

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
 Data File : BG038418.D
 Acq On : 8 Dec 2018 00:43
 Operator : JU/SJ
 Sample : PB115432TB
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115432TB

Quant Time: Dec 08 04:41:03 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	19445	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	85192	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	57070	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	164378	20.00	ng	-0.01
76) Chrysene-d12	21.73	240	162203	20.00	ng	-0.01
87) Perylene-d12	25.03	264	156706	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	268463	244.32	ng	0.00
7) Phenol-d6	7.22	99	219841	138.43	ng	0.00
23) Nitrobenzene-d5	9.25	82	134967	78.66	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	101042	144.22	ng	-0.01
45) 2-Fluorobiphenyl	13.32	172	334484	83.51	ng	0.00
79) Terphenyl-d14	20.05	244	677304	89.45	ng	0.00

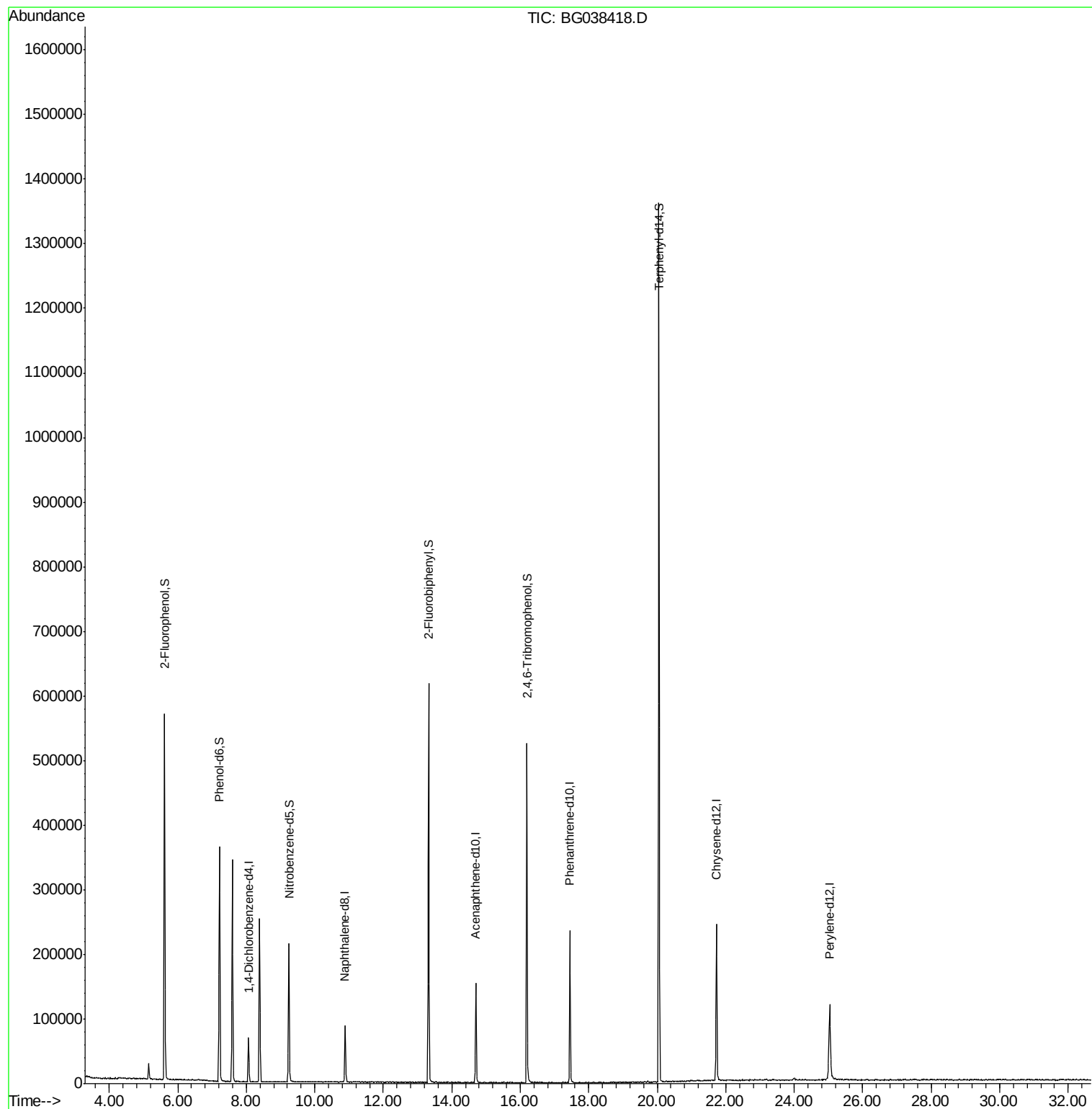
Target Compounds Qvalue

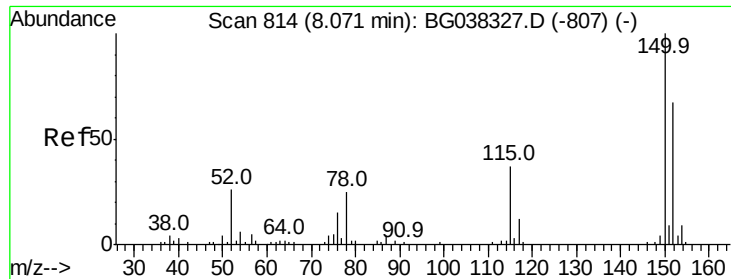
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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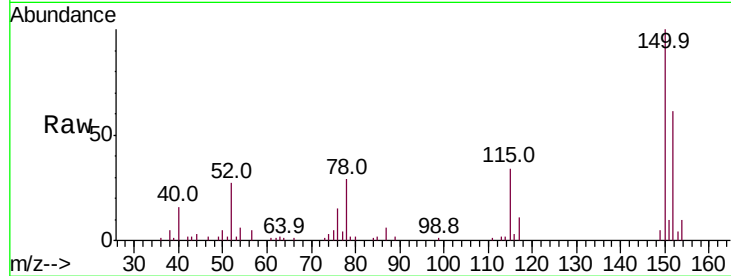


#1

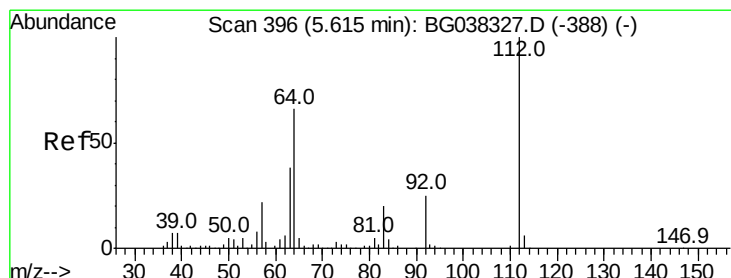
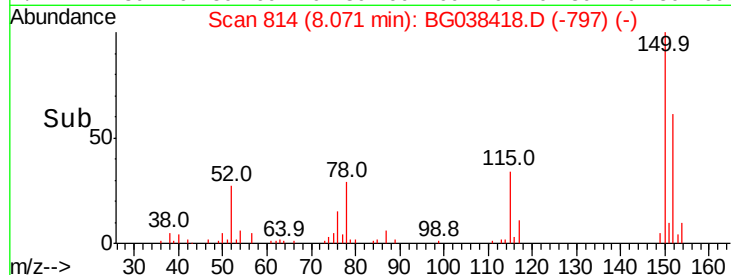
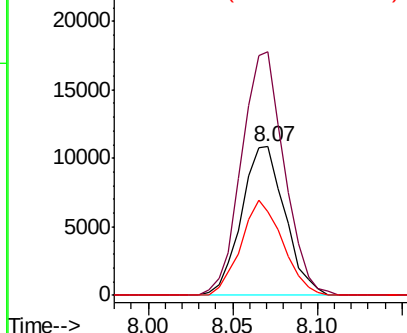
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038418.D
Acq: 8 Dec 2018 00:43

Instrument :
BNA_G
ClientSampleId :
PB115432TB

Tot Ion:152 Resp: 19445
Ion Ratio Lower Upper
152 100
150 163.6 126.0 189.0
115 55.9 45.5 68.3



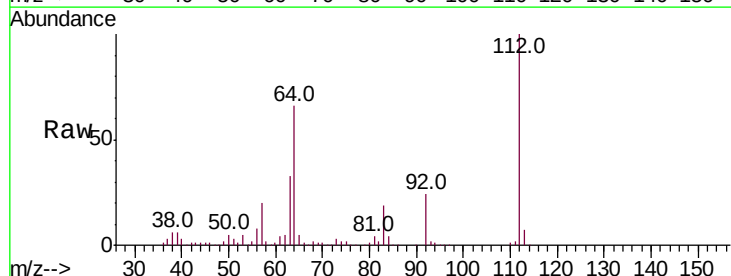
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



