

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010840.D
 Acq On : 17 Jul 2017 15:36
 Operator : SJ/JU
 Sample : PB100669BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB100669BL

Quant Time: Jul 18 05:33:19 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	7.44	152	258340	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	1019931	20.00	ng	0.00
38) Acenaphthene-d10	14.09	164	678992	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	1738765	20.00	ng	0.00
75) Chrysene-d12	21.06	240	2083634	20.00	ng	0.00
86) Perylene-d12	23.20	264	1756362	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	2196689	140.85	ng	0.00
7) Phenol-d6	6.64	99	2964969	137.91	ng	0.00
23) Nitrobenzene-d5	8.59	82	2207960	83.21	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	1422183	137.06	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	4551727	83.40	ng	0.00
78) Terphenyl-d14	19.51	244	8099921	75.19	ng	0.00

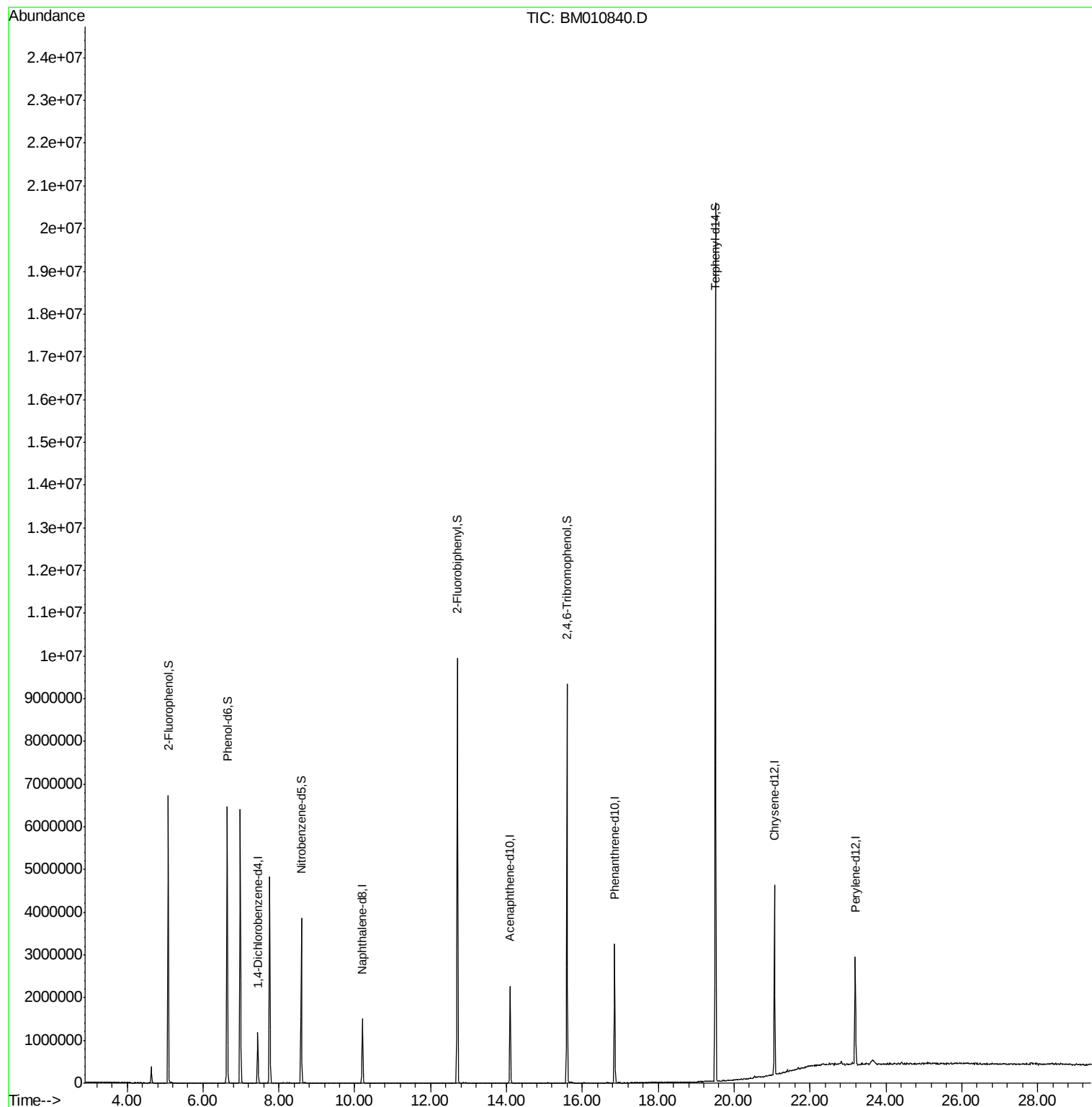
Target Compounds Qvalue

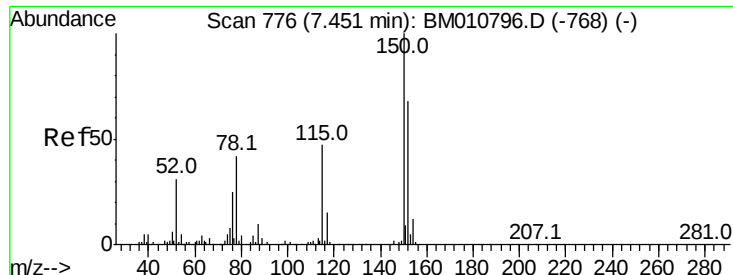
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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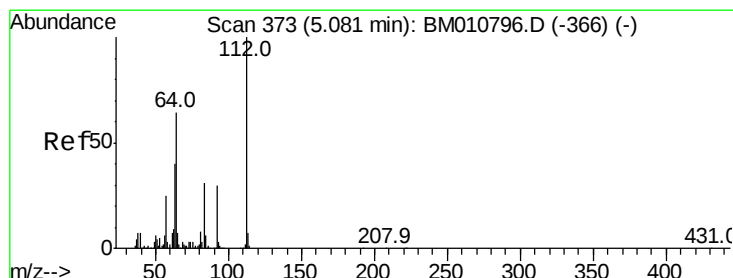
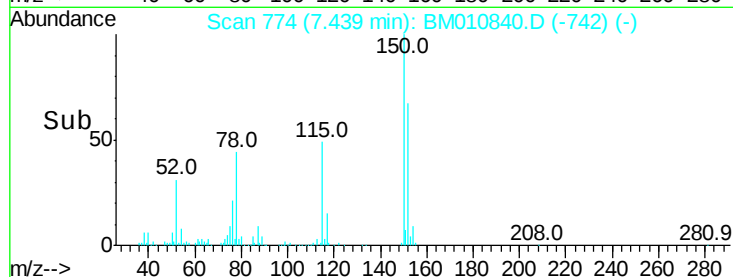
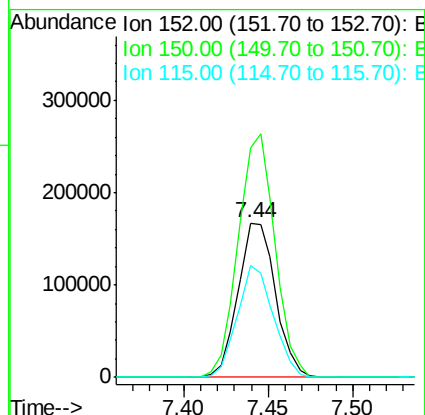
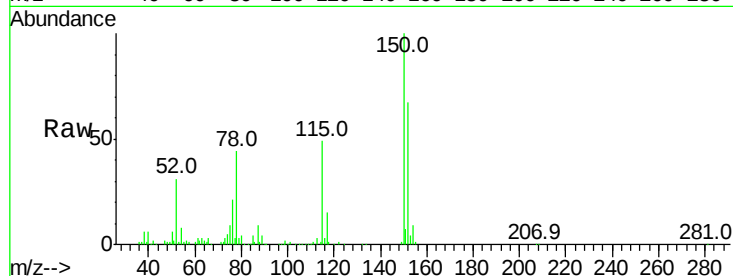


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010840.D
Acq: 17 Jul 2017 15:36

