

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
 Data File : BM009508.D
 Acq On : 03 Apr 2017 19:53
 Operator : SJ/MA
 Sample : I2494-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DRW2

Quant Time: Apr 04 01:22:11 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 12:10:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	118724	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	453603	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	261754	20.00	ng	-0.02
63) Phenanthrene-d10	17.24	188	651777	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	910631	20.00	ng	-0.01
86) Perylene-d12	23.73	264	844152	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	517313	72.63	ng	-0.01
7) Phenol-d6	7.00	99	458945	47.25	ng	-0.02
23) Nitrobenzene-d5	9.01	82	1096573	90.64	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	499547	153.62	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1918336	88.31	ng	-0.02
78) Terphenyl-d14	19.86	244	3712972	85.20	ng	-0.01

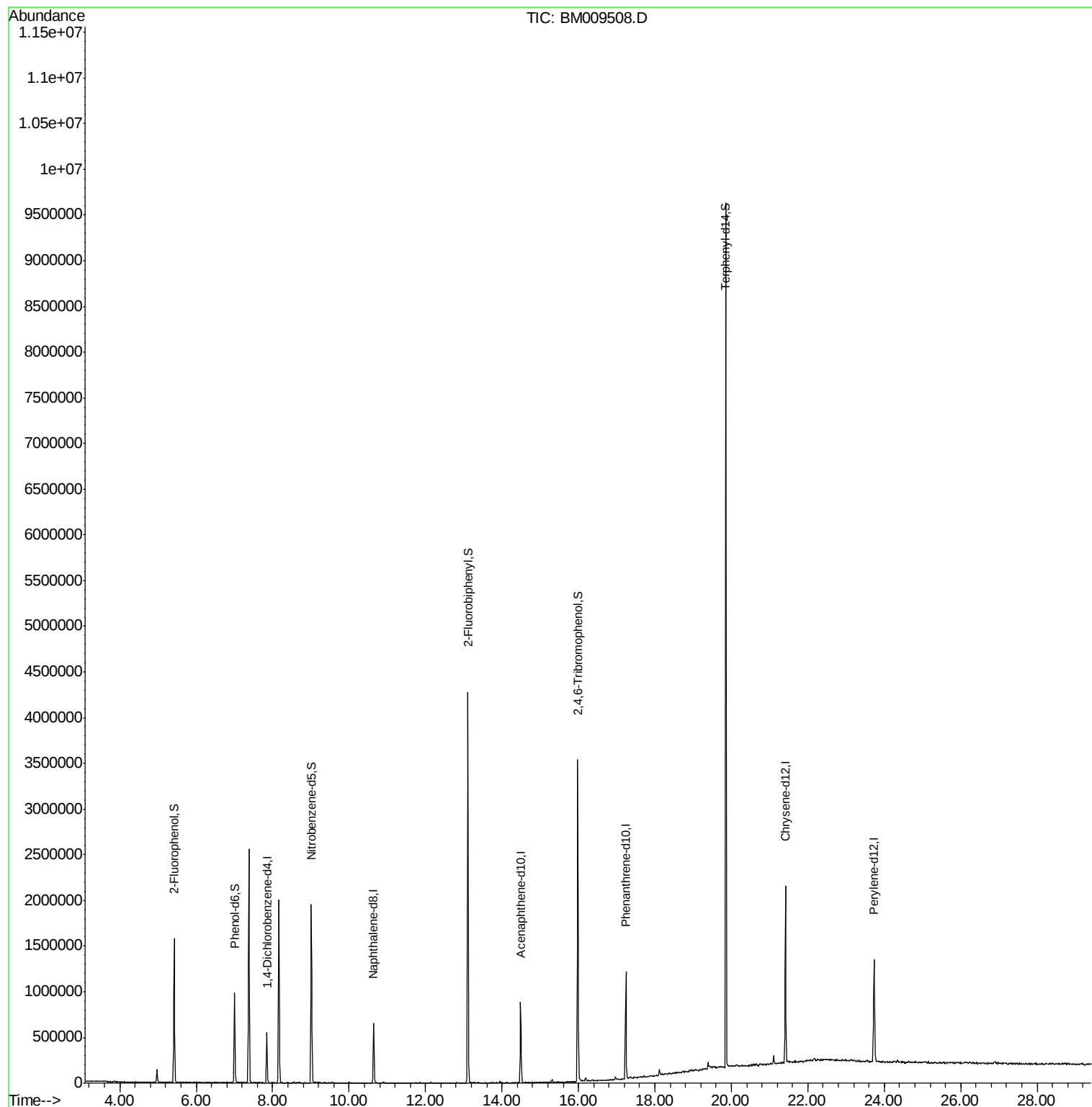
Target Compounds Qvalue

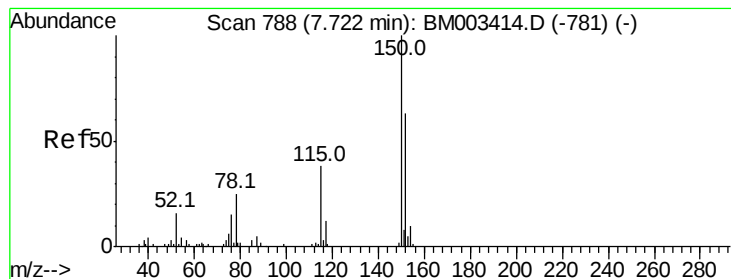
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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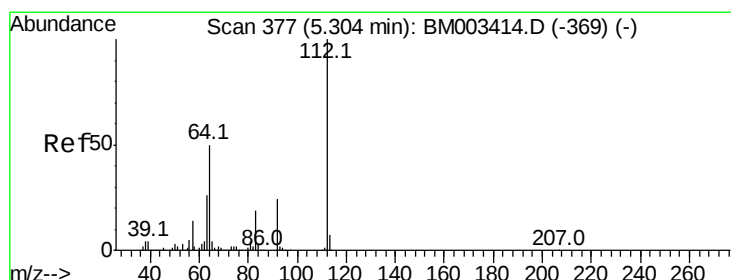
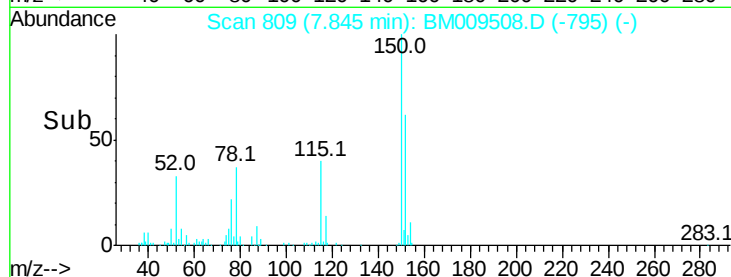
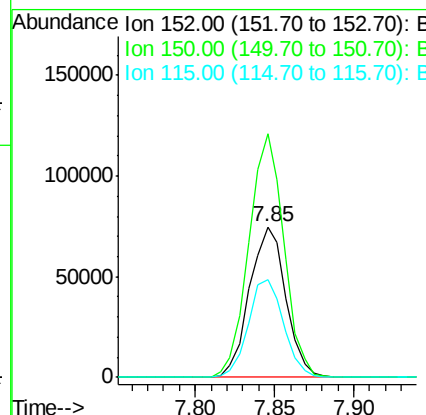
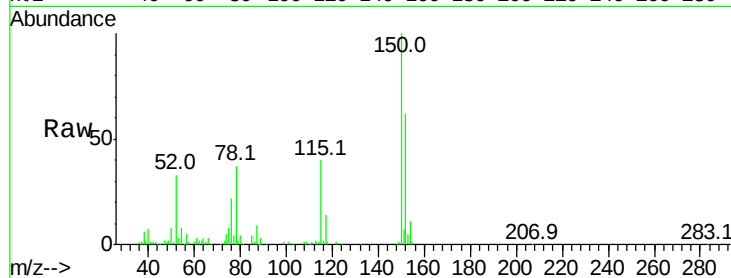


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009508.D
Acq: 03 Apr 2017 19:53

Instrument :
BNA_M
ClientSampleId :
DRW2

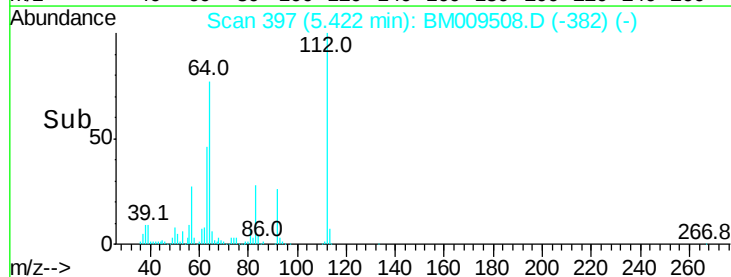
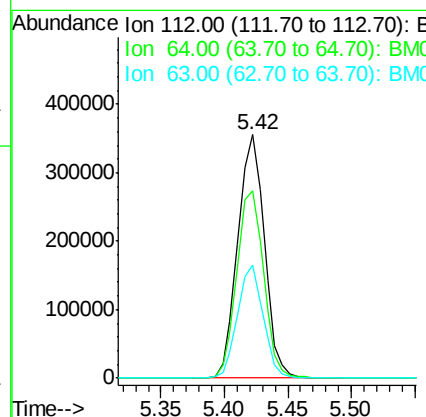
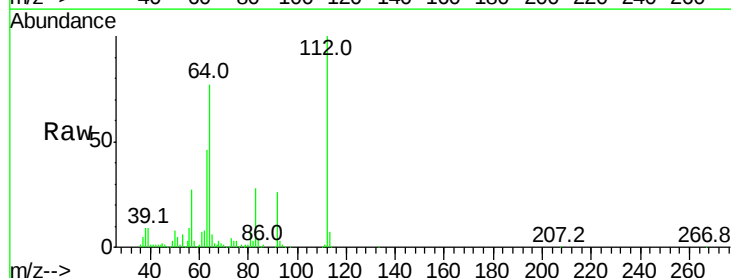
Tot Ion:152 Resp: 118724
Ion Ratio Lower Upper
152 100
150 161.6 119.5 179.3
115 65.2 43.0 64.4#

