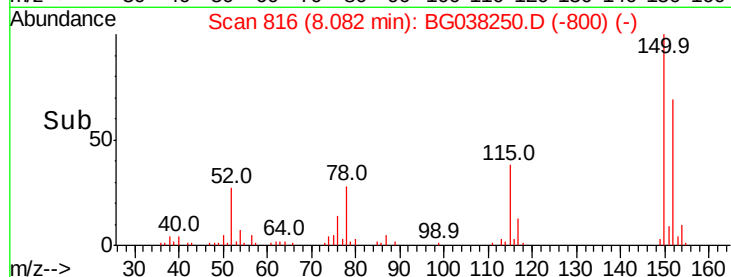
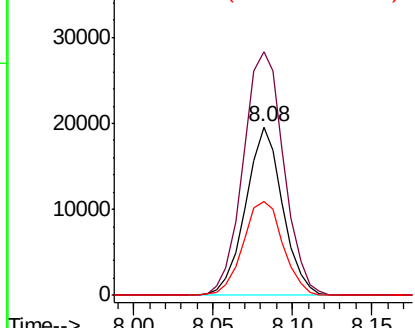


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

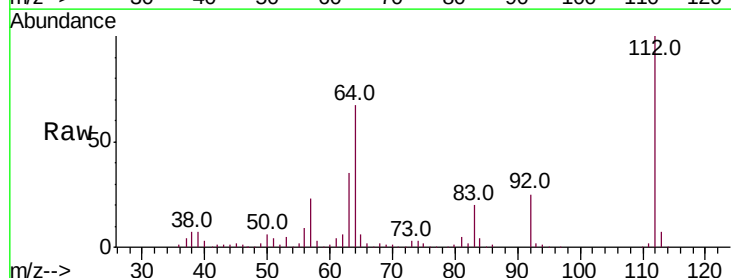
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 140.575 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038250.D
Acq: 30 Nov 2018 2:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	53.1	79.7
63	34.7	27.3	40.9

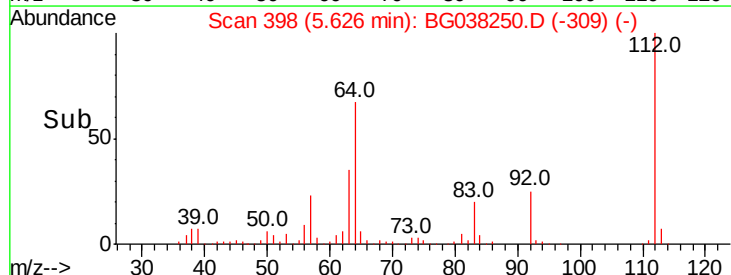
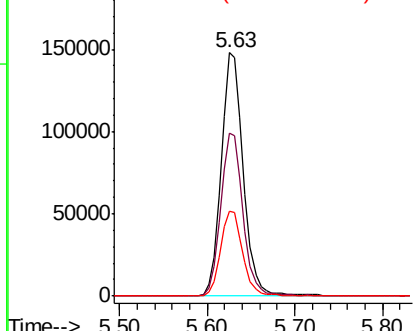


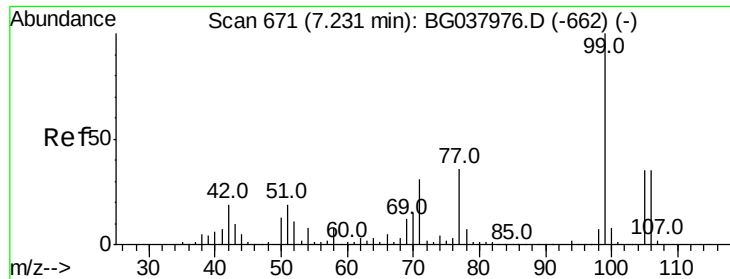
Abundance

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: 137.689 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038250.D

Acq: 30 Nov 2018 2:14

Instrument :

BNA_G

ClientSampleId :

