

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
 Data File : BM010100.D
 Acq On : 22 May 2017 13:48
 Operator : SJ/MA
 Sample : I3235-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TW1-TW2

Quant Time: May 23 05:57:55 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

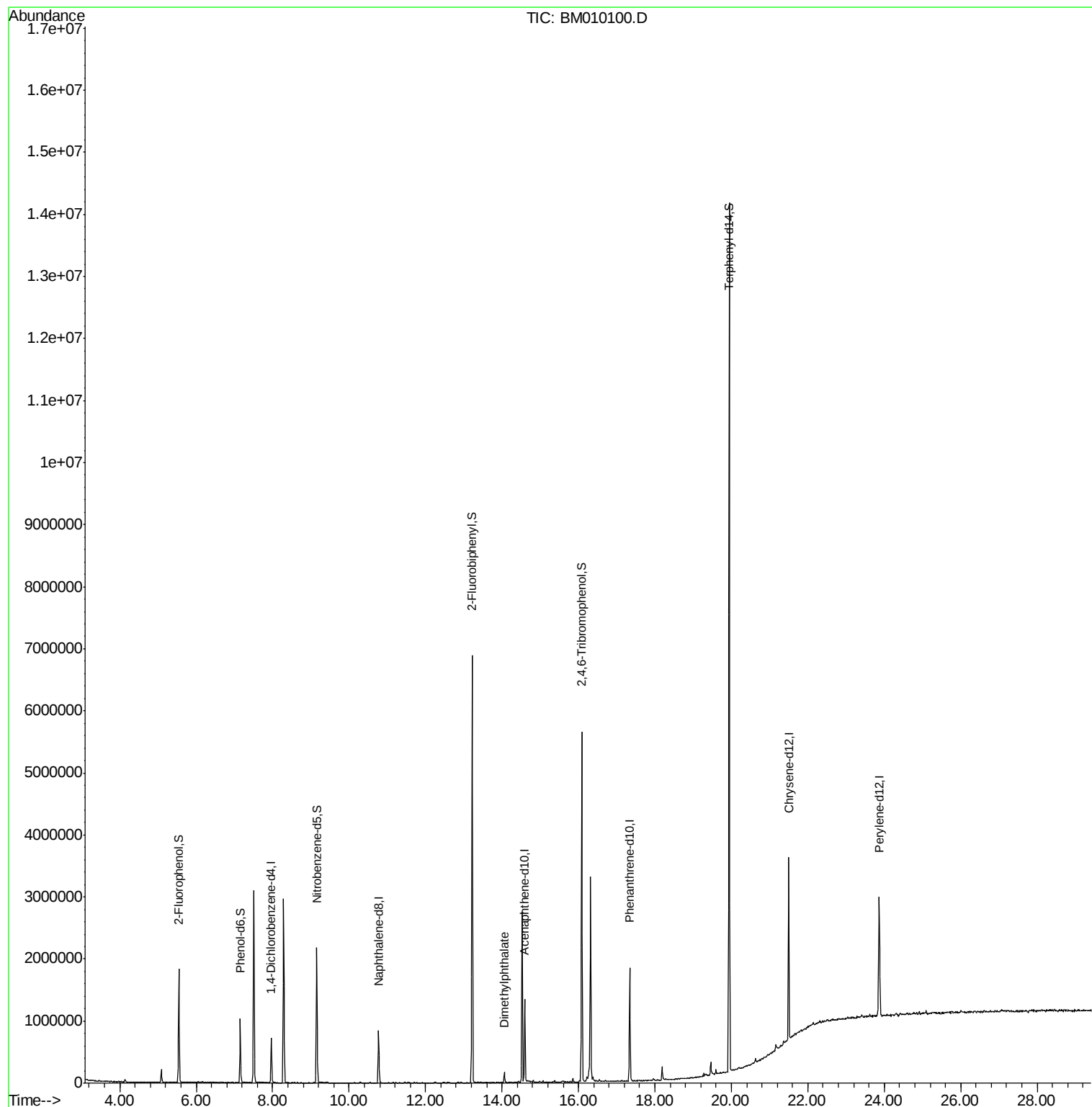
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	185708	20.00	ng	-0.01
21) Naphthalene-d8	10.77	136	640346	20.00	ng	-0.01
38) Acenaphthene-d10	14.60	164	417759	20.00	ng	-0.01
63) Phenanthrene-d10	17.34	188	1041076	20.00	ng	-0.01
75) Chrysene-d12	21.50	240	1500944	20.00	ng	-0.01
86) Perylene-d12	23.87	264	1585239	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	668836	65.04	ng	-0.01
7) Phenol-d6	7.15	99	522707	39.50	ng	-0.02
23) Nitrobenzene-d5	9.15	82	1244924	104.89	ng	-0.02
41) 2,4,6-Tribromophenol	16.09	330	972236	153.23	ng	-0.01
44) 2-Fluorobiphenyl	13.22	172	3354916	103.24	ng	-0.01
78) Terphenyl-d14	19.94	244	6004143	90.96	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.06	163	100310	2.69	ng	Qvalue # 99

