

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081518\
 Data File : BE097282.D
 Acq On : 15 Aug 2018 17:08
 Operator : SJ/JU
 Sample : PB112028BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB112028BL

Quant Time: Aug 15 17:51:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE081518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 14:23:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	987	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	4034	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	2056	0.40	ng	0.01
19) Phenanthrene-d10	16.78	188	5732	0.40	ng	0.01
27) Chrysene-d12	20.98	240	4984	0.40	ng	0.00
34) Perylene-d12	23.23	264	4685	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	1172	0.36	ng	0.00
5) Phenol-d6	6.61	99	1251	0.27	ng	0.00
8) Nitrobenzene-d5	8.53	82	1451	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	2247	0.38	ng	0.01
14) 2,4,6-Tribromophenol	15.54	330	163	0.32	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	3476	0.45	ng	0.01
25) Fluoranthene-d10	18.82	212	24451	0.43	ng	0.00
29) Terphenyl-d14	19.44	244	3892	0.42	ng	0.00

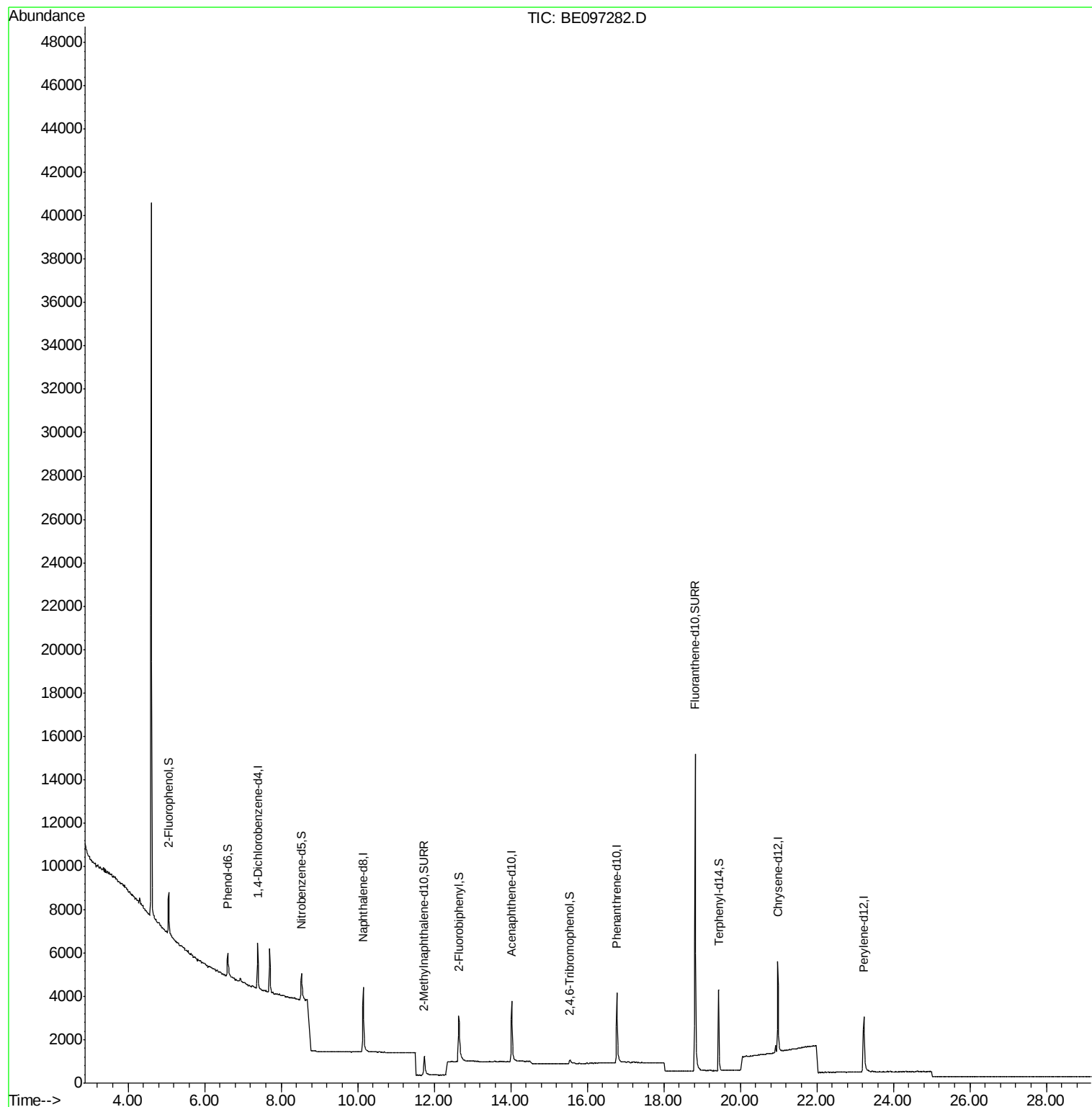
Target Compounds	Qvalue
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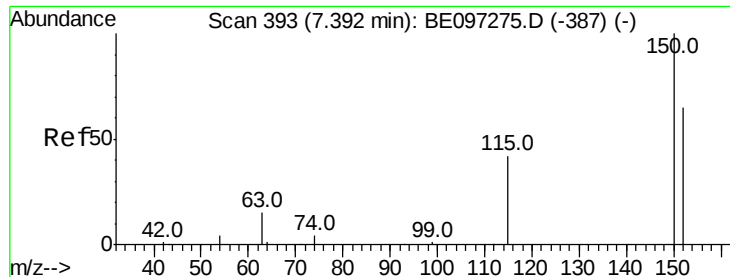
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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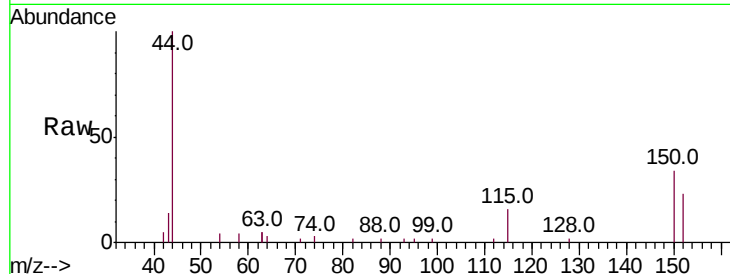


