

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010201.D
 Acq On : 25 May 2017 04:50
 Operator : SJ/MA
 Sample : I3215-23
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EP1-WC9(0-9.8)

Quant Time: May 25 08:41:48 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	149669	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	480937	20.00	ng	-0.03
38) Acenaphthene-d10	14.58	164	287298	20.00	ng	-0.03
63) Phenanthrene-d10	17.33	188	634576	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	866476	20.00	ng	-0.02
86) Perylene-d12	23.84	264	900207	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1196834	144.41	ng	-0.02
7) Phenol-d6	7.14	99	1309272	122.77	ng	-0.03
23) Nitrobenzene-d5	9.14	82	1032273	115.80	ng	-0.03
41) 2,4,6-Tribromophenol	16.07	330	636469	145.86	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	2541244	113.71	ng	-0.03
78) Terphenyl-d14	19.93	244	3575045	93.82	ng	-0.02

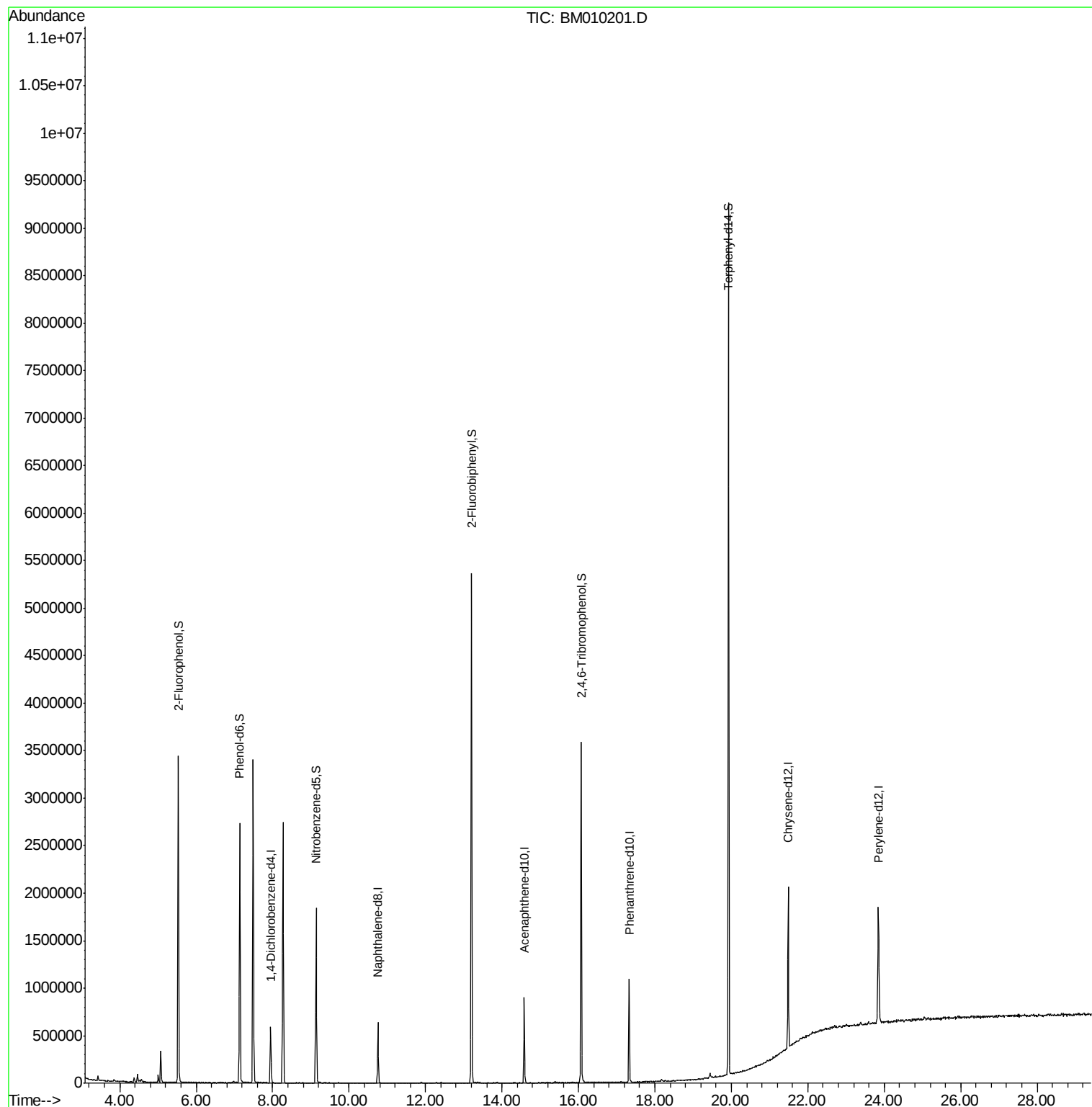
Target Compounds Qvalue

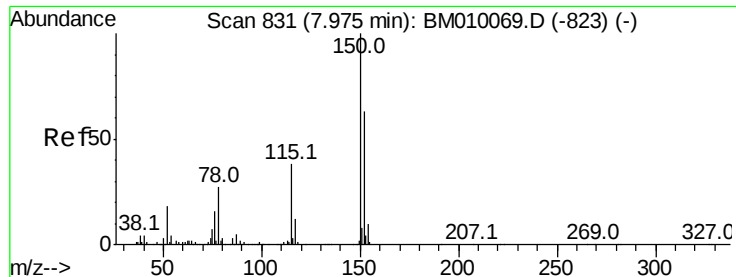
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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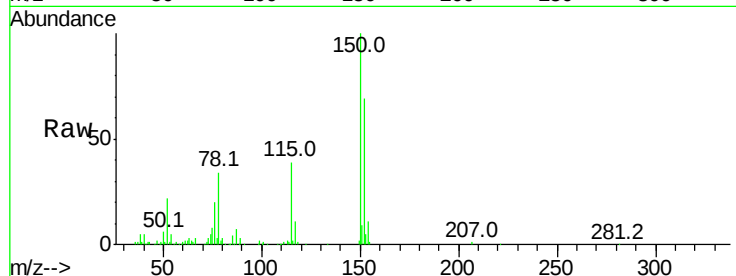


#1

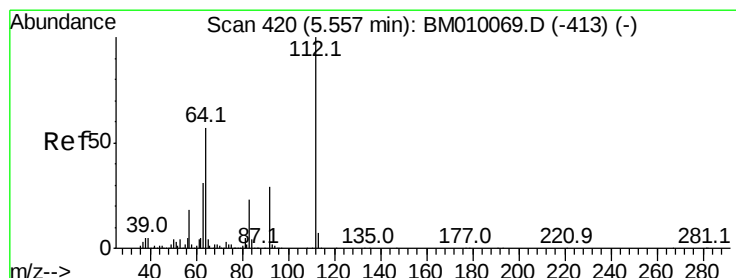
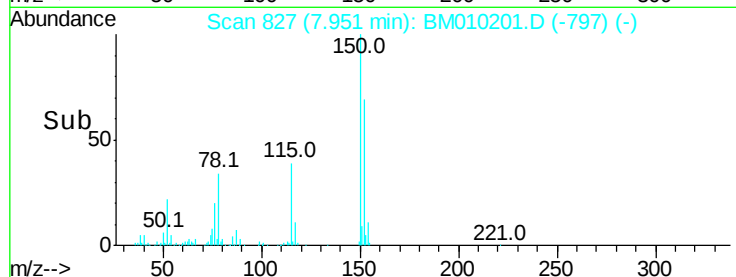
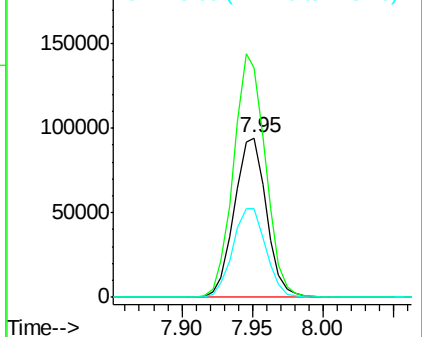
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010201.D
Acq: 25 May 2017 04:50

Instrument :
BNA_M
ClientSampleId :
EP1-WC9(0-9.8)

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.1	119.5	179.3
115	55.8	43.0	64.4



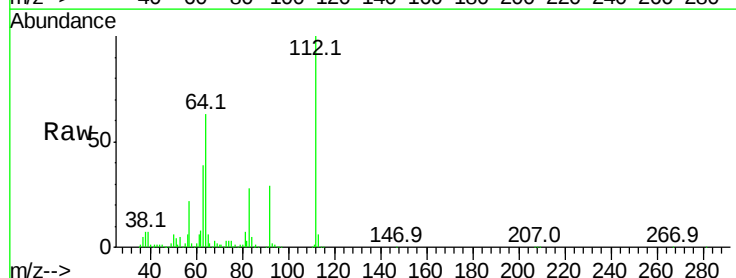
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



