

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010186.D
 Acq On : 24 May 2017 18:26
 Operator : SJ/MA
 Sample : I3221-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX-07

Quant Time: May 25 06:53:18 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

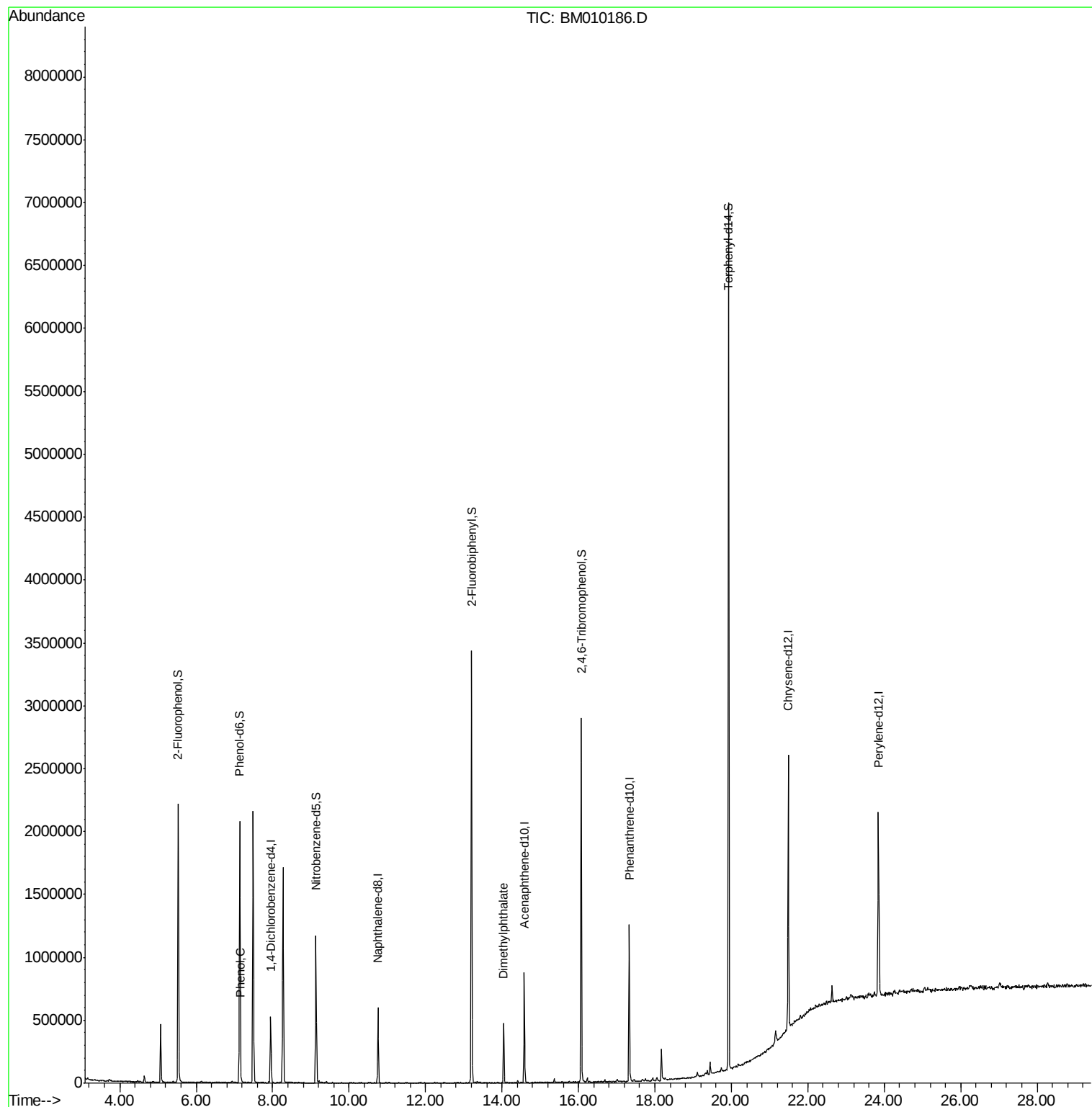
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	134071	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	435307	20.00	ng	-0.03
38) Acenaphthene-d10	14.58	164	275270	20.00	ng	-0.03
63) Phenanthrene-d10	17.33	188	694654	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1056261	20.00	ng	-0.02
86) Perylene-d12	23.85	264	1177950	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	791779	106.65	ng	-0.02
7) Phenol-d6	7.14	99	1003714	105.07	ng	-0.03
23) Nitrobenzene-d5	9.13	82	667341	82.71	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	464441	111.09	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	1609588	75.17	ng	-0.03
78) Terphenyl-d14	19.93	244	2833294	60.99	ng	-0.02
Target Compounds						
10) Phenol	7.16	94	20816	2.07	ng	Qvalue 86
49) Dimethylphthalate	14.04	163	281239	11.45	ng	# 98

