

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
 Data File : BM010028.D
 Acq On : 12 May 2017 17:51
 Operator : SJ/MA
 Sample : I3098-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 13 02:47:52 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

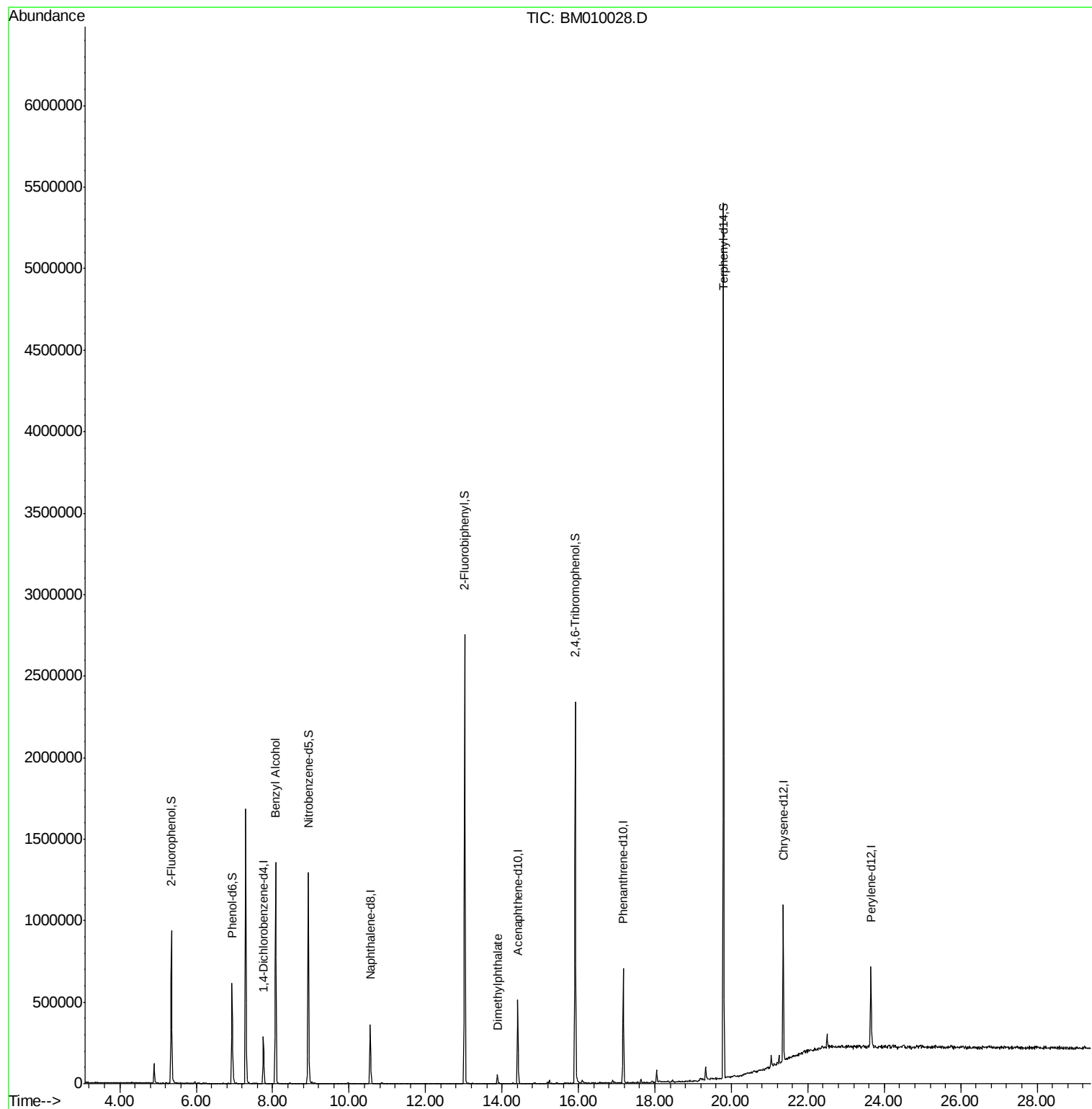
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	59466	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	249449	20.00	ng	-0.02
38) Acenaphthene-d10	14.41	164	144585	20.00	ng	-0.03
63) Phenanthrene-d10	17.17	188	359003	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	420197	20.00	ng	-0.03
86) Perylene-d12	23.65	264	344093	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	296395	78.00	ng	-0.02
7) Phenol-d6	6.94	99	276292	45.38	ng	-0.03
23) Nitrobenzene-d5	8.93	82	719353	105.39	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	296261	149.72	ng	-0.02
44) 2-Fluorobiphenyl	13.02	172	1147018	106.09	ng	-0.03
78) Terphenyl-d14	19.79	244	1896674	95.13	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.07	79	11996	2.31	ng	# 57
49) Dimethylphthalate	13.88	163	30684	2.41	ng	# 97

