

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
 Data File : BM003803.D
 Acq On : 25 Dec 2015 06:53
 Operator : UM/SJ
 Sample : G4952-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-13

Quant Time: Dec 26 03:56:46 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	52620	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	226055	20.00	ng	-0.05
38) Acenaphthene-d10	14.34	164	132033	20.00	ng	-0.04
63) Phenanthrene-d10	17.09	188	222196	20.00	ng	-0.04
75) Chrysene-d12	21.29	240	227662	20.00	ng	-0.04
86) Perylene-d12	23.52	264	224551	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	128609	43.45	ng	-0.03
7) Phenol-d6	6.86	99	111518	27.13	ng	-0.03
23) Nitrobenzene-d5	8.84	82	239048	65.57	ng	-0.04
41) 2,4,6-Tribromophenol	15.83	330	110785	84.02	ng	-0.04
44) 2-Fluorobiphenyl	12.95	172	552227	56.98	ng	-0.04
78) Terphenyl-d14	19.72	244	512767	53.12	ng	-0.04

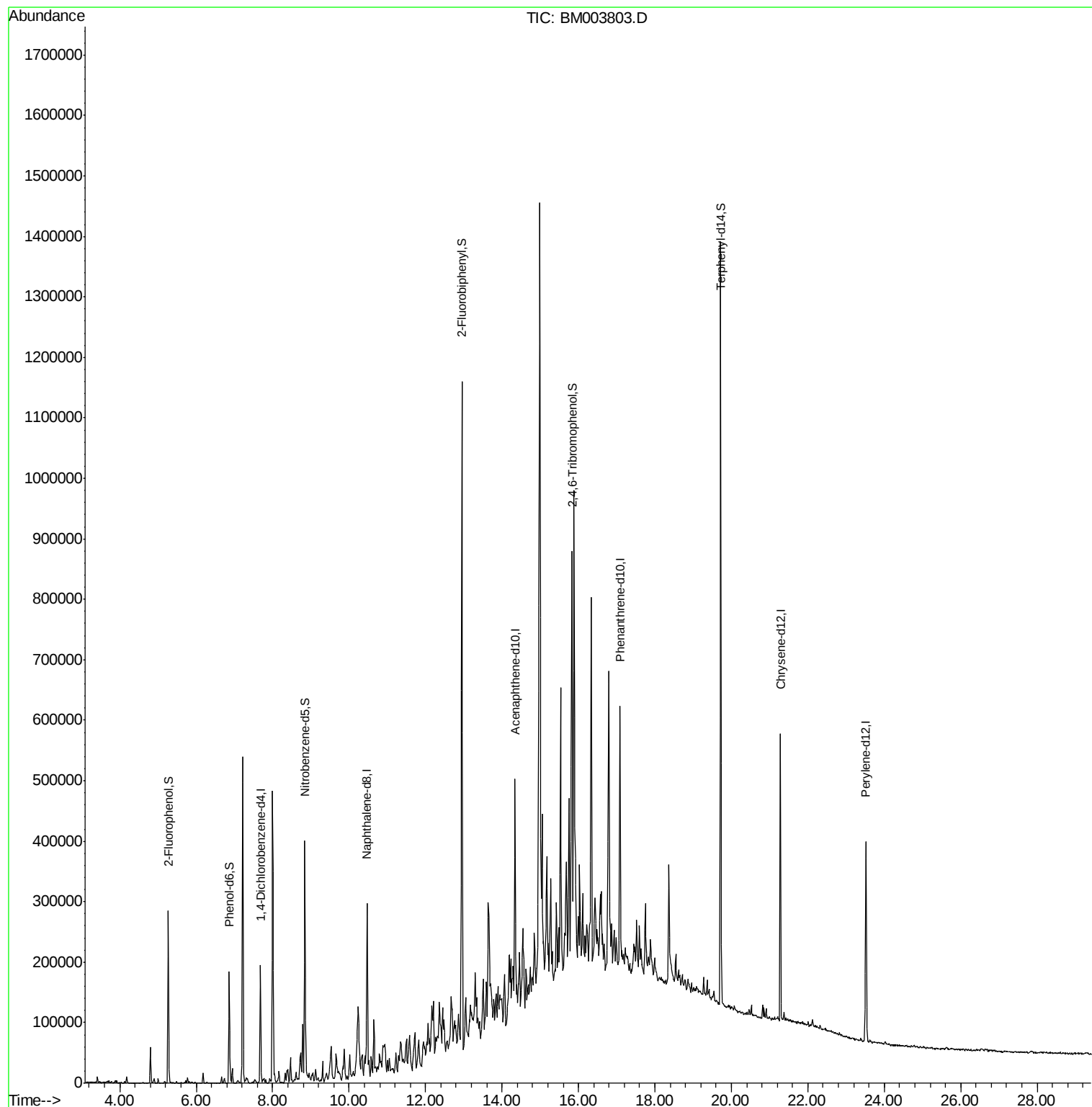
Target Compounds Qvalue

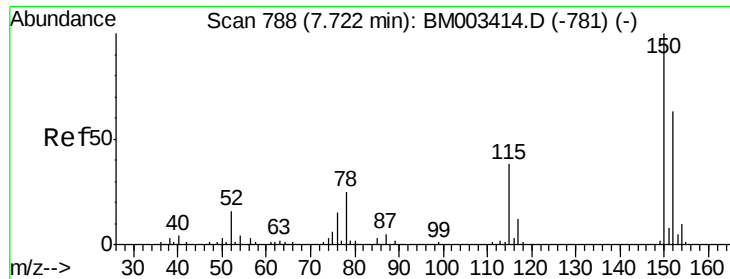
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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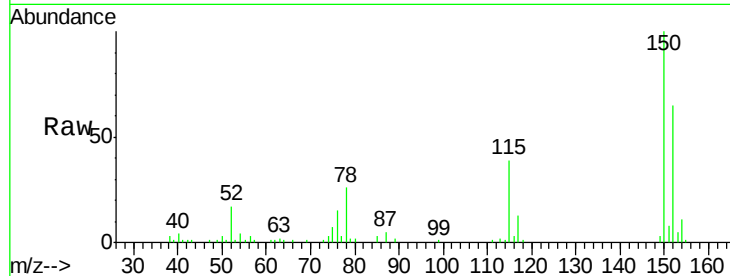




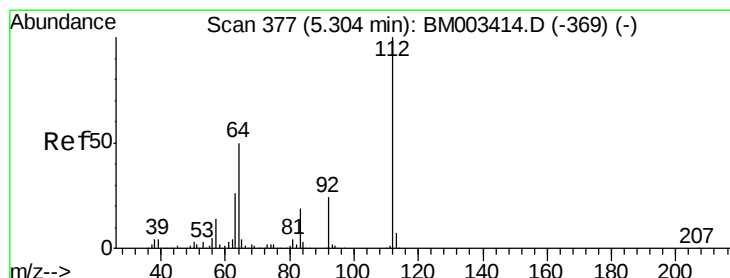
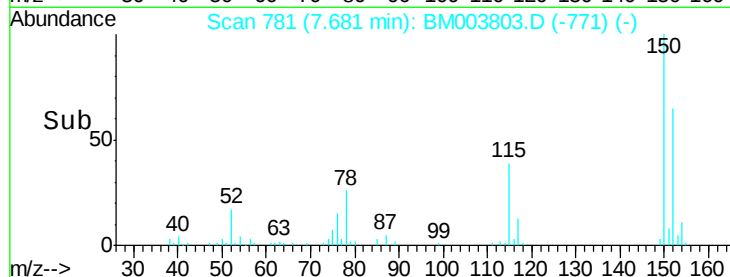
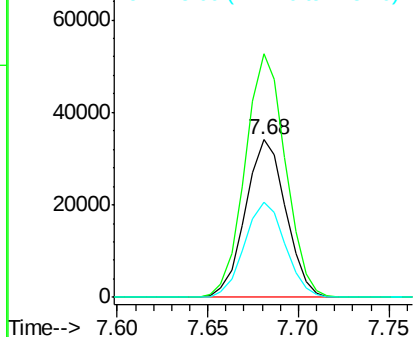
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.68 min Scan# 781
 Delta R.T. -0.04 min
 Lab File: BM003803.D
 Acq: 25 Dec 2015 06:53

Instrument :
 BNA_M
 ClientSampleId :
 MW-13

Tot Ion:152 Resp: 52620
 Ion Ratio Lower Upper
 152 100
 150 154.7 119.5 179.3
 115 60.3 43.0 64.4

