

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080517\
 Data File : BM011140.D
 Acq On : 05 Aug 2017 13:53
 Operator : SJ/JU
 Sample : PB101225TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101225TB

Quant Time: Aug 06 01:38:25 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	166042	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	589515	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	451214	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	1099208	20.00	ng	-0.07
75) Chrysene-d12	20.97	240	1232107	20.00	ng	-0.06
86) Perylene-d12	23.05	264	722260	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1300991	132.45	ng	-0.07
7) Phenol-d6	6.52	99	1749260	125.34	ng	-0.07
23) Nitrobenzene-d5	8.46	82	1376412	87.63	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	930297	128.64	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	2696368	74.94	ng	-0.08
78) Terphenyl-d14	19.41	244	5684043	91.38	ng	-0.06

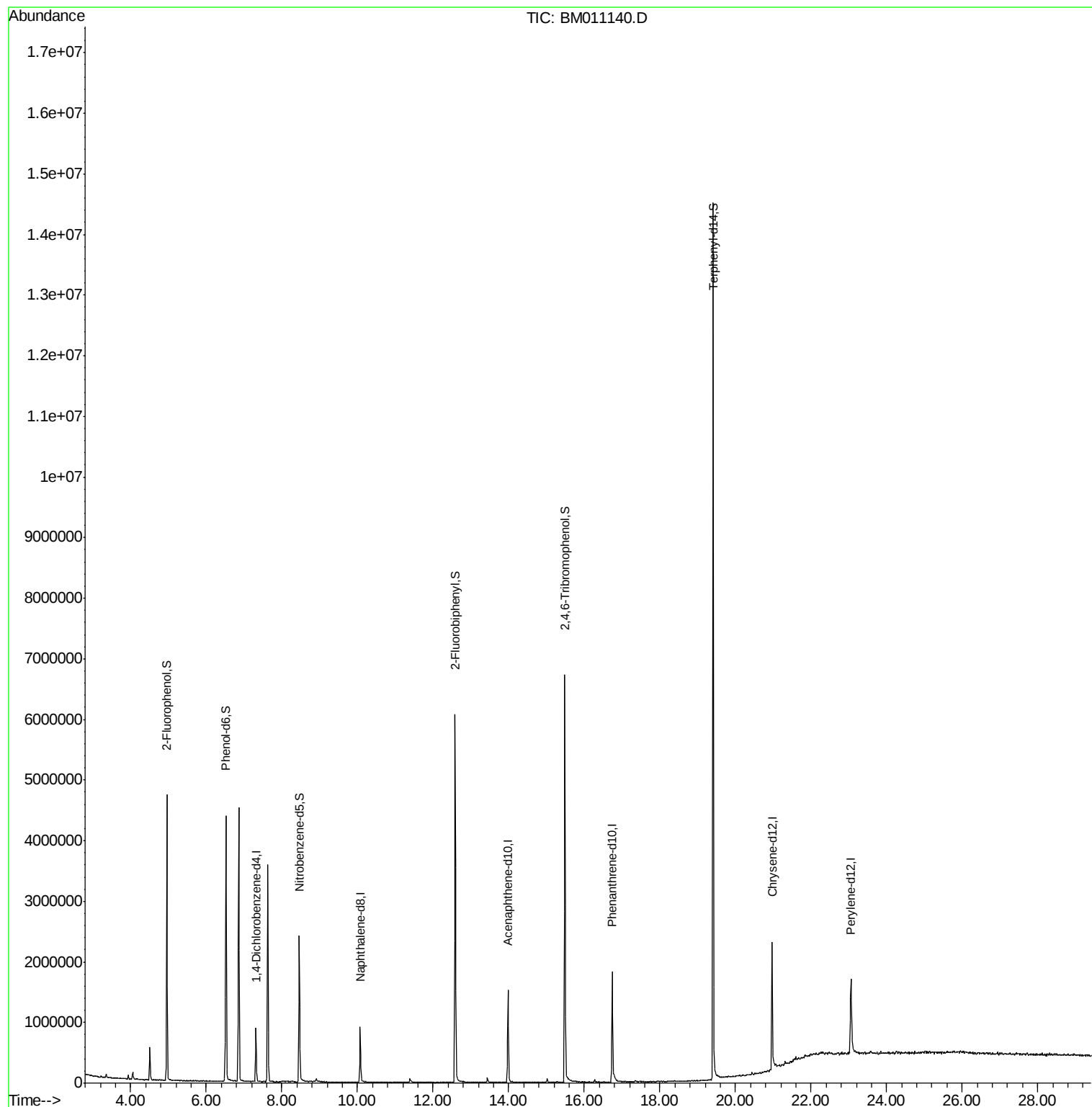
Target Compounds Qvalue

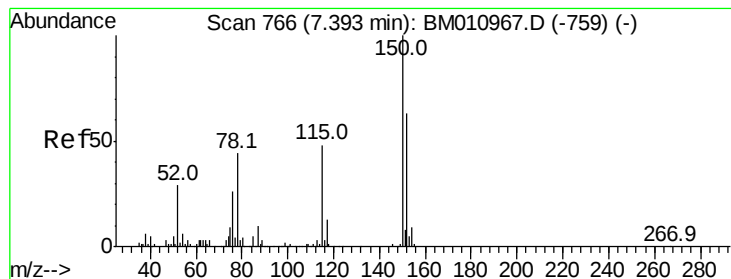
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.32 min Scan# 770

Delta R.T. -0.08 min

Lab File: BM011140.D

Acq: 05 Aug 2017 13:53

Instrument :

BNA_M

ClientSampleId :

PB101225TB

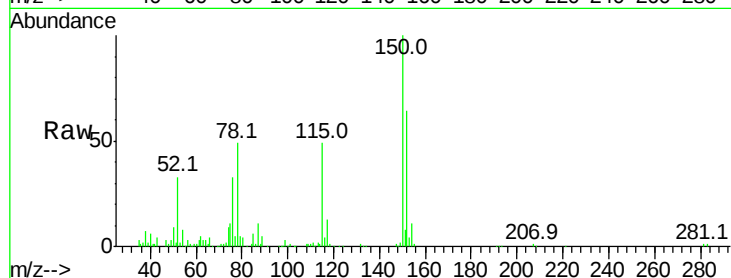
Tot Ion:152 Resp: 166042

Ion Ratio Lower Upper

152 100

150 156.2 119.5 179.3

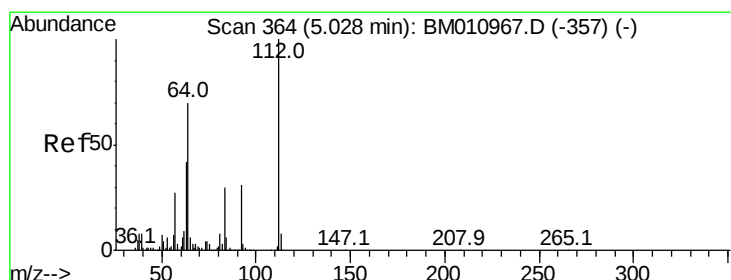
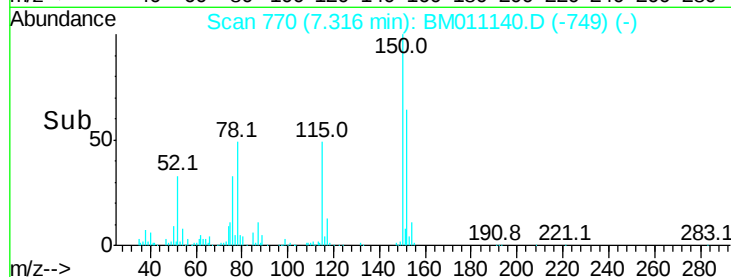
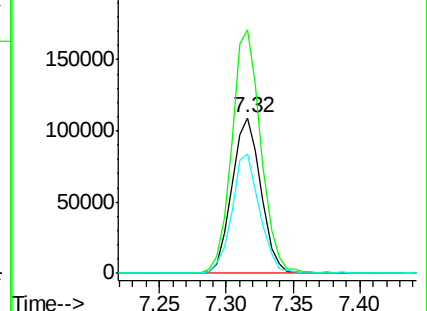
115 76.7 43.0 64.4#



