

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010210.D
 Acq On : 25 May 2017 10:14
 Operator : SJ/MA
 Sample : I3290-10RE
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-2RE

Quant Time: May 25 13:34:52 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	111264	20.00	ng	-0.03
21) Naphthalene-d8	10.75	136	368938	20.00	ng	-0.04
38) Acenaphthene-d10	14.58	164	145238	20.00	ng	-0.03
63) Phenanthrene-d10	17.32	188	551793	20.00	ng	-0.03
75) Chrysene-d12	21.49	240	413734	20.00	ng	-0.02
86) Perylene-d12	23.84	264	27061	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	939532	152.49	ng	-0.03
7) Phenol-d6	7.13	99	850281	107.25	ng	-0.04
23) Nitrobenzene-d5	9.13	82	821754	120.17	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	597524	270.88	ng	-0.03
44) 2-Fluorobiphenyl	13.20	172	2056985	182.07	ng	-0.04
78) Terphenyl-d14	19.93	244	3623484	199.14	ng	-0.02

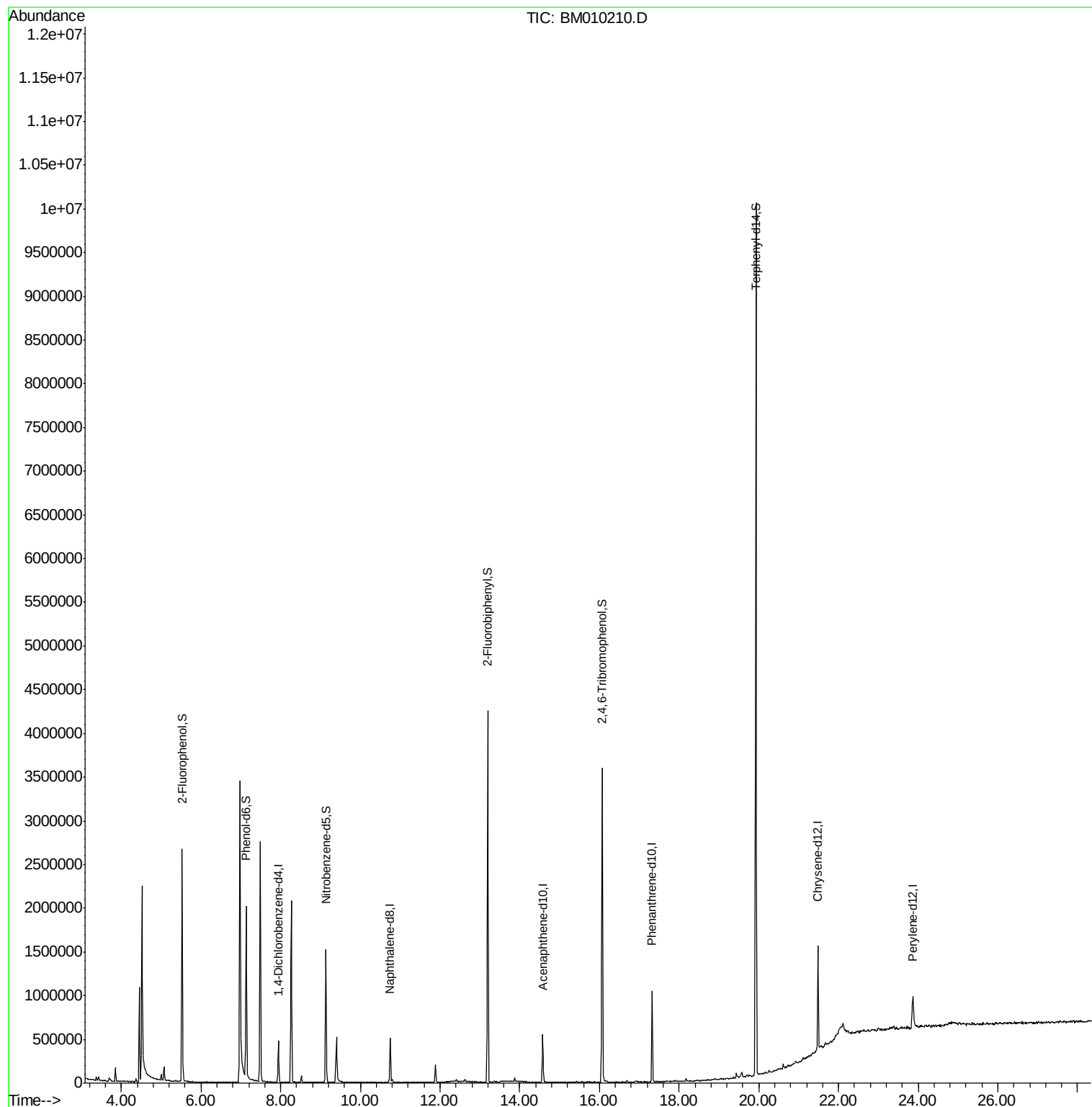
Target Compounds Qvalue

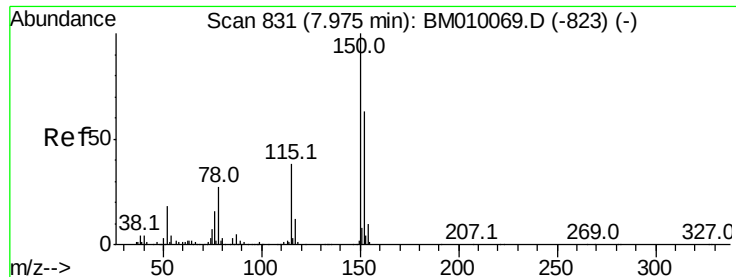
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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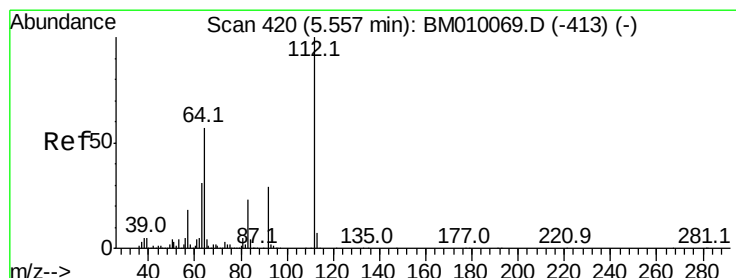
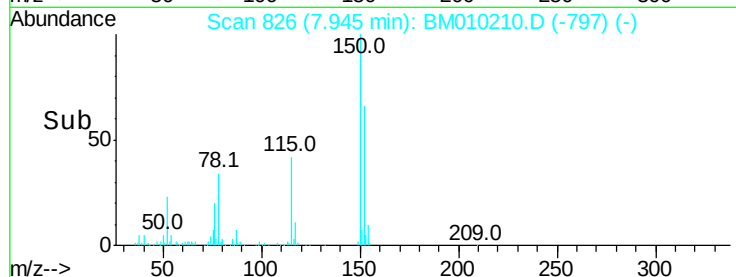
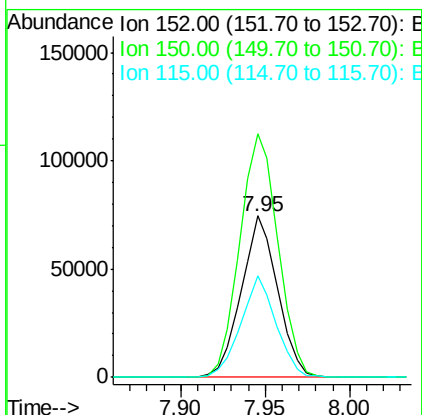
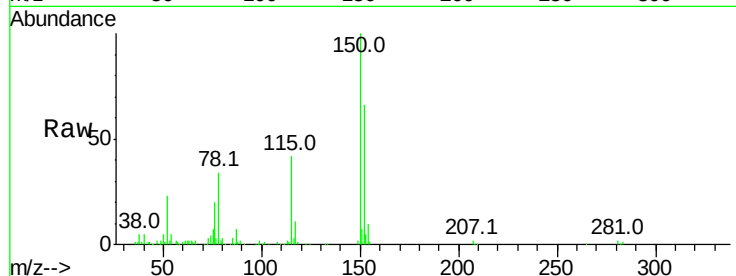


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 826
Delta R.T. -0.03 min
Lab File: BM010210.D
Acq: 25 May 2017 10:14

