

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032217\
 Data File : BM009323.D
 Acq On : 22 Mar 2017 18:12
 Operator : SJ/MA
 Sample : PB97721BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97721BL

Quant Time: Mar 23 04:06:27 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 16:43:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	155798	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	553050	20.00	ng	0.00
38) Acenaphthene-d10	14.50	164	291889	20.00	ng	0.00
63) Phenanthrene-d10	17.25	188	629932	20.00	ng	0.00
75) Chrysene-d12	21.43	240	727579	20.00	ng	0.00
86) Perylene-d12	23.75	264	665900	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1369177	146.48	ng	0.00
7) Phenol-d6	7.02	99	1849229	145.08	ng	0.00
23) Nitrobenzene-d5	9.03	82	1322992	89.69	ng	0.00
41) 2,4,6-Tribromophenol	16.00	330	515967	142.29	ng	0.00
44) 2-Fluorobiphenyl	13.12	172	2276881	93.99	ng	0.00
78) Terphenyl-d14	19.87	244	2890622	83.02	ng	0.00

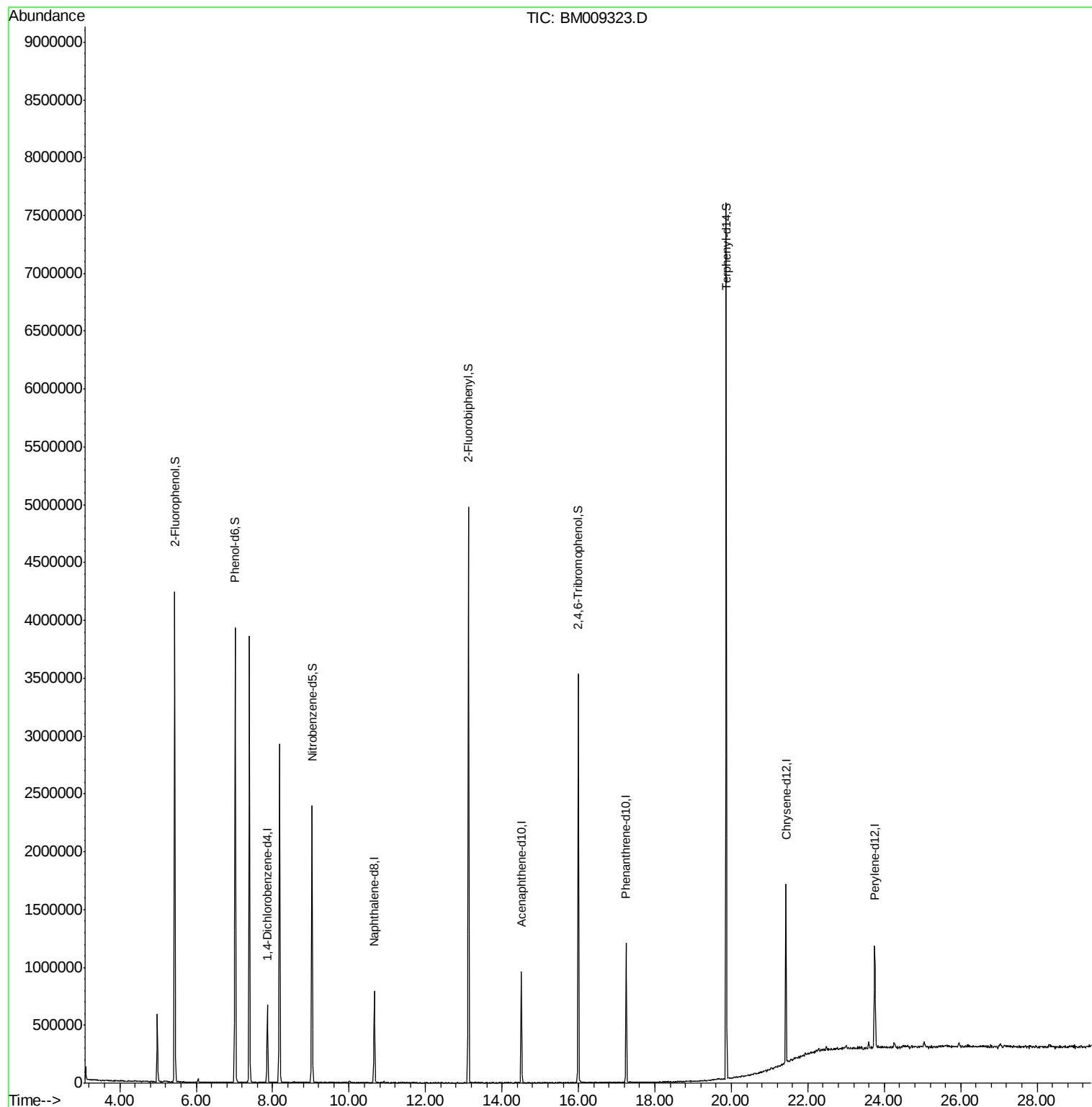
Target Compounds Qvalue

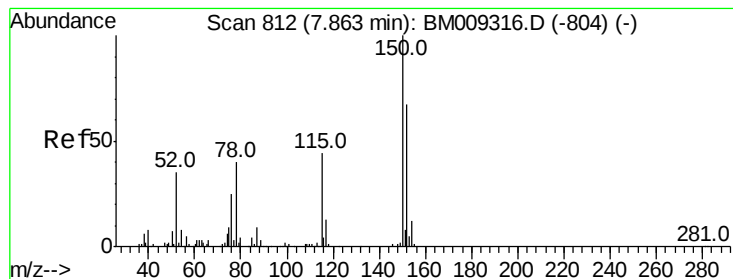
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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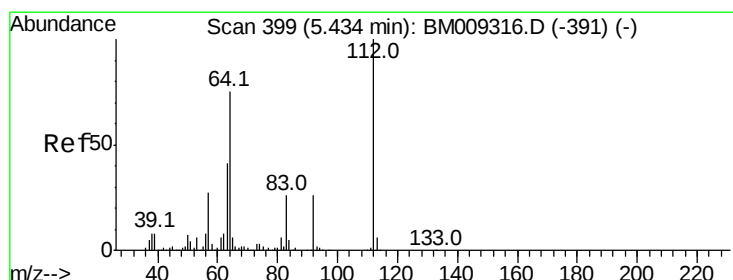
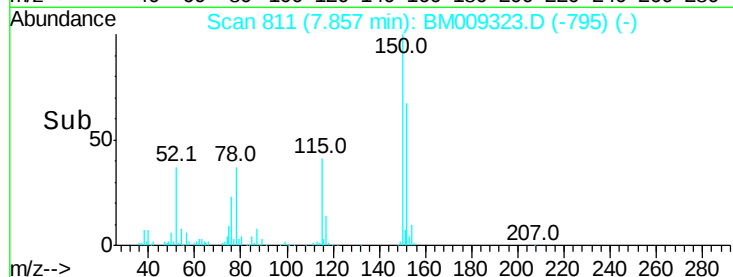
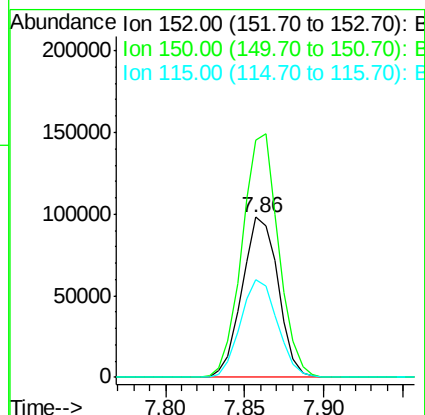
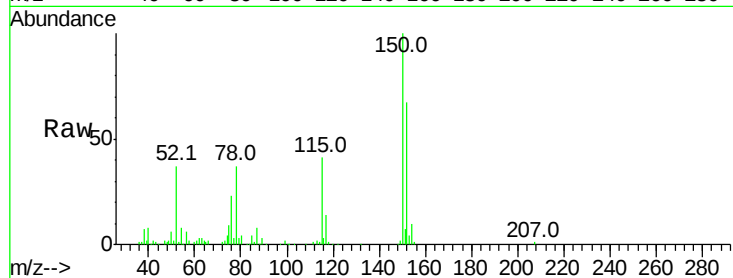


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BM009323.D
Acq: 22 Mar 2017 18:12

Instrument :
BNA_M
ClientSampleId :
PB97721BL

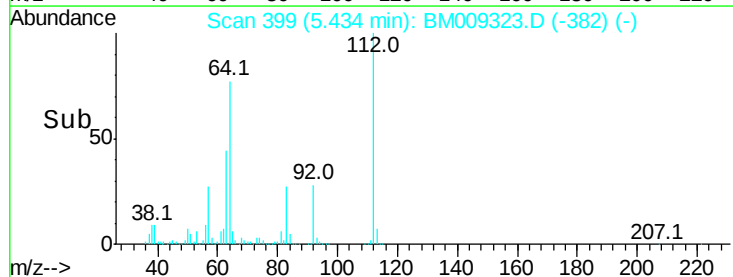
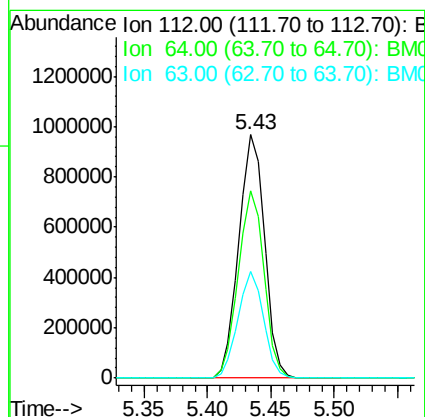
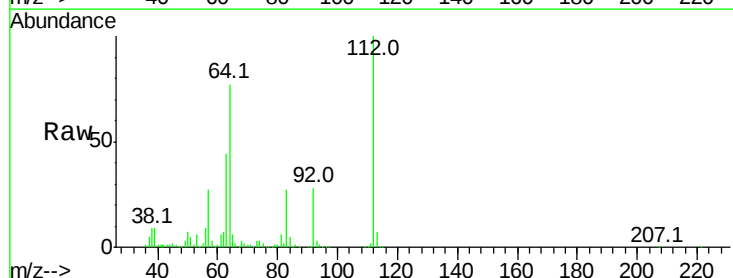
Tot Ion:152 Resp: 155798
Ion Ratio Lower Upper
152 100
150 148.6 119.5 179.3
115 60.9 43.0 64.4

