

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050118\
 Data File : BE096261.D
 Acq On : 1 May 2018 17:28
 Operator : SJ/JU
 Sample : PB108594BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB108594BL

Quant Time: May 02 02:43:01 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 14:27:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	764	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	2769	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1415	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	3411	0.40	ng	0.00
27) Chrysene-d12	21.74	240	3757	0.40	ng	0.00
34) Perylene-d12	24.35	264	3621	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.87	112	761	0.32	ng	0.00
5) Phenol-d6	7.52	99	1010	0.31	ng	0.00
8) Nitrobenzene-d5	9.54	82	1101	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.74	152	1333	0.30	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	129	0.19	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	1942	0.32	ng	0.00
25) Fluoranthene-d10	19.64	212	15167	0.33	ng	0.00
29) Terphenyl-d14	20.19	244	2372	0.29	ng	0.00

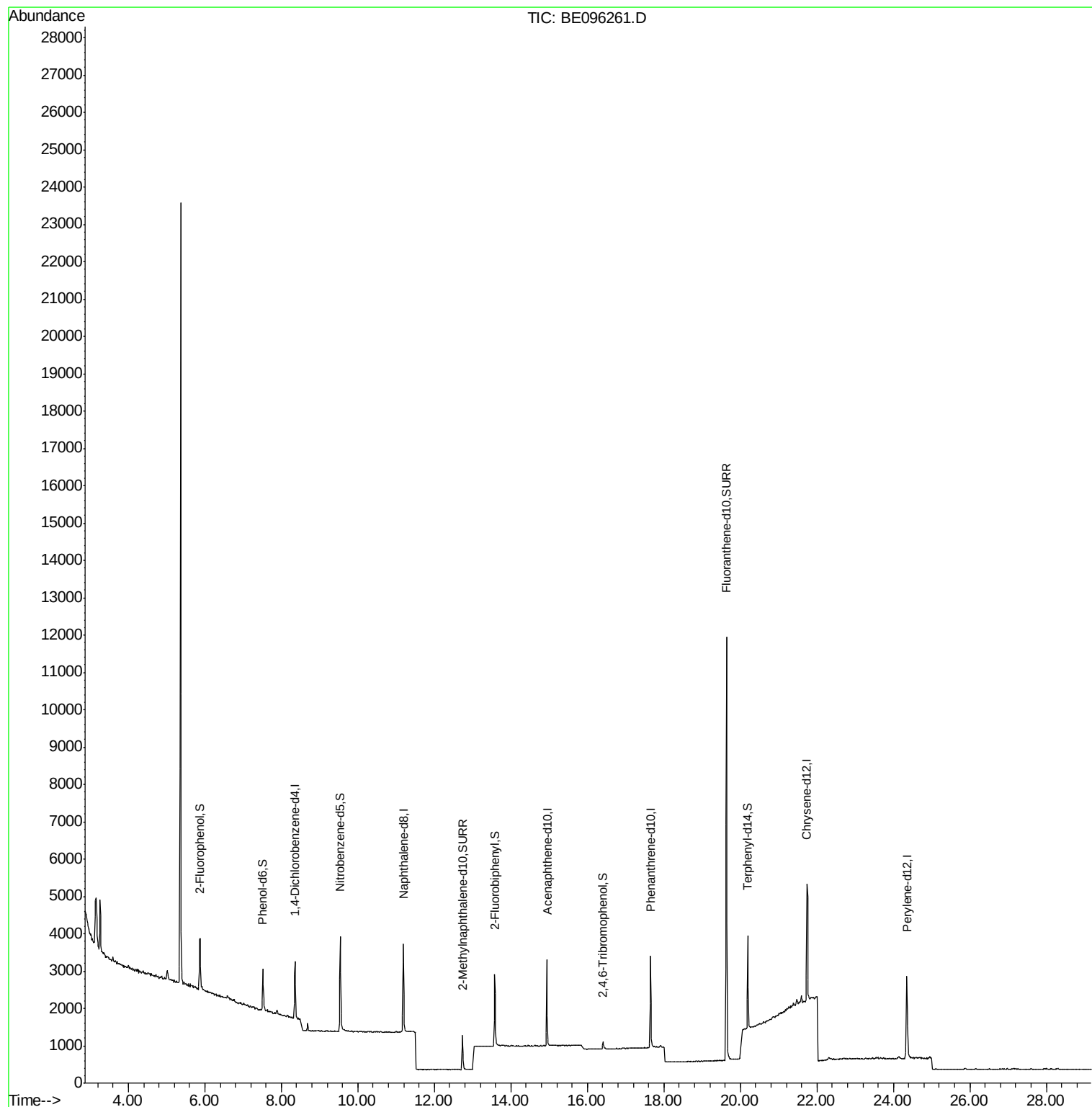
Target Compounds	Qvalue
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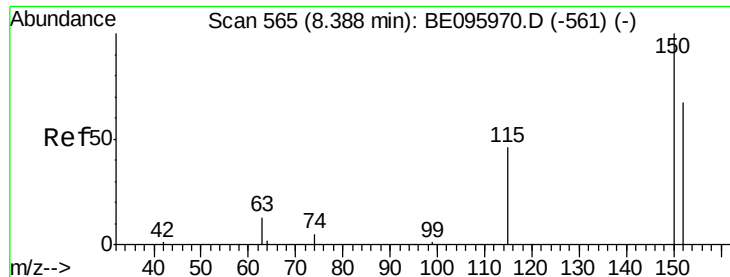
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.36 min Scan# 562

