

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
 Data File : BM010031.D
 Acq On : 12 May 2017 19:40
 Operator : SJ/MA
 Sample : I3100-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PMW-2-051017

Quant Time: May 13 02:48:44 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 19:50:16 2017
 Response via : Initial Calibration

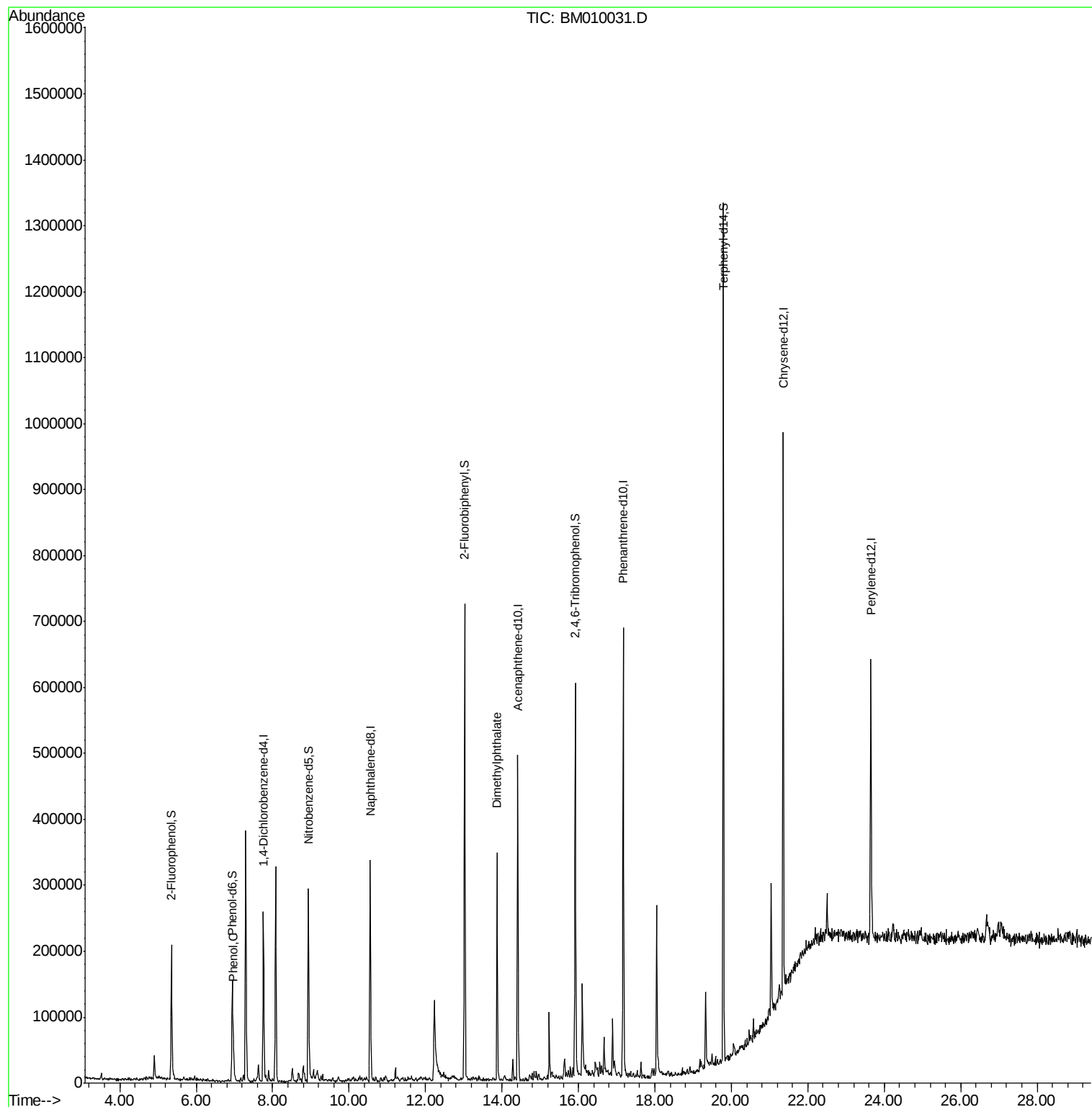
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	49940	20.00	ng	-0.02
21) Naphthalene-d8	10.55	136	216640	20.00	ng	-0.03
38) Acenaphthene-d10	14.41	164	138108	20.00	ng	-0.03
63) Phenanthrene-d10	17.17	188	336105	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	363730	20.00	ng	-0.03
86) Perylene-d12	23.65	264	298091	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	68038	21.32	ng	-0.02
7) Phenol-d6	6.95	99	68433	13.38	ng	-0.02
23) Nitrobenzene-d5	8.93	82	173667	29.30	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	76225	40.33	ng	-0.02
44) 2-Fluorobiphenyl	13.02	172	293563	28.43	ng	-0.03
78) Terphenyl-d14	19.79	244	453040	26.25	ng	-0.02
Target Compounds						
10) Phenol	6.97	94	23884	4.30	ng	90
49) Dimethylphthalate	13.87	163	172260	14.15	ng	96

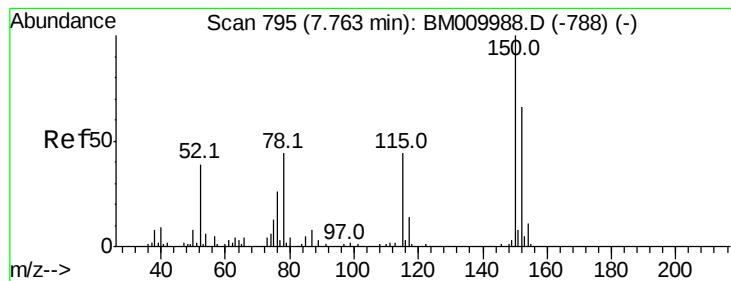
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 794

