

Data Path : S:\HPCHEM1\BNA_M\DATA\BM022916\
 Data File : BM004499.D
 Acq On : 01 Mar 2016 09:53
 Operator : SJ/UM
 Sample : H1519-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 KY038PS027-160217

Quant Time: Mar 01 13:54:44 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

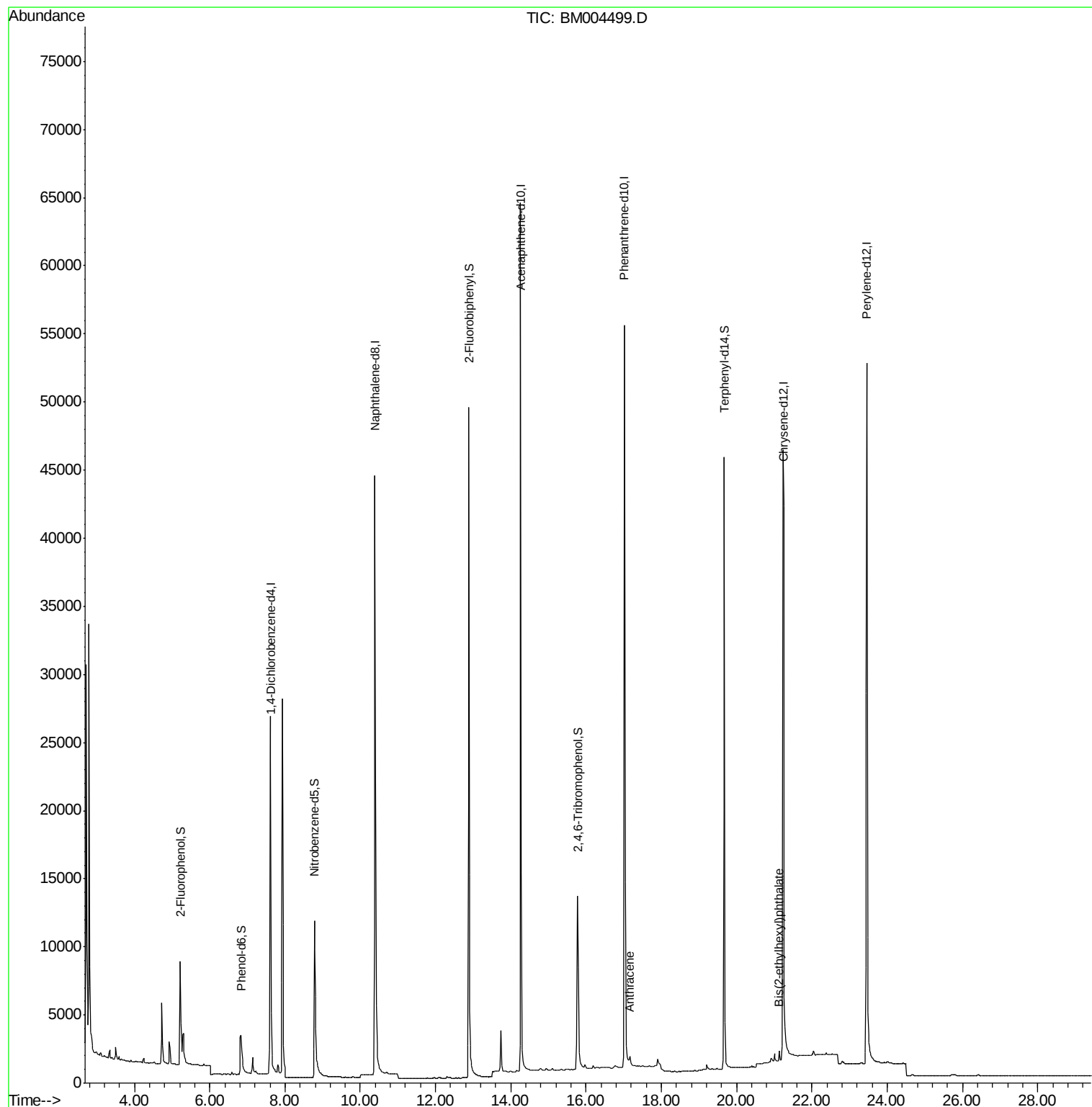
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	18896	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	73201	5.00	ng	0.00
13) Acenaphthene-d10	14.26	164	40555	5.00	ng	0.00
19) Phenanthrene-d10	17.01	188	88646	5.00	ng	0.00
26) Chrysene-d12	21.25	240	77938	5.00	ng	0.01
35) Perylene-d12	23.45	264	77701	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	11273	2.57	ng	0.00
5) Phenol-d6	6.83	99	7025	1.42	ng	0.02
8) Nitrobenzene-d5	8.78	82	16260	4.36	ng	0.00
14) 2,4,6-Tribromophenol	15.77	330	11987	7.69	ng	-0.03
15) 2-Fluorobiphenyl	12.88	172	56315	4.53	ng	0.00
29) Terphenyl-d14	19.67	244	54256	5.41	ng	0.00
Target Compounds						
24) Anthracene	17.17	178	865	0.03	ng	Qvalue 98
33) Bis(2-ethylhexyl)phthalate	21.12	149	1196	0.05	ng	# 48

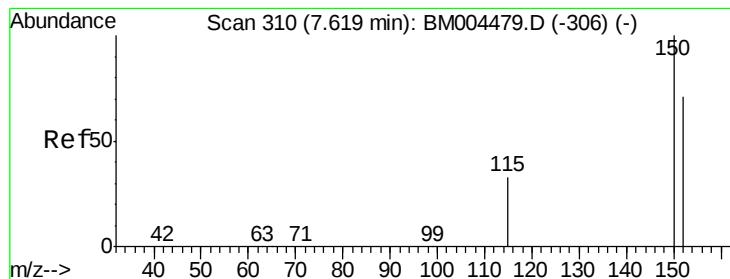
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM004499.D

