

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010200.D
 Acq On : 25 May 2017 04:14
 Operator : SJ/MA
 Sample : I3215-22
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EP1-WC11(6-8)

Quant Time: May 25 07:29:04 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	114782	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	374076	20.00	ng	-0.03
38) Acenaphthene-d10	14.58	164	237641	20.00	ng	-0.03
63) Phenanthrene-d10	17.33	188	614952	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	950760	20.00	ng	-0.02
86) Perylene-d12	23.84	264	1060891	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	890131	140.04	ng	-0.02
7) Phenol-d6	7.13	99	1010019	123.49	ng	-0.04
23) Nitrobenzene-d5	9.13	82	762411	109.96	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	588522	163.06	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	1938928	104.89	ng	-0.03
78) Terphenyl-d14	19.93	244	4015257	96.03	ng	-0.02

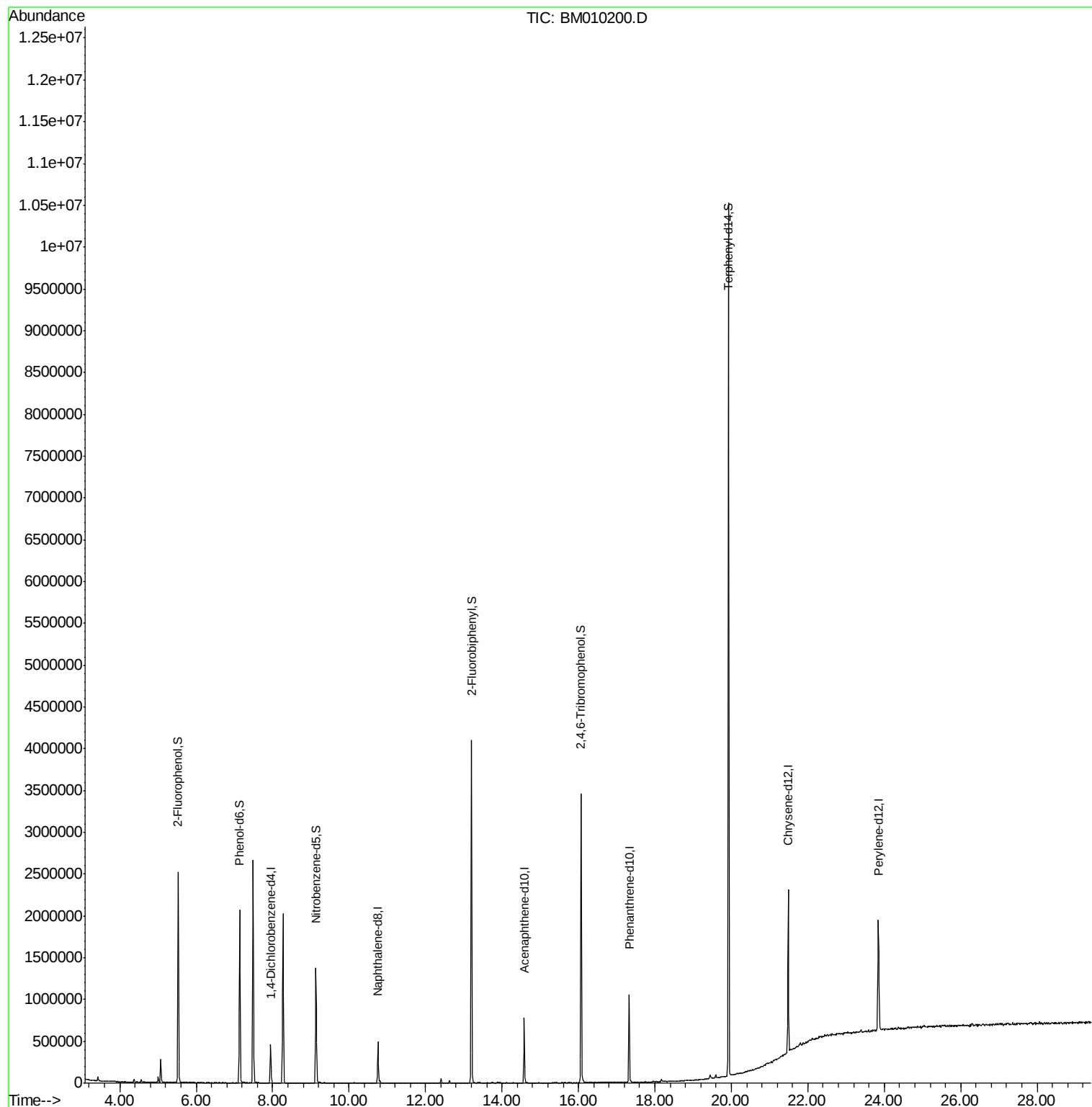
Target Compounds Qvalue

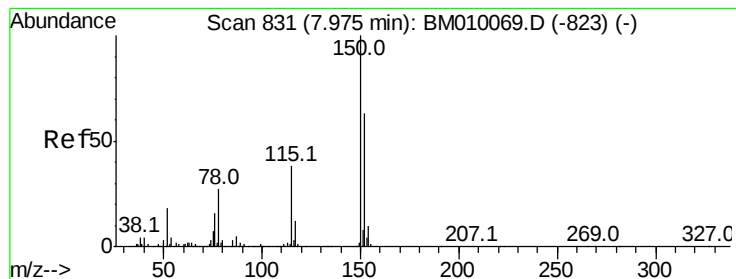
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
Data File : BM010200.D
Acq On : 25 May 2017 04:14
Operator : SJ/MA
Sample : I3215-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EP1-WC11(6-8)

Quant Time: May 25 07:29:04 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.02 min

Lab File: BM010200.D

Acq: 25 May 2017 04:14

Instrument :

BNA_M

ClientSampleId :

EP1-WC11(6-8)

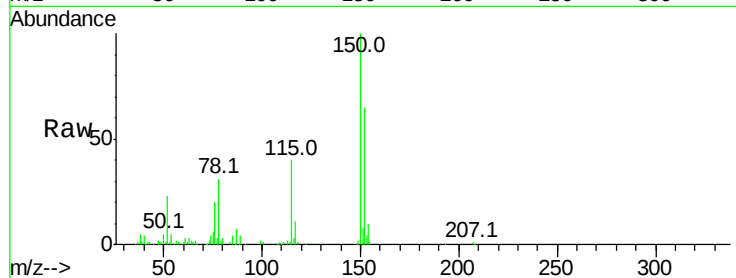
Tot Ion:152 Resp: 114782

Ion Ratio Lower Upper

152 100

150 152.9 119.5 179.3

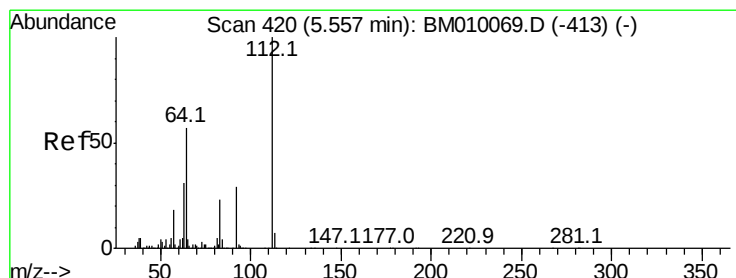
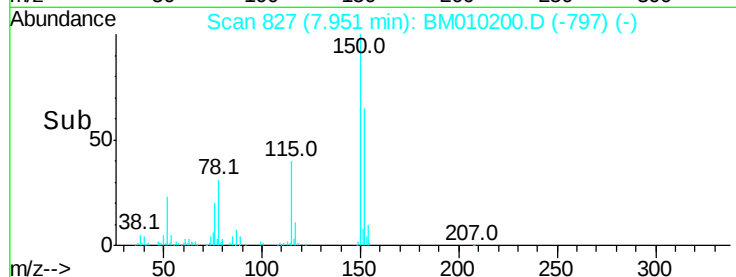
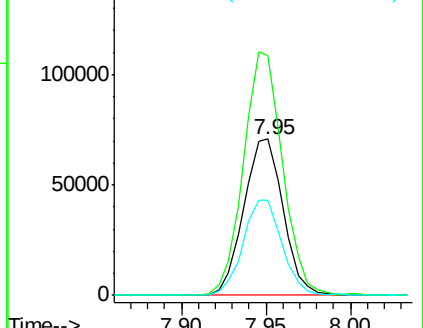
115 60.9 43.0 64.4



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: 140.04 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.02 min

