

Data Path : S:\HPCHEM1\BNA_M\DATA\BM022916\
 Data File : BM004497.D
 Acq On : 01 Mar 2016 08:41
 Operator : SJ/UM
 Sample : H1519-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 KY038PS037-160217

Quant Time: Mar 01 11:42:49 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

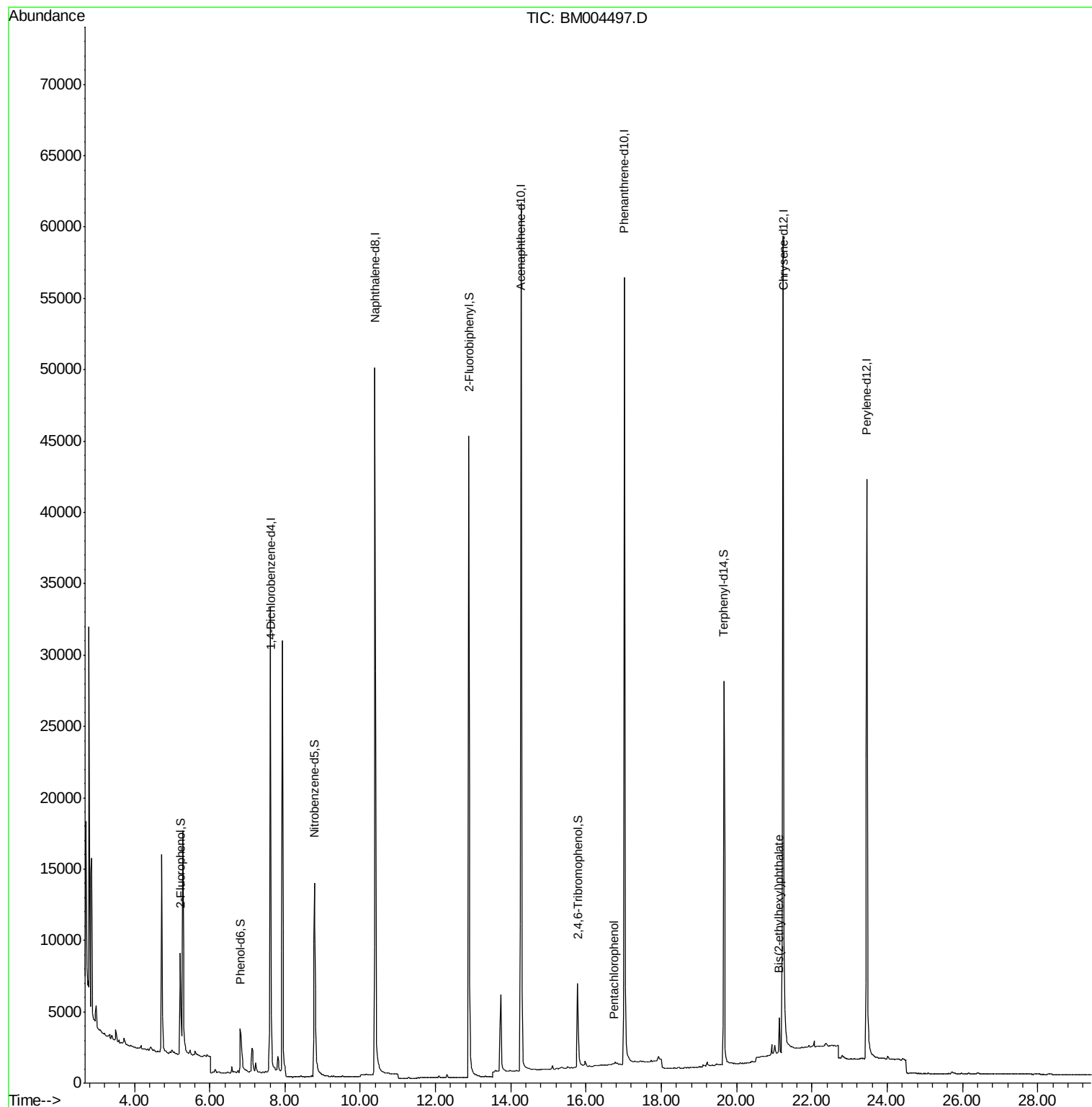
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	21976	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	81513	5.00	ng	0.00
13) Acenaphthene-d10	14.27	164	39177	5.00	ng	0.00
19) Phenanthrene-d10	17.02	188	86531	5.00	ng	0.00
26) Chrysene-d12	21.24	240	65813	5.00	ng	0.00
35) Perylene-d12	23.45	264	62312	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	9626	1.88	ng	0.00
5) Phenol-d6	6.81	99	6058	1.05	ng	0.00
8) Nitrobenzene-d5	8.78	82	17349	4.18	ng	-0.01
14) 2,4,6-Tribromophenol	15.78	330	5331	3.54	ng	-0.02
15) 2-Fluorobiphenyl	12.89	172	52916	4.41	ng	0.00
29) Terphenyl-d14	19.66	244	36146	4.27	ng	-0.02
Target Compounds						
22) Pentachlorophenol	16.74	266	100	0.05	ng	# 73
33) Bis(2-ethylhexyl)phthalate	21.13	149	2569	0.14	ng	# 99

