

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
 Data File : BM010813.D
 Acq On : 13 Jul 2017 15:31
 Operator : SJ/JU
 Sample : PB100537BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB100537BL

Quant Time: Jul 13 16:21:05 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	216582	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	753672	20.00	ng	0.00
38) Acenaphthene-d10	14.10	164	439743	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	952619	20.00	ng	0.00
75) Chrysene-d12	21.06	240	981181	20.00	ng	0.00
86) Perylene-d12	23.20	264	836144	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1734872	132.69	ng	0.00
7) Phenol-d6	6.64	99	2200901	122.10	ng	0.00
23) Nitrobenzene-d5	8.59	82	1647904	84.04	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	811818	120.80	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	3183753	90.07	ng	0.00
78) Terphenyl-d14	19.51	244	3967806	78.21	ng	0.00

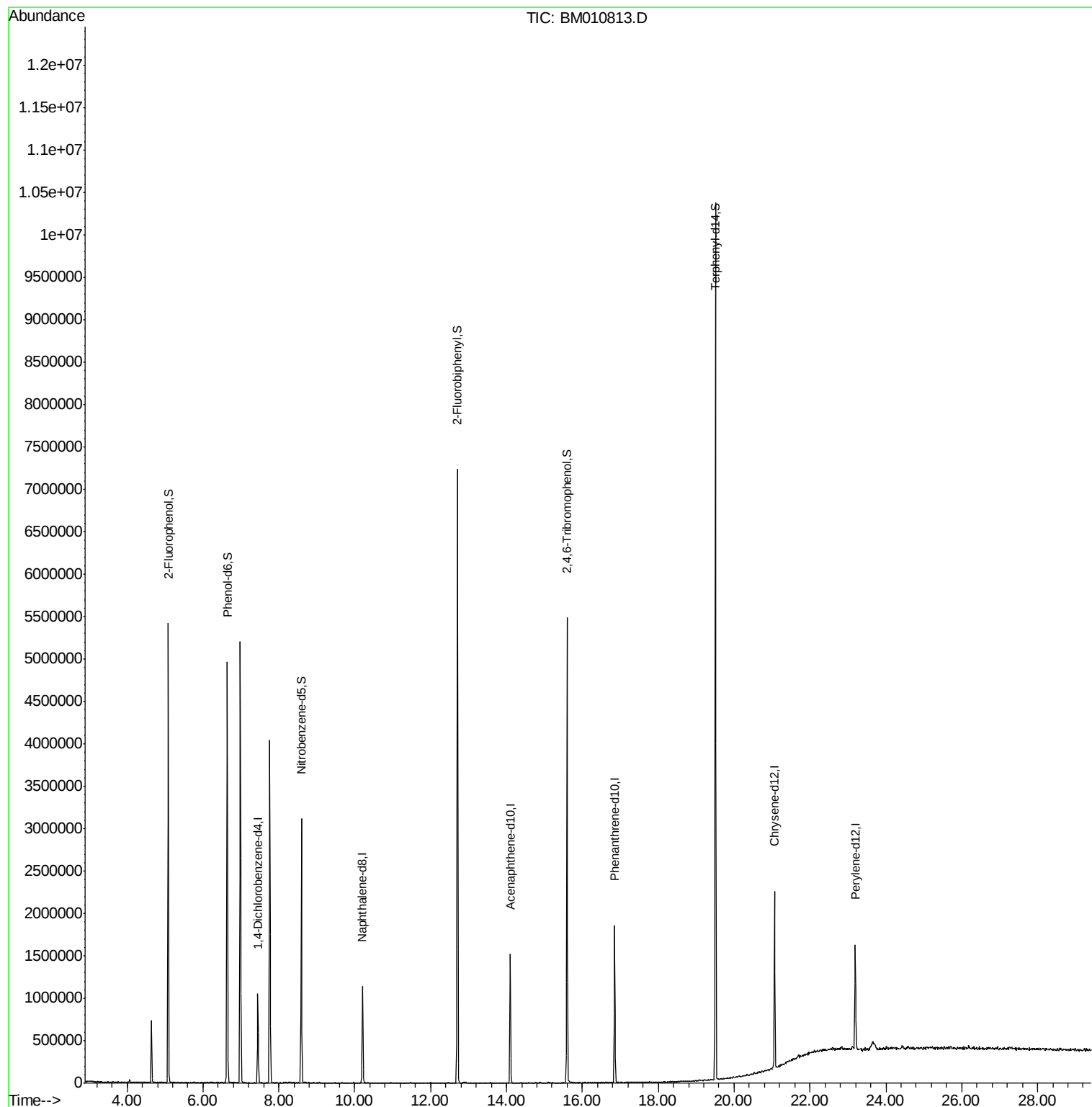
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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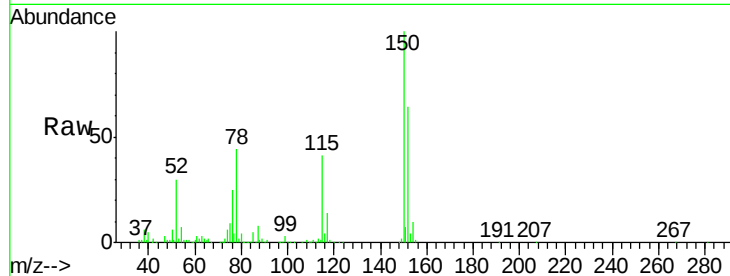


