

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
 Data File : BM009502.D
 Acq On : 03 Apr 2017 16:17
 Operator : SJ/MA
 Sample : PB97981TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97981TB

Quant Time: Apr 04 01:20:46 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	104376	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	387993	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	215636	20.00	ng	-0.02
63) Phenanthrene-d10	17.24	188	512162	20.00	ng	-0.01
75) Chrysene-d12	21.41	240	719177	20.00	ng	-0.01
86) Perylene-d12	23.74	264	691695	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	887867	141.79	ng	-0.01
7) Phenol-d6	7.00	99	1225418	143.51	ng	-0.02
23) Nitrobenzene-d5	9.01	82	843909	81.55	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	357577	133.48	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1516633	84.75	ng	-0.02
78) Terphenyl-d14	19.86	244	2438419	70.85	ng	-0.01

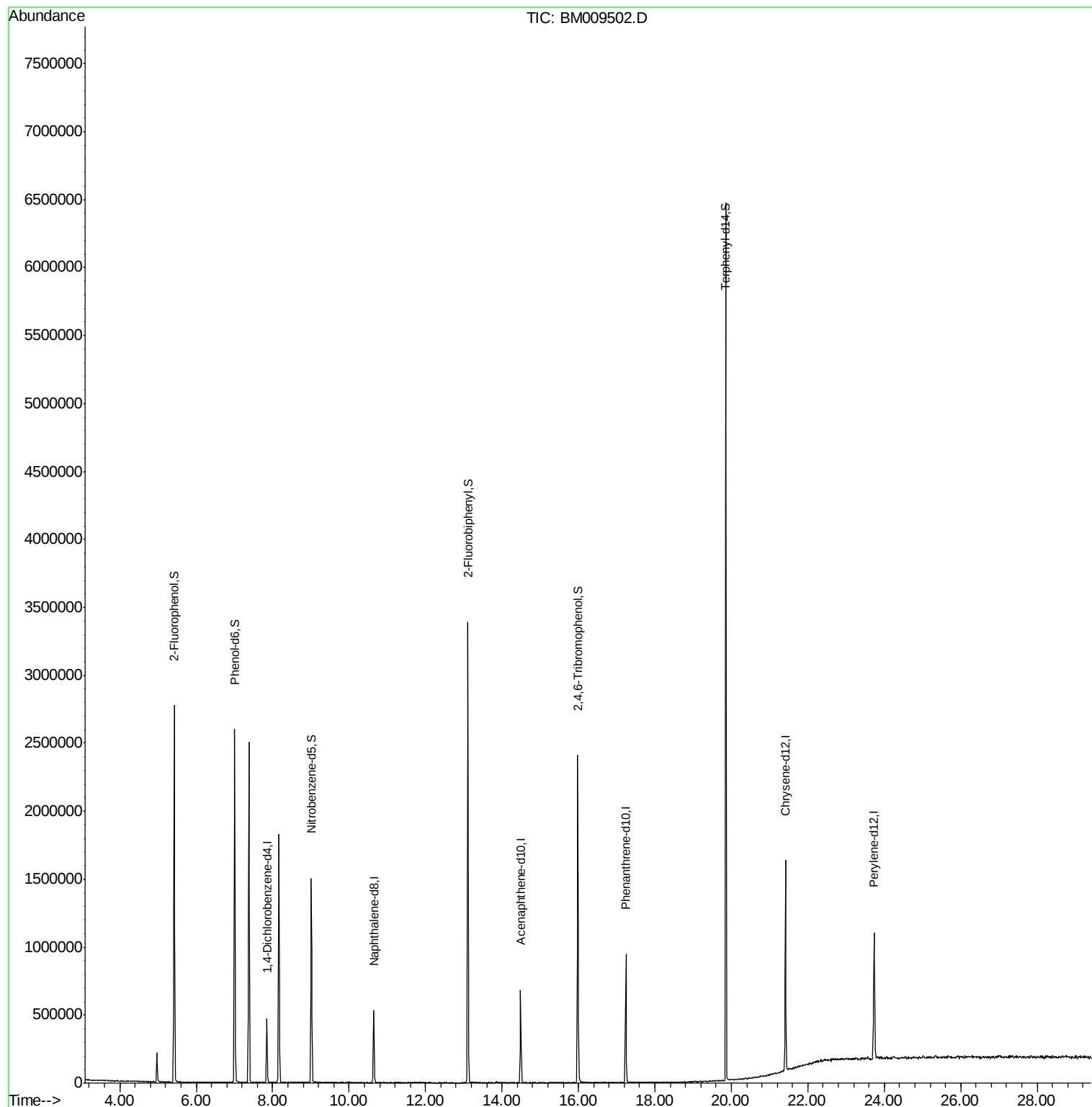
Target Compounds Qvalue

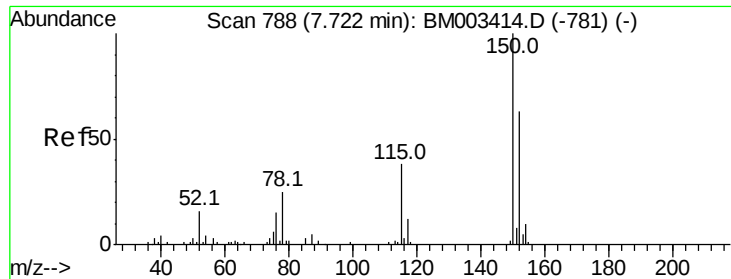
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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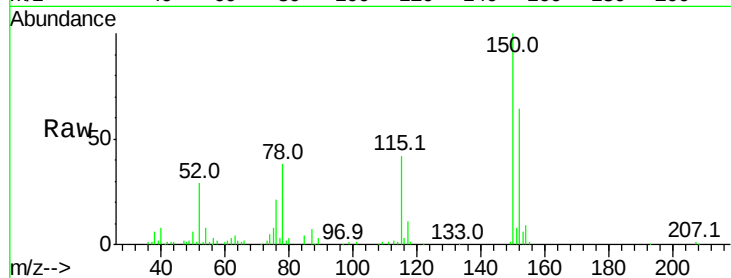


#1

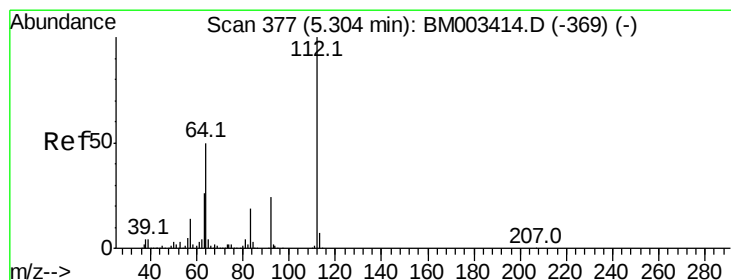
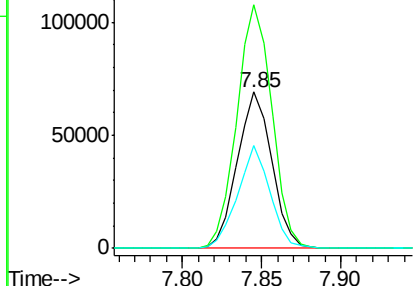
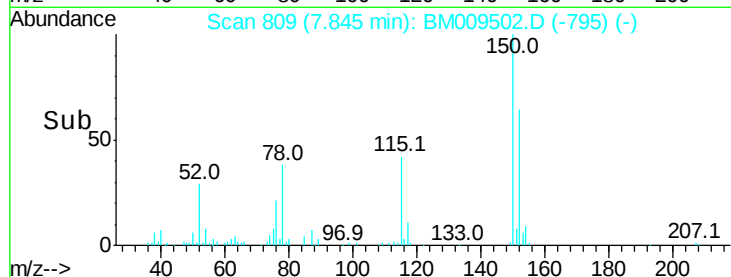
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009502.D
Acq: 03 Apr 2017 16:17

Instrument :
BNA_M
ClientSampleId :
PB97981TB

Tot Ion:152 Resp: 104376
Ion Ratio Lower Upper
152 100
150 156.1 119.5 179.3
115 65.9 43.0 64.4#



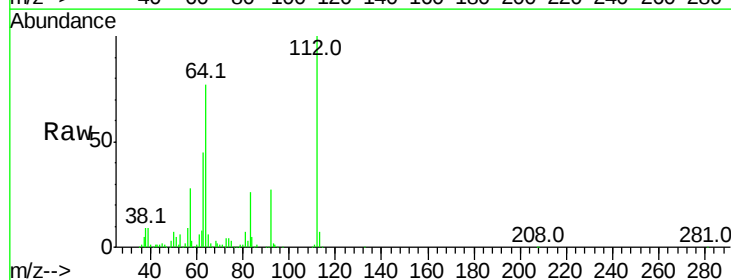
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



