

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
 Data File : BM010105.D
 Acq On : 22 May 2017 16:47
 Operator : SJ/MA
 Sample : PB99106BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB99106BL

Quant Time: May 23 06:06:56 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	7.96	152	157904	20.00	ng	-0.01
21) Naphthalene-d8	10.77	136	531155	20.00	ng	-0.01
38) Acenaphthene-d10	14.60	164	319969	20.00	ng	-0.01
63) Phenanthrene-d10	17.34	188	807317	20.00	ng	-0.01
75) Chrysene-d12	21.50	240	1199874	20.00	ng	-0.01
86) Perylene-d12	23.87	264	1297347	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1226964	140.32	ng	-0.01
7) Phenol-d6	7.15	99	1475007	131.09	ng	-0.02
23) Nitrobenzene-d5	9.15	82	929266	94.39	ng	-0.02
41) 2,4,6-Tribromophenol	16.09	330	667354	137.33	ng	-0.01
44) 2-Fluorobiphenyl	13.22	172	2389199	95.99	ng	-0.01
78) Terphenyl-d14	19.94	244	4364068	82.70	ng	0.00

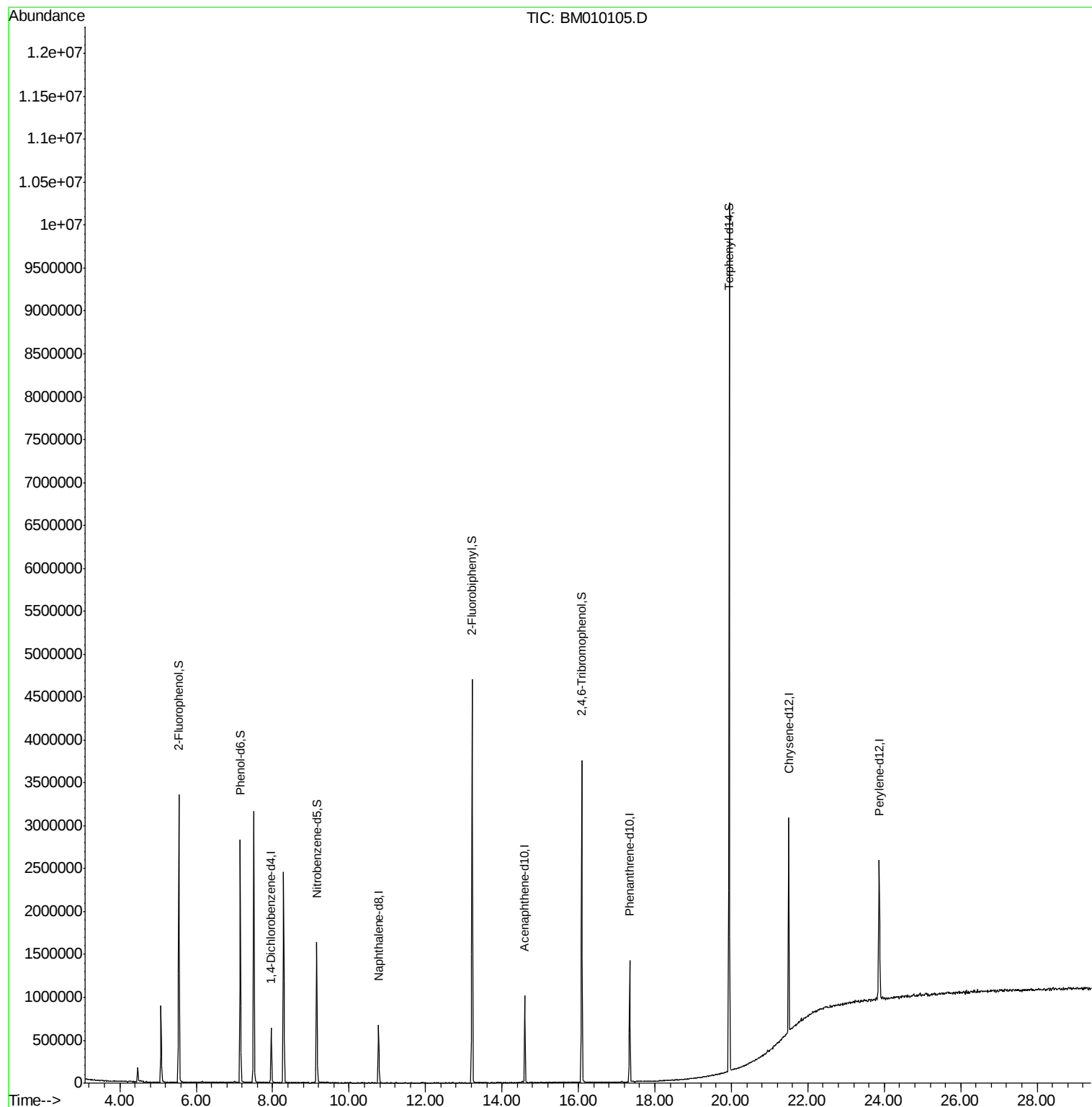
Target Compounds Qvalue

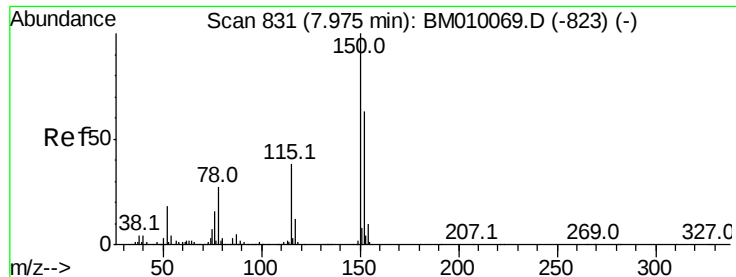
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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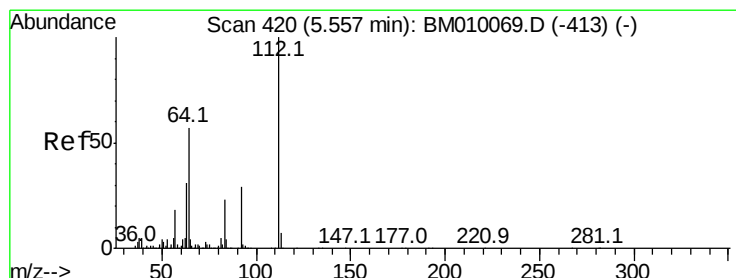
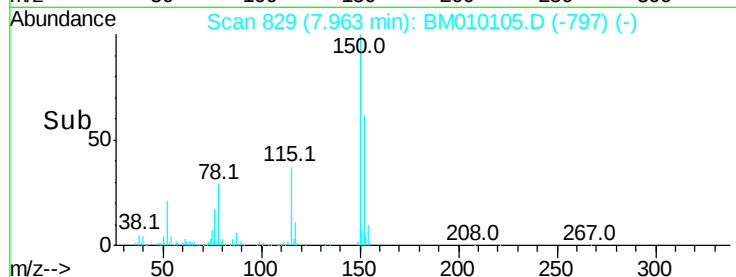
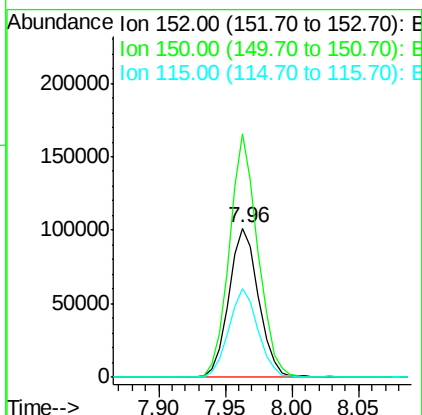
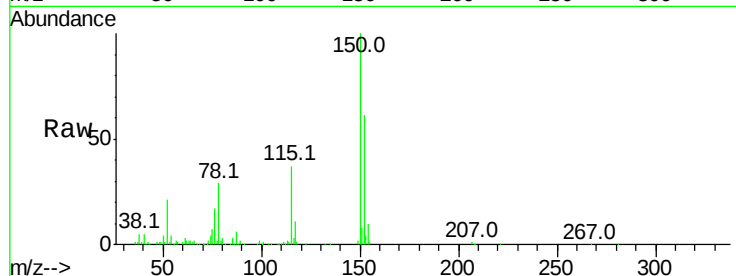


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BM010105.D
Acq: 22 May 2017 16:47

