

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011719\
 Data File : BE098657.D
 Acq On : 17 Jan 2019 21:29
 Operator : SJ/JU
 Sample : K1176-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-1

Quant Time: Jan 18 02:42:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 15 14:30:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	745	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3472	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2330	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	5749	0.40	ng	0.00
27) Chrysene-d12	21.41	240	6601	0.40	ng	0.00
34) Perylene-d12	23.92	264	6282	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	446	0.22	ng	0.01
5) Phenol-d6	7.02	99	338	0.12	ng	0.02
8) Nitrobenzene-d5	8.98	82	1245	0.45	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2643	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	500	0.49	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	5015	0.53	ng	0.01
25) Fluoranthene-d10	19.26	212	34018	0.48	ng	0.00
29) Terphenyl-d14	19.86	244	7522	0.52	ng	0.00

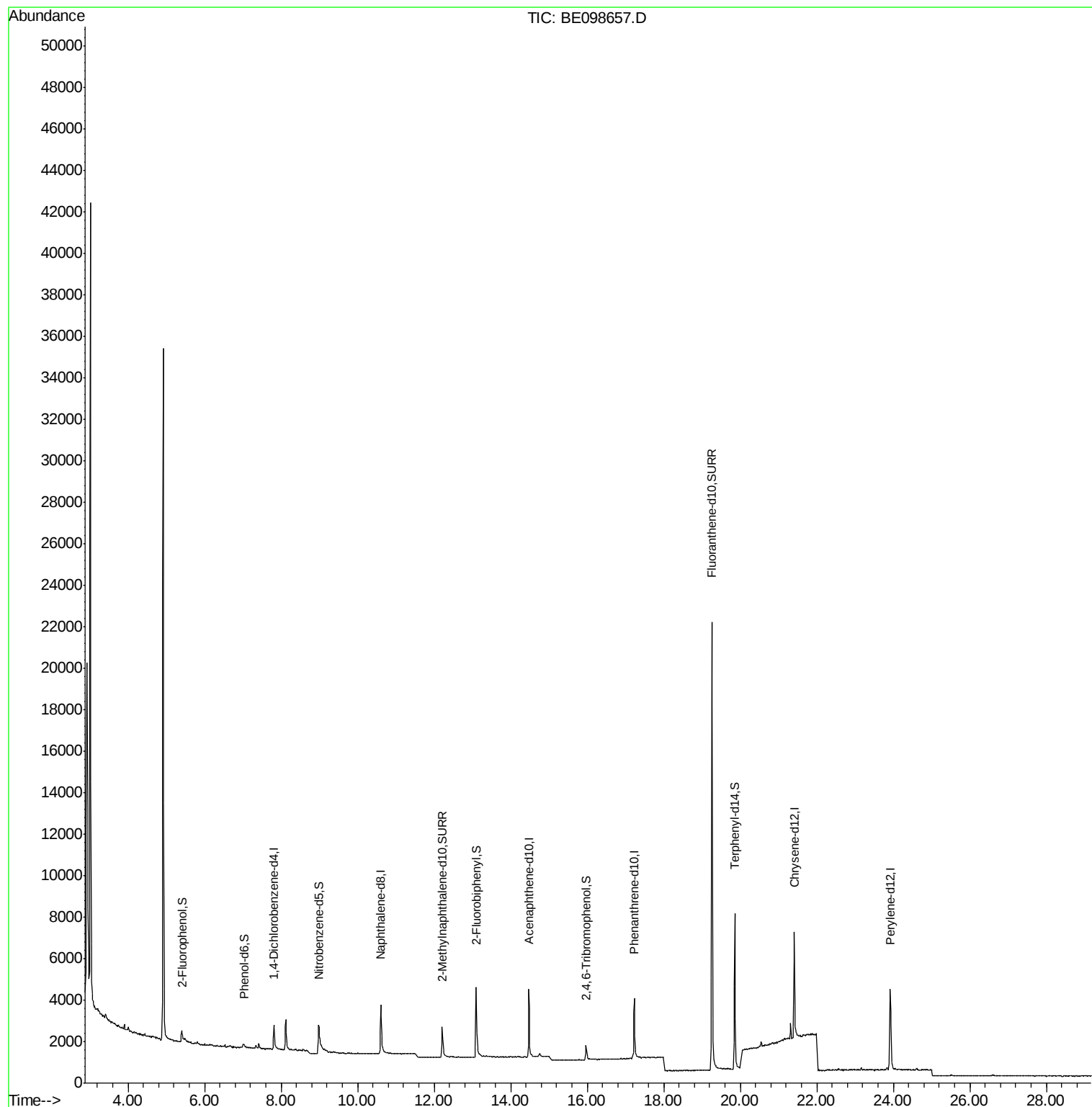
Target Compounds	Qvalue
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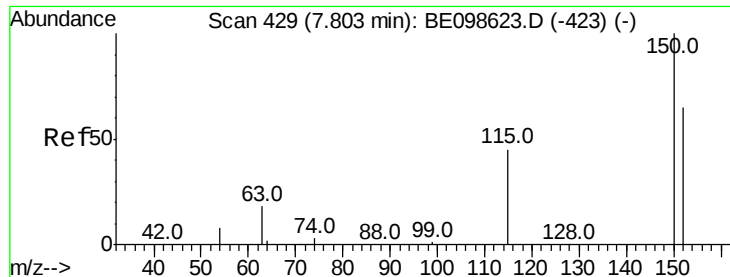
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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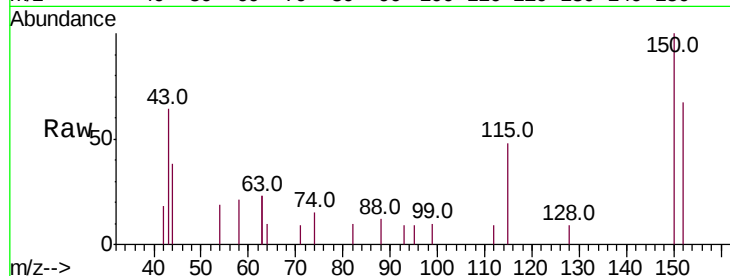


