

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052517\
 Data File : BM010216.D
 Acq On : 25 May 2017 14:32
 Operator : SJ/MA
 Sample : PB99246TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB99246TB

Quant Time: May 26 05:45:49 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	133164	20.00	ng	-0.03
21) Naphthalene-d8	10.75	136	443989	20.00	ng	-0.04
38) Acenaphthene-d10	14.58	164	274587	20.00	ng	-0.03
63) Phenanthrene-d10	17.32	188	609816	20.00	ng	-0.03
75) Chrysene-d12	21.48	240	750719	20.00	ng	-0.03
86) Perylene-d12	23.84	264	912167	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1084621	147.09	ng	-0.03
7) Phenol-d6	7.13	99	1283685	135.29	ng	-0.04
23) Nitrobenzene-d5	9.13	82	863973	104.99	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	540166	129.52	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	2185911	102.34	ng	-0.04
78) Terphenyl-d14	19.93	244	2809544	85.10	ng	-0.02

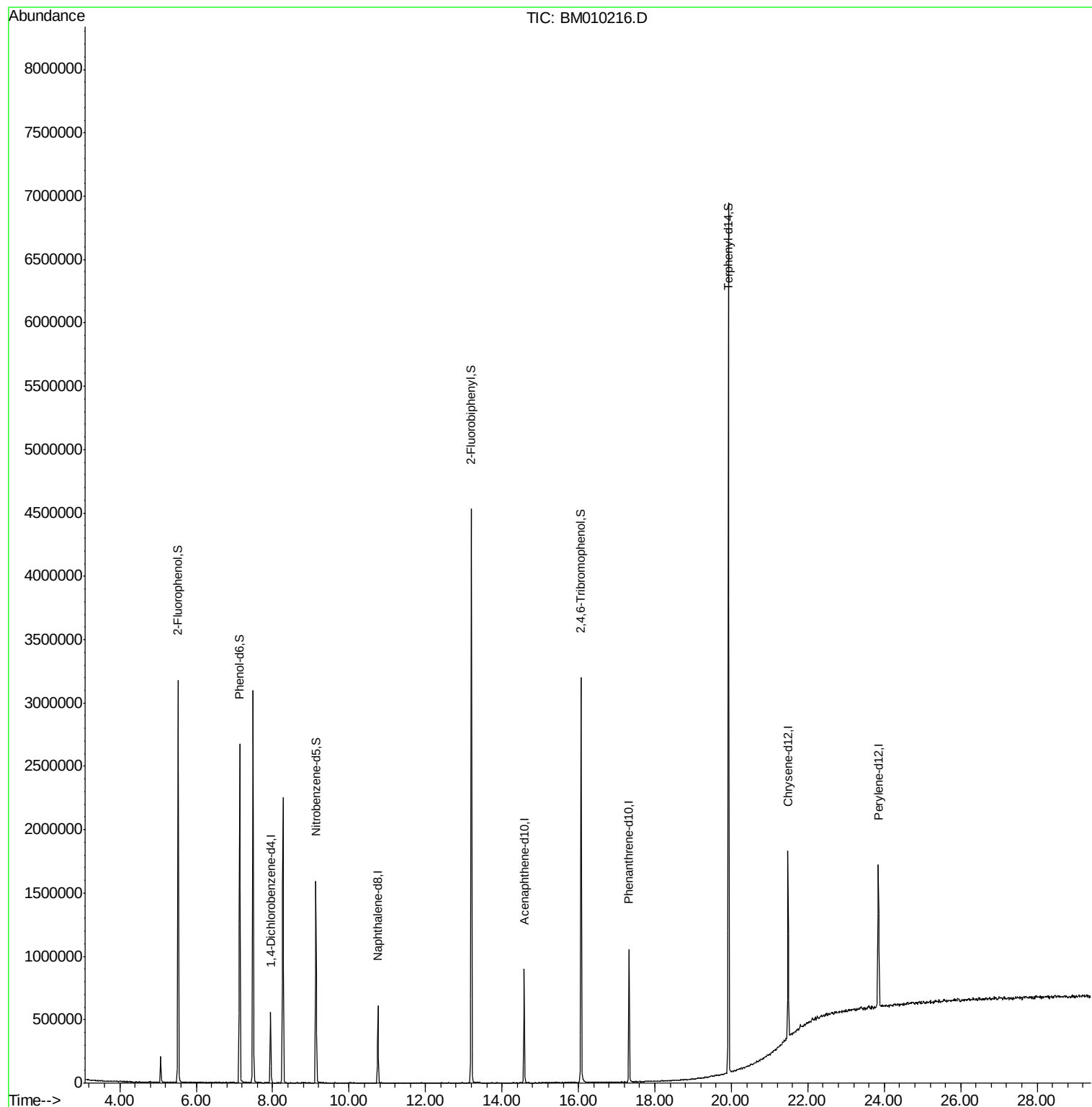
Target Compounds	Qvalue
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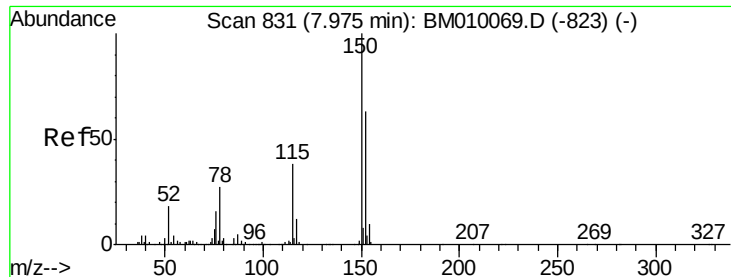
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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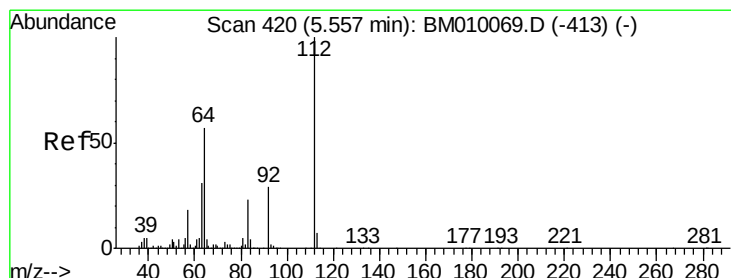
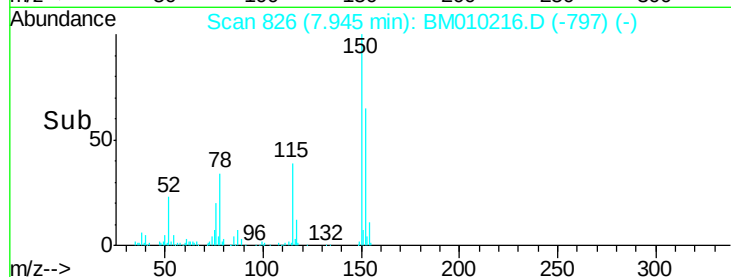
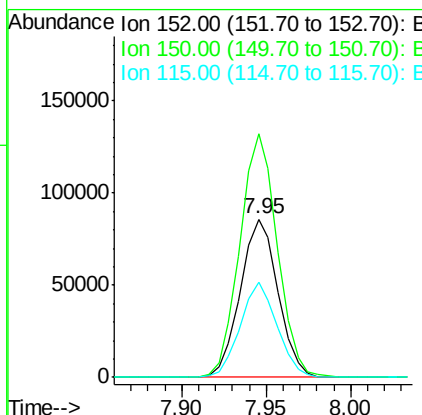
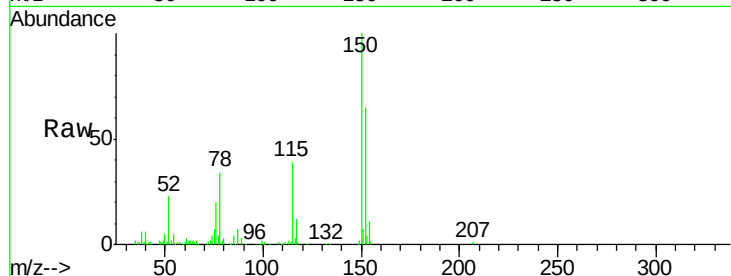


