

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010202.D
 Acq On : 25 May 2017 05:26
 Operator : SJ/MA
 Sample : I3215-24
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EP1-WC9(9.8-12)

Quant Time: May 25 08:43:11 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	117139	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	385692	20.00	ng	-0.03
38) Acenaphthene-d10	14.58	164	235176	20.00	ng	-0.03
63) Phenanthrene-d10	17.33	188	589989	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	953344	20.00	ng	-0.02
86) Perylene-d12	23.84	264	1108678	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	896577	138.22	ng	-0.03
7) Phenol-d6	7.13	99	996170	119.35	ng	-0.04
23) Nitrobenzene-d5	9.13	82	788315	110.27	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	573101	160.45	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	2004723	109.59	ng	-0.03
78) Terphenyl-d14	19.93	244	3905671	93.15	ng	-0.02

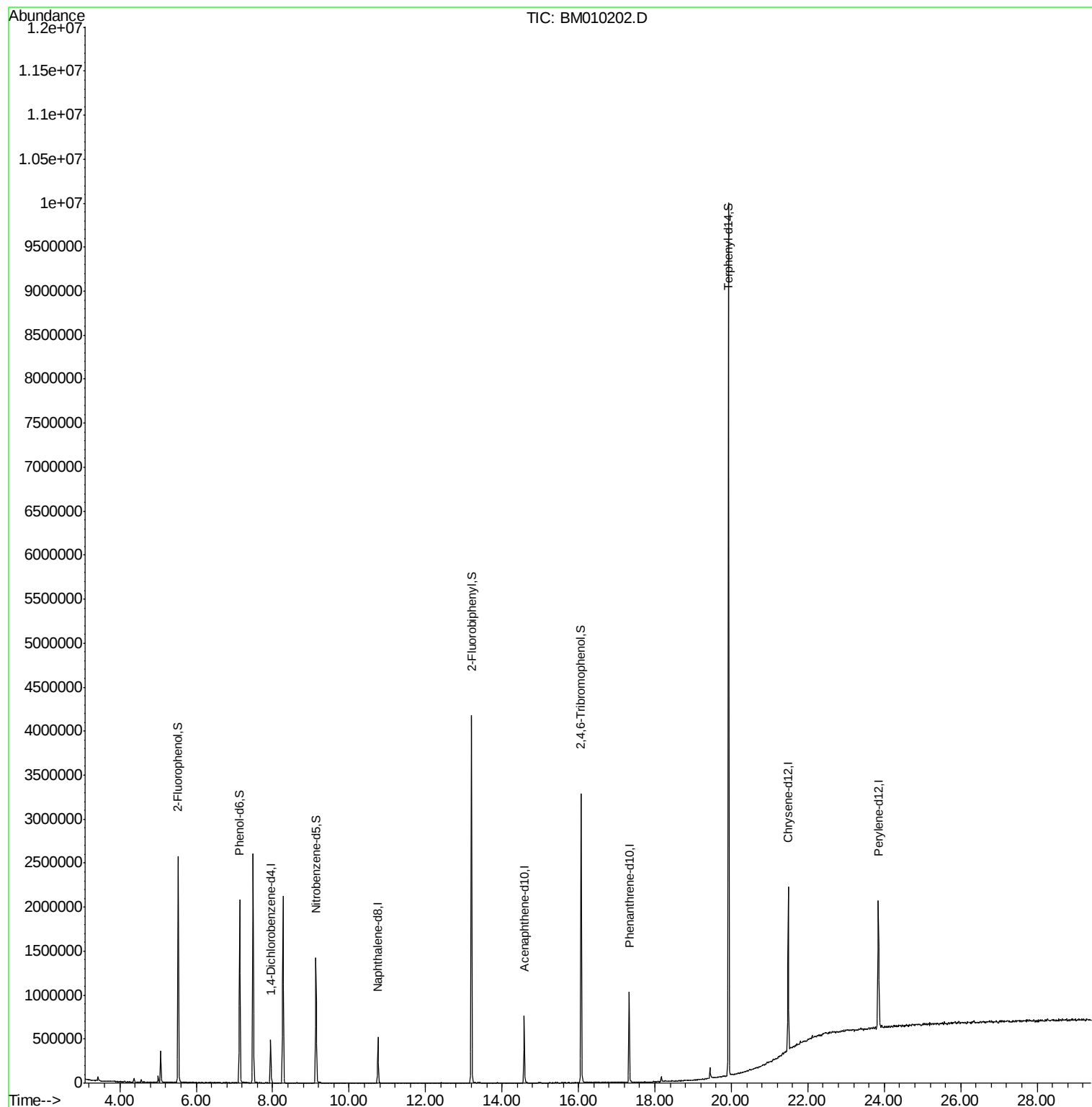
Target Compounds Qvalue

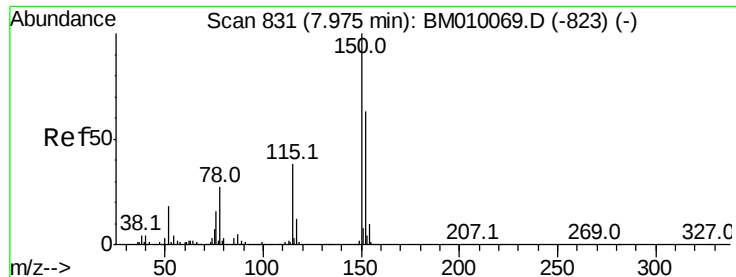
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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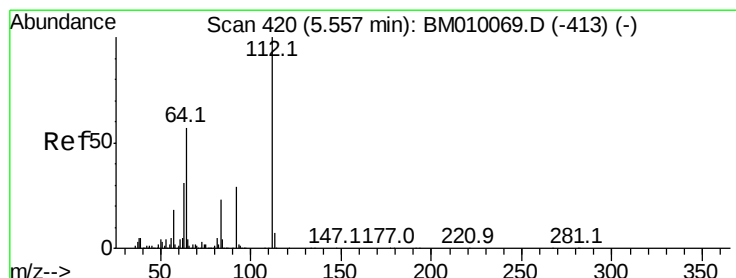
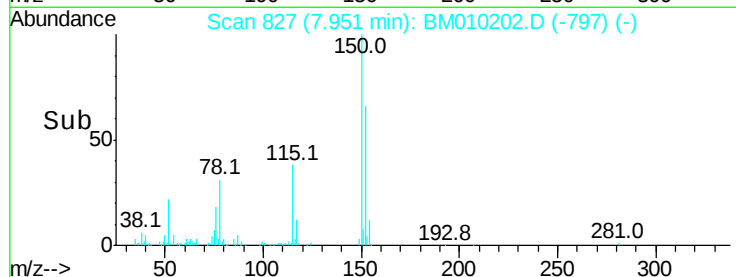
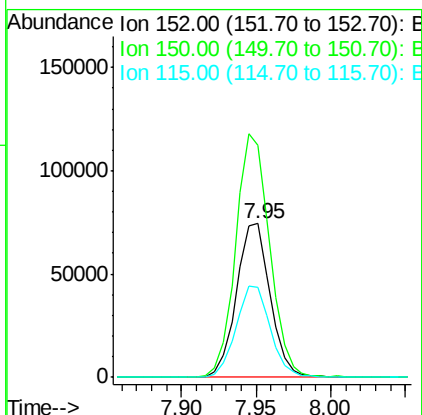
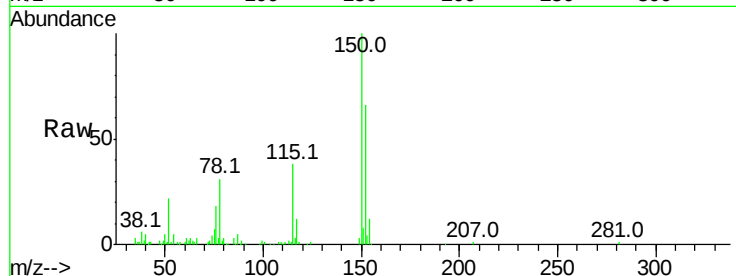


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010202.D
Acq: 25 May 2017 05:26

Instrument :
BNA_M
ClientSampleId :
EP1-WC9(9.8-12)

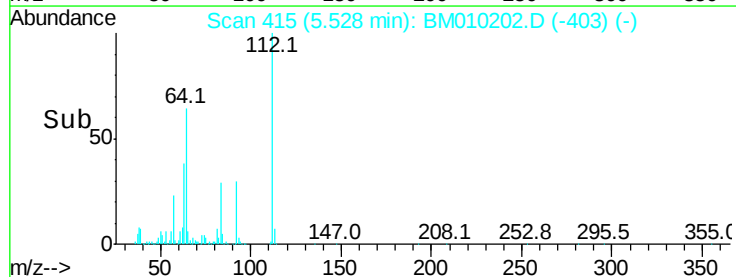
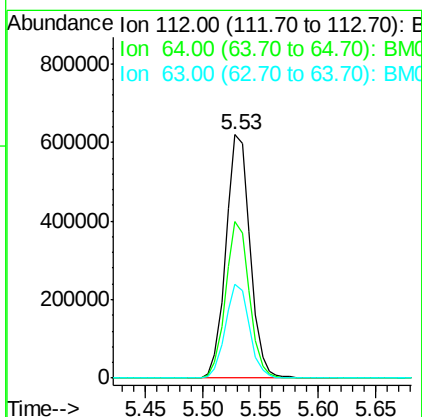
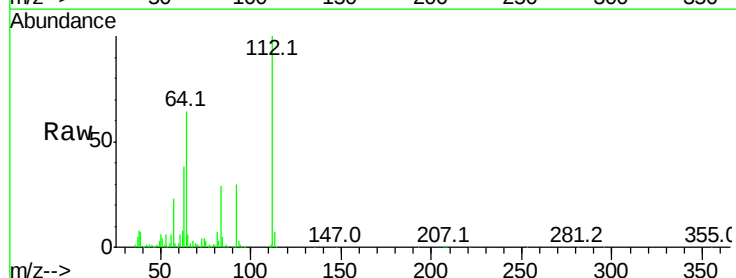
Tot Ion	152	Resp	117139
Ion	Ratio	Lower	Upper
152	100		
150	151.3	119.5	179.3
115	58.2	43.0	64.4

