

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
 Data File : BF079143.D
 Acq On : 12 May 2015 6:10
 Operator : TP/IZ
 Sample : G2176-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-31(3-5)

Quant Time: May 12 07:08:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 06:55:06 2015
 Response via : Initial Calibration

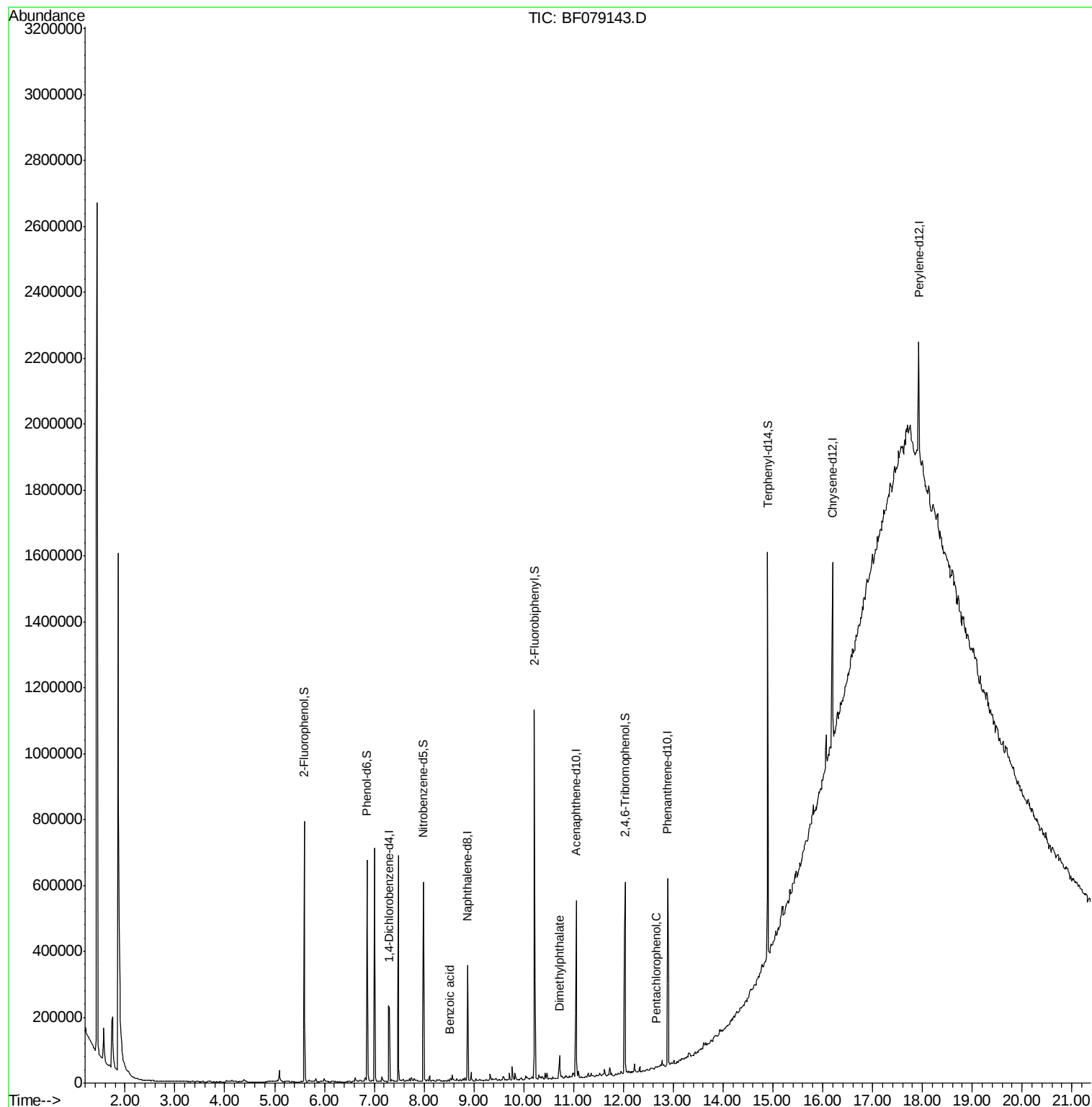
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	54430	20.00	ng	0.00
21) Naphthalene-d8	8.87	136	228744	20.00	ng	-0.01
38) Acenaphthene-d10	11.05	164	114322	20.00	ng	0.00
63) Phenanthrene-d10	12.89	188	225008	20.00	ng	0.00
75) Chrysene-d12	16.19	240	243589	20.00	ng	0.00
86) Perylene-d12	17.93	264	238123	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	235885	74.60	ng	0.00
7) Phenol-d6	6.86	99	311856	74.61	ng	0.00
23) Nitrobenzene-d5	7.99	82	183450	46.09	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	98868	79.94	ng	0.00
44) 2-Fluorobiphenyl	10.22	172	356091	43.40	ng	0.00
78) Terphenyl-d14	14.89	244	436455	42.90	ng	0.00
Target Compounds						
32) Benzoic acid	8.52	122	1286	6.86	ng	Qvalue 91
49) Dimethylphthalate	10.72	163	25264	3.01	ng	# 97
69) Pentachlorophenol	12.66	266	215	6.97	ng	# 18