#1

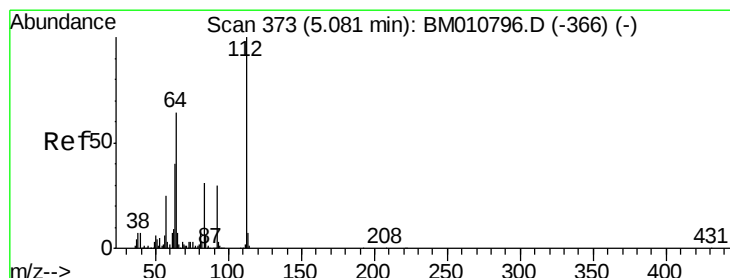
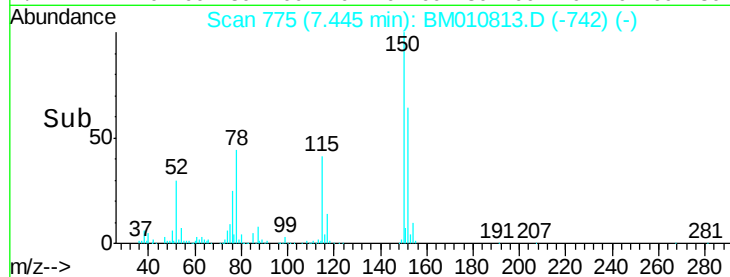
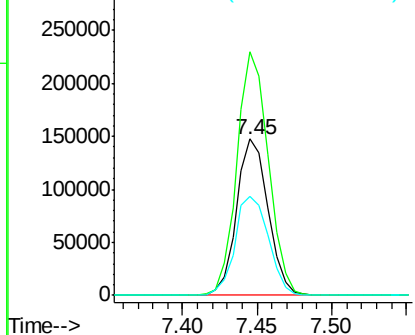
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM010813.D
Acq: 13 Jul 2017 15:31

Instrument :
BNA_M
ClientSampleId :
PB100537BL

Tgt Ion:152 Resp: 216582
Ion Ratio Lower Upper
152 100
150 156.0 119.5 179.3
115 63.5 43.0 64.4



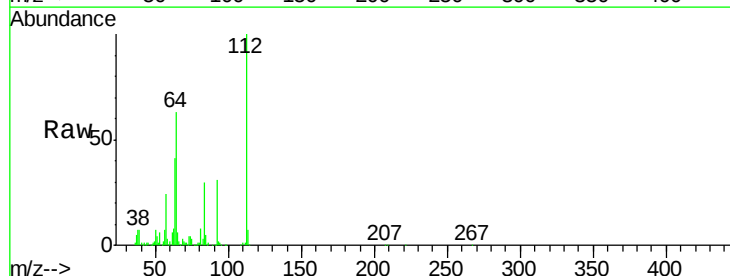
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



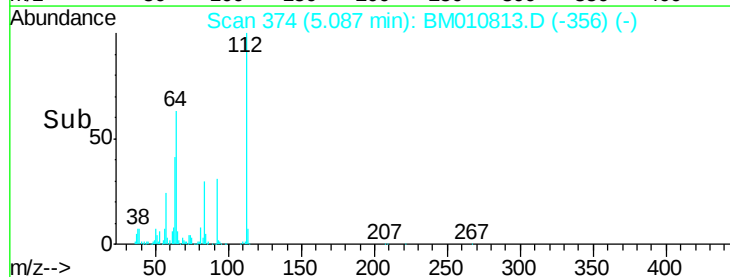
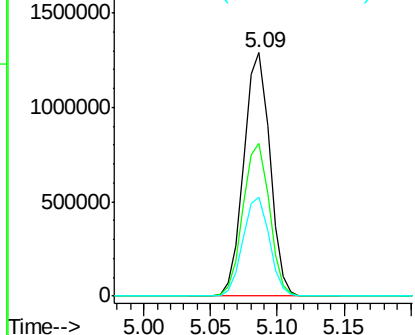
#5