Delta R.T. -0.00 min

Lab File: BE096261.D

Acq: 1 May 2018 17:28

Instrument :

BNA_E

ClientSampleId :

PB108594BL

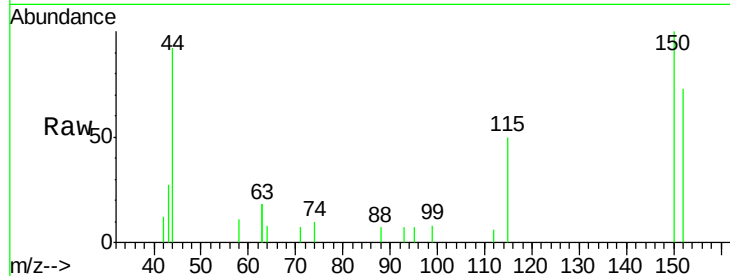
Tgt Ion:152 Resp: 764

Ion Ratio Lower Upper

152 100

150 137.7 117.2 175.8

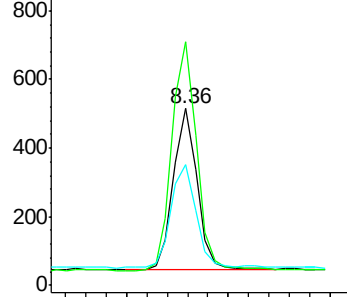
115 68.5 57.0 85.6



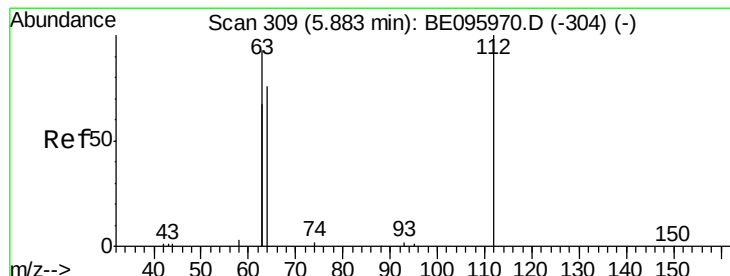
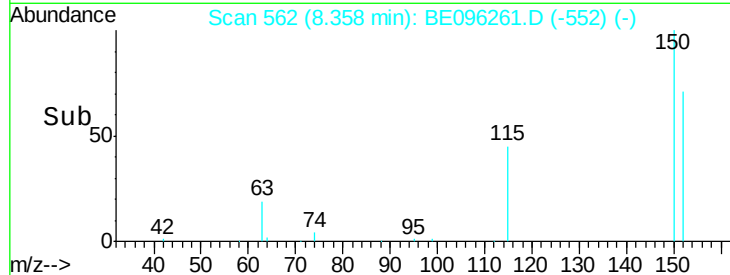
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#4

2-Fluorophenol

Concen: 0.322 ng

RT: 5.87 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096261.D

Acq: 1 May 2018 17:28

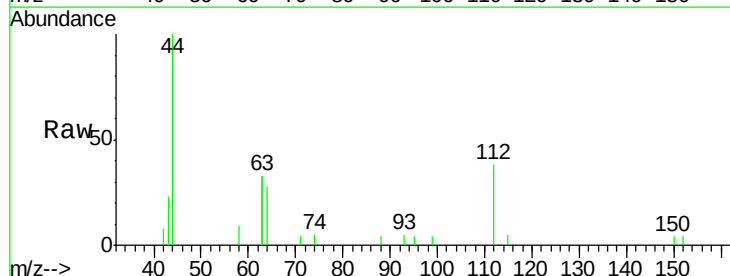
Tgt Ion:112 Resp: 761

Ion Ratio Lower Upper

112 100

64 73.5 60.1 90.1

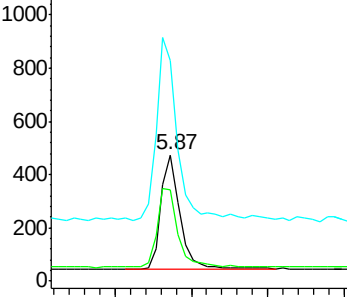
63 171.7 116.8 175.2



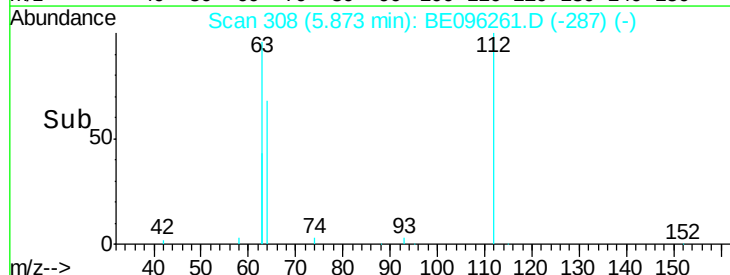
Abundance Ion 112.00 (111.70 to 112.70): E

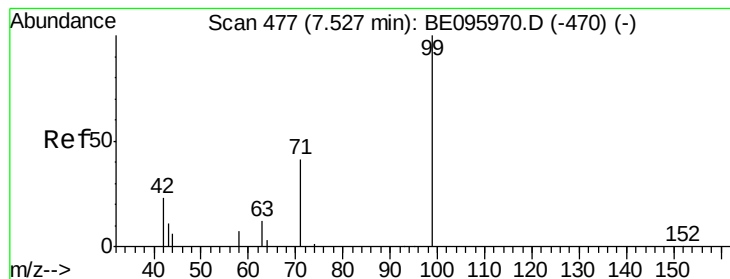
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.310 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096261.D

