

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062519\
 Data File : BE100182.D
 Acq On : 25 Jun 2019 16:24
 Operator : JU/SJ
 Sample : PB120573BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120573BL

Quant Time: Jun 26 03:23:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 15:40:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	486	0.40	ng	0.02
7) Naphthalene-d8	10.50	136	1659	0.40	ng	0.03
13) Acenaphthene-d10	14.36	164	1188	0.40	ng	0.02
19) Phenanthrene-d10	17.11	188	3483	0.40	ng	0.01
27) Chrysene-d12	21.29	240	4867	0.40	ng	0.01
34) Perylene-d12	23.74	264	6162	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	332	0.31	ng	0.01
5) Phenol-d6	6.94	99	355	0.24	ng	0.07
8) Nitrobenzene-d5	8.91	82	331	0.20	ng	0.07
11) 2-Methylnaphthalene-d10	12.12	152	795	0.26	ng	0.04
14) 2,4,6-Tribromophenol	15.92	330	84	0.12	ng	0.07
15) 2-Fluorobiphenyl	13.00	172	1429	0.30	ng	0.03
25) Fluoranthene-d10	19.14	212	14202	0.28	ng	0.01
29) Terphenyl-d14	19.74	244	3024	0.32	ng	0.00

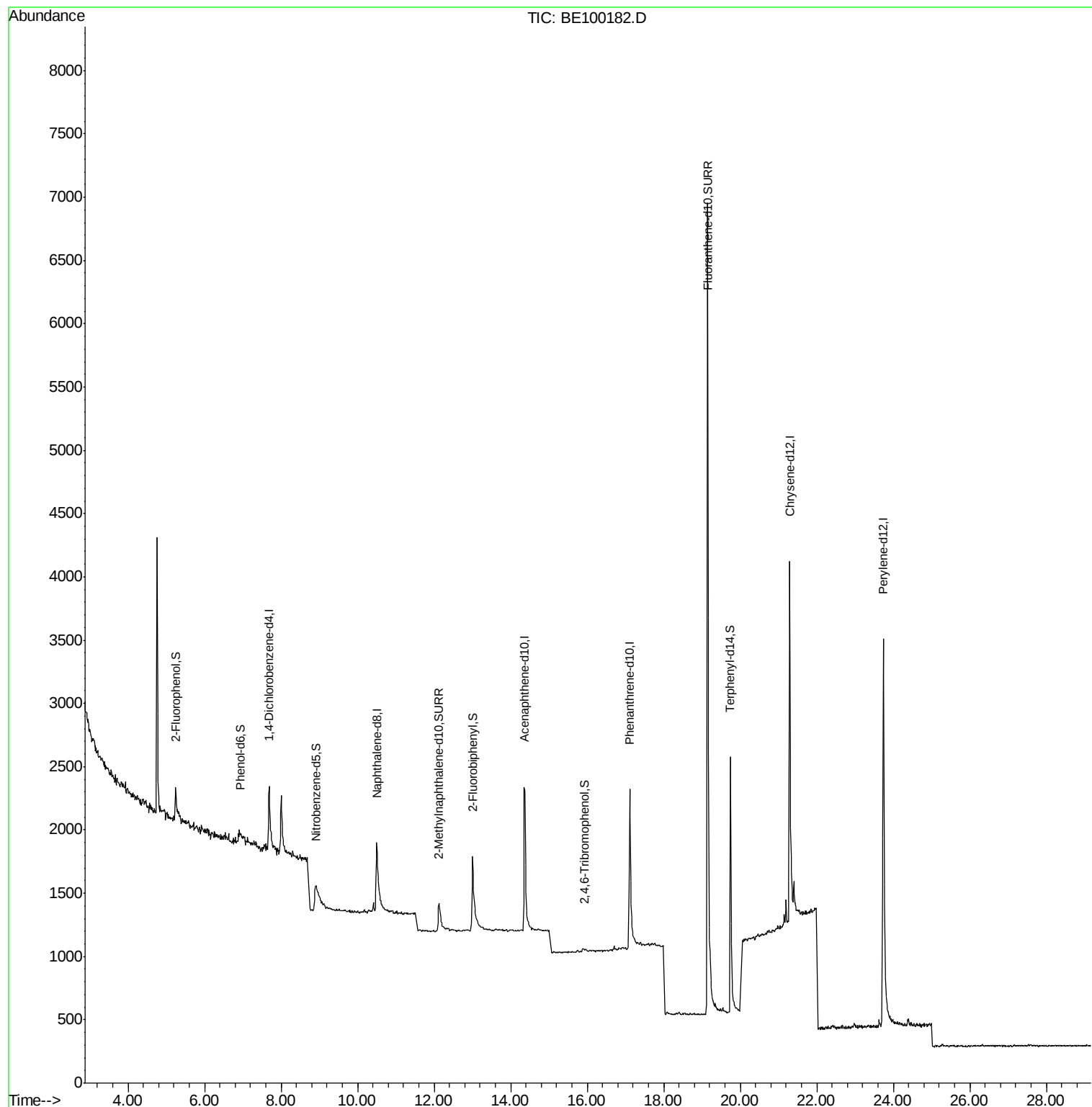
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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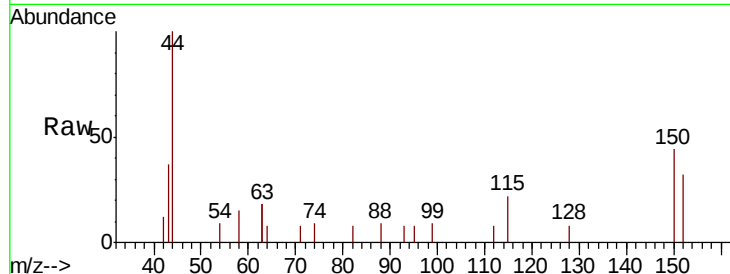