PB115166TB

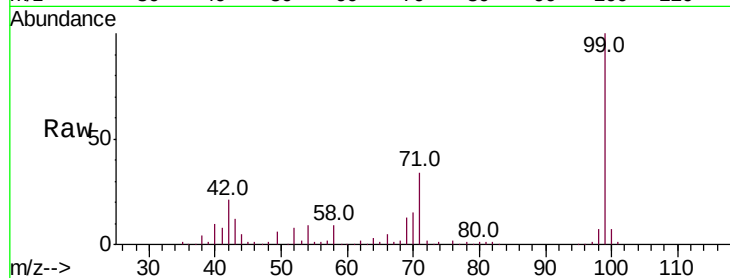
Tot Ion: 99 Resp: 359798

Ion Ratio Lower Upper

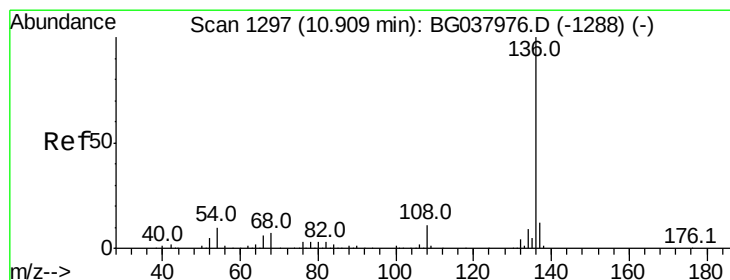
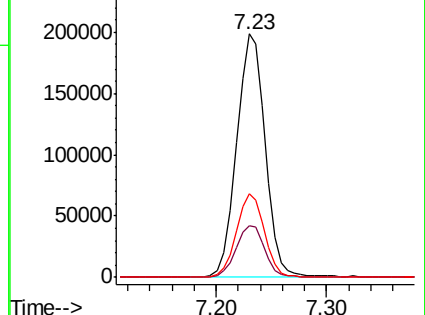
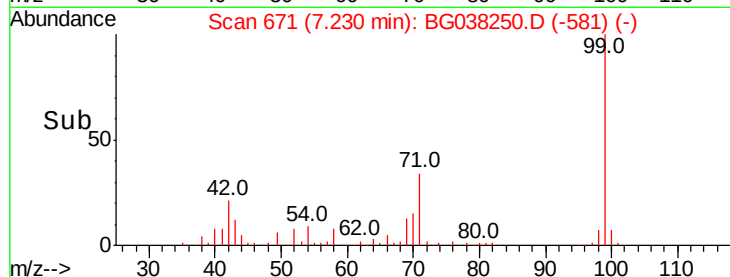
99 100

42 21.1 15.0 22.4

71 34.1 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# 1296

Delta R.T. -0.01 min

Lab File: BG038250.D

Acq: 30 Nov 2018 2:14

Tgt Ion: 136 Resp: 138954

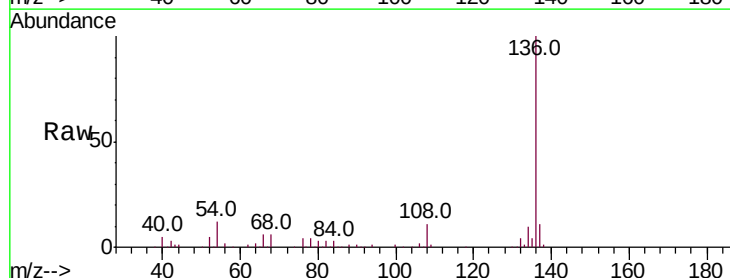
Ion Ratio Lower Upper

136 100

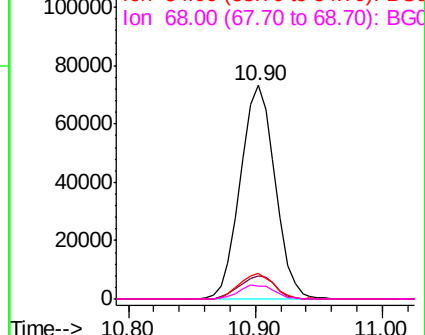
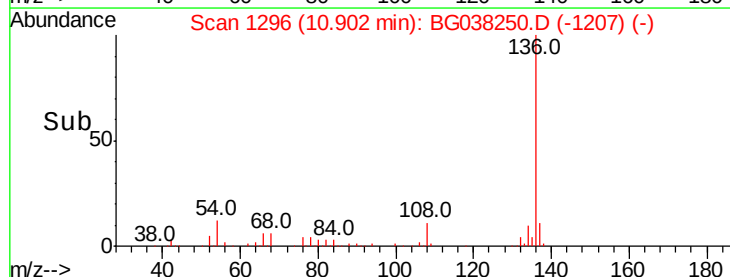
137 10.7 9.6 14.4