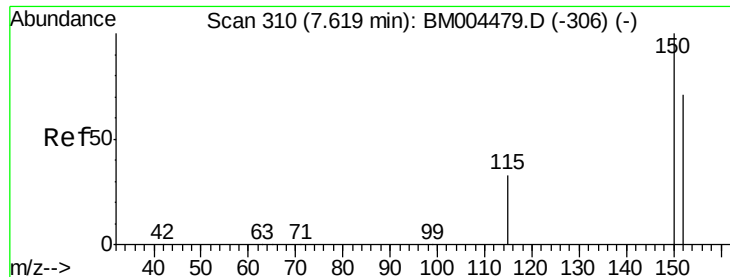
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM004497.D

Acq: 01 Mar 2016 08:41

Instrument :

BNA_M

ClientSampleId :

KY038PS037-160217

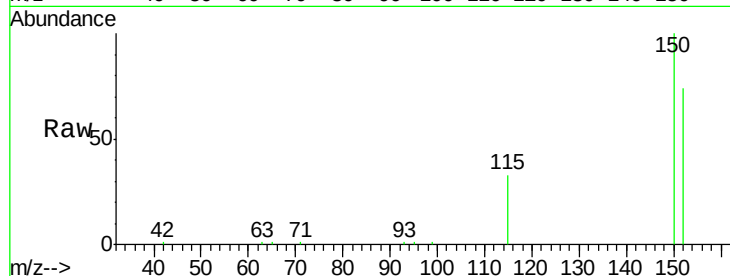
Tgt Ion:152 Resp: 21976

Ion Ratio Lower Upper

152 100

150 135.5 111.9 167.9

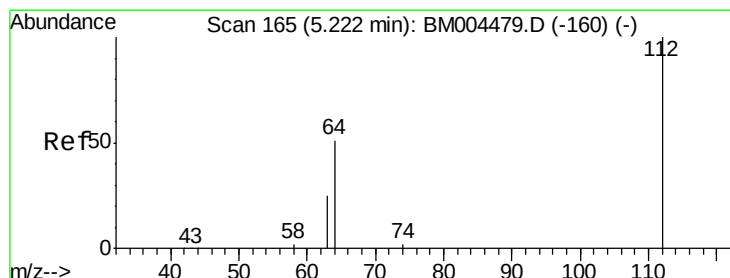
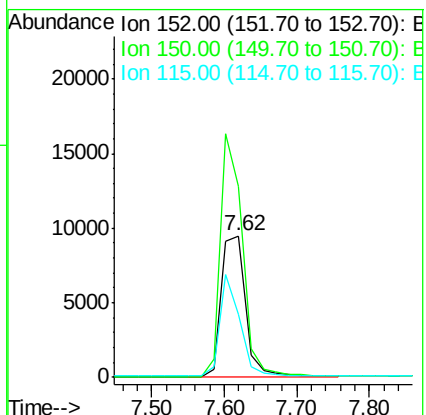
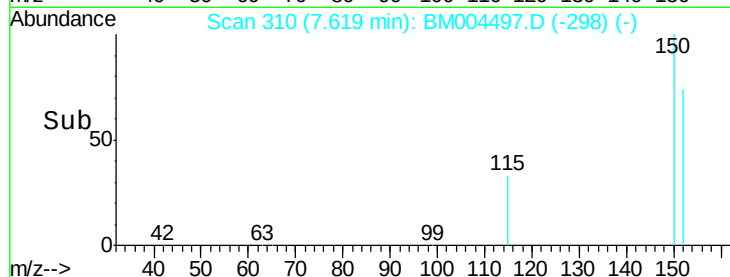
115 44.8 37.7 56.5



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: 1.88 ng

RT: 5.22 min Scan# 165

Delta R.T. 0.00 min

Lab File: BM004497.D

Acq: 01 Mar 2016 08:41

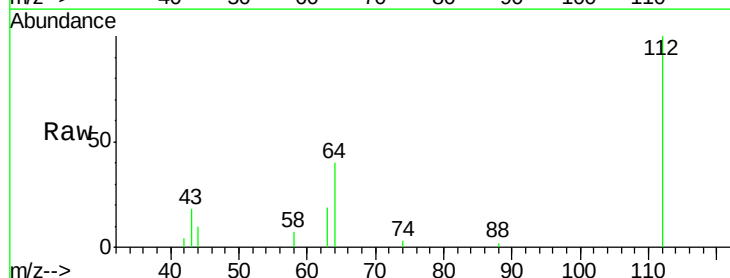
Tgt Ion:112 Resp: 9626

Ion Ratio Lower Upper

112 100

64 49.2 39.6 59.4

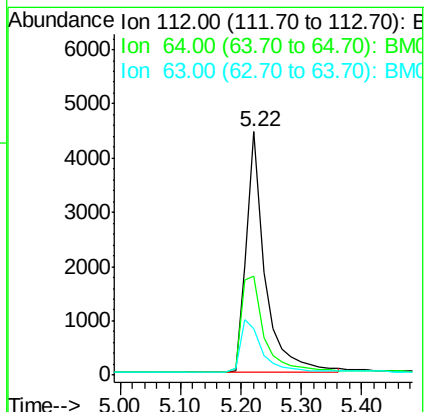
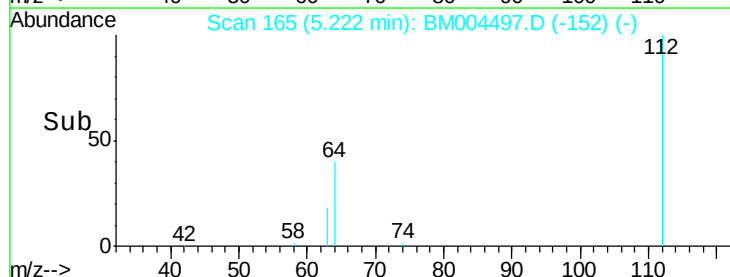
63 24.7 20.0 30.0