Instrument :
BNA_M
ClientSampleId :
PB99106BL

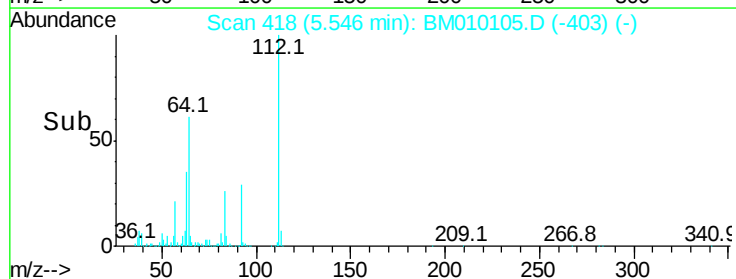
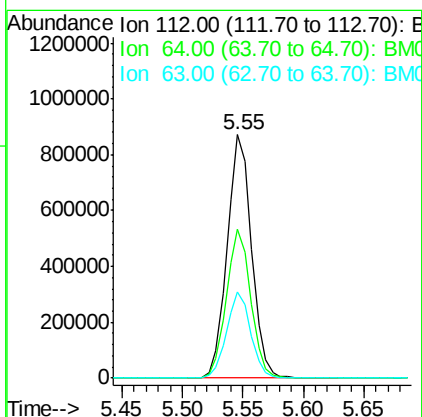
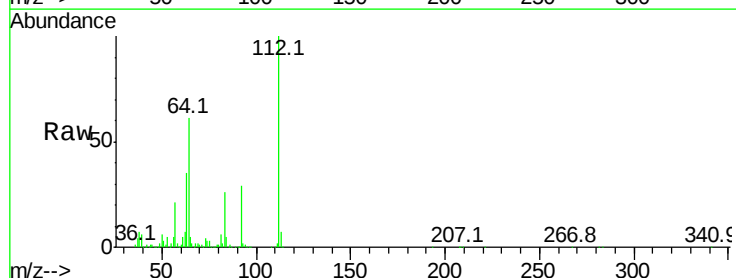
Tot Ion	152	Resp	157904
Ion	Ratio	Lower	Upper
152	100		
150	163.4	119.5	179.3
115	59.9	43.0	64.4

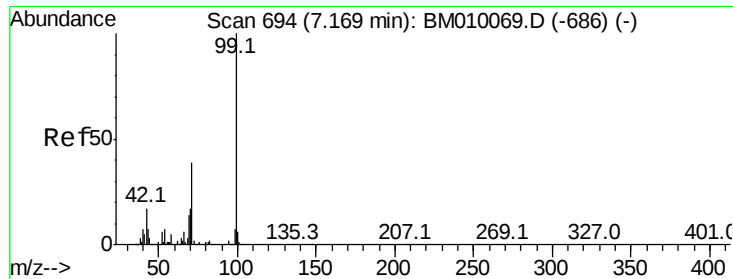


#5

2-Fluorophenol
Concen: 140.32 ng
RT: 5.55 min Scan# 418
Delta R.T. -0.01 min
Lab File: BM010105.D
Acq: 22 May 2017 16:47

Tgt Ion	112	Resp	1226964
Ion	Ratio	Lower	Upper
112	100		
64	61.1	38.6	57.8#
63	35.3	19.3	28.9#





#7

Phenol-d6

Concen: 131.09 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.02 min

Lab File: BM010105.D

Acq: 22 May 2017 16:47

Instrument :

BNA_M

ClientSampleId :

PB99106BL

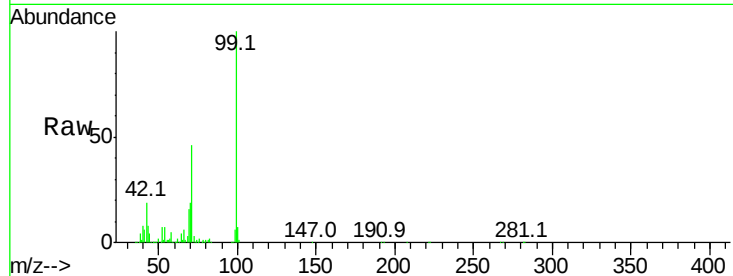
Tot Ion: 99 Resp: 1475007

Ion Ratio Lower Upper

99 100

42 18.9 11.0 16.4#

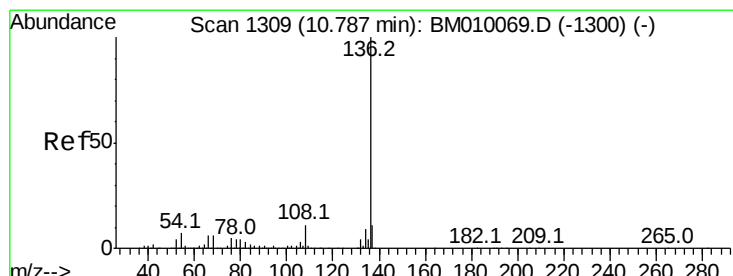
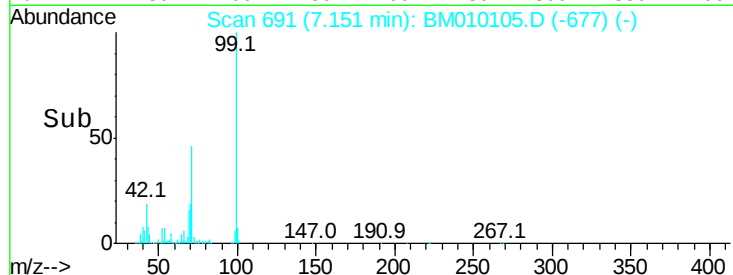
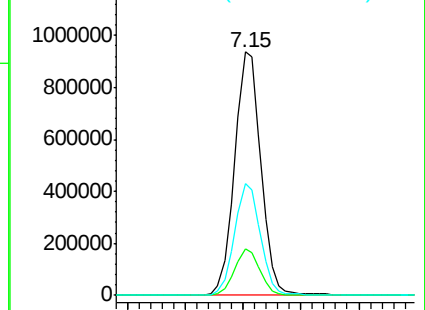
71 46.1 23.4 35.2#



