

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
 Data File : BG038383.D
 Acq On : 6 Dec 2018 14:10
 Operator : JU/SJ
 Sample : PB115178TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115178TB

Quant Time: Dec 06 15:19:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	27602	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	129190	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	79457	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	214450	20.00	ng	0.00
76) Chrysene-d12	21.73	240	218536	20.00	ng	-0.01
87) Perylene-d12	25.04	264	224331	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	225536	144.60	ng	0.00
7) Phenol-d6	7.22	99	298278	132.31	ng	0.00
23) Nitrobenzene-d5	9.24	82	188702	72.52	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	133602	136.97	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	455405	81.67	ng	0.00
79) Terphenyl-d14	20.06	244	888472	87.09	ng	0.00

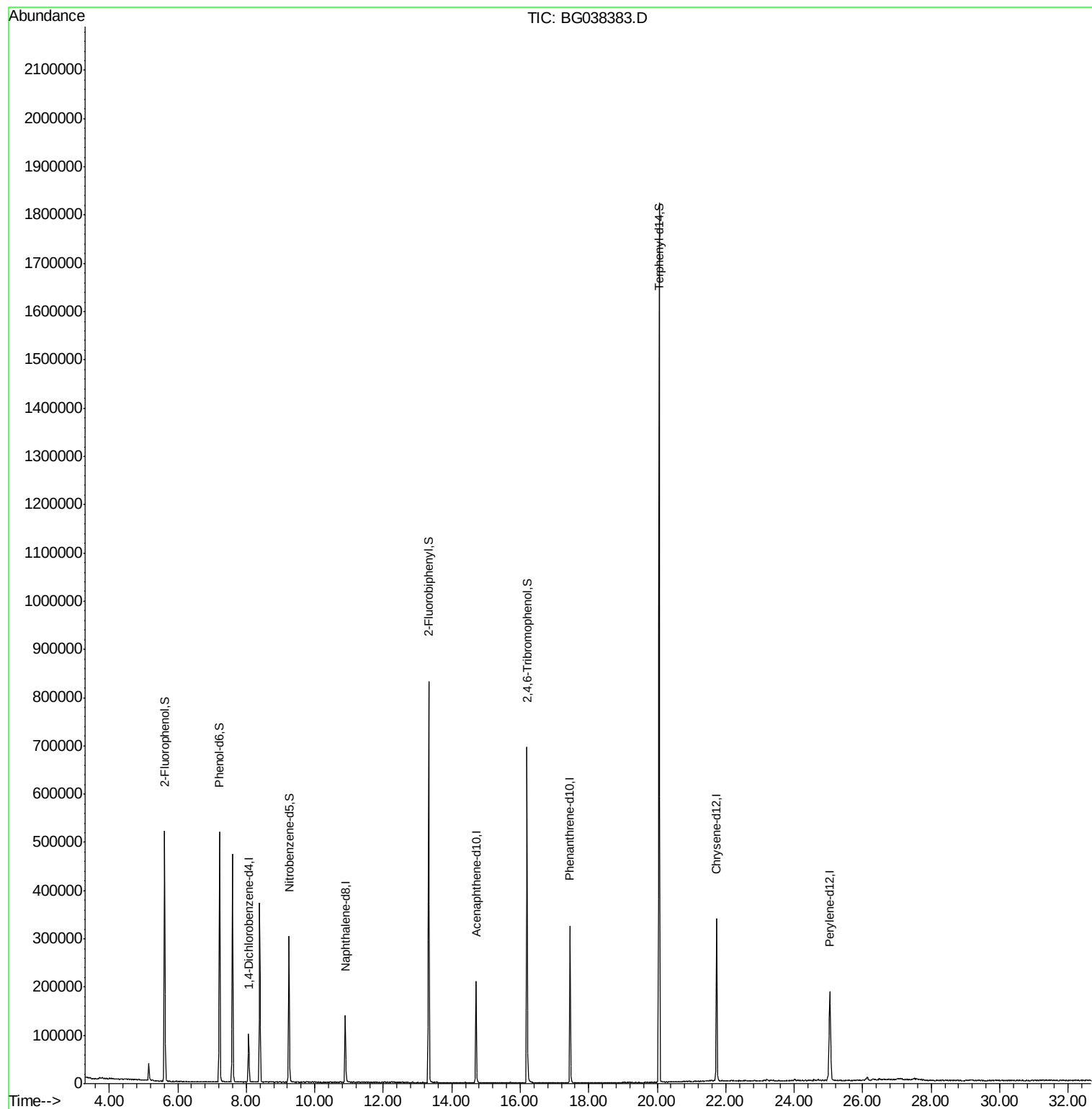
Target Compounds	Qvalue

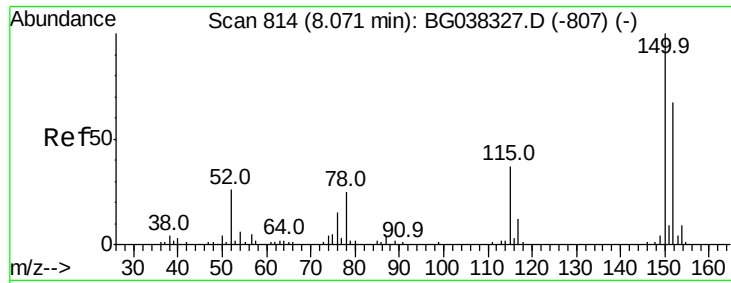
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
Data File : BG038383.D
Acq On : 6 Dec 2018 14:10
Operator : JU/SJ
Sample : PB115178TB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115178TB

Quant Time: Dec 06 15:19:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration



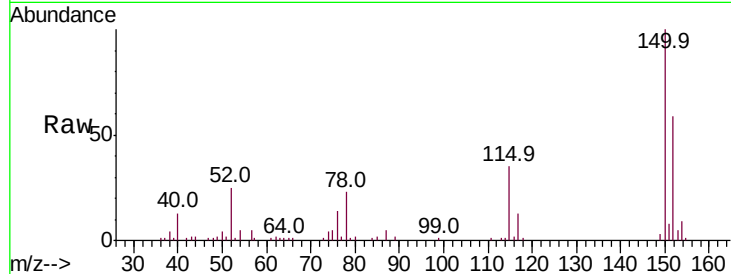


#1

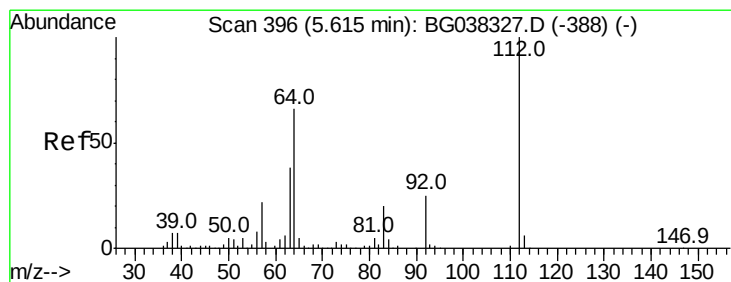
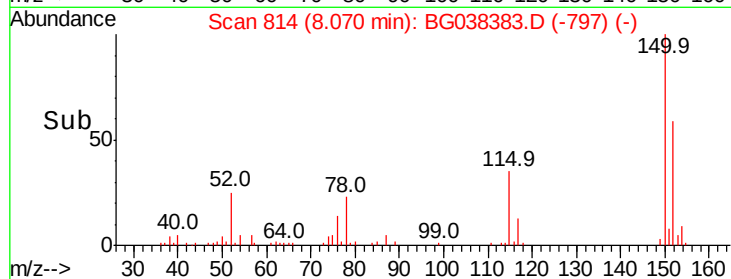
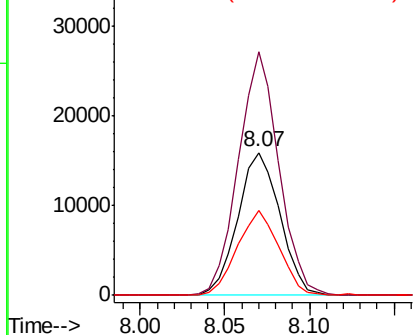
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038383.D
Acq: 6 Dec 2018 14:10

Instrument :
BNA_G
ClientSampleId :
PB115178TB

Tot Ion:152 Resp: 27602
Ion Ratio Lower Upper
152 100
150 170.4 126.0 189.0
115 59.6 45.5 68.3



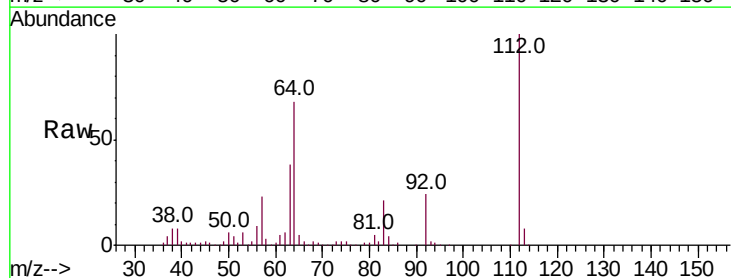
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