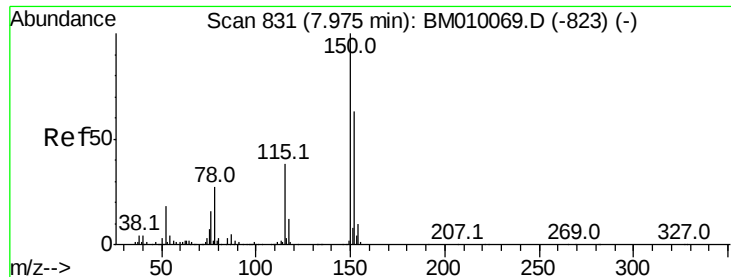
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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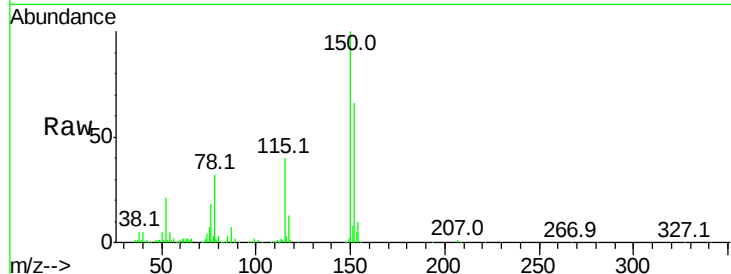


#1

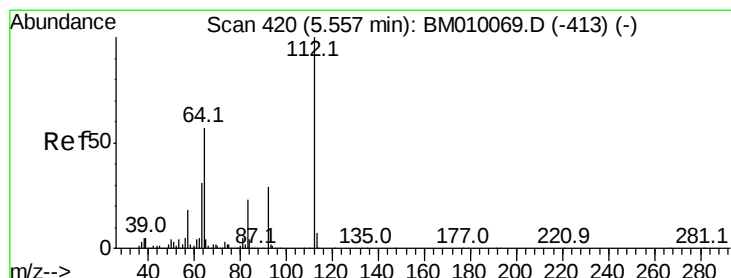
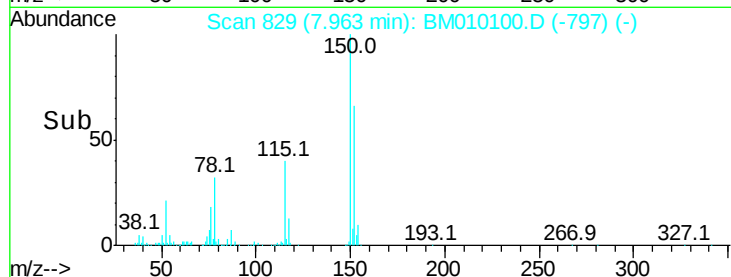
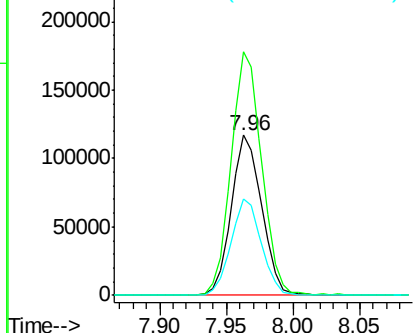
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BM010100.D
Acq: 22 May 2017 13:48

Instrument :
BNA_M
ClientSampleId :
TW1-TW2

Tot Ion	152	Resp	185708
Ion	Ratio	Lower	Upper
152	100		
150	151.9	119.5	179.3
115	60.4	43.0	64.4



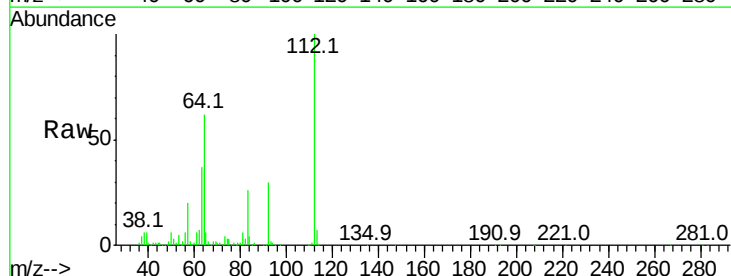
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



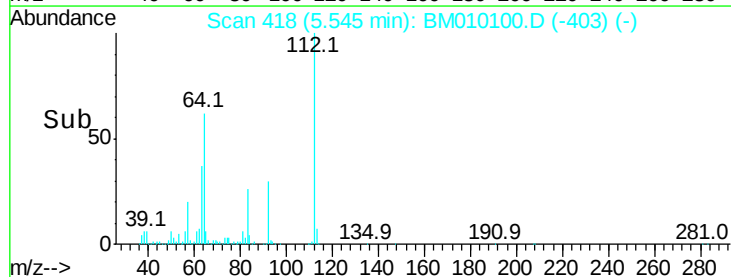
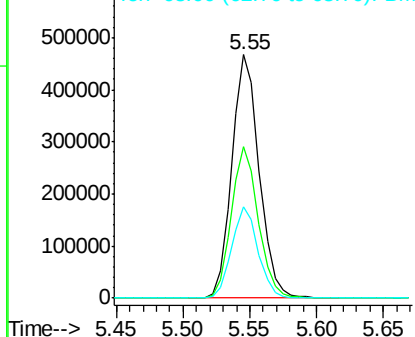
#5