Acq: 01 Mar 2016 09:53

Instrument :

BNA_M

ClientSampleId :

KY038PS027-160217

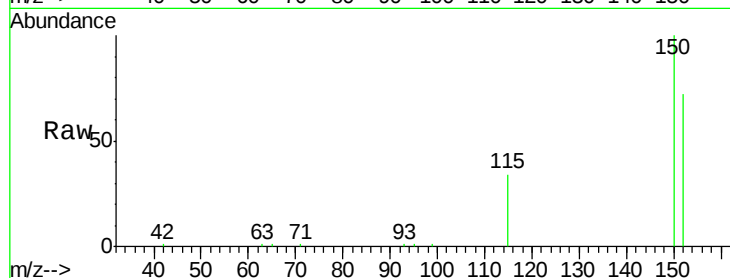
Tgt Ion:152 Resp: 18896

Ion Ratio Lower Upper

152 100

150 138.1 111.9 167.9

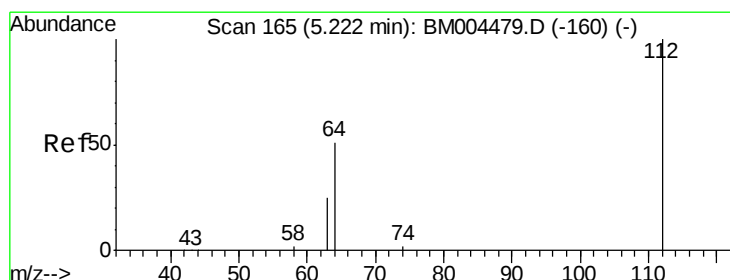
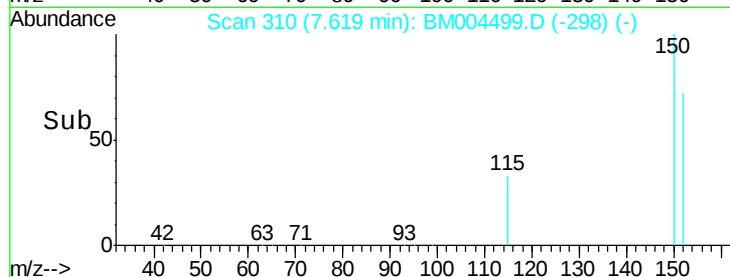
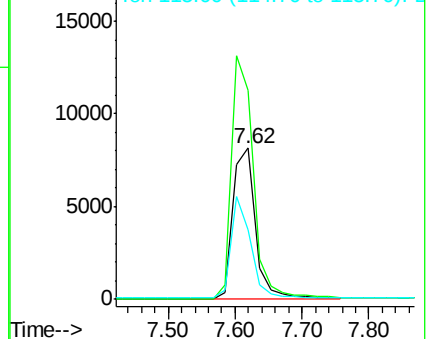
115 46.3 37.7 56.5



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: 2.57 ng

RT: 5.22 min Scan# 165

Delta R.T. 0.00 min

Lab File: BM004499.D

Acq: 01 Mar 2016 09:53

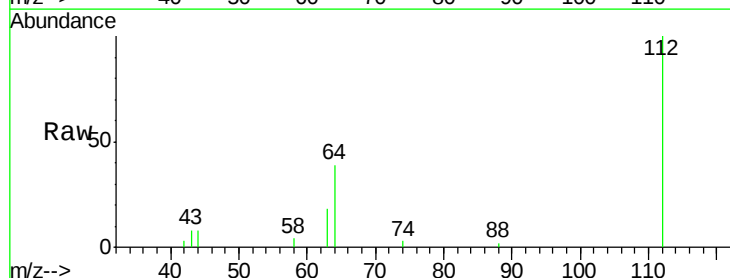
Tgt Ion:112 Resp: 11273

Ion Ratio Lower Upper

112 100

64 49.1 39.6 59.4

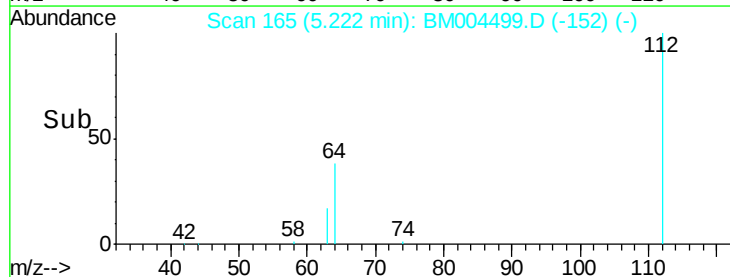
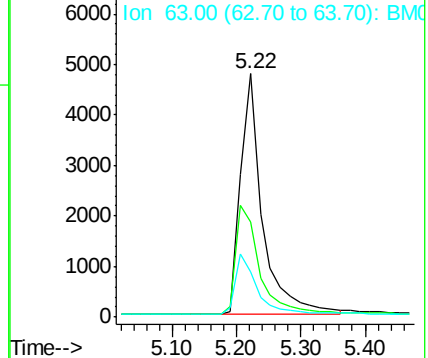
63 24.8 20.0 30.0

