

Data File : BE097677.D
Acq On : 26 Sep 2018 3:08
Operator : SJ/JU
Sample : J5033-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BB-TT-DUP06-20180920

Quant Time: Sep 26 07:38:44 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	7.38	152	674	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3246	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	2167	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	7009	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8062	0.40	ng	0.00
34) Perylene-d12	23.20	264	7907	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	361	0.20	ng	0.00
5) Phenol-d6	0.00	99	0	0.00	ng	
8) Nitrobenzene-d5	8.58	82	802	0.40	ng	0.03
11) 2-Methylnaphthalene-d10	11.74	152	2179	0.45	ng	0.02
14) 2,4,6-Tribromophenol	15.53	330	423	0.47	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	3736	0.53	ng	0.01
25) Fluoranthene-d10	18.80	212	39045	0.51	ng	0.00
29) Terphenyl-d14	19.41	244	7276	0.46	ng	0.00

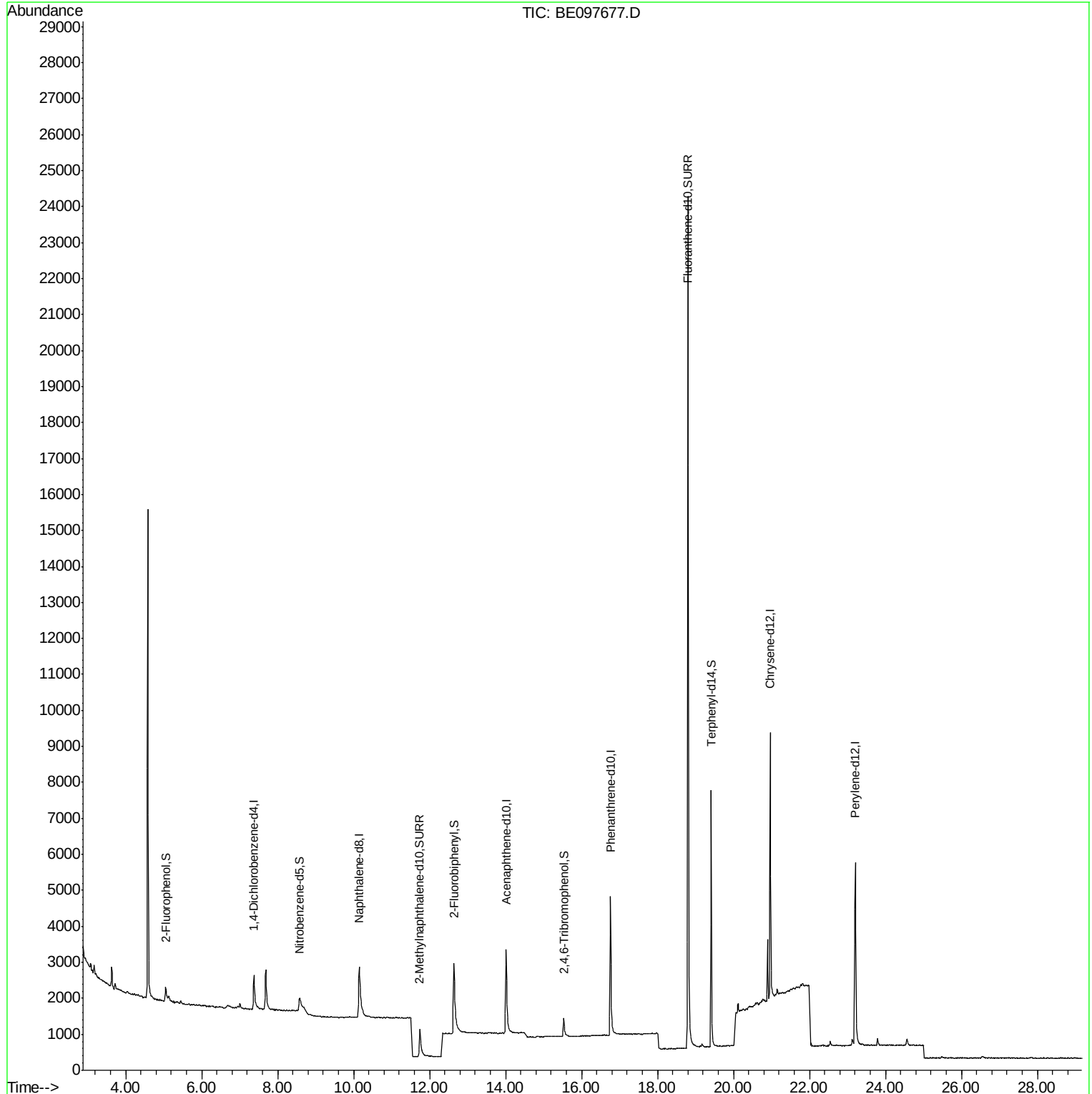
Target Compounds	Qvalue
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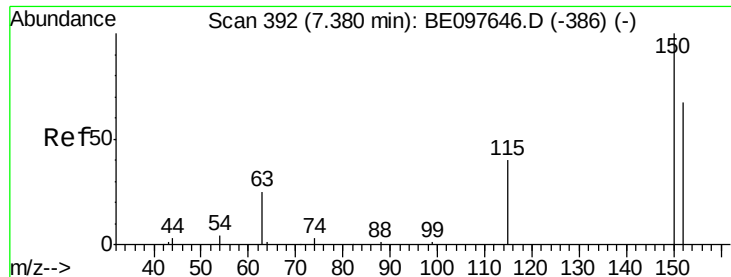
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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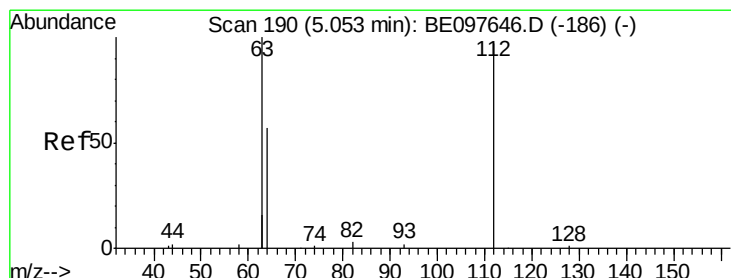
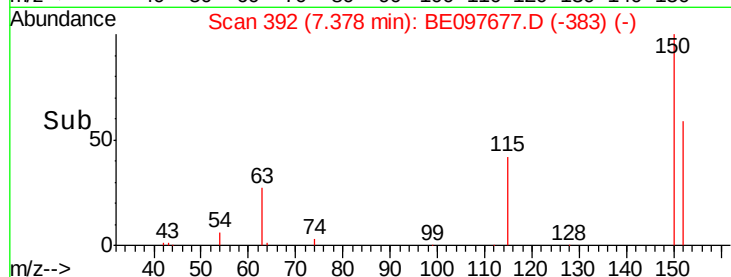
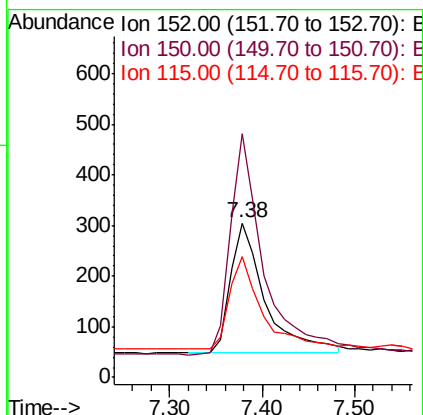
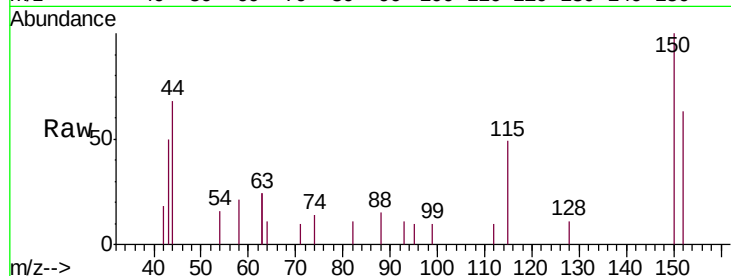