Instrument :
BNA_M
ClientSampleId :
PB100669BL

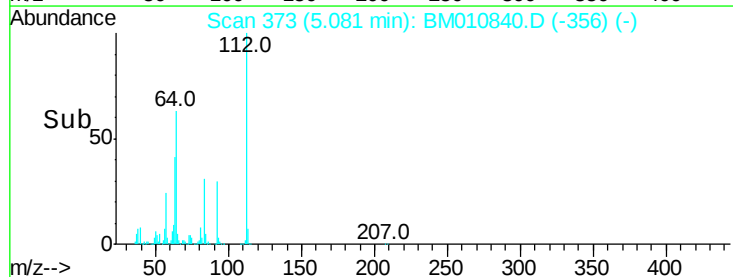
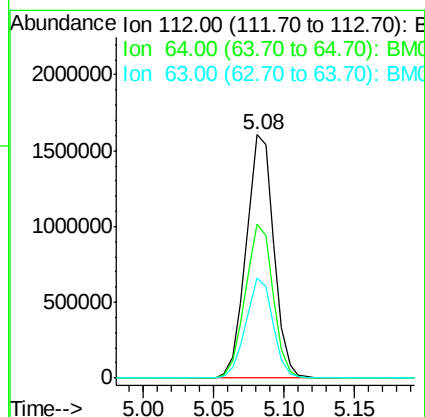
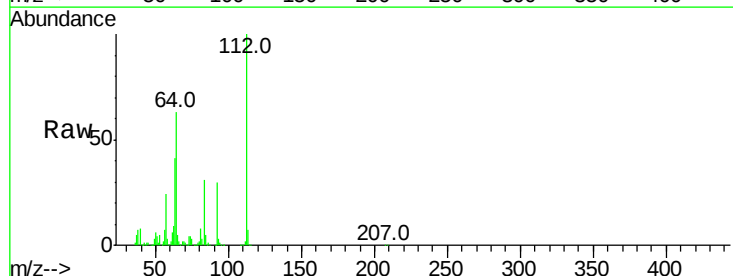
Tot Ion:152 Resp: 258340
Ion Ratio Lower Upper
152 100
150 148.8 119.5 179.3
115 72.4 43.0 64.4#

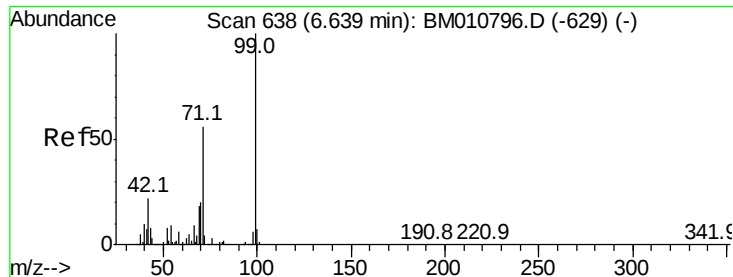


#5

2-Fluorophenol
Concen: 140.853 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010840.D
Acq: 17 Jul 2017 15:36

Tgt Ion:112 Resp: 2196689
Ion Ratio Lower Upper
112 100
64 63.5 38.6 57.8#
63 41.3 19.3 28.9#





#7

Phenol-d6

Concen: 137.906 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

Instrument :

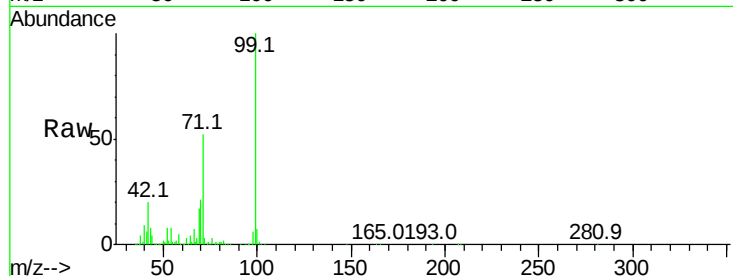
BNA_M

ClientSampleId :

PB100669BL

Tot Ion: 99 Resp: 2964969

Ion	Ratio	Lower	Upper
99	100		
42	20.3	11.0	16.4#
71	52.1	23.4	35.2#



Abundance

Ion 99.00 (98.70 to 99.70): BM010796.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM010796.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM010796.D (-629) (-)

2500000

2000000

1500000

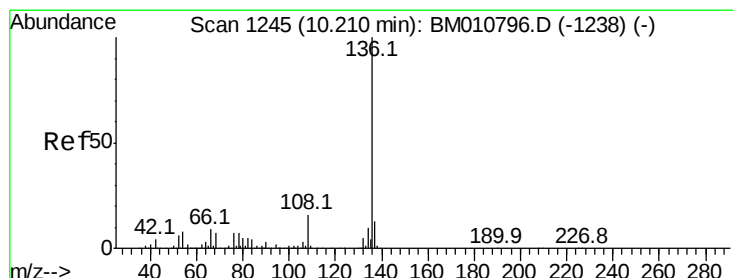
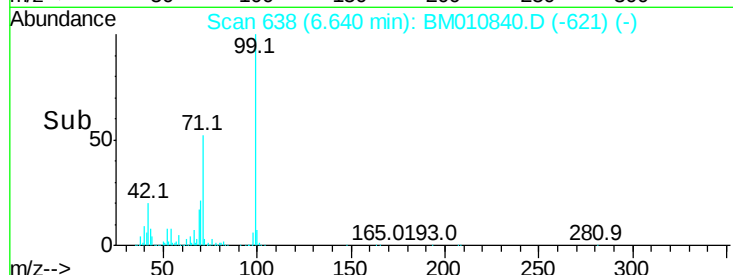
1000000