Instrument :
BNA_M
ClientSampleId :
TP-2RE

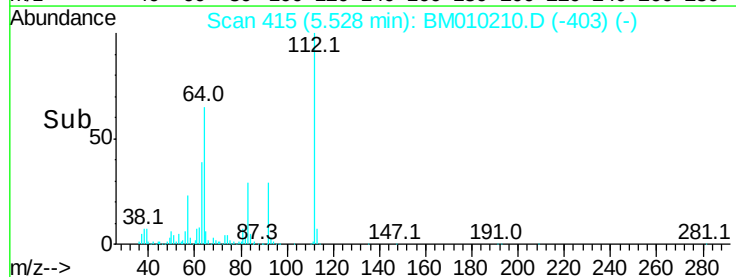
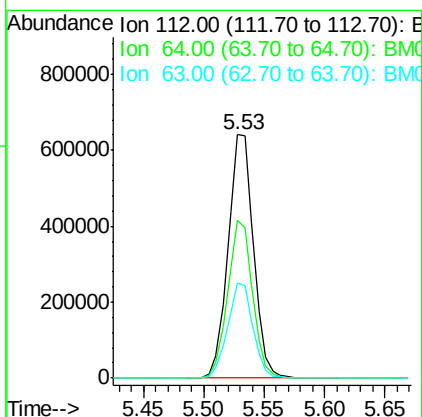
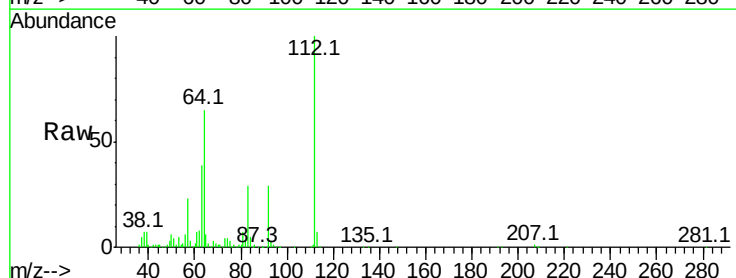
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	119.5	179.3
115	63.0	43.0	64.4

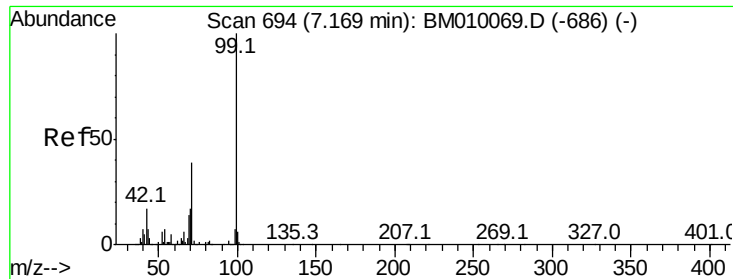


#5

2-Fluorophenol
Concen: 152.49 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.03 min
Lab File: BM010210.D
Acq: 25 May 2017 10:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	38.6	57.8#
63	39.1	19.3	28.9#





#7

Phenol-d6

Concen: 107.25 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.04 min

Lab File: BM010210.D

Acq: 25 May 2017 10:14

Instrument :

BNA_M

ClientSampleId :

TP-2RE

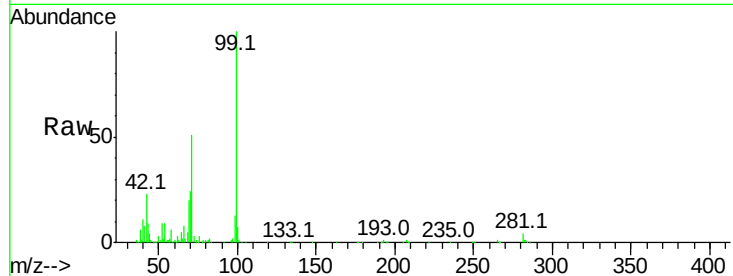
Tot Ion: 99 Resp: 850281

Ion Ratio Lower Upper

99 100

42 22.8 11.0 16.4#

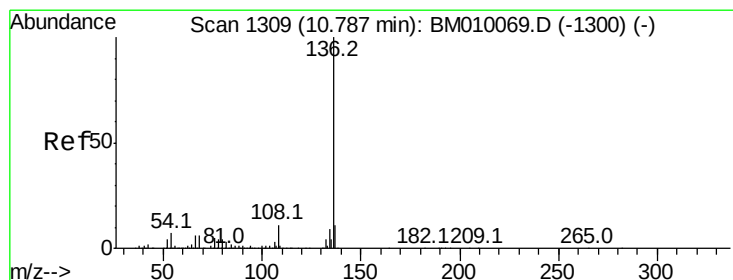
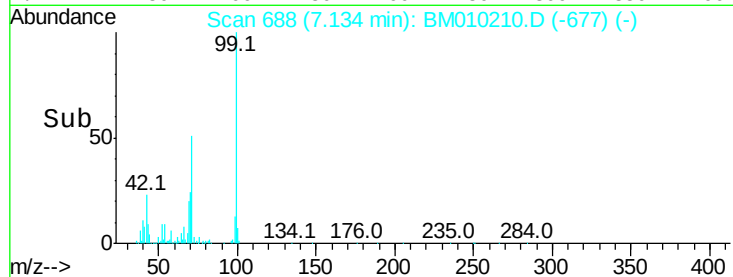
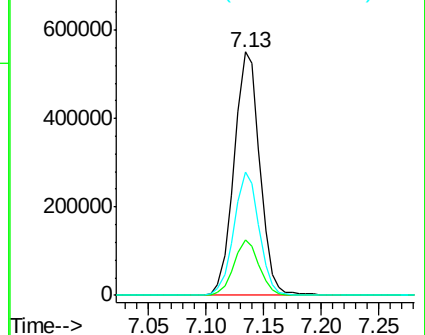
71 50.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010210.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010210.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010210.D (-686) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.75 min Scan# 1303

