

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051017\
 Data File : BM009969.D
 Acq On : 10 May 2017 14:06
 Operator : SJ/MA
 Sample : I3046-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-13-COMP

Quant Time: May 10 16:58:43 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:52:12 2017
 Response via : Initial Calibration

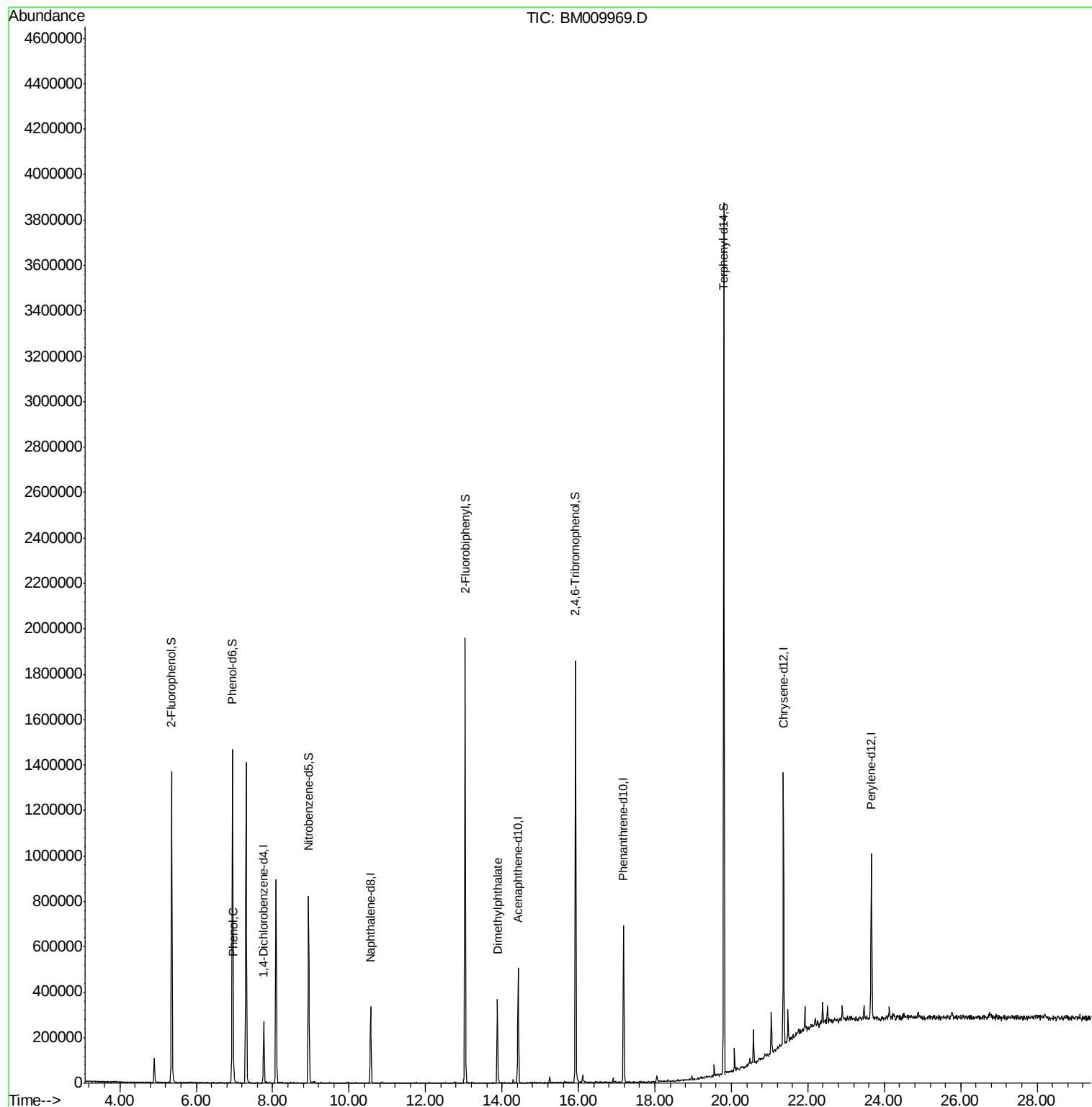
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	56622	20.00	ng	-0.01
21) Naphthalene-d8	10.56	136	228871	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	140712	20.00	ng	-0.02
63) Phenanthrene-d10	17.18	188	361804	20.00	ng	-0.02
75) Chrysene-d12	21.37	240	540123	20.00	ng	-0.02
86) Perylene-d12	23.66	264	498045	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	446738	125.61	ng	-0.01
7) Phenol-d6	6.95	99	665488	122.07	ng	-0.02
23) Nitrobenzene-d5	8.94	82	502719	79.49	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	229382	119.36	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	777722	72.01	ng	-0.02
78) Terphenyl-d14	19.80	244	1372526	52.13	ng	-0.01
Target Compounds						
10) Phenol	6.97	94	20739	3.47	ng	82
49) Dimethylphthalate	13.88	163	182843	13.64	ng	99

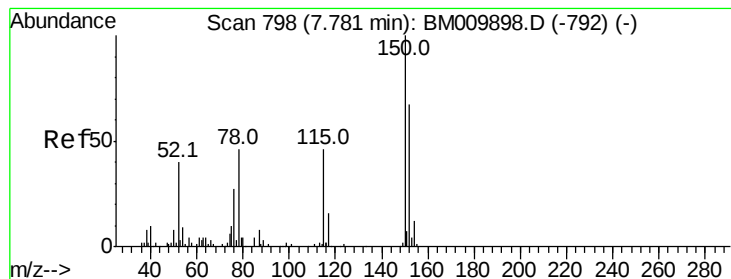
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.77 min Scan# 796