#1

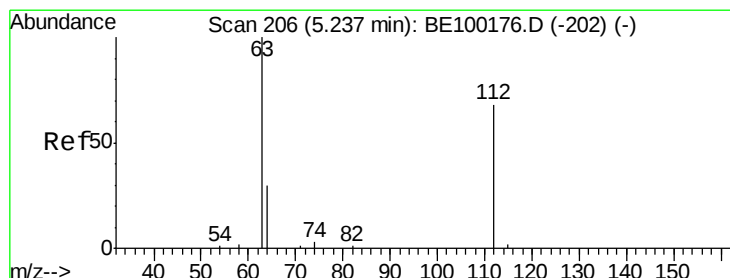
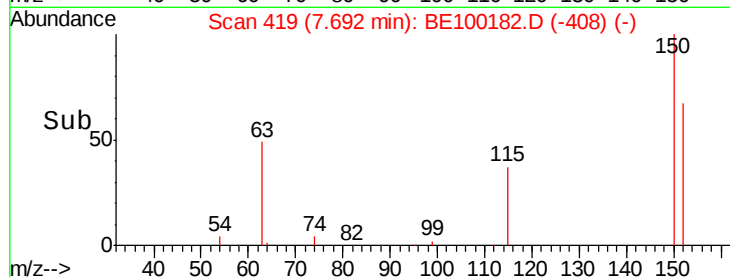
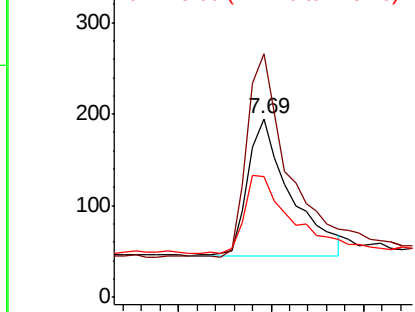
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 419
Delta R.T. 0.02 min
Lab File: BE100182.D
Acq: 25 Jun 2019 16:24

Instrument :
BNA_E
ClientSampleId :
PB120573BL

Tgt Ion:152 Resp: 486
Ion Ratio Lower Upper
152 100
150 136.4 113.4 170.2
115 67.7 55.8 83.6



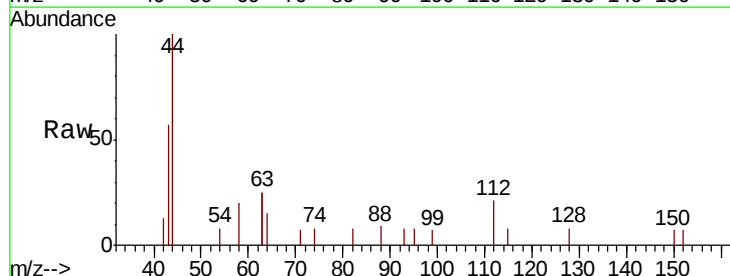
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



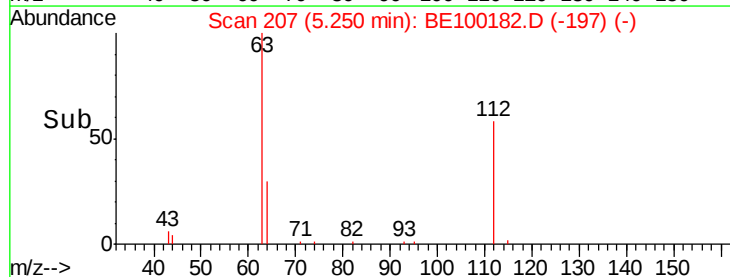
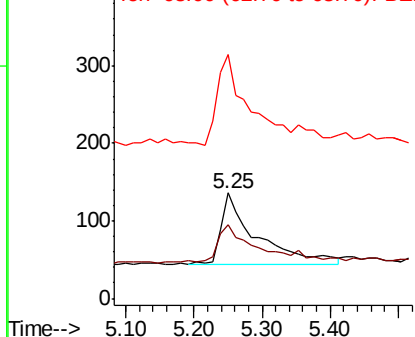
#4

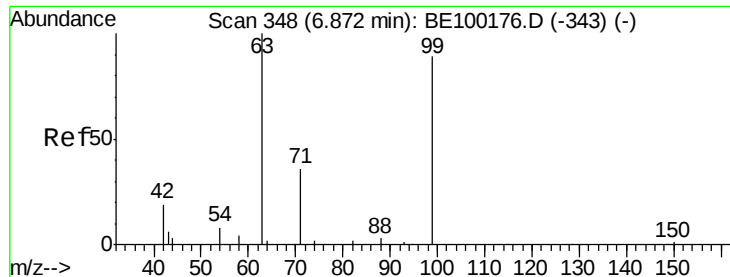
2-Fluorophenol
Concen: 0.307 ng
RT: 5.25 min Scan# 207
Delta R.T. 0.01 min
Lab File: BE100182.D
Acq: 25 Jun 2019 16:24

Tgt Ion:112 Resp: 332
Ion Ratio Lower Upper
112 100
64 53.0 40.7 61.1
63 108.1 93.2 139.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.239 ng