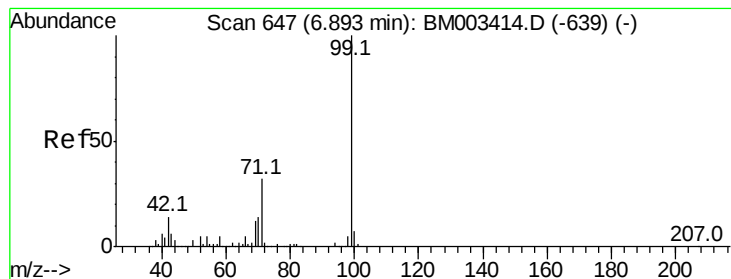


#5

2-Fluorophenol
Concen: 72.63 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009508.D
Acq: 03 Apr 2017 19:53

Tgt Ion:112 Resp: 517313
Ion Ratio Lower Upper
112 100
64 76.7 38.6 57.8#
63 46.4 19.3 28.9#





#7

Phenol-d6

Concen: 47.25 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009508.D

Acq: 03 Apr 2017 19:53

Instrument :

BNA_M

ClientSampleId :

DRW2

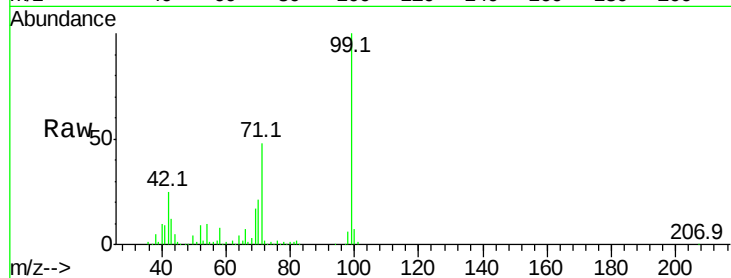
Tot Ion: 99 Resp: 458945

Ion Ratio Lower Upper

99 100

42 25.4 11.0 16.4#

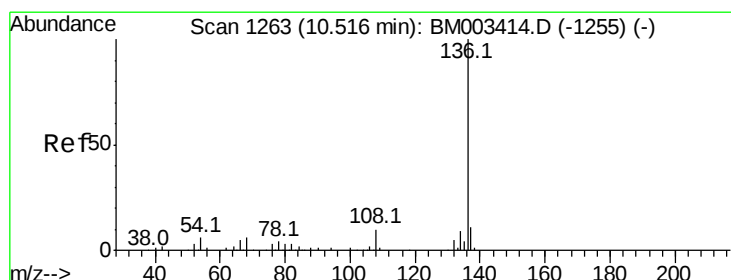
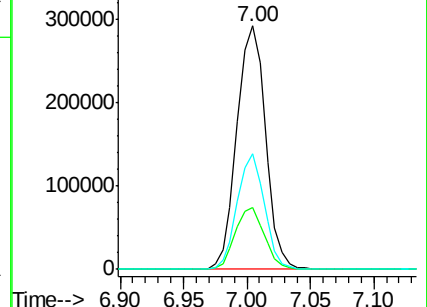
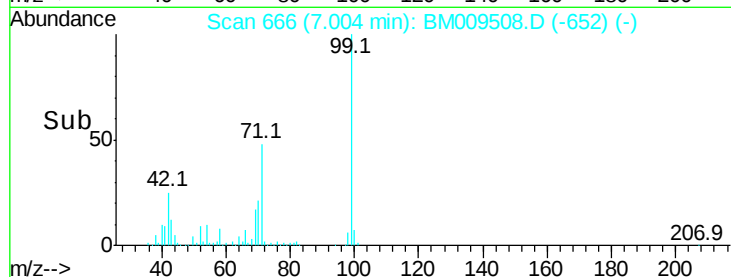
71 47.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009508.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009508.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009508.D (-652) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BM009508.D

