

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040919\
 Data File : BG040410.D
 Acq On : 9 Apr 2019 22:28
 Operator : JU/SJ
 Sample : PB118723BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118723BL

Quant Time: Apr 10 04:37:52 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	39700	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	155165	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	91943	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	253190	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	296498	20.00	ng	-0.04
87) Perylene-d12	24.97	264	309904	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	187285	78.42	ng	-0.02
7) Phenol-d6	7.20	99	256237	77.64	ng	-0.02
23) Nitrobenzene-d5	9.22	82	146513	50.19	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	70168	70.62	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	353614	56.99	ng	-0.02
79) Terphenyl-d14	20.02	244	685146	51.98	ng	-0.03

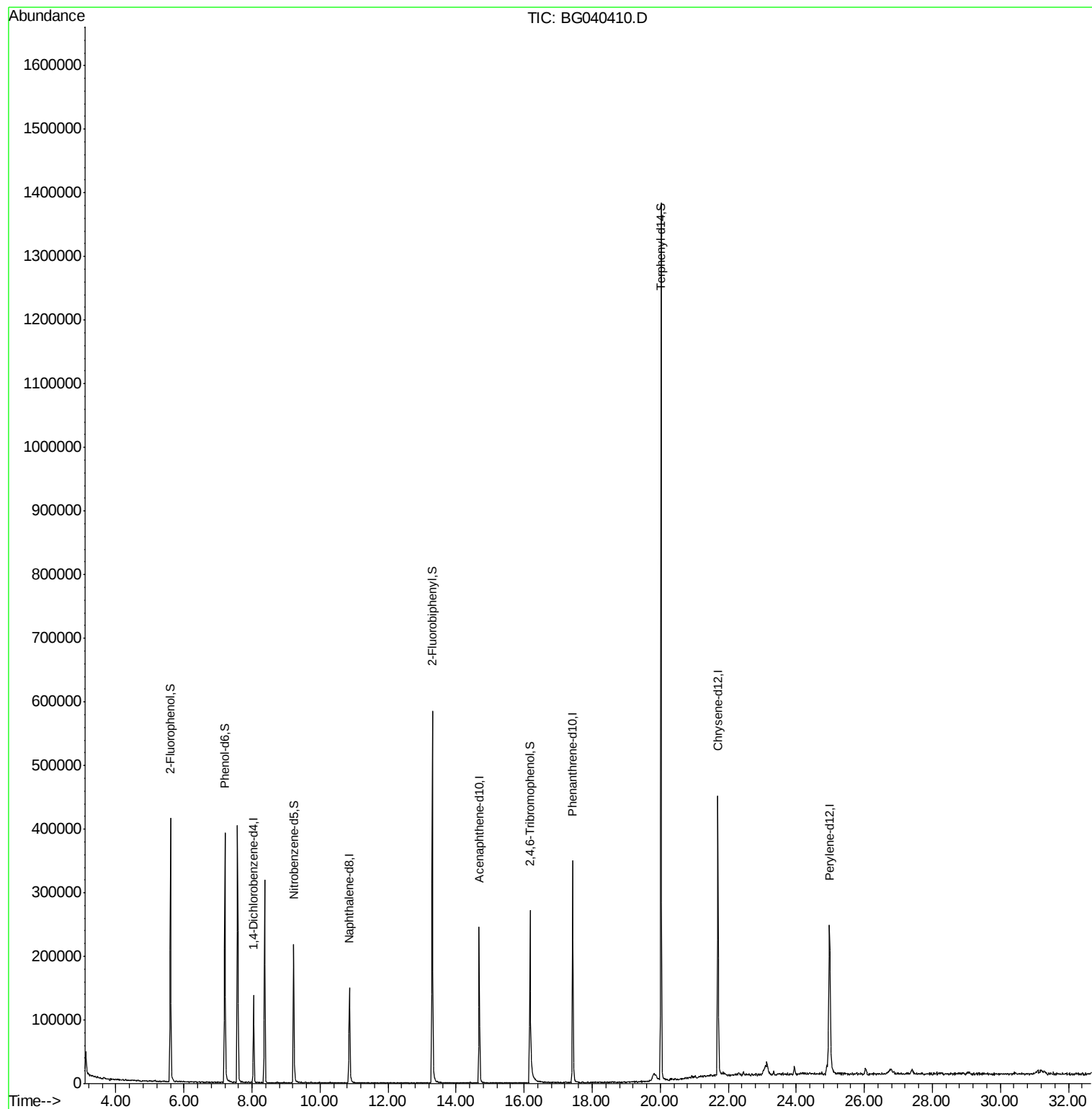
Target Compounds	Qvalue
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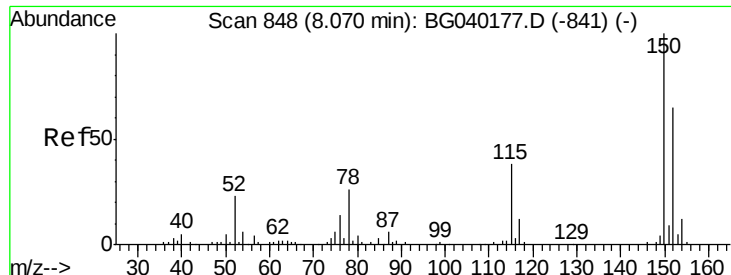
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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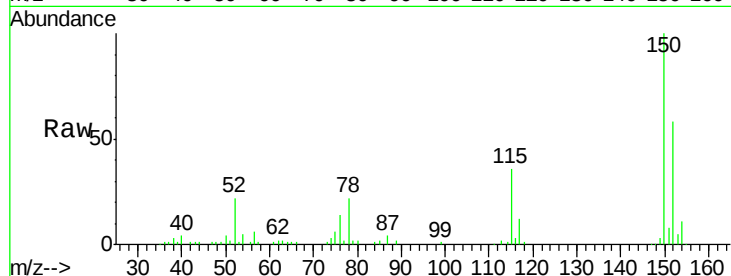


