

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
 Data File : BM010156.D
 Acq On : 24 May 2017 00:11
 Operator : SJ/MA
 Sample : PB99135BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB99135BL

Quant Time: May 24 06:27:54 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	126747	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	418302	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	257752	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	643889	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	992075	20.00	ng	-0.02
86) Perylene-d12	23.86	264	1171590	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1046213	149.06	ng	-0.02
7) Phenol-d6	7.15	99	1270955	140.73	ng	-0.02
23) Nitrobenzene-d5	9.15	82	824229	106.31	ng	-0.02
41) 2,4,6-Tribromophenol	16.08	330	596715	152.43	ng	-0.02
44) 2-Fluorobiphenyl	13.21	172	2106027	105.04	ng	-0.02
78) Terphenyl-d14	19.93	244	3748003	85.90	ng	-0.02

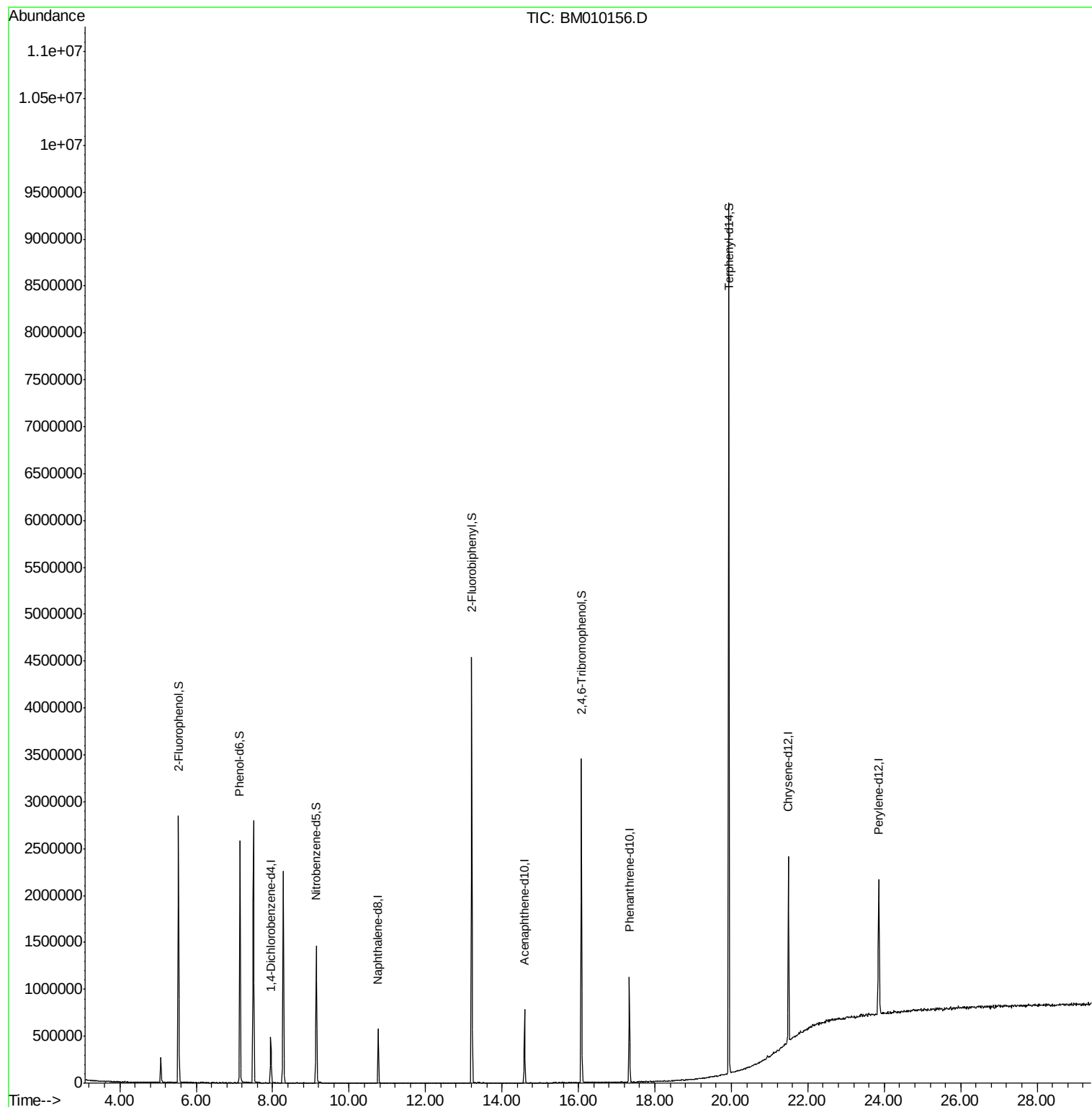
Target Compounds	Qvalue
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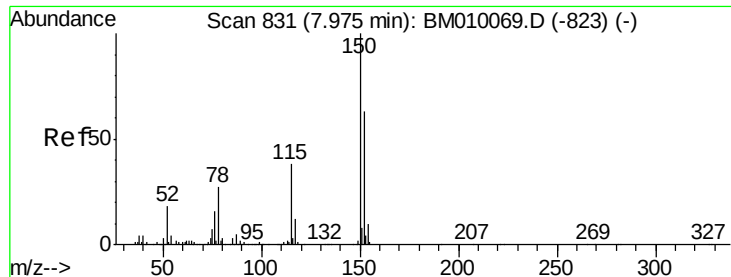
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.02 min

