

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
 Data File : BM010257.D
 Acq On : 26 May 2017 15:11
 Operator : SJ/MA
 Sample : PB99311TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB99311TB

Quant Time: May 27 00:35:01 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	7.94	152	109279	20.00	ng	-0.04
21) Naphthalene-d8	10.75	136	352966	20.00	ng	-0.04
38) Acenaphthene-d10	14.57	164	236882	20.00	ng	-0.04
63) Phenanthrene-d10	17.32	188	630634	20.00	ng	-0.04
75) Chrysene-d12	21.48	240	922506	20.00	ng	-0.03
86) Perylene-d12	23.83	264	1010330	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1130119	186.75	ng	-0.03
7) Phenol-d6	7.13	99	1341383	172.27	ng	-0.04
23) Nitrobenzene-d5	9.13	82	903814	138.15	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	743821	206.75	ng	-0.03
44) 2-Fluorobiphenyl	13.19	172	2355248	127.82	ng	-0.04
78) Terphenyl-d14	19.92	244	4795823	118.21	ng	-0.03

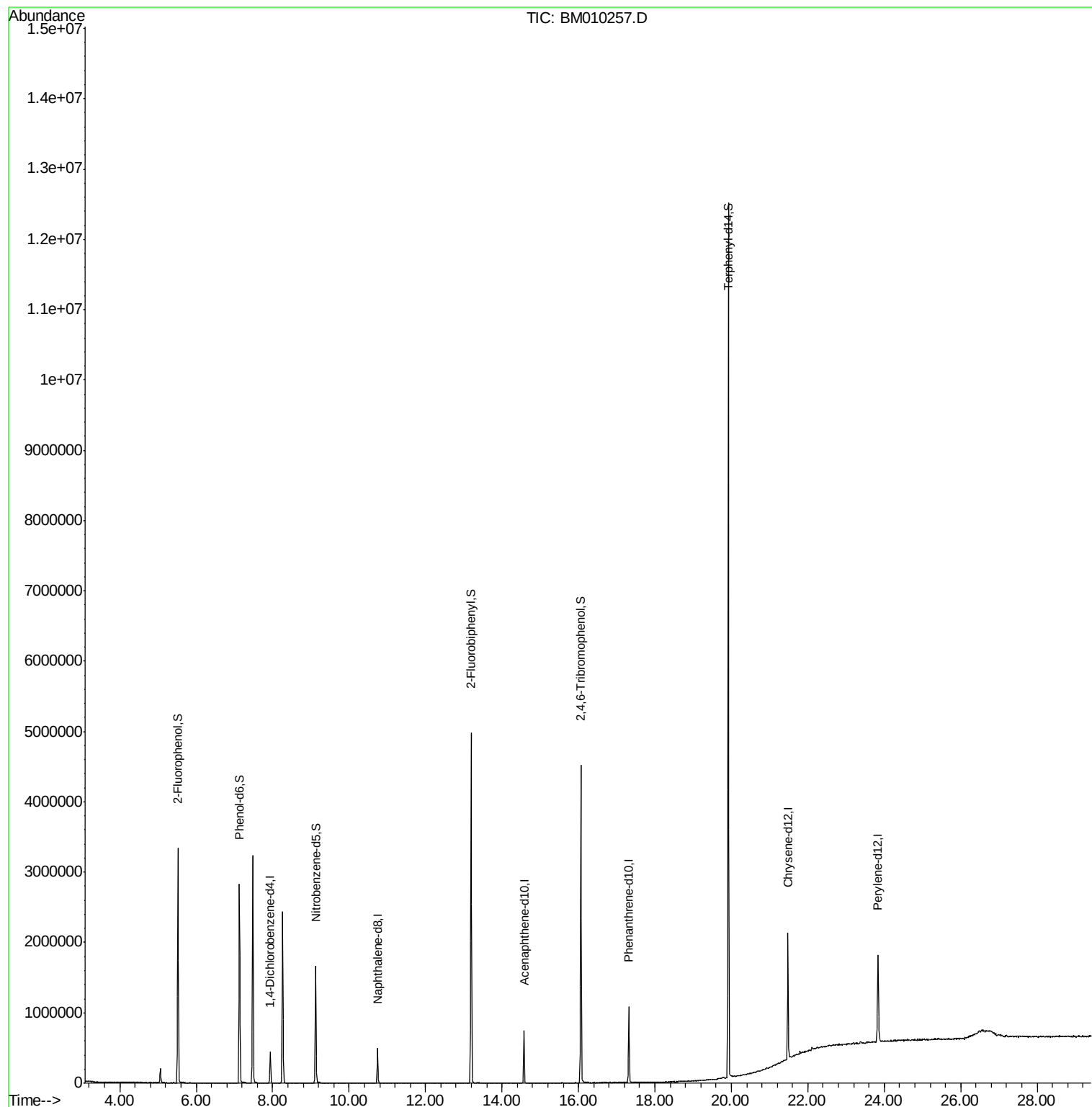
Target Compounds Qvalue

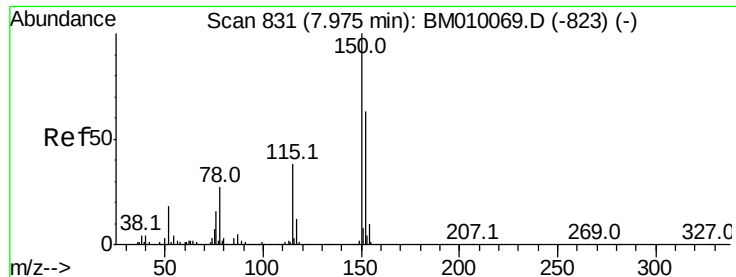
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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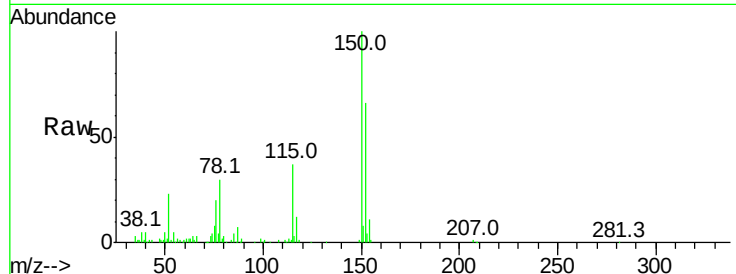


#1

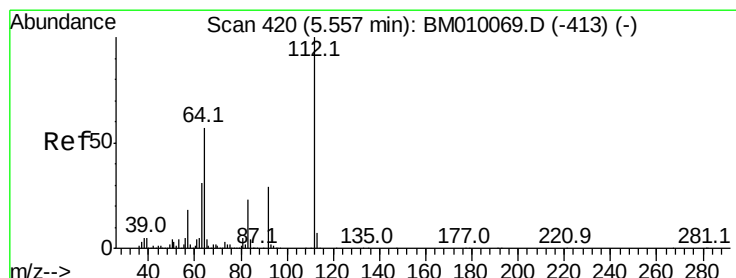
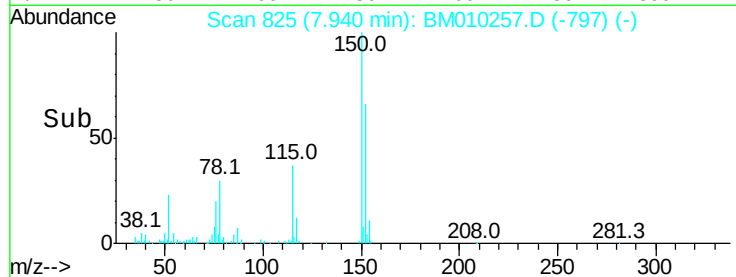
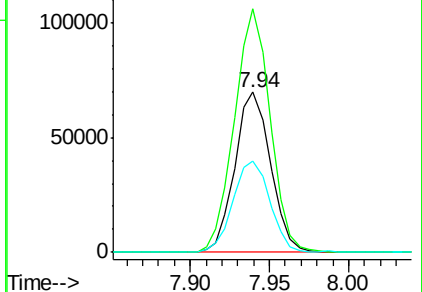
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.04 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Instrument :
BNA_M
ClientSampleId :
PB99311TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	119.5	179.3
115	56.7	43.0	64.4



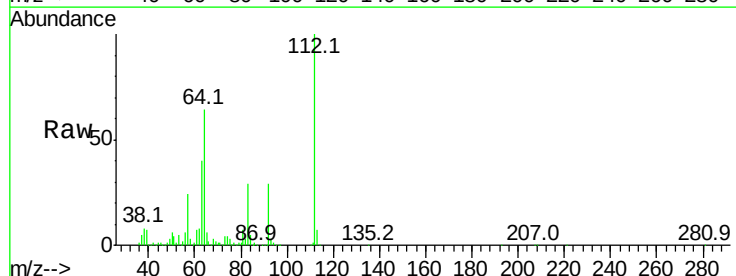
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