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: 132.451 ng

RT: 4.96 min Scan# 369

Delta R.T. -0.07 min

Lab File: BM011140.D

Acq: 05 Aug 2017 13:53

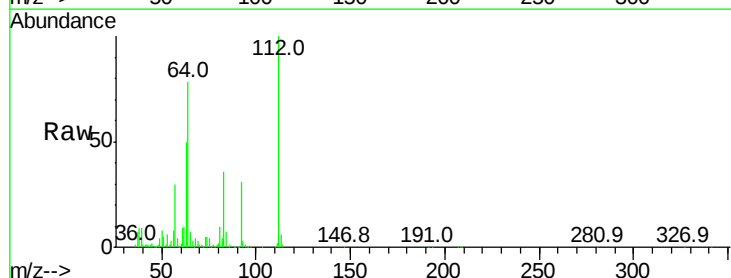
Tgt Ion:112 Resp: 1300991

Ion Ratio Lower Upper

112 100

64 77.5 38.6 57.8#

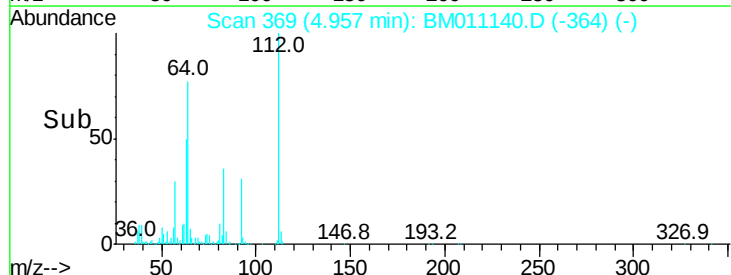
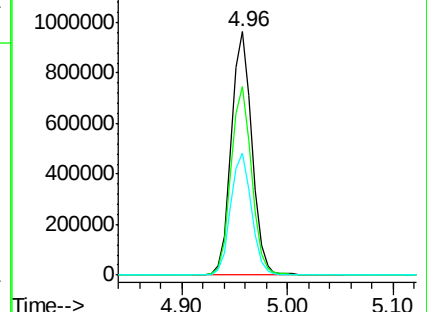
63 50.2 19.3 28.9#

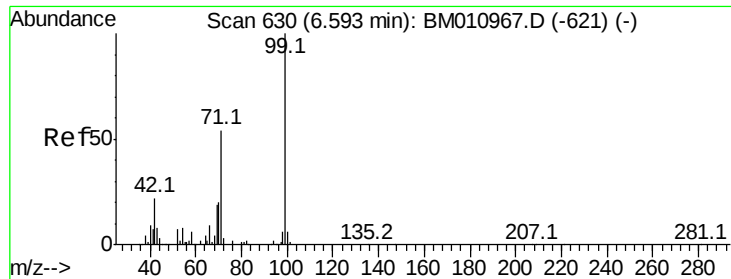


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 125.342 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011140.D

Acq: 05 Aug 2017 13:53

Instrument :

BNA_M

ClientSampleId :

PB101225TB

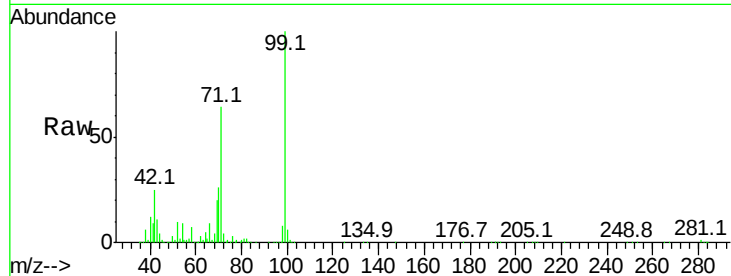
Tot Ion: 99 Resp: 1749260

Ion Ratio Lower Upper

99 100

42 25.3 11.0 16.4#

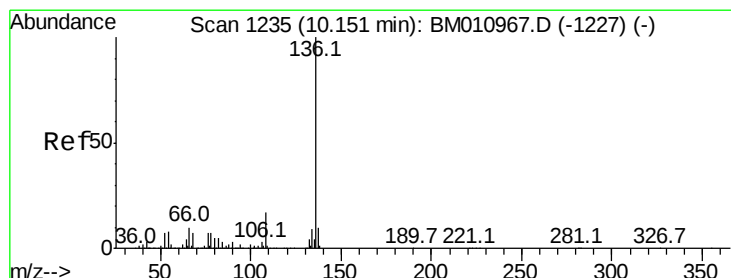
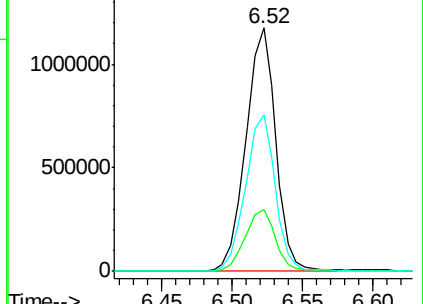
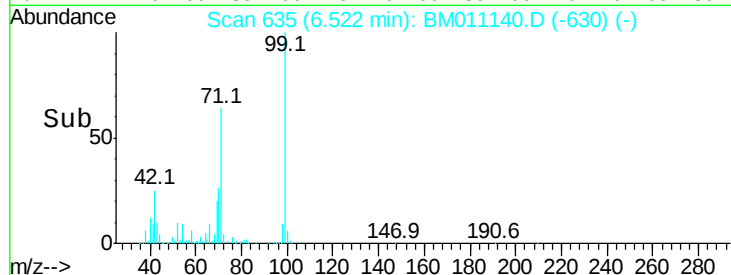
71 64.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011140.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011140.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011140.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: BM011140.D