Delta R.T. -0.02 min

Lab File: BM010031.D

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PMW-2-051017

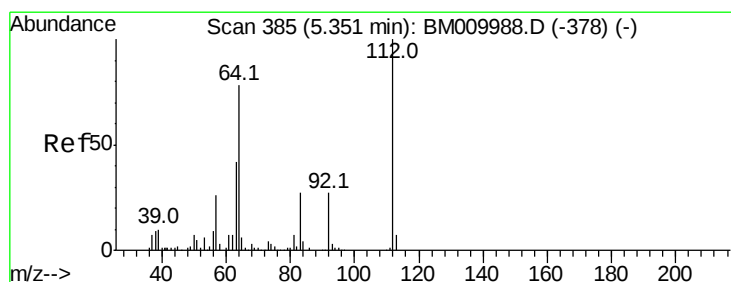
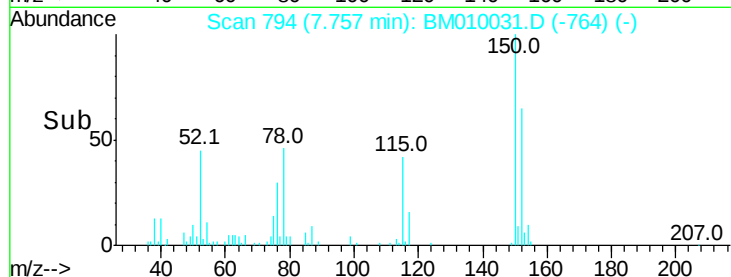
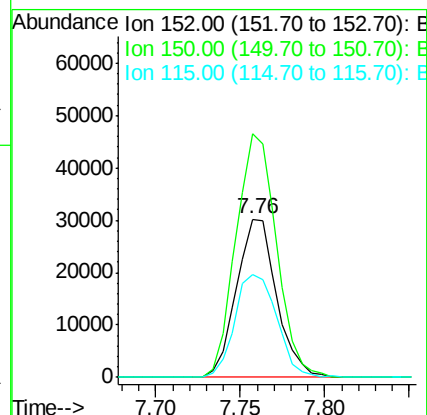
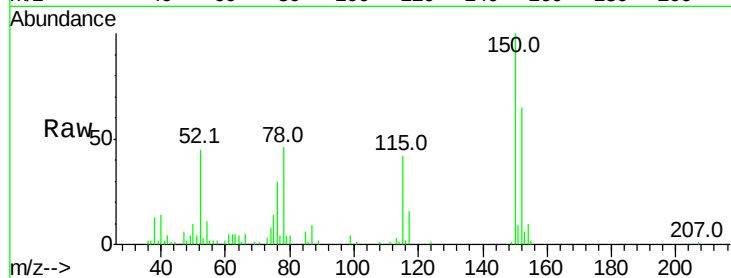
Tot Ion:152 Resp: 49940

Ion Ratio Lower Upper

152 100

150 154.2 119.5 179.3

115 65.5 43.0 64.4#



#5

2-Fluorophenol

Concen: 21.32 ng

RT: 5.35 min Scan# 385

Delta R.T. -0.02 min

Lab File: BM010031.D

Acq: 12 May 2017 19:40

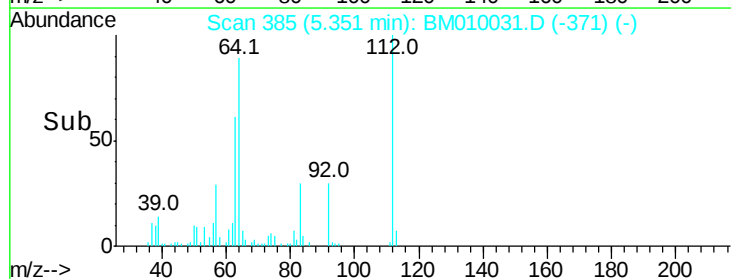
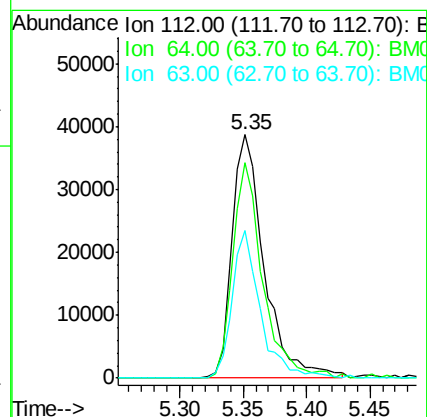
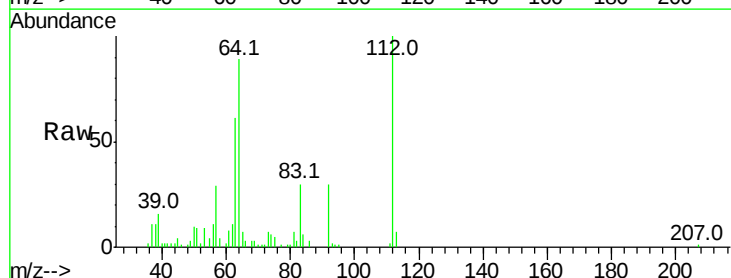
Tgt Ion:112 Resp: 68038