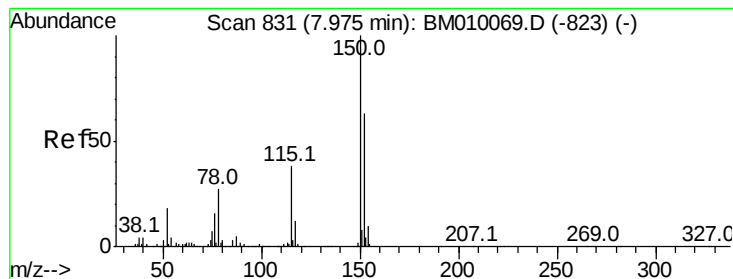
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM010186.D

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BNA_M

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EX-07

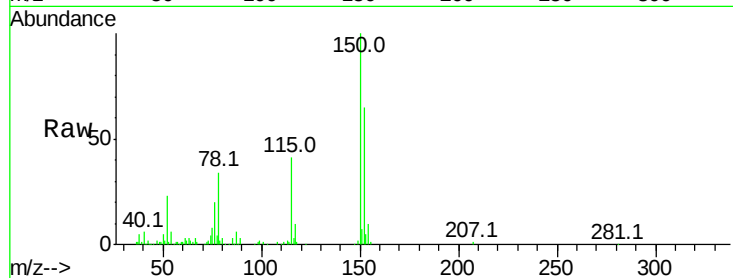
Tot Ion:152 Resp: 134071

Ion Ratio Lower Upper

152 100

150 152.9 119.5 179.3

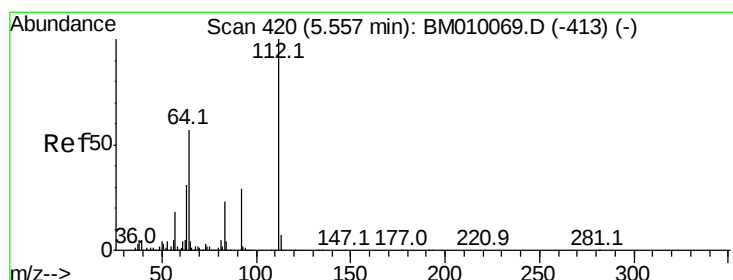
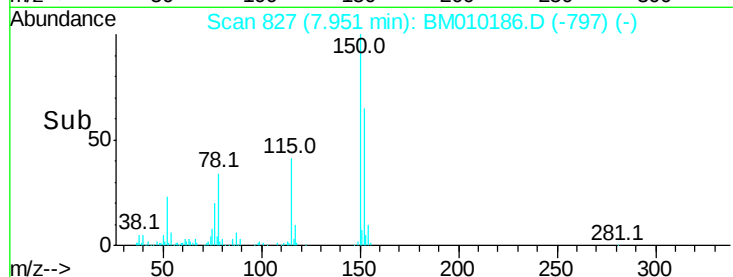
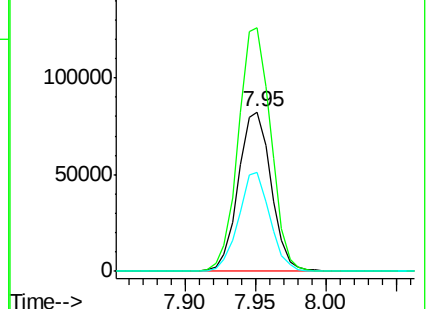
115 62.3 43.0 64.4



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: 106.65 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.02 min

Lab File: BM010186.D

Acq: 24 May 2017 18:26

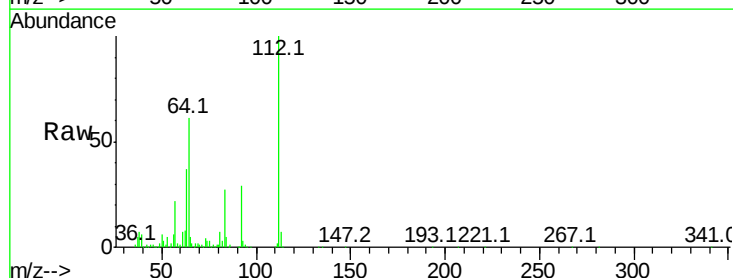
Tgt Ion:112 Resp: 791779

Ion Ratio Lower Upper

112 100

64 60.6 38.6 57.8#

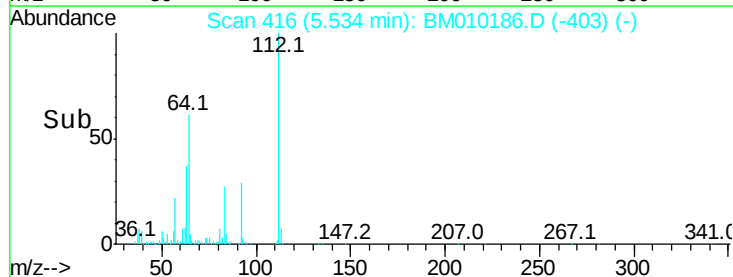
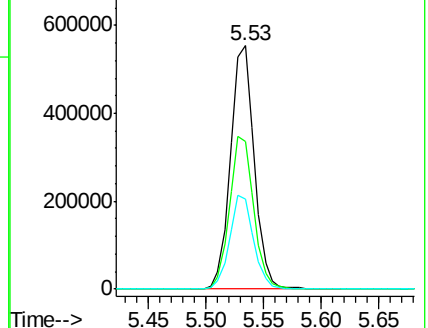
63 36.9 19.3 28.9#