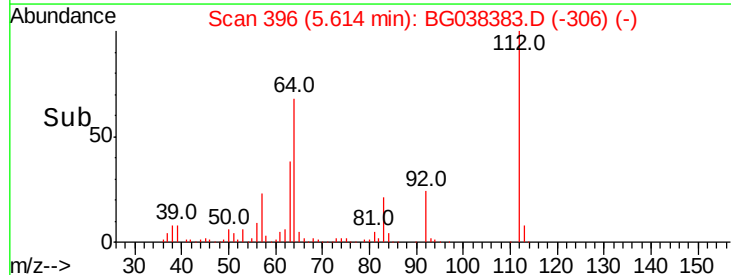
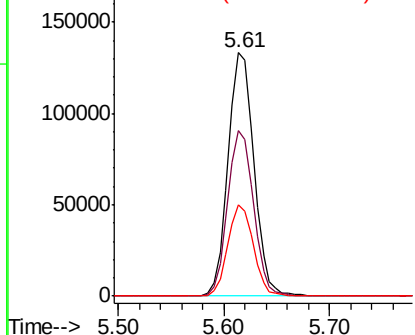
#5

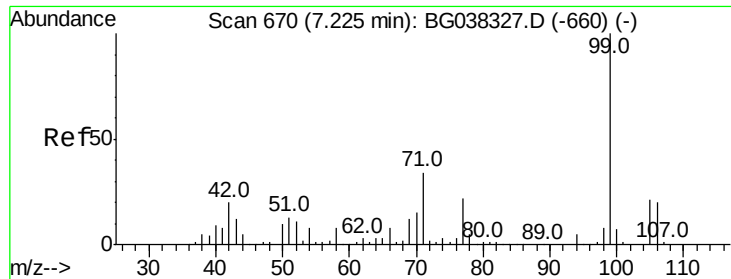
2-Fluorophenol
Concen: 144.598 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038383.D
Acq: 6 Dec 2018 14:10

Tgt Ion:112 Resp: 225536
Ion Ratio Lower Upper
112 100
64 67.9 53.1 79.7
63 37.7 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 132.312 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038383.D

Acq: 6 Dec 2018 14:10

Instrument :

BNA_G

ClientSampleId :

PB115178TB

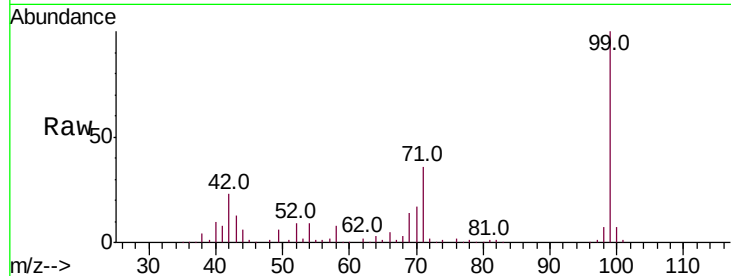
Tot Ion: 99 Resp: 298278

Ion Ratio Lower Upper

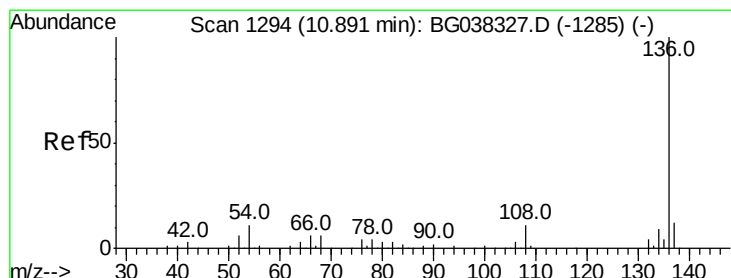
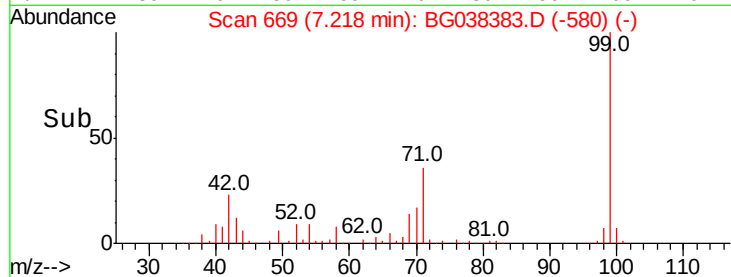
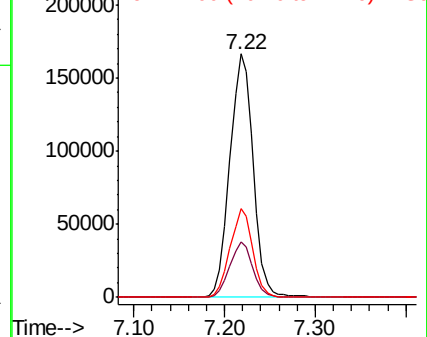
99 100