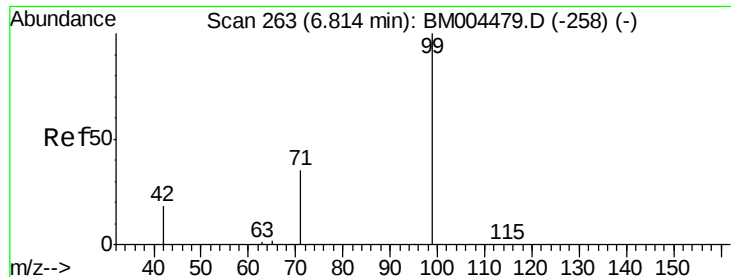


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 1.42 ng

RT: 6.83 min Scan# 264

Delta R.T. 0.02 min

Lab File: BM004499.D

Acq: 01 Mar 2016 09:53

Instrument :

BNA_M

ClientSampleId :

KY038PS027-160217

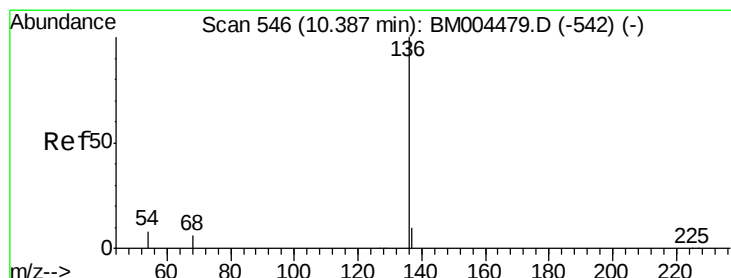
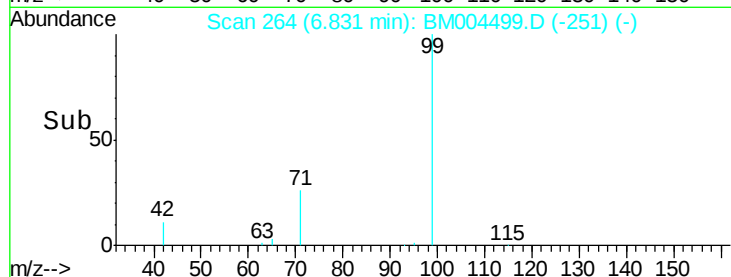
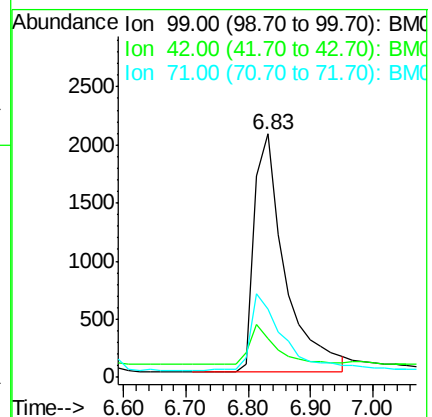
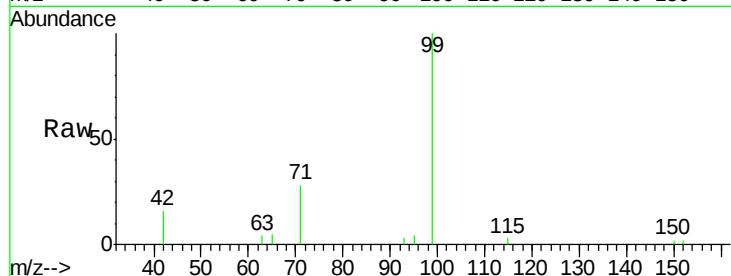
Tgt Ion: 99 Resp: 7025

Ion Ratio Lower Upper

99 100

42 14.9 12.2 18.2

71 34.0 23.4 35.2



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. 0.00 min

Lab File: BM004499.D

Acq: 01 Mar 2016 09:53

Tgt Ion: 136 Resp: 73201

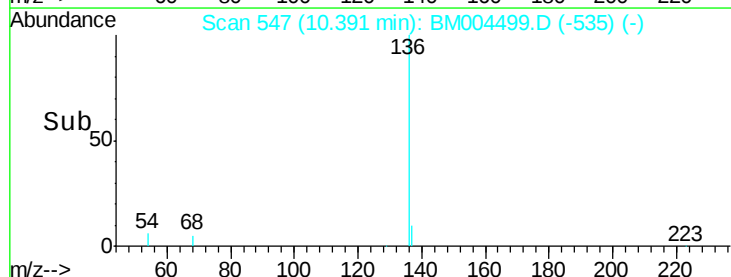
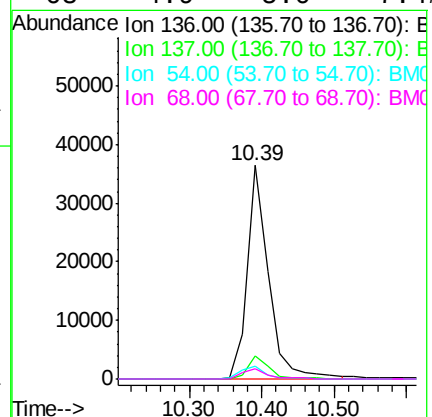
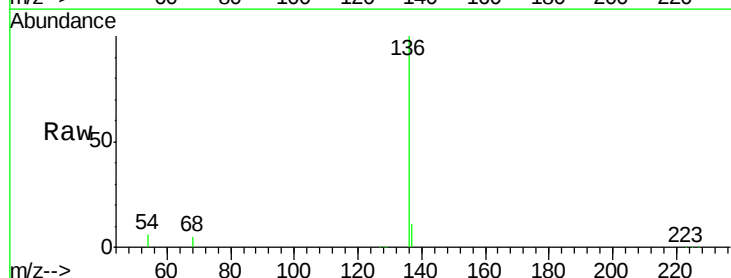
Ion Ratio Lower Upper