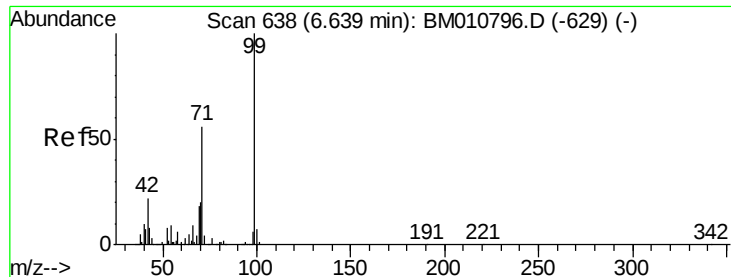
2-Fluorophenol
Concen: 132.689 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM010813.D
Acq: 13 Jul 2017 15:31

Tgt Ion:112 Resp: 1734872
Ion Ratio Lower Upper
112 100
64 62.9 38.6 57.8#
63 40.6 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 122.105 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010813.D

Acq: 13 Jul 2017 15:31

Instrument :

BNA_M

ClientSampleId :

PB100537BL

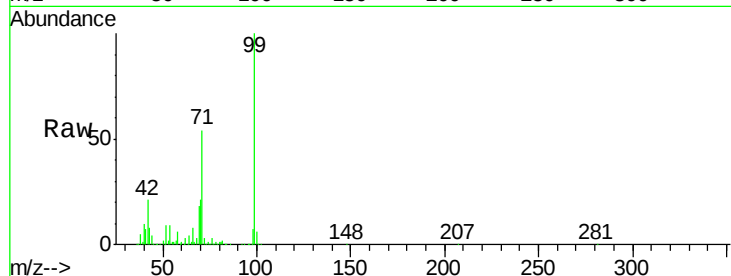
Tgt Ion: 99 Resp: 2200901

Ion Ratio Lower Upper

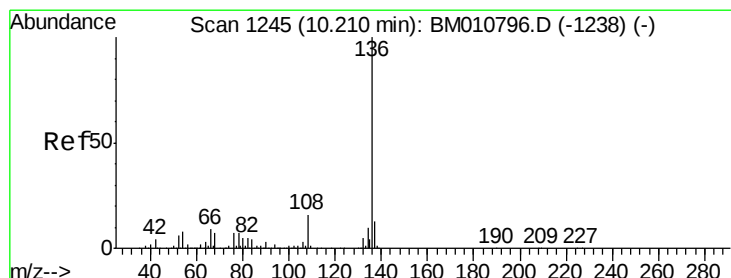
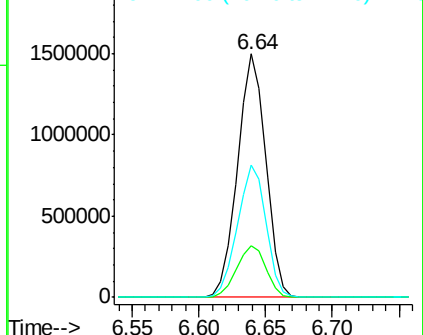
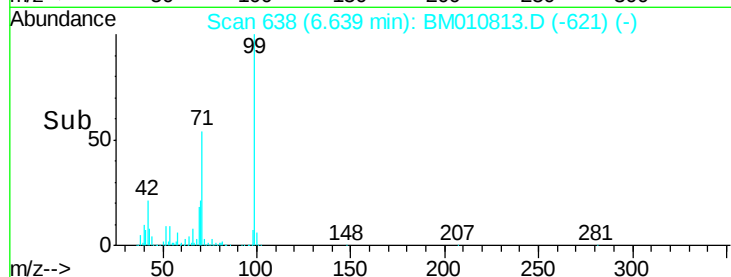
99 100

42 21.4 11.0 16.4#

71 54.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010813.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM010813.D