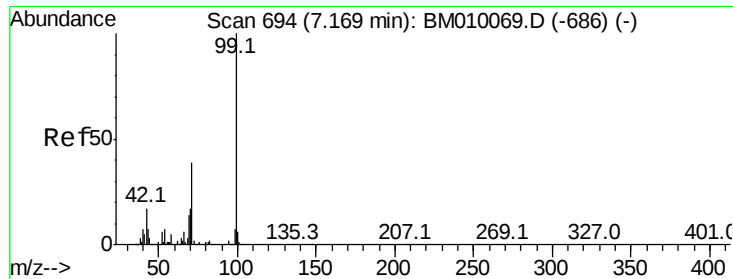


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 105.07 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010186.D

Acq: 24 May 2017 18:26

Instrument :

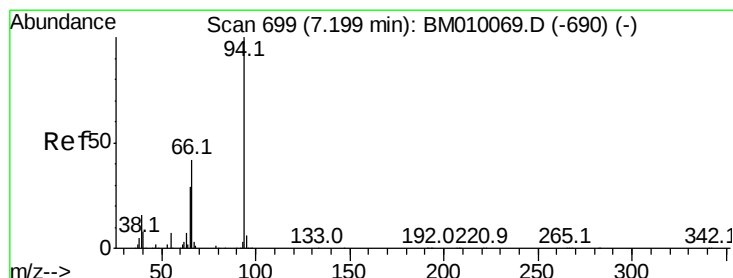
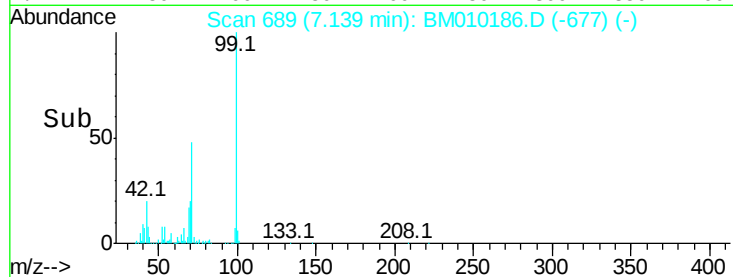
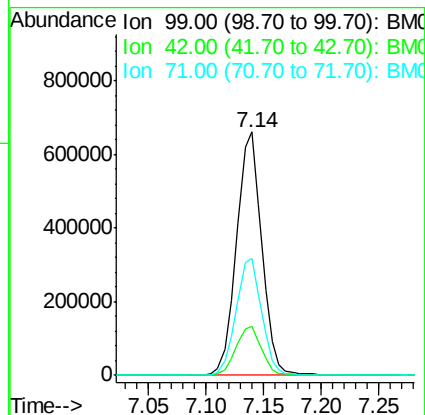
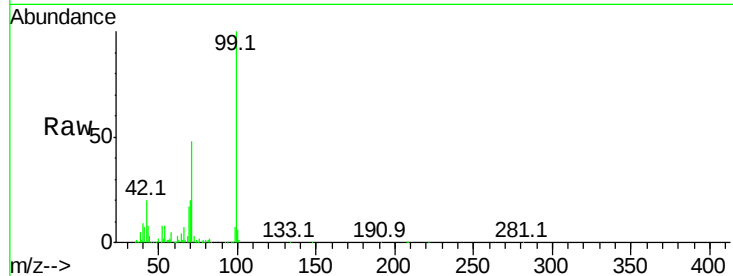
BNA_M

ClientSampleId :

EX-07

Tot Ion: 99 Resp: 1003714

Ion	Ratio	Lower	Upper
99	100		
42	20.0	11.0	16.4#
71	47.8	23.4	35.2#



#10

Phenol

Concen: 2.07 ng

RT: 7.16 min Scan# 693

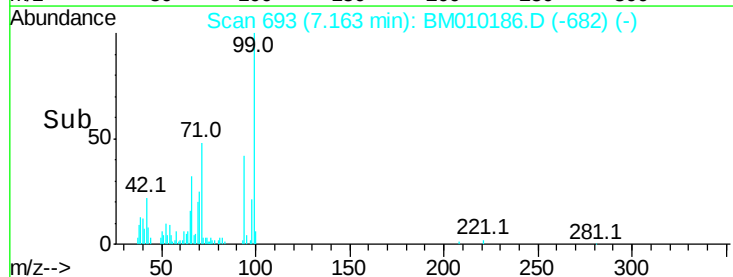
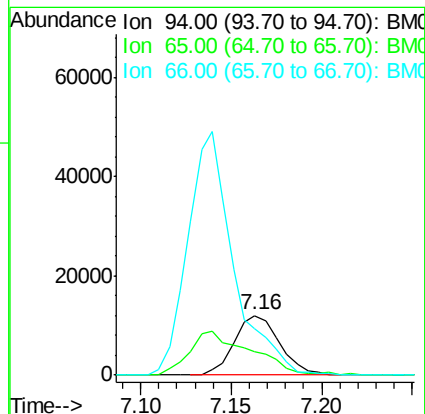
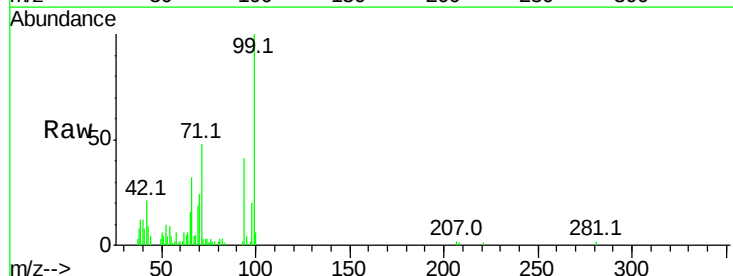
Delta R.T. -0.04 min

