

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
 Data File : BG040436.D
 Acq On : 11 Apr 2019 6:25
 Operator : JU/SJ
 Sample : PB118790BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118790BL

Quant Time: Apr 11 07:13:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	71158	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	271763	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	166328	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	439037	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	441197	20.00	ng	-0.04
87) Perylene-d12	24.97	264	431928	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	493249	115.23	ng	-0.02
7) Phenol-d6	7.21	99	666116	112.60	ng	-0.02
23) Nitrobenzene-d5	9.22	82	390932	76.46	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	229542	127.70	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	893960	79.64	ng	-0.02
79) Terphenyl-d14	20.02	244	1440404	73.45	ng	-0.03

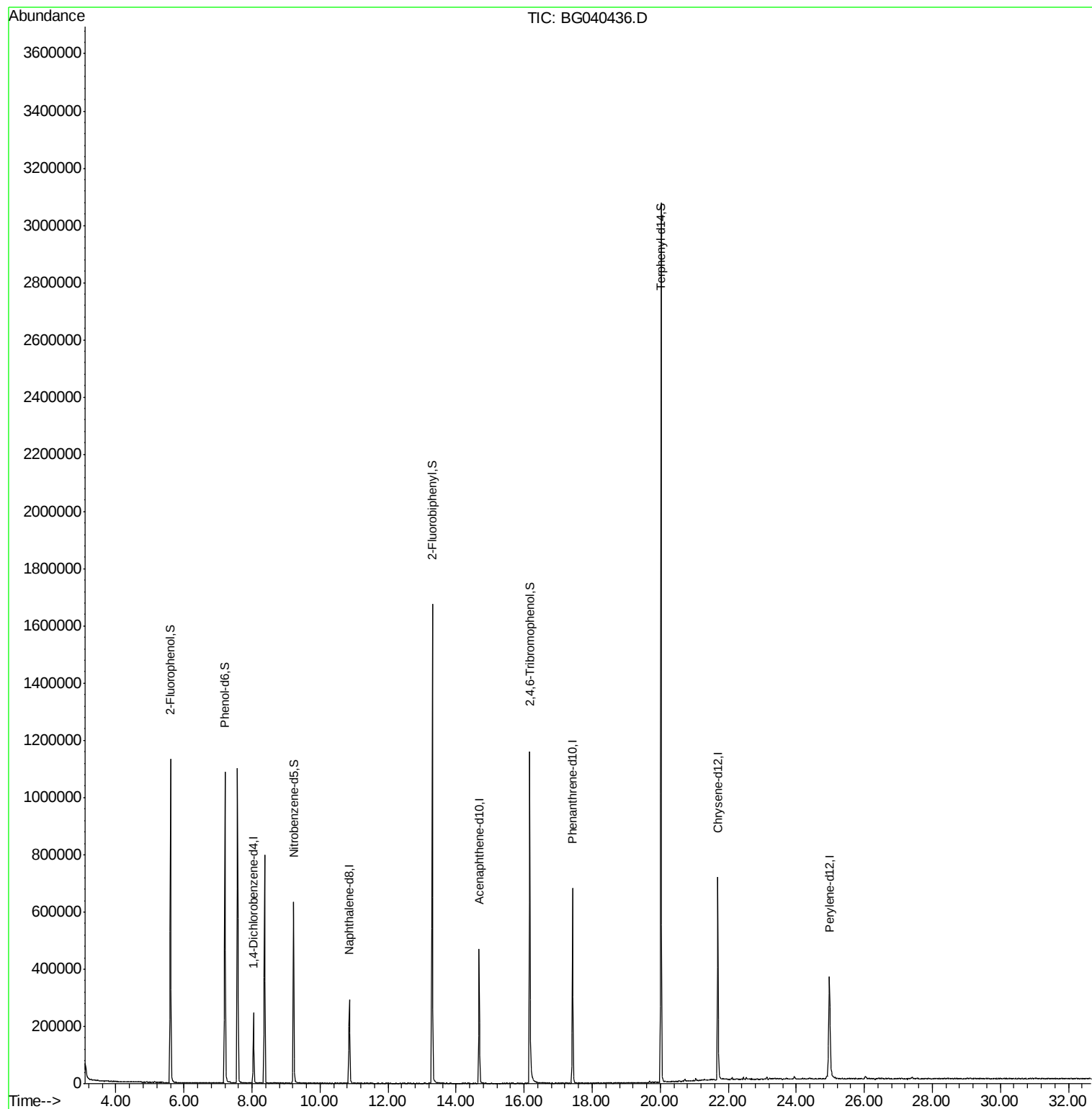
Target Compounds Qvalue

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

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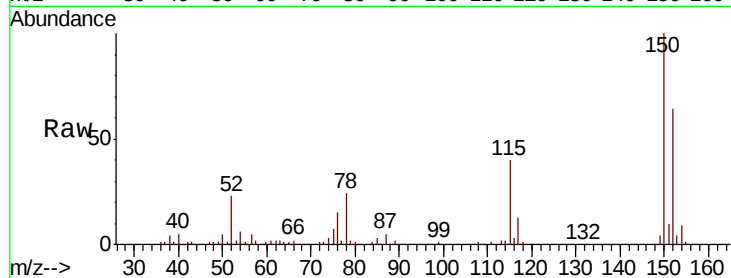


#1

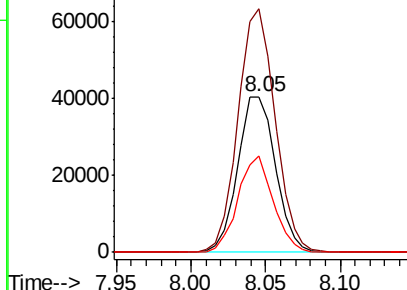
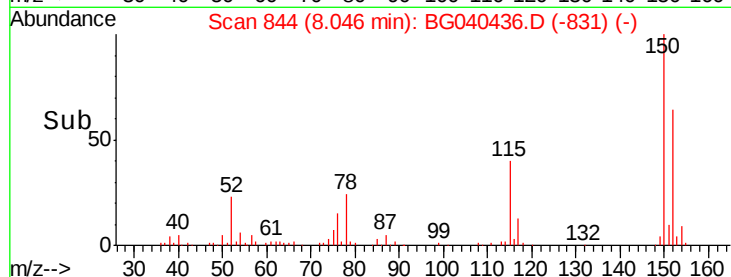
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040436.D
Acq: 11 Apr 2019 6:25

Instrument :
BNA_G
ClientSampleId :
PB118790BL

Tot Ion:152 Resp: 71158
Ion Ratio Lower Upper
152 100
150 156.2 123.7 185.5
115 61.9 46.9 70.3



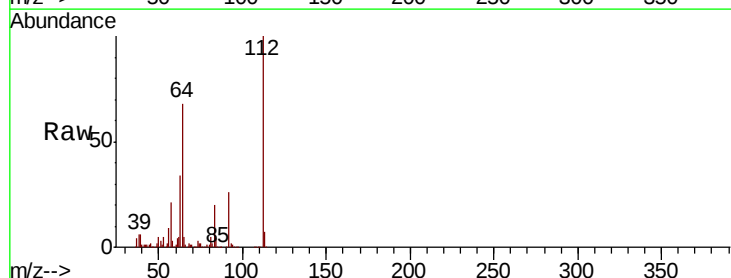
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



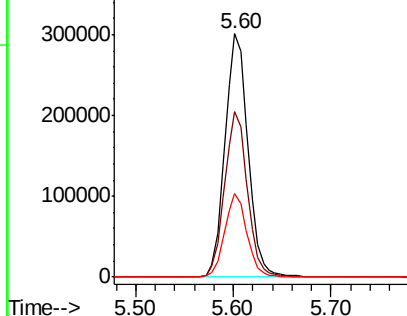
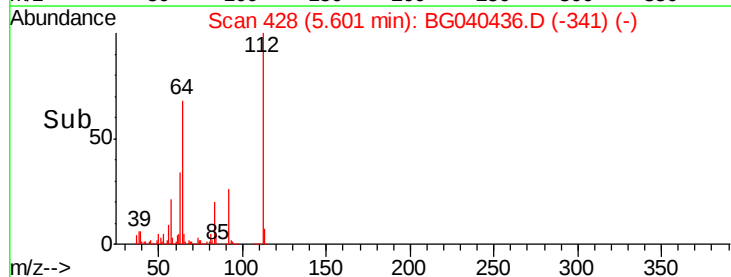
#5

