

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010203.D
 Acq On : 25 May 2017 06:02
 Operator : SJ/MA
 Sample : I3215-25
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EP1-WC7(0-4)

Quant Time: May 25 08:44:21 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	130677	20.00	ng	-0.03
21) Naphthalene-d8	10.76	136	419299	20.00	ng	-0.03
38) Acenaphthene-d10	14.58	164	255925	20.00	ng	-0.03
63) Phenanthrene-d10	17.32	188	605987	20.00	ng	-0.03
75) Chrysene-d12	21.49	240	929863	20.00	ng	-0.02
86) Perylene-d12	23.84	264	1098387	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	937652	129.58	ng	-0.03
7) Phenol-d6	7.13	99	1038413	111.52	ng	-0.04
23) Nitrobenzene-d5	9.13	82	800374	102.98	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	544733	140.14	ng	-0.03
44) 2-Fluorobiphenyl	13.20	172	1979593	99.44	ng	-0.03
78) Terphenyl-d14	19.93	244	3421276	83.66	ng	-0.02

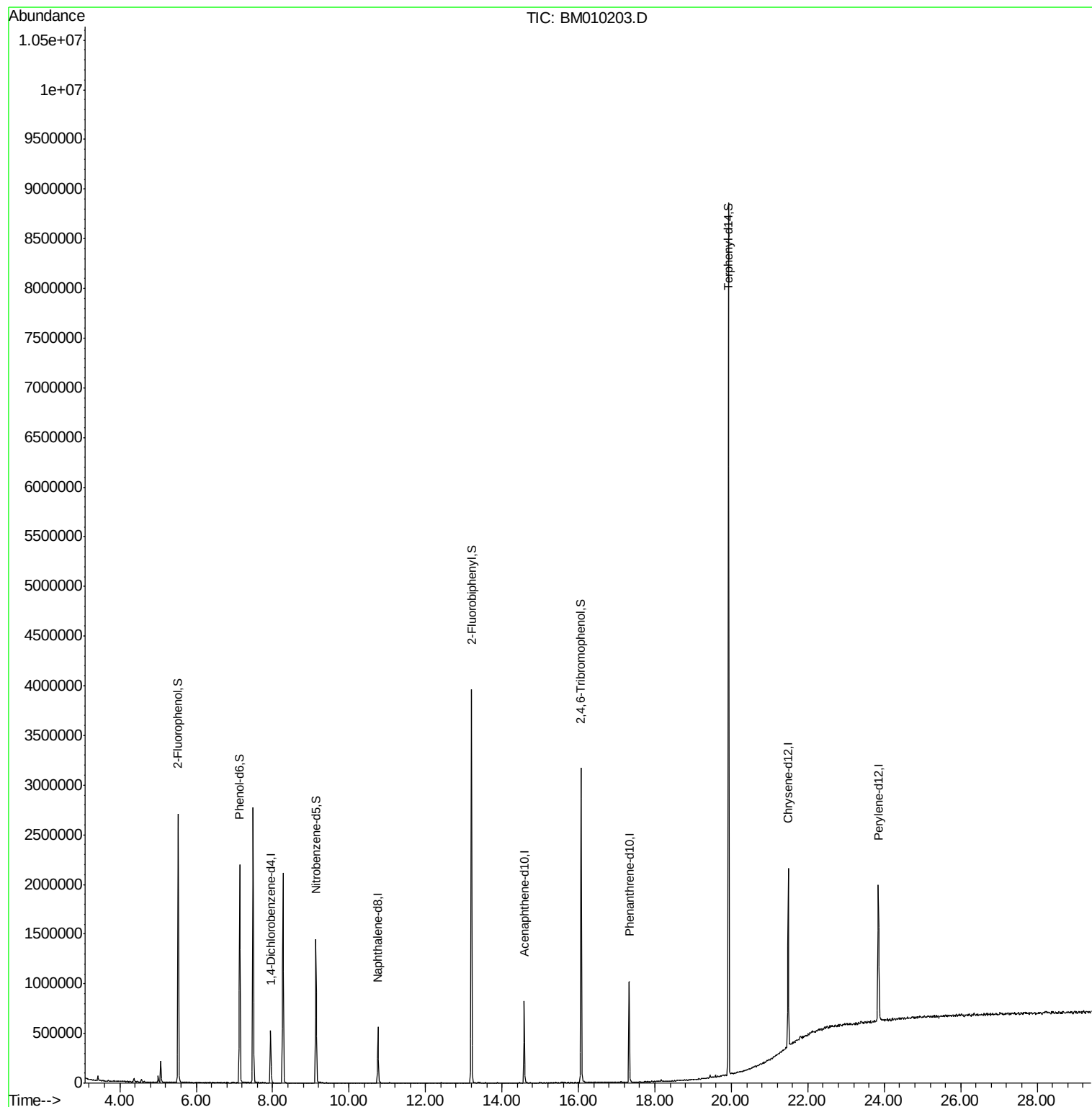
Target Compounds Qvalue

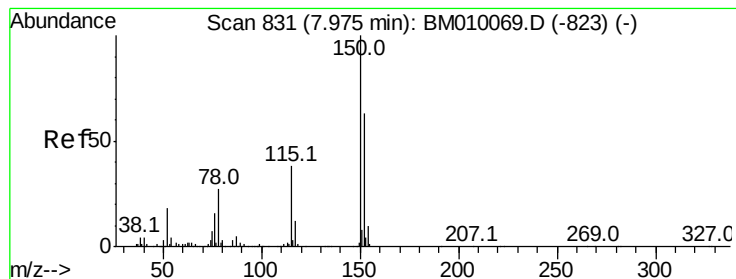
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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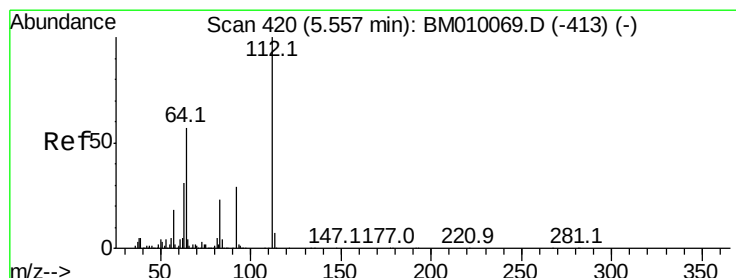
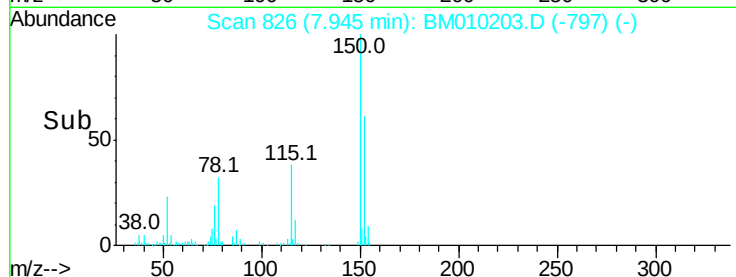
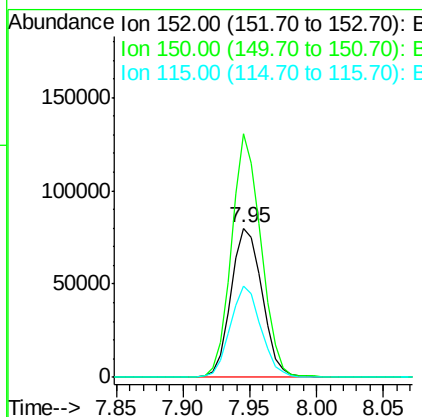
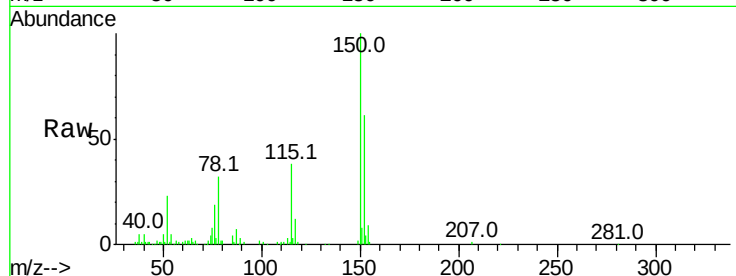


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 826
Delta R.T. -0.03 min
Lab File: BM010203.D
Acq: 25 May 2017 06:02

Instrument :
BNA_M
ClientSampleId :
EP1-WC7(0-4)