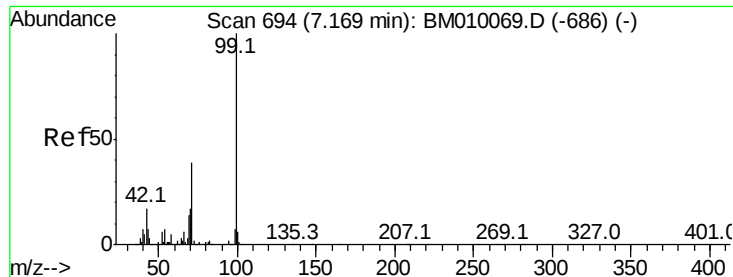


#5

2-Fluorophenol
Concen: 138.22 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.03 min
Lab File: BM010202.D
Acq: 25 May 2017 05:26

Tgt Ion	112	Resp	896577
Ion	Ratio	Lower	Upper
112	100		
64	64.1	38.6	57.8#
63	38.5	19.3	28.9#





#7

Phenol-d6

Concen: 119.35 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.04 min

Lab File: BM010202.D

Acq: 25 May 2017 05:26

Instrument :

BNA_M

ClientSampleId :

EP1-WC9(9.8-12)

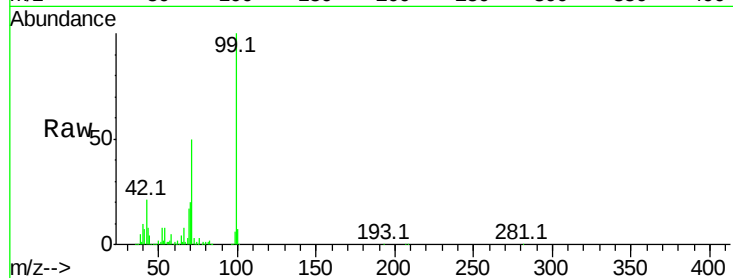
Tot Ion: 99 Resp: 996170

Ion Ratio Lower Upper

99 100

42 21.4 11.0 16.4#

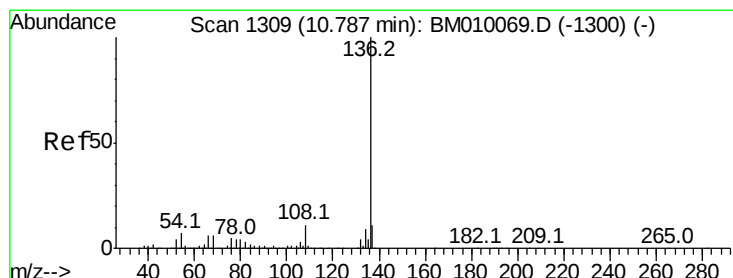
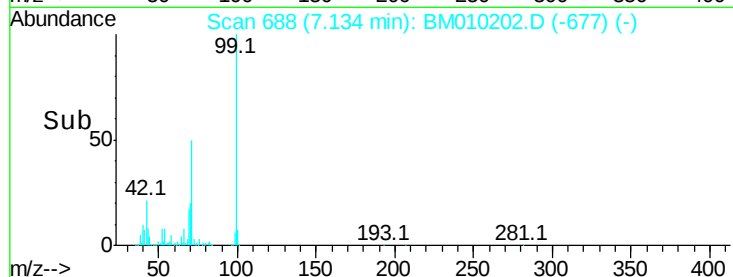
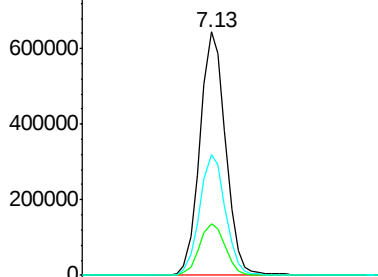
71 49.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010069.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010069.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010069.D (-686) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1304

