

Data Path : S:\HPCHEM1\BNA_M\DATA\BM022916\
 Data File : BM004493.D
 Acq On : 01 Mar 2016 06:18
 Operator : SJ/UM
 Sample : H1509-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-5

Quant Time: Mar 01 07:41:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 00:52:28 2016
 Response via : Initial Calibration

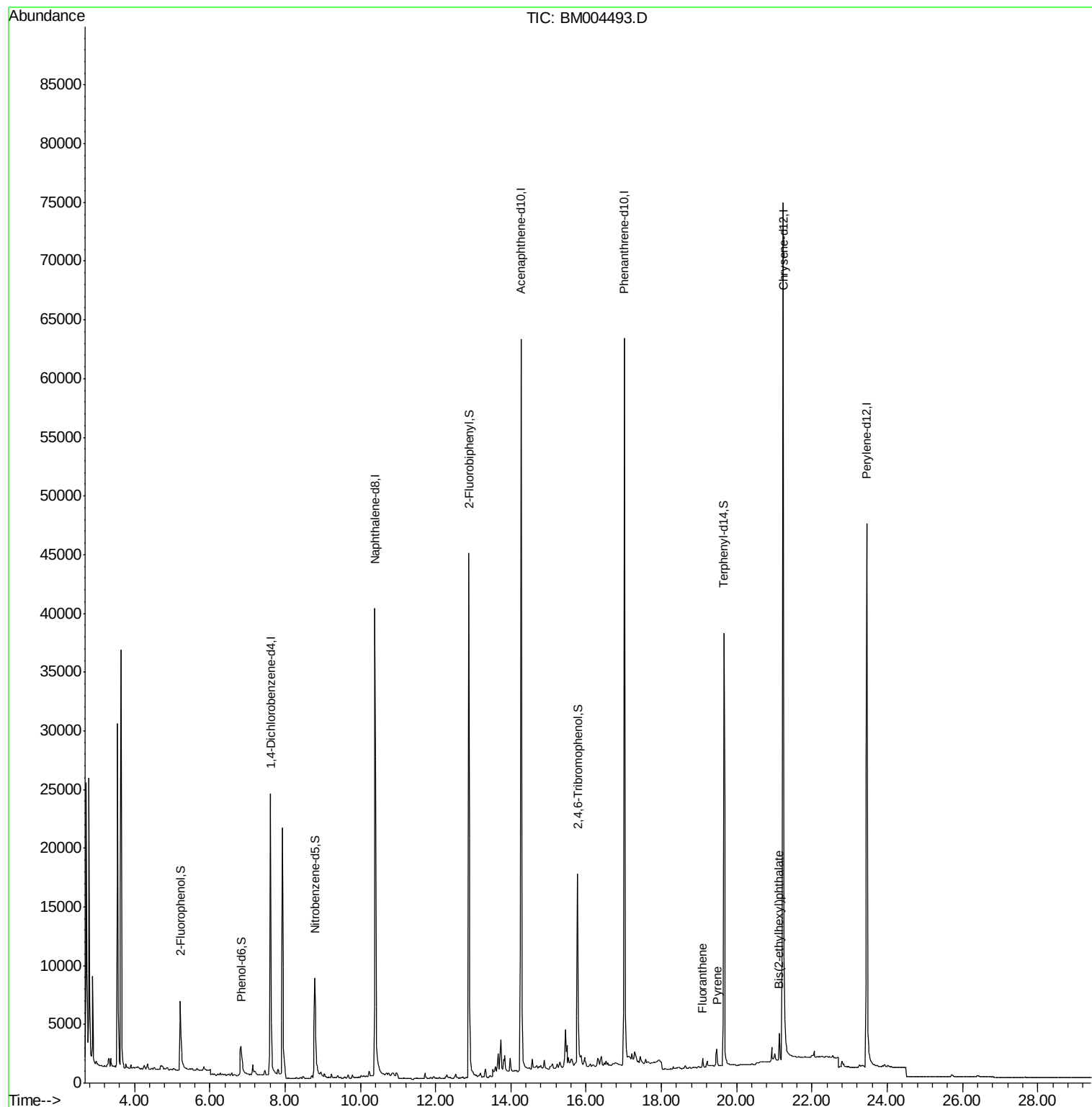
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	17885	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	70768	5.00	ng	0.00
13) Acenaphthene-d10	14.27	164	39181	5.00	ng	0.00
19) Phenanthrene-d10	17.02	188	93792	5.00	ng	0.00
26) Chrysene-d12	21.24	240	81538	5.00	ng	0.00
35) Perylene-d12	23.45	264	68291	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	8885	2.14	ng	0.00
5) Phenol-d6	6.83	99	6051	1.29	ng	0.02
8) Nitrobenzene-d5	8.79	82	13054	3.62	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	12645	8.40	ng	-0.02
15) 2-Fluorobiphenyl	12.89	172	51835	4.32	ng	0.00
29) Terphenyl-d14	19.66	244	50307	4.79	ng	-0.02
Target Compounds						
25) Fluoranthene	19.10	202	1087	0.03	ng	Qvalue 97
28) Pyrene	19.47	202	1868	0.06	ng	# 88
33) Bis(2-ethylhexyl)phthalate	21.13	149	2432	0.10	ng	# 99

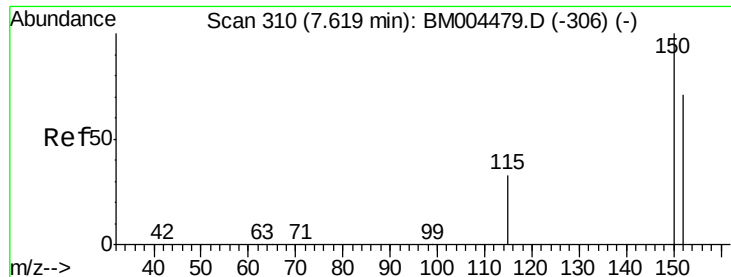
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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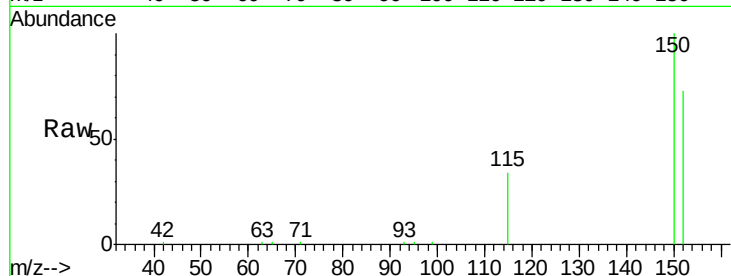


