

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031219\
 Data File : BE098897.D
 Acq On : 12 Mar 2019 14:35
 Operator : JU/SJ
 Sample : K1839-01DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE109D2-20190307DL

Quant Time: Mar 13 07:57:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

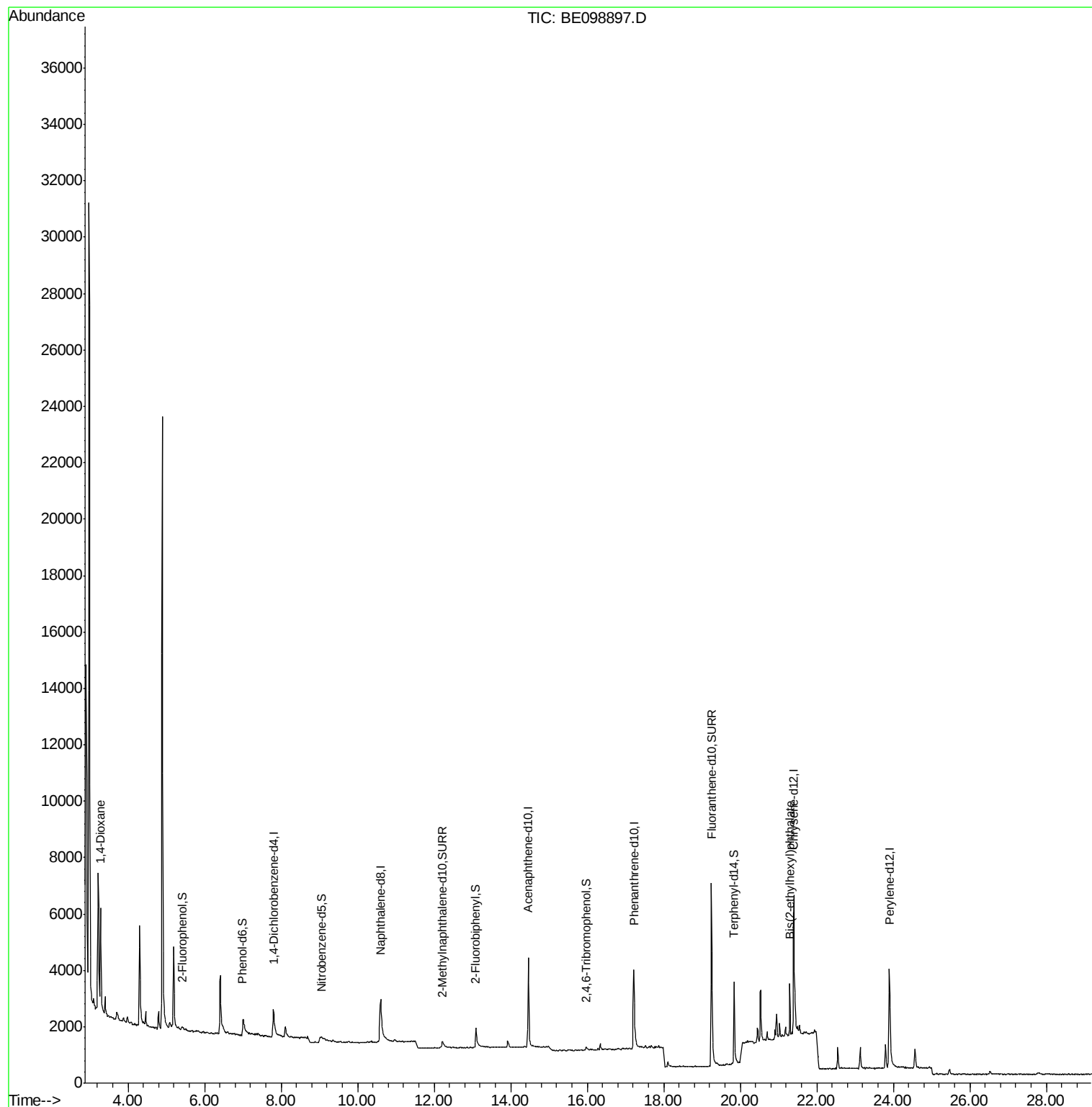
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	782	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3225	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2439	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6070	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7227	0.40	ng	0.00
34) Perylene-d12	23.90	264	6712	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	124	0.05	ng	0.04
5) Phenol-d6	6.99	99	108	0.03	ng	0.00
8) Nitrobenzene-d5	9.07	82	277	0.08	ng	0.10
11) 2-Methylnaphthalene-d10	12.21	152	800	0.13	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	155	0.13	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	1400	0.14	ng	0.00
25) Fluoranthene-d10	19.25	212	12305	0.13	ng	0.00
29) Terphenyl-d14	19.84	244	3280	0.19	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	2157	1.687	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	2225	0.046	ng	100

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

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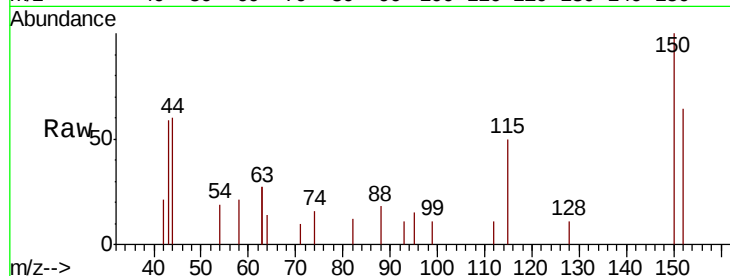