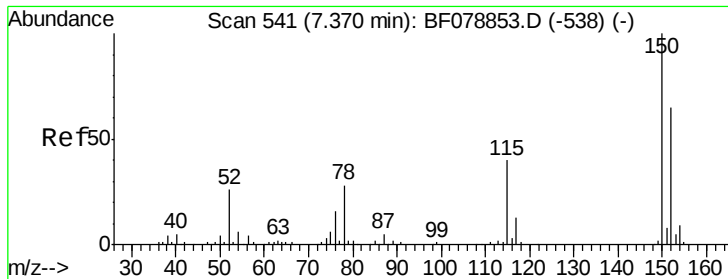
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 12 06:55:06 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.30 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF079143.D

Acq: 12 May 2015 6:10

Instrument :

BNA_F

ClientSampleId :

PS-31(3-5)

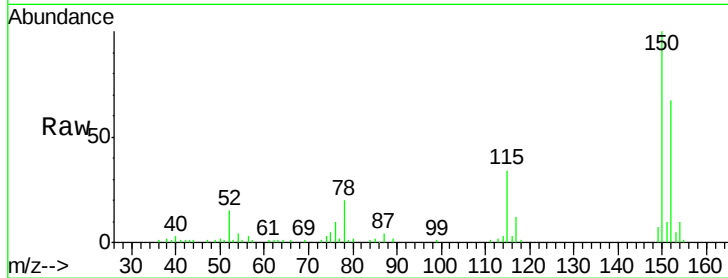
Tgt Ion:152 Resp: 54430

Ion Ratio Lower Upper

152 100

150 149.4 122.0 183.0

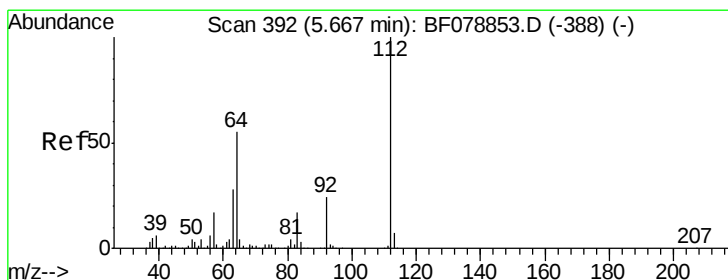
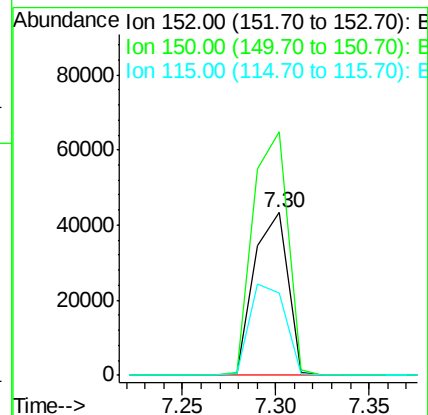
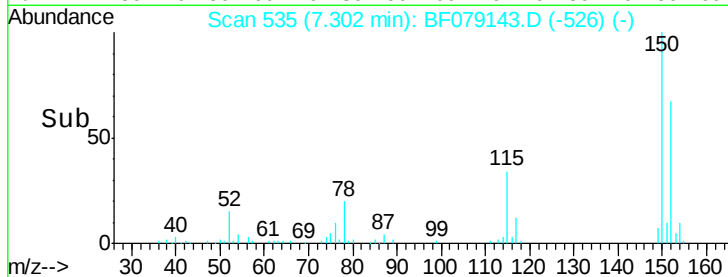
115 50.2 46.3 69.5



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



#5

2-Fluorophenol

Concen: 74.60 ng

RT: 5.60 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF079143.D

Acq: 12 May 2015 6:10

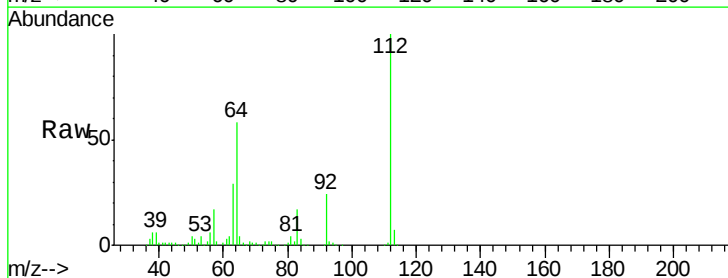
Tgt Ion:112 Resp: 235885

Ion Ratio Lower Upper

112 100

64 57.7 53.5 80.3

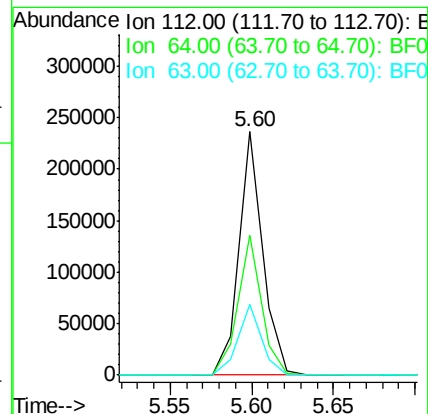
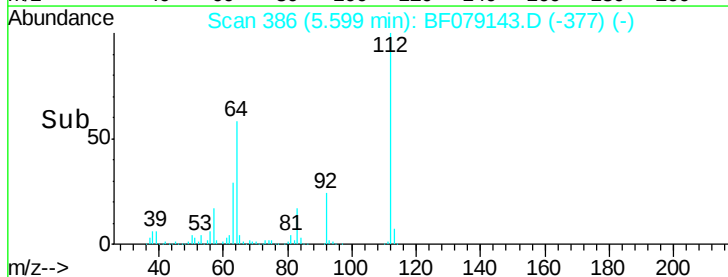
63 29.2 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 74.61 ng

