

Data Path : Z:\HPCHEM1\BNA M\Data\BM051117\
 Data File : BM010017.D
 Acq On : 12 May 2017 10:41
 Operator : SJ/MA
 Sample : I3079-09DL 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 12 11:21:02 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

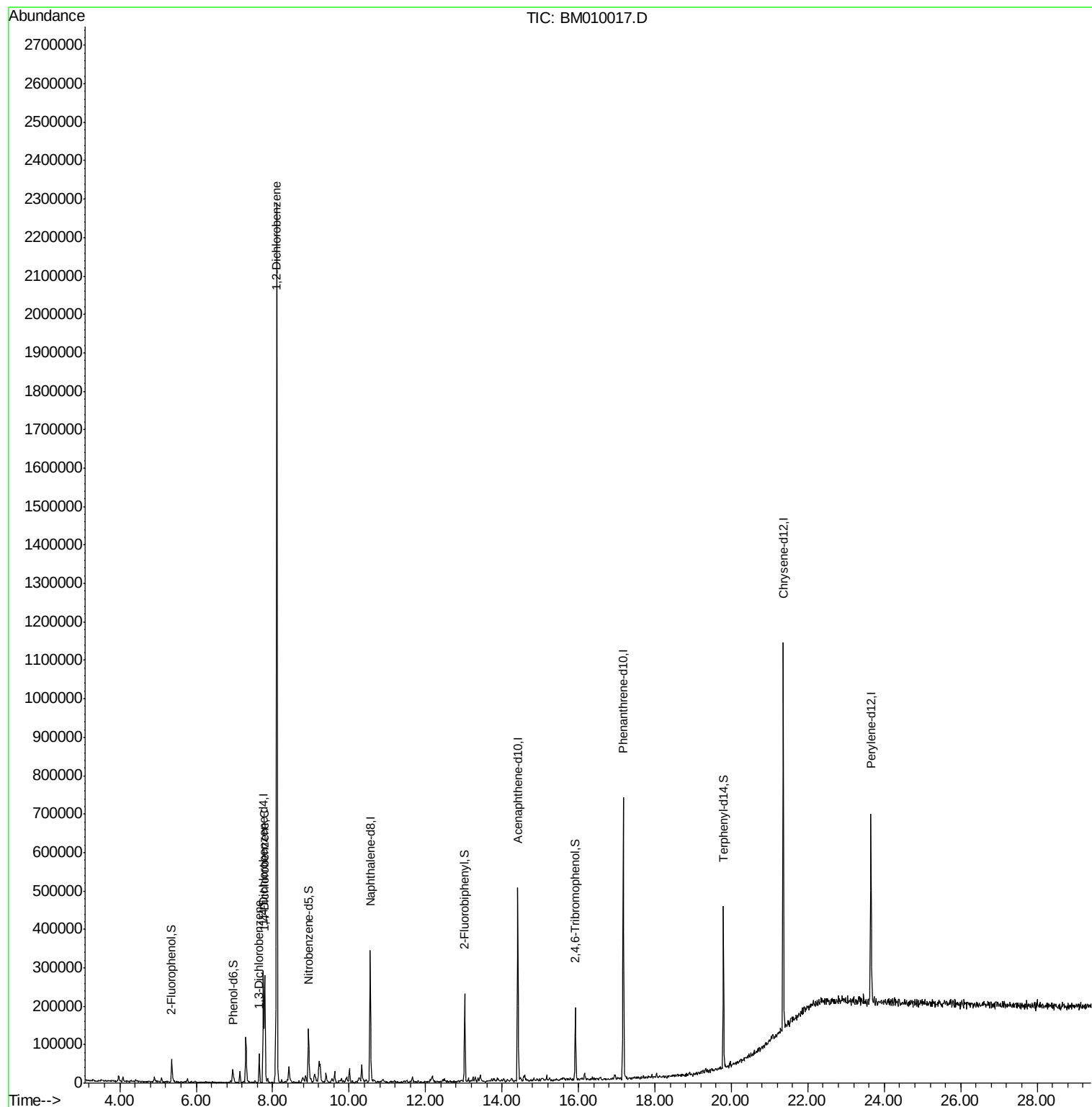
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	59233	20.00	ng	-0.02
21) Naphthalene-d8	10.55	136	227956	20.00	ng	-0.03
38) Acenaphthene-d10	14.42	164	148452	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	384782	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	474746	20.00	ng	-0.03
86) Perylene-d12	23.65	264	340104	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	22919	6.06	ng	-0.01
7) Phenol-d6	6.96	99	20427	3.37	ng	-0.01
23) Nitrobenzene-d5	8.94	82	62602	10.04	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	28486	14.02	ng	-0.02
44) 2-Fluorobiphenyl	13.02	172	105485	9.50	ng	-0.03
78) Terphenyl-d14	19.79	244	154102	6.84	ng	-0.02
Target Compounds						
12) 1,3-Dichlorobenzene	7.65	146	20436	4.45	ng	# 84
13) 1,4-Dichlorobenzene	7.79	146	82046	17.45	ng	# 93
14) 1,2-Dichlorobenzene	8.11	146	666704	146.29	ng	# 91

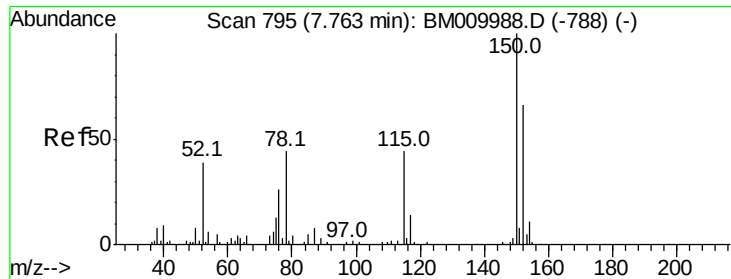
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM010017.D