Acq: 05 Aug 2017 13:53

Tgt Ion: 136 Resp: 589515

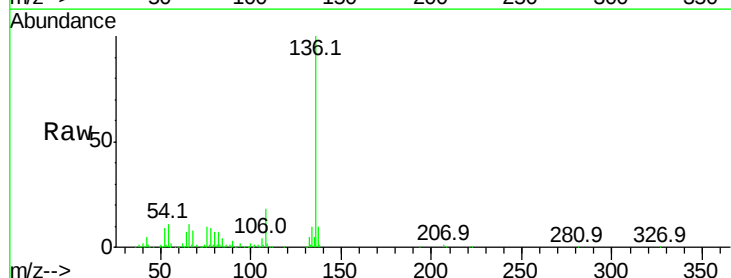
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 10.8 4.6 6.8#

68 7.6 3.7 5.5#

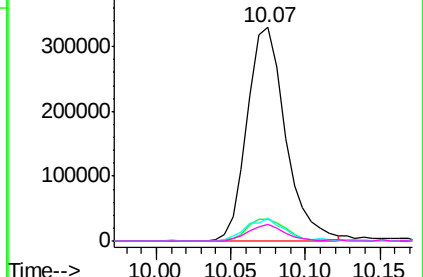
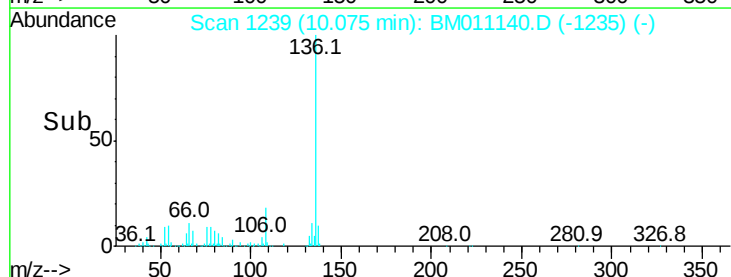


Abundance Ion 136.00 (135.70 to 136.70): BM011140.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011140.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011140.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011140.D (-1235) (-)



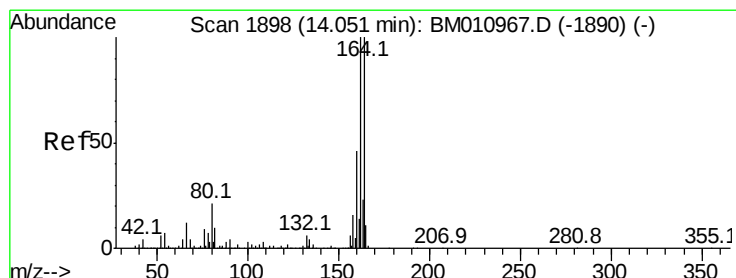
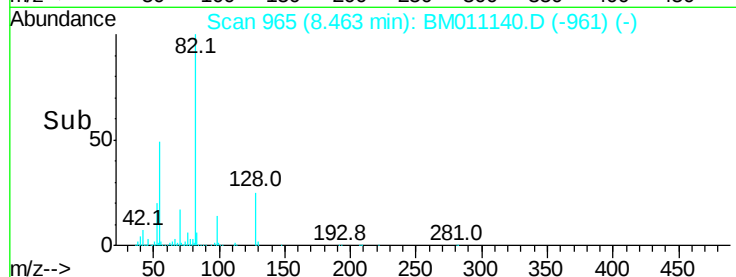
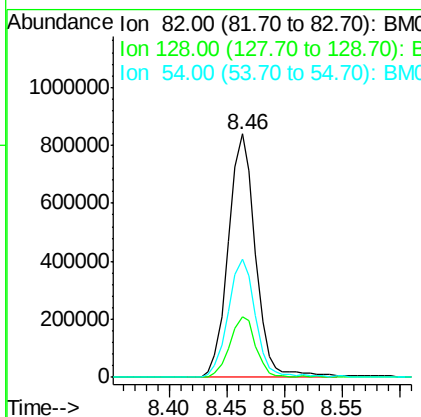
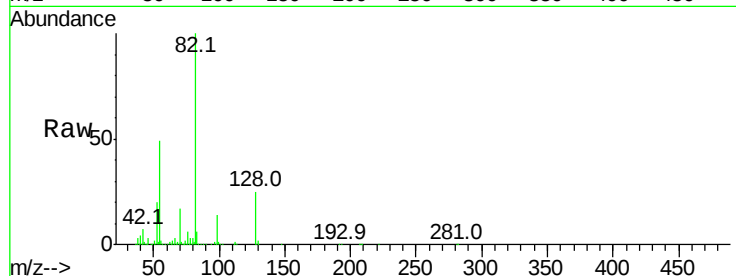