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: 10.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BM010105.D

Acq: 22 May 2017 16:47

Tgt Ion: 136 Resp: 531155

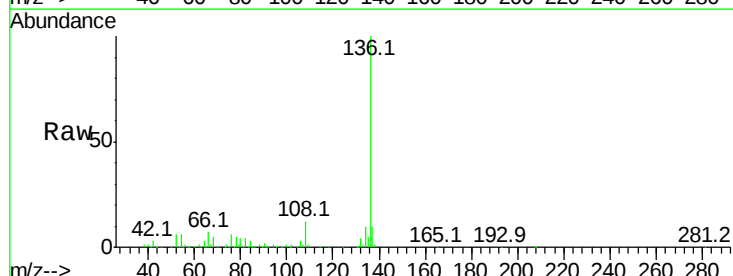
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 6.4 4.6 6.8

68 5.3 3.7 5.5

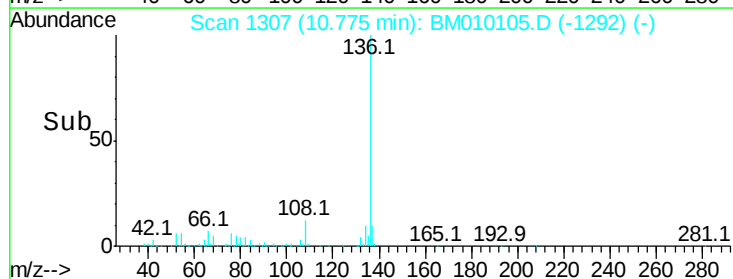
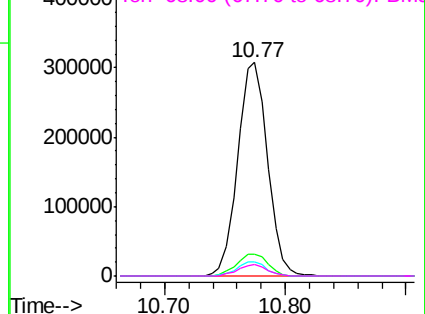


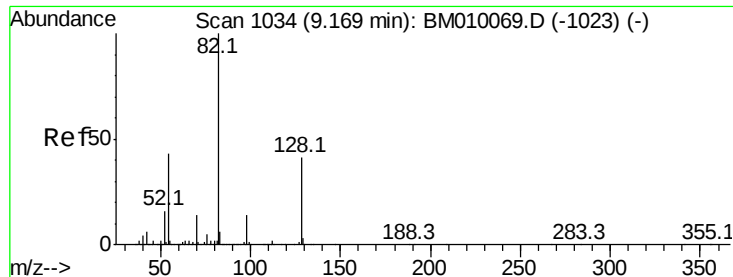
Abundance Ion 136.00 (135.70 to 136.70): BM010069.D (-1300) (-)

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) (-)

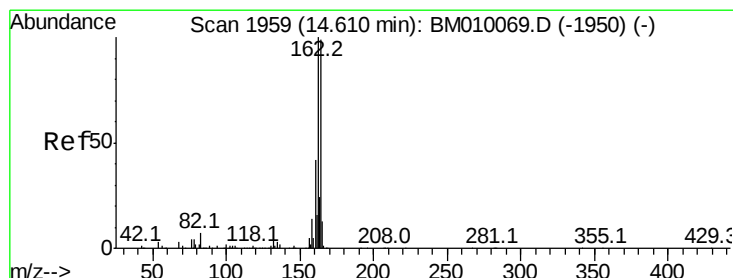
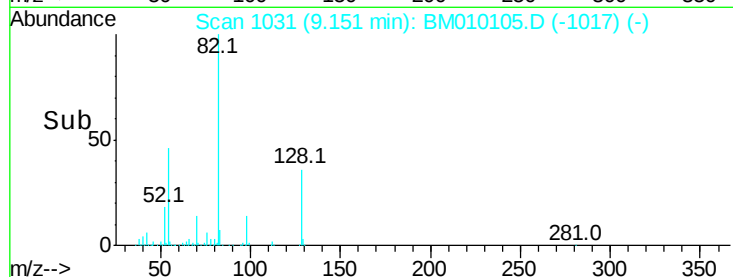
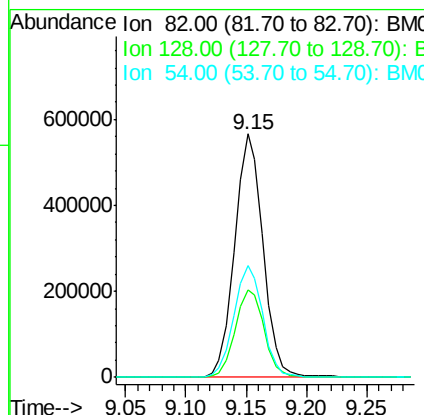
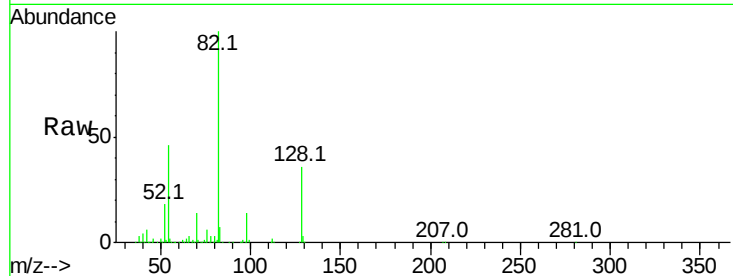