#1

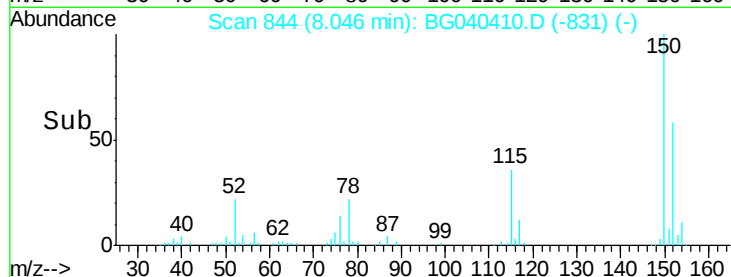
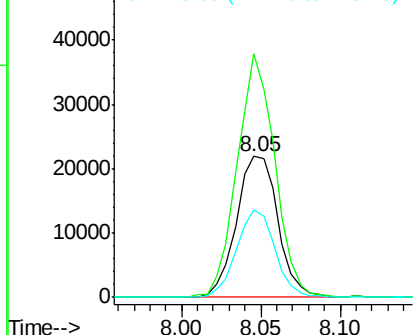
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040410.D
Acq: 9 Apr 2019 22:28

Instrument :
BNA_G
ClientSampleId :
PB118723BL

Tgt Ion:152 Resp: 39700
Ion Ratio Lower Upper
152 100
150 173.0 123.7 185.5
115 62.5 46.9 70.3



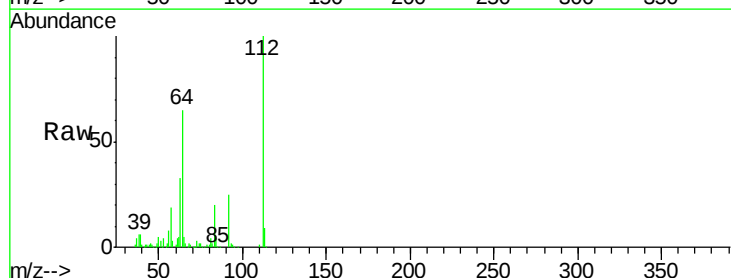
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



