

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
 Data File : BM010025.D
 Acq On : 12 May 2017 16:03
 Operator : SJ/MA
 Sample : I3098-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-1R

Quant Time: May 13 04:03:48 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

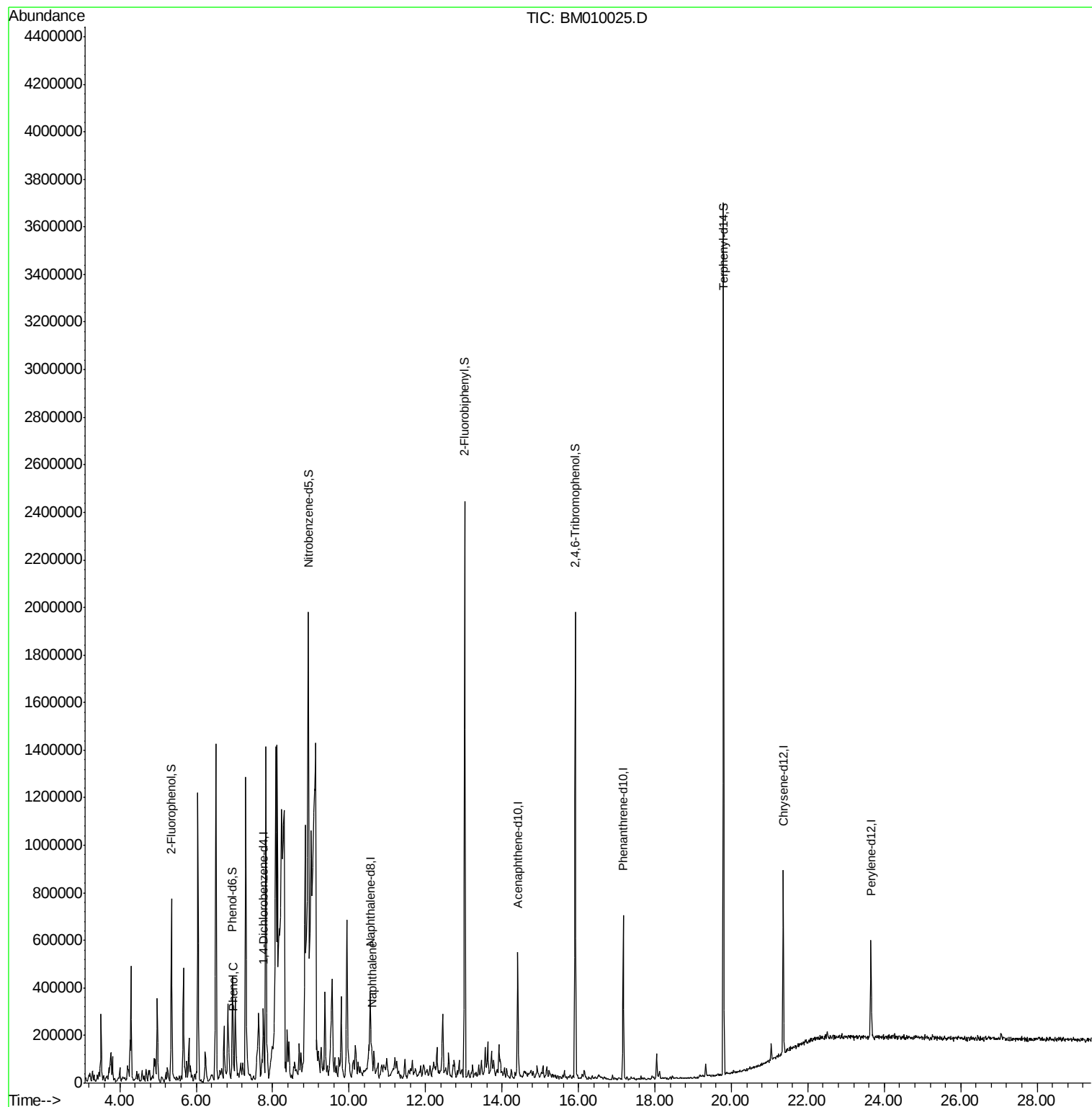
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	56432	20.00	ng	-0.02
21) Naphthalene-d8	10.55	136	232199	20.00	ng	-0.03
38) Acenaphthene-d10	14.41	164	152671	20.00	ng	-0.03
63) Phenanthrene-d10	17.17	188	350873	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	358977	20.00	ng	-0.03
86) Perylene-d12	23.65	264	281401	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	252384	69.99	ng	-0.02
7) Phenol-d6	6.95	99	225801	39.08	ng	-0.02
23) Nitrobenzene-d5	8.93	82	615476	96.87	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	285076	136.44	ng	-0.02
44) 2-Fluorobiphenyl	13.02	172	1062402	93.06	ng	-0.03
78) Terphenyl-d14	19.79	244	1385700	81.35	ng	-0.02
Target Compounds						
10) Phenol	6.98	94	19153	3.05	ng	Qvalue 95
31) Naphthalene	10.60	128	25801	2.02	ng	# 75