#1

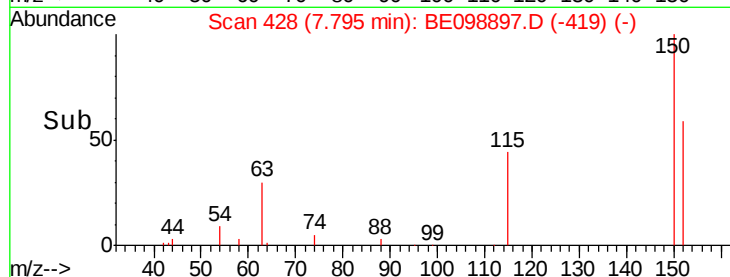
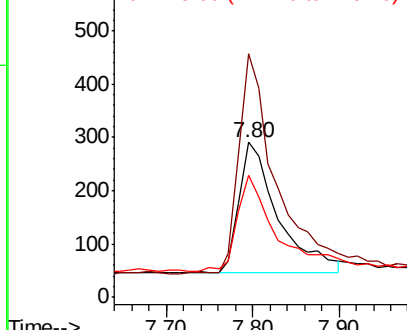
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098897.D
Acq: 12 Mar 2019 14:35

Instrument :
BNA_E
ClientSampleId :
RE109D2-20190307DL

Tot Ion:152 Resp: 782
Ion Ratio Lower Upper
152 100
150 157.0 122.5 183.7
115 79.0 57.4 86.2



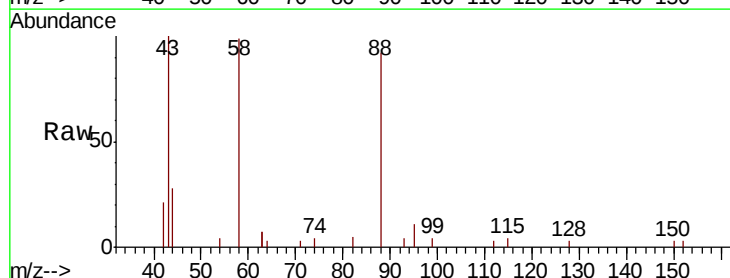
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



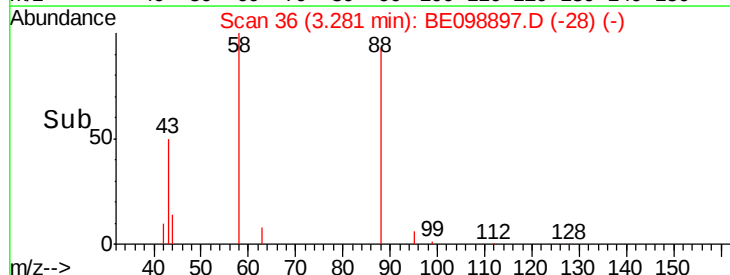
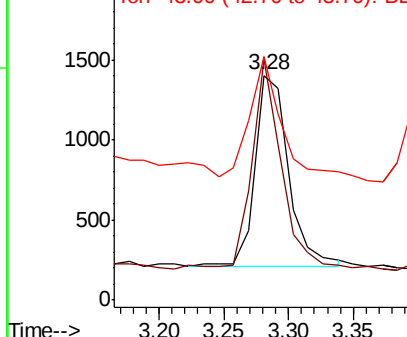
#2

1,4-Dioxane
Concen: 1.687 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098897.D
Acq: 12 Mar 2019 14:35

Tgt Ion: 88 Resp: 2157
Ion Ratio Lower Upper
88 100
58 96.2 75.8 113.6
43 56.7 41.8 62.8



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.053 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.04 min

Lab File: BE098897.D

Acq: 12 Mar 2019 14:35

Instrument :

BNA_E

ClientSampleId :