Delta R.T. -0.03 min

Lab File: BM010202.D

Acq: 25 May 2017 05:26

Tgt Ion: 136 Resp: 385692

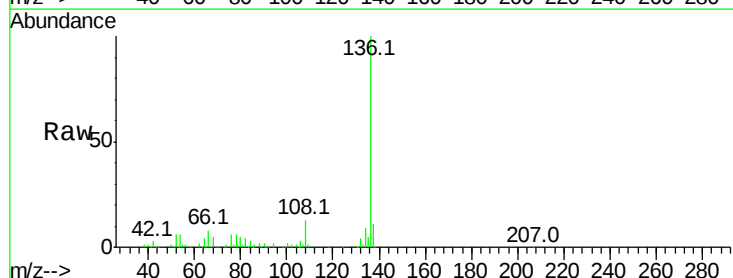
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.3 4.6 6.8

68 4.9 3.7 5.5

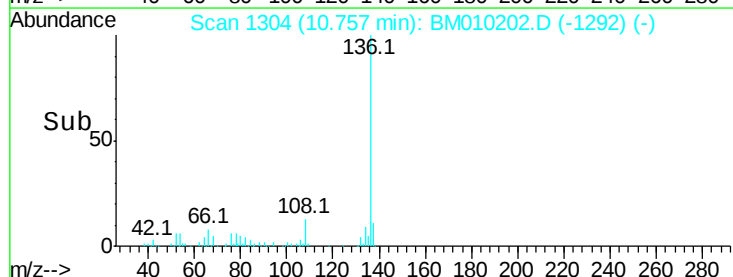
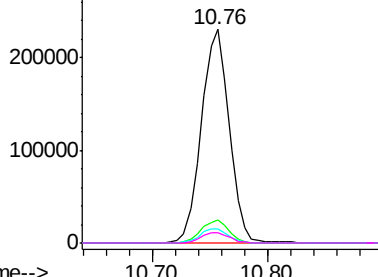


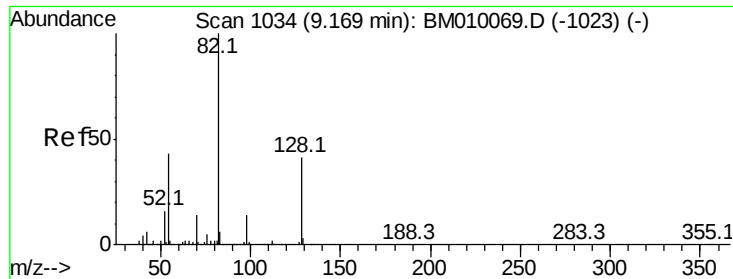
Abundance Ion 136.00 (135.70 to 136.70): BM010069.D (-1300) (-)

Ion 137.00 (136.70 to 137.70): BM010069.D (-1300) (-)

Ion 54.00 (53.70 to 54.70): BM010069.D (-1300) (-)

Ion 68.00 (67.70 to 68.70): BM010069.D (-1300) (-)

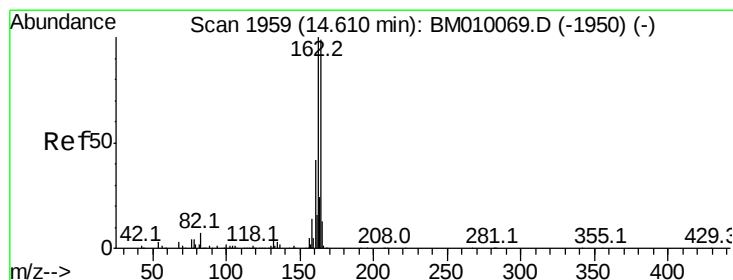
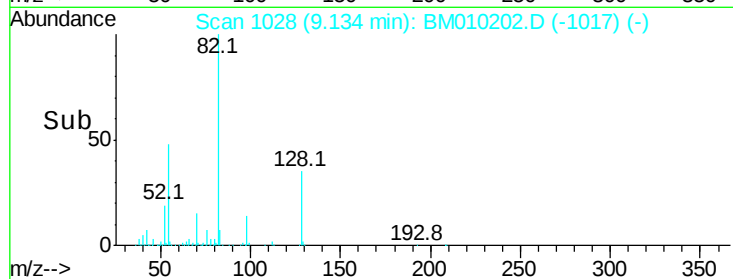
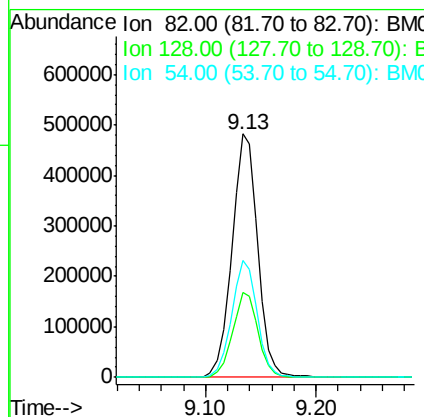
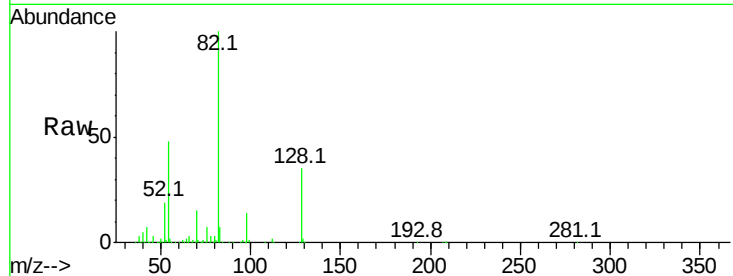