500000

0

6.55 6.60 6.65 6.70

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

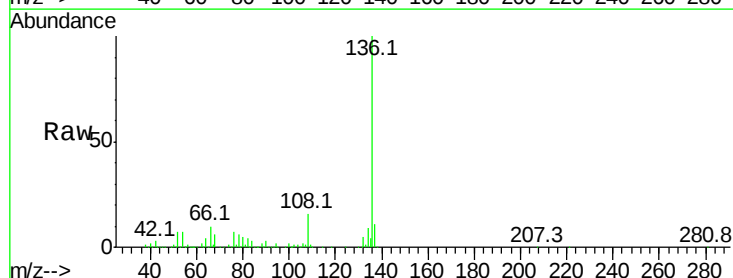
Delta R.T. -0.01 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

Tgt Ion: 136 Resp: 1019931

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	7.2	4.6	6.8#
68	6.4	3.7	5.5#



Abundance

Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

Ion 137.00 (136.70 to 137.70): BM010796.D (-1238) (-)

Ion 54.00 (53.70 to 54.70): BM010796.D (-1238) (-)

Ion 68.00 (67.70 to 68.70): BM010796.D (-1238) (-)

1000000

800000

600000

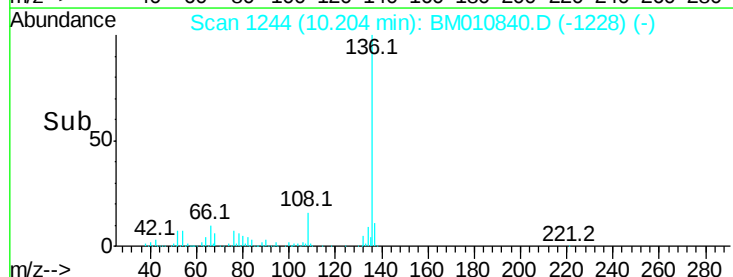
400000

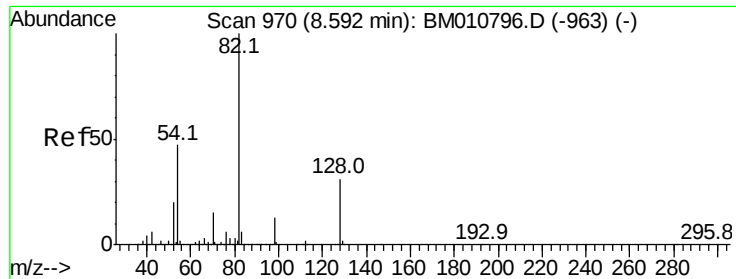
200000

0

10.10 10.20

Time-->





#23

Nitrobenzene-d5

Concen: 83.210 ng

RT: 8.59 min Scan# 970

Delta R.T. 0.00 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

Instrument :

BNA_M

ClientSampleId :

PB100669BL

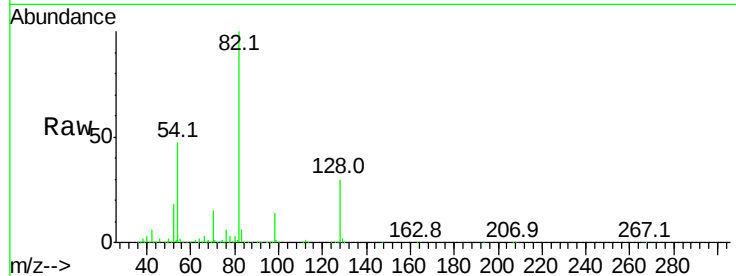
Tot Ion: 82 Resp: 2207960

Ion Ratio Lower Upper

82 100

128 30.1 32.8 49.2#

54 47.2 40.6 60.8

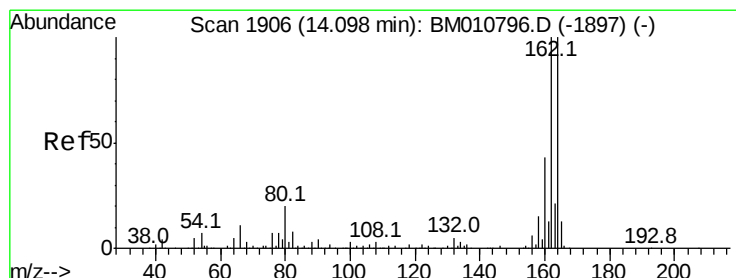
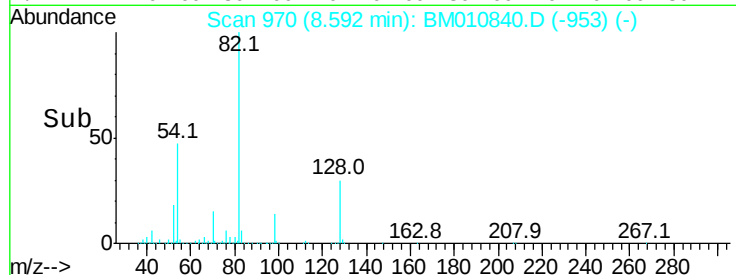