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 826
Delta R.T. -0.03 min
Lab File: BM010216.D
Acq: 25 May 2017 14:32

Instrument :
BNA_M
ClientSampleId :
PB99246TB

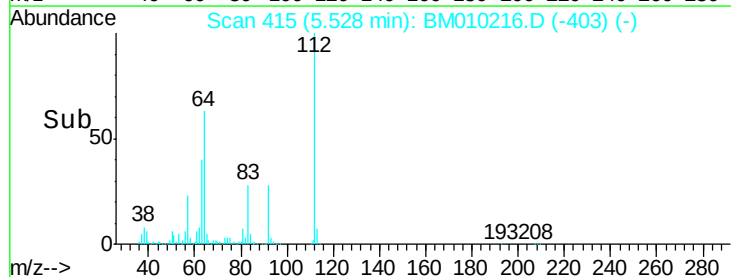
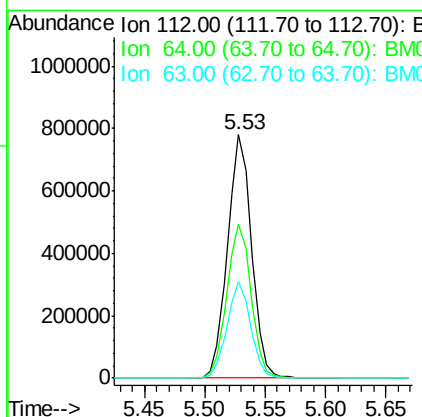
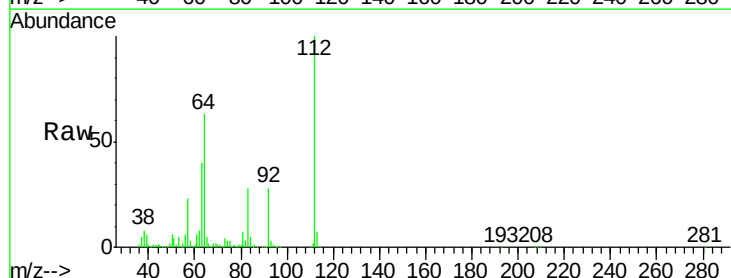
Tgt Ion:152 Resp: 133164
Ion Ratio Lower Upper
152 100
150 153.8 119.5 179.3
115 60.5 43.0 64.4