Acq: 1 May 2018 17:28

Instrument :

BNA_E

ClientSampled :

PB108594BL

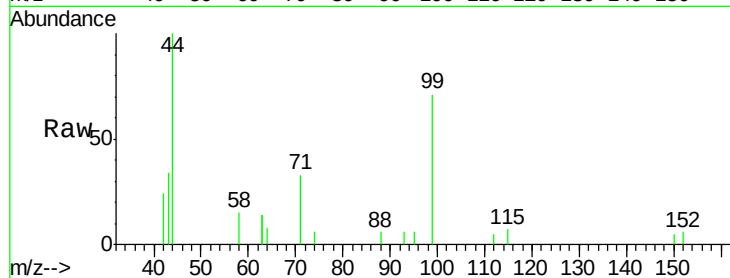
Tgt Ion: 99 Resp: 1010

Ion Ratio Lower Upper

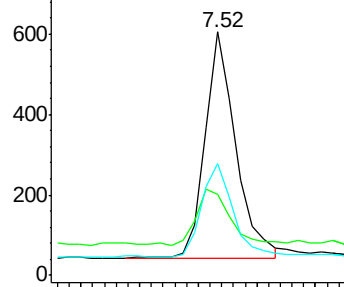
99 100

42 25.9 20.2 30.2

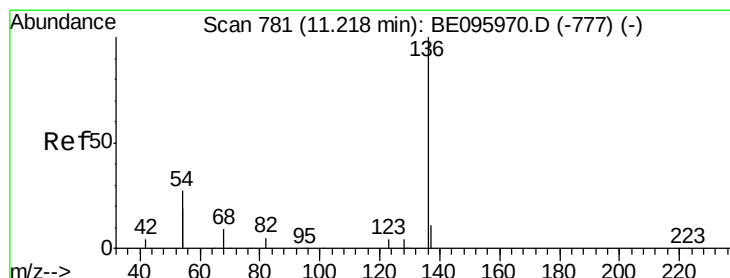
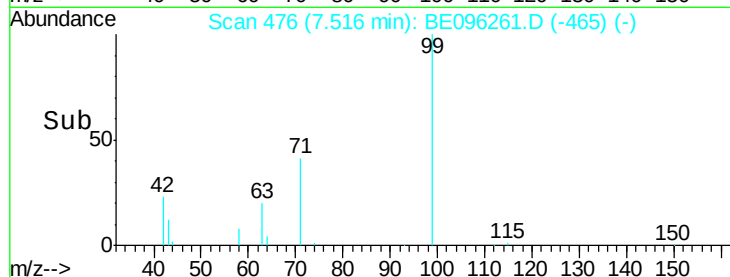
71 42.4 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.19 min Scan# 779

Delta R.T. -0.00 min

Lab File: BE096261.D

Acq: 1 May 2018 17:28

Tgt Ion: 136 Resp: 2769

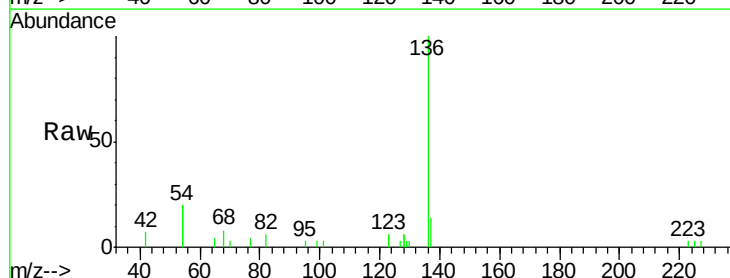
Ion Ratio Lower Upper

136 100

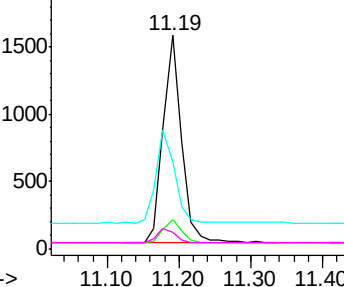
137 13.5 9.5 14.3

54 40.8 29.1 43.7

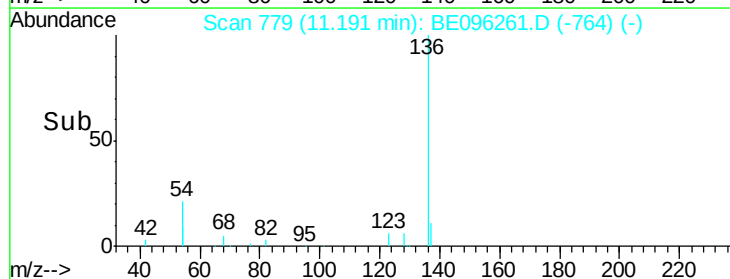
68 8.1 6.2 9.2

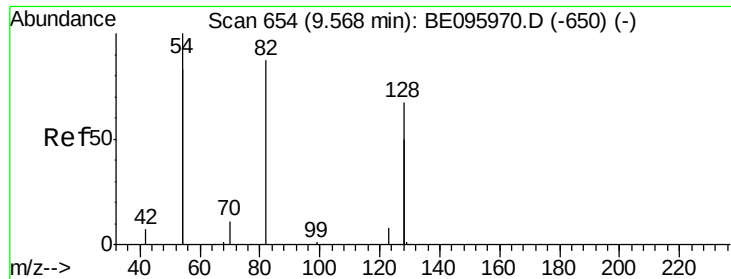


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.339 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE096261.D