Abundance Ion 82.00 (81.70 to 82.70): BM010840.D (-953) (-)

Ion 128.00 (127.70 to 128.70): BM010840.D (-953) (-)

Ion 54.00 (53.70 to 54.70): BM010840.D (-953) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

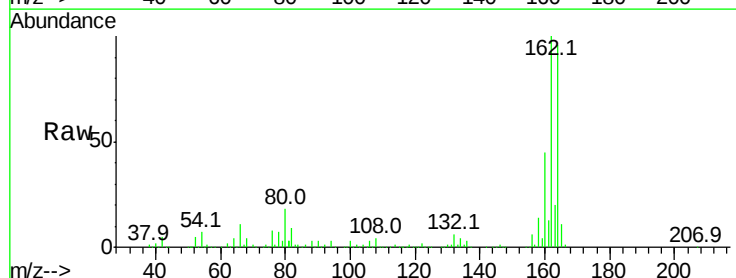
Tgt Ion:164 Resp: 678992

Ion Ratio Lower Upper

164 100

162 104.1 82.4 123.6

160 46.8 35.8 53.6

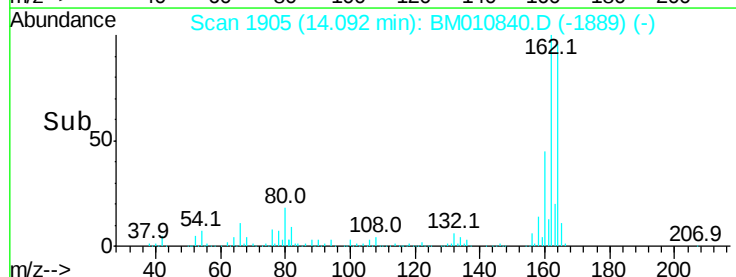


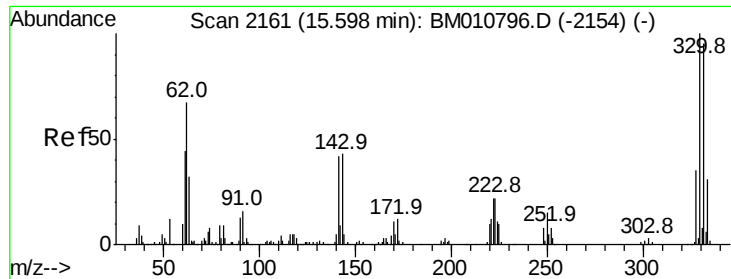
Abundance Ion 164.00 (163.70 to 164.70): BM010840.D (-1889) (-)

Ion 162.00 (161.70 to 162.70): BM010840.D (-1889) (-)

Ion 160.00 (159.70 to 160.70): BM010840.D (-1889) (-)

Time-->





#41

2,4,6-Tribromophenol

Concen: 137.061 ng

RT: 15.60 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

Instrument :

BNA_M

ClientSampleId :