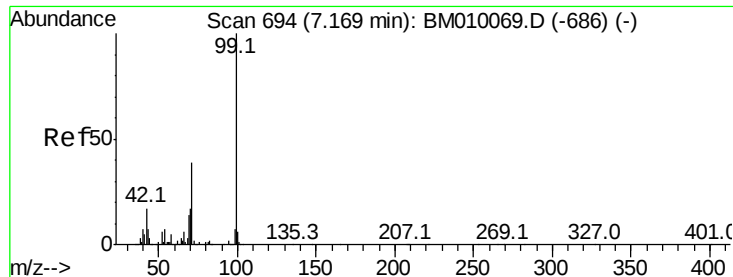
2-Fluorophenol
Concen: 65.04 ng
RT: 5.55 min Scan# 418
Delta R.T. -0.01 min
Lab File: BM010100.D
Acq: 22 May 2017 13:48

Tgt Ion	112	Resp	668836
Ion	Ratio	Lower	Upper
112	100		
64	62.1	38.6	57.8#
63	37.4	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: 39.50 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.02 min

Lab File: BM010100.D

Acq: 22 May 2017 13:48

Instrument :

BNA_M

ClientSampleId :

TW1-TW2

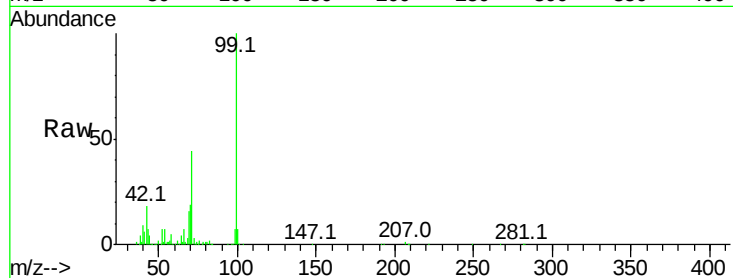
Tot Ion: 99 Resp: 522707

Ion Ratio Lower Upper

99 100

42 18.3 11.0 16.4#

71 43.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010100.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010100.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010100.D (-686) (-)

7.15

400000

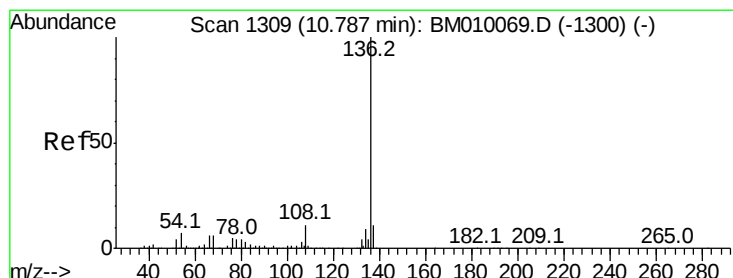
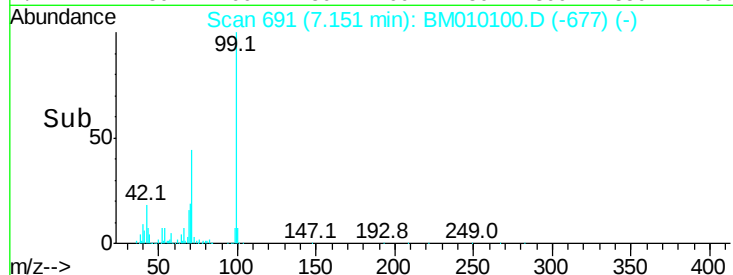
300000

200000

100000

0

Time--> 7.05 7.10 7.15 7.20 7.25



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BM010100.D

Acq: 22 May 2017 13:48

Tgt Ion: 136 Resp: 640346

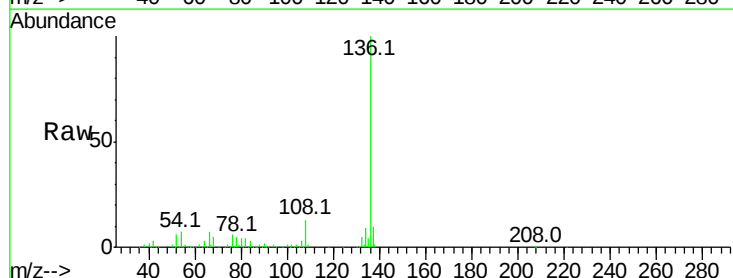
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 6.6 4.6 6.8

68 4.7 3.7 5.5



Abundance Ion 136.00 (135.70 to 136.70): BM010100.D (-1292) (-)