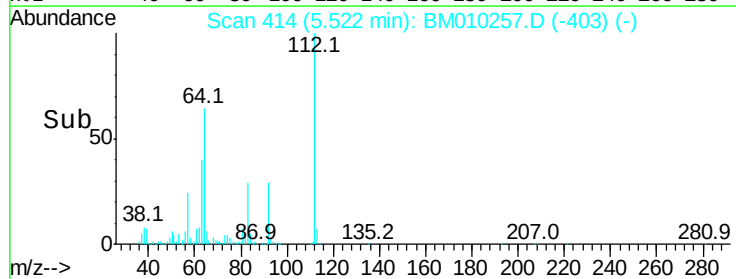
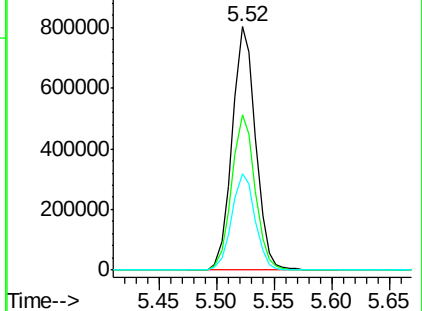
#5

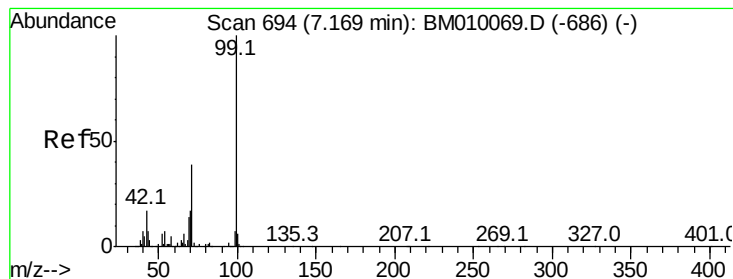
2-Fluorophenol
Concen: 186.75 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.03 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	38.6	57.8#
63	39.7	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: 172.27 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.04 min

Lab File: BM010257.D

Acq: 26 May 2017 15:11

Instrument :

BNA_M

ClientSampleId :

PB99311TB

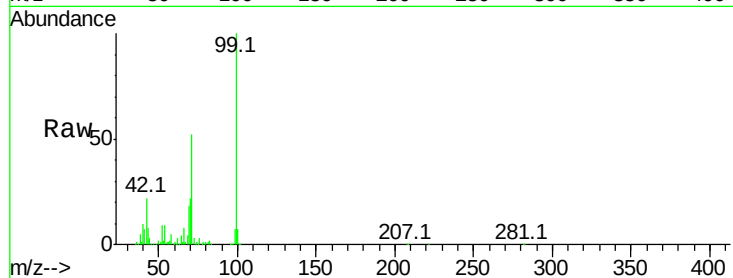
Tot Ion: 99 Resp: 1341383

Ion Ratio Lower Upper

99 100

42 22.4 11.0 16.4#

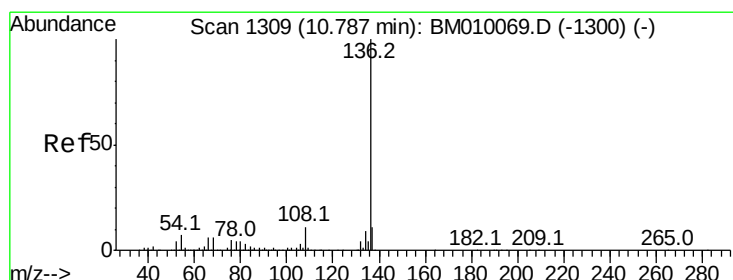
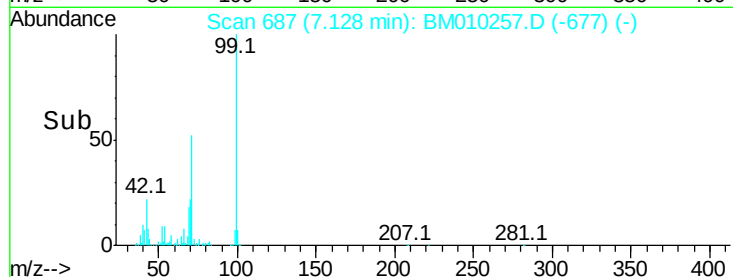
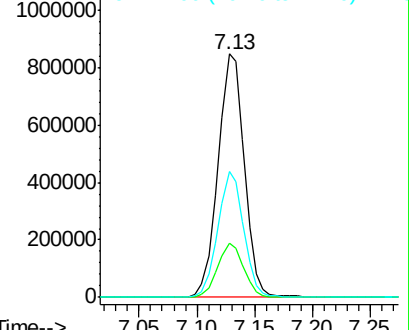
71 51.7 23.4 35.2#