#23
 Nitrobenzene-d5
 Concen: 94.39 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BM010105.D
 Acq: 22 May 2017 16:47

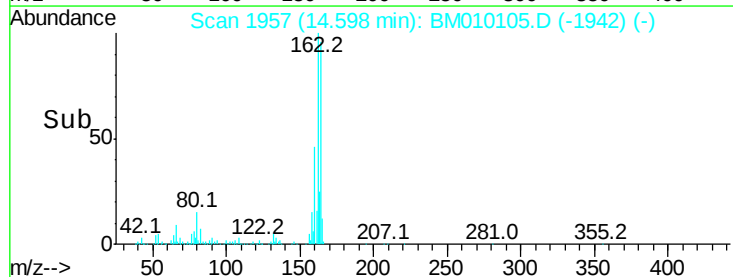
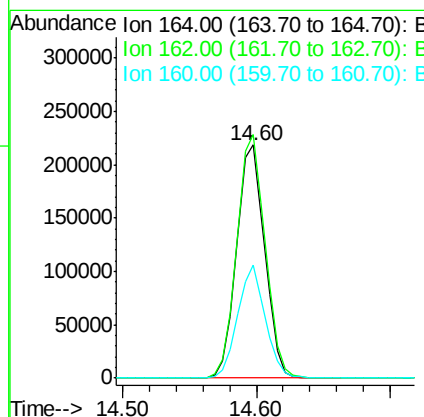
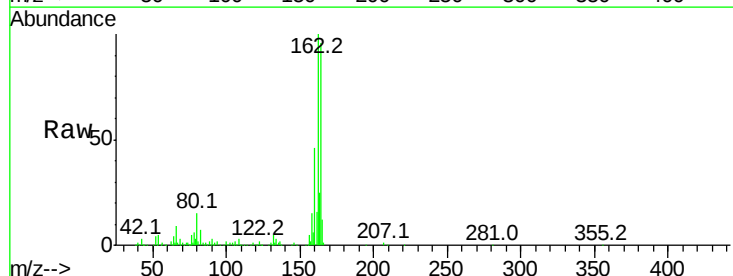
Instrument :
 BNA_M
 ClientSampleId :
 PB99106BL

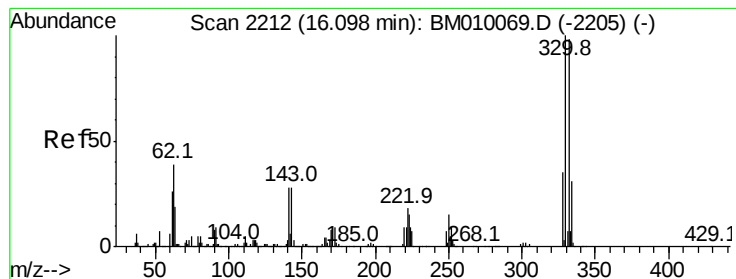
Tot Ion	82	Resp	929266
Ion Ratio	Lower	Upper	
82	100		
128	36.0	32.8	49.2
54	45.8	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BM010105.D
 Acq: 22 May 2017 16:47

Tgt Ion	164	Resp	319969
Ion Ratio	Lower	Upper	
164	100		
162	104.4	82.4	123.6
160	48.5	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 137.33 ng

RT: 16.09 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BM010105.D

Acq: 22 May 2017 16:47

Instrument :

BNA_M

ClientSampleId :

