

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051917\
 Data File : BE093056.D
 Acq On : 19 May 2017 12:09
 Operator : SJ/MA
 Sample : PB99051BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB99051BL

Quant Time: May 19 17:54:11 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 15 13:35:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	880	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3391	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	1412	0.40	ng	0.02
19) Phenanthrene-d10	17.16	188	2979	0.40	ng	0.03
27) Chrysene-d12	21.28	240	3984	0.40	ng	0.00
34) Perylene-d12	23.70	264	3727	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	636	0.24	ng	0.00
5) Phenol-d6	6.92	99	861	0.24	ng	0.00
8) Nitrobenzene-d5	8.88	82	708	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	1102	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.89	330	115	0.28	ng	0.01
15) 2-Fluorobiphenyl	13.01	172	1503	0.26	ng	0.00
25) Fluoranthene-d10	19.14	212	2199	0.28	ng	0.00
29) Terphenyl-d14	19.74	244	2014	0.27	ng	0.00

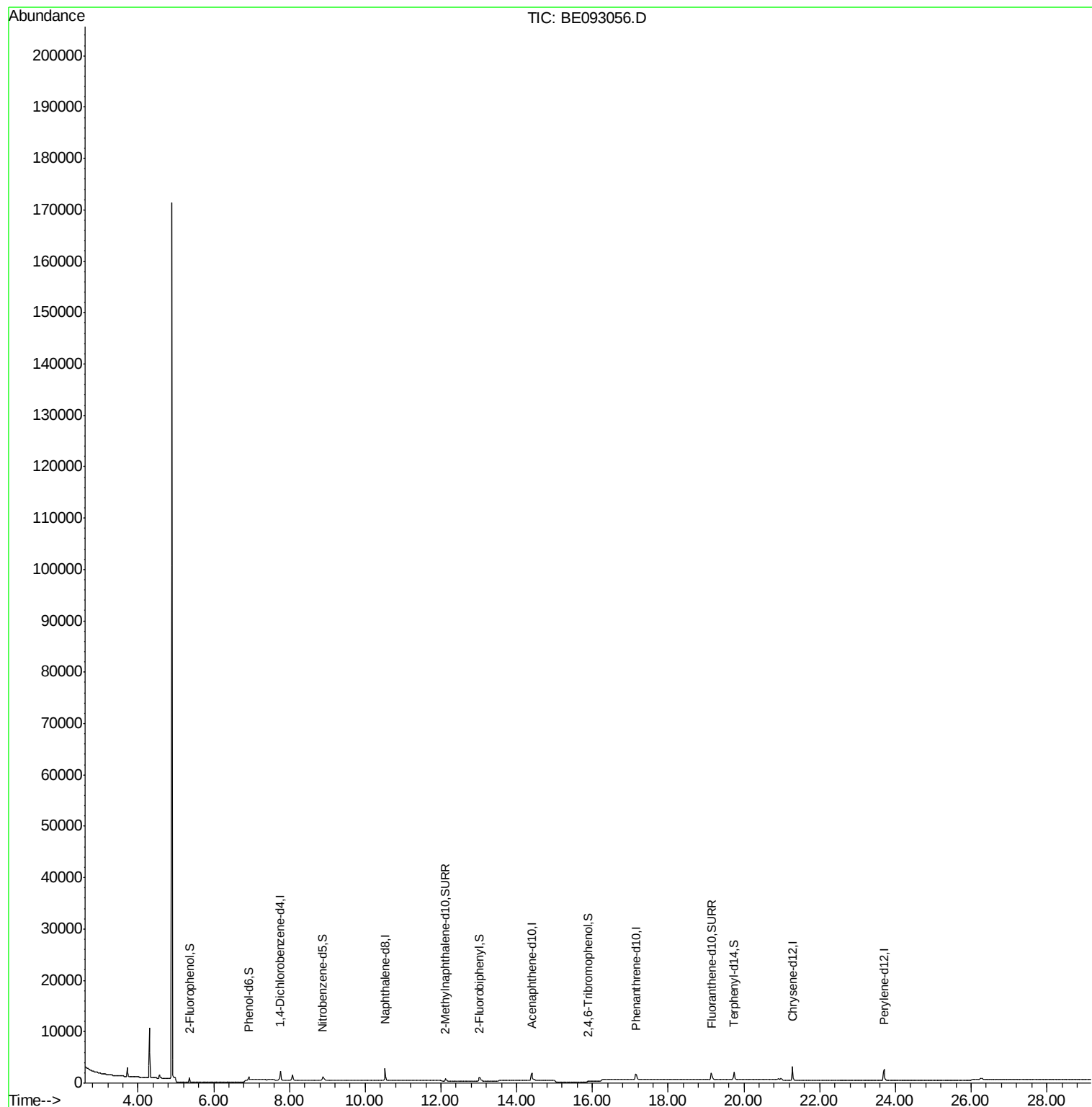
Target Compounds	Qvalue
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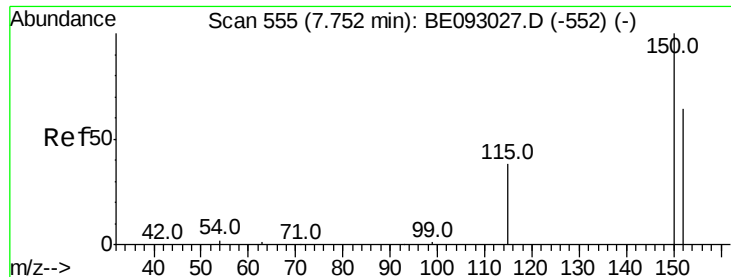
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.75 min Scan# 555