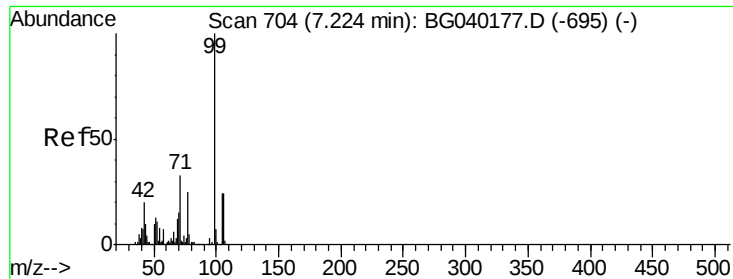
2-Fluorophenol
Concen: 115.234 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040436.D
Acq: 11 Apr 2019 6:25

Tgt Ion:112 Resp: 493249
Ion Ratio Lower Upper
112 100
64 68.0 54.2 81.2
63 34.3 26.4 39.6



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: 112.603 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040436.D

Acq: 11 Apr 2019 6:25

Instrument :

BNA_G

ClientSampleId :

PB118790BL

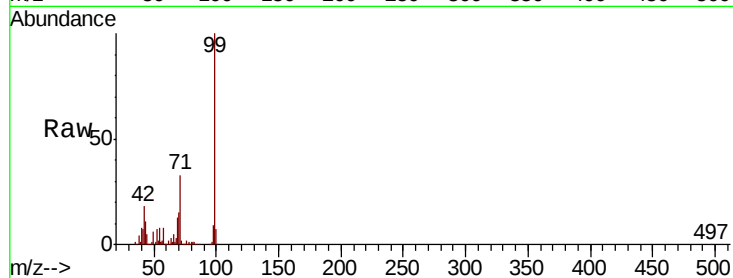
Tot Ion: 99 Resp: 666116

Ion Ratio Lower Upper

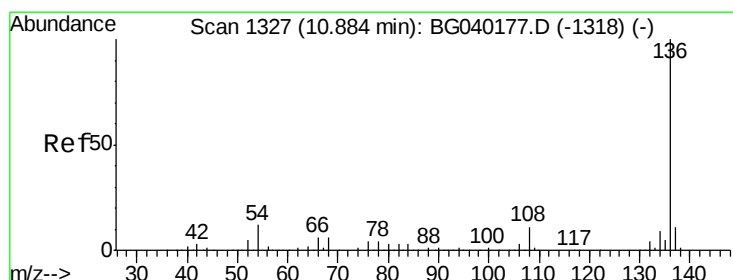
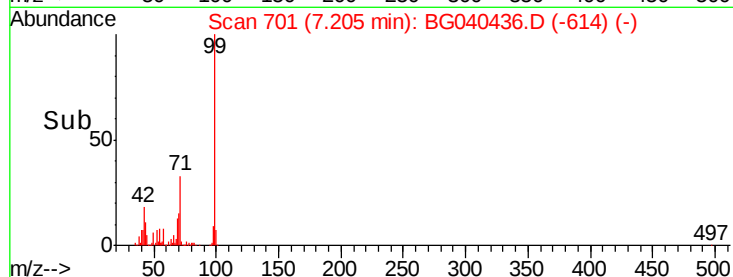
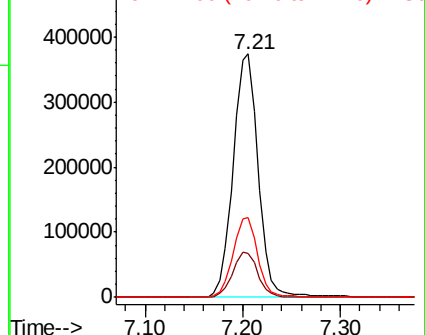
99 100

42 18.3 16.2 24.2

71 32.6 26.8 40.2



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: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040436.D