42 22.6 15.0 22.4#

71 36.4 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: 10.89 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG038383.D

Acq: 6 Dec 2018 14:10

Tgt Ion: 136 Resp: 129190

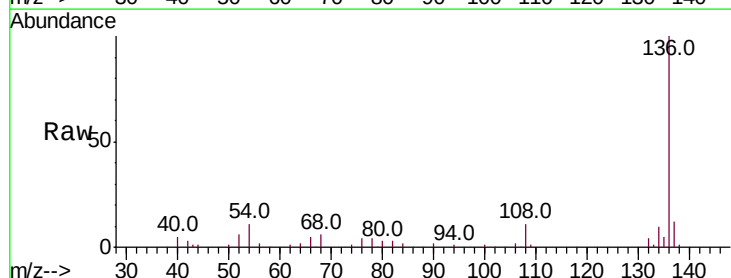
Ion Ratio Lower Upper

136 100

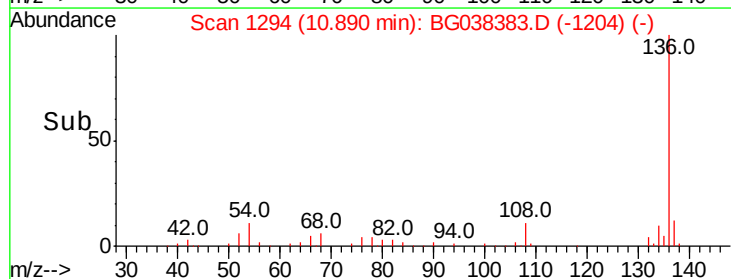
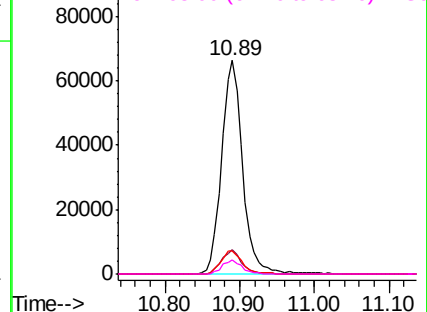
137 11.6 9.6 14.4

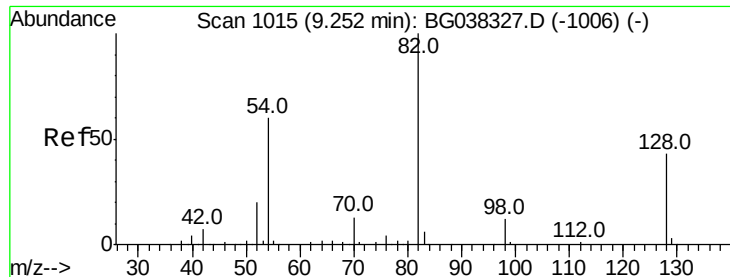
54 10.5 7.9 11.9

68 6.4 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: 72.518 ng

RT: 9.24 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BG038383.D

Acq: 6 Dec 2018 14:10

Instrument :

BNA_G

ClientSampleId :