#1

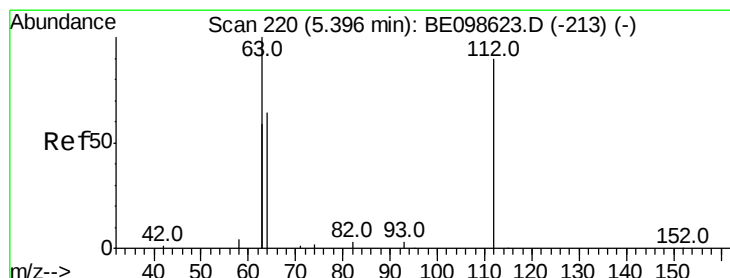
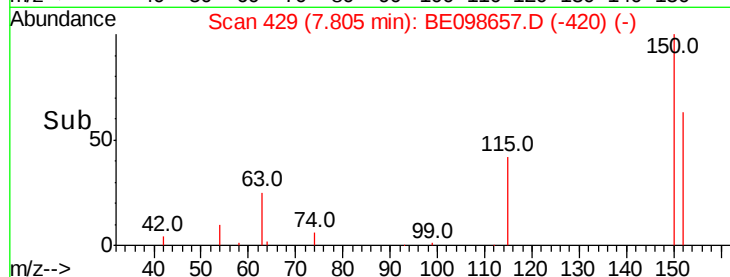
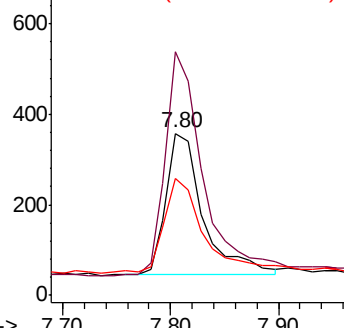
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.80 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BE098657.D
 Acq: 17 Jan 2019 21:29

Instrument :
 BNA_E
 ClientSampleId :
 MW-1

Tot Ion:152 Resp: 745
 Ion Ratio Lower Upper
 152 100
 150 150.3 121.4 182.2
 115 72.1 59.1 88.7



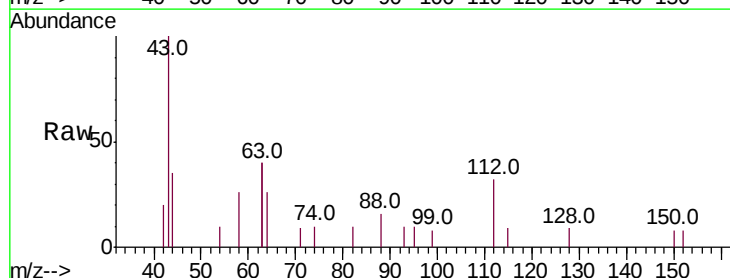
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



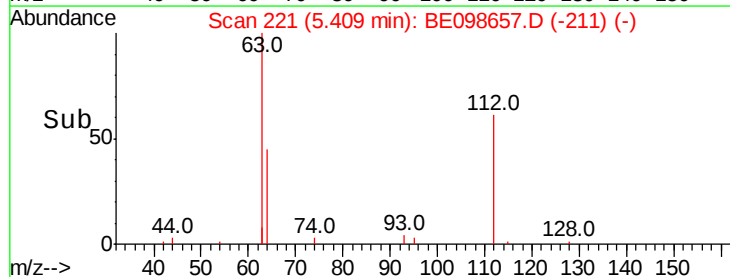
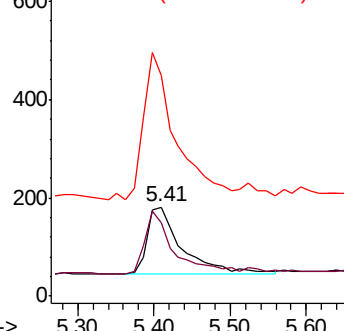
#4

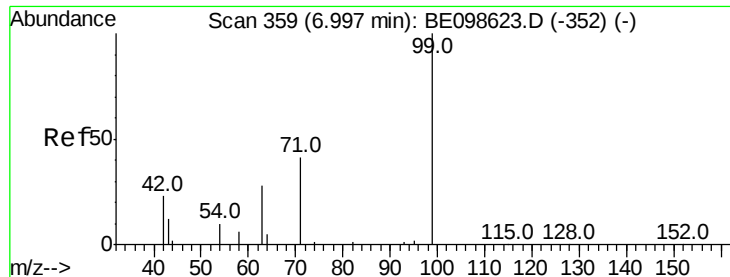
2-Fluorophenol
 Concen: 0.224 ng
 RT: 5.41 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: BE098657.D
 Acq: 17 Jan 2019 21:29

