

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041417\
 Data File : BF094434.D
 Acq On : 14 Apr 2017 17:56
 Operator : SJ/MA
 Sample : I2677-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 041117-DSDC-F-U-M

Quant Time: Apr 15 01:09:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 16:39:08 2017
 Response via : Initial Calibration

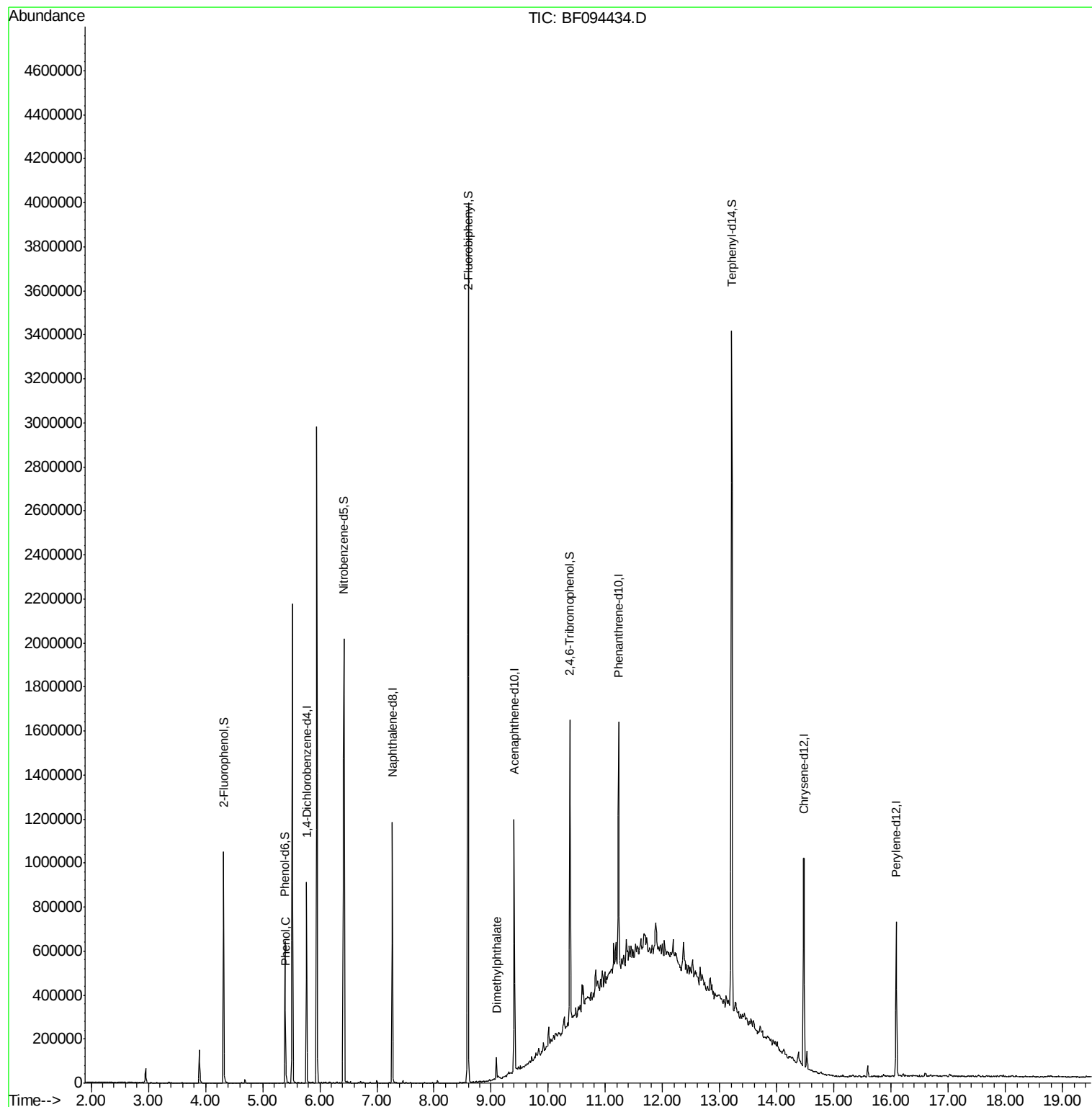
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	138811	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	568516	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	261913	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	462926	20.00	ng	0.00
75) Chrysene-d12	14.47	240	398540	20.00	ng	0.00
86) Perylene-d12	16.09	264	278673	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	287622	35.00	ng	0.00
7) Phenol-d6	5.39	99	214074	21.06	ng	-0.01
23) Nitrobenzene-d5	6.42	82	840113	84.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	169981	82.13	ng	-0.01
44) 2-Fluorobiphenyl	8.60	172	1549882	90.26	ng	0.00
78) Terphenyl-d14	13.21	244	1239553	69.72	ng	0.00
Target Compounds						
10) Phenol	5.40	94	27441	2.37	ng	95
49) Dimethylphthalate	9.09	163	46786	2.51	ng	98