Ion 137.00 (136.70 to 137.70): BM010100.D (-1292) (-)

Ion 54.00 (53.70 to 54.70): BM010100.D (-1292) (-)

Ion 68.00 (67.70 to 68.70): BM010100.D (-1292) (-)

10.77

600000

500000

400000

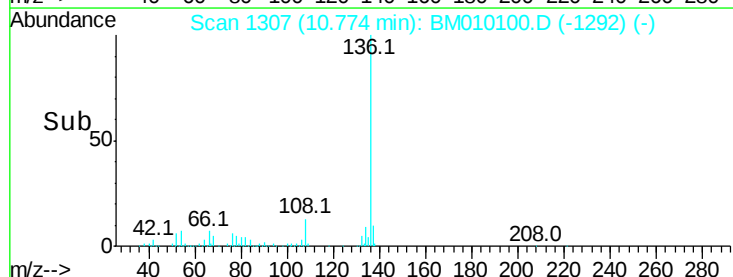
300000

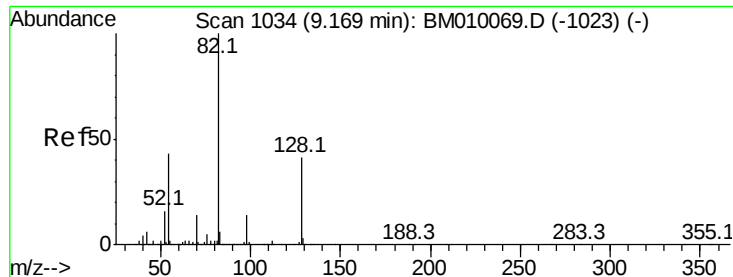
200000

100000

0

Time--> 10.70 10.80

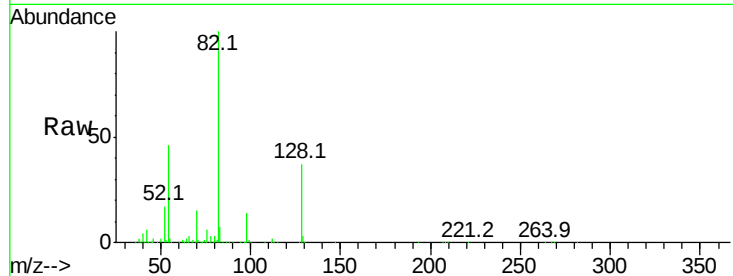




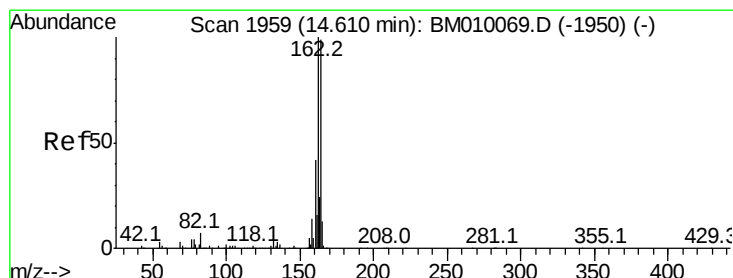
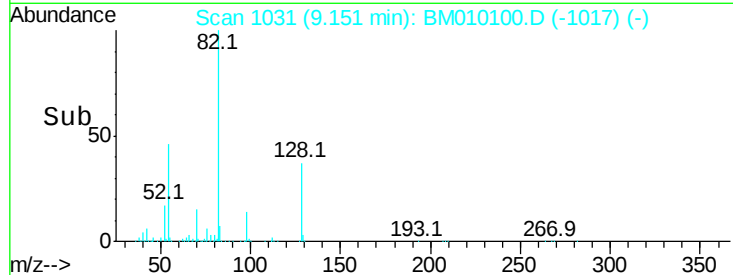
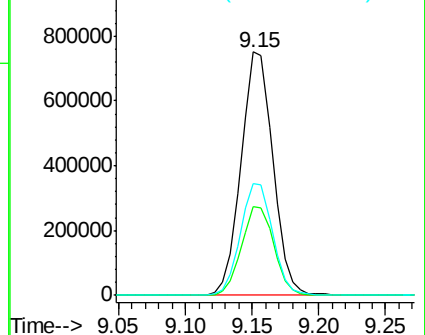
#23
 Nitrobenzene-d5
 Concen: 104.89 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BM010100.D
 Acq: 22 May 2017 13:48

Instrument :
 BNA_M
 ClientSampleId :
 TW1-TW2

Tot Ion: 82 Resp: 1244924
 Ion Ratio Lower Upper
 82 100
 128 36.6 32.8 49.2
 54 45.7 40.6 60.8