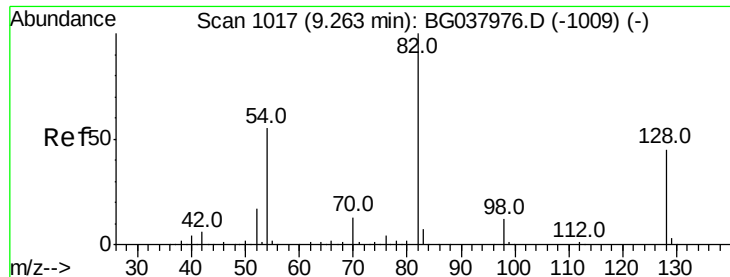
54 12.3 7.9 11.9#

68 5.8 4.8 7.2



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: 86.608 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BG038250.D

Acq: 30 Nov 2018 2:14

Instrument :

BNA_G

ClientSampleId :

PB115166TB

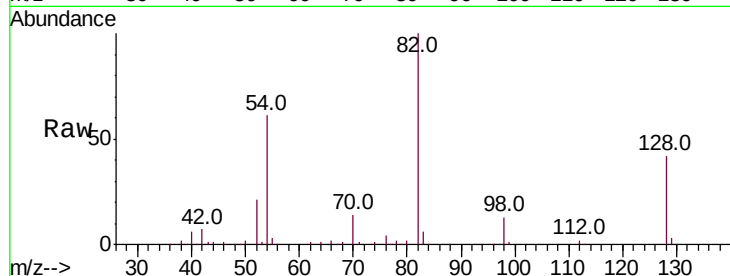
Tot Ion: 82 Resp: 224818

Ion Ratio Lower Upper

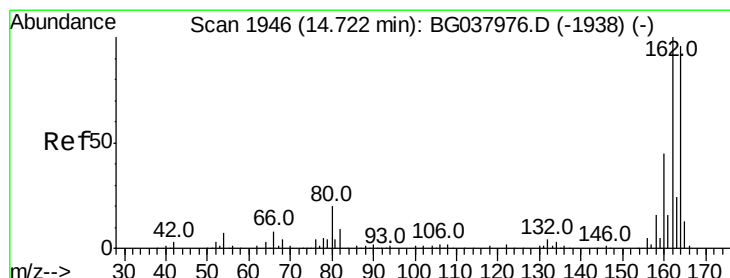
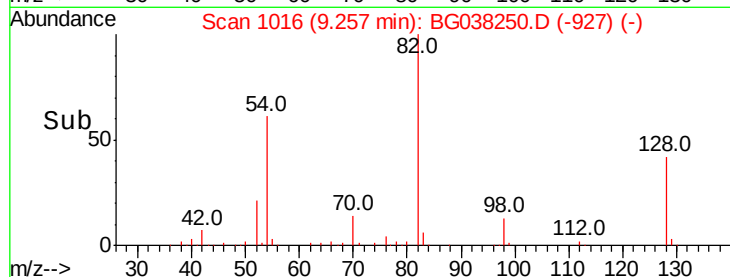
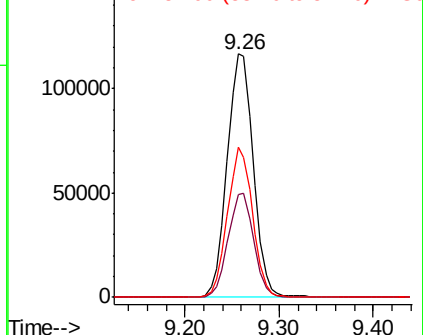
82 100

128 42.2 34.6 51.8

54 61.5 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: 14.72 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG038250.D