Lab File: BM010156.D

Acq: 24 May 2017 00:11

Instrument :

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ClientSampleId :

PB99135BL

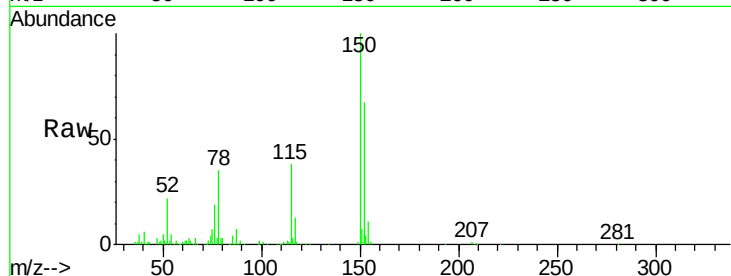
Tgt Ion:152 Resp: 126747

Ion Ratio Lower Upper

152 100

150 148.2 119.5 179.3

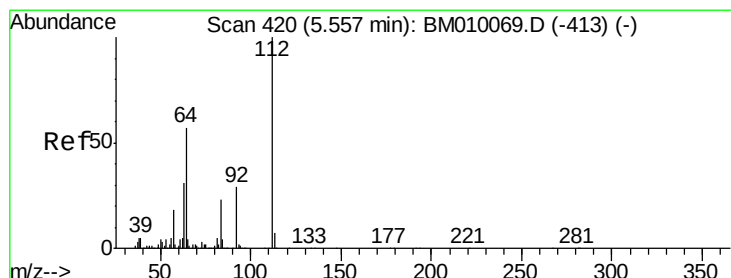
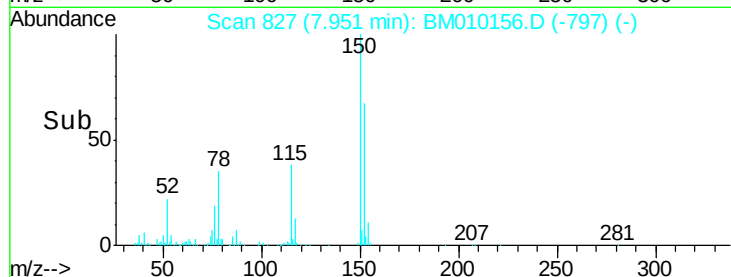
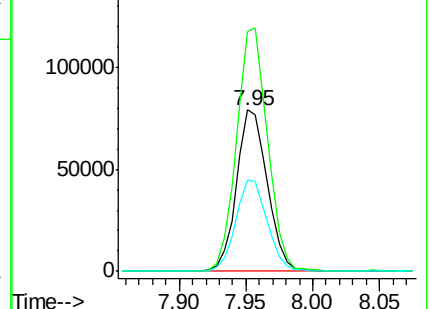
115 56.7 43.0 64.4



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: 149.06 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.02 min