PB115178TB

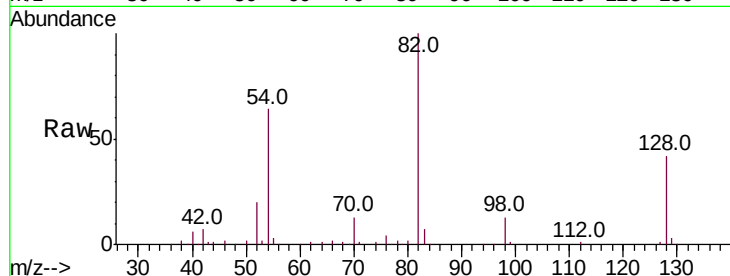
Tot Ion: 82 Resp: 188702

Ion Ratio Lower Upper

82 100

128 41.7 34.6 51.8

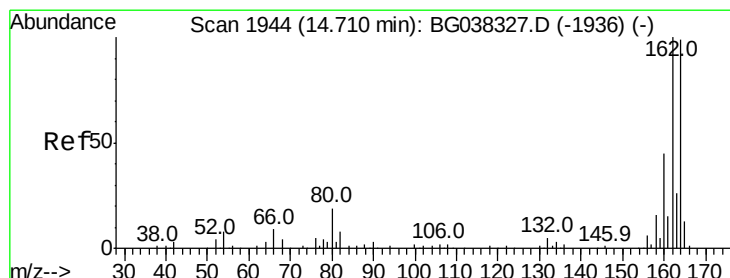
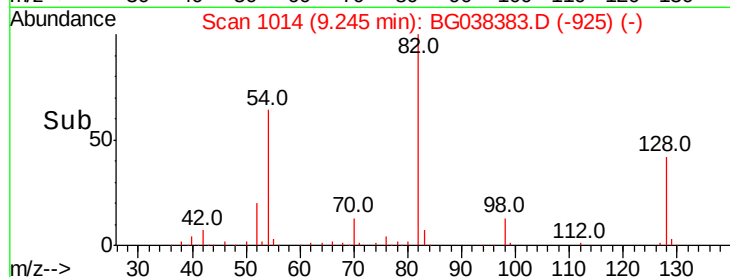
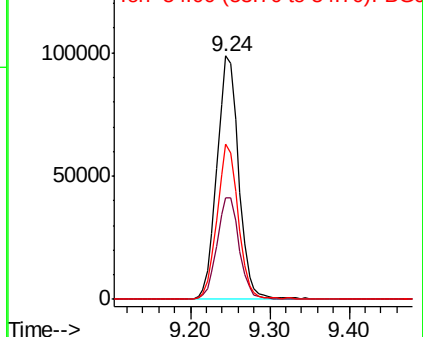
54 63.8 45.3 67.9



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. -0.00 min

Lab File: BG038383.D

Acq: 6 Dec 2018 14:10

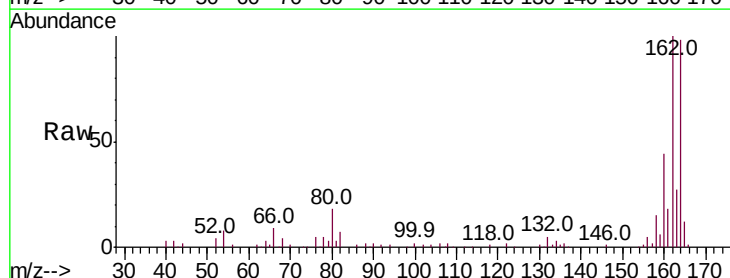
Tgt Ion:164 Resp: 79457

Ion Ratio Lower Upper

164 100

162 101.9 81.3 121.9

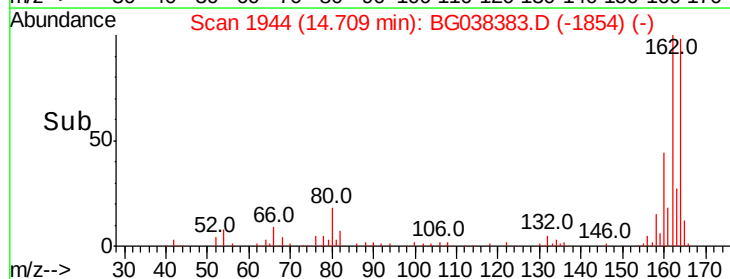
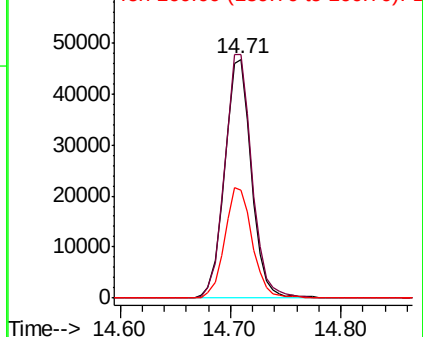
160 45.1 36.3 54.5

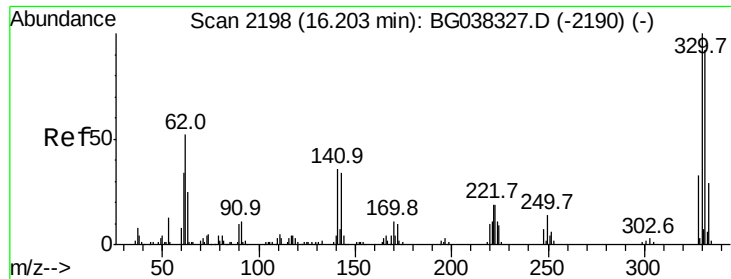


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 136.967 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038383.D

Acq: 6 Dec 2018 14:10

Instrument :

BNA_G

ClientSampled :