#23
 Nitrobenzene-d5
 Concen: 110.27 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BM010202.D
 Acq: 25 May 2017 05:26

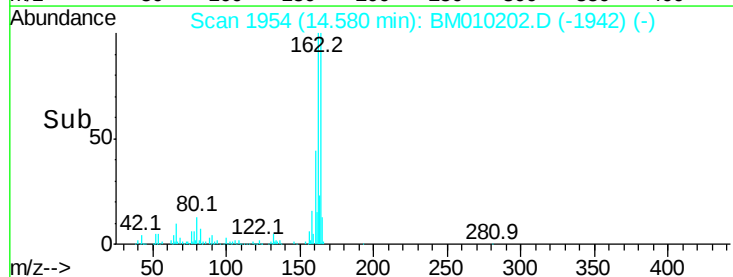
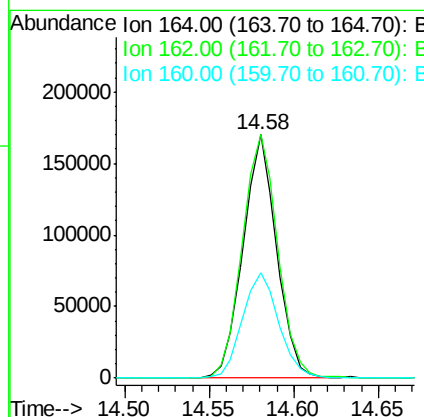
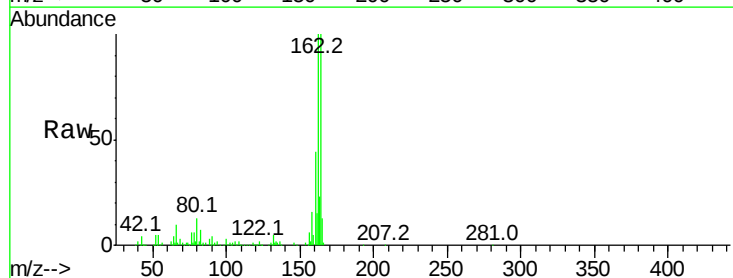
Instrument :
 BNA_M
 ClientSampleId :
 EP1-WC9(9.8-12)

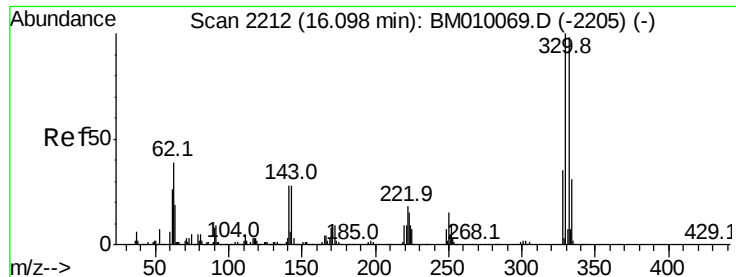
Tot Ion	82	Resp	788315
Ion	Ratio	Lower	Upper
82	100		
128	34.8	32.8	49.2
54	48.1	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.58 min Scan# 1954
 Delta R.T. -0.03 min
 Lab File: BM010202.D
 Acq: 25 May 2017 05:26

Tgt Ion	164	Resp	235176
Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.4	123.6
160	43.5	35.8	53.6