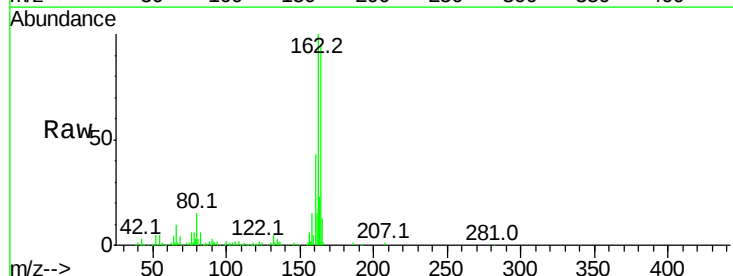


Abundance Ion 82.00 (81.70 to 82.70): BM010100.D (-1023) (-)
 Ion 128.00 (127.70 to 128.70): BM010100.D (-1023) (-)
 Ion 54.00 (53.70 to 54.70): BM010100.D (-1023) (-)

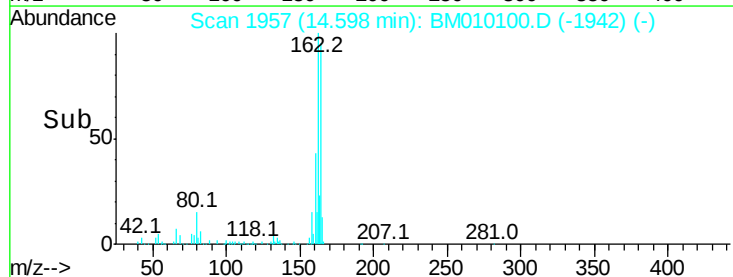
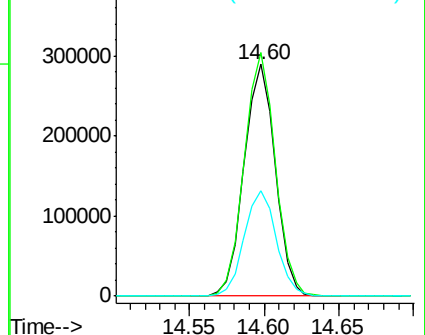


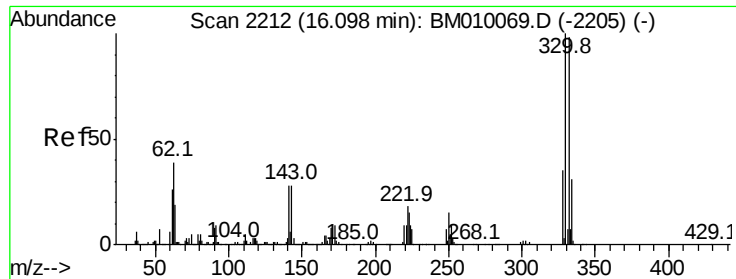
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BM010100.D
 Acq: 22 May 2017 13:48

Tgt Ion: 164 Resp: 417759
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.4 123.6
 160 45.5 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM010100.D (-1942) (-)
 Ion 162.00 (161.70 to 162.70): BM010100.D (-1942) (-)
 Ion 160.00 (159.70 to 160.70): BM010100.D (-1942) (-)

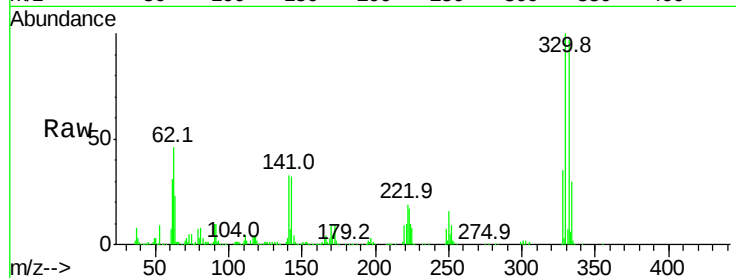




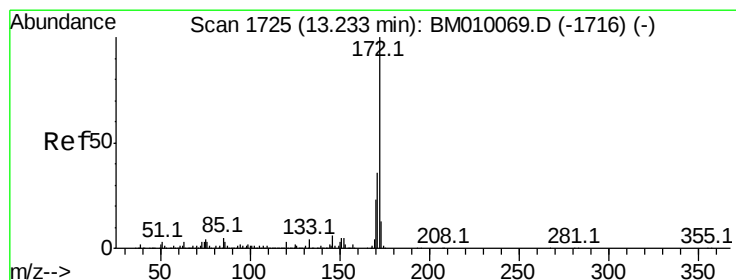
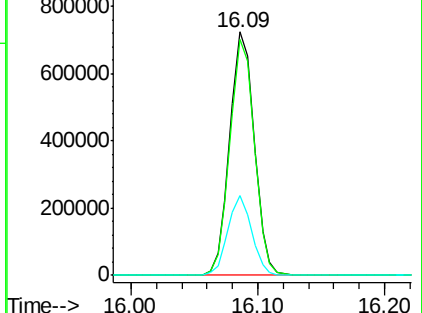
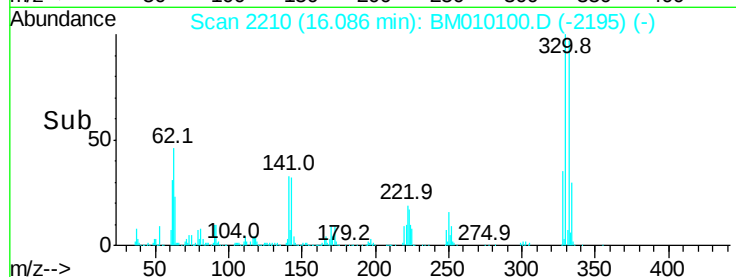
#41
 2,4,6-Tribromophenol
 Concen: 153.23 ng
 RT: 16.09 min Scan# 2210
 Delta R.T. -0.01 min
 Lab File: BM010100.D
 Acq: 22 May 2017 13:48