RT: 6.86 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF079143.D

Acq: 12 May 2015 6:10

Instrument :

BNA_F

ClientSampleId :

PS-31(3-5)

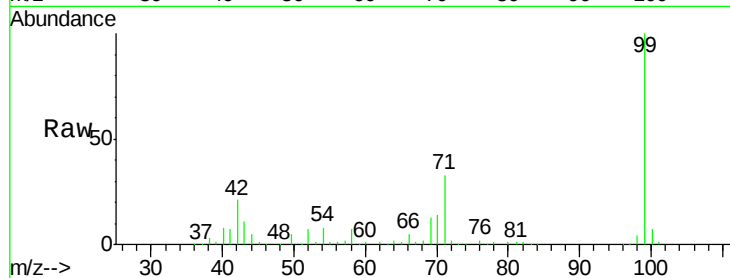
Tgt Ion: 99 Resp: 311856

Ion Ratio Lower Upper

99 100

42 20.5 12.8 19.2#

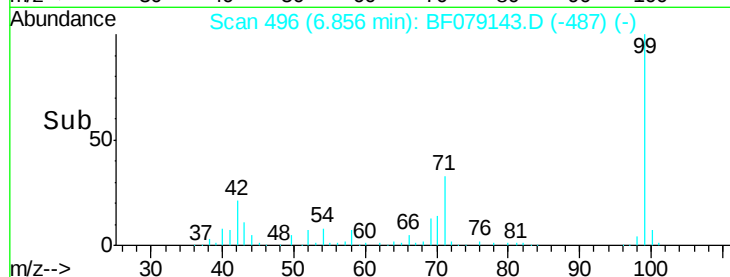
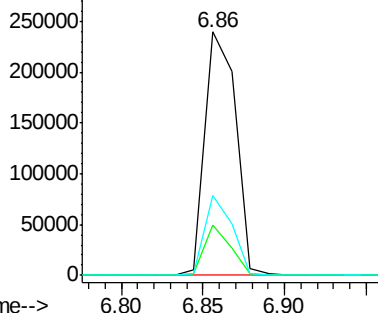
71 32.7 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.87 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF079143.D

Acq: 12 May 2015 6:10

Tgt Ion: 136 Resp: 228744

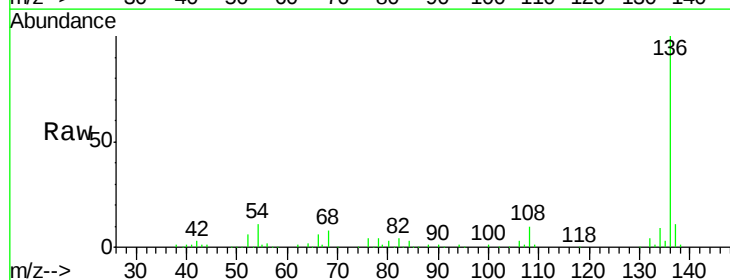
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.7 5.8 8.8#

68 8.0 4.2 6.4#

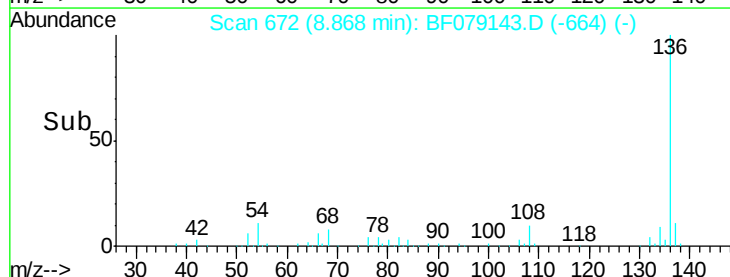
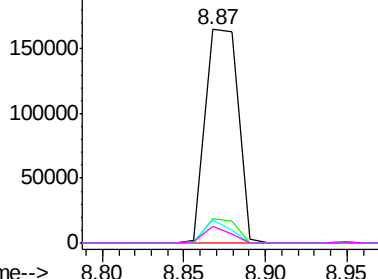