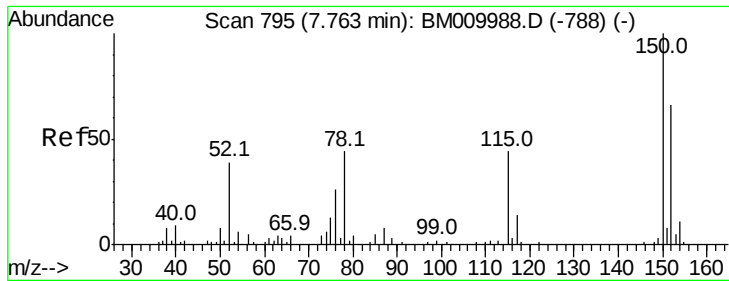
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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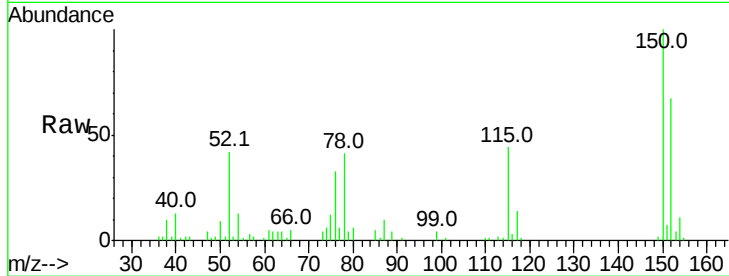


#1

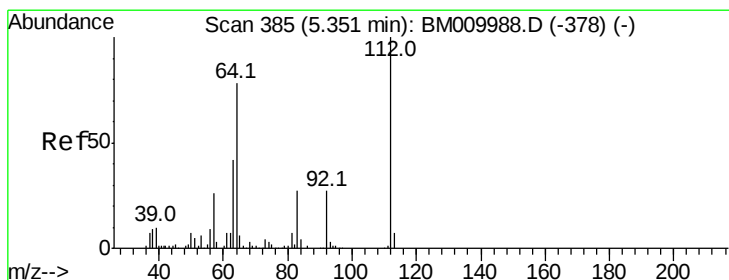
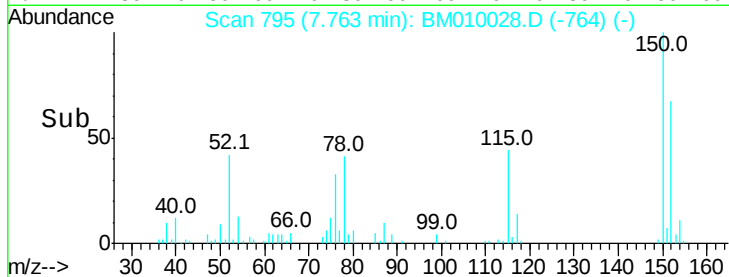
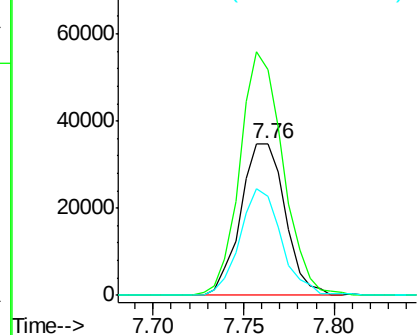
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BM010028.D
Acq: 12 May 2017 17:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 59466
Ion Ratio Lower Upper
152 100
150 149.0 119.5 179.3
115 65.4 43.0 64.4#



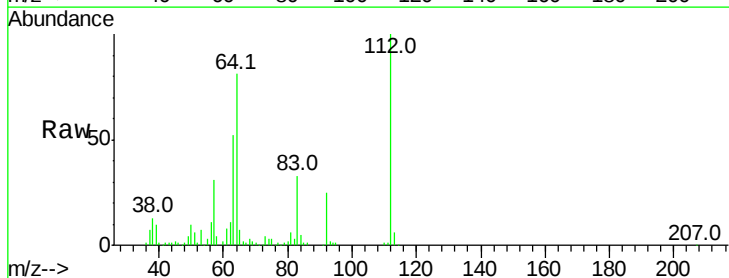
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



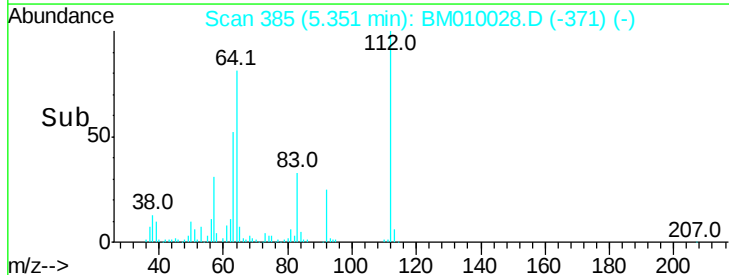
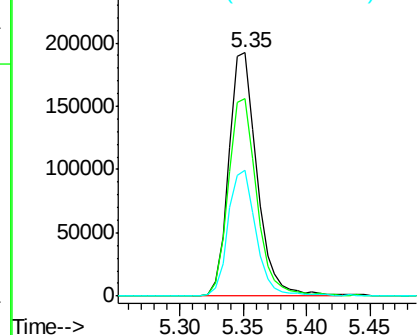
#5

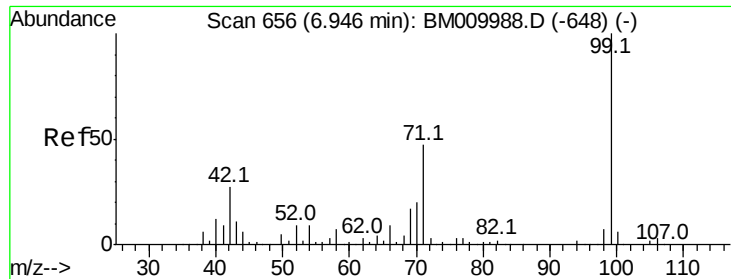
2-Fluorophenol
Concen: 78.00 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.02 min
Lab File: BM010028.D
Acq: 12 May 2017 17:51