RE109D2-20190307DL

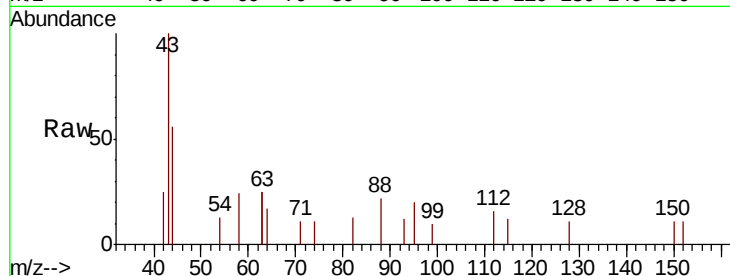
Tot Ion:112 Resp: 124

Ion Ratio Lower Upper

112 100

64 66.9 57.9 86.9

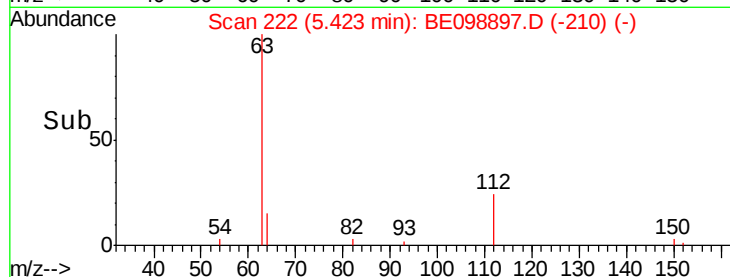
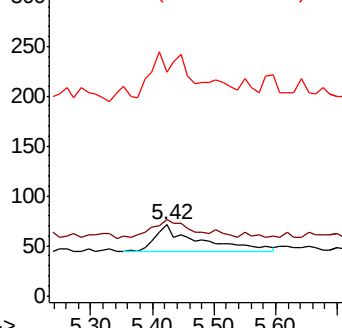
63 66.1 158.3 237.5#



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: 0.033 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098897.D

Acq: 12 Mar 2019 14:35

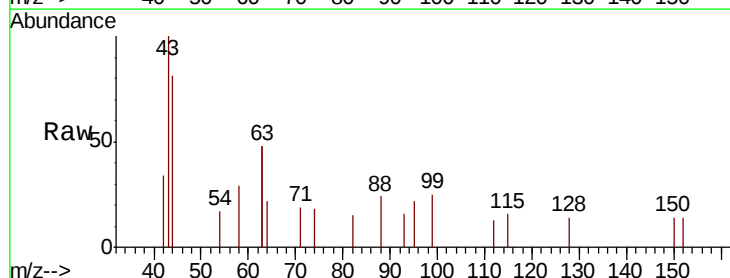
Tgt Ion: 99 Resp: 108

Ion Ratio Lower Upper

99 100

42 114.8 24.2 36.2#

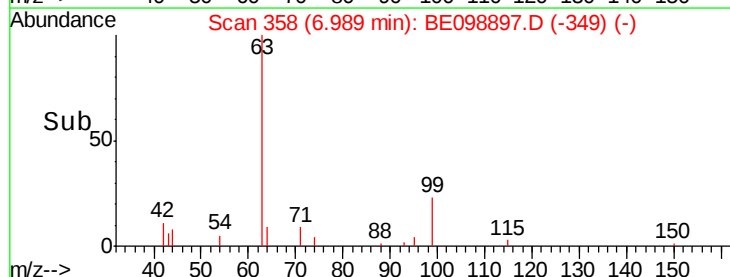
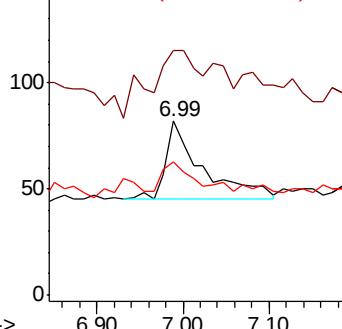
71 33.3 35.7 53.5#



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: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098897.D

Acq: 12 Mar 2019 14:35

Instrument :

BNA_E

ClientSampleId :

RE109D2-20190307DL

Tot Ion:136 Resp: 3225

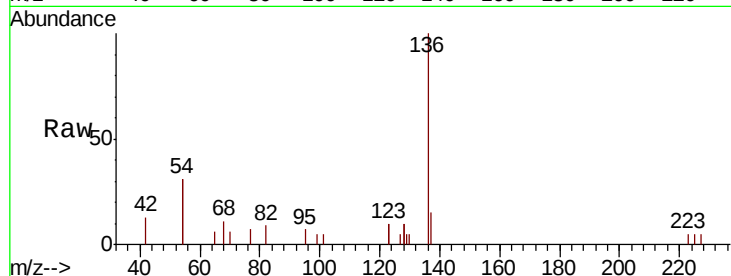
Ion Ratio Lower Upper

136 100

137 14.8 11.4 17.0

54 62.4 39.3 58.9#

68 11.4 6.7 10.1#

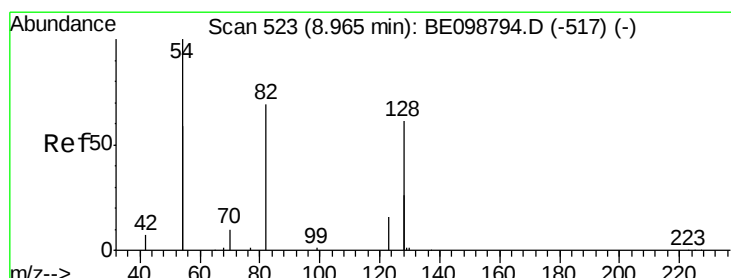
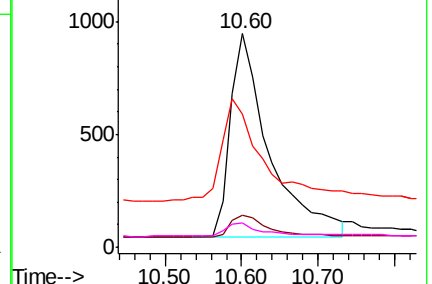
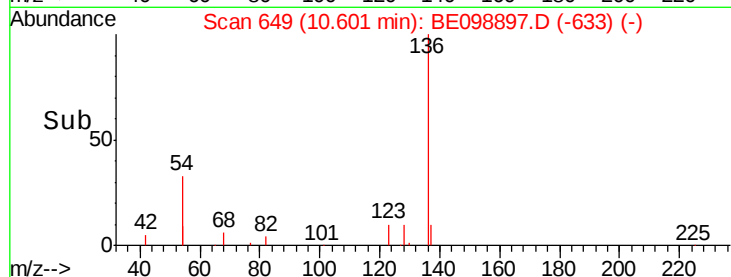


