

Data File : BE097660.D
Acq On : 25 Sep 2018 16:38
Operator : SJ/JU
Sample : J5033-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW301I-20180918

Quant Time: Sep 26 07:35:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 18:40:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	579	0.40	ng	0.00
7) Naphthalene-d8	10.17	136	2740	0.40	ng	0.04
13) Acenaphthene-d10	14.01	164	1907	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	6345	0.40	ng	0.01
27) Chrysene-d12	20.97	240	7784	0.40	ng	0.00
34) Perylene-d12	23.21	264	7210	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	284	0.19	ng	0.00
5) Phenol-d6	6.62	99	2	0.00	ng	0.00
8) Nitrobenzene-d5	8.61	82	484	0.31	ng	0.07
11) 2-Methylnaphthalene-d10	11.76	152	1824	0.45	ng	0.03
14) 2,4,6-Tribromophenol	15.54	330	311	0.41	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	3184	0.51	ng	0.01
25) Fluoranthene-d10	18.80	212	36767	0.53	ng	0.00
29) Terphenyl-d14	19.41	244	6969	0.45	ng	0.00

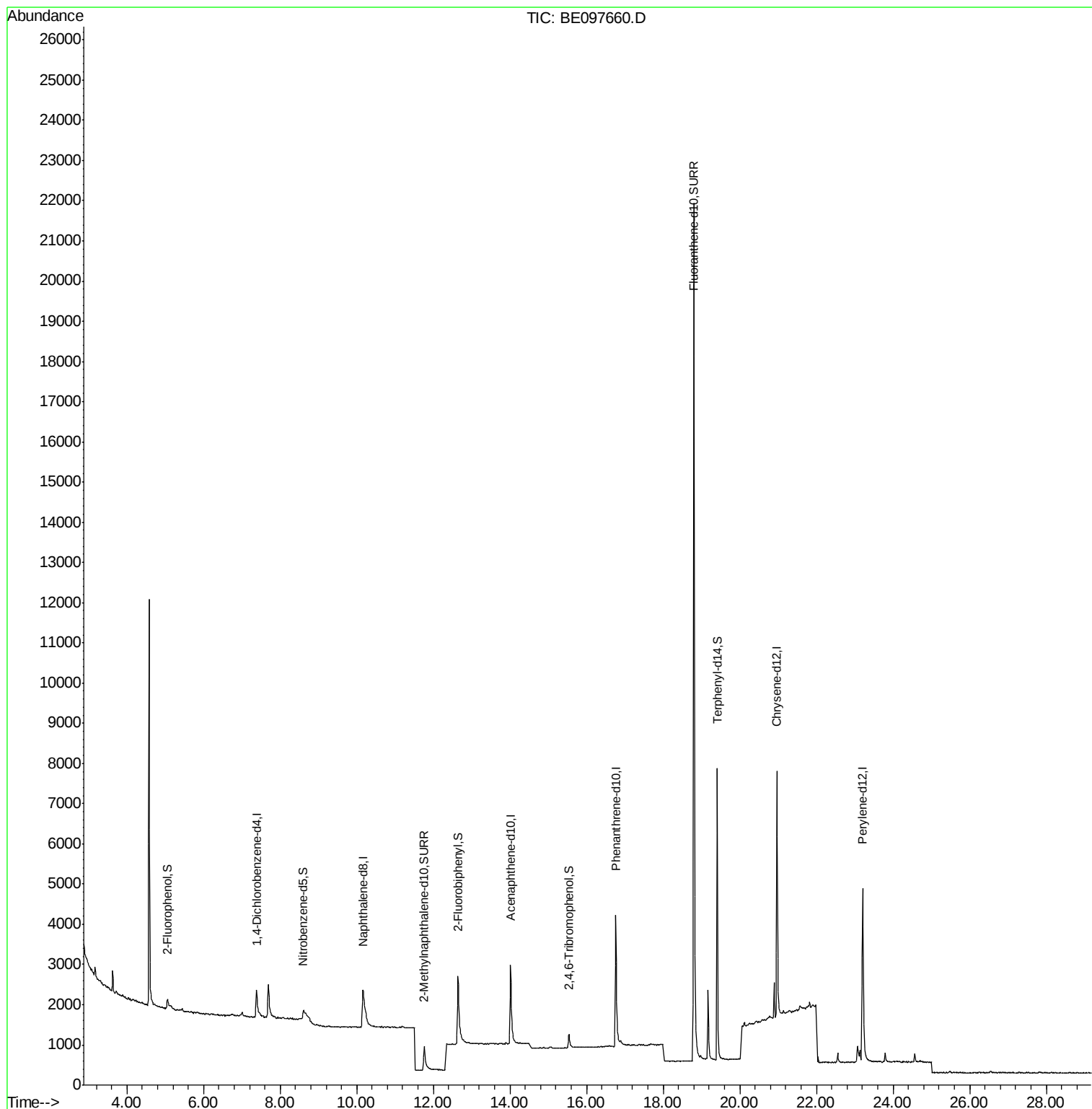
Target Compounds	Qvalue
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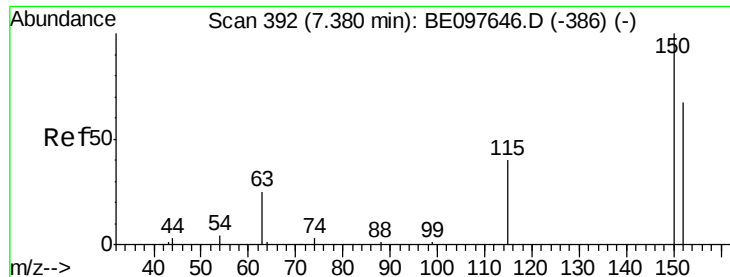
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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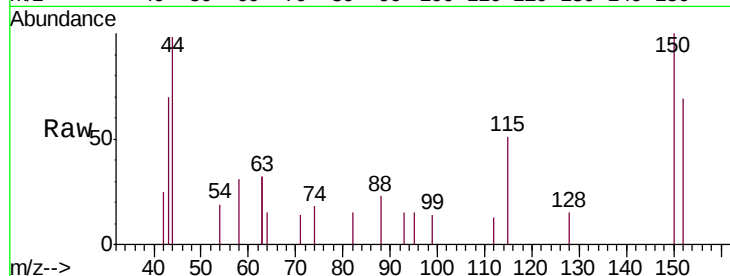