PB99106BL

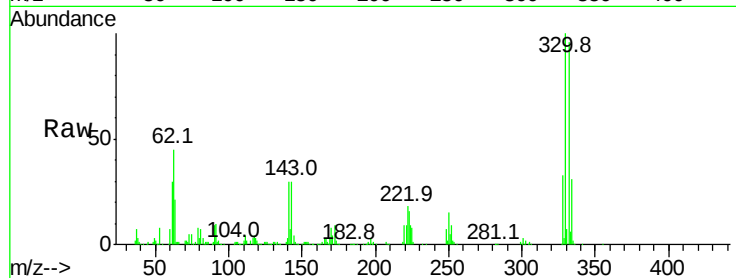
Tot Ion:330 Resp: 667354

Ion Ratio Lower Upper

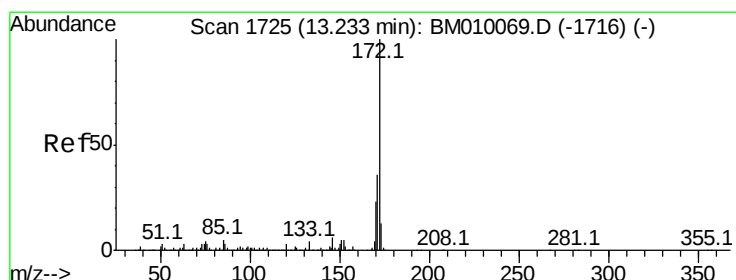
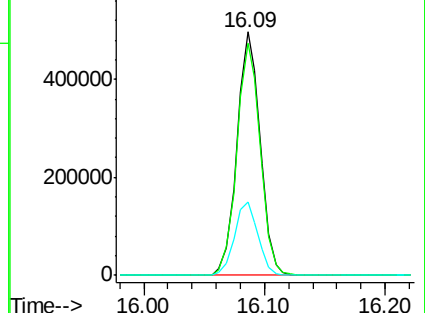
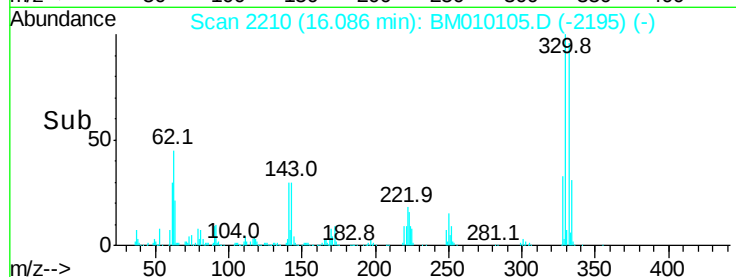
330 100

332 95.9 0.0 0.0#

141 30.6 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: 95.99 ng

RT: 13.22 min Scan# 1723

Delta R.T. -0.01 min

Lab File: BM010105.D

Acq: 22 May 2017 16:47

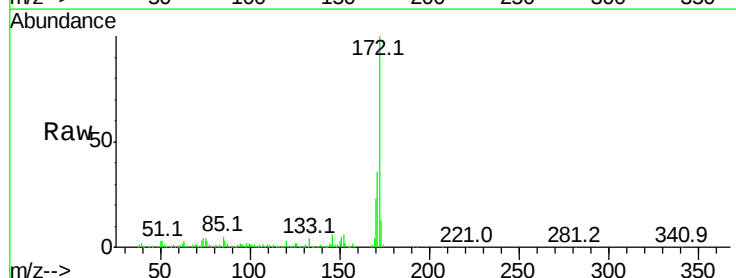
Tgt Ion:172 Resp: 2389199

Ion Ratio Lower Upper

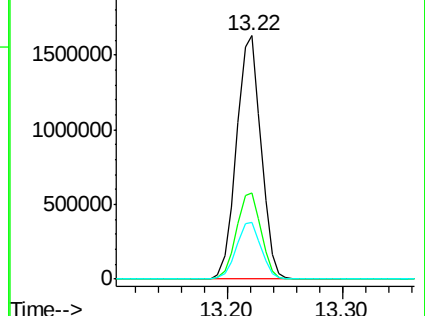
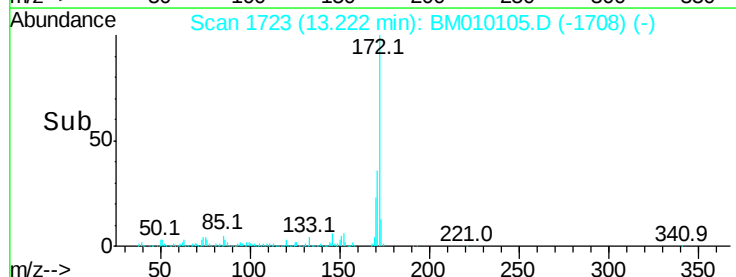
172 100

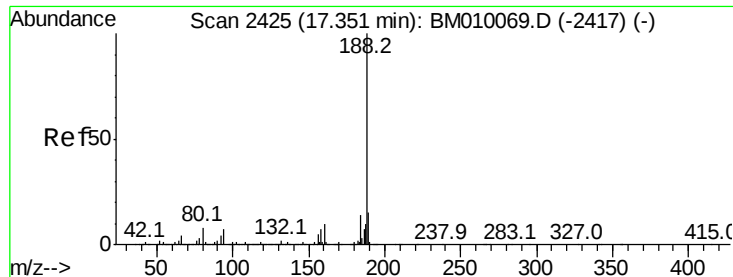
171 35.5 28.5 42.7

170 23.2 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: 17.34 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BM010105.D