#1

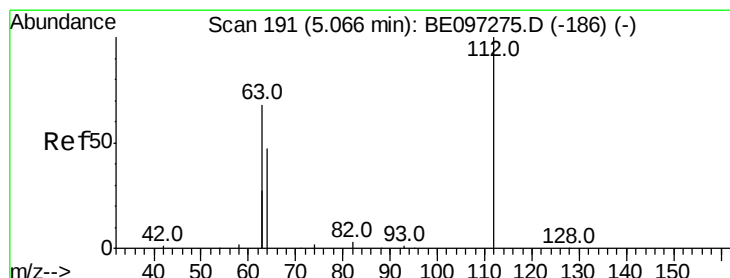
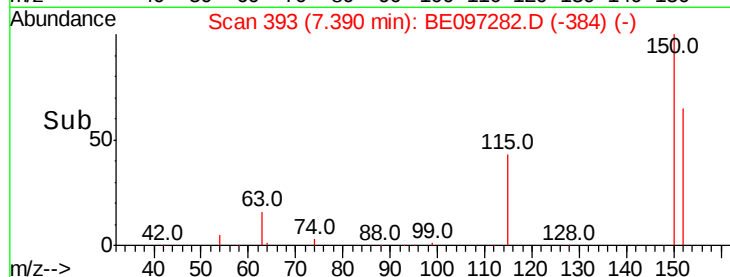
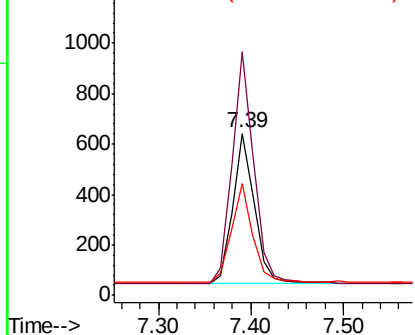
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097282.D
Acq: 15 Aug 2018 17:08

Instrument :
BNA_E
ClientSampleId :
PB112028BL

Tot Ion:152 Resp: 987
Ion Ratio Lower Upper
152 100
150 150.5 117.2 175.8
115 69.0 57.0 85.6



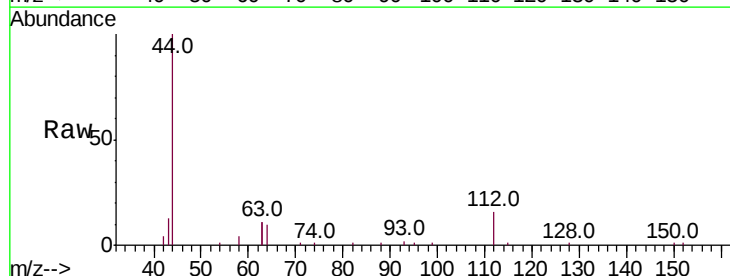
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



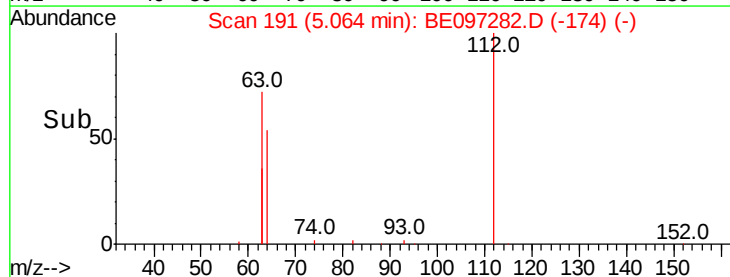
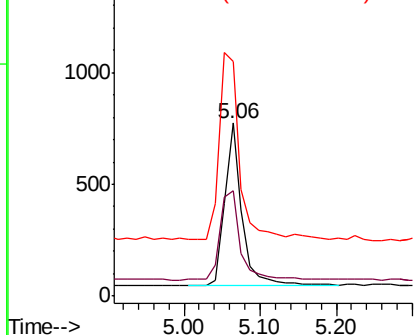
#4