Delta R.T. -0.04 min

Lab File: BM010210.D

Acq: 25 May 2017 10:14

Tgt Ion: 136 Resp: 368938

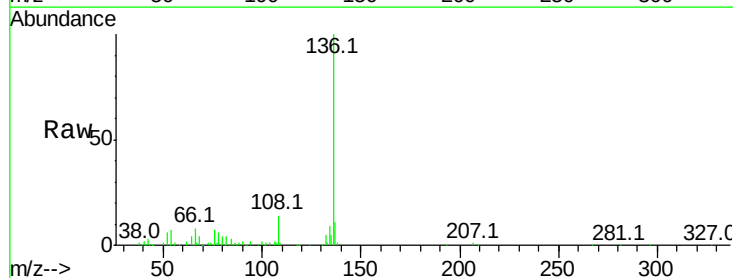
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.2 4.6 6.8#

68 4.2 3.7 5.5

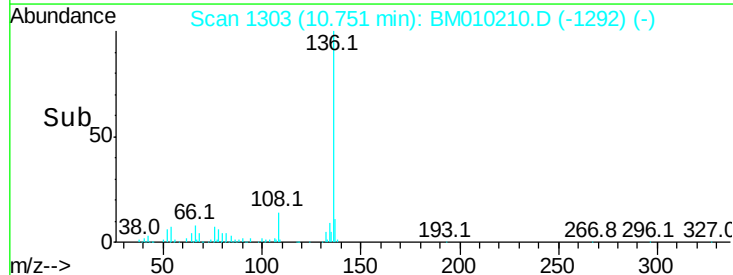
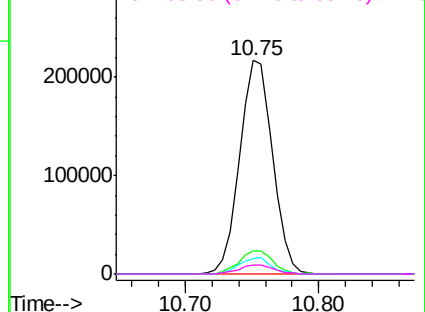


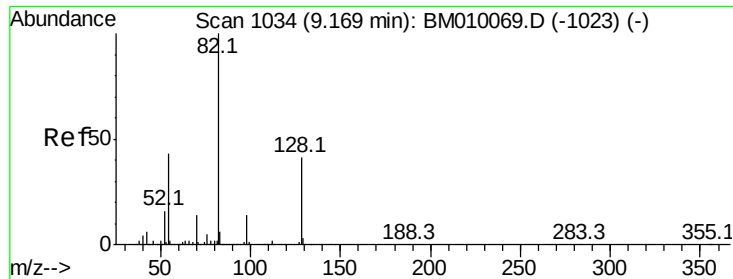
Abundance Ion 136.00 (135.70 to 136.70): BM010210.D (-1292) (-)

Ion 137.00 (136.70 to 137.70): BM010210.D (-1292) (-)

Ion 54.00 (53.70 to 54.70): BM010210.D (-1292) (-)

Ion 68.00 (67.70 to 68.70): BM010210.D (-1292) (-)

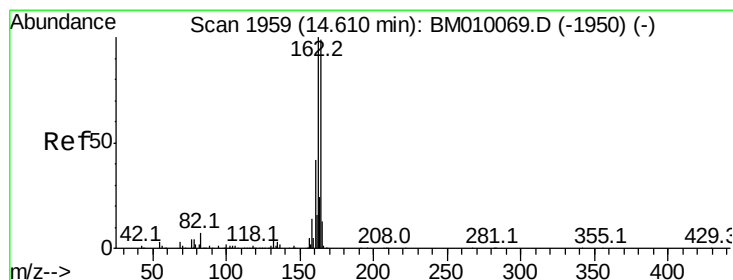
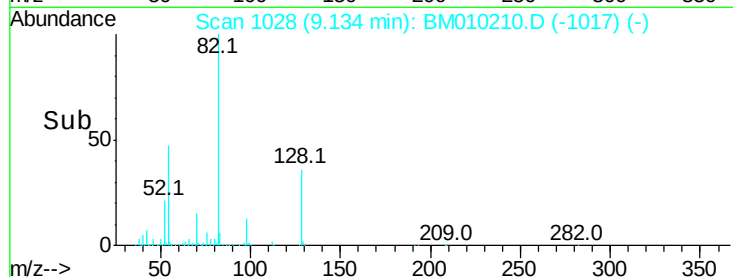
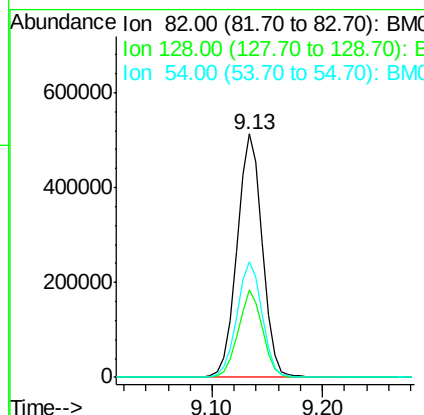
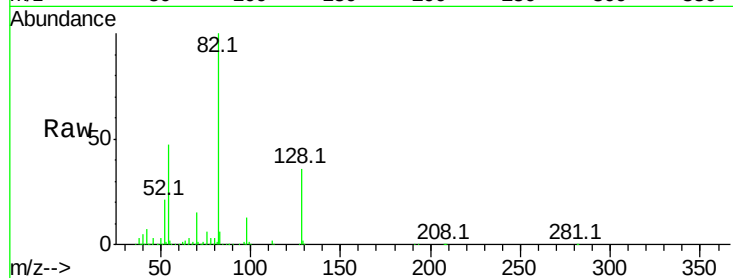




