

Data Path : S:\HPCHEM1\BNA_M\DATA\BM022916\
 Data File : BM004494.D
 Acq On : 01 Mar 2016 06:54
 Operator : SJ/UM
 Sample : H1509-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-3

Quant Time: Mar 01 07:42:22 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

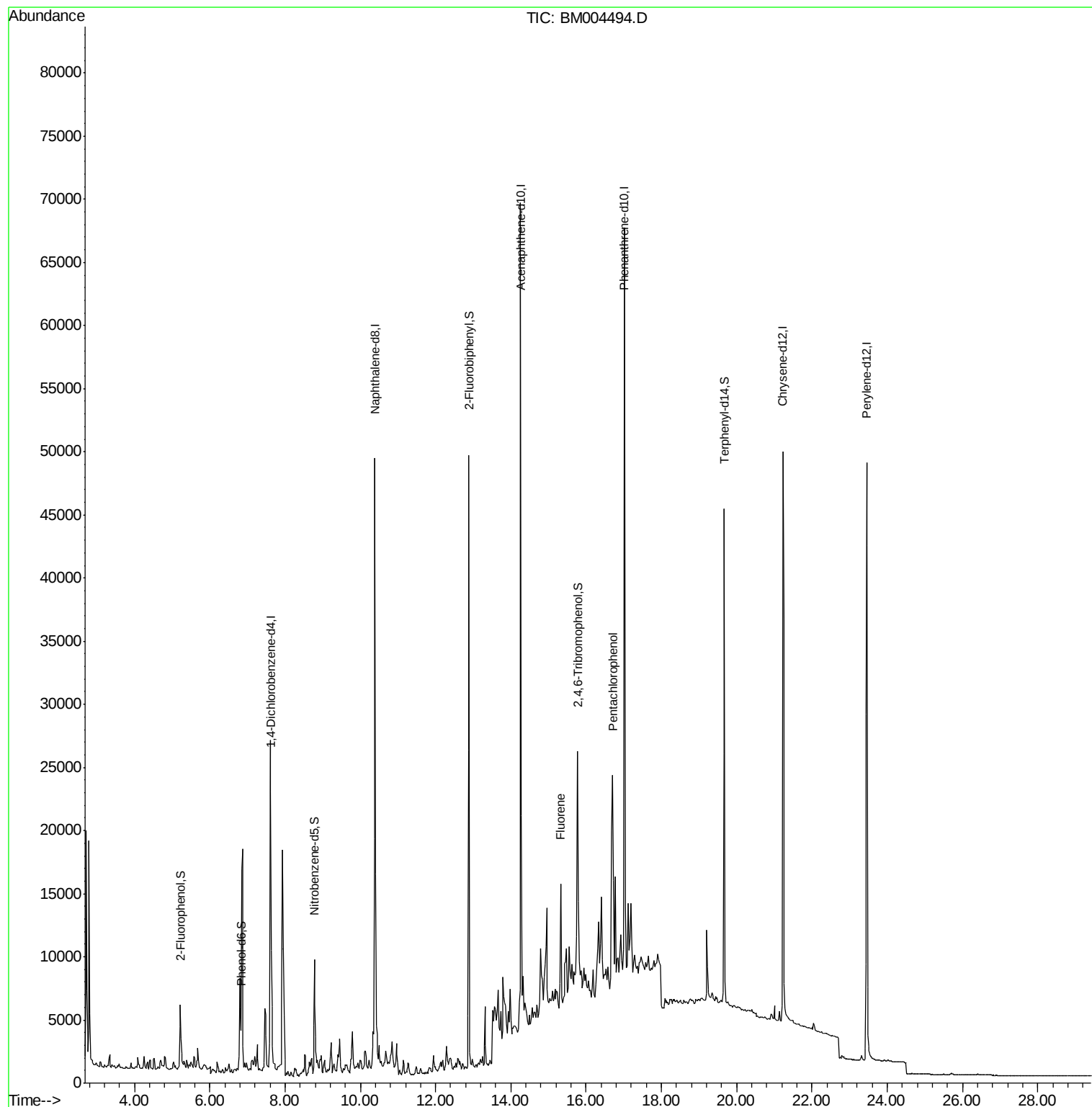
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	17386	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	70286	5.00	ng	0.00
13) Acenaphthene-d10	14.26	164	52454	5.00	ng	0.00
19) Phenanthrene-d10	17.01	188	84317	5.00	ng	0.00
26) Chrysene-d12	21.23	240	66796	5.00	ng	-0.01
35) Perylene-d12	23.45	264	65885	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	7497	1.86	ng	0.00
5) Phenol-d6	6.83	99	6604	1.45	ng	0.02
8) Nitrobenzene-d5	8.78	82	11787	3.29	ng	0.00
14) 2,4,6-Tribromophenol	15.77	330	13498	6.70	ng	-0.03
15) 2-Fluorobiphenyl	12.88	172	45207	2.81	ng	0.00
29) Terphenyl-d14	19.67	244	47736	5.55	ng	0.00
Target Compounds						
18) Fluorene	15.33	166	6376	0.27	ng	# 92
22) Pentachlorophenol	16.70	266	20468	13.33	ng	# 89