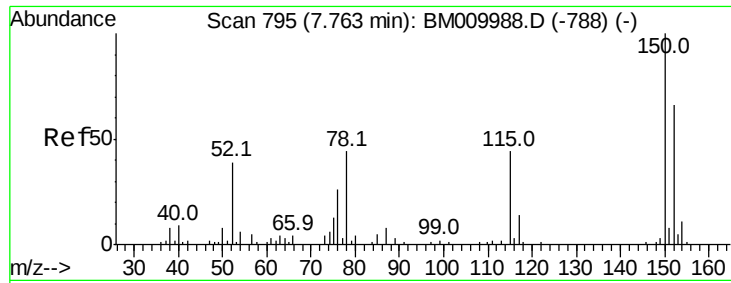
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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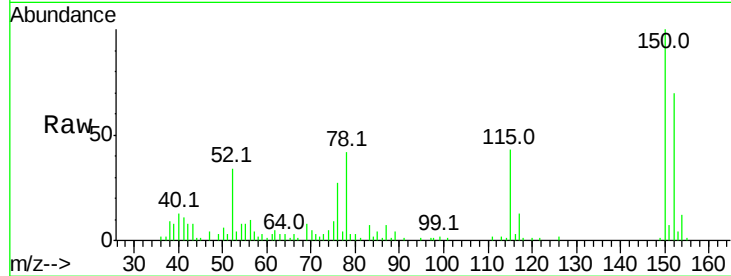


#1

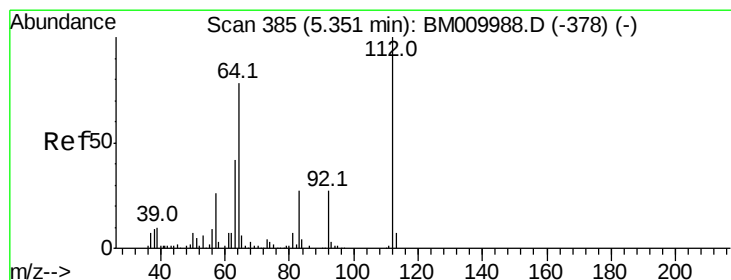
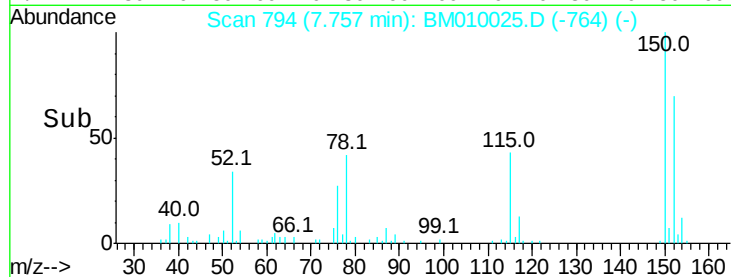
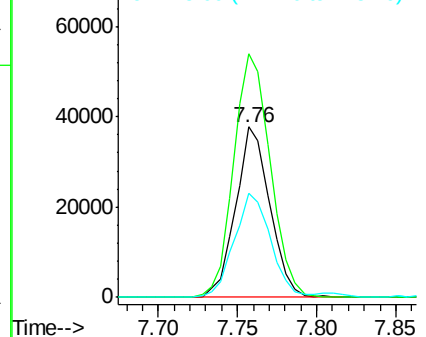
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM010025.D
Acq: 12 May 2017 16:03

Instrument :
BNA_M
ClientSampleId :
MW-1R

Tot Ion:152 Resp: 56432
Ion Ratio Lower Upper
152 100
150 143.0 119.5 179.3
115 61.2 43.0 64.4



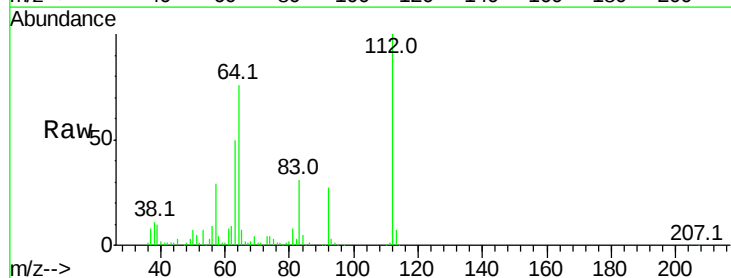
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



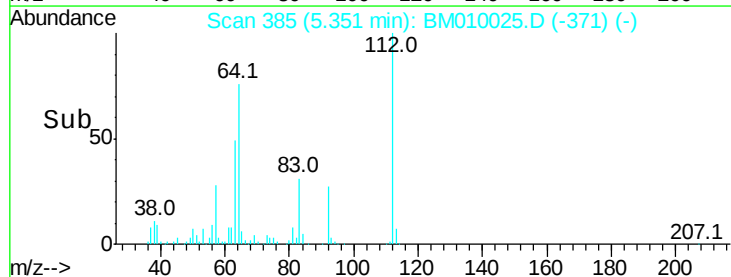
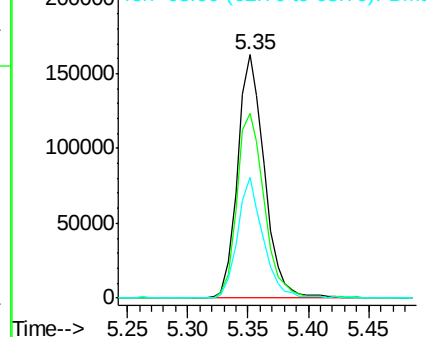
#5

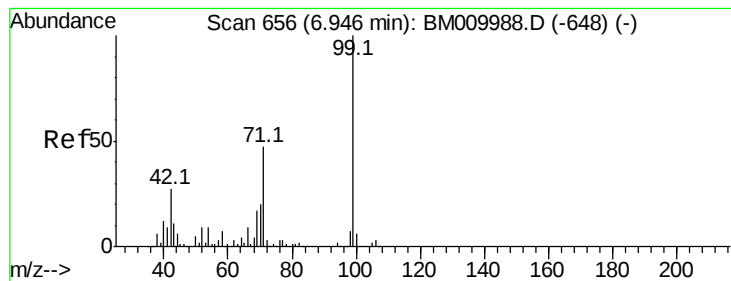
2-Fluorophenol
Concen: 69.99 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.02 min
Lab File: BM010025.D
Acq: 12 May 2017 16:03