PB100669BL

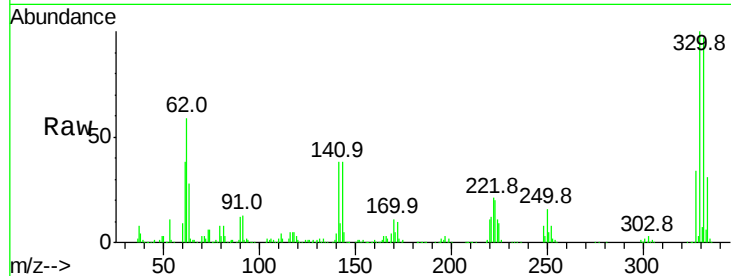
Tot Ion:330 Resp: 1422183

Ion Ratio Lower Upper

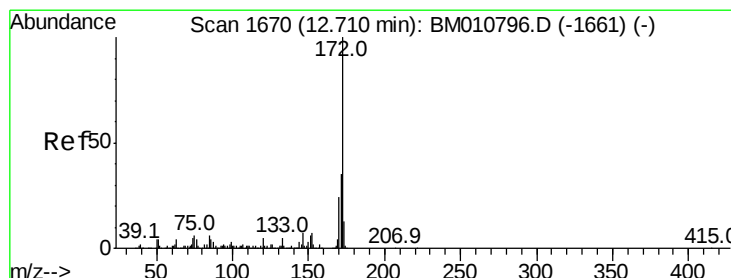
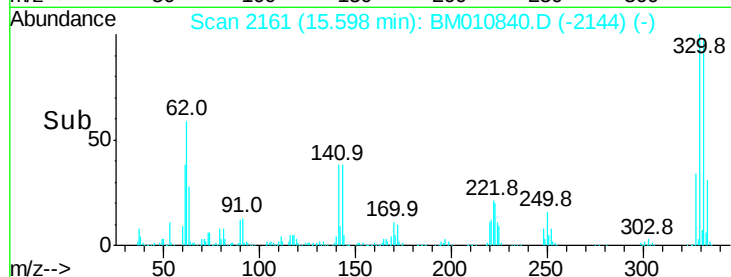
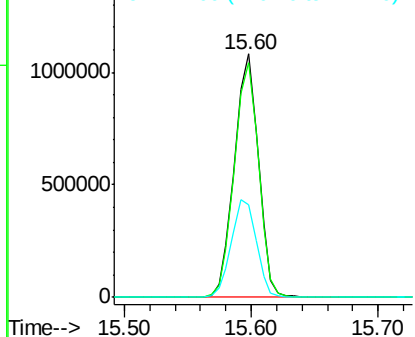
330 100

332 97.5 0.0 0.0#

141 41.9 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: 83.395 ng

RT: 12.71 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

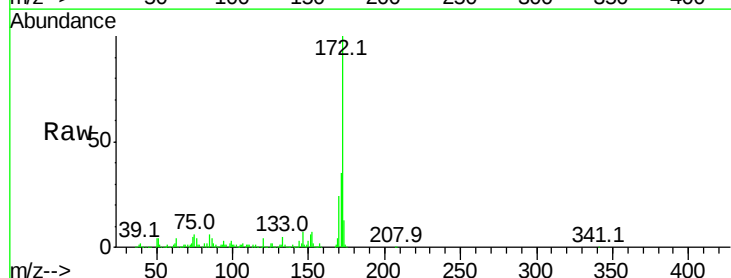
Tgt Ion:172 Resp: 4551727

Ion Ratio Lower Upper

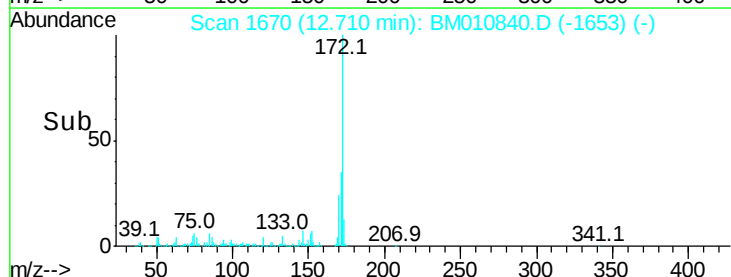
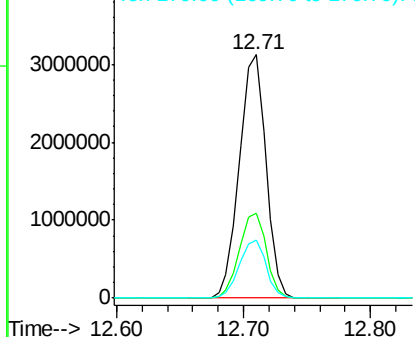
172 100