Acq: 1 May 2018 17:28

Instrument :

BNA_E

ClientSampleId :

PB108594BL

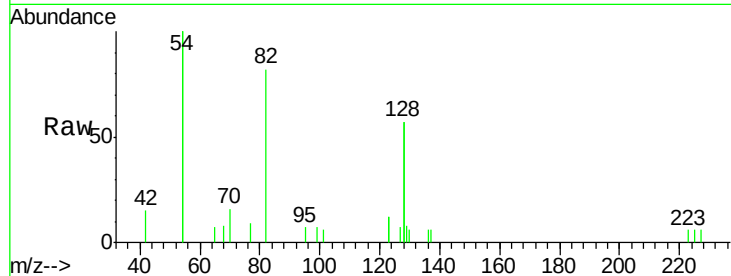
Tgt Ion: 82 Resp: 1101

Ion Ratio Lower Upper

82 100

128 140.1 150.0 225.0#

54 245.2 154.2 231.4#

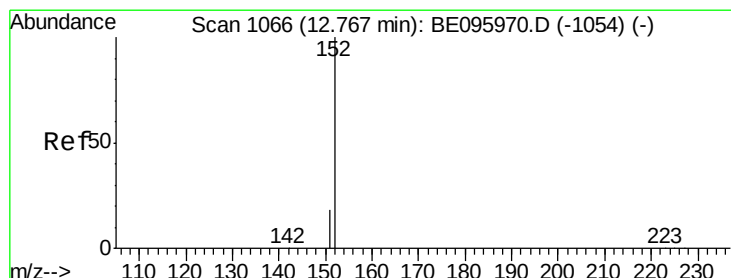
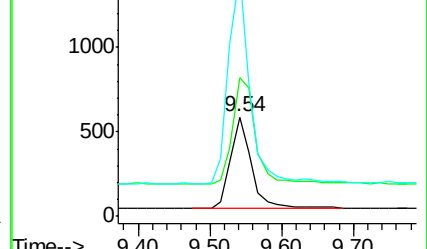
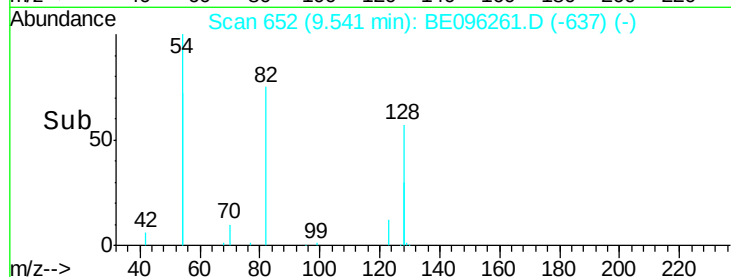


Abundance Ion 82.00 (81.70 to 82.70): BE095970.D (-650) (-)

Ion 128.00 (127.70 to 128.70): BE095970.D (-650) (-)

Ion 54.00 (53.70 to 54.70): BE095970.D (-650) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.304 ng

RT: 12.74 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE096261.D

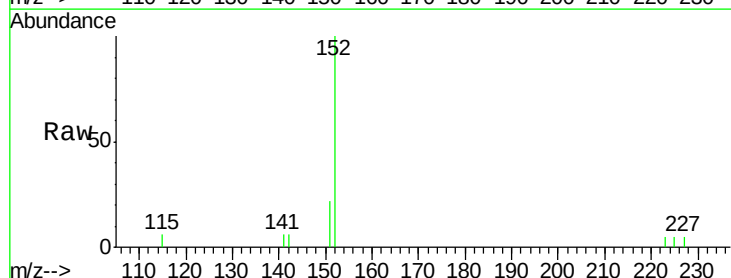
Acq: 1 May 2018 17:28

Tgt Ion: 152 Resp: 1333

Ion Ratio Lower Upper

152 100

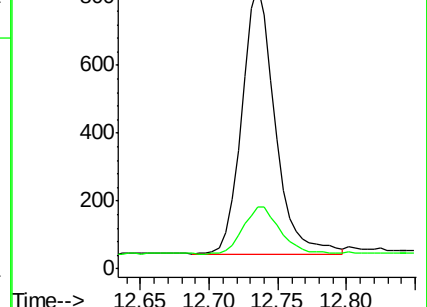
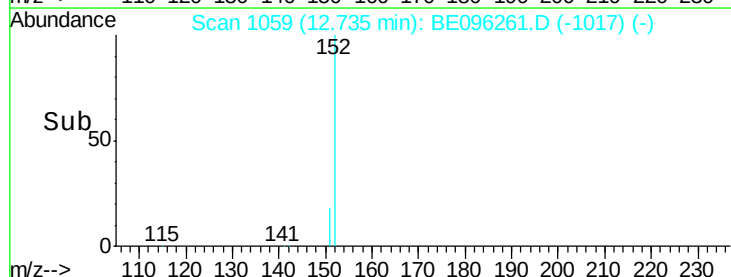
151 19.8 15.4 23.0