Delta R.T. -0.01 min

Lab File: BM009969.D

Acq: 10 May 2017 14:06

Instrument :

BNA_M

ClientSampleId :

SB-13-COMP

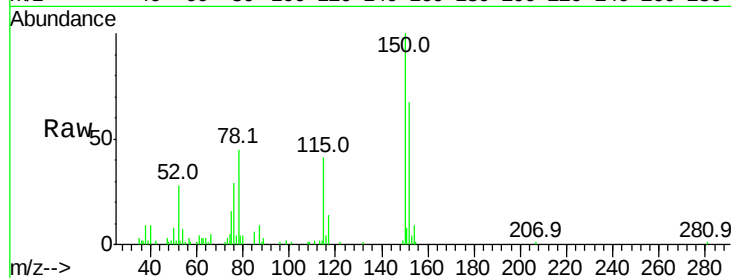
Tot Ion:152 Resp: 56622

Ion Ratio Lower Upper

152 100

150 149.6 119.5 179.3

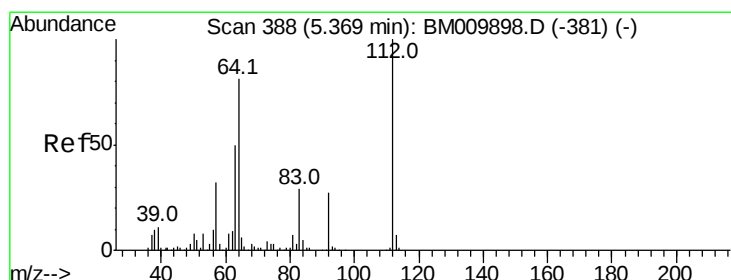
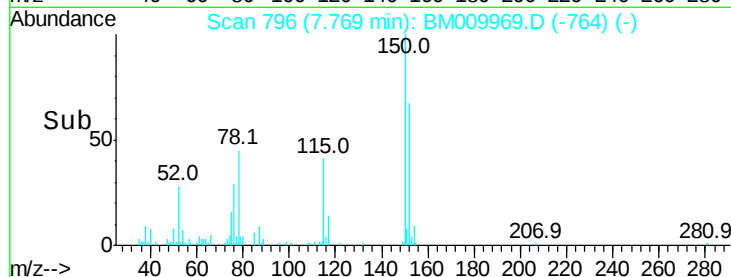
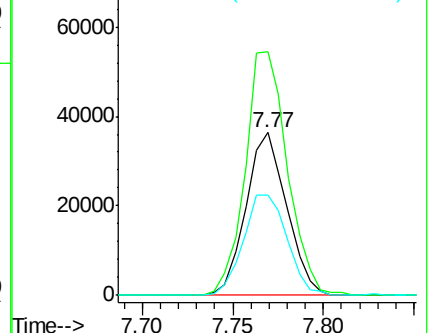
115 61.6 43.0 64.4



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



#5

2-Fluorophenol

Concen: 125.61 ng

RT: 5.36 min Scan# 386

Delta R.T. -0.01 min

Lab File: BM009969.D

Acq: 10 May 2017 14:06

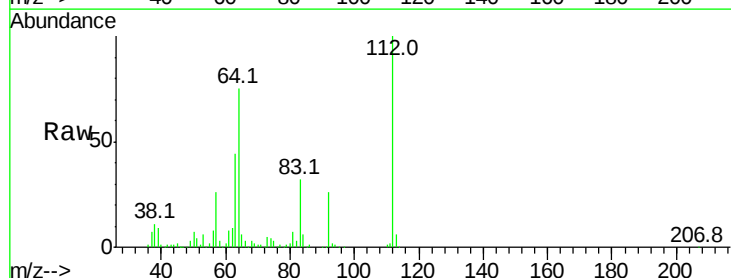
Tgt Ion:112 Resp: 446738

Ion Ratio Lower Upper

112 100

64 75.0 38.6 57.8#

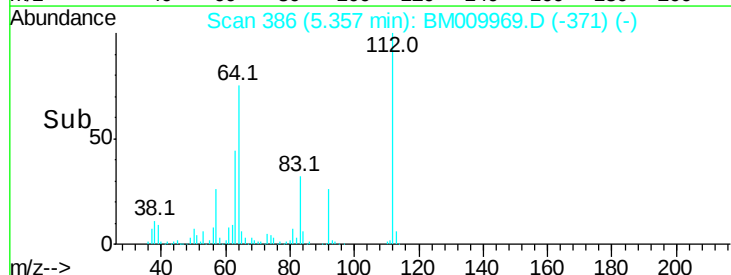
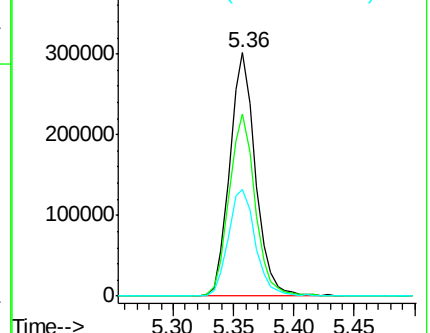
63 43.8 19.3 28.9#