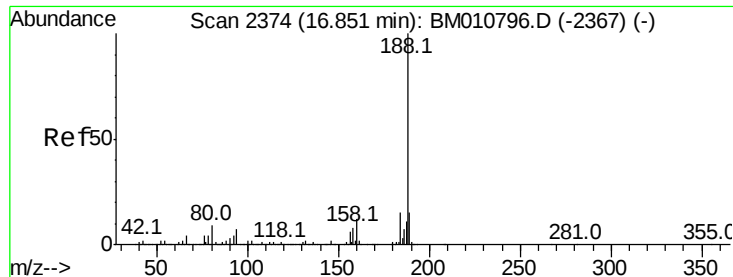
171 35.0 28.5 42.7

170 23.7 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

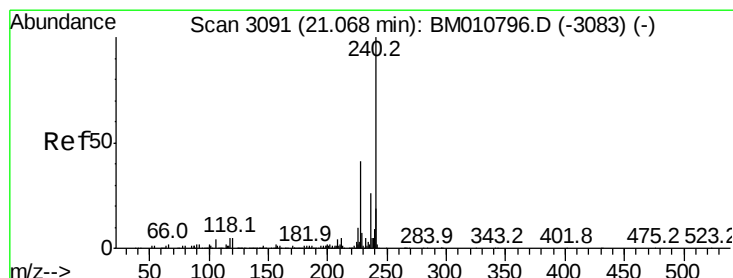
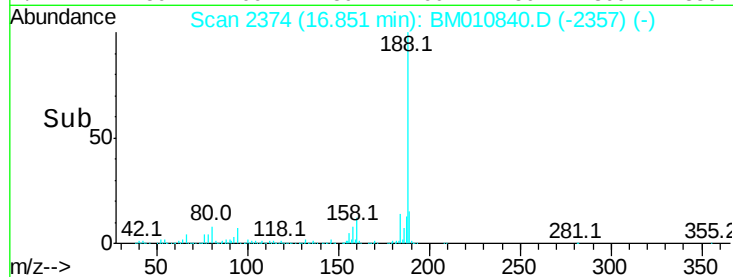
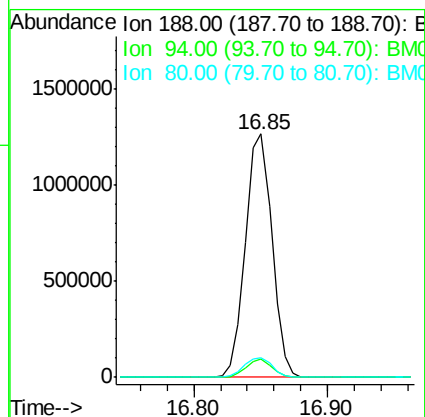
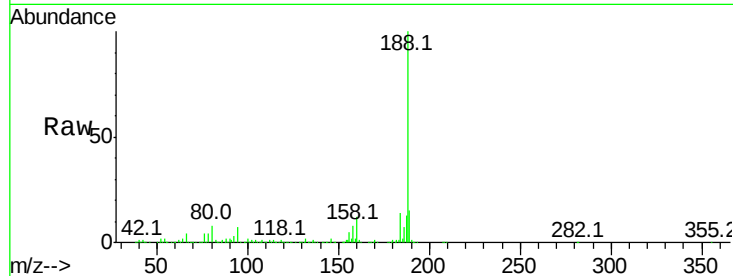




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.85 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BM010840.D
Acq: 17 Jul 2017 15:36

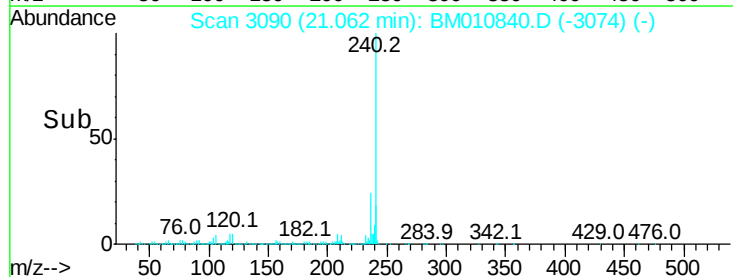
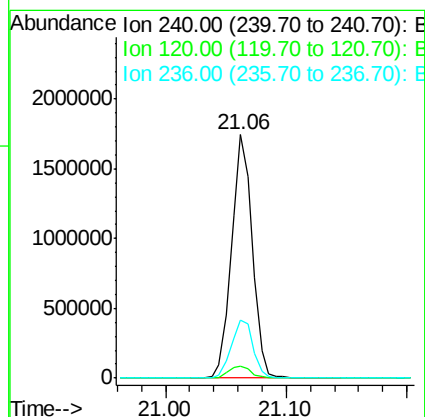
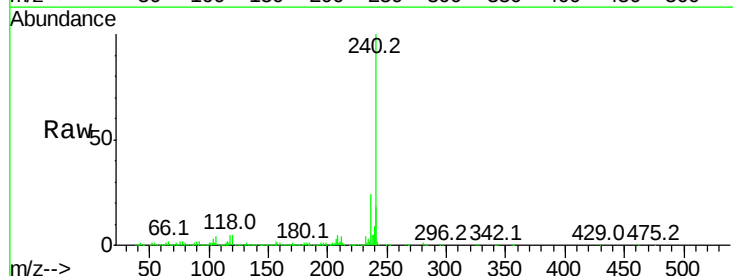
Instrument :
BNA_M
ClientSampleId :
PB100669BL