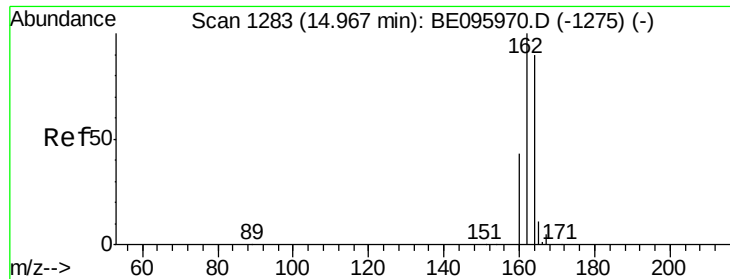


Abundance Ion 152.00 (151.70 to 152.70): BE095970.D (-1054) (-)

Ion 151.00 (150.70 to 151.70): BE095970.D (-1054) (-)

Time-->

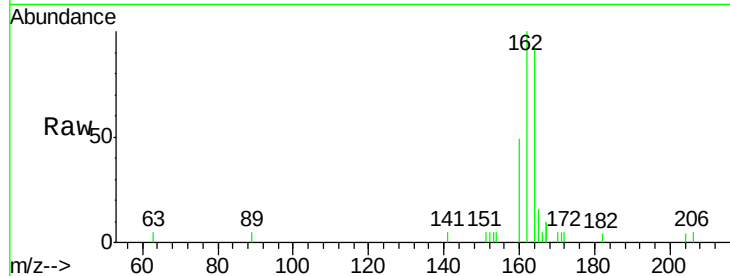




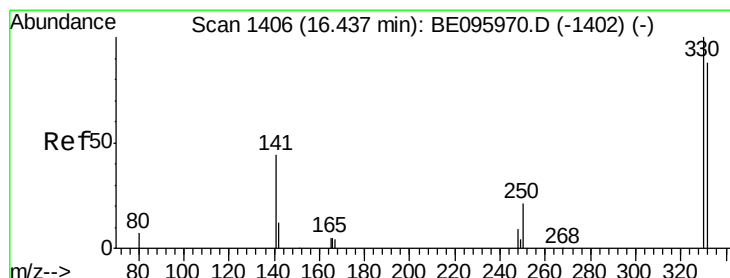
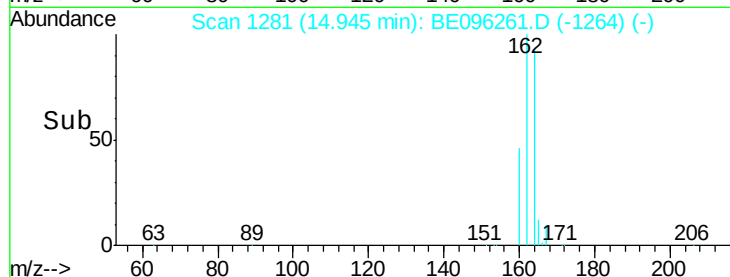
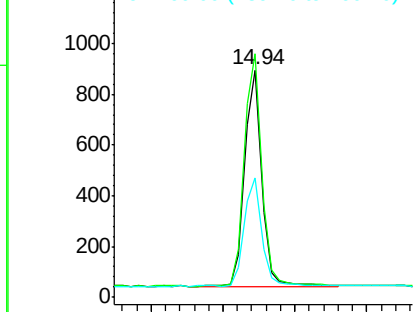
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.94 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BE096261.D
Acq: 1 May 2018 17:28

Instrument :
BNA_E
ClientSampleId :
PB108594BL

Tgt Ion:164 Resp: 1415
Ion Ratio Lower Upper
164 100
162 107.0 83.1 124.7
160 52.3 37.1 55.7

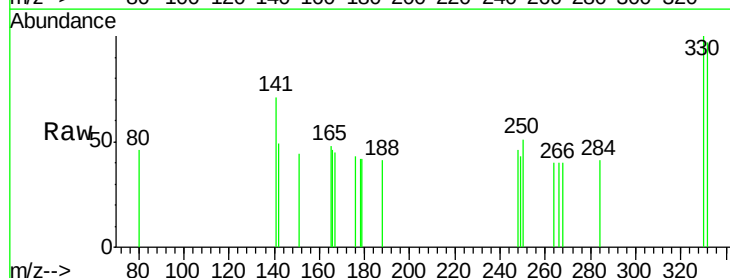


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

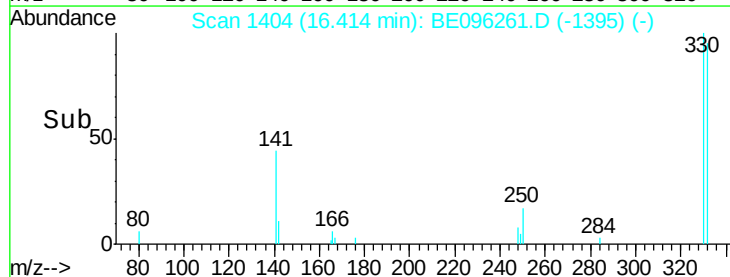
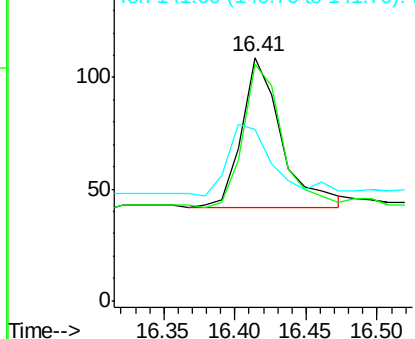