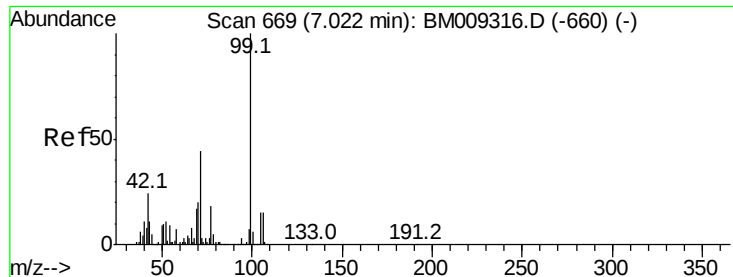


#5

2-Fluorophenol
Concen: 146.48 ng
RT: 5.43 min Scan# 399
Delta R.T. 0.00 min
Lab File: BM009323.D
Acq: 22 Mar 2017 18:12

Tgt Ion:112 Resp: 1369177
Ion Ratio Lower Upper
112 100
64 77.1 38.6 57.8#
63 43.9 19.3 28.9#





#7

Phenol-d6

Concen: 145.08 ng

RT: 7.02 min Scan# 669

Delta R.T. 0.00 min

Lab File: BM009323.D

Acq: 22 Mar 2017 18:12

Instrument :

BNA_M

ClientSampleId :

PB97721BL

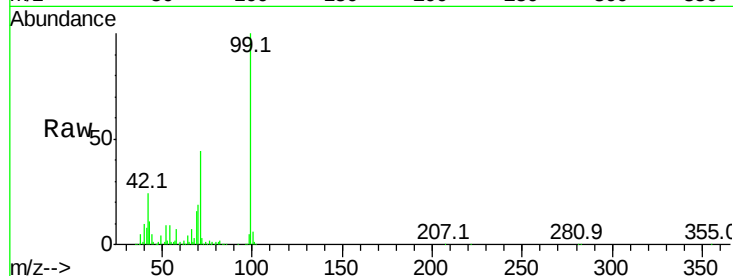
Tot Ion: 99 Resp: 1849229

Ion Ratio Lower Upper

99 100

42 23.9 11.0 16.4#

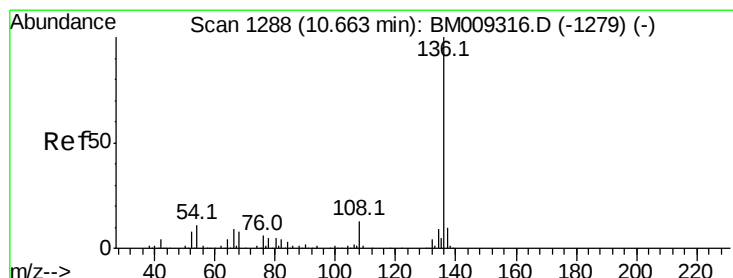
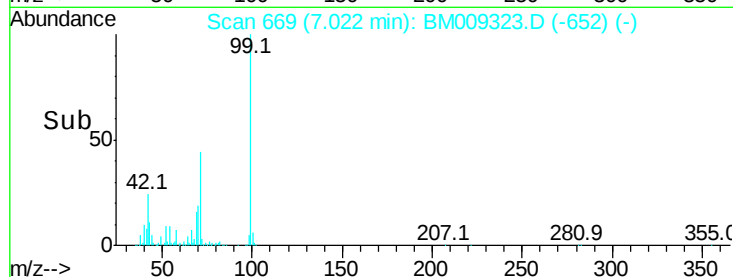
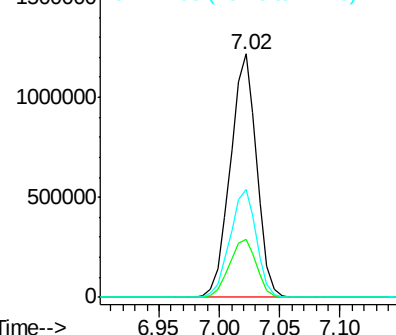
71 44.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009316.D (-660) (-)