Acq: 30 Nov 2018 2:14

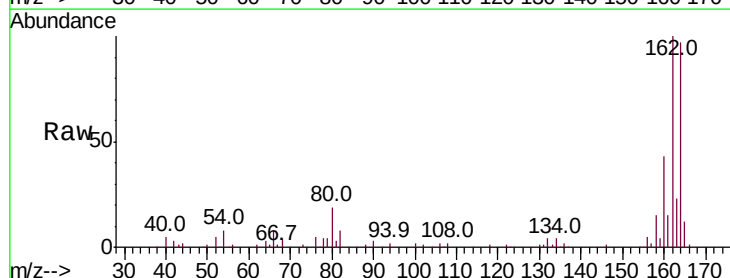
Tgt Ion: 164 Resp: 90285

Ion Ratio Lower Upper

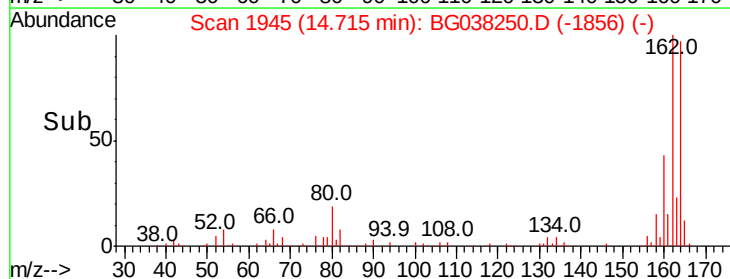
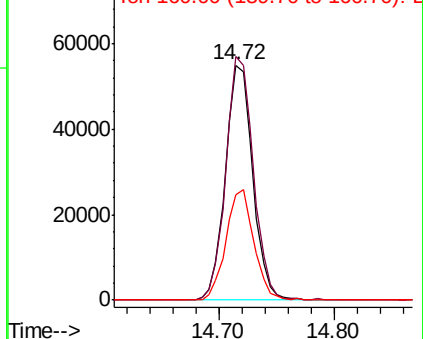
164 100

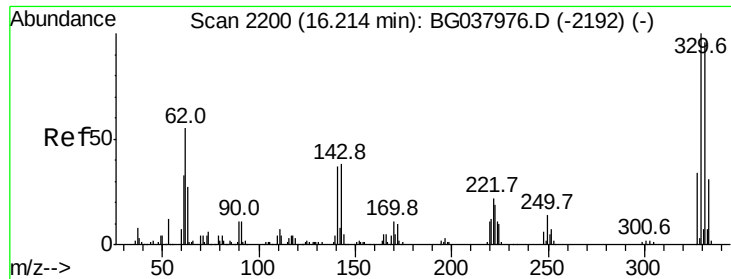
162 103.6 81.3 121.9

160 44.8 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

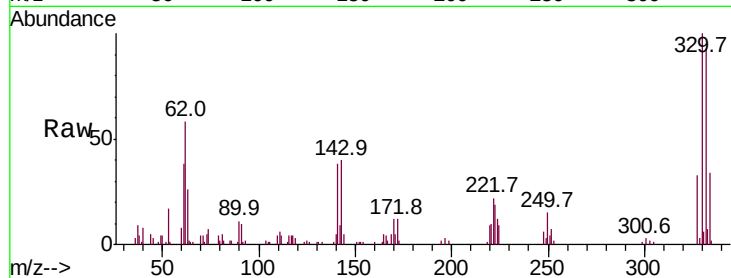




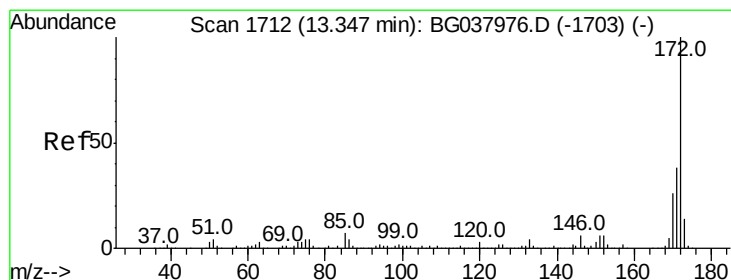
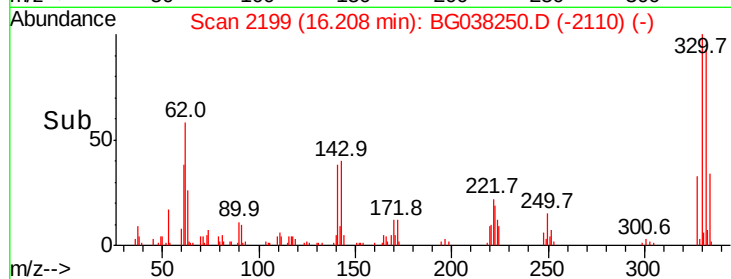
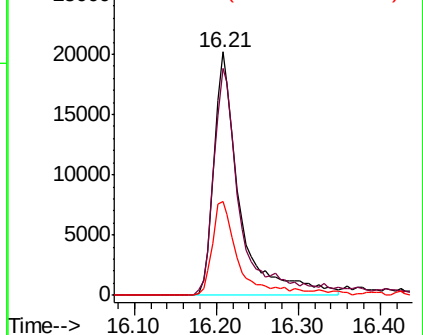
#42
 2,4,6-Tribromophenol
 Concen: 43.000 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038250.D
 Acq: 30 Nov 2018 2:14