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: 10.75 min Scan# 1302

Delta R.T. -0.04 min

Lab File: BM010257.D

Acq: 26 May 2017 15:11

Tgt Ion: 136 Resp: 352966

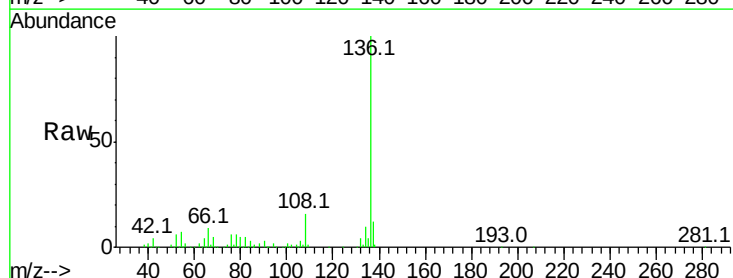
Ion Ratio Lower Upper

136 100

137 11.8 8.7 13.1

54 7.5 4.6 6.8#

68 5.4 3.7 5.5

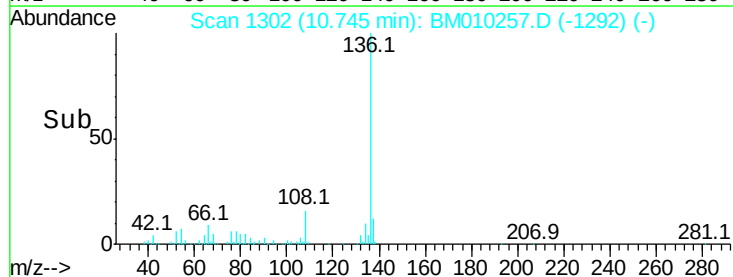
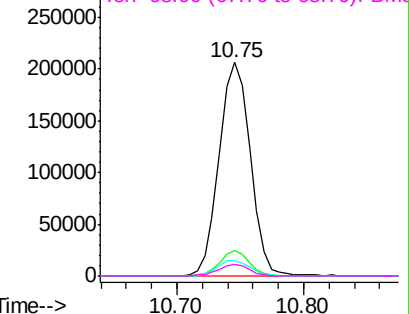


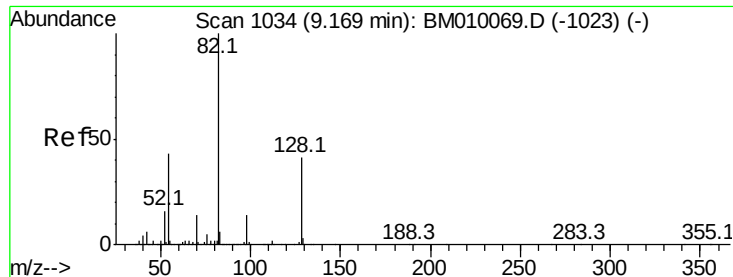
Abundance Ion 136.00 (135.70 to 136.70): BM010069.D (-1300) (-)

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) (-)

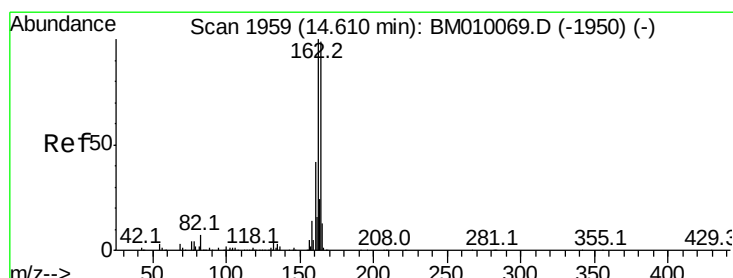
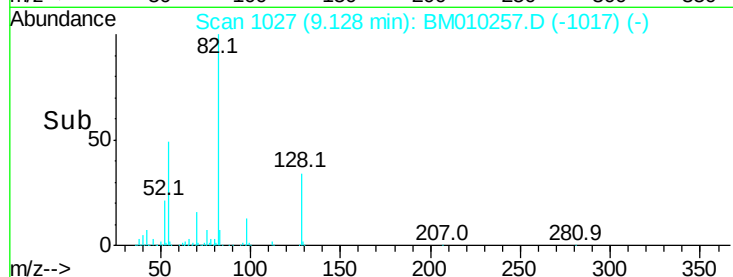
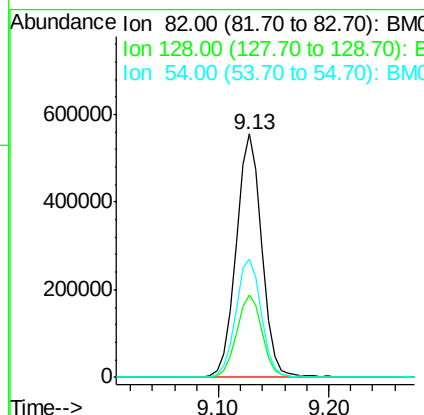
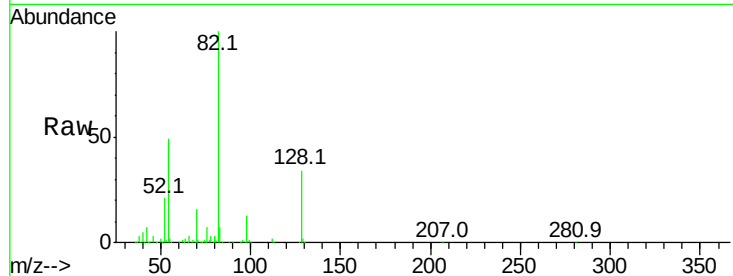