Delta R.T. 0.00 min

Lab File: BE093056.D

Acq: 19 May 2017 12:09

Instrument :

BNA_E

ClientSampleId :

PB99051BL

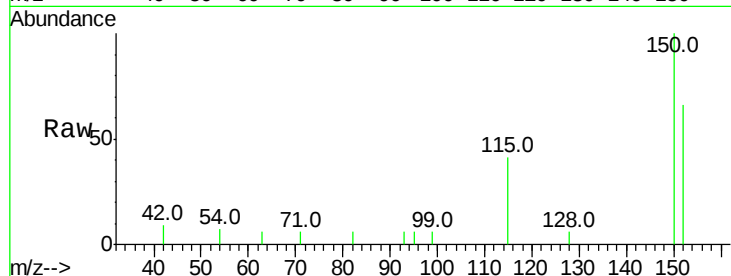
Tot Ion:152 Resp: 880

Ion Ratio Lower Upper

152 100

150 151.2 125.1 187.7

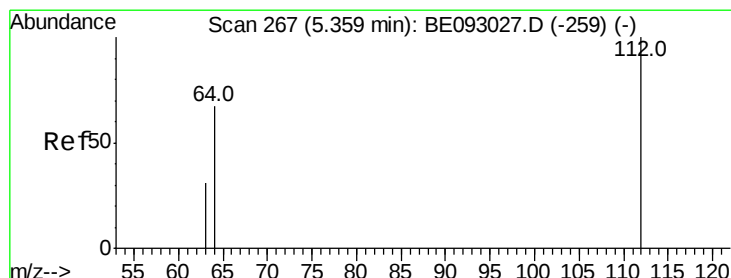
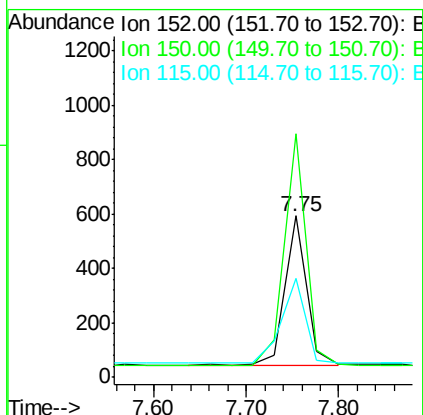
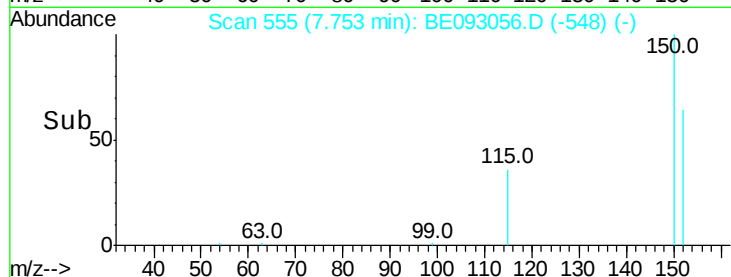
115 61.3 55.7 83.5



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: 0.24 ng

RT: 5.36 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE093056.D

Acq: 19 May 2017 12:09

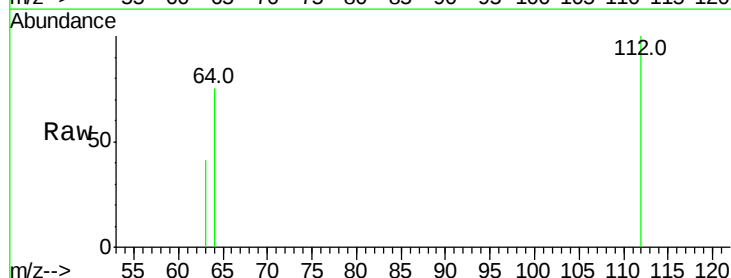
Tgt Ion:112 Resp: 636

Ion Ratio Lower Upper

112 100

64 72.6 56.4 84.6

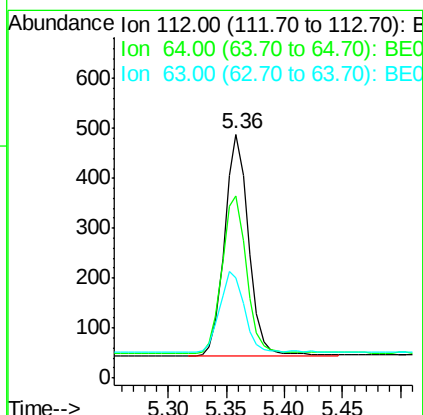
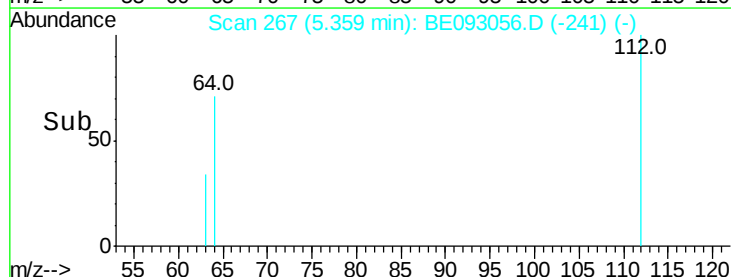
63 36.3 29.3 43.9