Acq: 12 May 2017 10:41

Instrument :

BNA_M

ClientSampleId :

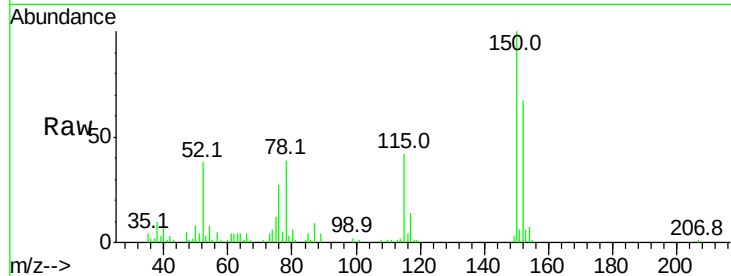
Tot Ion:152 Resp: 59233

Ion Ratio Lower Upper

152 100

150 149.4 119.5 179.3

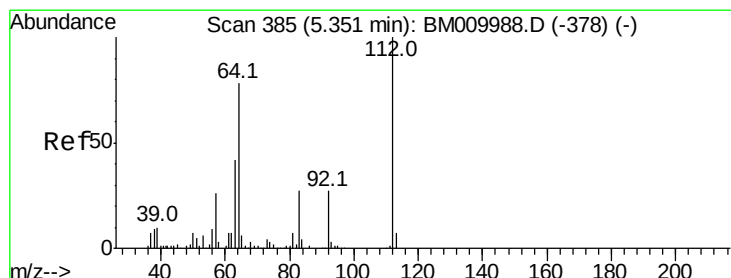
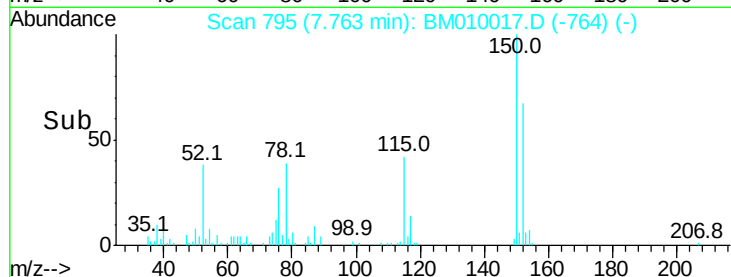
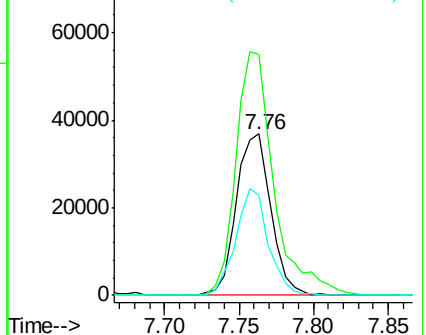
115 62.4 43.0 64.4



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: 6.06 ng

RT: 5.36 min Scan# 386

Delta R.T. -0.01 min

Lab File: BM010017.D

Acq: 12 May 2017 10:41

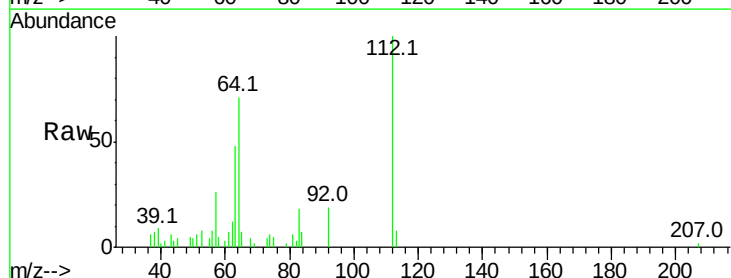
Tgt Ion:112 Resp: 22919

Ion Ratio Lower Upper

112 100

64 71.5 38.6 57.8#

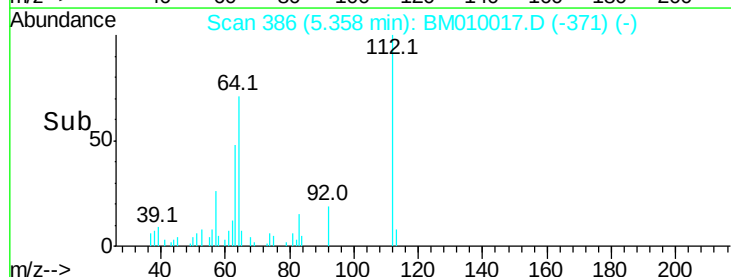
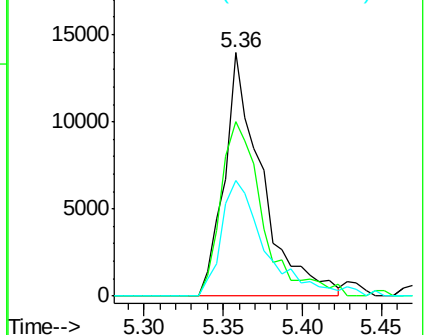
63 47.7 19.3 28.9#

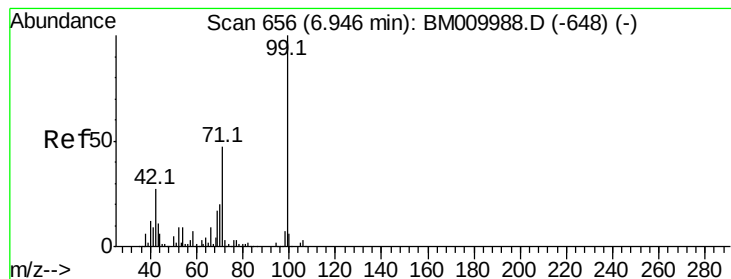


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 3.37 ng

RT: 6.96 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM010017.D

Acq: 12 May 2017 10:41

Instrument :

BNA_M

ClientSampleId :