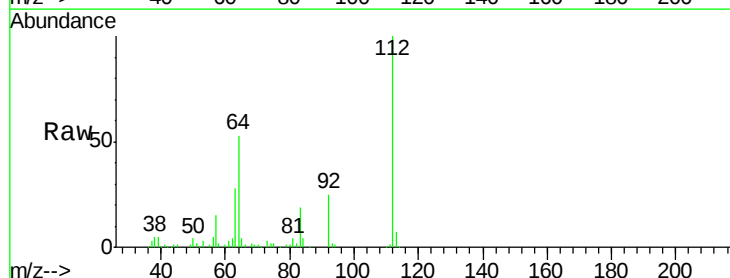


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

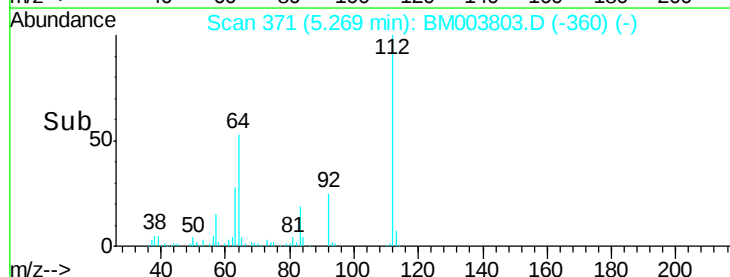
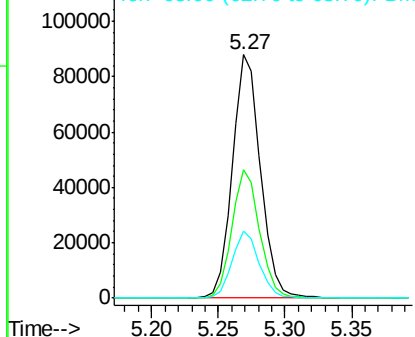


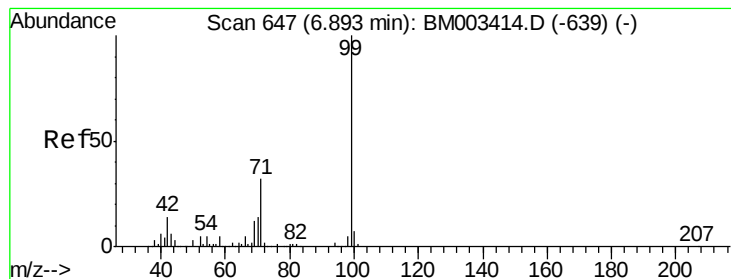
#5
 2-Fluorophenol
 Concen: 43.45 ng
 RT: 5.27 min Scan# 371
 Delta R.T. -0.03 min
 Lab File: BM003803.D
 Acq: 25 Dec 2015 06:53

Tgt Ion:112 Resp: 128609
 Ion Ratio Lower Upper
 112 100
 64 52.6 38.6 57.8
 63 27.5 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: 27.13 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.03 min

Lab File: BM003803.D

Acq: 25 Dec 2015 06:53

Instrument :

BNA_M

ClientSampled :

MW-13

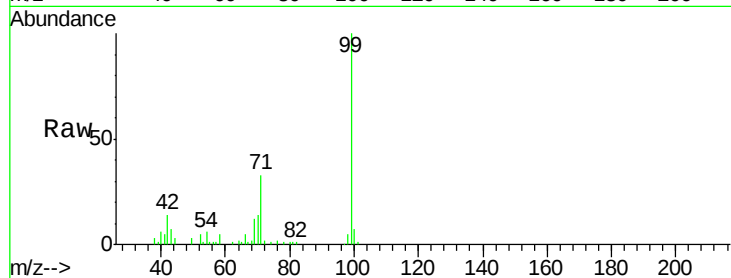
Tot Ion: 99 Resp: 111518

Ion Ratio Lower Upper

99 100

42 14.5 11.0 16.4

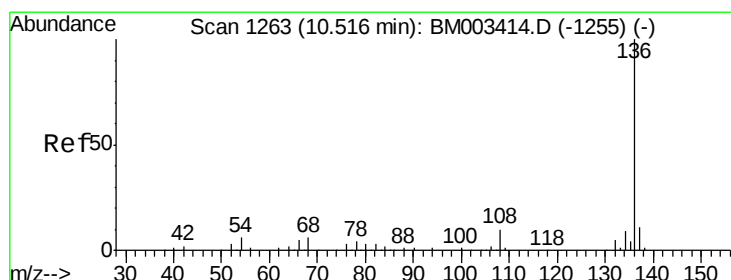
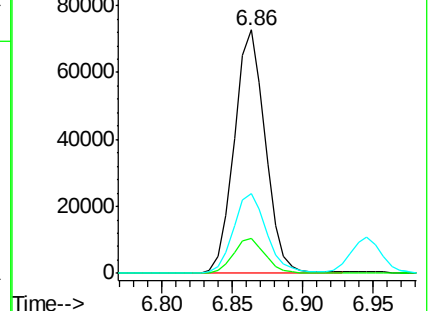
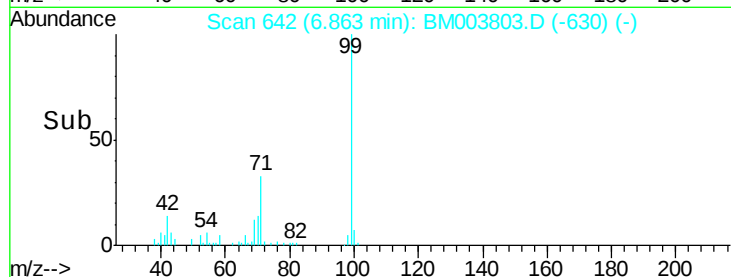
71 32.8 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003414.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003414.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003414.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1255