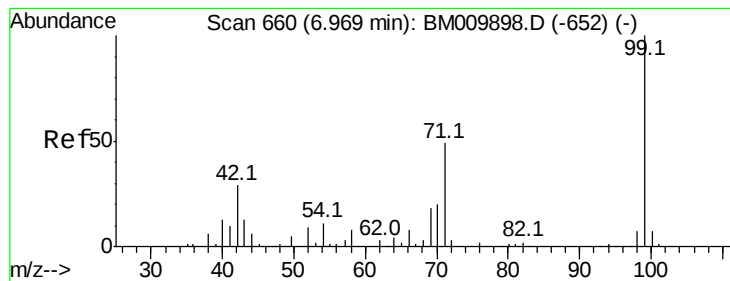


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 122.07 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.02 min

Lab File: BM009969.D

Acq: 10 May 2017 14:06

Instrument :

BNA_M

ClientSampleId :

SB-13-COMP

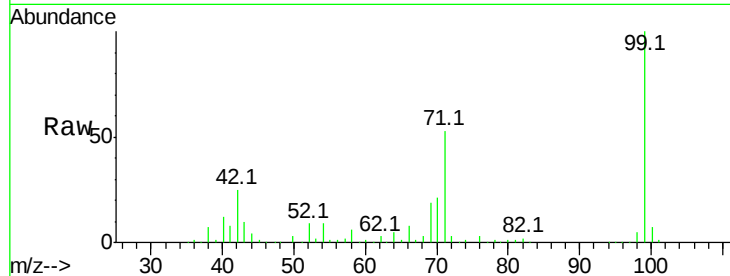
Tot Ion: 99 Resp: 665488

Ion Ratio Lower Upper

99 100

42 25.2 11.0 16.4#

71 52.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009898.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009898.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009898.D (-652) (-)

6.95

400000

300000

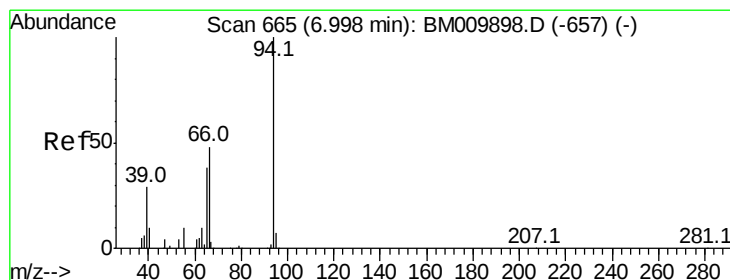
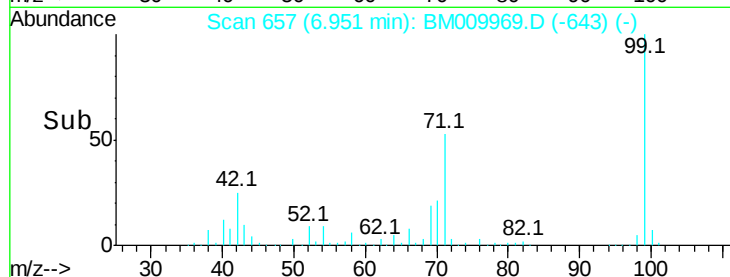
200000

100000

0

6.85 6.90 6.95 7.00 7.05

Time-->



#10

Phenol

Concen: 3.47 ng

RT: 6.97 min Scan# 661

Delta R.T. -0.02 min

Lab File: BM009969.D

Acq: 10 May 2017 14:06

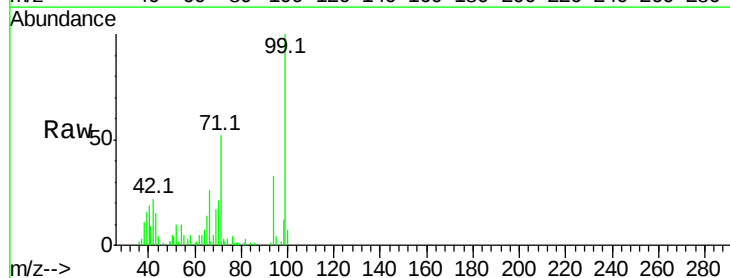
Tgt Ion: 94 Resp: 20739

Ion Ratio Lower Upper

94 100

65 42.1 18.8 58.8

66 79.6 39.9 79.9



Abundance Ion 94.00 (93.70 to 94.70): BM009898.D (-657) (-)

Ion 65.00 (64.70 to 65.70): BM009898.D (-657) (-)

Ion 66.00 (65.70 to 66.70): BM009898.D (-657) (-)

6.97

40000

30000

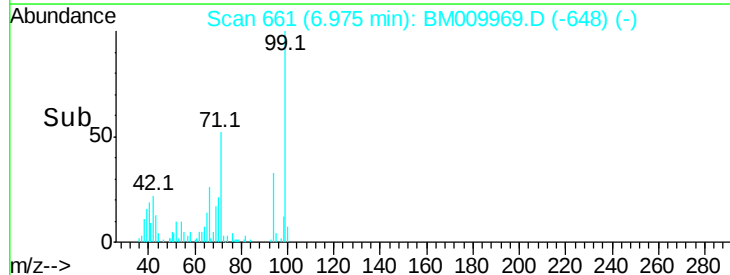
20000

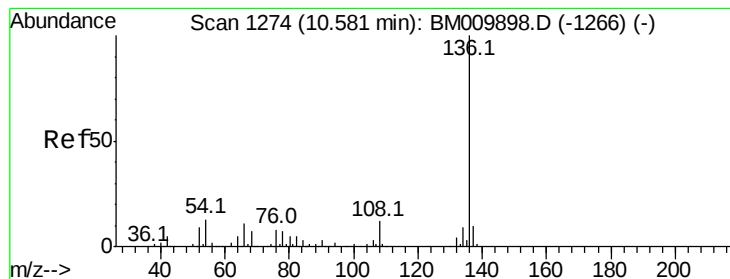
10000

0

6.90 6.95 7.00 7.05

Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BM009969.D

Acq: 10 May 2017 14:06

Instrument :

