

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010175.D
 Acq On : 24 May 2017 11:51
 Operator : SJ/MA
 Sample : PB99209BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB99209BL

Quant Time: May 25 06:30:04 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	125841	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	416883	20.00	ng	-0.03
38) Acenaphthene-d10	14.59	164	264750	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	662023	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1040506	20.00	ng	-0.02
86) Perylene-d12	23.85	264	1182880	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	482266	69.21	ng	-0.02
7) Phenol-d6	7.14	99	600175	66.93	ng	-0.03
23) Nitrobenzene-d5	9.14	82	587258	76.00	ng	-0.03
41) 2,4,6-Tribromophenol	16.07	330	261353	65.00	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	1499270	72.80	ng	-0.03
78) Terphenyl-d14	19.93	244	2810857	61.43	ng	-0.02

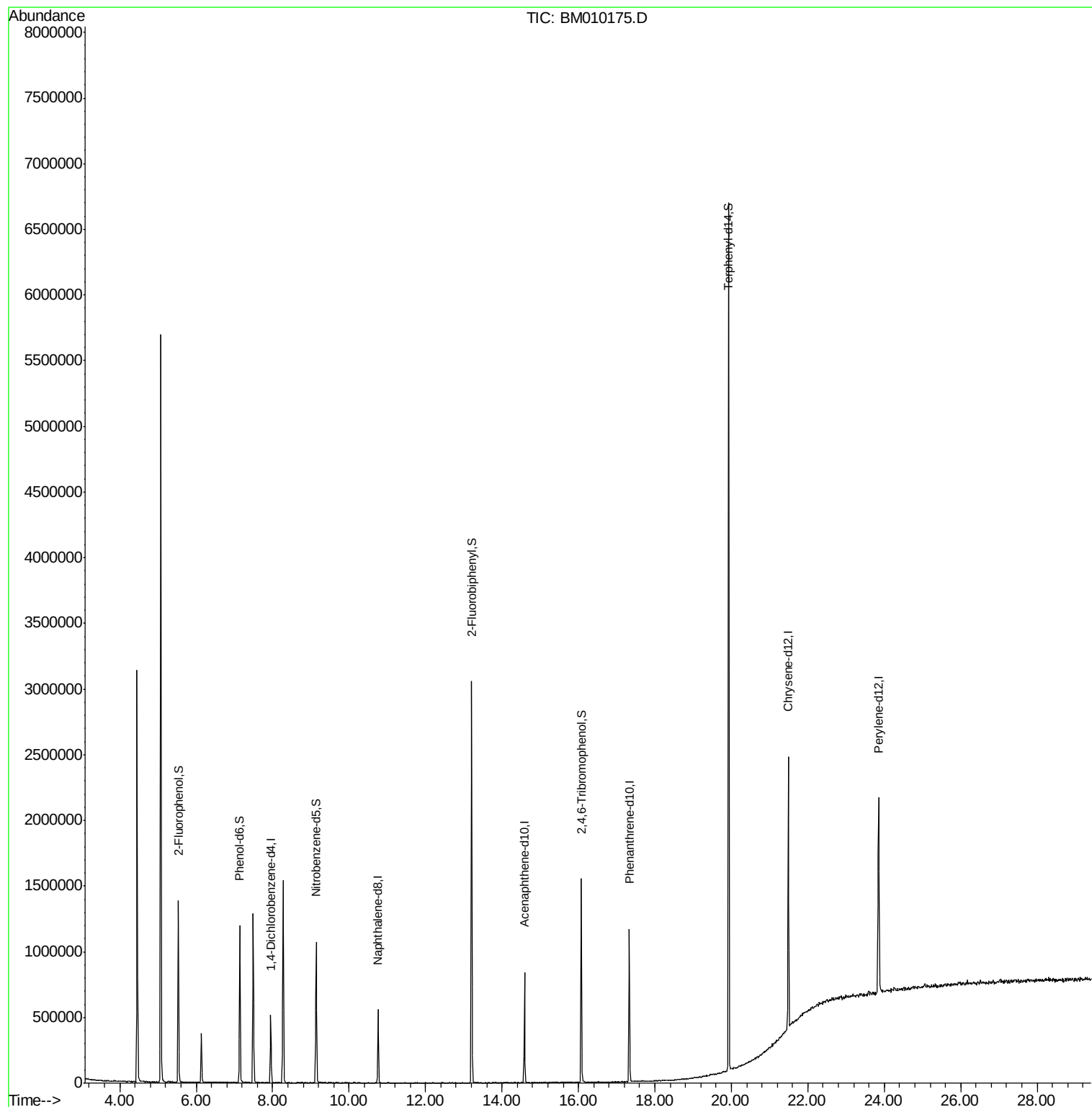
Target Compounds Qvalue

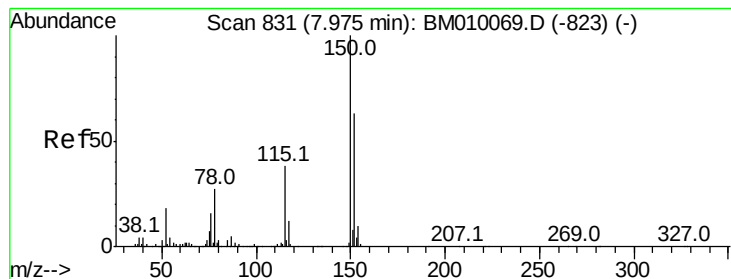
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.02 min

Lab File: BM010175.D

Acq: 24 May 2017 11:51

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PB99209BL

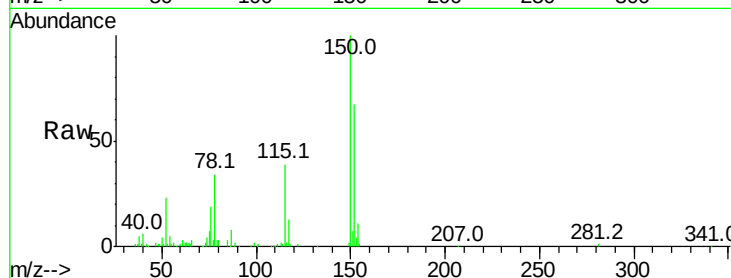
Tot Ion:152 Resp: 125841

Ion Ratio Lower Upper

152 100

150 149.5 119.5 179.3

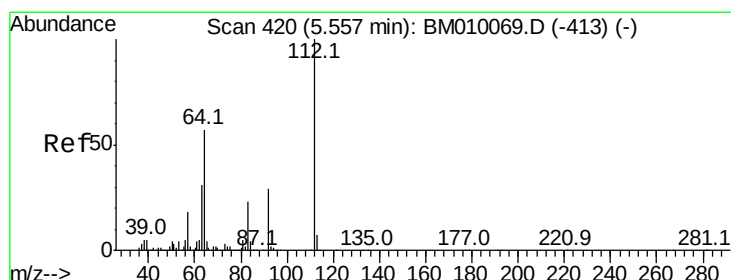
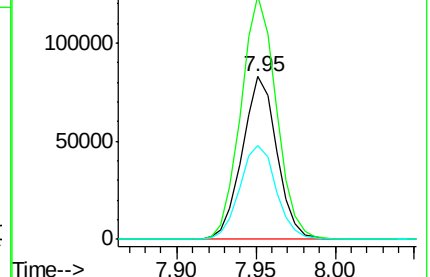
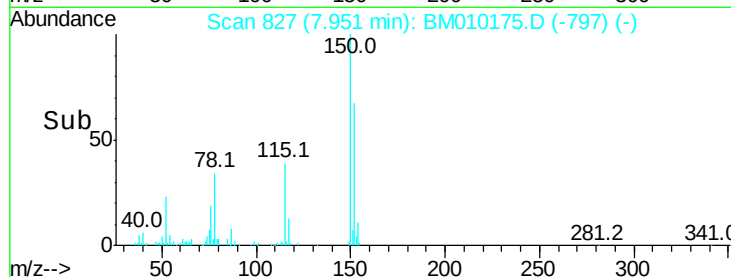
115 58.0 43.0 64.4



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: 69.21 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.02 min