#1

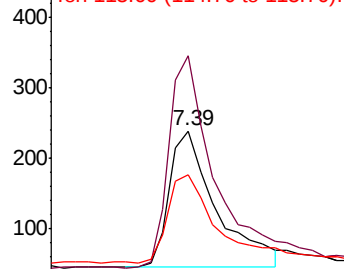
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.01 min
Lab File: BE097660.D
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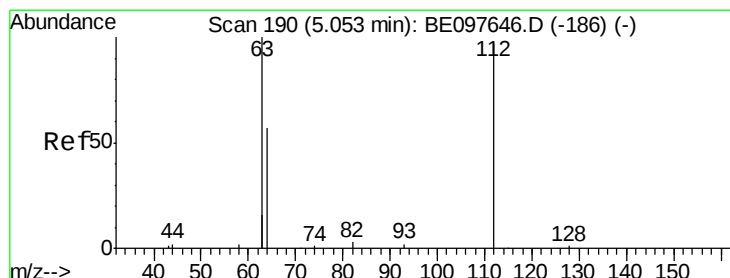
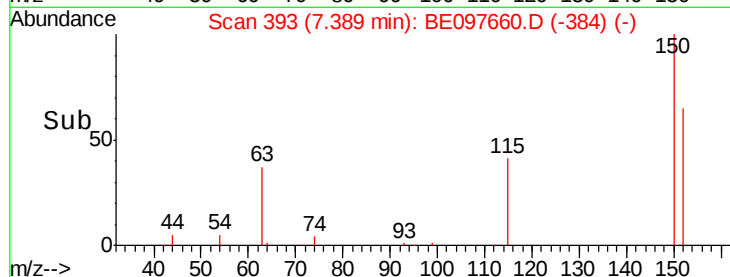
Tgt Ion:152 Resp: 579
Ion Ratio Lower Upper
152 100
150 144.4 117.2 175.8
115 74.1 57.0 85.6



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



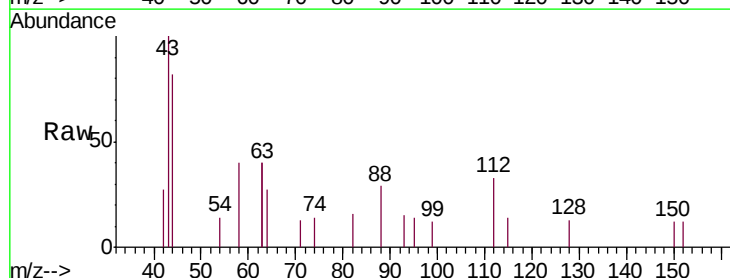
Time-->



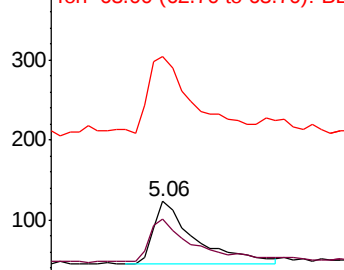
#4

2-Fluorophenol
Concen: 0.186 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097660.D
Acq: 25 Sep 2018 16:38

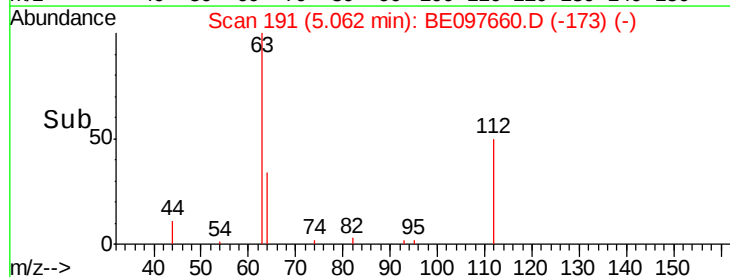
Tgt Ion:112 Resp: 284
Ion Ratio Lower Upper
112 100
64 77.1 60.1 90.1
63 107.4 116.8 175.2#