Tgt Ion:112 Resp: 296395
Ion Ratio Lower Upper
112 100
64 81.0 38.6 57.8#
63 51.5 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: 45.38 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM010028.D

Acq: 12 May 2017 17:51

Instrument :

BNA_M

ClientSampled :

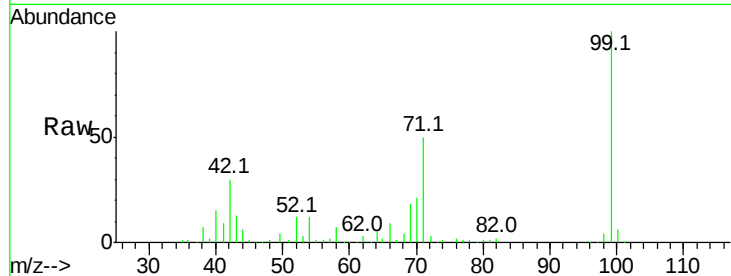
Tot Ion: 99 Resp: 276292

Ion Ratio Lower Upper

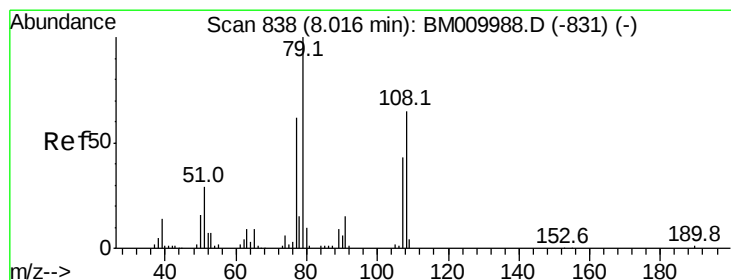
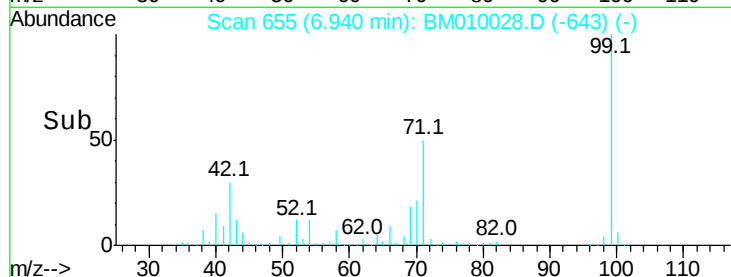
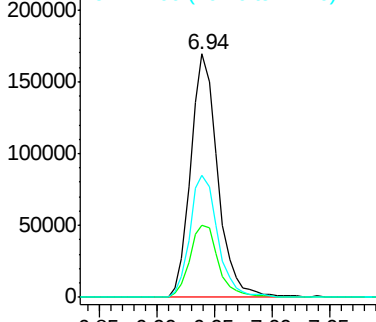
99 100

42 29.7 11.0 16.4#

71 50.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 71.00 (70.70 to 71.70): BM0



#15

Benzyl Alcohol

Concen: 2.31 ng

RT: 8.07 min Scan# 848

Delta R.T. 0.04 min

Lab File: BM010028.D

Acq: 12 May 2017 17:51

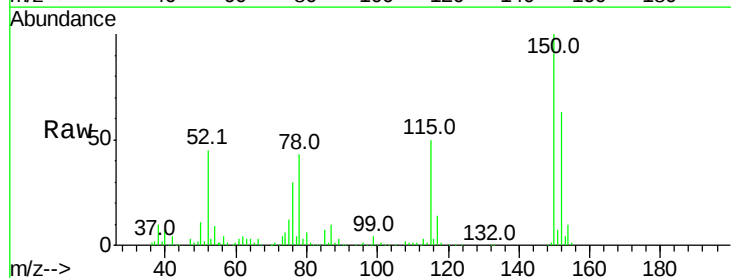
Tgt Ion: 79 Resp: 11996

Ion Ratio Lower Upper

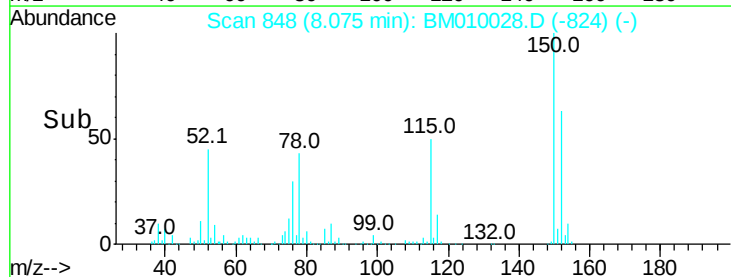
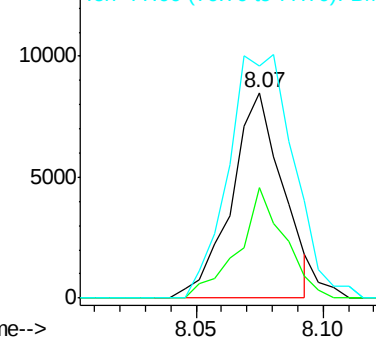
79 100