Lab File: BM010156.D

Acq: 24 May 2017 00:11

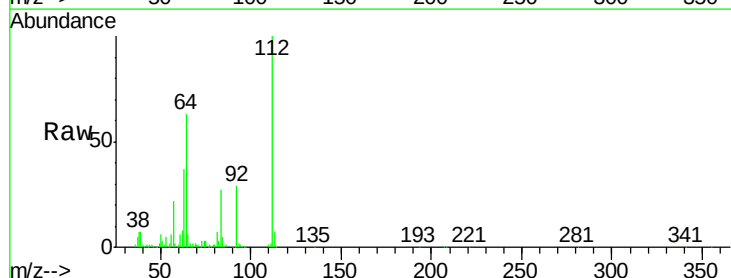
Tgt Ion:112 Resp: 1046213

Ion Ratio Lower Upper

112 100

64 62.7 38.6 57.8#

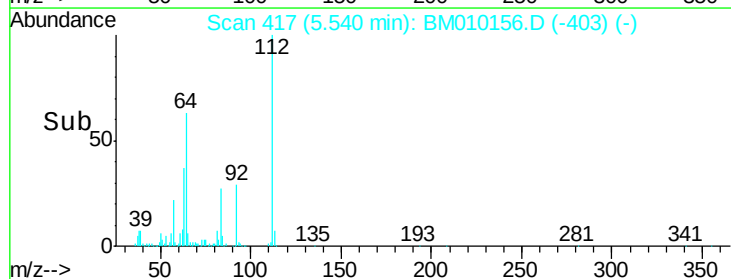
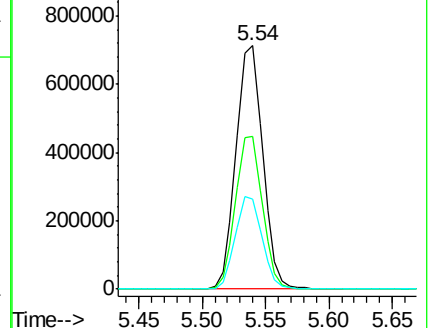
63 36.9 19.3 28.9#

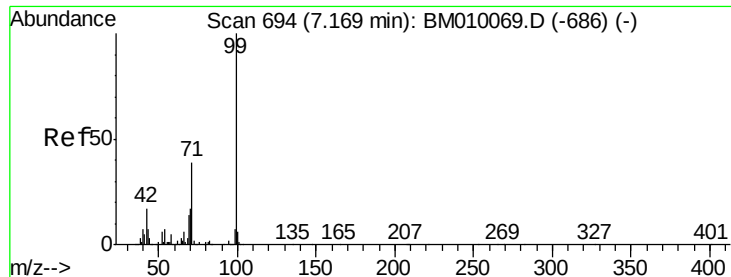


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 140.73 ng

RT: 7.15 min Scan# 690

Delta R.T. -0.02 min

Lab File: BM010156.D

Acq: 24 May 2017 00:11

Instrument :

BNA_M

ClientSampleId :

PB99135BL

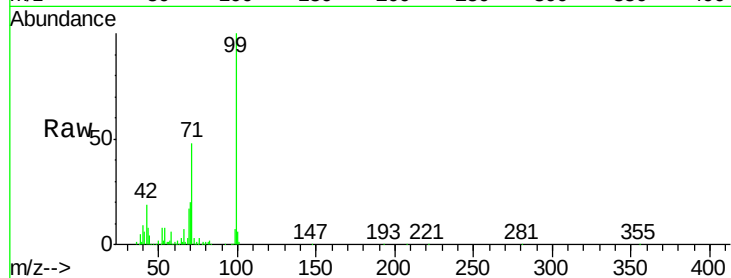
Tgt Ion: 99 Resp: 1270955

Ion Ratio Lower Upper

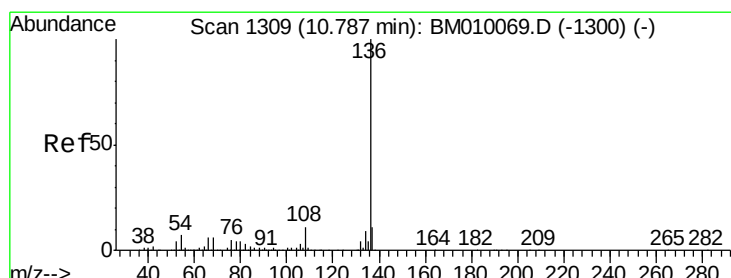
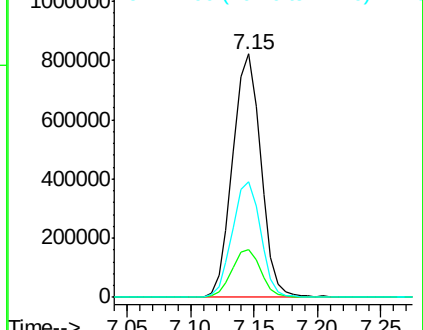
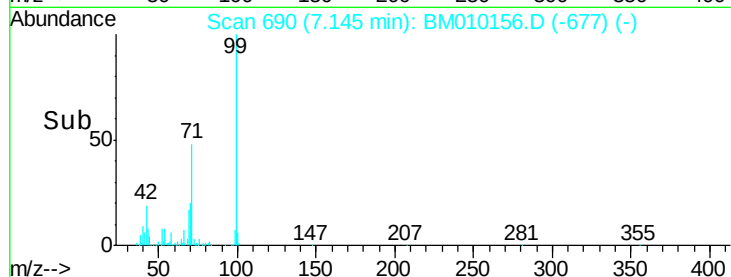
99 100

42 19.4 11.0 16.4#

71 47.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010156.D (-677) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BM010156.D