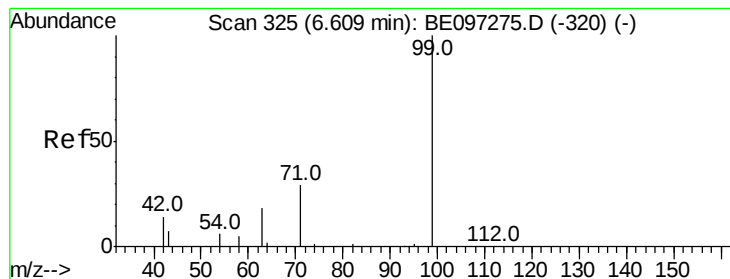
2-Fluorophenol
Concen: 0.361 ng
RT: 5.06 min Scan# 191
Delta R.T. -0.00 min
Lab File: BE097282.D
Acq: 15 Aug 2018 17:08

Tgt Ion:112 Resp: 1172
Ion Ratio Lower Upper
112 100
64 65.4 60.1 90.1
63 128.4 116.8 175.2



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





#5

Phenol-d6

Concen: 0.270 ng

RT: 6.61 min Scan# 325

Delta R.T. -0.00 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

Instrument :

BNA_E

ClientSampleId :

PB112028BL

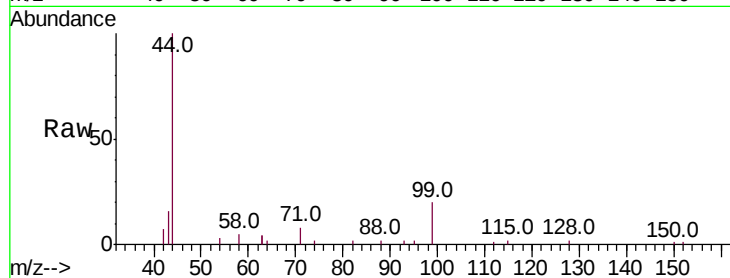
Tot Ion: 99 Resp: 1251

Ion Ratio Lower Upper

99 100

42 20.6 20.2 30.2

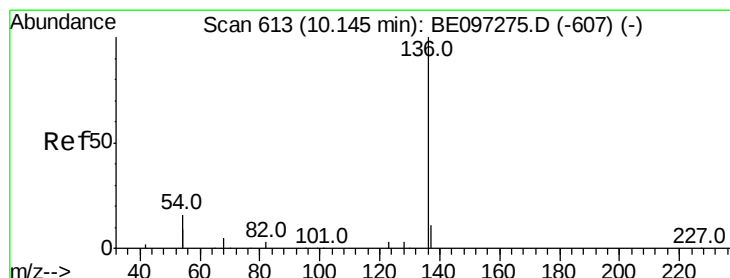
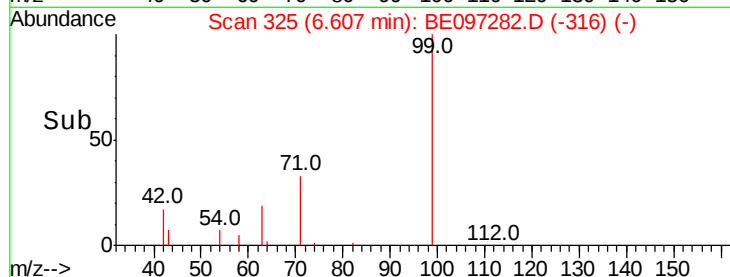
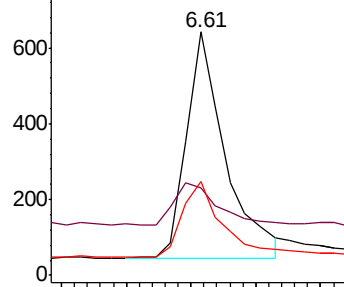
71 34.0 28.4 42.6



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

Tgt Ion: 136 Resp: 4034

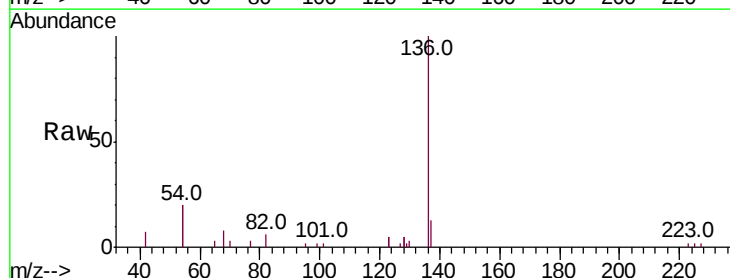
Ion Ratio Lower Upper

136 100

137 13.2 9.5 14.3

54 39.4 29.1 43.7

68 8.3 6.2 9.2

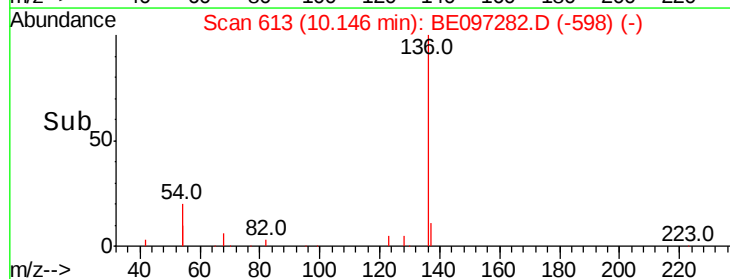
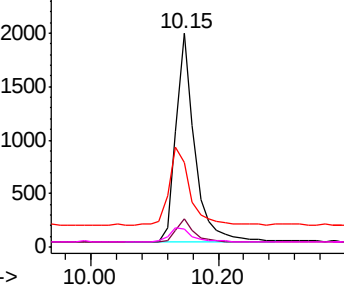