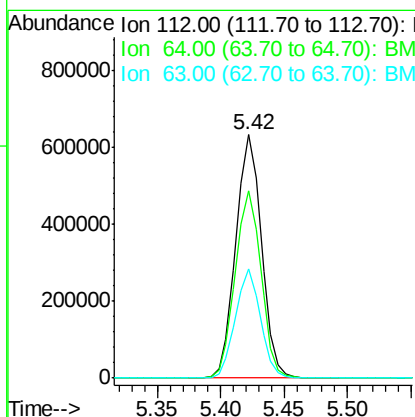
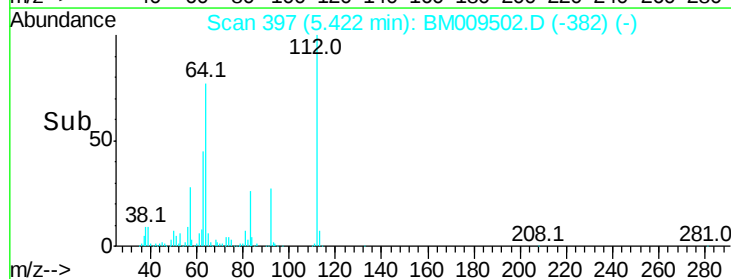
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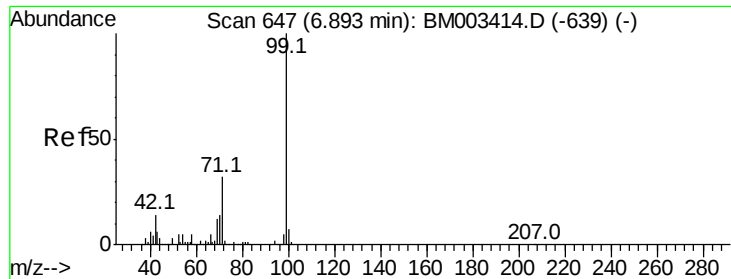
2-Fluorophenol
Concen: 141.79 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009502.D
Acq: 03 Apr 2017 16:17

Tgt Ion:112 Resp: 887867
Ion Ratio Lower Upper
112 100
64 76.8 38.6 57.8#
63 45.0 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: 143.51 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009502.D

Acq: 03 Apr 2017 16:17

Instrument :

BNA_M

ClientSampleId :

PB97981TB

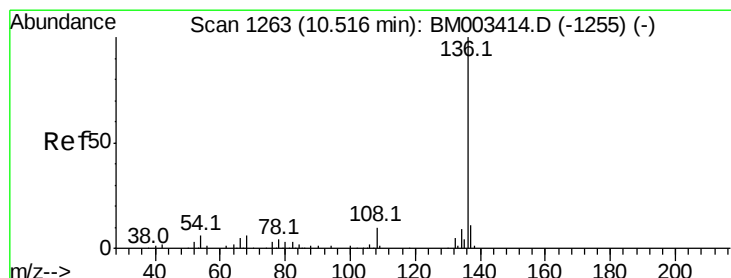
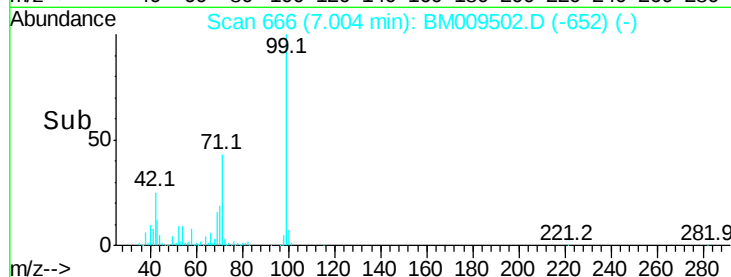
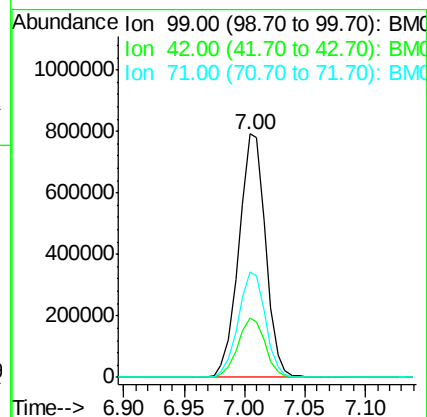
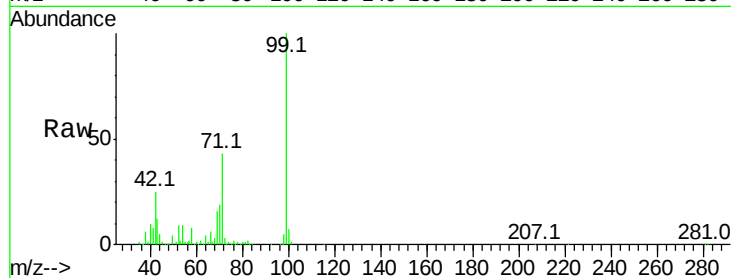
Tot Ion: 99 Resp: 1225418