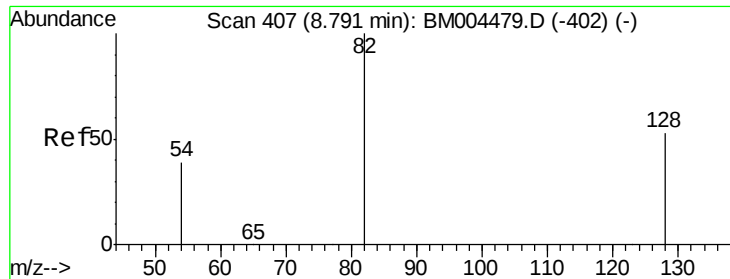
136 100

137 10.5 8.2 12.2

54 6.1 6.4 9.6#

68 4.9 5.0 7.4#





#8

Nitrobenzene-d5

Concen: 4.36 ng

RT: 8.78 min Scan# 407

Delta R.T. -0.01 min

Lab File: BM004499.D

Acq: 01 Mar 2016 09:53

Instrument :

BNA_M

ClientSampleId :

KY038PS027-160217

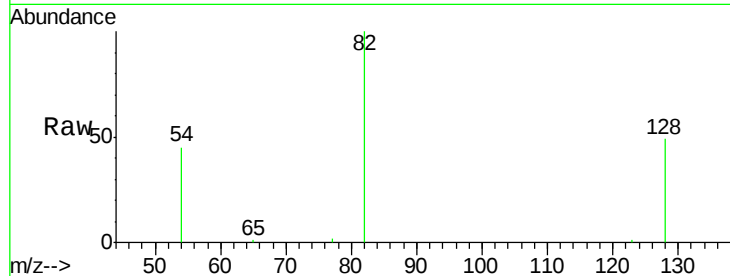
Tgt Ion: 82 Resp: 16260

Ion Ratio Lower Upper

82 100

128 49.0 43.7 65.5

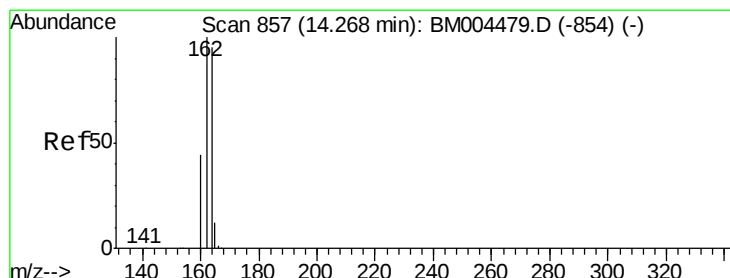
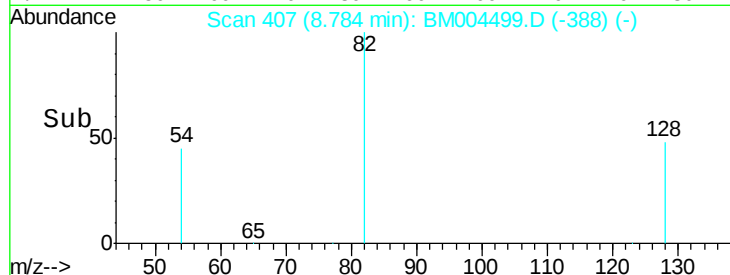
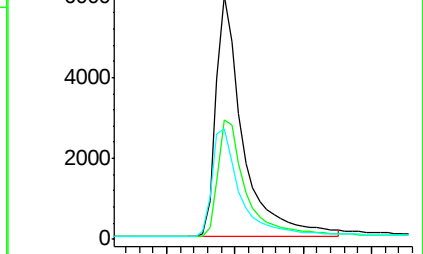
54 45.4 33.5 50.3



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) (-)



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 857

Delta R.T. -0.01 min

Lab File: BM004499.D

Acq: 01 Mar 2016 09:53

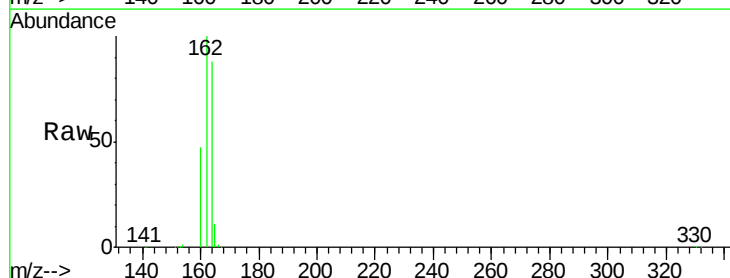
Tgt Ion: 164 Resp: 40555

Ion Ratio Lower Upper

164 100

162 113.2 84.2 126.4

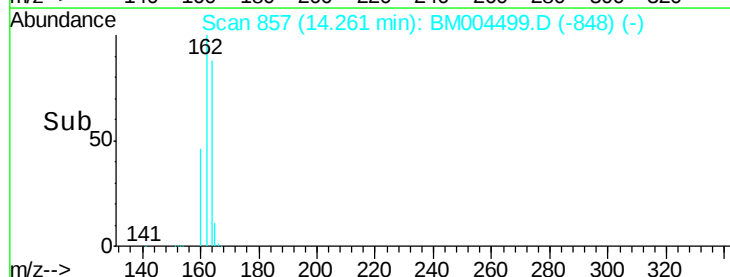
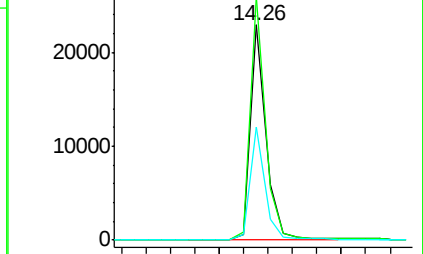
160 52.8 37.4 56.2