Lab File: BM010175.D

Acq: 24 May 2017 11:51

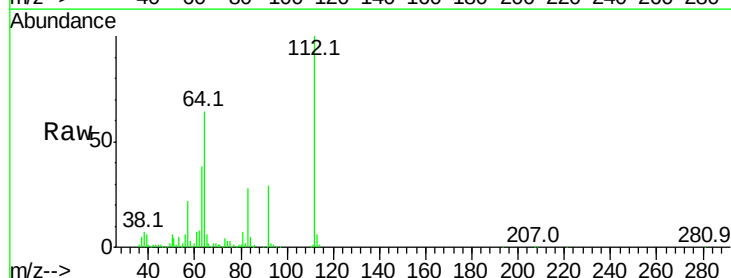
Tgt Ion:112 Resp: 482266

Ion Ratio Lower Upper

112 100

64 64.3 38.6 57.8#

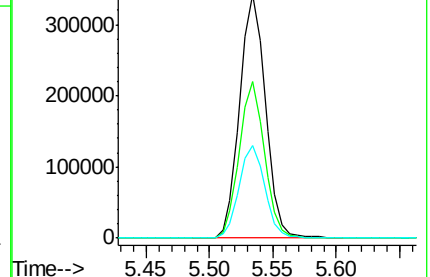
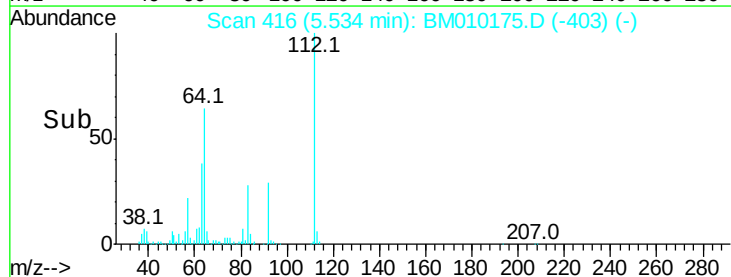
63 38.0 19.3 28.9#

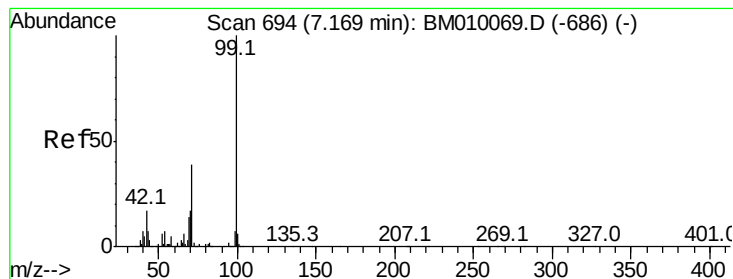


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 66.93 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010175.D

Acq: 24 May 2017 11:51

Instrument :

BNA_M

ClientSampleId :

PB99209BL

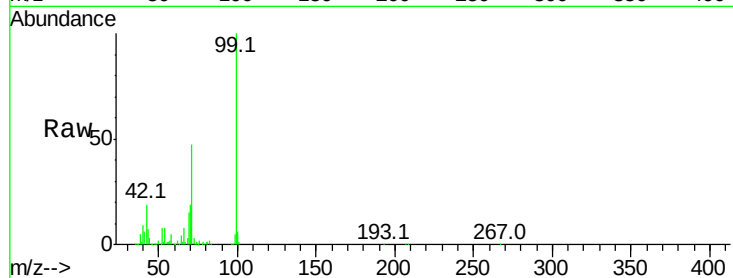
Tot Ion: 99 Resp: 600175

Ion Ratio Lower Upper

99 100

42 19.5 11.0 16.4#

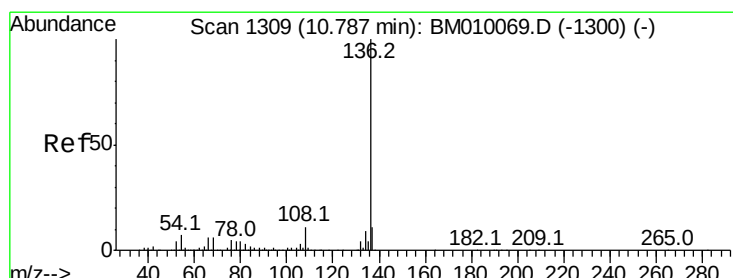
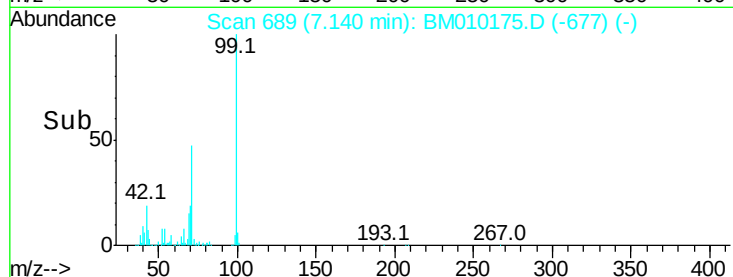
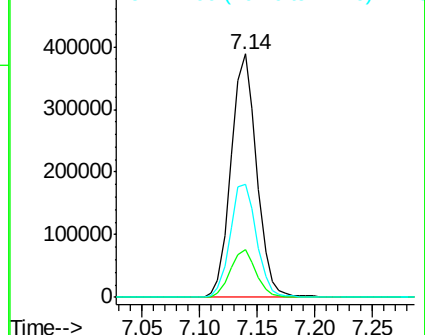
71 46.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010069.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010069.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010069.D (-686) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1304