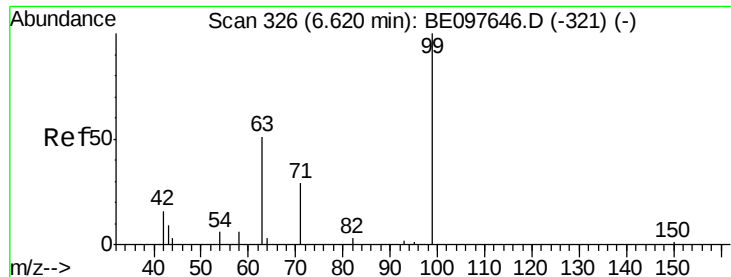


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.001 ng

RT: 6.62 min Scan# 326

Delta R.T. -0.00 min

Lab File: BE097660.D

Acq: 25 Sep 2018 16:38

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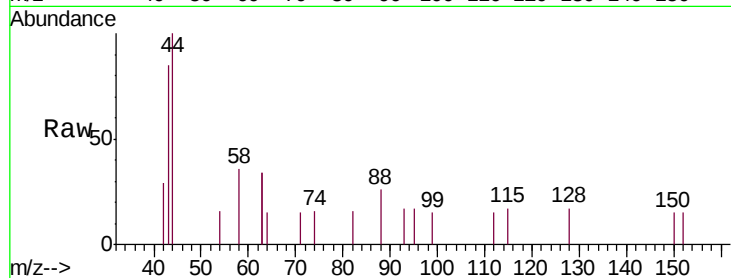
Tgt Ion: 99 Resp: 2

Ion Ratio Lower Upper

99 100

42 1100.0 20.2 30.2#

71 100.0 28.4 42.6#

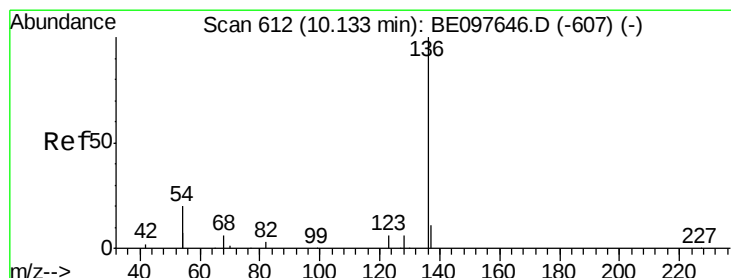
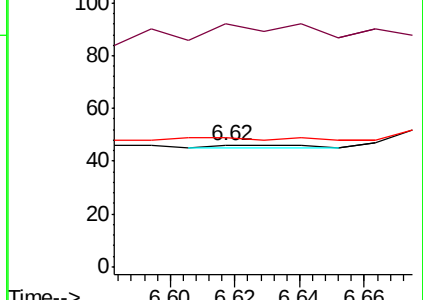
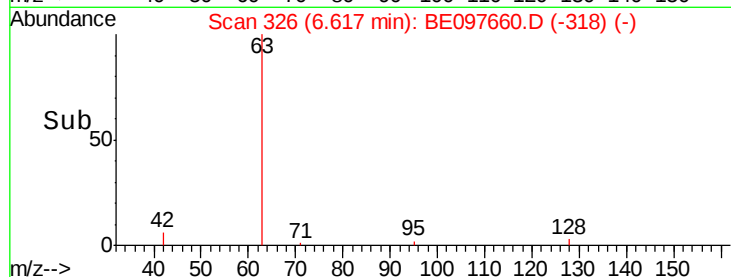


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.17 min Scan# 615

Delta R.T. 0.04 min

Lab File: BE097660.D

Acq: 25 Sep 2018 16:38

Tgt Ion: 136 Resp: 2740

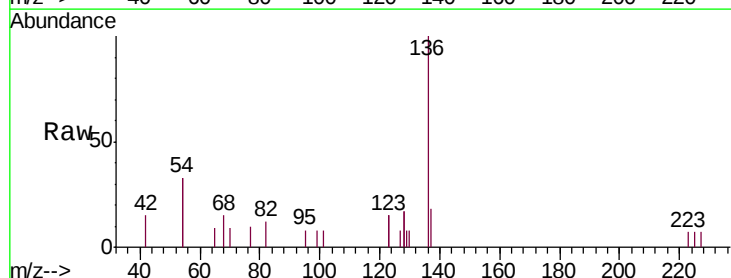
Ion Ratio Lower Upper

136 100

137 17.6 9.5 14.3#

54 65.6 29.1 43.7#

68 15.0 6.2 9.2#



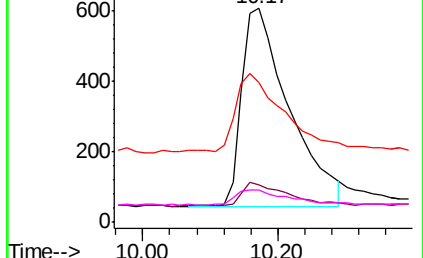
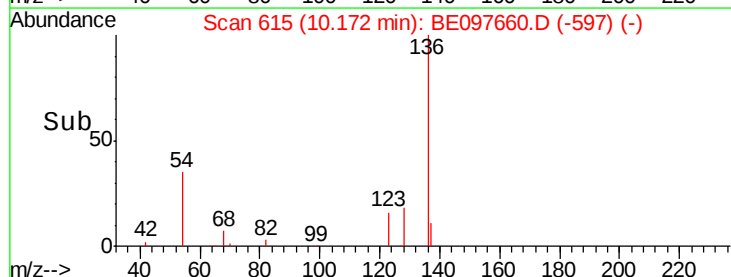
Abundance Ion 136.00 (135.70 to 136.70): E