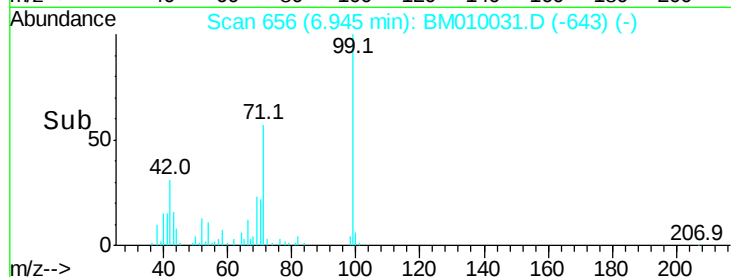
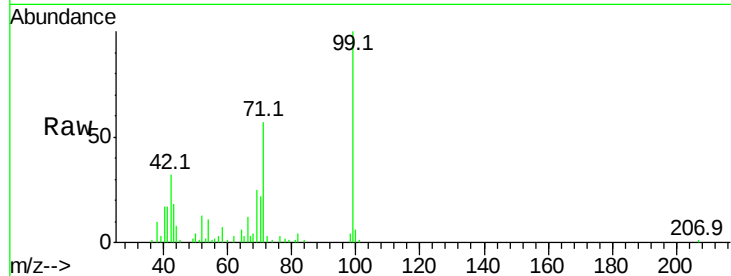
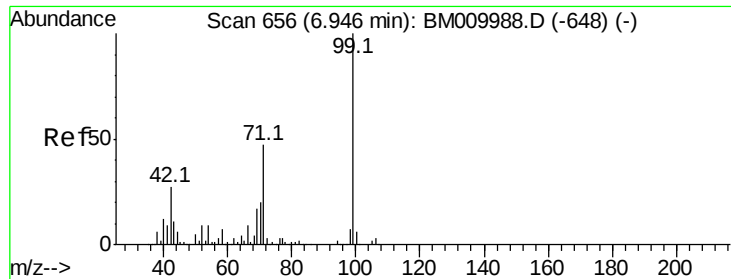
Ion Ratio Lower Upper

112 100

64 88.6 38.6 57.8#

63 60.6 19.3 28.9#





#7

Phenol-d6

Concen: 13.38 ng

RT: 6.95 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM010031.D

Acq: 12 May 2017 19:40

Instrument :

BNA_M

ClientSampleId :

PMW-2-051017

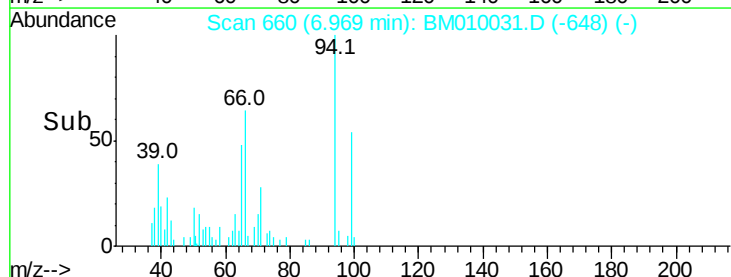
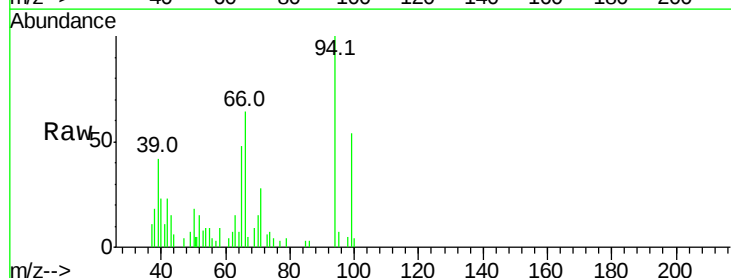
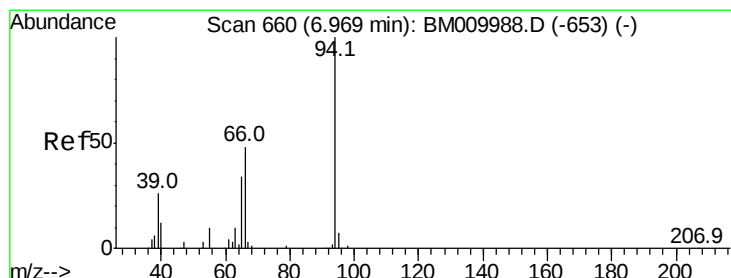
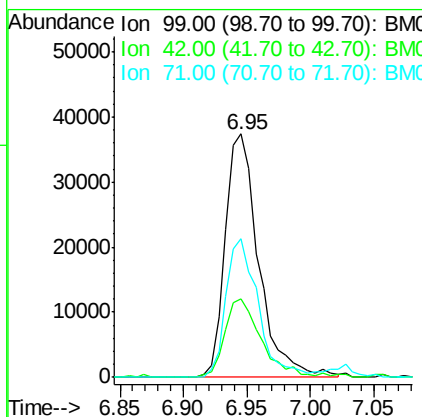
Tot Ion: 99 Resp: 68433