Delta R.T. -0.03 min

Lab File: BM010175.D

Acq: 24 May 2017 11:51

Tgt Ion: 136 Resp: 416883

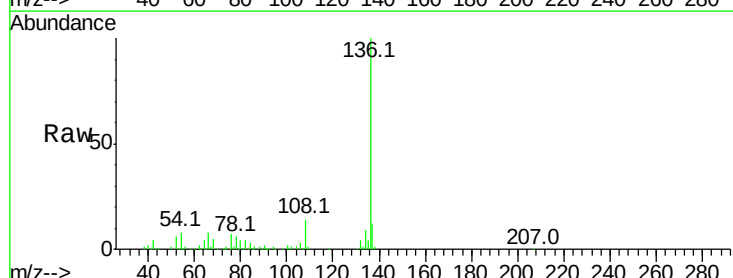
Ion Ratio Lower Upper

136 100

137 11.8 8.7 13.1

54 7.6 4.6 6.8#

68 4.6 3.7 5.5

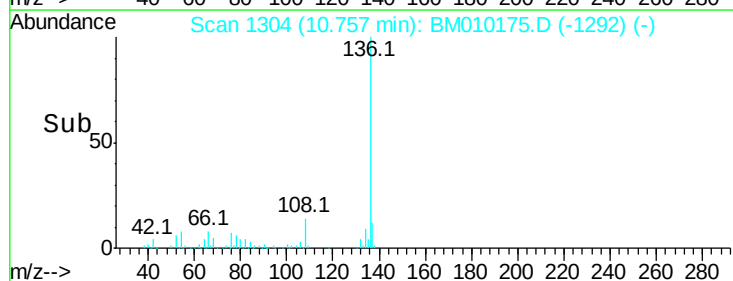
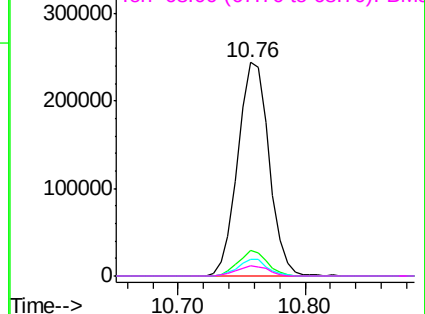


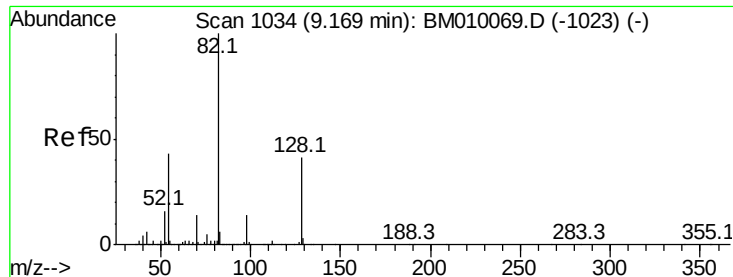
Abundance Ion 136.00 (135.70 to 136.70): BM010069.D (-1300) (-)

Ion 137.00 (136.70 to 137.70): BM010069.D (-1300) (-)

Ion 54.00 (53.70 to 54.70): BM010069.D (-1300) (-)

Ion 68.00 (67.70 to 68.70): BM010069.D (-1300) (-)

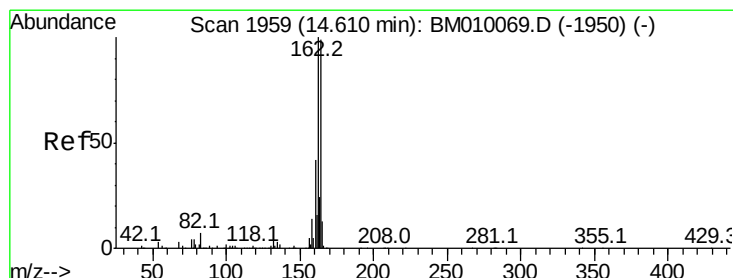
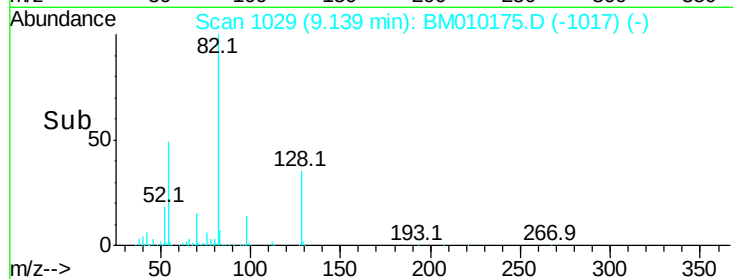
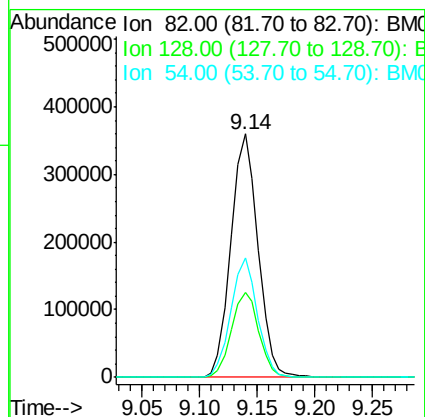
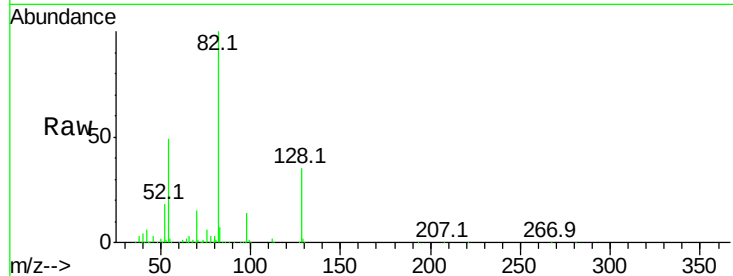