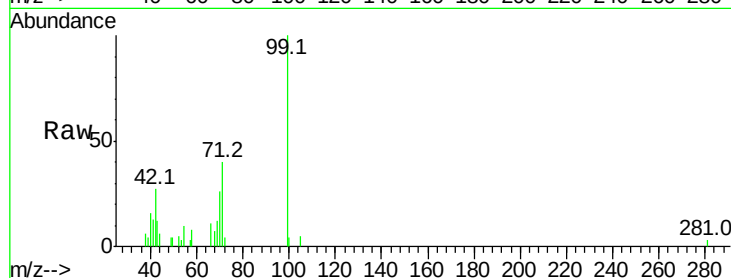
Tot Ion: 99 Resp: 20427

Ion Ratio Lower Upper

99 100

42 27.3 11.0 16.4#

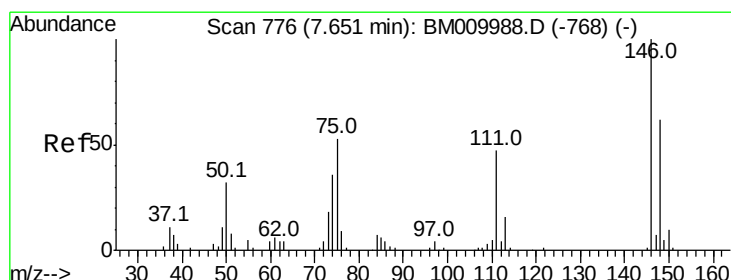
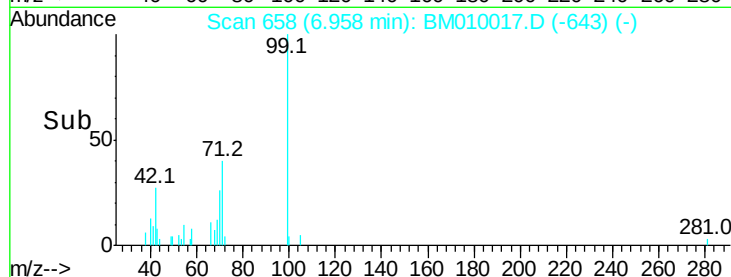
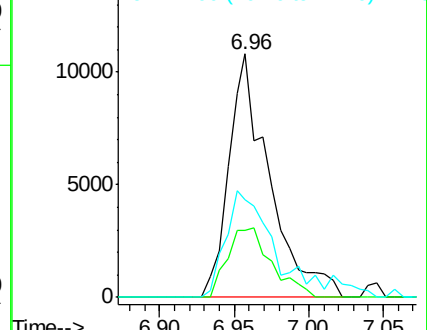
71 40.4 23.4 35.2#



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) (-)



#12

1,3-Dichlorobenzene

Concen: 4.45 ng

RT: 7.65 min Scan# 776

Delta R.T. -0.02 min

Lab File: BM010017.D

Acq: 12 May 2017 10:41

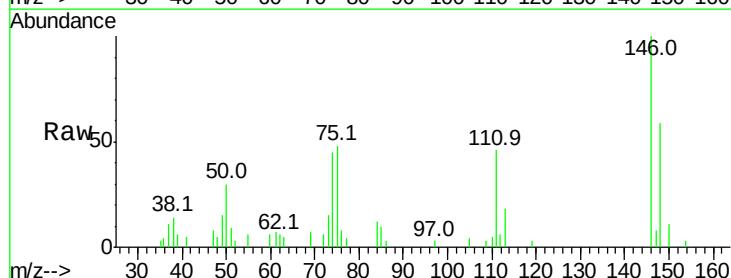
Tgt Ion: 146 Resp: 20436

Ion Ratio Lower Upper

146 100

148 59.1 50.9 76.3

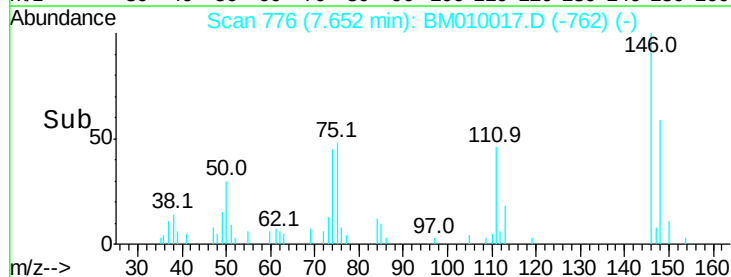
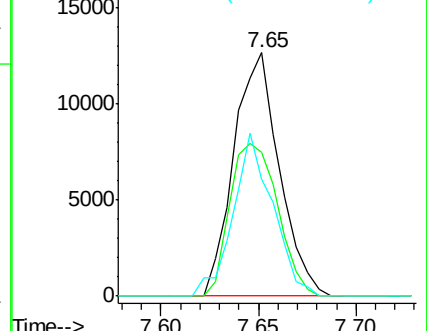
75 48.1 21.4 32.2#

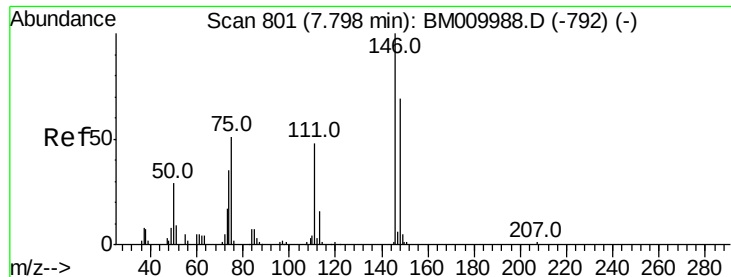


Abundance Ion 146.00 (145.70 to 146.70): BM009988.D (-768) (-)

Ion 148.00 (147.70 to 148.70): BM009988.D (-768) (-)

Ion 75.00 (74.70 to 75.70): BM009988.D (-768) (-)