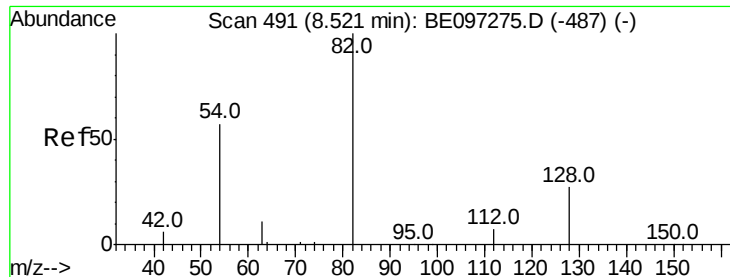
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.393 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

Instrument :

BNA_E

ClientSampleId :

PB112028BL

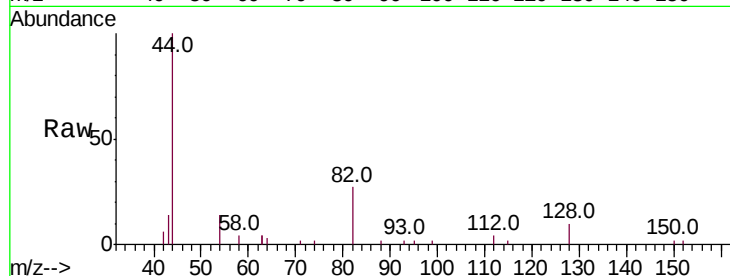
Tot Ion: 82 Resp: 1451

Ion Ratio Lower Upper

82 100

128 35.9 24.0 36.0

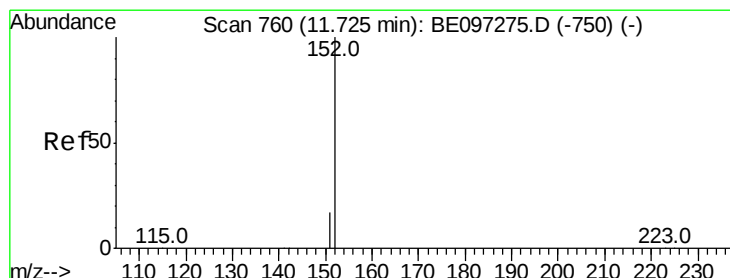
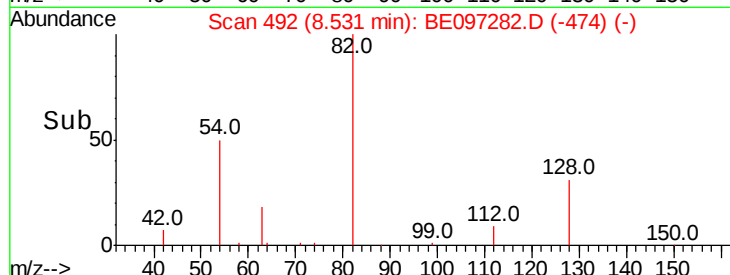
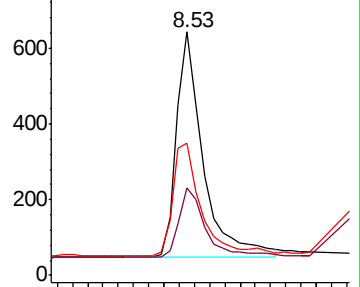
54 54.4 40.0 60.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.383 ng

RT: 11.74 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE097282.D

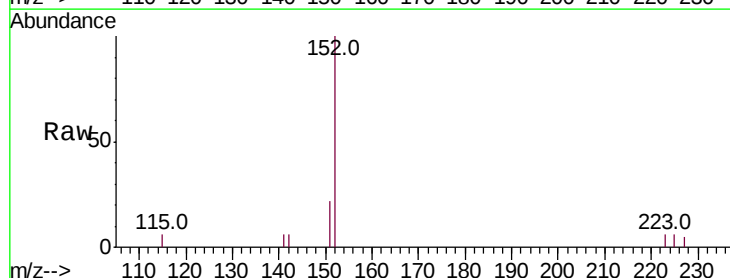
Acq: 15 Aug 2018 17:08

Tgt Ion:152 Resp: 2247

Ion Ratio Lower Upper

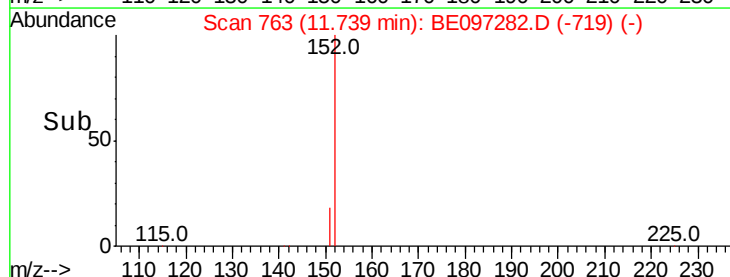
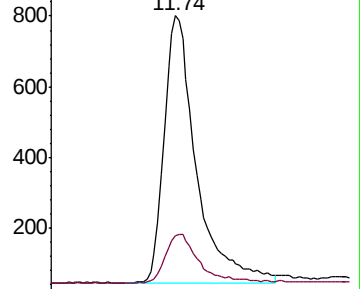
152 100