Acq: 24 May 2017 00:11

Tgt Ion: 136 Resp: 418302

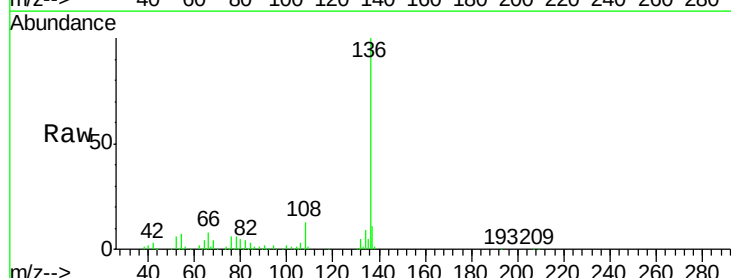
Ion Ratio Lower Upper

136 100

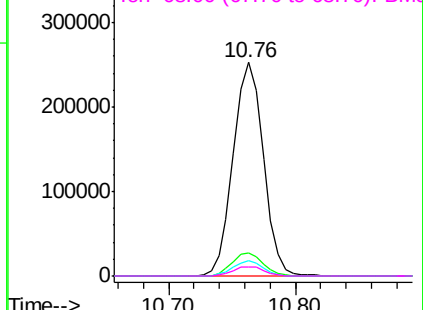
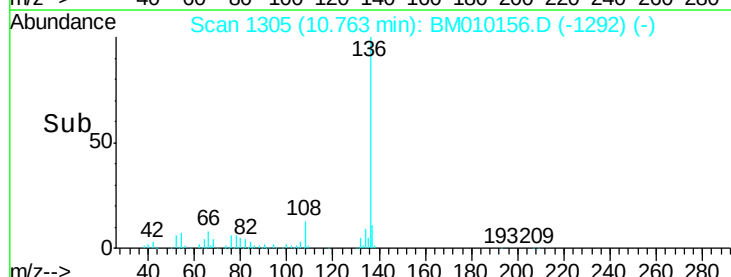
137 10.8 8.7 13.1

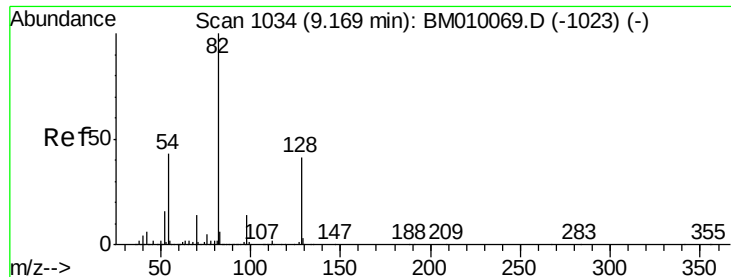
54 7.4 4.6 6.8#

68 4.5 3.7 5.5



Abundance Ion 136.00 (135.70 to 136.70): BM010156.D (-1292) (-)

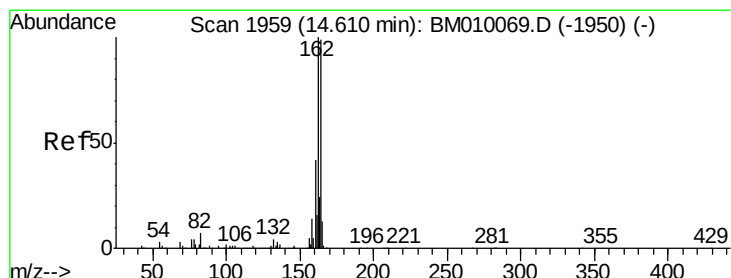
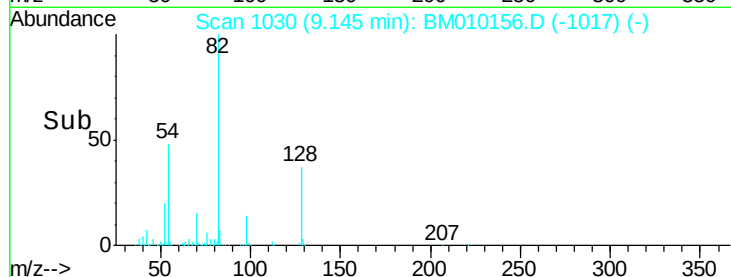
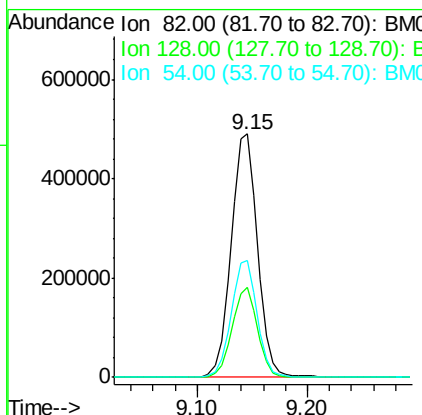
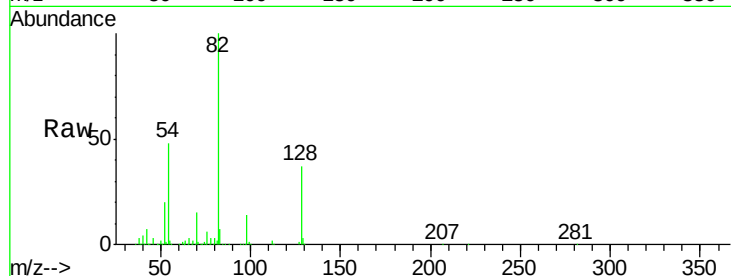