Delta R.T. -0.05 min

Lab File: BM003803.D

Acq: 25 Dec 2015 06:53

Tgt Ion: 136 Resp: 226055

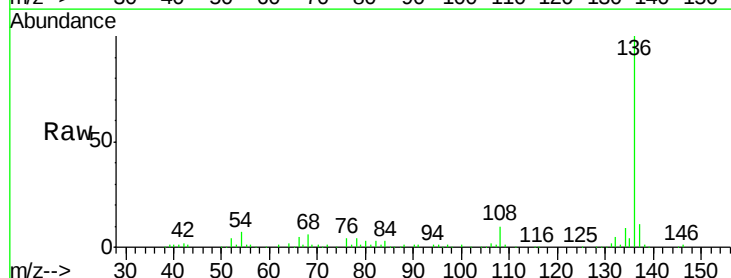
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.6 4.6 6.8

68 6.1 3.7 5.5#

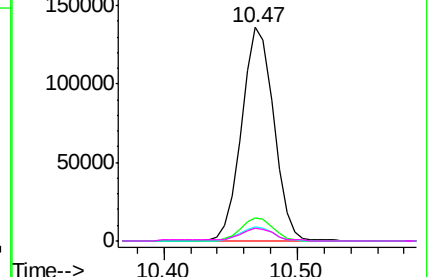
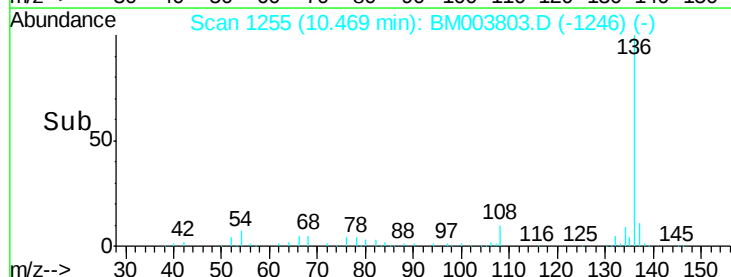


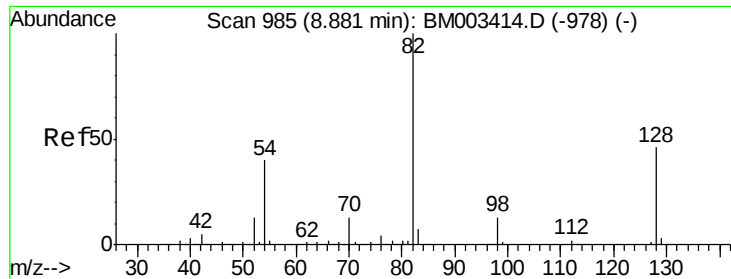
Abundance Ion 136.00 (135.70 to 136.70): BM003414.D (-1255) (-)

Ion 137.00 (136.70 to 137.70): BM003414.D (-1255) (-)

Ion 54.00 (53.70 to 54.70): BM003414.D (-1255) (-)

Ion 68.00 (67.70 to 68.70): BM003414.D (-1255) (-)