BNA_M

ClientSampleId :

SB-13-COMP

Tot Ion:136 Resp: 228871

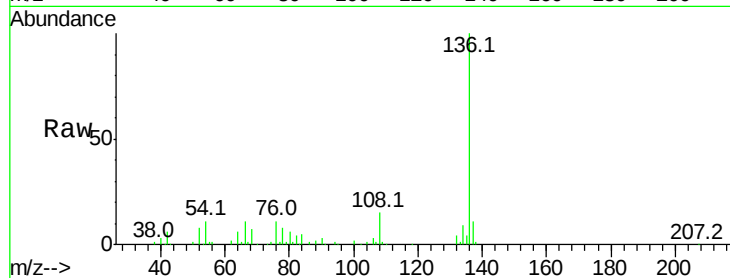
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.6 4.6 6.8#

68 7.1 3.7 5.5#

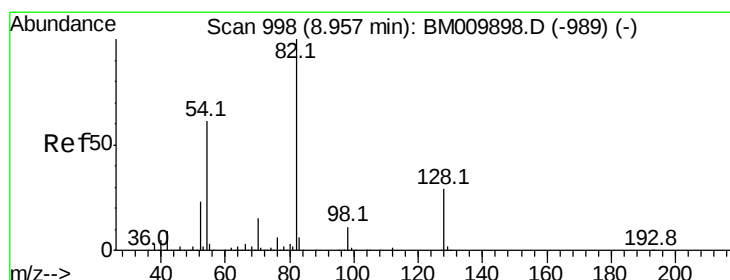
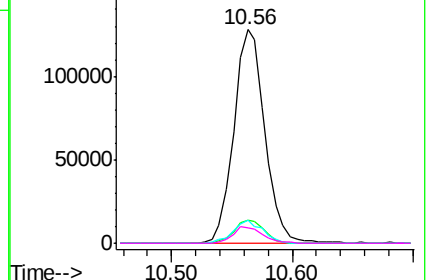
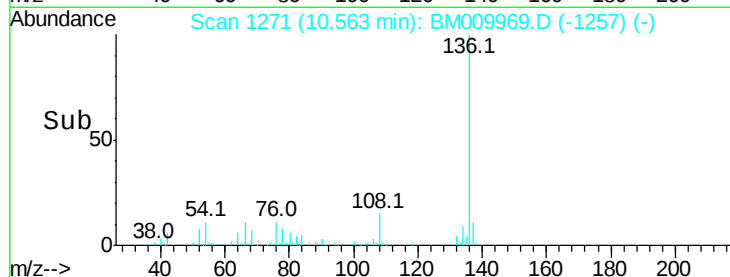


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 79.49 ng

RT: 8.94 min Scan# 995

Delta R.T. -0.02 min

Lab File: BM009969.D

Acq: 10 May 2017 14:06

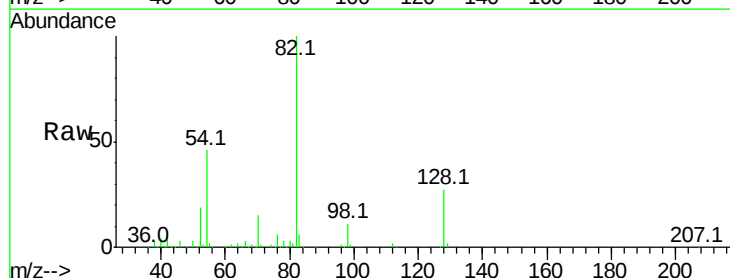
Tgt Ion: 82 Resp: 502719

Ion Ratio Lower Upper

82 100

128 27.0 32.8 49.2#

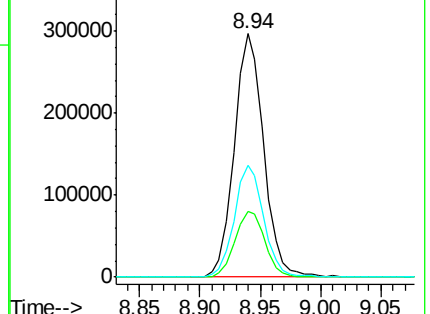
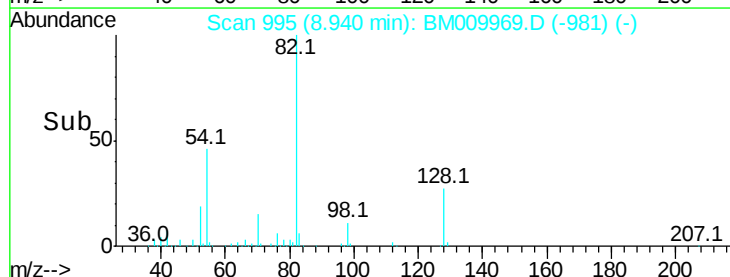
54 45.8 40.6 60.8