Lab File: BM010200.D

Acq: 25 May 2017 04:14

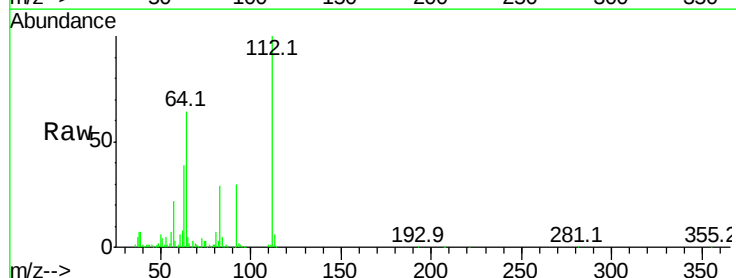
Tgt Ion:112 Resp: 890131

Ion Ratio Lower Upper

112 100

64 63.6 38.6 57.8#

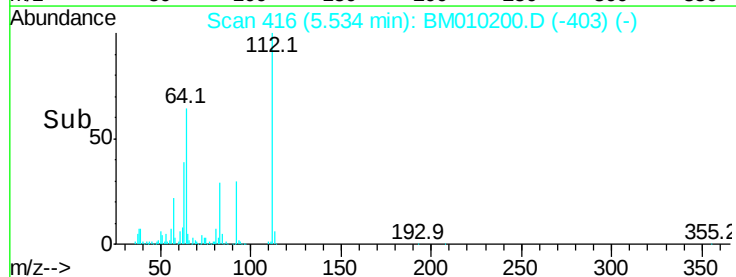
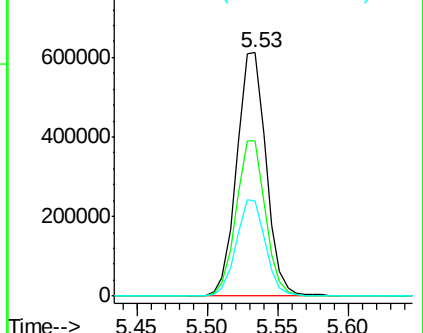
63 39.1 19.3 28.9#

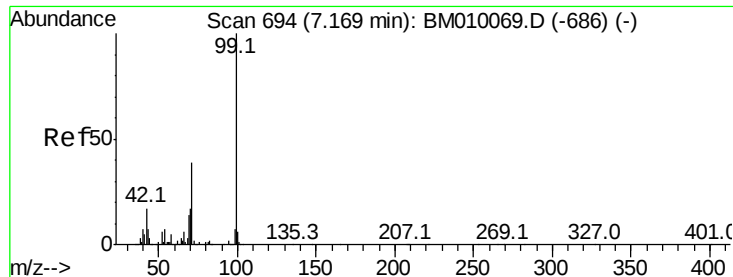


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 123.49 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.04 min

Lab File: BM010200.D

Acq: 25 May 2017 04:14

Instrument :

BNA_M

ClientSampleId :

EP1-WC11(6-8)

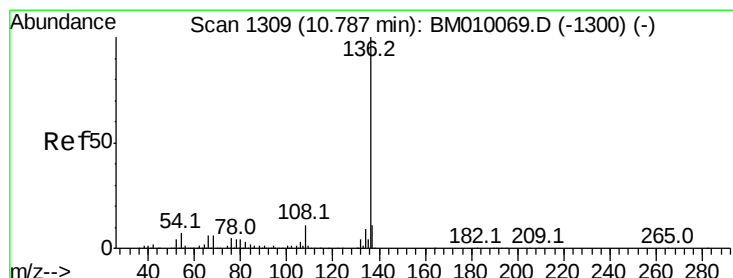
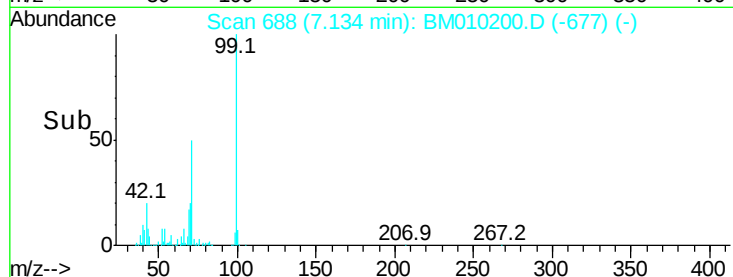
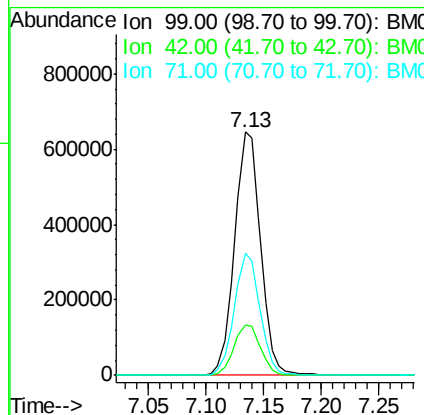
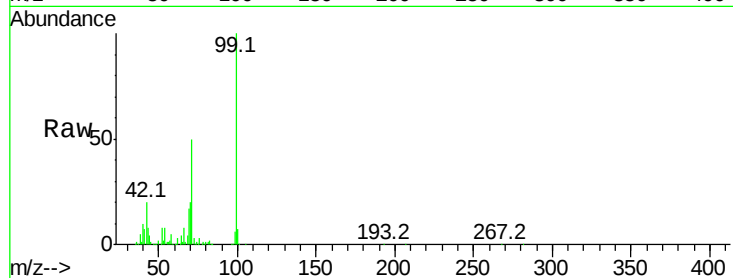
Tot Ion: 99 Resp: 1010019