Ion 42.00 (41.70 to 42.70): BM009316.D (-660) (-)

Ion 71.00 (70.70 to 71.70): BM009316.D (-660) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BM009323.D

Acq: 22 Mar 2017 18:12

Tgt Ion: 136 Resp: 553050

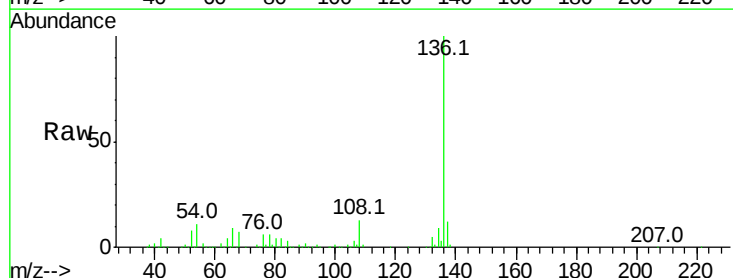
Ion Ratio Lower Upper

136 100

137 11.7 8.7 13.1

54 11.0 4.6 6.8#

68 7.2 3.7 5.5#

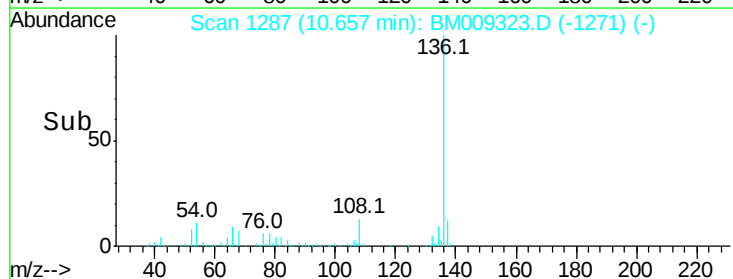
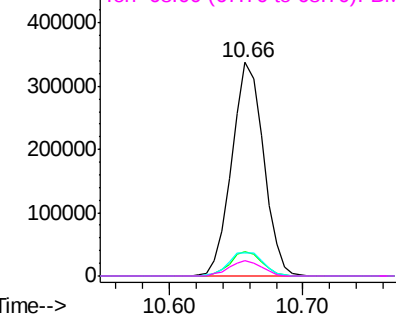


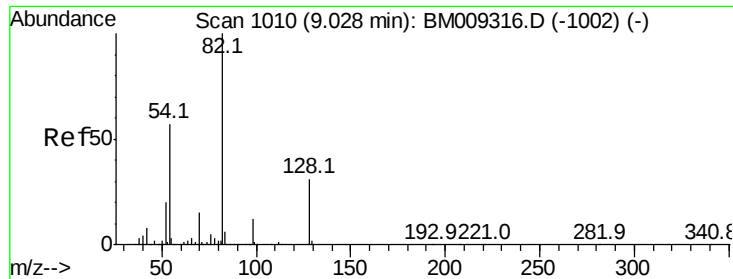
Abundance Ion 136.00 (135.70 to 136.70): BM009316.D (-1279) (-)

Ion 137.00 (136.70 to 137.70): BM009316.D (-1279) (-)

Ion 54.00 (53.70 to 54.70): BM009316.D (-1279) (-)

Ion 68.00 (67.70 to 68.70): BM009316.D (-1279) (-)

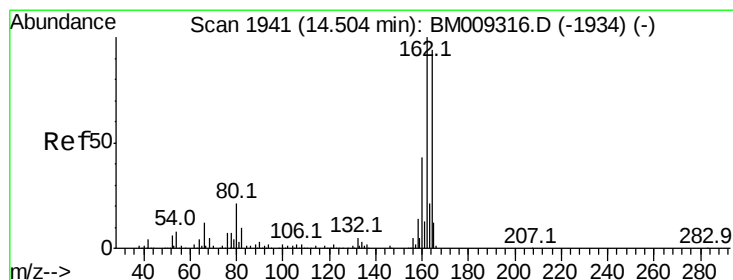
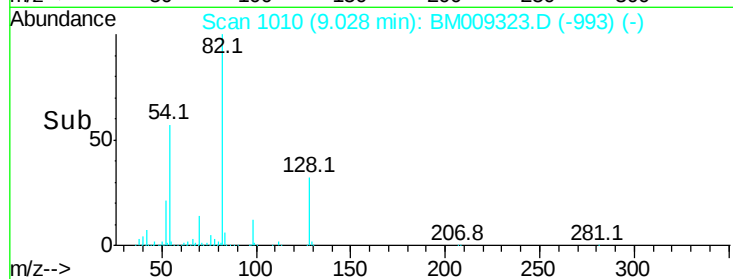
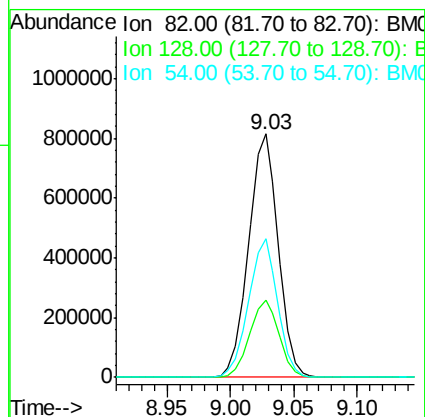
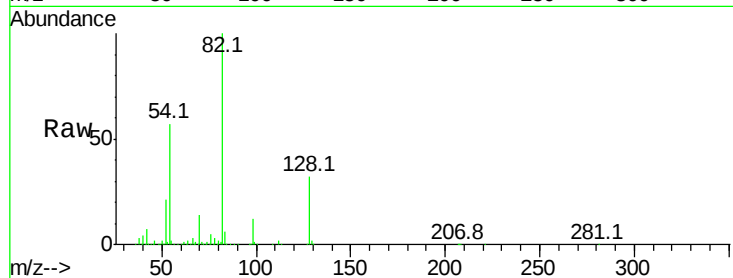