#23
 Nitrobenzene-d5
 Concen: 87.630 ng
 RT: 8.46 min Scan# 965
 Delta R.T. -0.08 min
 Lab File: BM011140.D
 Acq: 05 Aug 2017 13:53

Instrument :
 BNA_M
 ClientSampled :
 PB101225TB

Tot Ion: 82 Resp: 1376412

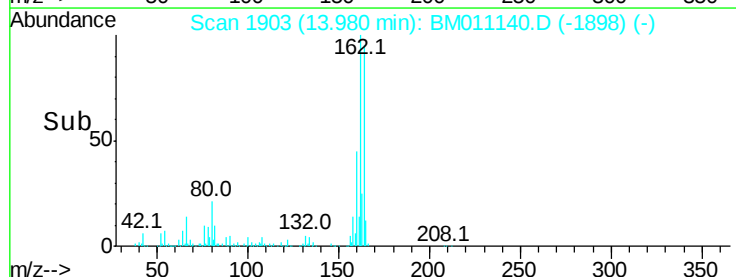
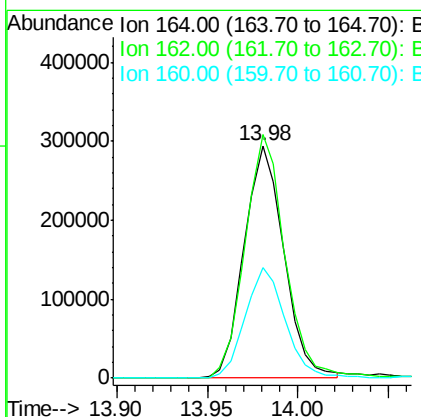
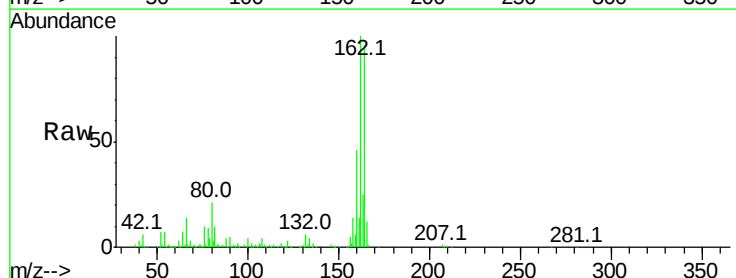
Ion	Ratio	Lower	Upper
82	100		
128	24.8	32.8	49.2#
54	48.8	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.98 min Scan# 1903
 Delta R.T. -0.07 min
 Lab File: BM011140.D
 Acq: 05 Aug 2017 13:53