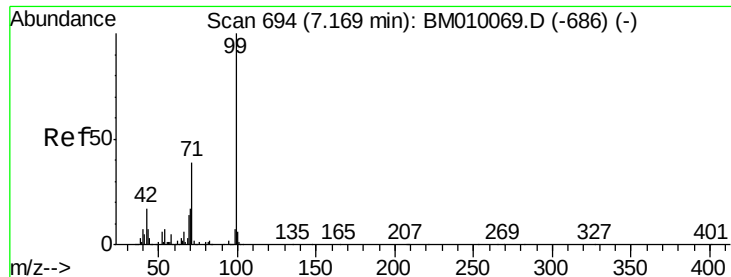


#5

2-Fluorophenol
Concen: 147.09 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.03 min
Lab File: BM010216.D
Acq: 25 May 2017 14:32

Tgt Ion:112 Resp: 1084621
Ion Ratio Lower Upper
112 100
64 63.2 38.6 57.8#
63 39.5 19.3 28.9#





#7

Phenol-d6

Concen: 135.29 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.04 min

Lab File: BM010216.D

Acq: 25 May 2017 14:32

Instrument :

BNA_M

ClientSampleId :

PB99246TB

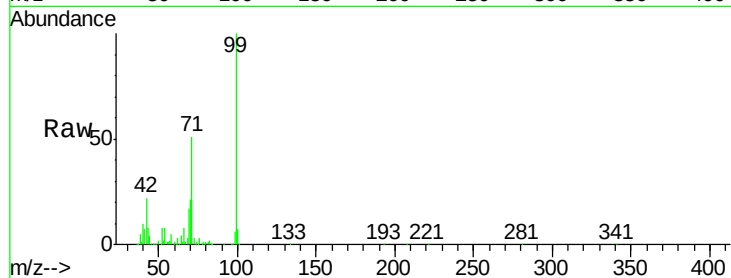
Tgt Ion: 99 Resp: 1283685

Ion Ratio Lower Upper

99 100

42 22.2 11.0 16.4#

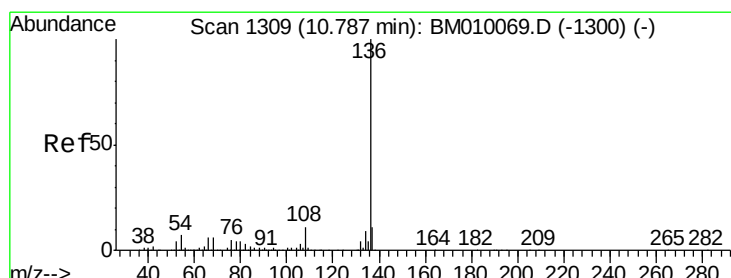
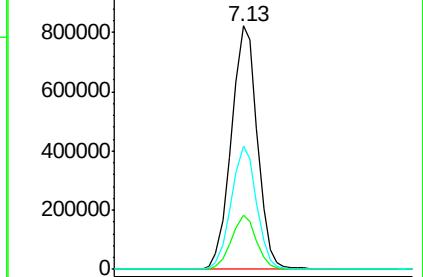
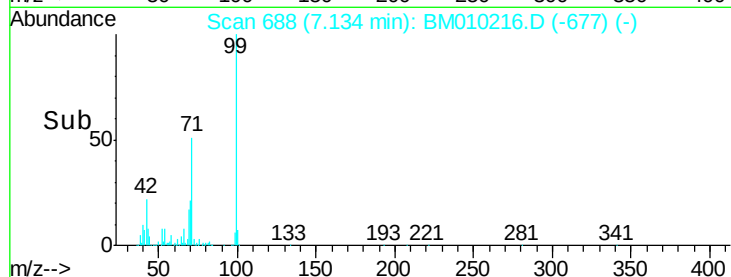
71 50.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010216.D (-677) (-)