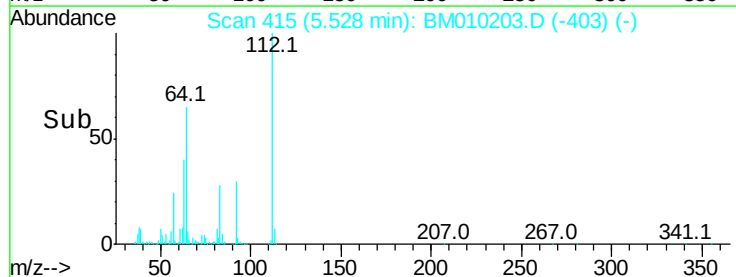
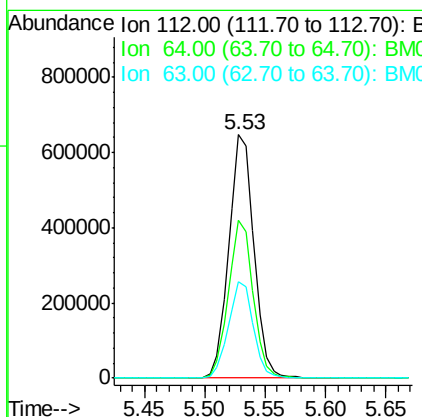
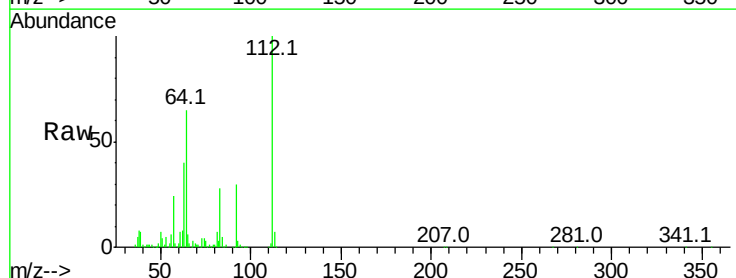
Tot Ion	Ratio	Lower	Upper
152	100		
150	163.0	119.5	179.3
115	61.3	43.0	64.4

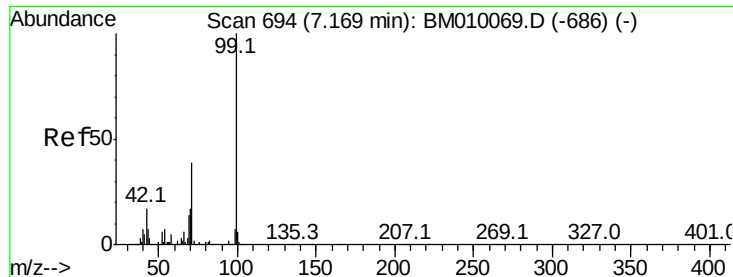


#5

2-Fluorophenol
Concen: 129.58 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.03 min
Lab File: BM010203.D
Acq: 25 May 2017 06:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	38.6	57.8#
63	39.8	19.3	28.9#





#7

Phenol-d6

Concen: 111.52 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.04 min

Lab File: BM010203.D

Acq: 25 May 2017 06:02

Instrument :

BNA_M

ClientSampleId :

EP1-WC7(0-4)

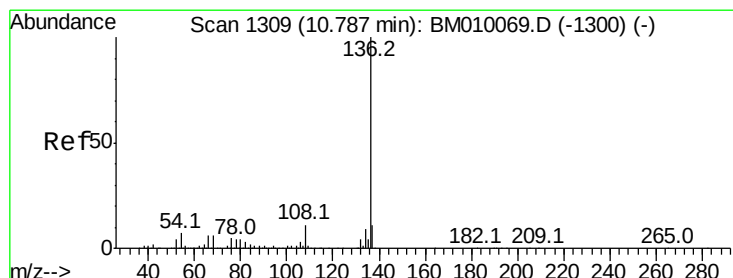
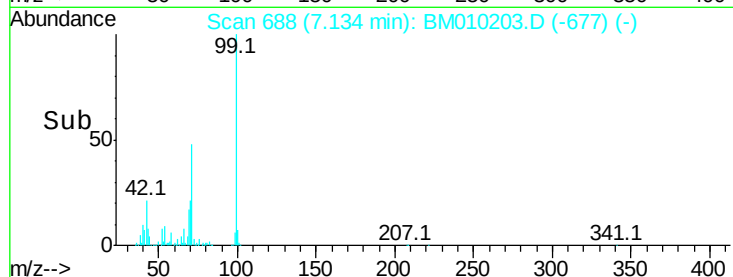
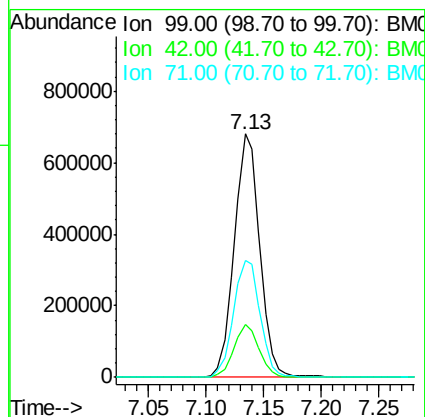
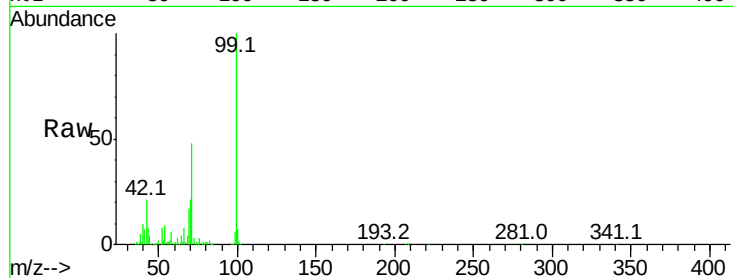
Tot Ion: 99 Resp: 1038413

