

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
 Data File : BM010010.D
 Acq On : 12 May 2017 06:29
 Operator : SJ/MA
 Sample : I3079-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LF001MW002-170509

Quant Time: May 12 08:06:43 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

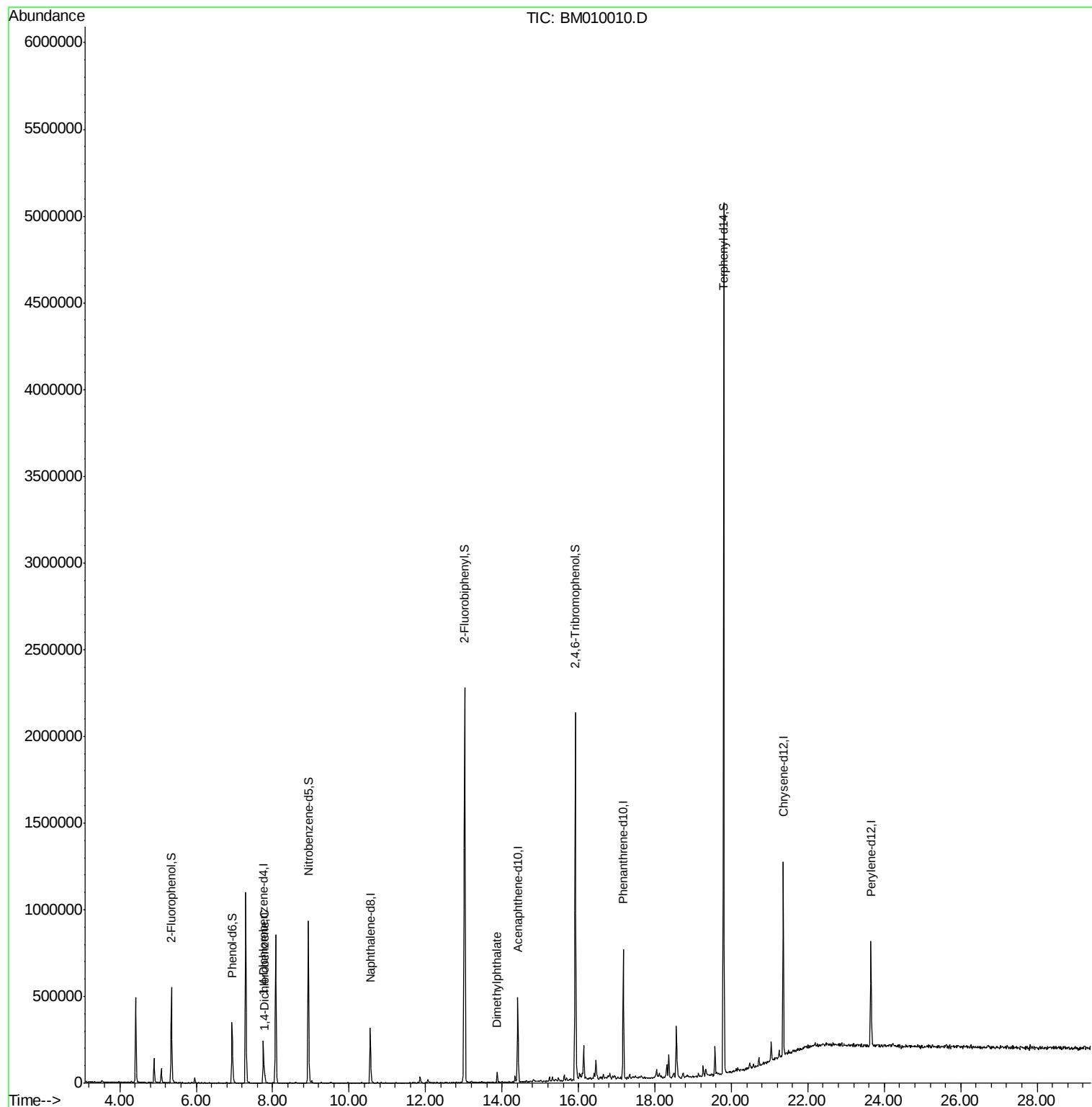
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	52942	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	218610	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	142440	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	381729	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	508948	20.00	ng	-0.03
86) Perylene-d12	23.65	264	413848	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	189960	56.15	ng	-0.02
7) Phenol-d6	6.94	99	177701	32.78	ng	-0.03
23) Nitrobenzene-d5	8.93	82	532982	89.10	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	308305	158.15	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	990176	92.96	ng	-0.02
78) Terphenyl-d14	19.80	244	1992042	82.49	ng	-0.02
Target Compounds						
13) 1,4-Dichlorobenzene	7.80	146	13232	3.15	ng	# 83
49) Dimethylphthalate	13.87	163	31370	2.50	ng	# 94

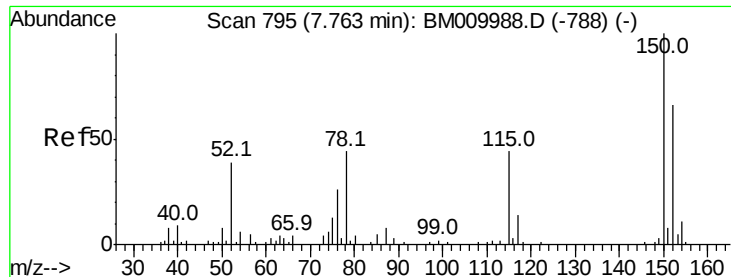
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM010010.D
Acq On : 12 May 2017 06:29
Operator : SJ/MA
Sample : I3079-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LF001MW002-170509