Ion 42.00 (41.70 to 42.70): BM010216.D (-677) (-)

Ion 71.00 (70.70 to 71.70): BM010216.D (-677) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.75 min Scan# 1303

Delta R.T. -0.04 min

Lab File: BM010216.D

Acq: 25 May 2017 14:32

Tgt Ion: 136 Resp: 443989

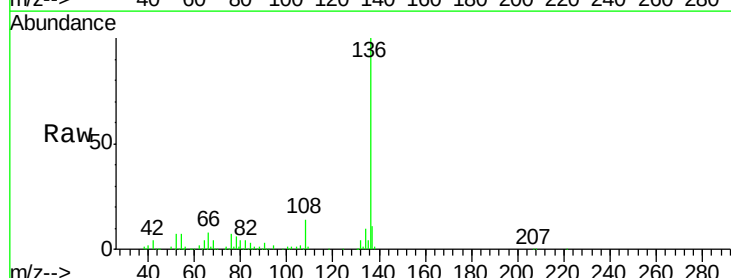
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 7.0 4.6 6.8#

68 4.0 3.7 5.5

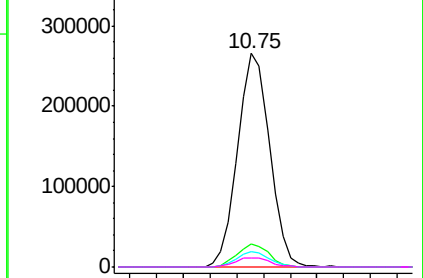
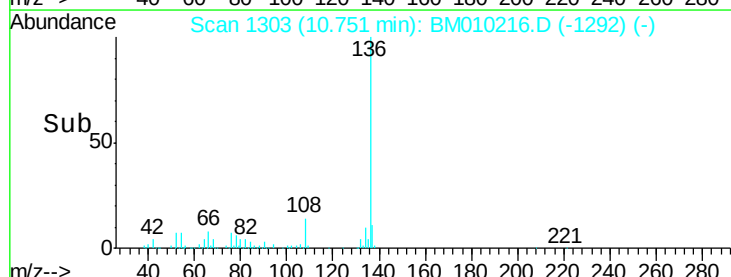


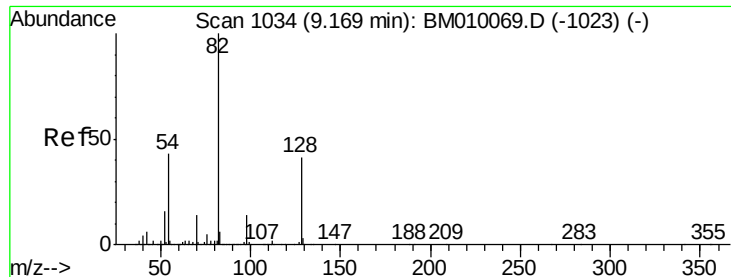
Abundance Ion 136.00 (135.70 to 136.70): BM010216.D (-1292) (-)

Ion 137.00 (136.70 to 137.70): BM010216.D (-1292) (-)

Ion 54.00 (53.70 to 54.70): BM010216.D (-1292) (-)

Ion 68.00 (67.70 to 68.70): BM010216.D (-1292) (-)

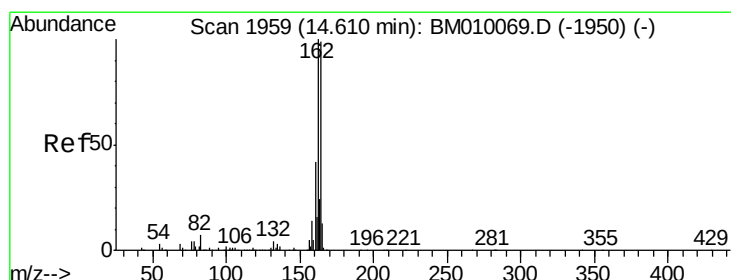
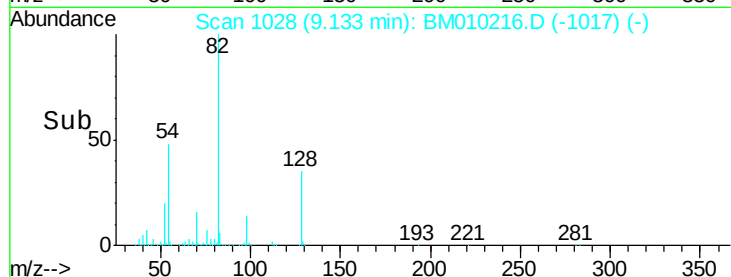
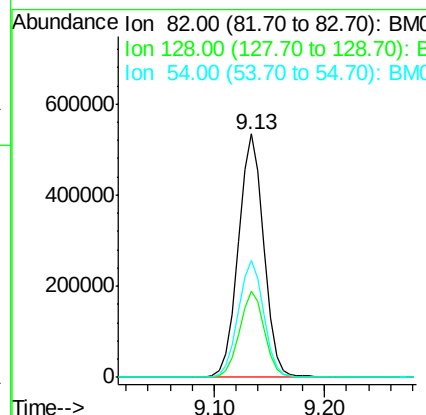
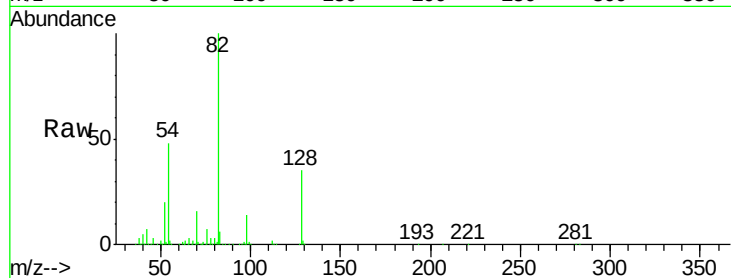