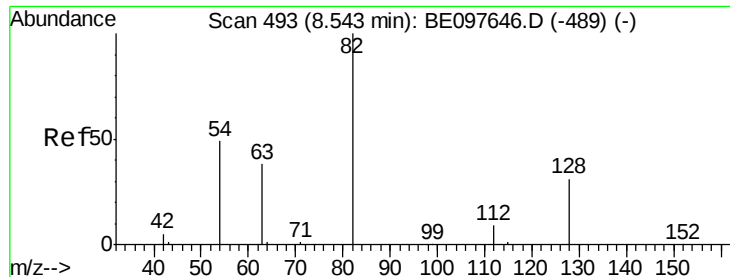
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->





#8

Nitrobenzene-d5

Concen: 0.308 ng

RT: 8.61 min Scan# 499

Delta R.T. 0.07 min

Lab File: BE097660.D

Acq: 25 Sep 2018 16:38

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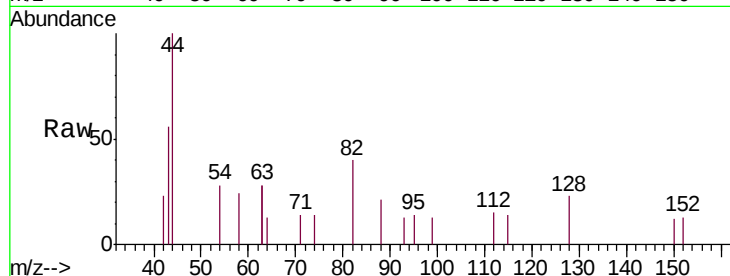
Tgt Ion: 82 Resp: 484

Ion Ratio Lower Upper

82 100

128 56.4 24.0 36.0#

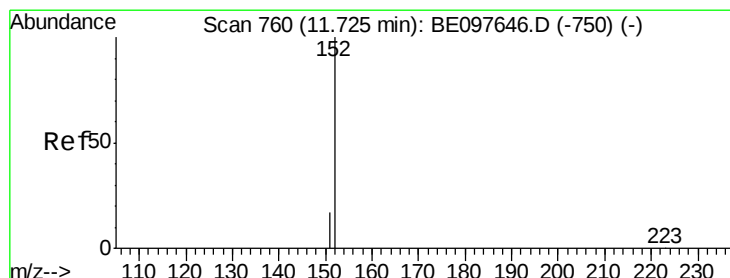
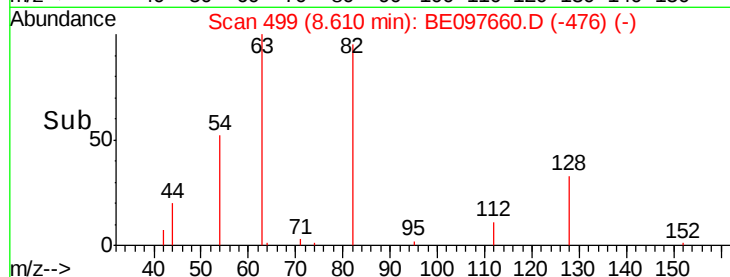
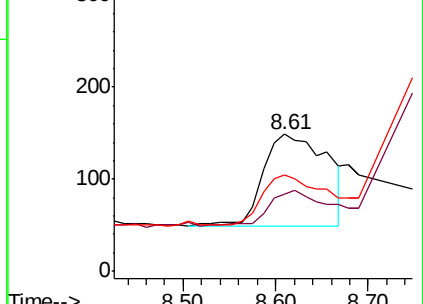
54 69.8 40.0 60.0#



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: 0.450 ng

RT: 11.76 min Scan# 767

Delta R.T. 0.03 min

Lab File: BE097660.D

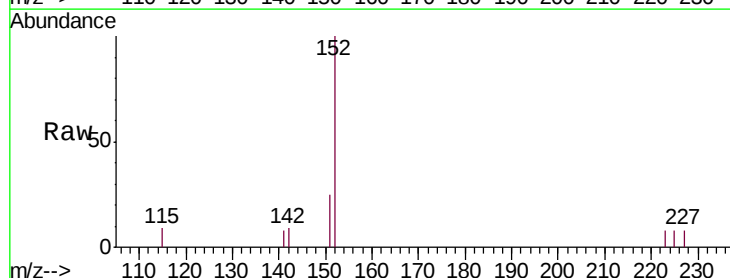
Acq: 25 Sep 2018 16:38

Tgt Ion: 152 Resp: 1824

Ion Ratio Lower Upper

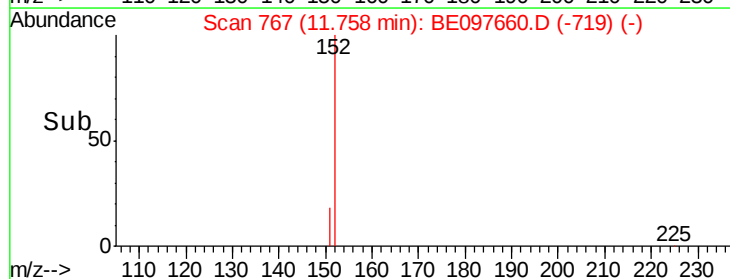
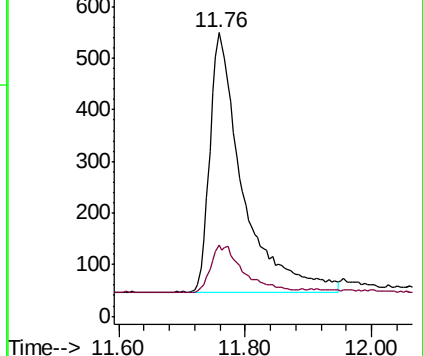
152 100