#23
 Nitrobenzene-d5
 Concen: 89.69 ng
 RT: 9.03 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BM009323.D
 Acq: 22 Mar 2017 18:12

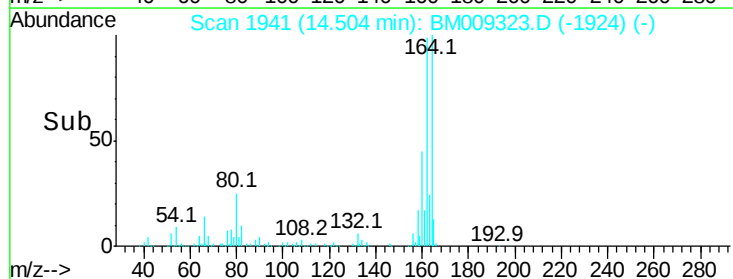
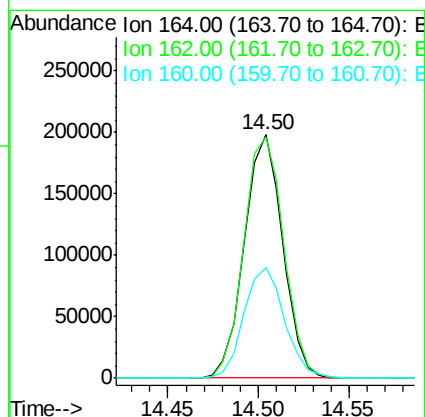
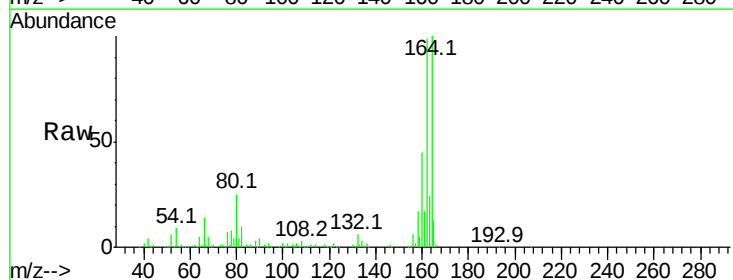
Instrument :
 BNA_M
 ClientSampleId :
 PB97721BL

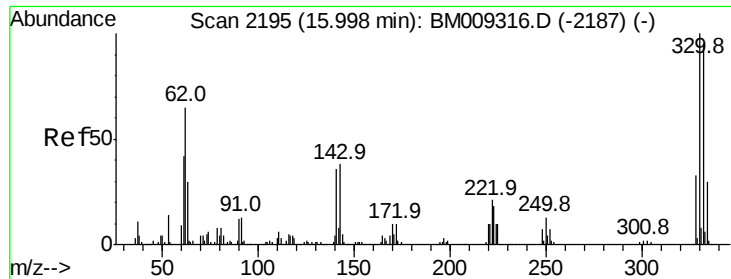
Tot Ion: 82 Resp: 1322992
 Ion Ratio Lower Upper
 82 100
 128 32.0 32.8 49.2#
 54 57.2 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.50 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: BM009323.D
 Acq: 22 Mar 2017 18:12

Tgt Ion: 164 Resp: 291889
 Ion Ratio Lower Upper
 164 100
 162 99.0 82.4 123.6
 160 45.3 35.8 53.6