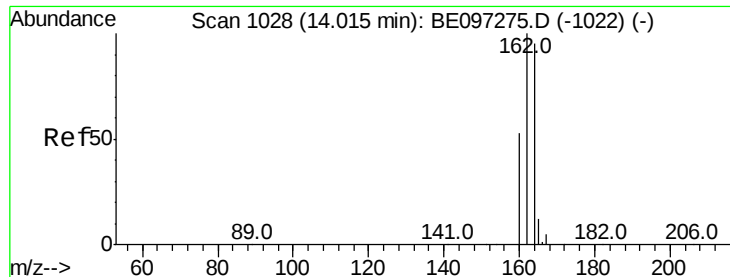
151 19.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

Instrument :

BNA_E

ClientSampleId :

PB112028BL

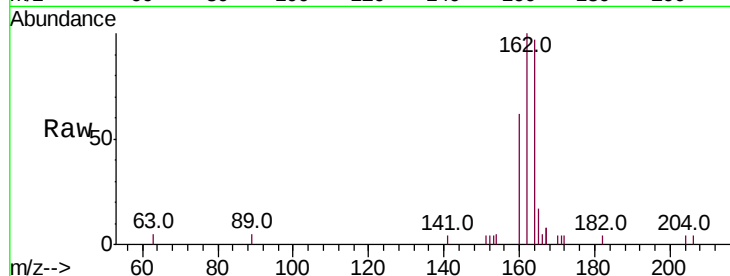
Tot Ion:164 Resp: 2056

Ion Ratio Lower Upper

164 100

162 102.7 83.1 124.7

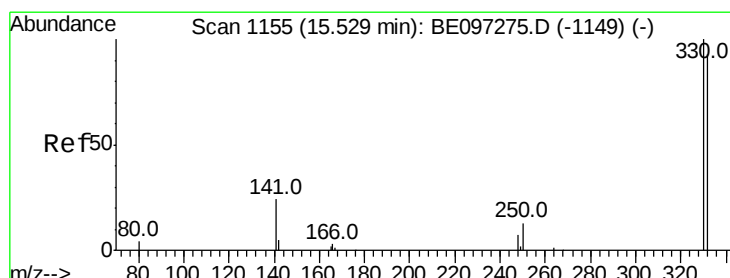
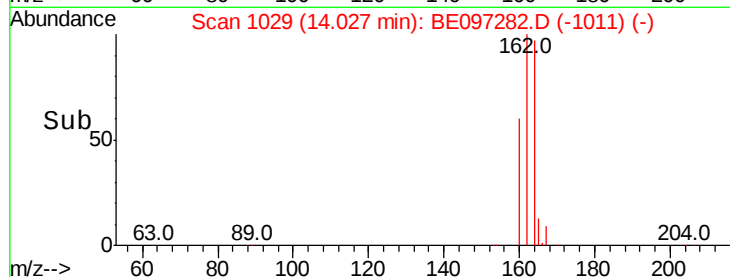
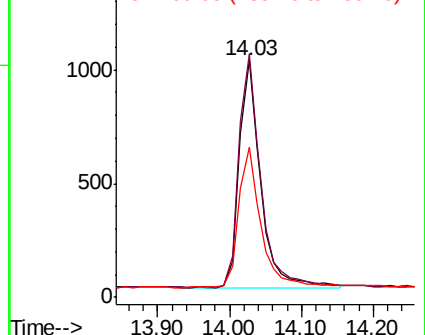
160 63.2 37.1 55.7#



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: 0.316 ng

RT: 15.54 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

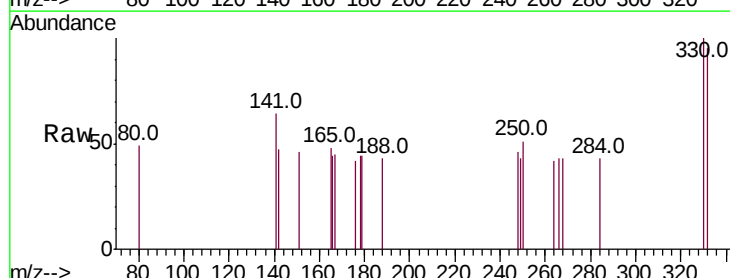
Tgt Ion:330 Resp: 163

Ion Ratio Lower Upper

330 100

332 93.3 152.7 229.1#

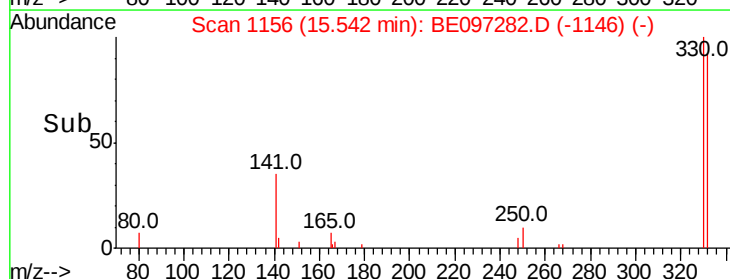
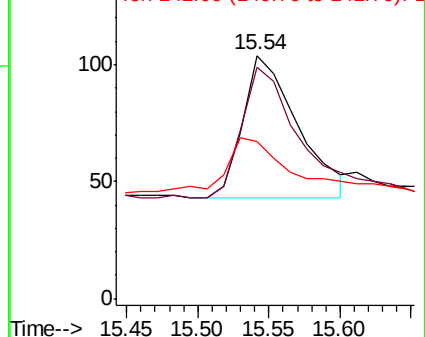
141 39.3 33.7 50.5