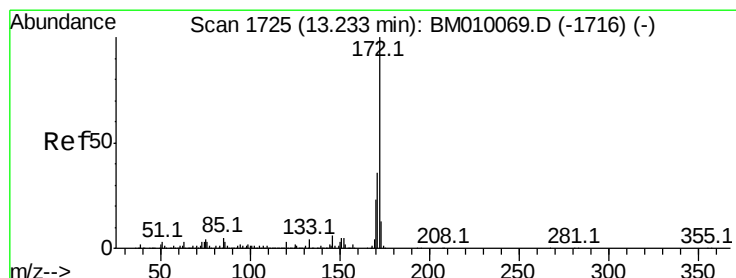
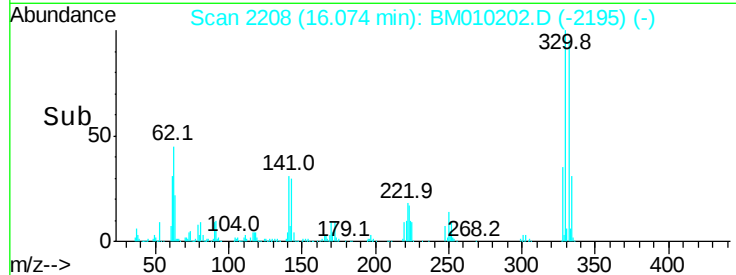
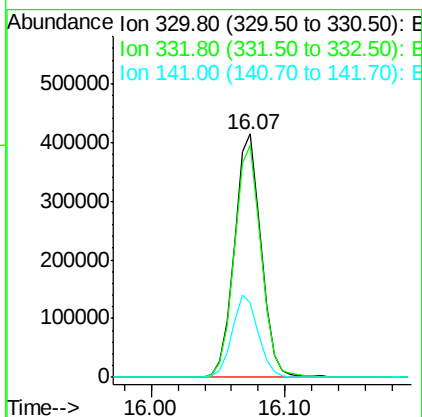
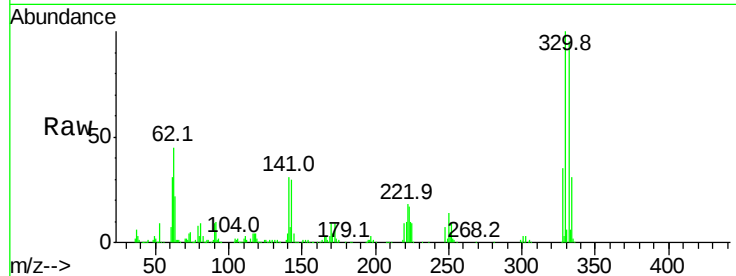




#41
 2,4,6-Tribromophenol
 Concen: 160.45 ng
 RT: 16.07 min Scan# 2208
 Delta R.T. -0.02 min
 Lab File: BM010202.D
 Acq: 25 May 2017 05:26

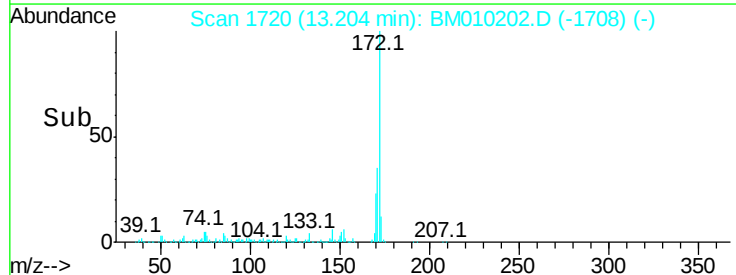
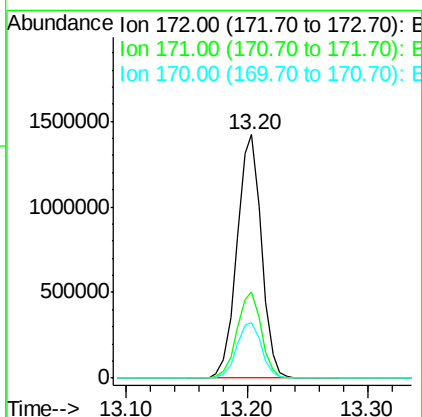
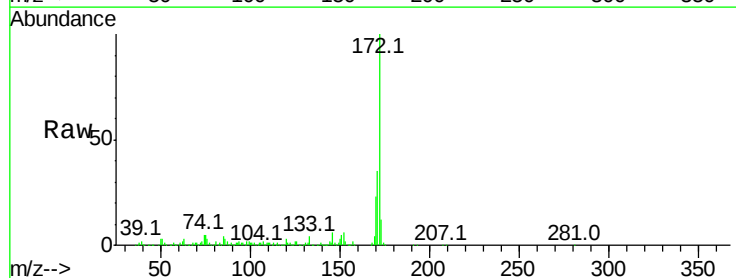
Instrument :
 BNA_M
 ClientSampleId :
 EP1-WC9(9.8-12)