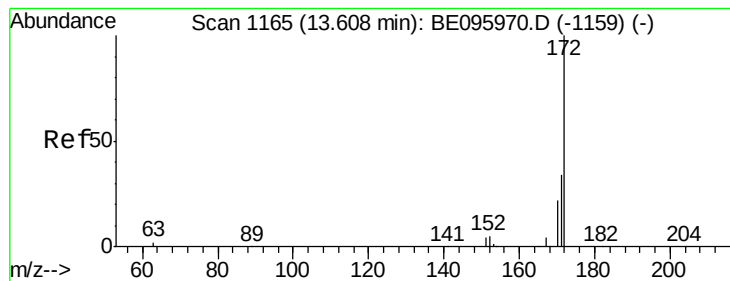
#14
2,4,6-Tribromophenol
Concen: 0.189 ng
RT: 16.41 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BE096261.D
Acq: 1 May 2018 17:28

Tgt Ion:330 Resp: 129
Ion Ratio Lower Upper
330 100
332 93.8 152.7 229.1#
141 51.2 33.7 50.5#



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

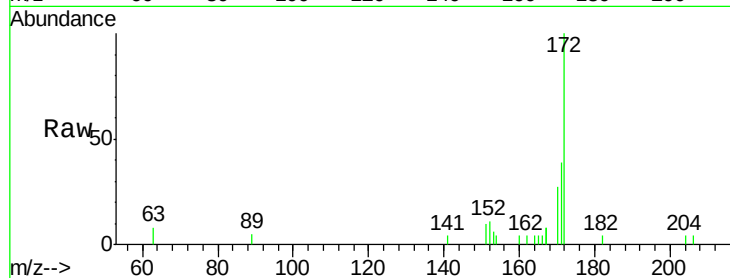




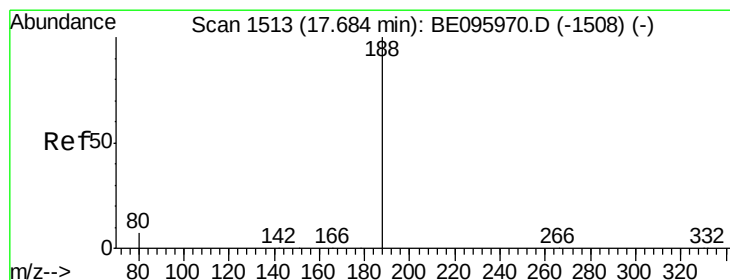
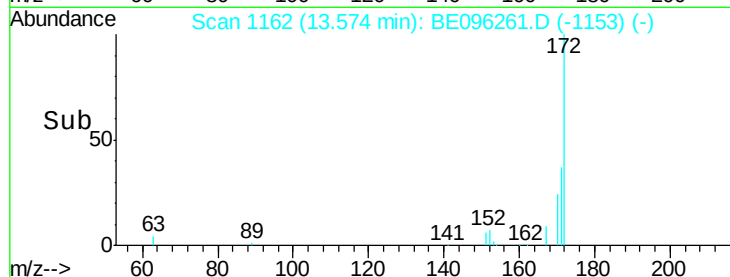
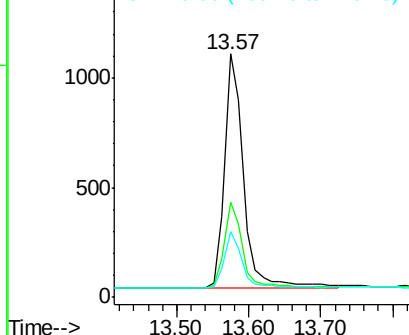
#15
2-Fluorobiphenyl
Concen: 0.321 ng
RT: 13.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE096261.D
Acq: 1 May 2018 17:28

Instrument :
BNA_E
ClientSampleId :
PB108594BL

Tgt Ion:172 Resp: 1942
Ion Ratio Lower Upper
172 100
171 39.2 29.9 44.9
170 27.1 21.8 32.8

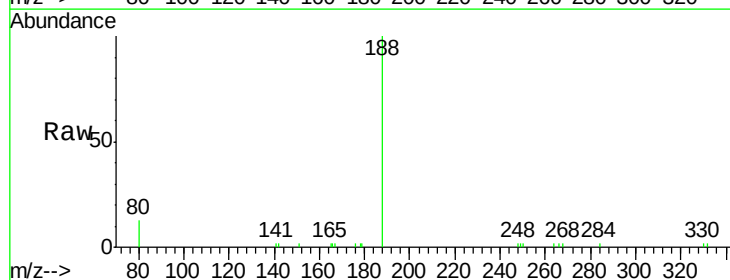


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

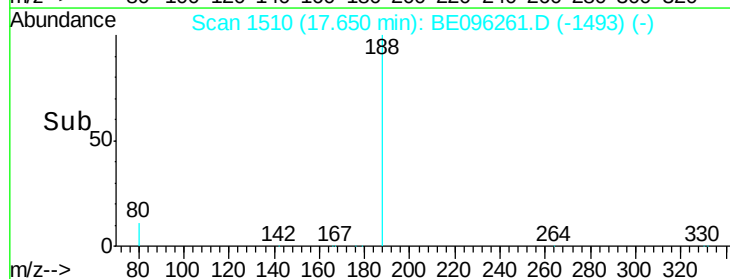
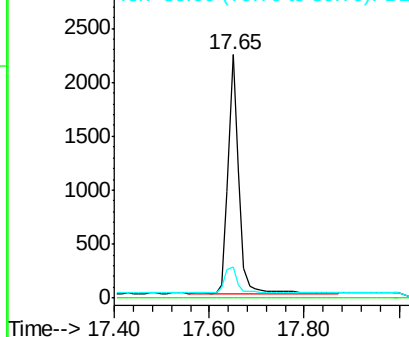