PB115178TB

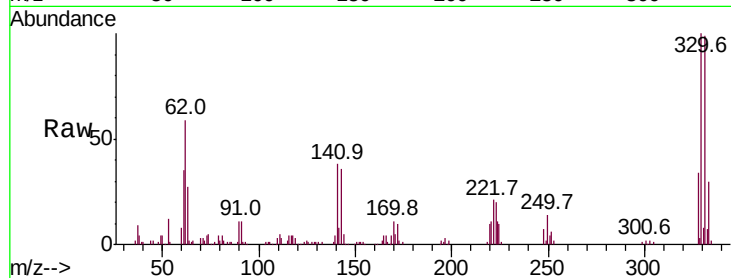
Tot Ion:330 Resp: 133602

Ion Ratio Lower Upper

330 100

332 96.7 78.4 117.6

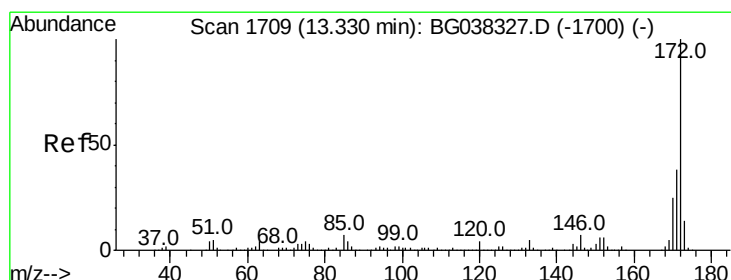
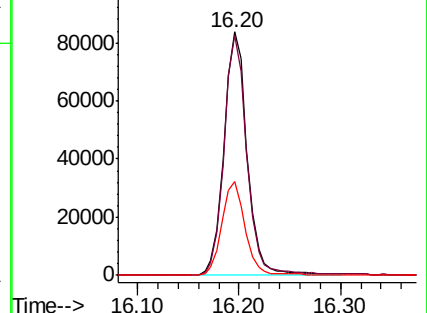
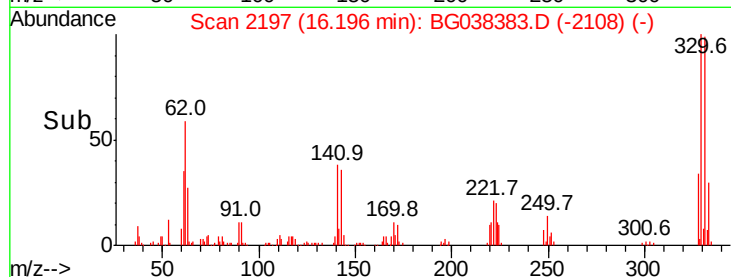
141 38.8 32.2 48.2



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: 81.668 ng

RT: 13.33 min Scan# 1709

Delta R.T. -0.00 min

Lab File: BG038383.D

Acq: 6 Dec 2018 14:10

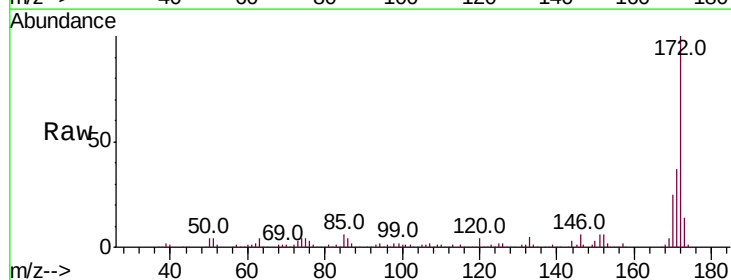
Tgt Ion:172 Resp: 455405

Ion Ratio Lower Upper

172 100

171 36.5 31.0 46.4

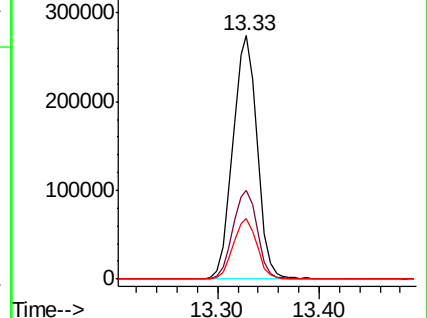
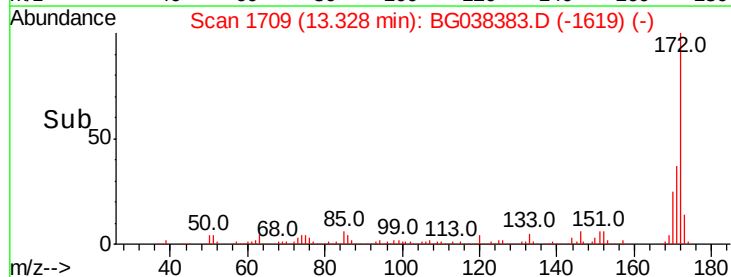
170 24.9 20.2 30.2