#23
 Nitrobenzene-d5
 Concen: 76.00 ng
 RT: 9.14 min Scan# 1029
 Delta R.T. -0.03 min
 Lab File: BM010175.D
 Acq: 24 May 2017 11:51

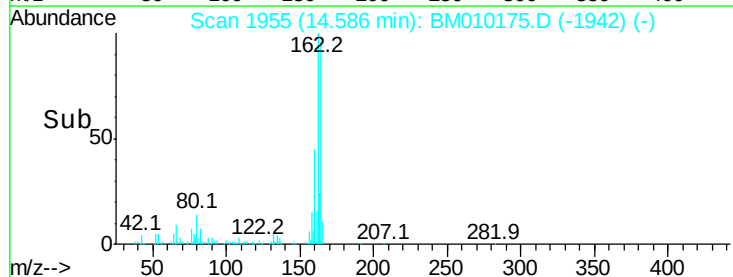
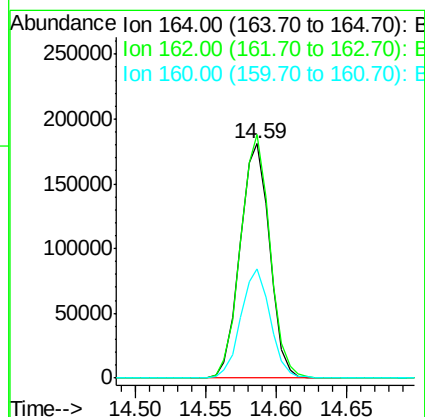
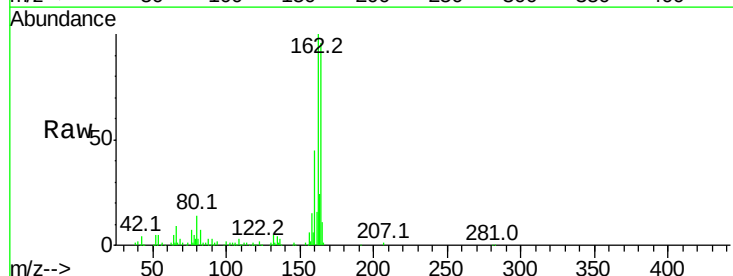
Instrument :
 BNA_M
 ClientSampleId :
 PB99209BL

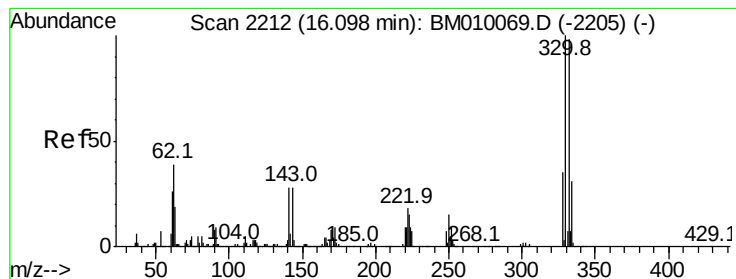
Tot Ion	82	Resp	587258
Ion	Ratio	Lower	Upper
82	100		
128	35.1	32.8	49.2
54	49.2	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1955
 Delta R.T. -0.02 min
 Lab File: BM010175.D
 Acq: 24 May 2017 11:51

Tgt Ion	164	Resp	264750
Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.4	123.6
160	46.6	35.8	53.6