Tgt Ion:164 Resp: 451214

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.4	123.6
160	47.6	35.8	53.6

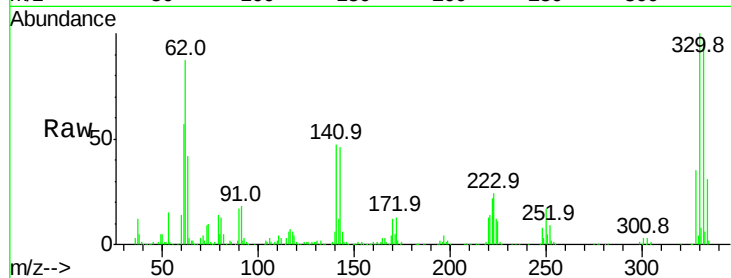




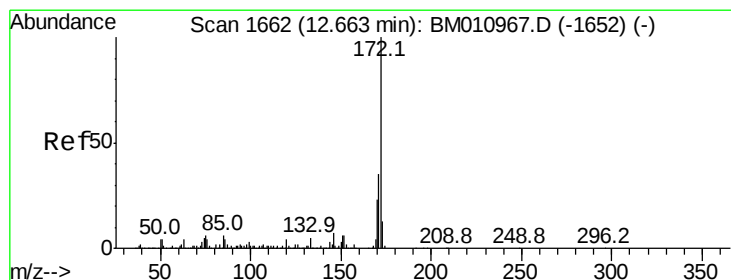
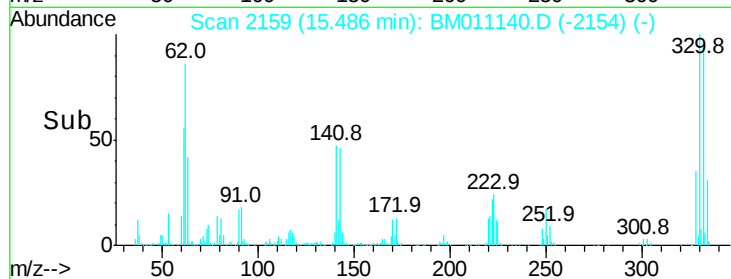
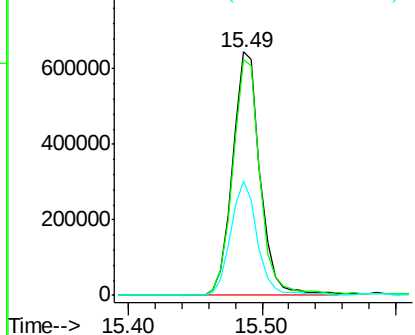
#41
 2,4,6-Tribromophenol
 Concen: 128.636 ng
 RT: 15.49 min Scan# 2159
 Delta R.T. -0.07 min
 Lab File: BM011140.D
 Acq: 05 Aug 2017 13:53

Instrument :
 BNA_M
 ClientSampleId :
 PB101225TB

Tot Ion:330 Resp: 930297
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 45.8 0.0 0.0#

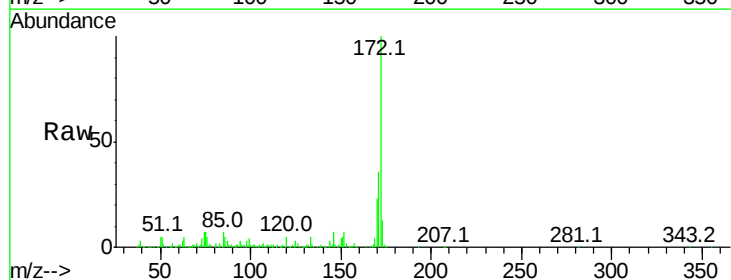


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

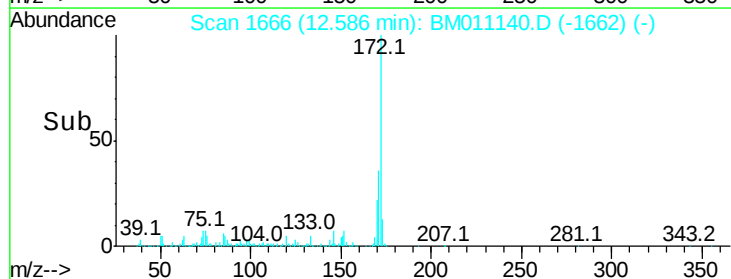
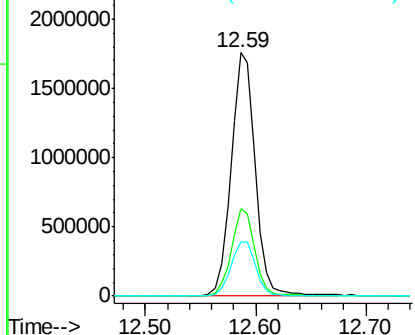


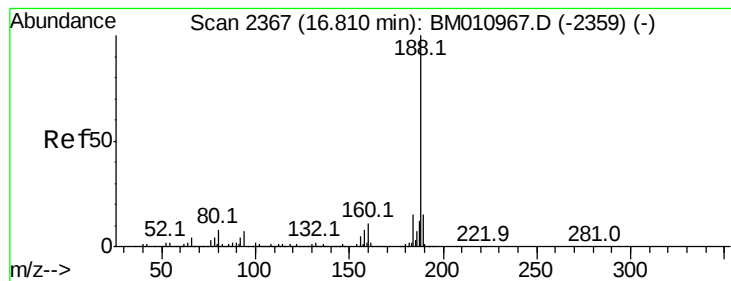
#44
 2-Fluorobiphenyl
 Concen: 74.945 ng
 RT: 12.59 min Scan# 1666
 Delta R.T. -0.08 min
 Lab File: BM011140.D
 Acq: 05 Aug 2017 13:53

Tgt Ion:172 Resp: 2696368
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.5 42.7
 170 22.5 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: 16.74 min Scan# 2372

Delta R.T. -0.07 min

Lab File: BM011140.D

Acq: 05 Aug 2017 13:53

Instrument :