Acq: 03 Apr 2017 19:53

Tgt Ion: 136 Resp: 453603

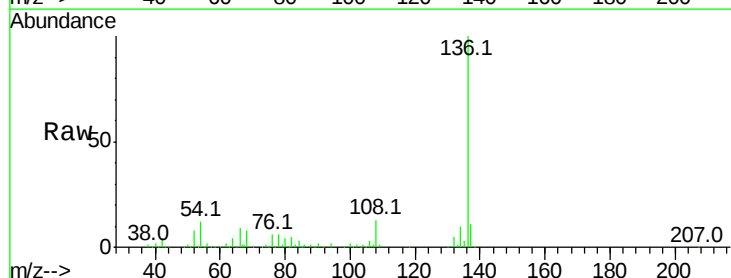
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 11.6 4.6 6.8#

68 7.7 3.7 5.5#

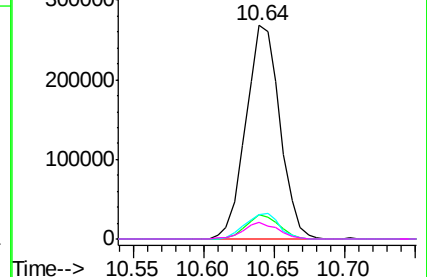
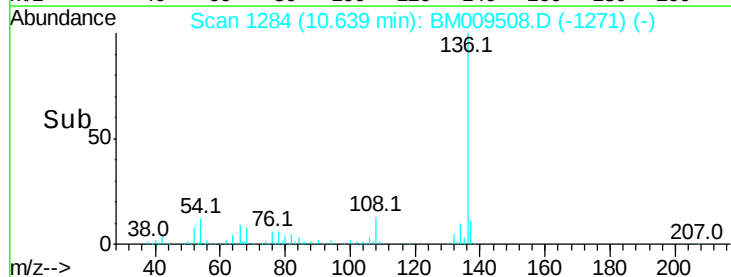


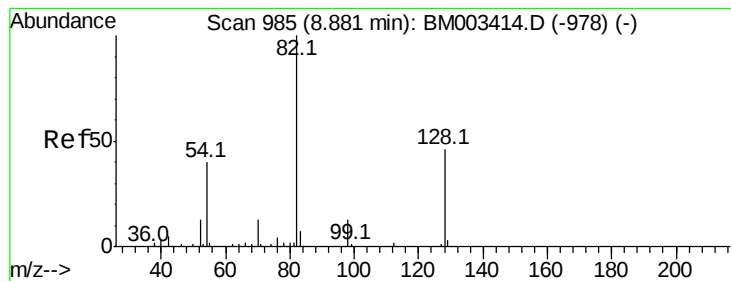
Abundance Ion 136.00 (135.70 to 136.70): BM009508.D (-1271) (-)

Ion 137.00 (136.70 to 137.70): BM009508.D (-1271) (-)

Ion 54.00 (53.70 to 54.70): BM009508.D (-1271) (-)

Ion 68.00 (67.70 to 68.70): BM009508.D (-1271) (-)





#23

Nitrobenzene-d5

Concen: 90.64 ng

RT: 9.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BM009508.D

Acq: 03 Apr 2017 19:53

Instrument :

BNA_M

ClientSampleId :

DRW2

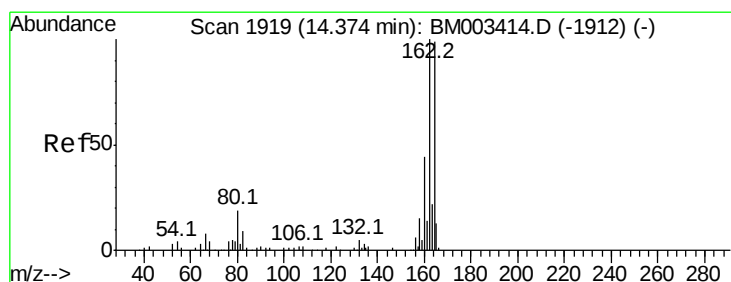
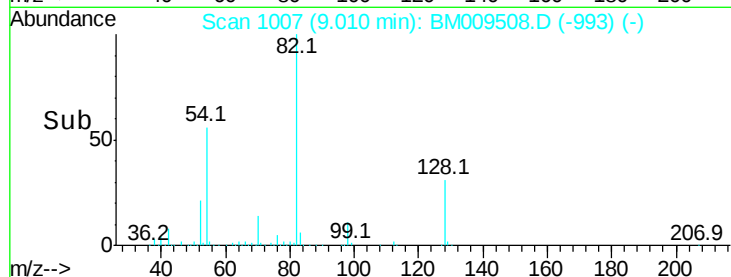
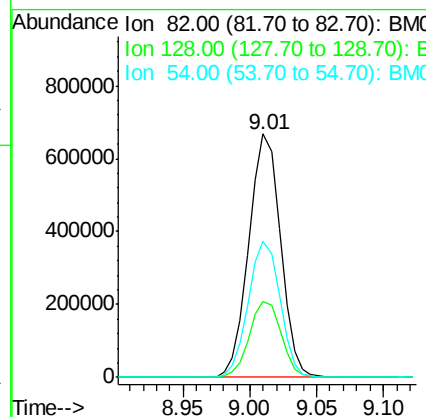
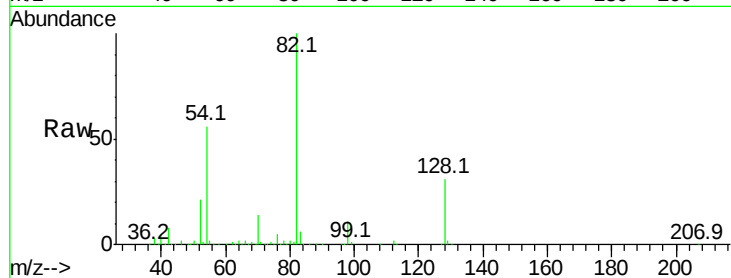
Tot Ion: 82 Resp: 1096573