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097677.D
Acq: 26 Sep 2018 3:08

Instrument :
BNA_E
ClientSampleId :
BB-TT-DUP06-20180920

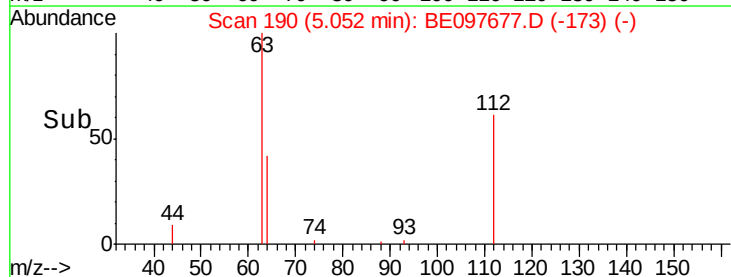
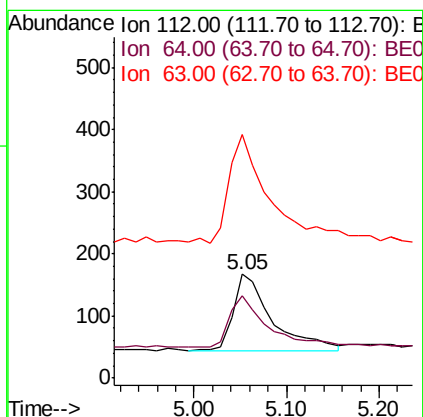
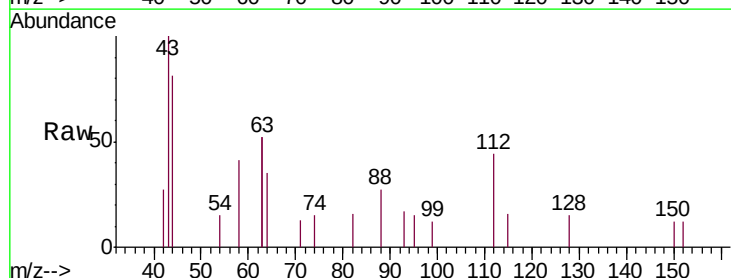
Tgt Ion:152 Resp: 674
Ion Ratio Lower Upper
152 100
150 157.7 117.2 175.8
115 78.0 57.0 85.6