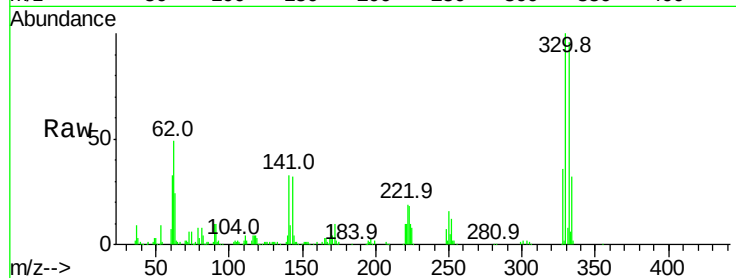




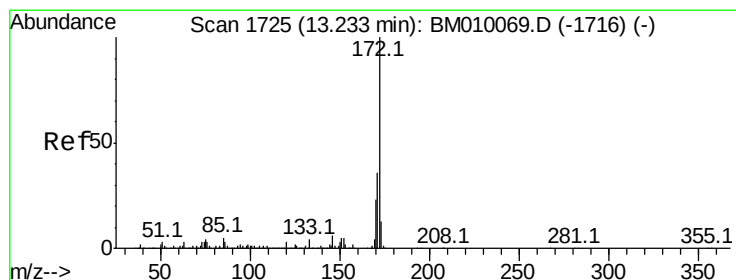
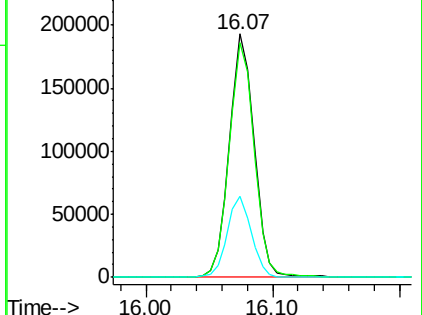
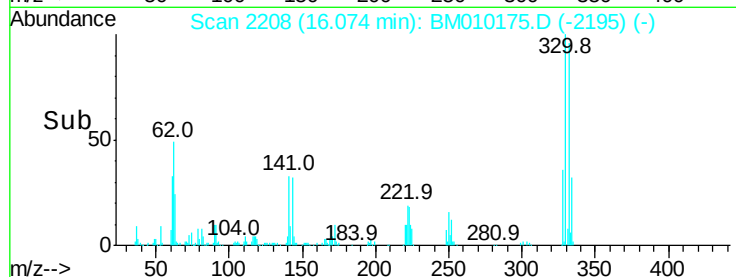
#41
 2,4,6-Tribromophenol
 Concen: 65.00 ng
 RT: 16.07 min Scan# 2208
 Delta R.T. -0.02 min
 Lab File: BM010175.D
 Acq: 24 May 2017 11:51

Instrument :
 BNA_M
 ClientSampleId :
 PB99209BL

Tot Ion:330 Resp: 261353
 Ion Ratio Lower Upper
 330 100
 332 97.3 0.0 0.0#
 141 32.7 0.0 0.0#

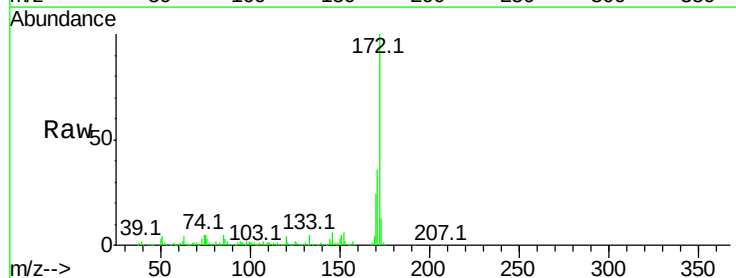


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

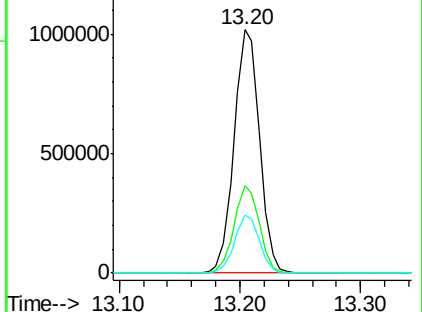
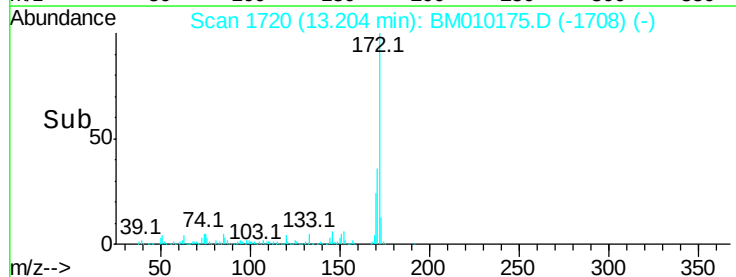