#23
 Nitrobenzene-d5
 Concen: 104.99 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BM010216.D
 Acq: 25 May 2017 14:32

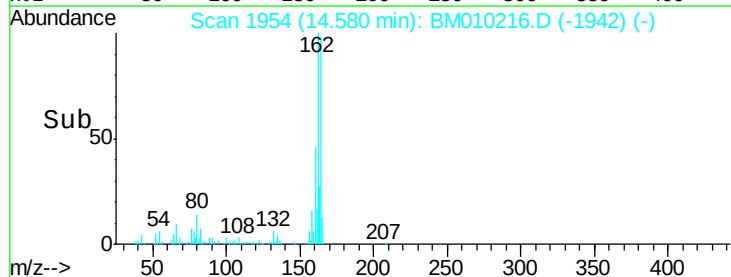
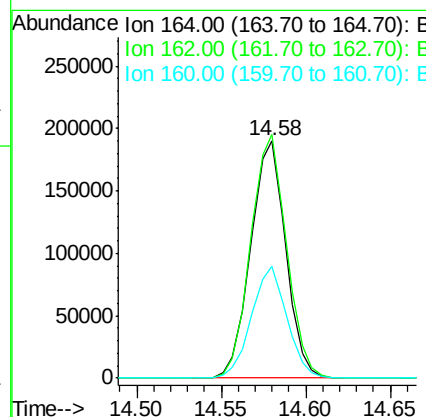
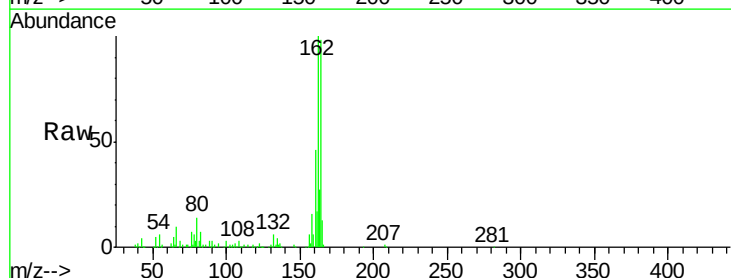
Instrument :
 BNA_M
 ClientSampleId :
 PB99246TB

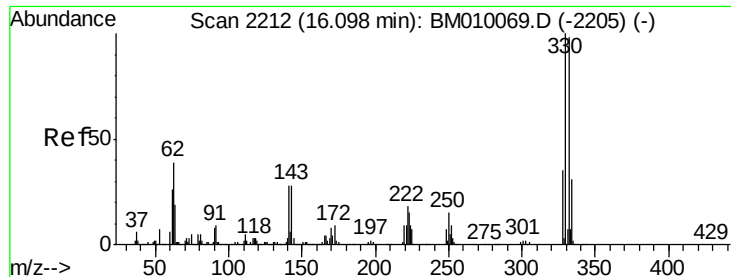
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.4	32.8	49.2
54	48.2	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.58 min Scan# 1954
 Delta R.T. -0.03 min
 Lab File: BM010216.D
 Acq: 25 May 2017 14:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.4	123.6
160	46.9	35.8	53.6