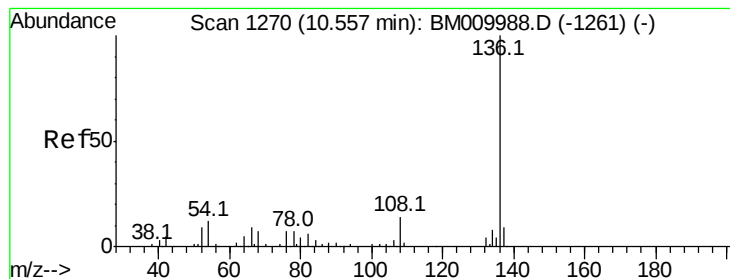
108 53.8 65.0 97.4#

77 113.0 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 108.00 (107.70 to 108.70): B
Ion 77.00 (76.70 to 77.70): BM0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BM010028.D

Acq: 12 May 2017 17:51

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 249449

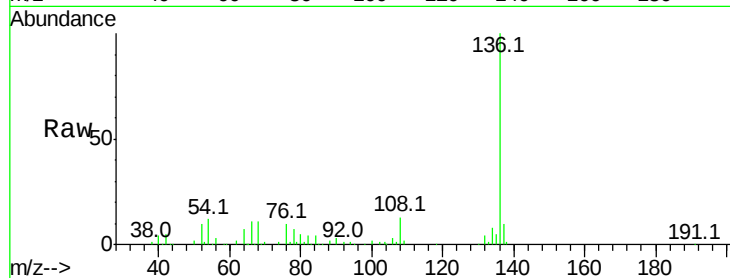
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 12.2 4.6 6.8#

68 10.8 3.7 5.5#

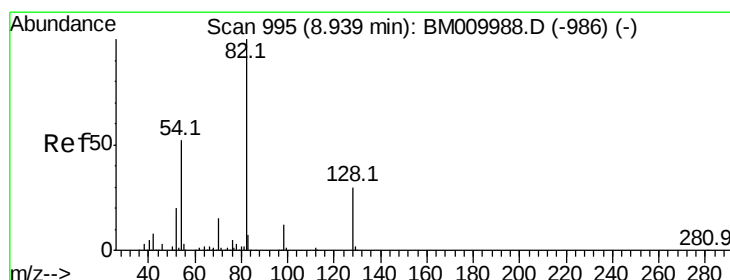
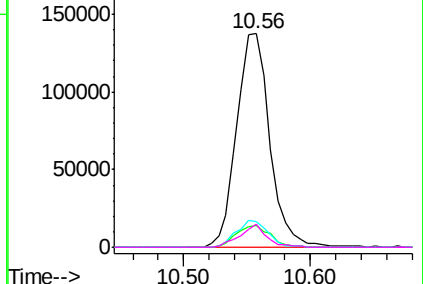
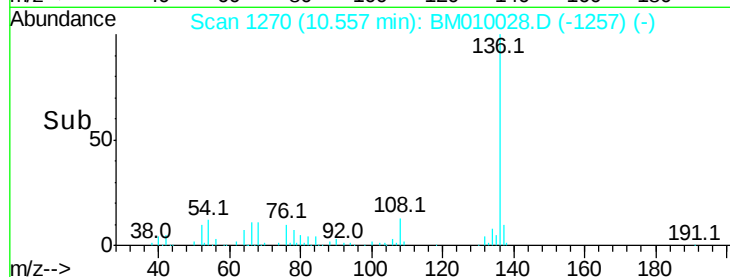


Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.39 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BM010028.D

Acq: 12 May 2017 17:51

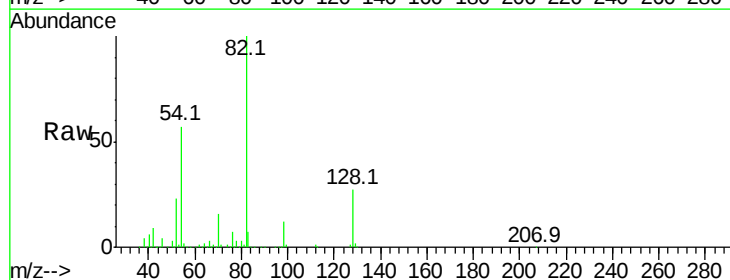
Tgt Ion: 82 Resp: 719353

Ion Ratio Lower Upper

82 100

128 27.1 32.8 49.2#

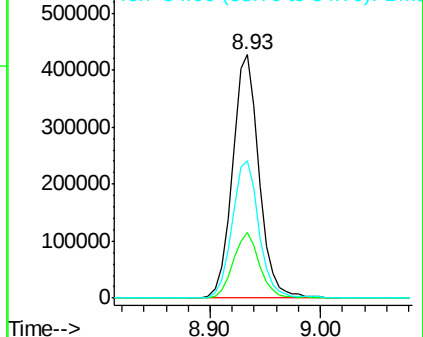
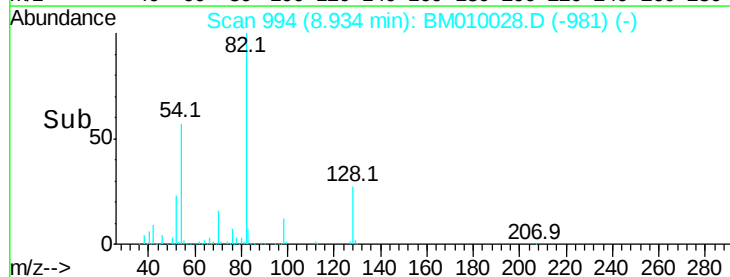
54 56.7 40.6 60.8