Acq: 22 May 2017 16:47

Instrument :

BNA_M

ClientSampleId :

PB99106BL

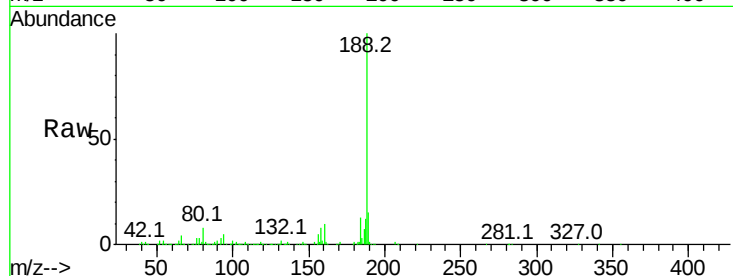
Tot Ion:188 Resp: 807317

Ion Ratio Lower Upper

188 100

94 5.5 8.7 13.1#

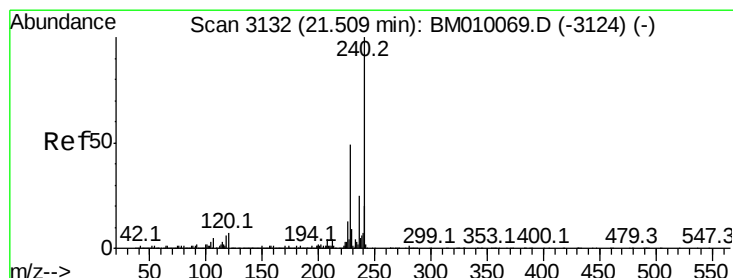
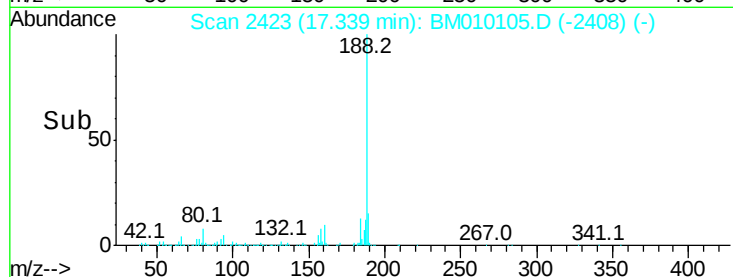
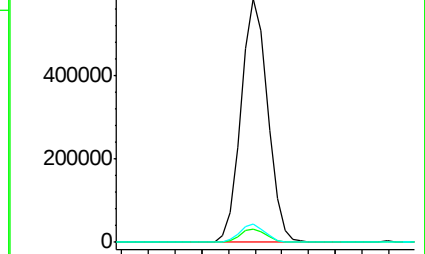
80 7.8 9.3 13.9#



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: 21.50 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM010105.D

Acq: 22 May 2017 16:47

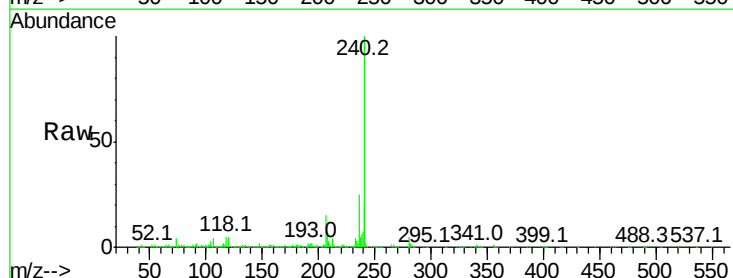
Tgt Ion:240 Resp: 1199874

Ion Ratio Lower Upper

240 100

120 5.5 8.2 12.2#

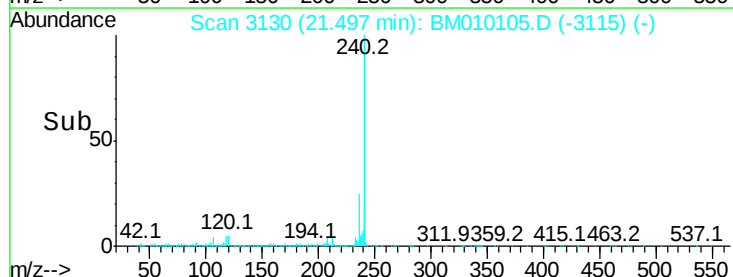
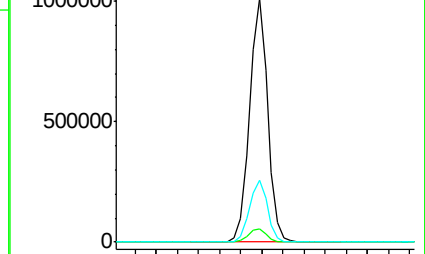
236 25.4 20.0 30.0