Ion Ratio Lower Upper

99 100

42 21.5 11.0 16.4#

71 48.2 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: BM010203.D

Acq: 25 May 2017 06:02

Tgt Ion: 136 Resp: 419299

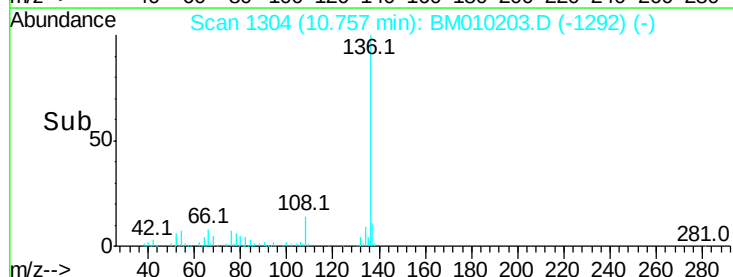
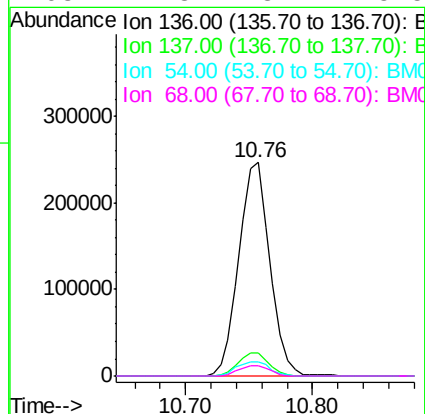
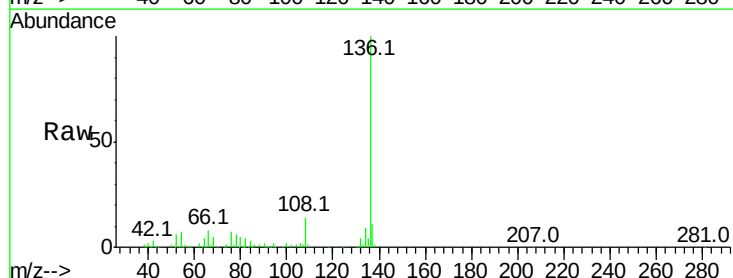
Ion Ratio Lower Upper

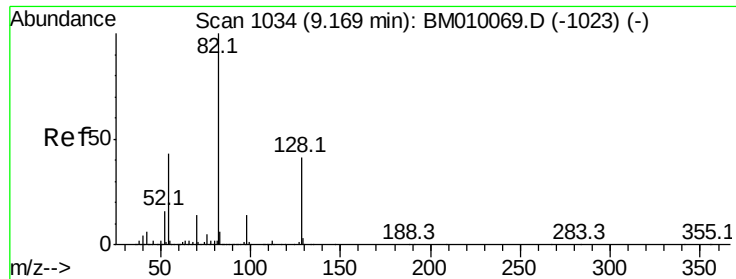
136 100

137 10.5 8.7 13.1

54 6.7 4.6 6.8

68 4.8 3.7 5.5

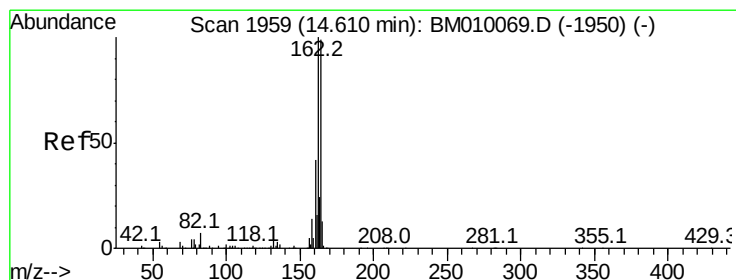
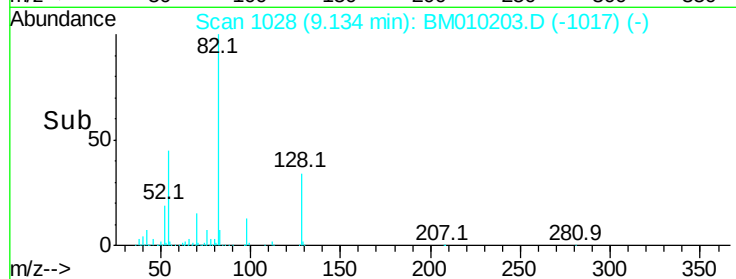
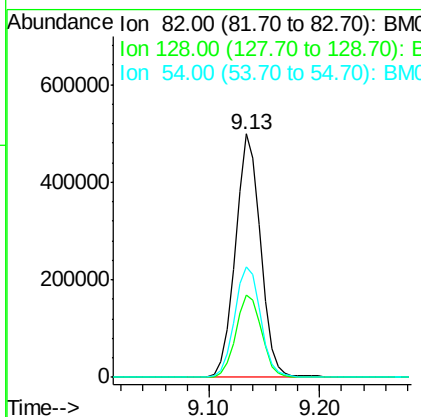
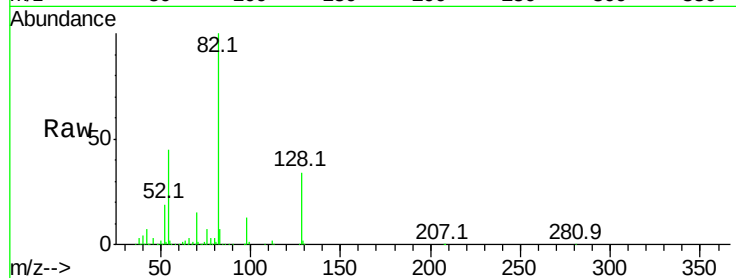