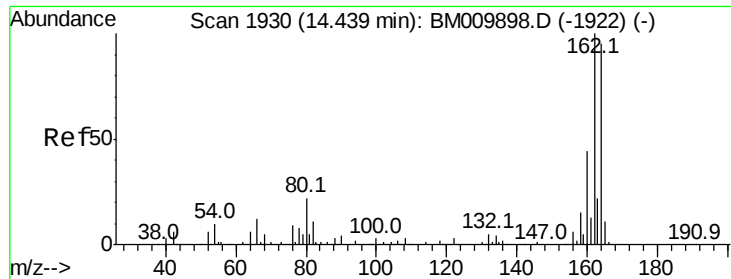


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

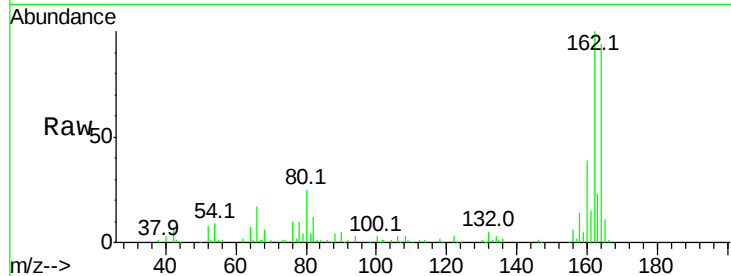




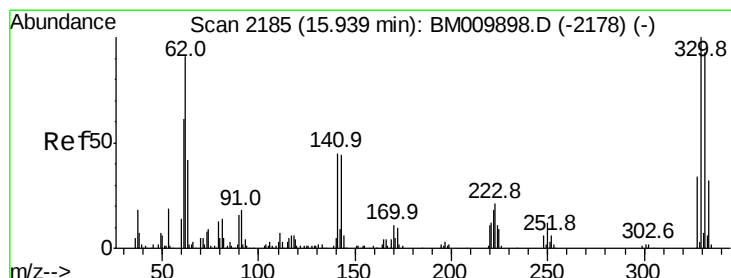
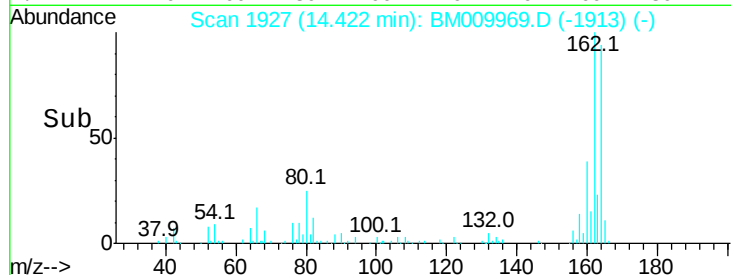
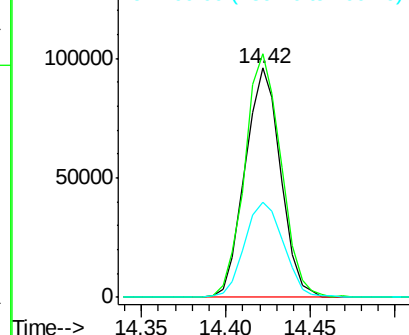
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.42 min Scan# 1927
 Delta R.T. -0.02 min
 Lab File: BM009969.D
 Acq: 10 May 2017 14:06

Instrument :
 BNA_M
 ClientSampleId :
 SB-13-COMP

Tot Ion:164 Resp: 140712
 Ion Ratio Lower Upper
 164 100
 162 106.1 82.4 123.6
 160 41.6 35.8 53.6

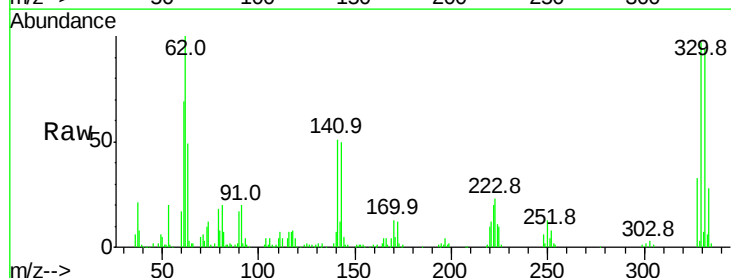


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

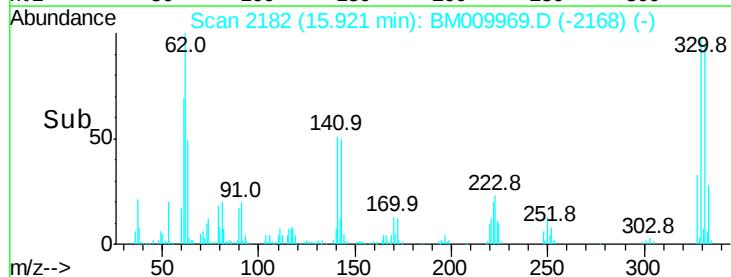
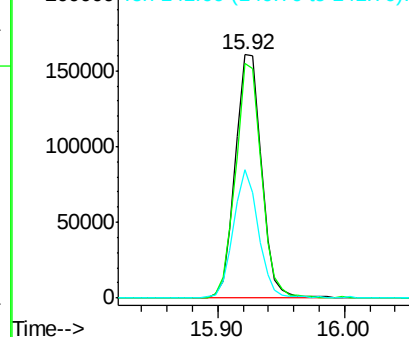