Instrument :
 BNA_G
 ClientSampled :
 PB115166TB

Tot Ion:330 Resp: 44276
 Ion Ratio Lower Upper
 330 100
 332 94.0 78.4 117.6
 141 38.9 32.2 48.2

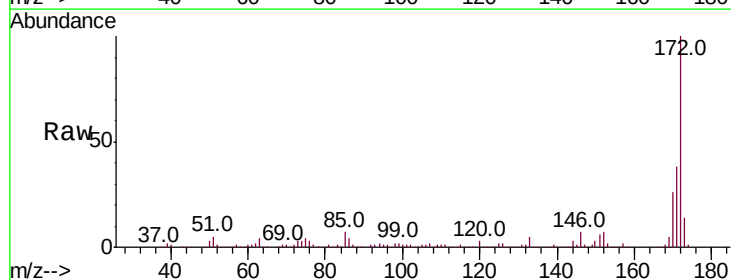


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

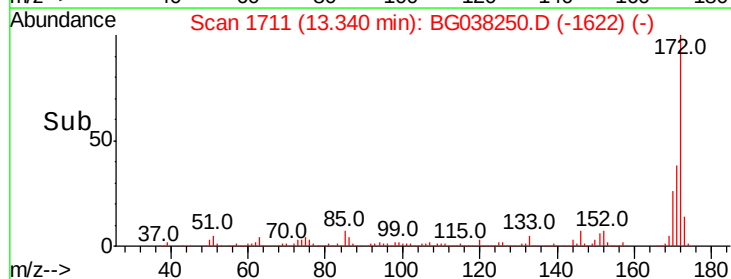
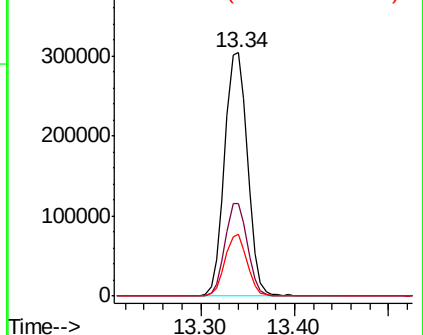


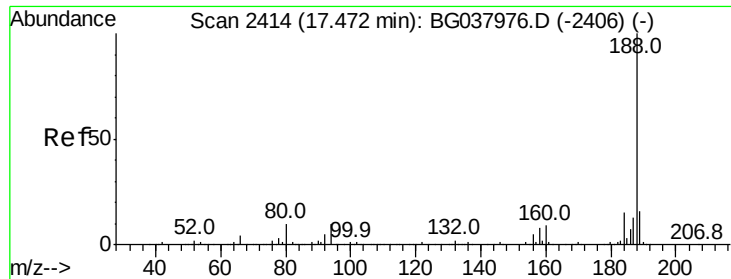
#45
 2-Fluorobiphenyl
 Concen: 83.881 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038250.D
 Acq: 30 Nov 2018 2:14

Tgt Ion:172 Resp: 519832
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.0 46.4
 170 25.7 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