#23
 Nitrobenzene-d5
 Concen: 138.15 ng
 RT: 9.13 min Scan# 1027
 Delta R.T. -0.04 min
 Lab File: BM010257.D
 Acq: 26 May 2017 15:11

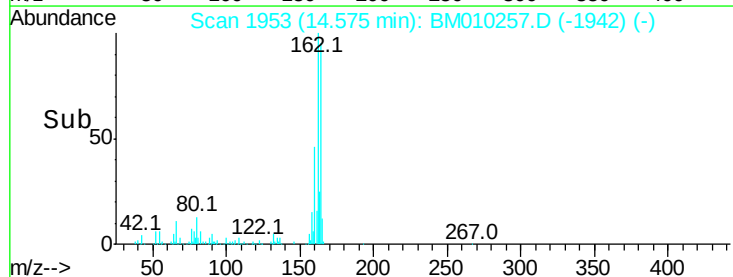
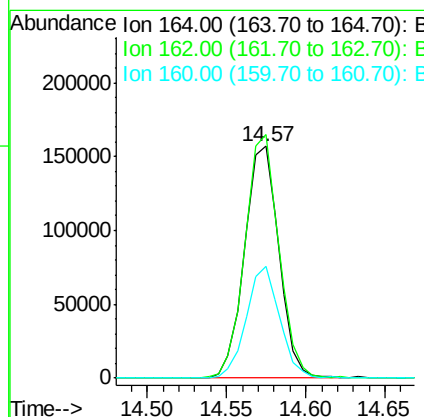
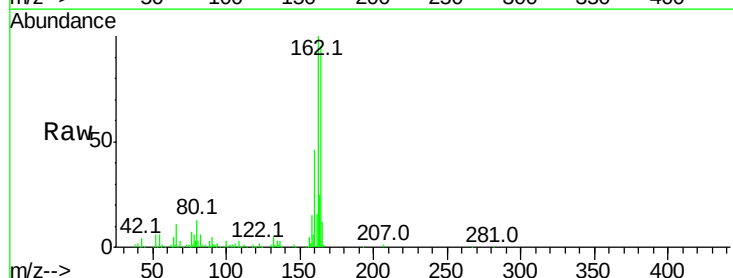
Instrument :
 BNA_M
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 PB99311TB

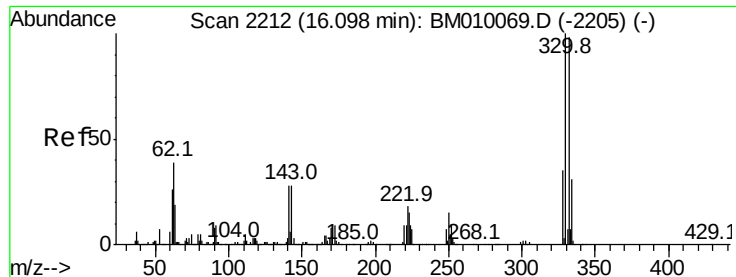
Tot Ion	82	Resp	903814
Ion Ratio	Lower	Upper	
82	100		
128	33.6	32.8	49.2
54	48.6	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.57 min Scan# 1953
 Delta R.T. -0.04 min
 Lab File: BM010257.D
 Acq: 26 May 2017 15:11

Tgt Ion	164	Resp	236882
Ion Ratio	Lower	Upper	
164	100		
162	105.1	82.4	123.6
160	48.1	35.8	53.6