Ion Ratio Lower Upper

99 100

42 24.5 11.0 16.4#

71 43.2 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BM009502.D

Acq: 03 Apr 2017 16:17

Tgt Ion: 136 Resp: 387993

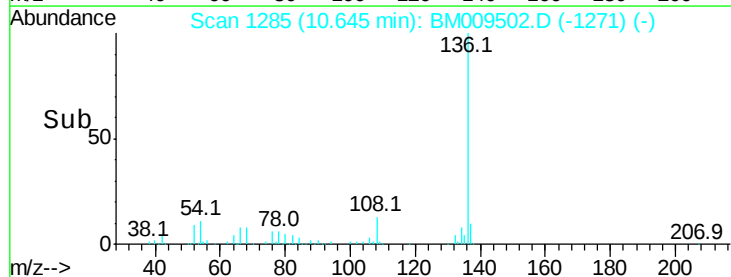
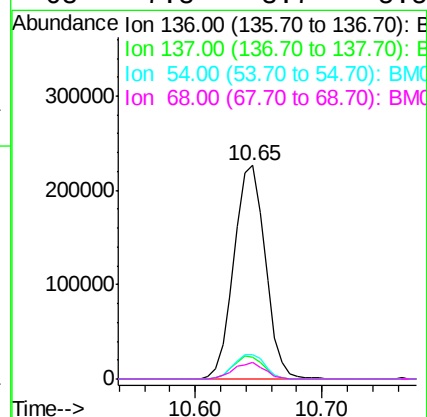
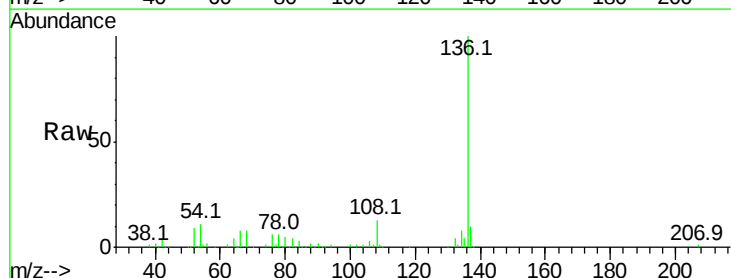
Ion Ratio Lower Upper

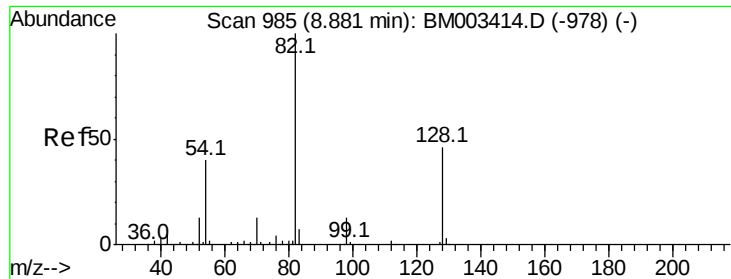
136 100

137 10.4 8.7 13.1

54 11.2 4.6 6.8#

68 7.8 3.7 5.5#

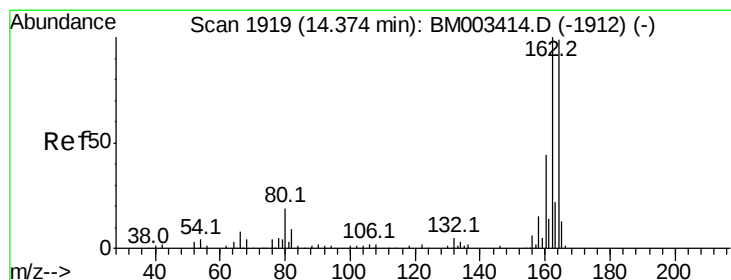
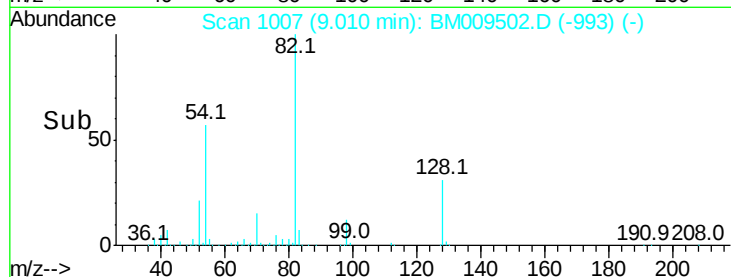
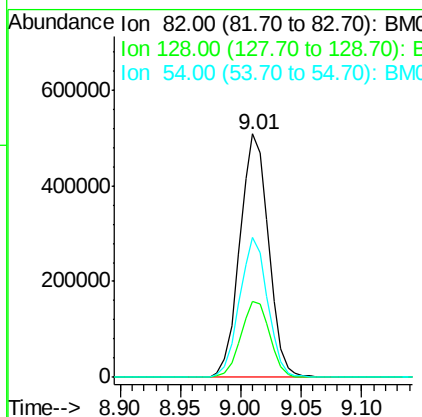
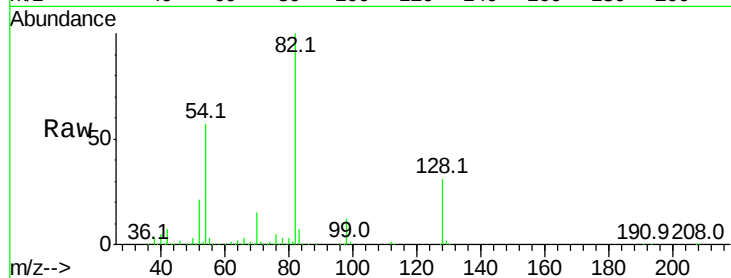