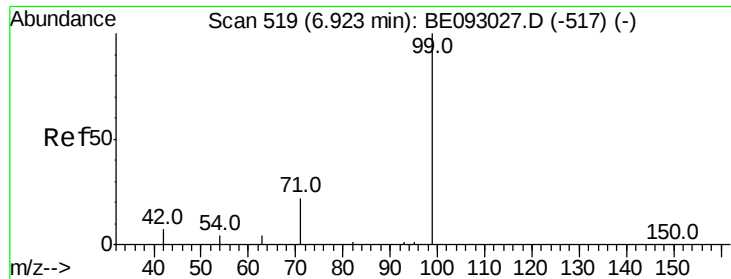


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.24 ng

RT: 6.92 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE093056.D

Acq: 19 May 2017 12:09

Instrument :

BNA_E

ClientSampleId :

PB99051BL

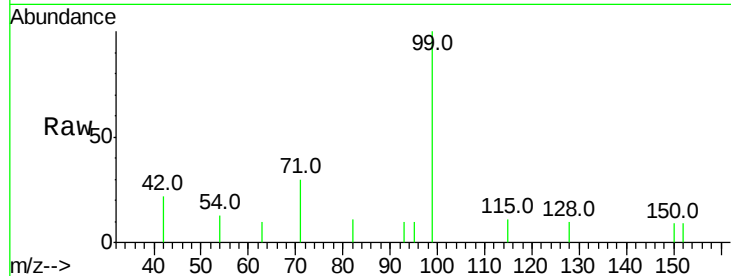
Tot Ion: 99 Resp: 861

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

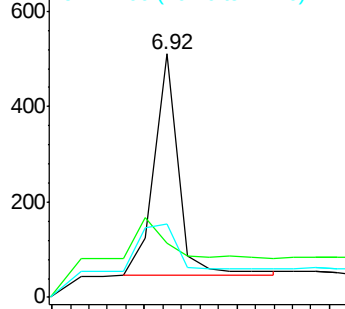
71 33.9 0.0 0.0#



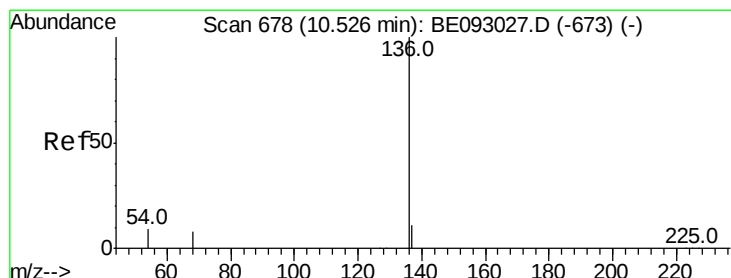
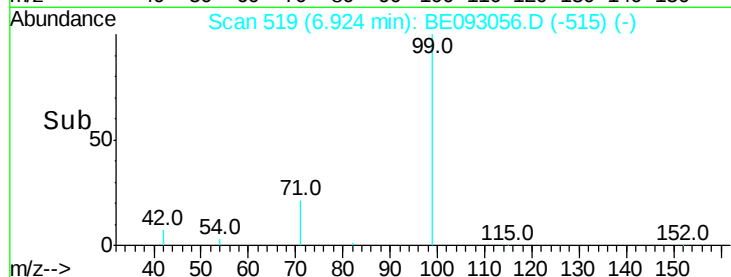
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.80 6.90 7.00