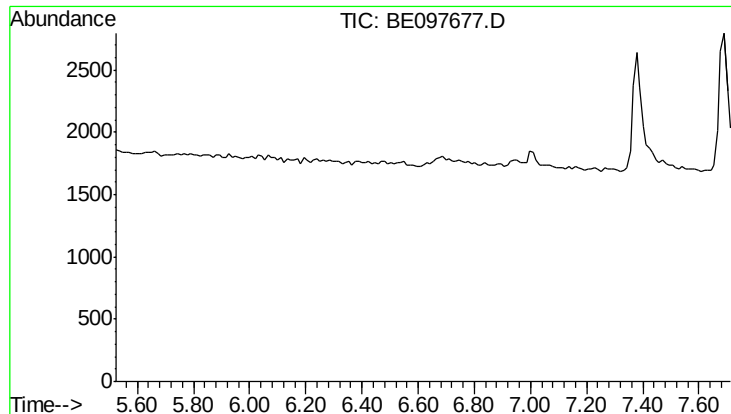


#4

2-Fluorophenol
Concen: 0.203 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097677.D
Acq: 26 Sep 2018 3:08

Tgt Ion:112 Resp: 361
Ion Ratio Lower Upper
112 100
64 69.8 60.1 90.1
63 149.0 116.8 175.2

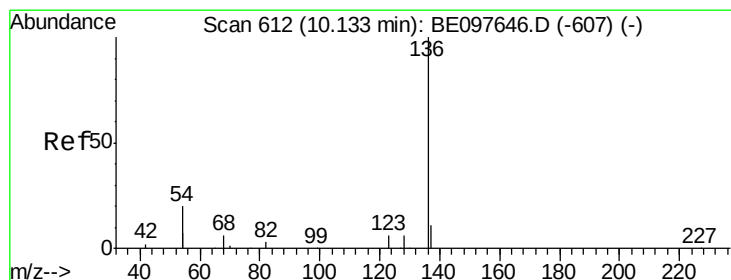
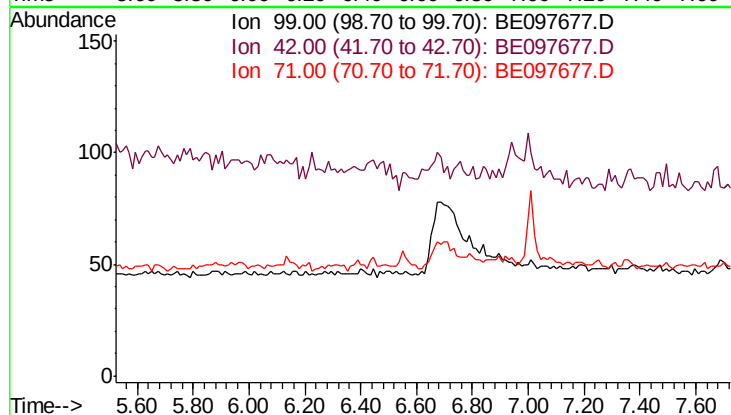




#5
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.62 min
 Lab File: BE097677.D
 Acq: 26 Sep 2018 3:08

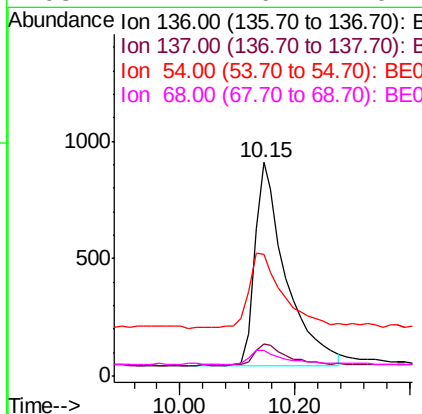
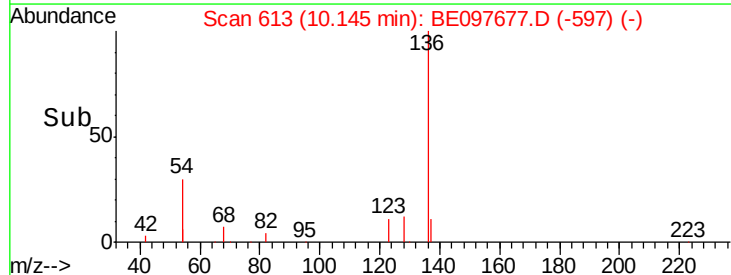
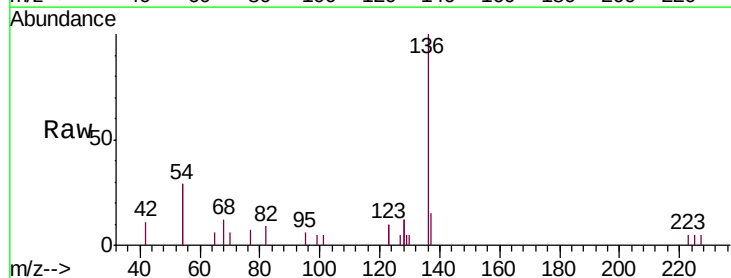
Instrument :
 BNA_E
 ClientSampleId :
 BB-TT-DUP06-20180920

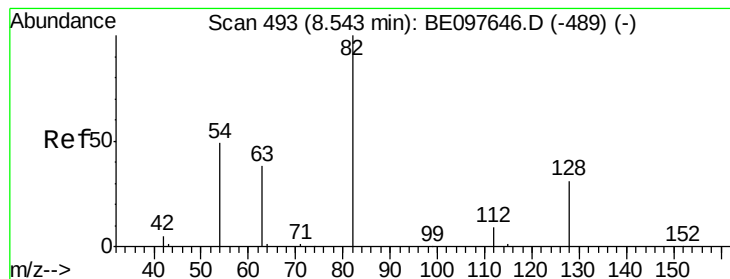
Tgt Ion: 99
 Sig Exp Ratio
 99 100
 42 25.2
 71 35.5