Acq: 13 Jul 2017 15:31

Tgt Ion: 136 Resp: 753672

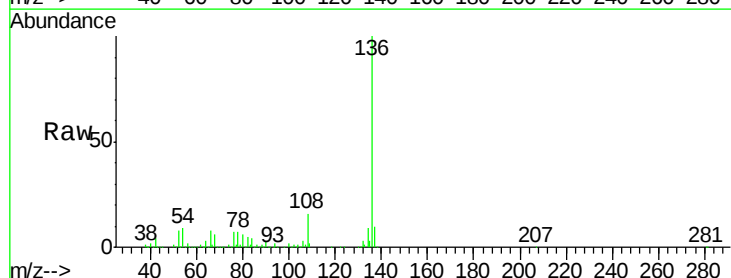
Ion Ratio Lower Upper

136 100

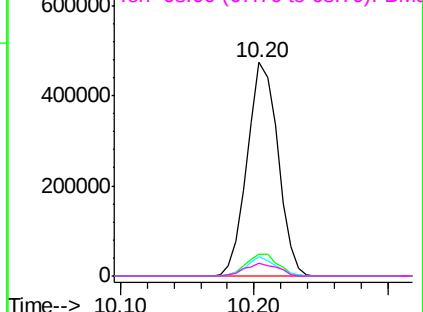
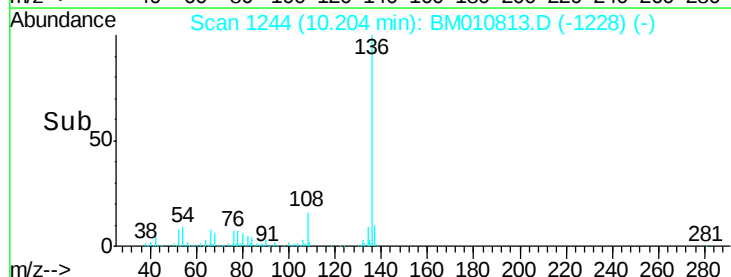
137 10.0 8.7 13.1

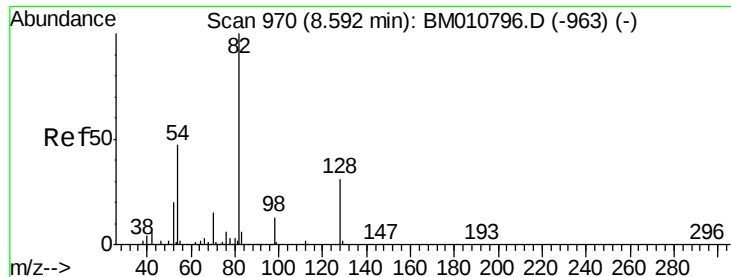
54 9.2 4.6 6.8#

68 5.8 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM010813.D (-1228) (-)

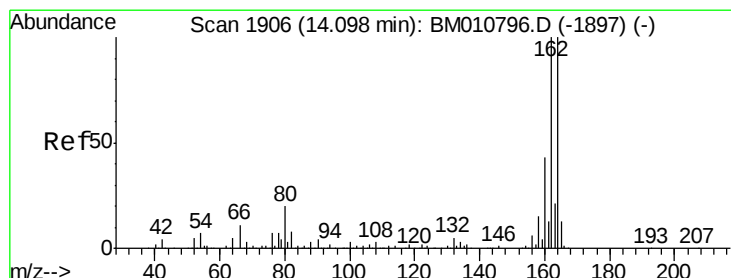
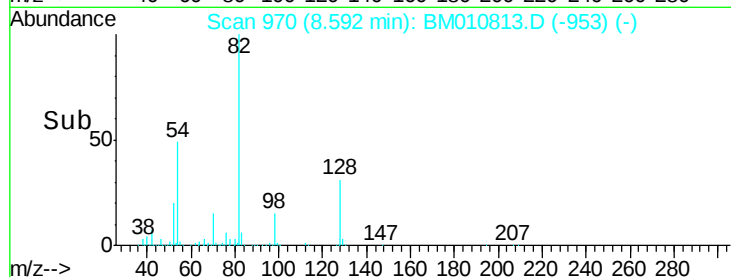
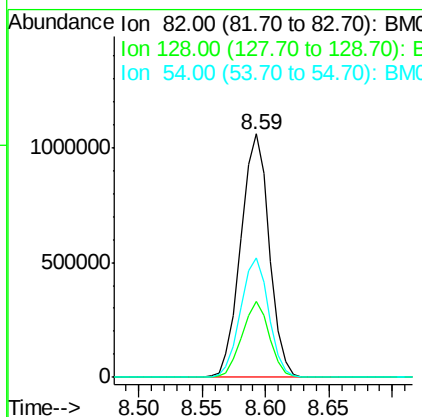
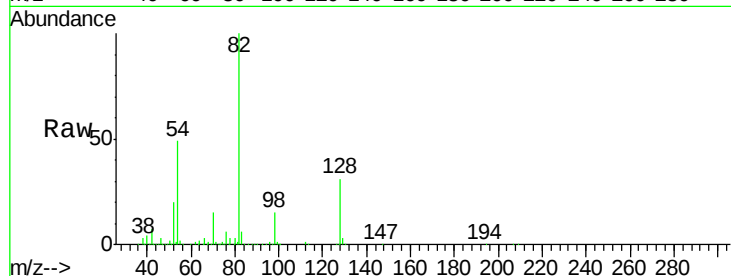