Tgt Ion:112 Resp: 252384
Ion Ratio Lower Upper
112 100
64 75.6 38.6 57.8#
63 49.5 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: 39.08 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.02 min

Lab File: BM010025.D

Acq: 12 May 2017 16:03

Instrument :

BNA_M

ClientSampleId :

MW-1R

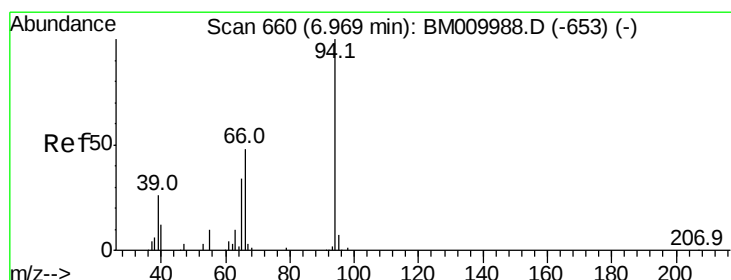
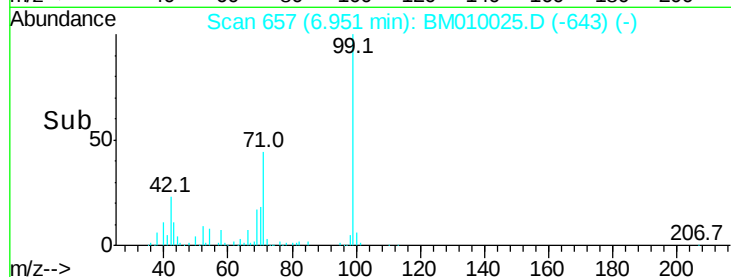
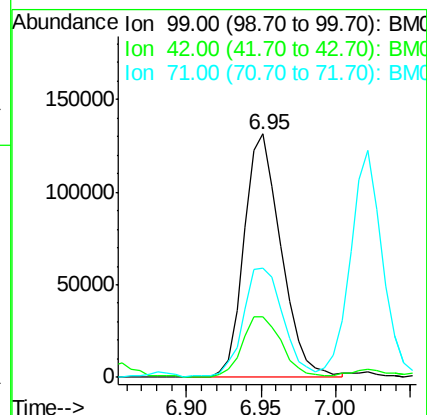
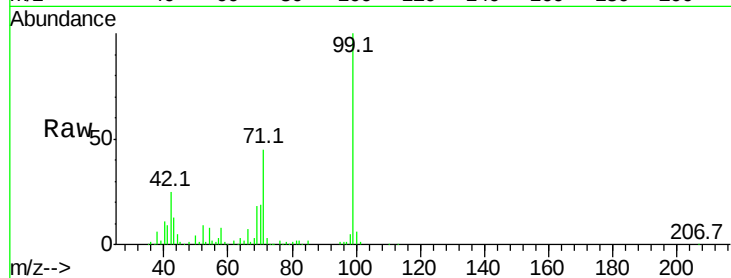
Tot Ion: 99 Resp: 225801

Ion Ratio Lower Upper

99 100

42 25.1 11.0 16.4#

71 44.7 23.4 35.2#



#10

Phenol

Concen: 3.05 ng

RT: 6.98 min Scan# 662

Delta R.T. -0.02 min

Lab File: BM010025.D

Acq: 12 May 2017 16:03

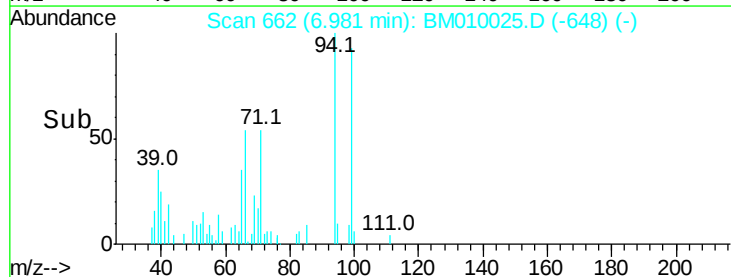
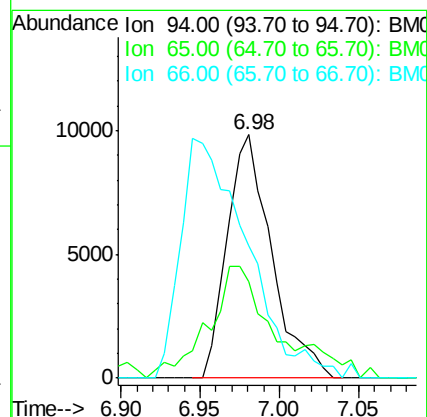
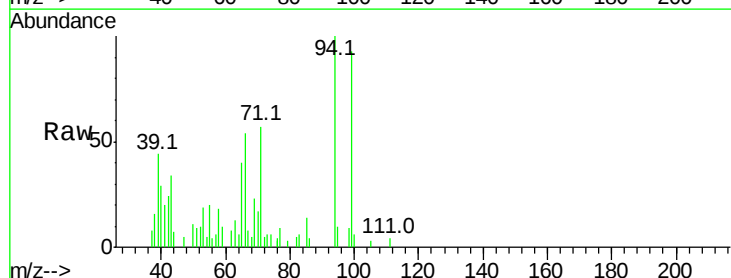
Tgt Ion: 94 Resp: 19153

