

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072618\
 Data File : BE097105.D
 Acq On : 26 Jul 2018 16:36
 Operator : SJ/JU
 Sample : PB111214BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB111214BL

Quant Time: Jul 27 03:42:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 13:24:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1086	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5183	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	3051	0.40	ng	0.01
19) Phenanthrene-d10	16.78	188	8679	0.40	ng	0.01
27) Chrysene-d12	20.98	240	6128	0.40	ng	0.00
34) Perylene-d12	23.22	264	5108	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	842	0.28	ng	0.00
5) Phenol-d6	6.59	99	1088	0.24	ng	0.00
8) Nitrobenzene-d5	8.53	82	1531	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	2883	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.54	330	178	0.18	ng	0.02
15) 2-Fluorobiphenyl	12.64	172	4043	0.38	ng	0.01
25) Fluoranthene-d10	18.81	212	33360	0.38	ng	0.00
29) Terphenyl-d14	19.43	244	4857	0.41	ng	0.00

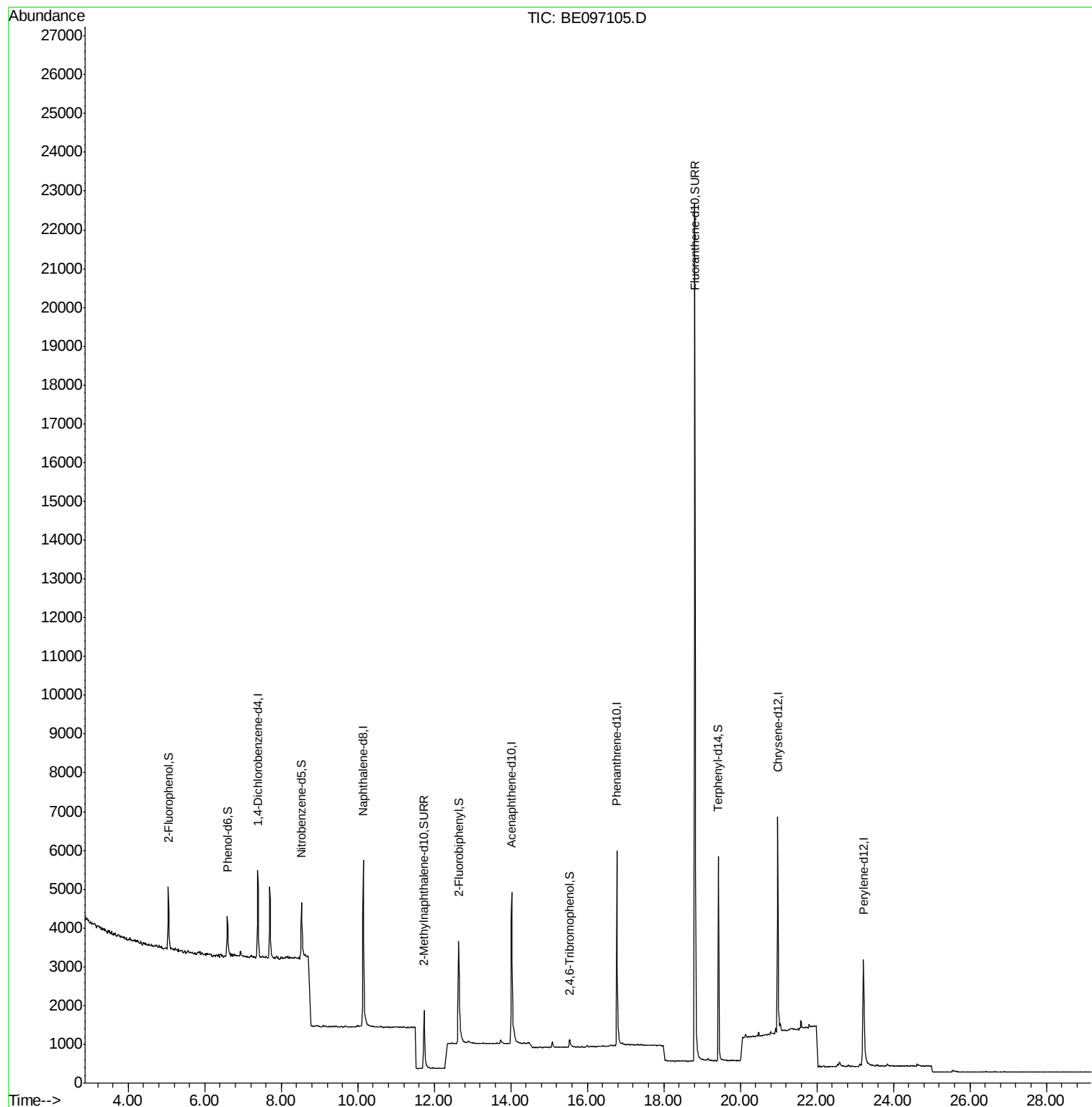
Target Compounds	Qvalue
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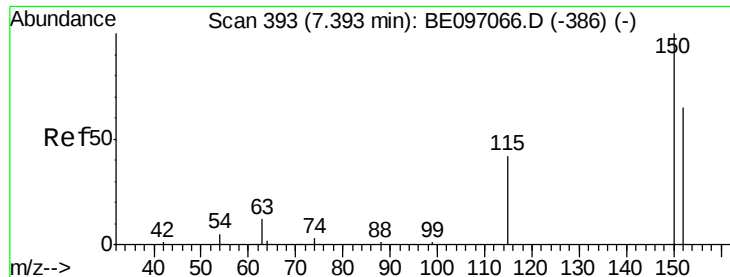
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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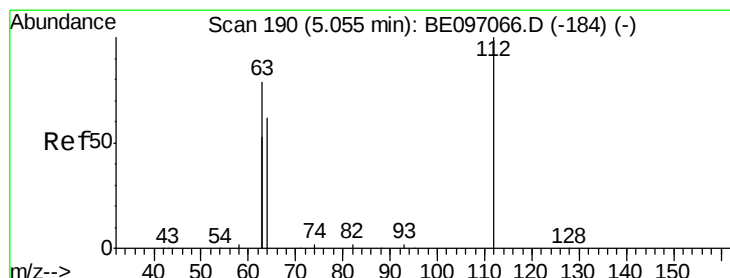
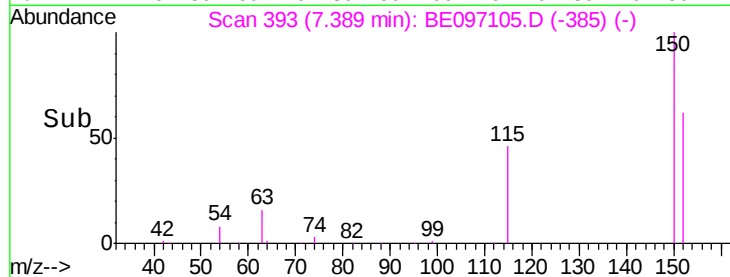
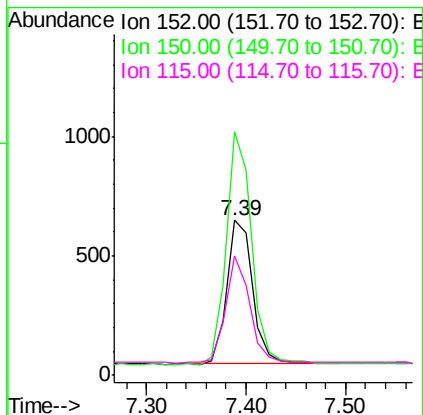
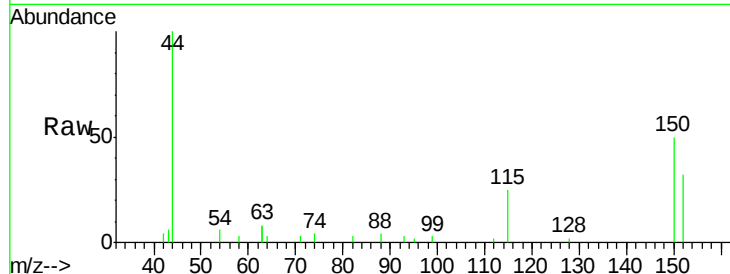