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

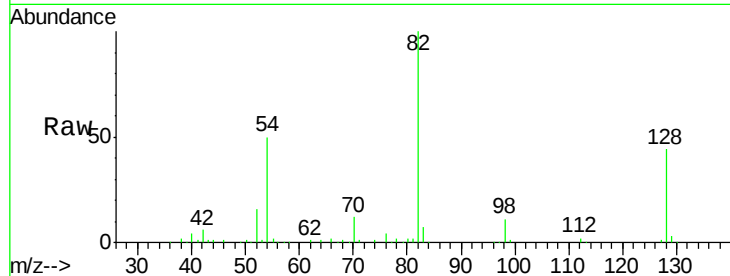




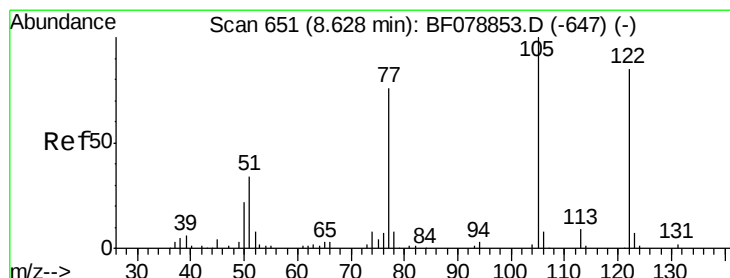
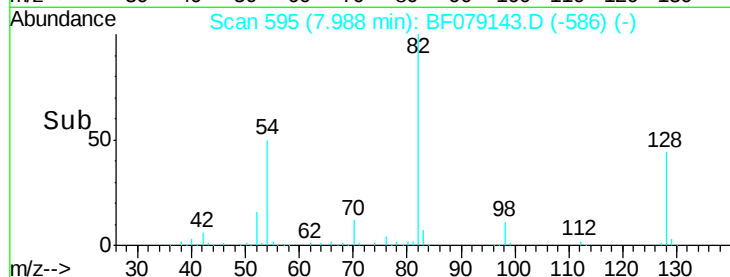
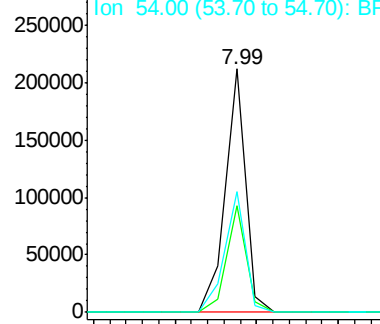
#23
 Nitrobenzene-d5
 Concen: 46.09 ng
 RT: 7.99 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF079143.D
 Acq: 12 May 2015 6:10

Instrument :
 BNA_F
 ClientSampleId :
 PS-31(3-5)

Tgt Ion: 82 Resp: 183450
 Ion Ratio Lower Upper
 82 100
 128 43.7 30.0 45.0
 54 49.6 46.4 69.6

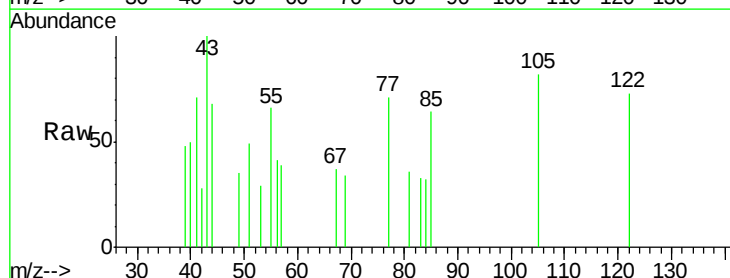


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

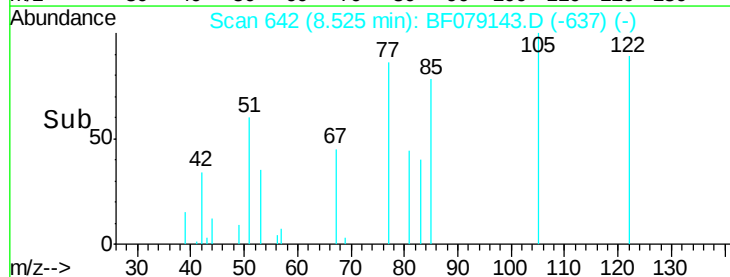
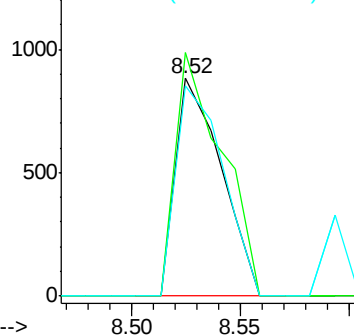


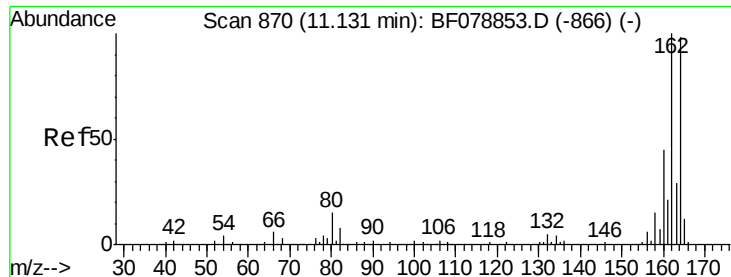
#32
 Benzoic acid
 Concen: 6.86 ng
 RT: 8.52 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF079143.D
 Acq: 12 May 2015 6:10

Tgt Ion: 122 Resp: 1286
 Ion Ratio Lower Upper
 122 100
 105 111.9 107.1 147.1
 77 96.6 73.9 113.9



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF079143.D

Acq: 12 May 2015 6:10

Instrument :

BNA_F

ClientSampleId :

PS-31(3-5)