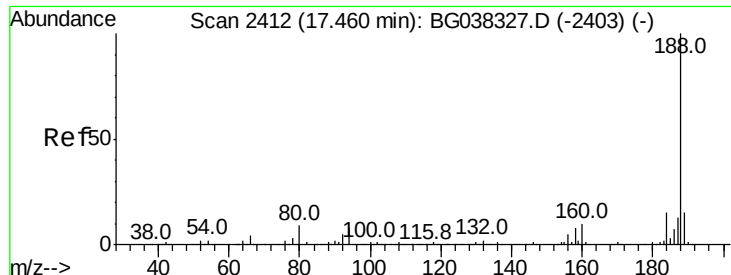


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

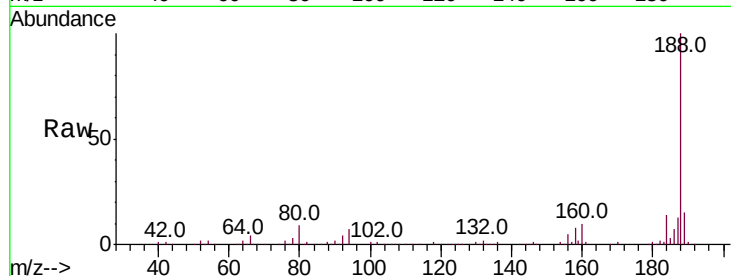




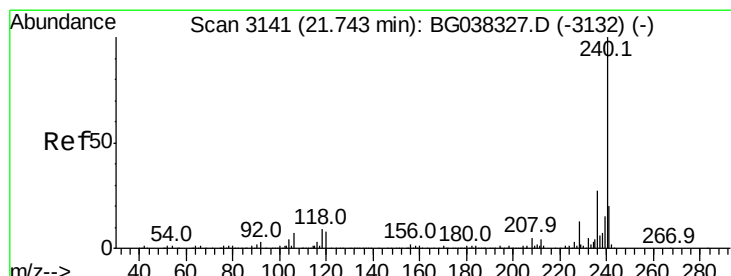
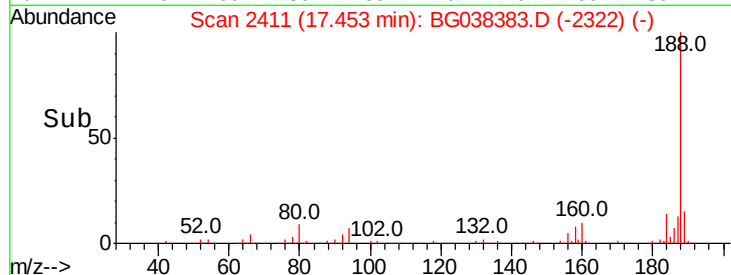
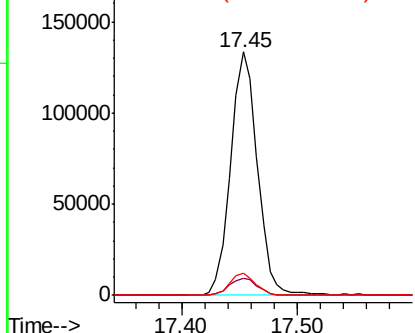
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038383.D
Acq: 6 Dec 2018 14:10

Instrument :
BNA_G
ClientSampleId :
PB115178TB

Tot Ion:188 Resp: 214450
Ion Ratio Lower Upper
188 100
94 7.1 7.2 10.8#
80 9.1 7.7 11.5