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097105.D
Acq: 26 Jul 2018 16:36

Instrument :
BNA_E
ClientSampleId :
PB111214BL

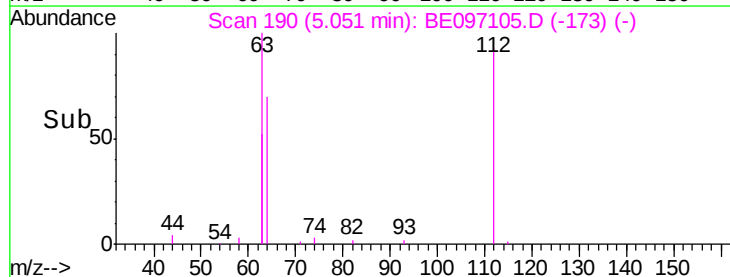
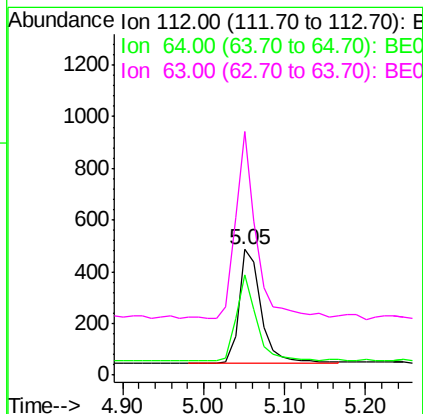
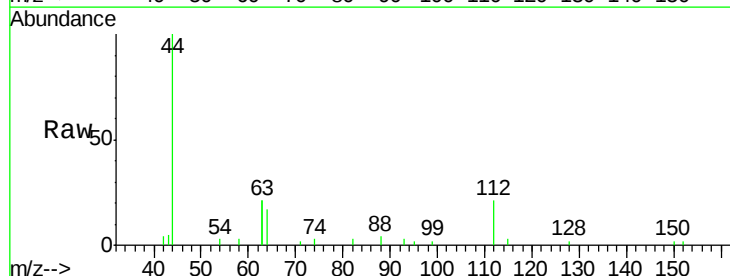
Tgt Ion:152 Resp: 1086
Ion Ratio Lower Upper
152 100
150 157.3 117.2 175.8
115 76.9 57.0 85.6