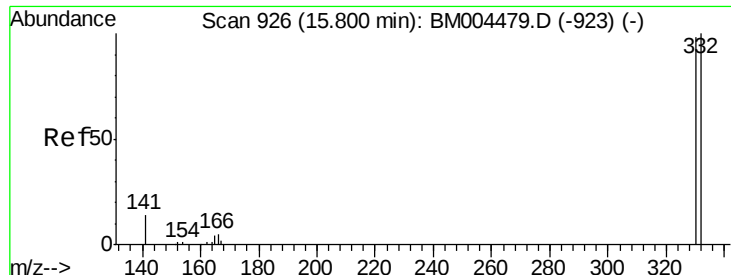


Abundance Ion 164.00 (163.70 to 164.70): BM004479.D (-854) (-)

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

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

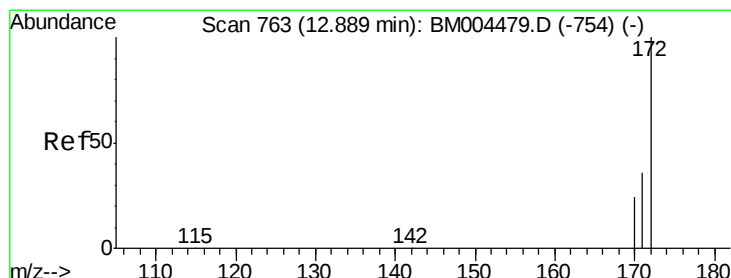
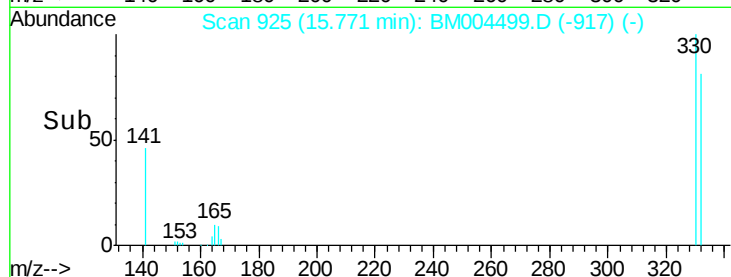
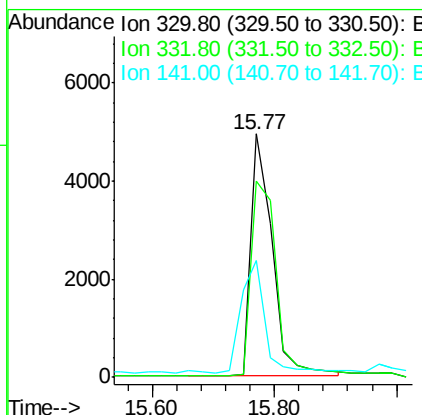
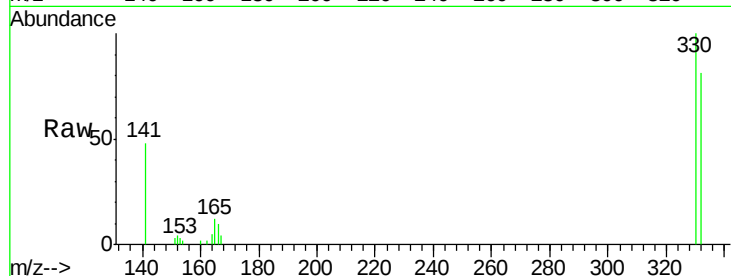




#14
 2,4,6-Tribromophenol
 Concen: 7.69 ng
 RT: 15.77 min Scan# 925
 Delta R.T. -0.03 min
 Lab File: BM004499.D
 Acq: 01 Mar 2016 09:53

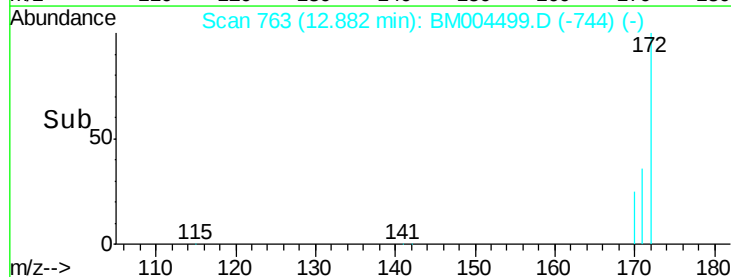
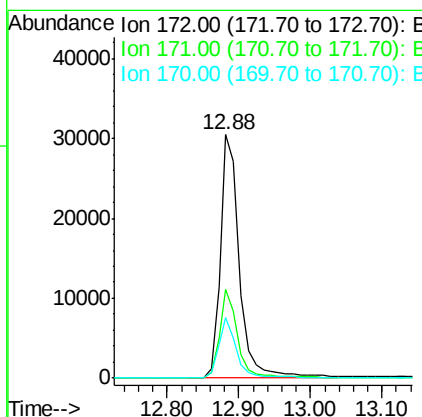
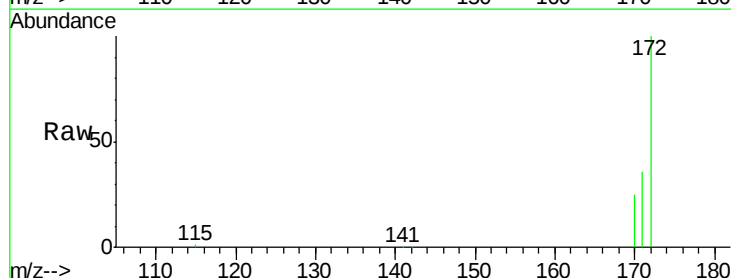
Instrument :
 BNA_M
 ClientSampleId :
 KY038PS027-160217