Acq: 11 Apr 2019 6:25

Tgt Ion: 136 Resp: 271763

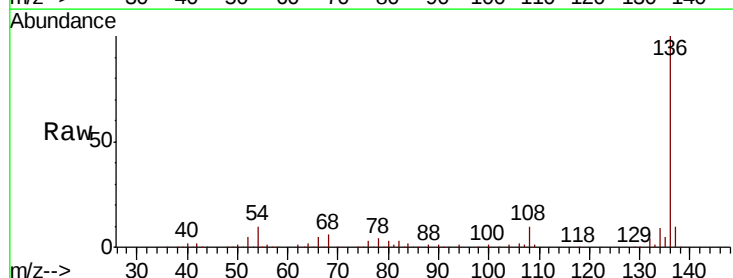
Ion Ratio Lower Upper

136 100

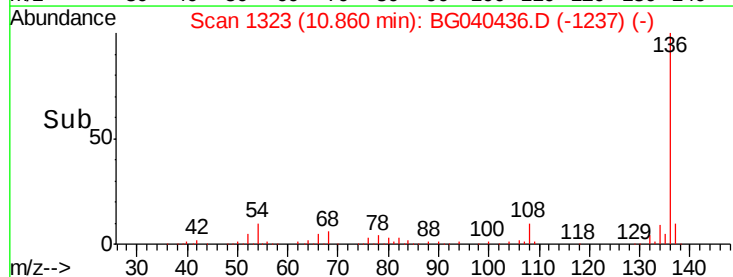
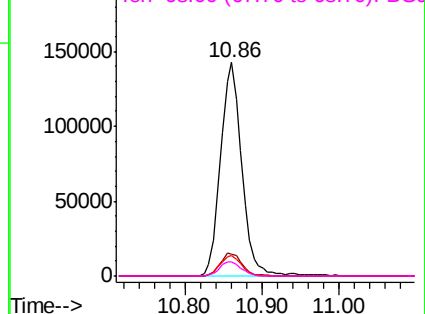
137 10.0 8.9 13.3

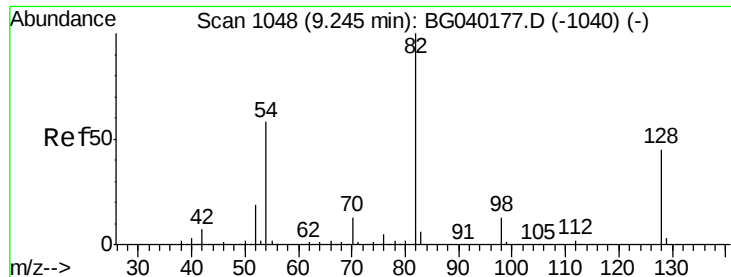
54 9.9 9.6 14.4

68 6.5 5.1 7.7



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

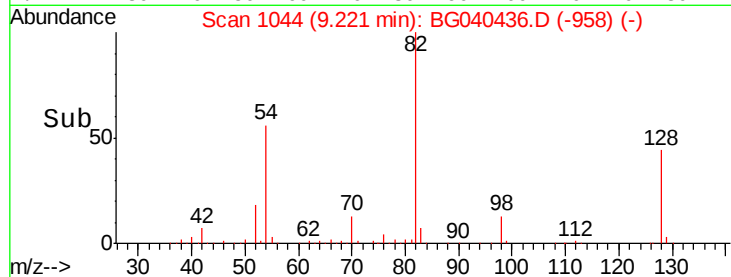
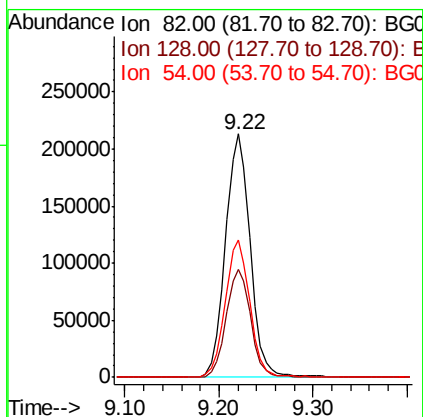
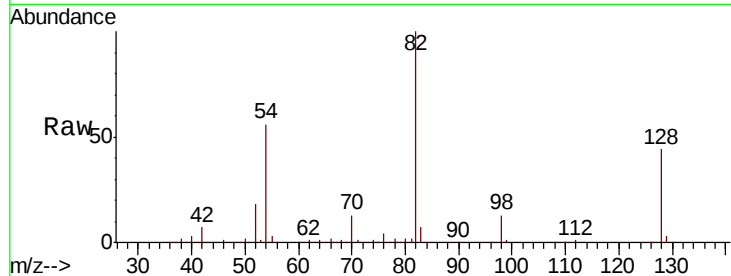