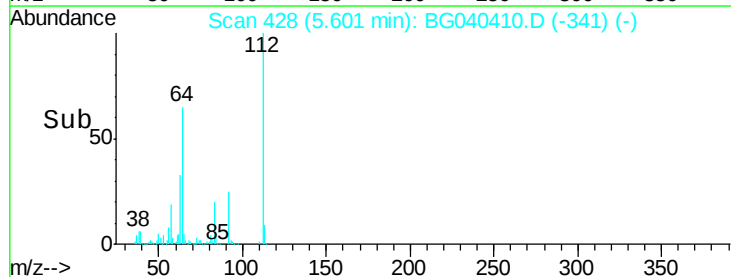
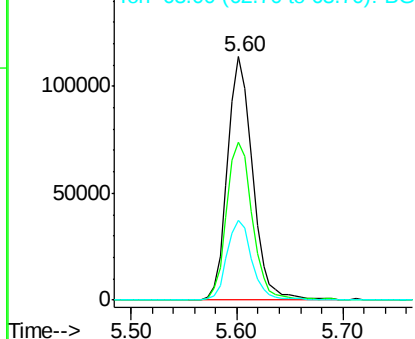
#5

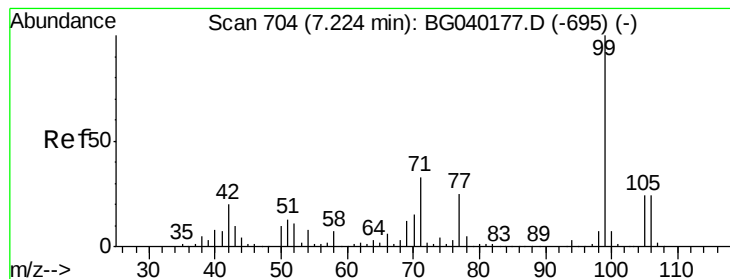
2-Fluorophenol
Concen: 78.424 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040410.D
Acq: 9 Apr 2019 22:28

Tgt Ion:112 Resp: 187285
Ion Ratio Lower Upper
112 100
64 64.9 54.2 81.2
63 32.7 26.4 39.6



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: 77.638 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040410.D

Acq: 9 Apr 2019 22:28

Instrument :

BNA_G

ClientSampleId :

PB118723BL

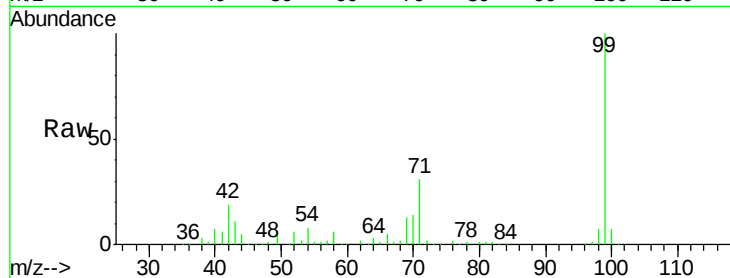
Tgt Ion: 99 Resp: 256237

Ion Ratio Lower Upper

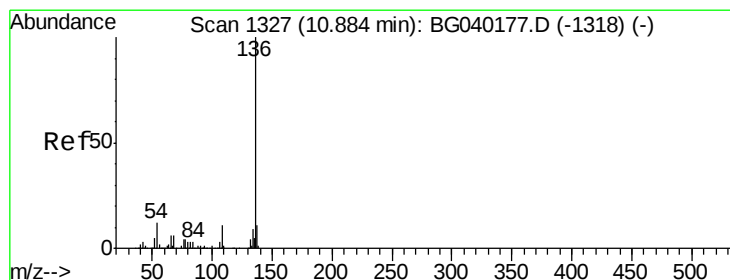
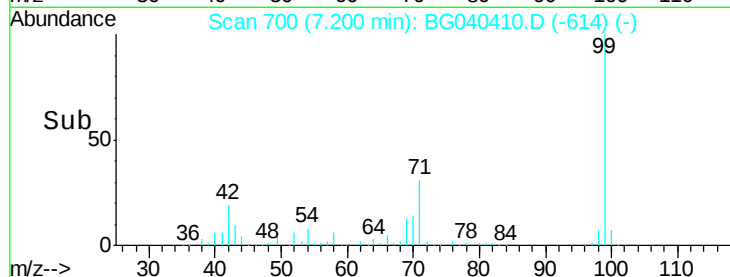
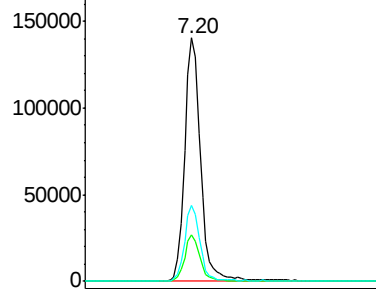
99 100