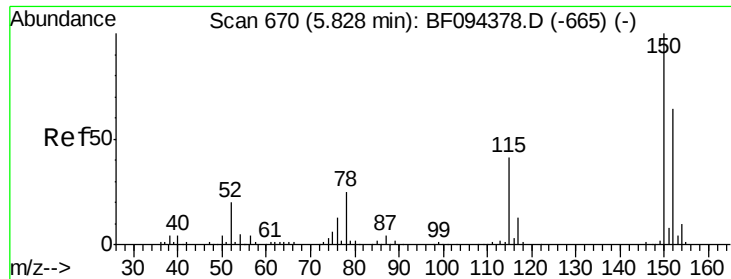
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.77 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF094434.D

Acq: 14 Apr 2017 17:56

Instrument :

BNA_F

ClientSampleId :

041117-DSDC-F-U-M

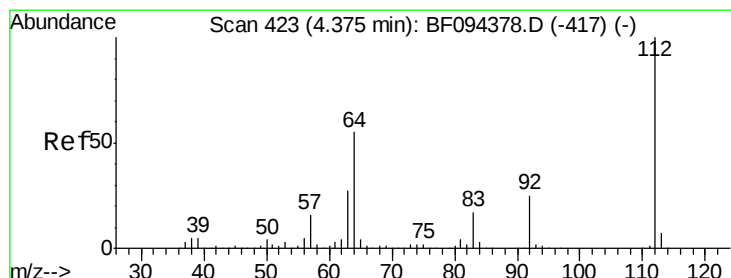
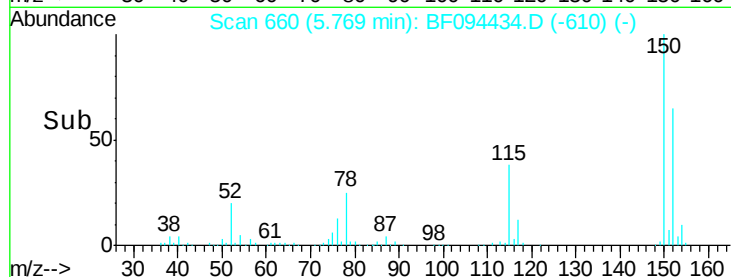
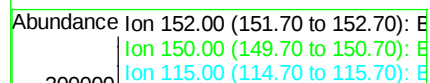
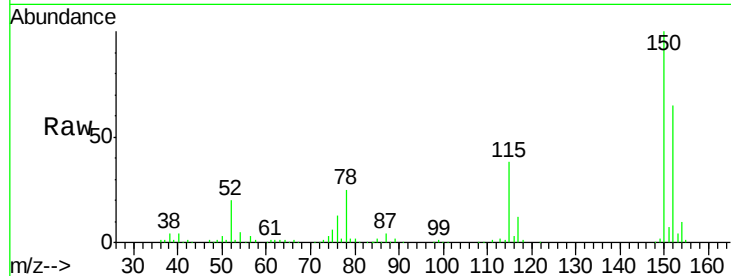
Tot Ion:152 Resp: 138811