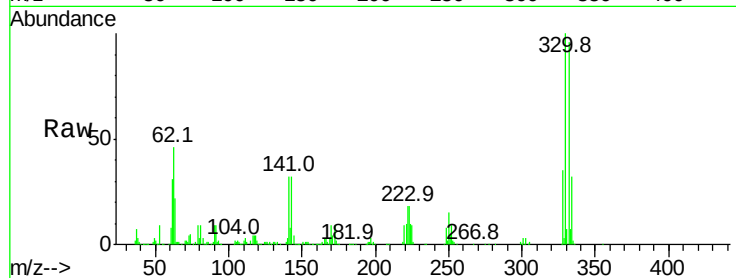




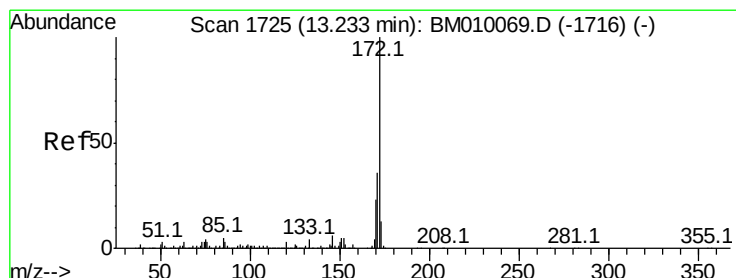
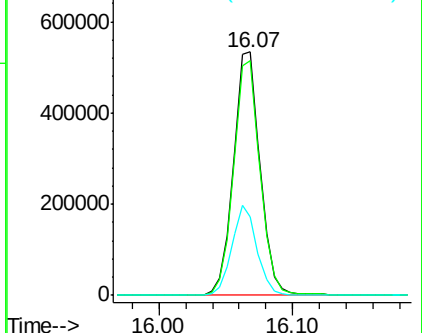
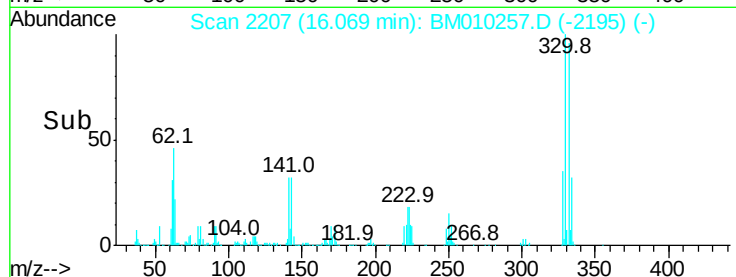
#41
 2,4,6-Tribromophenol
 Concen: 206.75 ng
 RT: 16.07 min Scan# 2207
 Delta R.T. -0.03 min
 Lab File: BM010257.D
 Acq: 26 May 2017 15:11

Instrument :
 BNA_M
 ClientSampleId :
 PB99311TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	35.1	0.0	0.0#

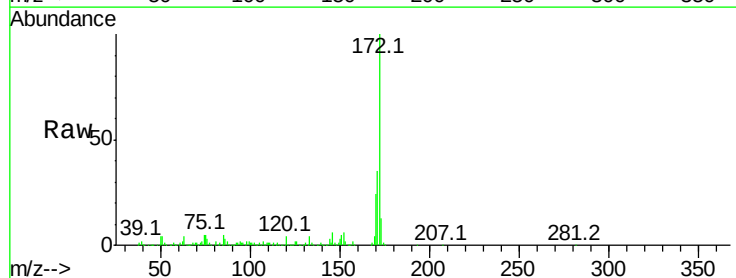


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

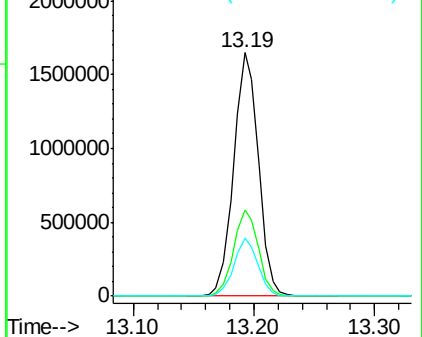
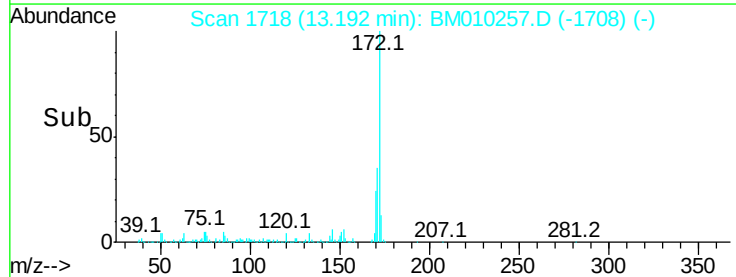


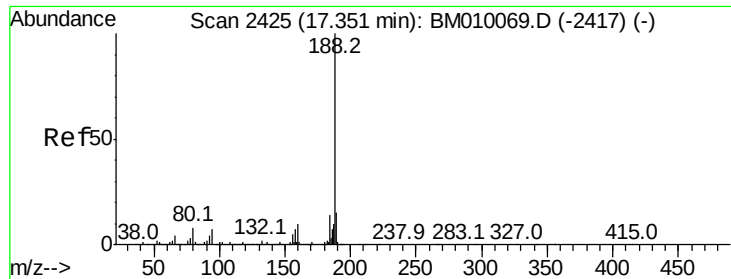
#44
 2-Fluorobiphenyl
 Concen: 127.82 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. -0.04 min
 Lab File: BM010257.D
 Acq: 26 May 2017 15:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.7	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