Quant Time: May 12 08:06:43 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 794

Delta R.T. -0.02 min

Lab File: BM010010.D

Acq: 12 May 2017 06:29

Instrument :

BNA_M

ClientSampleId :

LF001MW002-170509

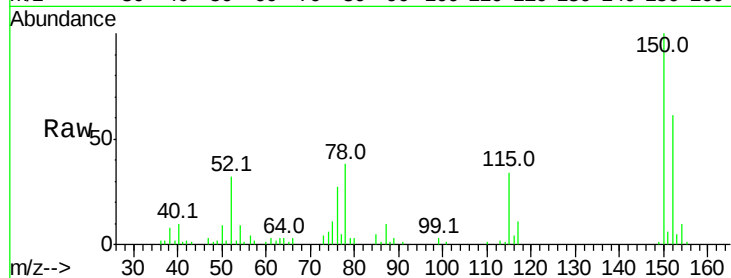
Tot Ion:152 Resp: 52942

Ion Ratio Lower Upper

152 100

150 164.2 119.5 179.3

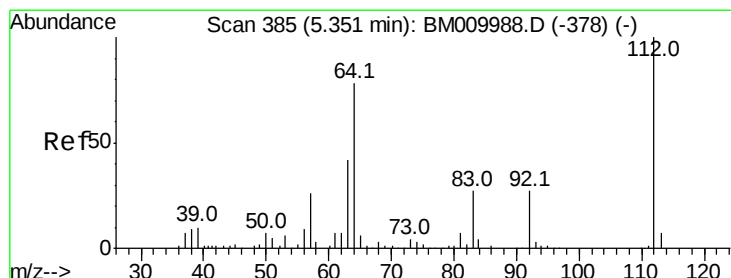
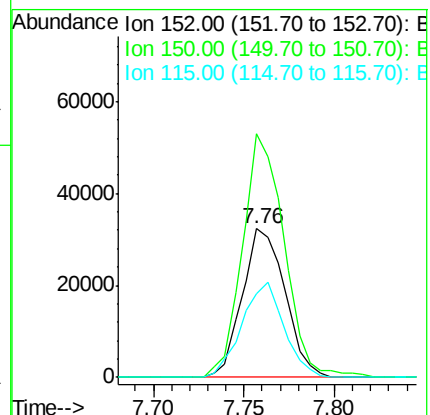
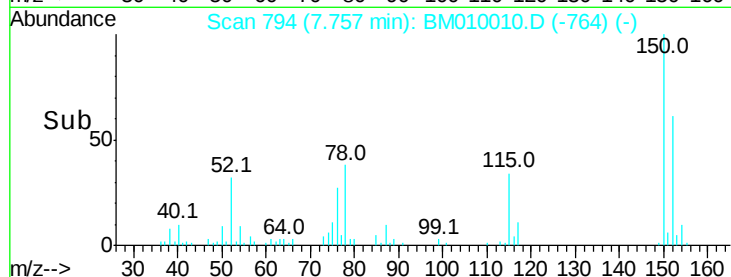
115 56.5 43.0 64.4



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: 56.15 ng

RT: 5.35 min Scan# 385

Delta R.T. -0.02 min

Lab File: BM010010.D

Acq: 12 May 2017 06:29

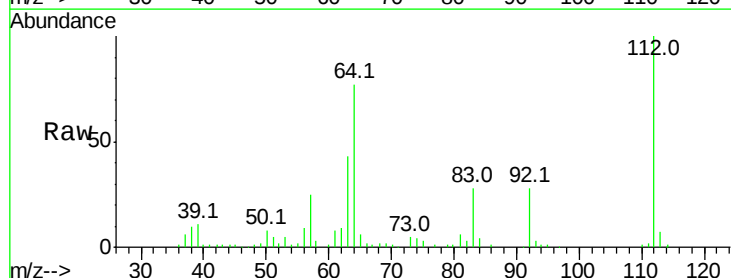
Tgt Ion:112 Resp: 189960

Ion Ratio Lower Upper

112 100

64 76.6 38.6 57.8#

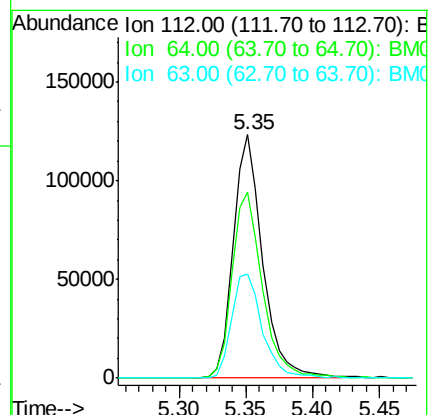
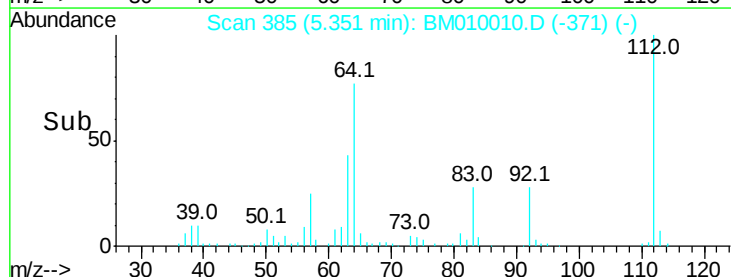
63 42.8 19.3 28.9#