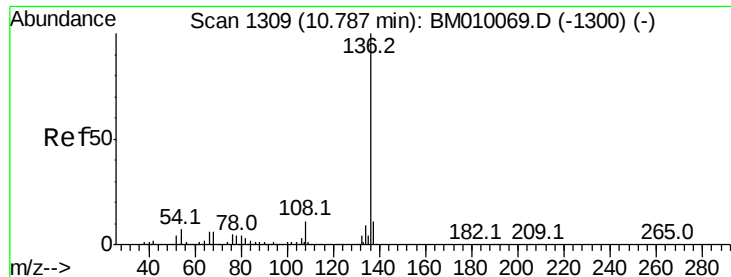
Lab File: BM010186.D

Acq: 24 May 2017 18:26

Tgt Ion: 94 Resp: 20816

Ion	Ratio	Lower	Upper
94	100		
65	39.3	18.8	58.8
66	77.1	39.9	79.9

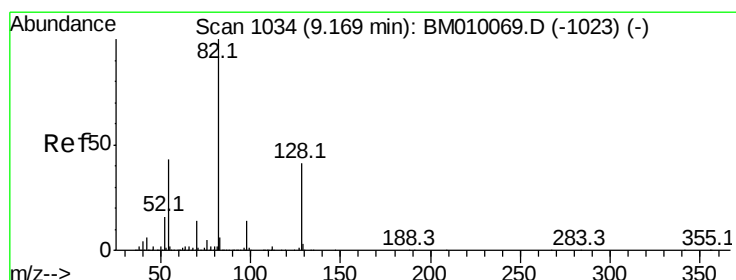
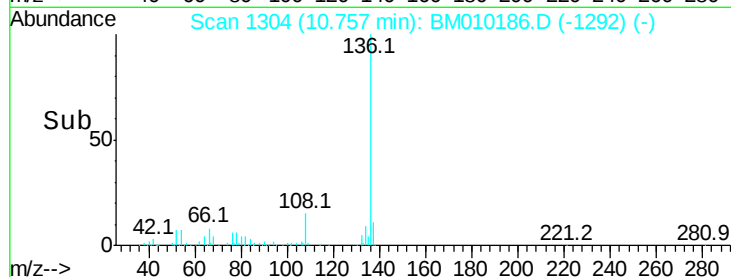
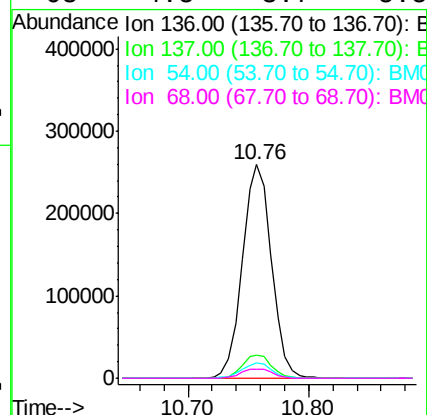
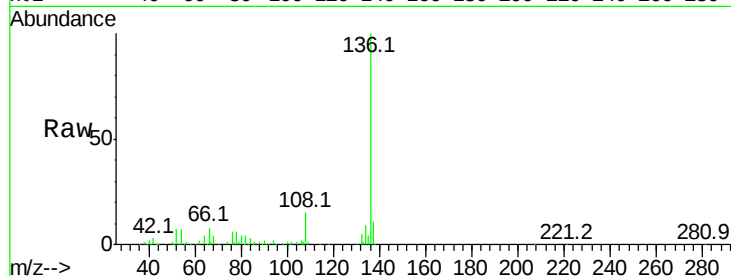




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BM010186.D
Acq: 24 May 2017 18:26