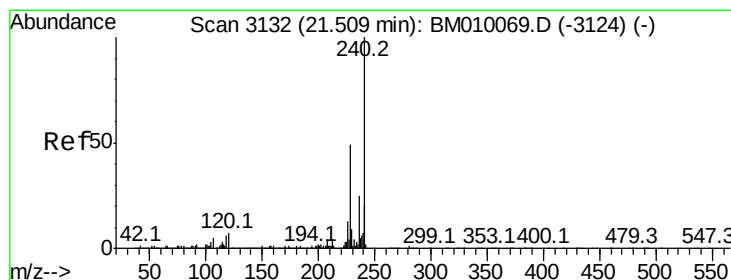
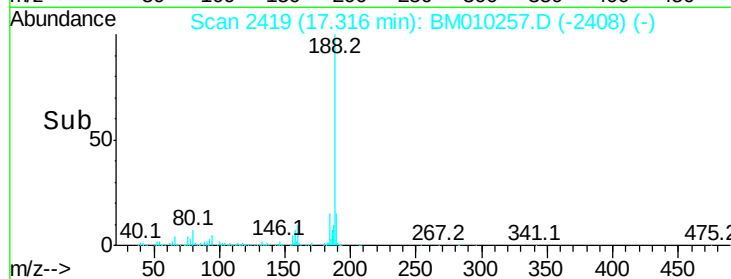
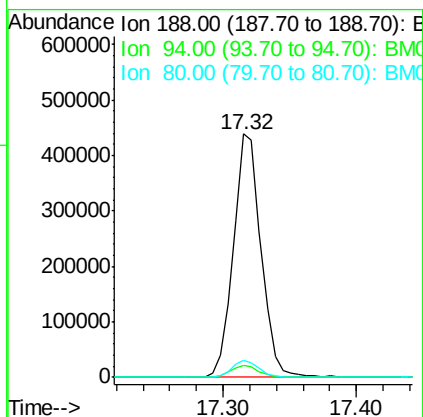
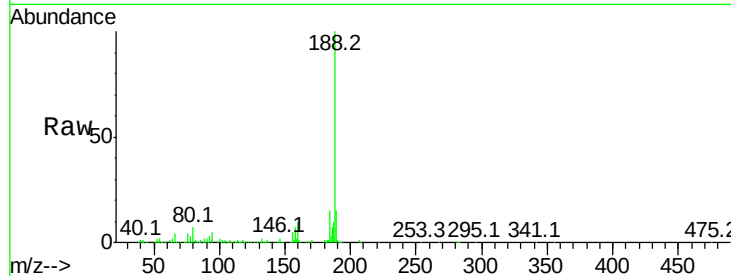




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.32 min Scan# 2419
Delta R.T. -0.04 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

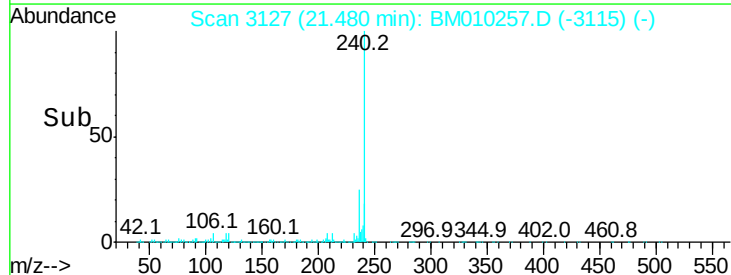
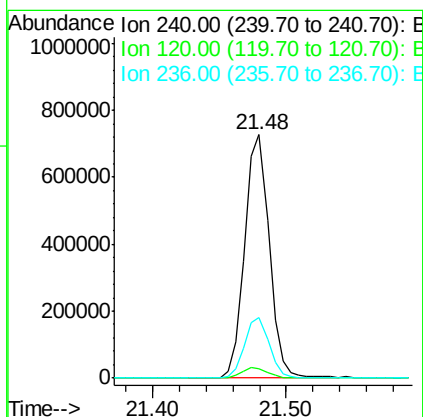
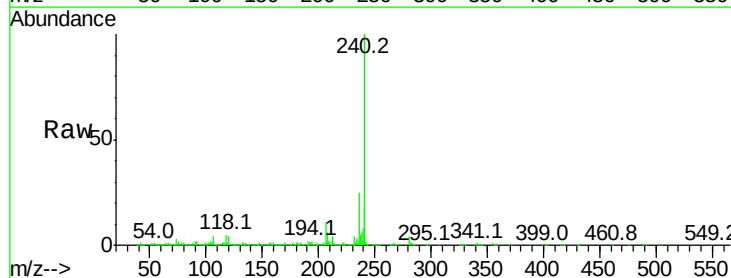
Instrument :
BNA_M
ClientSampleId :
PB99311TB