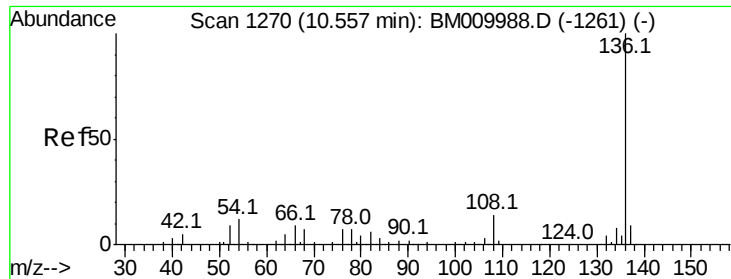
Ion Ratio Lower Upper

94 100

65 39.8 18.8 58.8

66 54.2 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: BM010025.D

Acq: 12 May 2017 16:03

Instrument :

BNA_M

ClientSampleId :

MW-1R

Tot Ion:136 Resp: 232199

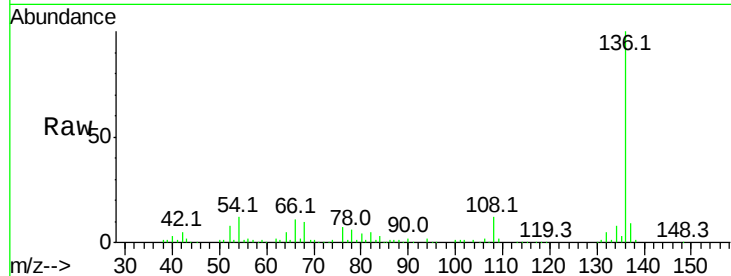
Ion Ratio Lower Upper

136 100

137 9.2 8.7 13.1

54 12.2 4.6 6.8#

68 10.0 3.7 5.5#

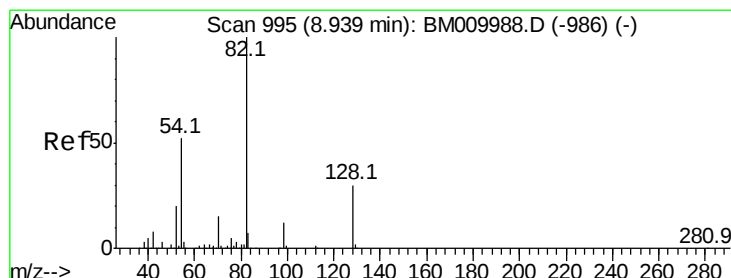
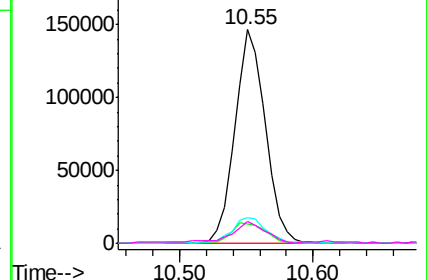
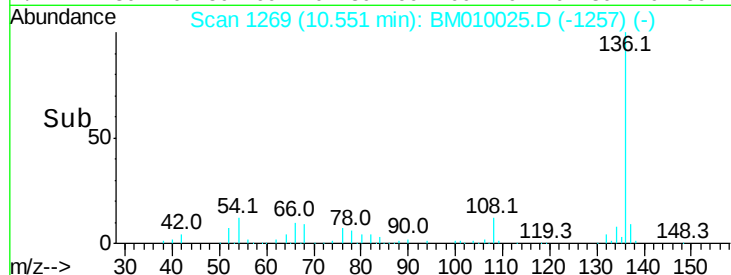


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.87 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BM010025.D

Acq: 12 May 2017 16:03

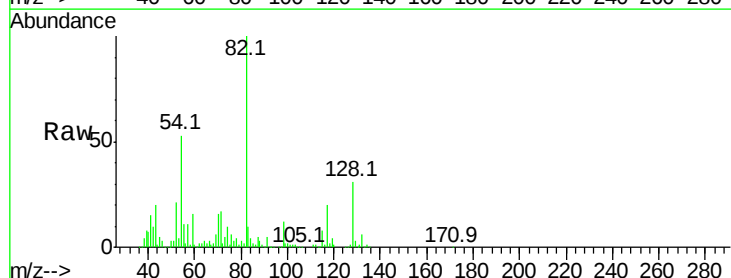
Tgt Ion: 82 Resp: 615476

Ion Ratio Lower Upper

82 100

128 31.2 32.8 49.2#

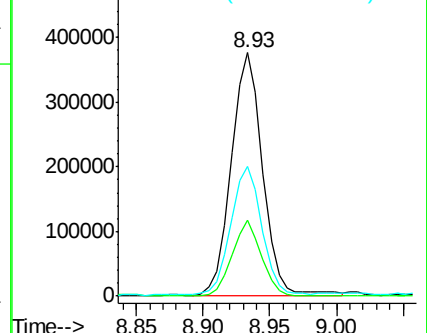
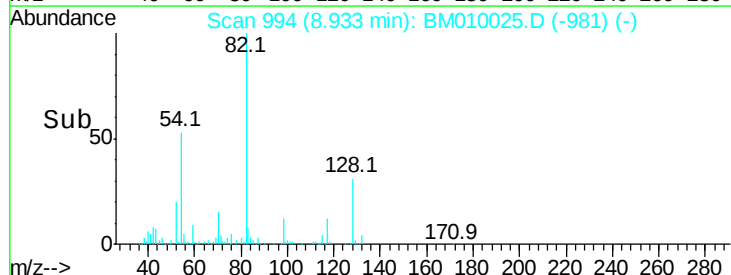
54 53.4 40.6 60.8