Ion Ratio Lower Upper

99 100

42 32.4 11.0 16.4#

71 57.1 23.4 35.2#



#10

Phenol

Concen: 4.30 ng

RT: 6.97 min Scan# 660

Delta R.T. -0.03 min

Lab File: BM010031.D

Acq: 12 May 2017 19:40

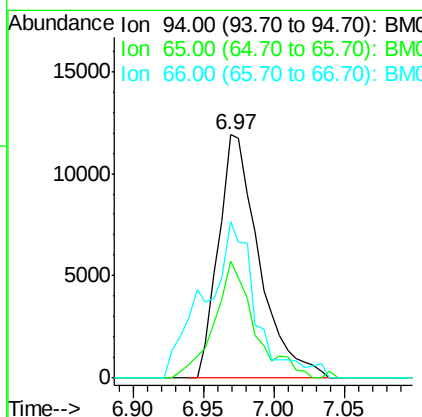
Tgt Ion: 94 Resp: 23884

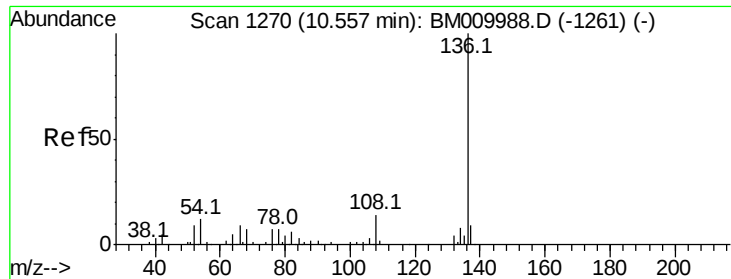
Ion Ratio Lower Upper

94 100

65 48.2 18.8 58.8

66 64.2 39.9 79.9

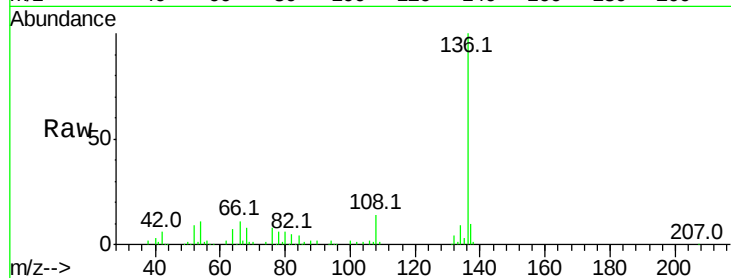




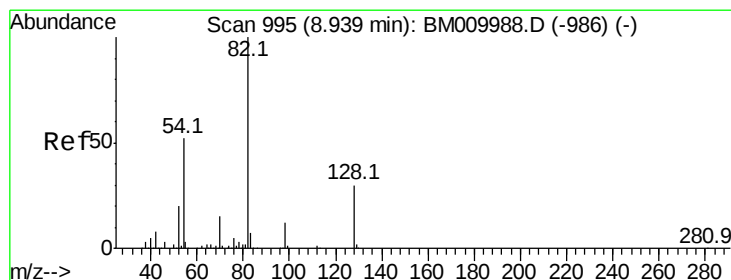
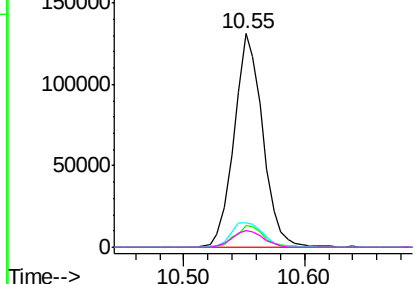
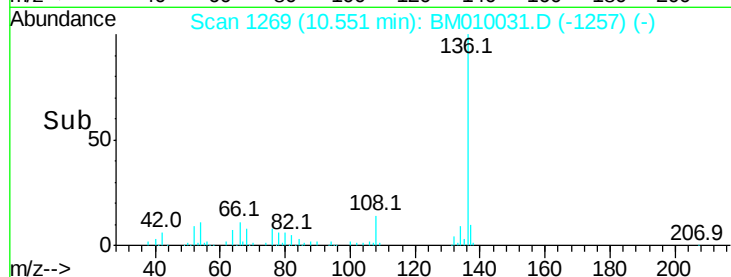
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.03 min
Lab File: BM010031.D
Acq: 12 May 2017 19:40

Instrument :
BNA_M
ClientSampleId :
PMW-2-051017

Tot Ion:	136	Resp:	216640
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	11.3	4.6	6.8#
68	7.6	3.7	5.5#

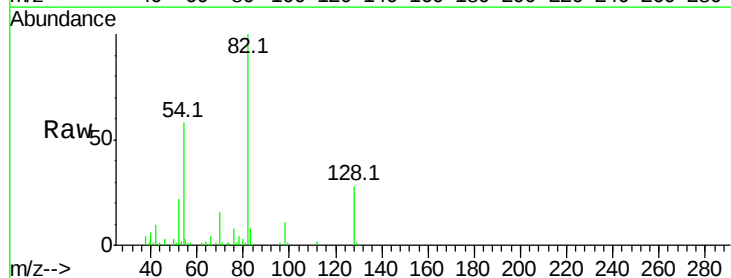


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

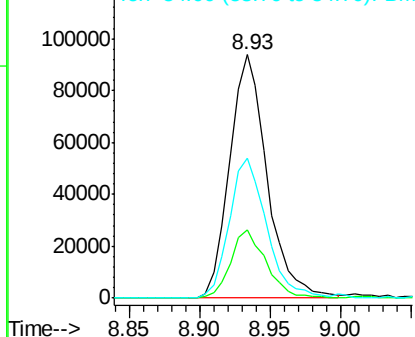
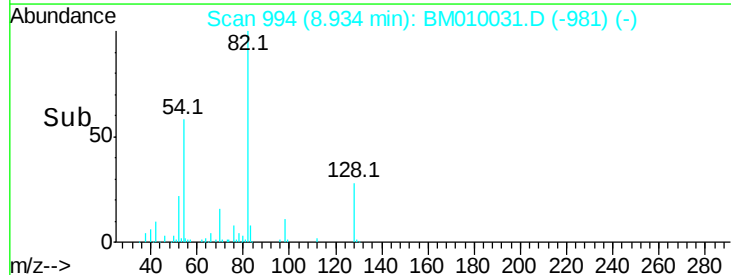