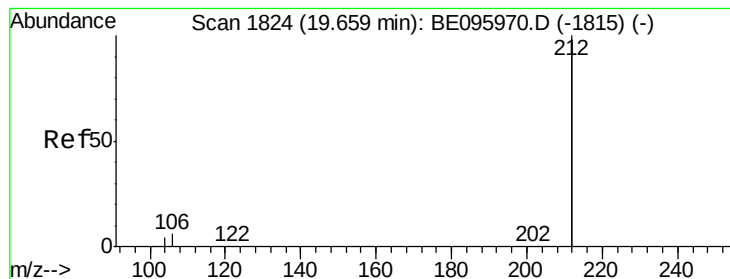
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.65 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE096261.D
Acq: 1 May 2018 17:28

Tgt Ion:188 Resp: 3411
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 12.8 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.328 ng

RT: 19.64 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BE096261.D

Acq: 1 May 2018 17:28

Instrument :

BNA_E

ClientSampleId :

PB108594BL

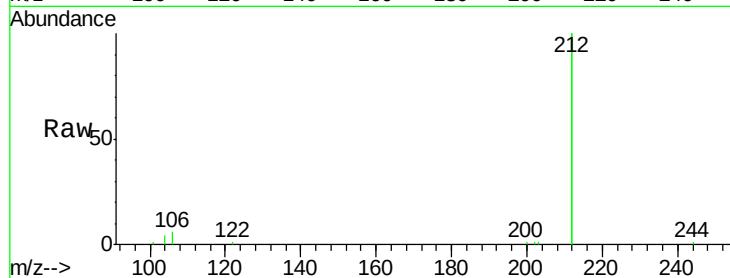
Tgt Ion:212 Resp: 15167

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

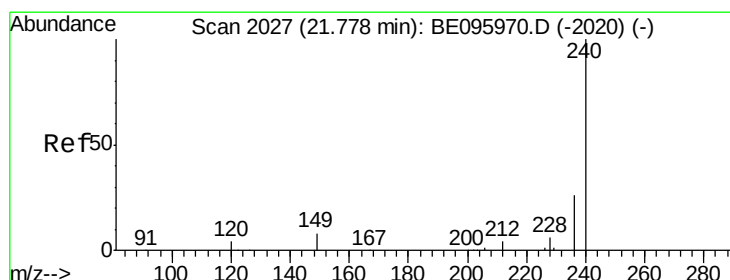
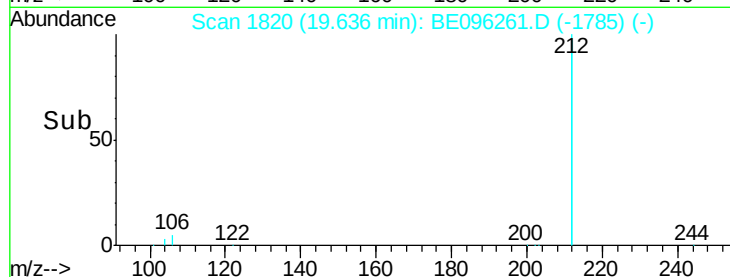
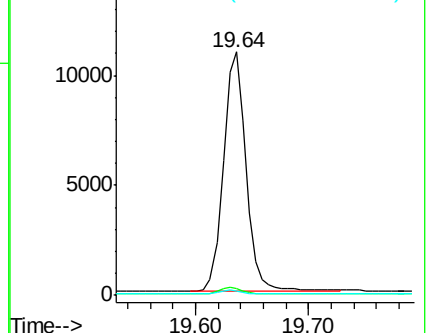
104 1.8 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.74 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BE096261.D

