

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
 Data File : BG038523.D
 Acq On : 13 Dec 2018 8:52
 Operator : JU/SJ
 Sample : PB115618BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115618BL

Quant Time: Dec 13 10:25:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	18802	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	75460	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	52348	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	143281	20.00	ng	0.00
76) Chrysene-d12	21.72	240	164384	20.00	ng	0.00
87) Perylene-d12	25.02	264	172390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	126759	119.58	ng	0.00
7) Phenol-d6	7.21	99	172252	118.36	ng	0.00
23) Nitrobenzene-d5	9.24	82	108703	73.59	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	84978	117.79	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	273155	71.58	ng	0.00
79) Terphenyl-d14	20.05	244	631971	83.67	ng	0.00

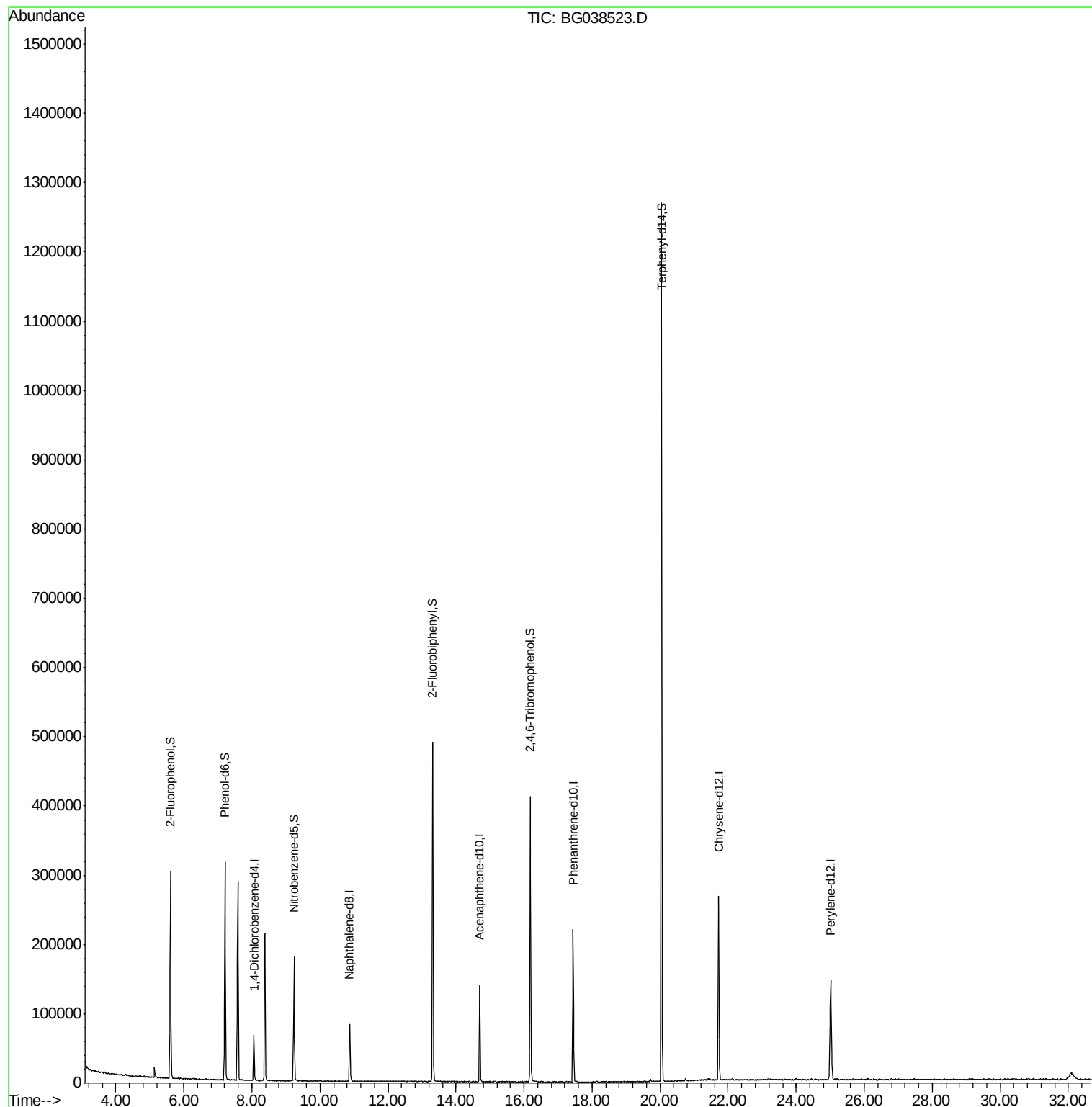
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
Data File : BG038523.D
Acq On : 13 Dec 2018 8:52
Operator : JU/SJ
Sample : PB115618BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115618BL