Ion Ratio Lower Upper

82 100

128 31.2 32.8 49.2#

54 56.0 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.49 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BM009508.D

Acq: 03 Apr 2017 19:53

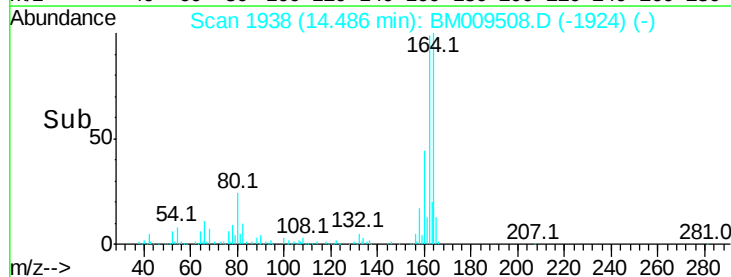
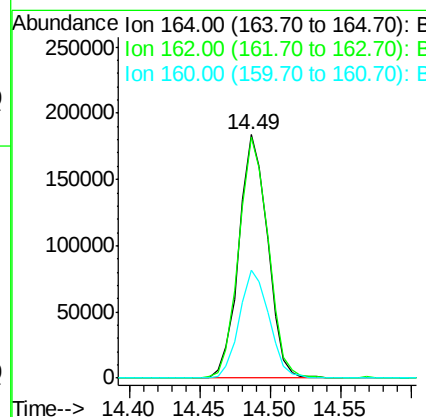
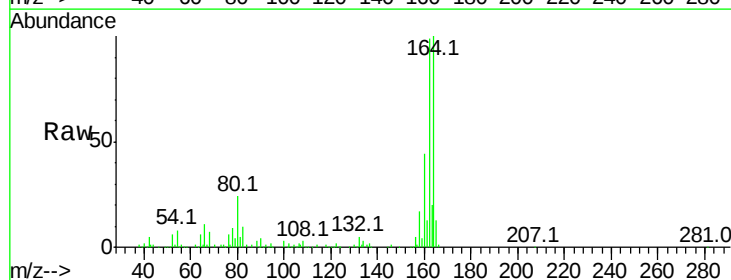
Tgt Ion: 164 Resp: 261754