#23
 Nitrobenzene-d5
 Concen: 106.31 ng
 RT: 9.15 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BM010156.D
 Acq: 24 May 2017 00:11

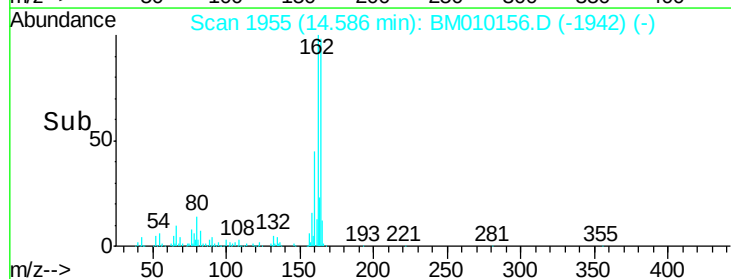
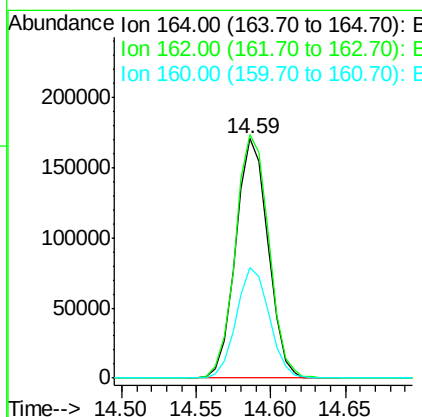
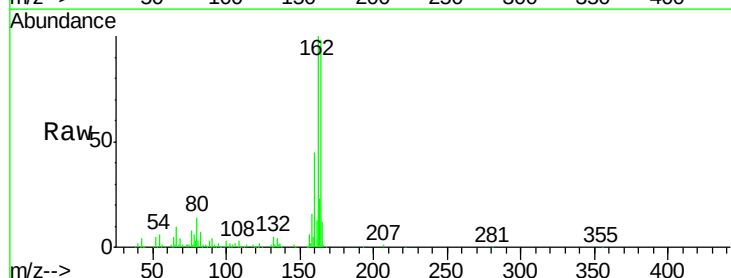
Instrument :
 BNA_M
 ClientSampleId :
 PB99135BL

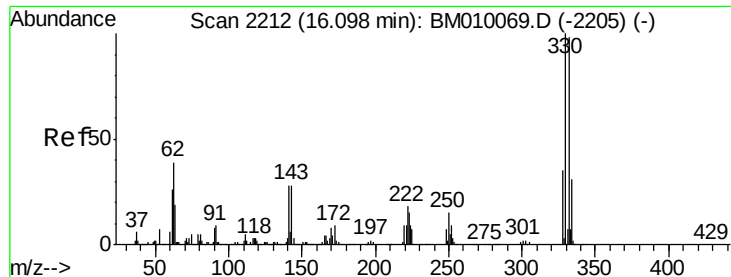
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.9	32.8	49.2
54	47.9	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1955
 Delta R.T. -0.02 min
 Lab File: BM010156.D
 Acq: 24 May 2017 00:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.4	123.6
160	46.0	35.8	53.6