Ion Ratio Lower Upper

152 100

150 154.3 126.2 189.2

115 59.0 52.2 78.2



#5

2-Fluorophenol

Concen: 35.00 ng

RT: 4.32 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF094434.D

Acq: 14 Apr 2017 17:56

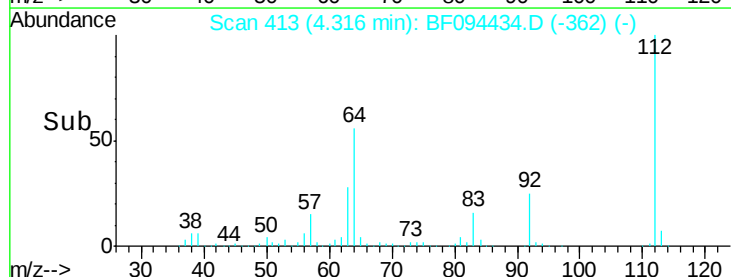
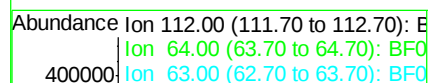
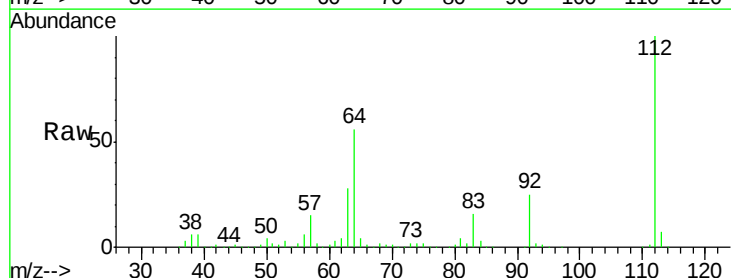
Tgt Ion:112 Resp: 287622

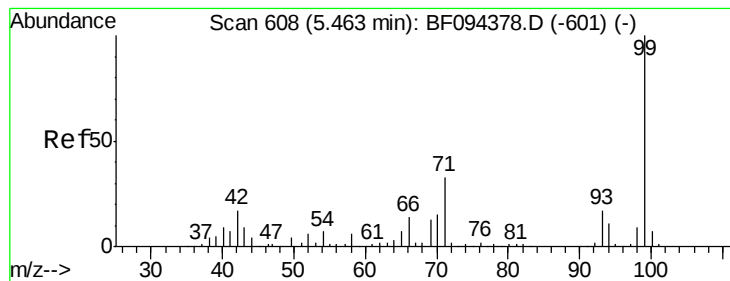
Ion Ratio Lower Upper

112 100

64 55.9 46.0 69.0

63 27.8 23.4 35.0





#7

Phenol-d6

Concen: 21.06 ng

RT: 5.39 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF094434.D

Acq: 14 Apr 2017 17:56

Instrument :

BNA_F

ClientSampleId :

041117-DSDC-F-U-M

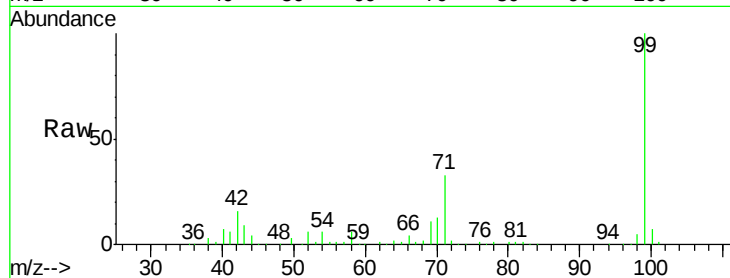
Tot Ion: 99 Resp: 214074

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

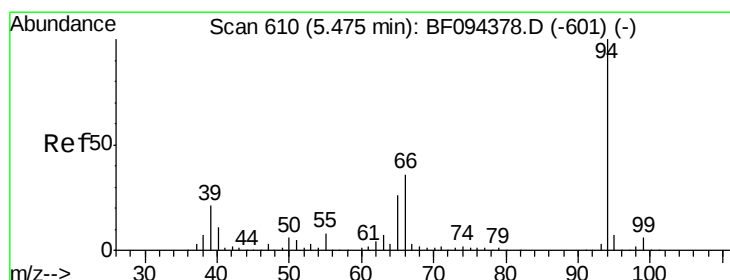
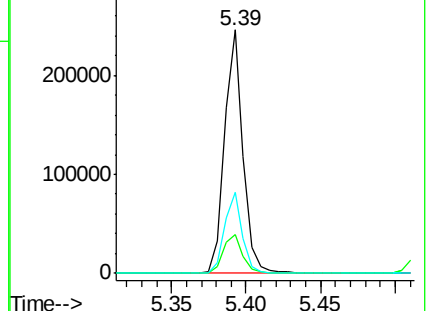
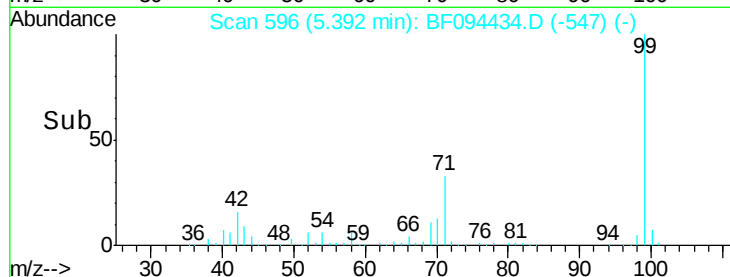
71 33.1 24.5 36.7