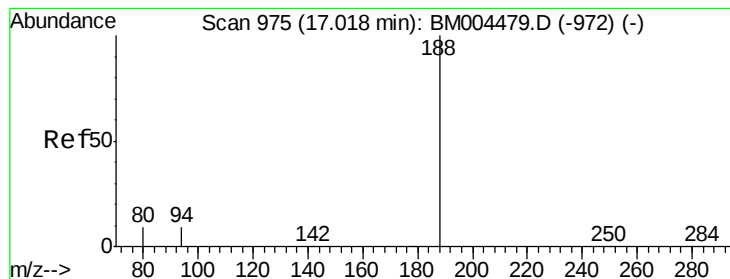
Tgt Ion:330 Resp: 11987
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.1 114.1
 141 51.6 0.0 0.0#



#15
 2-Fluorobiphenyl
 Concen: 4.53 ng
 RT: 12.88 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BM004499.D
 Acq: 01 Mar 2016 09:53

Tgt Ion:172 Resp: 56315
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.2 43.8
 170 24.8 19.7 29.5





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.01 min Scan# 975

Delta R.T. -0.01 min

Lab File: BM004499.D

Acq: 01 Mar 2016 09:53

Instrument :

BNA_M

ClientSampleId :

KY038PS027-160217

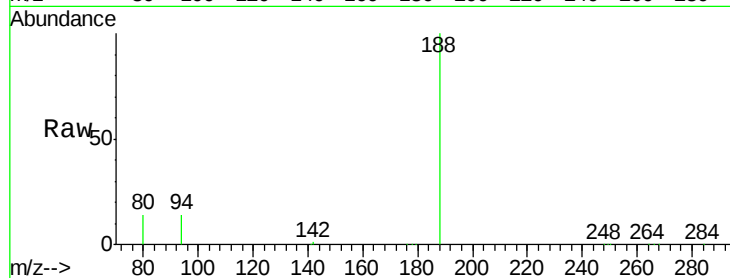
Tgt Ion:188 Resp: 88646

Ion Ratio Lower Upper

188 100

94 14.0 7.4 11.0#

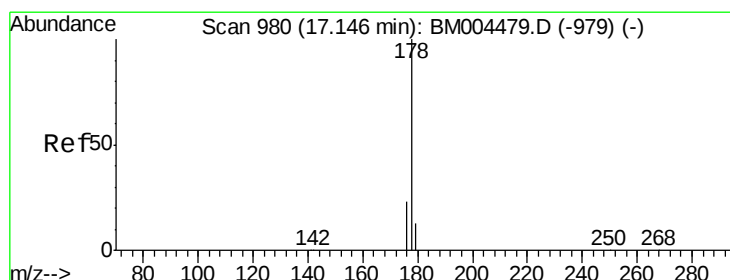
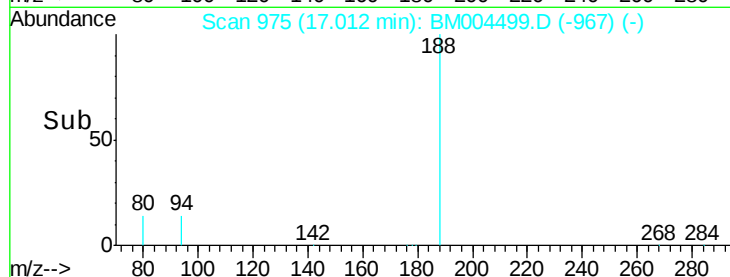
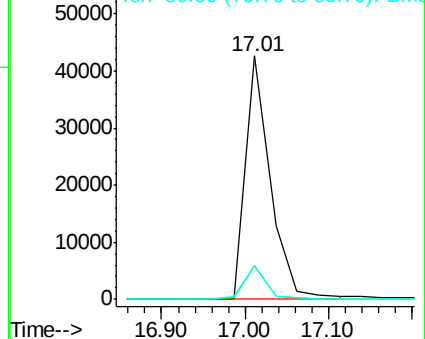
80 14.0 6.9 10.3#