#13

1,4-Dichlorobenzene

Concen: 17.45 ng

RT: 7.79 min Scan# 800

Delta R.T. -0.03 min

Lab File: BM010017.D

Acq: 12 May 2017 10:41

Instrument :

BNA_M

ClientSampled :

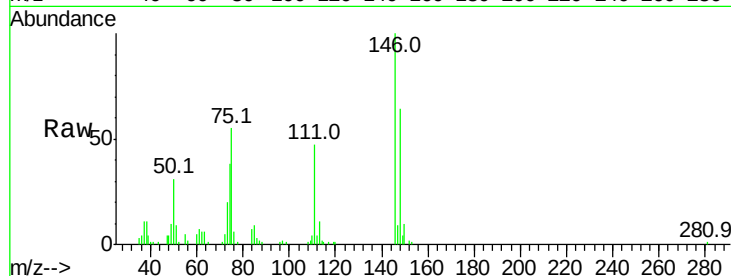
Tot Ion:146 Resp: 82046

Ion Ratio Lower Upper

146 100

148 63.8 51.9 77.9

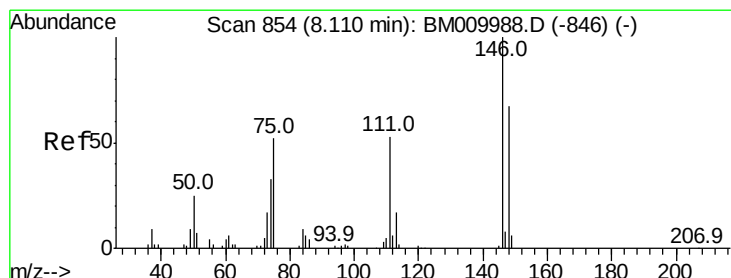
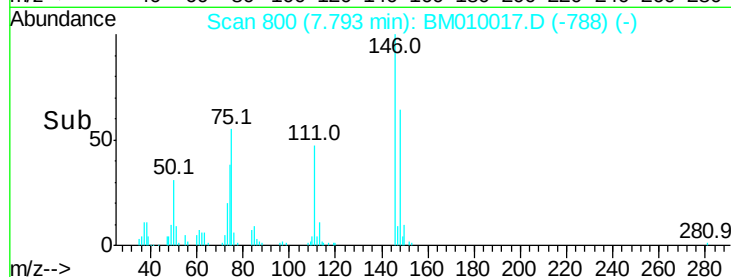
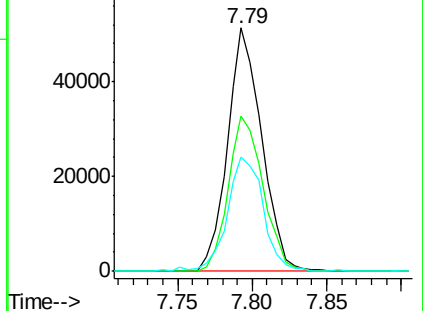
111 47.1 29.2 43.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 146.29 ng

RT: 8.11 min Scan# 854

Delta R.T. -0.02 min

Lab File: BM010017.D

Acq: 12 May 2017 10:41

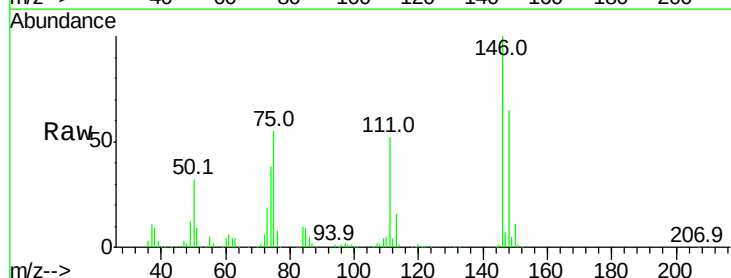
Tgt Ion:146 Resp: 666704

Ion Ratio Lower Upper

146 100

148 64.9 52.3 78.5

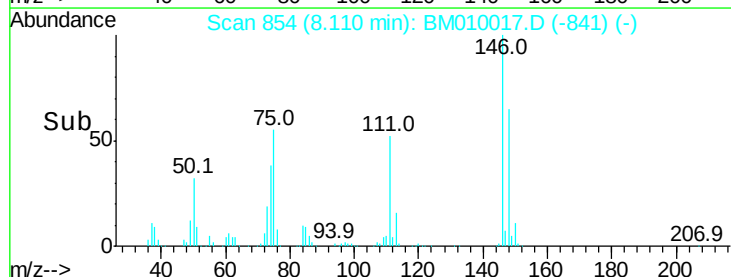
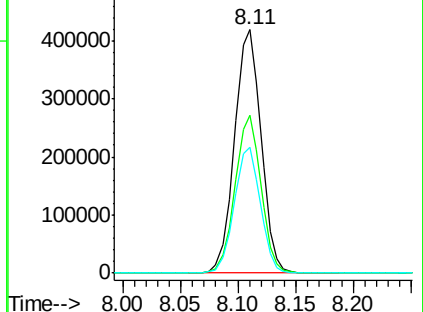
111 51.9 30.6 45.8#