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



#10

Phenol

Concen: 2.37 ng

RT: 5.40 min Scan# 598

Delta R.T. -0.02 min

Lab File: BF094434.D

Acq: 14 Apr 2017 17:56

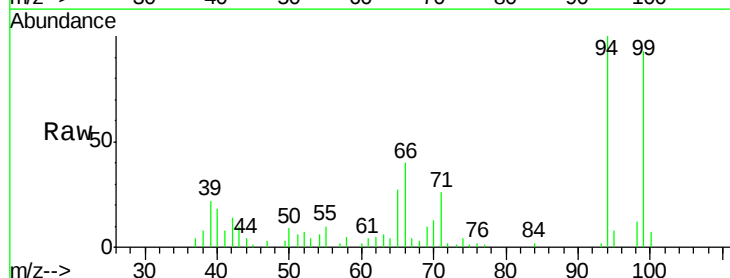
Tgt Ion: 94 Resp: 27441

Ion Ratio Lower Upper

94 100

65 27.5 9.9 49.9

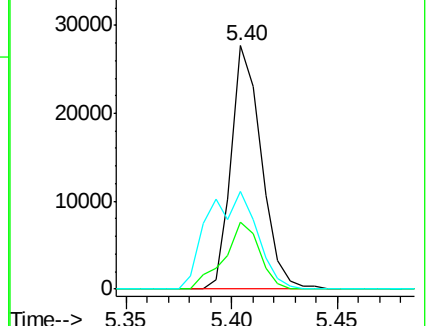
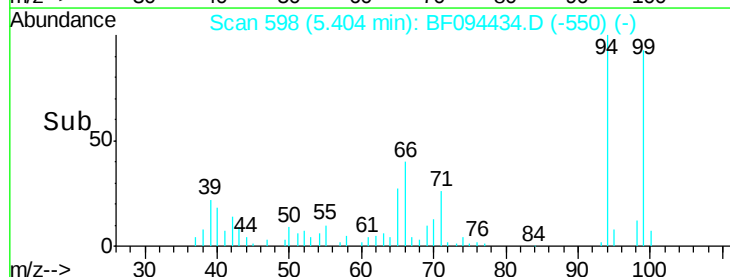
66 40.0 23.1 63.1

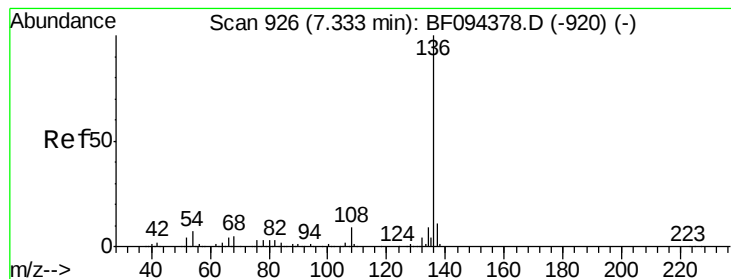


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF094434.D

Acq: 14 Apr 2017 17:56

Instrument :

BNA_F

ClientSampleId :

041117-DSDC-F-U-M

Tot Ion:136 Resp: 568516

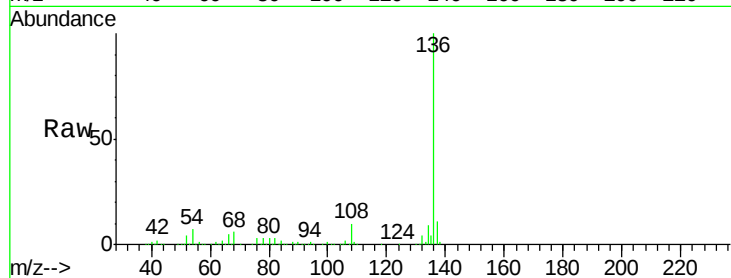
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.4 4.9 7.3#