#23
Nitrobenzene-d5
Concen: 76.461 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040436.D
Acq: 11 Apr 2019 6:25

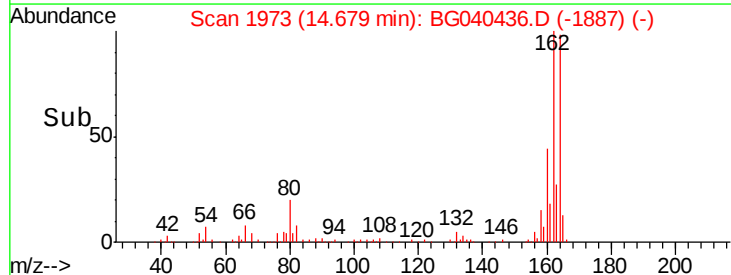
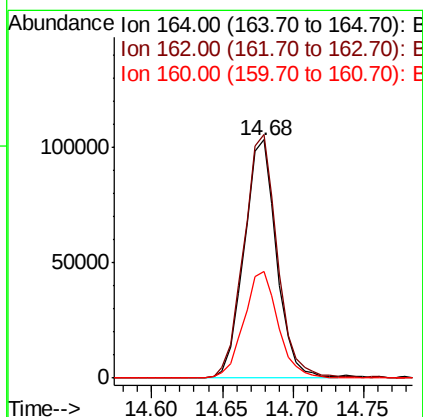
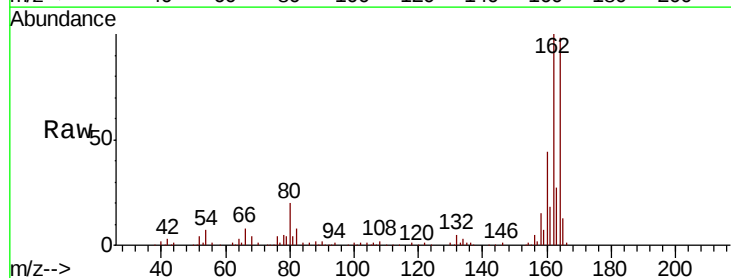
Instrument :
BNA_G
ClientSampled :
PB118790BL

Tot Ion: 82 Resp: 390932
Ion Ratio Lower Upper
82 100
128 44.3 35.8 53.8
54 56.2 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040436.D
Acq: 11 Apr 2019 6:25

Tgt Ion: 164 Resp: 166328
Ion Ratio Lower Upper
164 100
162 102.2 77.4 116.2
160 45.0 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 127.696 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040436.D

Acq: 11 Apr 2019 6:25

Instrument :

BNA_G

ClientSampleId :