#1

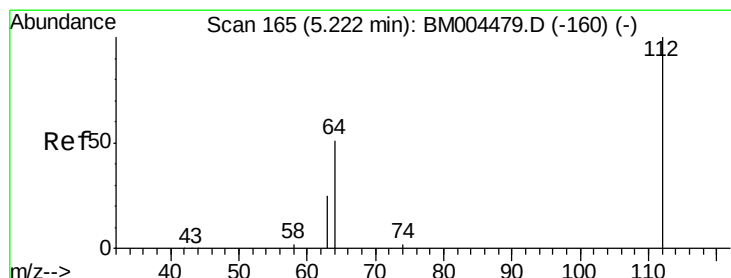
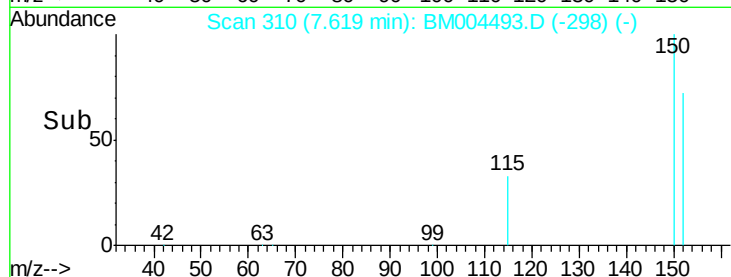
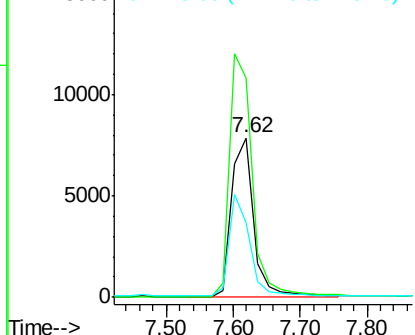
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.62 min Scan# 310
Delta R.T. -0.00 min
Lab File: BM004493.D
Acq: 01 Mar 2016 06:18

Instrument :
BNA_M
ClientSampleId :
MW-5

Tgt Ion:152 Resp: 17885
Ion Ratio Lower Upper
152 100
150 137.7 111.9 167.9
115 46.4 37.7 56.5



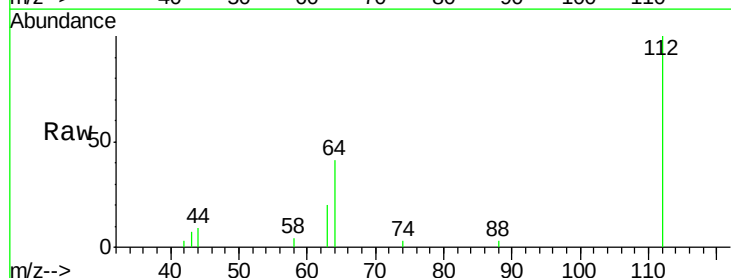
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



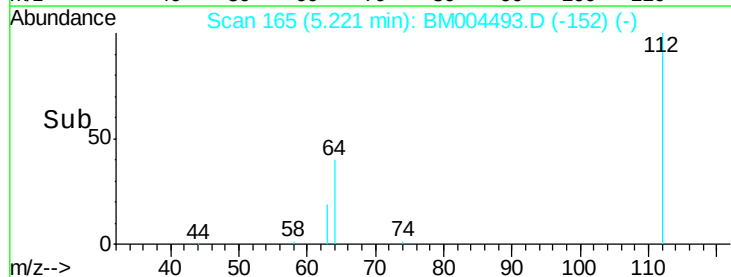
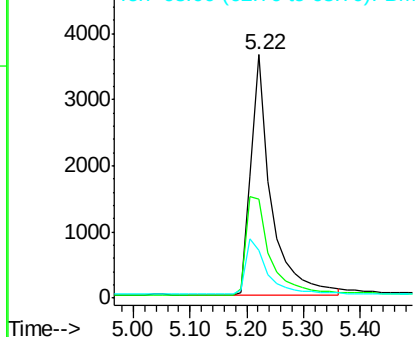
#4

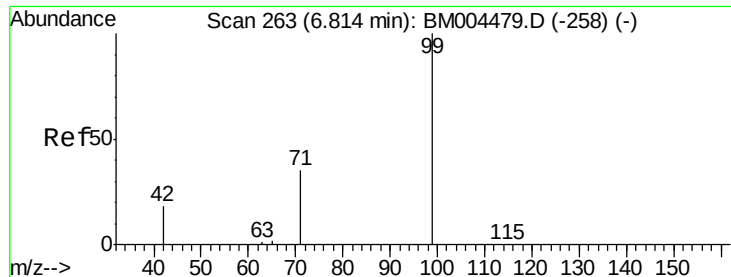
2-Fluorophenol
Concen: 2.14 ng
RT: 5.22 min Scan# 165
Delta R.T. -0.00 min
Lab File: BM004493.D
Acq: 01 Mar 2016 06:18

Tgt Ion:112 Resp: 8885
Ion Ratio Lower Upper
112 100
64 49.0 39.6 59.4
63 25.0 20.0 30.0



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





#5

Phenol-d6

Concen: 1.29 ng

RT: 6.83 min Scan# 264

Delta R.T. 0.02 min

Lab File: BM004493.D

Acq: 01 Mar 2016 06:18

Instrument :

BNA_M

ClientSampleId :