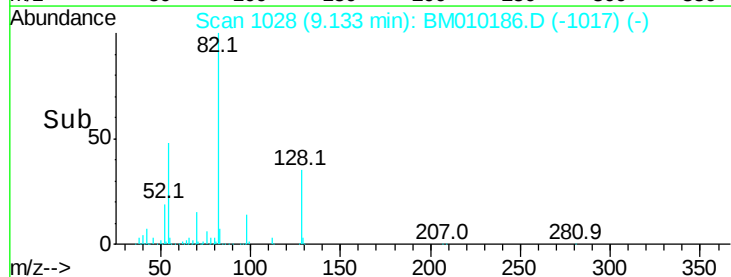
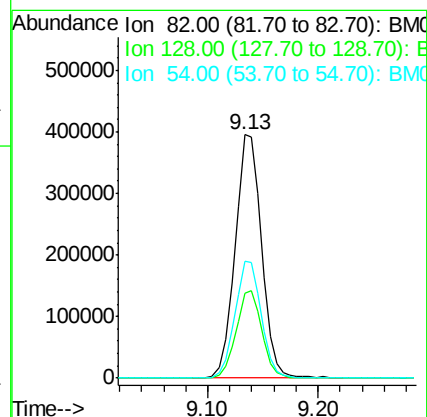
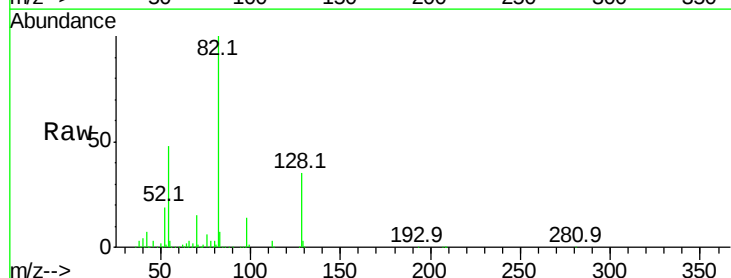
Instrument :
BNA_M
ClientSampleId :
EX-07

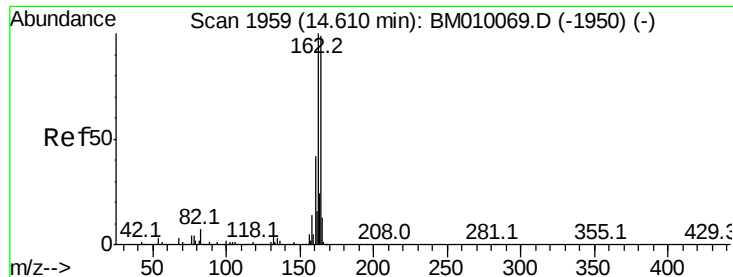
Tot Ion:136	Resp:	435307
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.7	13.1
54 7.2	4.6	6.8#
68 4.5	3.7	5.5



#23
Nitrobenzene-d5
Concen: 82.71 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BM010186.D
Acq: 24 May 2017 18:26

Tgt Ion: 82	Resp: 667341
Ion Ratio	Lower Upper
82 100	
128 34.6	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: BM010186.D

Acq: 24 May 2017 18:26

Instrument :

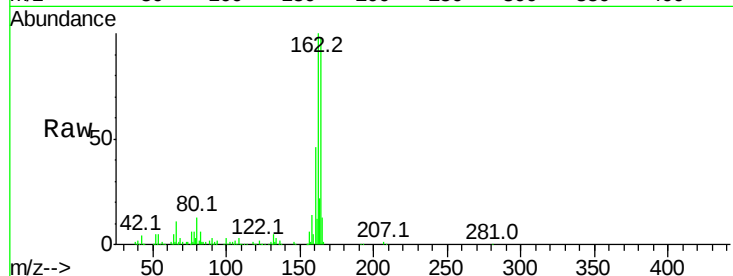
BNA_M

ClientSampled :

EX-07

Tot Ion:164 Resp: 275270

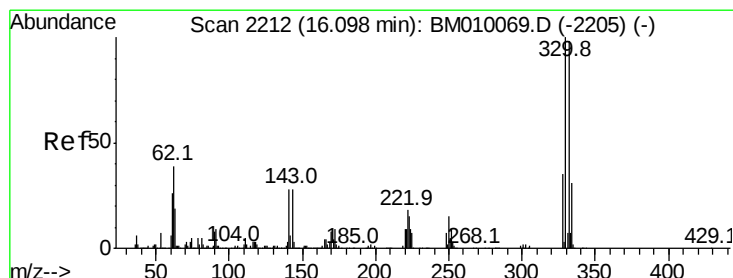
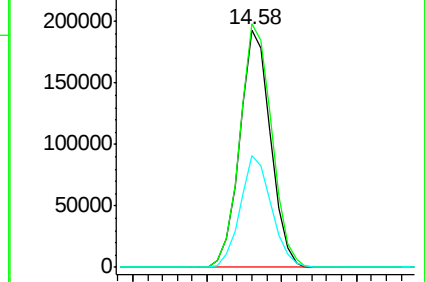
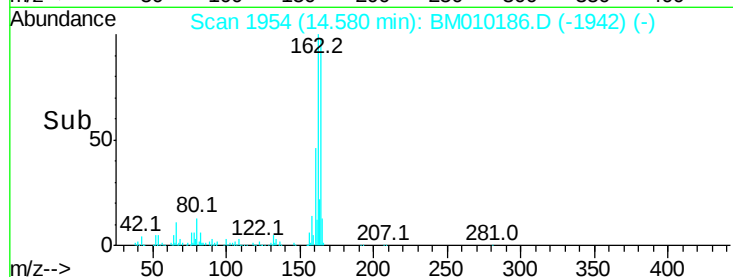
Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.4	123.6
160	47.3	35.8	53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 111.09 ng