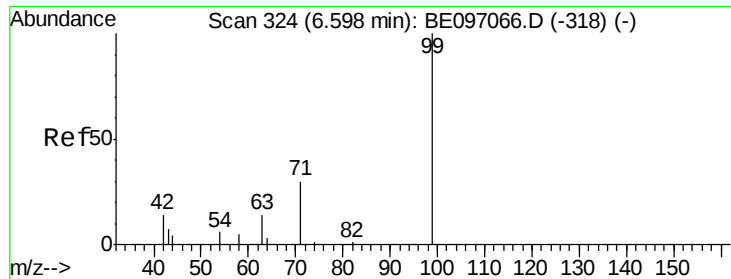


#4

2-Fluorophenol
Concen: 0.276 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097105.D
Acq: 26 Jul 2018 16:36

Tgt Ion:112 Resp: 842
Ion Ratio Lower Upper
112 100
64 68.9 60.1 90.1
63 152.5 116.8 175.2





#5

Phenol-d6

Concen: 0.243 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097105.D

Acq: 26 Jul 2018 16:36

Instrument :

BNA_E

ClientSampleId :

PB111214BL

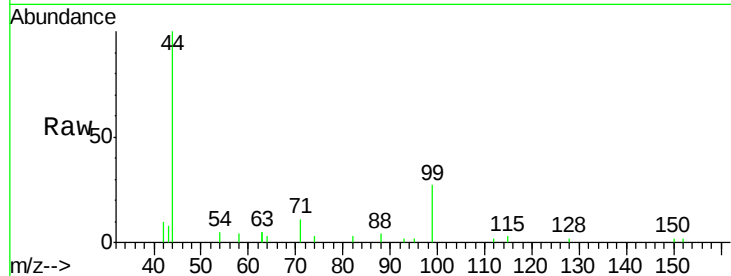
Tgt Ion: 99 Resp: 1088

Ion Ratio Lower Upper

99 100

42 23.6 20.2 30.2

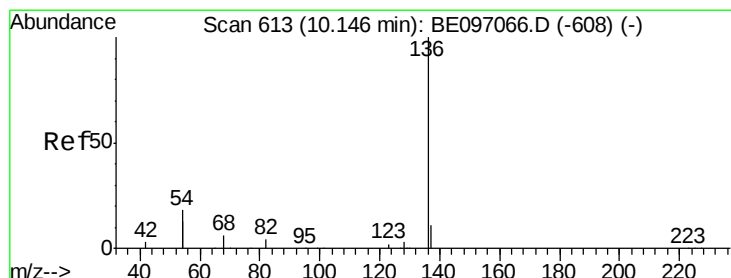
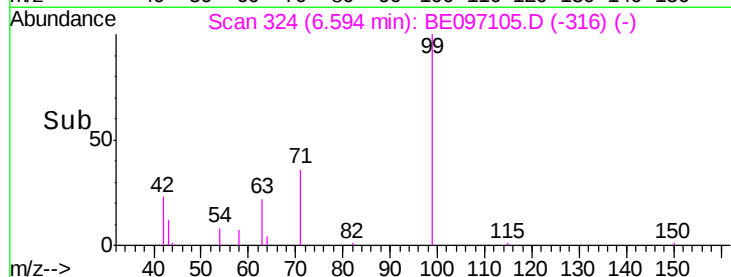
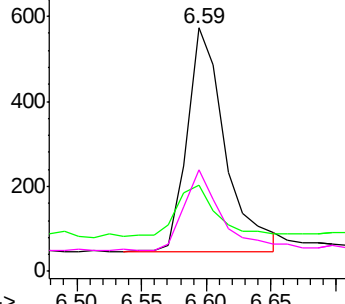
71 35.8 28.4 42.6



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# 614

Delta R.T. 0.00 min

Lab File: BE097105.D

Acq: 26 Jul 2018 16:36

Tgt Ion: 136 Resp: 5183

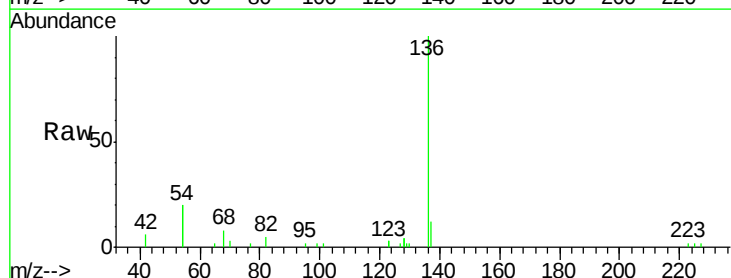
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 39.1 29.1 43.7

68 7.6 6.2 9.2

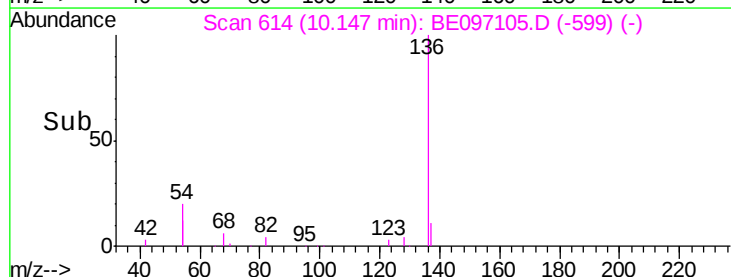
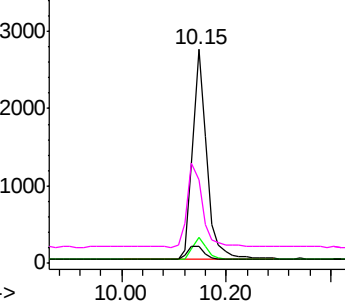