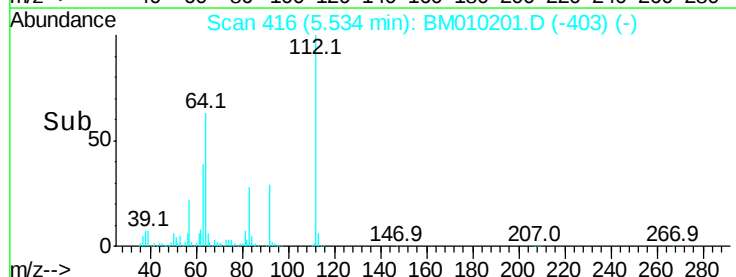
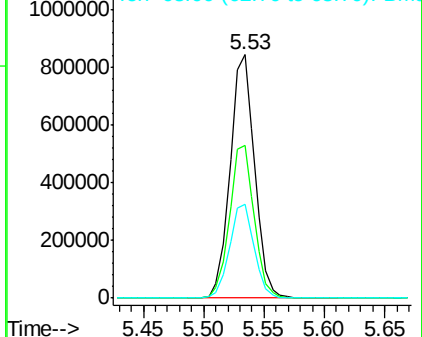
#5

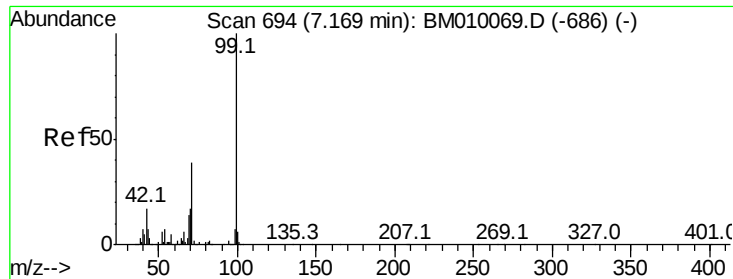
2-Fluorophenol
Concen: 144.41 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010201.D
Acq: 25 May 2017 04:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	38.6	57.8#
63	38.8	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: 122.77 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010201.D

Acq: 25 May 2017 04:50

Instrument :

BNA_M

ClientSampleId :

EP1-WC9(0-9.8)

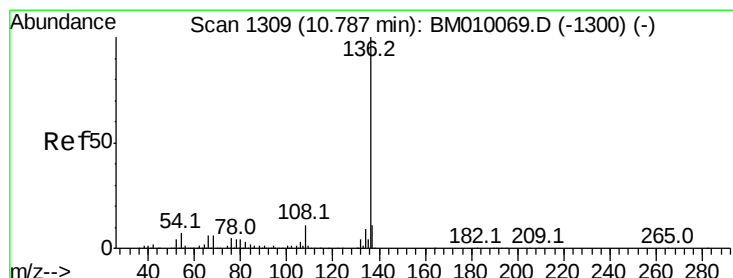
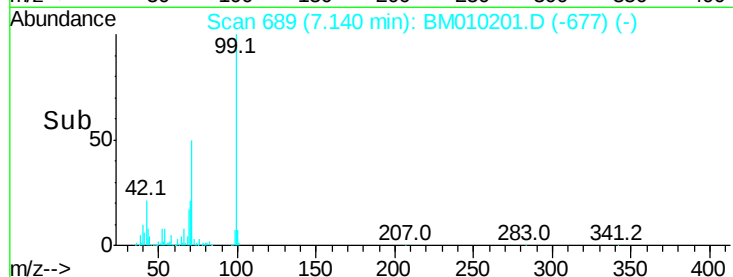
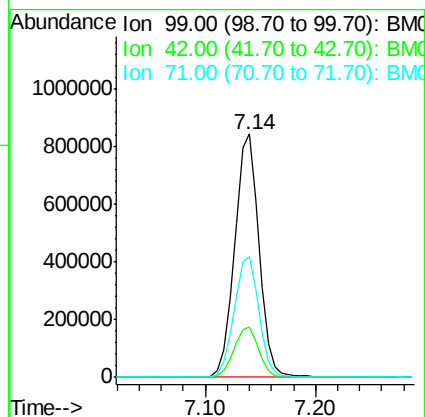
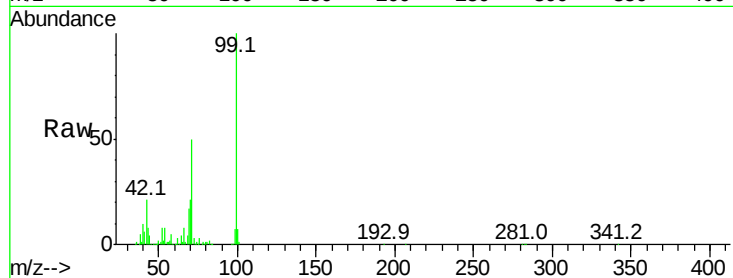
Tot Ion: 99 Resp: 1309272