Ion Ratio Lower Upper

99 100

42 20.5 11.0 16.4#

71 49.9 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1304

Delta R.T. -0.03 min

Lab File: BM010200.D

Acq: 25 May 2017 04:14

Tgt Ion: 136 Resp: 374076

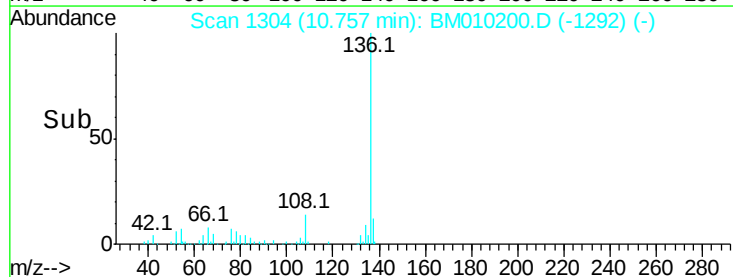
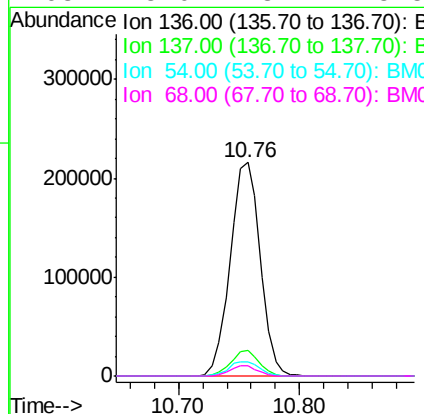
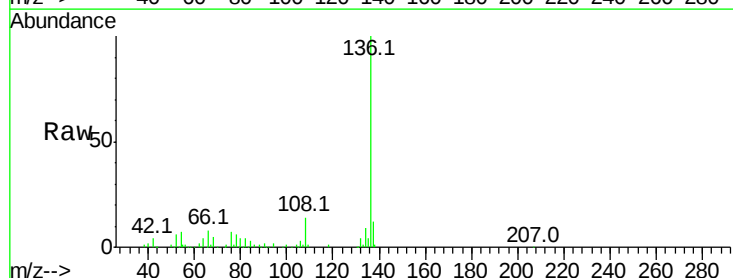
Ion Ratio Lower Upper

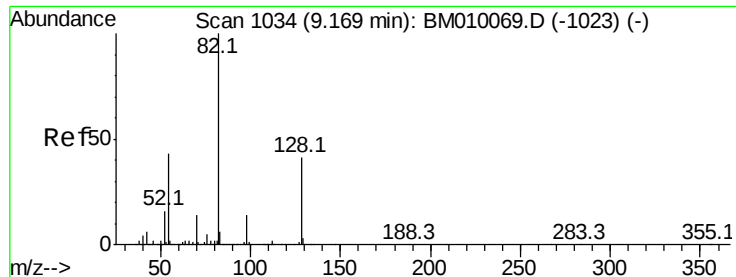
136 100

137 12.2 8.7 13.1

54 6.7 4.6 6.8

68 5.0 3.7 5.5

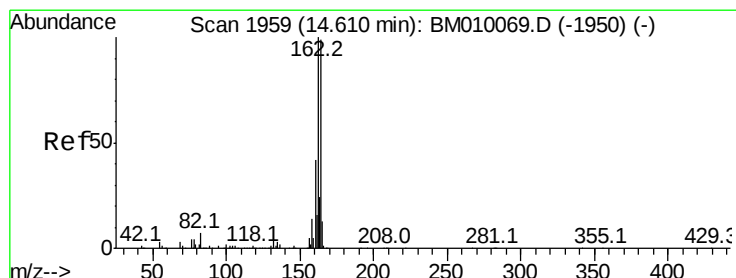
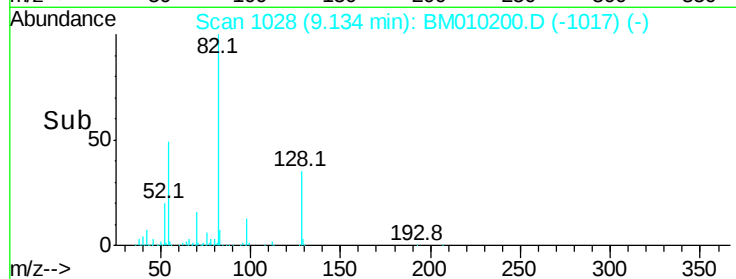
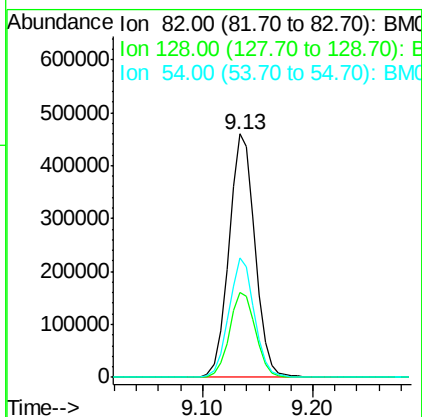
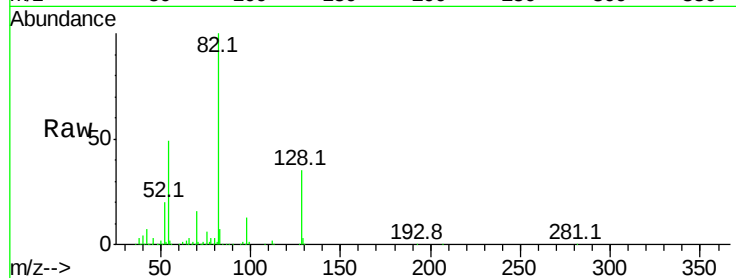