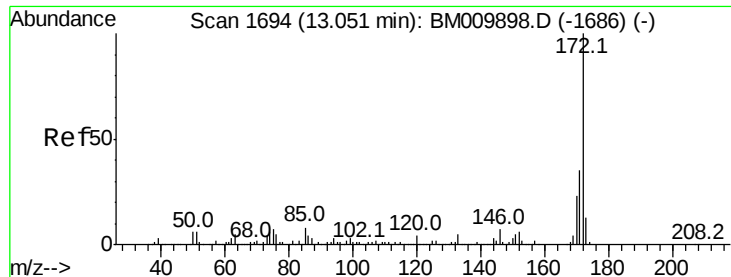
#41
 2,4,6-Tribromophenol
 Concen: 119.36 ng
 RT: 15.92 min Scan# 2182
 Delta R.T. -0.02 min
 Lab File: BM009969.D
 Acq: 10 May 2017 14:06

Tgt Ion:330 Resp: 229382
 Ion Ratio Lower Upper
 330 100
 332 95.3 0.0 0.0#
 141 50.6 0.0 0.0#



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

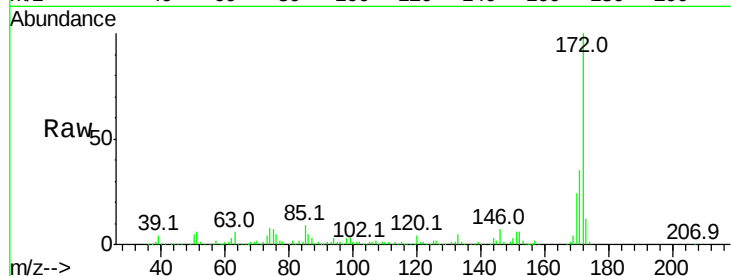




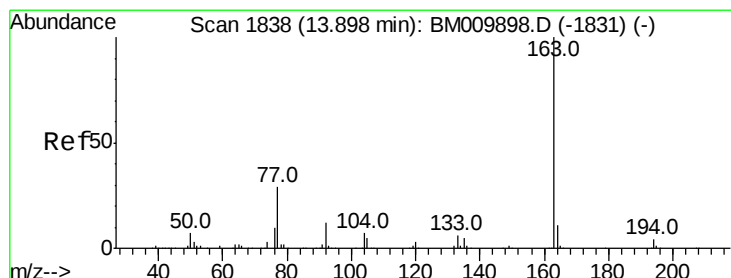
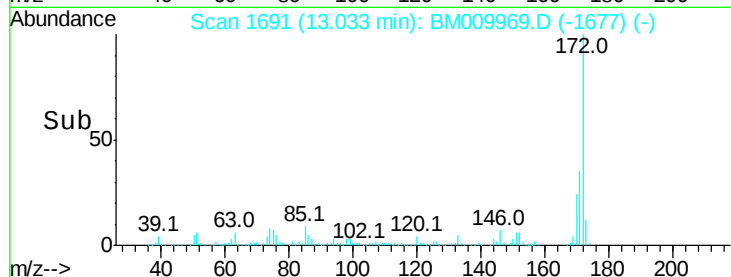
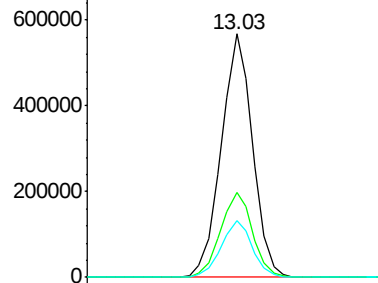
#44
2-Fluorobiphenyl
Concen: 72.01 ng
RT: 13.03 min Scan# 1691
Delta R.T. -0.02 min
Lab File: BM009969.D
Acq: 10 May 2017 14:06

Instrument :
BNA_M
ClientSampleId :
SB-13-COMP

Tot Ion:172 Resp: 777722
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.5 18.8 28.2

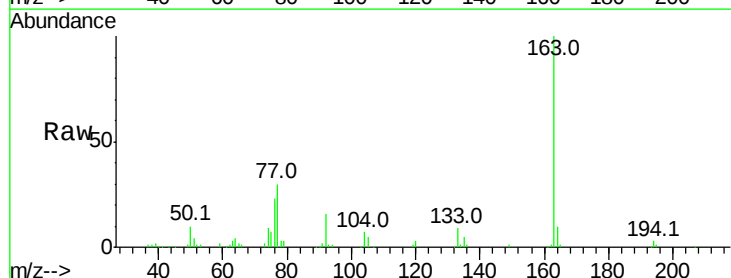


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

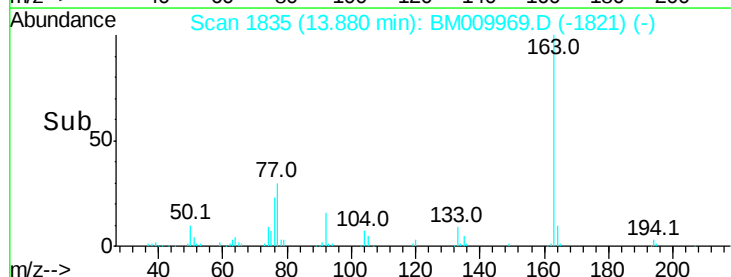
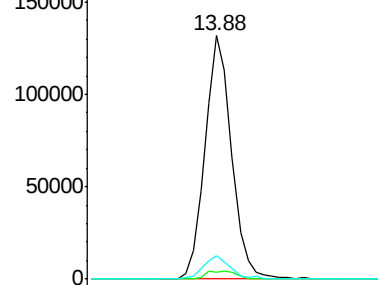