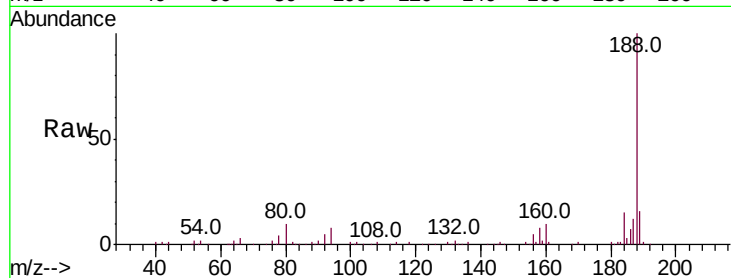




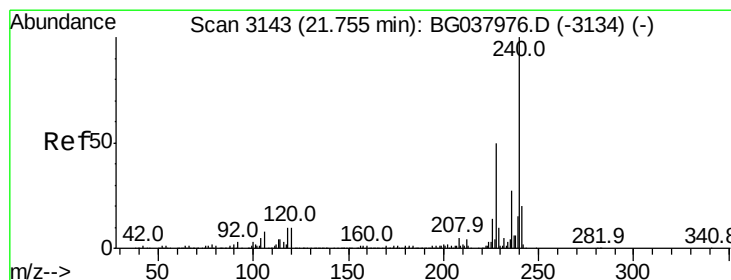
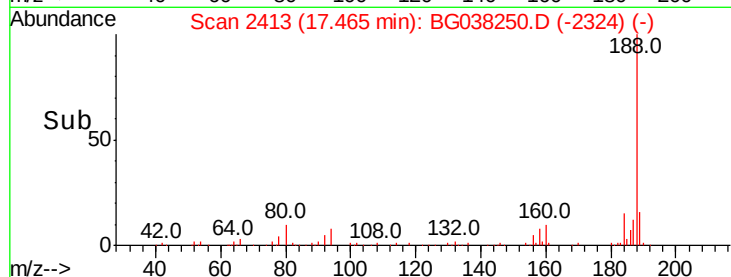
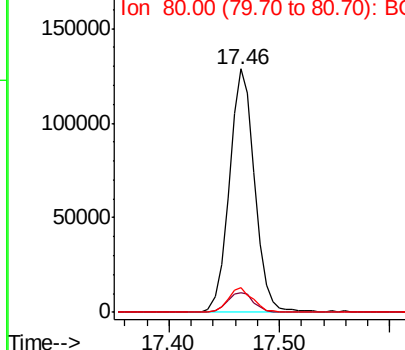
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038250.D
Acq: 30 Nov 2018 2:14

Instrument :
BNA_G
ClientSampleId :
PB115166TB

Tot Ion:188 Resp: 206228
Ion Ratio Lower Upper
188 100
94 7.8 7.2 10.8
80 10.3 7.7 11.5

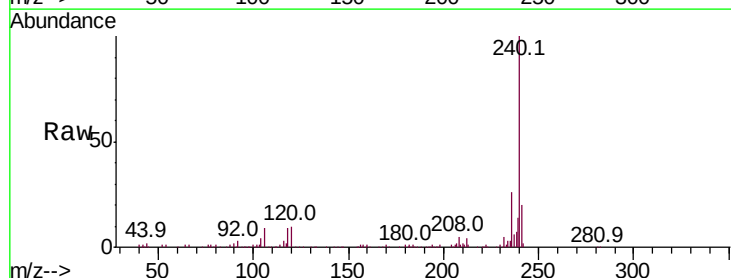


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

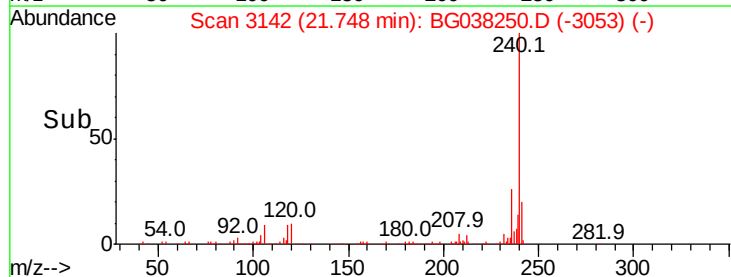
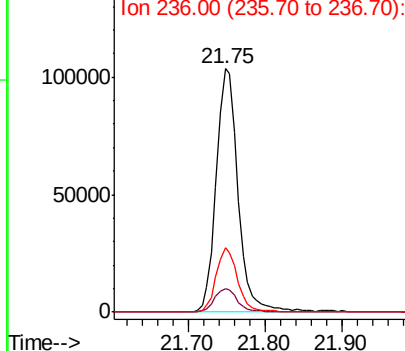