#23
 Nitrobenzene-d5
 Concen: 109.96 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BM010200.D
 Acq: 25 May 2017 04:14

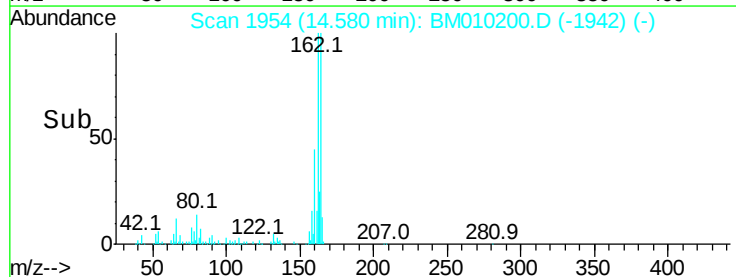
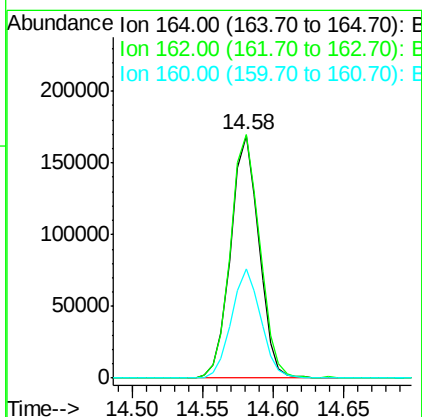
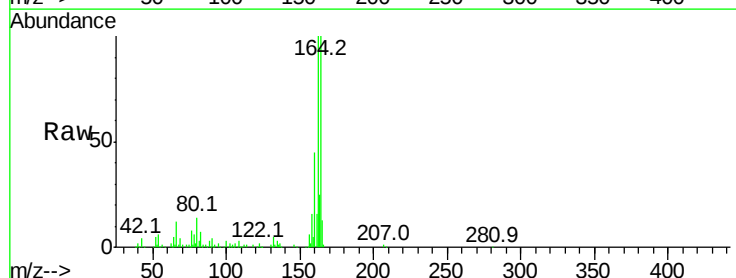
Instrument :
 BNA_M
 ClientSampleId :
 EP1-WC11(6-8)

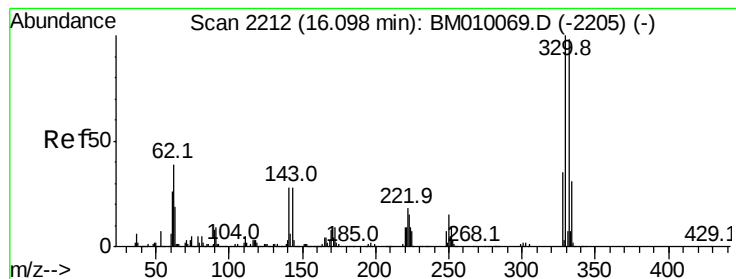
Tot Ion	82	Resp	762411
Ion Ratio	Lower	Upper	
82	100		
128	35.0	32.8	49.2
54	48.9	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.58 min Scan# 1954
 Delta R.T. -0.03 min
 Lab File: BM010200.D
 Acq: 25 May 2017 04:14

Tgt Ion	164	Resp	237641
Ion Ratio	Lower	Upper	
164	100		
162	100.3	82.4	123.6
160	45.0	35.8	53.6