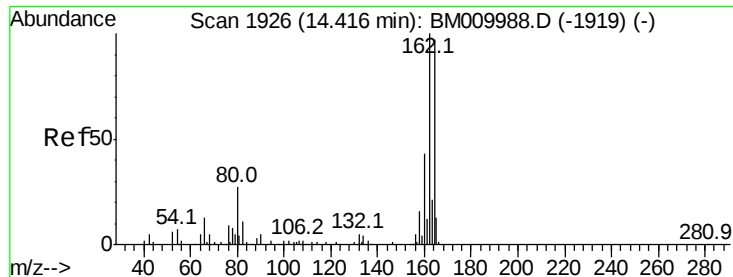


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

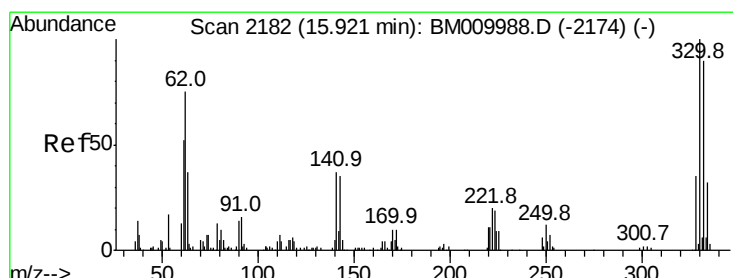
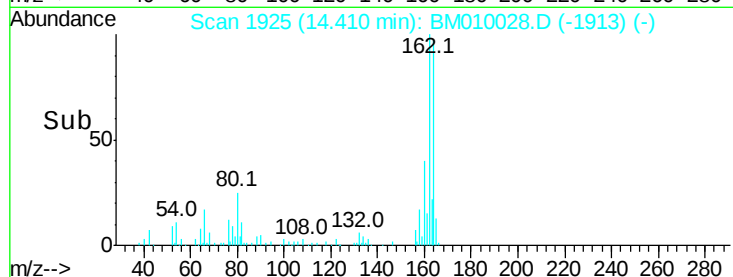
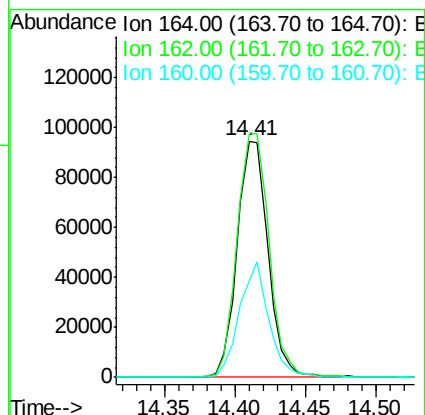
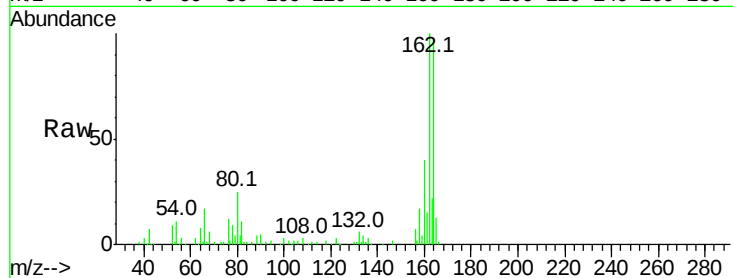




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.03 min
Lab File: BM010028.D
Acq: 12 May 2017 17:51

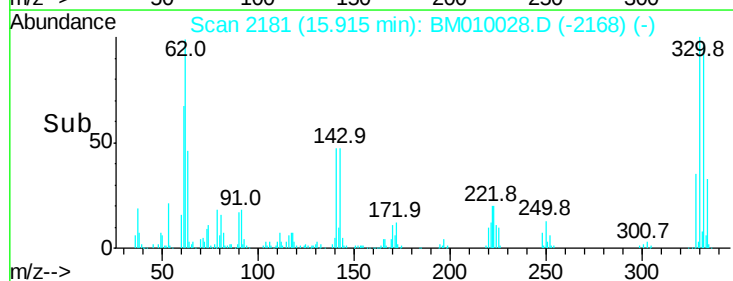
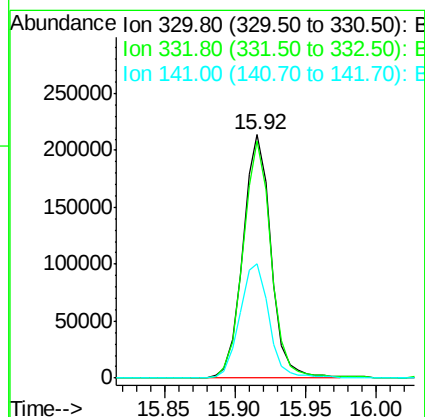
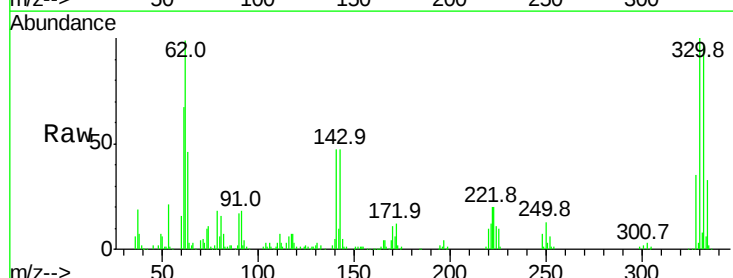
Instrument :
BNA_M
ClientSampleId :