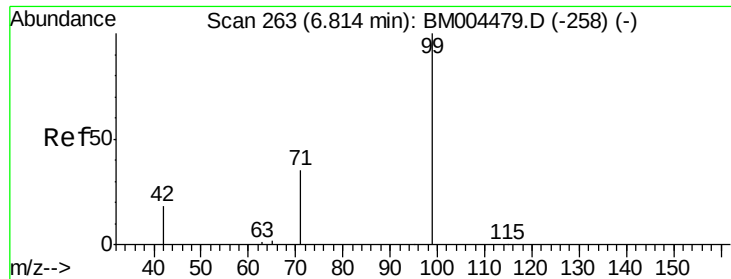


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 1.05 ng

RT: 6.81 min Scan# 263

Delta R.T. 0.00 min

Lab File: BM004497.D

Acq: 01 Mar 2016 08:41

Instrument :

BNA_M

ClientSampleId :

KY038PS037-160217

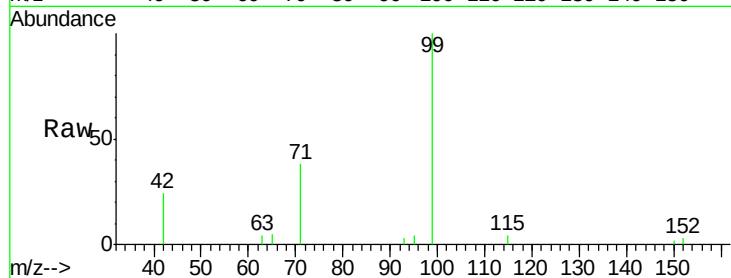
Tgt Ion: 99 Resp: 6058

Ion Ratio Lower Upper

99 100

42 16.8 12.2 18.2

71 27.3 23.4 35.2



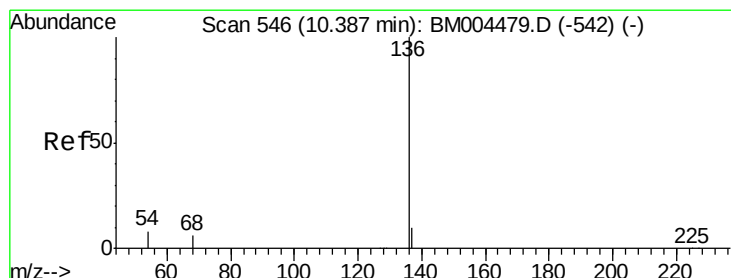
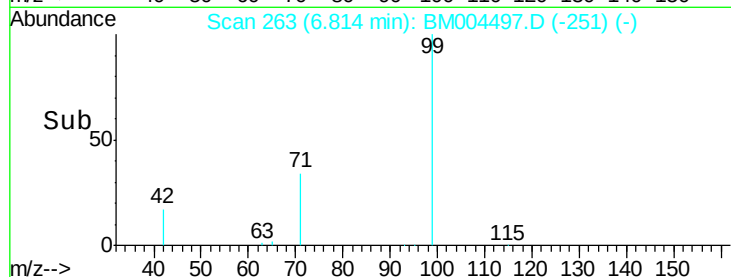
Abundance Ion 99.00 (98.70 to 99.70): BM004497.D (-258) (-)

Ion 42.00 (41.70 to 42.70): BM004497.D (-258) (-)

Ion 71.00 (70.70 to 71.70): BM004497.D (-258) (-)

6.81

Time-->



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 546

Delta R.T. 0.00 min

Lab File: BM004497.D

Acq: 01 Mar 2016 08:41

Tgt Ion: 136 Resp: 81513

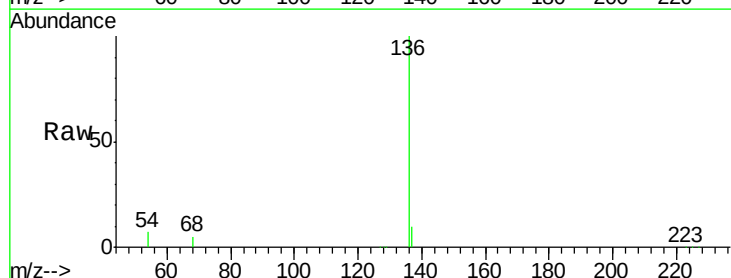
Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.2

54 6.9 6.4 9.6

68 5.4 5.0 7.4



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

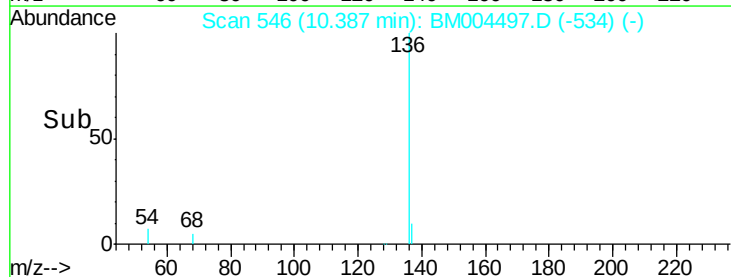
Ion 137.00 (136.70 to 137.70): BM004479.D (-542) (-)