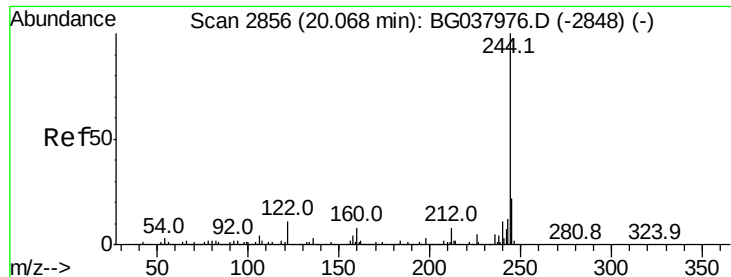
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038250.D
Acq: 30 Nov 2018 2:14

Tgt Ion:240 Resp: 202912
Ion Ratio Lower Upper
240 100
120 9.7 8.1 12.1
236 26.3 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: 94.819 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038250.D

Acq: 30 Nov 2018 2:14

Instrument :

BNA_G

ClientSampleId :

PB115166TB

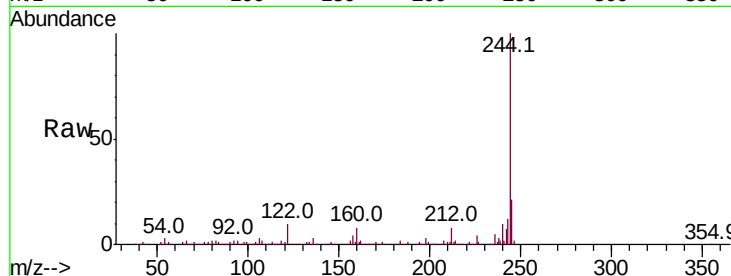
Tot Ion:244 Resp: 817674

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

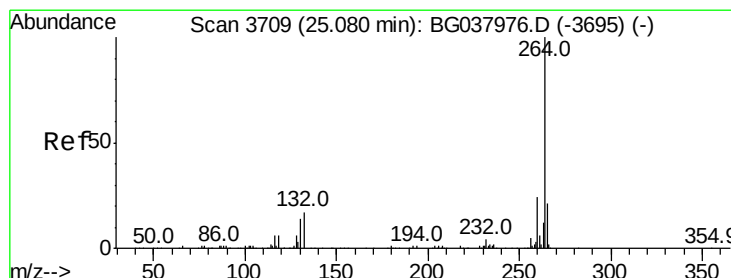
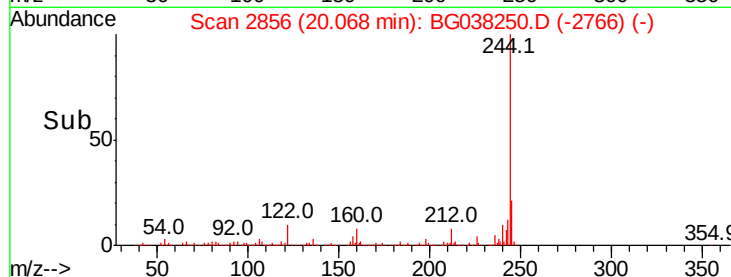
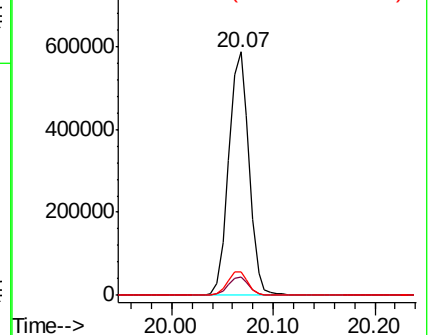
122 9.7 9.0 13.4



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: 25.08 min Scan# 3709

Delta R.T. -0.00 min

Lab File: BG038250.D

Acq: 30 Nov 2018 2:14

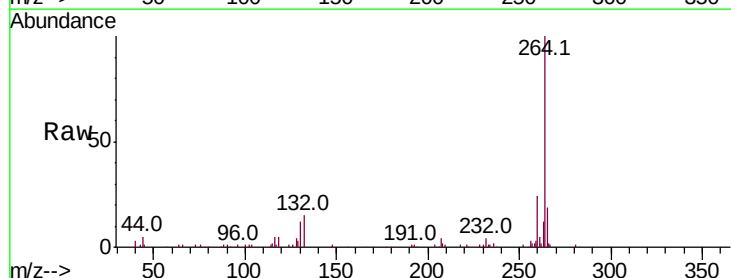
Tgt Ion:264 Resp: 182511

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 19.4 17.9 26.9



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