#23
 Nitrobenzene-d5
 Concen: 81.55 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009502.D
 Acq: 03 Apr 2017 16:17

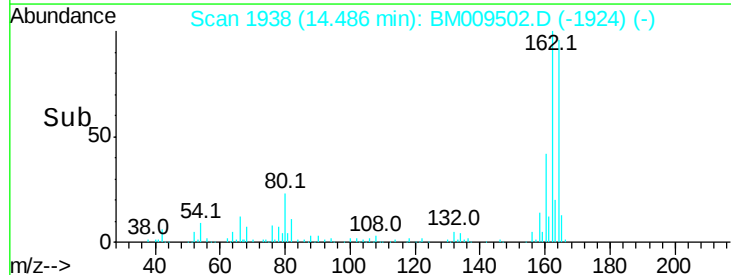
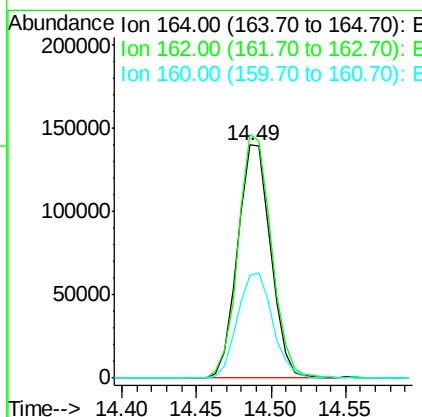
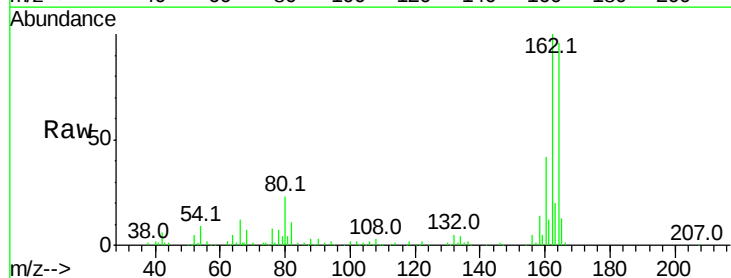
Instrument :
 BNA_M
 ClientSampleId :
 PB97981TB

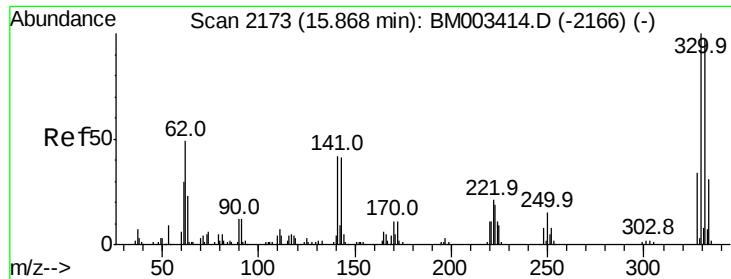
Tot Ion: 82 Resp: 843909
 Ion Ratio Lower Upper
 82 100
 128 31.2 32.8 49.2#
 54 57.5 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BM009502.D
 Acq: 03 Apr 2017 16:17

Tgt Ion:164 Resp: 215636
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.4 123.6
 160 44.4 35.8 53.6