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE093056.D

Acq: 19 May 2017 12:09

Tgt Ion: 136 Resp: 3391

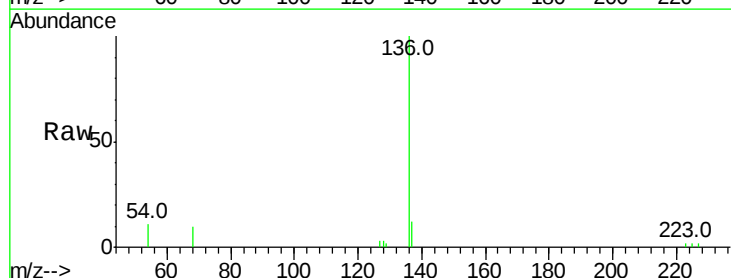
Ion Ratio Lower Upper

136 100

137 12.4 9.8 14.8

54 10.7 10.3 15.5

68 9.7 9.0 13.4

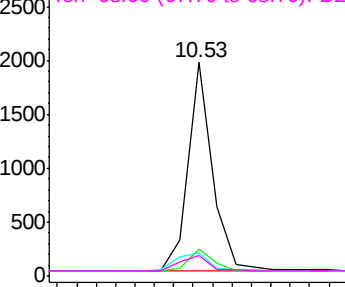


Abundance Ion 136.00 (135.70 to 136.70): E

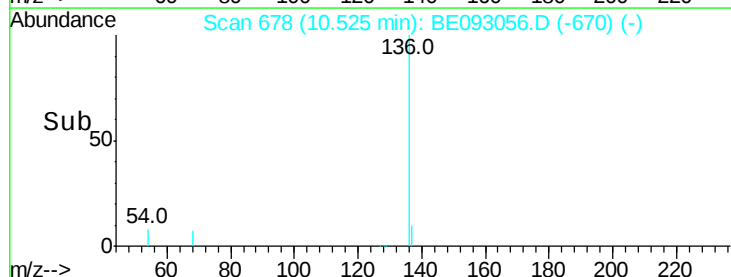
Ion 137.00 (136.70 to 137.70): E

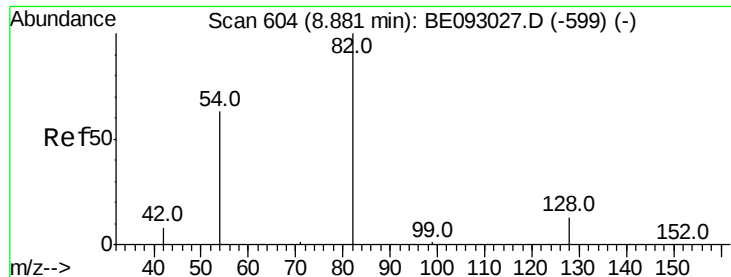
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 10.40 10.50 10.60





#8

Nitrobenzene-d5

Concen: 0.24 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093056.D

Acq: 19 May 2017 12:09

Instrument :

BNA_E

ClientSampleId :

PB99051BL

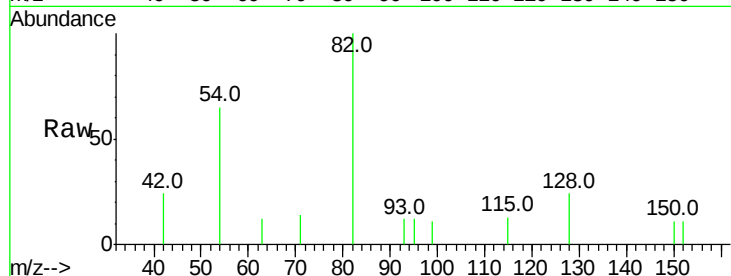
Tot Ion: 82 Resp: 708

Ion Ratio Lower Upper

82 100

128 24.5 17.0 25.4

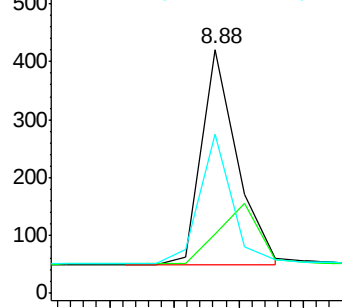
54 65.3 53.8 80.6



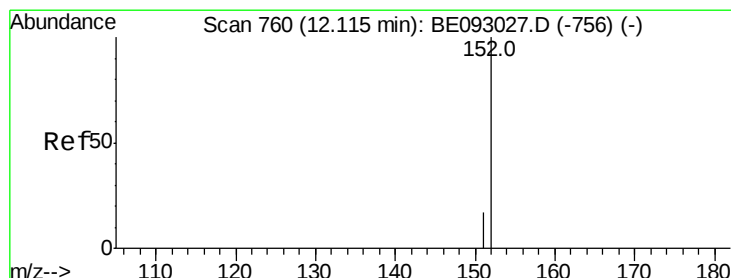
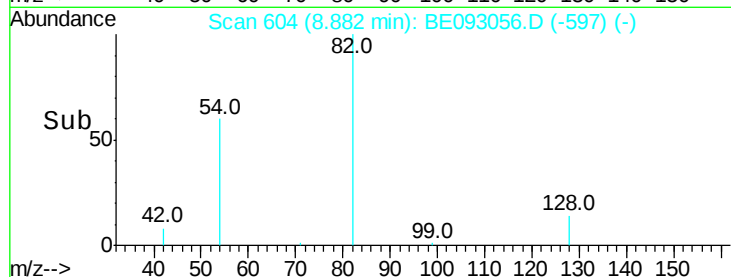
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.22 ng