#23
 Nitrobenzene-d5
 Concen: 120.17 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BM010210.D
 Acq: 25 May 2017 10:14

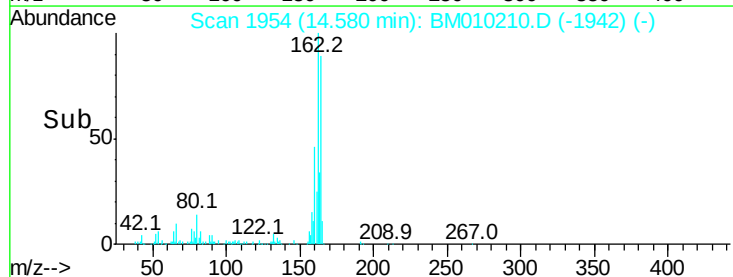
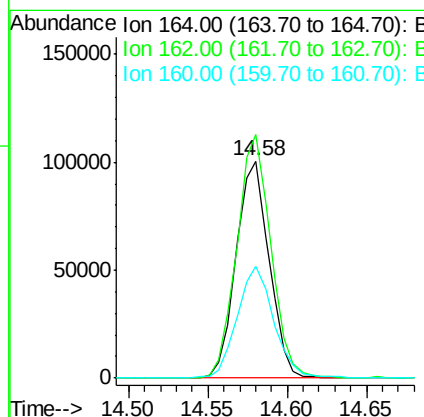
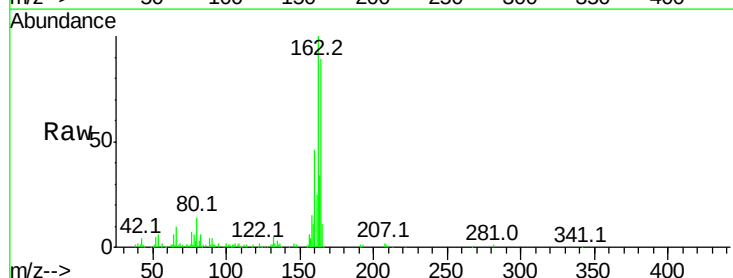
Instrument :
 BNA_M
 ClientSampleId :
 TP-2RE

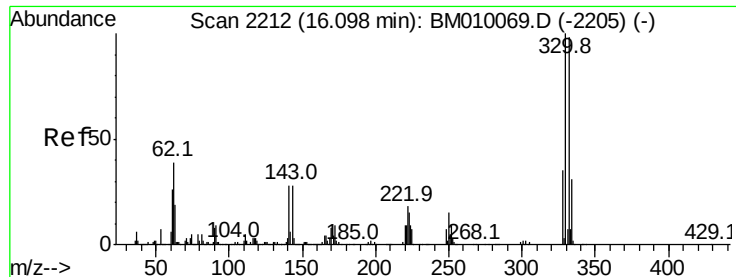
Tot Ion	82	Resp	821754
Ion Ratio	Lower	Upper	
82	100		
128	36.0	32.8	49.2
54	47.5	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.58 min Scan# 1954
 Delta R.T. -0.03 min
 Lab File: BM010210.D
 Acq: 25 May 2017 10:14

Tgt Ion	164	Resp	145238
Ion Ratio	Lower	Upper	
164	100		
162	112.2	82.4	123.6
160	51.3	35.8	53.6