MW-5

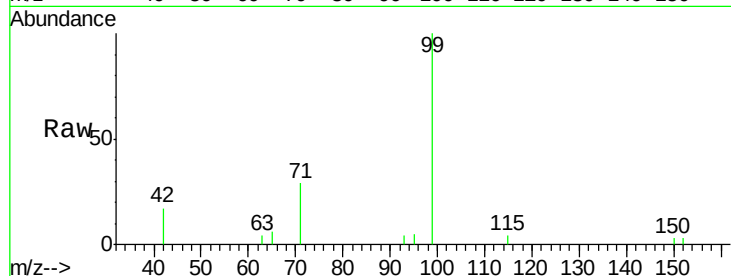
Tgt Ion: 99 Resp: 6051

Ion Ratio Lower Upper

99 100

42 15.4 12.2 18.2

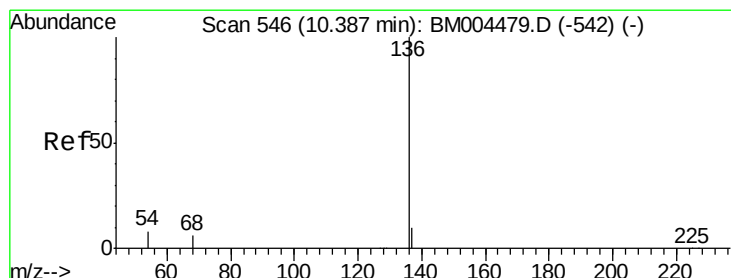
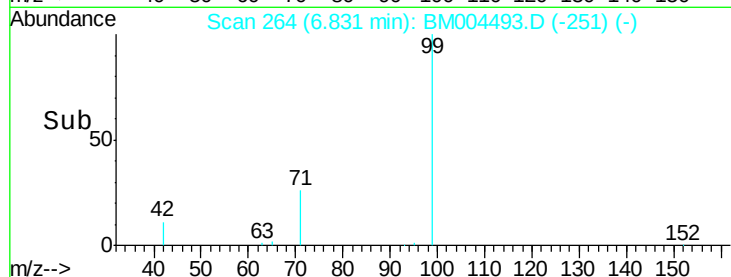
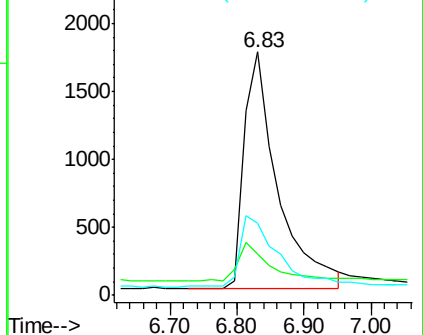
71 34.3 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM004479.D (-258) (-)

Ion 42.00 (41.70 to 42.70): BM004479.D (-258) (-)

Ion 71.00 (70.70 to 71.70): BM004479.D (-258) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 546

Delta R.T. -0.00 min

Lab File: BM004493.D

Acq: 01 Mar 2016 06:18

Tgt Ion: 136 Resp: 70768

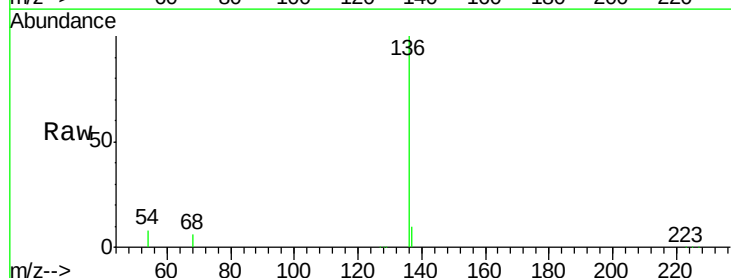
Ion Ratio Lower Upper

136 100

137 10.3 8.2 12.2

54 7.5 6.4 9.6

68 5.9 5.0 7.4

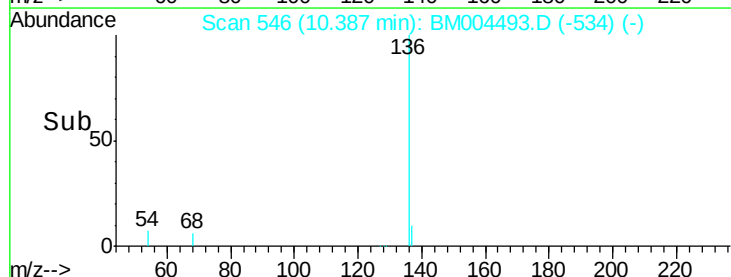
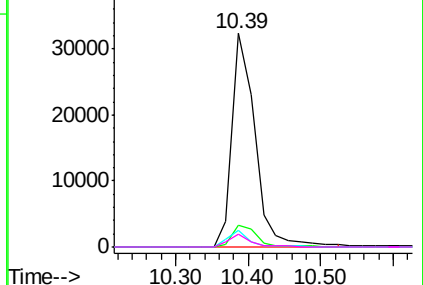


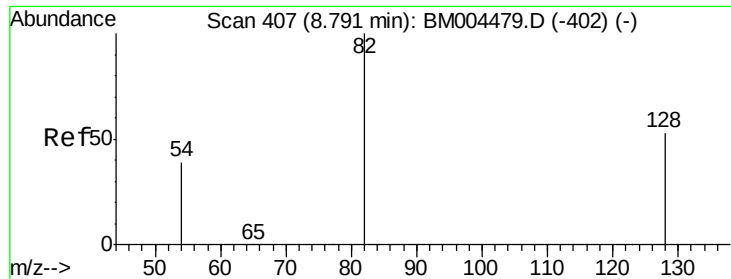
Abundance Ion 136.00 (135.70 to 136.70): BM004479.D (-542) (-)

Ion 137.00 (136.70 to 137.70): BM004479.D (-542) (-)

Ion 54.00 (53.70 to 54.70): BM004479.D (-542) (-)

Ion 68.00 (67.70 to 68.70): BM004479.D (-542) (-)





#8

Nitrobenzene-d5

Concen: 3.62 ng

RT: 8.79 min Scan# 407

Delta R.T. -0.00 min

Lab File: BM004493.D

Acq: 01 Mar 2016 06:18

Instrument :