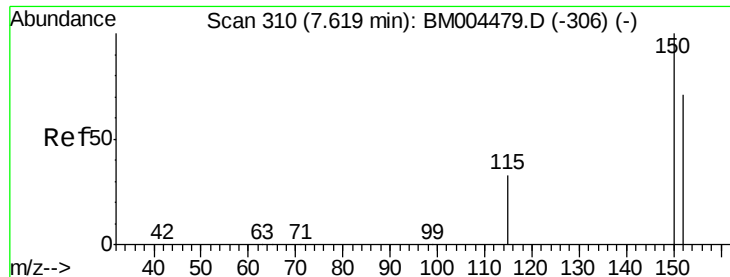
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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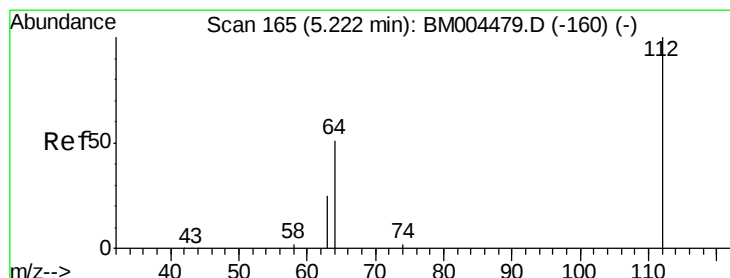
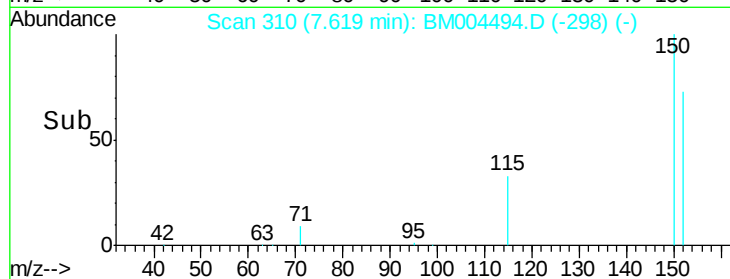
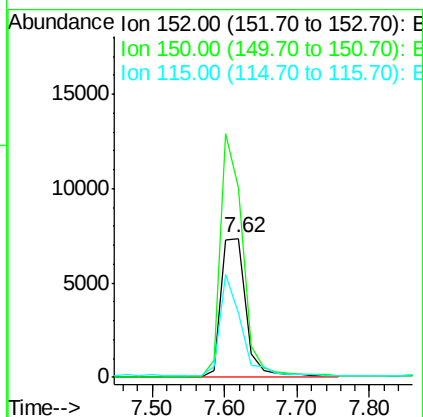
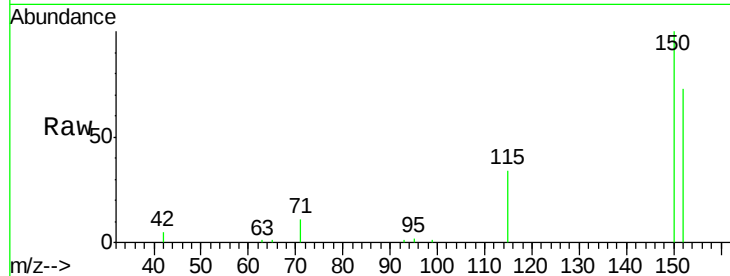




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.62 min Scan# 310
 Delta R.T. -0.00 min
 Lab File: BM004494.D
 Acq: 01 Mar 2016 06:54

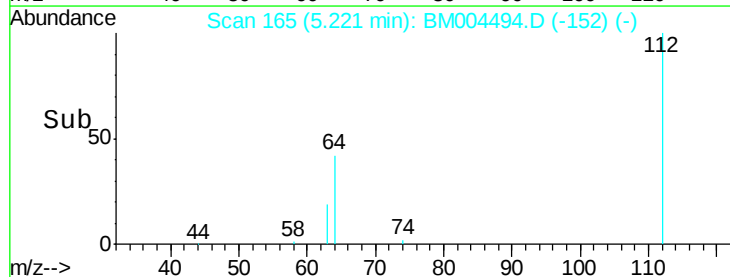
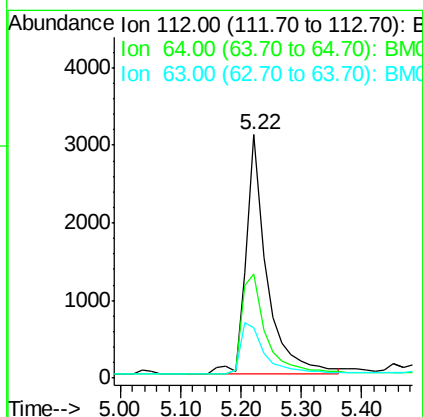
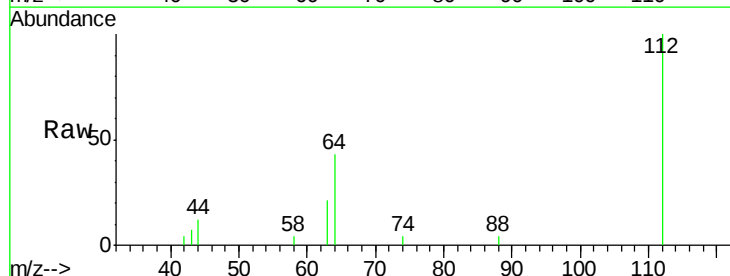
Instrument :
 BNA_M
 ClientSampleId :
 MW-3