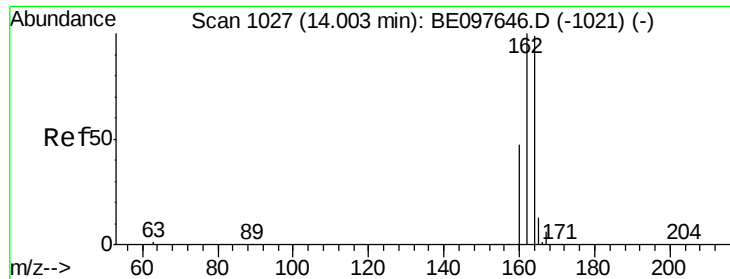
151 18.0 15.4 23.0



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: 14.01 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BE097660.D

Acq: 25 Sep 2018 16:38

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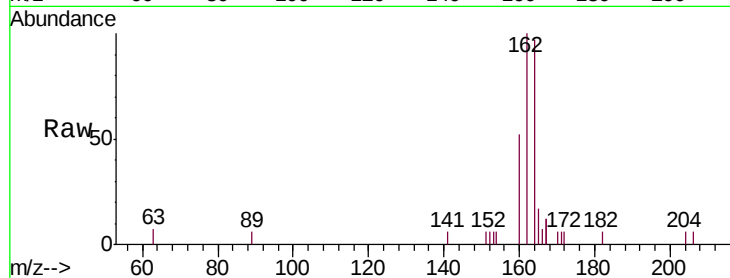
Tgt Ion:164 Resp: 1907

Ion Ratio Lower Upper

164 100

162 103.1 83.1 124.7

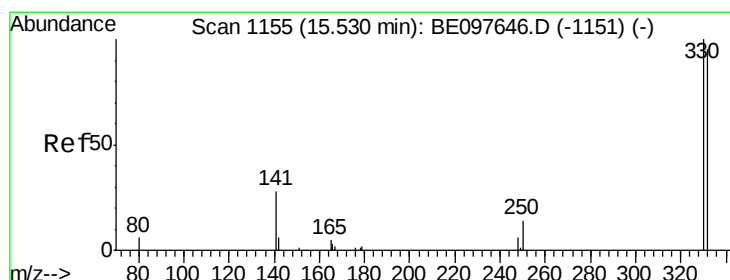
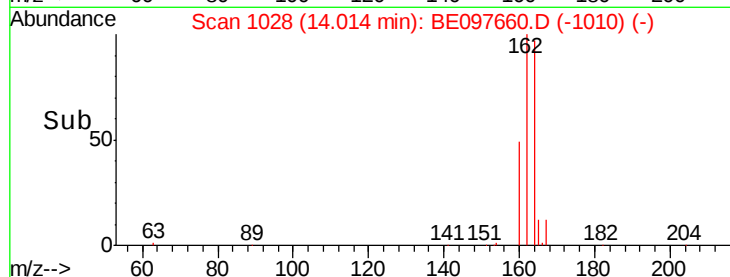
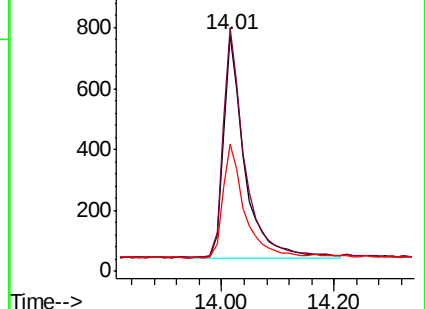
160 54.1 37.1 55.7



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: 0.406 ng

RT: 15.54 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BE097660.D

Acq: 25 Sep 2018 16:38

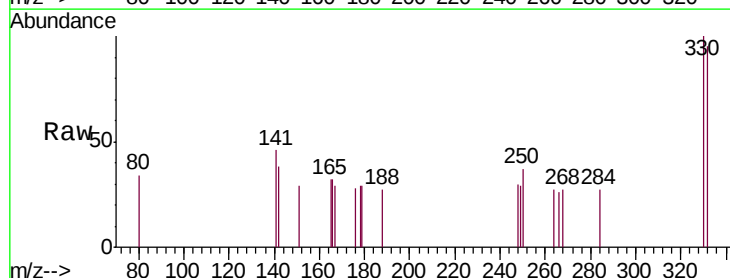
Tgt Ion:330 Resp: 311

Ion Ratio Lower Upper

330 100

332 96.8 152.7 229.1#

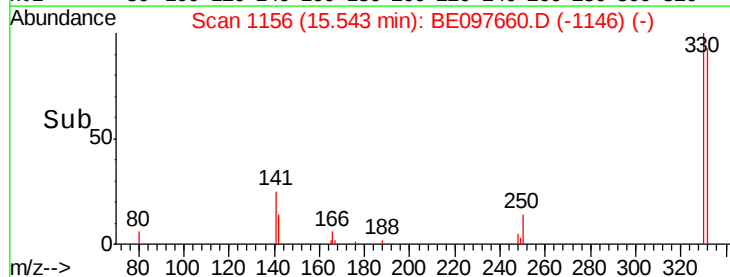
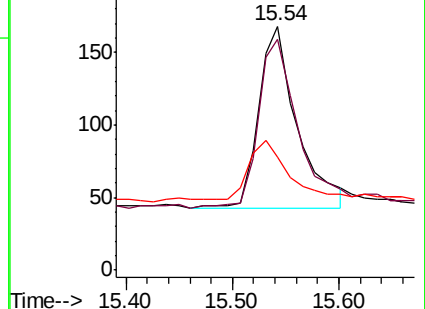
141 31.8 33.7 50.5#