PB118790BL

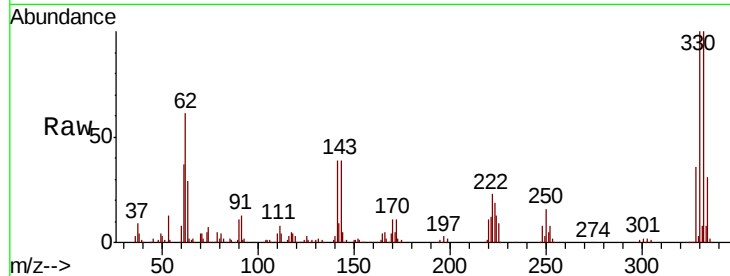
Tot Ion:330 Resp: 229542

Ion Ratio Lower Upper

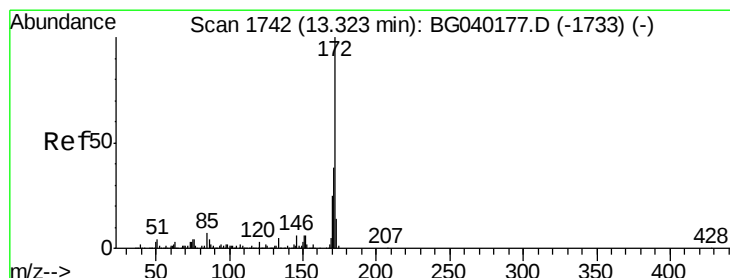
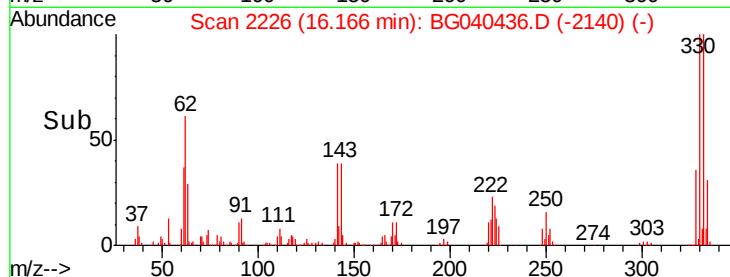
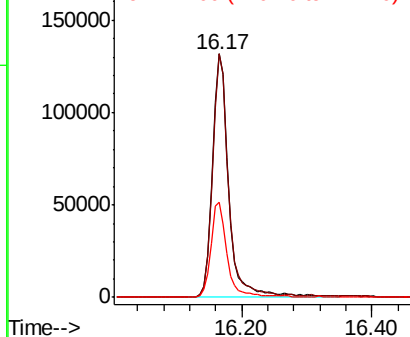
330 100

332 96.5 76.6 115.0

141 38.1 32.6 48.8



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: 79.640 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG040436.D

Acq: 11 Apr 2019 6:25

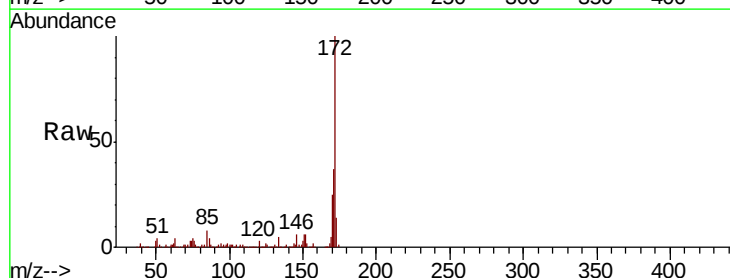
Tgt Ion:172 Resp: 893960

Ion Ratio Lower Upper

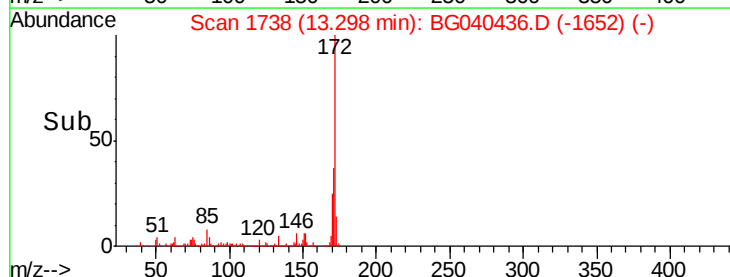
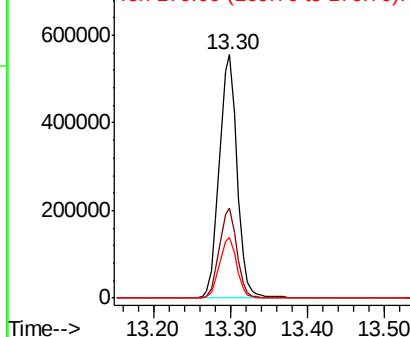
172 100

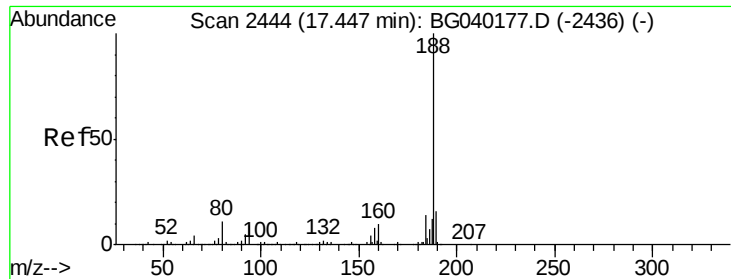
171 37.2 30.5 45.7

170 25.1 20.1 30.1



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: 17.42 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040436.D