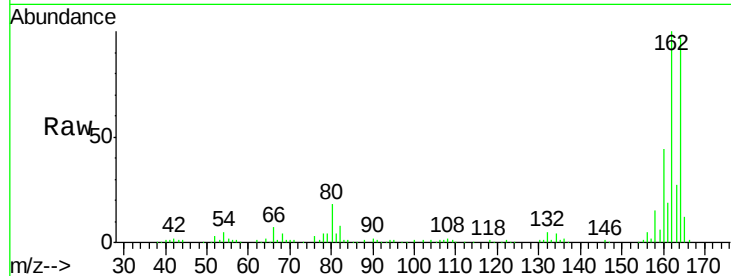
Tgt Ion:164 Resp: 114322

Ion Ratio Lower Upper

164 100

162 103.3 82.7 124.1

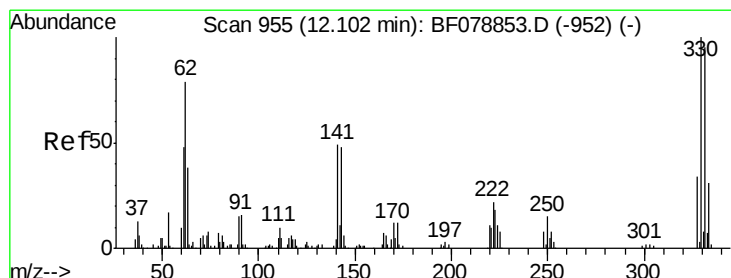
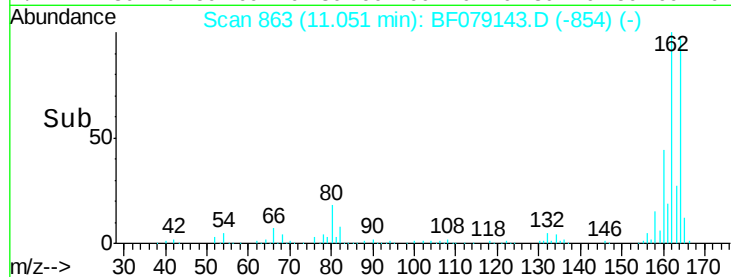
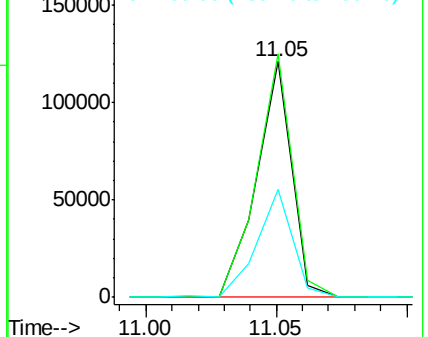
160 45.6 35.8 53.8



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: 79.94 ng

RT: 12.03 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF079143.D

Acq: 12 May 2015 6:10

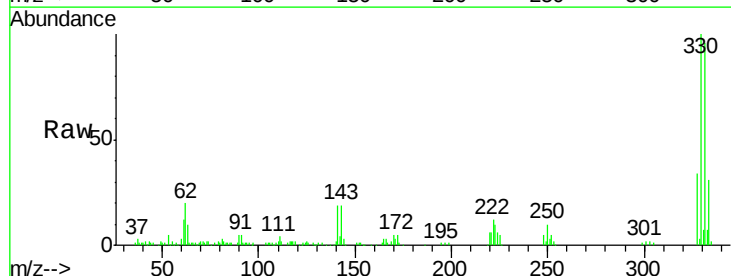
Tgt Ion:330 Resp: 98868

Ion Ratio Lower Upper

330 100

332 96.1 0.0 0.0#

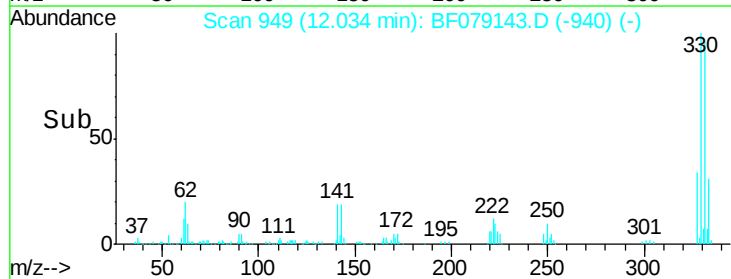
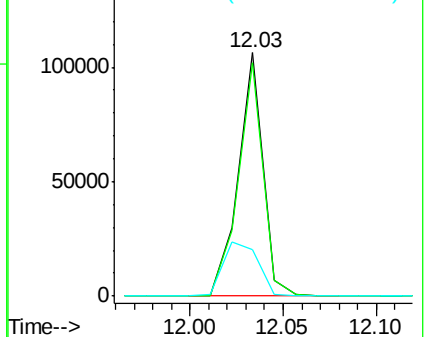
141 31.9 0.0 0.0#