42 19.1 16.2 24.2

71 31.0 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: 10.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BG040410.D

Acq: 9 Apr 2019 22:28

Tgt Ion: 136 Resp: 155165

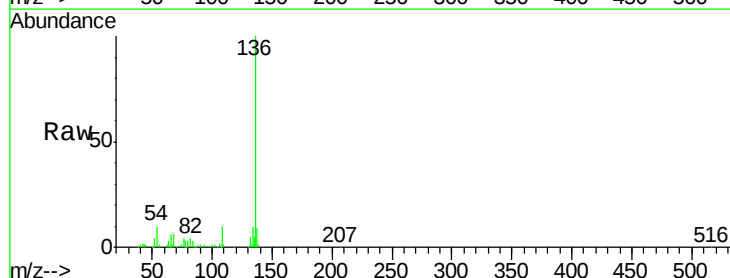
Ion Ratio Lower Upper

136 100

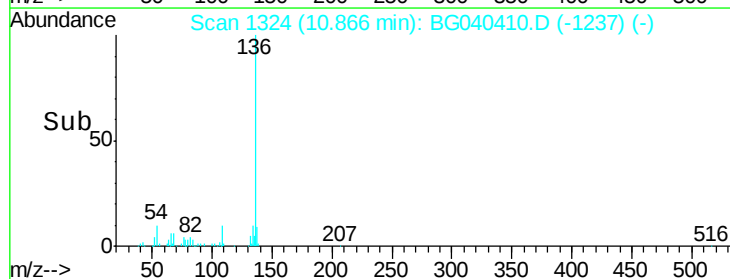
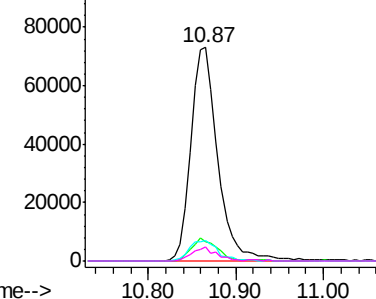
137 9.1 8.9 13.3

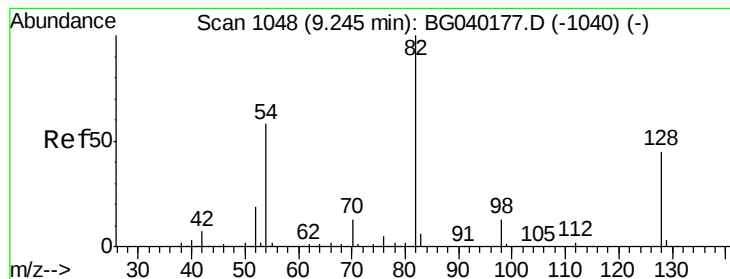
54 9.8 9.6 14.4

68 6.4 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: 50.190 ng

RT: 9.22 min Scan# 1044

Delta R.T. -0.02 min

Lab File: BG040410.D

Acq: 9 Apr 2019 22:28

Instrument :

BNA_G

ClientSampleId :