Acq: 11 Apr 2019 6:25

Instrument :

BNA_G

ClientSampleId :

PB118790BL

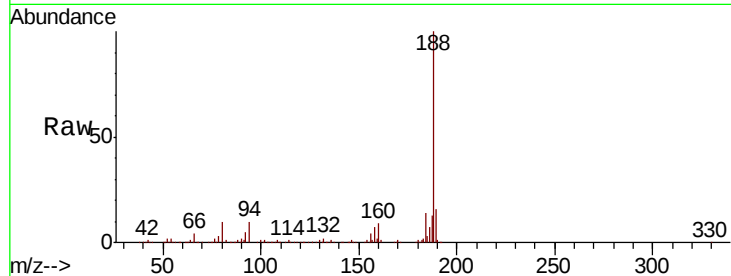
Tot Ion:188 Resp: 439037

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.4

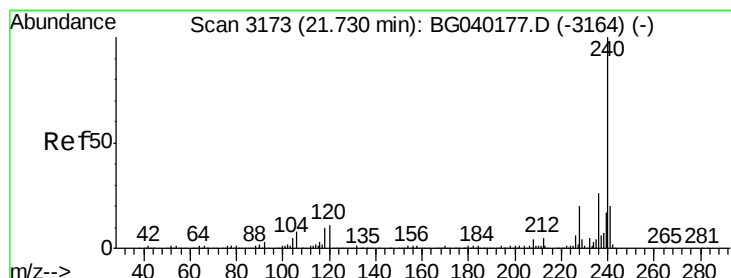
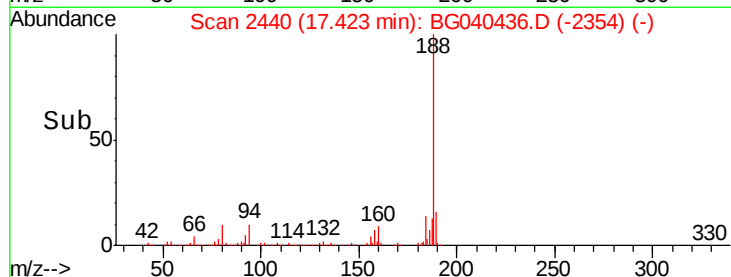
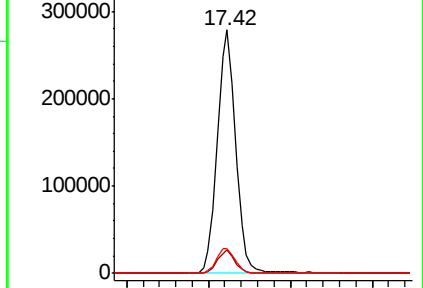
80 9.9 8.6 13.0



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: 21.69 min Scan# 3167

Delta R.T. -0.04 min

Lab File: BG040436.D

Acq: 11 Apr 2019 6:25

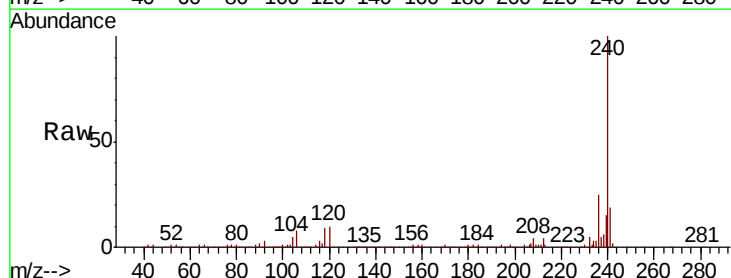
Tgt Ion:240 Resp: 441197

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

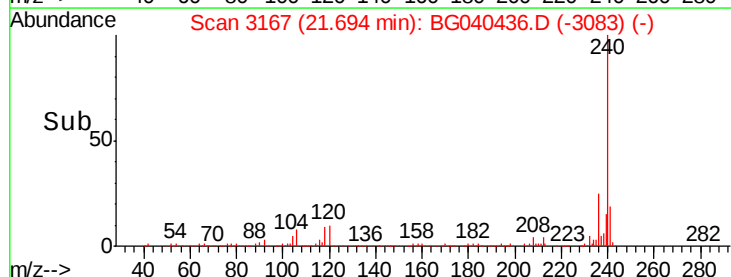
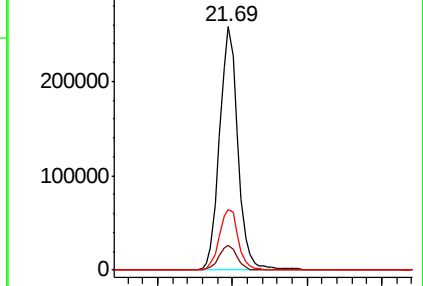
236 25.1 20.8 31.2