Quant Time: Dec 13 10:25:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



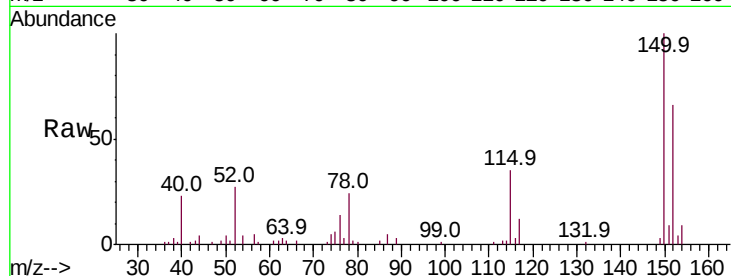


#1

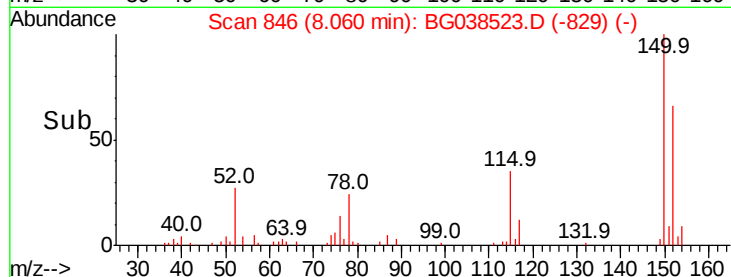
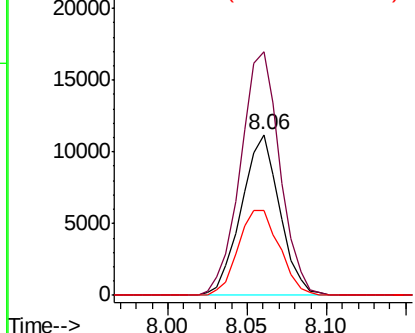
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038523.D
Acq: 13 Dec 2018 8:52

Instrument :
BNA_G
ClientSampleId :
PB115618BL

Tot Ion:152 Resp: 18802
Ion Ratio Lower Upper
152 100
150 151.7 119.5 179.3
115 52.5 49.6 74.4



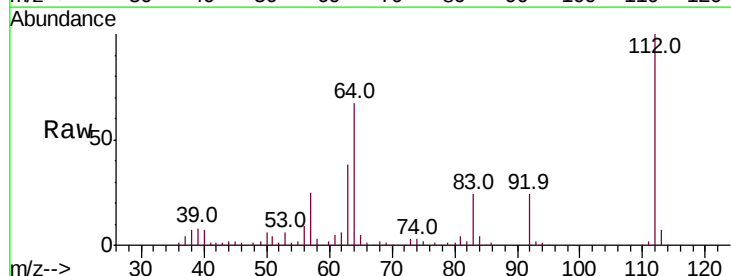
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