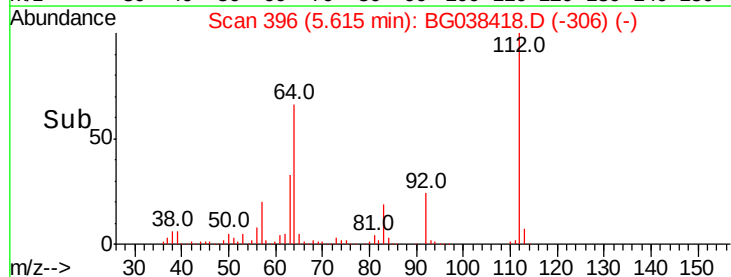
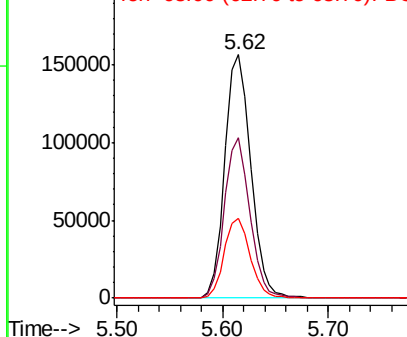
#5

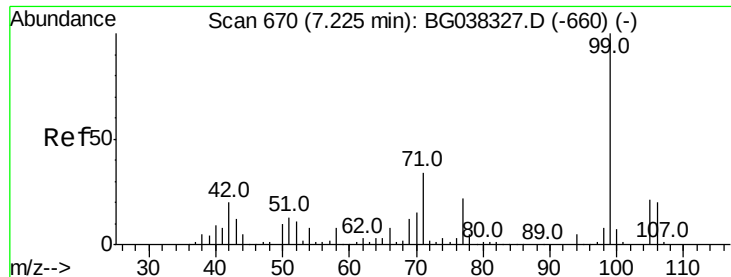
2-Fluorophenol
Concen: 244.322 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038418.D
Acq: 8 Dec 2018 00:43

Tgt Ion:112 Resp: 268463
Ion Ratio Lower Upper
112 100
64 65.8 53.1 79.7
63 32.6 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: 138.426 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038418.D

Acq: 8 Dec 2018 00:43

Instrument :

BNA_G

ClientSampleId :

PB115432TB

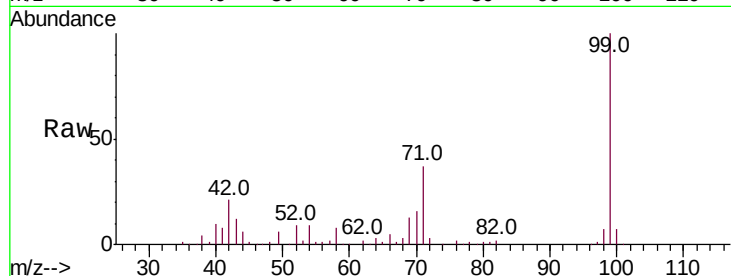
Tot Ion: 99 Resp: 219841

Ion Ratio Lower Upper

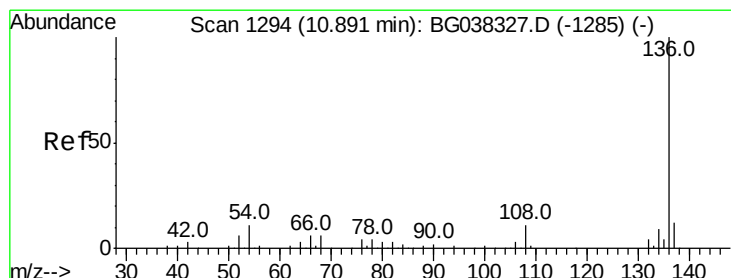
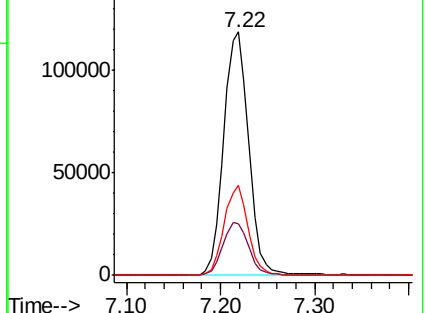
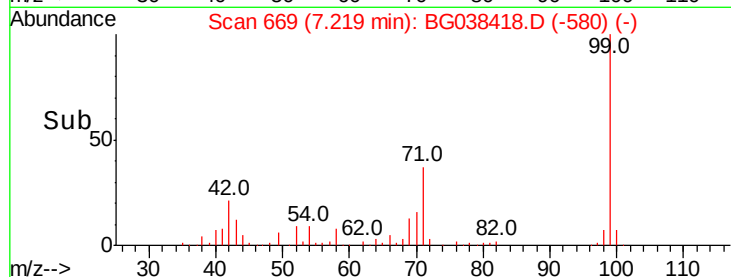
99 100

42 21.3 15.0 22.4

71 37.1 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: 10.89 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG038418.D