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.082 ng

RT: 9.07 min Scan# 531

Delta R.T. 0.10 min

Lab File: BE098897.D

Acq: 12 Mar 2019 14:35

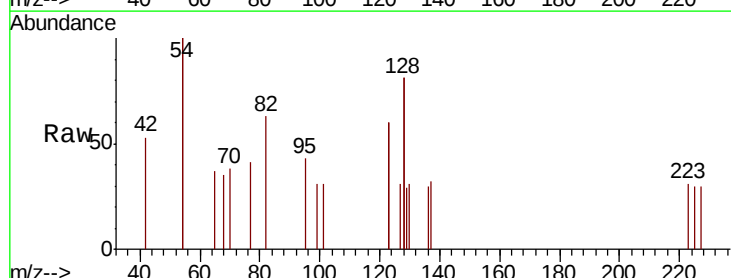
Tgt Ion: 82 Resp: 277

Ion Ratio Lower Upper

82 100

128 257.4 123.8 185.8#

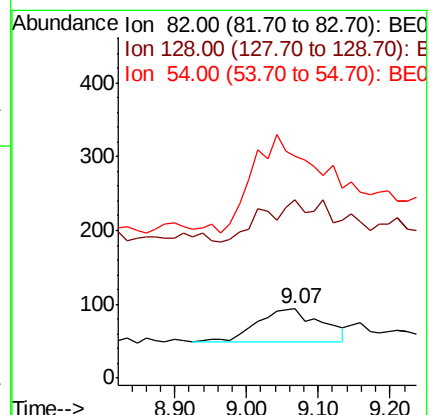
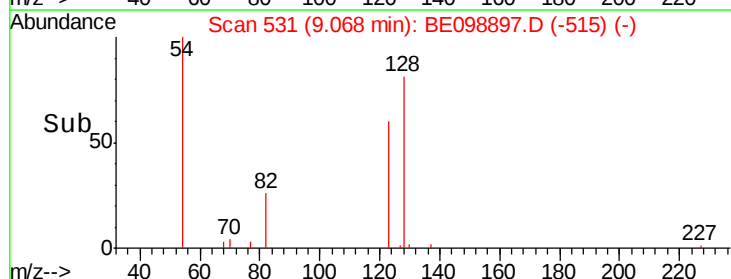
54 319.1 203.4 305.2#



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

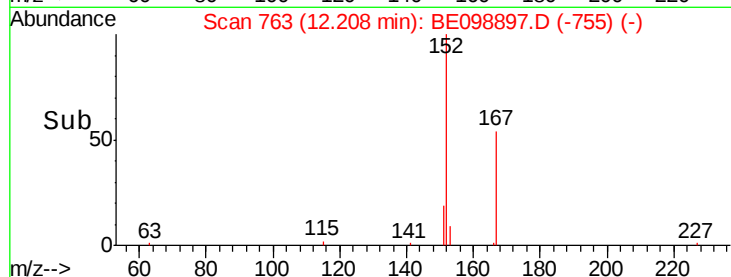
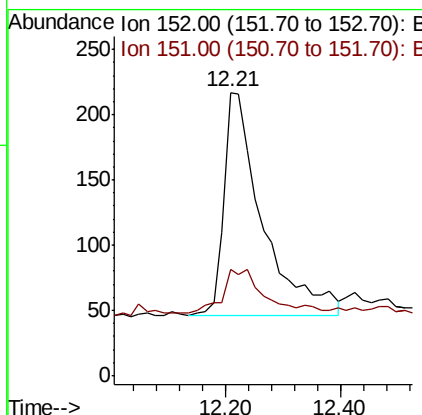
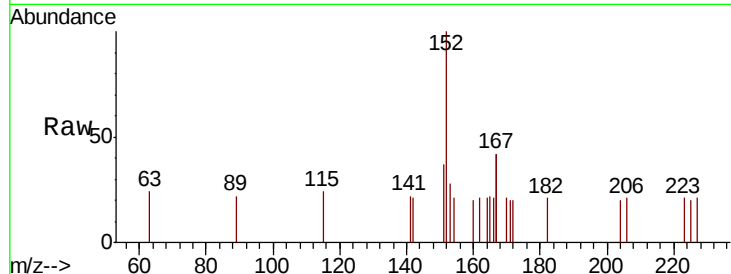




#11
2-Methylnaphthalene-d10
Concen: 0.134 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE098897.D
Acq: 12 Mar 2019 14:35