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



#24

Anthracene

Concen: 0.03 ng

RT: 17.17 min Scan# 981

Delta R.T. 0.02 min

Lab File: BM004499.D

Acq: 01 Mar 2016 09:53

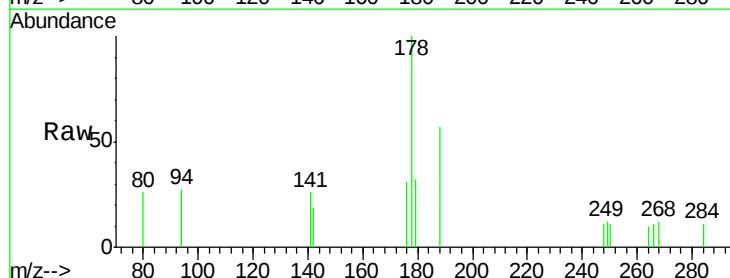
Tgt Ion:178 Resp: 865

Ion Ratio Lower Upper

178 100

176 18.3 15.6 23.4

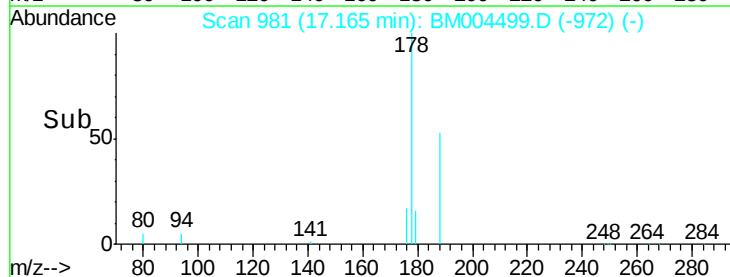
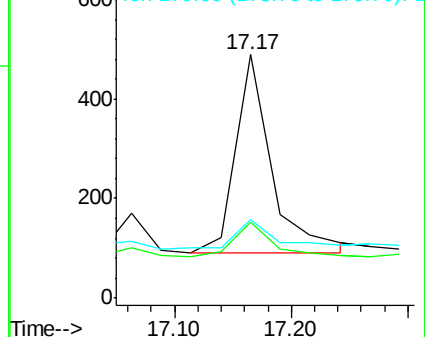
179 16.3 13.6 20.4

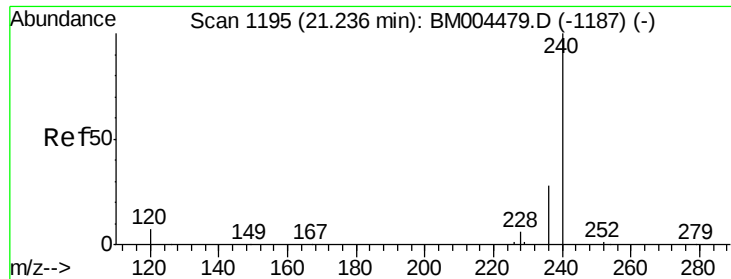


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BM004499.D

Acq: 01 Mar 2016 09:53

Instrument :

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ClientSampleId :

KY038PS027-160217

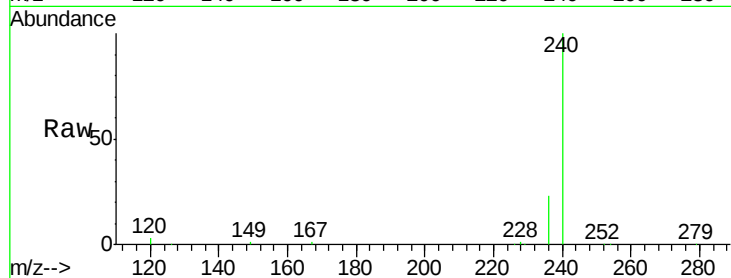
Tgt Ion:240 Resp: 77938

Ion Ratio Lower Upper

240 100

120 3.3 6.1 9.1#

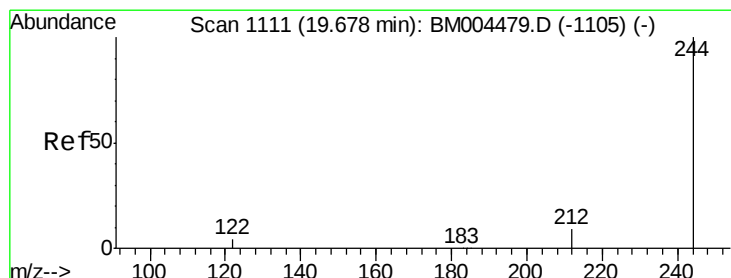
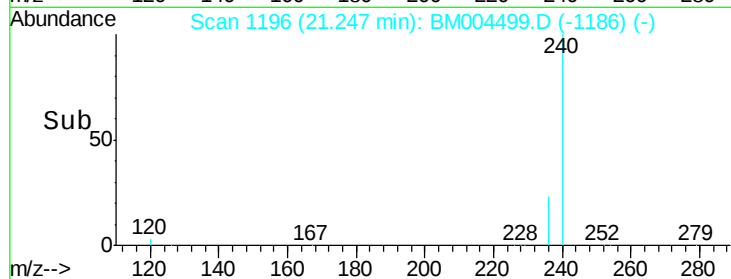
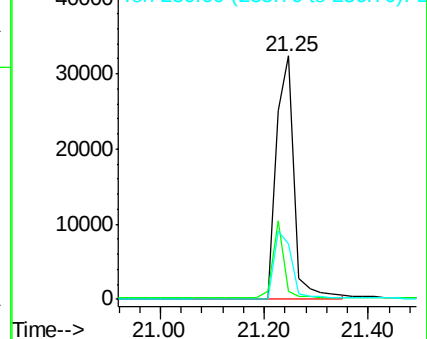
236 22.9 22.6 34.0