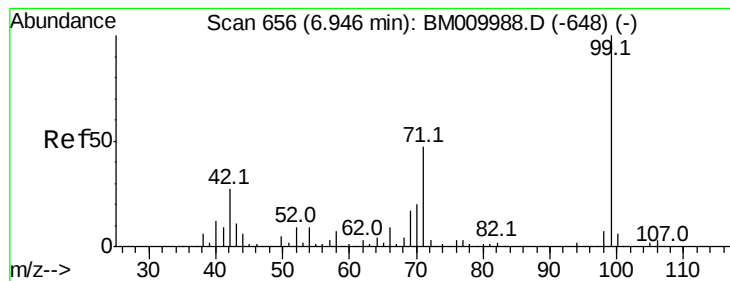


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 32.78 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM010010.D

Acq: 12 May 2017 06:29

Instrument :

BNA_M

ClientSampleId :

LF001MW002-170509

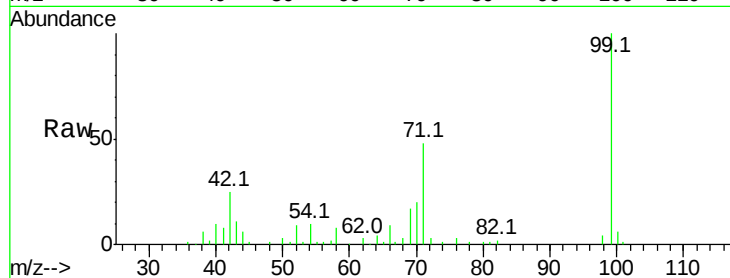
Tot Ion: 99 Resp: 177701

Ion Ratio Lower Upper

99 100

42 24.9 11.0 16.4#

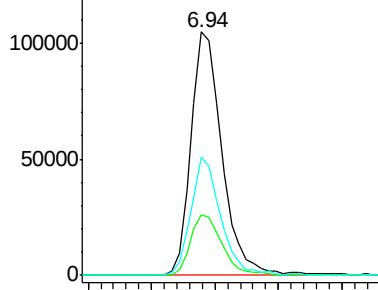
71 48.3 23.4 35.2#



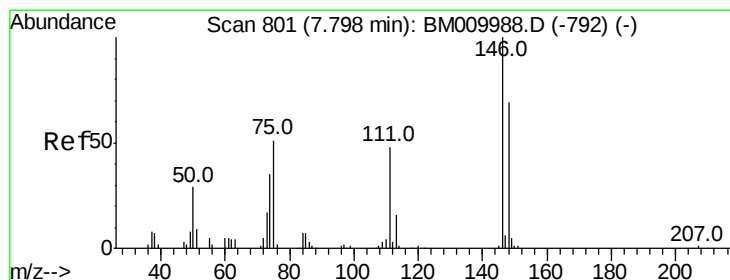
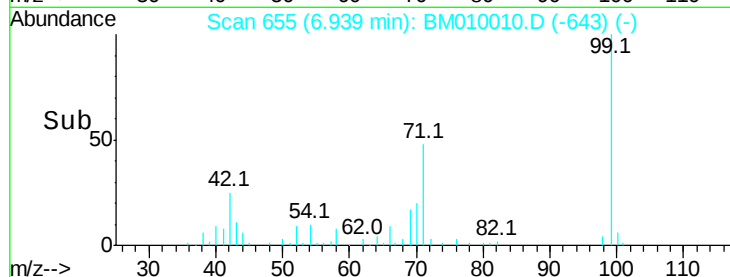
Abundance Ion 99.00 (98.70 to 99.70): BM009988.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM009988.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM009988.D (-648) (-)



Time-->



#13

1,4-Dichlorobenzene

Concen: 3.15 ng

RT: 7.80 min Scan# 801

Delta R.T. -0.02 min

Lab File: BM010010.D

Acq: 12 May 2017 06:29

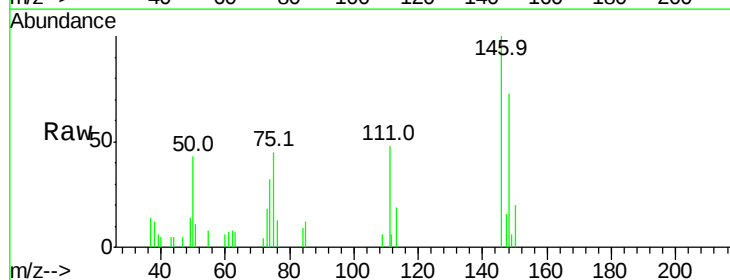
Tgt Ion: 146 Resp: 13232

Ion Ratio Lower Upper

146 100

148 72.5 51.9 77.9

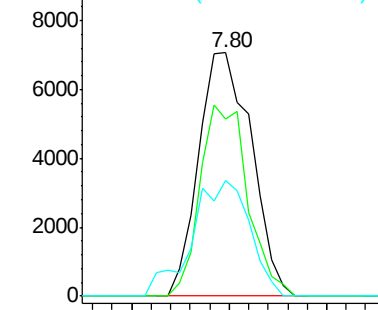
111 53.5 29.2 43.8#



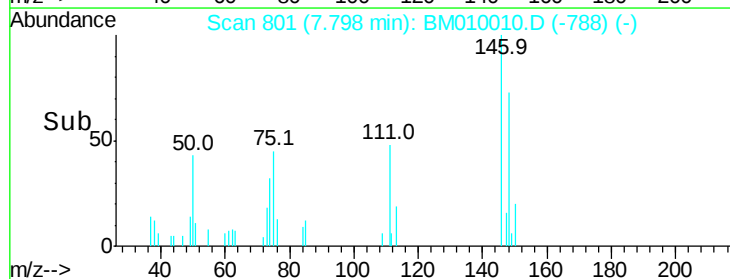
Abundance Ion 146.00 (145.70 to 146.70): BM009988.D (-792) (-)