RT: 16.07 min Scan# 2208

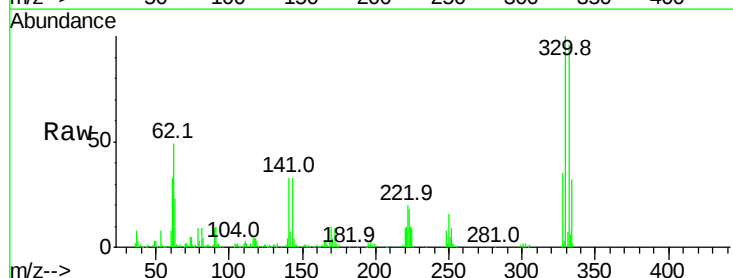
Delta R.T. -0.02 min

Lab File: BM010186.D

Acq: 24 May 2017 18:26

Tgt Ion:330 Resp: 464441

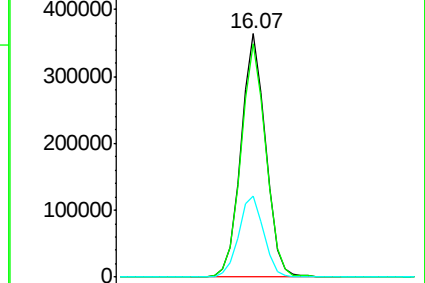
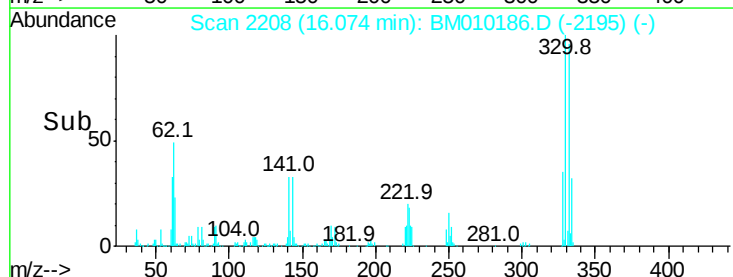
Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	34.4	0.0	0.0#

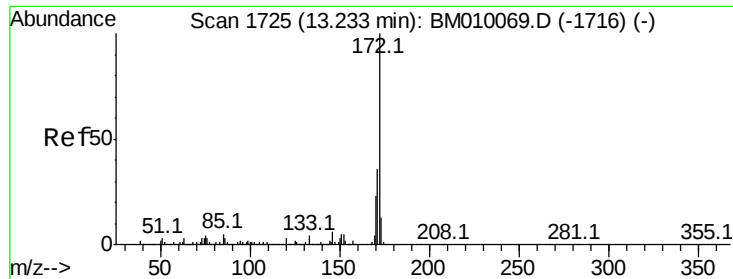


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

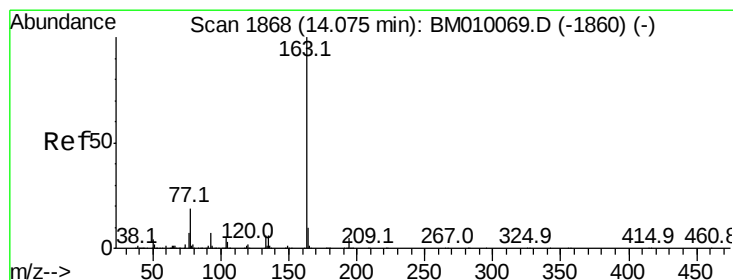
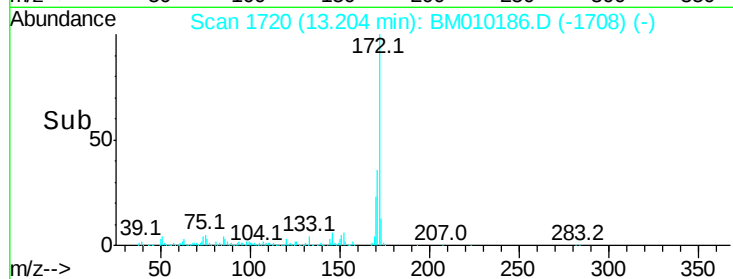
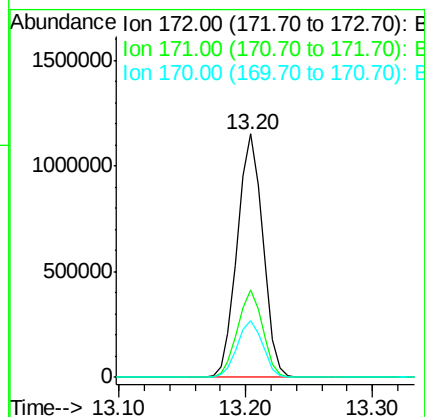
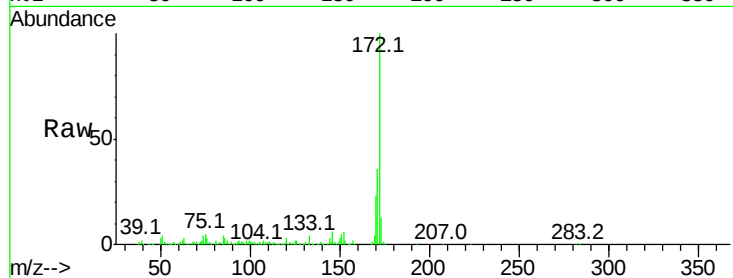




#44
2-Fluorobiphenyl
Concen: 75.17 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BM010186.D
Acq: 24 May 2017 18:26