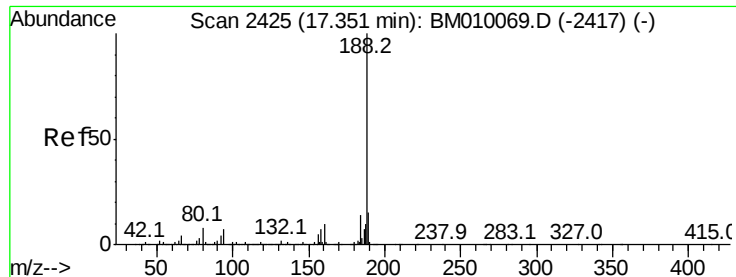
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	33.5	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 109.59 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BM010202.D
 Acq: 25 May 2017 05:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	22.7	18.8	28.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.33 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BM010202.D

Acq: 25 May 2017 05:26

Instrument :

BNA_M

ClientSampleId :

EP1-WC9(9.8-12)

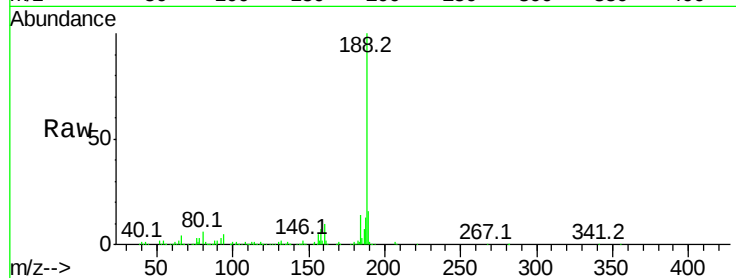
Tot Ion:188 Resp: 589989

Ion Ratio Lower Upper

188 100

94 4.9 8.7 13.1#

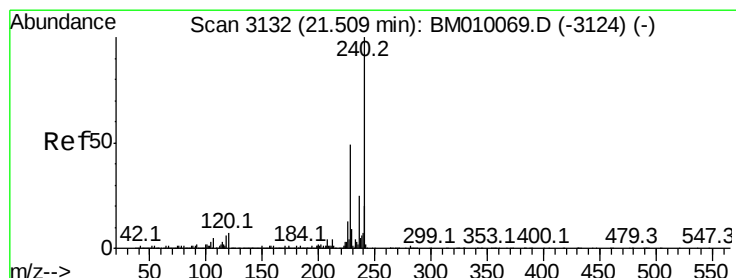
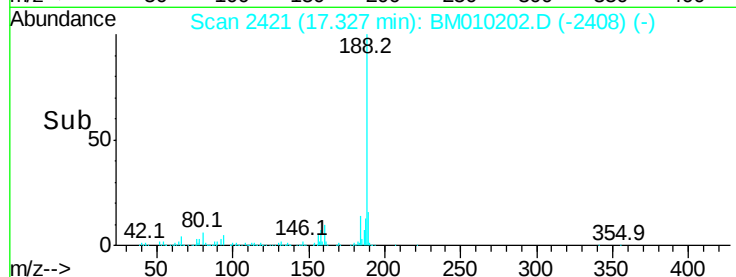
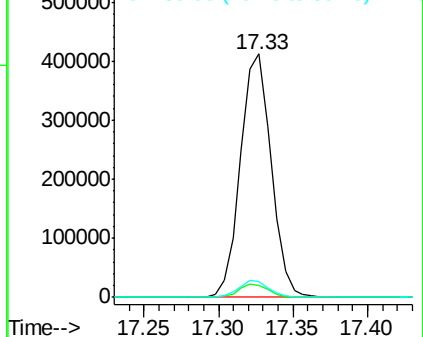
80 6.4 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.49 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BM010202.D