RT: 12.12 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE093056.D

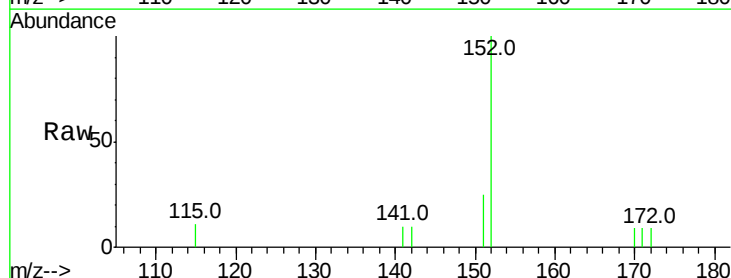
Acq: 19 May 2017 12:09

Tgt Ion: 152 Resp: 1102

Ion Ratio Lower Upper

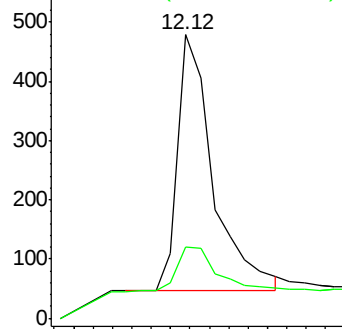
152 100

151 20.1 15.1 22.7

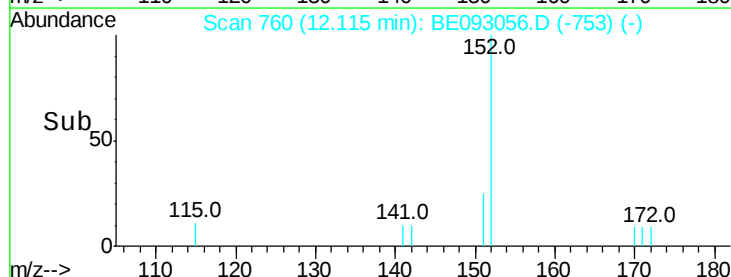


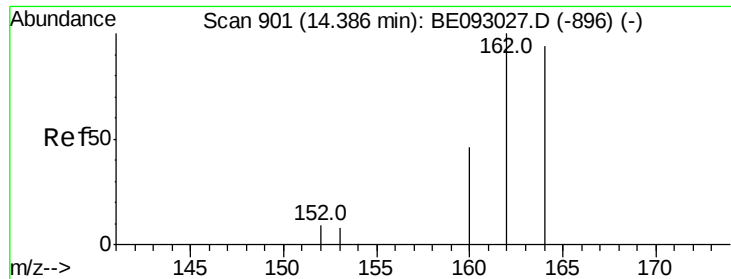
Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0



Time-->





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.40 min Scan# 902

Delta R.T. 0.02 min

Lab File: BE093056.D

Acq: 19 May 2017 12:09

Instrument :

BNA_E

ClientSampleId :

PB99051BL

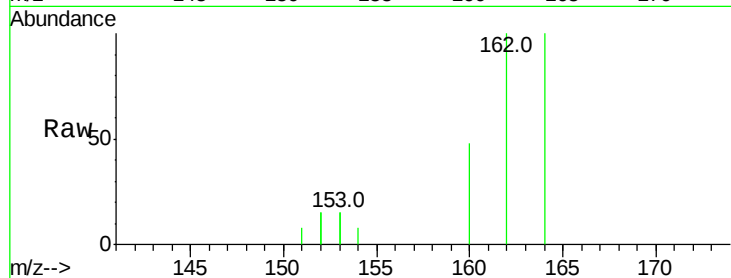
Tot Ion:164 Resp: 1412

Ion Ratio Lower Upper

164 100

162 100.3 84.6 127.0

160 48.2 41.8 62.6

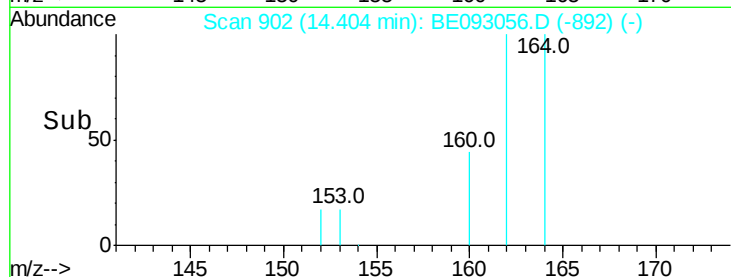


Abundance Ion 164.00 (163.70 to 164.70): E

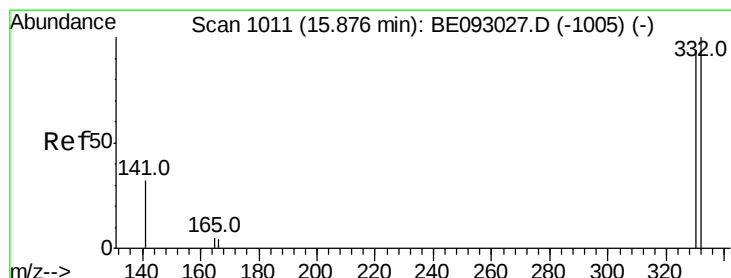
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



Time-->



#14

2,4,6-Tribromophenol

Concen: 0.28 ng

RT: 15.89 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BE093056.D

Acq: 19 May 2017 12:09

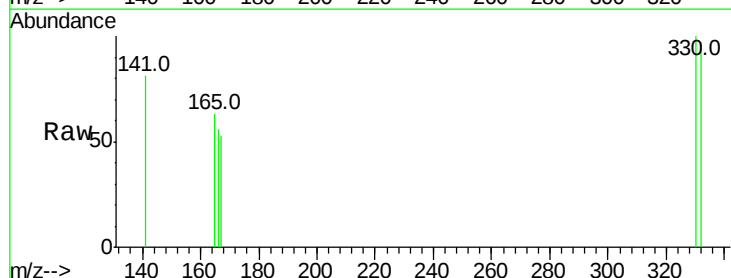
Tgt Ion:330 Resp: 115

Ion Ratio Lower Upper

330 100

332 93.9 77.7 116.5

141 60.0 56.2 84.4

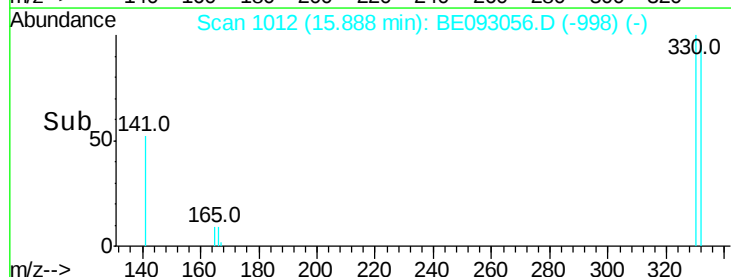


Abundance Ion 330.00 (329.70 to 330.70): E

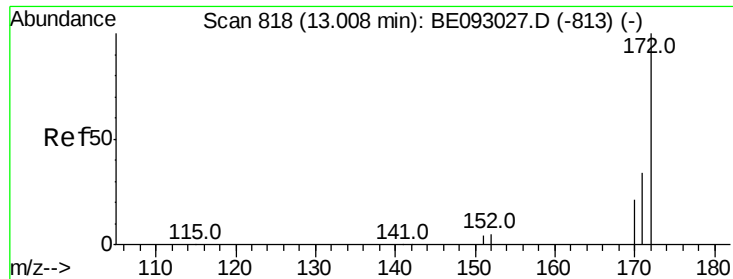
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->