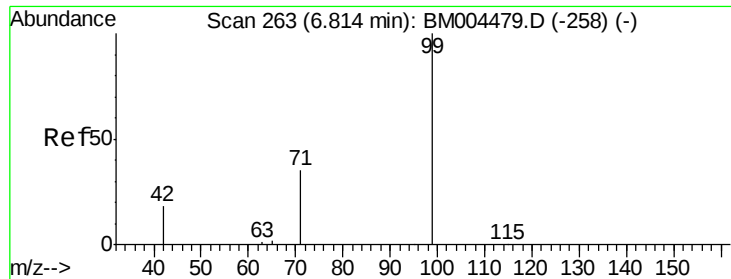
Tgt Ion:152 Resp: 17386
 Ion Ratio Lower Upper
 152 100
 150 136.5 111.9 167.9
 115 46.2 37.7 56.5



#4
 2-Fluorophenol
 Concen: 1.86 ng
 RT: 5.22 min Scan# 165
 Delta R.T. -0.00 min
 Lab File: BM004494.D
 Acq: 01 Mar 2016 06:54

Tgt Ion:112 Resp: 7497
 Ion Ratio Lower Upper
 112 100
 64 47.7 39.6 59.4
 63 24.4 20.0 30.0





#5

Phenol-d6

Concen: 1.45 ng

RT: 6.83 min Scan# 264

Delta R.T. 0.02 min

Lab File: BM004494.D

Acq: 01 Mar 2016 06:54

Instrument :

BNA_M

ClientSampleId :

MW-3

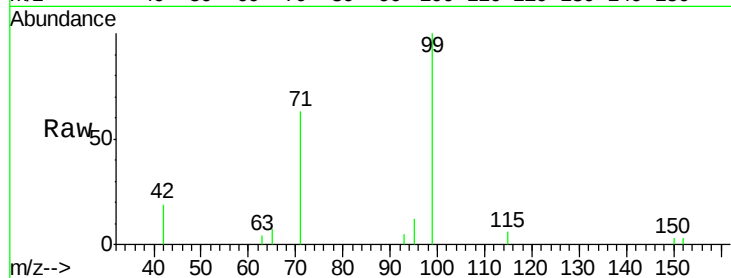
Tgt Ion: 99 Resp: 6604

Ion Ratio Lower Upper

99 100

42 0.0 12.2 18.2#

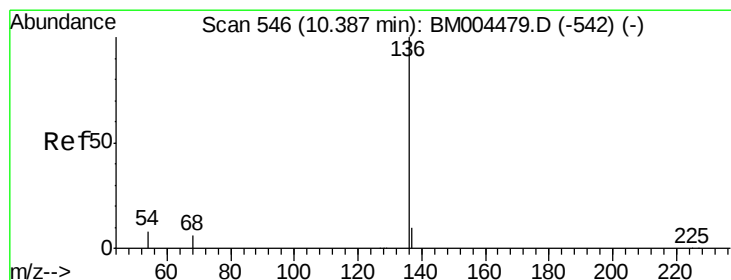
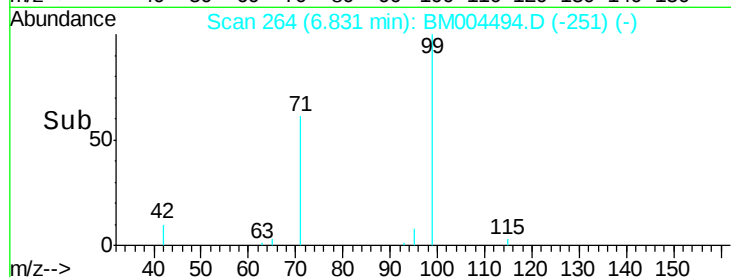
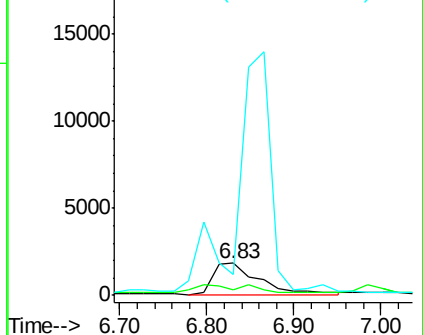
71 0.0 23.4 35.2#



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# 547

Delta R.T. 0.00 min

Lab File: BM004494.D

Acq: 01 Mar 2016 06:54

Tgt Ion: 136 Resp: 70286

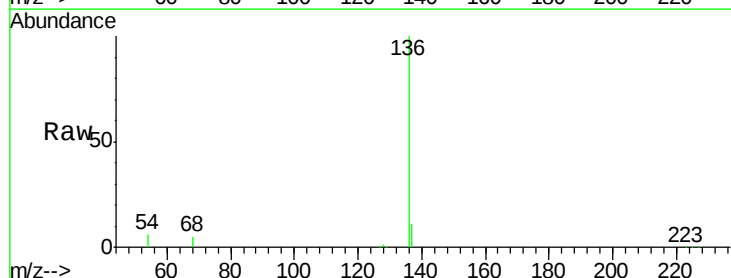
Ion Ratio Lower Upper

136 100

137 11.0 8.2 12.2

54 6.2 6.4 9.6#

68 5.5 5.0 7.4

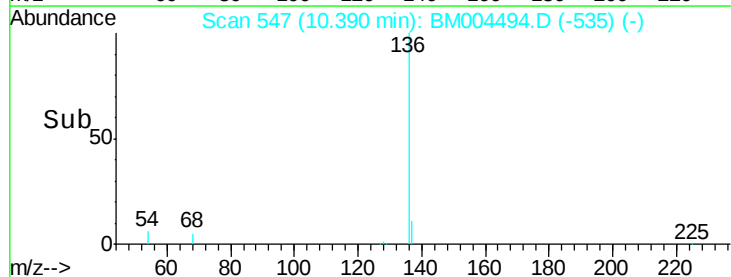
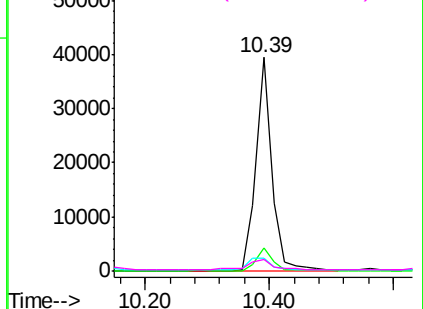