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

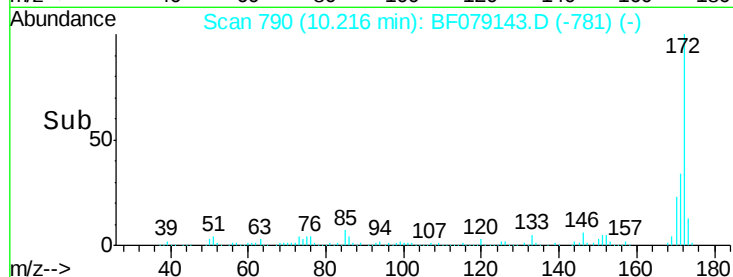
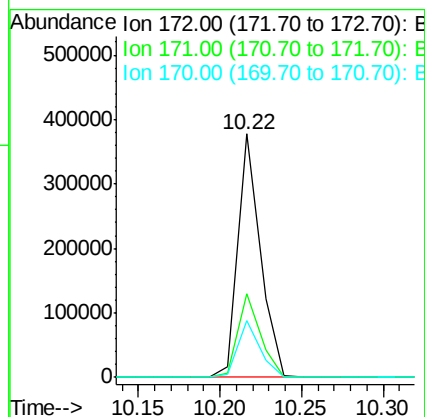
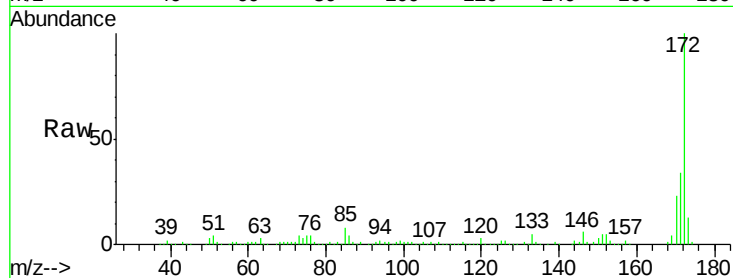




#44
 2-Fluorobiphenyl
 Concen: 43.40 ng
 RT: 10.22 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF079143.D
 Acq: 12 May 2015 6:10

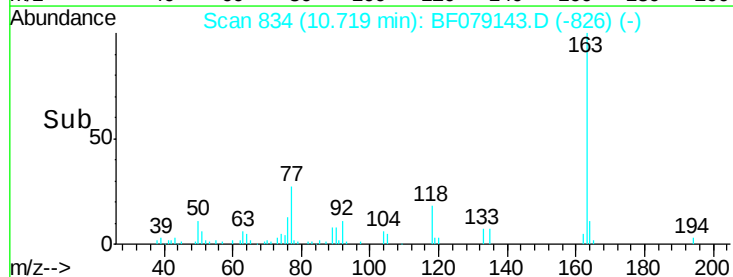
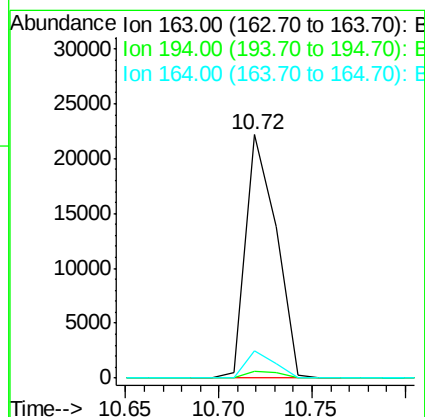
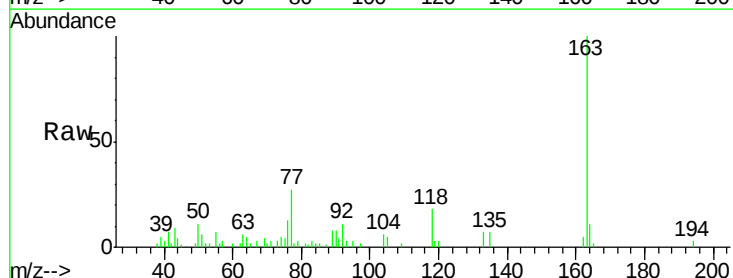
Instrument :
 BNA_F
 ClientSampleId :
 PS-31(3-5)

Tgt Ion:172 Resp: 356091
 Ion Ratio Lower Upper
 172 100
 171 34.4 27.9 41.9
 170 23.4 19.4 29.0



#49
 Dimethylphthalate
 Concen: 3.01 ng
 RT: 10.72 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF079143.D
 Acq: 12 May 2015 6:10

Tgt Ion:163 Resp: 25264
 Ion Ratio Lower Upper
 163 100
 194 2.6 2.6 4.0#
 164 11.4 8.1 12.1