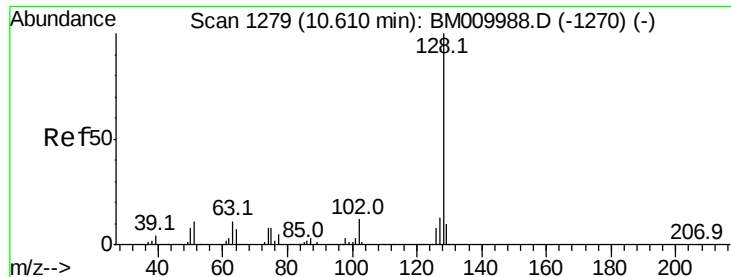


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

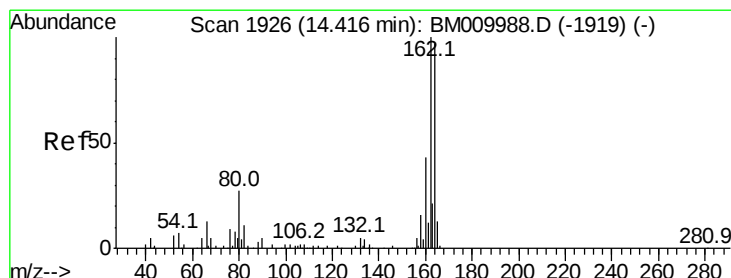
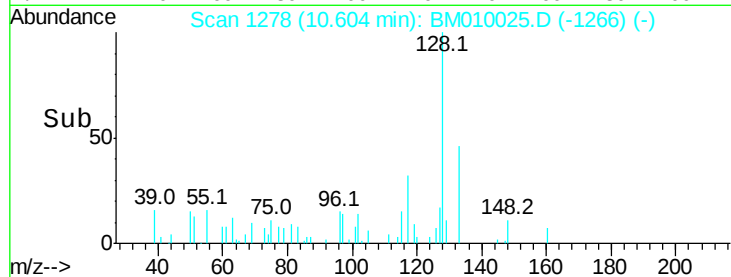
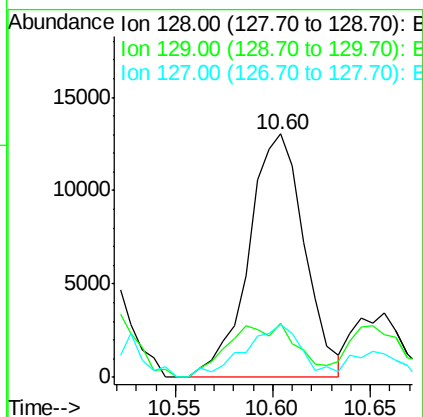
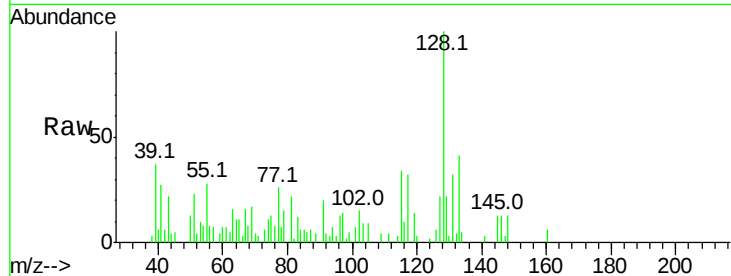




#31
Naphthalene
Concen: 2.02 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.03 min
Lab File: BM010025.D
Acq: 12 May 2017 16:03

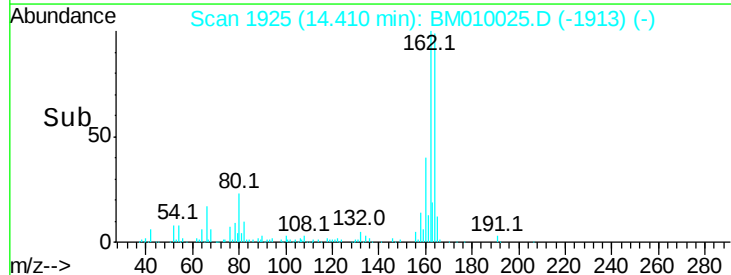
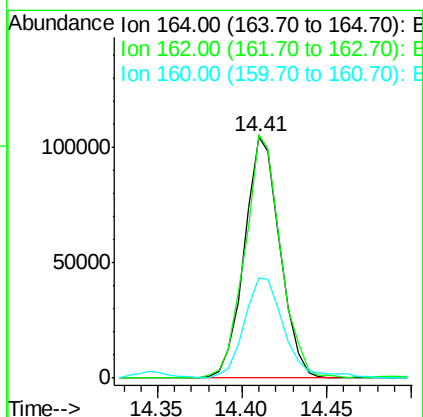
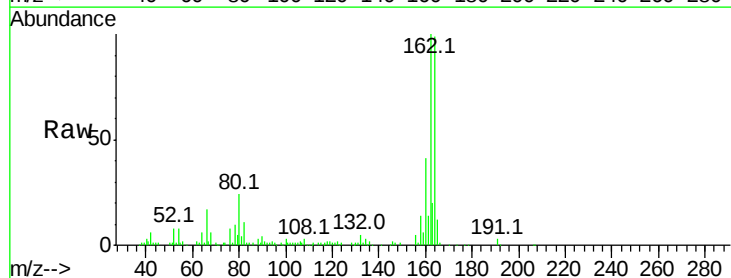
Instrument :
BNA_M
ClientSampled :
MW-1R