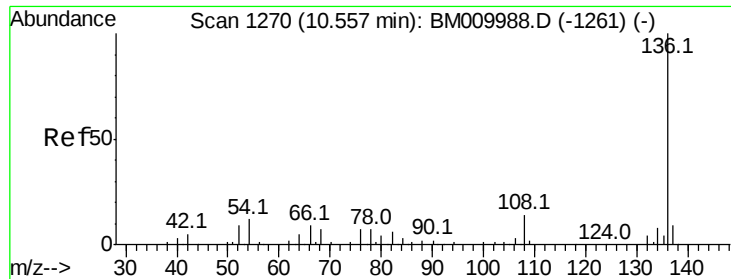
Ion 148.00 (147.70 to 148.70): BM009988.D (-792) (-)

Ion 111.00 (110.70 to 111.70): BM009988.D (-792) (-)



Time-->

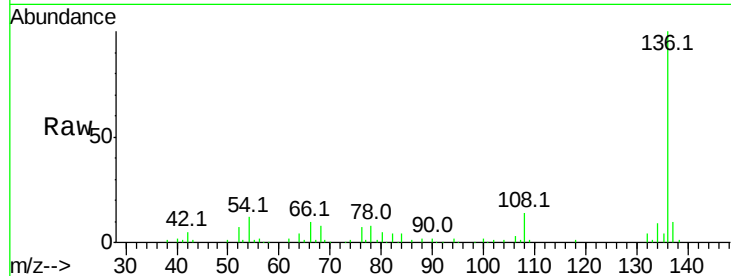




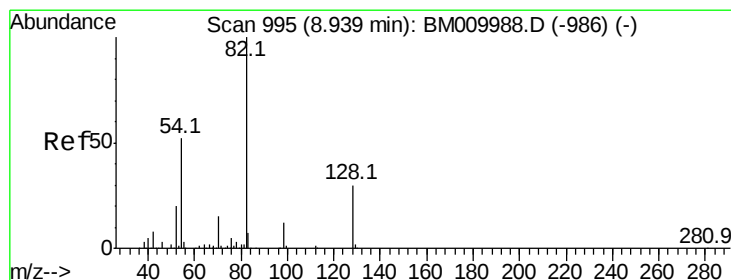
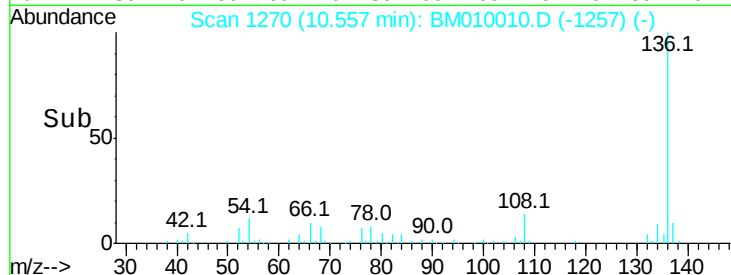
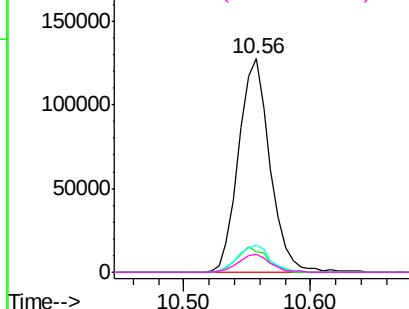
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BM010010.D
Acq: 12 May 2017 06:29

Instrument :
BNA_M
ClientSampleId :
LF001MW002-170509

Tot Ion:	136	Resp:	218610
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.7	13.1
54	12.4	4.6	6.8#
68	8.2	3.7	5.5#

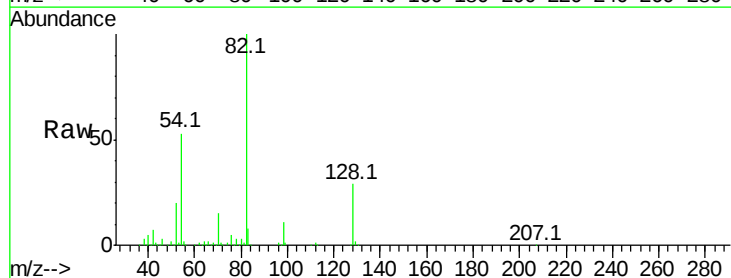


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

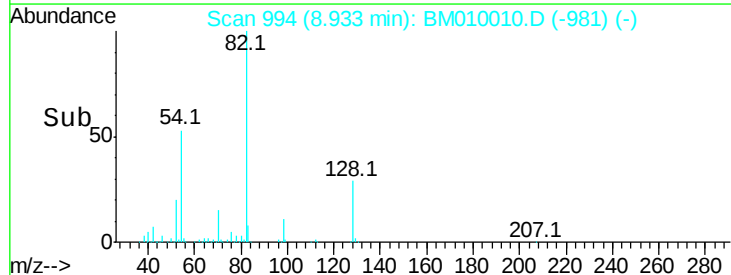
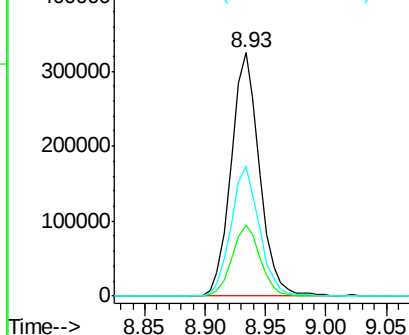