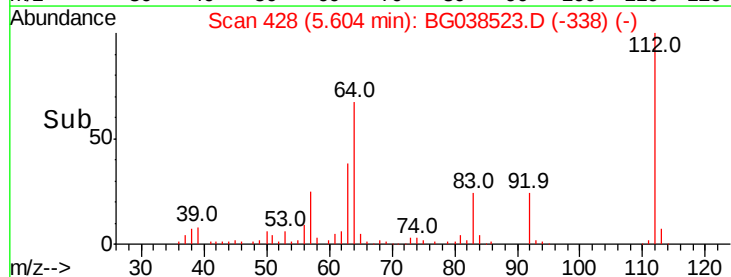
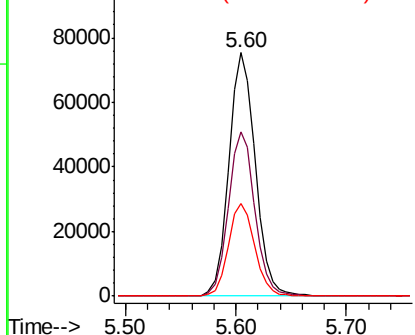
#5

2-Fluorophenol
Concen: 119.576 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038523.D
Acq: 13 Dec 2018 8:52

Tgt Ion:112 Resp: 126759
Ion Ratio Lower Upper
112 100
64 67.3 53.4 80.2
63 37.9 29.3 43.9



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: 118.364 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038523.D

Acq: 13 Dec 2018 8:52

Instrument :

BNA_G

ClientSampleId :

PB115618BL

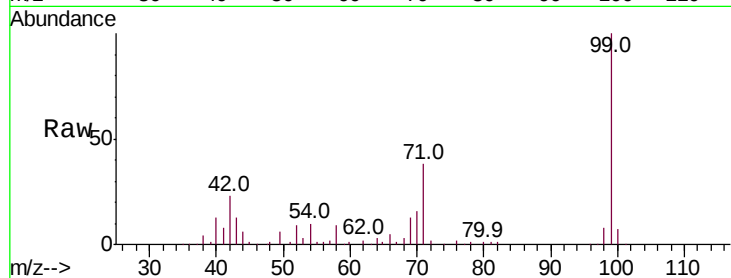
Tot Ion: 99 Resp: 172252

Ion Ratio Lower Upper

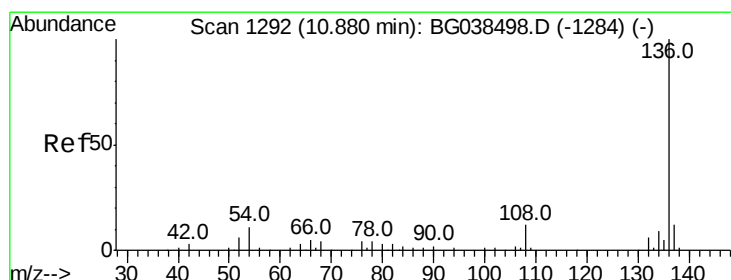
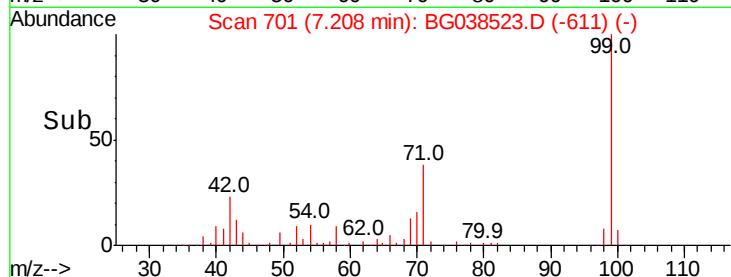
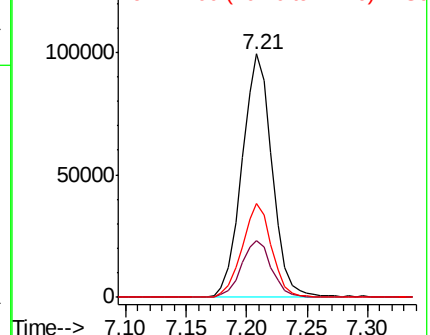
99 100

42 23.4 18.5 27.7

71 38.4 31.1 46.7



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: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038523.D