#23
 Nitrobenzene-d5
 Concen: 84.044 ng
 RT: 8.59 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BM010813.D
 Acq: 13 Jul 2017 15:31

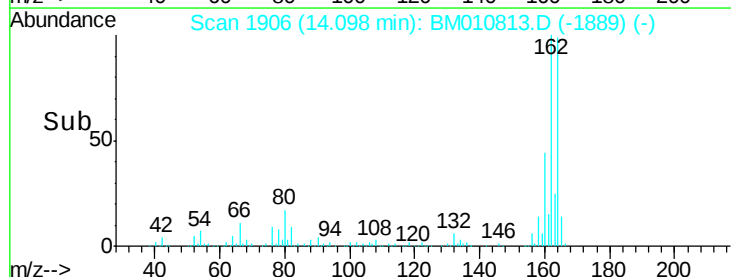
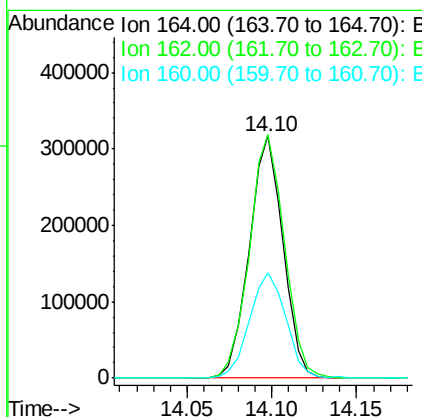
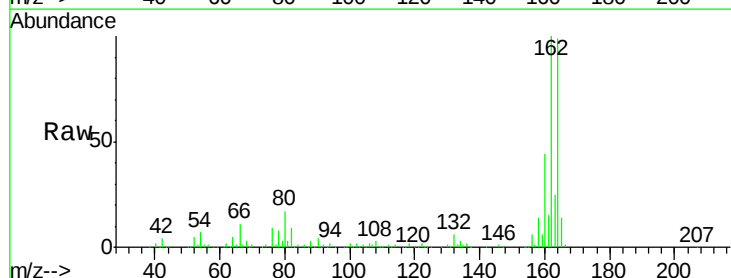
Instrument :
 BNA_M
 ClientSampleId :
 PB100537BL

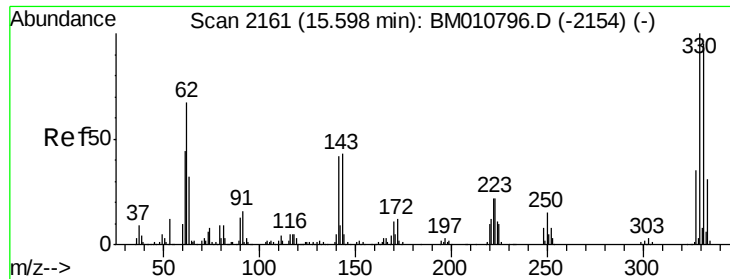
Tgt Ion: 82 Resp: 1647904
 Ion Ratio Lower Upper
 82 100
 128 31.0 32.8 49.2#
 54 49.2 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.10 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BM010813.D
 Acq: 13 Jul 2017 15:31

Tgt Ion: 164 Resp: 439743
 Ion Ratio Lower Upper
 164 100
 162 100.5 82.4 123.6
 160 43.8 35.8 53.6