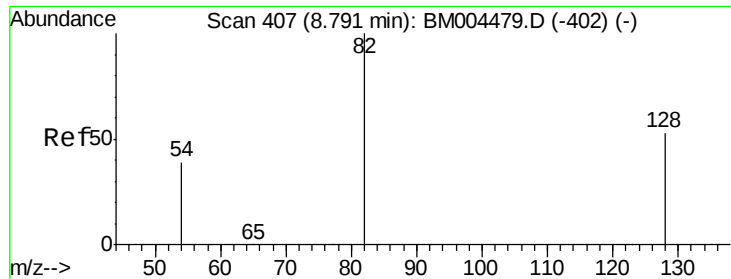
Abundance Ion 136.00 (135.70 to 136.70): BM004479.D (-542) (-)

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: 3.29 ng

RT: 8.78 min Scan# 407

Delta R.T. -0.01 min

Lab File: BM004494.D

Acq: 01 Mar 2016 06:54

Instrument :

BNA_M

ClientSampleId :

MW-3

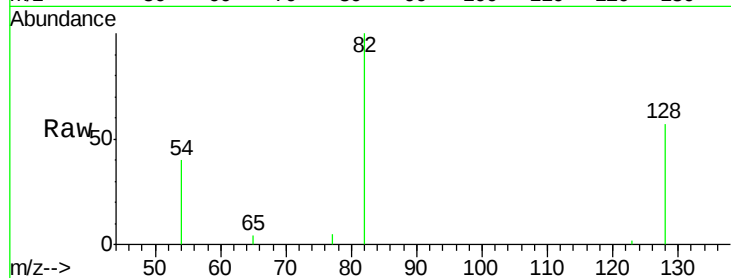
Tgt Ion: 82 Resp: 11787

Ion Ratio Lower Upper

82 100

128 56.6 43.7 65.5

54 39.7 33.5 50.3



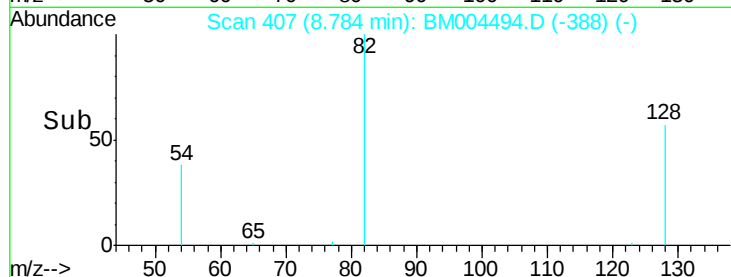
Abundance Ion 82.00 (81.70 to 82.70): BM004479.D (-402) (-)

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

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

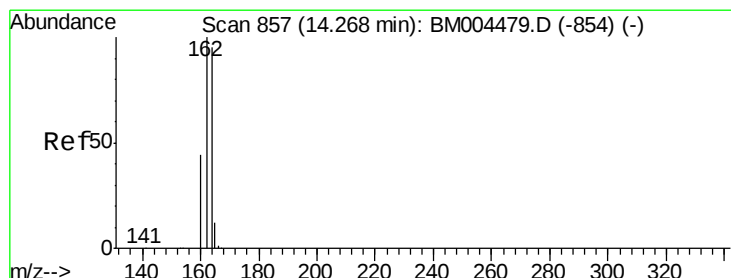
8.78

Time-->



8.78

Time-->



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 857

Delta R.T. -0.01 min

Lab File: BM004494.D

Acq: 01 Mar 2016 06:54

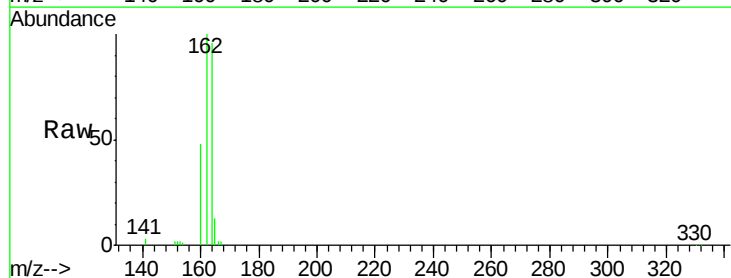
Tgt Ion: 164 Resp: 52454

Ion Ratio Lower Upper

164 100

162 104.5 84.2 126.4

160 49.7 37.4 56.2



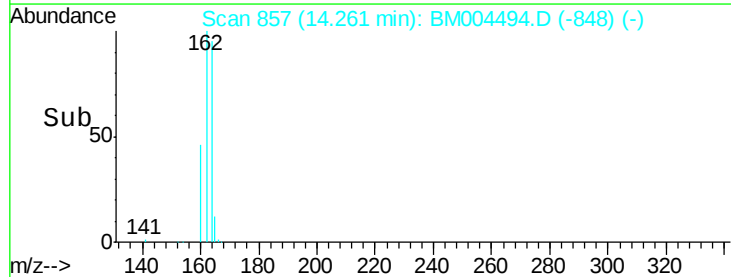
Abundance Ion 164.00 (163.70 to 164.70): BM004479.D (-854) (-)