Acq: 13 Dec 2018 8:52

Tgt Ion: 136 Resp: 75460

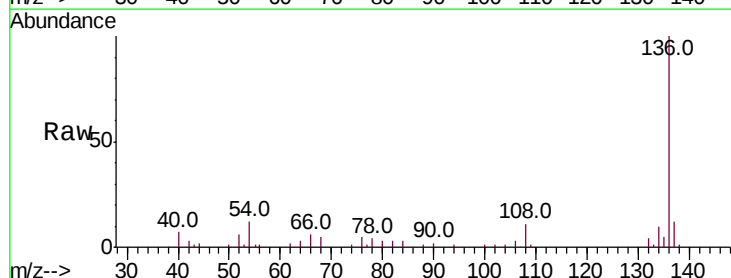
Ion Ratio Lower Upper

136 100

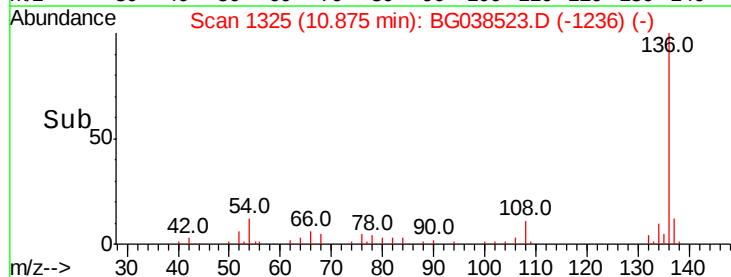
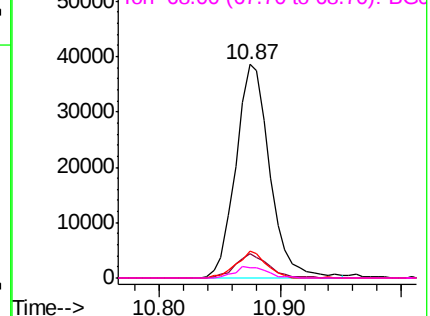
137 11.5 9.3 13.9

54 12.5 8.5 12.7

68 4.6 3.5 5.3



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

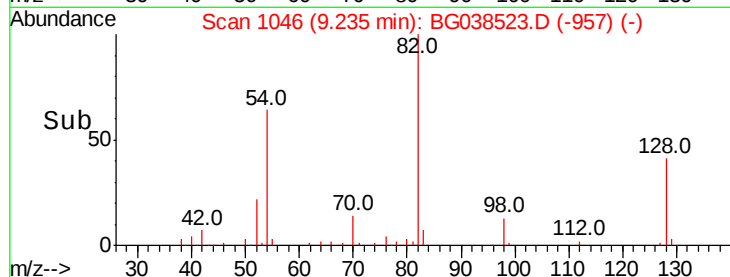
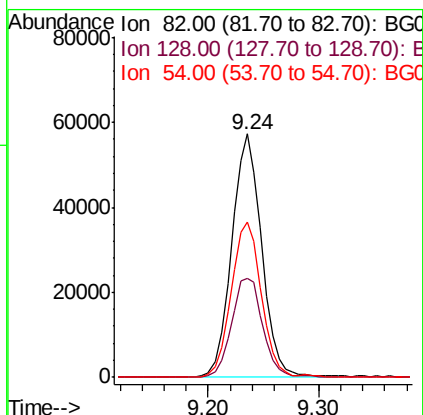
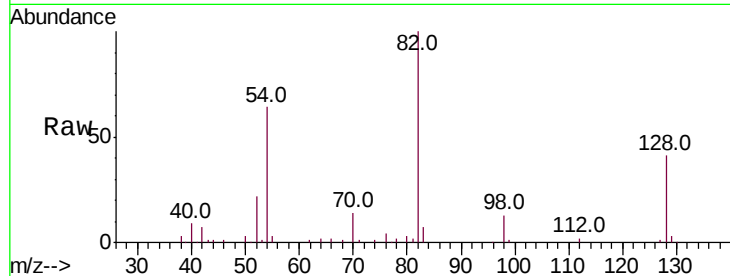




#23
Nitrobenzene-d5
Concen: 73.593 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038523.D
Acq: 13 Dec 2018 8:52