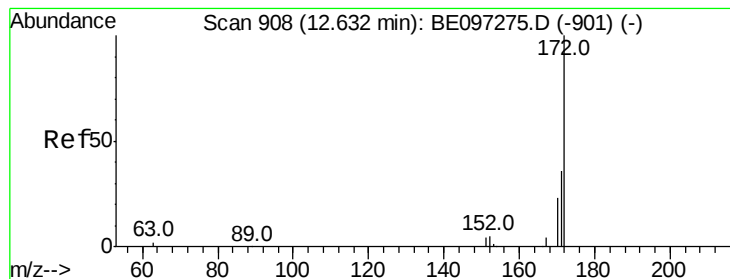


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.450 ng

RT: 12.64 min Scan# 909

Delta R.T. 0.01 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

Instrument :

BNA_E

ClientSampleId :

PB112028BL

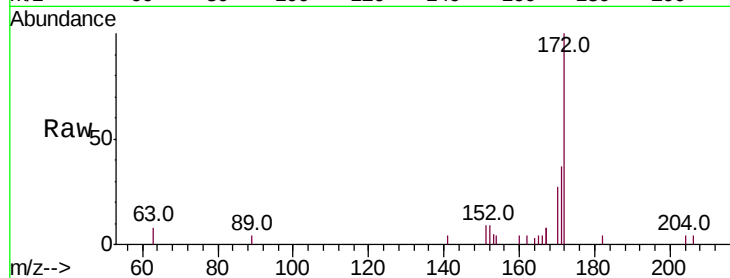
Tot Ion:172 Resp: 3476

Ion Ratio Lower Upper

172 100

171 37.1 29.9 44.9

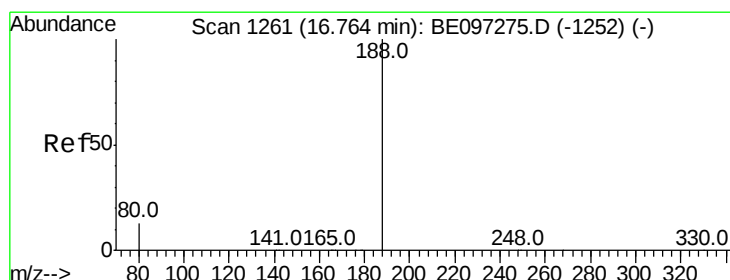
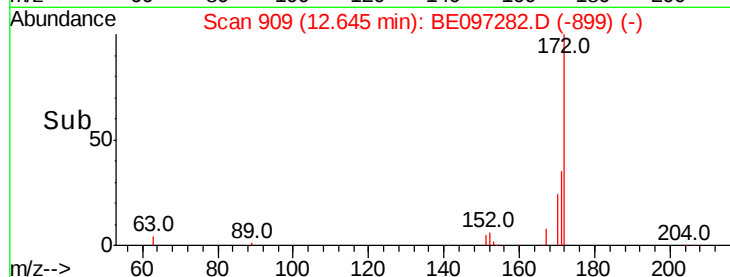
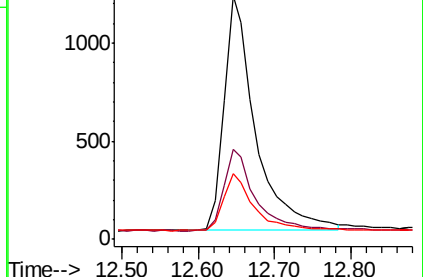
170 26.9 21.8 32.8



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: 16.78 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

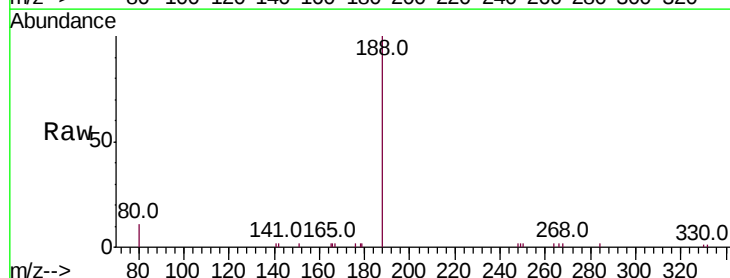
Tgt Ion:188 Resp: 5732

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

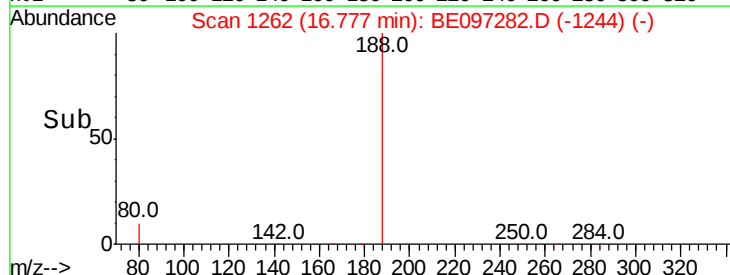
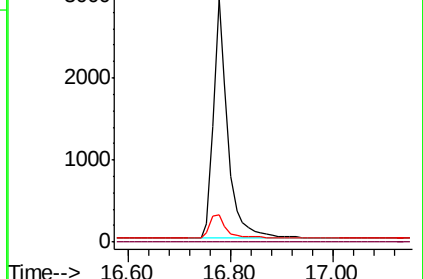
80 11.5 3.6 5.4#