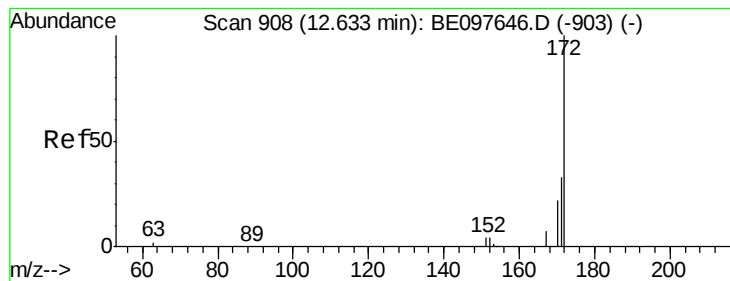


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.512 ng

RT: 12.64 min Scan# 909

Delta R.T. 0.01 min

Lab File: BE097660.D

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ClientSampleId :

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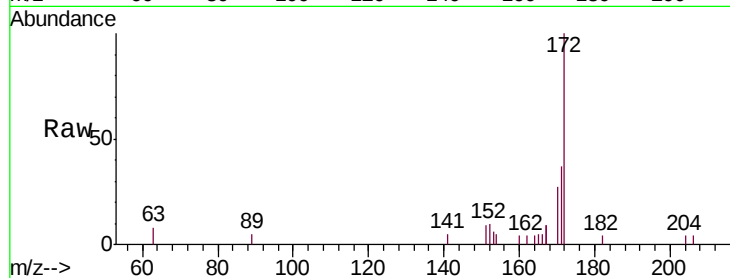
Tgt Ion:172 Resp: 3184

Ion Ratio Lower Upper

172 100

171 37.0 29.9 44.9

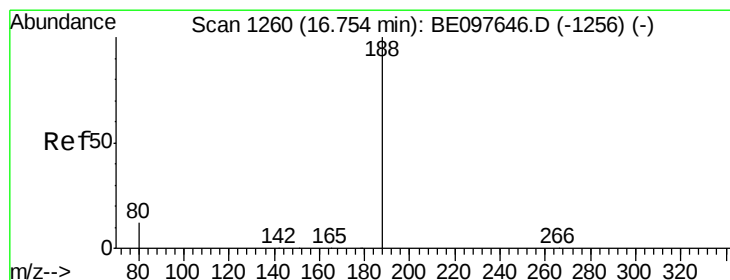
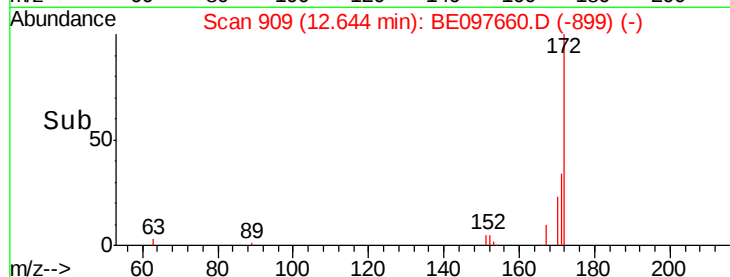
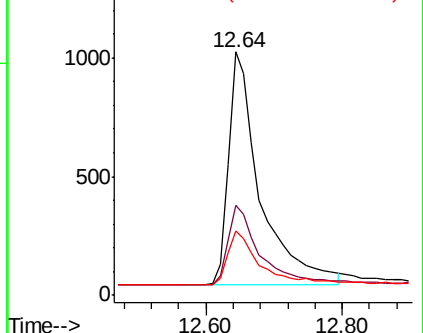
170 26.6 21.8 32.8



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: 16.77 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BE097660.D