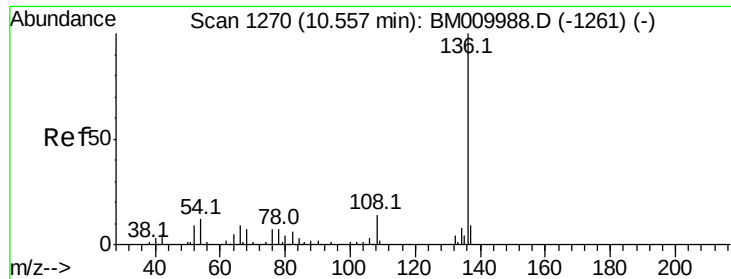


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

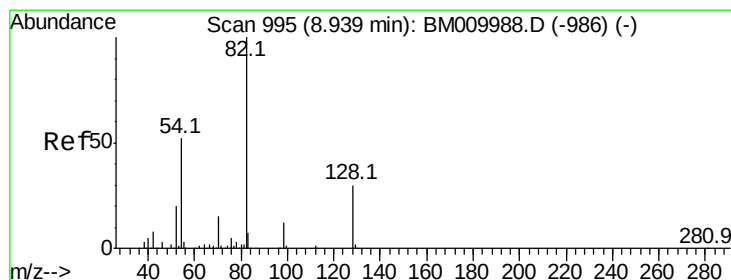
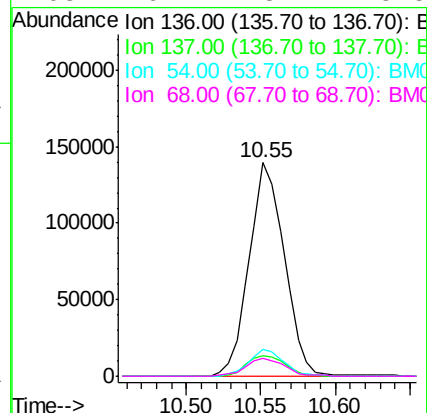
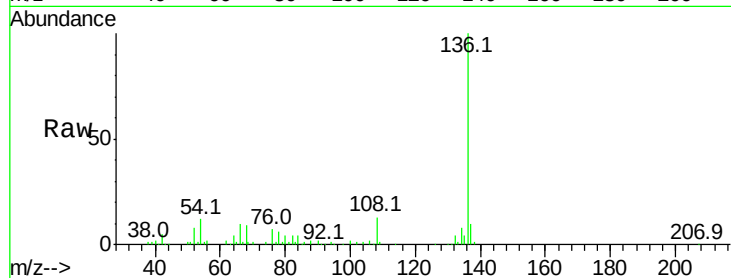




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.03 min
Lab File: BM010017.D
Acq: 12 May 2017 10:41

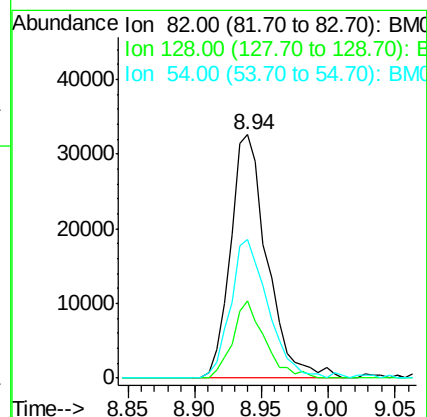
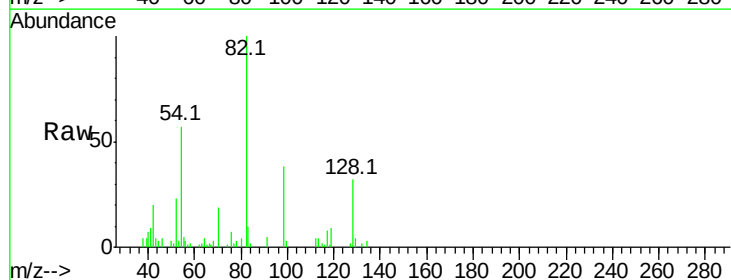
Instrument :
BNA_M
ClientSampleId :

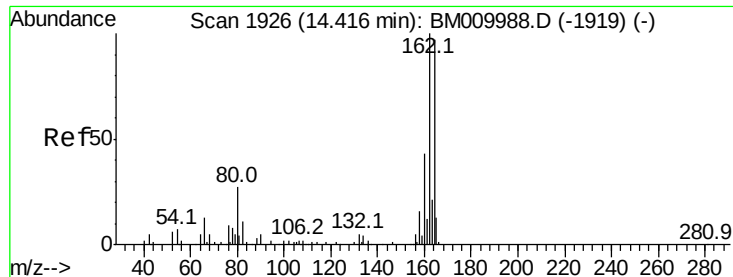
Tot Ion:	136	Resp:	227956
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.7	13.1
54	12.4	4.6	6.8#
68	10.1	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 10.04 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.02 min
Lab File: BM010017.D
Acq: 12 May 2017 10:41

Tgt Ion:	82	Resp:	62602
Ion	Ratio	Lower	Upper
82	100		
128	31.8	32.8	49.2#
54	56.8	40.6	60.8



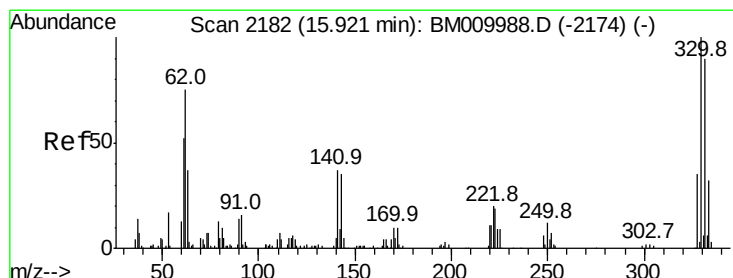
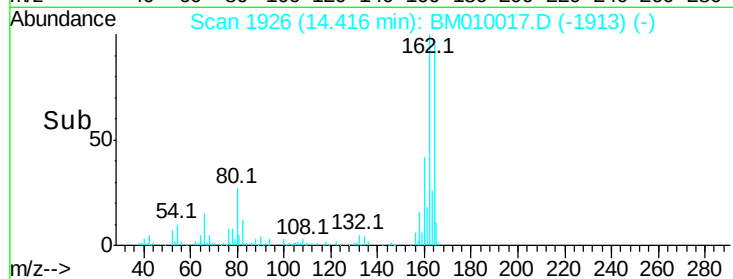
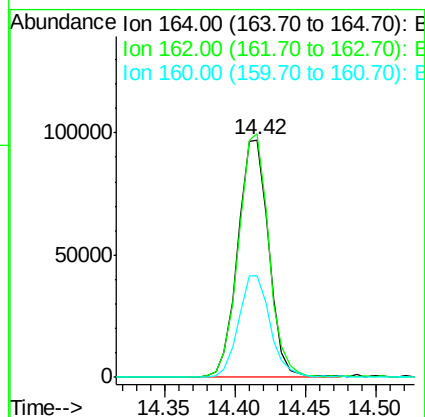
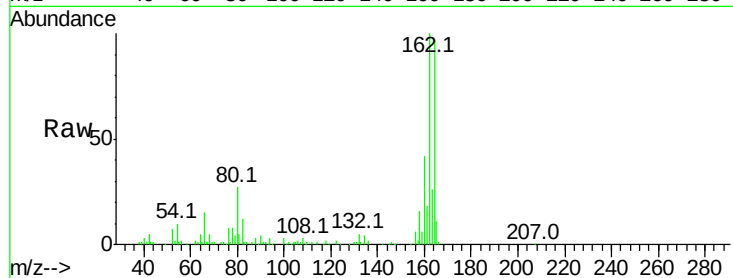