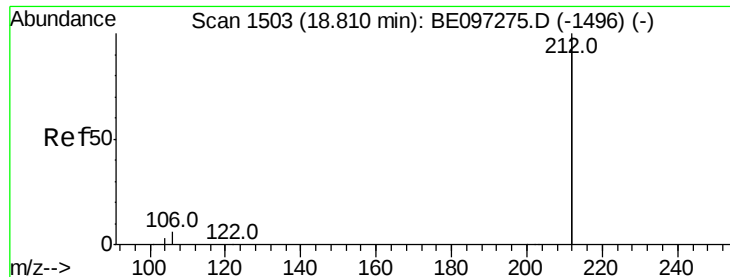


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.427 ng

RT: 18.82 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

Instrument :

BNA_E

ClientSampleId :

PB112028BL

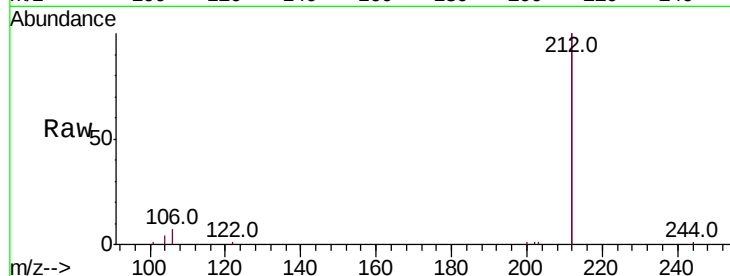
Tot Ion:212 Resp: 24451

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

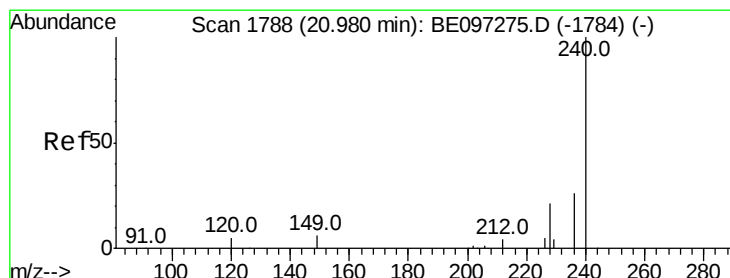
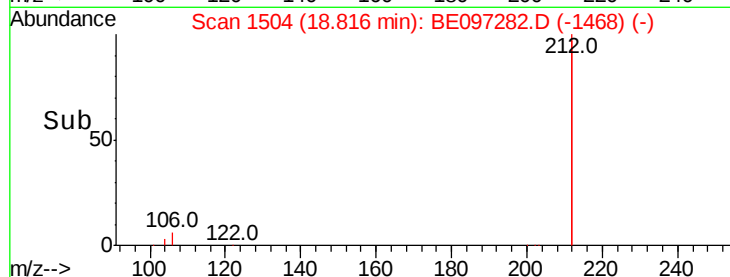
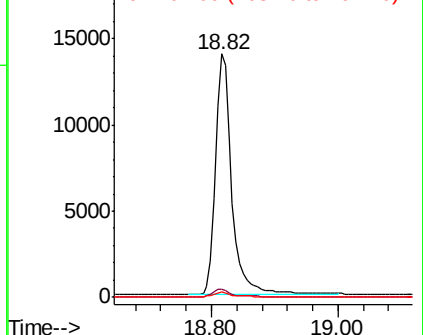
104 1.7 1.6 2.4



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: 20.98 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