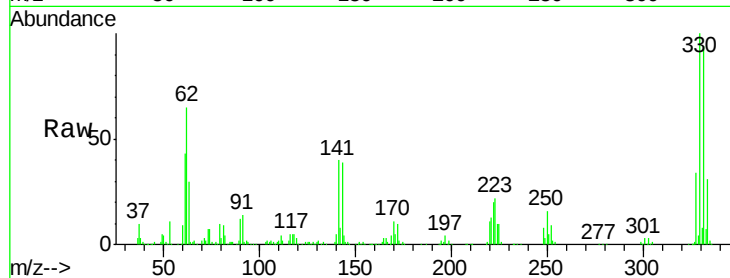




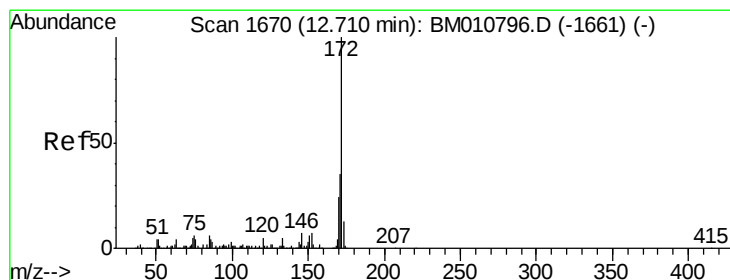
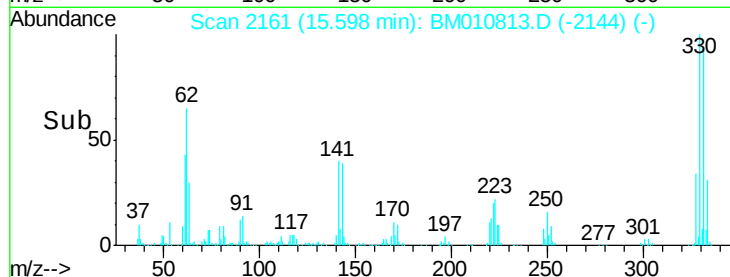
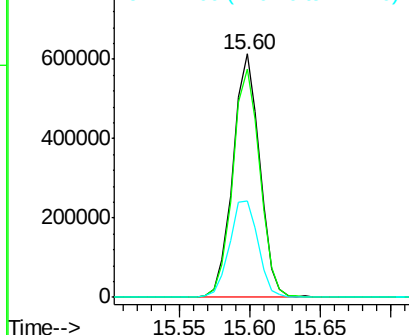
#41
 2,4,6-Tribromophenol
 Concen: 120.804 ng
 RT: 15.60 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BM010813.D
 Acq: 13 Jul 2017 15:31

Instrument :
 BNA_M
 ClientSampleId :
 PB100537BL

Tgt Ion:330 Resp: 811818
 Ion Ratio Lower Upper
 330 100
 332 95.1 0.0 0.0#
 141 42.5 0.0 0.0#

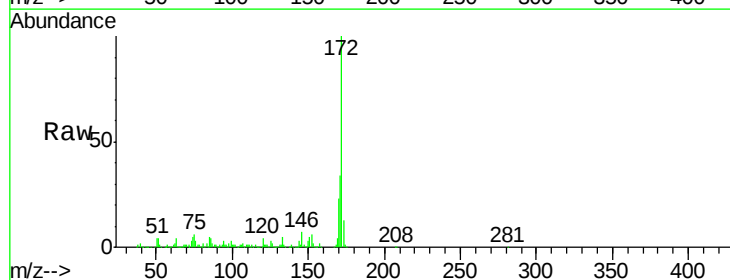


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

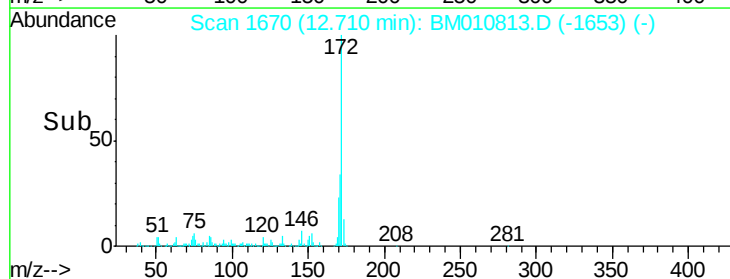
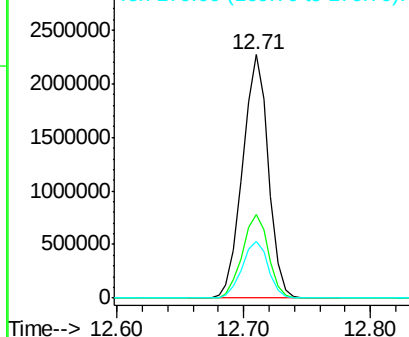


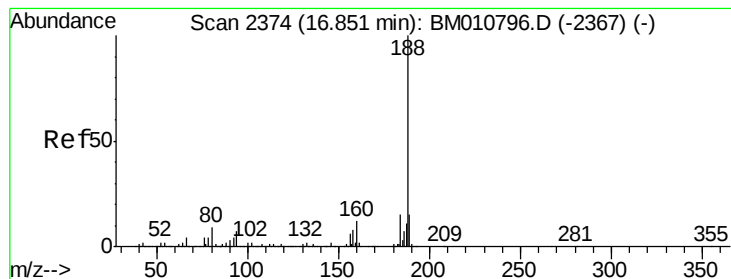
#44
 2-Fluorobiphenyl
 Concen: 90.068 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM010813.D
 Acq: 13 Jul 2017 15:31

Tgt Ion:172 Resp: 3183753
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.5 42.7
 170 23.5 18.8 28.2



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.85 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BM010813.D

Acq: 13 Jul 2017 15:31

Instrument :

BNA_M

ClientSampleId :