Acq: 8 Dec 2018 00:43

Tgt Ion: 136 Resp: 85192

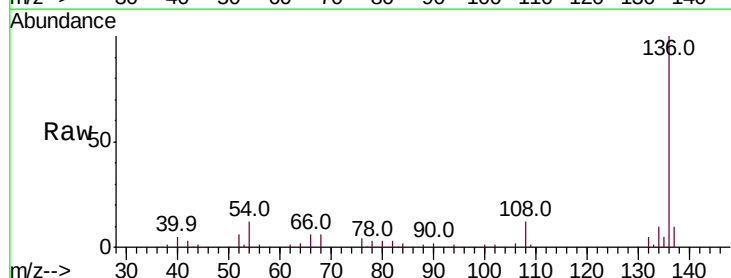
Ion Ratio Lower Upper

136 100

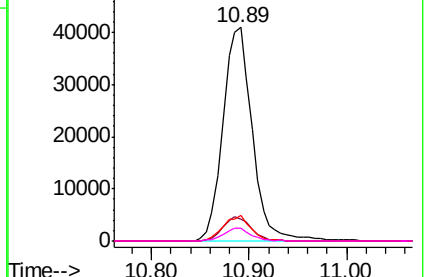
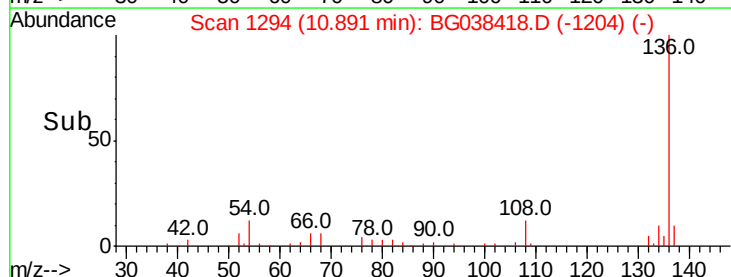
137 10.4 9.6 14.4

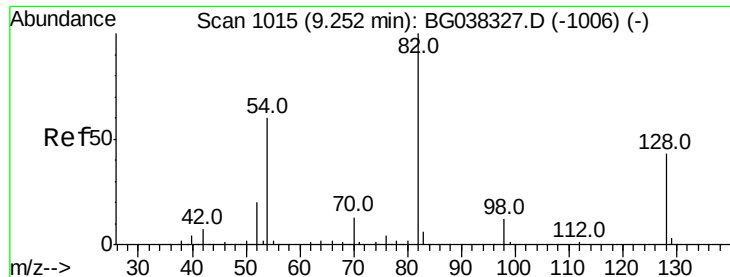
54 11.7 7.9 11.9

68 6.3 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: 78.656 ng

RT: 9.25 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BG038418.D

Acq: 8 Dec 2018 00:43

Instrument :

BNA_G

ClientSampleId :

PB115432TB

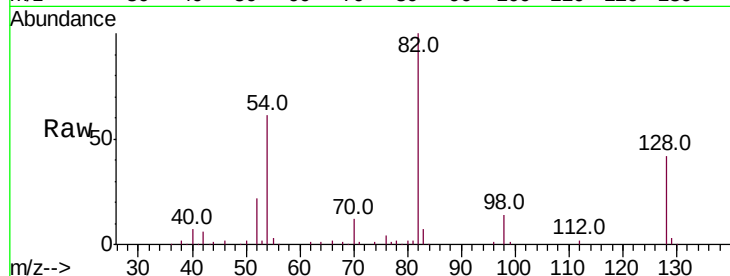
Tot Ion: 82 Resp: 134967

Ion Ratio Lower Upper

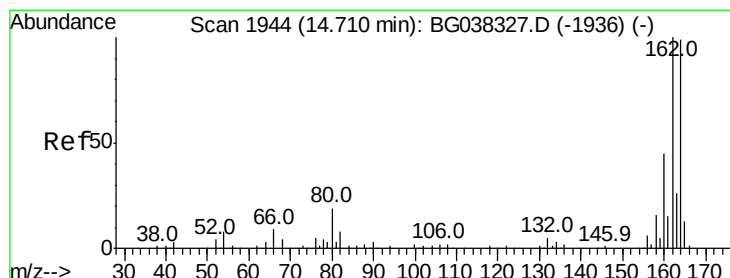
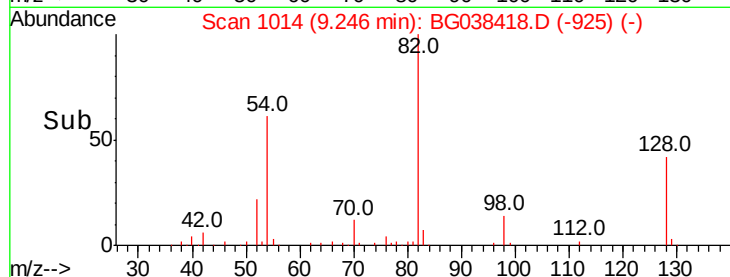
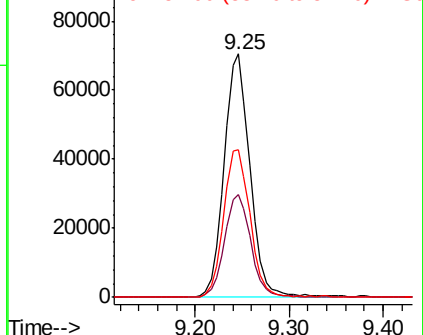
82 100