BNA_M

ClientSampleId :

MW-5

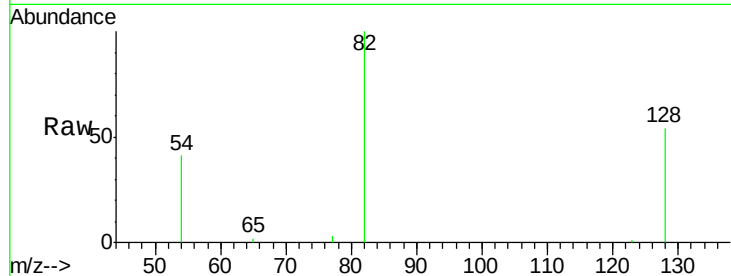
Tgt Ion: 82 Resp: 13054

Ion Ratio Lower Upper

82 100

128 53.6 43.7 65.5

54 40.8 33.5 50.3

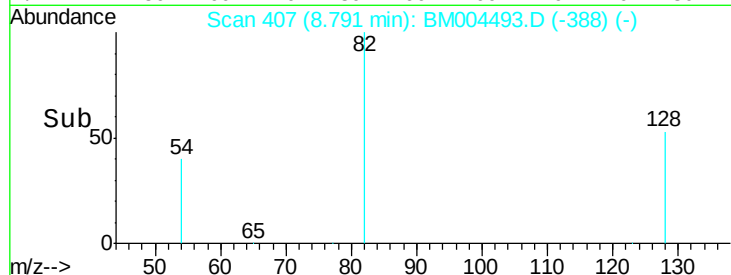


Abundance Ion 82.00 (81.70 to 82.70): BM004479.D (-402) (-)

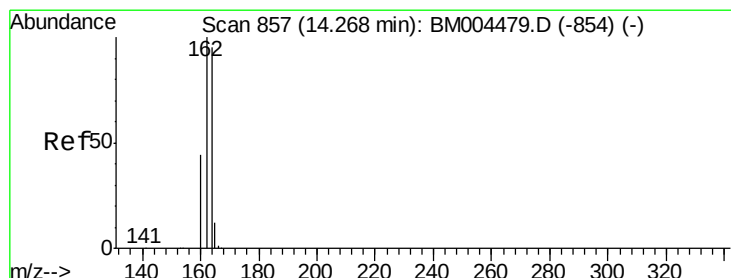
Ion 128.00 (127.70 to 128.70): BM004479.D (-402) (-)

Ion 54.00 (53.70 to 54.70): BM004479.D (-402) (-)

Time-->



Time-->



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.27 min Scan# 857

Delta R.T. -0.00 min

Lab File: BM004493.D

Acq: 01 Mar 2016 06:18

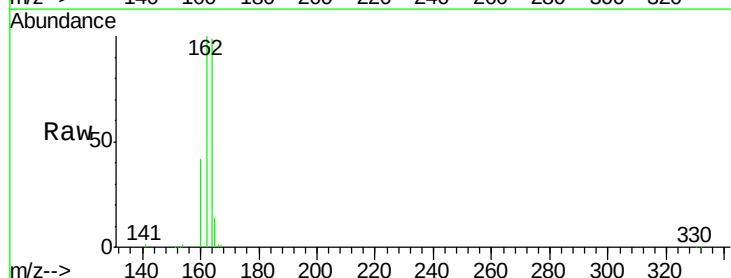
Tgt Ion: 164 Resp: 39181

Ion Ratio Lower Upper

164 100

162 101.3 84.2 126.4

160 42.9 37.4 56.2

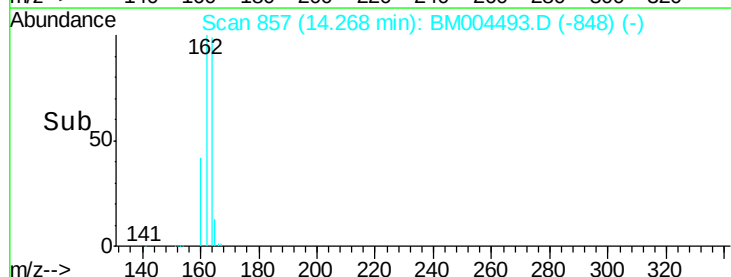


Abundance Ion 164.00 (163.70 to 164.70): BM004479.D (-854) (-)

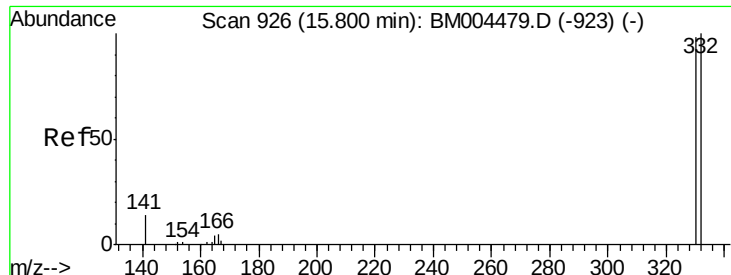
Ion 162.00 (161.70 to 162.70): BM004479.D (-854) (-)

Ion 160.00 (159.70 to 160.70): BM004479.D (-854) (-)