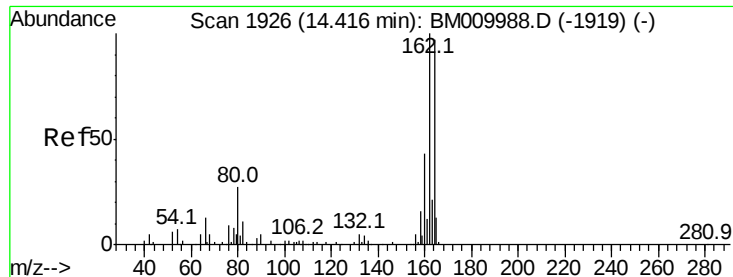
#23
Nitrobenzene-d5
Concen: 29.30 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.02 min
Lab File: BM010031.D
Acq: 12 May 2017 19:40

Tgt Ion:	82	Resp:	173667
Ion	Ratio	Lower	Upper
82	100		
128	28.0	32.8	49.2#
54	57.7	40.6	60.8



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

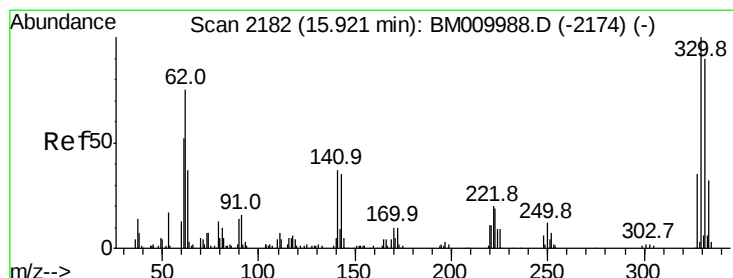
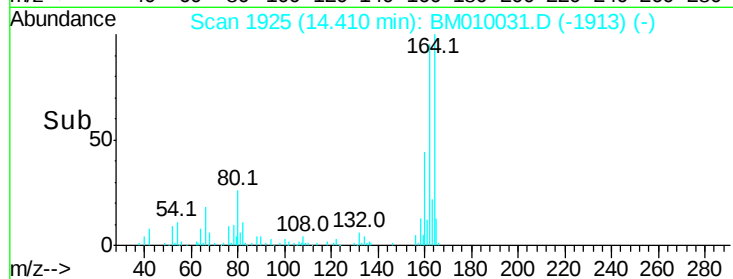
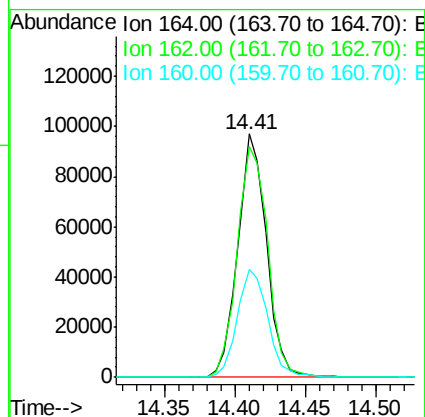
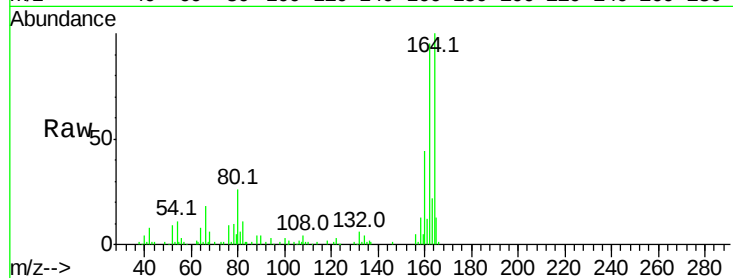




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.41 min Scan# 1925
 Delta R.T. -0.03 min
 Lab File: BM010031.D
 Acq: 12 May 2017 19:40

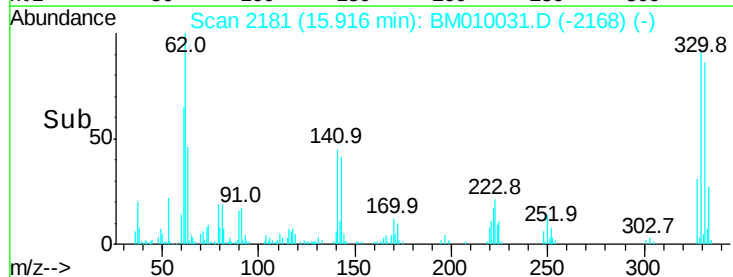
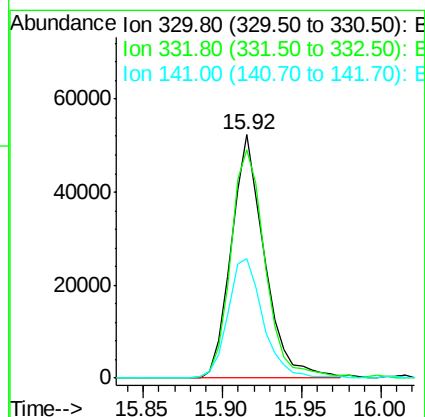
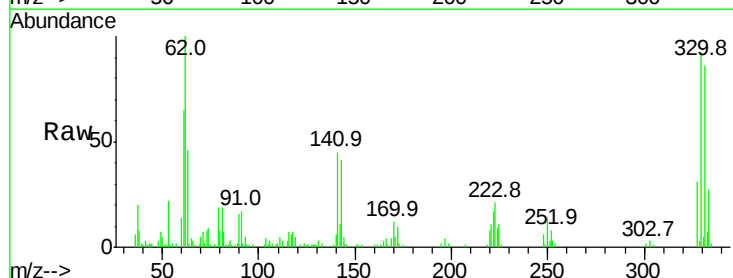
Instrument :
 BNA_M
 ClientSampleId :
 PMW-2-051017