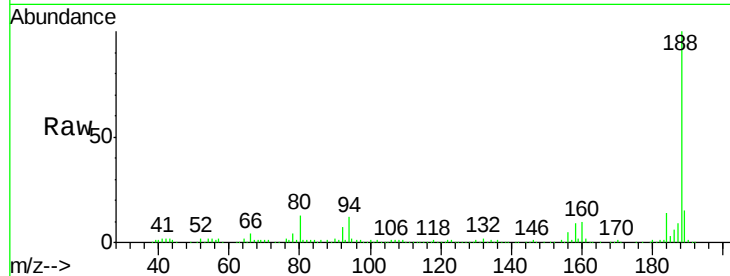




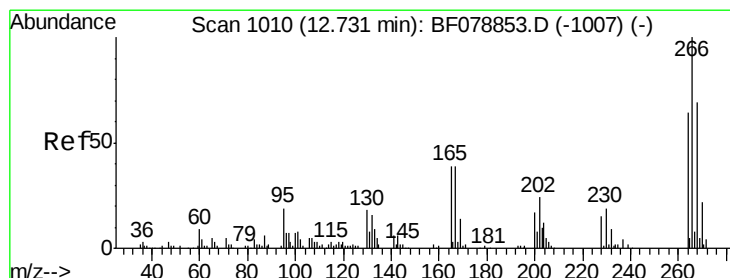
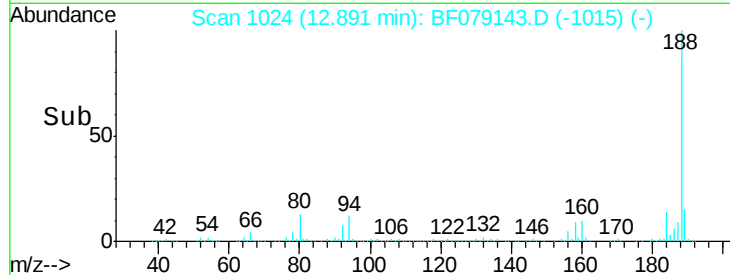
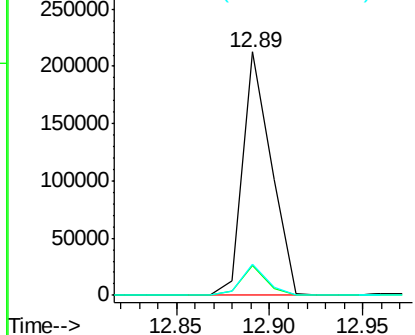
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.89 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF079143.D
Acq: 12 May 2015 6:10

Instrument :
BNA_F
ClientSampleId :
PS-31(3-5)

Tgt Ion:188 Resp: 225008
Ion Ratio Lower Upper
188 100
94 12.5 8.2 12.2#
80 12.9 8.9 13.3

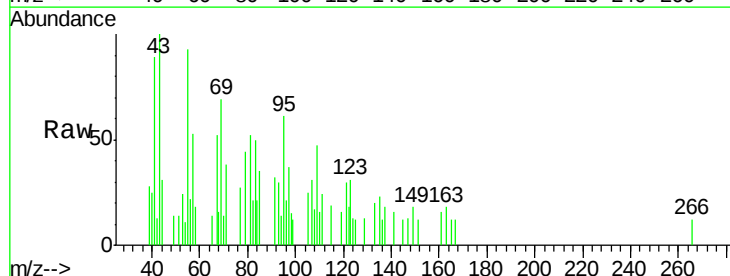


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

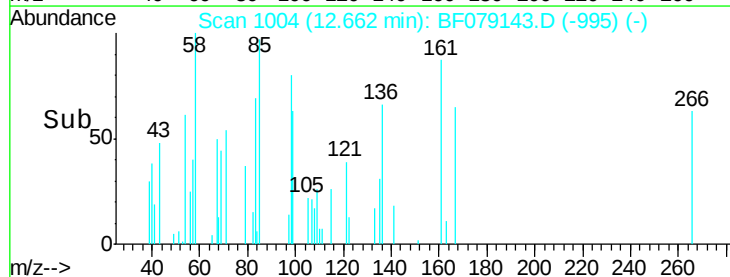
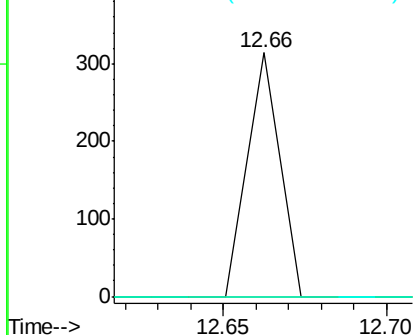


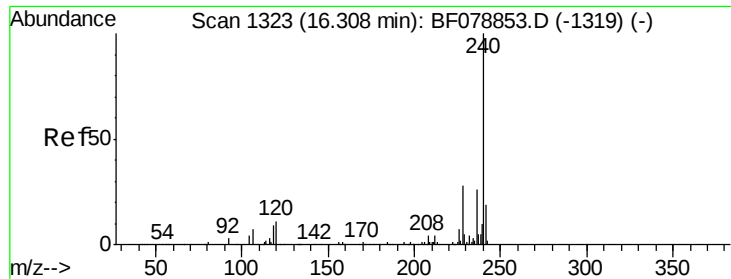
#69
Pentachlorophenol
Concen: 6.97 ng
RT: 12.66 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF079143.D
Acq: 12 May 2015 6:10

Tgt Ion:266 Resp: 215
Ion Ratio Lower Upper
266 100
268 0.0 55.0 82.6#
264 0.0 48.2 72.2#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.19 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF079143.D

Acq: 12 May 2015 6:10

Instrument :

BNA_F

ClientSampleId :

PS-31(3-5)