Instrument :
 BNA_M
 ClientSampleId :
 TW1-TW2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	31.7	0.0	0.0#

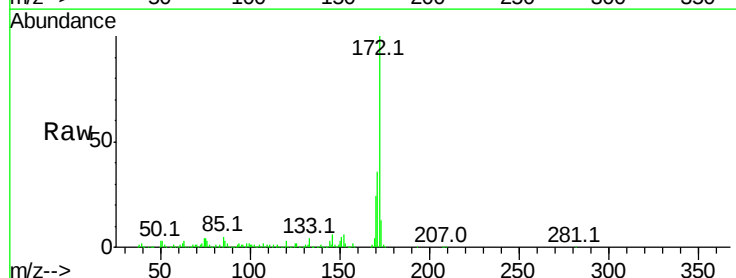


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

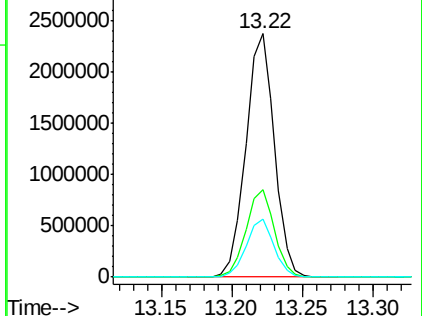
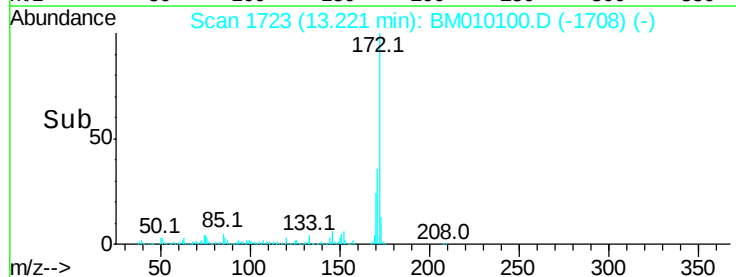


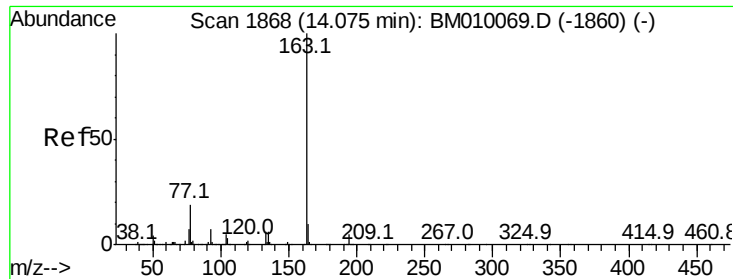
#44
 2-Fluorobiphenyl
 Concen: 103.24 ng
 RT: 13.22 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BM010100.D
 Acq: 22 May 2017 13:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	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





#49

Dimethylphthalate

Concen: 2.69 ng

RT: 14.06 min Scan# 1865

Delta R.T. -0.02 min

Lab File: BM010100.D

Acq: 22 May 2017 13:48

Instrument :

BNA_M

ClientSampleId :