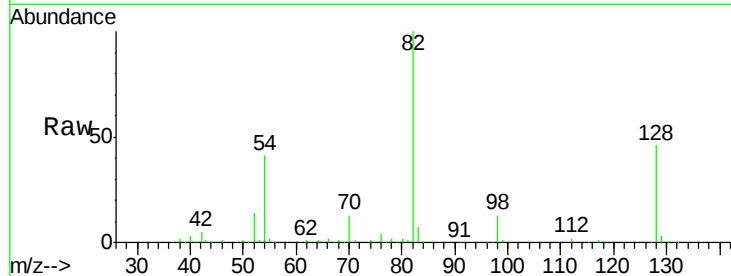




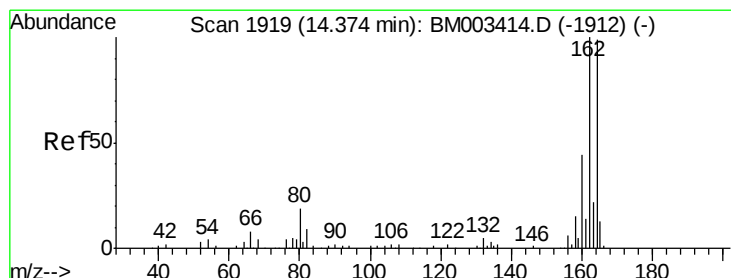
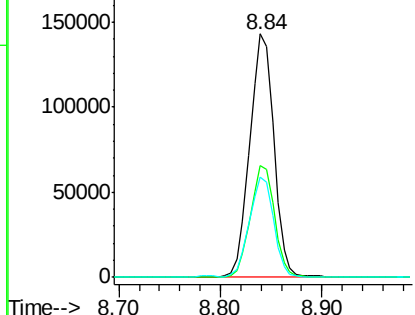
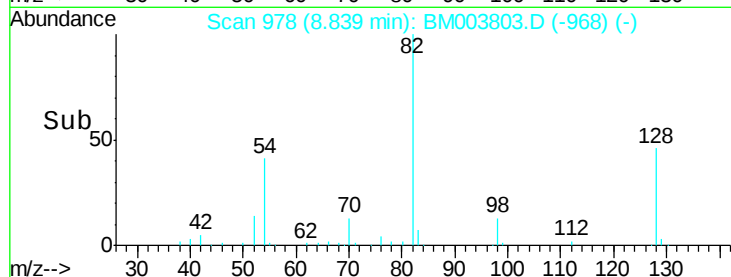
#23
Nitrobenzene-d5
Concen: 65.57 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.04 min
Lab File: BM003803.D
Acq: 25 Dec 2015 06:53

Instrument :
BNA_M
ClientSampled :
MW-13

Tot Ion	82	Resp	239048
Ion Ratio	Lower	Upper	
82	100		
128	45.8	32.8	49.2
54	41.2	40.6	60.8

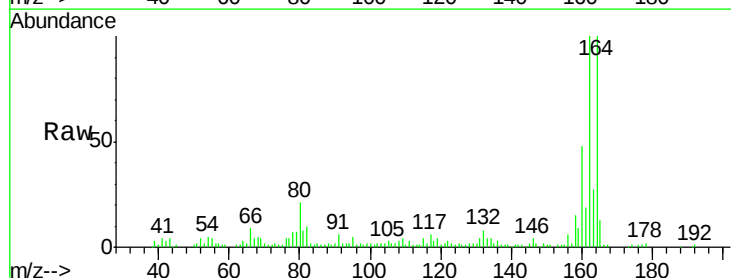


Abundance Ion 82.00 (81.70 to 82.70): BM003803.D (-968) (-)
Ion 128.00 (127.70 to 128.70): BM003803.D (-968) (-)
Ion 54.00 (53.70 to 54.70): BM003803.D (-968) (-)

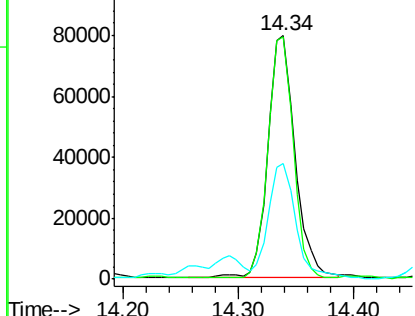
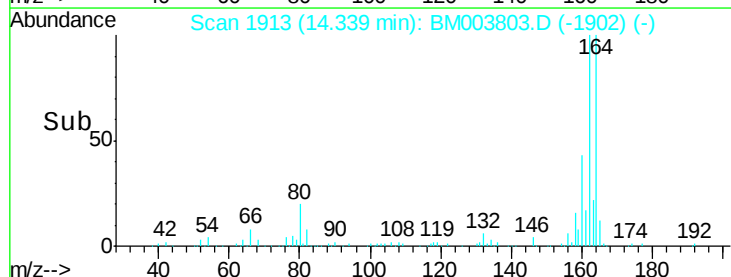


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1913
Delta R.T. -0.04 min
Lab File: BM003803.D
Acq: 25 Dec 2015 06:53

Tgt Ion	164	Resp	132033
Ion Ratio	Lower	Upper	
164	100		
162	99.7	82.4	123.6
160	47.6	35.8	53.6



Abundance Ion 164.00 (163.70 to 164.70): BM003803.D (-1902) (-)
Ion 162.00 (161.70 to 162.70): BM003803.D (-1902) (-)
Ion 160.00 (159.70 to 160.70): BM003803.D (-1902) (-)