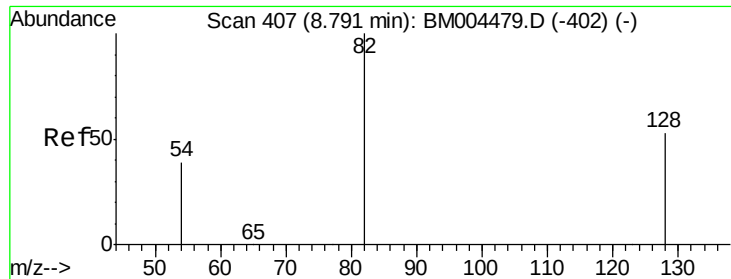
Ion 54.00 (53.70 to 54.70): BM004479.D (-542) (-)

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

10.39

Time-->

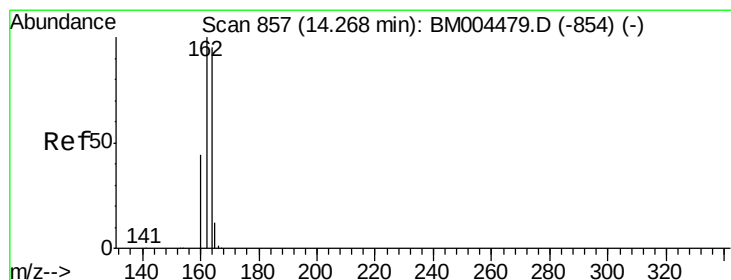
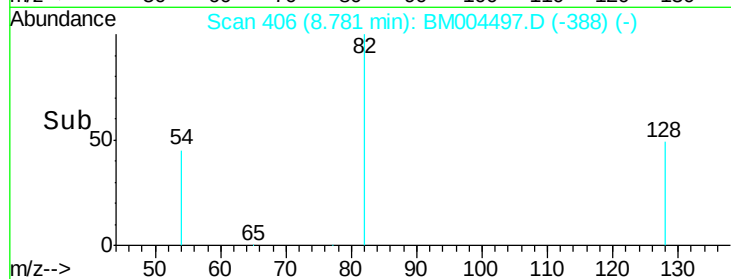
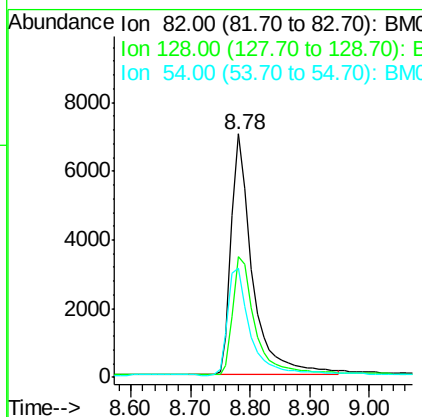
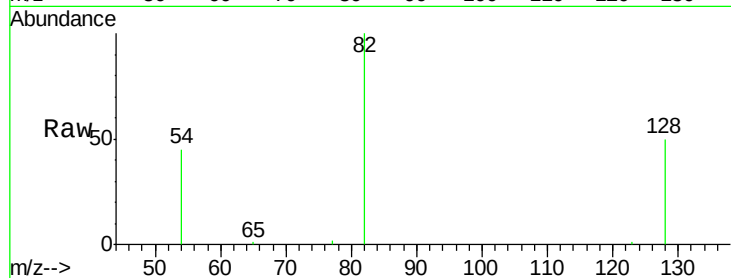




#8
 Nitrobenzene-d5
 Concen: 4.18 ng
 RT: 8.78 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BM004497.D
 Acq: 01 Mar 2016 08:41

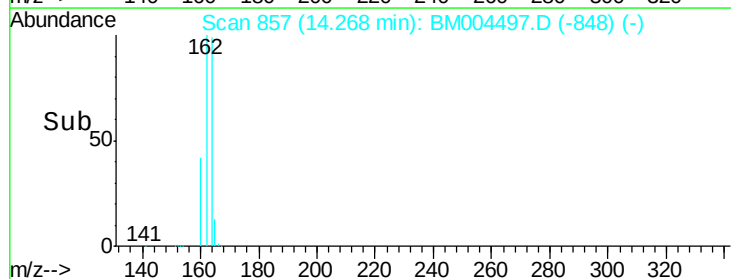
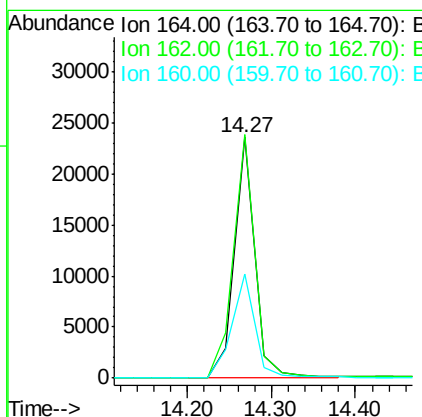
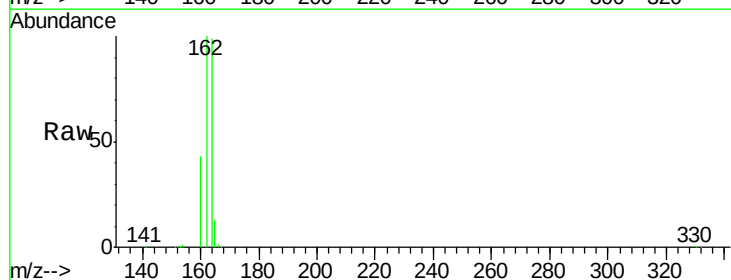
Instrument :
 BNA_M
 ClientSampleId :
 KY038PS037-160217