68 5.6 4.1 6.1

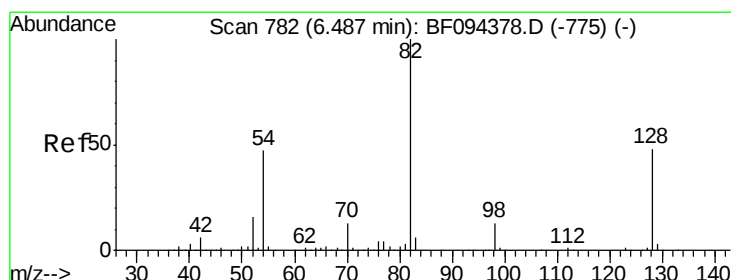
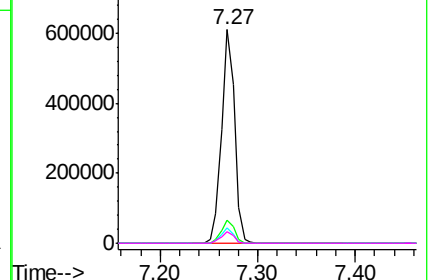
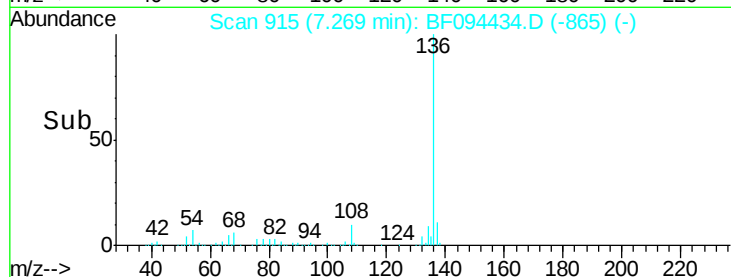


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 84.33 ng

RT: 6.42 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF094434.D

Acq: 14 Apr 2017 17:56

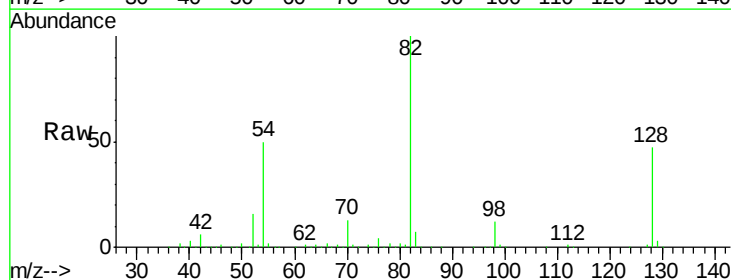
Tgt Ion: 82 Resp: 840113

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

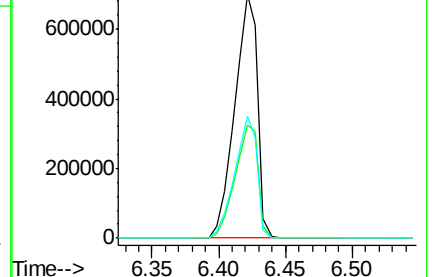
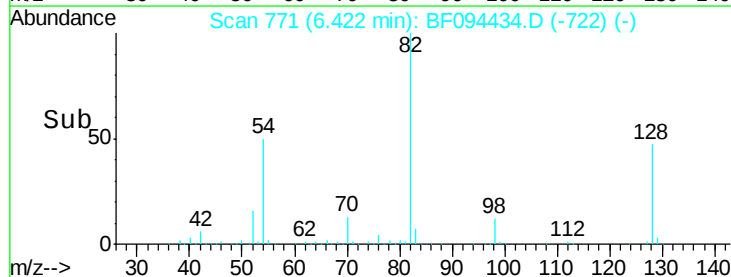
54 49.9 42.2 63.2