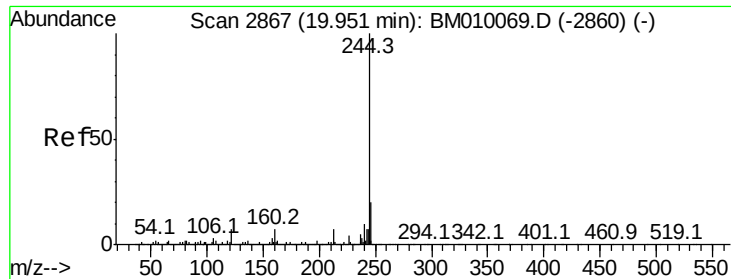
Tot Ion:188 Resp: 630634
Ion Ratio Lower Upper
188 100
94 4.9 8.7 13.1#
80 6.9 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.48 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BM010257.D
Acq: 26 May 2017 15:11

Tgt Ion:240 Resp: 922506
Ion Ratio Lower Upper
240 100
120 4.1 8.2 12.2#
236 24.7 20.0 30.0





#78

Terphenyl-d14

Concen: 118.21 ng

RT: 19.92 min Scan# 2862

Delta R.T. -0.03 min

Lab File: BM010257.D

Acq: 26 May 2017 15:11

Instrument :

BNA_M

ClientSampleId :

PB99311TB

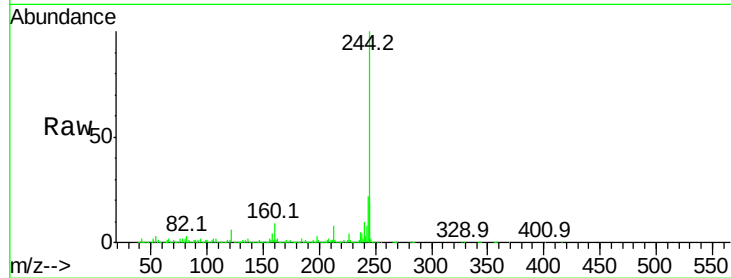
Tot Ion:244 Resp: 4795823

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

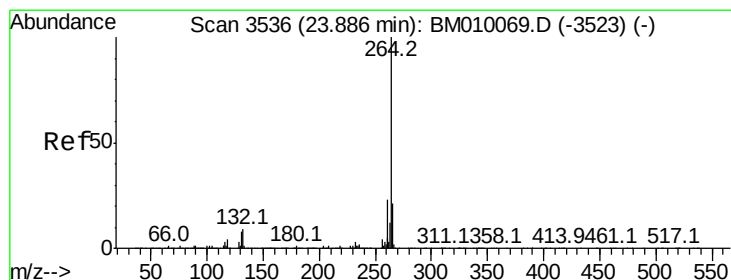
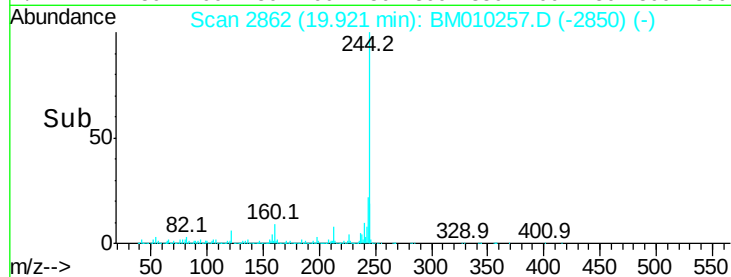
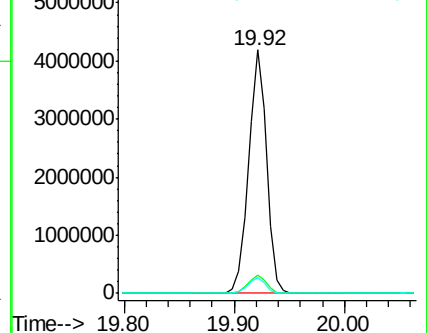
122 6.4 6.2 9.4



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: 23.83 min Scan# 3527

Delta R.T. -0.05 min

Lab File: BM010257.D

Acq: 26 May 2017 15:11

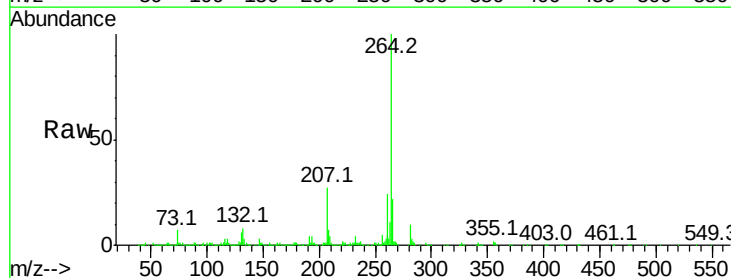
Tgt Ion:264 Resp: 1010330

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 22.4 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