#23
 Nitrobenzene-d5
 Concen: 102.98 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BM010203.D
 Acq: 25 May 2017 06:02

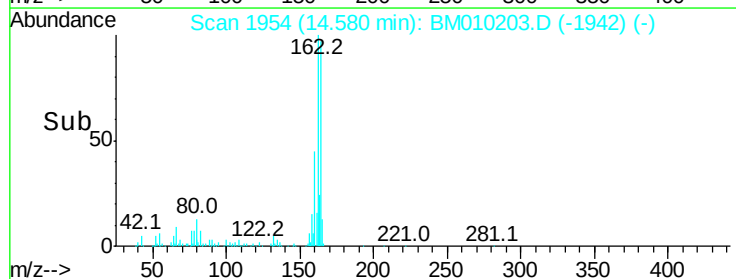
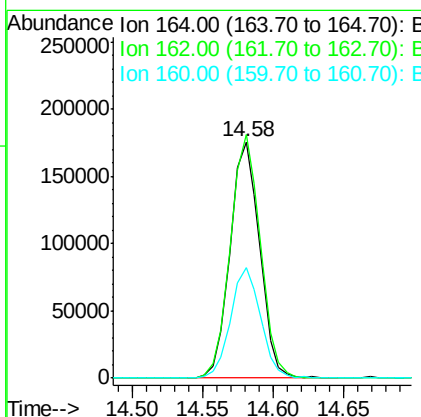
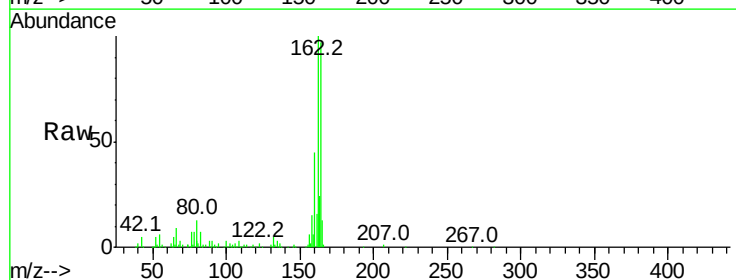
Instrument :
 BNA_M
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 EP1-WC7(0-4)

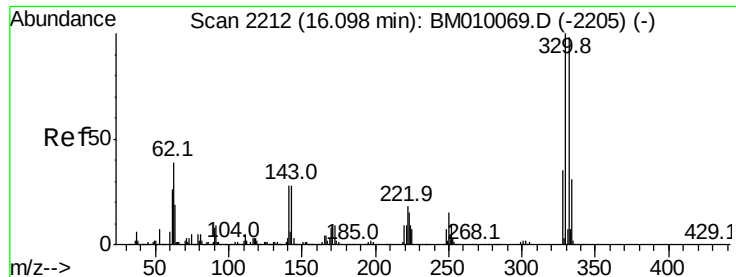
Tot Ion	82	Resp	800374
Ion	Ratio	Lower	Upper
82	100		
128	33.9	32.8	49.2
54	45.4	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.58 min Scan# 1954
 Delta R.T. -0.03 min
 Lab File: BM010203.D
 Acq: 25 May 2017 06:02

Tgt Ion	164	Resp	255925
Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.4	123.6
160	46.9	35.8	53.6