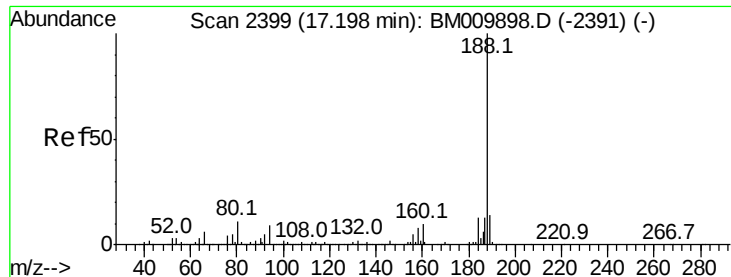
#49
Dimethylphthalate
Concen: 13.64 ng
RT: 13.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BM009969.D
Acq: 10 May 2017 14:06

Tgt Ion:163 Resp: 182843
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

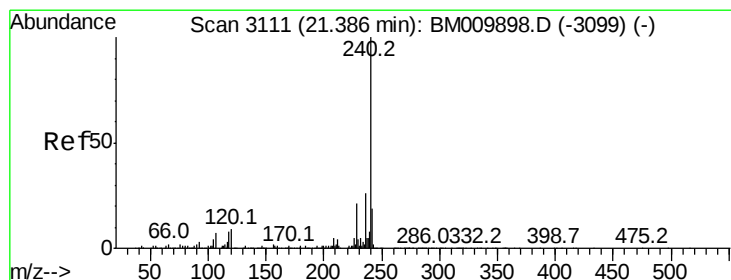
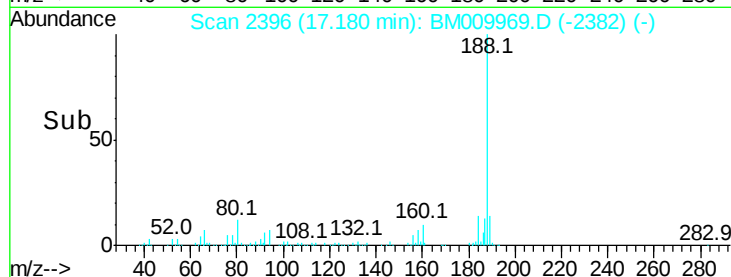
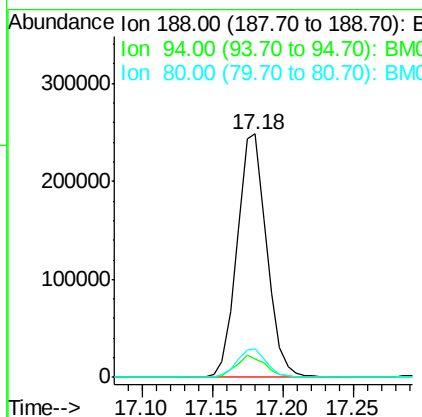
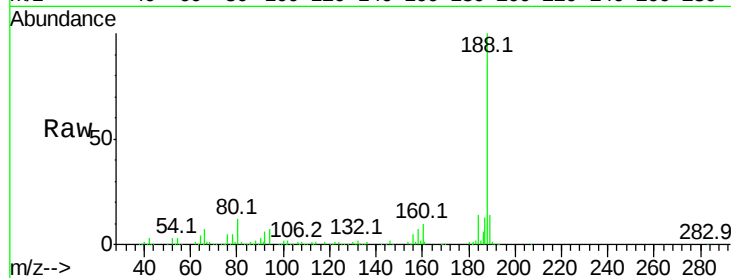




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2396
Delta R.T. -0.02 min
Lab File: BM009969.D
Acq: 10 May 2017 14:06

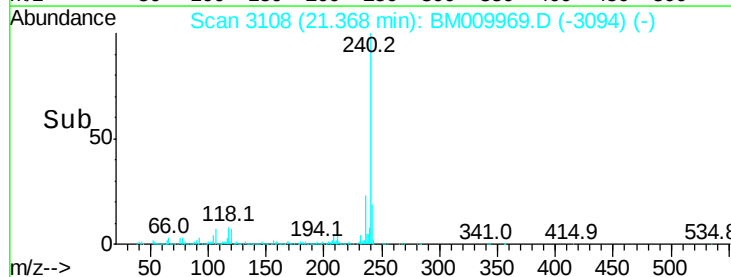
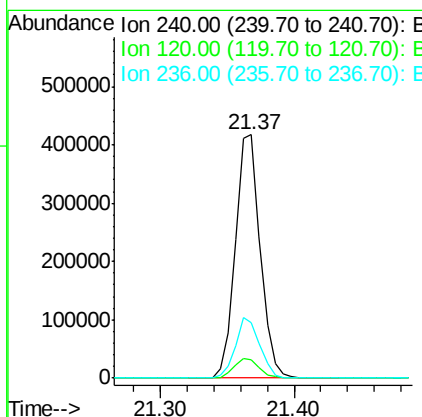
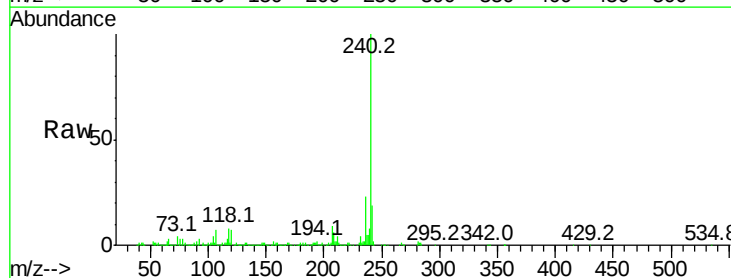
Instrument :
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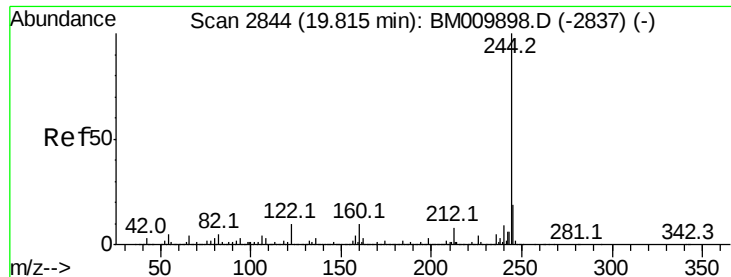
Tot Ion:188 Resp: 361804
Ion Ratio Lower Upper
188 100
94 7.5 8.7 13.1#
80 11.6 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.37 min Scan# 3108
Delta R.T. -0.02 min
Lab File: BM009969.D
Acq: 10 May 2017 14:06