PB118723BL

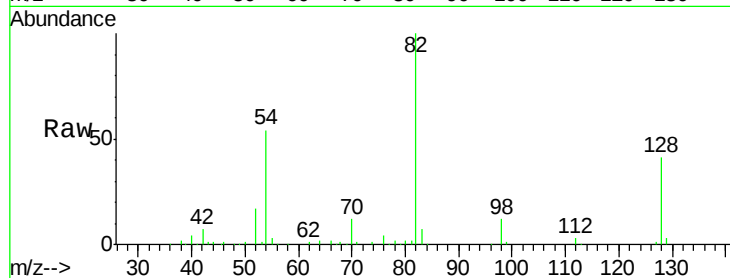
Tgt Ion: 82 Resp: 146513

Ion Ratio Lower Upper

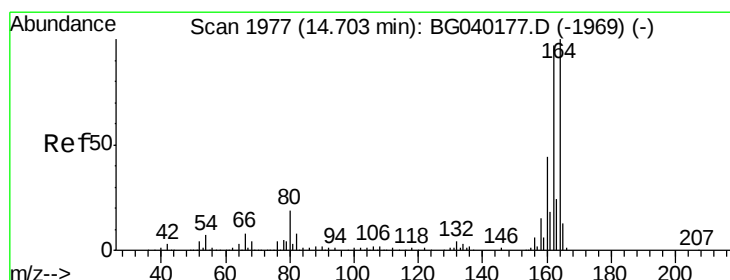
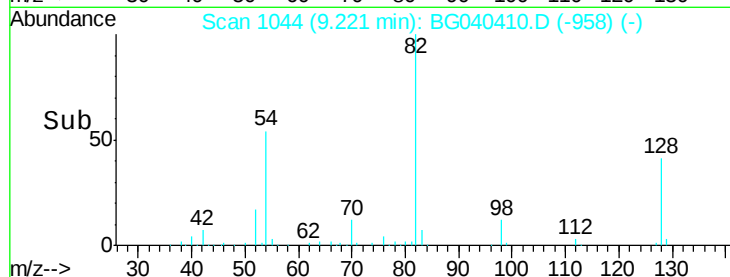
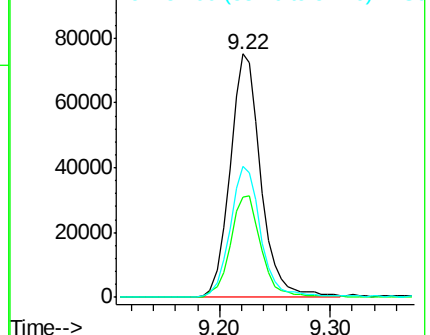
82 100

128 41.1 35.8 53.8

54 53.6 46.2 69.2



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: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040410.D

Acq: 9 Apr 2019 22:28

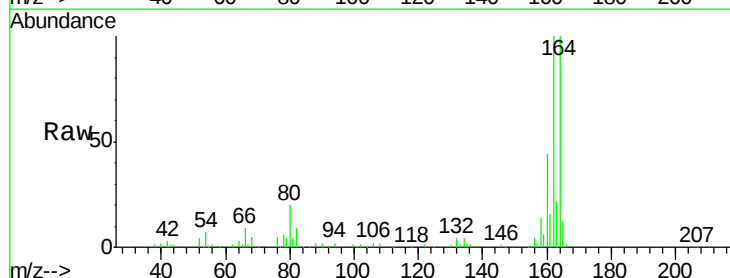
Tgt Ion: 164 Resp: 91943

Ion Ratio Lower Upper

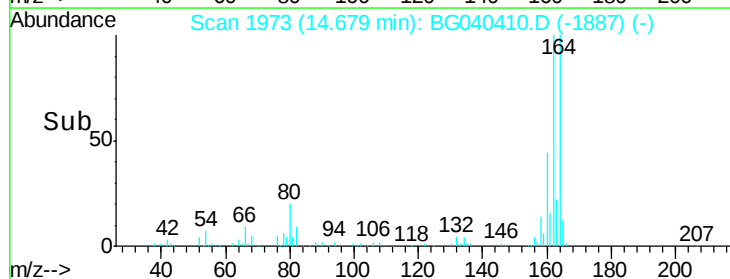
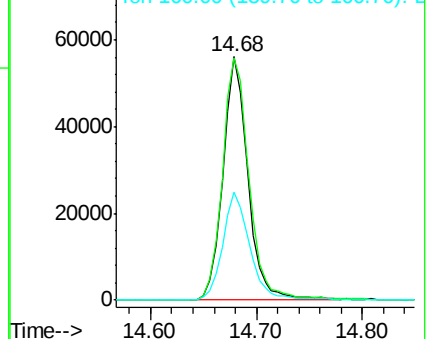
164 100