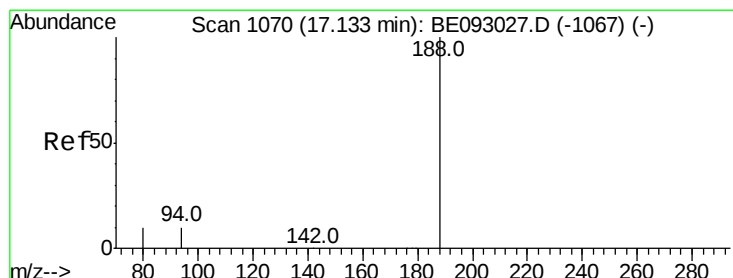
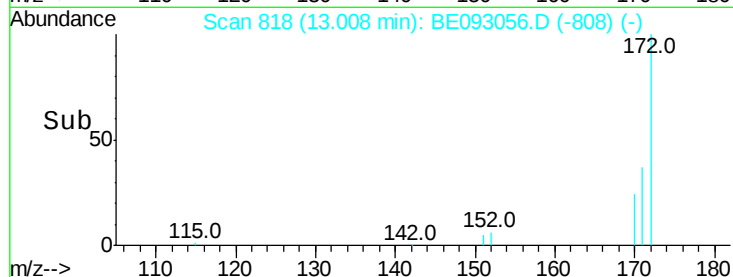
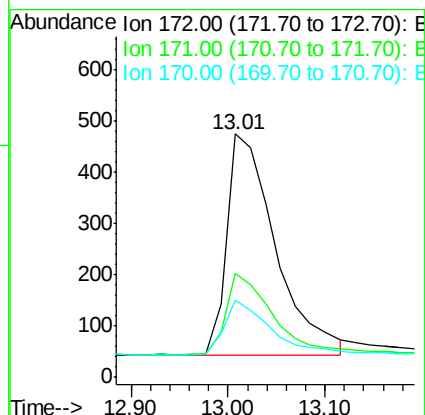
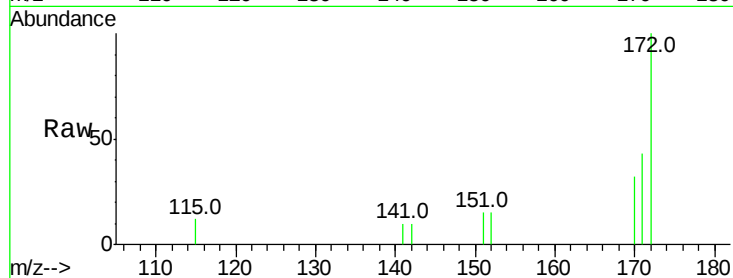
Time-->



#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 13.01 min Scan# 818
Delta R.T. 0.00 min
Lab File: BE093056.D
Acq: 19 May 2017 12:09

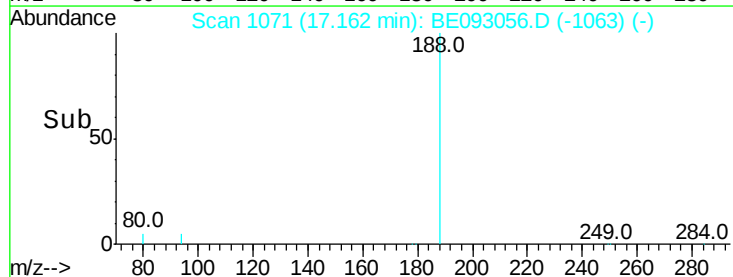
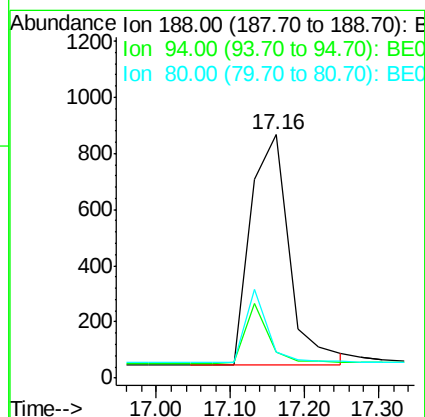
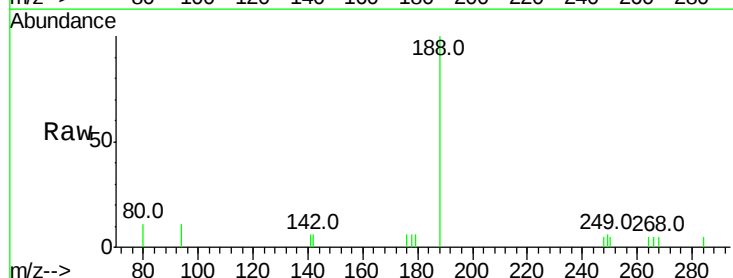
Instrument :
BNA_E
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PB99051BL