PB100537BL

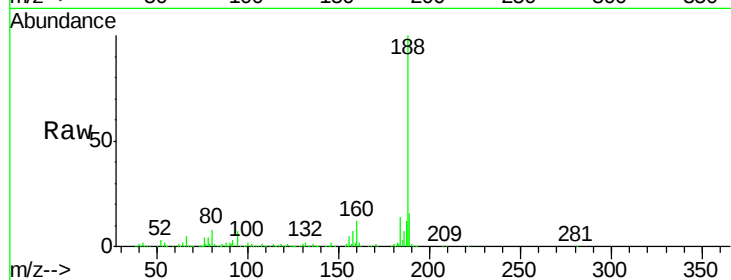
Tgt Ion:188 Resp: 952619

Ion Ratio Lower Upper

188 100

94 6.7 8.7 13.1#

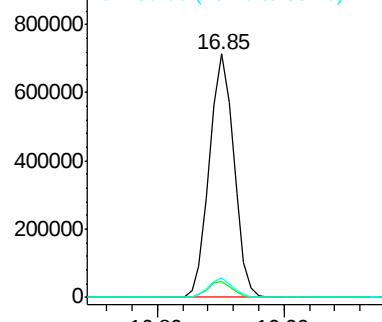
80 7.9 9.3 13.9#



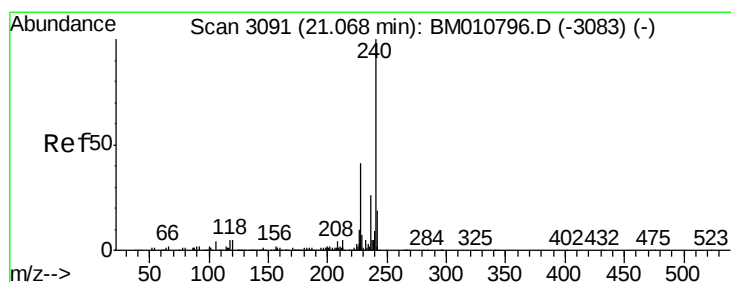
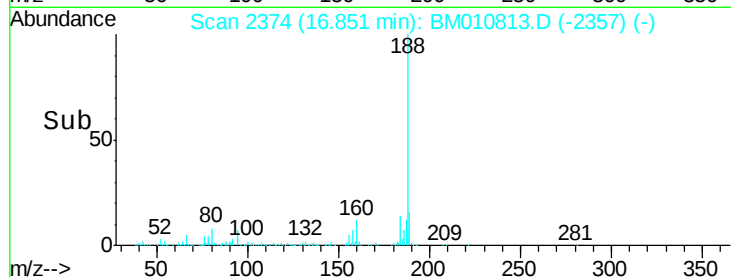
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM010813.D

Acq: 13 Jul 2017 15:31

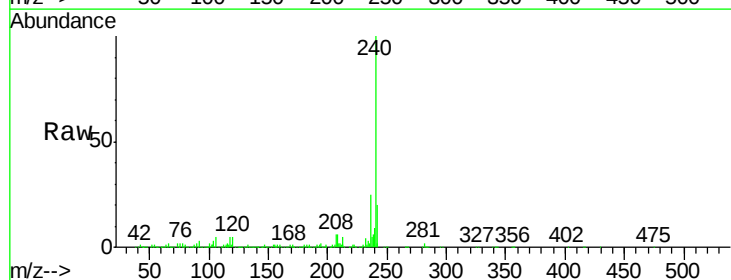
Tgt Ion:240 Resp: 981181

Ion Ratio Lower Upper

240 100

120 5.0 8.2 12.2#

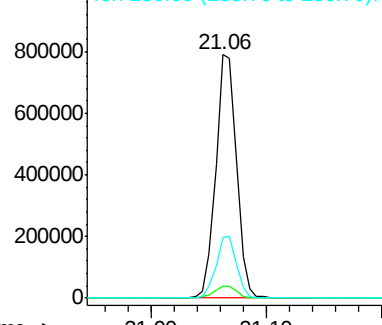
236 24.6 20.0 30.0



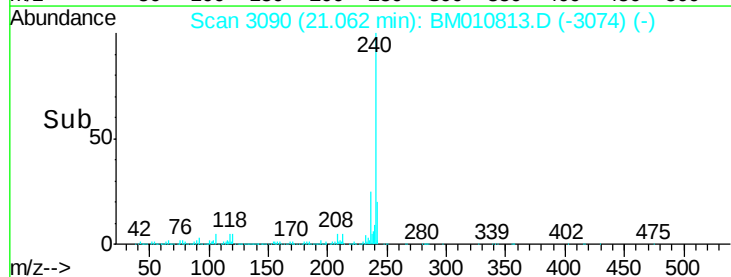
Abundance Ion 240.00 (239.70 to 240.70): E