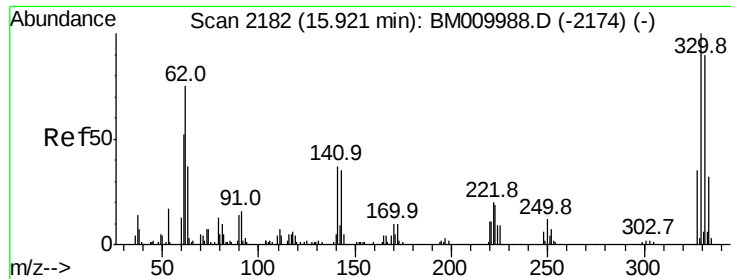
Tot Ion:128 Resp: 25801
Ion Ratio Lower Upper
128 100
129 22.4 8.9 13.3#
127 21.7 10.4 15.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.03 min
Lab File: BM010025.D
Acq: 12 May 2017 16:03

Tgt Ion:164 Resp: 152671
Ion Ratio Lower Upper
164 100
162 101.0 82.4 123.6
160 41.8 35.8 53.6

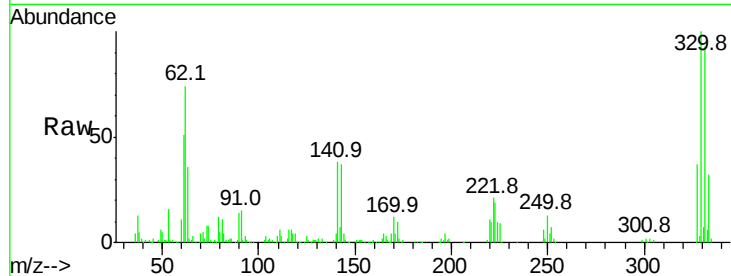




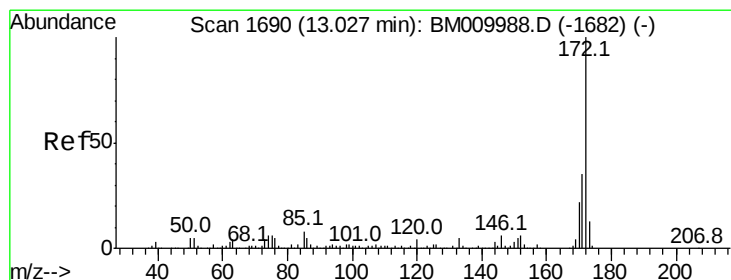
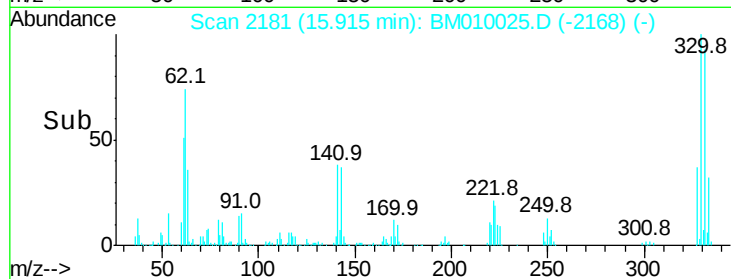
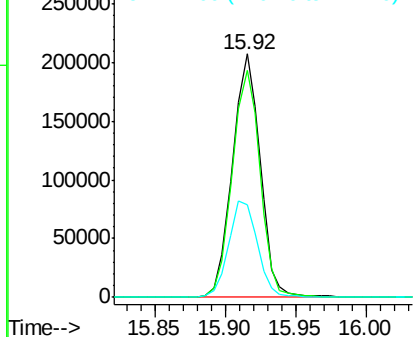
#41
 2,4,6-Tribromophenol
 Concen: 136.44 ng
 RT: 15.92 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BM010025.D
 Acq: 12 May 2017 16:03

Instrument :
 BNA_M
 ClientSampled :
 MW-1R

Tot Ion:330 Resp: 285076
 Ion Ratio Lower Upper
 330 100
 332 93.4 0.0 0.0#
 141 41.3 0.0 0.0#

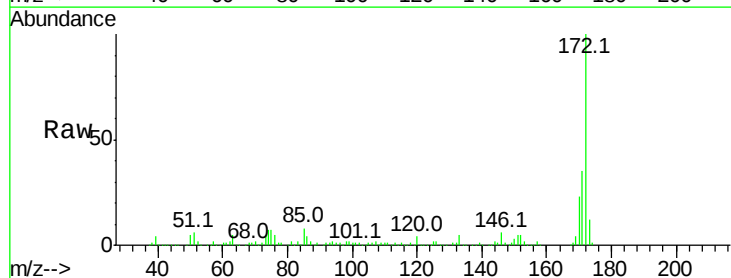


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

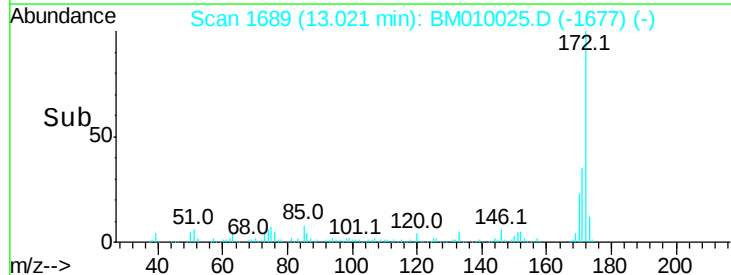
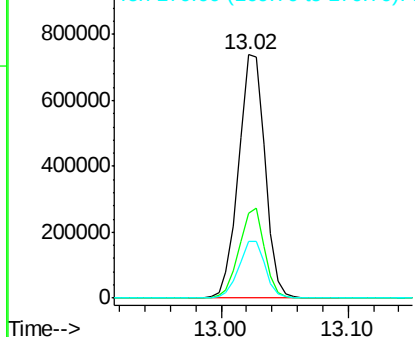