Tgt Ion:112 Resp: 446
 Ion Ratio Lower Upper
 112 100
 64 76.7 62.9 94.3
 63 198.9 152.2 228.4



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: 0.119 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.02 min

Lab File: BE098657.D

Acq: 17 Jan 2019 21:29

Instrument :

BNA_E

ClientSampleId :

MW-1

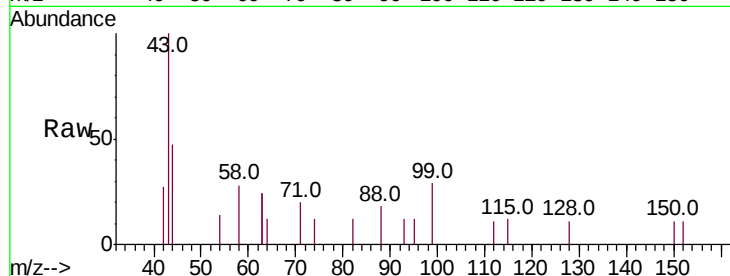
Tot Ion: 99 Resp: 338

Ion Ratio Lower Upper

99 100

42 0.0 24.6 37.0#

71 40.5 35.1 52.7



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

7.02

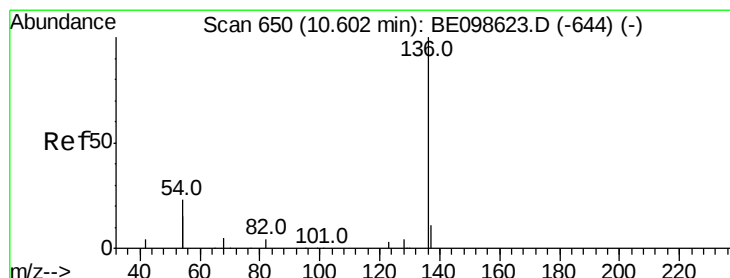
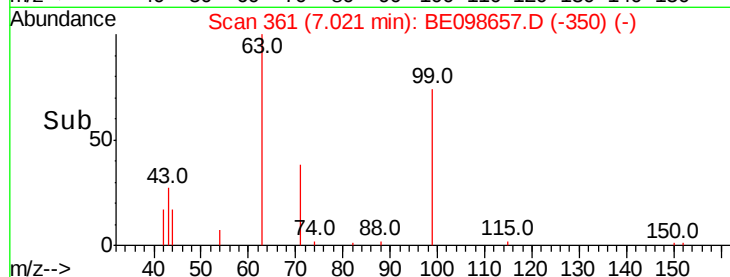
100

50

0

6.90 7.00 7.10

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE098657.D

Acq: 17 Jan 2019 21:29

Tgt Ion:136 Resp: 3472

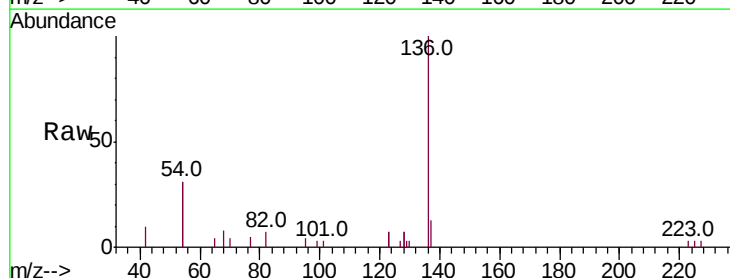
Ion Ratio Lower Upper

136 100

137 12.7 9.7 14.5

54 61.1 35.5 53.3#

68 8.3 5.0 7.6#



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

10.60

2000

1500

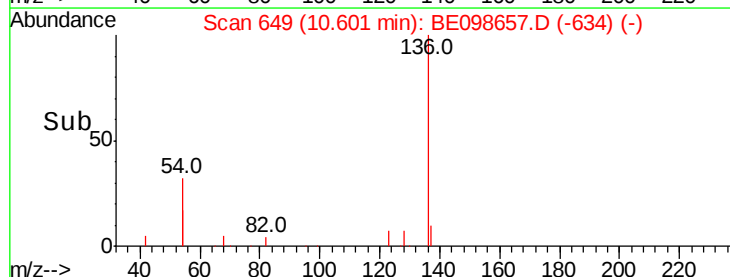
1000

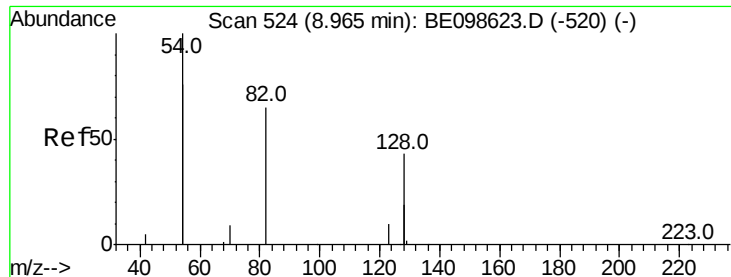
500

0

10.60 10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.452 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098657.D