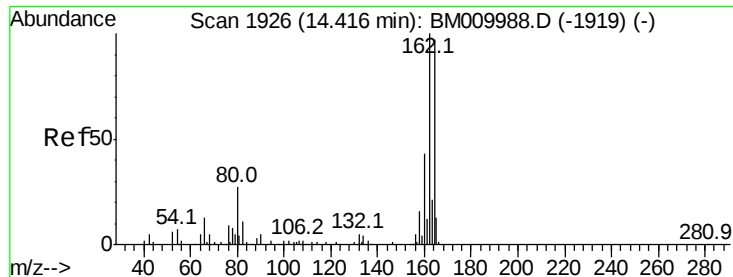
#23
Nitrobenzene-d5
Concen: 89.10 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.02 min
Lab File: BM010010.D
Acq: 12 May 2017 06:29

Tgt Ion:	82	Resp:	532982
Ion	Ratio	Lower	Upper
82	100		
128	28.8	32.8	49.2#
54	53.0	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

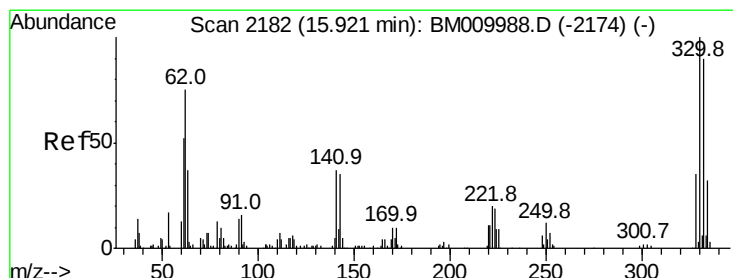
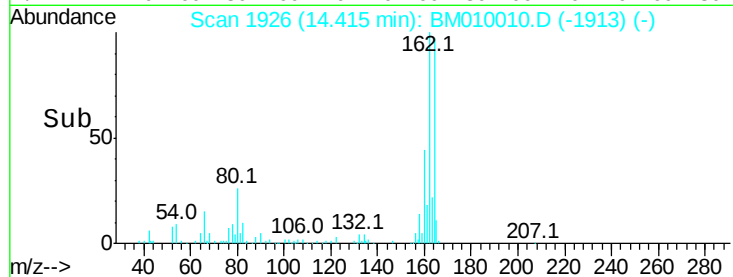
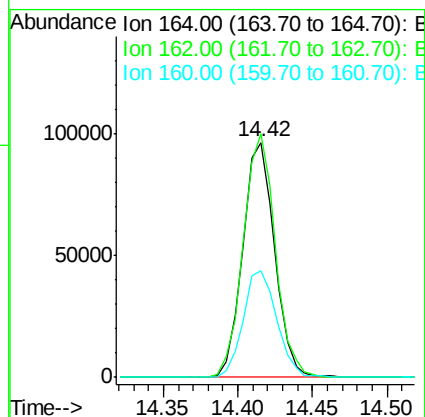
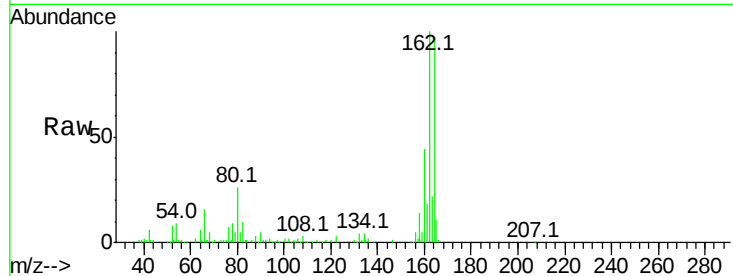




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.42 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BM010010.D
Acq: 12 May 2017 06:29

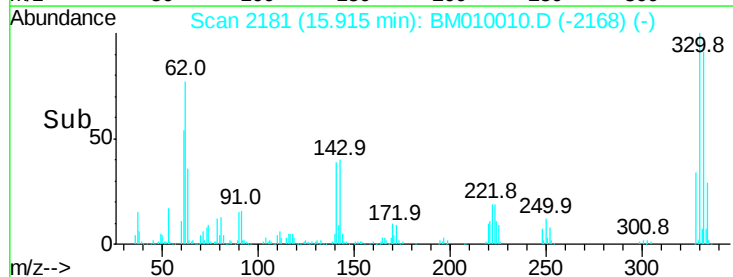
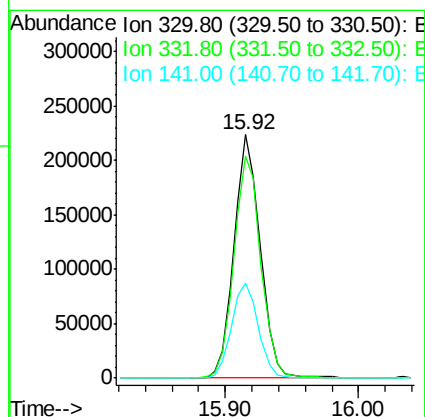
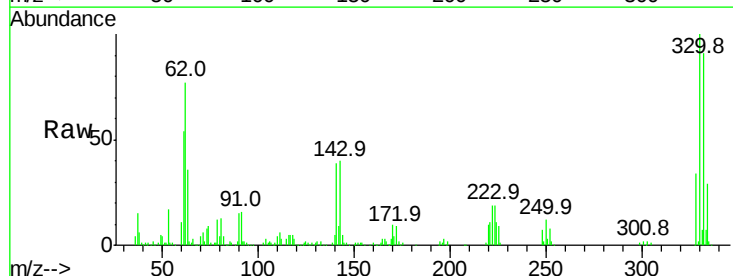
Instrument :
BNA_M
ClientSampleId :
LF001MW002-170509