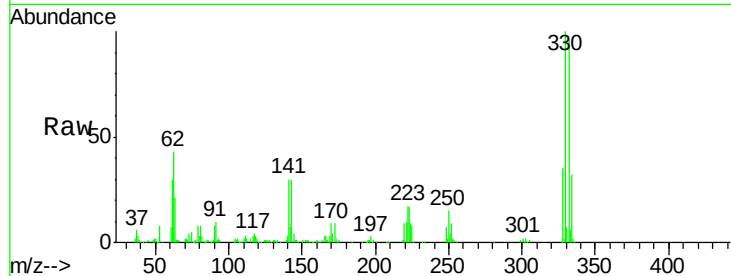




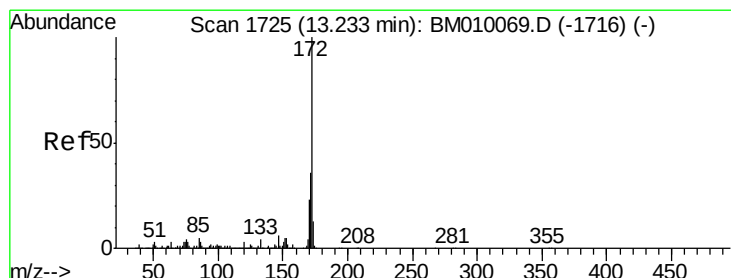
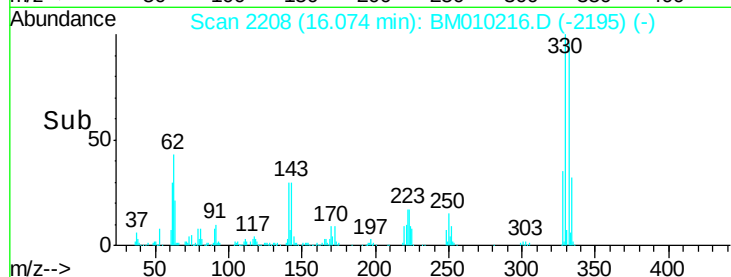
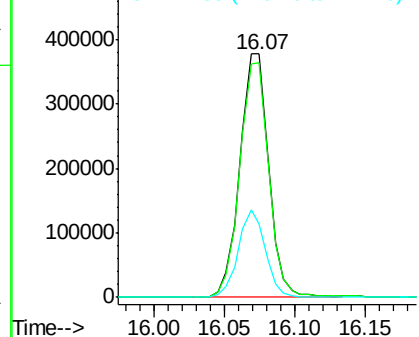
#41
 2,4,6-Tribromophenol
 Concen: 129.52 ng
 RT: 16.07 min Scan# 2208
 Delta R.T. -0.02 min
 Lab File: BM010216.D
 Acq: 25 May 2017 14:32

Instrument :
 BNA_M
 ClientSampleId :
 PB99246TB

Tgt Ion:330 Resp: 540166
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 33.9 0.0 0.0#

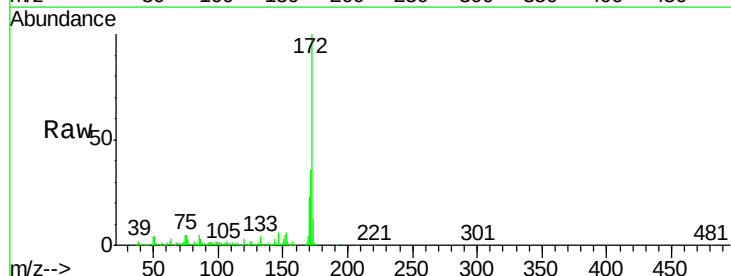


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

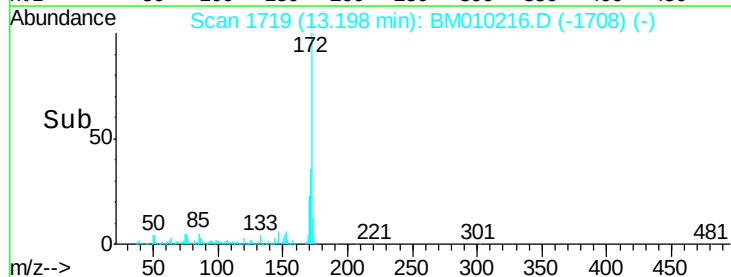
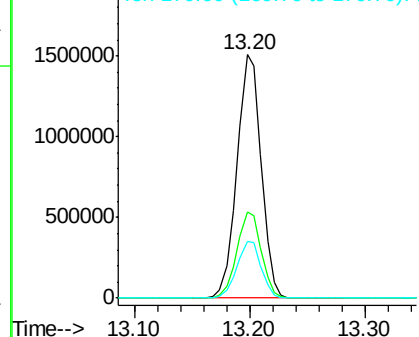


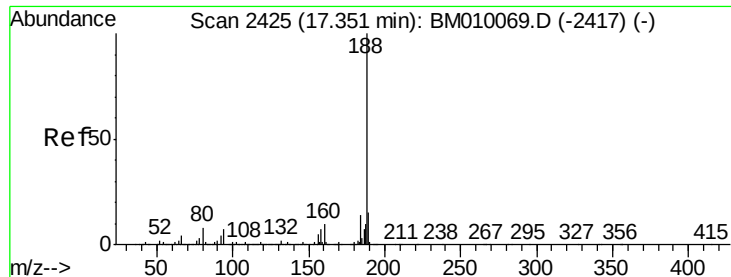
#44
 2-Fluorobiphenyl
 Concen: 102.34 ng
 RT: 13.20 min Scan# 1719
 Delta R.T. -0.04 min
 Lab File: BM010216.D
 Acq: 25 May 2017 14:32