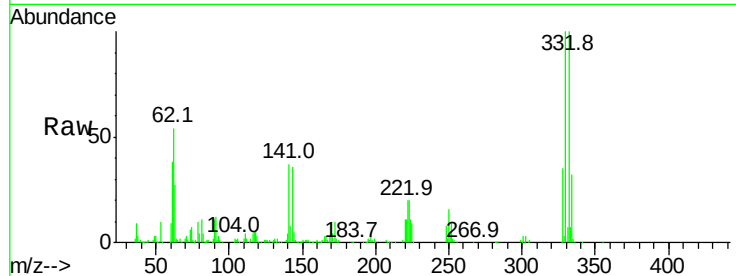




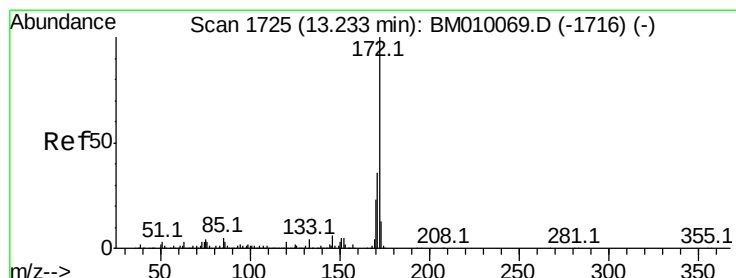
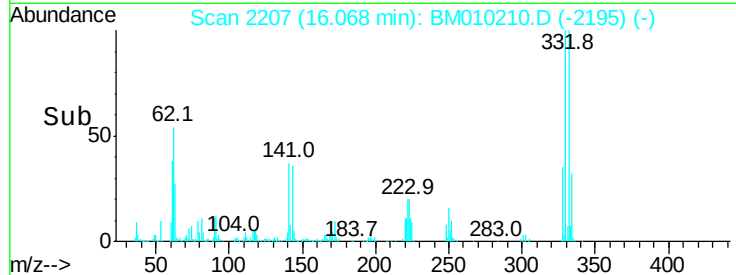
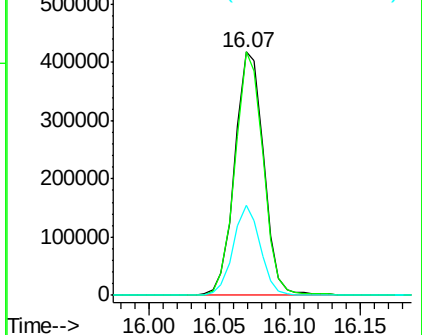
#41
2,4,6-Tribromophenol
Concen: 270.88 ng
RT: 16.07 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BM010210.D
Acq: 25 May 2017 10:14

Instrument :
BNA_M
ClientSampled :
TP-2RE

Tot Ion:330 Resp: 597524
Ion Ratio Lower Upper
330 100
332 97.1 0.0 0.0#
141 34.8 0.0 0.0#

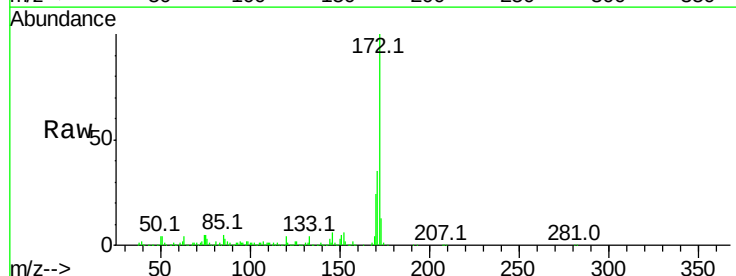


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

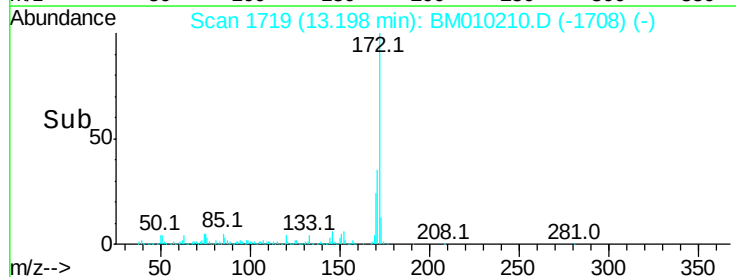
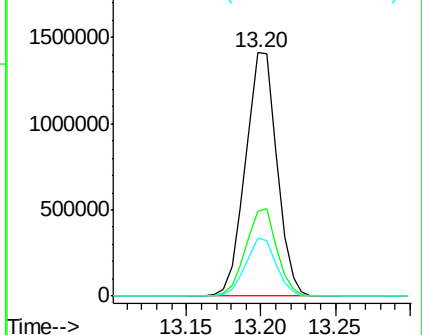