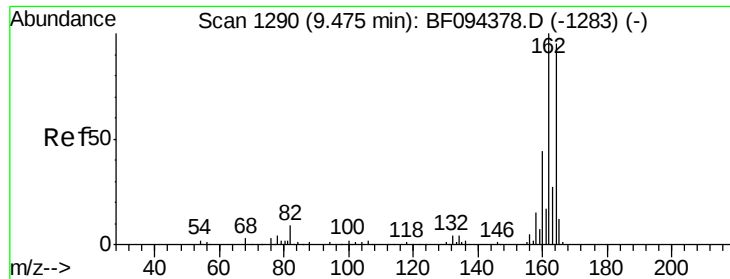


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF094434.D

Acq: 14 Apr 2017 17:56

Instrument :

BNA_F

ClientSampleId :

041117-DSDC-F-U-M

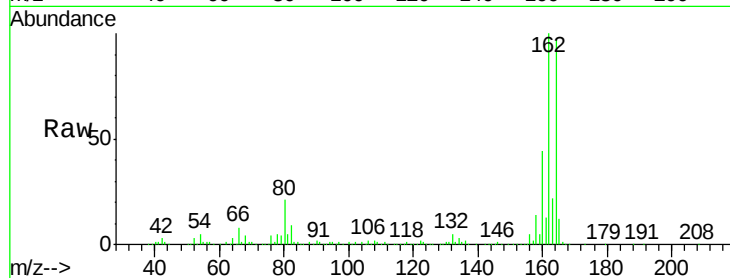
Tot Ion:164 Resp: 261913

Ion Ratio Lower Upper

164 100

162 103.3 82.6 123.8

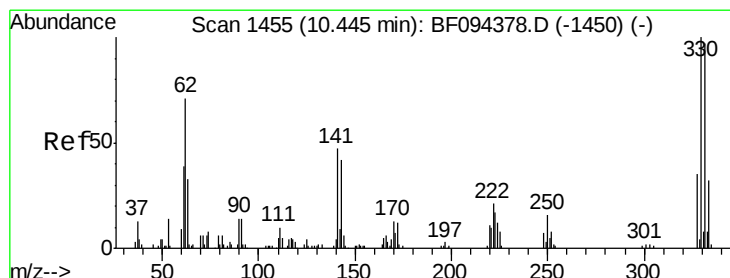
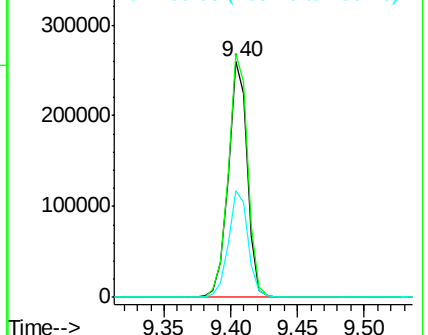
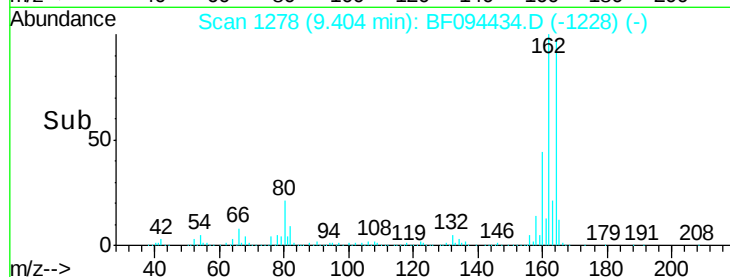
160 45.2 36.2 54.2