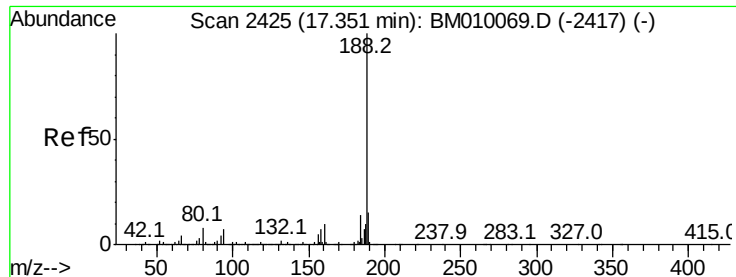
#44
 2-Fluorobiphenyl
 Concen: 72.80 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BM010175.D
 Acq: 24 May 2017 11:51

Tgt Ion:172 Resp: 1499270
 Ion Ratio Lower Upper
 172 100
 171 35.9 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: 17.33 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BM010175.D

Acq: 24 May 2017 11:51

Instrument :

BNA_M

ClientSampleId :

PB99209BL

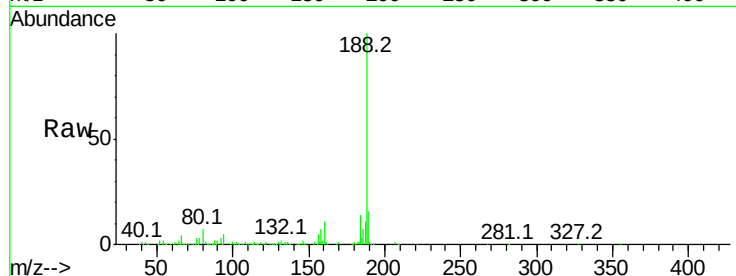
Tot Ion:188 Resp: 662023

Ion Ratio Lower Upper

188 100

94 5.4 8.7 13.1#

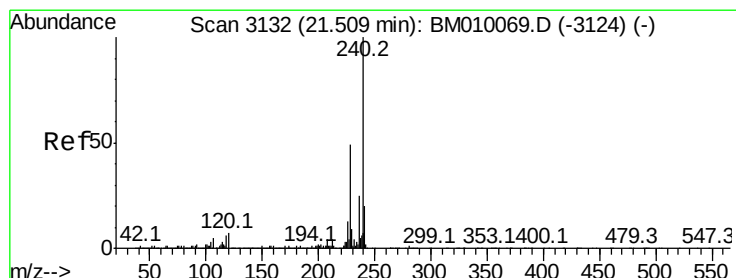
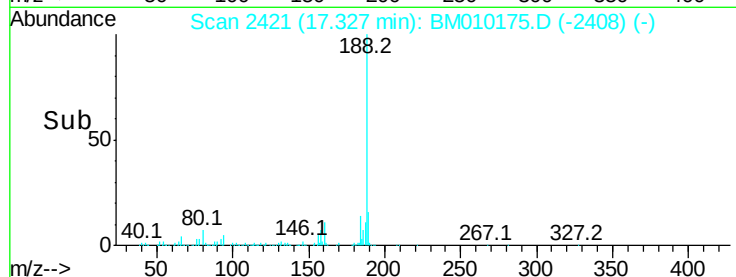
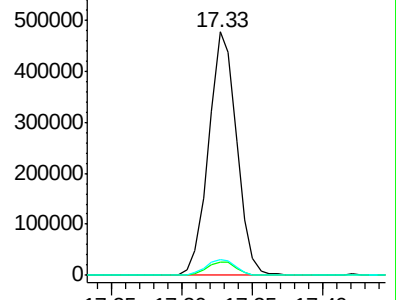
80 6.6 9.3 13.9#



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: 21.49 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BM010175.D