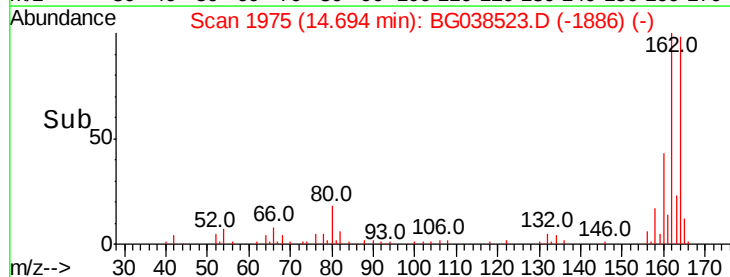
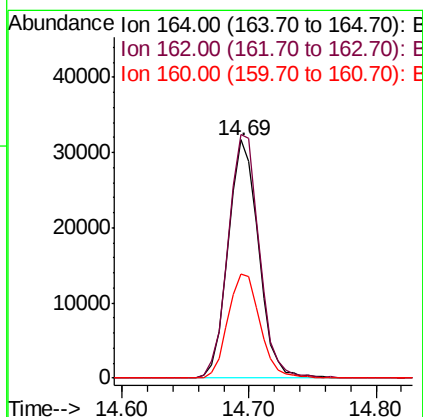
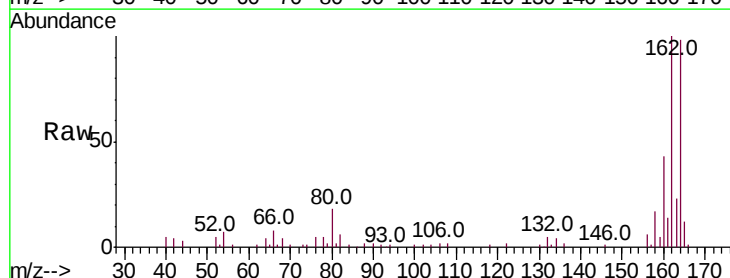
Instrument :
BNA_G
ClientSampleId :
PB115618BL

Tot Ion: 82 Resp: 108703
Ion Ratio Lower Upper
82 100
128 40.8 34.6 52.0
54 63.6 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038523.D
Acq: 13 Dec 2018 8:52

Tgt Ion:164 Resp: 52348
Ion Ratio Lower Upper
164 100
162 102.3 86.6 130.0
160 44.0 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 117.788 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038523.D

Acq: 13 Dec 2018 8:52

Instrument :

BNA_G

ClientSampleId :

PB115618BL

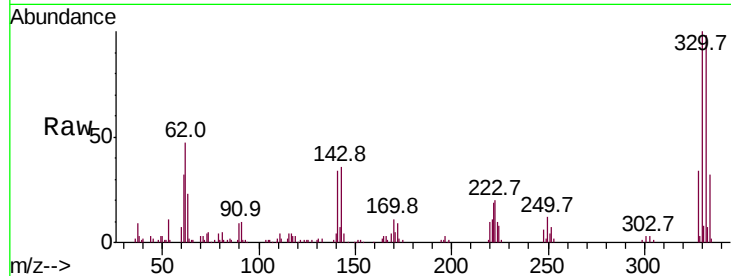
Tot Ion:330 Resp: 84978

Ion Ratio Lower Upper

330 100

332 94.6 76.9 115.3

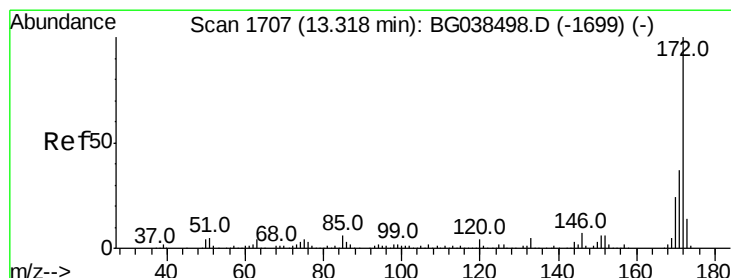
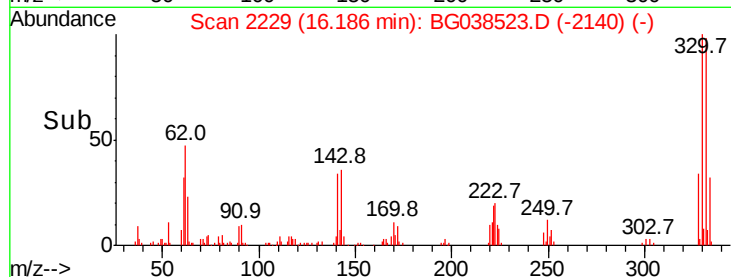
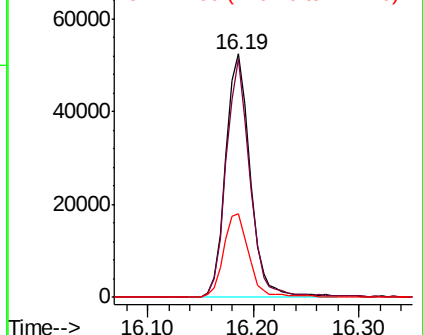
141 35.6 28.8 43.2