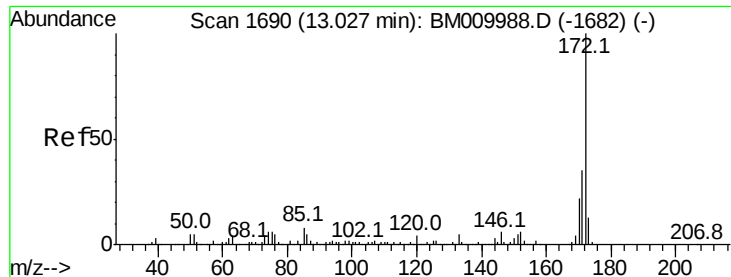
Tot Ion:164 Resp: 144585
Ion Ratio Lower Upper
164 100
162 102.9 82.4 123.6
160 41.0 35.8 53.6



#41
2,4,6-Tribromophenol
Concen: 149.72 ng
RT: 15.92 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BM010028.D
Acq: 12 May 2017 17:51

Tgt Ion:330 Resp: 296261
Ion Ratio Lower Upper
330 100
332 97.3 0.0 0.0#
141 48.9 0.0 0.0#

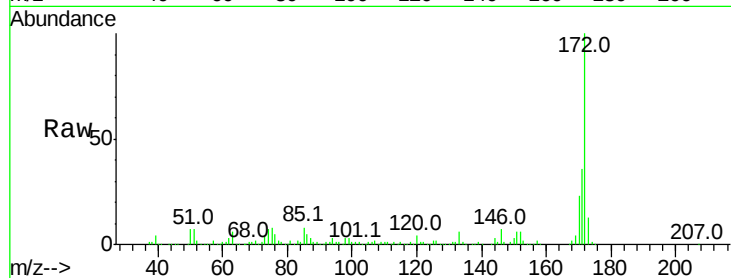




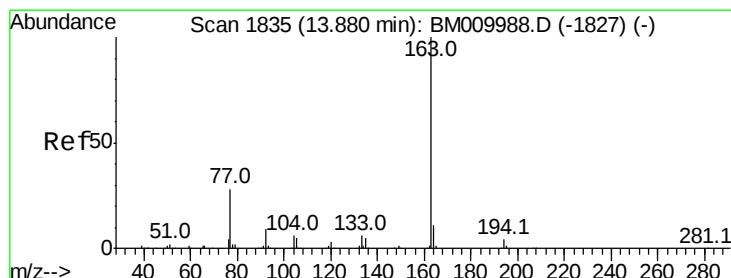
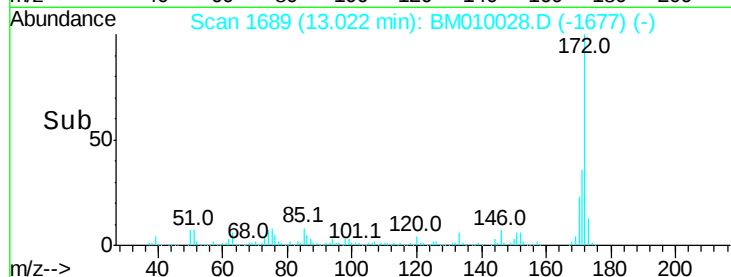
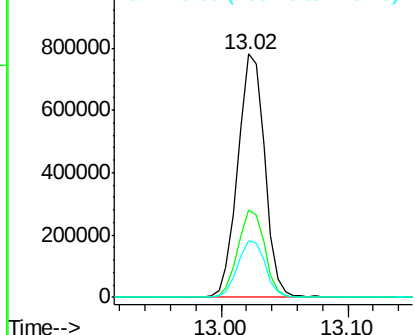
#44
2-Fluorobiphenyl
Concen: 106.09 ng
RT: 13.02 min Scan# 1689
Delta R.T. -0.03 min
Lab File: BM010028.D
Acq: 12 May 2017 17:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 1147018
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.2 18.8 28.2

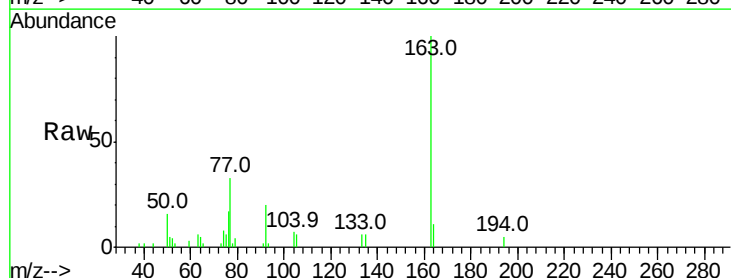


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

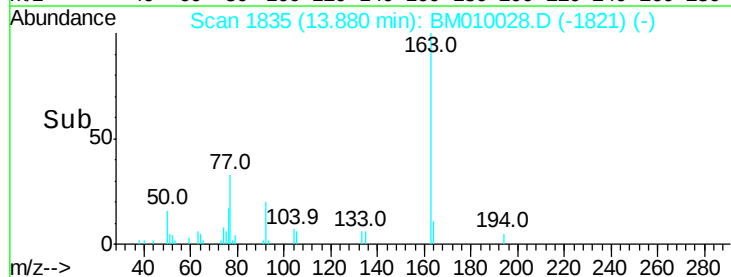
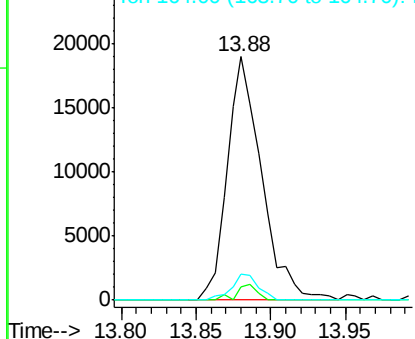