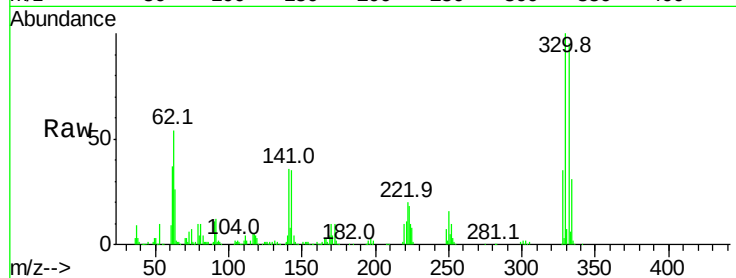




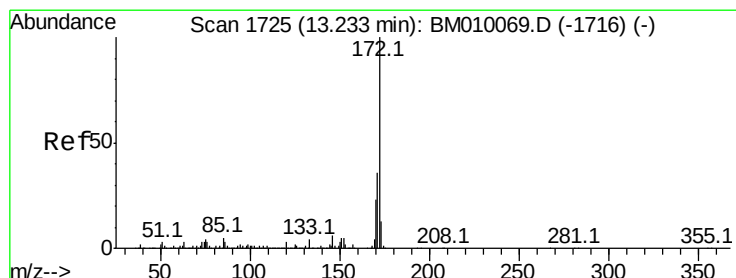
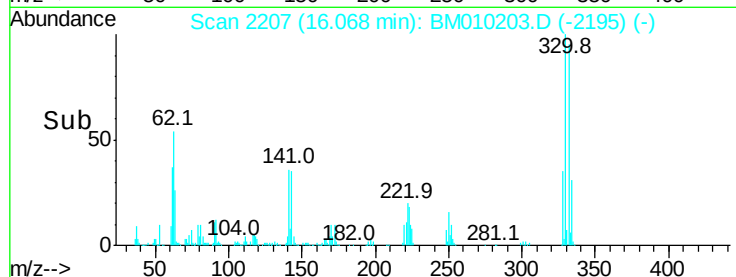
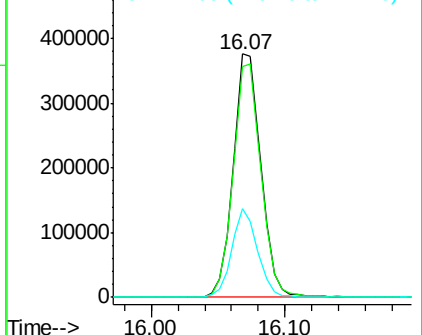
#41
 2,4,6-Tribromophenol
 Concen: 140.14 ng
 RT: 16.07 min Scan# 2207
 Delta R.T. -0.03 min
 Lab File: BM010203.D
 Acq: 25 May 2017 06:02

Instrument :
 BNA_M
 ClientSampleId :
 EP1-WC7(0-4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	34.1	0.0	0.0#

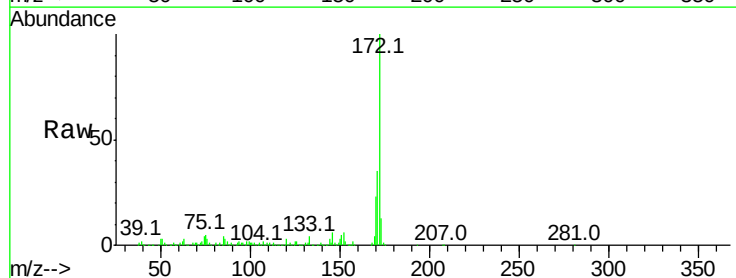


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

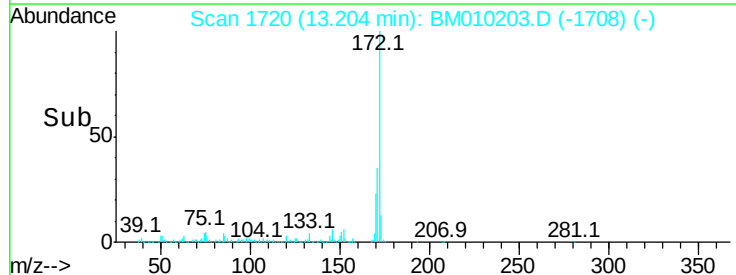
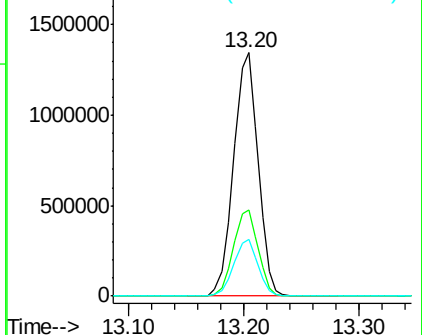