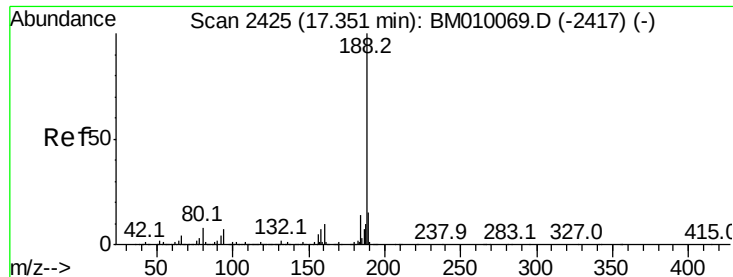
#44
2-Fluorobiphenyl
Concen: 182.07 ng
RT: 13.20 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BM010210.D
Acq: 25 May 2017 10:14

Tgt Ion:172 Resp: 2056985
Ion Ratio Lower Upper
172 100
171 35.1 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# 2420

Delta R.T. -0.03 min

Lab File: BM010210.D

Acq: 25 May 2017 10:14

Instrument :

BNA_M

ClientSampled :

TP-2RE

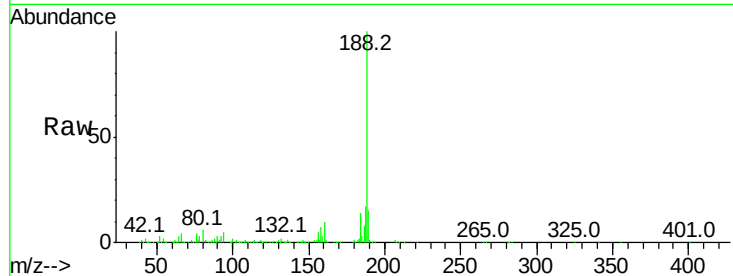
Tot Ion:188 Resp: 551793

Ion Ratio Lower Upper

188 100

94 5.2 8.7 13.1#

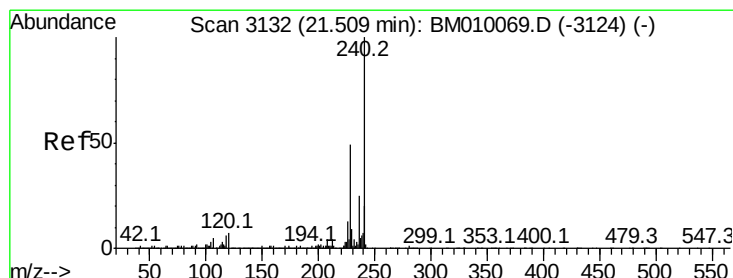
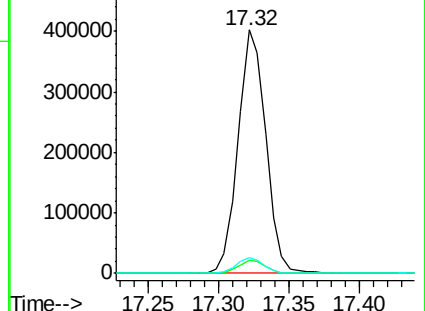
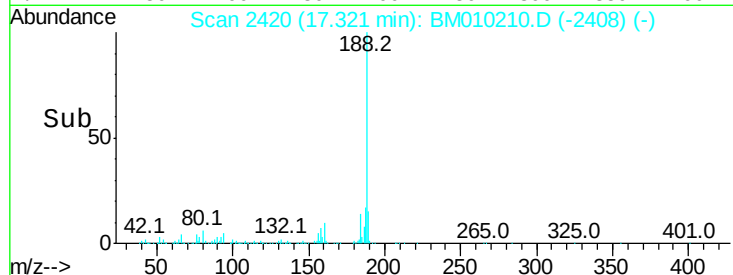
80 6.4 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.49 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BM010210.D