Tgt Ion:172 Resp: 2185911
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 23.3 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: 17.32 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BM010216.D

Acq: 25 May 2017 14:32

Instrument :

BNA_M

ClientSampled :

PB99246TB

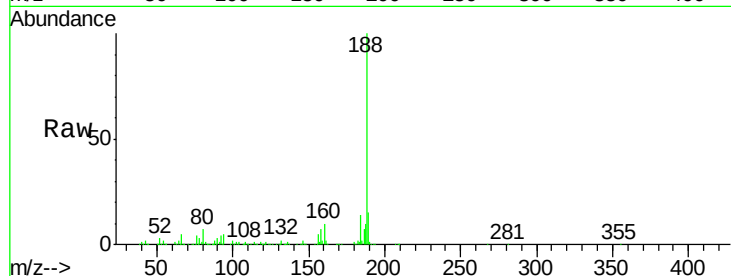
Tgt Ion:188 Resp: 609816

Ion Ratio Lower Upper

188 100

94 5.2 8.7 13.1#

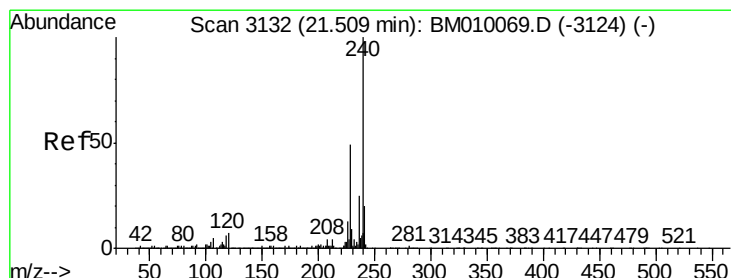
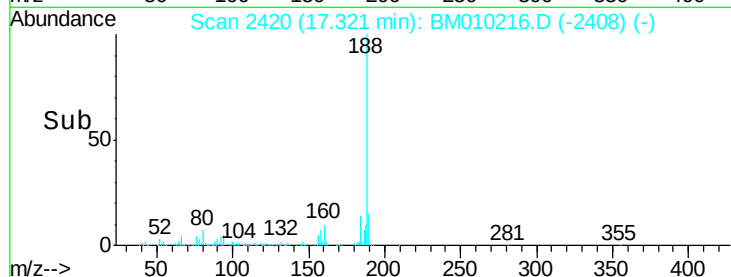
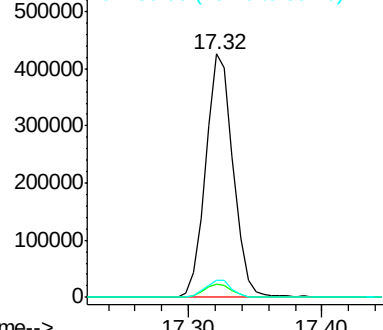
80 7.1 9.3 13.9#



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: 20.00 ng

RT: 21.48 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BM010216.D

Acq: 25 May 2017 14:32

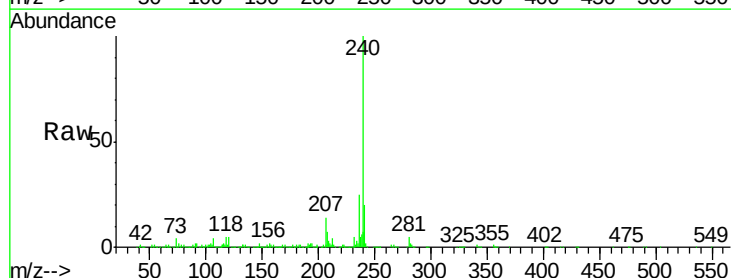
Tgt Ion:240 Resp: 750719

Ion Ratio Lower Upper

240 100

120 5.0 8.2 12.2#

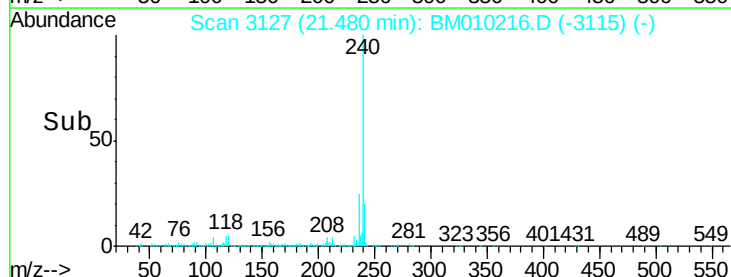
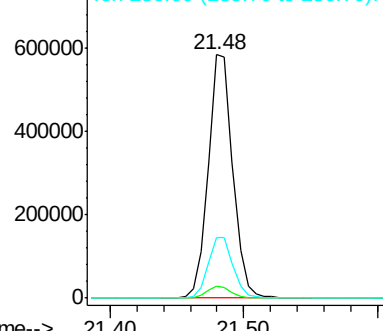
236 25.0 20.0 30.0