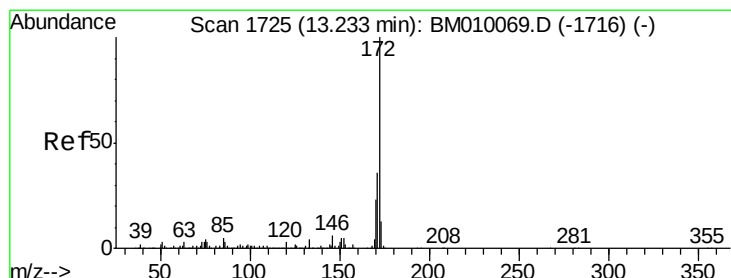
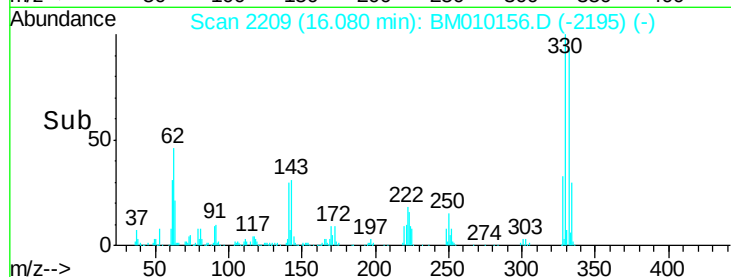
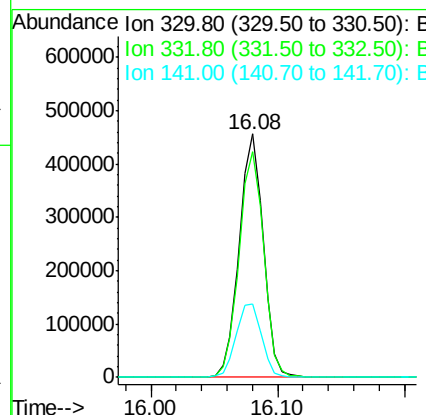
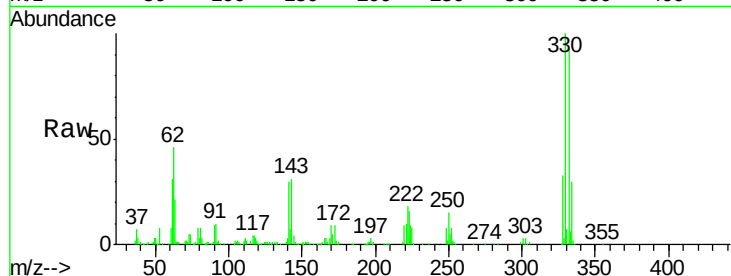




#41
 2,4,6-Tribromophenol
 Concen: 152.43 ng
 RT: 16.08 min Scan# 2209
 Delta R.T. -0.02 min
 Lab File: BM010156.D
 Acq: 24 May 2017 00:11

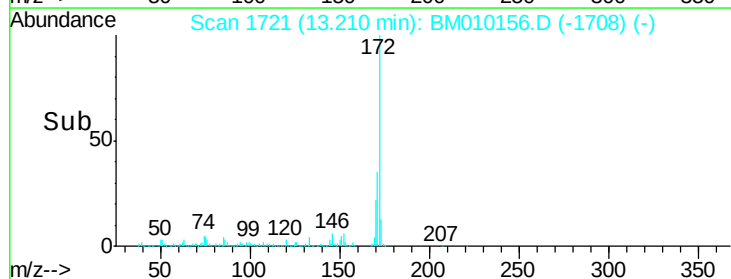
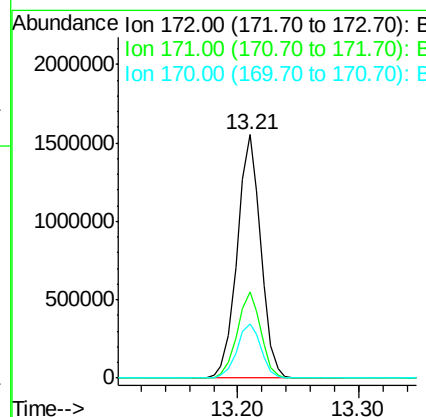
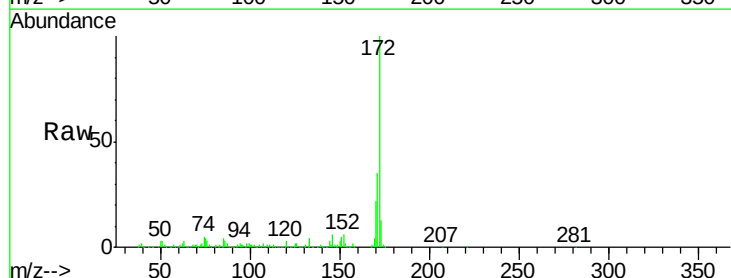
Instrument :
 BNA_M
 ClientSampleId :
 PB99135BL

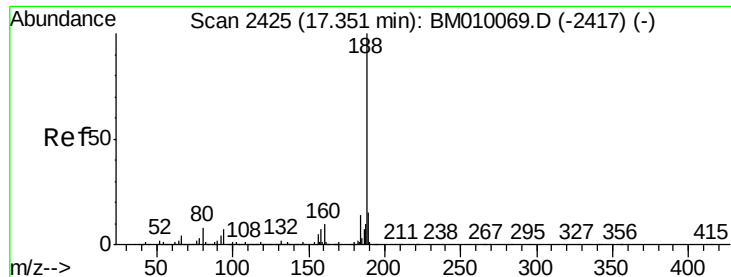
Tgt Ion:330 Resp: 596715
 Ion Ratio Lower Upper
 330 100
 332 95.1 0.0 0.0#
 141 32.2 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 105.04 ng
 RT: 13.21 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BM010156.D
 Acq: 24 May 2017 00:11

Tgt Ion:172 Resp: 2106027
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 22.4 18.8 28.2