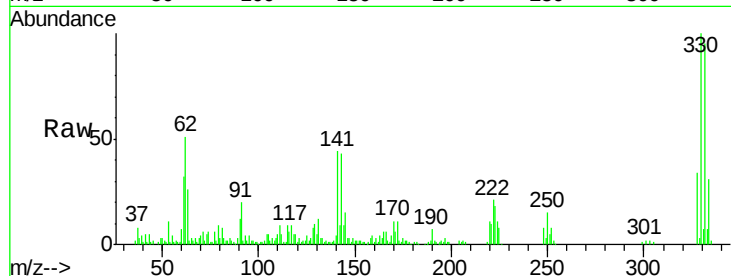




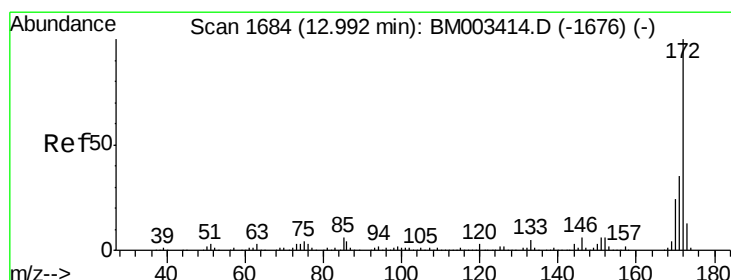
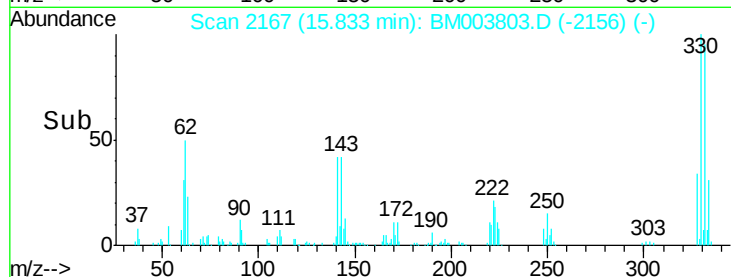
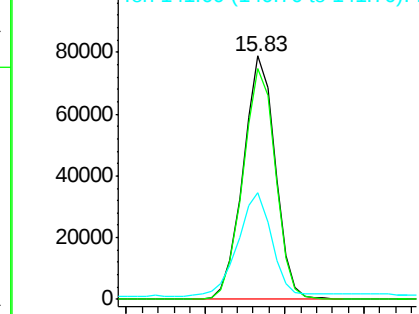
#41
 2,4,6-Tribromophenol
 Concen: 84.02 ng
 RT: 15.83 min Scan# 2167
 Delta R.T. -0.04 min
 Lab File: BM003803.D
 Acq: 25 Dec 2015 06:53

Instrument :
 BNA_M
 ClientSampled :
 MW-13

Tot Ion:330 Resp: 110785
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 44.6 0.0 0.0#

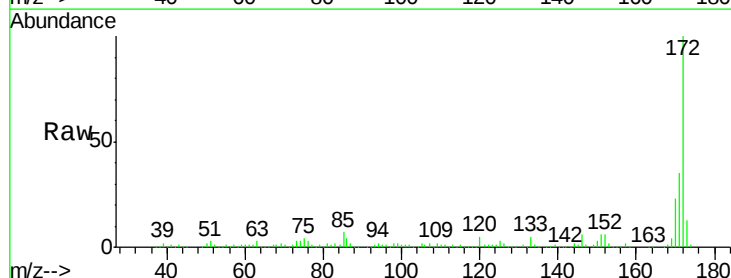


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

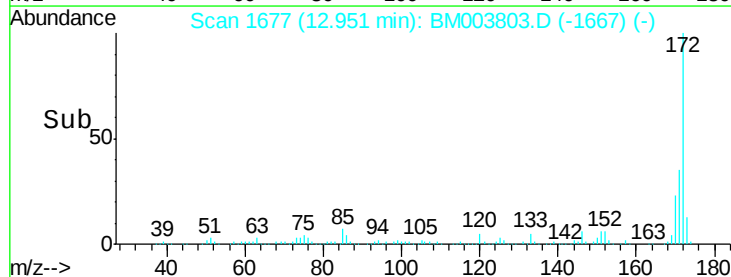
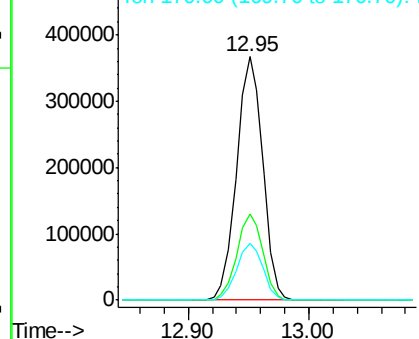