BNA_M

ClientSampleId :

PB101225TB

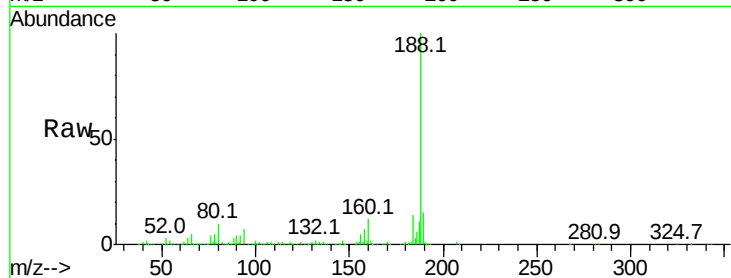
Tot Ion:188 Resp: 1099208

Ion Ratio Lower Upper

188 100

94 6.7 8.7 13.1#

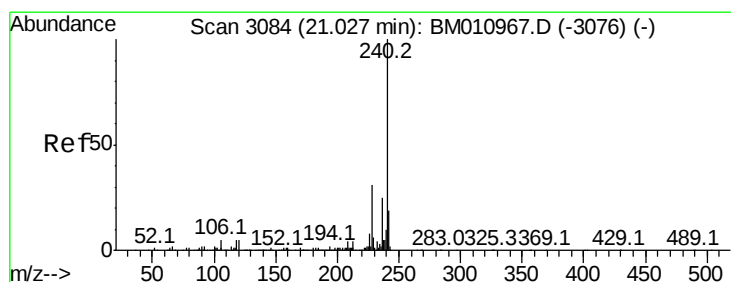
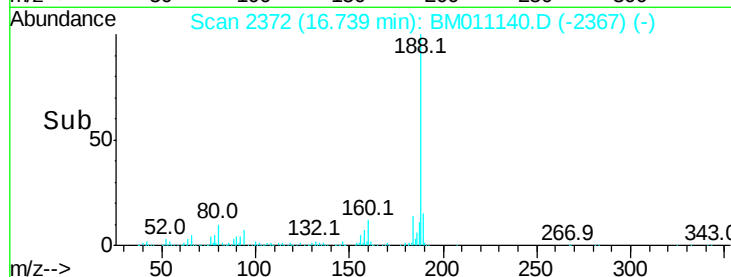
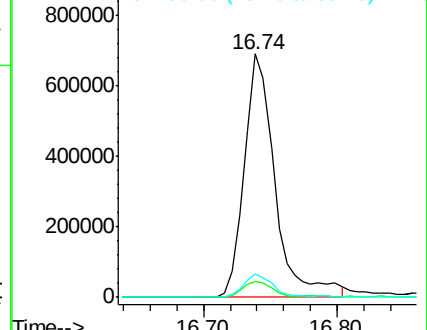
80 9.9 9.3 13.9



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.97 min Scan# 3091

Delta R.T. -0.06 min

Lab File: BM011140.D

Acq: 05 Aug 2017 13:53

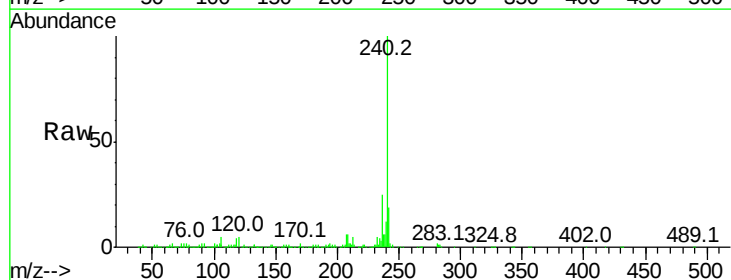
Tgt Ion:240 Resp: 1232107

Ion Ratio Lower Upper

240 100

120 4.8 8.2 12.2#

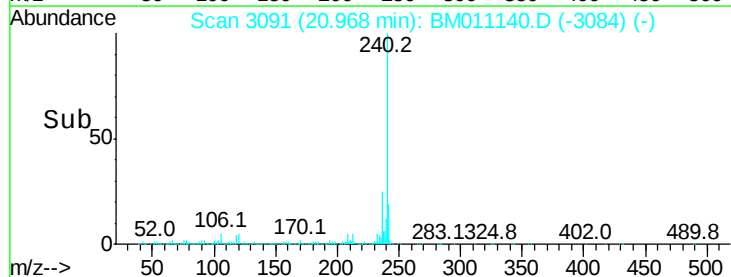
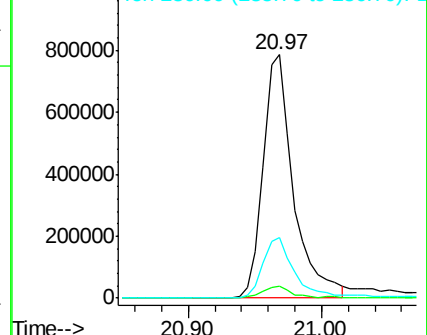
236 24.9 20.0 30.0