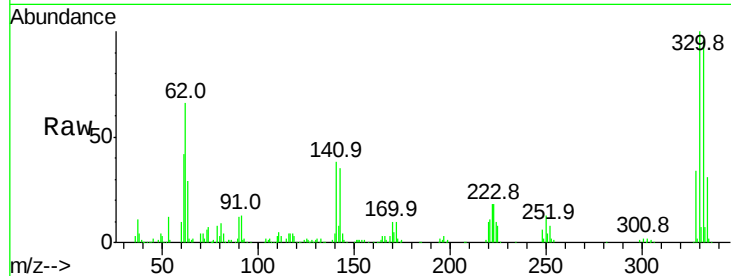




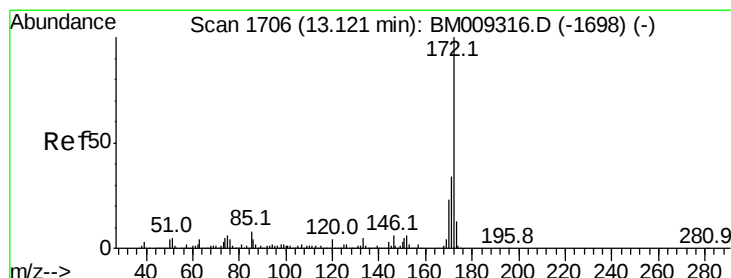
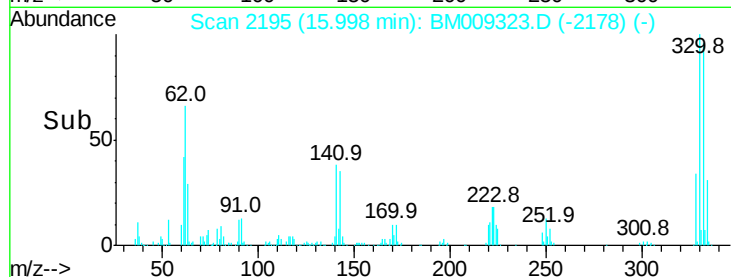
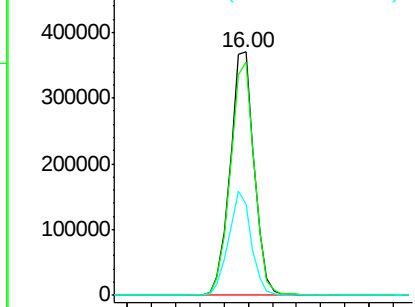
#41
 2,4,6-Tribromophenol
 Concen: 142.29 ng
 RT: 16.00 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: BM009323.D
 Acq: 22 Mar 2017 18:12

Instrument :
 BNA_M
 ClientSampleId :
 PB97721BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	40.5	0.0	0.0#

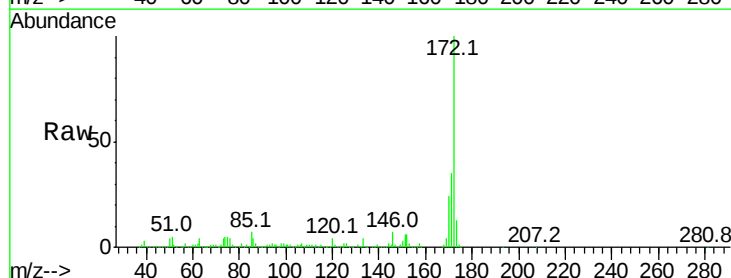


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

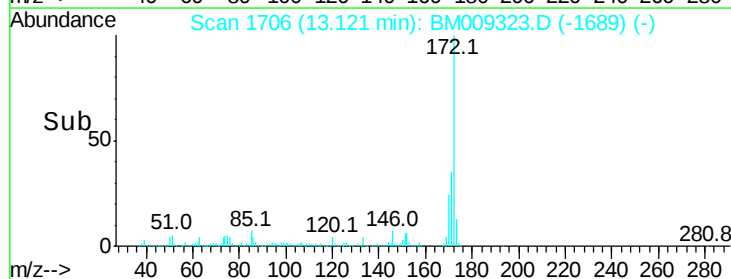
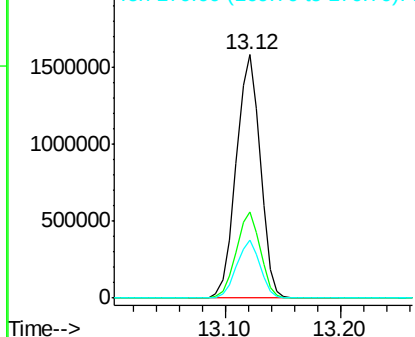


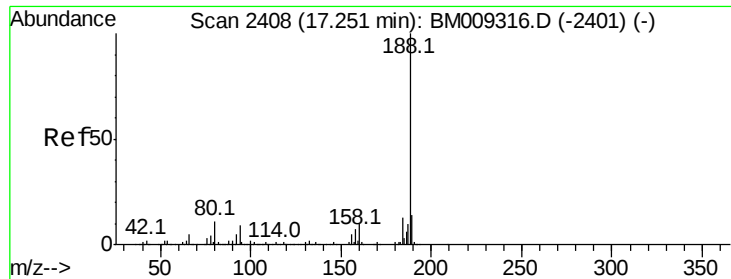
#44
 2-Fluorobiphenyl
 Concen: 93.99 ng
 RT: 13.12 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BM009323.D
 Acq: 22 Mar 2017 18:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.6	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