162 99.5 77.4 116.2

160 44.1 35.3 52.9



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

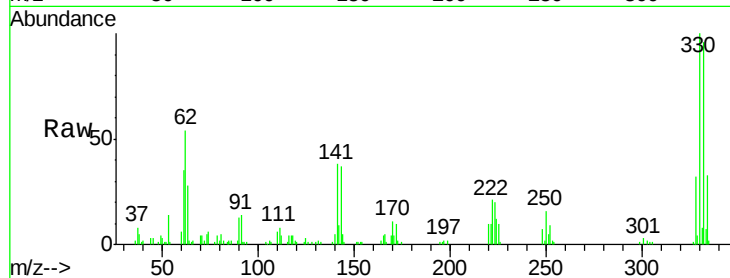




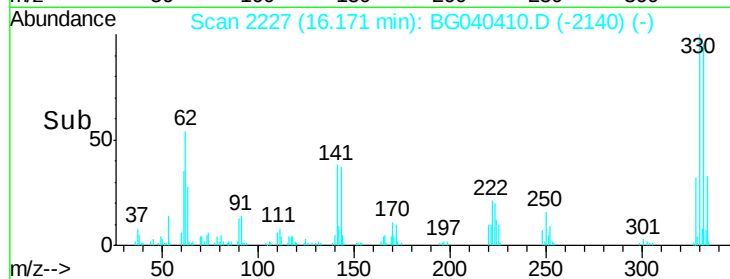
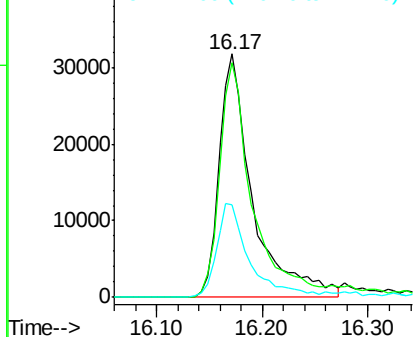
#42
 2,4,6-Tribromophenol
 Concen: 70.615 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG040410.D
 Acq: 9 Apr 2019 22:28

Instrument :
 BNA_G
 ClientSampleId :
 PB118723BL

Tgt Ion:330 Resp: 70168
 Ion Ratio Lower Upper
 330 100
 332 92.8 76.6 115.0
 141 37.6 32.6 48.8

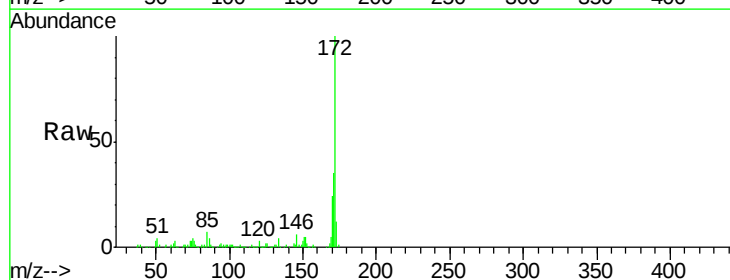


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

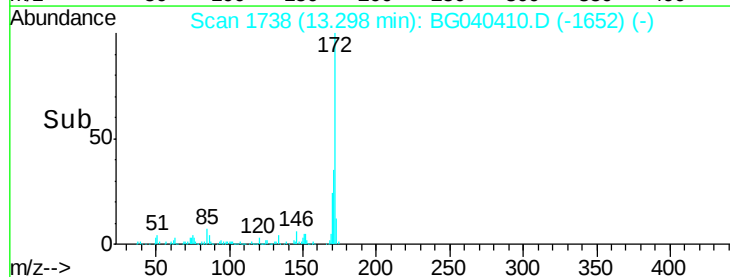
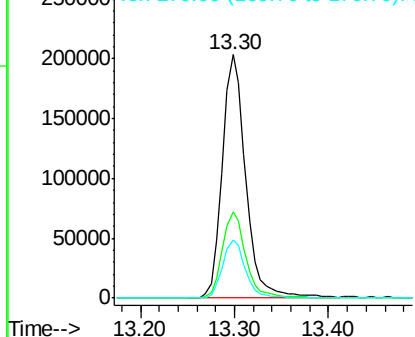


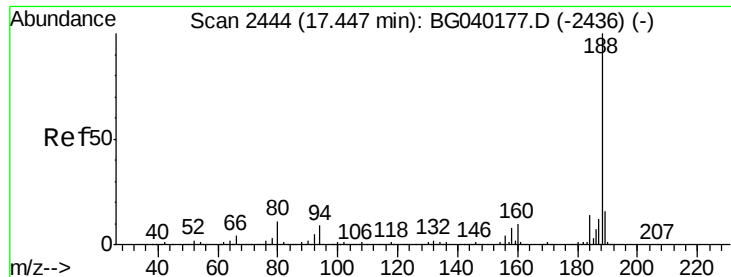
#45
 2-Fluorobiphenyl
 Concen: 56.989 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG040410.D
 Acq: 9 Apr 2019 22:28

Tgt Ion:172 Resp: 353614
 Ion Ratio Lower Upper
 172 100
 171 35.4 30.5 45.7
 170 24.0 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