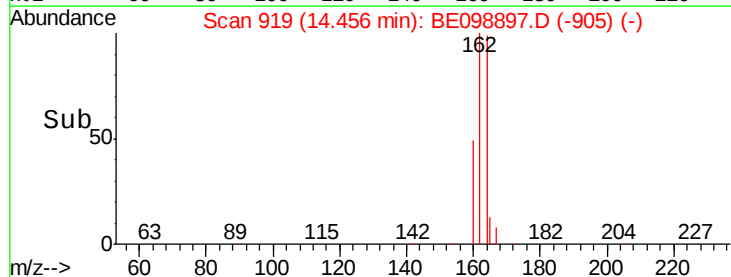
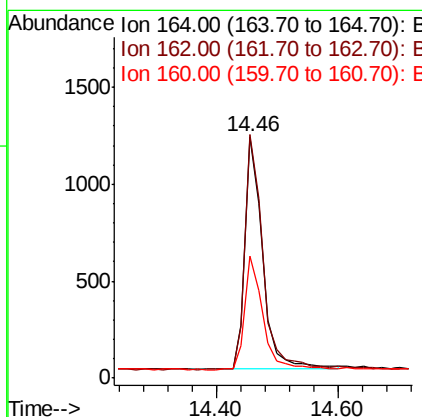
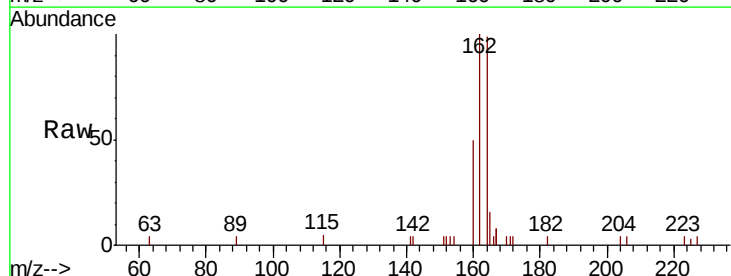
Instrument :
BNA_E
ClientSampleId :
RE109D2-20190307DL

Tot Ion:152 Resp: 800
Ion Ratio Lower Upper
152 100
151 21.0 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098897.D
Acq: 12 Mar 2019 14:35

Tgt Ion:164 Resp: 2439
Ion Ratio Lower Upper
164 100
162 100.9 80.2 120.2
160 50.8 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.126 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098897.D

Acq: 12 Mar 2019 14:35

Instrument :

BNA_E

ClientSampleId :

RE109D2-20190307DL

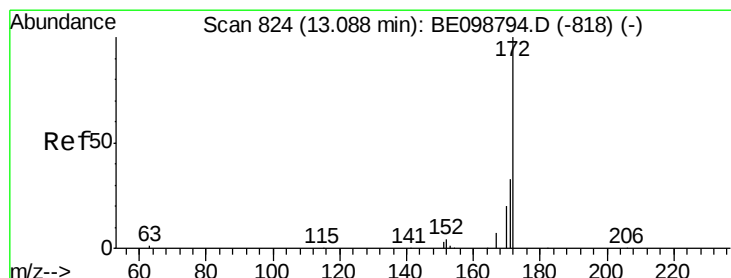
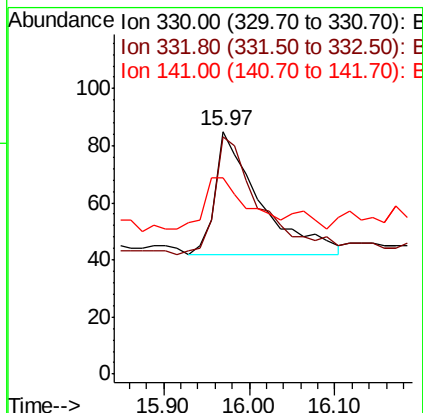
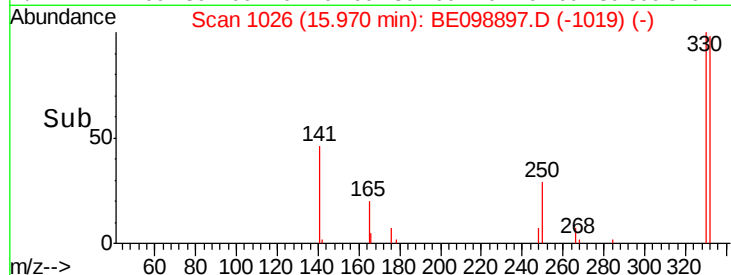
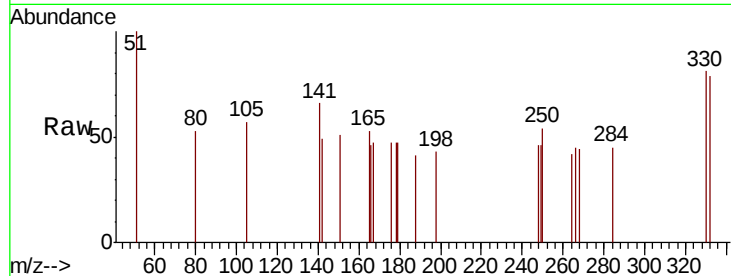
Tot Ion:330 Resp: 155