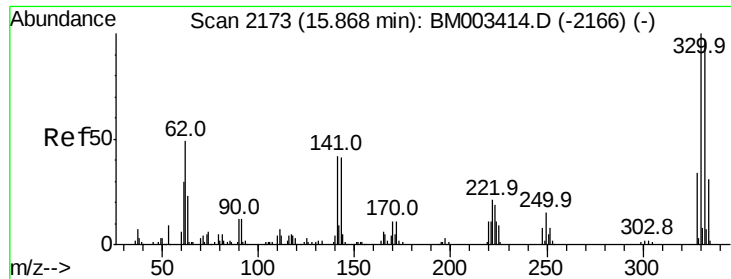
Ion Ratio Lower Upper

164 100

162 98.9 82.4 123.6

160 44.4 35.8 53.6

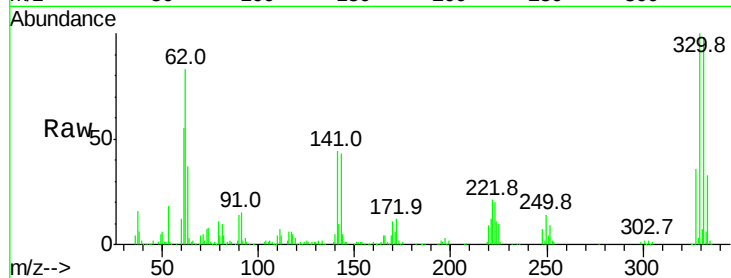




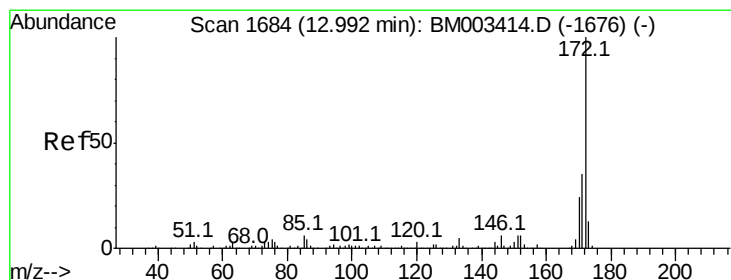
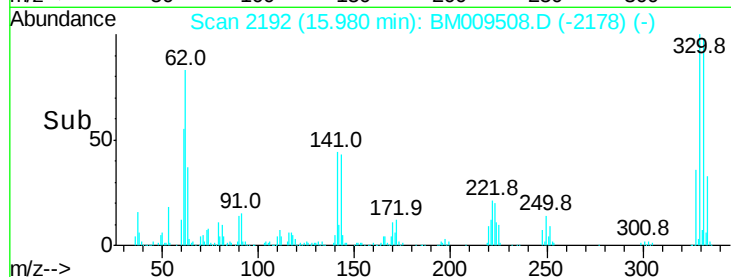
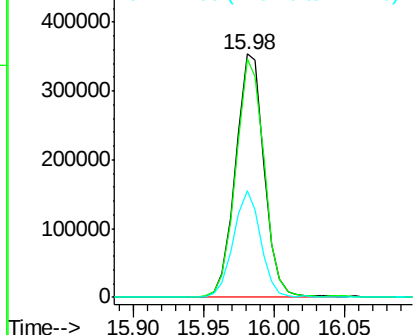
#41
 2,4,6-Tribromophenol
 Concen: 153.62 ng
 RT: 15.98 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BM009508.D
 Acq: 03 Apr 2017 19:53

Instrument :
 BNA_M
 ClientSampleId :
 DRW2

Tot Ion:330 Resp: 499547
 Ion Ratio Lower Upper
 330 100
 332 97.3 0.0 0.0#
 141 42.4 0.0 0.0#

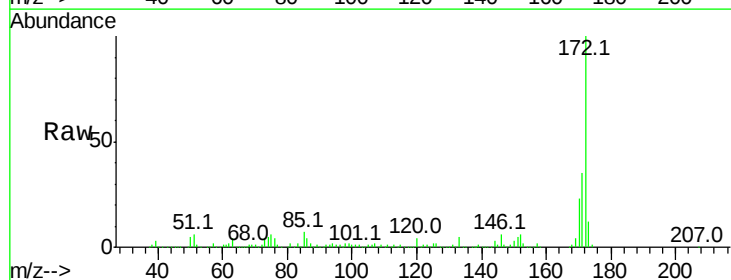


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

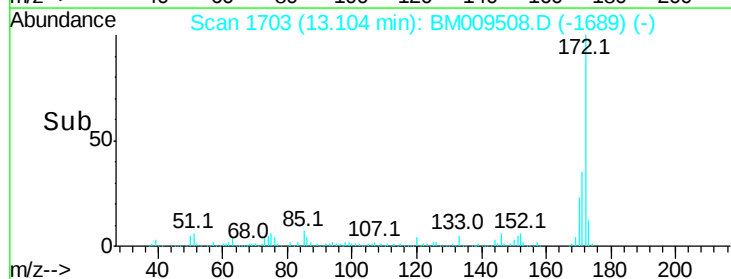
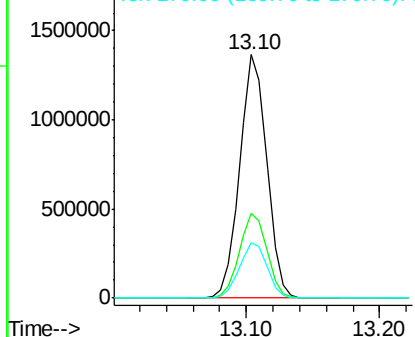


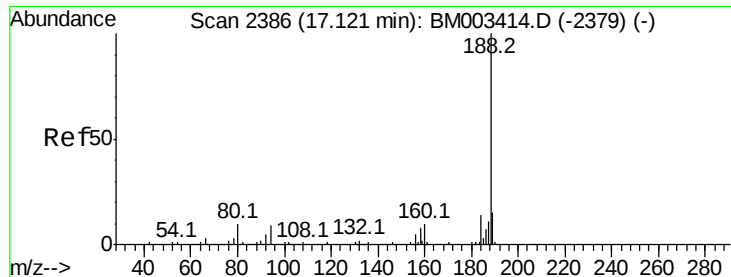
#44
 2-Fluorobiphenyl
 Concen: 88.31 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM009508.D
 Acq: 03 Apr 2017 19:53

Tgt Ion:172 Resp: 1918336
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 22.9 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