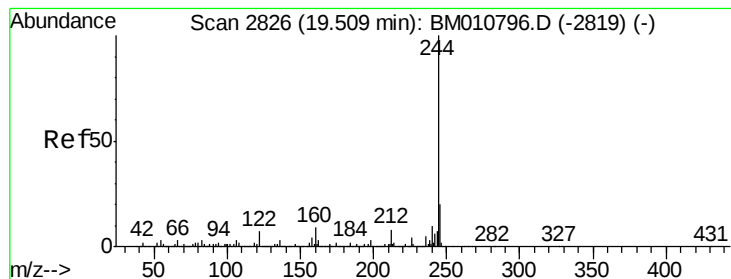
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 78.213 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010813.D

Acq: 13 Jul 2017 15:31

Instrument :

BNA_M

ClientSampleId :

PB100537BL

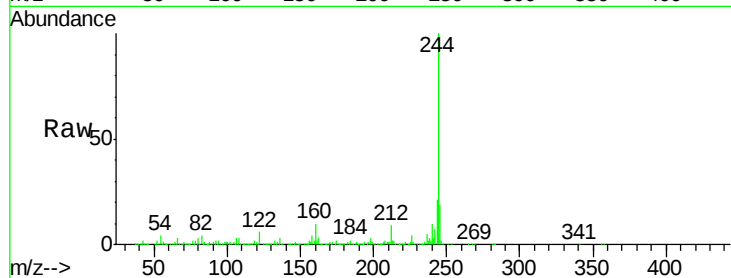
Tgt Ion:244 Resp: 3967806

Ion Ratio Lower Upper

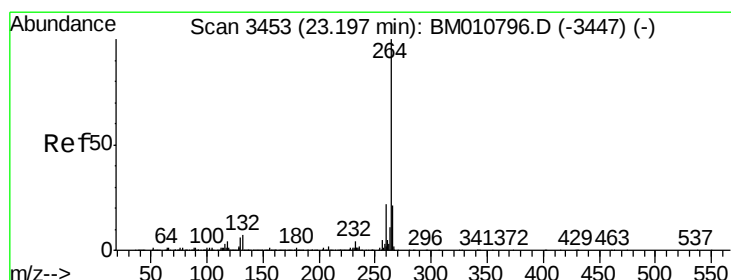
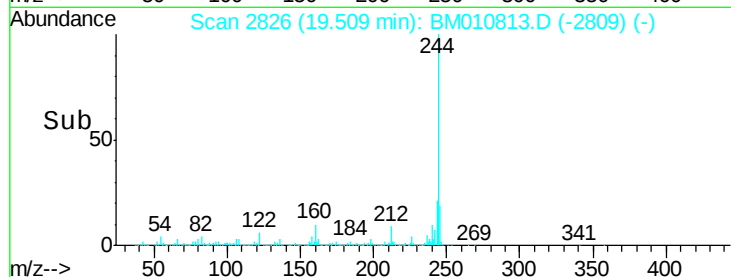
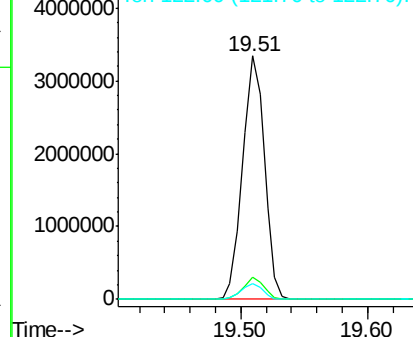
244 100

212 9.0 4.9 7.3#

122 6.4 6.2 9.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.20 min Scan# 3453

Delta R.T. 0.00 min

Lab File: BM010813.D

Acq: 13 Jul 2017 15:31

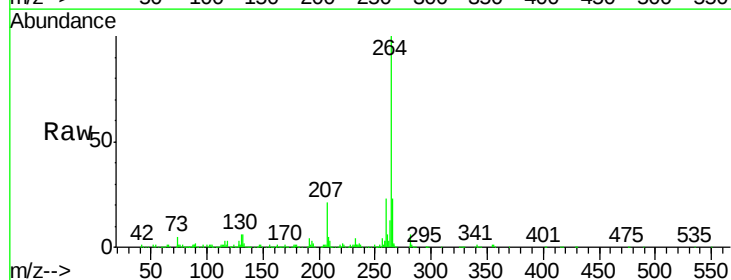
Tgt Ion:264 Resp: 836144

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 22.6 17.3 25.9



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