Acq: 17 Jan 2019 21:29

Instrument :

BNA_E

ClientSampled :

MW-1

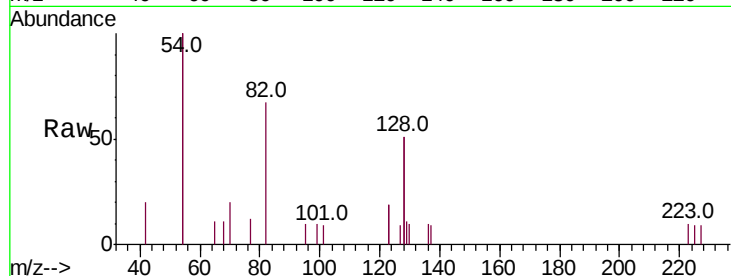
Tot Ion: 82 Resp: 1245

Ion Ratio Lower Upper

82 100

128 153.1 96.5 144.7#

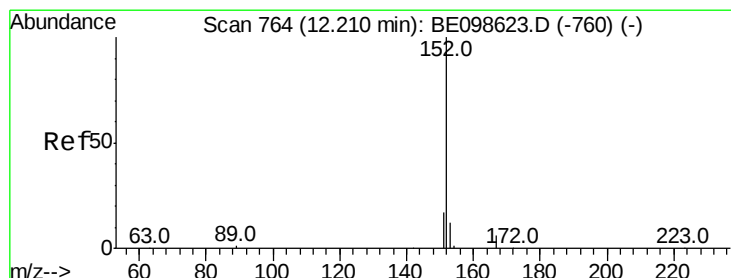
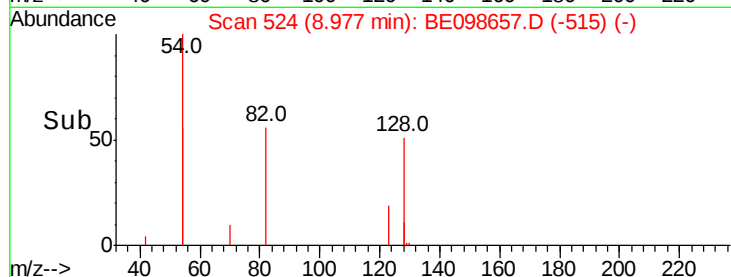
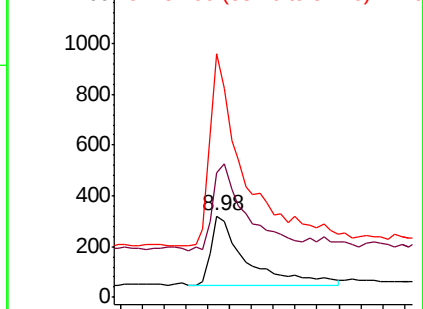
54 300.0 224.7 337.1



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: 0.463 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE098657.D

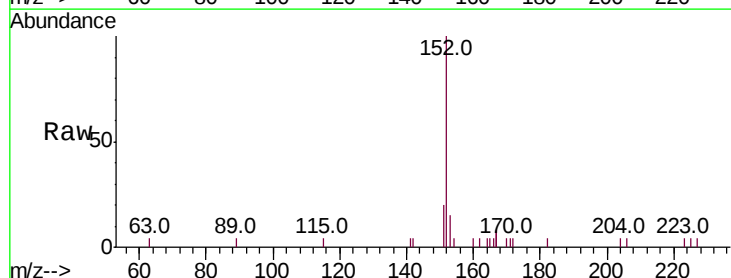
Acq: 17 Jan 2019 21:29

Tgt Ion: 152 Resp: 2643

Ion Ratio Lower Upper

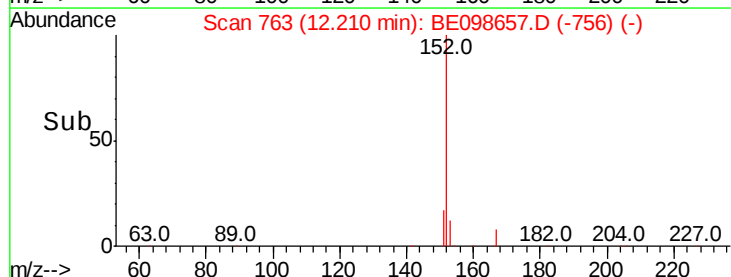
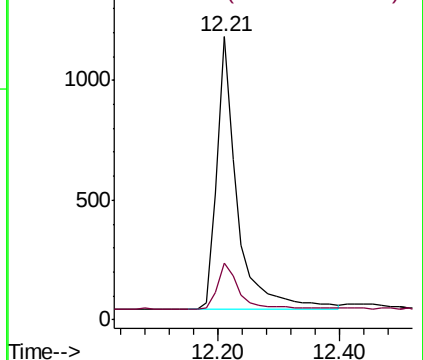
152 100