Ion Ratio Lower Upper

330 100

332 105.2 77.6 116.4

141 38.7 31.0 46.4



#15

2-Fluorobiphenyl

Concen: 0.139 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE098897.D

Acq: 12 Mar 2019 14:35

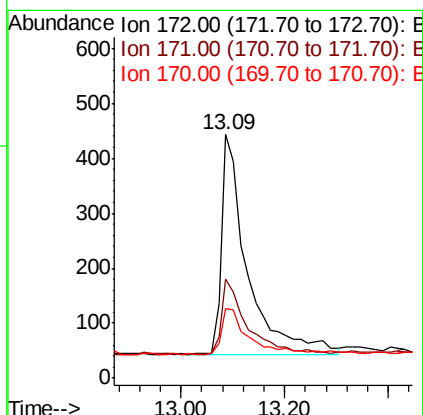
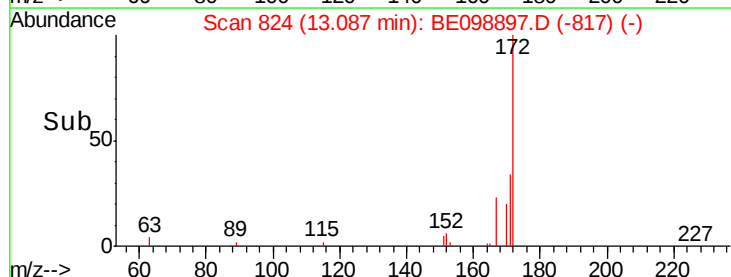
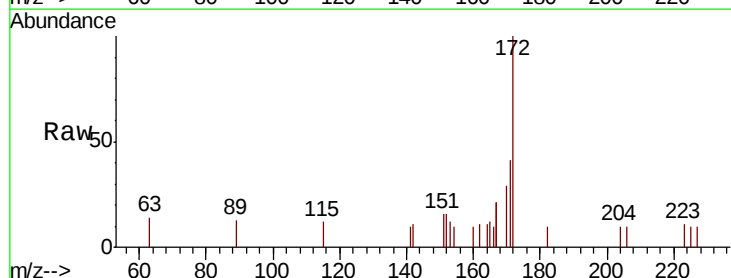
Tgt Ion:172 Resp: 1400

Ion Ratio Lower Upper

172 100

171 40.6 28.0 42.0

170 28.7 17.7 26.5#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098897.D

Acq: 12 Mar 2019 14:35

Instrument :

BNA_E

ClientSampleId :

RE109D2-20190307DL

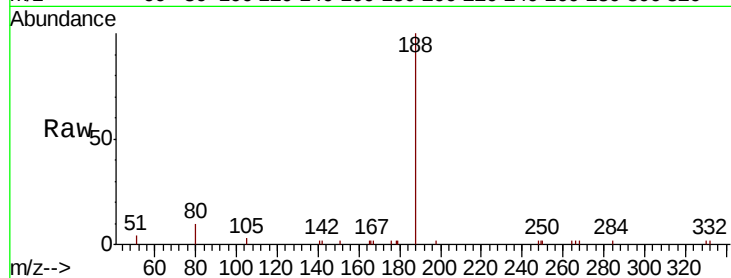
Tot Ion:188 Resp: 6070

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

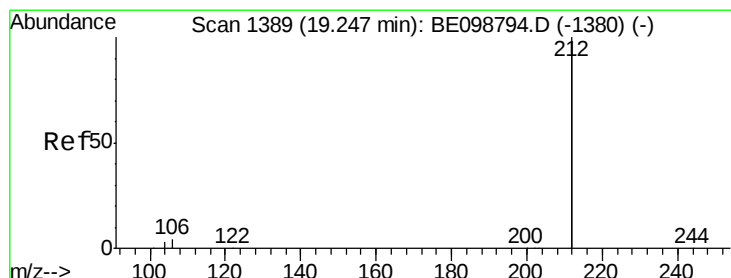
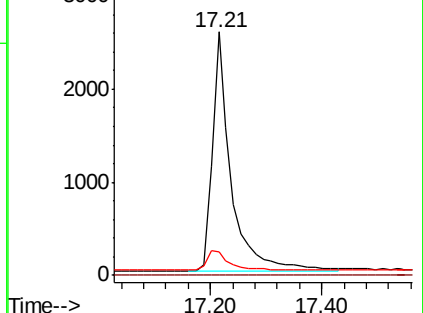
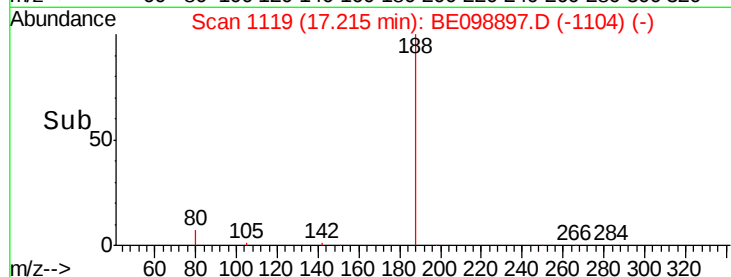
80 9.5 6.3 9.5#



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: 0.127 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098897.D