#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.15 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: BE097677.D
 Acq: 26 Sep 2018 3:08

Tgt Ion: 136 Resp: 3246
 Ion Ratio Lower Upper
 136 100
 137 15.1 9.5 14.3#
 54 57.1 29.1 43.7#
 68 12.2 6.2 9.2#





#8

Nitrobenzene-d5

Concen: 0.404 ng

RT: 8.58 min Scan# 496

Delta R.T. 0.03 min

Lab File: BE097677.D

Acq: 26 Sep 2018 3:08

Instrument :

BNA_E

ClientSampleId :

BB-TT-DUP06-20180920

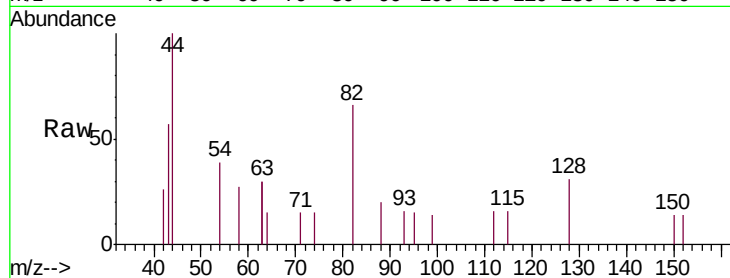
Tgt Ion: 82 Resp: 802

Ion Ratio Lower Upper

82 100

128 47.2 24.0 36.0#

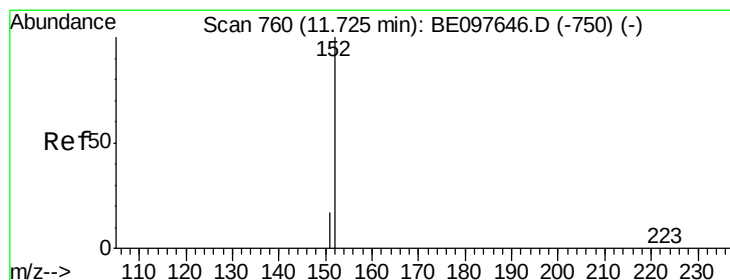
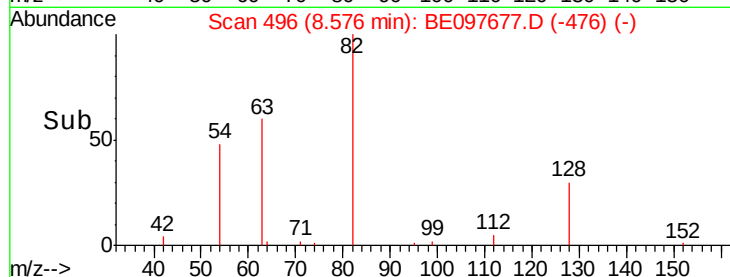
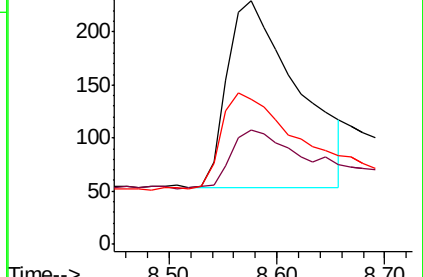
54 59.8 40.0 60.0



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: 0.453 ng

RT: 11.74 min Scan# 764

Delta R.T. 0.02 min

Lab File: BE097677.D

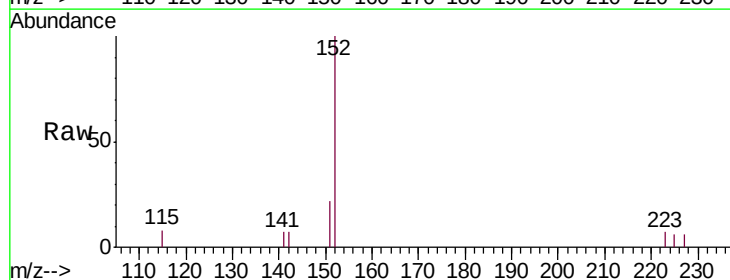
Acq: 26 Sep 2018 3:08

Tgt Ion: 152 Resp: 2179

Ion Ratio Lower Upper

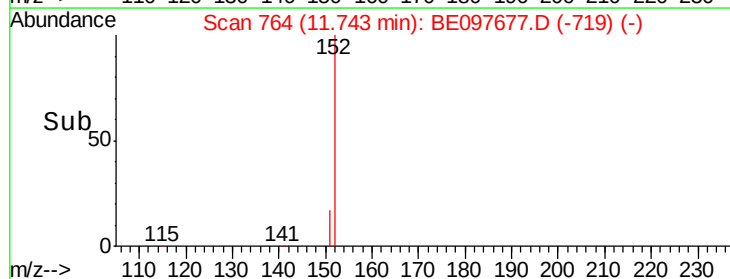
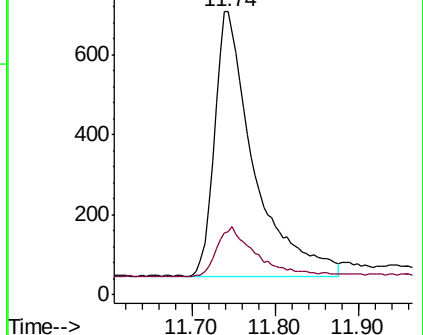
152 100