RT: 6.94 min Scan# 354

Delta R.T. 0.07 min

Lab File: BE100182.D

Acq: 25 Jun 2019 16:24

Instrument :

BNA_E

ClientSampleId :

PB120573BL

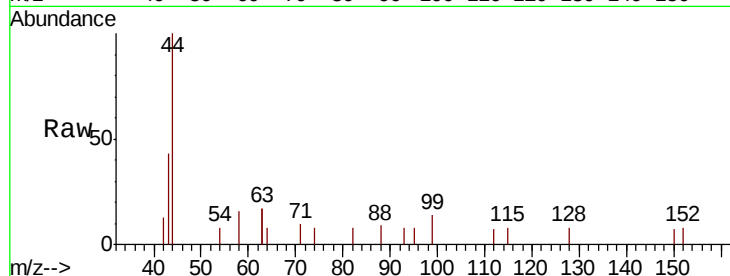
Tgt Ion: 99 Resp: 355

Ion Ratio Lower Upper

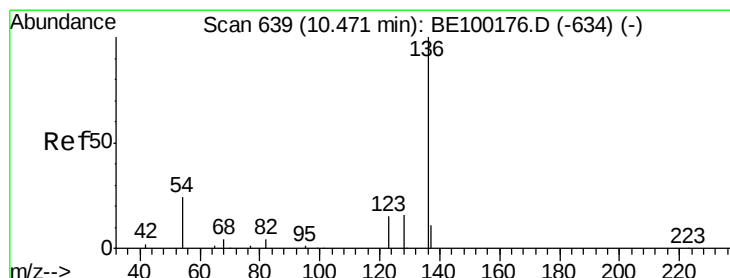
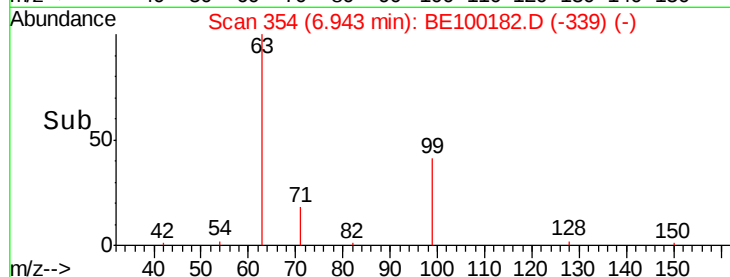
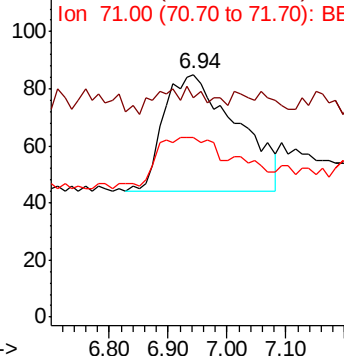
99 100

42 0.0 10.4 15.6#

71 0.0 32.4 48.6#



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 641

Delta R.T. 0.03 min

Lab File: BE100182.D

Acq: 25 Jun 2019 16:24

Tgt Ion: 136 Resp: 1659

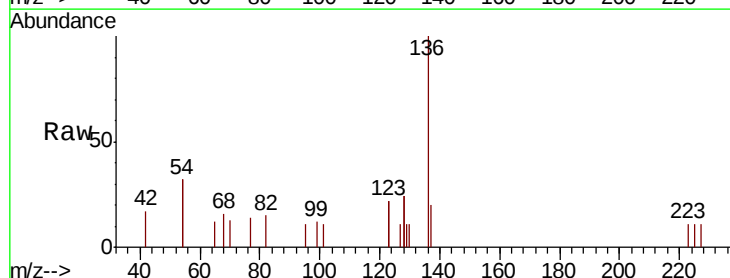
Ion Ratio Lower Upper

136 100

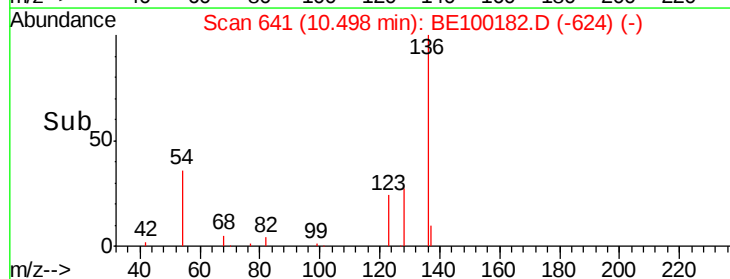
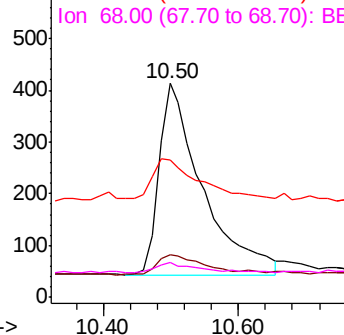
137 19.6 13.8 20.8

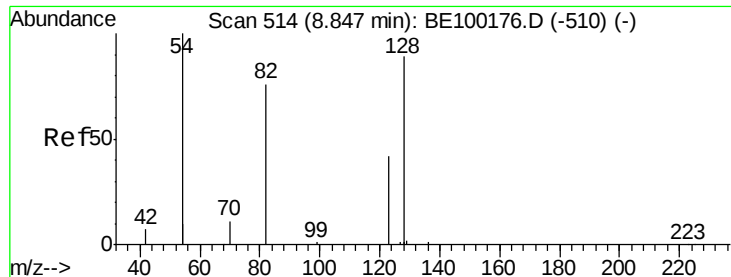
54 64.4 35.4 53.2#

68 16.2 8.8 13.2#



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): BE1
Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.200 ng