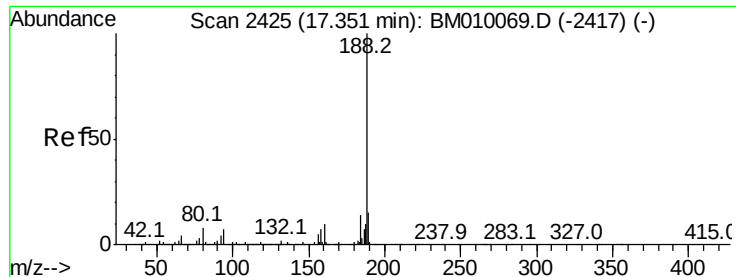
#44
 2-Fluorobiphenyl
 Concen: 99.44 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BM010203.D
 Acq: 25 May 2017 06:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.1	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

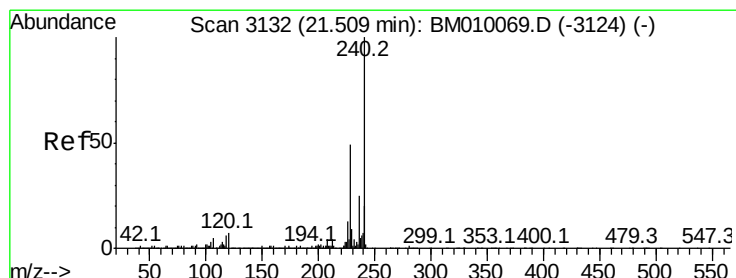
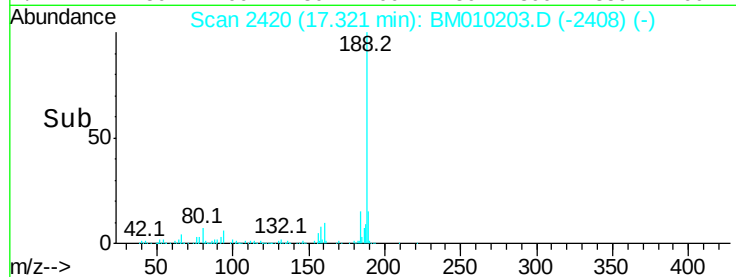
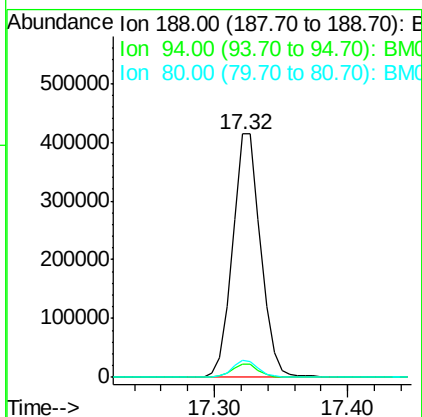
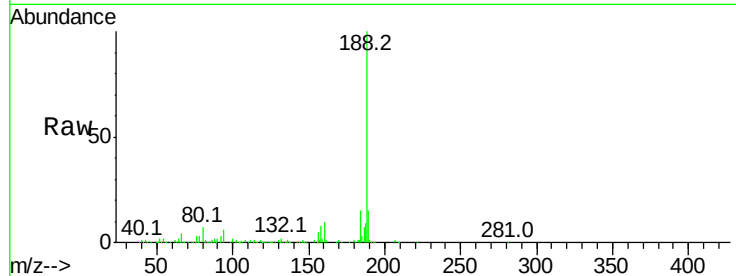




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.32 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BM010203.D
Acq: 25 May 2017 06:02

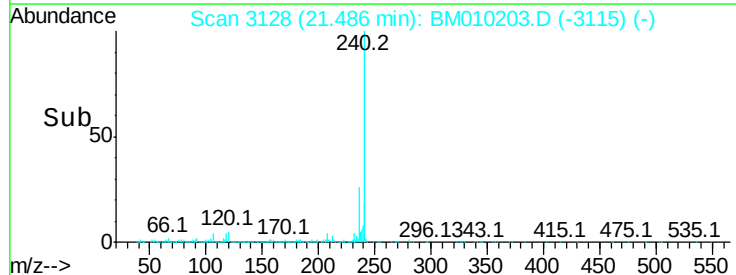
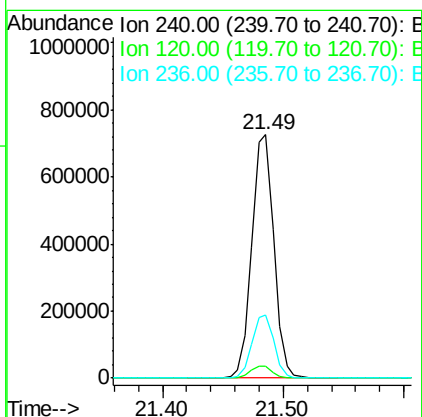
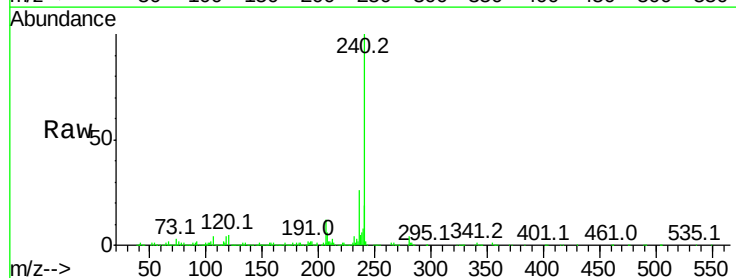
Instrument :
BNA_M
ClientSampleId :
EP1-WC7(0-4)