Ion Ratio Lower Upper

99 100

42 20.5 11.0 16.4#

71 49.5 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: BM010201.D

Acq: 25 May 2017 04:50

Tgt Ion: 136 Resp: 480937

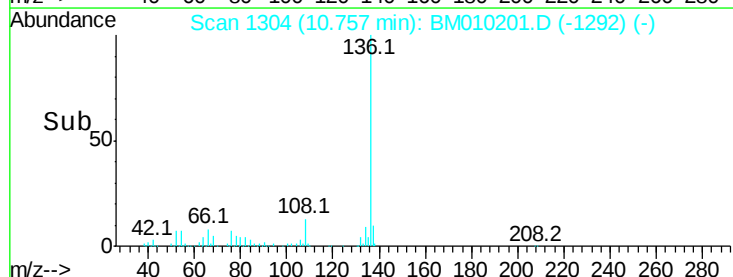
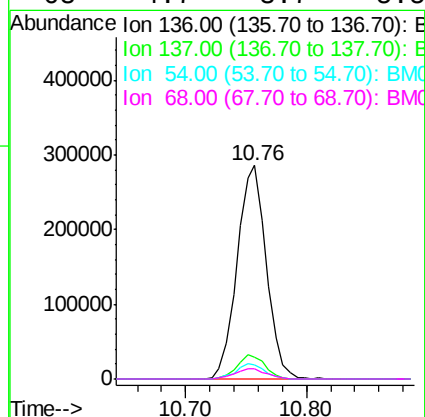
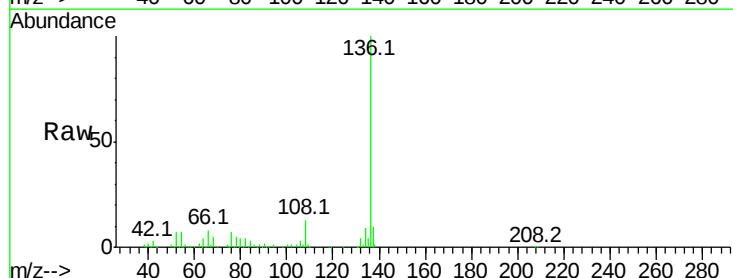
Ion Ratio Lower Upper

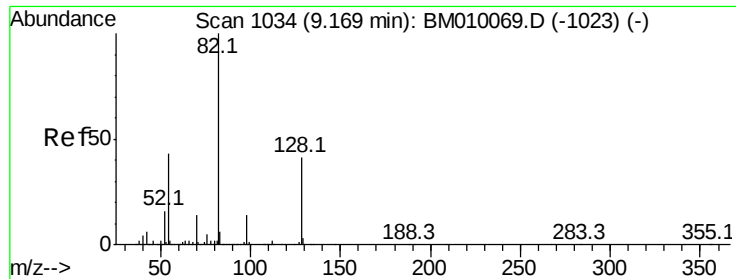
136 100

137 10.2 8.7 13.1

54 6.6 4.6 6.8

68 4.7 3.7 5.5



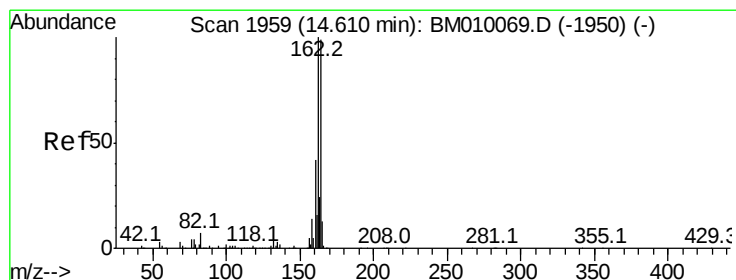
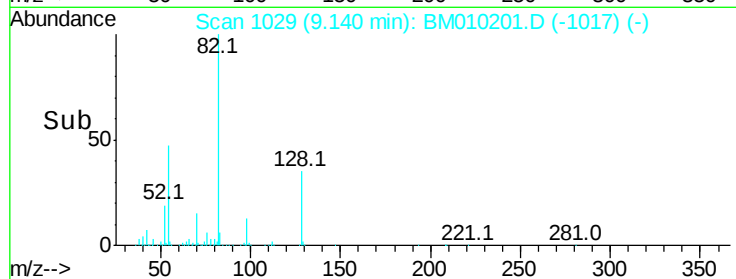
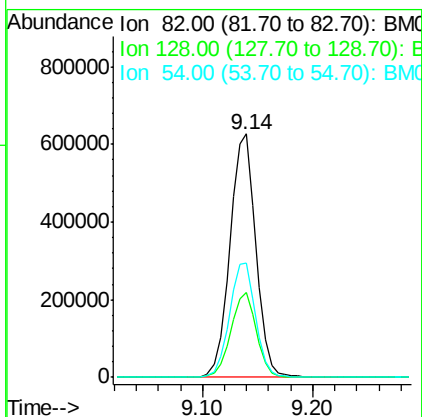
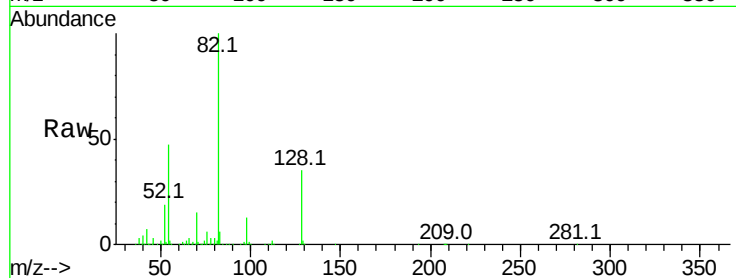