RT: 8.91 min Scan# 519

Delta R.T. 0.07 min

Lab File: BE100182.D

Acq: 25 Jun 2019 16:24

Instrument :

BNA_E

ClientSampleId :

PB120573BL

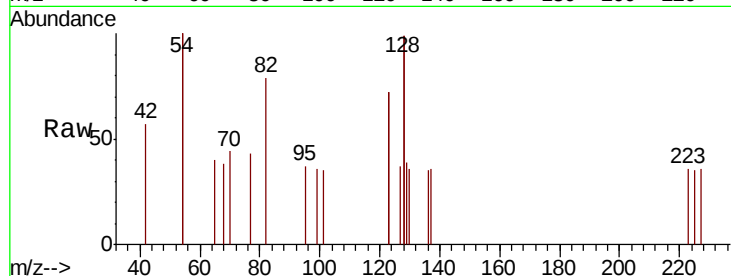
Tgt Ion: 82 Resp: 331

Ion Ratio Lower Upper

82 100

128 252.5 144.6 217.0#

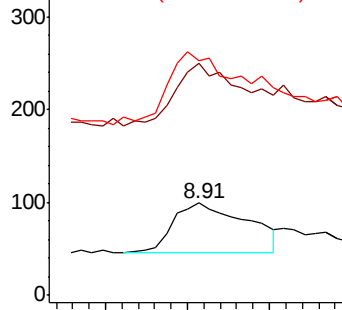
54 254.5 163.0 244.6#



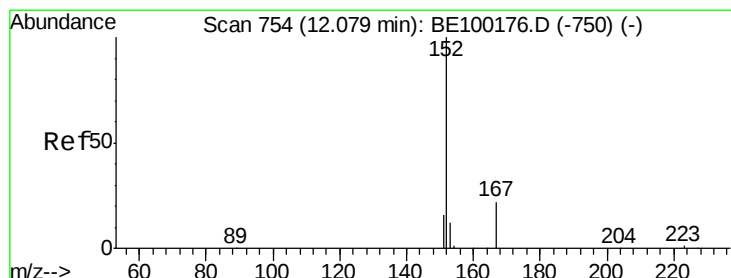
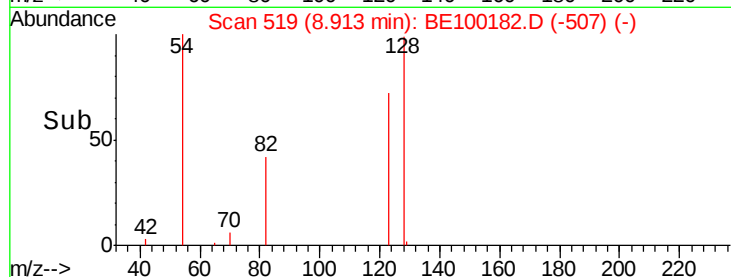
Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.256 ng

RT: 12.12 min Scan# 757

Delta R.T. 0.04 min

Lab File: BE100182.D

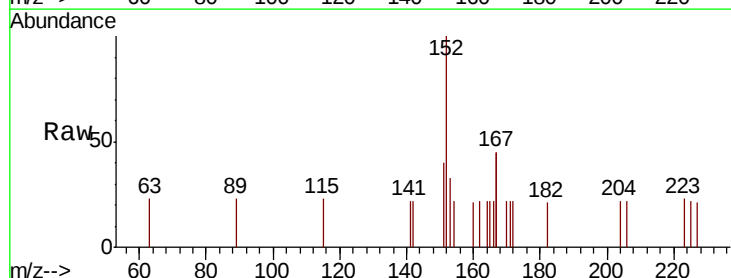
Acq: 25 Jun 2019 16:24

Tgt Ion: 152 Resp: 795

Ion Ratio Lower Upper

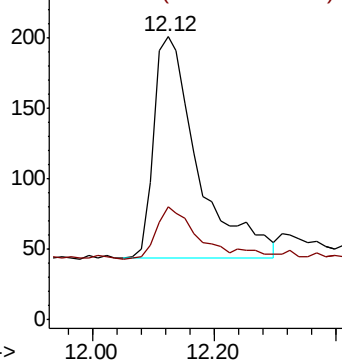
152 100

151 23.9 16.3 24.5

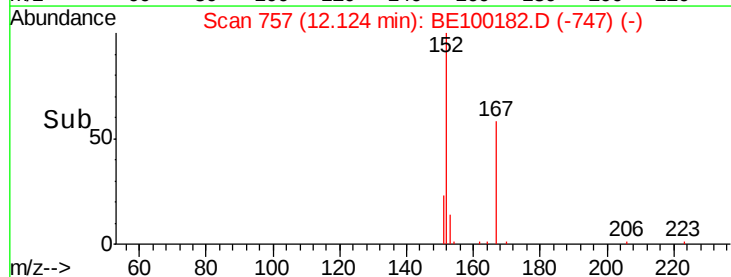


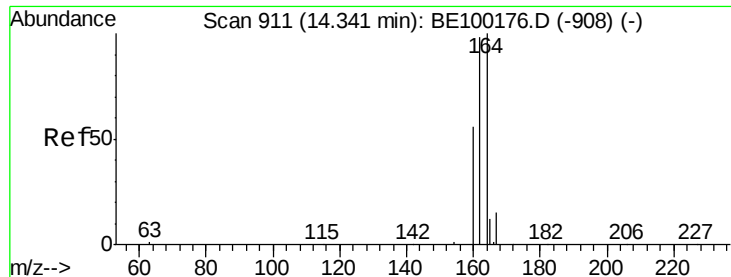
Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1