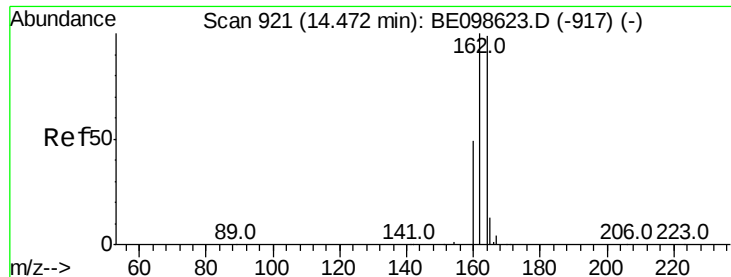
151 19.0 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

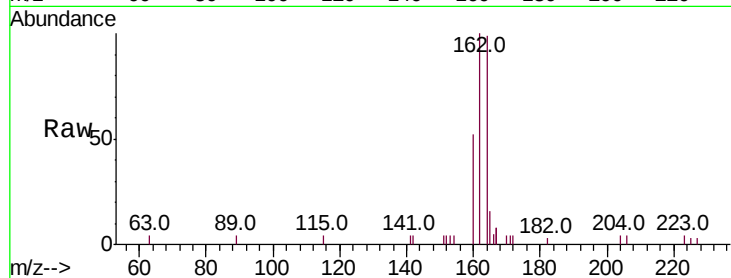




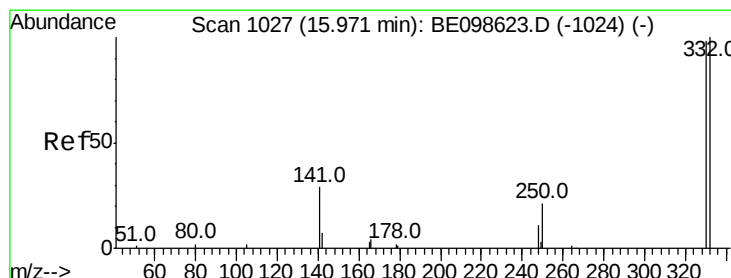
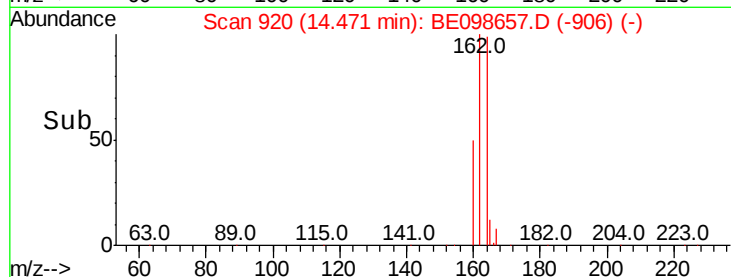
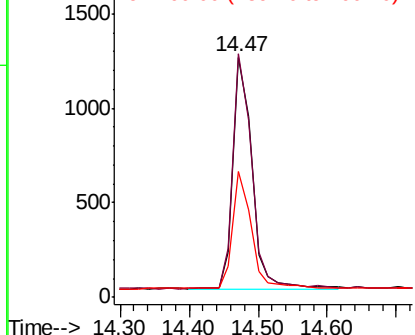
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE098657.D
Acq: 17 Jan 2019 21:29

Instrument :
BNA_E
ClientSampleId :
MW-1

Tot Ion:164 Resp: 2330
Ion Ratio Lower Upper
164 100
162 101.4 80.5 120.7
160 52.6 40.1 60.1

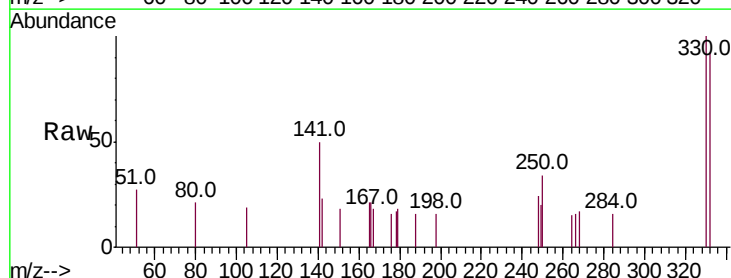


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

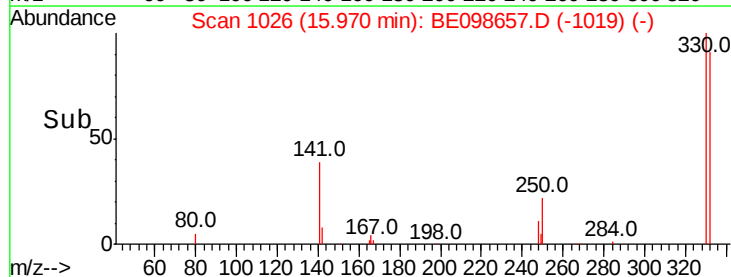
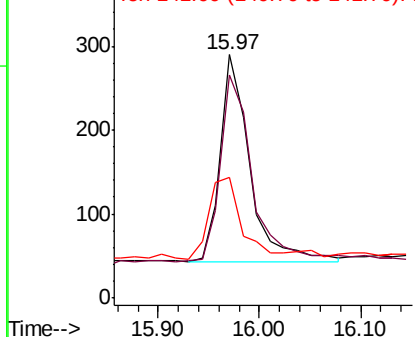