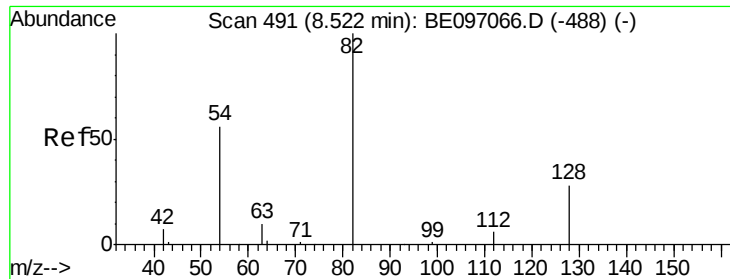
Abundance Ion 136.00 (135.70 to 136.70): E

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

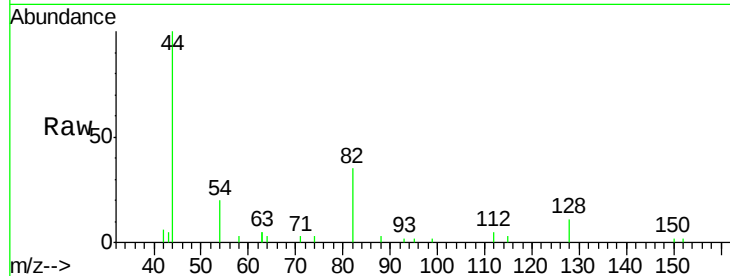




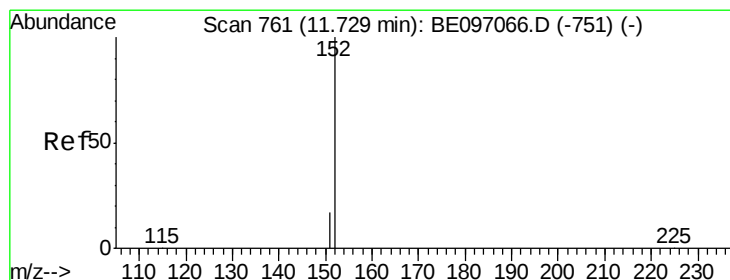
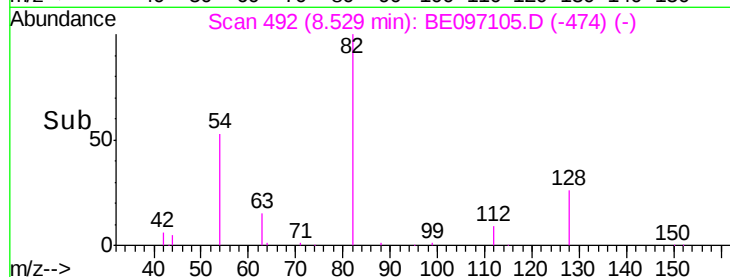
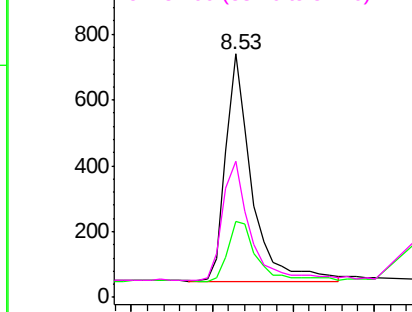
#8
 Nitrobenzene-d5
 Concen: 0.340 ng
 RT: 8.53 min Scan# 492
 Delta R.T. 0.01 min
 Lab File: BE097105.D
 Acq: 26 Jul 2018 16:36

Instrument :
 BNA_E
 ClientSampleId :
 PB111214BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.1	24.0	36.0
54	56.1	40.0	60.0

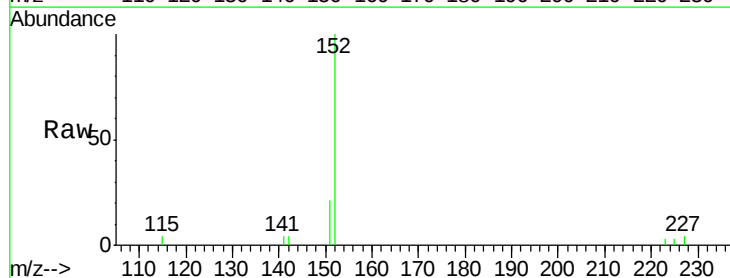


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

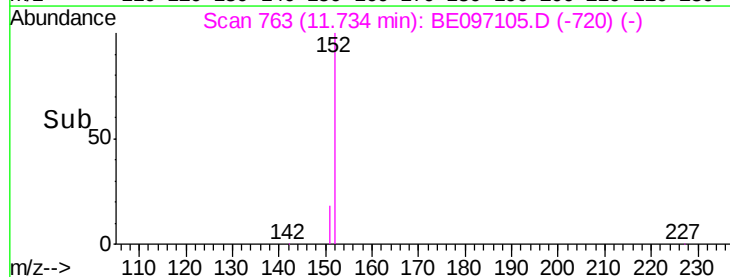
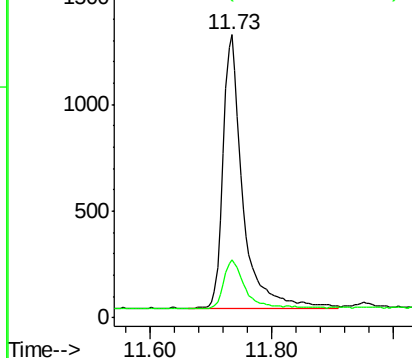