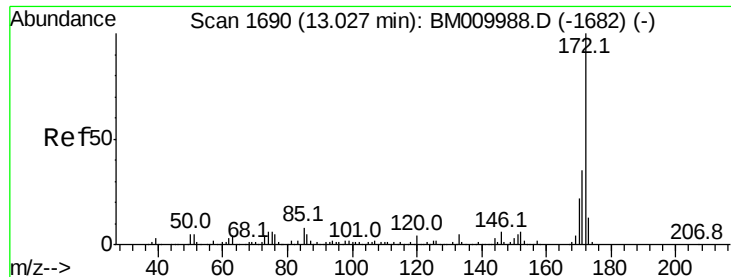
Tot Ion	Ratio	Lower	Upper
164	100		
162	95.0	82.4	123.6
160	44.1	35.8	53.6



#41
 2,4,6-Tribromophenol
 Concen: 40.33 ng
 RT: 15.92 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BM010031.D
 Acq: 12 May 2017 19:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	52.1	0.0	0.0#

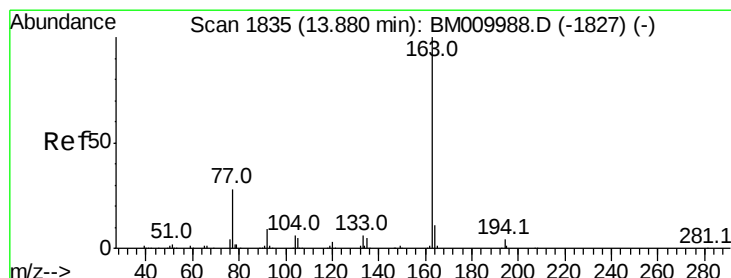
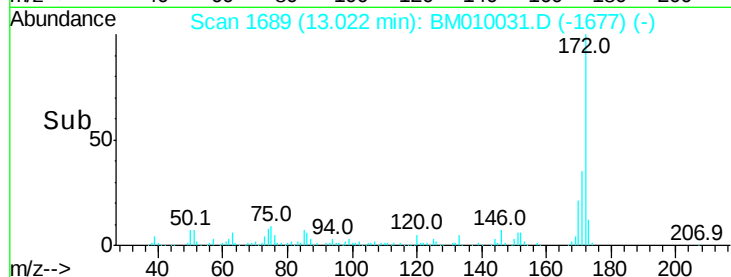
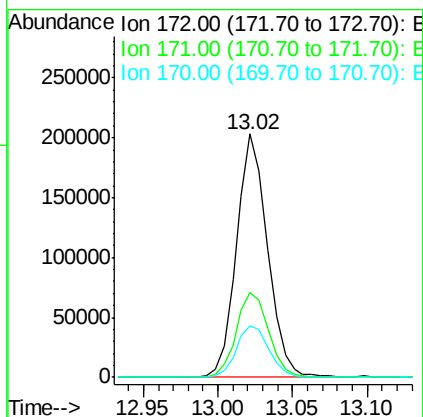
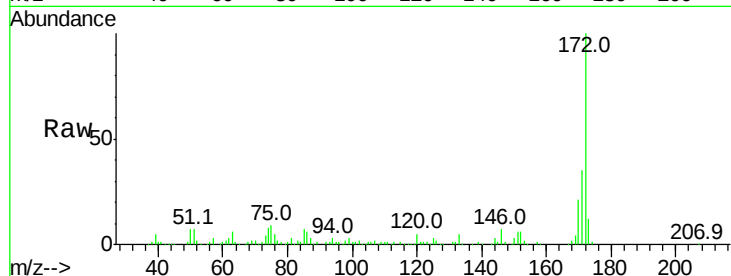




#44
2-Fluorobiphenyl
Concen: 28.43 ng
RT: 13.02 min Scan# 1689
Delta R.T. -0.03 min
Lab File: BM010031.D
Acq: 12 May 2017 19:40