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: 71.584 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG038523.D

Acq: 13 Dec 2018 8:52

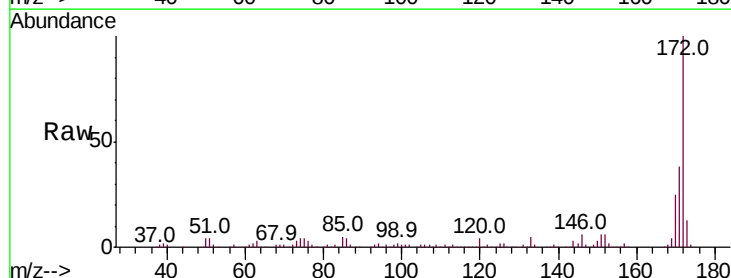
Tgt Ion:172 Resp: 273155

Ion Ratio Lower Upper

172 100

171 37.8 29.8 44.6

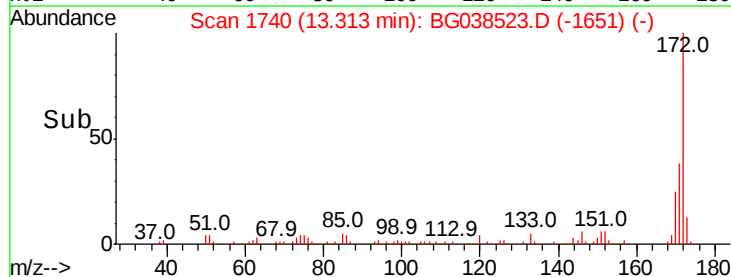
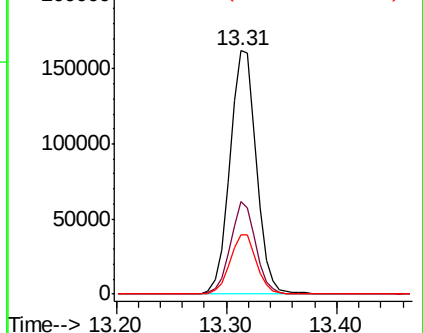
170 24.6 19.5 29.3