Acq: 25 Sep 2018 16:38

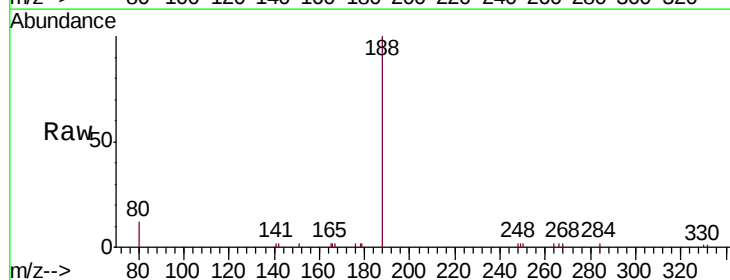
Tgt Ion:188 Resp: 6345

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

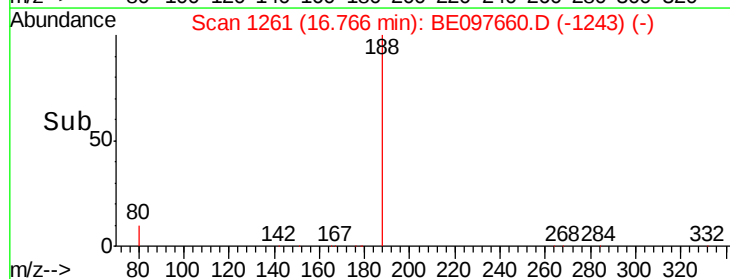
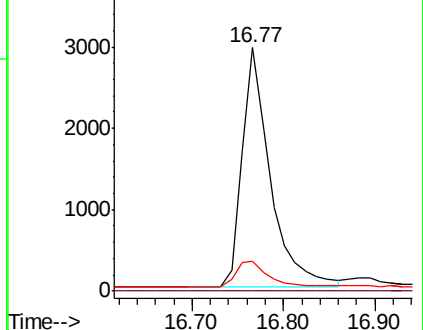
80 12.0 3.6 5.4#

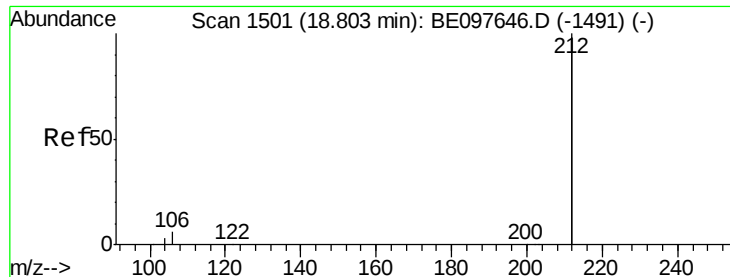


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.531 ng

RT: 18.80 min Scan# 1501

Delta R.T. 0.00 min

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BPSI-TT-MW301I-20180918

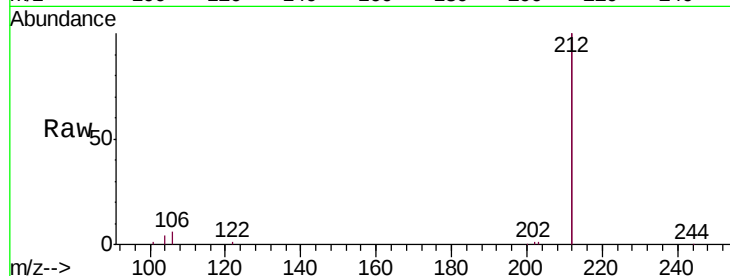
Tgt Ion:212 Resp: 36767

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

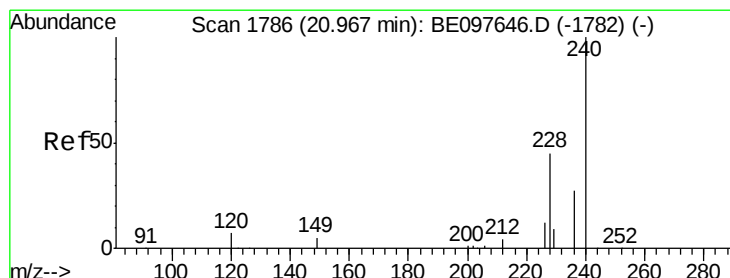
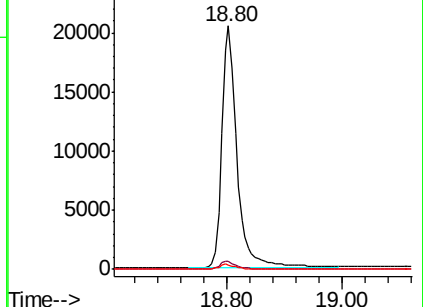
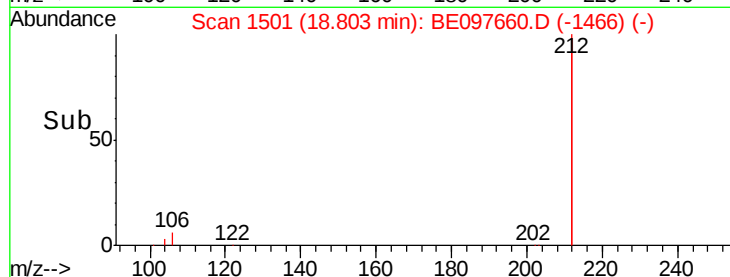
104 1.7 1.6 2.4



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: 20.97 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097660.D