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

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

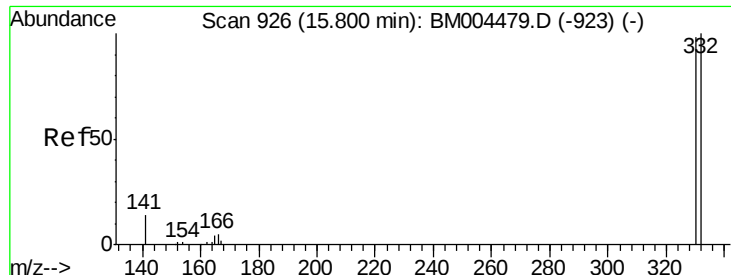
14.26

Time-->



14.26

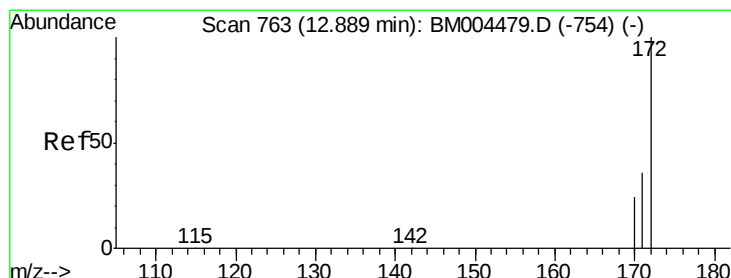
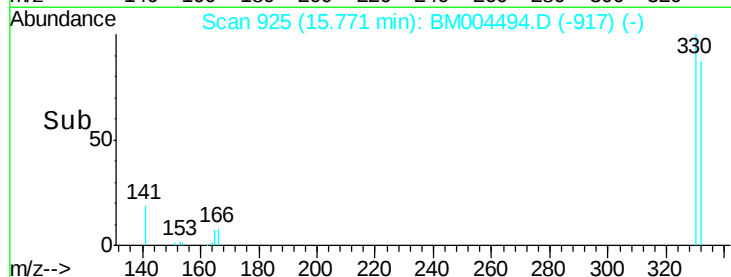
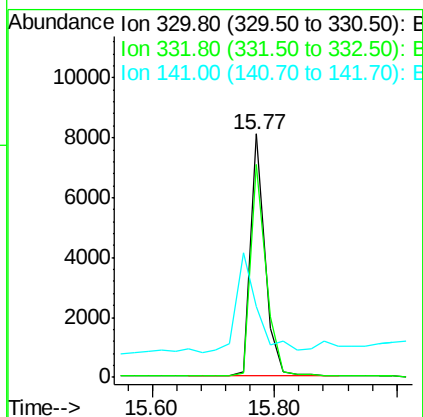
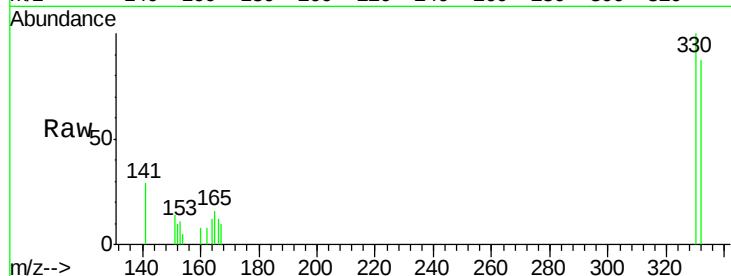
Time-->



#14
 2,4,6-Tribromophenol
 Concen: 6.70 ng
 RT: 15.77 min Scan# 925
 Delta R.T. -0.03 min
 Lab File: BM004494.D
 Acq: 01 Mar 2016 06:54

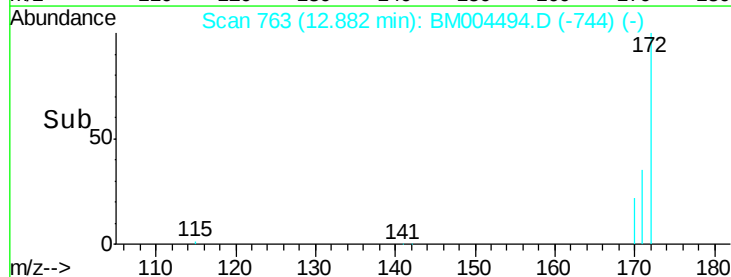
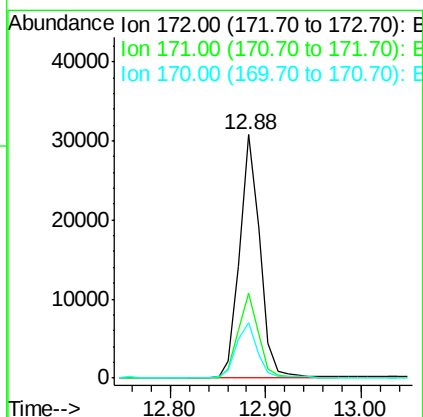
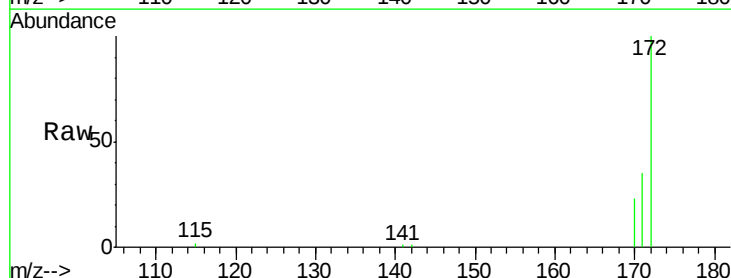
Instrument :
 BNA_M
 ClientSampleId :
 MW-3