TW1-TW2

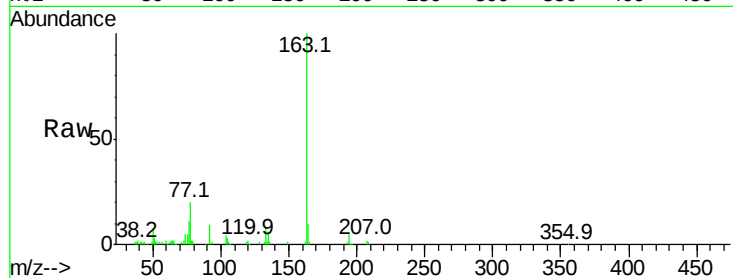
Tot Ion:163 Resp: 100310

Ion Ratio Lower Upper

163 100

194 4.7 2.7 4.1#

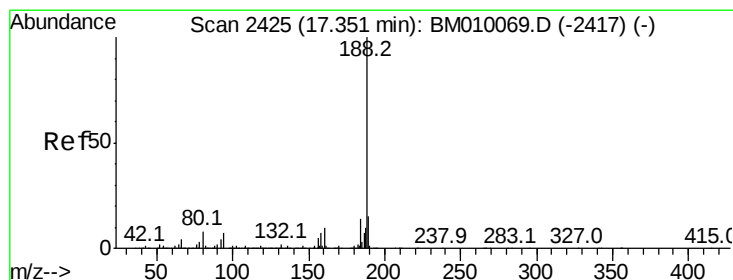
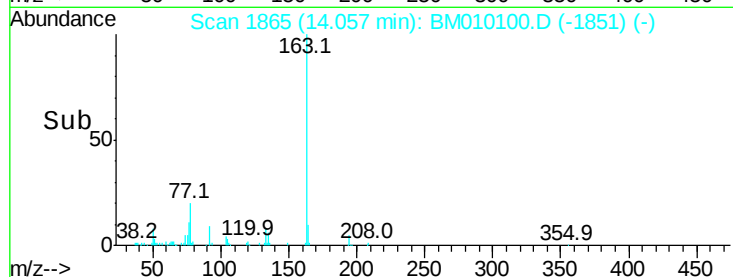
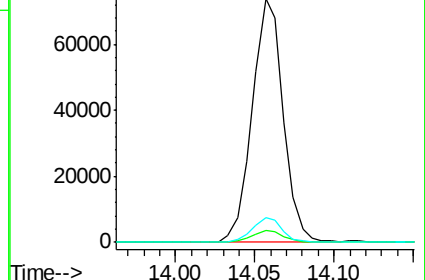
164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.34 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BM010100.D

Acq: 22 May 2017 13:48

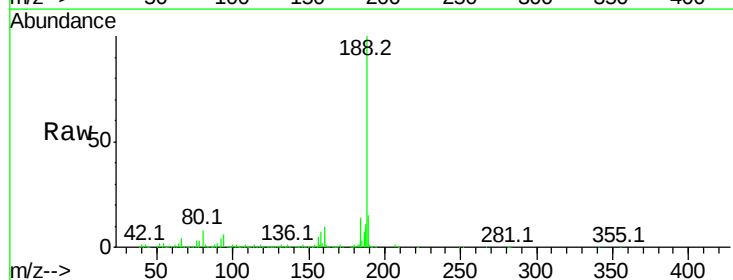
Tgt Ion:188 Resp: 1041076

Ion Ratio Lower Upper

188 100

94 6.1 8.7 13.1#

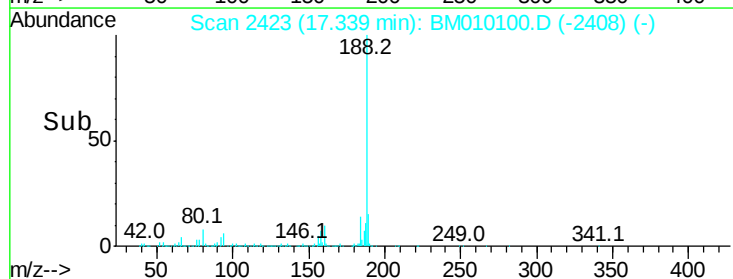
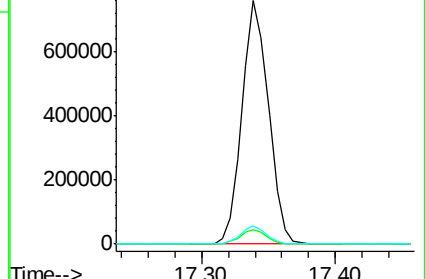
80 7.7 9.3 13.9#

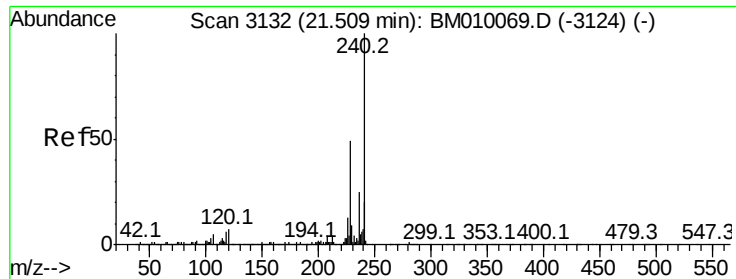


Abundance Ion 188.00 (187.70 to 188.70): E

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: BM010100.D

Acq: 22 May 2017 13:48

Instrument :

BNA_M

ClientSampleId :