#23
 Nitrobenzene-d5
 Concen: 115.80 ng
 RT: 9.14 min Scan# 1029
 Delta R.T. -0.03 min
 Lab File: BM010201.D
 Acq: 25 May 2017 04:50

Instrument :
 BNA_M
 ClientSampleId :
 EP1-WC9(0-9.8)

Tot Ion: 82 Resp: 1032273

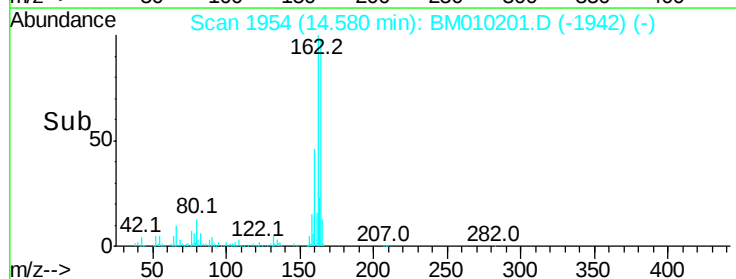
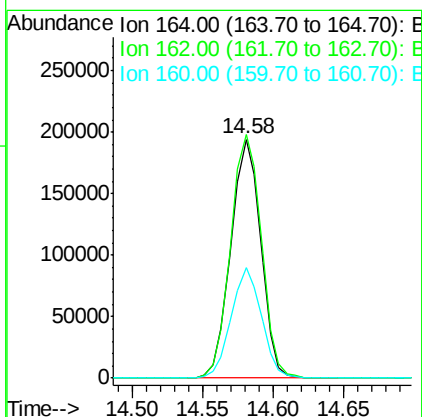
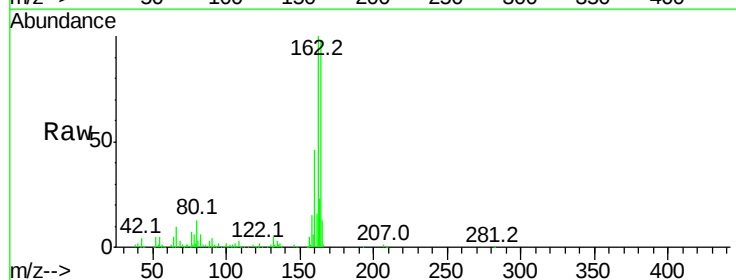
Ion	Ratio	Lower	Upper
82	100		
128	34.6	32.8	49.2
54	47.2	40.6	60.8

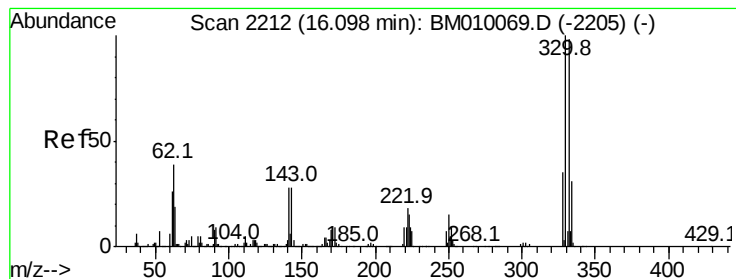


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.58 min Scan# 1954
 Delta R.T. -0.03 min
 Lab File: BM010201.D
 Acq: 25 May 2017 04:50

Tgt Ion: 164 Resp: 287298

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.4	123.6
160	46.5	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 145.86 ng

RT: 16.07 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BM010201.D

Acq: 25 May 2017 04:50

Instrument :

BNA_M

ClientSampleId :

EP1-WC9(0-9.8)