Time-->

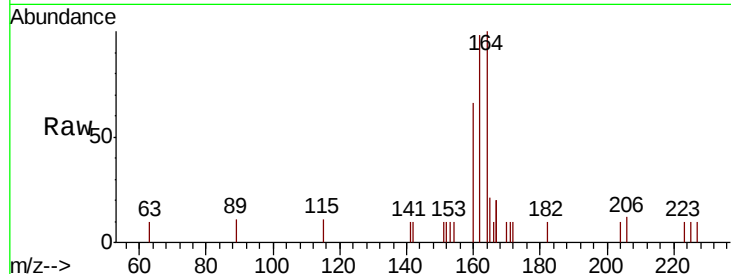




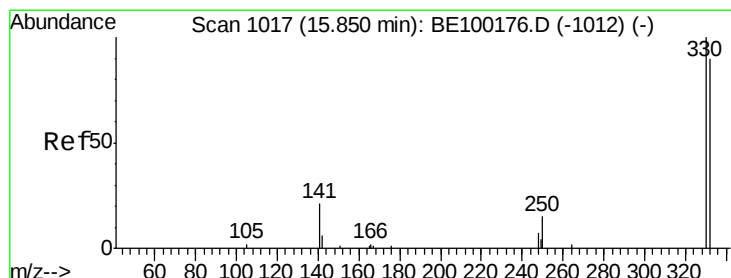
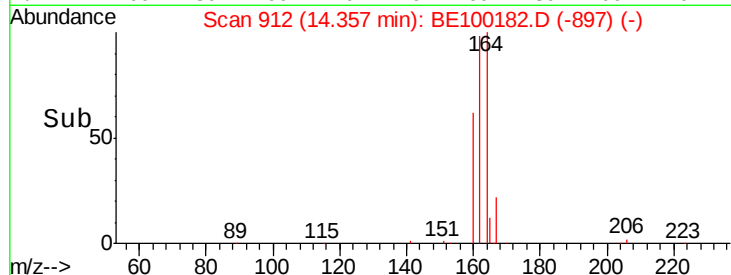
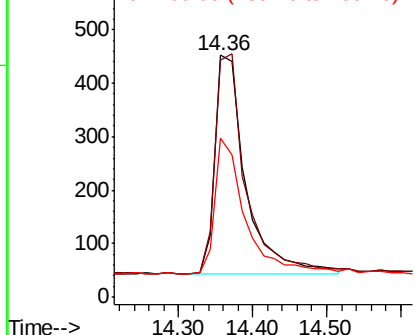
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.36 min Scan# 912
 Delta R.T. 0.02 min
 Lab File: BE100182.D
 Acq: 25 Jun 2019 16:24

Instrument :
 BNA_E
 ClientSampleId :
 PB120573BL

Tgt Ion:164 Resp: 1188
 Ion Ratio Lower Upper
 164 100
 162 98.2 78.6 118.0
 160 65.9 46.9 70.3

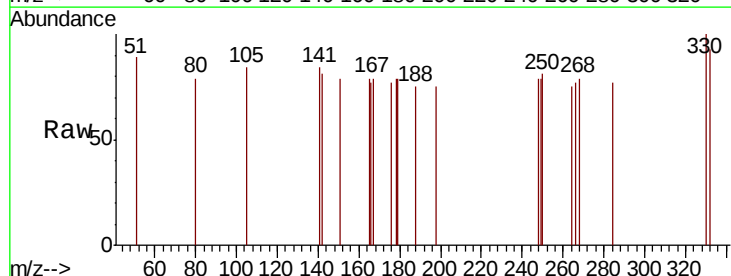


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

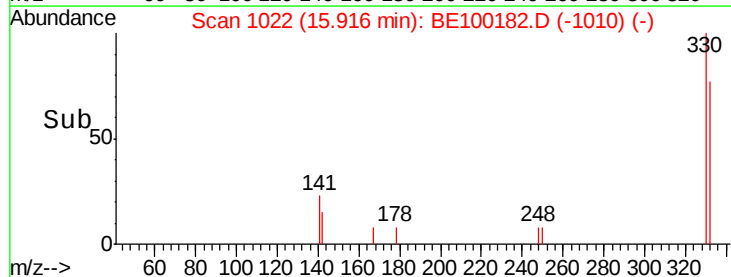
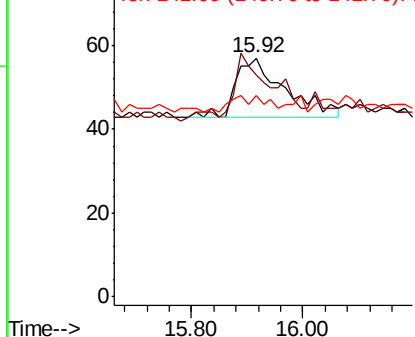