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.42 min Scan# 1926
 Delta R.T. -0.02 min
 Lab File: BM010017.D
 Acq: 12 May 2017 10:41

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:164 Resp: 148452

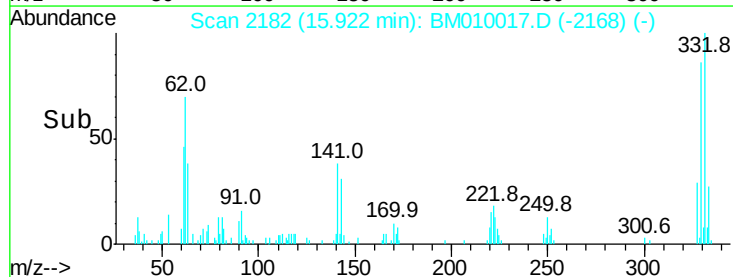
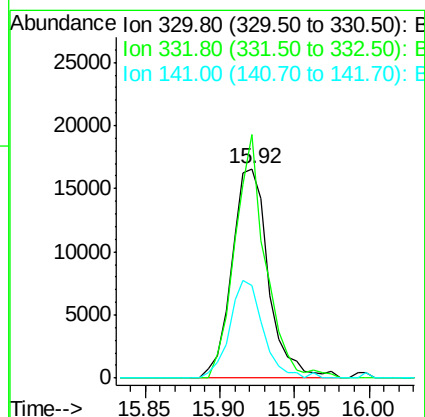
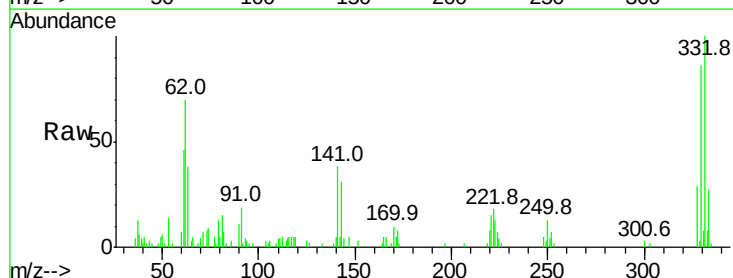
Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.4	123.6
160	42.7	35.8	53.6

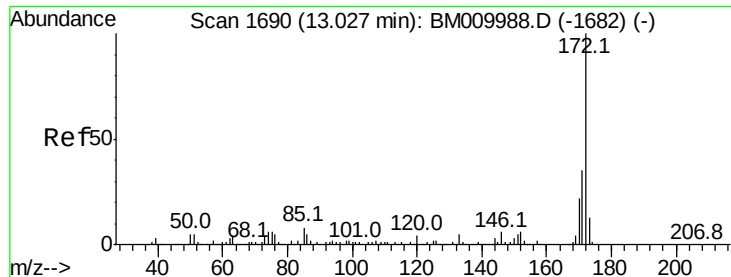


#41
 2,4,6-Tribromophenol
 Concen: 14.02 ng
 RT: 15.92 min Scan# 2182
 Delta R.T. -0.02 min
 Lab File: BM010017.D
 Acq: 12 May 2017 10:41

Tgt Ion:330 Resp: 28486

Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	42.9	0.0	0.0#





#44

2-Fluorobiphenyl

Concen: 9.50 ng

RT: 13.02 min Scan# 1689

Delta R.T. -0.03 min

Lab File: BM010017.D

Acq: 12 May 2017 10:41

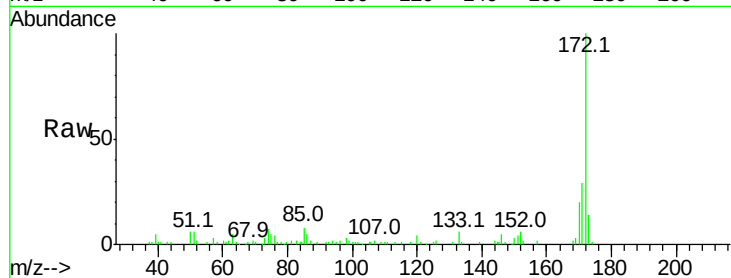
Instrument :

BNA_M

ClientSampleId :