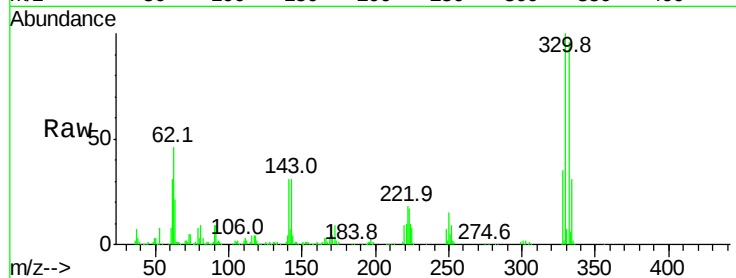
Tot Ion:330 Resp: 636469

Ion Ratio Lower Upper

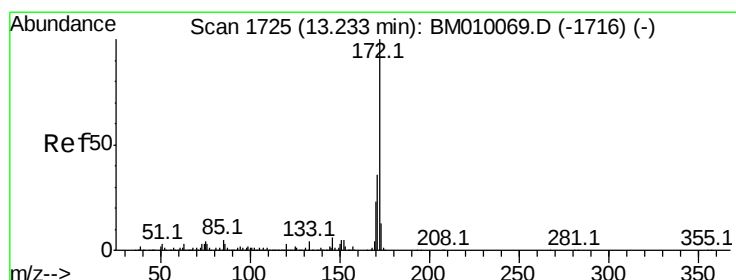
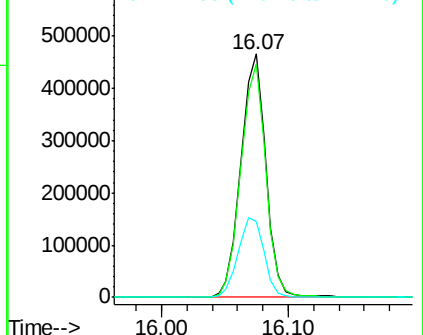
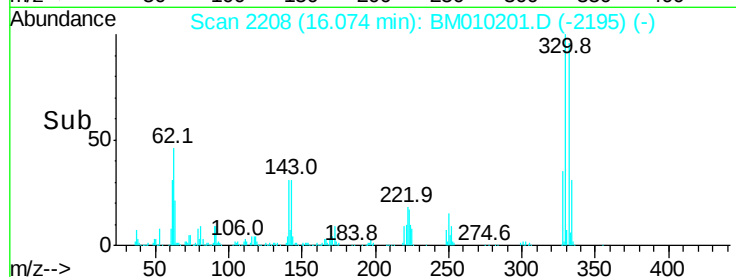
330 100

332 95.8 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: 113.71 ng

RT: 13.20 min Scan# 1720

Delta R.T. -0.03 min

Lab File: BM010201.D

Acq: 25 May 2017 04:50

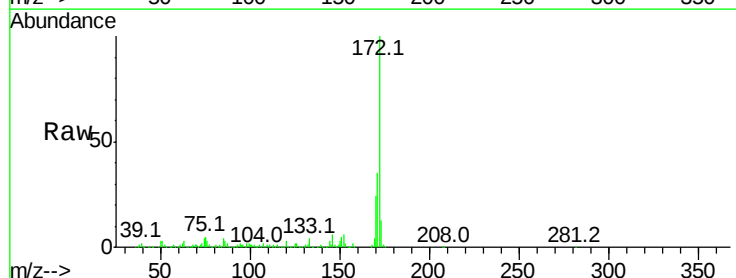
Tgt Ion:172 Resp: 2541244

Ion Ratio Lower Upper

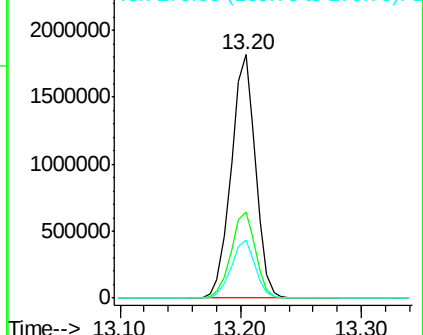
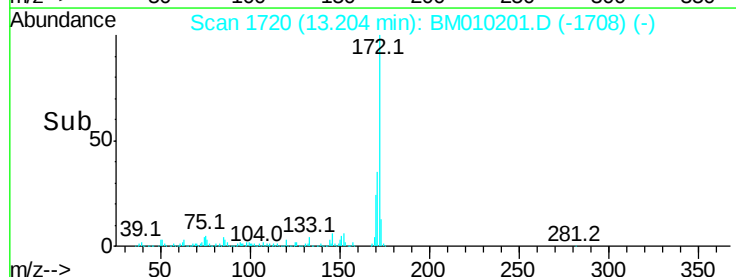
172 100