Acq: 1 May 2018 17:28

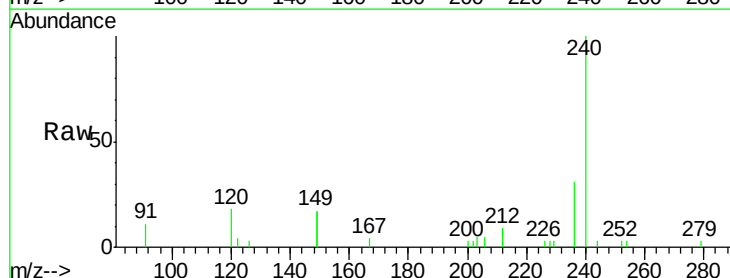
Tgt Ion:240 Resp: 3757

Ion Ratio Lower Upper

240 100

120 17.5 5.5 8.3#

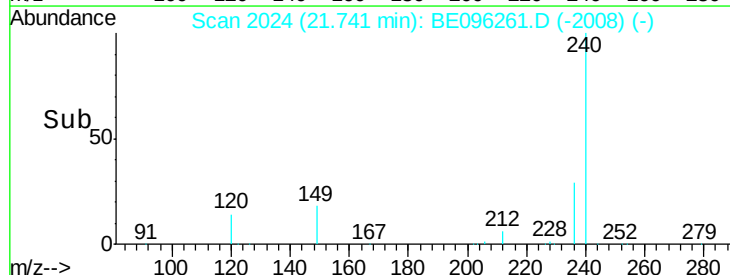
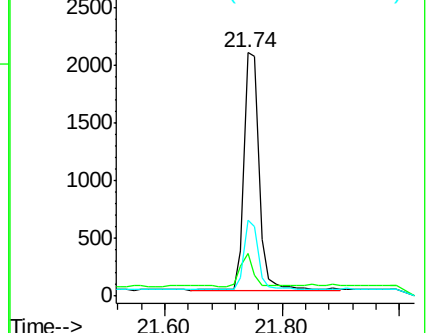
236 31.2 20.7 31.1#

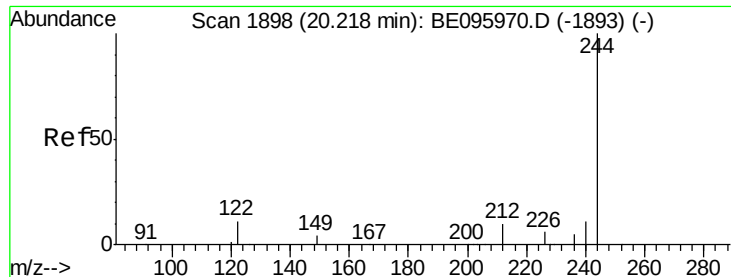


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.286 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096261.D

Acq: 1 May 2018 17:28

Instrument :

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PB108594BL

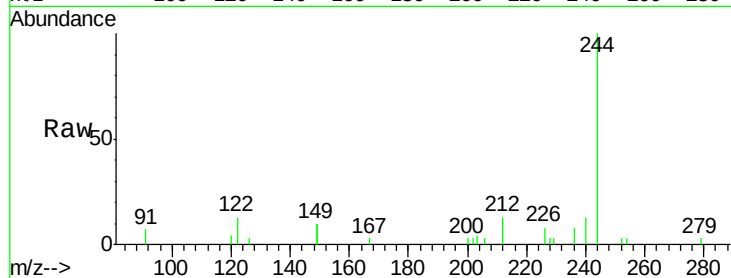
Tgt Ion:244 Resp: 2372

Ion Ratio Lower Upper

244 100

212 12.6 25.4 38.0#

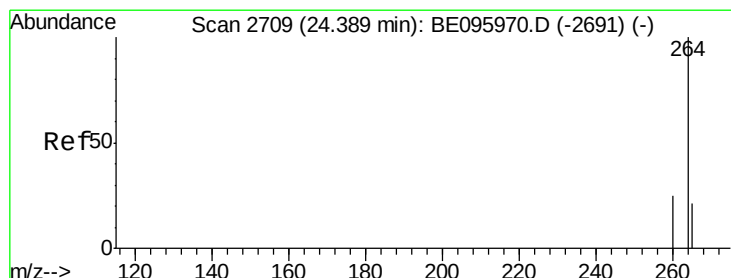
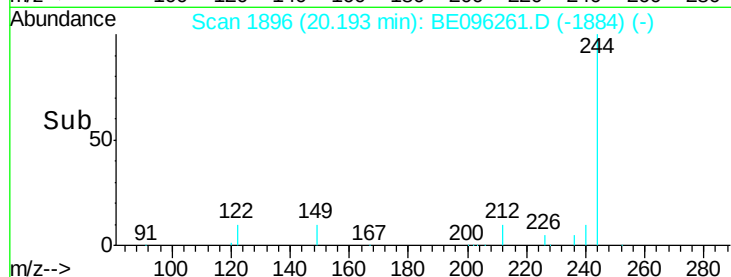
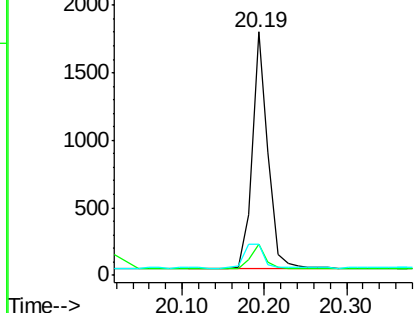
122 12.7 8.1 12.1#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.35 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BE096261.D

Acq: 1 May 2018 17:28

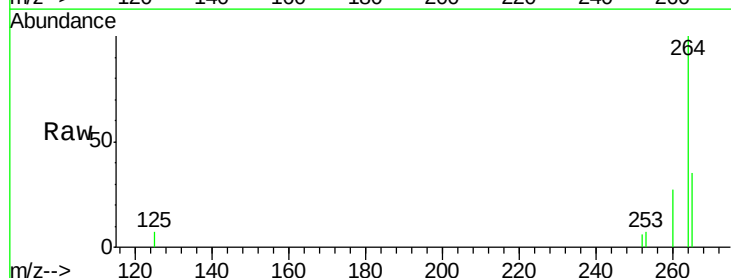
Tgt Ion:264 Resp: 3621

Ion Ratio Lower Upper

264 100

260 27.1 20.5 30.7

265 35.3 22.8 34.2#



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