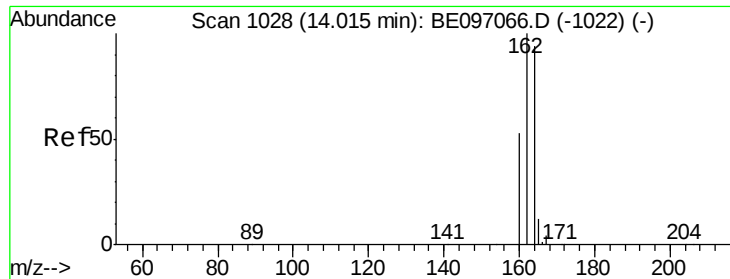
#11
 2-Methylnaphthalene-d10
 Concen: 0.372 ng
 RT: 11.73 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BE097105.D
 Acq: 26 Jul 2018 16:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	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: BE097105.D

Acq: 26 Jul 2018 16:36

Instrument :

BNA_E

ClientSampleId :

PB111214BL

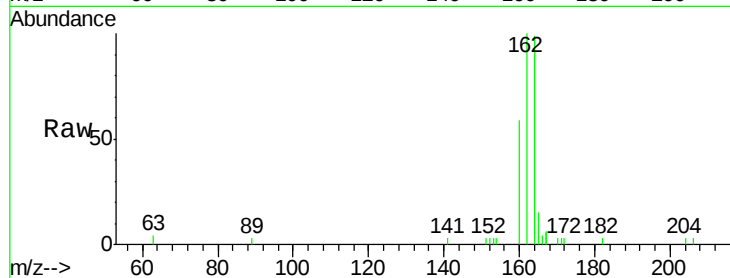
Tgt Ion:164 Resp: 3051

Ion Ratio Lower Upper

164 100

162 101.3 83.1 124.7

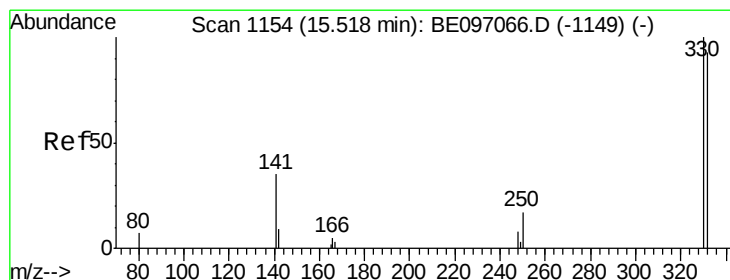
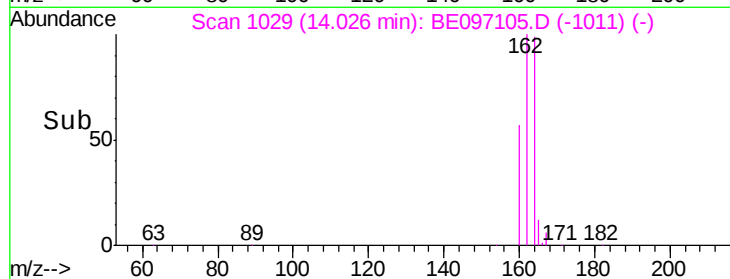
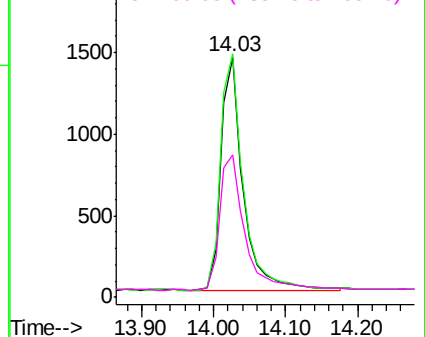
160 59.5 37.1 55.7#



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: 0.177 ng

RT: 15.54 min Scan# 1156

Delta R.T. 0.02 min

Lab File: BE097105.D

Acq: 26 Jul 2018 16:36

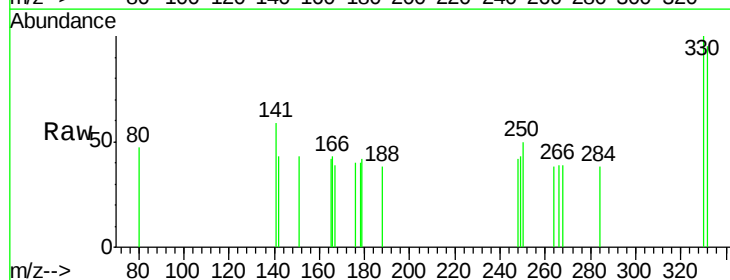
Tgt Ion:330 Resp: 178

Ion Ratio Lower Upper

330 100

332 96.1 152.7 229.1#

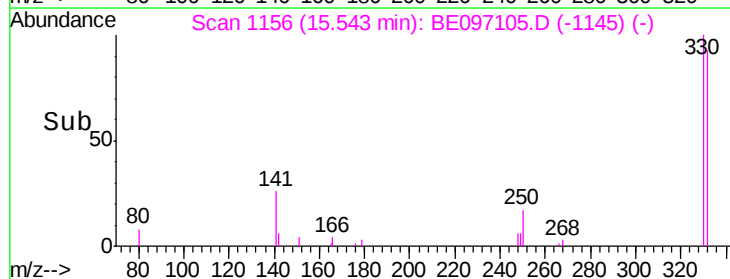
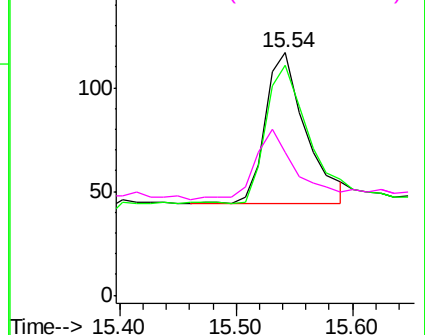
141 42.1 33.7 50.5