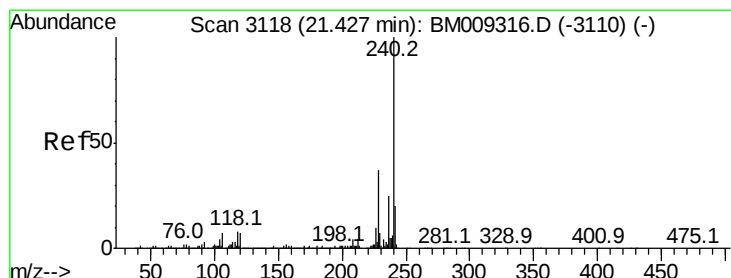
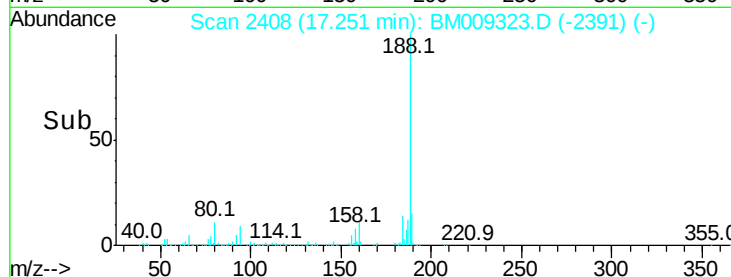
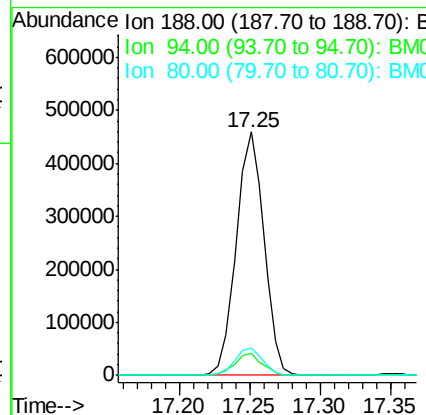
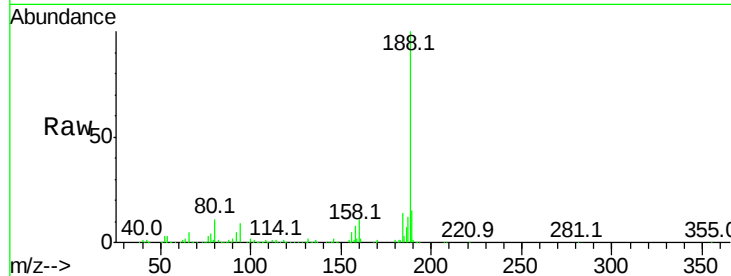




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.25 min Scan# 2408
Delta R.T. 0.00 min
Lab File: BM009323.D
Acq: 22 Mar 2017 18:12

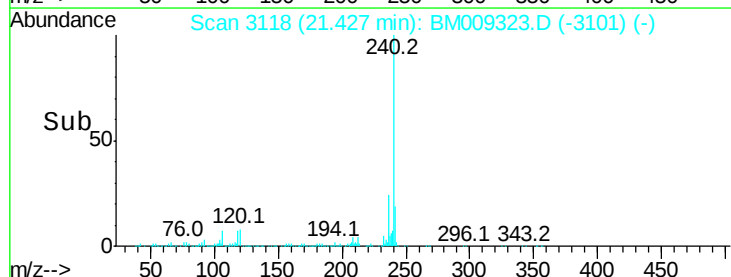
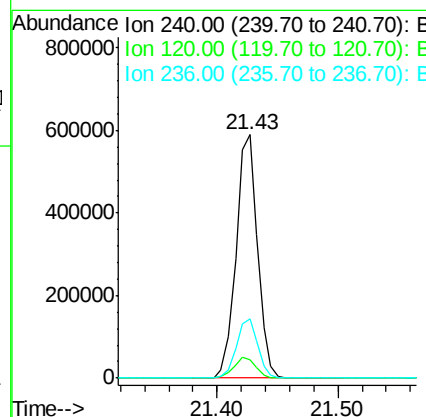
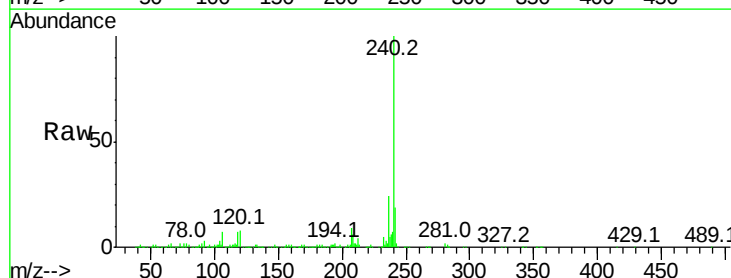
Instrument :
BNA_M
ClientSampleId :
PB97721BL