Time-->



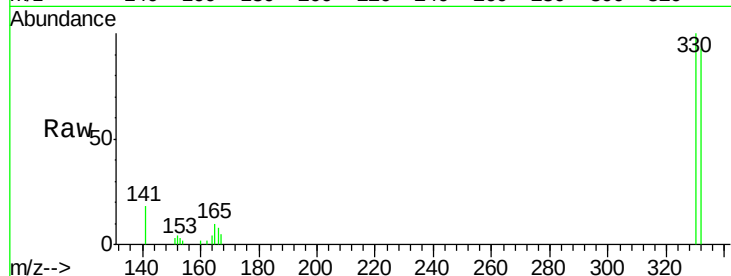
Time-->



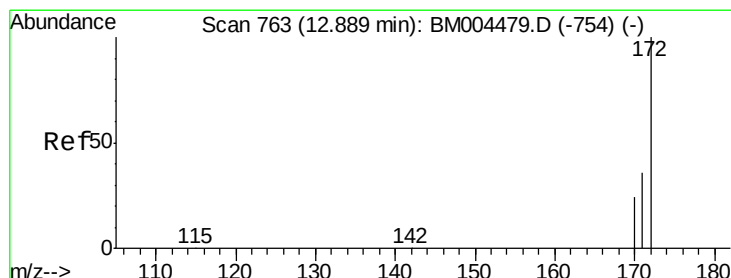
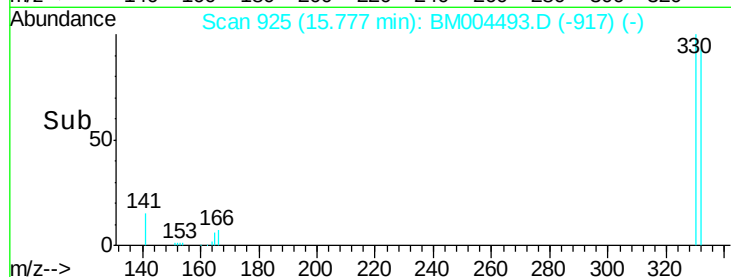
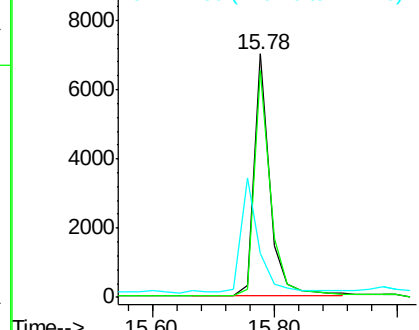
#14
 2,4,6-Tribromophenol
 Concen: 8.40 ng
 RT: 15.78 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BM004493.D
 Acq: 01 Mar 2016 06:18

Instrument :
 BNA_M
 ClientSampleId :
 MW-5

Tgt Ion:330 Resp: 12645
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.1 114.1
 141 0.0 0.0 0.0

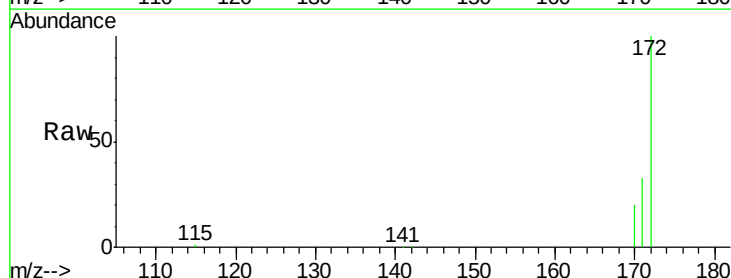


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

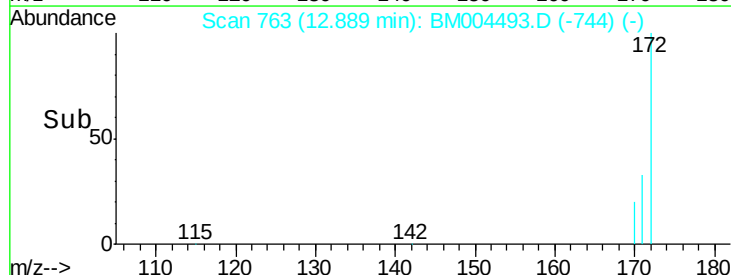
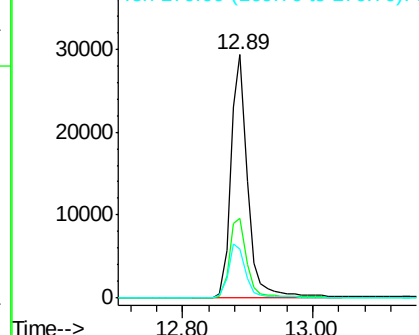


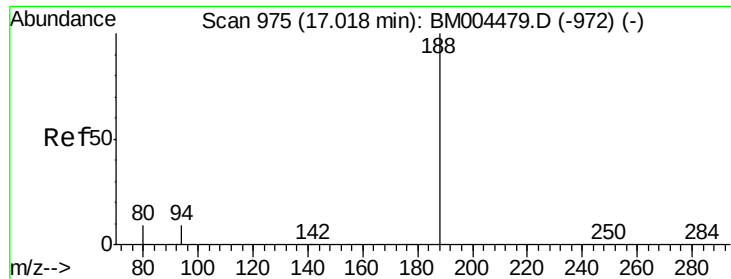
#15
 2-Fluorobiphenyl
 Concen: 4.32 ng
 RT: 12.89 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BM004493.D
 Acq: 01 Mar 2016 06:18

Tgt Ion:172 Resp: 51835
 Ion Ratio Lower Upper
 172 100
 171 32.7 29.2 43.8
 170 20.1 19.7 29.5