Acq: 25 May 2017 10:14

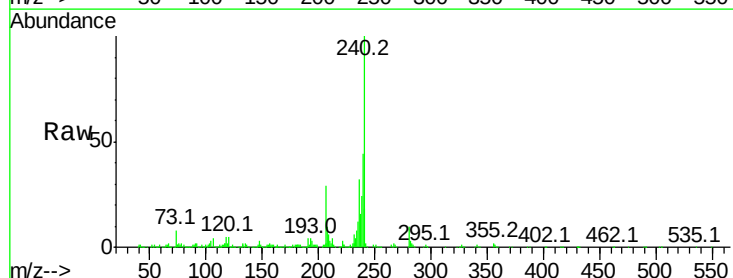
Tgt Ion:240 Resp: 413734

Ion Ratio Lower Upper

240 100

120 4.7 8.2 12.2#

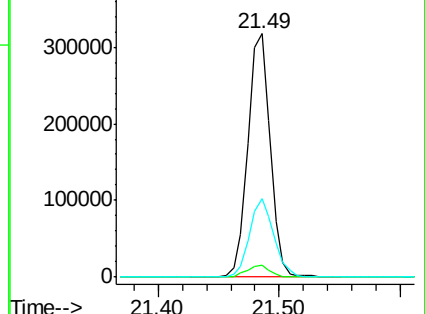
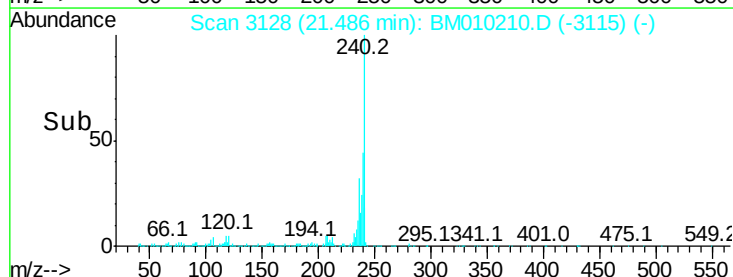
236 32.2 20.0 30.0#

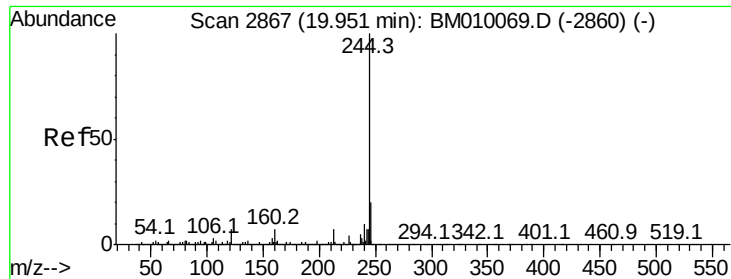


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 199.14 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM010210.D

Acq: 25 May 2017 10:14

Instrument :

BNA_M

ClientSampleId :

TP-2RE

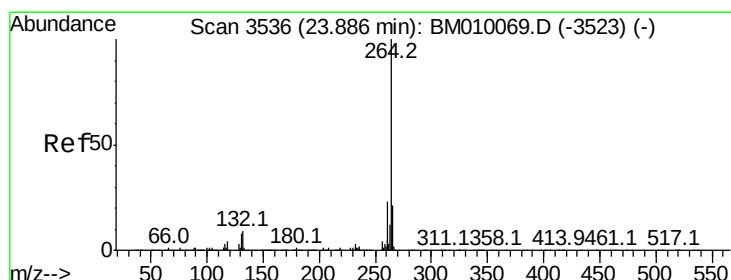
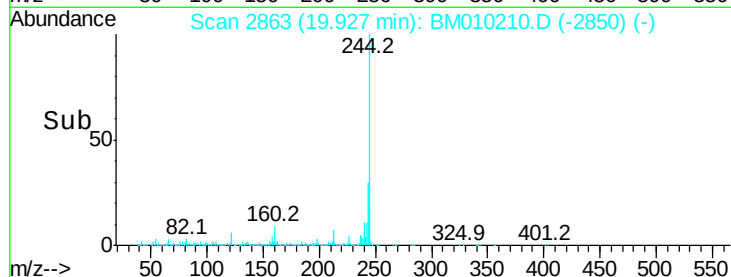
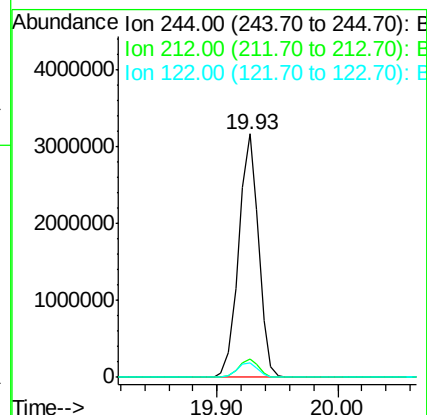
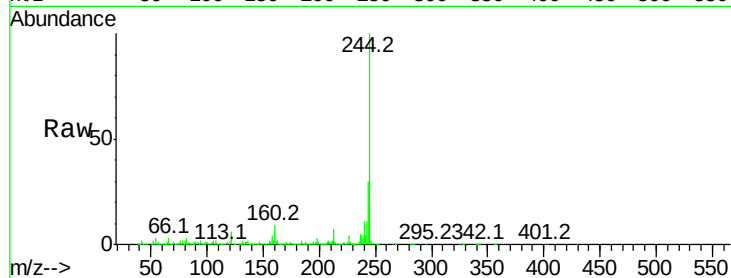
Tot Ion:244 Resp: 3623484

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

122 6.2 6.2 9.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.84 min Scan# 3529

Delta R.T. -0.04 min

Lab File: BM010210.D

Acq: 25 May 2017 10:14

Tgt Ion:264 Resp: 27061

Ion Ratio Lower Upper

264 100

260 139.9 18.6 27.8#

265 81.1 17.3 25.9#