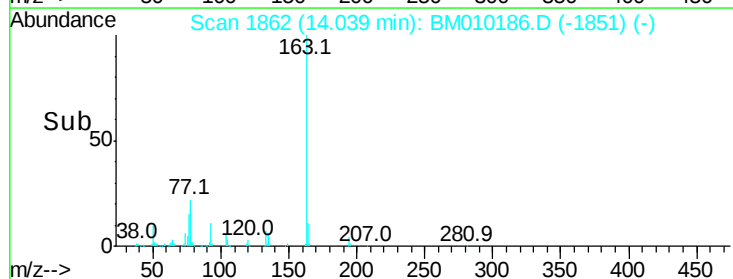
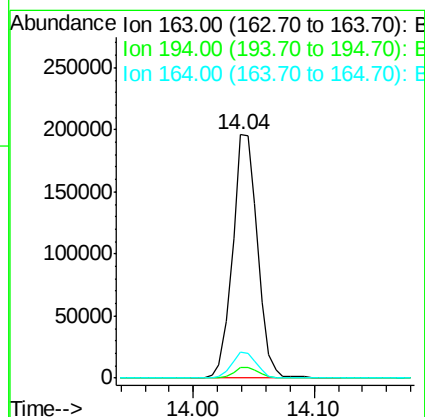
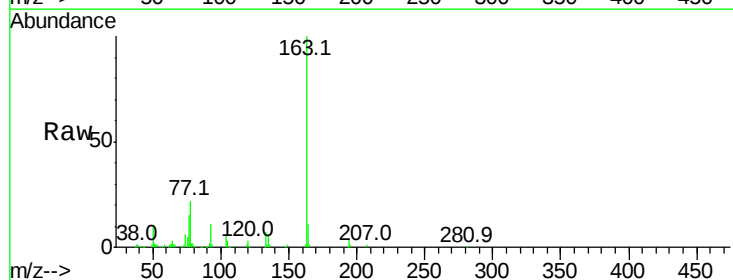
Instrument :
BNA_M
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EX-07

Tot Ion:172 Resp: 1609588
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.5 18.8 28.2



#49
Dimethylphthalate
Concen: 11.45 ng
RT: 14.04 min Scan# 1862
Delta R.T. -0.04 min
Lab File: BM010186.D
Acq: 24 May 2017 18:26

Tgt Ion:163 Resp: 281239
Ion Ratio Lower Upper
163 100
194 4.4 2.7 4.1#
164 10.6 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.33 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BM010186.D

Acq: 24 May 2017 18:26

Instrument :

BNA_M

ClientSampleId :

EX-07

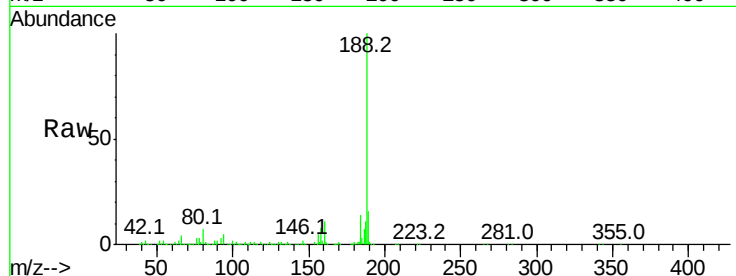
Tot Ion:188 Resp: 694654

Ion Ratio Lower Upper

188 100

94 5.1 8.7 13.1#

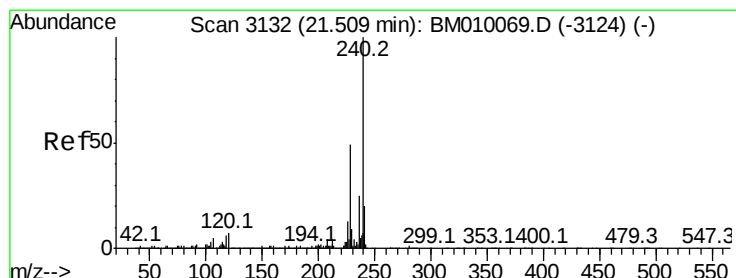
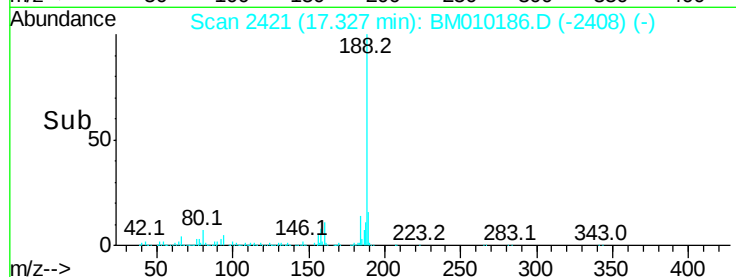
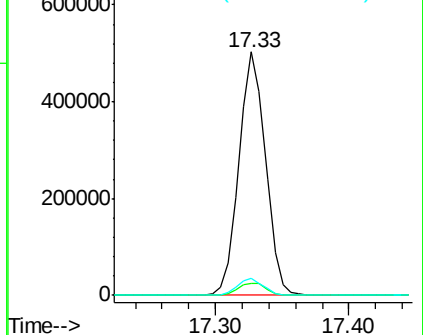
80 6.8 9.3 13.9#