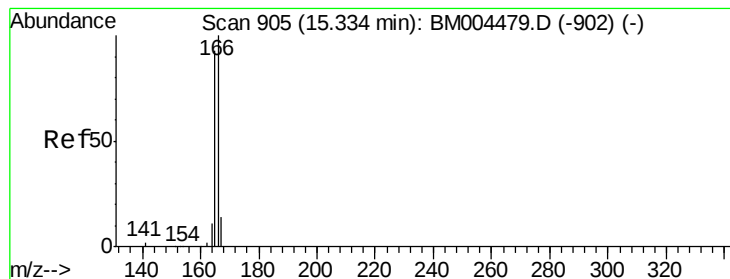
Tgt Ion:330 Resp: 13498
 Ion Ratio Lower Upper
 330 100
 332 93.2 76.1 114.1
 141 0.0 0.0 0.0



#15
 2-Fluorobiphenyl
 Concen: 2.81 ng
 RT: 12.88 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BM004494.D
 Acq: 01 Mar 2016 06:54

Tgt Ion:172 Resp: 45207
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.2 43.8
 170 22.6 19.7 29.5





#18

Fluorene

Concen: 0.27 ng

RT: 15.33 min Scan# 905

Delta R.T. -0.01 min

Lab File: BM004494.D

Acq: 01 Mar 2016 06:54

Instrument :

BNA_M

ClientSampleId :

MW-3

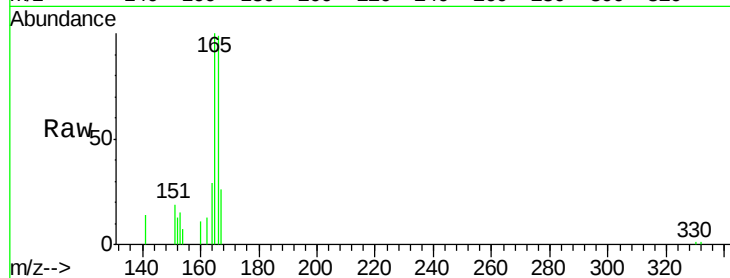
Tgt Ion:166 Resp: 6376

Ion Ratio Lower Upper

166 100

165 103.3 77.2 115.8

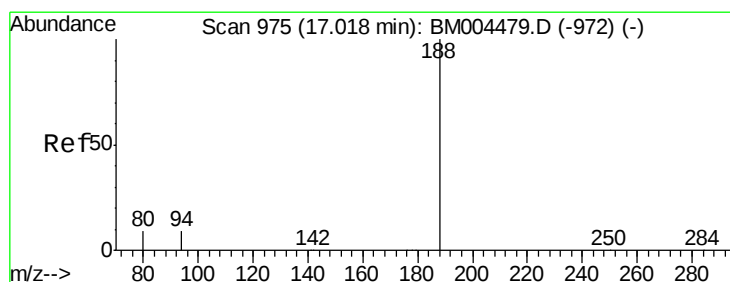
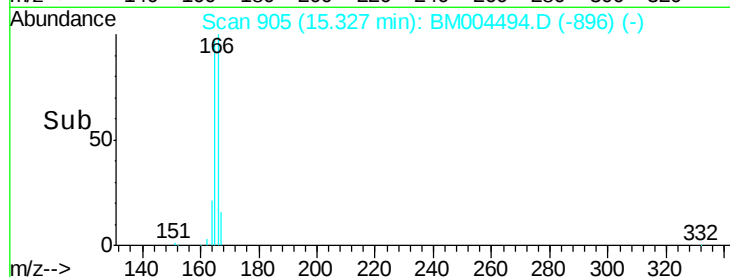
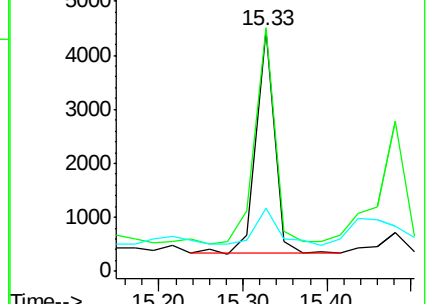
167 21.4 10.9 16.3#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.01 min Scan# 975

Delta R.T. -0.01 min

Lab File: BM004494.D

Acq: 01 Mar 2016 06:54

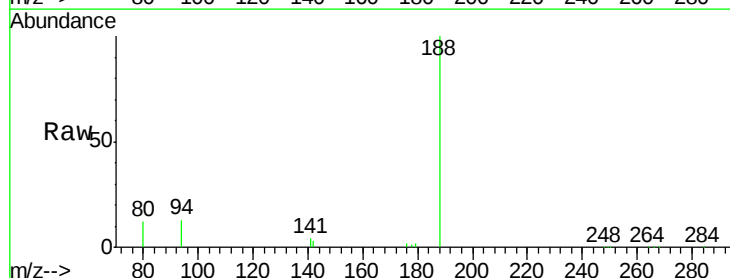
Tgt Ion:188 Resp: 84317

Ion Ratio Lower Upper

188 100

94 12.6 7.4 11.0#

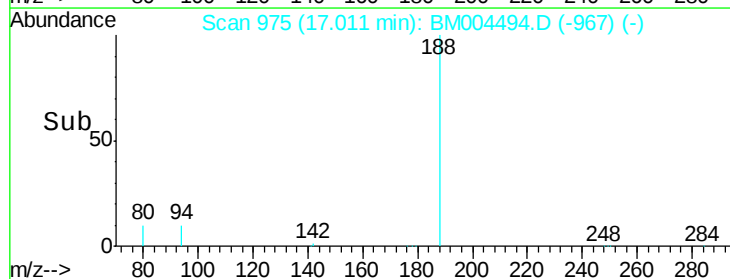
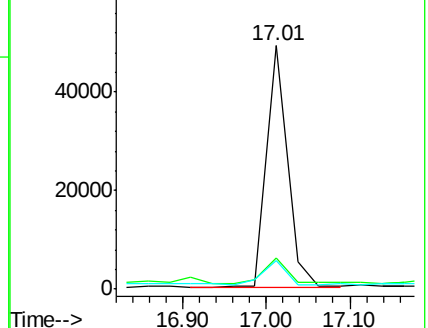
80 11.8 6.9 10.3#