Tgt Ion:240 Resp: 540123
Ion Ratio Lower Upper
240 100
120 7.3 8.2 12.2#
236 22.9 20.0 30.0





#78

Terphenyl-d14

Concen: 52.13 ng

RT: 19.80 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM009969.D

Acq: 10 May 2017 14:06

Instrument :

BNA_M

ClientSampleId :

SB-13-COMP

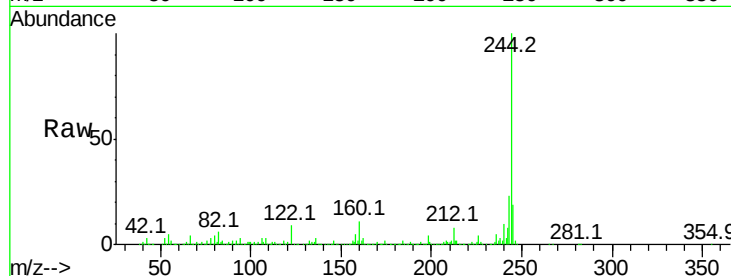
Tot Ion:244 Resp: 1372526

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

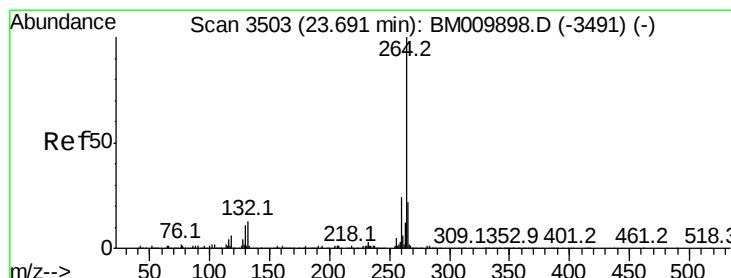
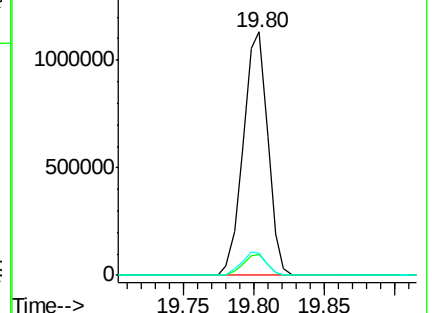
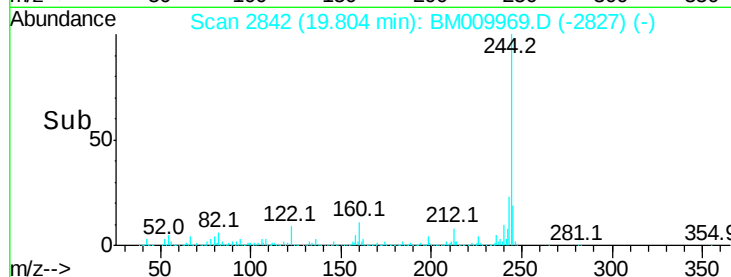
122 9.1 6.2 9.4



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.66 min Scan# 3498

Delta R.T. -0.03 min

Lab File: BM009969.D

Acq: 10 May 2017 14:06

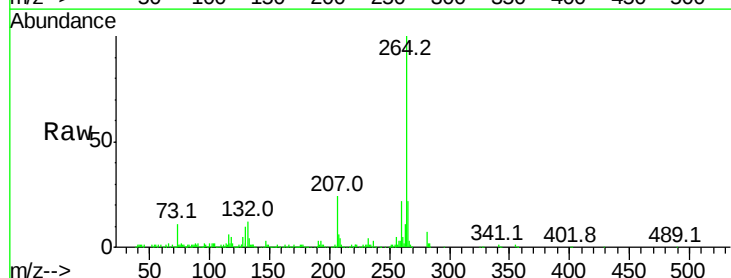
Tgt Ion:264 Resp: 498045

Ion Ratio Lower Upper

264 100

260 22.2 18.6 27.8

265 21.7 17.3 25.9



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