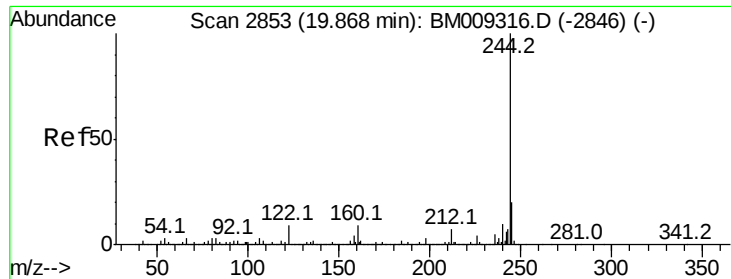
Tot Ion:188 Resp: 629932
Ion Ratio Lower Upper
188 100
94 9.0 8.7 13.1
80 11.3 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.43 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BM009323.D
Acq: 22 Mar 2017 18:12

Tgt Ion:240 Resp: 727579
Ion Ratio Lower Upper
240 100
120 7.5 8.2 12.2#
236 24.4 20.0 30.0





#78

Terphenyl-d14

Concen: 83.02 ng

RT: 19.87 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BM009323.D

Acq: 22 Mar 2017 18:12

Instrument :

BNA_M

ClientSampleId :

PB97721BL

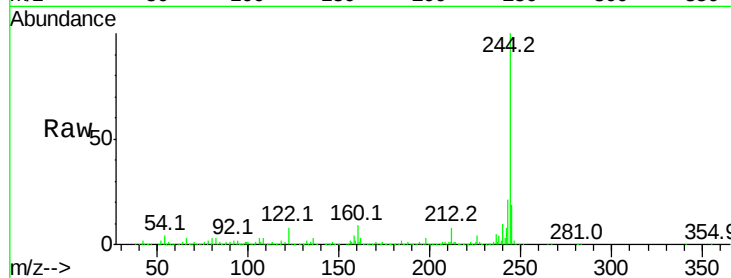
Tot Ion:244 Resp: 2890622

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

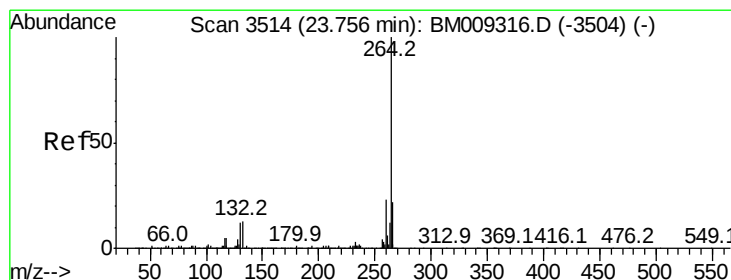
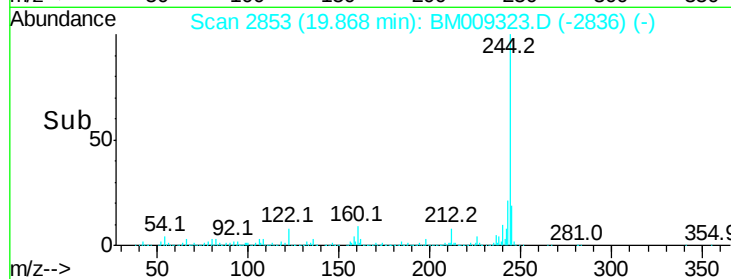
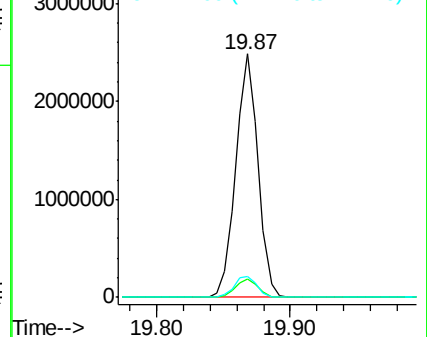
122 8.5 6.2 9.4



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: 20.00 ng

RT: 23.75 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BM009323.D

Acq: 22 Mar 2017 18:12

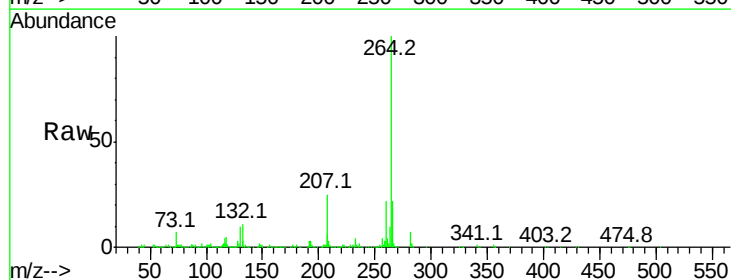
Tgt Ion:264 Resp: 665900

Ion Ratio Lower Upper

264 100

260 21.5 18.6 27.8

265 21.5 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