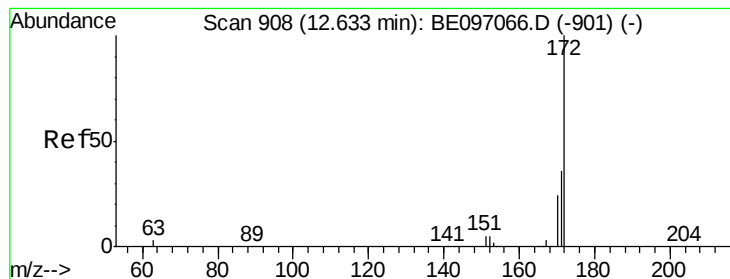


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.384 ng

RT: 12.64 min Scan# 909

Delta R.T. 0.01 min

Lab File: BE097105.D

Acq: 26 Jul 2018 16:36

Instrument :

BNA_E

ClientSampleId :

PB111214BL

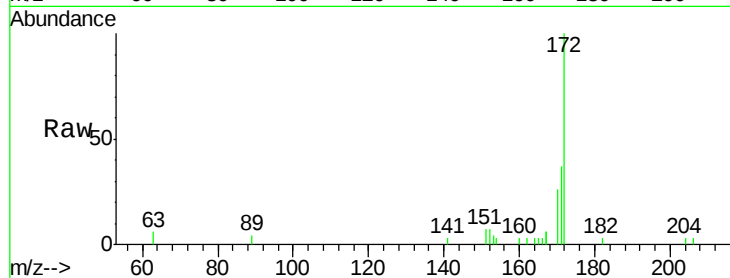
Tgt Ion:172 Resp: 4043

Ion Ratio Lower Upper

172 100

171 36.7 29.9 44.9

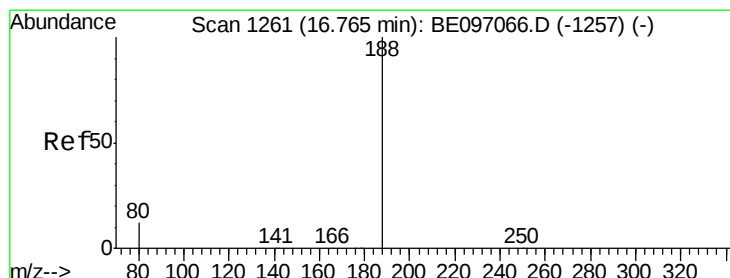
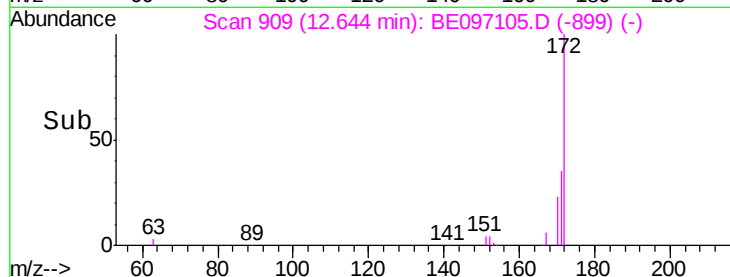
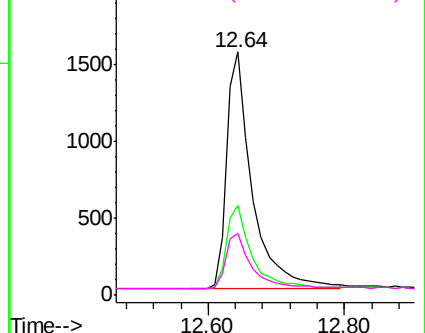
170 25.7 21.8 32.8