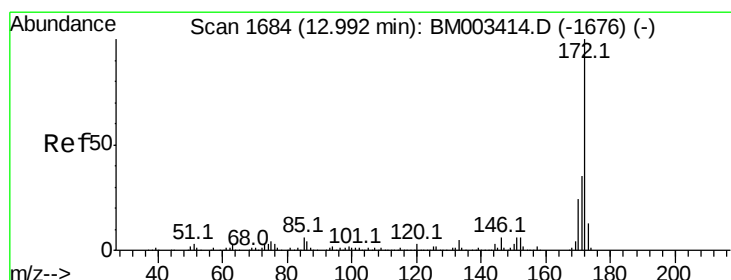
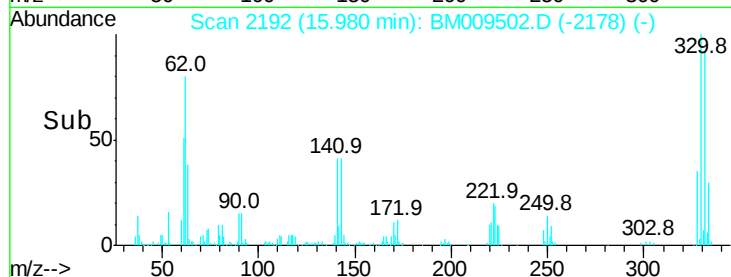
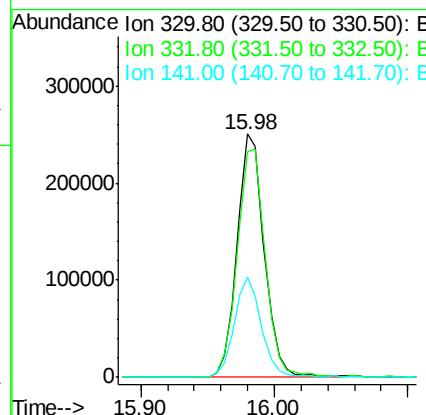
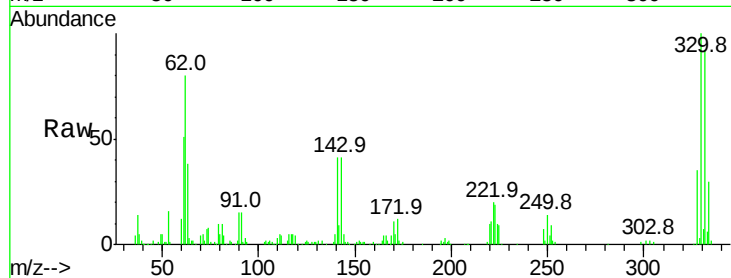




#41
 2,4,6-Tribromophenol
 Concen: 133.48 ng
 RT: 15.98 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BM009502.D
 Acq: 03 Apr 2017 16:17

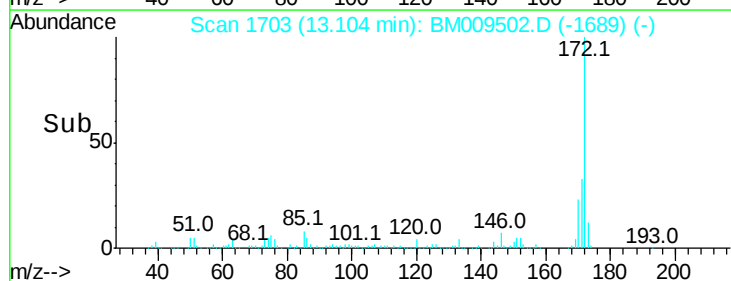
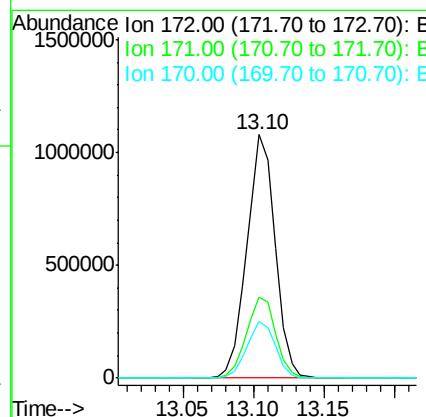
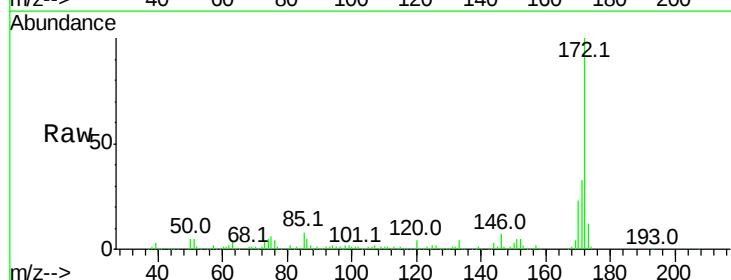
Instrument :
 BNA_M
 ClientSampleId :
 PB97981TB

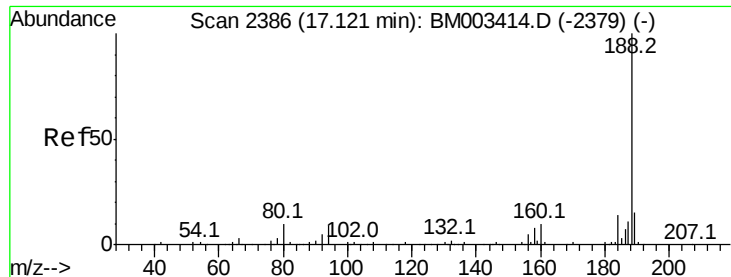
Tot Ion:330 Resp: 357577
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 41.1 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 84.75 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM009502.D
 Acq: 03 Apr 2017 16:17