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

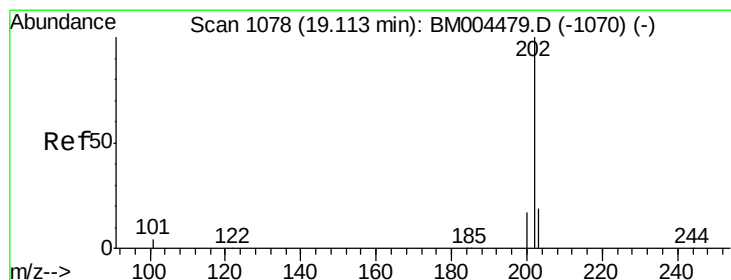
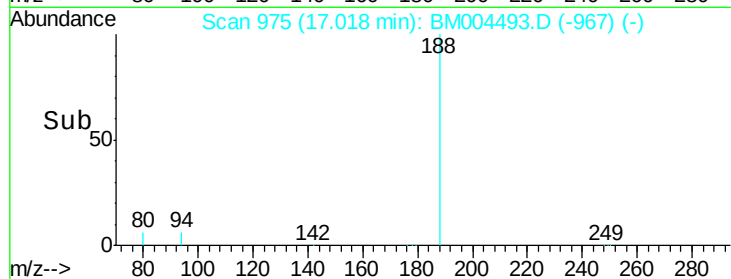
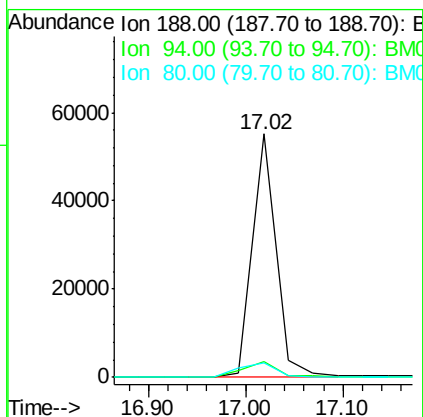
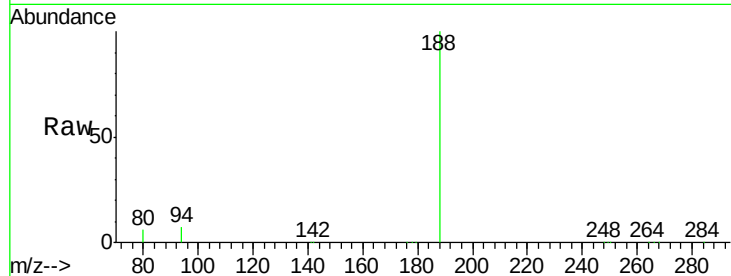




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.02 min Scan# 975
Delta R.T. -0.00 min
Lab File: BM004493.D
Acq: 01 Mar 2016 06:18

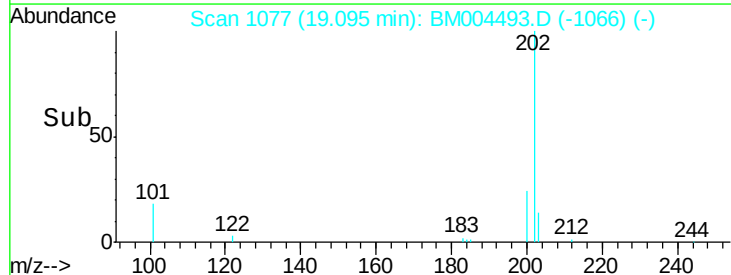
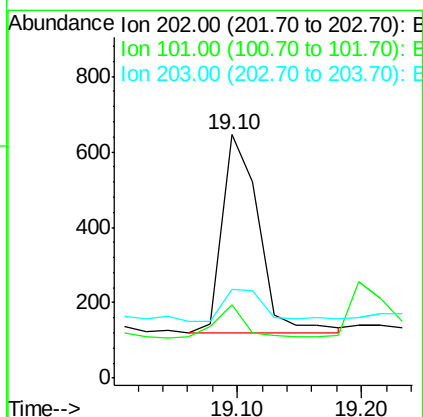
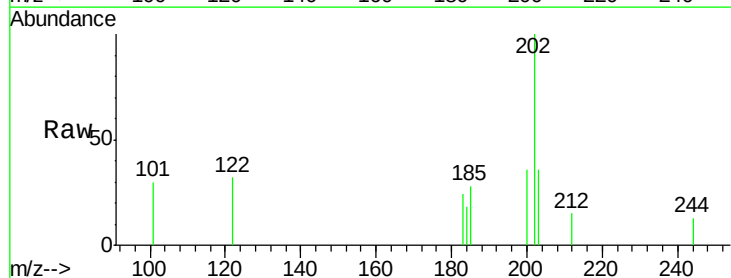
Instrument :
BNA_M
ClientSampleId :
MW-5

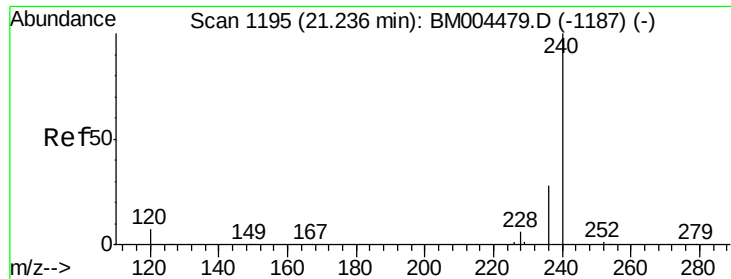
Tgt Ion:188 Resp: 93792
Ion Ratio Lower Upper
188 100
94 6.5 7.4 11.0#
80 5.8 6.9 10.3#



#25
Fluoranthene
Concen: 0.03 ng
RT: 19.10 min Scan# 1077
Delta R.T. -0.02 min
Lab File: BM004493.D
Acq: 01 Mar 2016 06:18

Tgt Ion:202 Resp: 1087
Ion Ratio Lower Upper
202 100
101 13.4 9.4 14.2
203 16.7 13.9 20.9