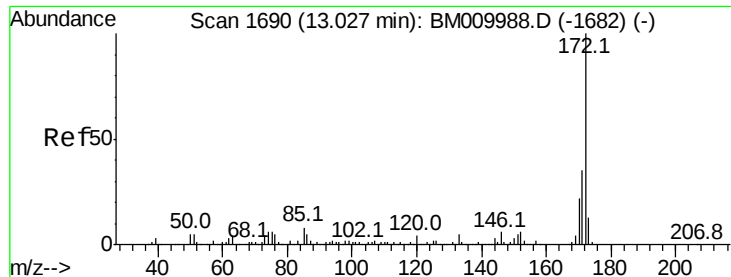
Tot Ion:164 Resp: 142440
Ion Ratio Lower Upper
164 100
162 103.6 82.4 123.6
160 45.2 35.8 53.6



#41
2,4,6-Tribromophenol
Concen: 158.15 ng
RT: 15.92 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BM010010.D
Acq: 12 May 2017 06:29

Tgt Ion:330 Resp: 308305
Ion Ratio Lower Upper
330 100
332 93.8 0.0 0.0#
141 40.3 0.0 0.0#

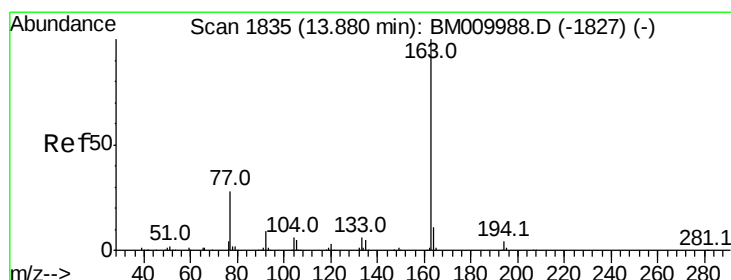
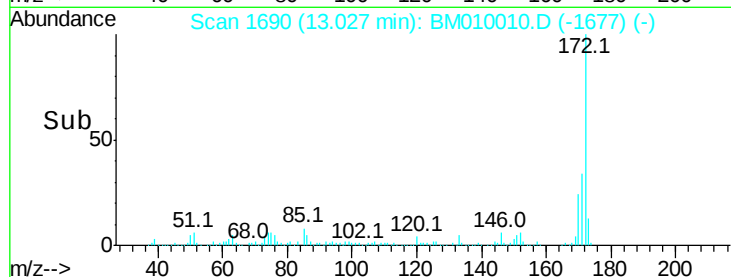
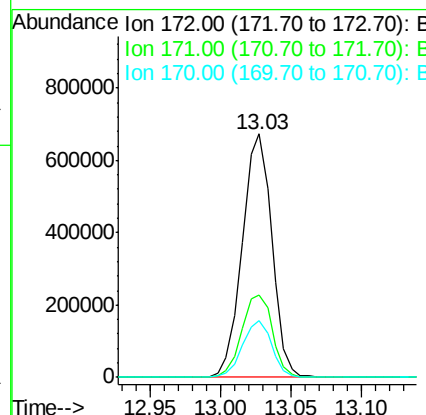
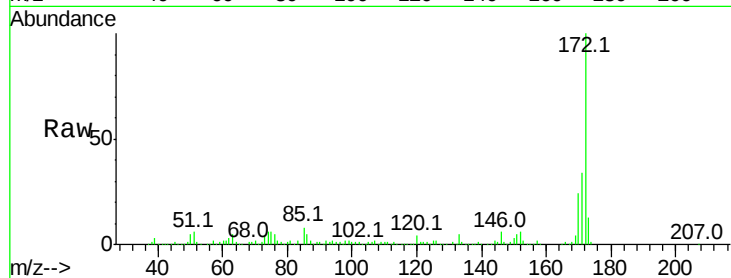




#44
2-Fluorobiphenyl
Concen: 92.96 ng
RT: 13.03 min Scan# 1690
Delta R.T. -0.02 min
Lab File: BM010010.D
Acq: 12 May 2017 06:29

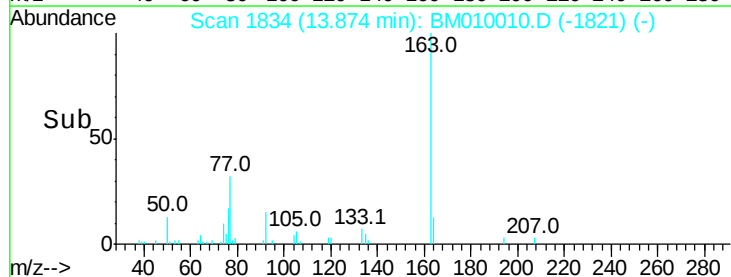
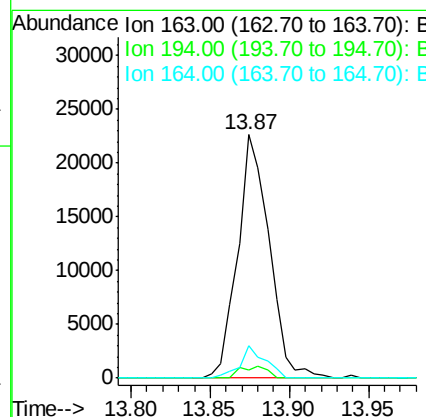
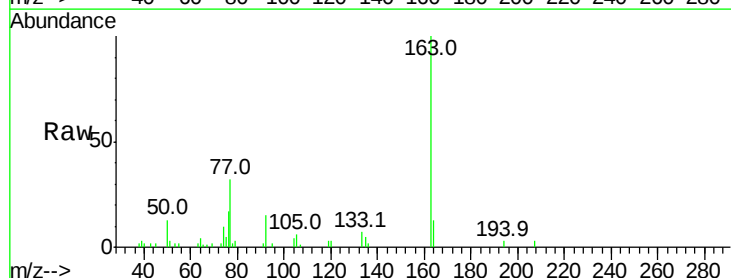
Instrument :
BNA_M
ClientSampleId :
LF001MW002-170509