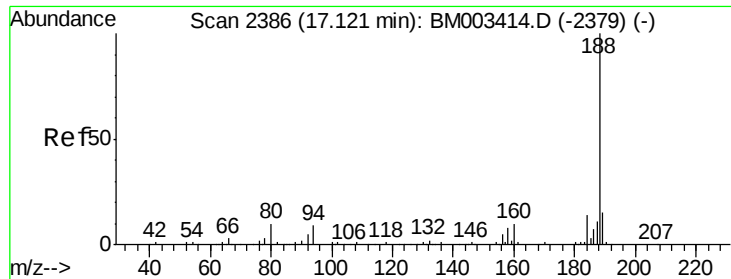
#44
 2-Fluorobiphenyl
 Concen: 56.98 ng
 RT: 12.95 min Scan# 1677
 Delta R.T. -0.04 min
 Lab File: BM003803.D
 Acq: 25 Dec 2015 06:53

Tgt Ion:172 Resp: 552227
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 23.4 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: 17.09 min Scan# 2380

Delta R.T. -0.04 min

Lab File: BM003803.D

Acq: 25 Dec 2015 06:53

Instrument :

BNA_M

ClientSampleId :

MW-13

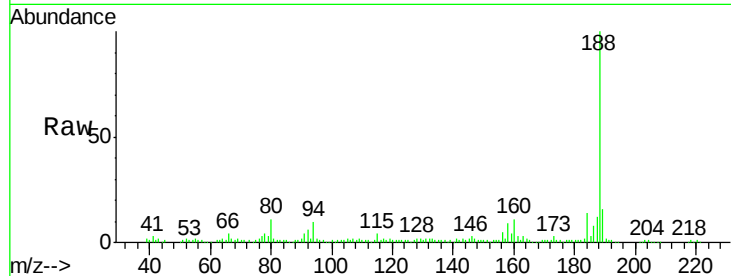
Tot Ion:188 Resp: 222196

Ion Ratio Lower Upper

188 100

94 10.1 8.7 13.1

80 10.6 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

17.09

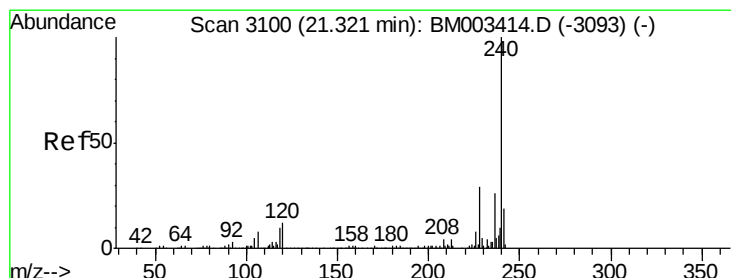
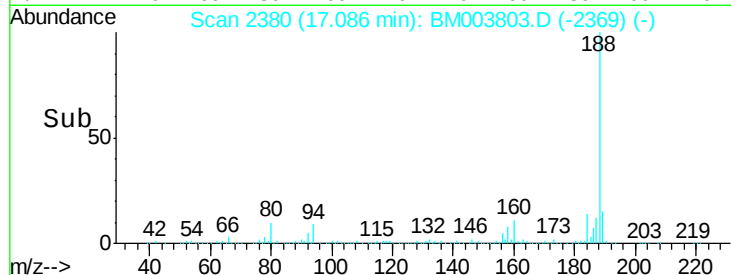
150000