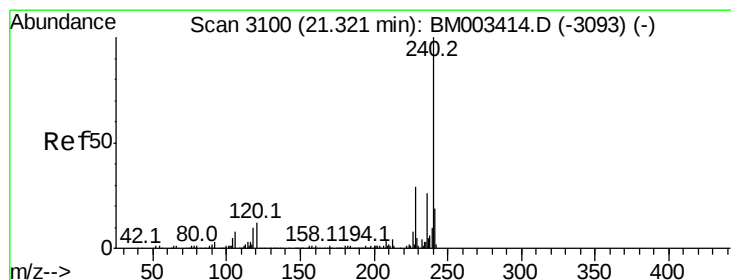
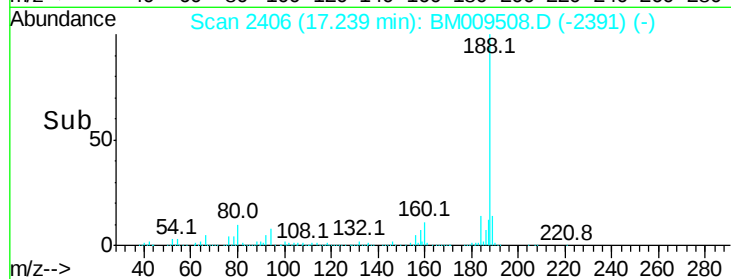
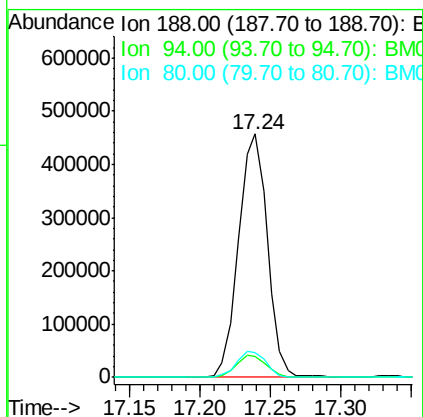
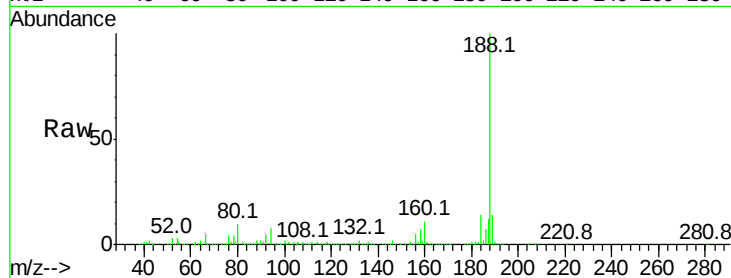




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009508.D
Acq: 03 Apr 2017 19:53

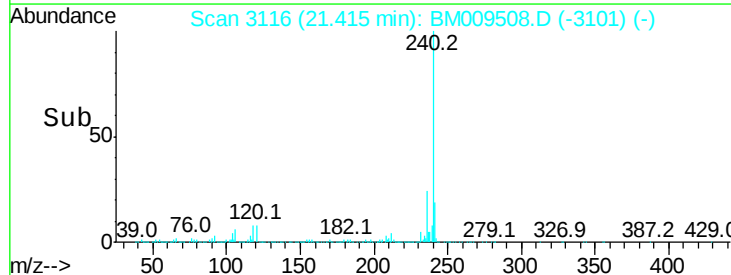
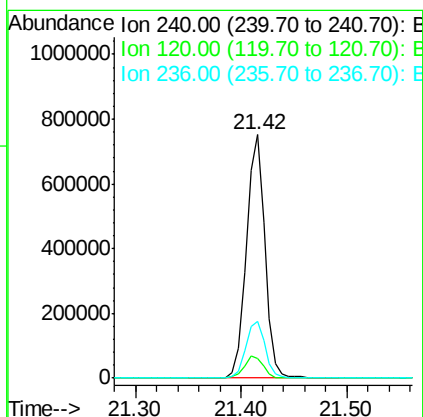
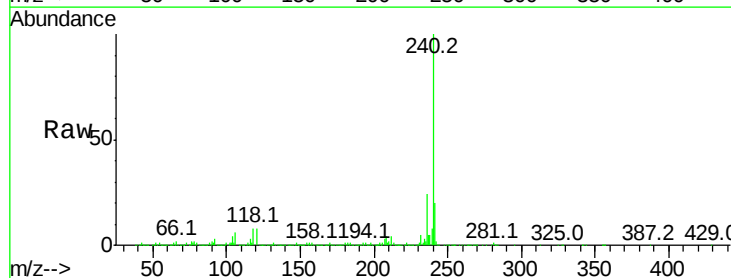
Instrument :
BNA_M
ClientSampleId :
DRW2