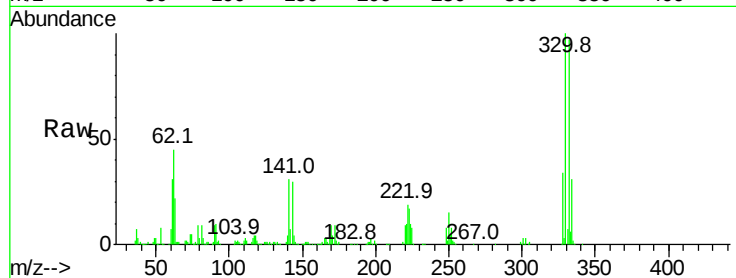




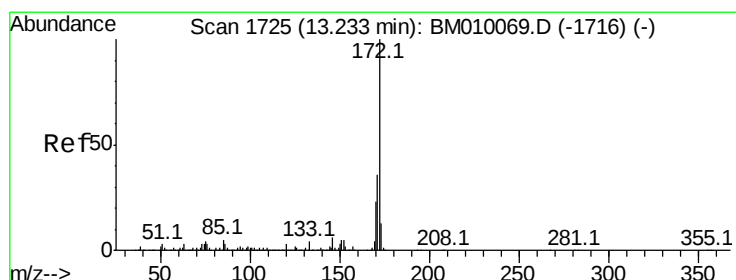
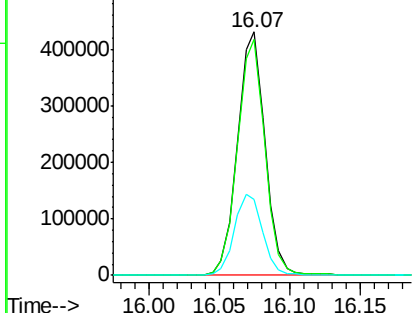
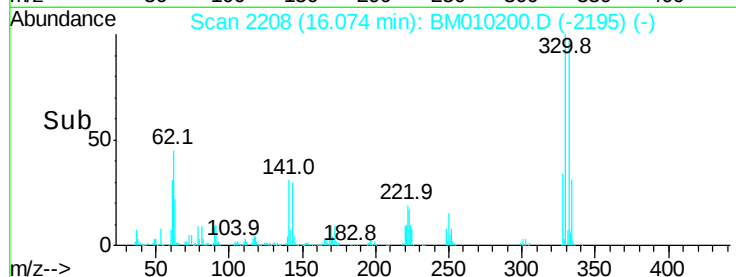
#41
 2,4,6-Tribromophenol
 Concen: 163.06 ng
 RT: 16.07 min Scan# 2208
 Delta R.T. -0.02 min
 Lab File: BM010200.D
 Acq: 25 May 2017 04:14

Instrument :
 BNA_M
 ClientSampleId :
 EP1-WC11(6-8)

Tot Ion:330 Resp: 588522
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 34.2 0.0 0.0#

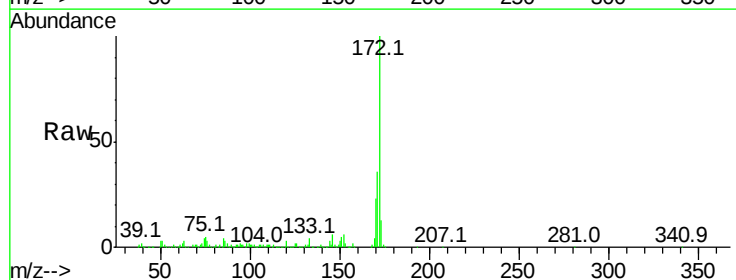


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

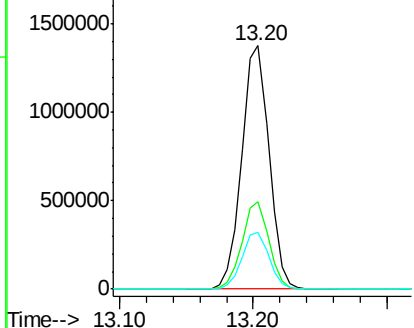
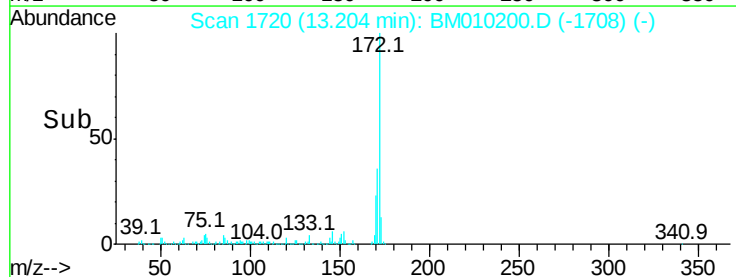