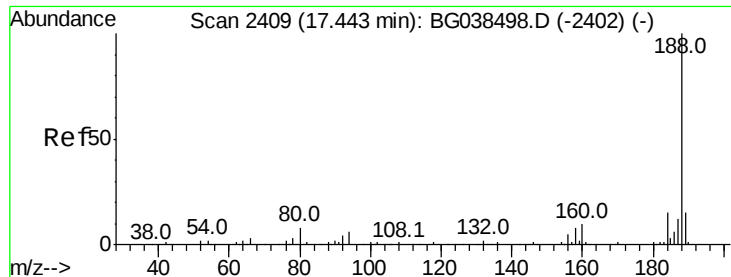


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

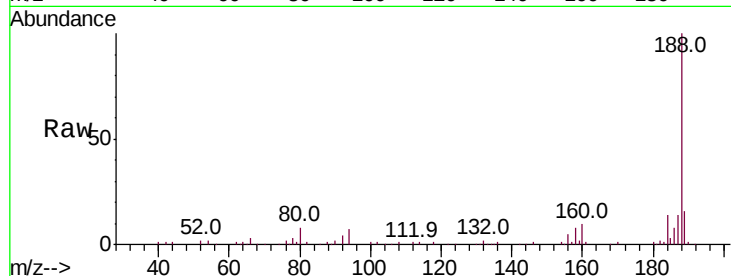




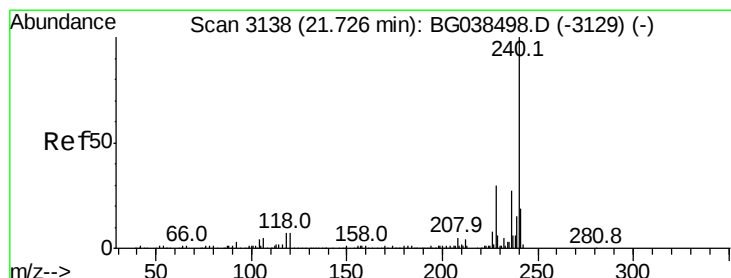
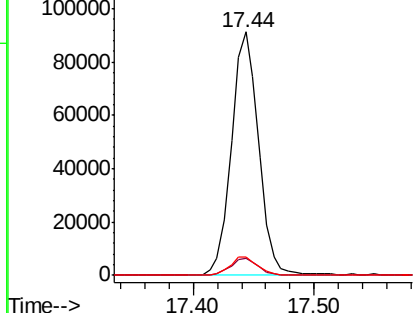
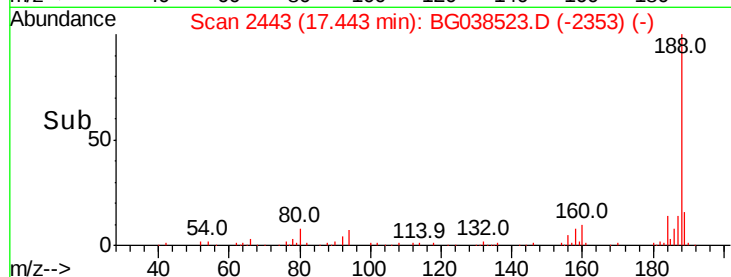
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG038523.D
 Acq: 13 Dec 2018 8:52

Instrument :
 BNA_G
 ClientSampleId :
 PB115618BL

Tot Ion:188 Resp: 143281
 Ion Ratio Lower Upper
 188 100
 94 7.1 5.1 7.7
 80 7.5 6.1 9.1

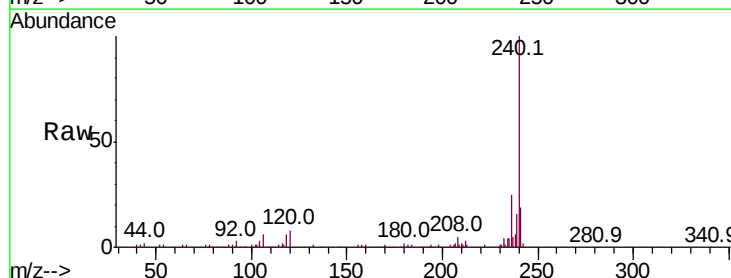


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

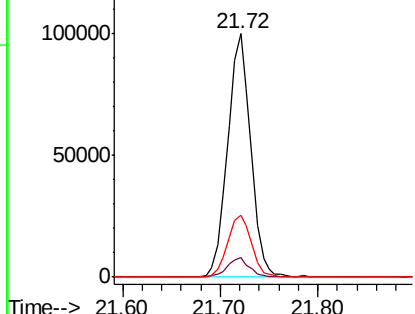
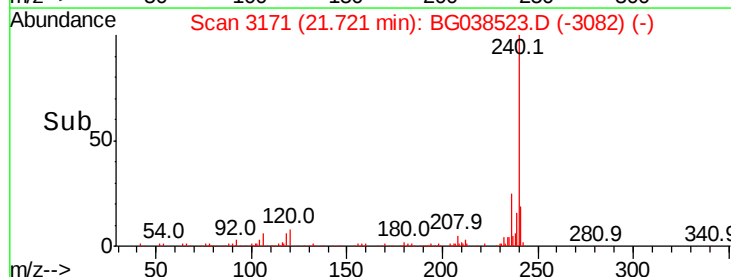