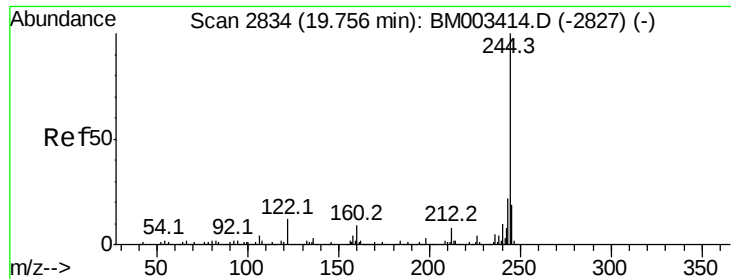
Tot Ion:188 Resp: 651777
Ion Ratio Lower Upper
188 100
94 8.5 8.7 13.1#
80 10.1 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM009508.D
Acq: 03 Apr 2017 19:53

Tgt Ion:240 Resp: 910631
Ion Ratio Lower Upper
240 100
120 7.8 8.2 12.2#
236 23.5 20.0 30.0





#78

Terphenyl-d14

Concen: 85.20 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009508.D

Acq: 03 Apr 2017 19:53

Instrument :

BNA_M

ClientSampleId :

DRW2

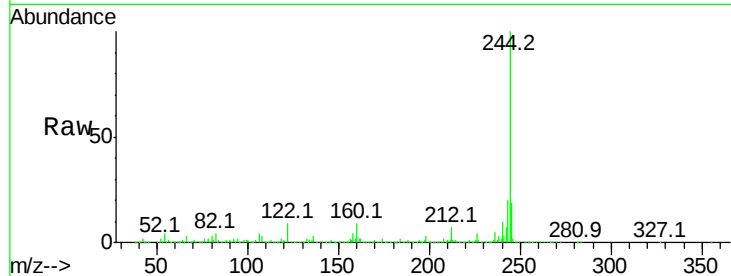
Tot Ion:244 Resp: 3712972

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

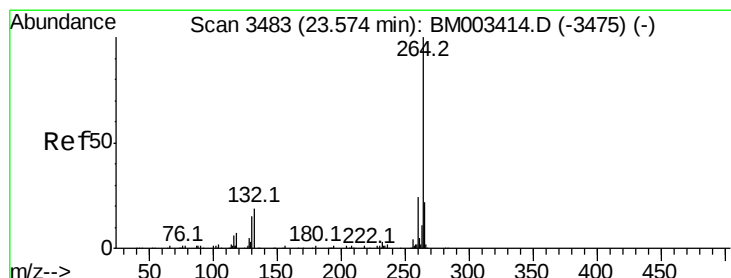
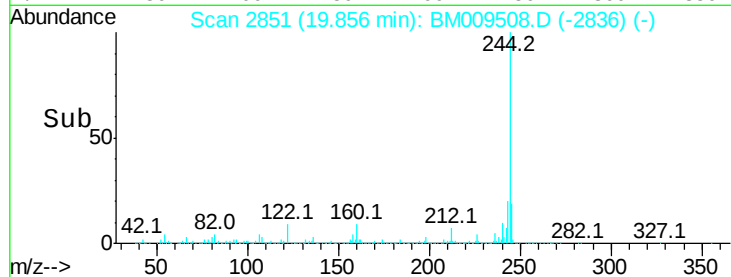
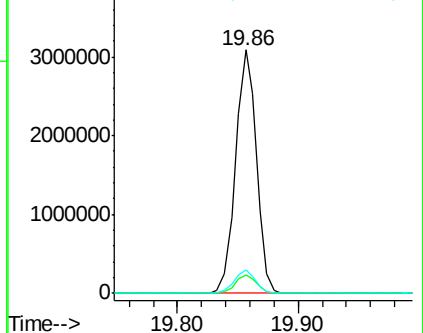
122 9.5 6.2 9.4#



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: 23.73 min Scan# 3510

Delta R.T. -0.02 min

Lab File: BM009508.D

Acq: 03 Apr 2017 19:53

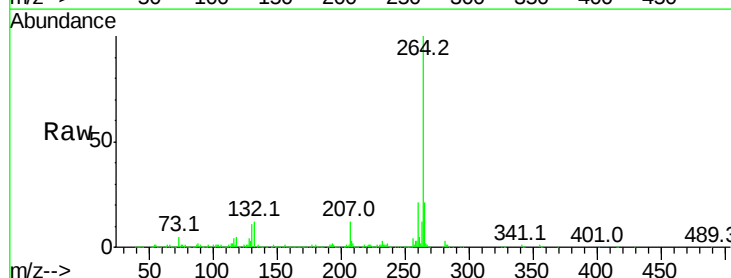
Tgt Ion:264 Resp: 844152

Ion Ratio Lower Upper

264 100

260 21.4 18.6 27.8

265 20.9 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