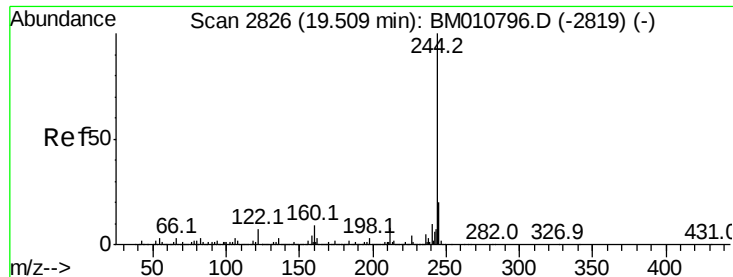
Tot Ion:188 Resp: 1738765
Ion Ratio Lower Upper
188 100
94 7.3 8.7 13.1#
80 8.1 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010840.D
Acq: 17 Jul 2017 15:36

Tgt Ion:240 Resp: 2083634
Ion Ratio Lower Upper
240 100
120 5.0 8.2 12.2#
236 24.0 20.0 30.0





#78

Terphenyl-d14

Concen: 75.186 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

Instrument :

BNA_M

ClientSampleId :

PB100669BL

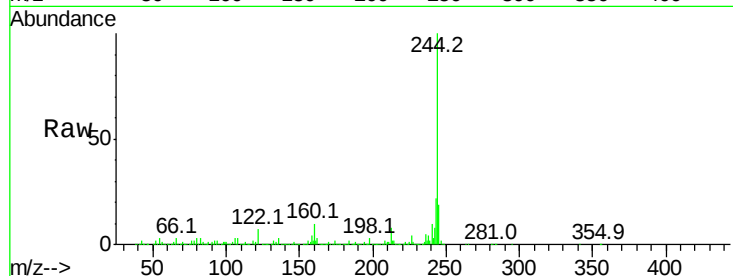
Tot Ion:244 Resp: 8099921

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

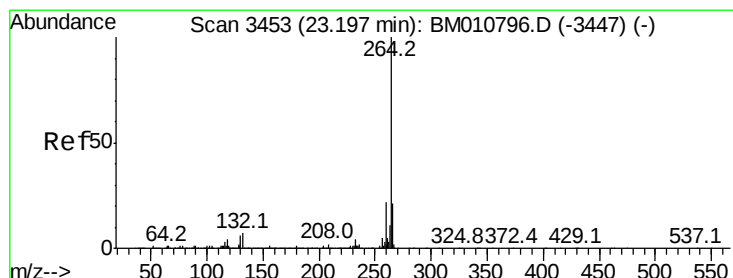
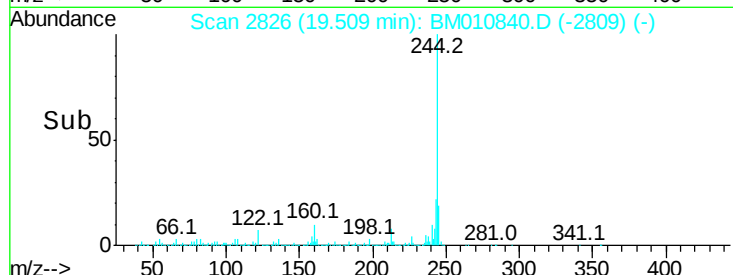
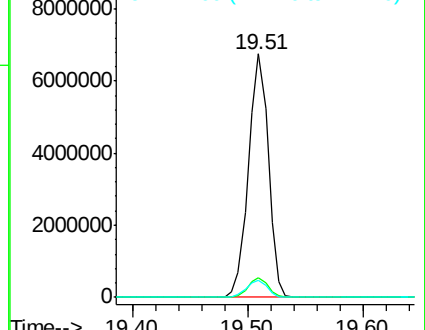
122 6.9 6.2 9.4



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: BM010840.D

Acq: 17 Jul 2017 15:36

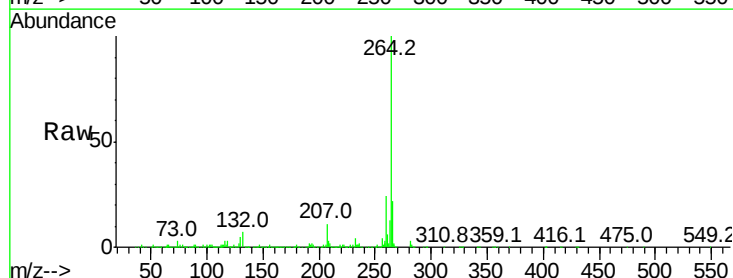
Tgt Ion:264 Resp: 1756362

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 21.7 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