128 42.3 34.6 51.8

54 60.8 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: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038418.D

Acq: 8 Dec 2018 00:43

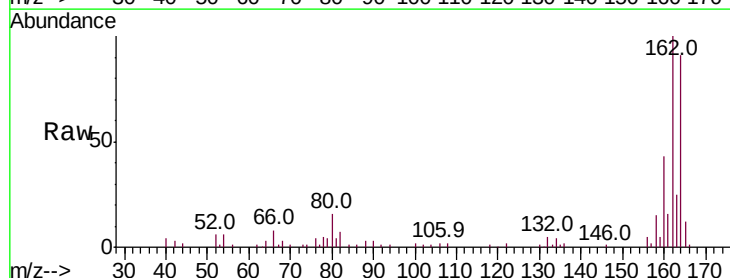
Tgt Ion:164 Resp: 57070

Ion Ratio Lower Upper

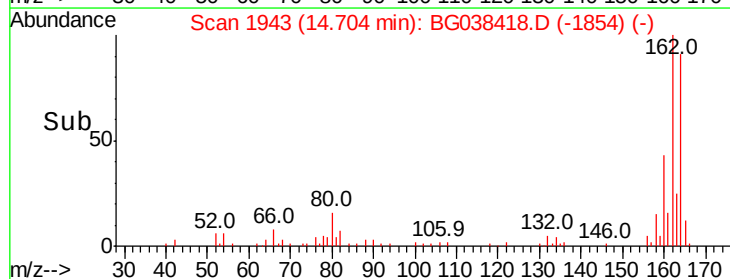
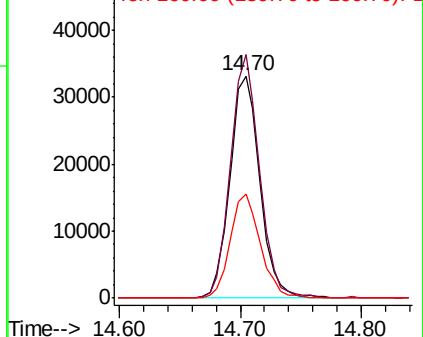
164 100

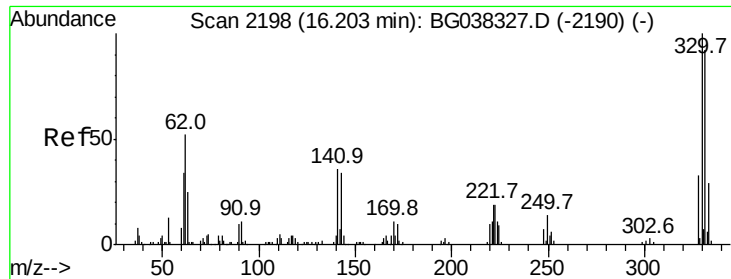
162 109.5 81.3 121.9

160 46.6 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: 144.221 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG038418.D

Acq: 8 Dec 2018 00:43

Instrument :

BNA_G

ClientSampleId :