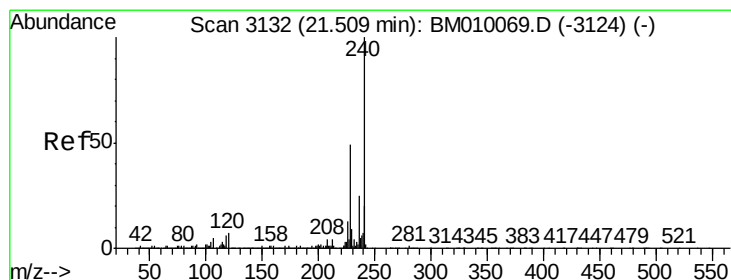
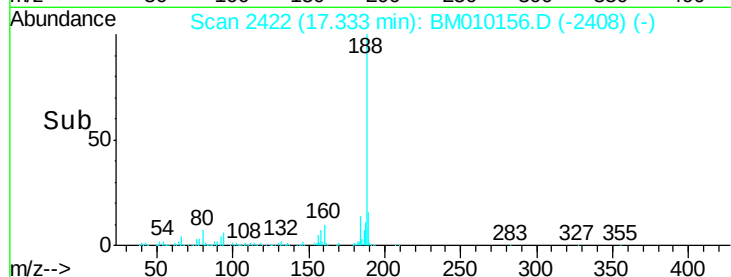
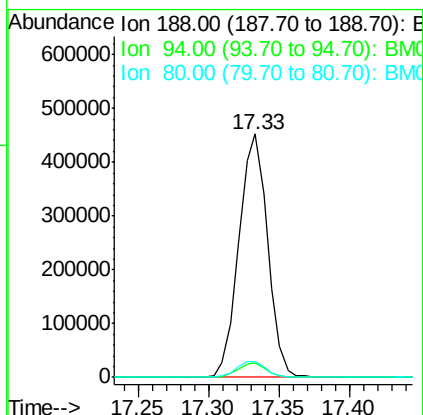
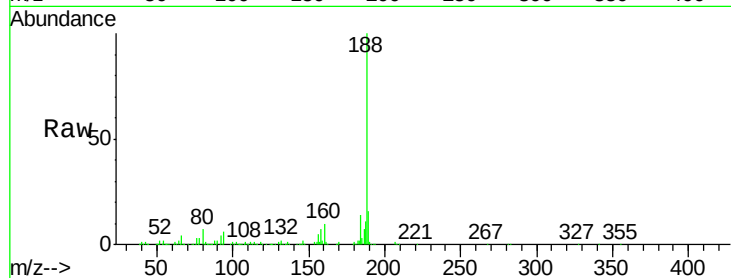




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.33 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BM010156.D
Acq: 24 May 2017 00:11

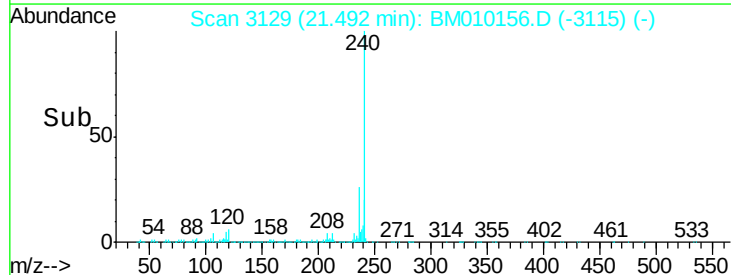
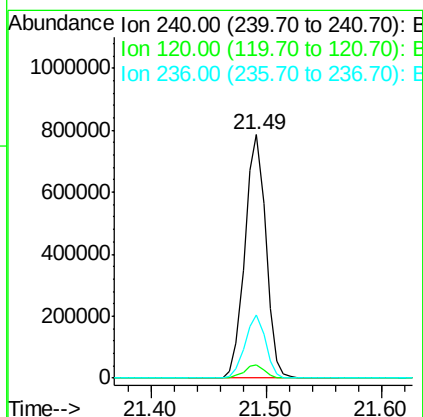
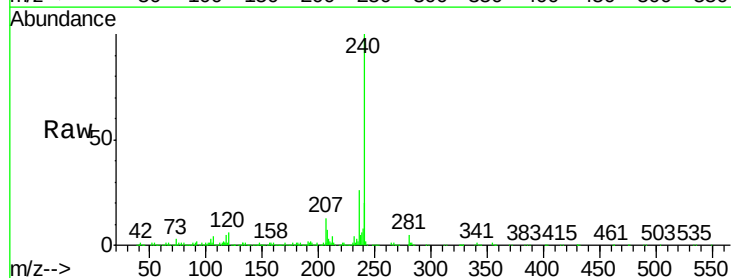
Instrument :
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ClientSampleId :
PB99135BL