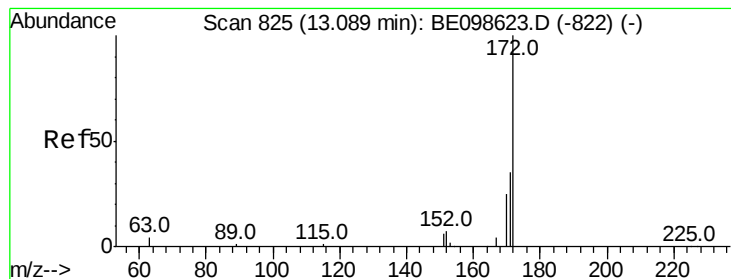
#14
2,4,6-Tribromophenol
Concen: 0.493 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098657.D
Acq: 17 Jan 2019 21:29

Tgt Ion:330 Resp: 500
Ion Ratio Lower Upper
330 100
332 102.4 73.3 109.9
141 44.4 33.1 49.7



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

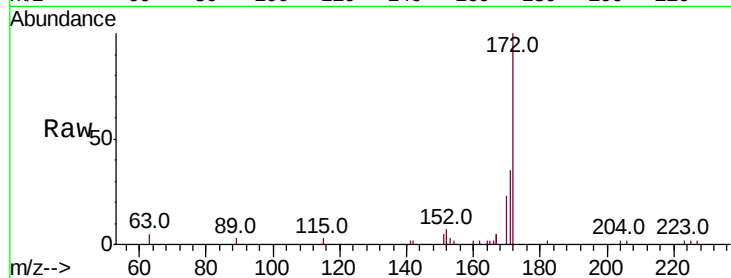




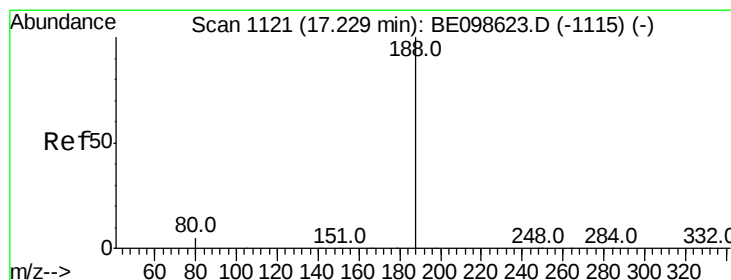
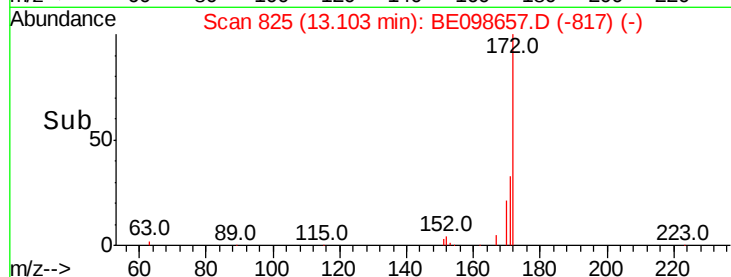
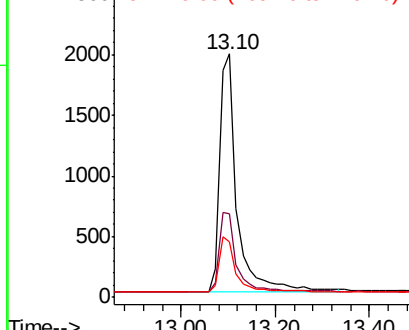
#15
 2-Fluorobiphenyl
 Concen: 0.526 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BE098657.D
 Acq: 17 Jan 2019 21:29

Instrument :
 BNA_E
 ClientSampled :
 MW-1

Tot Ion:172 Resp: 5015
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.0 43.4
 170 22.8 20.8 31.2

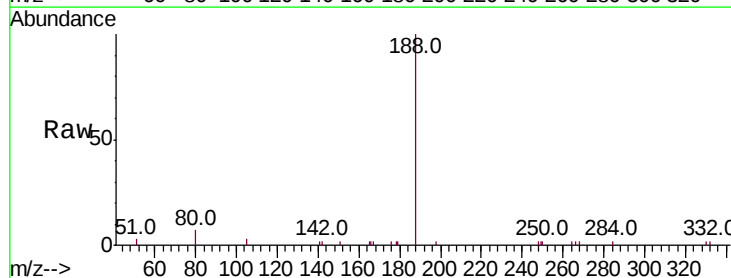


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

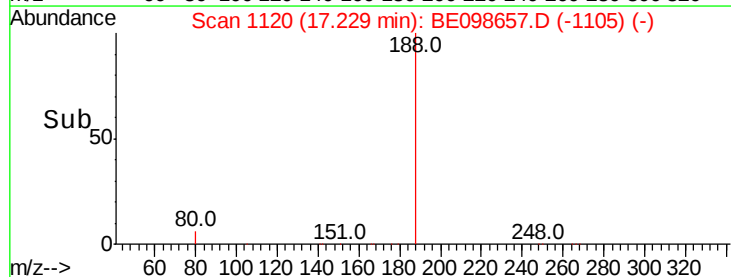
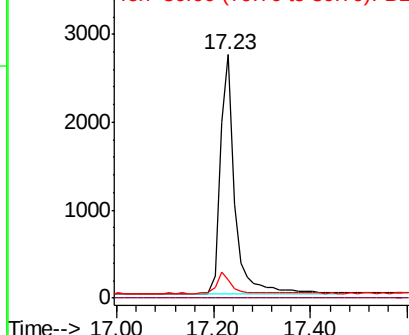