Acq: 25 Sep 2018 16:38

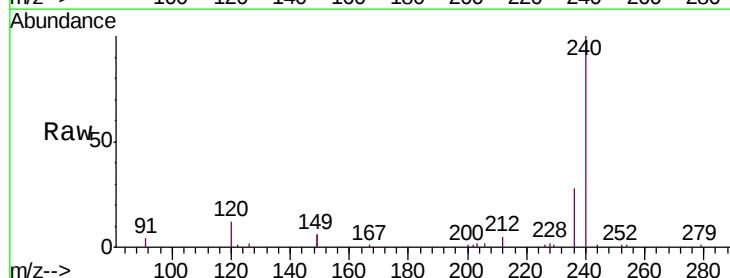
Tgt Ion:240 Resp: 7784

Ion Ratio Lower Upper

240 100

120 11.8 5.5 8.3#

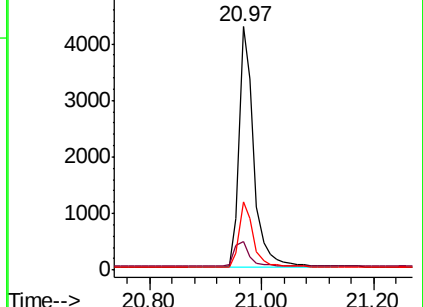
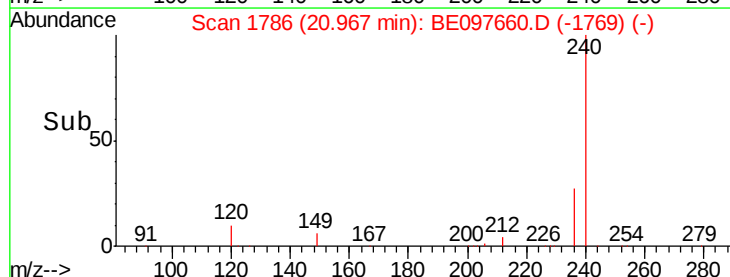
236 28.1 20.7 31.1

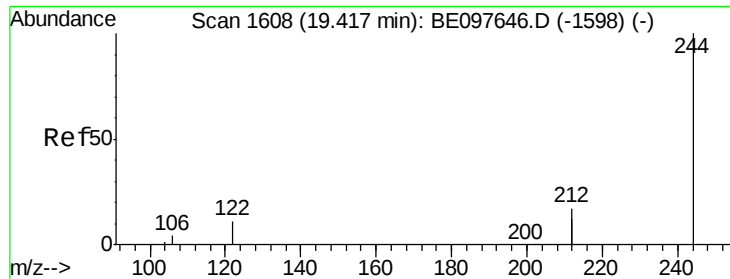


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.455 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

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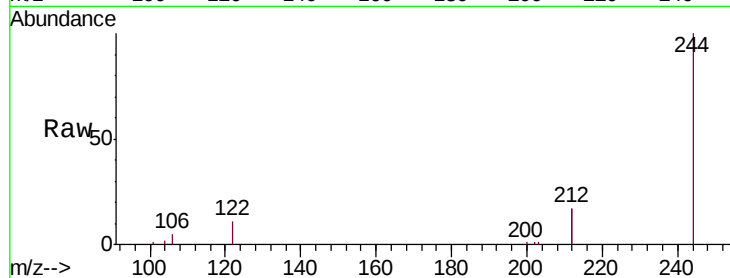
Tgt Ion:244 Resp: 6969

Ion Ratio Lower Upper

244 100

212 33.2 25.4 38.0

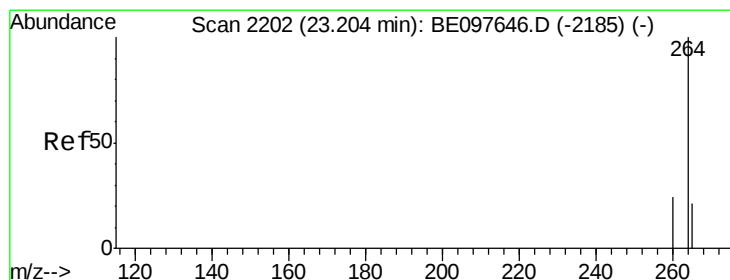
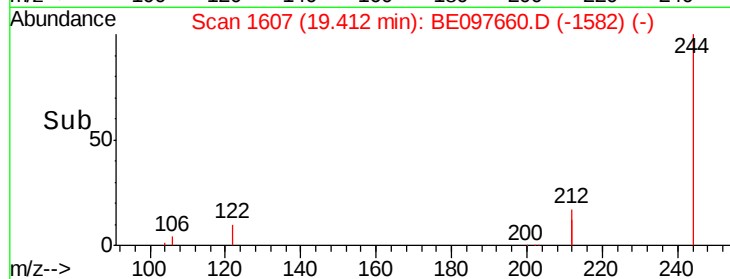
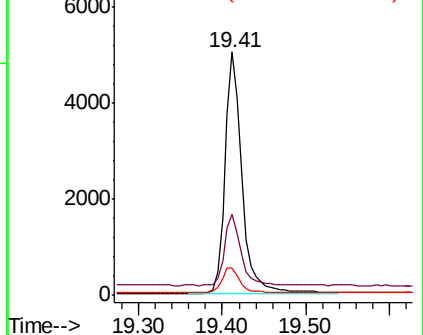
122 11.2 8.1 12.1



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: 23.21 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BE097660.D

Acq: 25 Sep 2018 16:38

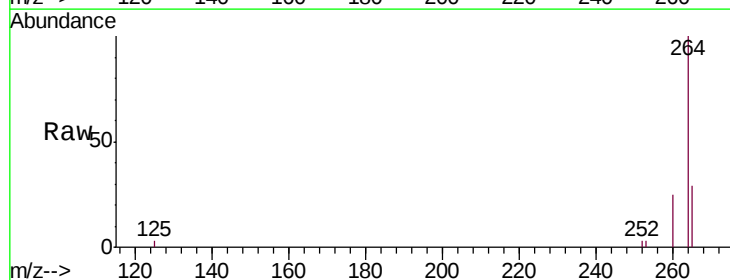
Tgt Ion:264 Resp: 7210

Ion Ratio Lower Upper

264 100

260 25.3 20.5 30.7

265 28.7 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