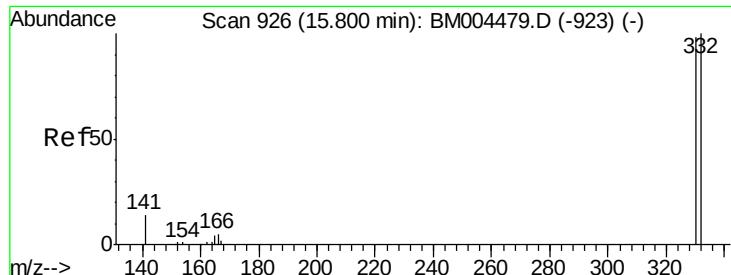
Tgt Ion: 82 Resp: 17349
 Ion Ratio Lower Upper
 82 100
 128 49.6 43.7 65.5
 54 45.1 33.5 50.3



#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.27 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BM004497.D
 Acq: 01 Mar 2016 08:41

Tgt Ion: 164 Resp: 39177
 Ion Ratio Lower Upper
 164 100
 162 101.2 84.2 126.4
 160 43.1 37.4 56.2

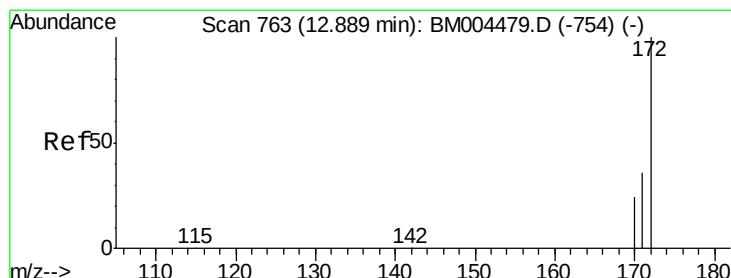
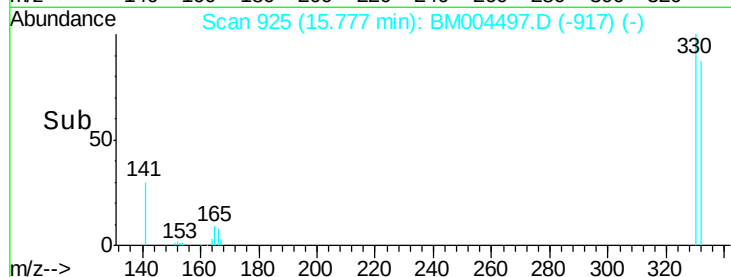
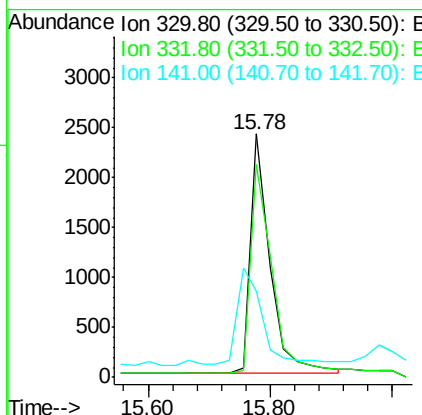
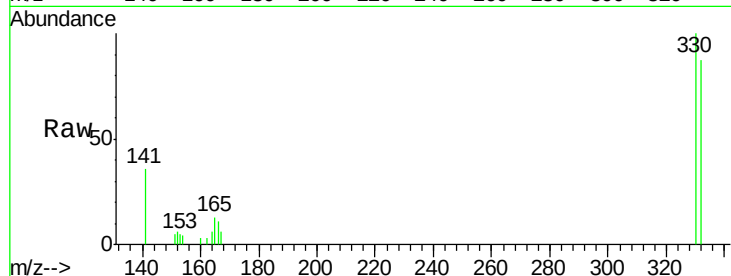




#14
 2,4,6-Tribromophenol
 Concen: 3.54 ng
 RT: 15.78 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BM004497.D
 Acq: 01 Mar 2016 08:41

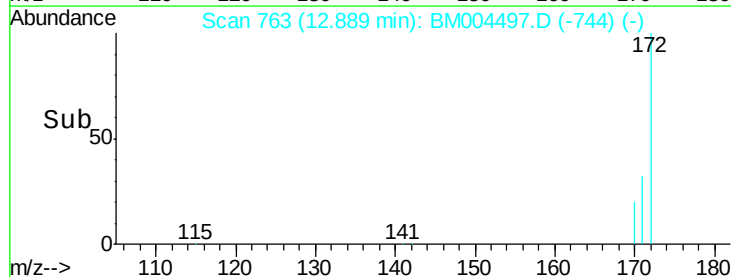
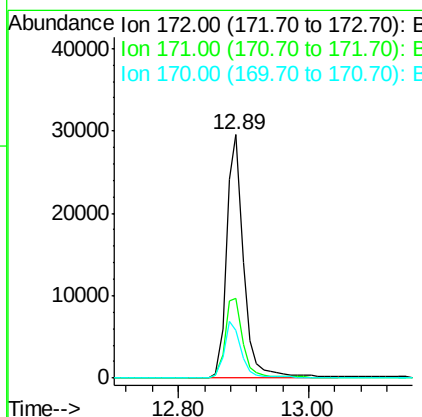
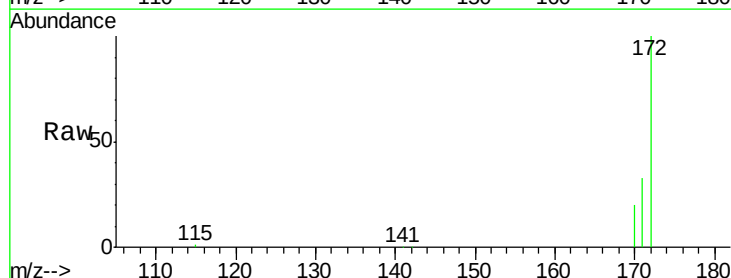
Instrument :
 BNA_M
 ClientSampleId :
 KY038PS037-160217