TW1-TW2

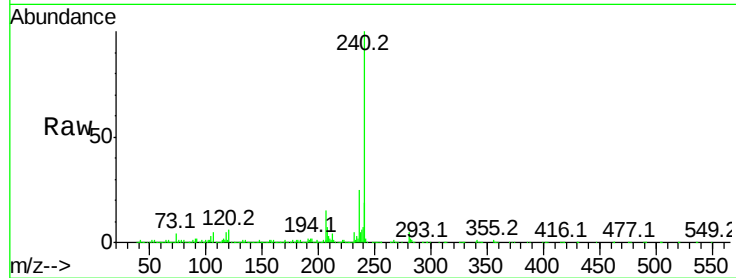
Tot Ion:240 Resp: 1500944

Ion	Ratio	Lower	Upper
240	100		
120	5.9	8.2	12.2#
236	25.2	20.0	30.0

240 100

120 5.9 8.2 12.2#

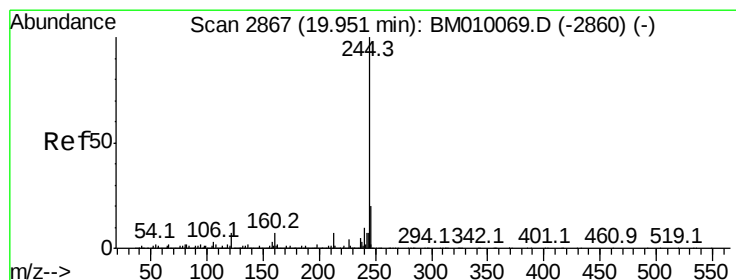
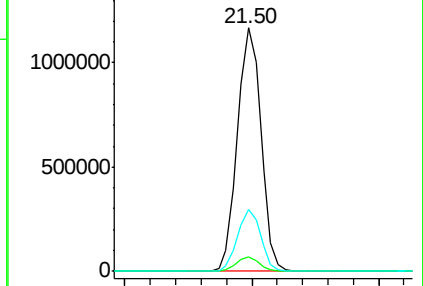
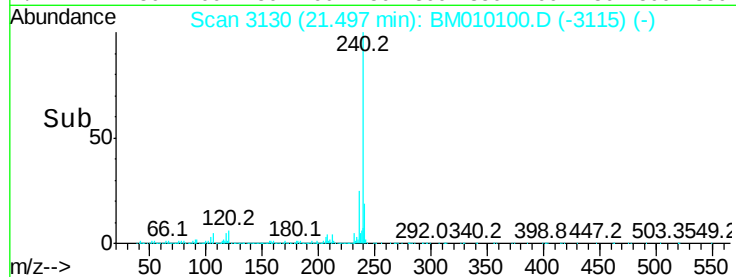
236 25.2 20.0 30.0



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: 90.96 ng

RT: 19.94 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BM010100.D

Acq: 22 May 2017 13:48

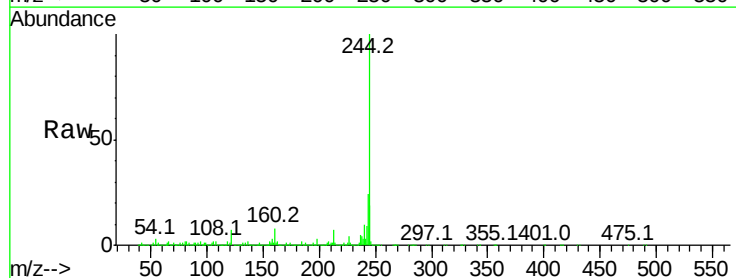
Tgt Ion:244 Resp: 6004143

Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.9	7.3
122	6.5	6.2	9.4

244 100

212 7.3 4.9 7.3

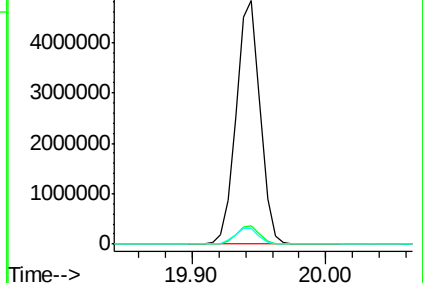
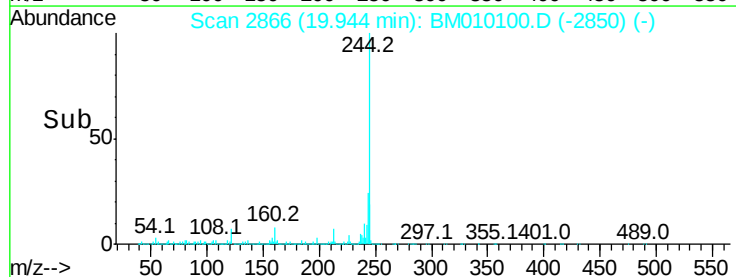
122 6.5 6.2 9.4

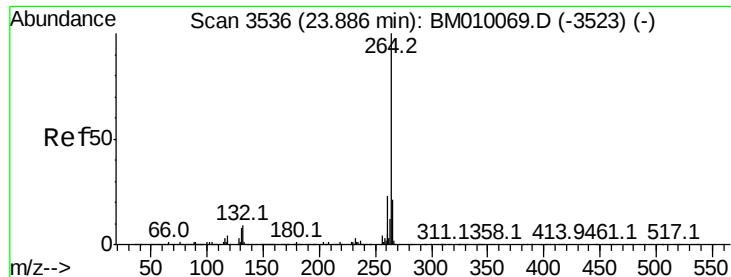


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.87 min Scan# 3533
Delta R.T. -0.02 min
Lab File: BM010100.D
Acq: 22 May 2017 13:48

Instrument :
BNA_M
ClientSampleId :
TW1-TW2

Tot Ion:264 Resp: 1585239

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	22.1	17.3	25.9