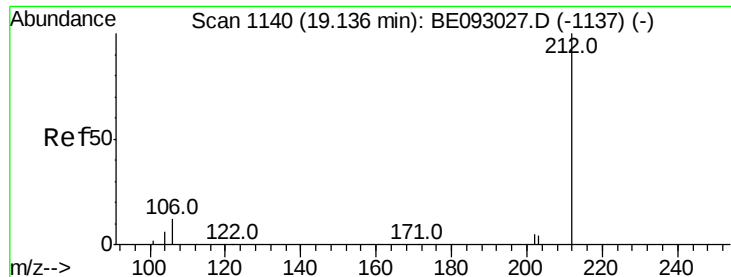
Tot Ion:172 Resp: 1503
Ion Ratio Lower Upper
172 100
171 42.8 29.8 44.6
170 31.6 20.7 31.1#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.16 min Scan# 1071
Delta R.T. 0.03 min
Lab File: BE093056.D
Acq: 19 May 2017 12:09

Tgt Ion:188 Resp: 2979
Ion Ratio Lower Upper
188 100
94 10.7 11.3 16.9#
80 10.8 11.7 17.5#





#25

Fluoranthene-d10

Concen: 0.28 ng

RT: 19.14 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BE093056.D

Acq: 19 May 2017 12:09

Instrument :

BNA_E

ClientSampleId :

PB99051BL

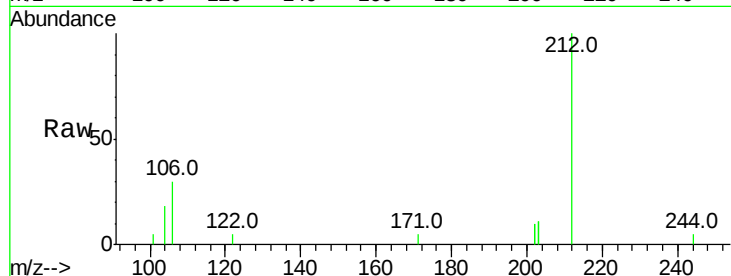
Tot Ion:212 Resp: 2199

Ion Ratio Lower Upper

212 100

106 18.1 0.0 0.0#

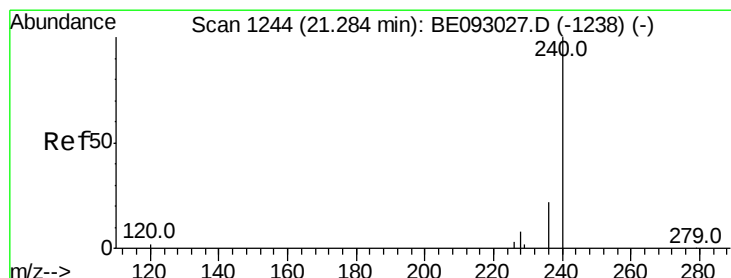
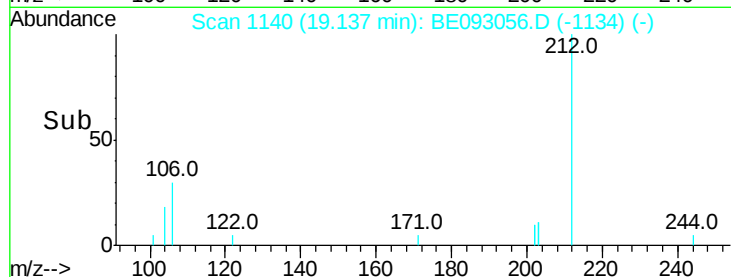
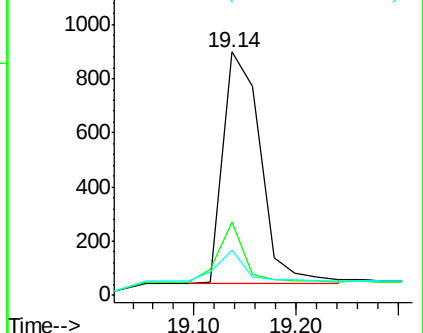
104 9.5 0.0 0.0#