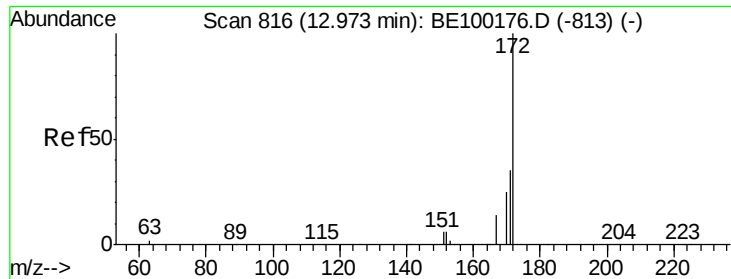
#14
 2,4,6-Tribromophenol
 Concen: 0.122 ng
 RT: 15.92 min Scan# 1022
 Delta R.T. 0.07 min
 Lab File: BE100182.D
 Acq: 25 Jun 2019 16:24

Tgt Ion:330 Resp: 84
 Ion Ratio Lower Upper
 330 100
 332 0.0 77.7 116.5#
 141 0.0 18.9 28.3#



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

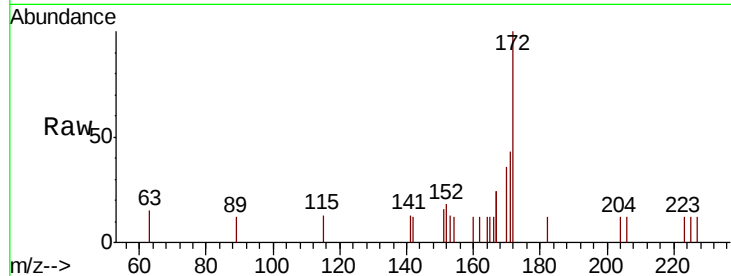




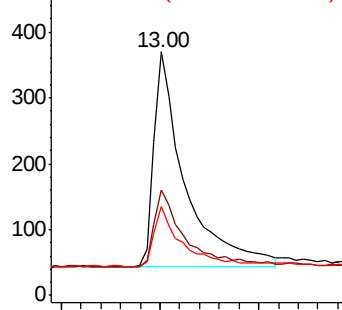
#15
2-Fluorobiphenyl
Concen: 0.300 ng
RT: 13.00 min Scan# 818
Delta R.T. 0.03 min
Lab File: BE100182.D
Acq: 25 Jun 2019 16:24

Instrument :
BNA_E
ClientSampleId :
PB120573BL

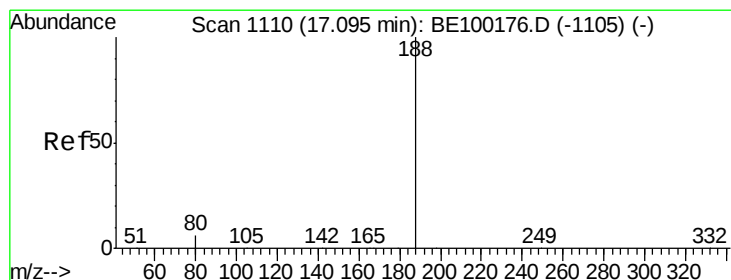
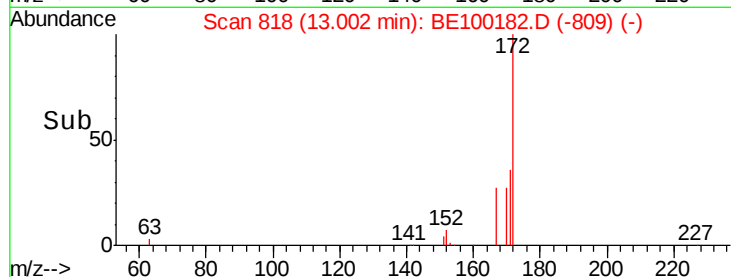
Tgt Ion:172 Resp: 1429
Ion Ratio Lower Upper
172 100
171 43.2 31.0 46.4
170 36.5 23.9 35.9#



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

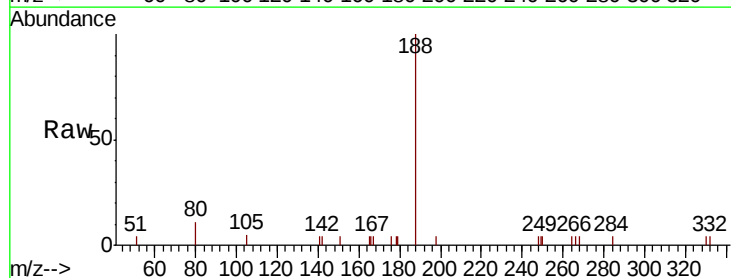


Time--> 12.80 13.00 13.20

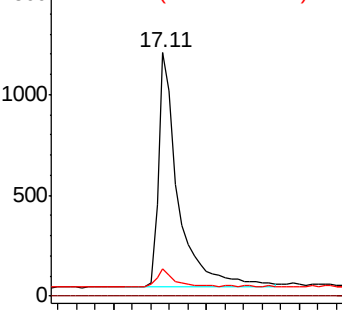


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BE100182.D
Acq: 25 Jun 2019 16:24

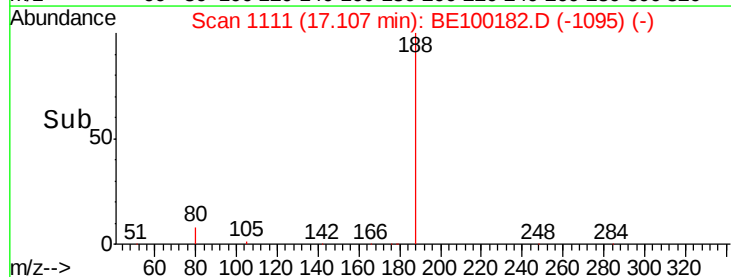
Tgt Ion:188 Resp: 3483
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 6.4 9.6#