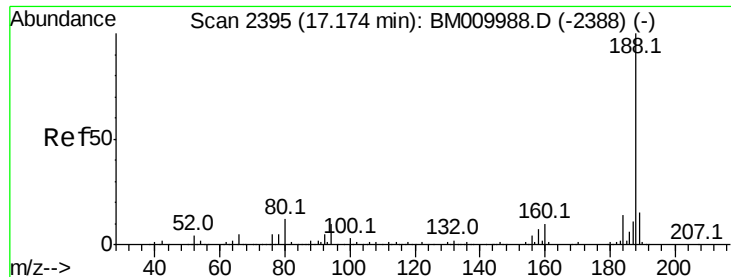
#44
 2-Fluorobiphenyl
 Concen: 93.06 ng
 RT: 13.02 min Scan# 1689
 Delta R.T. -0.03 min
 Lab File: BM010025.D
 Acq: 12 May 2017 16:03

Tgt Ion:172 Resp: 1062402
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.4 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

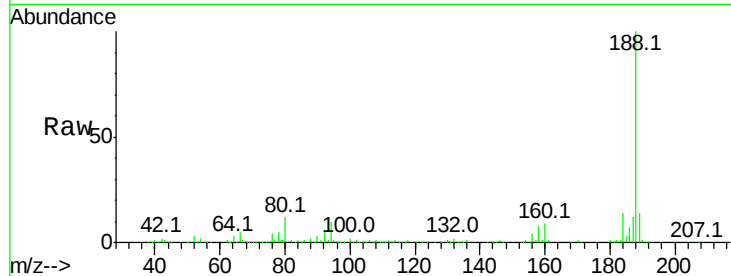




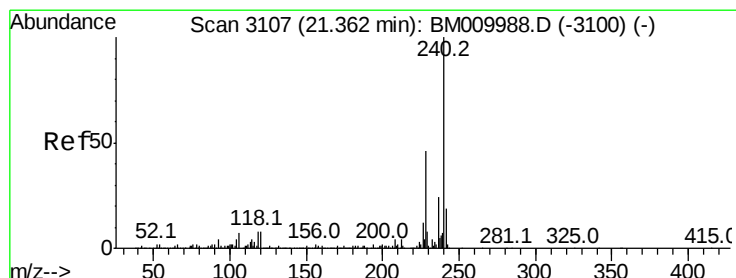
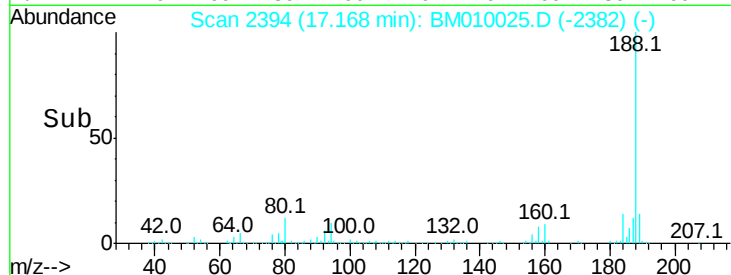
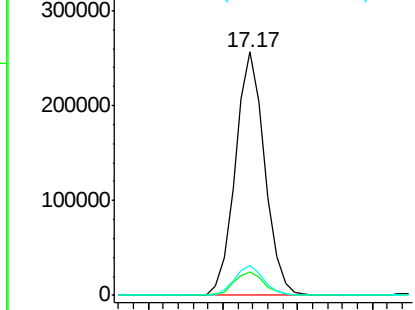
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.03 min
Lab File: BM010025.D
Acq: 12 May 2017 16:03

Instrument :
BNA_M
ClientSampleId :
MW-1R

Tot Ion:188 Resp: 350873
Ion Ratio Lower Upper
188 100
94 9.6 8.7 13.1
80 12.4 9.3 13.9

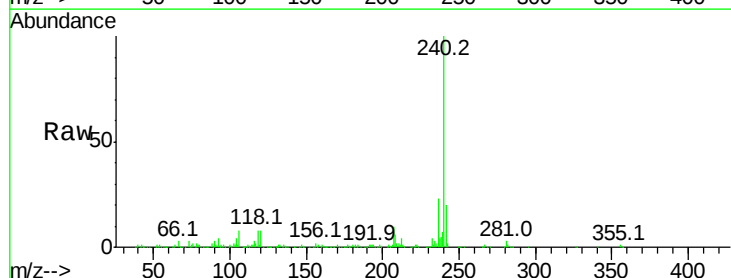


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

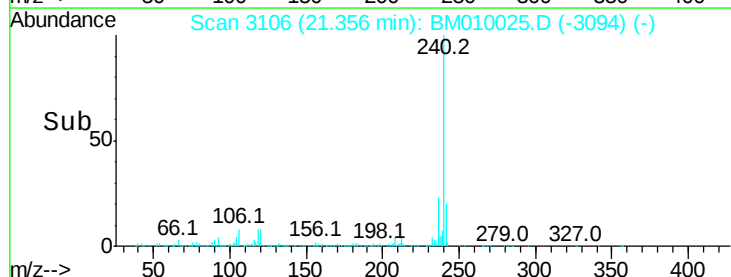
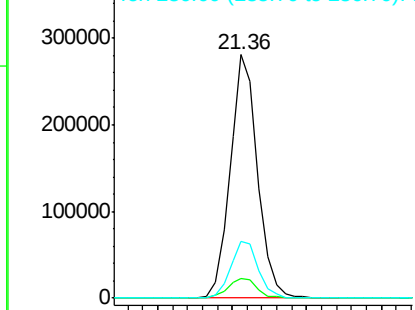