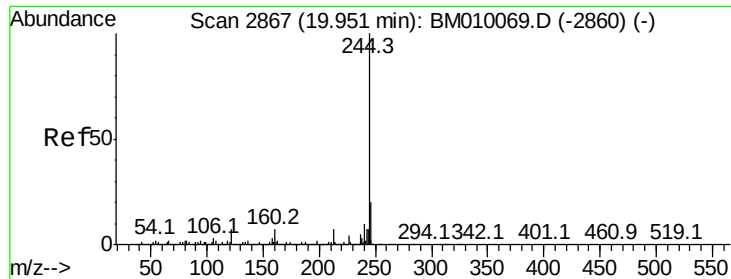
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.5	8.7	13.1#
80	6.9	9.3	13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.49 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BM010203.D
Acq: 25 May 2017 06:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.8	8.2	12.2#
236	25.7	20.0	30.0





#78

Terphenyl-d14

Concen: 83.66 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM010203.D

Acq: 25 May 2017 06:02

Instrument :

BNA_M

ClientSampleId :

EP1-WC7(0-4)

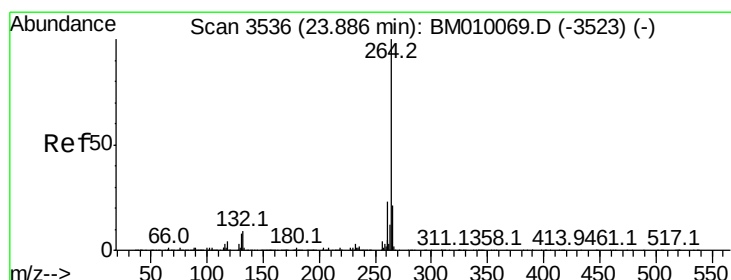
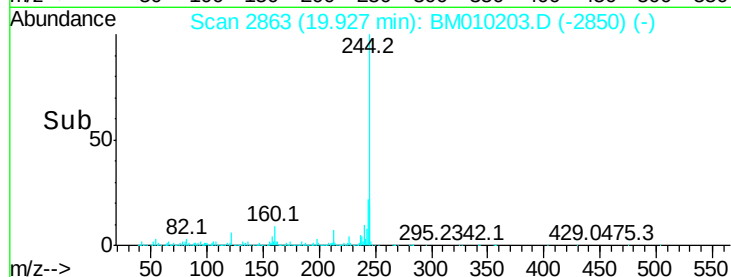
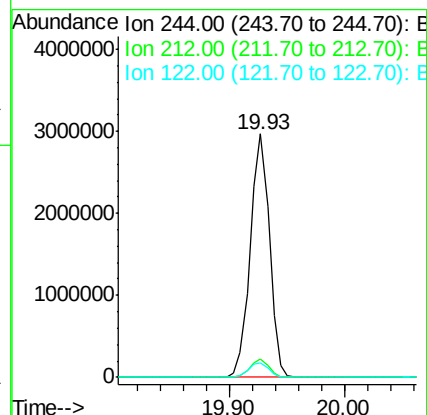
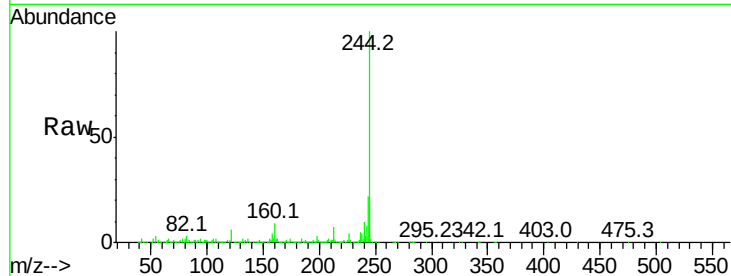
Tot Ion:244 Resp: 3421276

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

122 6.1 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: BM010203.D

Acq: 25 May 2017 06:02

Tgt Ion:264 Resp: 1098387

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.6 17.3 25.9