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: 0.40 ng

RT: 21.28 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE093056.D

Acq: 19 May 2017 12:09

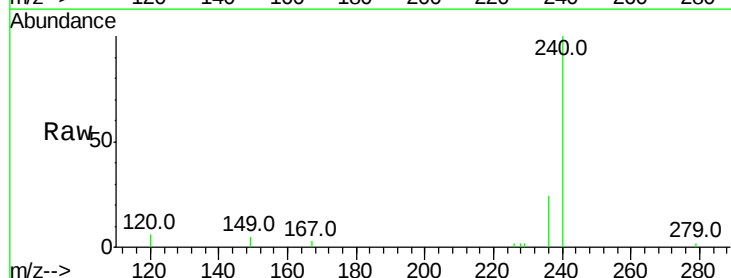
Tgt Ion:240 Resp: 3984

Ion Ratio Lower Upper

240 100

120 5.8 4.6 7.0

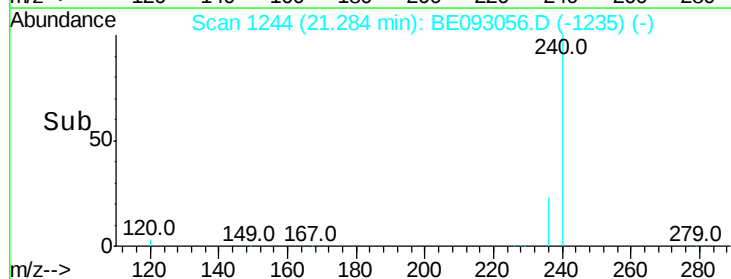
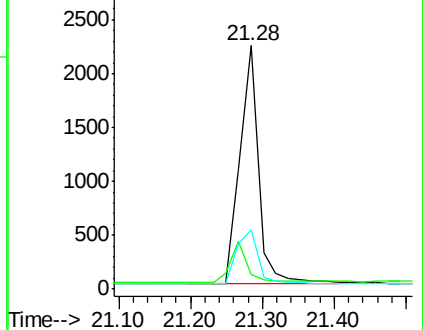
236 24.5 20.8 31.2

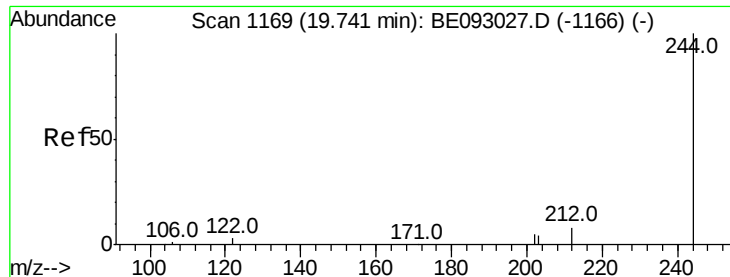


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.27 ng

RT: 19.74 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BE093056.D

Acq: 19 May 2017 12:09

Instrument :

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PB99051BL

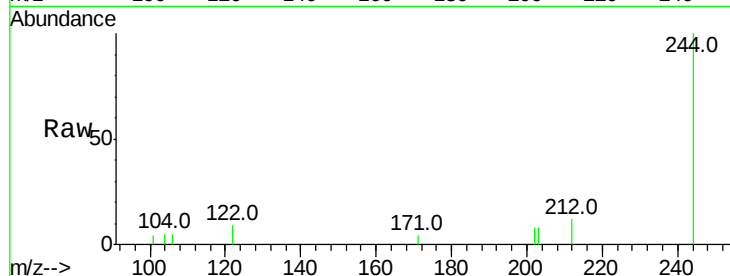
Tot Ion:244 Resp: 2014

Ion Ratio Lower Upper

244 100

212 11.5 10.6 16.0

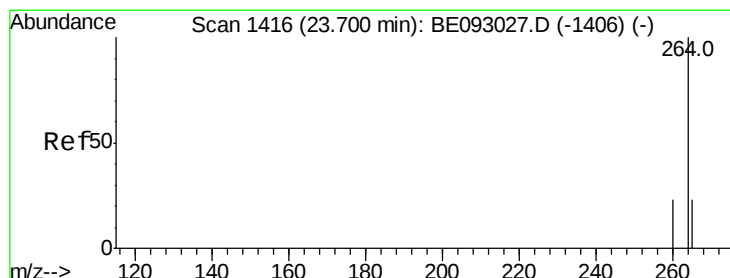
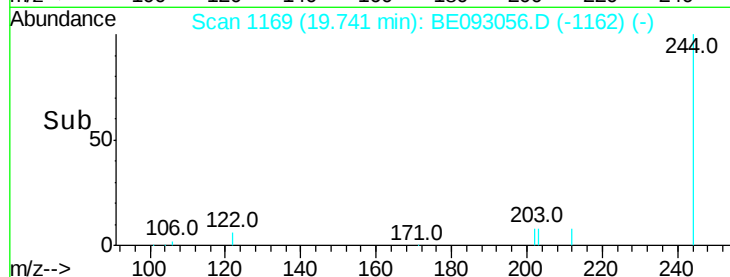
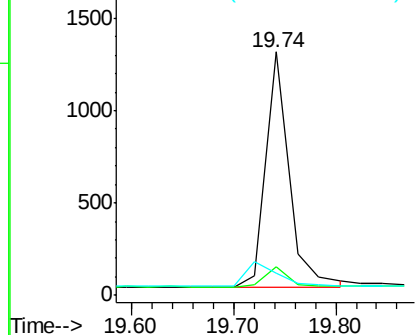
122 9.2 15.4 23.0#



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: 0.40 ng

RT: 23.70 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BE093056.D

Acq: 19 May 2017 12:09

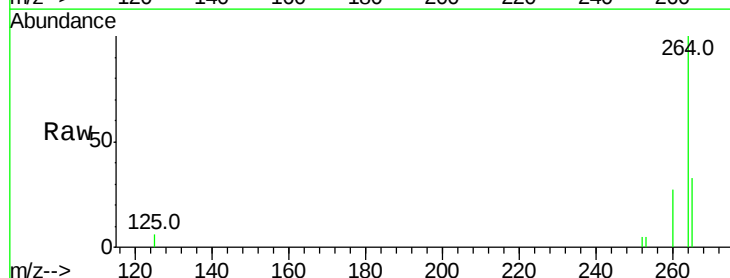
Tgt Ion:264 Resp: 3727

Ion Ratio Lower Upper

264 100

260 27.1 21.0 31.4

265 32.6 24.6 36.8



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