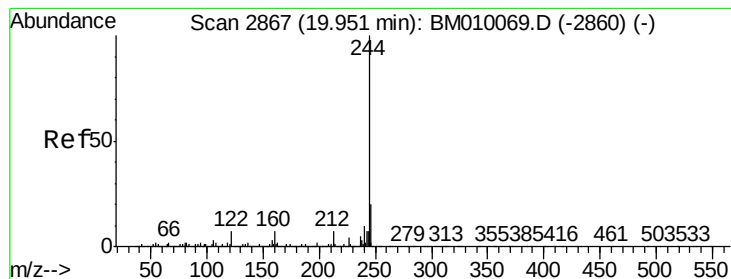


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.10 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM010216.D

Acq: 25 May 2017 14:32

Instrument :

BNA_M

ClientSampleId :

PB99246TB

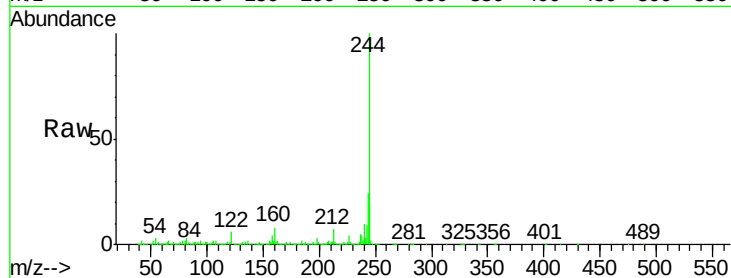
Tgt Ion:244 Resp: 2809544

Ion Ratio Lower Upper

244 100

212 7.2 4.9 7.3

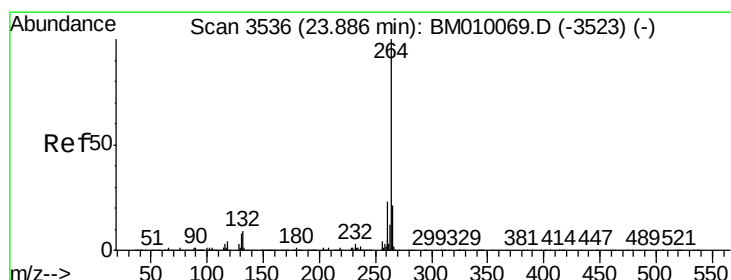
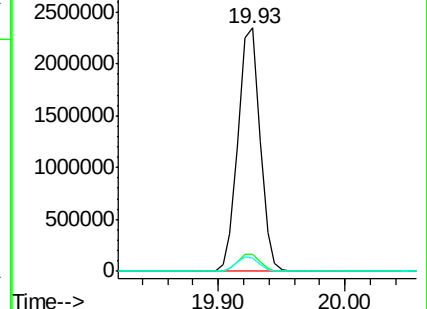
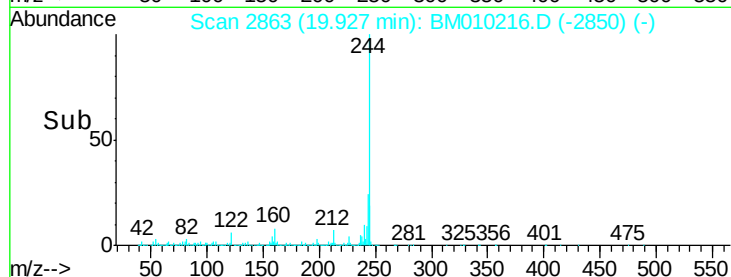
122 5.6 6.2 9.4#



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: 23.84 min Scan# 3529

Delta R.T. -0.04 min

Lab File: BM010216.D

Acq: 25 May 2017 14:32

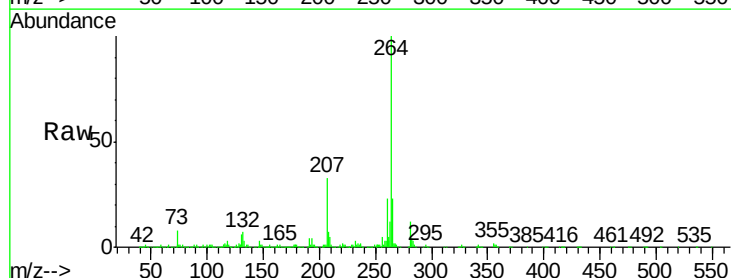
Tgt Ion:264 Resp: 912167

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 22.8 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