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: BE097105.D

Acq: 26 Jul 2018 16:36

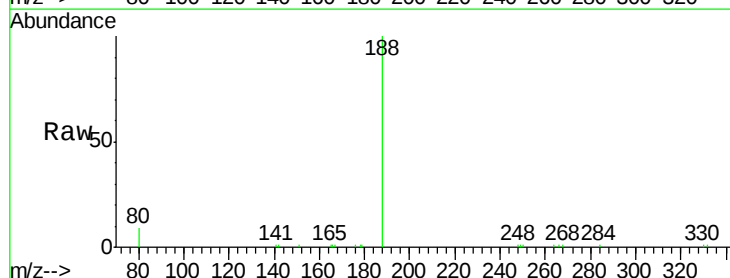
Tgt Ion:188 Resp: 8679

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

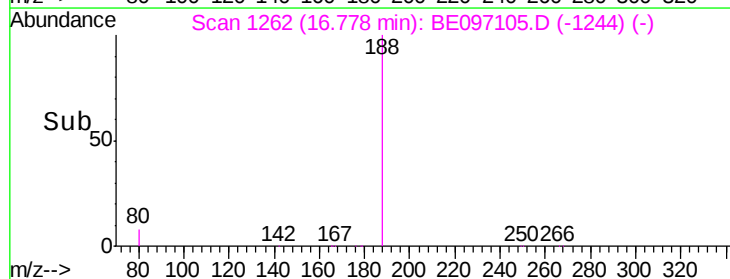
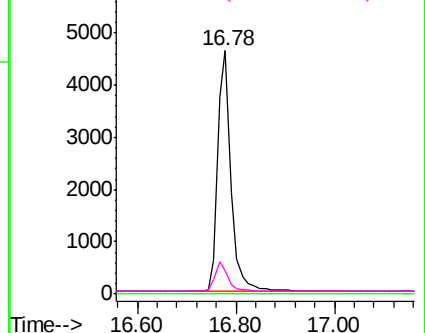
80 9.5 3.6 5.4#

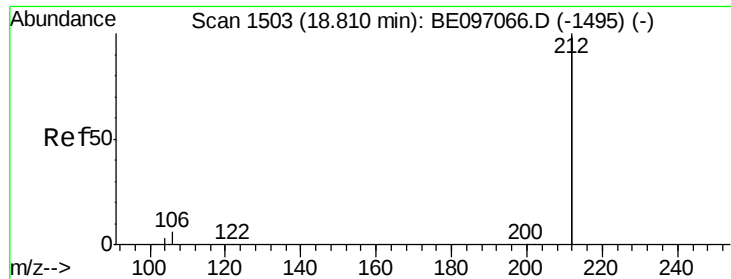


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.384 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE097105.D

Acq: 26 Jul 2018 16:36

Instrument :

BNA_E

ClientSampled :

PB111214BL

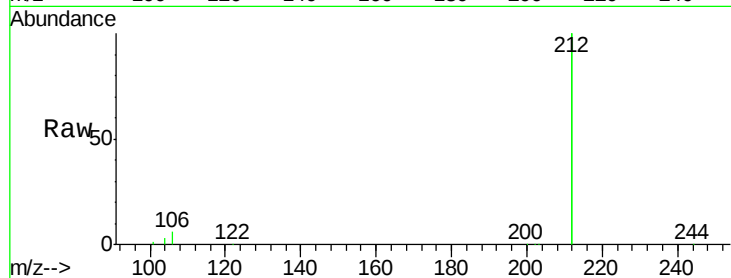
Tgt Ion:212 Resp: 33360

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

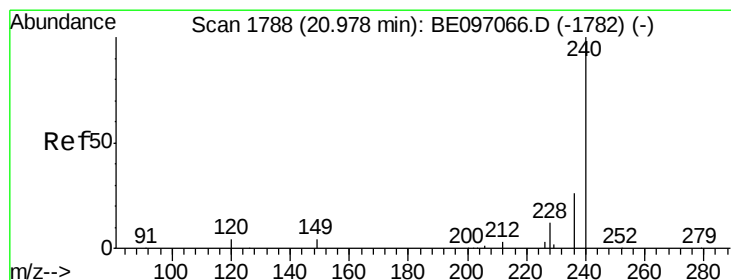
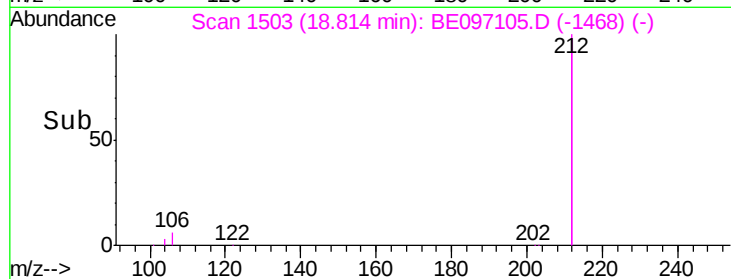
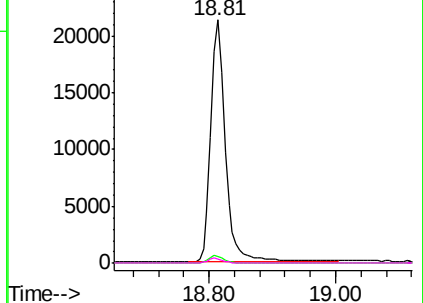
104 1.6 1.6 2.4