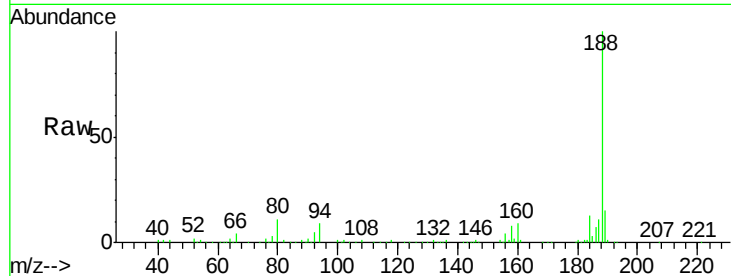




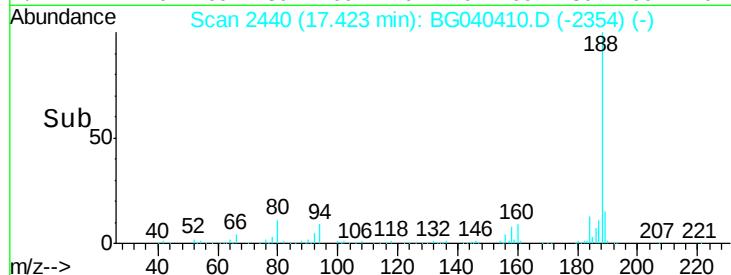
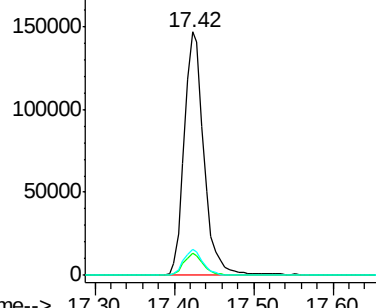
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040410.D
Acq: 9 Apr 2019 22:28

Instrument :
BNA_G
ClientSampleId :
PB118723BL

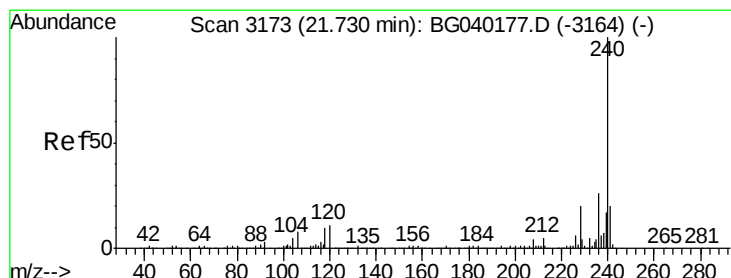
Tgt Ion:188 Resp: 253190
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.4
80 10.6 8.6 13.0



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

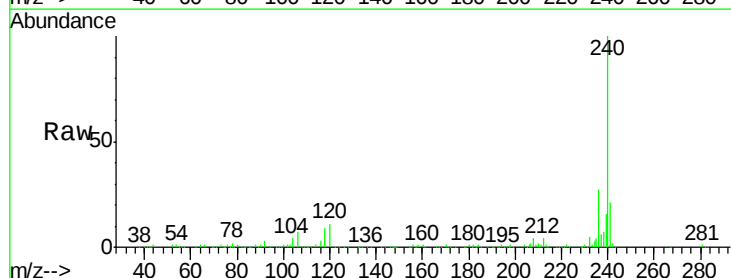


Time--> 17.30 17.40 17.50 17.60

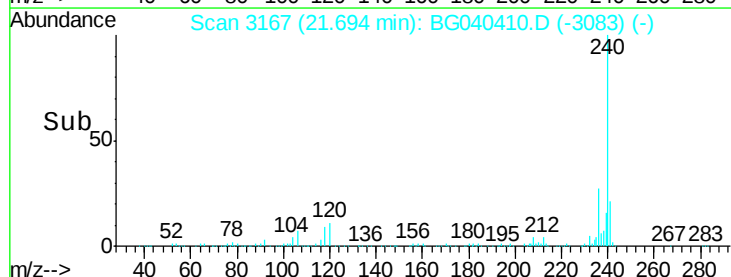
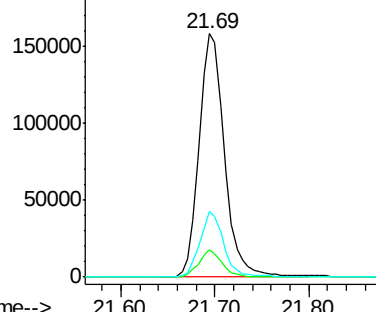