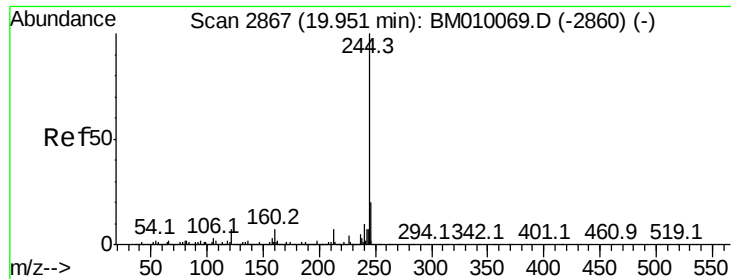


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.70 ng

RT: 19.94 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BM010105.D

Acq: 22 May 2017 16:47

Instrument :

BNA_M

ClientSampleId :

PB99106BL

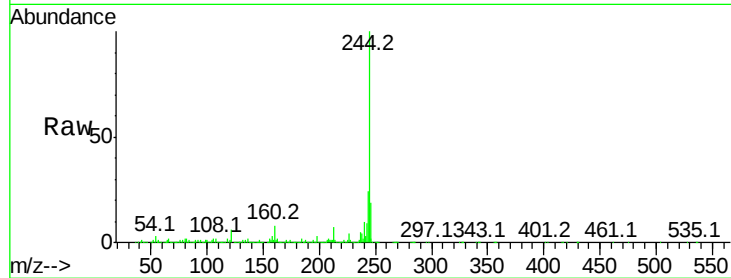
Tot Ion:244 Resp: 4364068

Ion Ratio Lower Upper

244 100

212 7.2 4.9 7.3

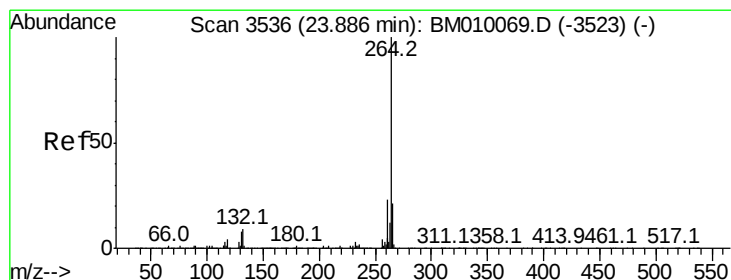
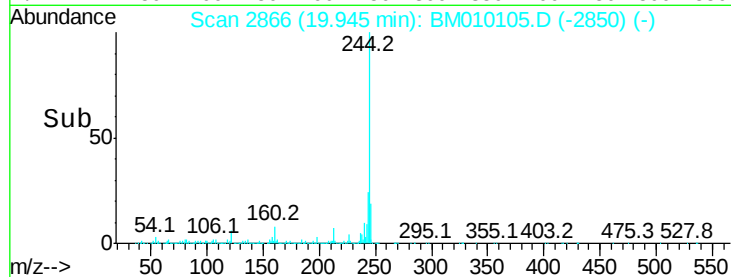
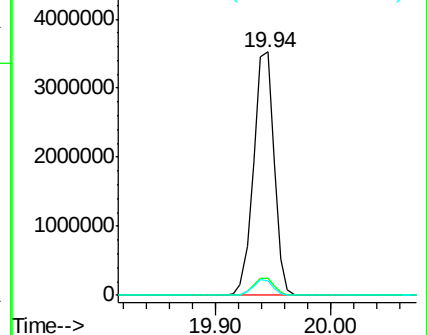
122 6.2 6.2 9.4#



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: 23.87 min Scan# 3533

Delta R.T. -0.02 min

Lab File: BM010105.D

Acq: 22 May 2017 16:47

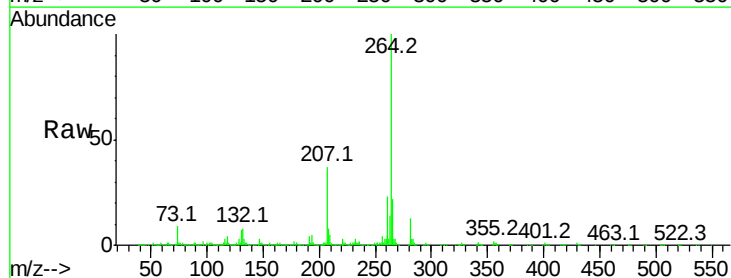
Tgt Ion:264 Resp: 1297347

Ion Ratio Lower Upper

264 100

260 22.6 18.6 27.8

265 22.5 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