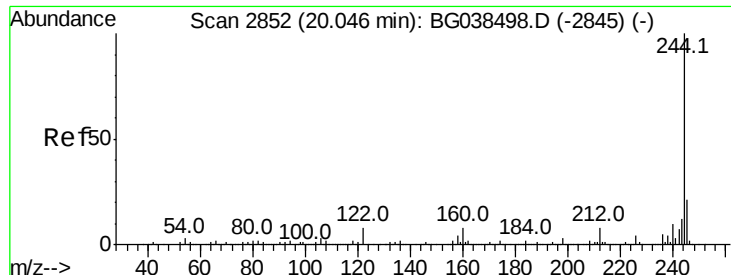
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038523.D
 Acq: 13 Dec 2018 8:52

Tgt Ion:240 Resp: 164384
 Ion Ratio Lower Upper
 240 100
 120 8.1 5.3 7.9#
 236 25.4 21.4 32.2



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: 83.669 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038523.D

Acq: 13 Dec 2018 8:52

Instrument :

BNA_G

ClientSampleId :

PB115618BL

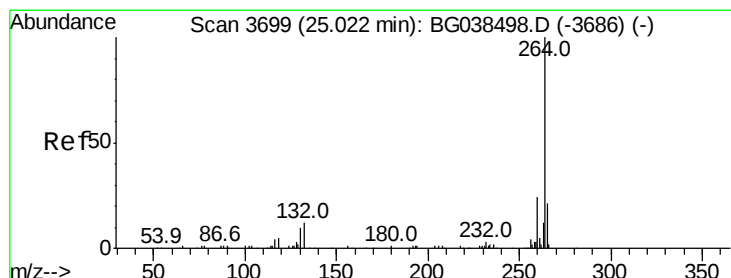
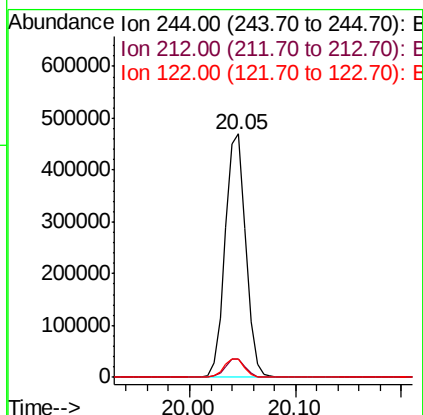
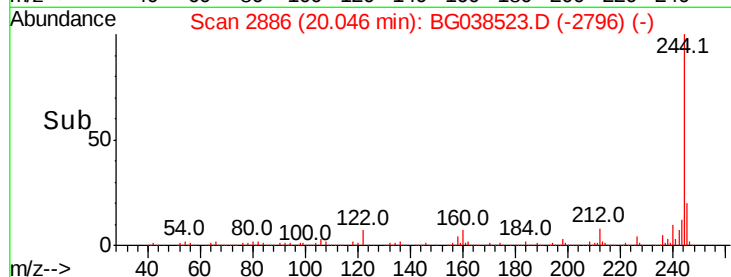
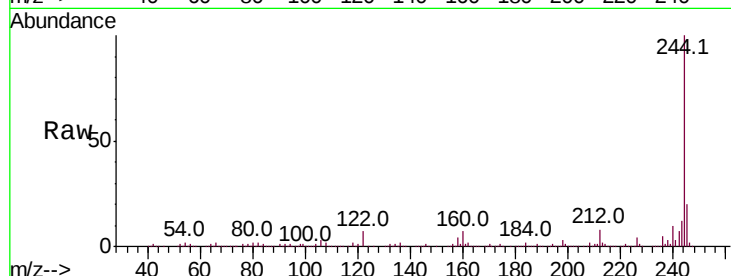
Tot Ion:244 Resp: 631971

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 7.5 6.3 9.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038523.D

Acq: 13 Dec 2018 8:52

Tgt Ion:264 Resp: 172390

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 22.0 17.0 25.4