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.04 min
Lab File: BG040410.D
Acq: 9 Apr 2019 22:28

Tgt Ion:240 Resp: 296498
Ion Ratio Lower Upper
240 100
120 11.3 8.4 12.6
236 26.8 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



Time--> 21.60 21.70 21.80



#79

Terphenyl-d14

Concen: 51.985 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040410.D

Acq: 9 Apr 2019 22:28

Instrument :

BNA_G

ClientSampleId :

PB118723BL

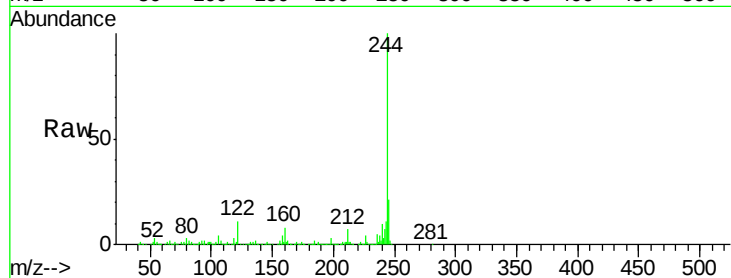
Tgt Ion:244 Resp: 685146

Ion Ratio Lower Upper

244 100

212 7.5 7.0 10.6

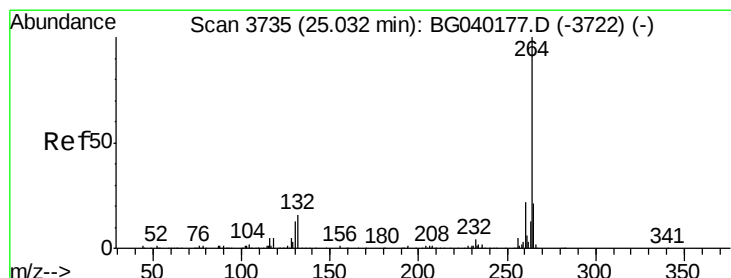
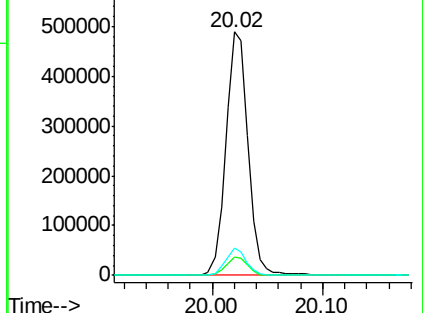
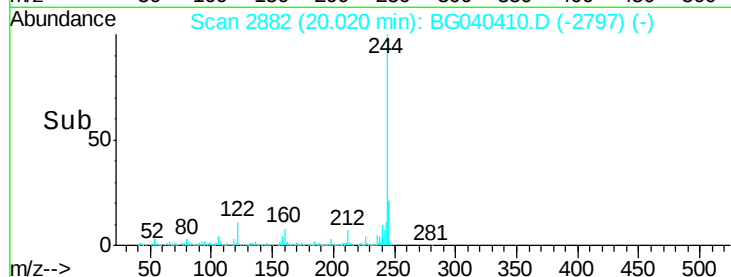
122 11.3 8.5 12.7



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: BG040410.D

Acq: 9 Apr 2019 22:28

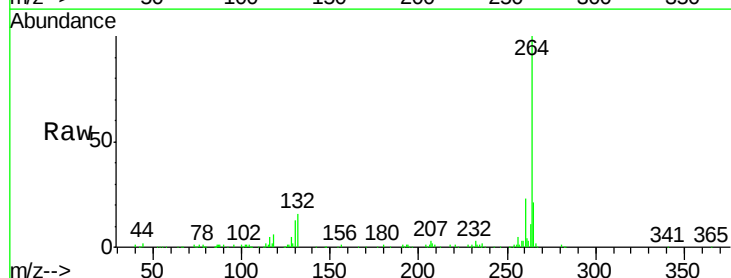
Tgt Ion:264 Resp: 309904

Ion Ratio Lower Upper

264 100

260 22.9 17.9 26.9

265 21.2 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