Tgt Ion:172 Resp: 1516633
 Ion Ratio Lower Upper
 172 100
 171 33.5 28.5 42.7
 170 23.2 18.8 28.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.24 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BM009502.D

Acq: 03 Apr 2017 16:17

Instrument :

BNA_M

ClientSampleId :

PB97981TB

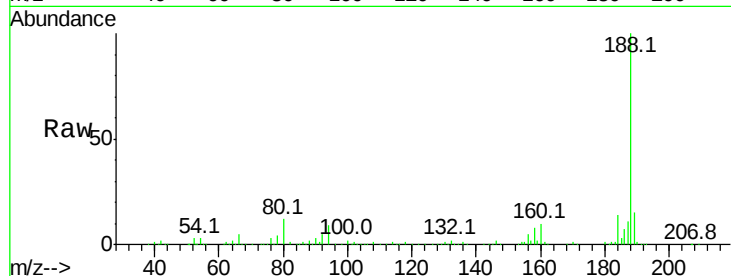
Tot Ion:188 Resp: 512162

Ion Ratio Lower Upper

188 100

94 9.1 8.7 13.1

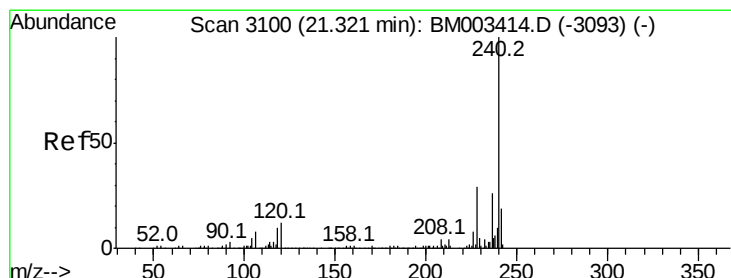
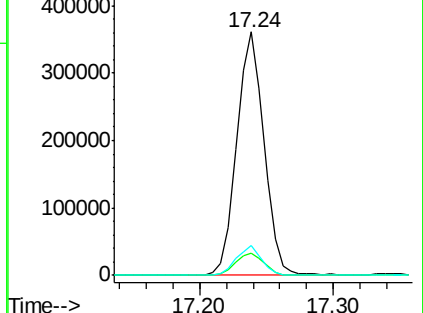
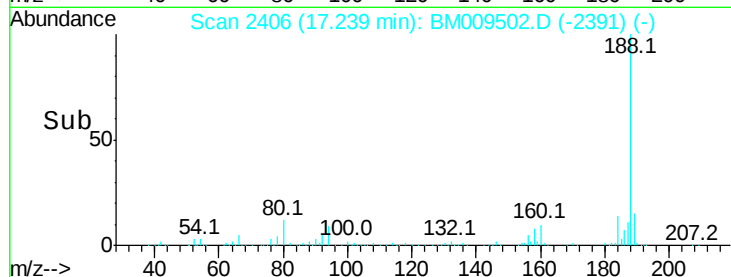
80 12.4 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.41 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM009502.D