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



#29

Terphenyl-d14

Concen: 5.41 ng

RT: 19.67 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM004499.D

Acq: 01 Mar 2016 09:53

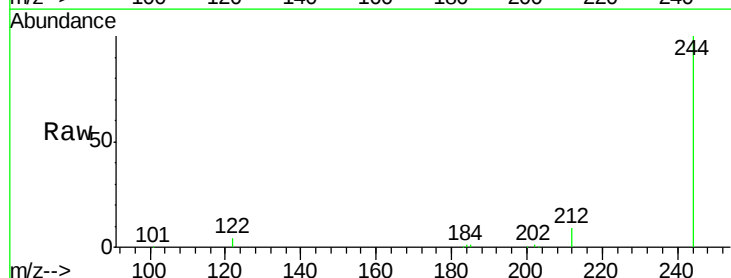
Tgt Ion:244 Resp: 54256

Ion Ratio Lower Upper

244 100

212 8.9 7.5 11.3

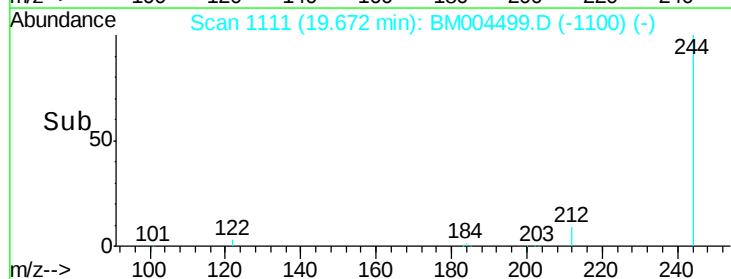
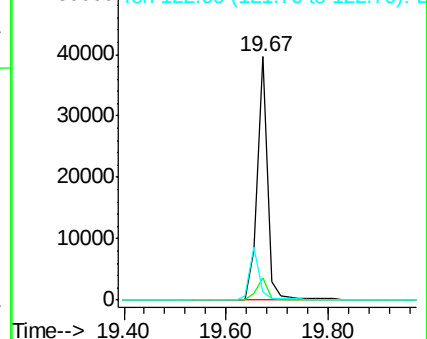
122 3.5 4.2 6.2#

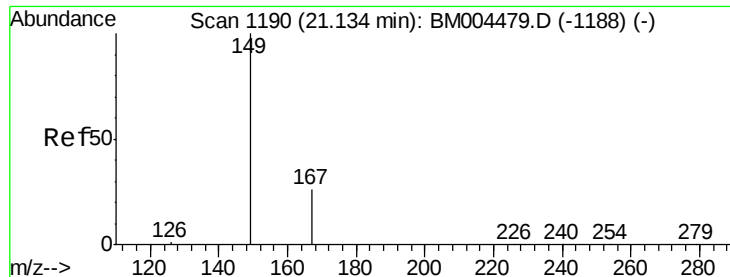


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.05 ng

RT: 21.12 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BM004499.D

Acq: 01 Mar 2016 09:53

Instrument :

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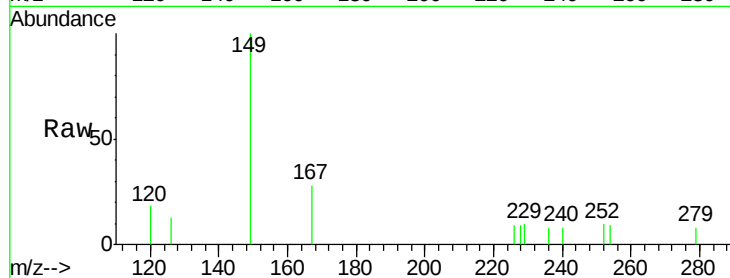
Tgt Ion:149 Resp: 1196

Ion Ratio Lower Upper

149 100

167 0.0 21.2 31.8#

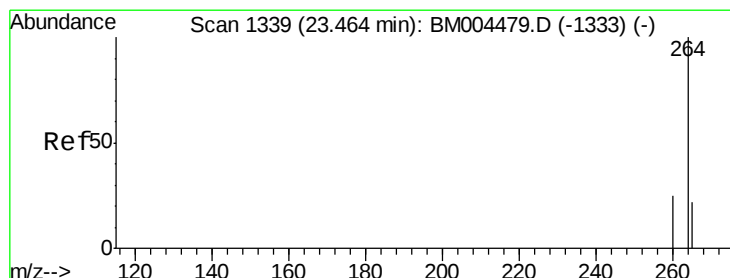
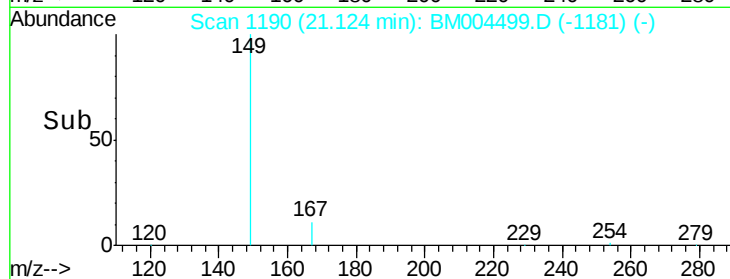
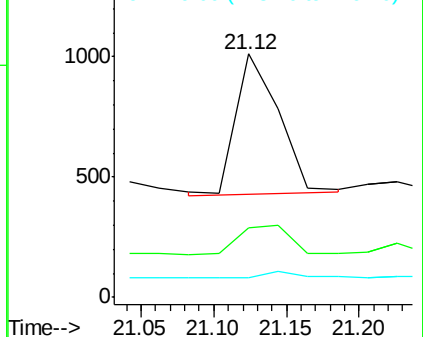
279 0.0 0.0 0.0



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# 1339

Delta R.T. -0.01 min

Lab File: BM004499.D

Acq: 01 Mar 2016 09:53

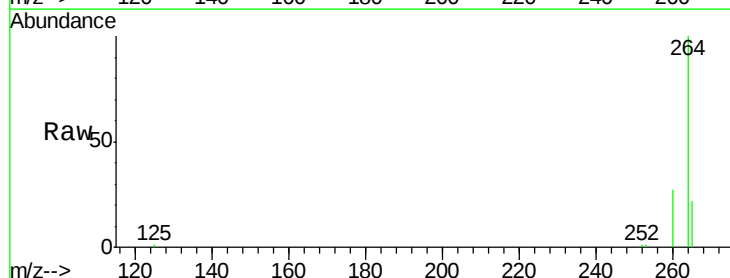
Tgt Ion:264 Resp: 77701

Ion Ratio Lower Upper

264 100

260 26.7 19.8 29.6

265 21.8 18.9 28.3



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