Tot Ion:172 Resp: 105485

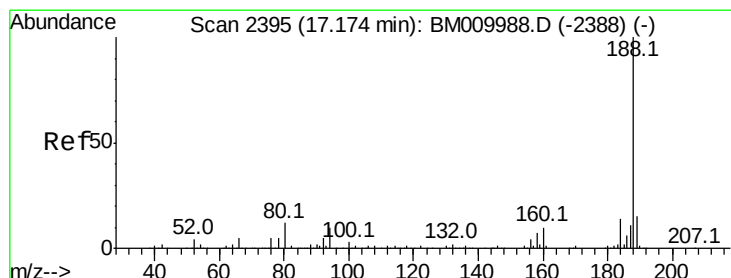
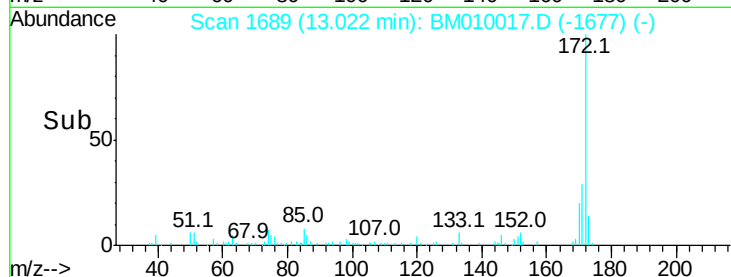
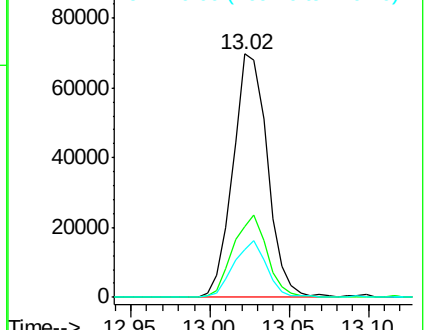
Ion	Ratio	Lower	Upper
172	100		
171	29.3	28.5	42.7
170	19.5	18.8	28.2



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

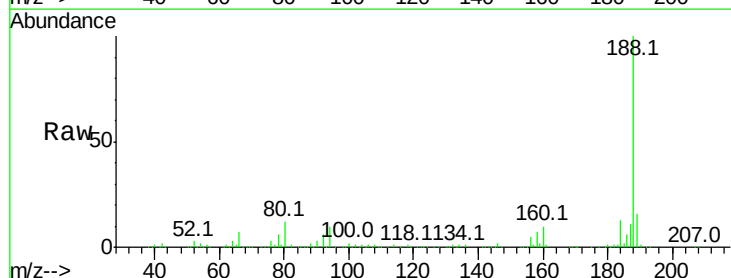
Delta R.T. -0.03 min

Lab File: BM010017.D

Acq: 12 May 2017 10:41

Tgt Ion:188 Resp: 384782

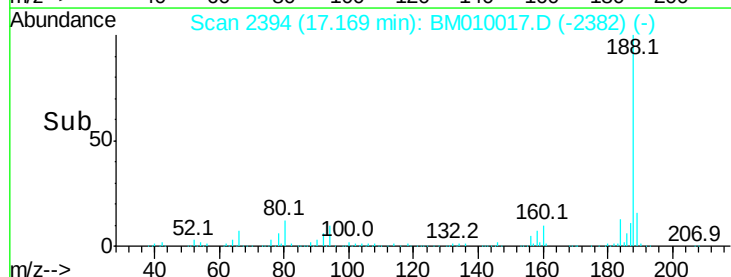
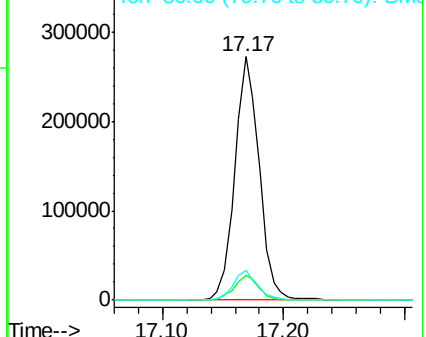
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.7	13.1
80	12.1	9.3	13.9

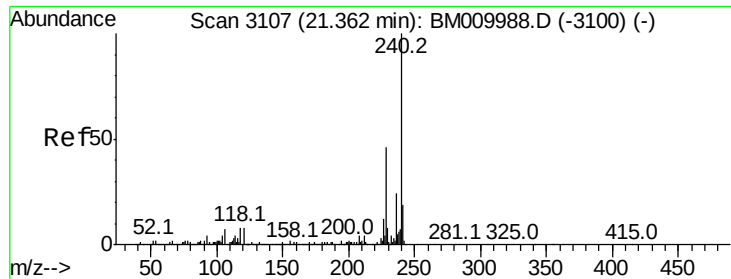


Abundance Ion 188.00 (187.70 to 188.70): E

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: BM010017.D

Acq: 12 May 2017 10:41

Instrument :

BNA_M

ClientSampleId :