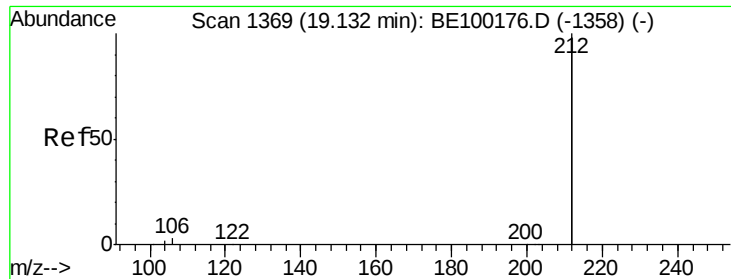


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1



Time--> 17.00 17.20 17.40

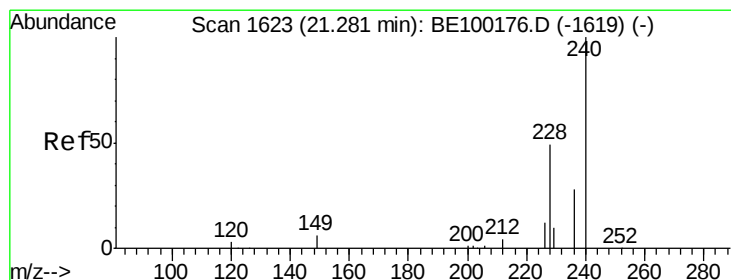
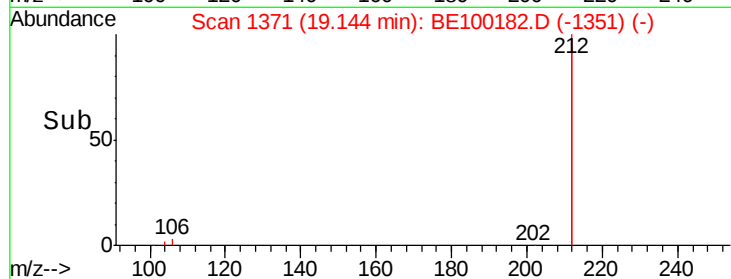
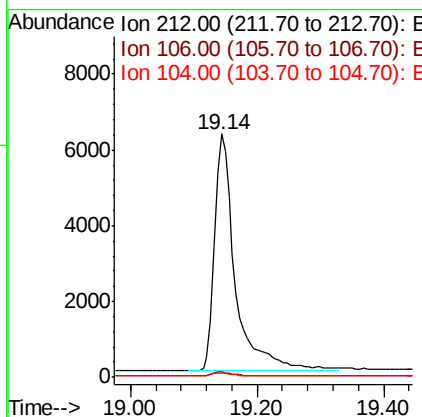
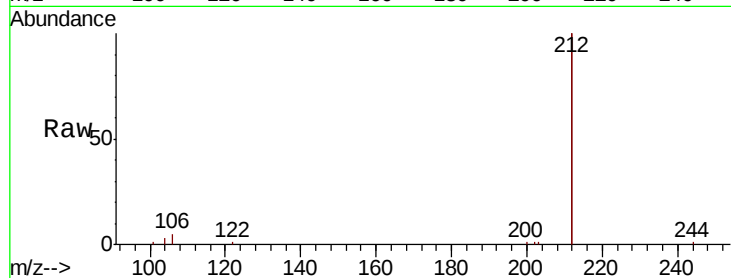




#25
 Fluoranthene-d10
 Concen: 0.283 ng
 RT: 19.14 min Scan# 1371
 Delta R.T. 0.01 min
 Lab File: BE100182.D
 Acq: 25 Jun 2019 16:24

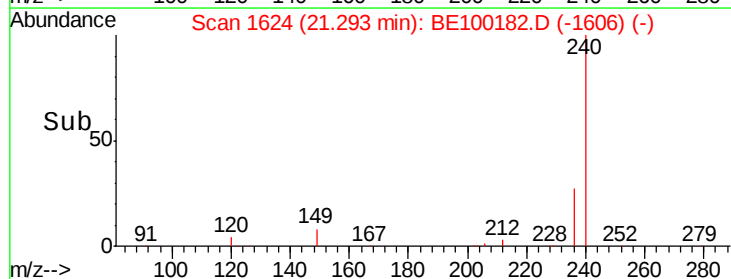
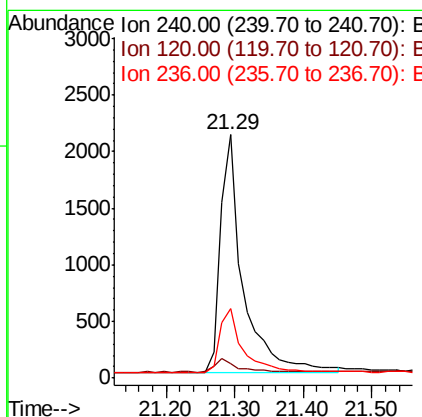
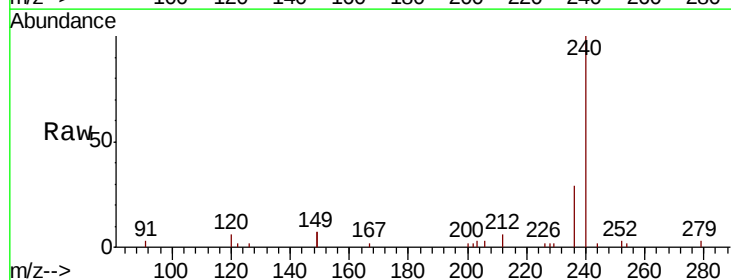
Instrument :
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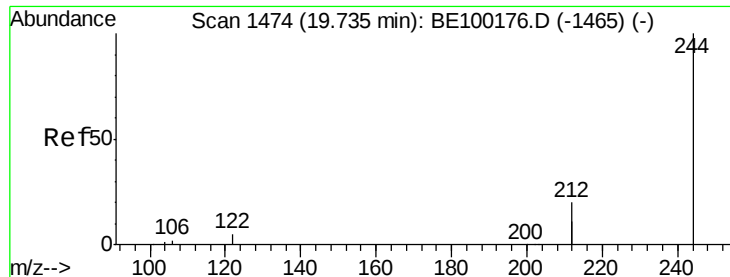
Tgt Ion: 212 Resp: 14202
 Ion Ratio Lower Upper
 212 100
 106 1.5 1.3 1.9
 104 1.0 0.7 1.1