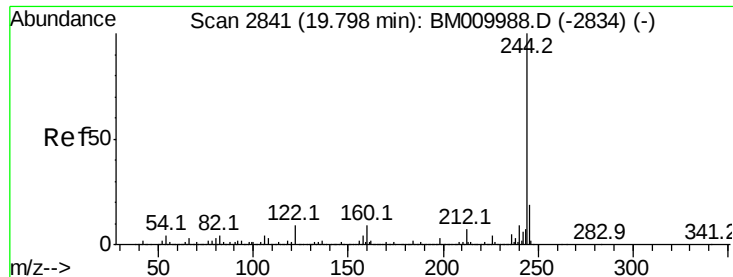
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.03 min
Lab File: BM010025.D
Acq: 12 May 2017 16:03

Tgt Ion:240 Resp: 358977
Ion Ratio Lower Upper
240 100
120 8.1 8.2 12.2#
236 23.3 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: 81.35 ng

RT: 19.79 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BM010025.D

Acq: 12 May 2017 16:03

Instrument :

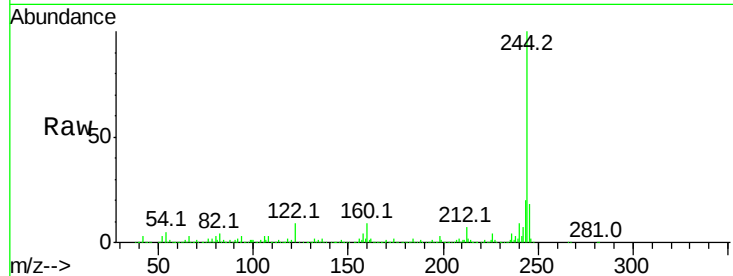
BNA_M

ClientSampleId :

MW-1R

Tot Ion:244 Resp: 1385700

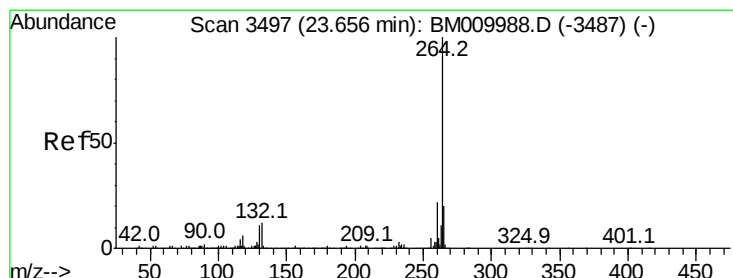
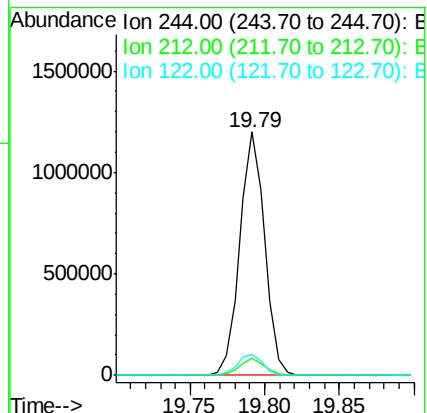
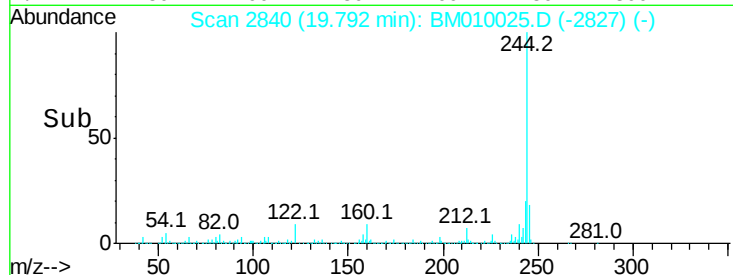
Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.9	7.3
122	8.8	6.2	9.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.65 min Scan# 3496

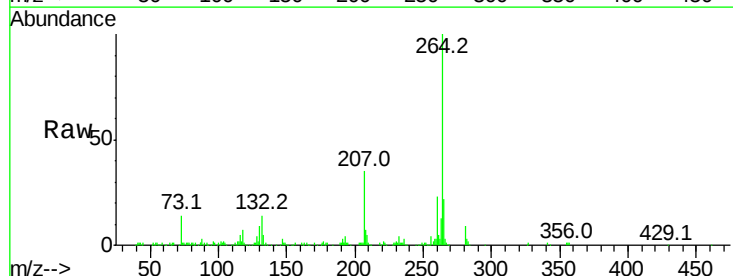
Delta R.T. -0.04 min

Lab File: BM010025.D

Acq: 12 May 2017 16:03

Tgt Ion:264 Resp: 281401

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	22.3	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