Acq: 25 May 2017 05:26

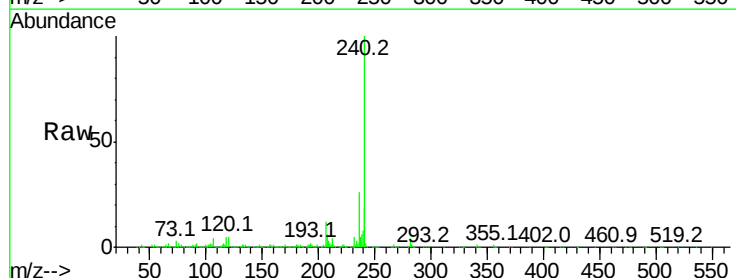
Tgt Ion:240 Resp: 953344

Ion Ratio Lower Upper

240 100

120 4.7 8.2 12.2#

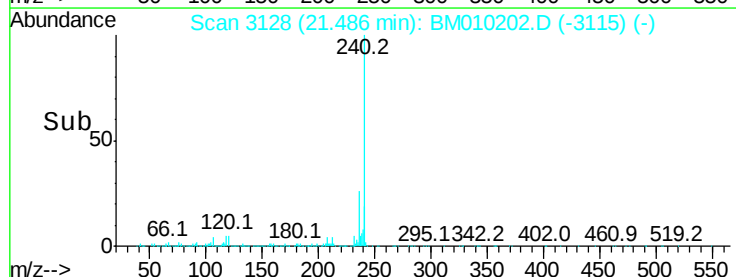
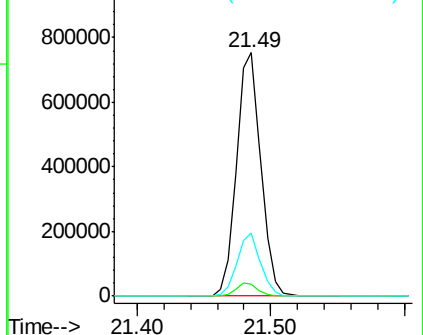
236 25.7 20.0 30.0

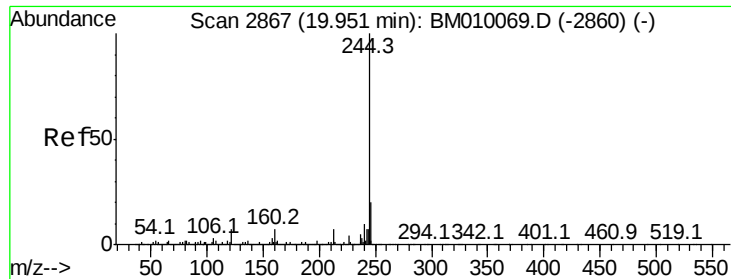


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.15 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM010202.D

Acq: 25 May 2017 05:26

Instrument :

BNA_M

ClientSampleId :

EP1-WC9(9.8-12)

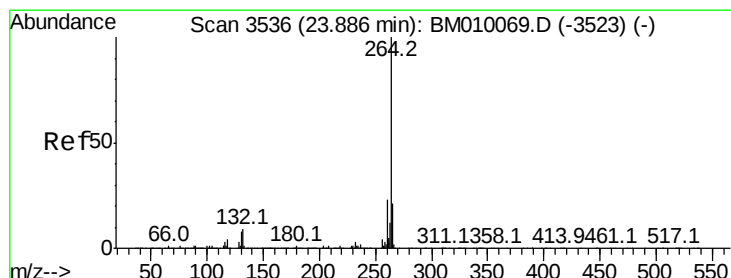
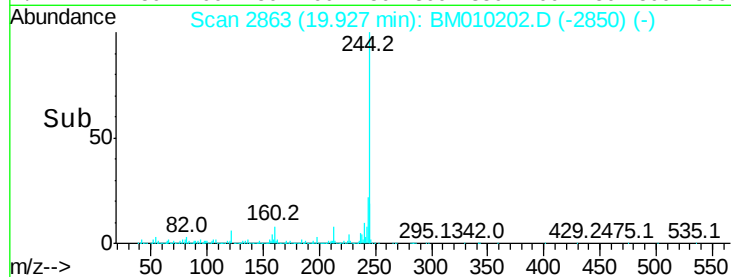
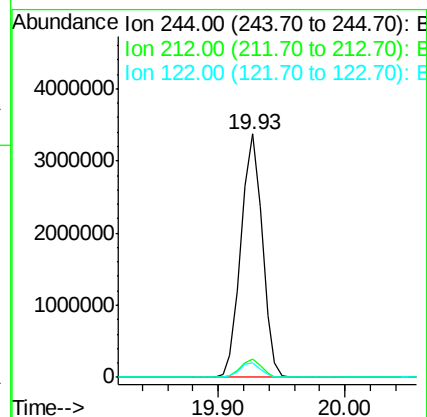
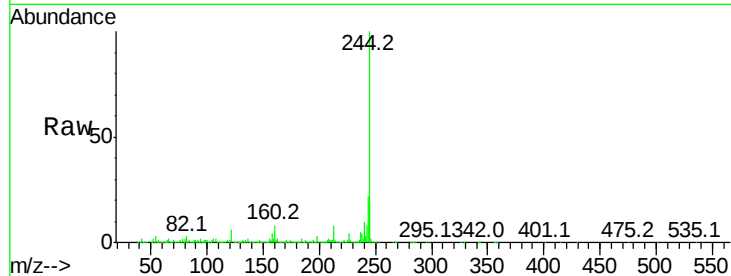
Tot Ion:244 Resp: 3905671

Ion Ratio Lower Upper

244 100

212 7.6 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: BM010202.D

Acq: 25 May 2017 05:26

Tgt Ion:264 Resp: 1108678

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.7 17.3 25.9