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: BM010186.D

Acq: 24 May 2017 18:26

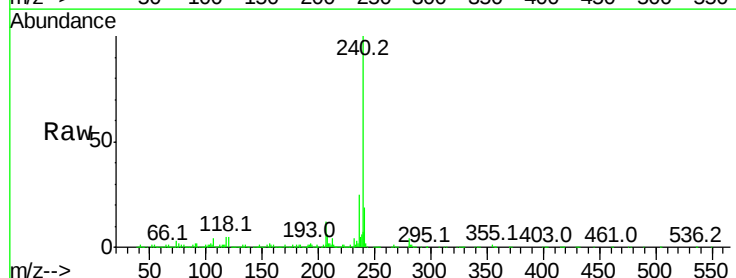
Tgt Ion:240 Resp: 1056261

Ion Ratio Lower Upper

240 100

120 5.0 8.2 12.2#

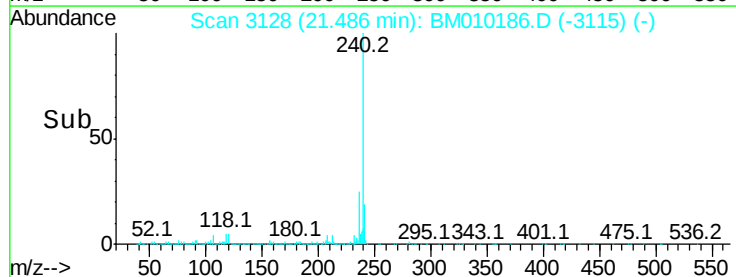
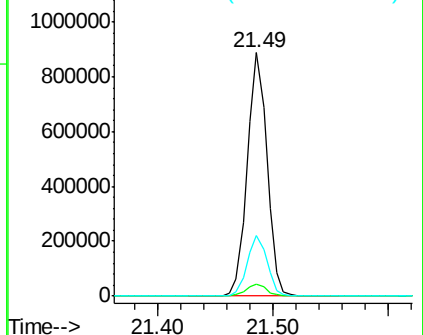
236 24.8 20.0 30.0



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: 60.99 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

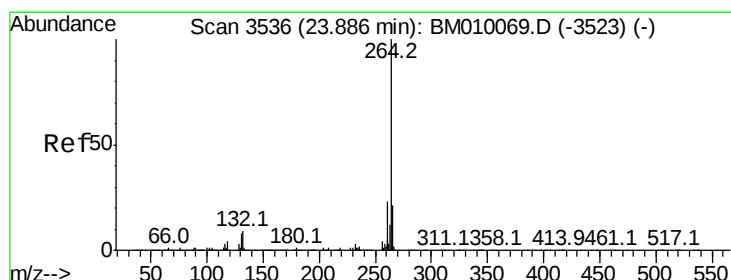
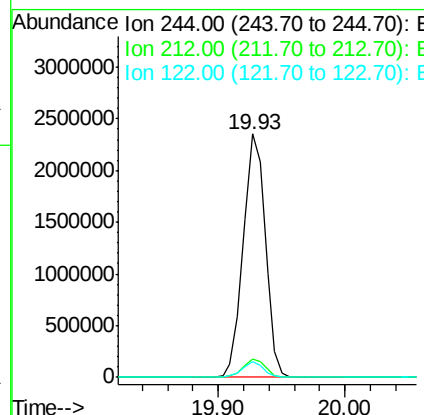
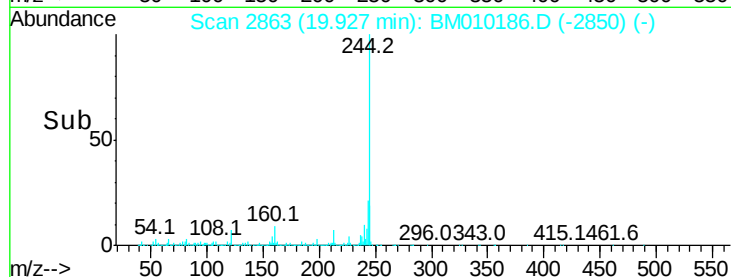
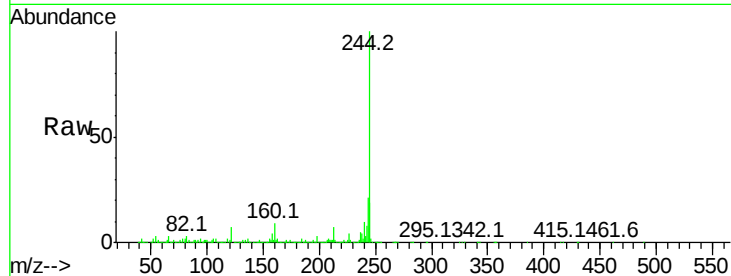
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Tot Ion:244 Resp: 2833294

Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.9	7.3
122	6.6	6.2	9.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.85 min Scan# 3530

Delta R.T. -0.04 min

Lab File: BM010186.D

Acq: 24 May 2017 18:26

Tgt Ion:264 Resp: 1177950

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.2	17.3	25.9