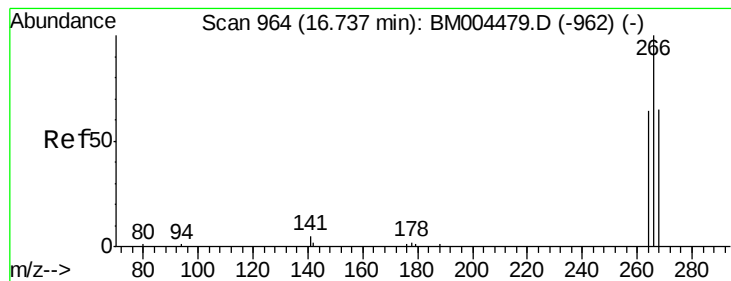


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#22

Pentachlorophenol

Concen: 13.33 ng

RT: 16.70 min Scan# 963

Delta R.T. -0.03 min

Lab File: BM004494.D

Acq: 01 Mar 2016 06:54

Instrument :

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ClientSampleId :

MW-3

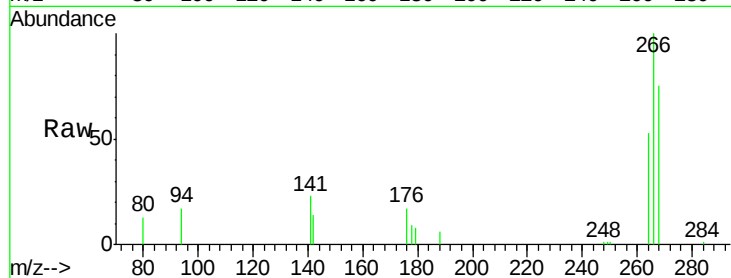
Tgt Ion:266 Resp: 20468

Ion Ratio Lower Upper

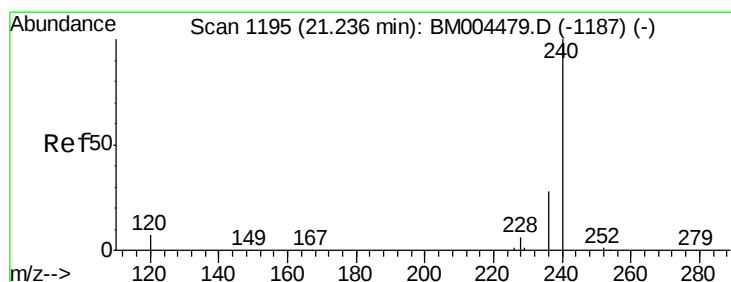
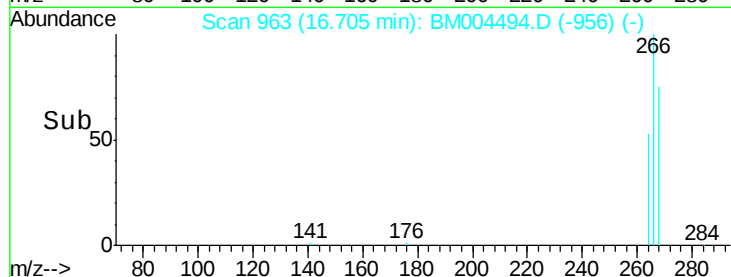
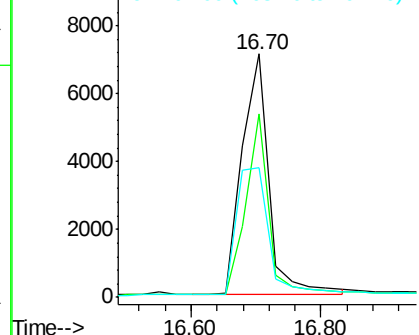
266 100

268 75.2 60.7 91.1

264 53.3 57.1 85.7#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.23 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BM004494.D