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: 82.13 ng

RT: 10.38 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF094434.D

Acq: 14 Apr 2017 17:56

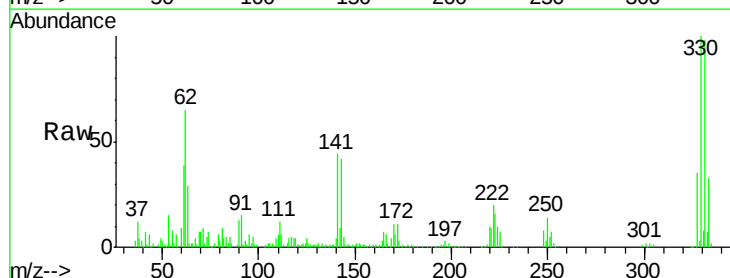
Tgt Ion:330 Resp: 169981

Ion Ratio Lower Upper

330 100

332 97.5 76.6 115.0

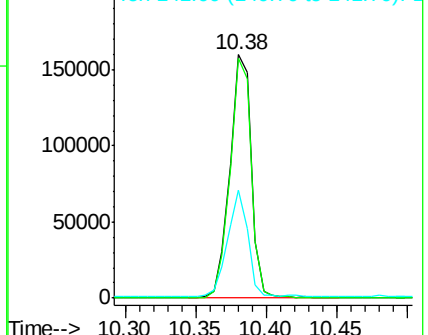
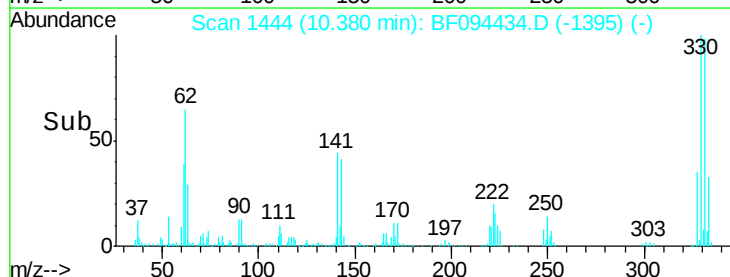
141 40.7 31.4 47.2

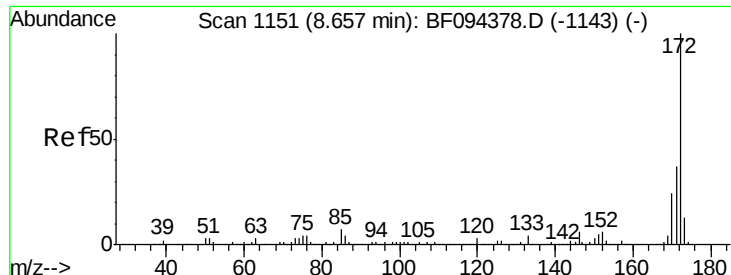


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

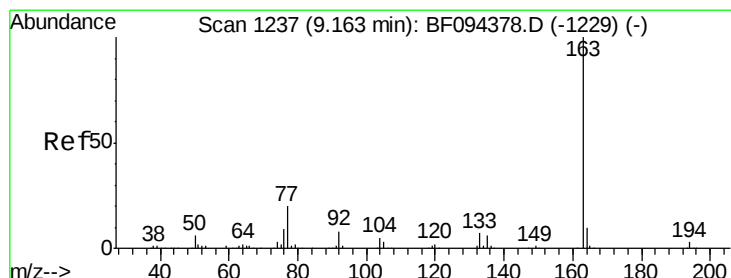
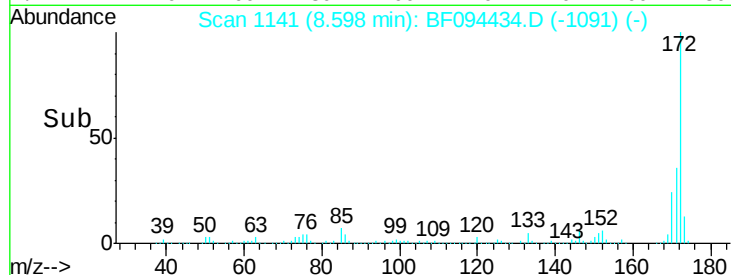
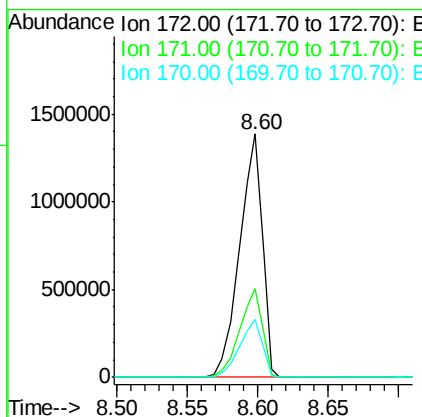
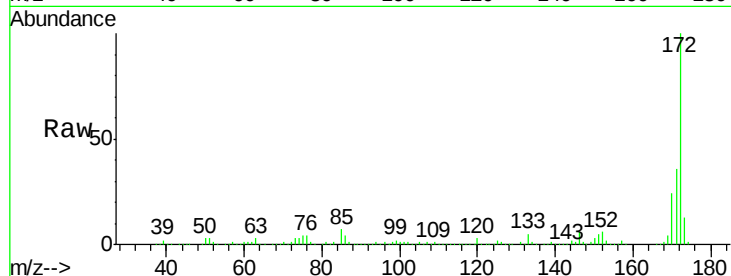