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BE100182.D
 Acq: 25 Jun 2019 16:24

Tgt Ion: 240 Resp: 4867
 Ion Ratio Lower Upper
 240 100
 120 6.1 4.1 6.1#
 236 28.5 23.0 34.6

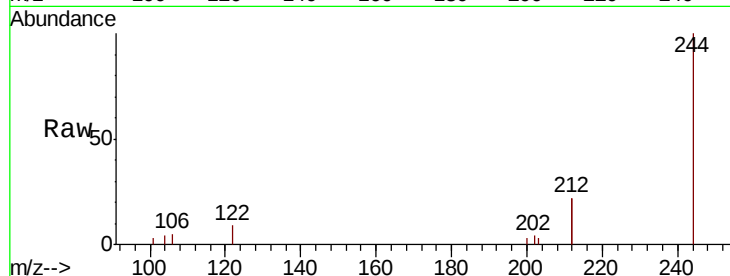




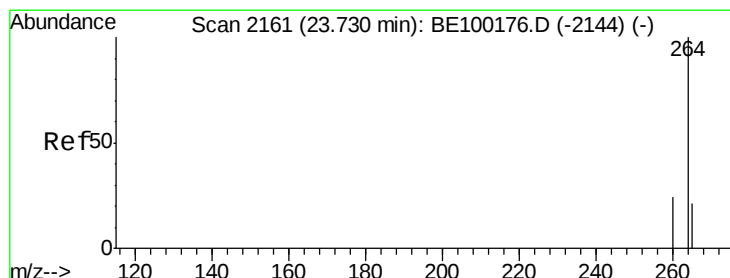
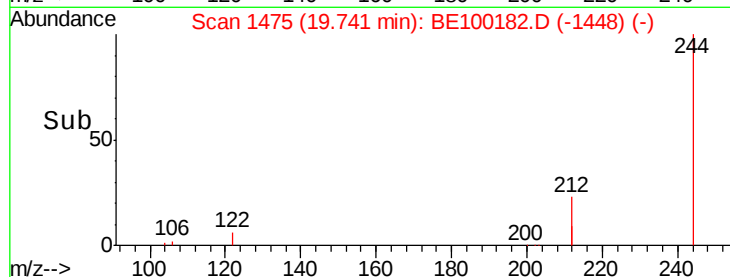
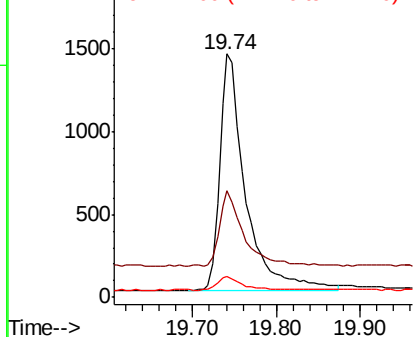
#29
 Terphenyl-d14
 Concen: 0.316 ng
 RT: 19.74 min Scan# 1475
 Delta R.T. 0.01 min
 Lab File: BE100182.D
 Acq: 25 Jun 2019 16:24

Instrument :
 BNA_E
 ClientSampleId :
 PB120573BL

Tgt Ion: 244 Resp: 3024
 Ion Ratio Lower Upper
 244 100
 212 43.8 30.7 46.1
 122 8.8 5.8 8.6#

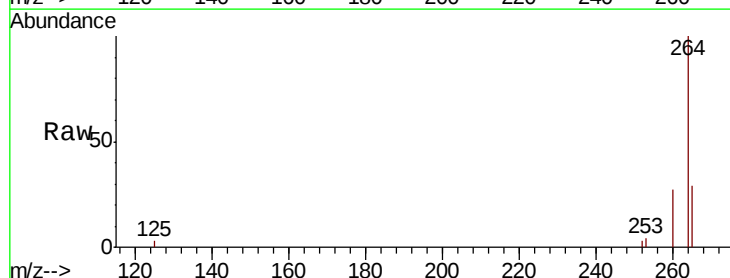


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.74 min Scan# 2163
 Delta R.T. 0.01 min
 Lab File: BE100182.D
 Acq: 25 Jun 2019 16:24

Tgt Ion: 264 Resp: 6162
 Ion Ratio Lower Upper
 264 100
 260 27.0 20.4 30.6
 265 28.7 22.5 33.7



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