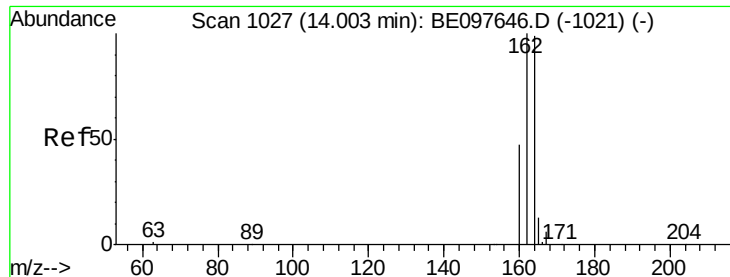
151 18.9 15.4 23.0



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: BE097677.D

Acq: 26 Sep 2018 3:08

Instrument :

BNA_E

ClientSampleId :

BB-TT-DUP06-20180920

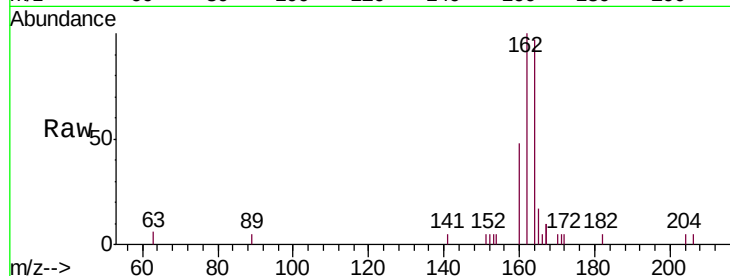
Tgt Ion:164 Resp: 2167

Ion Ratio Lower Upper

164 100

162 103.0 83.1 124.7

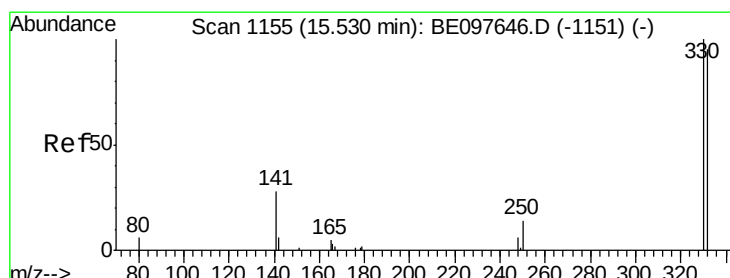
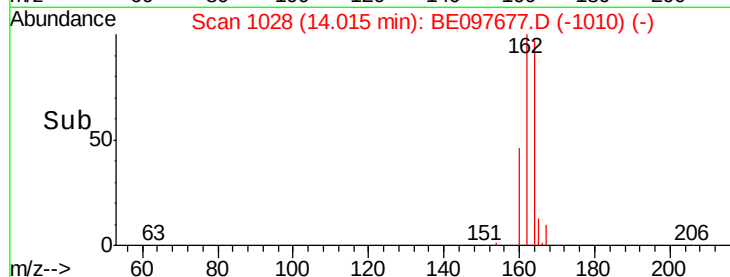
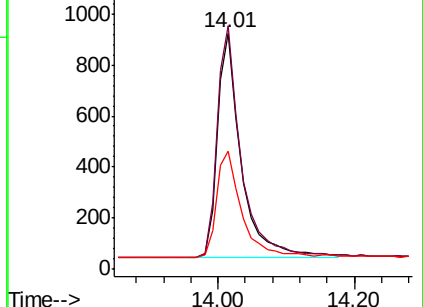
160 49.9 37.1 55.7



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: 0.471 ng

RT: 15.53 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BE097677.D

Acq: 26 Sep 2018 3:08

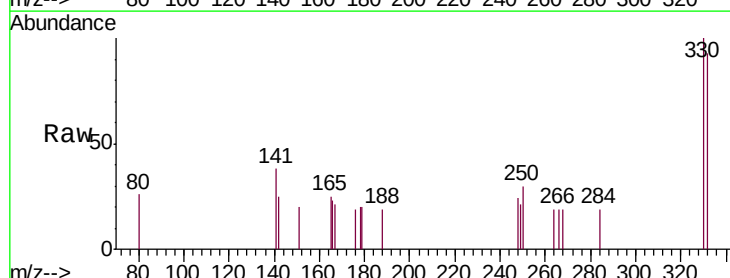
Tgt Ion:330 Resp: 423

Ion Ratio Lower Upper

330 100

332 93.6 152.7 229.1#

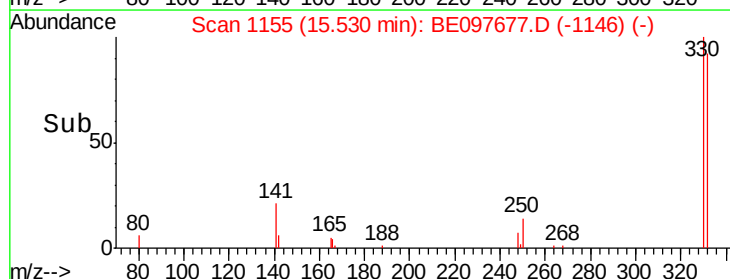
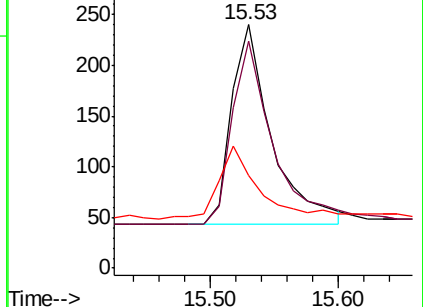
141 33.1 33.7 50.5#