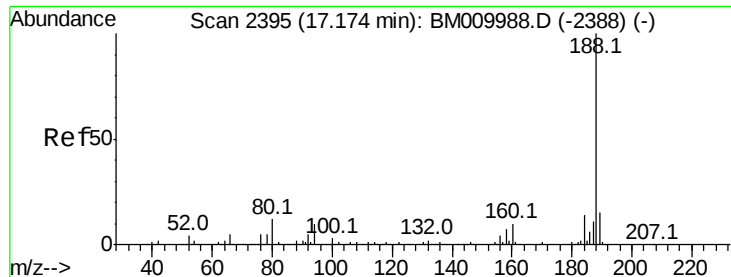
Tot Ion:172 Resp: 990176
Ion Ratio Lower Upper
172 100
171 34.0 28.5 42.7
170 23.5 18.8 28.2



#49
Dimethylphthalate
Concen: 2.50 ng
RT: 13.87 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BM010010.D
Acq: 12 May 2017 06:29

Tgt Ion:163 Resp: 31370
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 13.4 8.2 12.2#

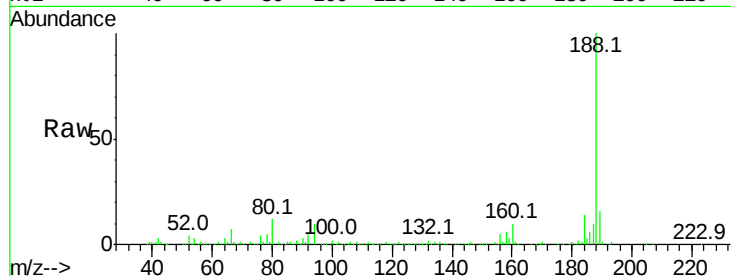




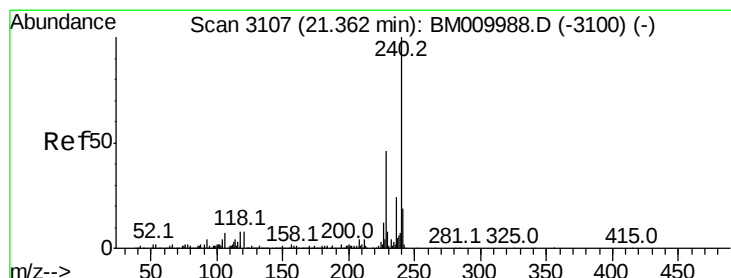
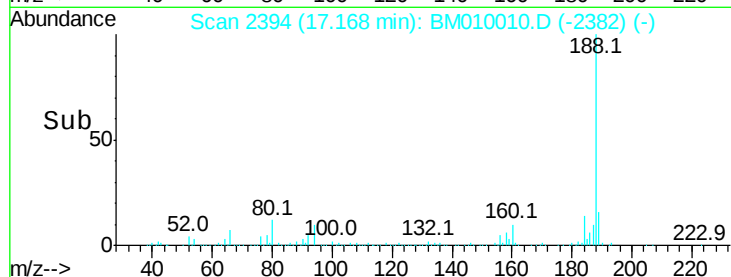
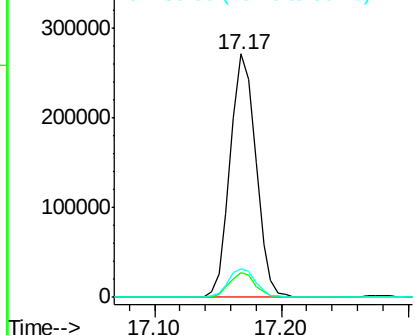
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.03 min
Lab File: BM010010.D
Acq: 12 May 2017 06:29

Instrument :
BNA_M
ClientSampleId :
LF001MW002-170509

Tot Ion:188 Resp: 381729
Ion Ratio Lower Upper
188 100
94 10.4 8.7 13.1
80 11.5 9.3 13.9

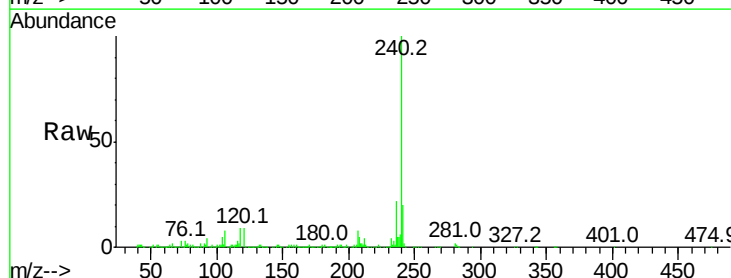


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

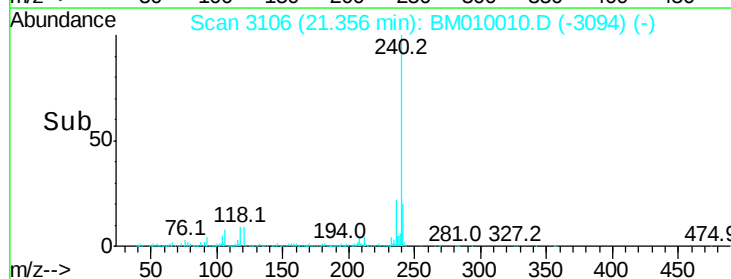
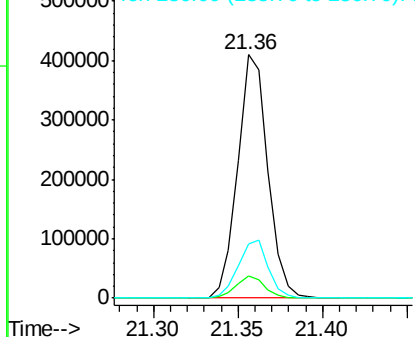