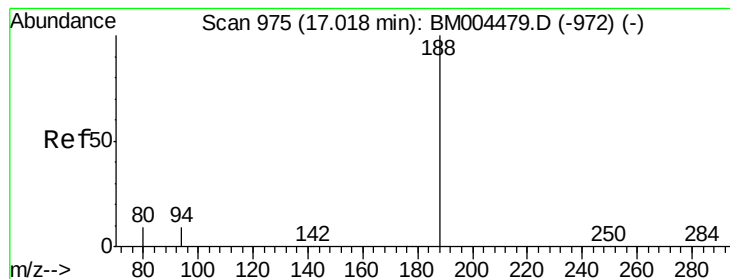
Tgt Ion:330 Resp: 5331
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.1 114.1
 141 0.0 0.0 0.0



#15
 2-Fluorobiphenyl
 Concen: 4.41 ng
 RT: 12.89 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BM004497.D
 Acq: 01 Mar 2016 08:41

Tgt Ion:172 Resp: 52916
 Ion Ratio Lower Upper
 172 100
 171 32.6 29.2 43.8
 170 19.8 19.7 29.5





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.02 min Scan# 975

Delta R.T. 0.00 min

Lab File: BM004497.D

Acq: 01 Mar 2016 08:41

Instrument :

BNA_M

ClientSampleId :

KY038PS037-160217

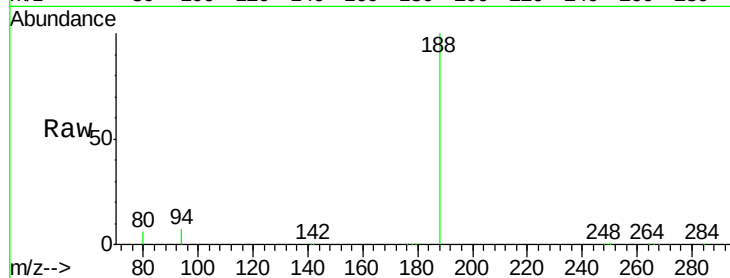
Tgt Ion:188 Resp: 86531

Ion Ratio Lower Upper

188 100

94 6.9 7.4 11.0#

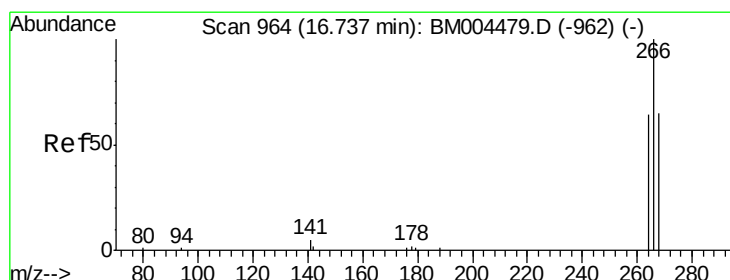
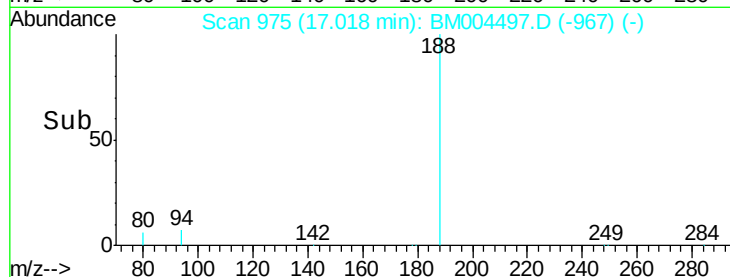
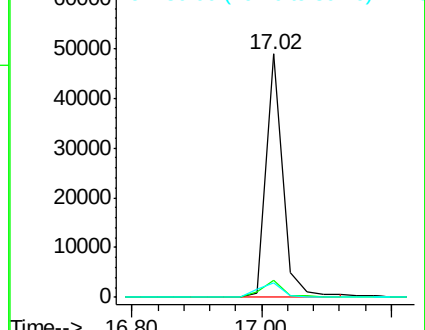
80 6.2 6.9 10.3#