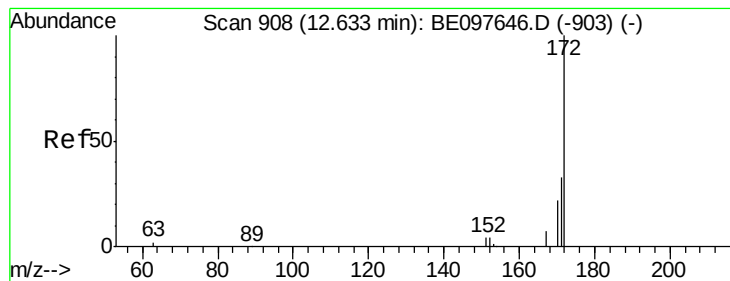


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

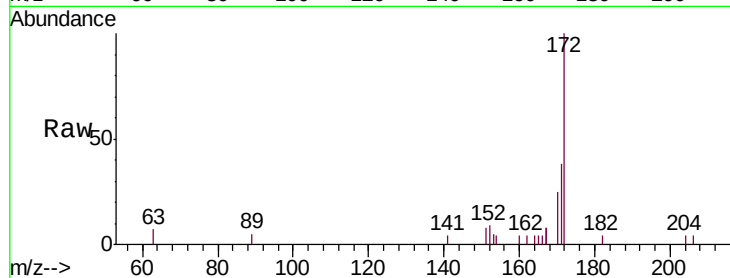




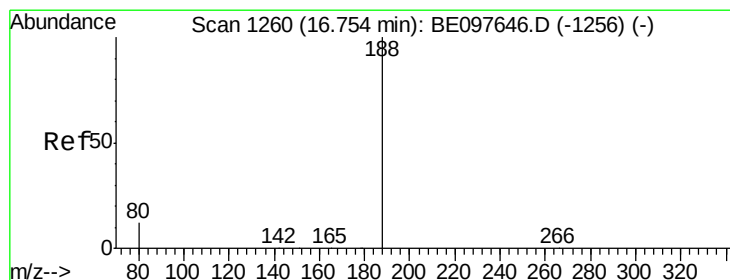
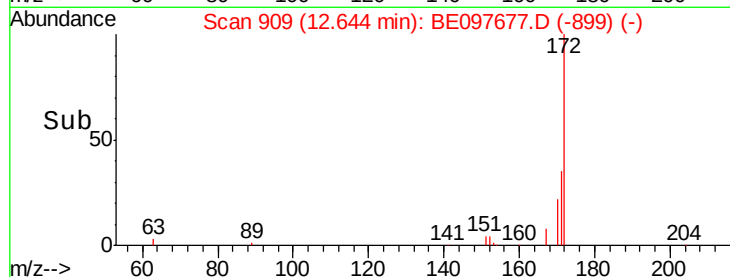
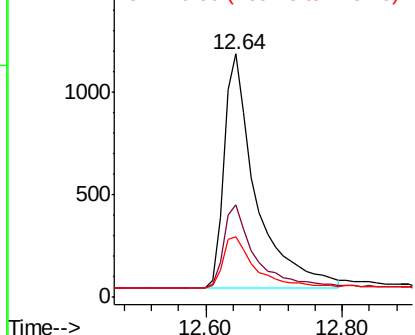
#15
2-Fluorobiphenyl
Concen: 0.528 ng
RT: 12.64 min Scan# 909
Delta R.T. 0.01 min
Lab File: BE097677.D
Acq: 26 Sep 2018 3:08

Instrument :
BNA_E
ClientSampleId :
BB-TT-DUP06-20180920

Tgt Ion:172 Resp: 3736
Ion Ratio Lower Upper
172 100
171 37.8 29.9 44.9
170 25.0 21.8 32.8

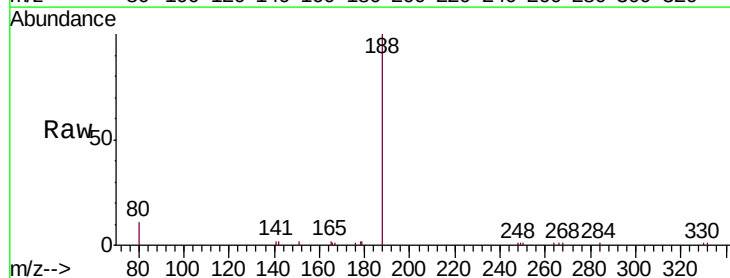


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

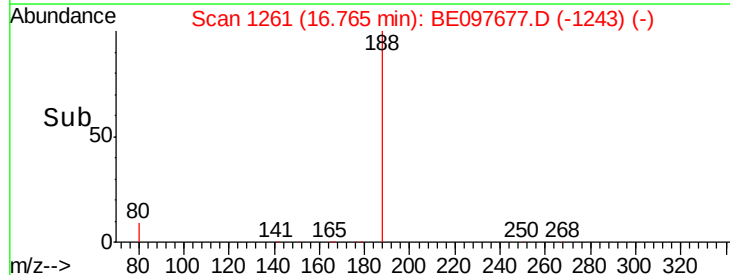
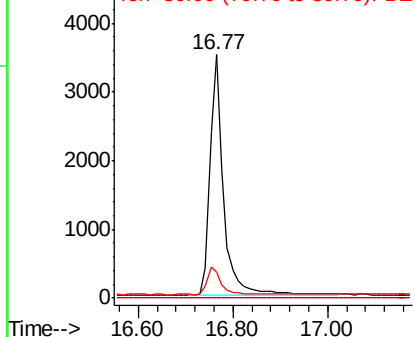