Acq: 03 Apr 2017 16:17

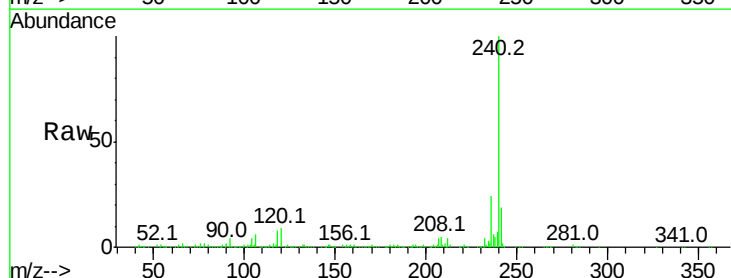
Tgt Ion:240 Resp: 719177

Ion Ratio Lower Upper

240 100

120 9.2 8.2 12.2

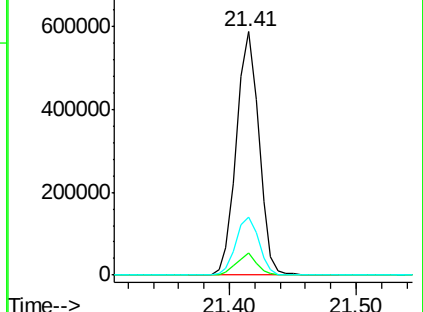
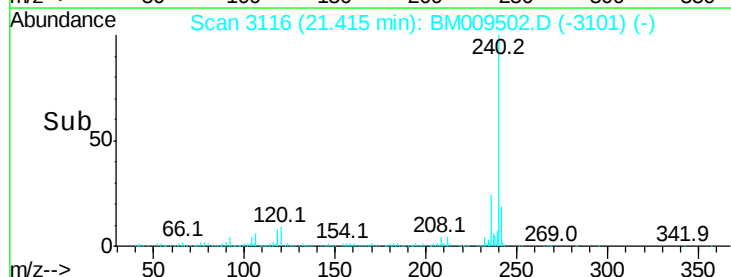
236 23.8 20.0 30.0

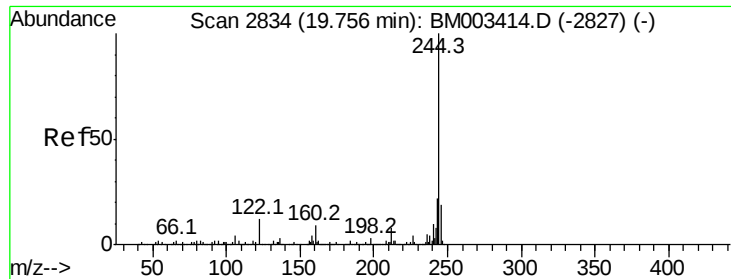


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

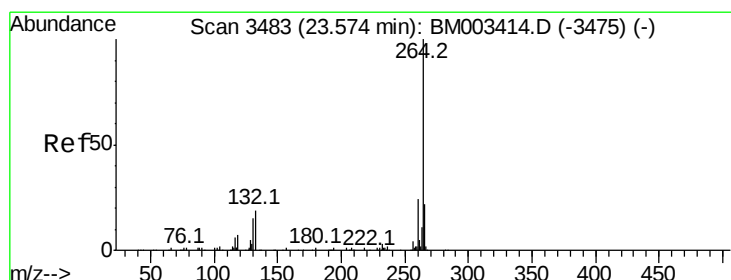
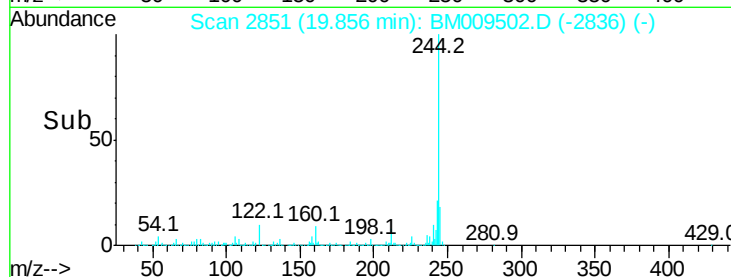
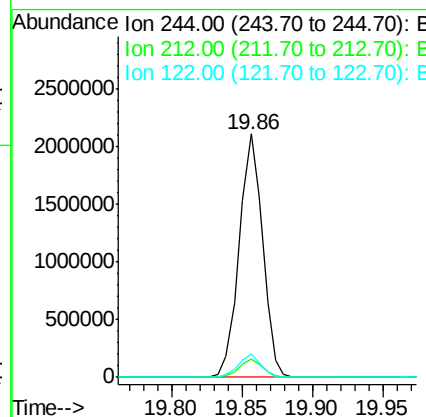
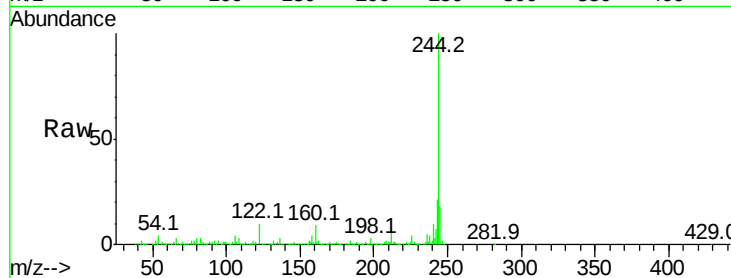




#78
 Terphenyl-d14
 Concen: 70.85 ng
 RT: 19.86 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BM009502.D
 Acq: 03 Apr 2017 16:17

Instrument :
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Tot Ion:244 Resp: 2438419
 Ion Ratio Lower Upper
 244 100
 212 7.6 4.9 7.3#
 122 9.6 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.74 min Scan# 3511
 Delta R.T. -0.02 min
 Lab File: BM009502.D
 Acq: 03 Apr 2017 16:17

Tgt Ion:264 Resp: 691695
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.6 27.8
 265 21.5 17.3 25.9