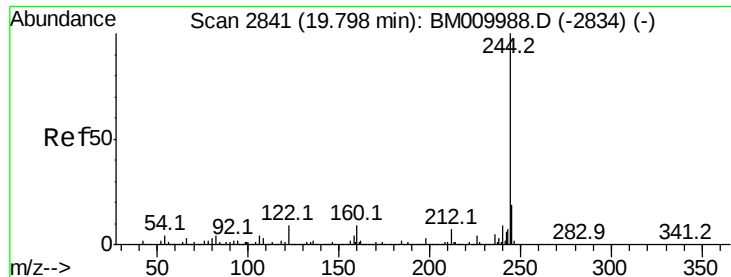
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.03 min
Lab File: BM010010.D
Acq: 12 May 2017 06:29

Tgt Ion:240 Resp: 508948
Ion Ratio Lower Upper
240 100
120 9.0 8.2 12.2
236 22.3 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: 82.49 ng

RT: 19.80 min Scan# 2841

Delta R.T. -0.02 min

Lab File: BM010010.D

Acq: 12 May 2017 06:29

Instrument :

BNA_M

ClientSampleId :

LF001MW002-170509

Tot Ion:244 Resp: 1992042

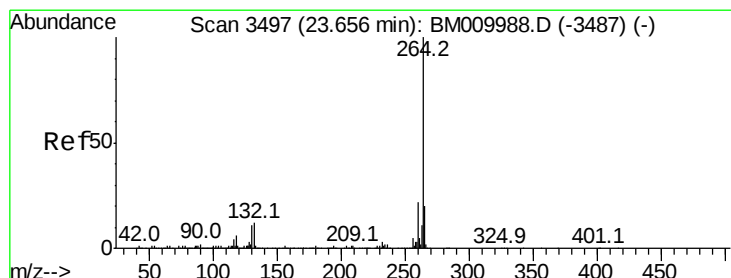
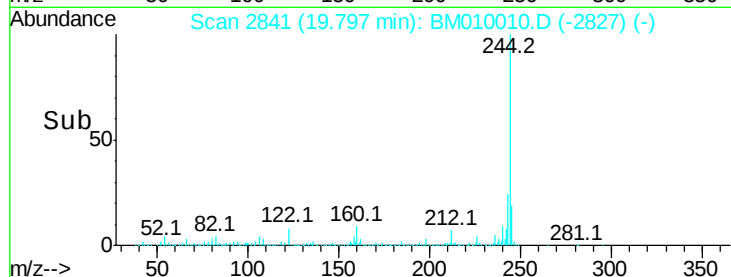
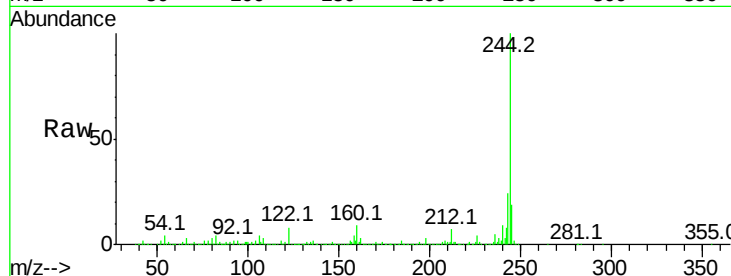
Ion	Ratio	Lower	Upper
244	100		
212	7.1	4.9	7.3
122	7.9	6.2	9.4

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

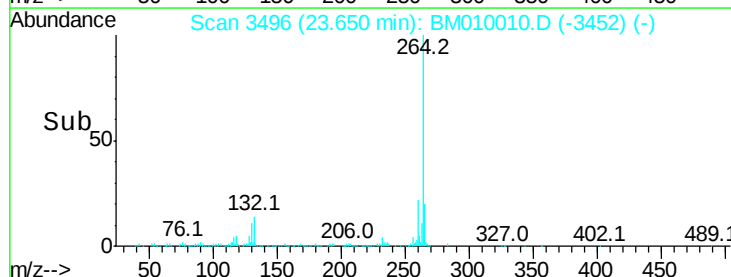
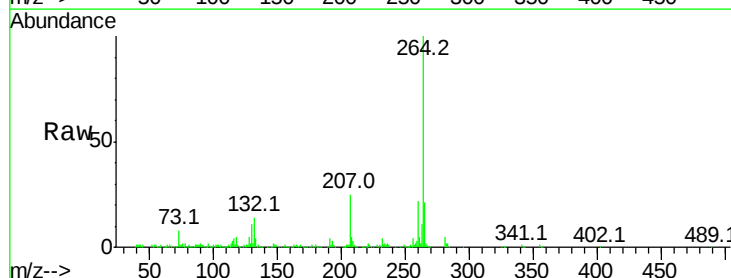
Delta R.T. -0.04 min

Lab File: BM010010.D

Acq: 12 May 2017 06:29

Tgt Ion:264 Resp: 413848

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.6	27.8
265	20.9	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