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: 0.05 ng

RT: 16.74 min Scan# 964

Delta R.T. 0.00 min

Lab File: BM004497.D

Acq: 01 Mar 2016 08:41

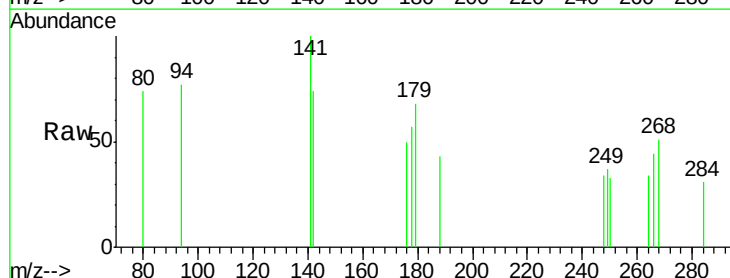
Tgt Ion:266 Resp: 100

Ion Ratio Lower Upper

266 100

268 116.4 60.7 91.1#

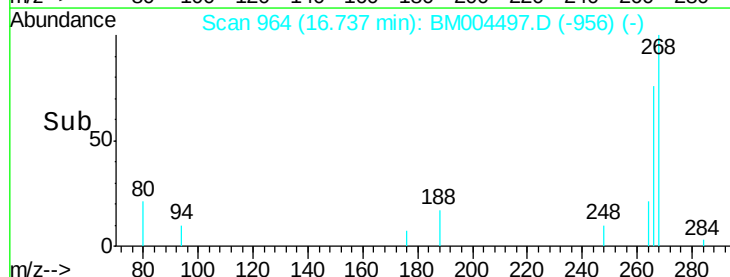
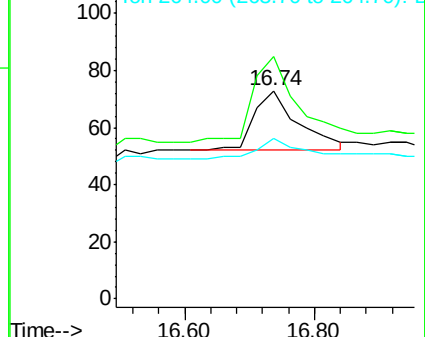
264 76.7 57.1 85.7

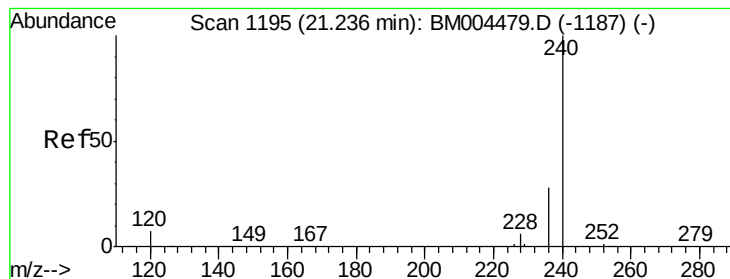


Abundance Ion 265.70 (265.40 to 266.40): E

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: 21.24 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BM004497.D

Acq: 01 Mar 2016 08:41

Instrument :

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KY038PS037-160217

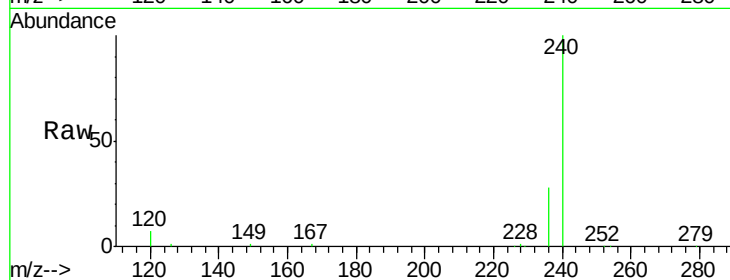
Tgt Ion:240 Resp: 65813

Ion Ratio Lower Upper

240 100

120 7.0 6.1 9.1

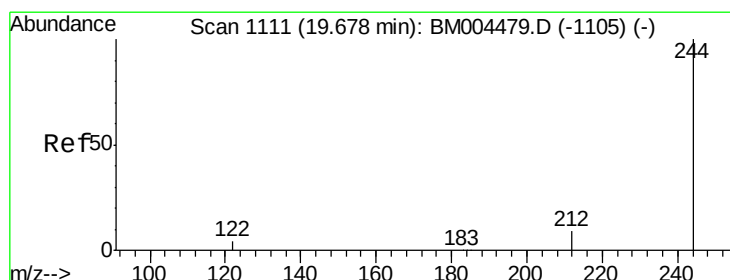
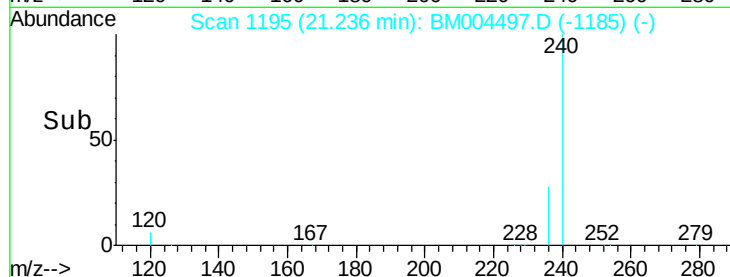
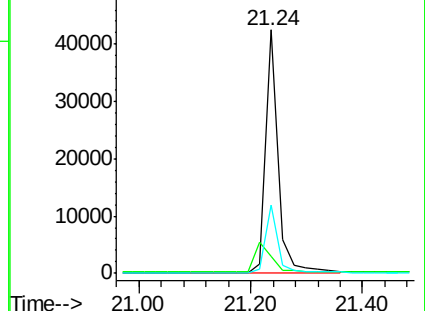
236 28.0 22.6 34.0