PB115432TB

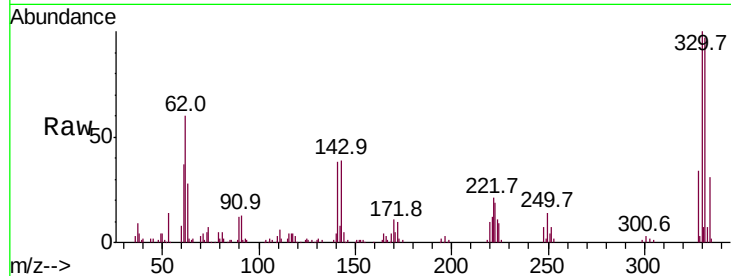
Tot Ion:330 Resp: 101042

Ion Ratio Lower Upper

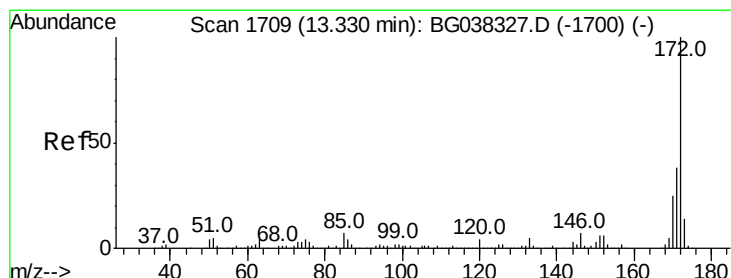
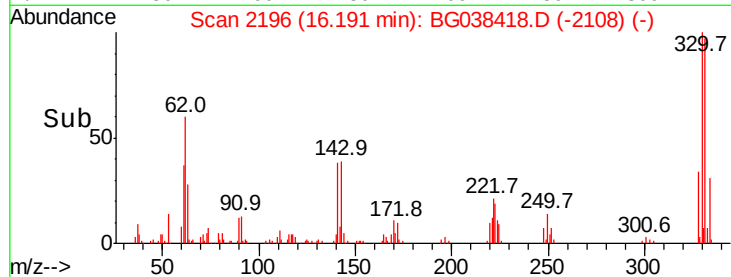
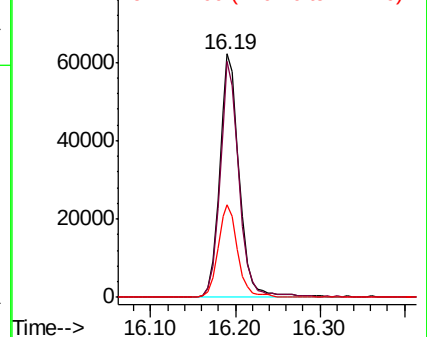
330 100

332 93.6 78.4 117.6

141 37.9 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: 83.513 ng

RT: 13.32 min Scan# 1708

Delta R.T. -0.01 min

Lab File: BG038418.D

Acq: 8 Dec 2018 00:43

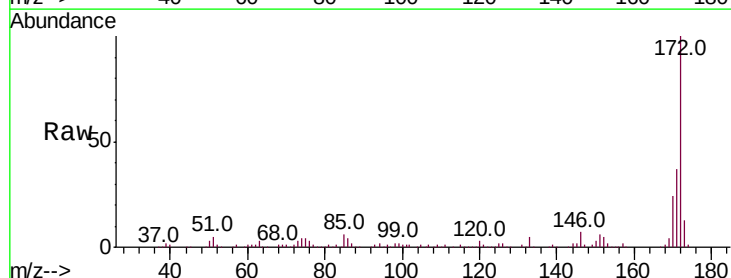
Tgt Ion:172 Resp: 334484

Ion Ratio Lower Upper

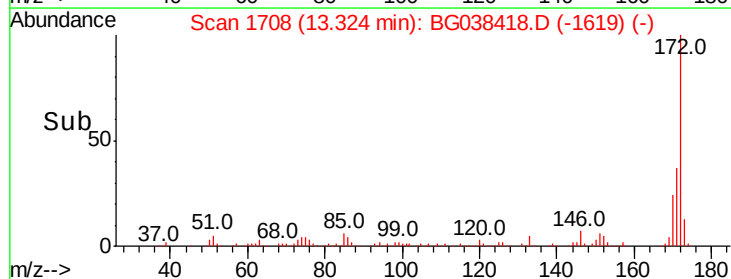
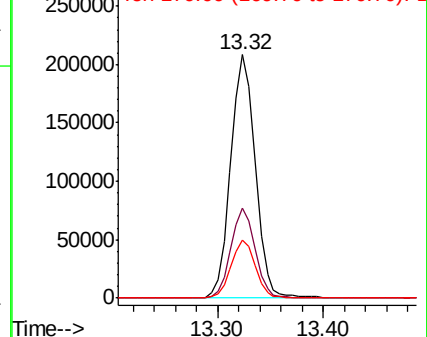
172 100

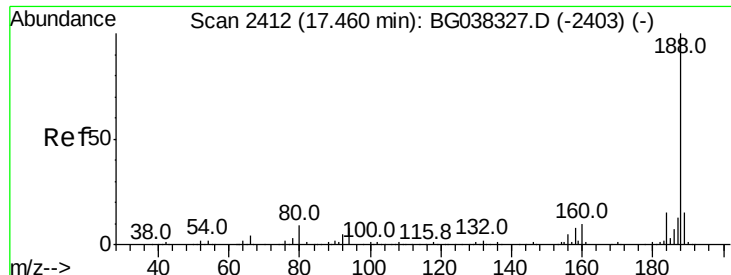
171 37.0 31.0 46.4

170 23.8 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# 2410

Delta R.T. -0.01 min

Lab File: BG038418.D

Acq: 8 Dec 2018 00:43

Instrument :