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# 1787

Delta R.T. 0.00 min

Lab File: BE097105.D

Acq: 26 Jul 2018 16:36

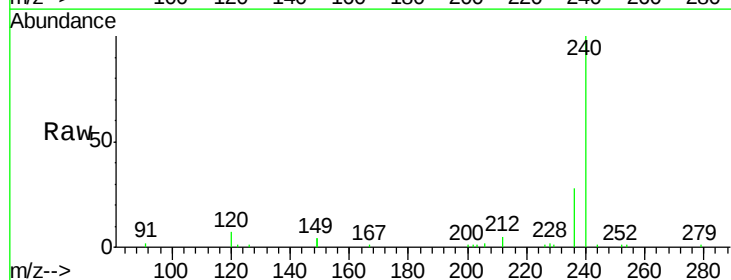
Tgt Ion:240 Resp: 6128

Ion Ratio Lower Upper

240 100

120 7.3 5.5 8.3

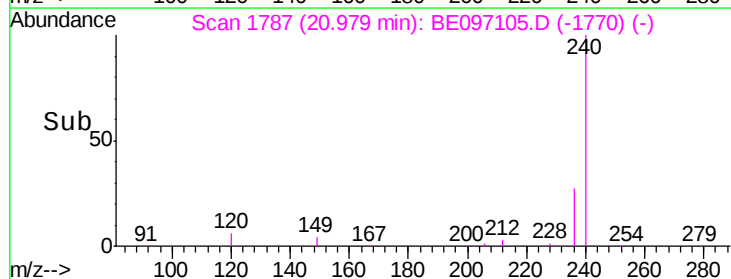
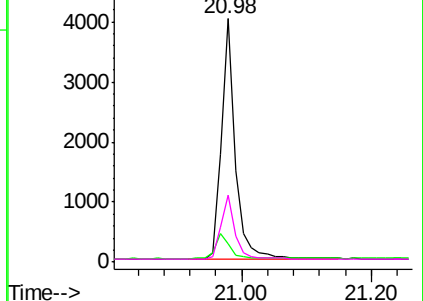
236 27.5 20.7 31.1

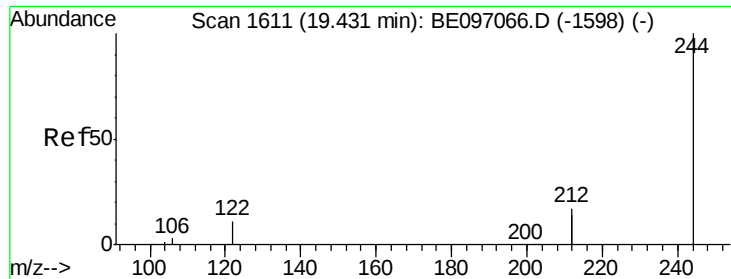


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.413 ng

RT: 19.43 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE097105.D

Acq: 26 Jul 2018 16:36

Instrument :

BNA_E

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PB111214BL

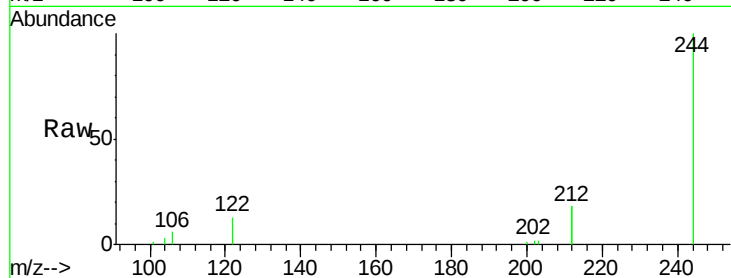
Tgt Ion:244 Resp: 4857

Ion Ratio Lower Upper

244 100

212 36.2 25.4 38.0

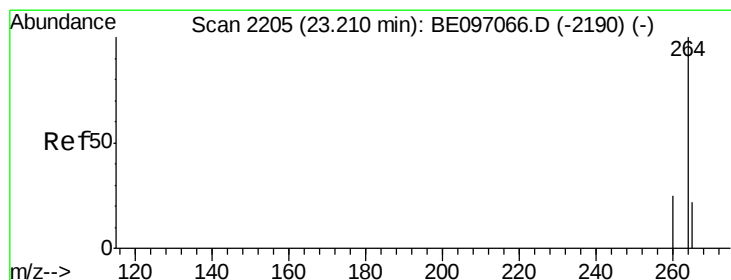
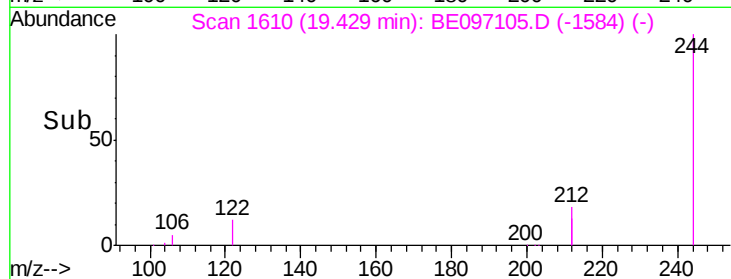
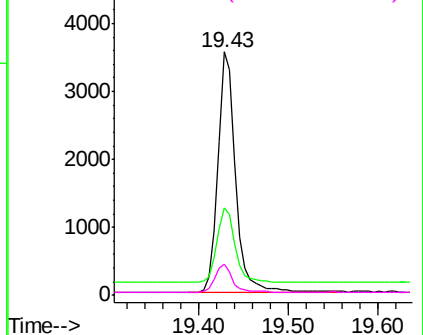
122 12.7 8.1 12.1#



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: 23.22 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BE097105.D

Acq: 26 Jul 2018 16:36

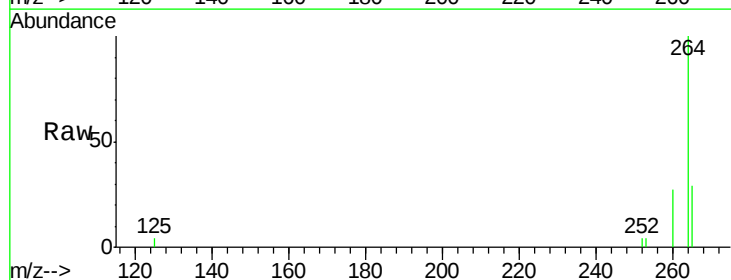
Tgt Ion:264 Resp: 5108

Ion Ratio Lower Upper

264 100

260 27.5 20.5 30.7

265 28.9 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