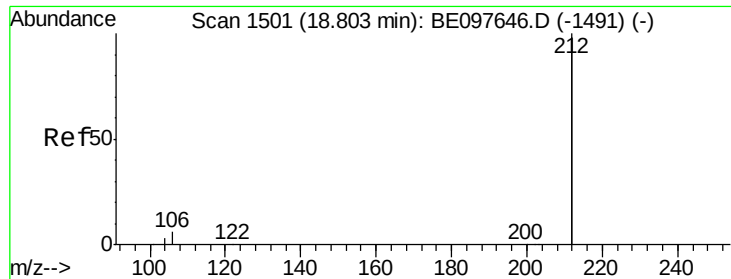
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BE097677.D
Acq: 26 Sep 2018 3:08

Tgt Ion:188 Resp: 7009
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 10.8 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: 0.511 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE097677.D

Acq: 26 Sep 2018 3:08

Instrument :

BNA_E

ClientSampleId :

BB-TT-DUP06-20180920

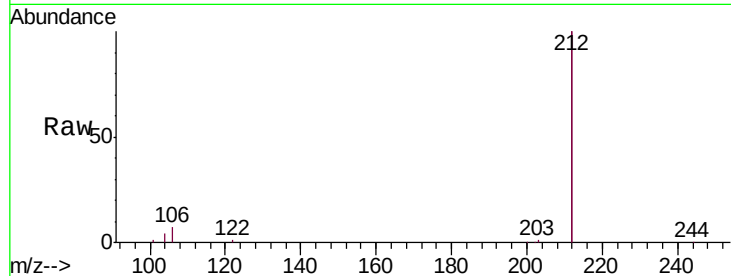
Tgt Ion:212 Resp: 39045

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

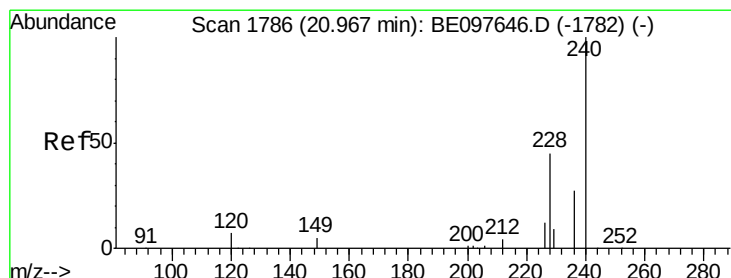
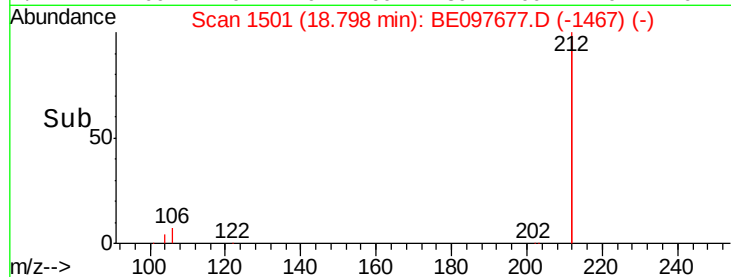
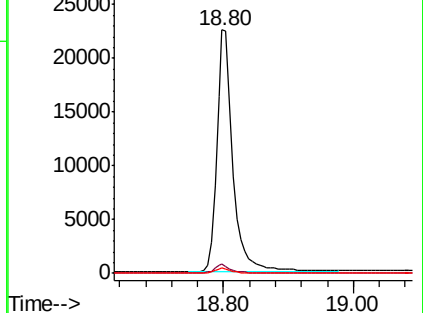
104 1.8 1.6 2.4



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: 20.97 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE097677.D