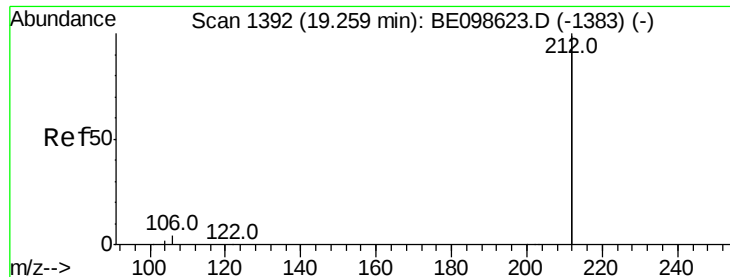
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BE098657.D
 Acq: 17 Jan 2019 21:29

Tgt Ion:188 Resp: 5749
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 7.4 4.7 7.1#



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: 0.478 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE098657.D

Acq: 17 Jan 2019 21:29

Instrument :

BNA_E

ClientSampled :

MW-1

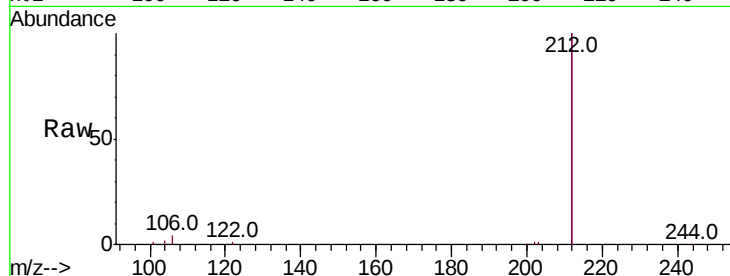
Tot Ion:212 Resp: 34018

Ion Ratio Lower Upper

212 100

106 1.9 1.7 2.5

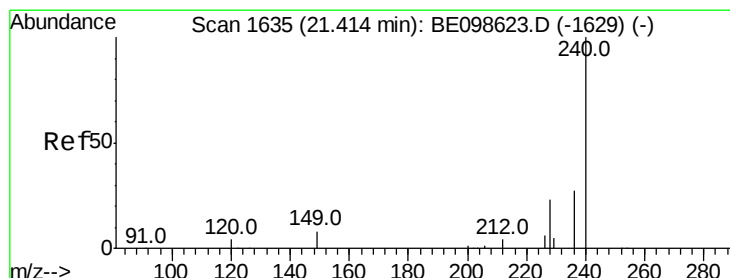
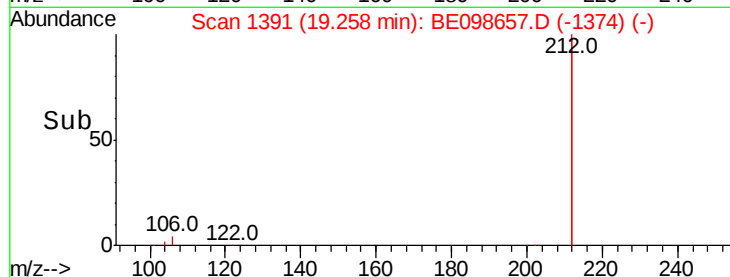
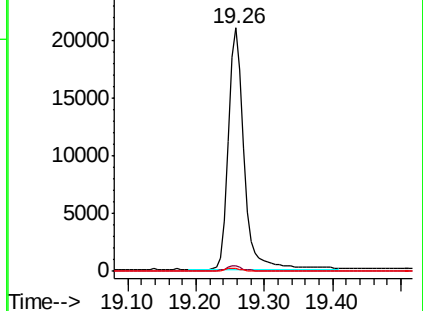
104 1.1 1.0 1.6



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: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE098657.D