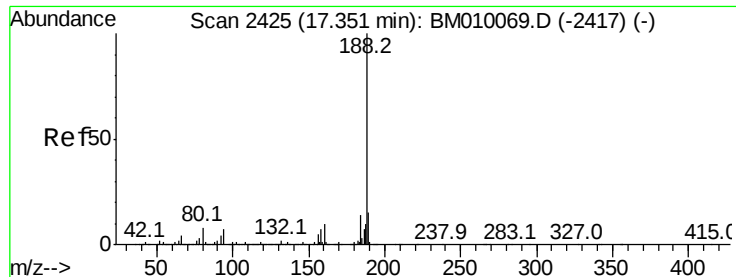
171 35.3 28.5 42.7

170 23.8 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: BM010201.D

Acq: 25 May 2017 04:50

Instrument :

BNA_M

ClientSampleId :

EP1-WC9(0-9.8)

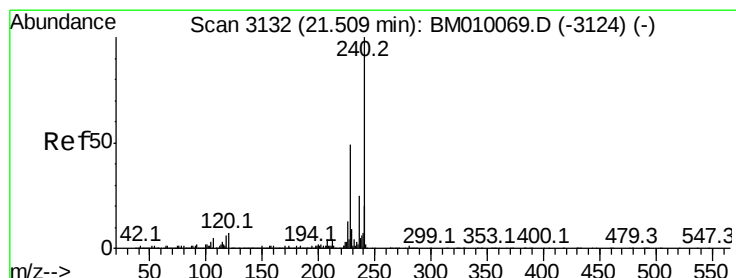
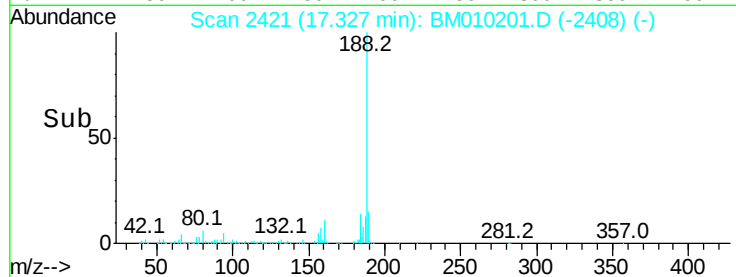
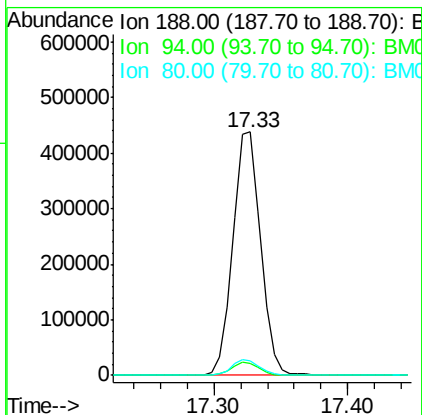
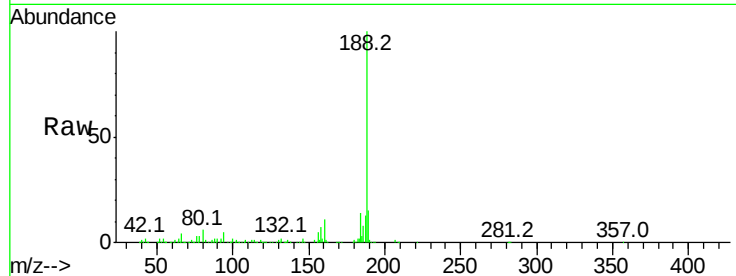
Tot Ion:188 Resp: 634576

Ion Ratio Lower Upper

188 100

94 4.8 8.7 13.1#

80 6.1 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: BM010201.D

Acq: 25 May 2017 04:50

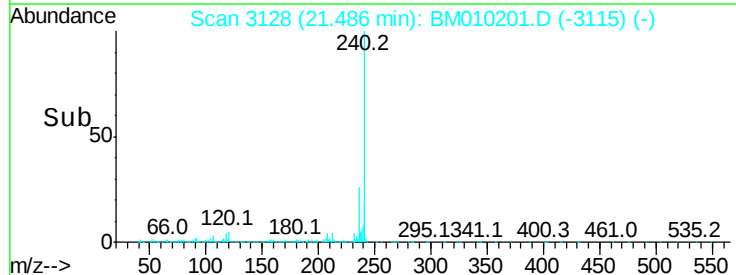
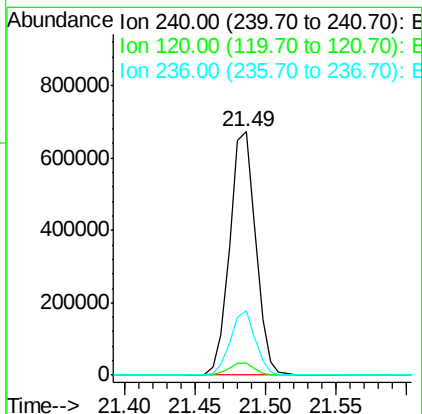
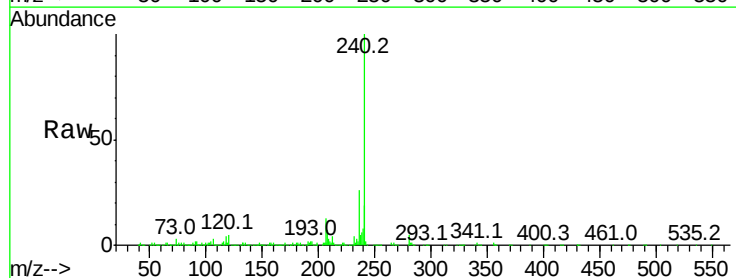
Tgt Ion:240 Resp: 866476