Acq: 24 May 2017 11:51

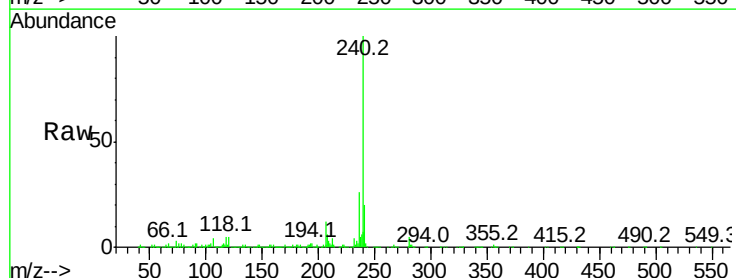
Tgt Ion:240 Resp: 1040506

Ion Ratio Lower Upper

240 100

120 5.5 8.2 12.2#

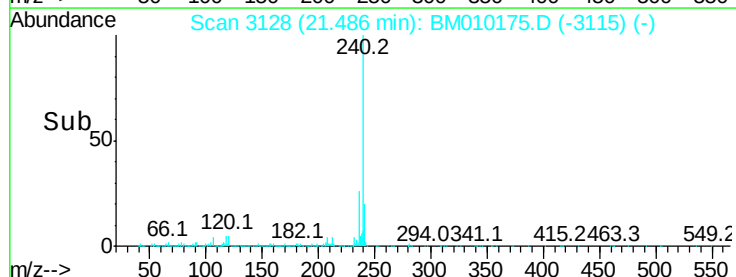
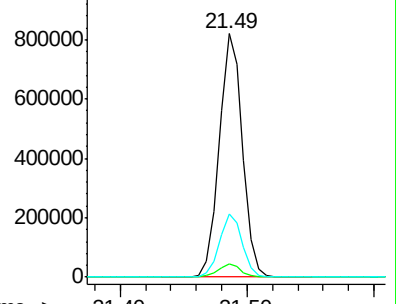
236 25.7 20.0 30.0

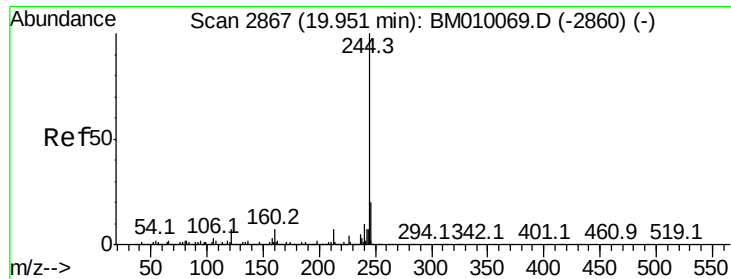


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 61.43 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM010175.D

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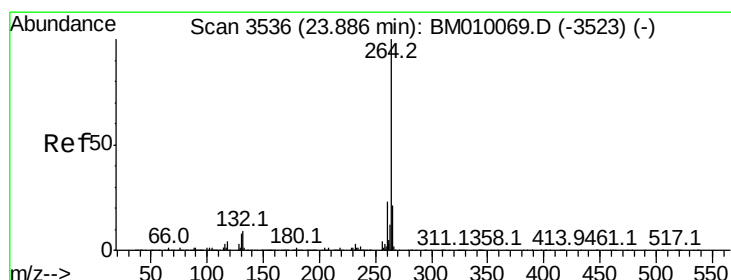
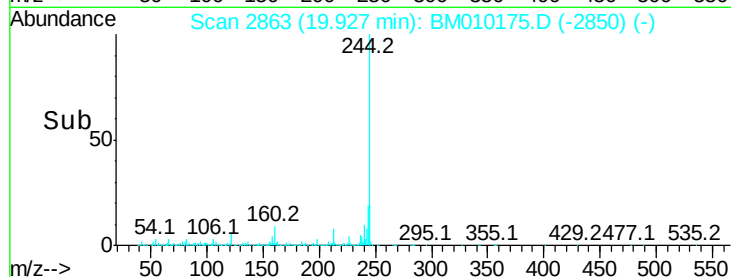
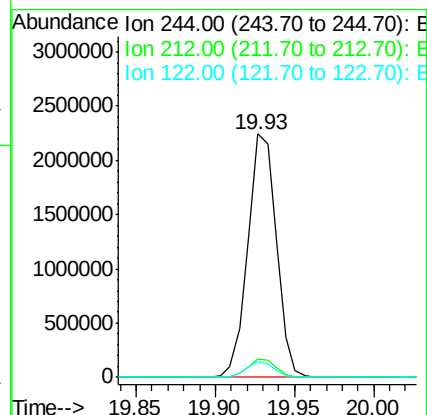
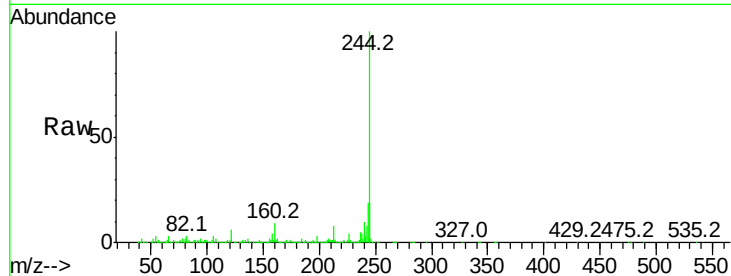
Tot Ion:244 Resp: 2810857

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

122 6.3 6.2 9.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.85 min Scan# 3530

Delta R.T. -0.04 min

Lab File: BM010175.D

Acq: 24 May 2017 11:51

Tgt Ion:264 Resp: 1182880

Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

265 22.3 17.3 25.9