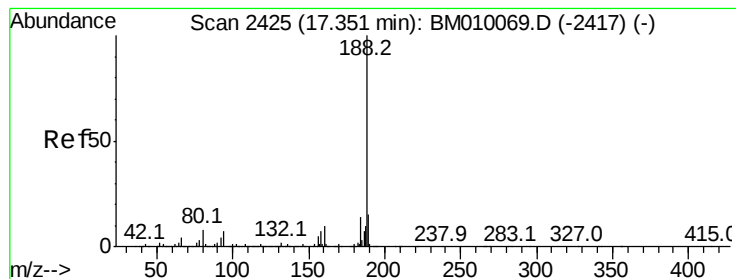
#44
 2-Fluorobiphenyl
 Concen: 104.89 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BM010200.D
 Acq: 25 May 2017 04:14

Tgt Ion:172 Resp: 1938928
 Ion Ratio Lower Upper
 172 100
 171 35.9 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: 17.33 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BM010200.D

Acq: 25 May 2017 04:14

Instrument :

BNA_M

ClientSampleId :

EP1-WC11(6-8)

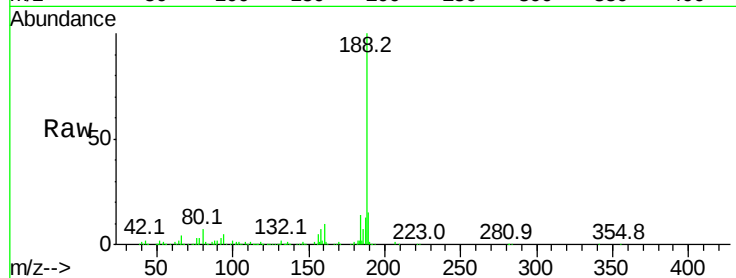
Tot Ion:188 Resp: 614952

Ion Ratio Lower Upper

188 100

94 4.9 8.7 13.1#

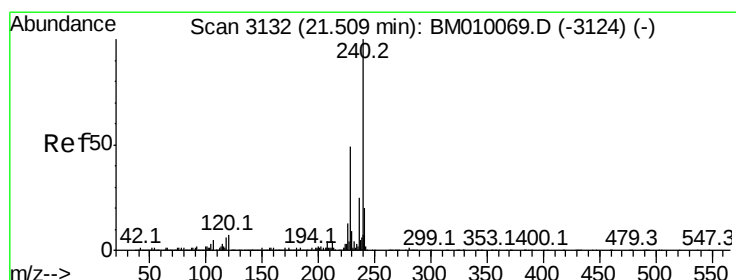
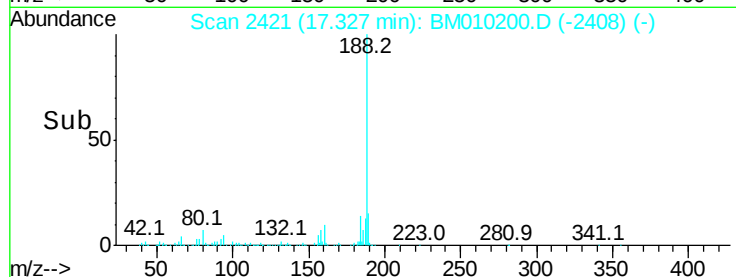
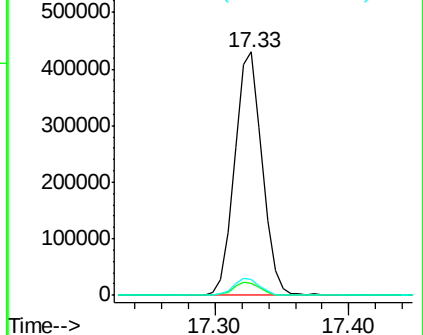
80 6.6 9.3 13.9#