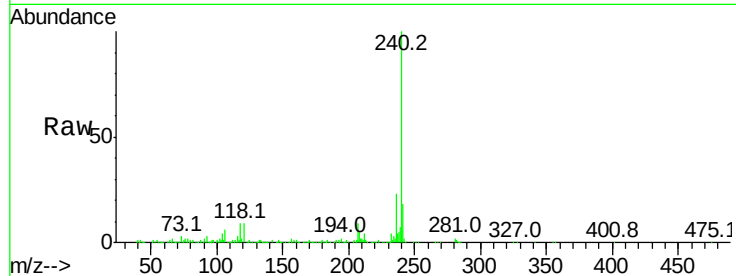
Tot Ion:240 Resp: 474746

Ion Ratio Lower Upper

240 100

120 9.1 8.2 12.2

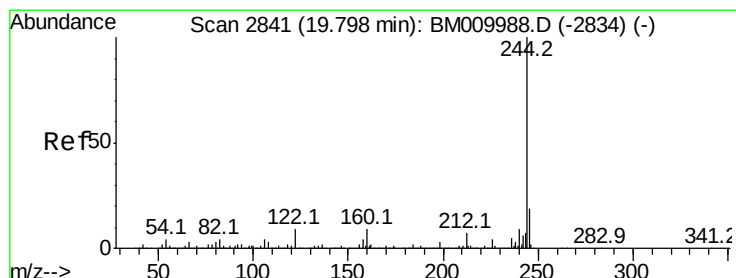
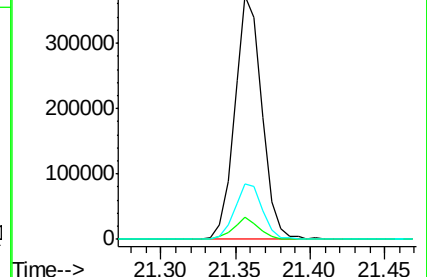
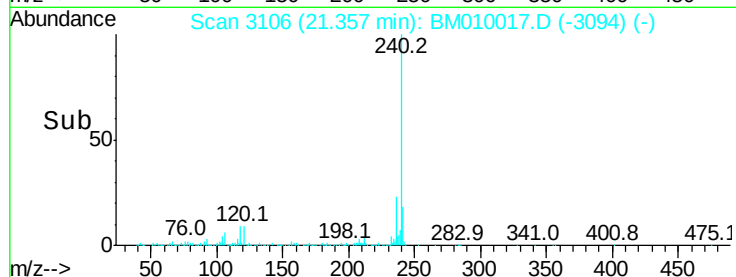
236 22.6 20.0 30.0



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: 6.84 ng

RT: 19.79 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BM010017.D

Acq: 12 May 2017 10:41

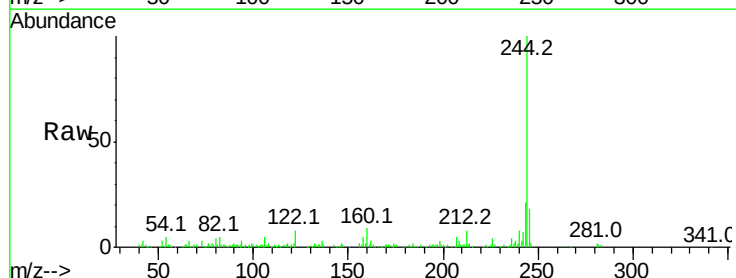
Tgt Ion:244 Resp: 154102

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

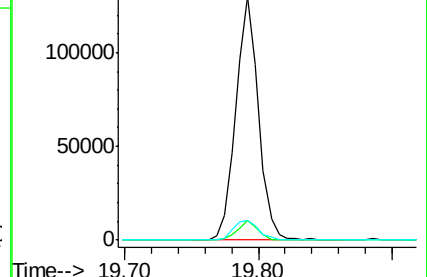
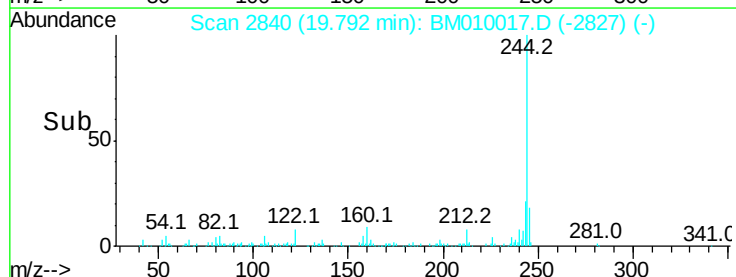
122 8.0 6.2 9.4

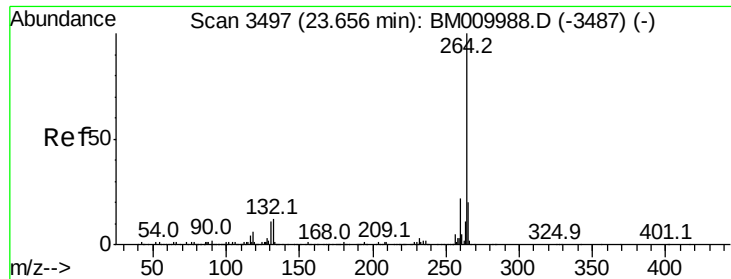


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

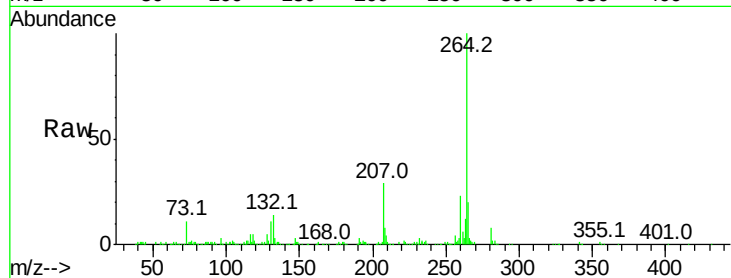




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.65 min Scan# 3496
 Delta R.T. -0.04 min
 Lab File: BM010017.D
 Acq: 12 May 2017 10:41

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	20.4	17.3	25.9

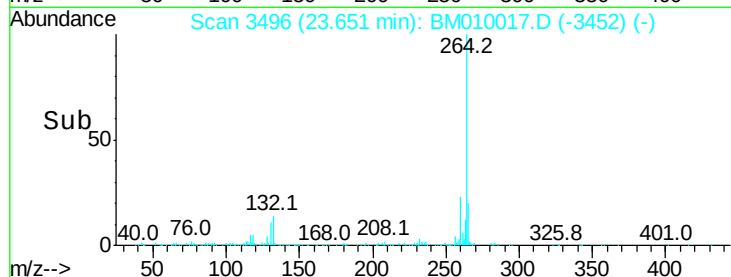
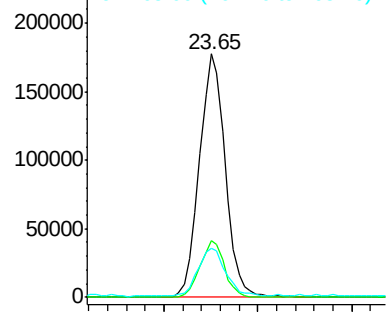


Abundance

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



Time-->