BNA_G

ClientSampleId :

PB115432TB

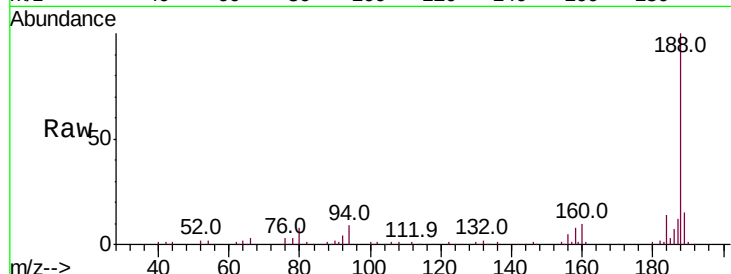
Tot Ion:188 Resp: 164378

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

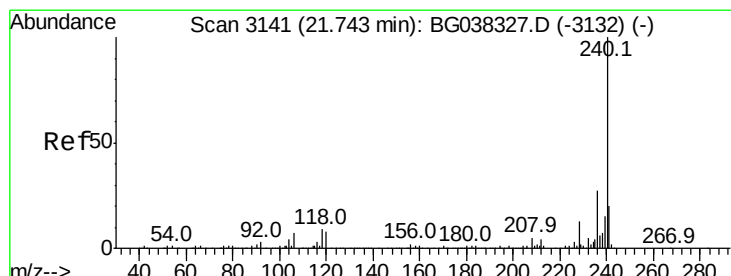
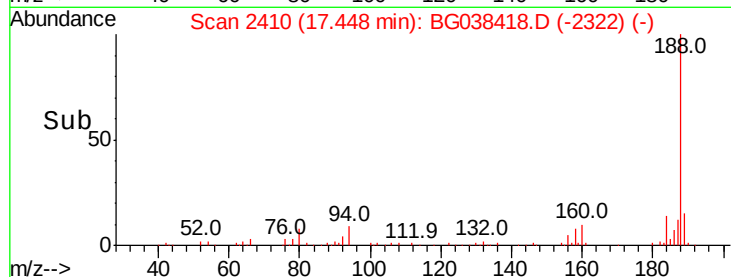
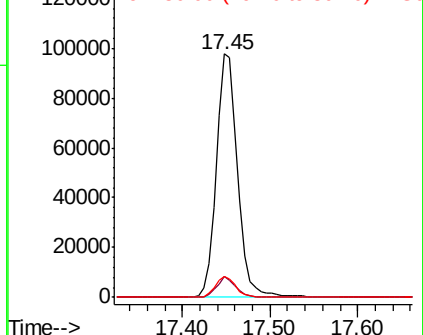
80 8.3 7.7 11.5



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: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038418.D

Acq: 8 Dec 2018 00:43

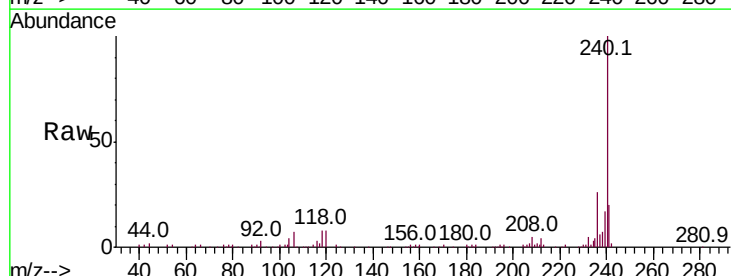
Tgt Ion:240 Resp: 162203

Ion Ratio Lower Upper

240 100

120 8.0 8.1 12.1#

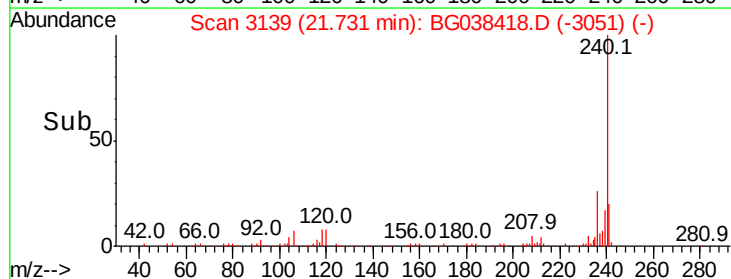
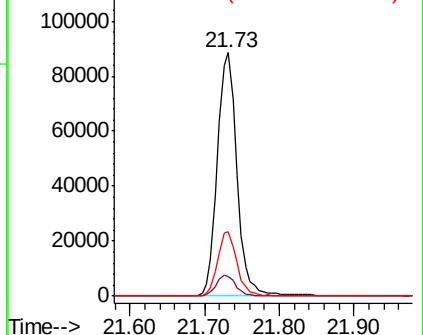
236 26.3 21.4 32.0