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: BM010200.D

Acq: 25 May 2017 04:14

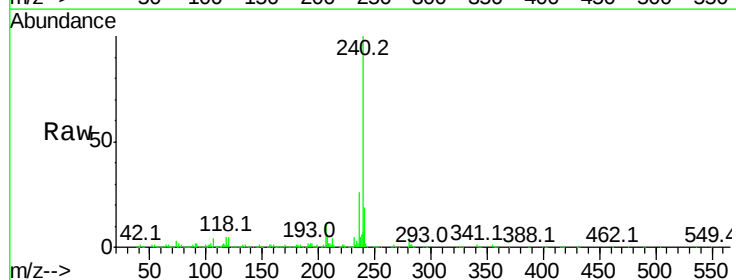
Tgt Ion:240 Resp: 950760

Ion Ratio Lower Upper

240 100

120 4.6 8.2 12.2#

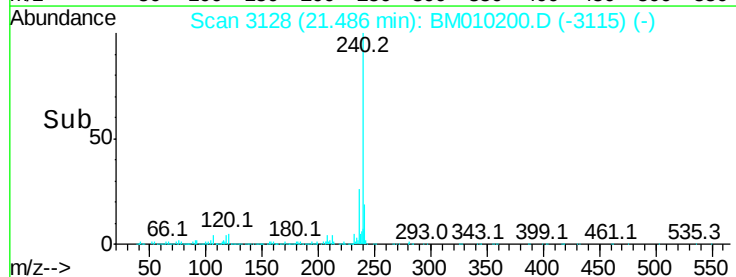
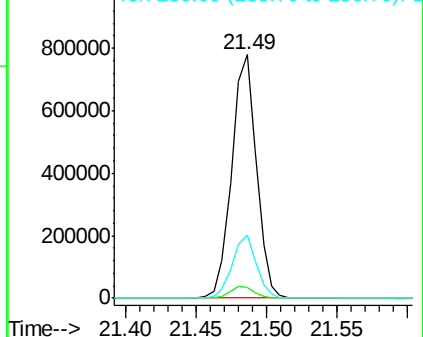
236 25.8 20.0 30.0

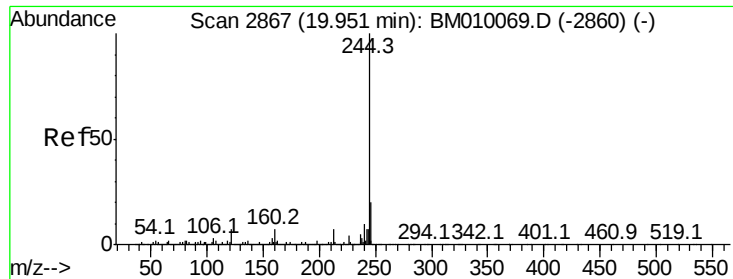


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.03 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM010200.D

Acq: 25 May 2017 04:14

Instrument :

BNA_M

ClientSampleId :

EP1-WC11(6-8)

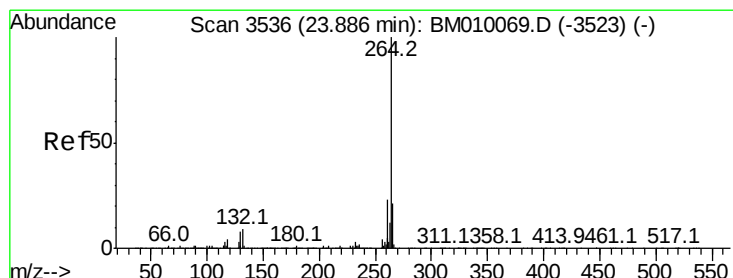
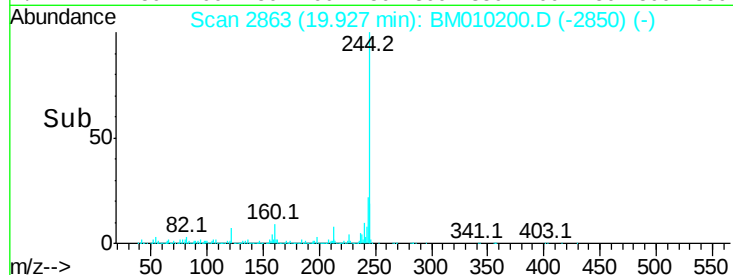
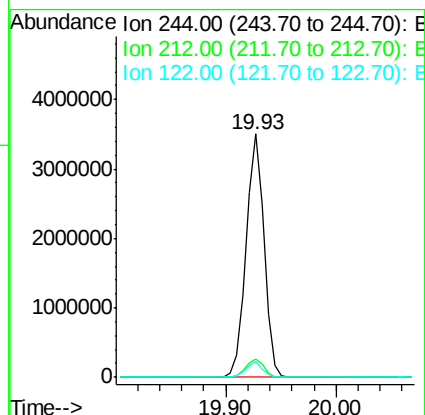
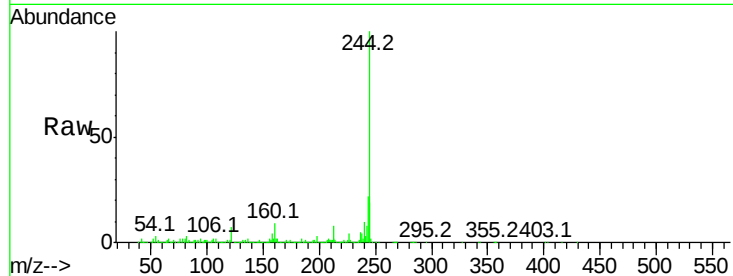
Tot Ion:244 Resp: 4015257

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

122 6.5 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: BM010200.D

Acq: 25 May 2017 04:14

Tgt Ion:264 Resp: 1060891

Ion Ratio Lower Upper

264 100

260 24.7 18.6 27.8

265 22.2 17.3 25.9