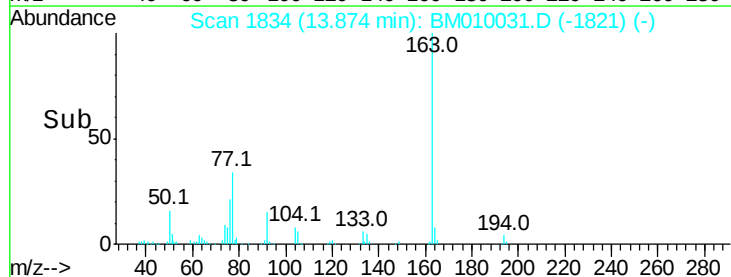
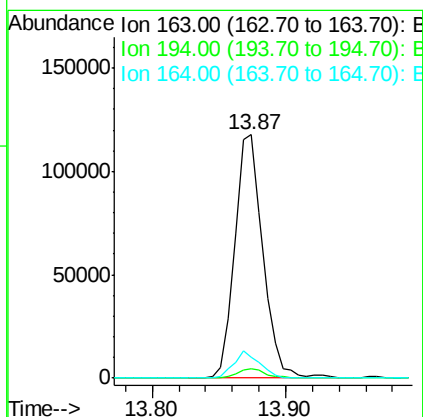
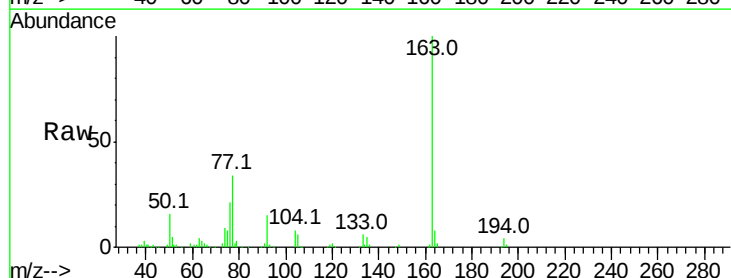
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PMW-2-051017

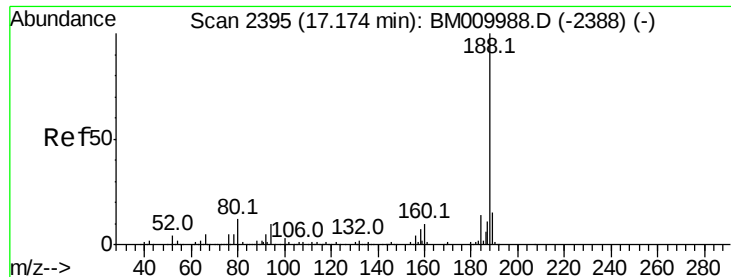
Tot Ion:172 Resp: 293563
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 21.3 18.8 28.2



#49
Dimethylphthalate
Concen: 14.15 ng
RT: 13.87 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BM010031.D
Acq: 12 May 2017 19:40

Tgt Ion:163 Resp: 172260
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 8.4 8.2 12.2

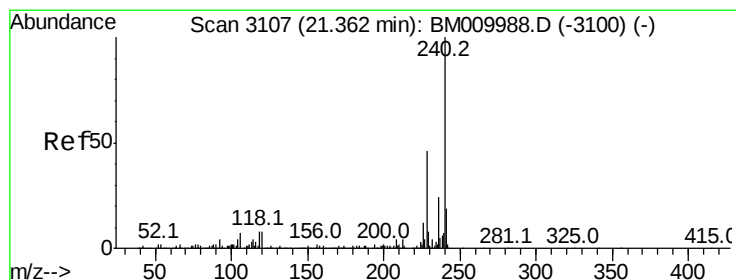
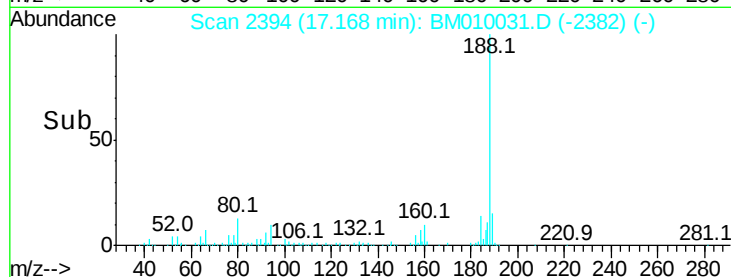
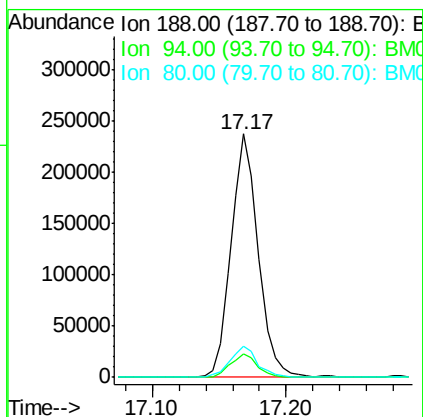
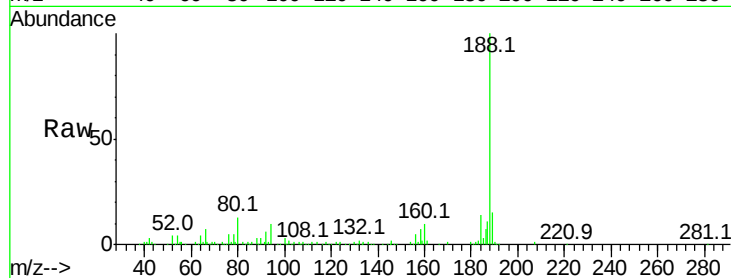




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.03 min
Lab File: BM010031.D
Acq: 12 May 2017 19:40