Acq: 26 Sep 2018 3:08

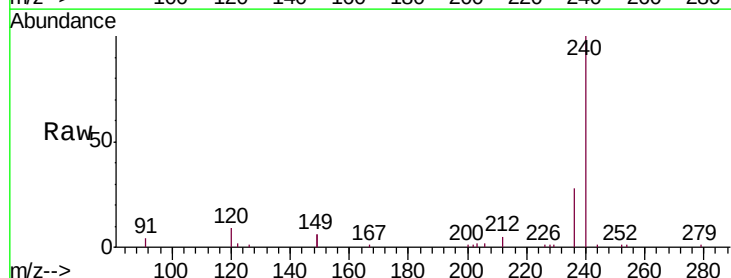
Tgt Ion:240 Resp: 8062

Ion Ratio Lower Upper

240 100

120 8.9 5.5 8.3#

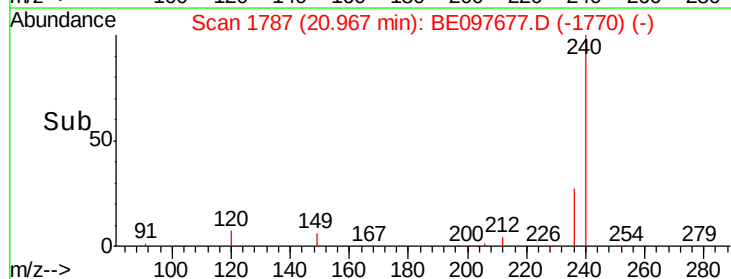
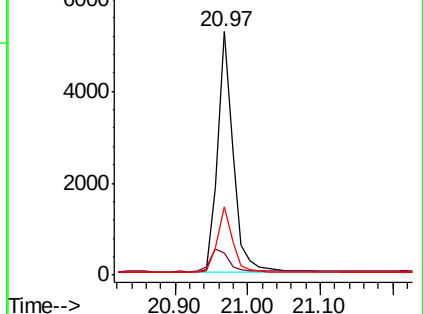
236 28.1 20.7 31.1

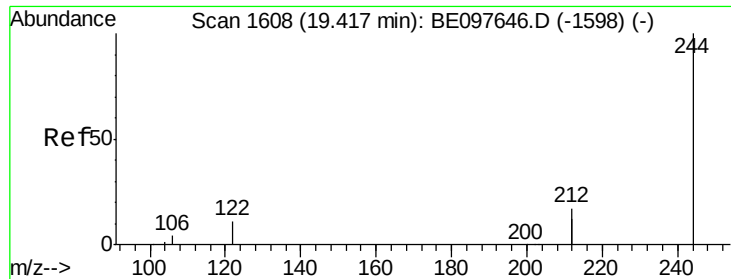


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.458 ng

RT: 19.41 min Scan# 1608

Delta R.T. -0.00 min

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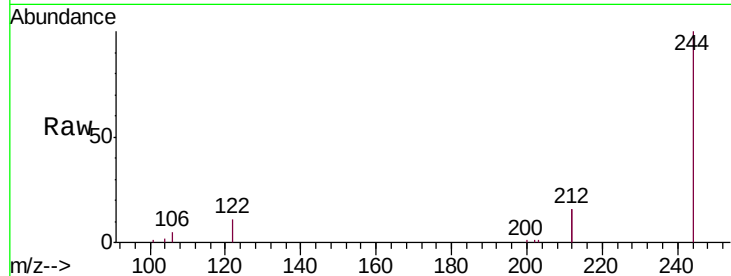
Tgt Ion:244 Resp: 7276

Ion Ratio Lower Upper

244 100

212 32.5 25.4 38.0

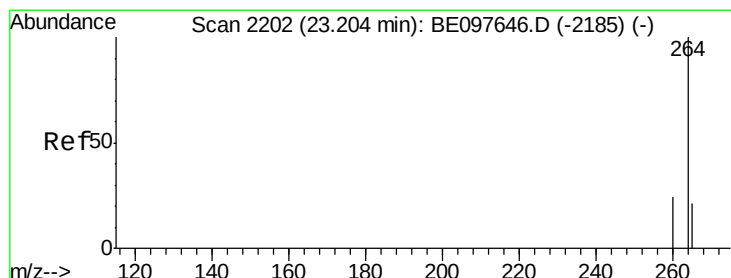
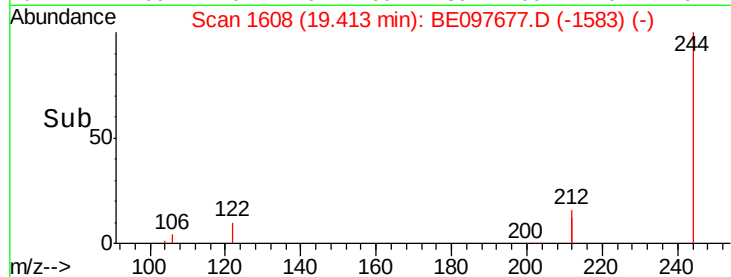
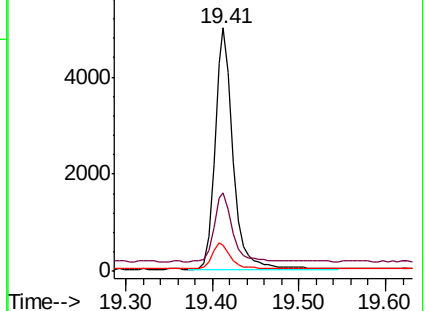
122 10.8 8.1 12.1



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: 23.20 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BE097677.D

Acq: 26 Sep 2018 3:08

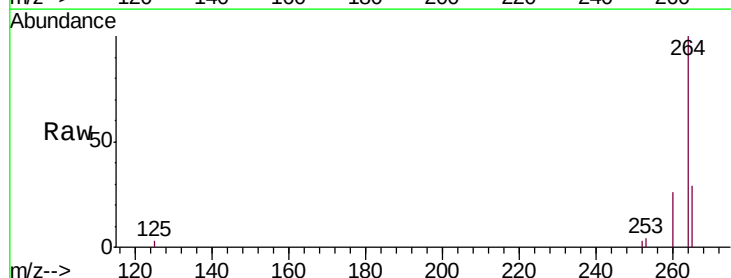
Tgt Ion:264 Resp: 7907

Ion Ratio Lower Upper

264 100

260 26.4 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