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: 4.27 ng

RT: 19.66 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BM004497.D

Acq: 01 Mar 2016 08:41

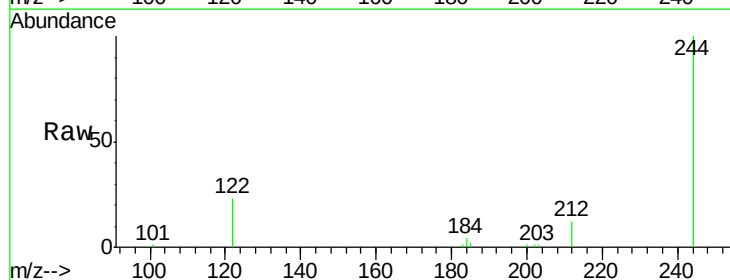
Tgt Ion:244 Resp: 36146

Ion Ratio Lower Upper

244 100

212 11.9 7.5 11.3#

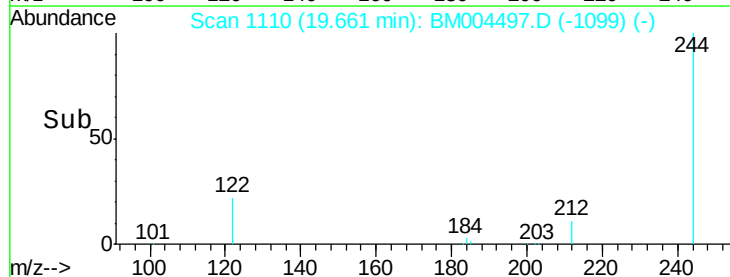
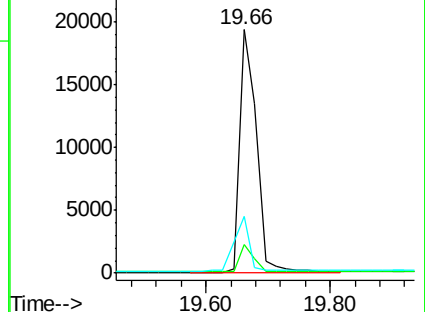
122 23.3 4.2 6.2#

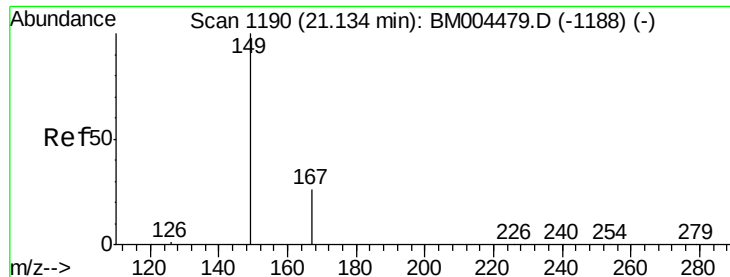


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.14 ng

RT: 21.13 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BM004497.D

Acq: 01 Mar 2016 08:41

Instrument :

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KY038PS037-160217

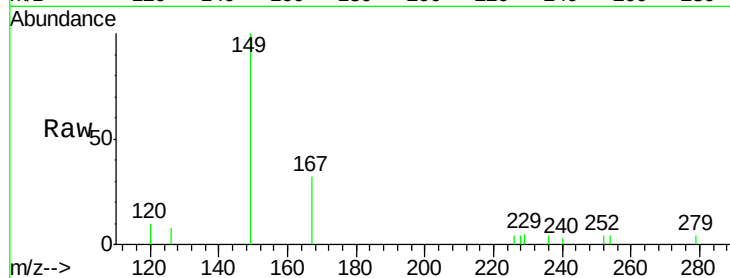
Tgt Ion:149 Resp: 2569

Ion Ratio Lower Upper

149 100

167 27.2 21.2 31.8

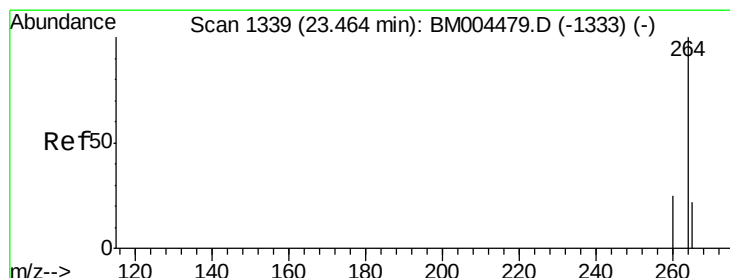
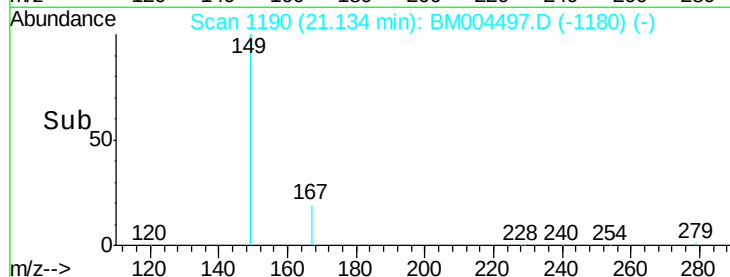
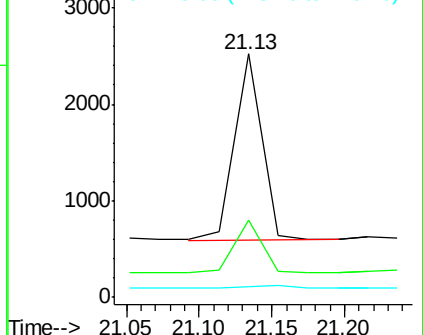
279 0.0 0.0 0.0



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: BM004497.D

Acq: 01 Mar 2016 08:41

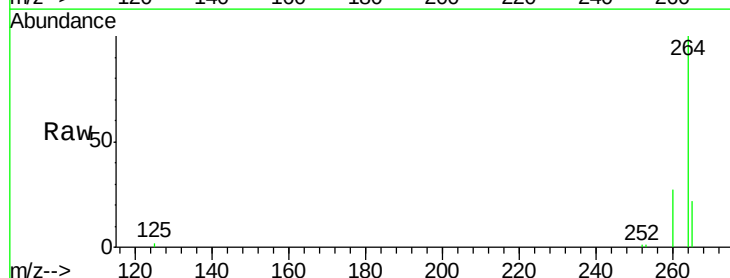
Tgt Ion:264 Resp: 62312

Ion Ratio Lower Upper

264 100

260 27.1 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