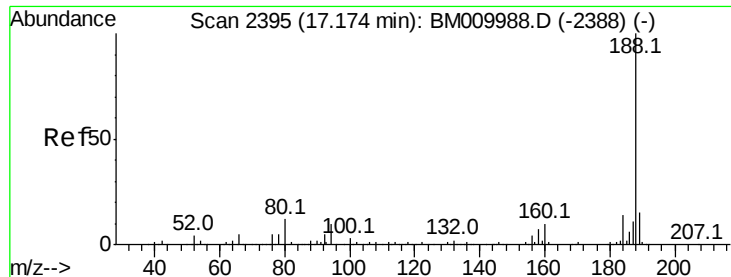
#49
Dimethylphthalate
Concen: 2.41 ng
RT: 13.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BM010028.D
Acq: 12 May 2017 17:51

Tgt Ion:163 Resp: 30684
Ion Ratio Lower Upper
163 100
194 5.4 2.7 4.1#
164 10.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2394

Delta R.T. -0.03 min

Lab File: BM010028.D

Acq: 12 May 2017 17:51

Instrument :

BNA_M

ClientSampleId :

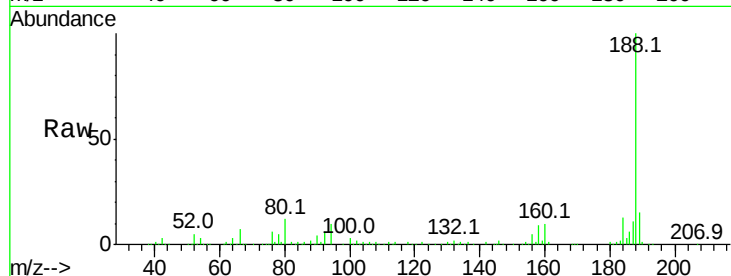
Tot Ion:188 Resp: 359003

Ion Ratio Lower Upper

188 100

94 10.5 8.7 13.1

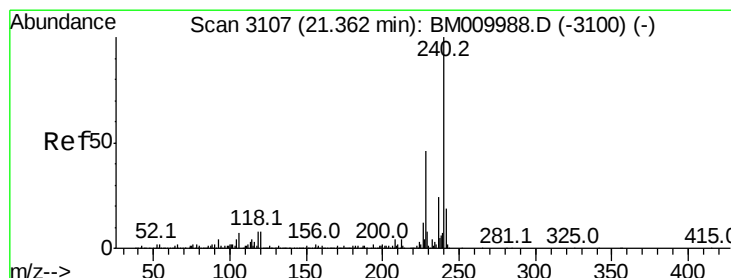
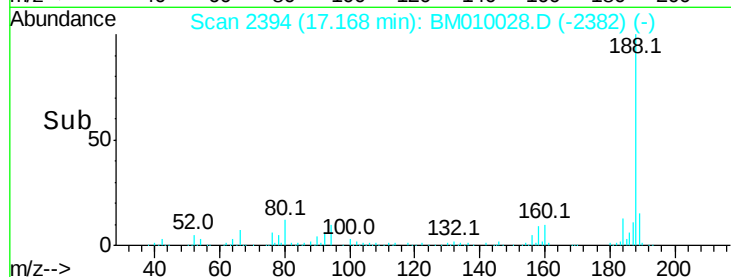
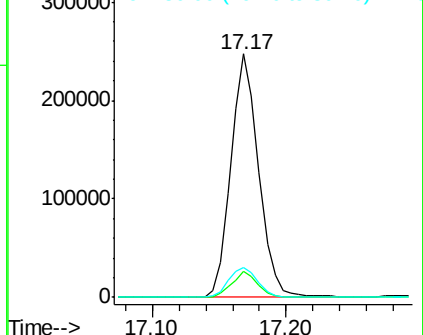
80 12.3 9.3 13.9