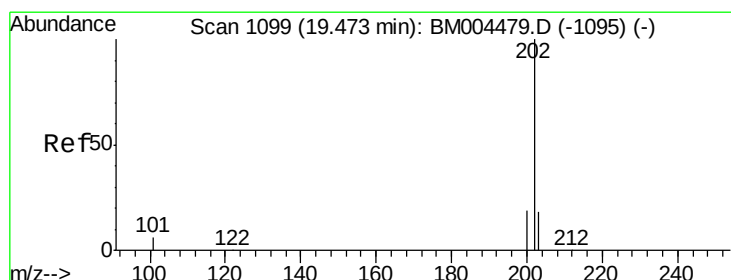
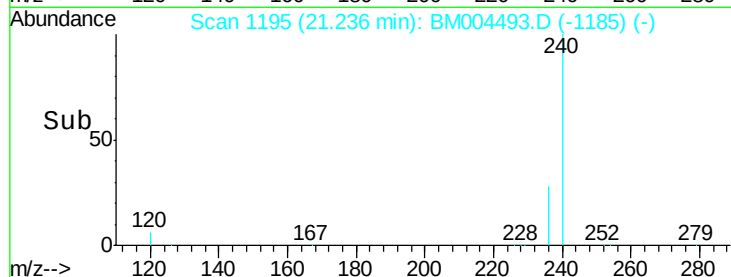
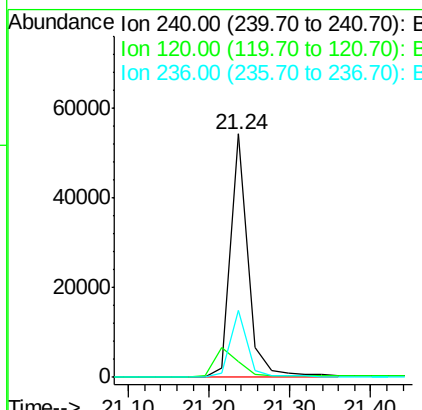
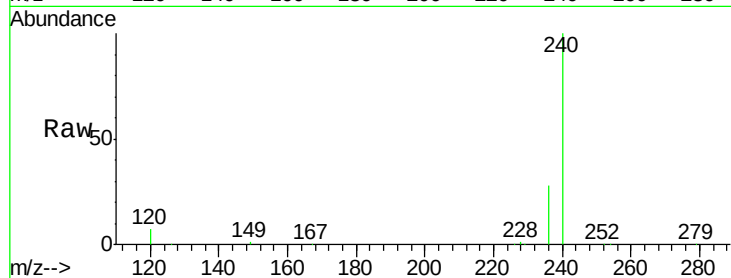




#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.24 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BM004493.D
Acq: 01 Mar 2016 06:18

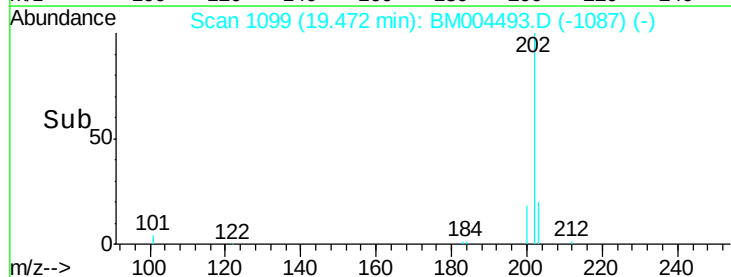
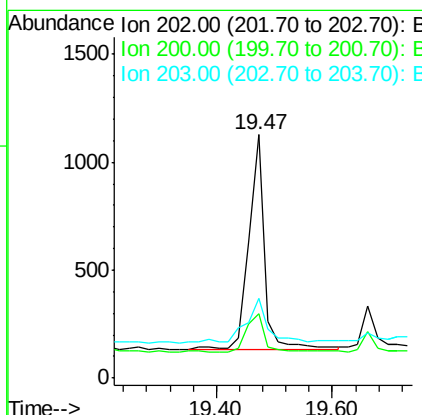
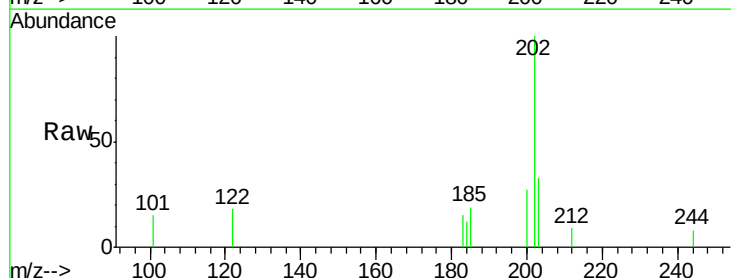
Instrument :
BNA_M
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MW-5

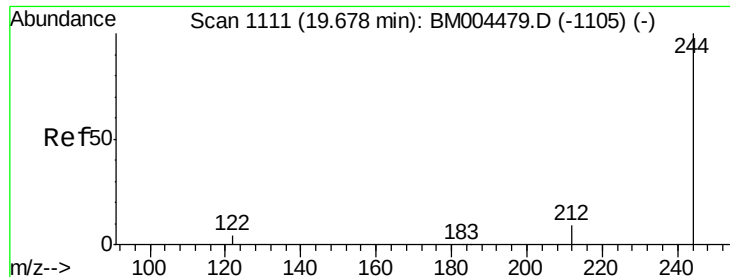
Tgt Ion: 240 Resp: 81538
Ion Ratio Lower Upper
240 100
120 6.7 6.1 9.1
236 27.7 22.6 34.0



#28
Pyrene
Concen: 0.06 ng
RT: 19.47 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BM004493.D
Acq: 01 Mar 2016 06:18

Tgt Ion: 202 Resp: 1868
Ion Ratio Lower Upper
202 100
200 21.0 16.6 24.8
203 29.0 14.1 21.1#





#29

Terphenyl-d14

Concen: 4.79 ng

RT: 19.66 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BM004493.D

Acq: 01 Mar 2016 06:18

Instrument :

BNA_M

ClientSampleId :