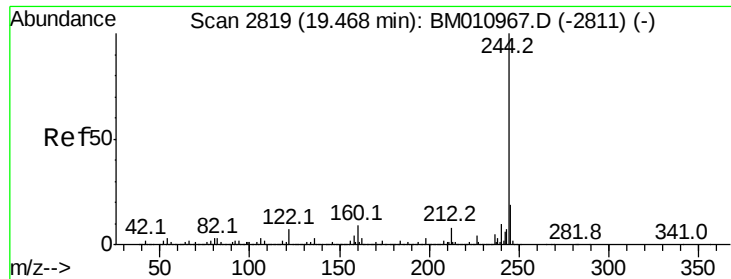


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

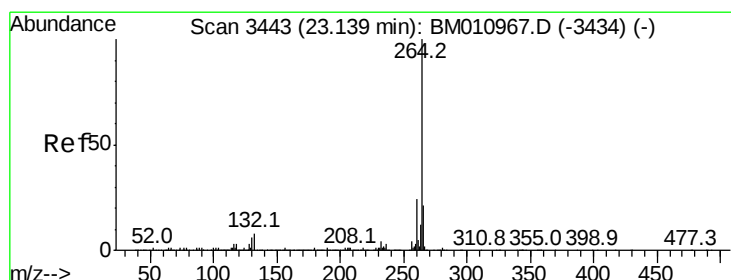
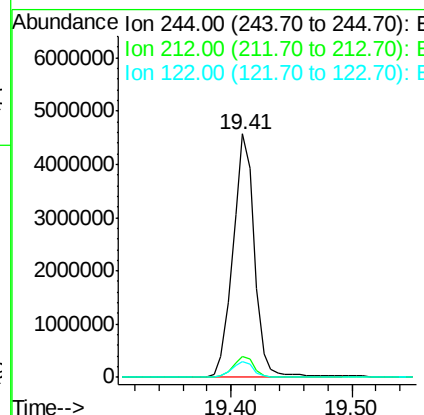
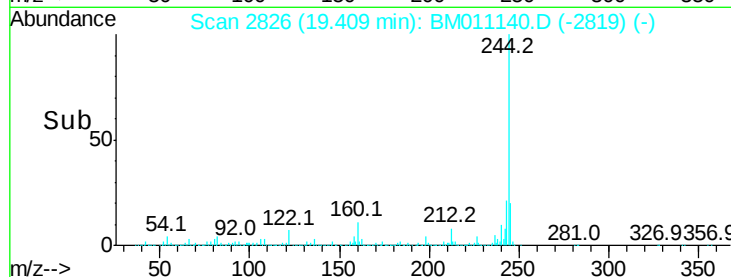
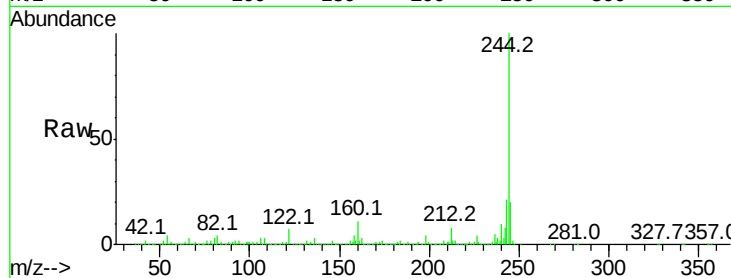




#78
 Terphenyl-d14
 Concen: 91.383 ng
 RT: 19.41 min Scan# 2826
 Delta R.T. -0.06 min
 Lab File: BM011140.D
 Acq: 05 Aug 2017 13:53

Instrument :
 BNA_M
 ClientSampleId :
 PB101225TB

Tot Ion:244 Resp: 5684043
 Ion Ratio Lower Upper
 244 100
 212 8.4 4.9 7.3#
 122 6.5 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.05 min Scan# 3445
 Delta R.T. -0.09 min
 Lab File: BM011140.D
 Acq: 05 Aug 2017 13:53

Tgt Ion:264 Resp: 722260
 Ion Ratio Lower Upper
 264 100
 260 28.0 18.6 27.8#
 265 21.8 17.3 25.9