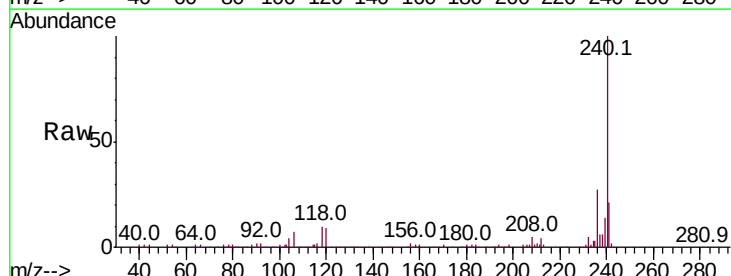


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

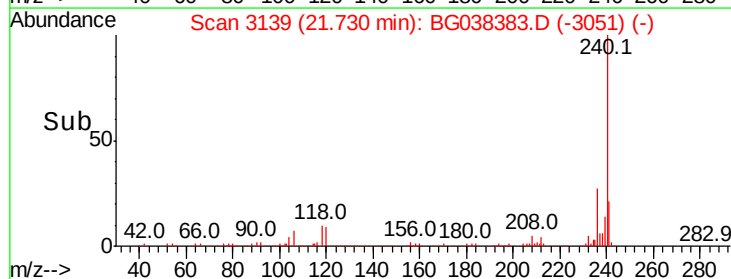
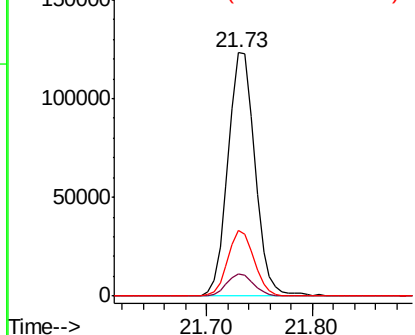


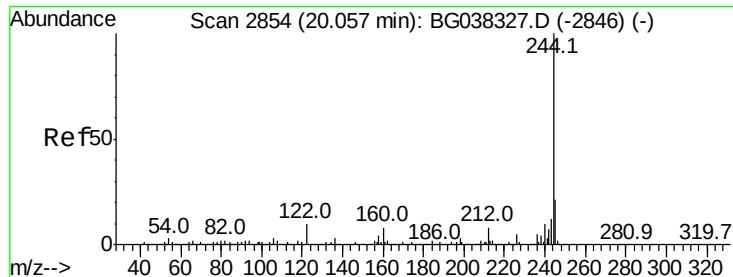
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038383.D
Acq: 6 Dec 2018 14:10

Tgt Ion:240 Resp: 218536
Ion Ratio Lower Upper
240 100
120 9.2 8.1 12.1
236 26.9 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: 87.095 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038383.D

Acq: 6 Dec 2018 14:10

Instrument :

BNA_G

ClientSampleId :

PB115178TB

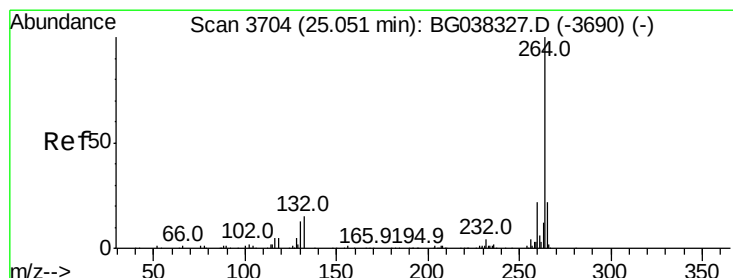
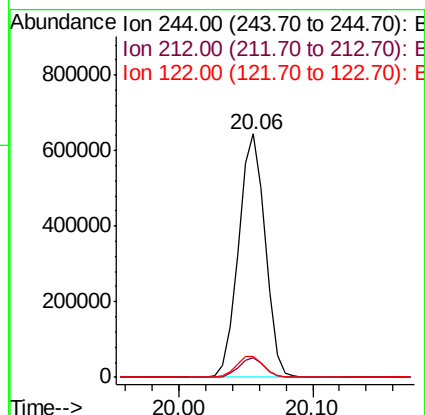
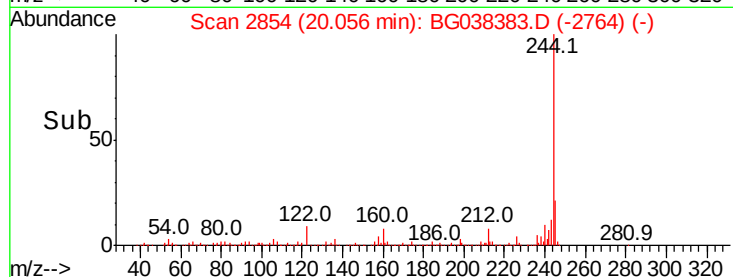
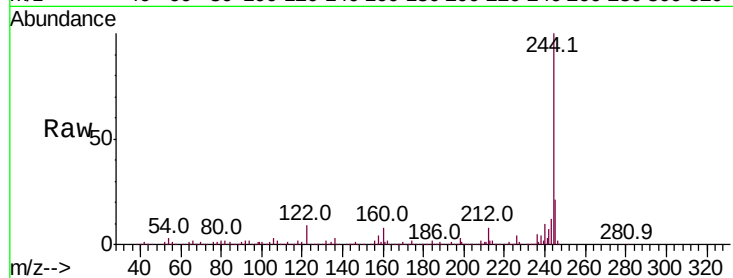
Tot Ion:244 Resp: 888472

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 8.8 9.0 13.4#



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038383.D

Acq: 6 Dec 2018 14:10

Tgt Ion:264 Resp: 224331

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 20.8 17.9 26.9