Acq: 01 Mar 2016 06:54

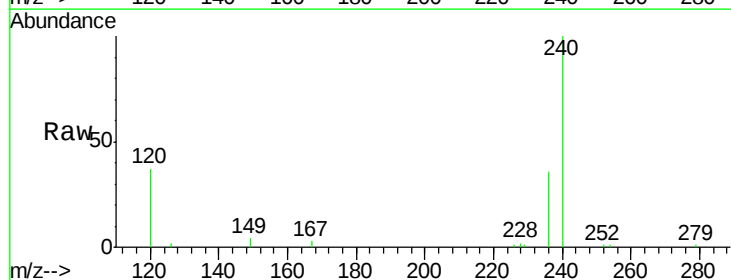
Tgt Ion:240 Resp: 66796

Ion Ratio Lower Upper

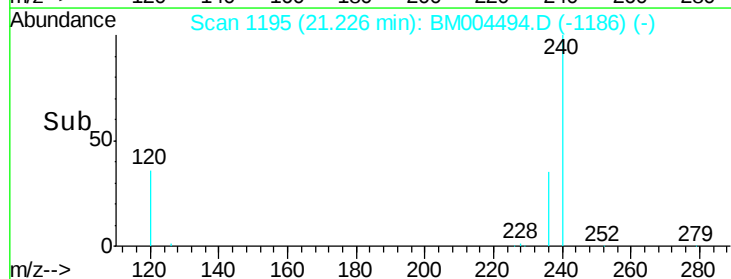
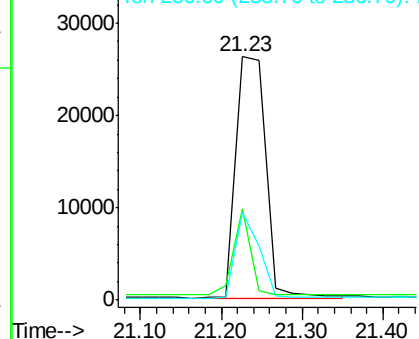
240 100

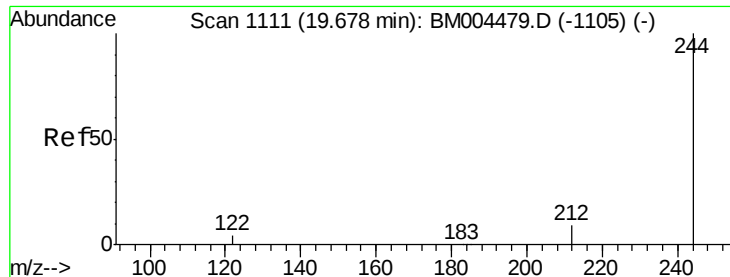
120 37.4 6.1 9.1#

236 35.9 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: 5.55 ng

RT: 19.67 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM004494.D

Acq: 01 Mar 2016 06:54

Instrument :

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ClientSampleId :

MW-3

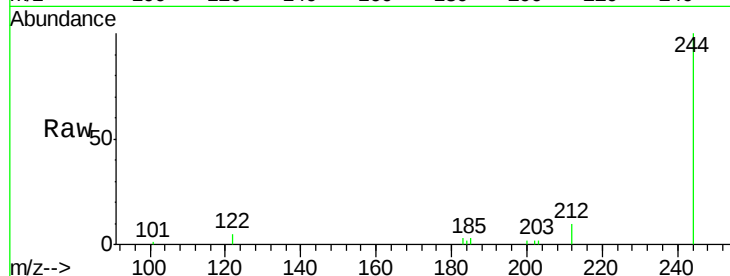
Tgt Ion:244 Resp: 47736

Ion Ratio Lower Upper

244 100

212 9.7 7.5 11.3

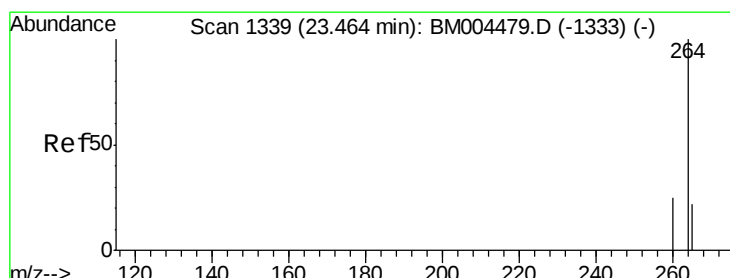
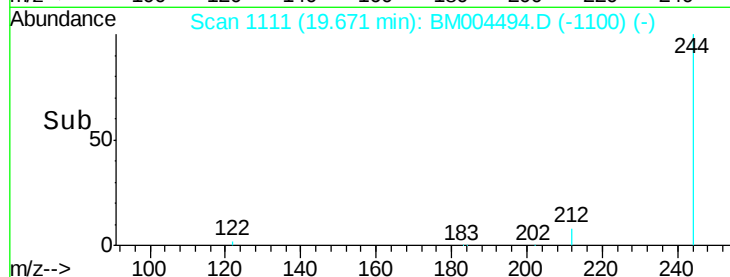
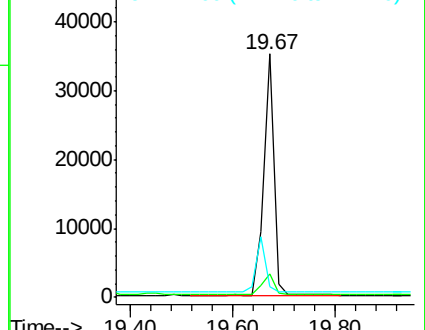
122 4.6 4.2 6.2



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



#35

Perylene-d12

Concen: 5.00 ng

RT: 23.45 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BM004494.D

Acq: 01 Mar 2016 06:54

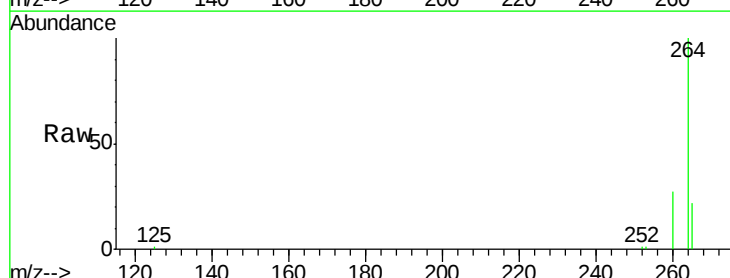
Tgt Ion:264 Resp: 65885

Ion Ratio Lower Upper

264 100

260 26.5 19.8 29.6

265 22.4 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