100000

50000

0

Time--> 17.00 17.05 17.10 17.15



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.29 min Scan# 3094

Delta R.T. -0.04 min

Lab File: BM003803.D

Acq: 25 Dec 2015 06:53

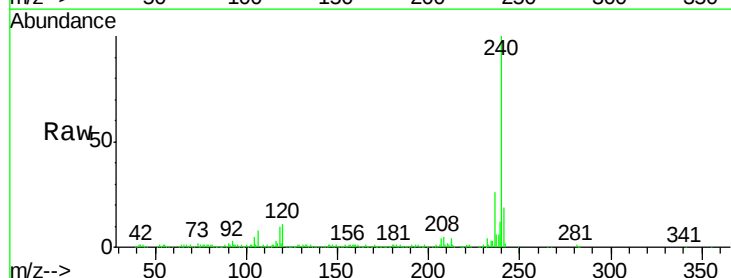
Tgt Ion:240 Resp: 227662

Ion Ratio Lower Upper

240 100

120 10.8 8.2 12.2

236 26.0 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

21.29

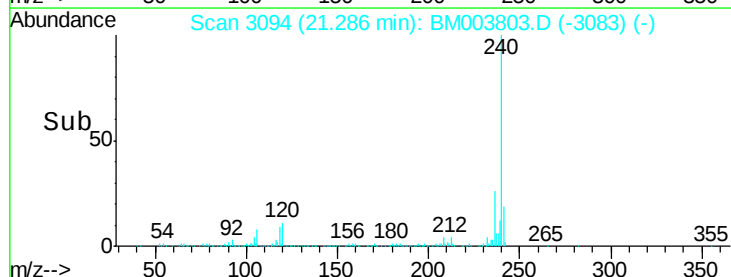
150000

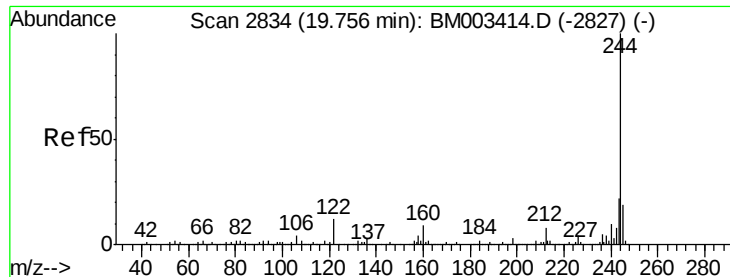
100000

50000

0

Time--> 21.20 21.25 21.30 21.35





#78

Terphenyl-d14

Concen: 53.12 ng

RT: 19.72 min Scan# 2828

Delta R.T. -0.04 min

Lab File: BM003803.D

Acq: 25 Dec 2015 06:53

Instrument :

BNA_M

ClientSampled :

MW-13

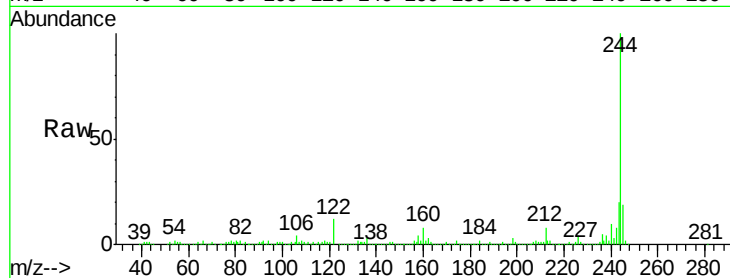
Tot Ion:244 Resp: 512767

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

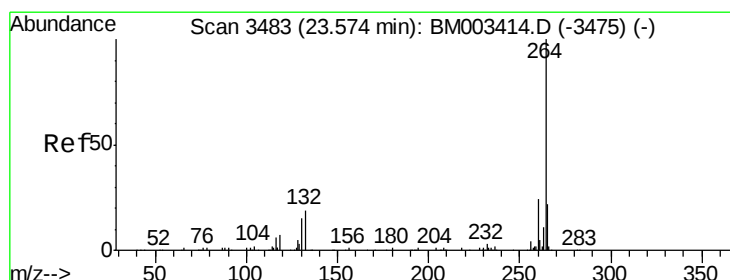
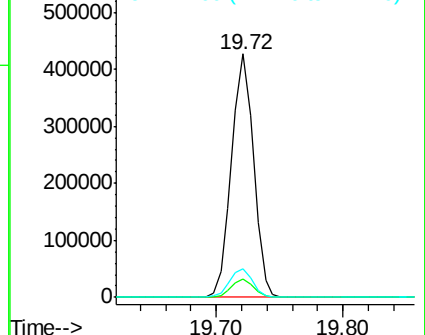
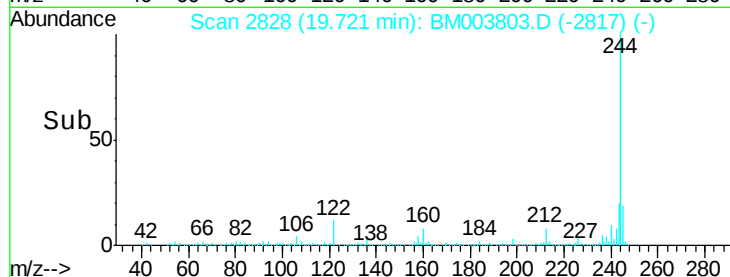
122 11.8 6.2 9.4#



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: 23.52 min Scan# 3474

Delta R.T. -0.05 min

Lab File: BM003803.D

Acq: 25 Dec 2015 06:53

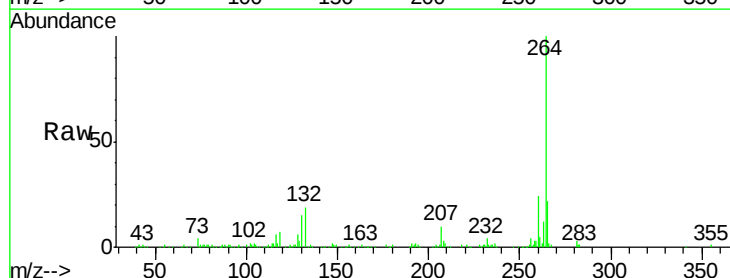
Tgt Ion:264 Resp: 224551

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 21.6 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