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: 73.446 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040436.D

Acq: 11 Apr 2019 6:25

Instrument :

BNA_G

ClientSampleId :

PB118790BL

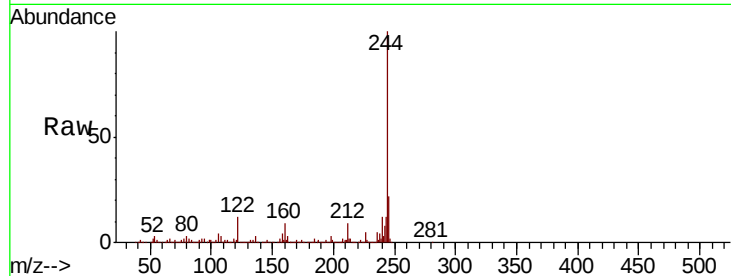
Tot Ion:244 Resp: 1440404

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

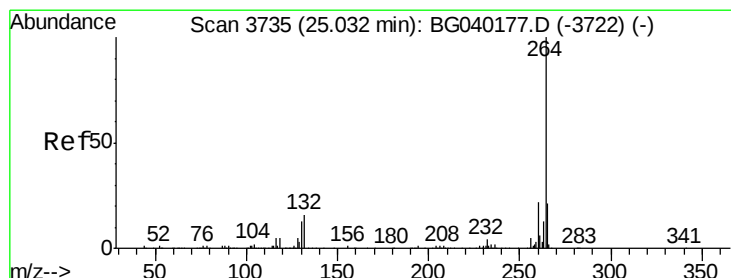
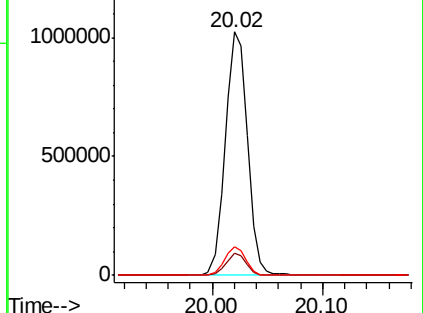
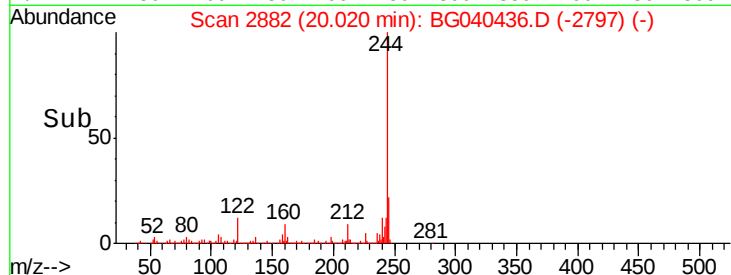
122 12.0 8.5 12.7



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: 24.97 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040436.D

Acq: 11 Apr 2019 6:25

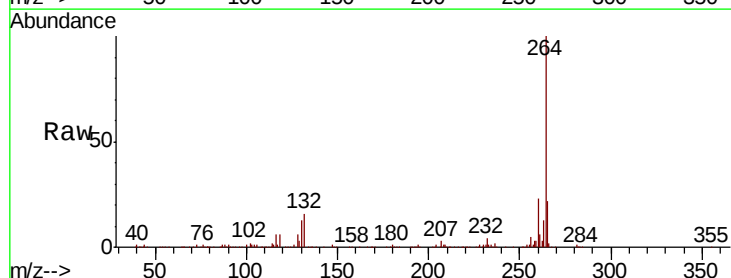
Tgt Ion:264 Resp: 431928

Ion Ratio Lower Upper

264 100

260 23.5 17.9 26.9

265 22.2 16.8 25.2



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