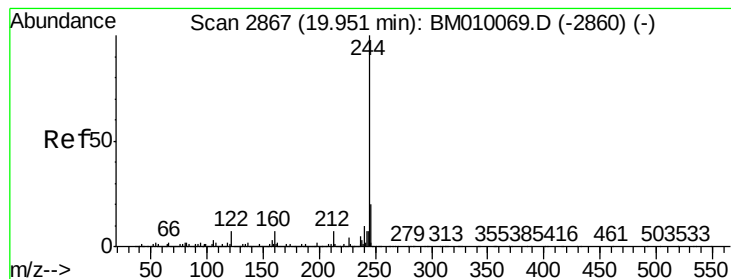
Tgt Ion:188 Resp: 643889
Ion Ratio Lower Upper
188 100
94 5.9 8.7 13.1#
80 6.7 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.49 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BM010156.D
Acq: 24 May 2017 00:11

Tgt Ion:240 Resp: 992075
Ion Ratio Lower Upper
240 100
120 5.5 8.2 12.2#
236 25.9 20.0 30.0





#78

Terphenyl-d14

Concen: 85.90 ng

RT: 19.93 min Scan# 2864

Delta R.T. -0.02 min

Lab File: BM010156.D

Acq: 24 May 2017 00:11

Instrument :

BNA_M

ClientSampleId :

PB99135BL

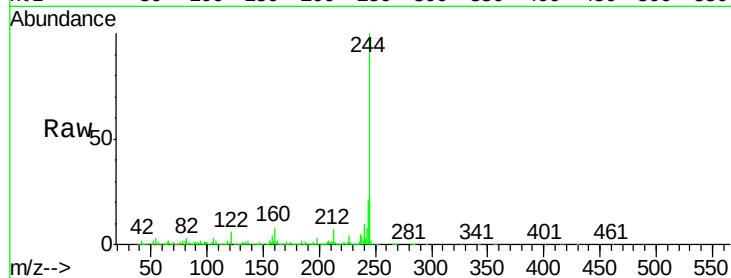
Tgt Ion:244 Resp: 3748003

Ion Ratio Lower Upper

244 100

212 7.2 4.9 7.3

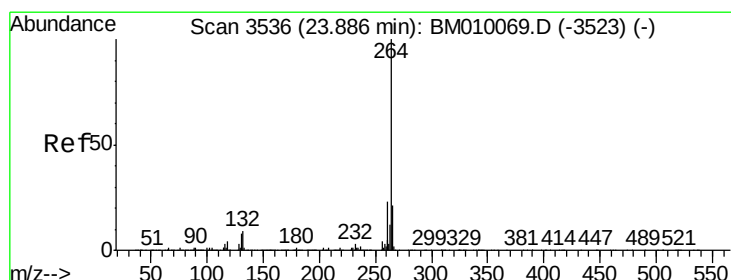
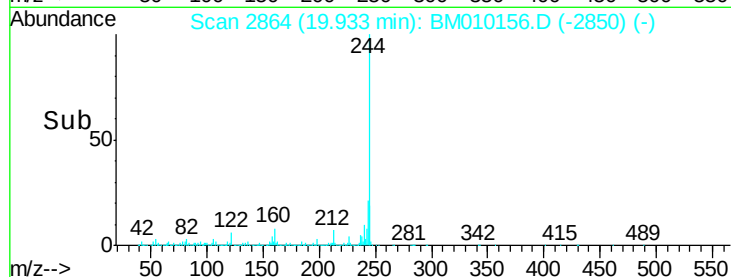
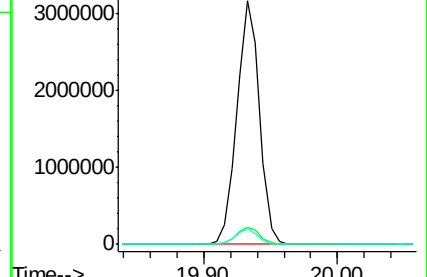
122 6.3 6.2 9.4



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: 23.86 min Scan# 3531

Delta R.T. -0.03 min

Lab File: BM010156.D

Acq: 24 May 2017 00:11

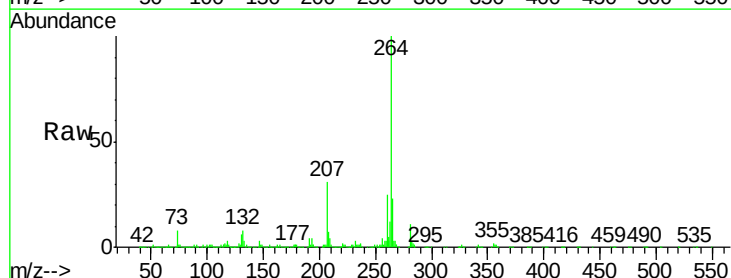
Tgt Ion:264 Resp: 1171590

Ion Ratio Lower Upper

264 100

260 24.6 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