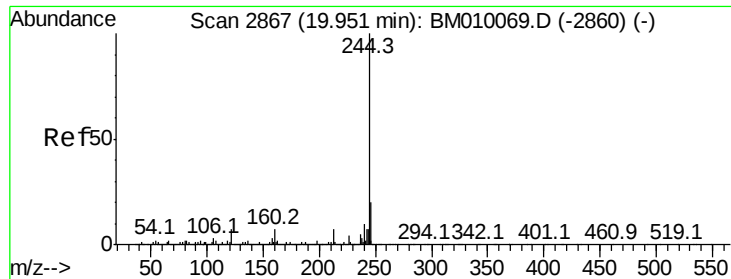
Ion Ratio Lower Upper

240 100

120 5.1 8.2 12.2#

236 26.3 20.0 30.0





#78

Terphenyl-d14

Concen: 93.82 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

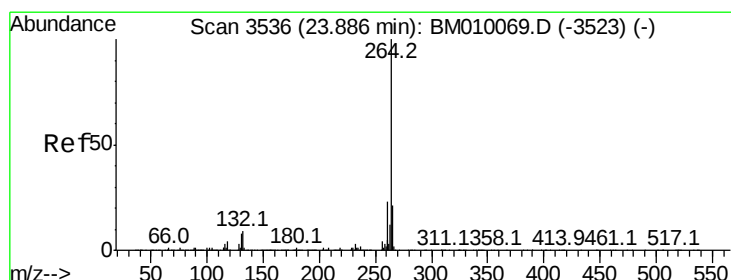
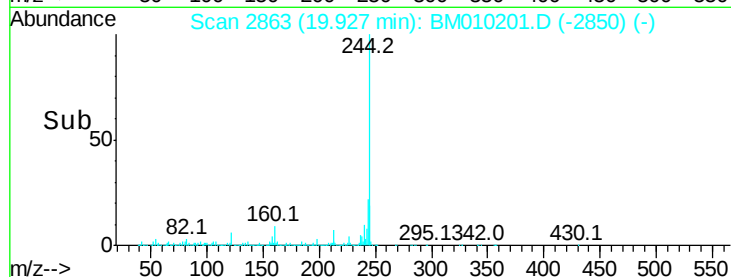
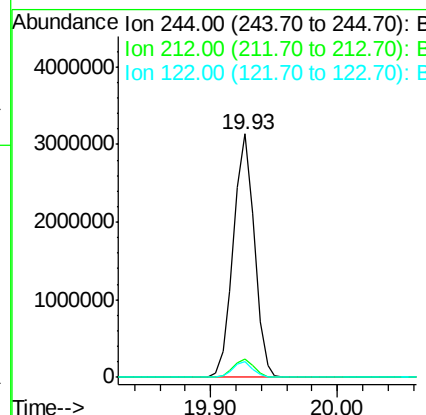
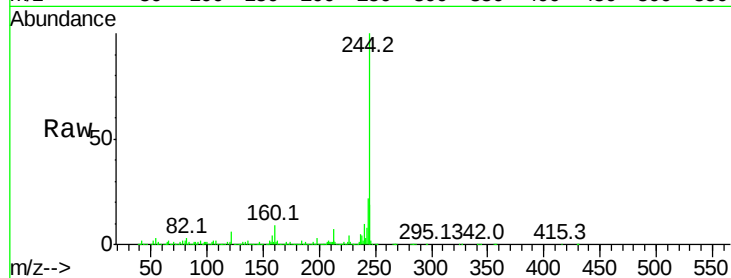
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BNA_M
ClientSampleId :
EP1-WC9(0-9.8)

Tot Ion:244 Resp: 3575045

Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.9	7.3
122	6.3	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: BM010201.D

Acq: 25 May 2017 04:50

Tgt Ion:264 Resp: 900207

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	27.8
265	22.1	17.3	25.9