Acq: 12 Mar 2019 14:35

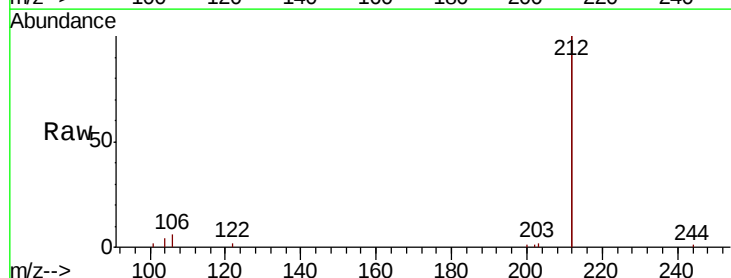
Tgt Ion:212 Resp: 12305

Ion Ratio Lower Upper

212 100

106 2.5 1.8 2.8

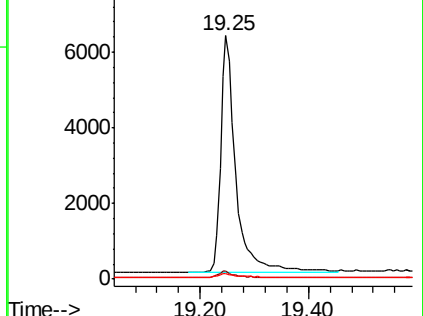
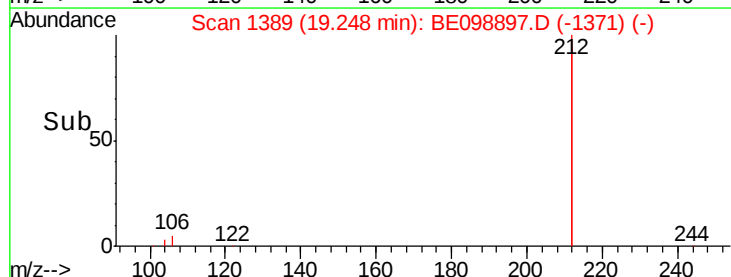
104 1.6 1.0 1.6#



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: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE098897.D

Acq: 12 Mar 2019 14:35

Instrument :

BNA_E

ClientSampleId :

RE109D2-20190307DL

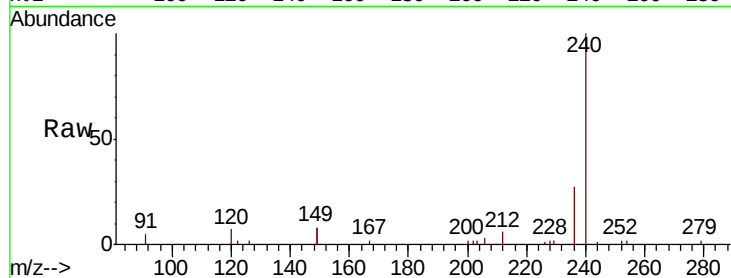
Tot Ion:240 Resp: 7227

Ion Ratio Lower Upper

240 100

120 6.7 5.0 7.4

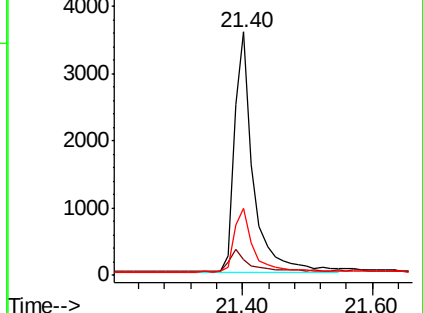
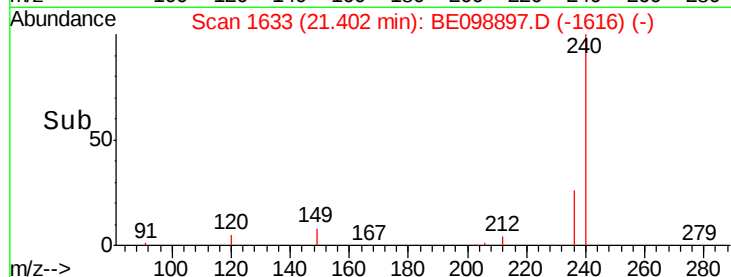
236 27.3 22.7 34.1



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: 0.187 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098897.D

Acq: 12 Mar 2019 14:35

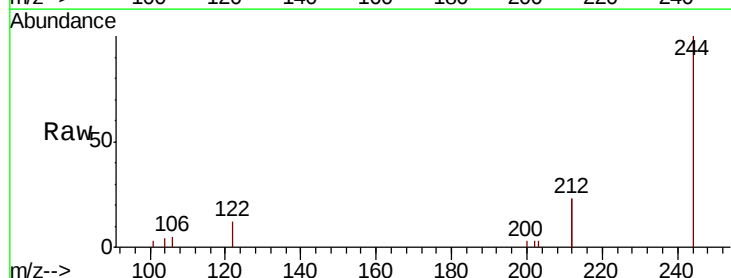
Tgt Ion:244 Resp: 3280

Ion Ratio Lower Upper

244 100

212 46.3 29.4 44.2#

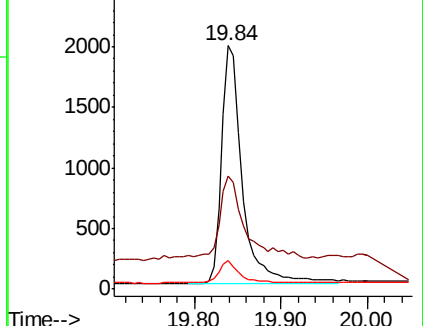
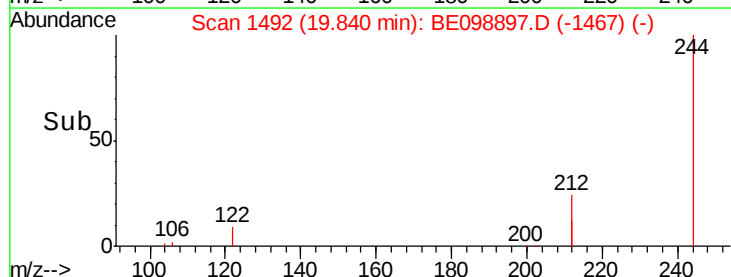
122 11.8 7.1 10.7#