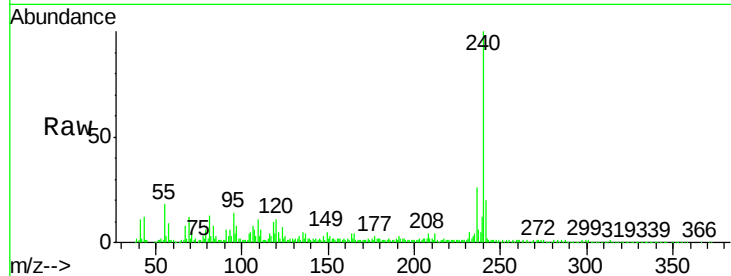
Tgt Ion:240 Resp: 243589

Ion Ratio Lower Upper

240 100

120 11.4 9.7 14.5

236 26.1 20.2 30.4

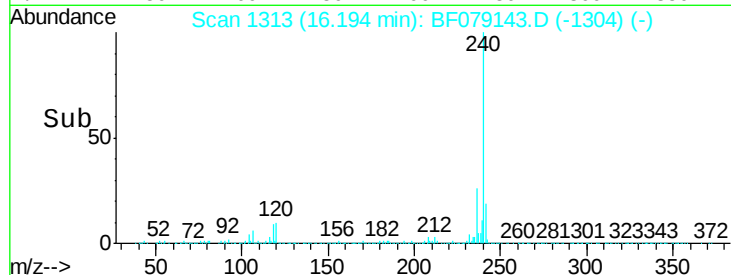


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time--> 16.10 16.15 16.20 16.25

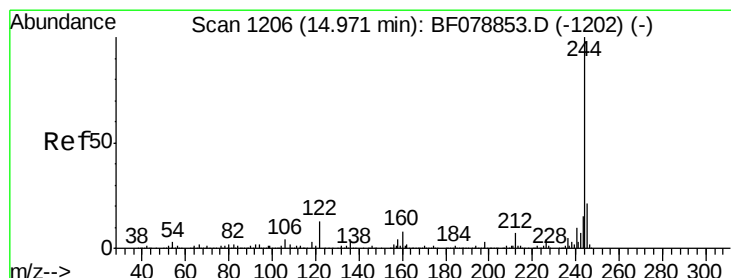


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 14.80 14.90



#78

Terphenyl-d14

Concen: 42.90 ng

RT: 14.89 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF079143.D

Acq: 12 May 2015 6:10

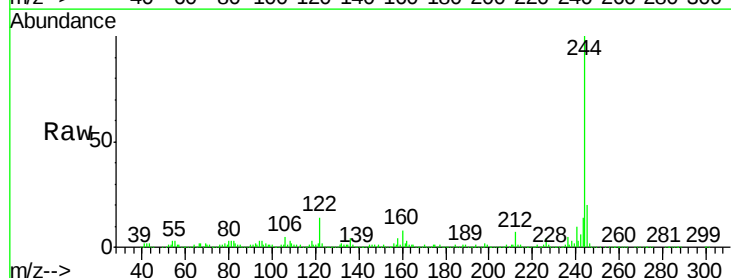
Tgt Ion:244 Resp: 436455

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 13.6 10.3 15.5

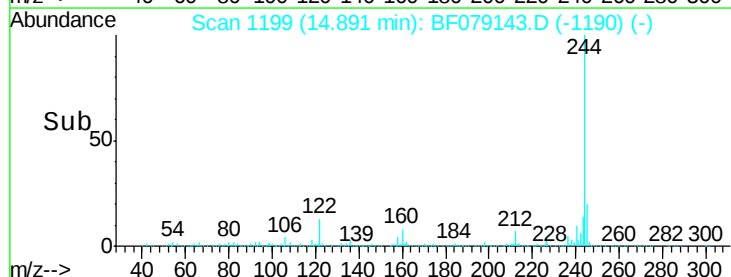


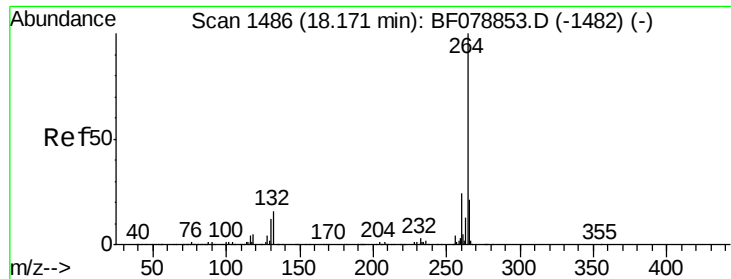
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 14.80 14.90

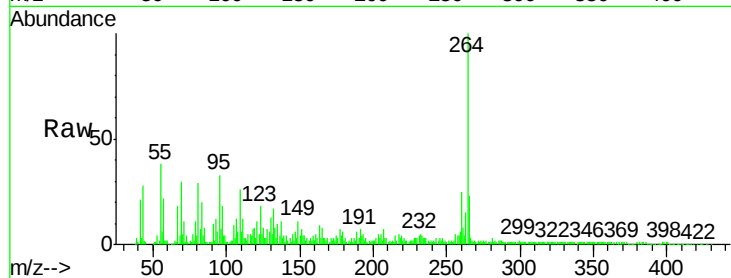




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.93 min Scan# 1465
Delta R.T. 0.05 min
Lab File: BF079143.D
Acq: 12 May 2015 6:10

Instrument :
BNA_F
ClientSampleId :
PS-31(3-5)

Tgt Ion: 264 Resp: 238123
Ion Ratio Lower Upper
264 100
260 25.4 19.4 29.2
265 23.1 18.3 27.5



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