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: BM010028.D

Acq: 12 May 2017 17:51

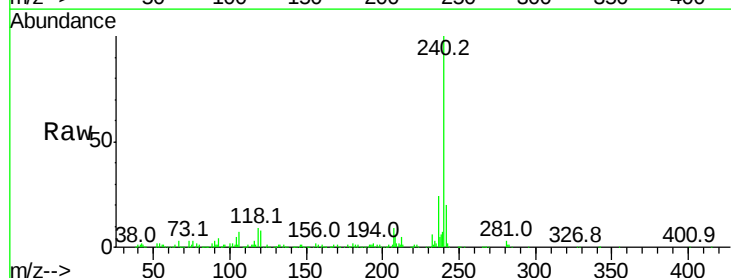
Tgt Ion:240 Resp: 420197

Ion Ratio Lower Upper

240 100

120 8.0 8.2 12.2#

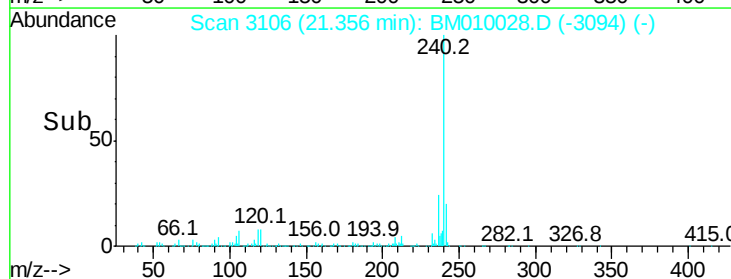
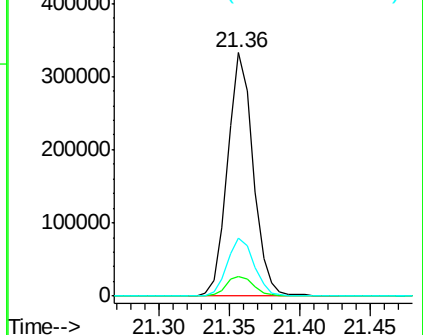
236 23.7 20.0 30.0

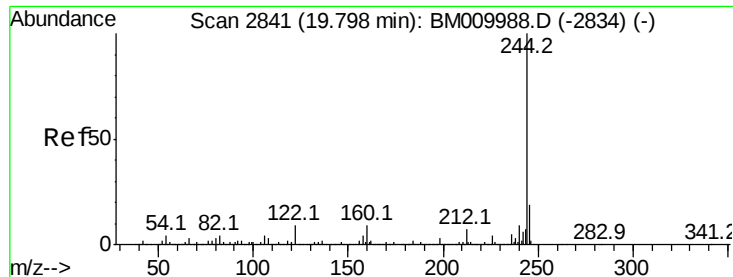


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.13 ng

RT: 19.79 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BM010028.D

Acq: 12 May 2017 17:51

Instrument :

BNA_M

ClientSampleId :

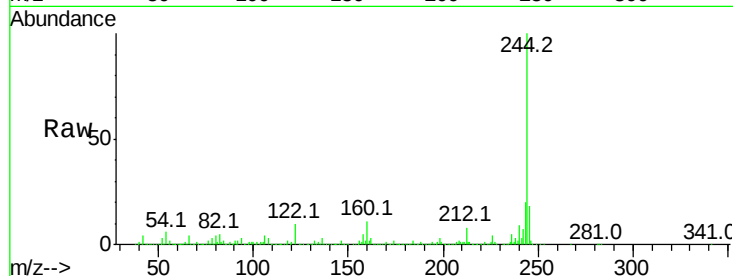
Tot Ion:244 Resp: 1896674

Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.9	7.3#
122	10.0	6.2	9.4#

244 100

212 7.5 4.9 7.3#

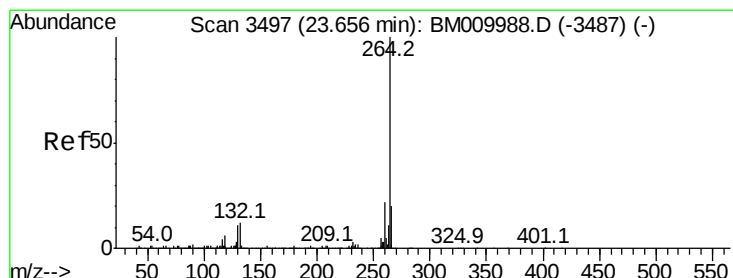
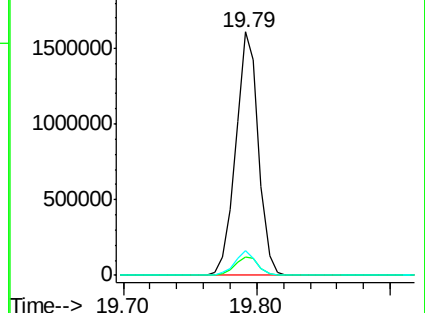
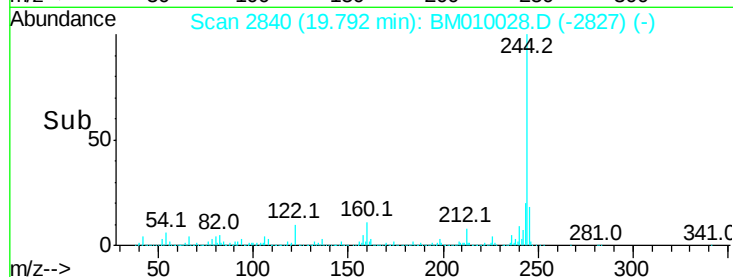
122 10.0 6.2 9.4#



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: BM010028.D

Acq: 12 May 2017 17:51

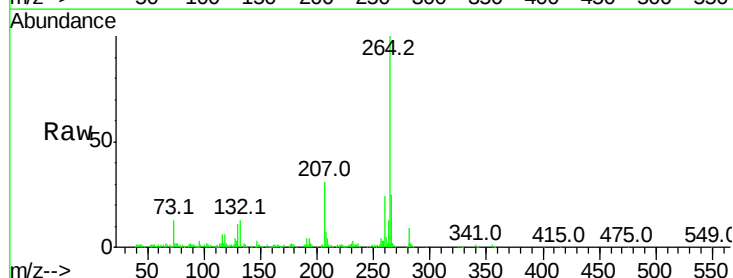
Tgt Ion:264 Resp: 344093

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	25.2	17.3	25.9

264 100

260 23.6 18.6 27.8

265 25.2 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