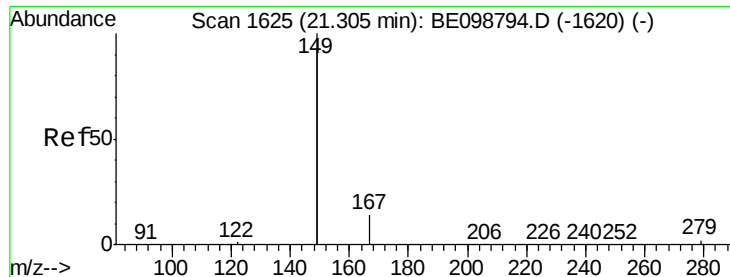


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

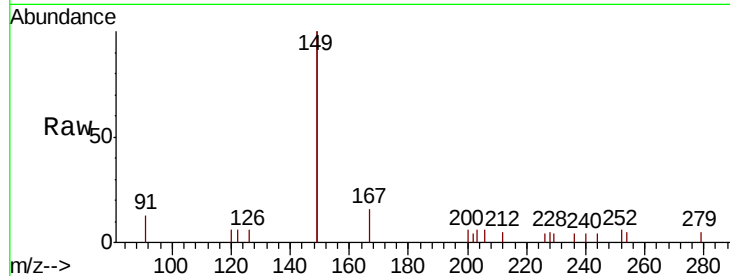




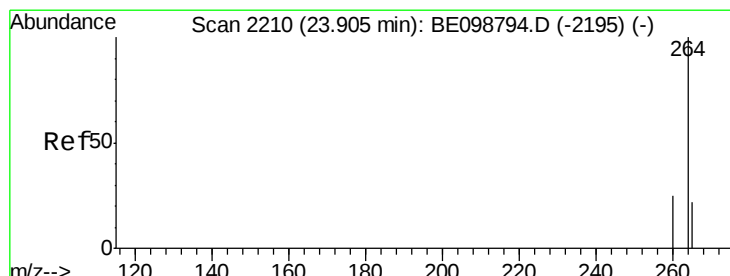
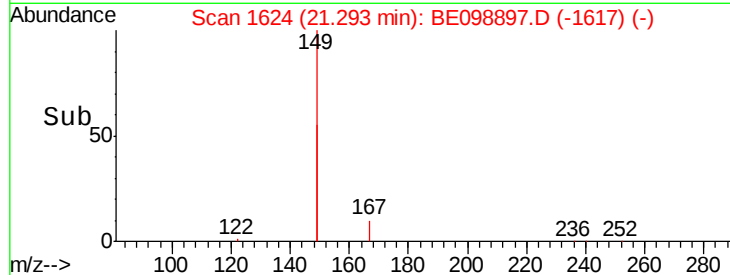
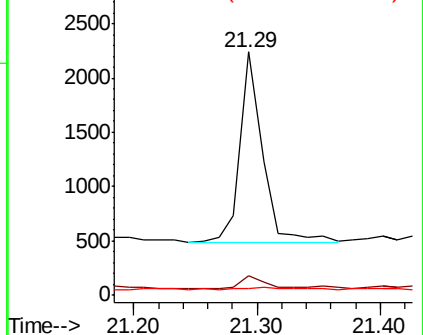
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.046 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE098897.D
 Acq: 12 Mar 2019 14:35

Instrument :
 BNA_E
 ClientSampleId :
 RE109D2-20190307DL

Tot Ion:149 Resp: 2225
 Ion Ratio Lower Upper
 149 100
 167 6.7 5.4 8.0
 279 1.4 1.0 1.4

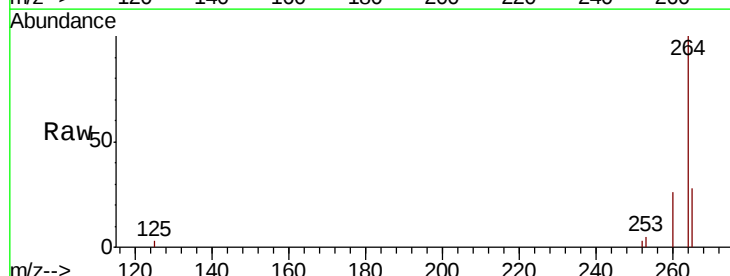


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BE098897.D
 Acq: 12 Mar 2019 14:35

Tgt Ion:264 Resp: 6712
 Ion Ratio Lower Upper
 264 100
 260 25.7 21.2 31.8
 265 28.2 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