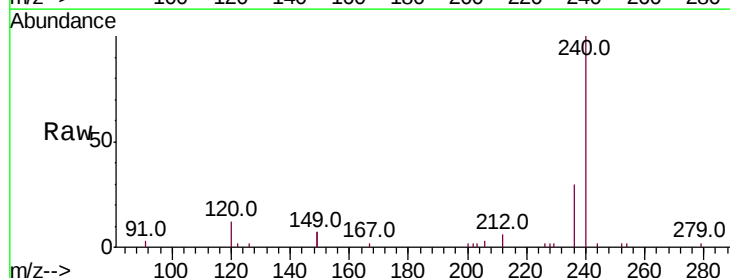
Tgt Ion:240 Resp: 4984

Ion Ratio Lower Upper

240 100

120 12.1 5.5 8.3#

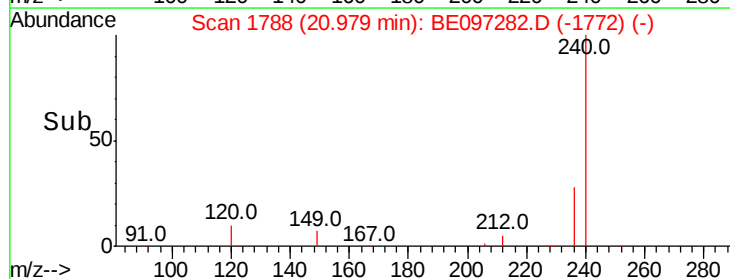
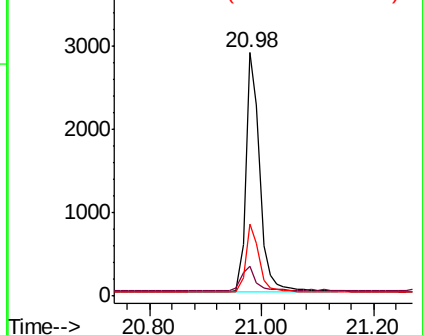
236 29.5 20.7 31.1

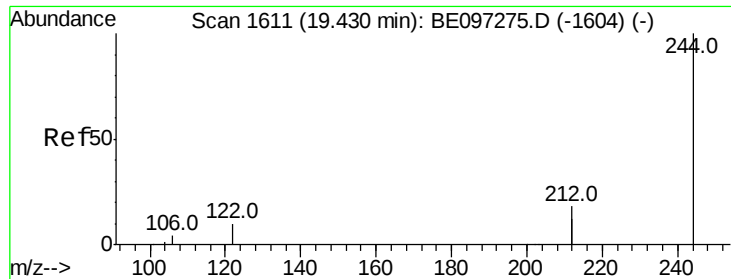


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.416 ng

RT: 19.44 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

Instrument :

BNA_E

ClientSampleId :

PB112028BL

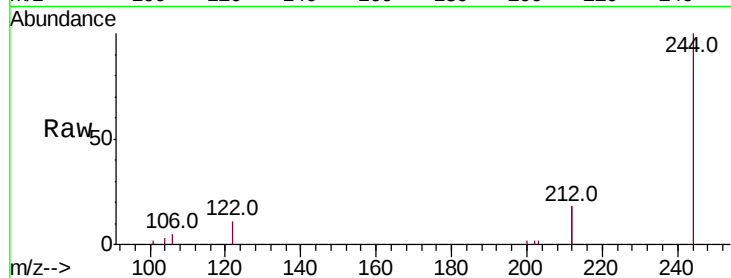
Tot Ion:244 Resp: 3892

Ion Ratio Lower Upper

244 100

212 35.9 25.4 38.0

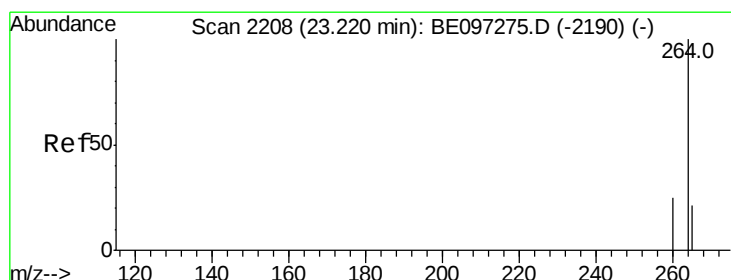
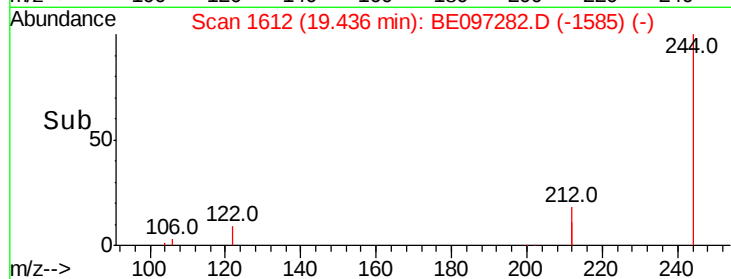
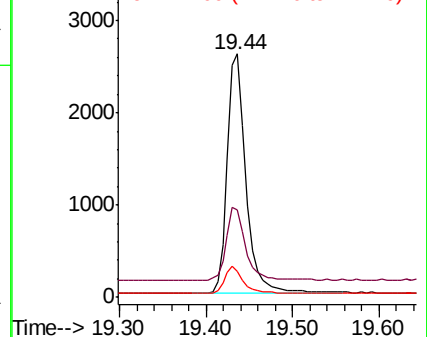
122 10.8 8.1 12.1



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: 23.23 min Scan# 2210

Delta R.T. 0.01 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

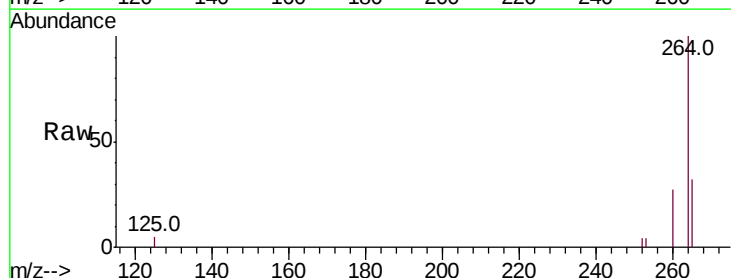
Tgt Ion:264 Resp: 4685

Ion Ratio Lower Upper

264 100

260 26.8 20.5 30.7

265 31.6 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