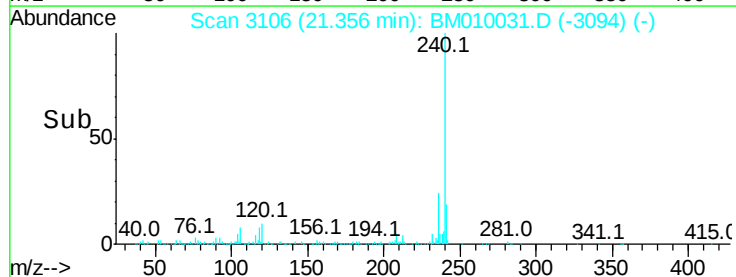
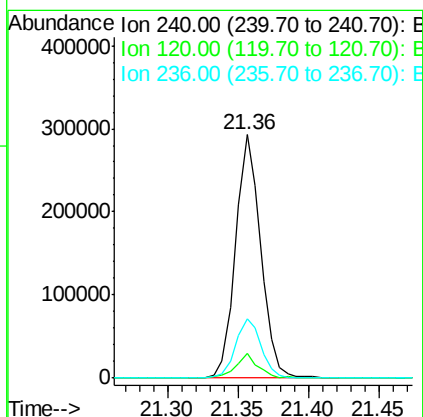
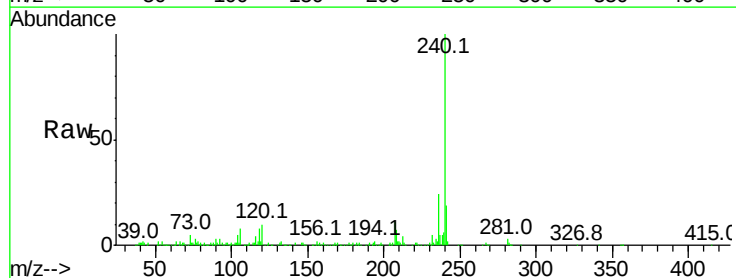
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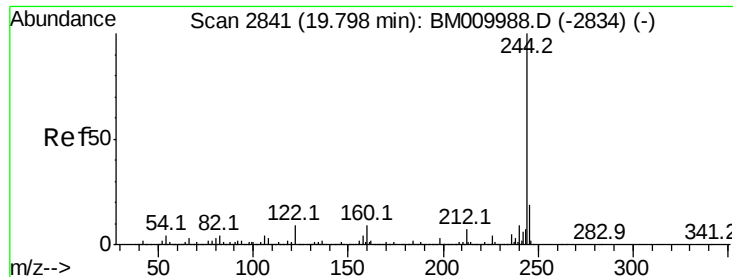
Tot Ion:188 Resp: 336105
Ion Ratio Lower Upper
188 100
94 9.5 8.7 13.1
80 13.0 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.03 min
Lab File: BM010031.D
Acq: 12 May 2017 19:40

Tgt Ion:240 Resp: 363730
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 24.3 20.0 30.0

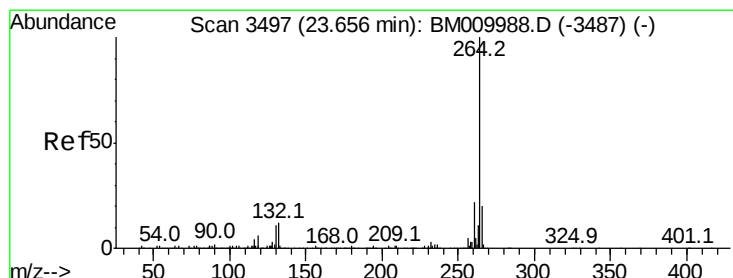
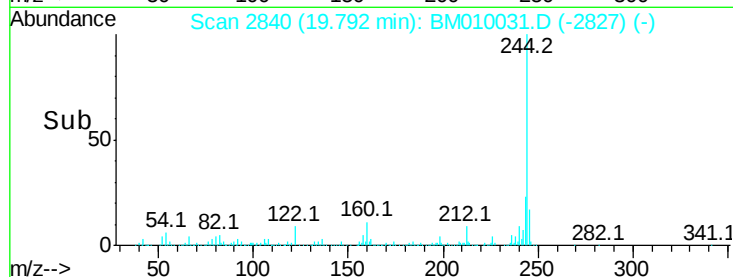
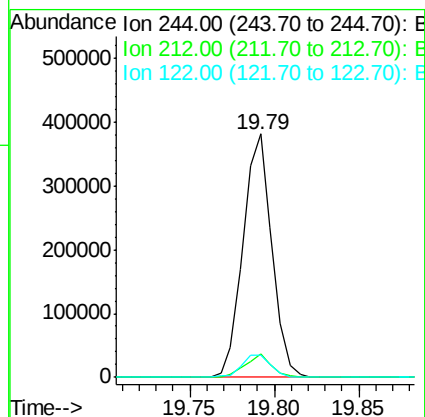
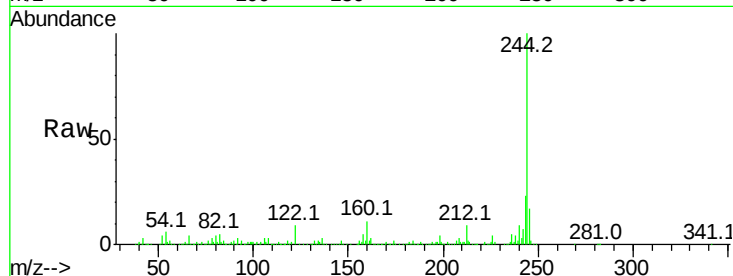




#78
 Terphenyl-d14
 Concen: 26.25 ng
 RT: 19.79 min Scan# 2840
 Delta R.T. -0.02 min
 Lab File: BM010031.D
 Acq: 12 May 2017 19:40

Instrument :
 BNA_M
 ClientSampleId :
 PMW-2-051017

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.4	4.9	7.3#
122	8.9	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.65 min Scan# 3496
 Delta R.T. -0.04 min
 Lab File: BM010031.D
 Acq: 12 May 2017 19:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.6	27.8
265	22.2	17.3	25.9