Acq: 17 Jan 2019 21:29

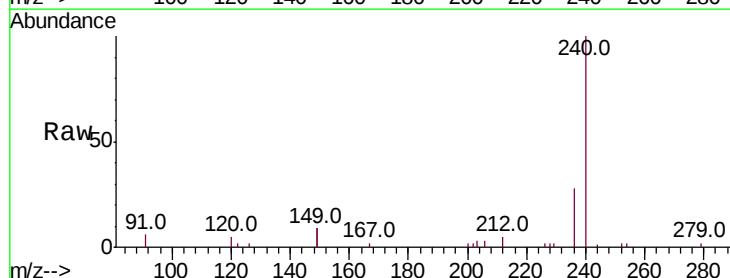
Tgt Ion:240 Resp: 6601

Ion Ratio Lower Upper

240 100

120 4.8 4.7 7.1

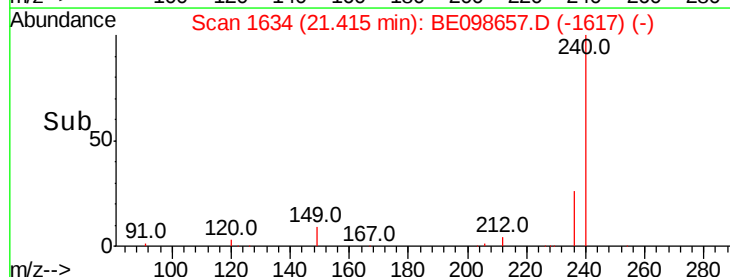
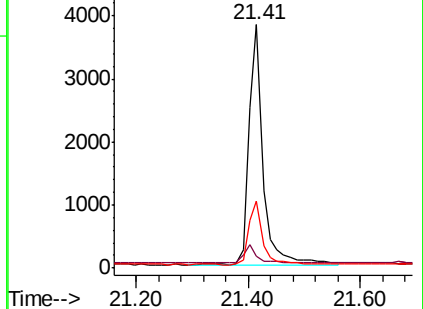
236 27.6 21.9 32.9

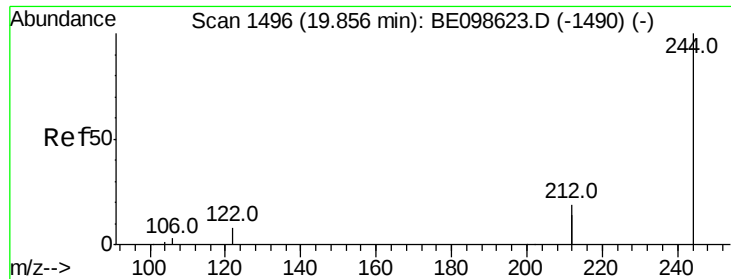


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.515 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BE098657.D

Acq: 17 Jan 2019 21:29

Instrument :

BNA_E

ClientSampleId :

MW-1

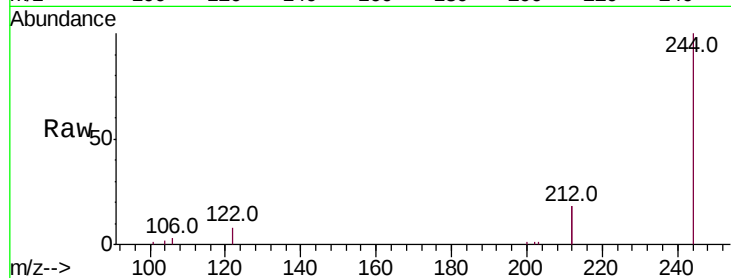
Tot Ion:244 Resp: 7522

Ion Ratio Lower Upper

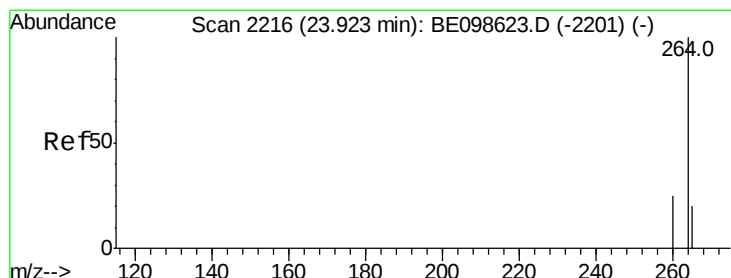
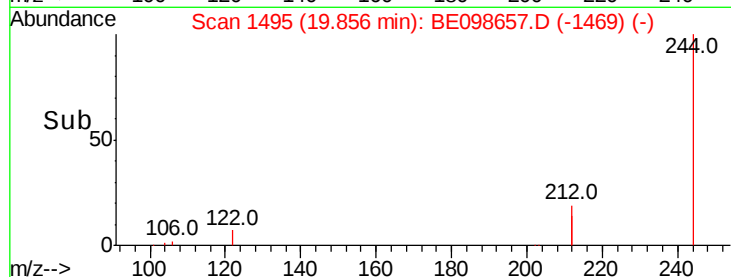
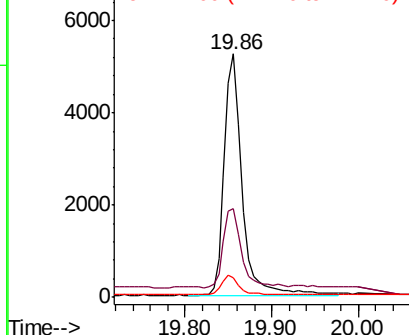
244 100

212 36.7 29.4 44.2

122 8.1 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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BE098657.D

Acq: 17 Jan 2019 21:29

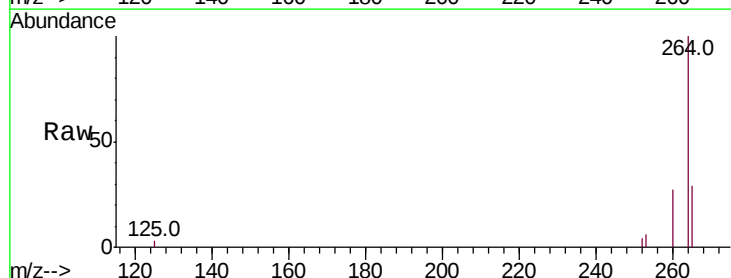
Tgt Ion:264 Resp: 6282

Ion Ratio Lower Upper

264 100

260 27.3 20.5 30.7

265 28.8 22.3 33.5



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