MW-5

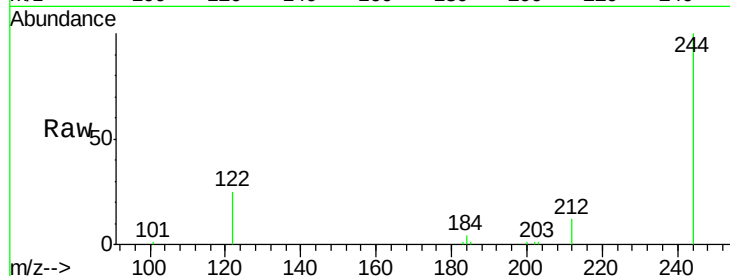
Tgt Ion:244 Resp: 50307

Ion Ratio Lower Upper

244 100

212 11.8 7.5 11.3#

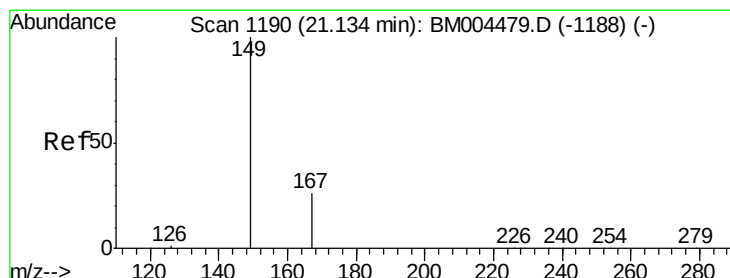
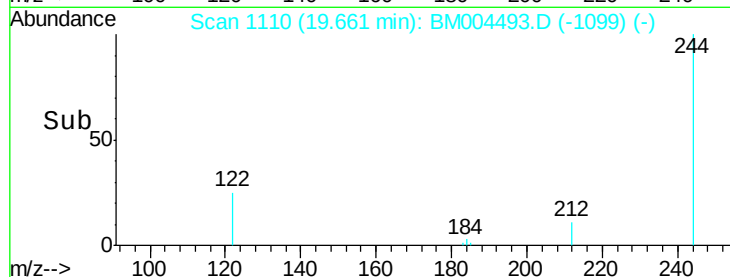
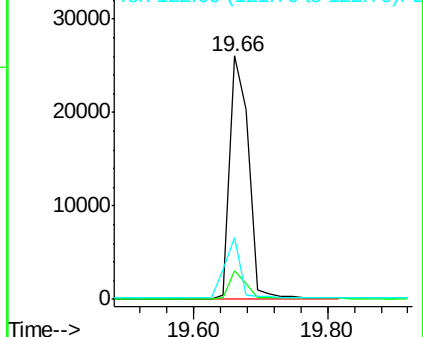
122 25.3 4.2 6.2#



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



#33

Bis(2-ethylhexyl)phthalate

Concen: 0.10 ng

RT: 21.13 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BM004493.D

Acq: 01 Mar 2016 06:18

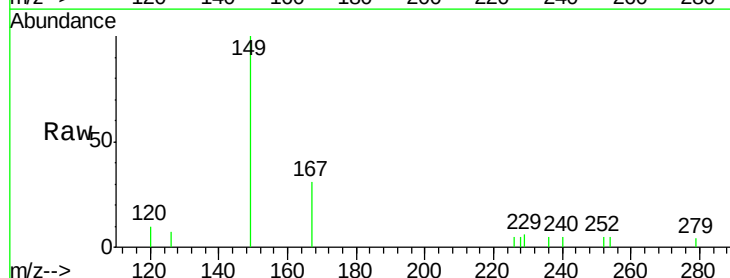
Tgt Ion:149 Resp: 2432

Ion Ratio Lower Upper

149 100

167 26.1 21.2 31.8

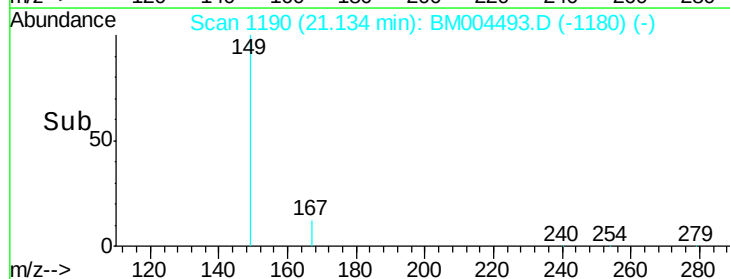
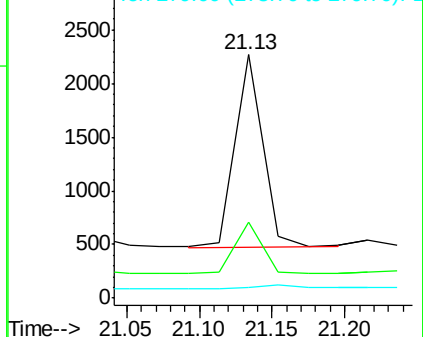
279 0.0 0.0 0.0

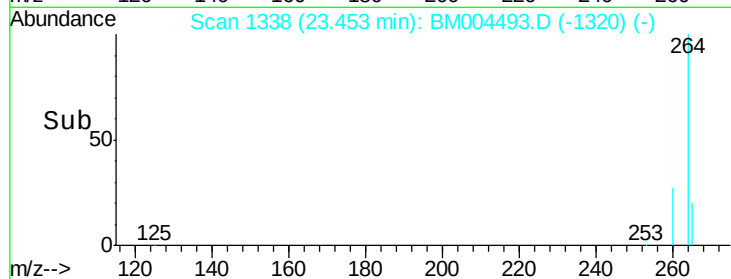
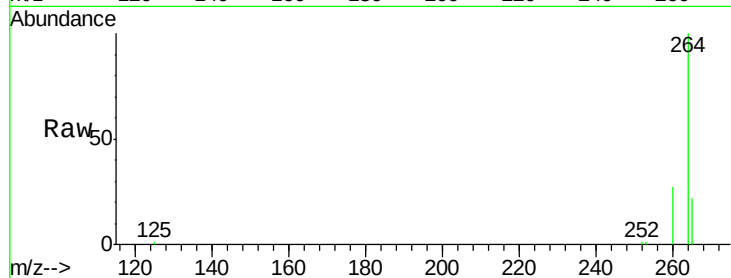
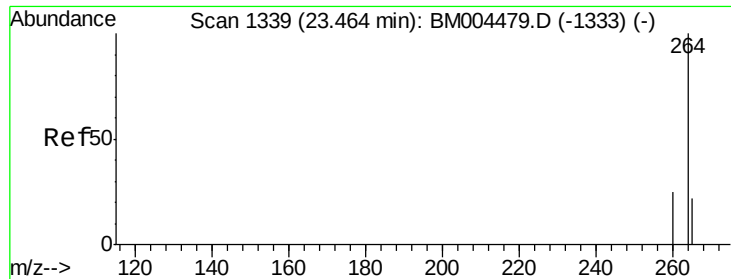


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#35

Perylene-d12

Concen: 5.00 ng

RT: 23.45 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BM004493.D

Acq: 01 Mar 2016 06:18

Instrument :

BNA_M

ClientSampleId :

MW-5

Tgt Ion: 264 Resp: 68291

Ion Ratio Lower Upper

264 100

260 26.8 19.8 29.6

265 21.9 18.9 28.3