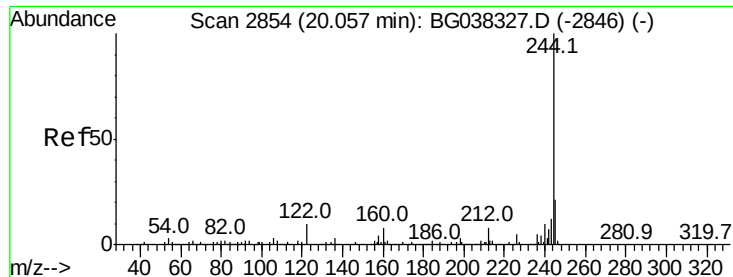


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.453 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG038418.D

Acq: 8 Dec 2018 00:43

Instrument :

BNA_G

ClientSampleId :

PB115432TB

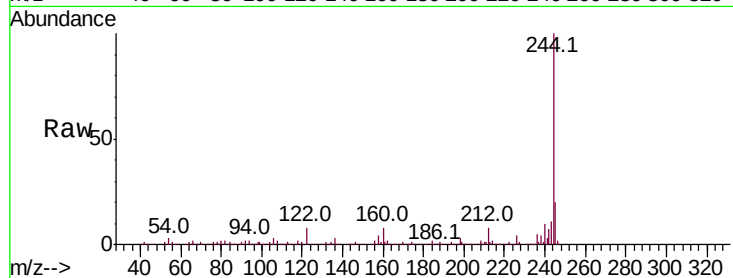
Tot Ion:244 Resp: 677304

Ion Ratio Lower Upper

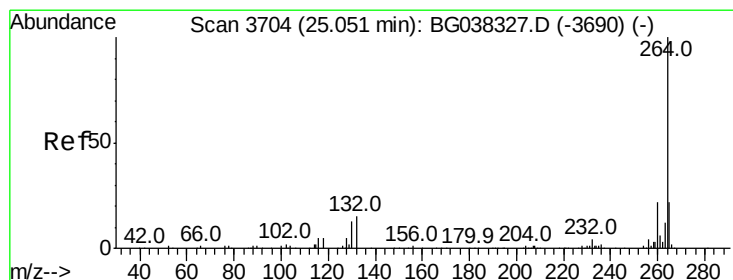
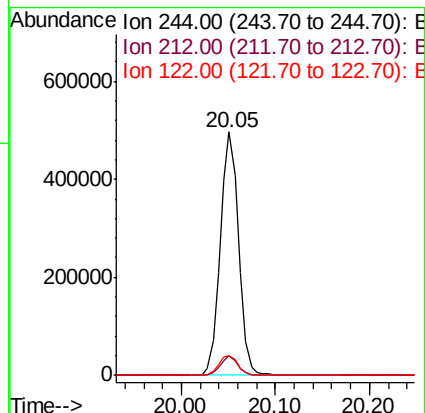
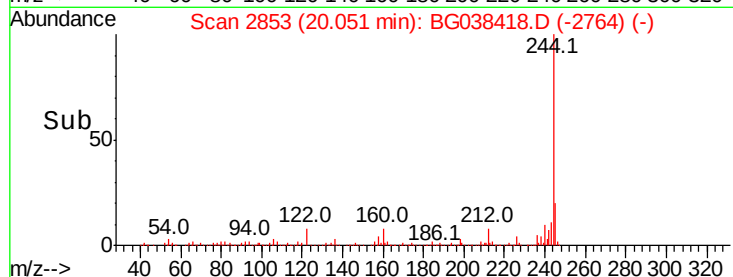
244 100

212 8.1 6.5 9.7

122 8.0 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: 25.03 min Scan# 3701

Delta R.T. -0.02 min

Lab File: BG038418.D

Acq: 8 Dec 2018 00:43

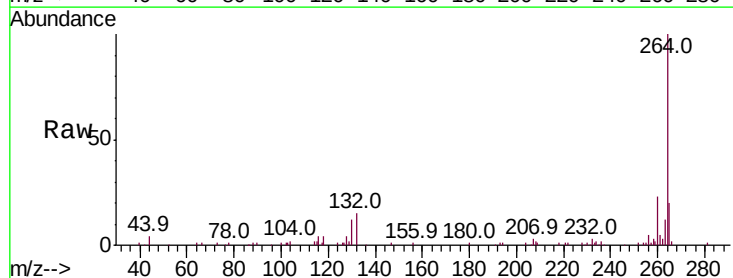
Tgt Ion:264 Resp: 156706

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 20.4 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