#44
2-Fluorobiphenyl
Concen: 90.26 ng
RT: 8.60 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF094434.D
Acq: 14 Apr 2017 17:56

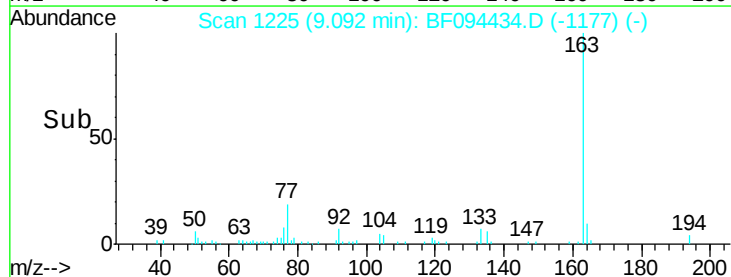
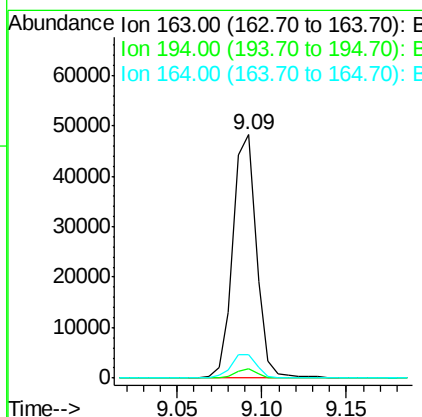
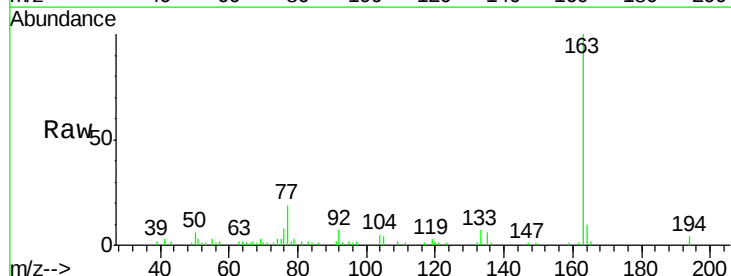
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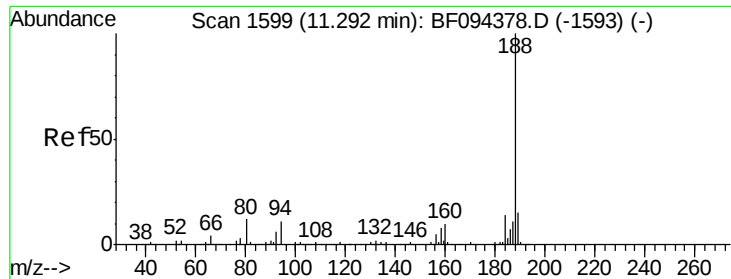
Tot Ion:172 Resp: 1549882
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 23.9 19.8 29.8



#49
Dimethylphthalate
Concen: 2.51 ng
RT: 9.09 min Scan# 1225
Delta R.T. -0.02 min
Lab File: BF094434.D
Acq: 14 Apr 2017 17:56

Tgt Ion:163 Resp: 46786
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.8 8.4 12.6

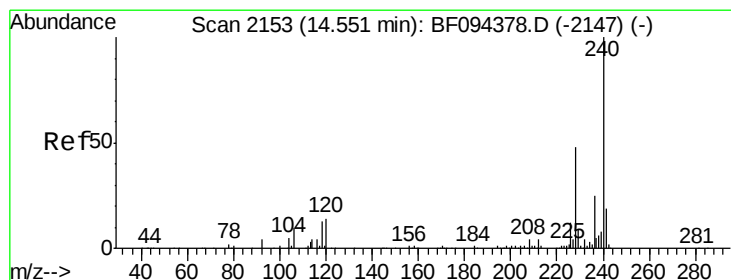
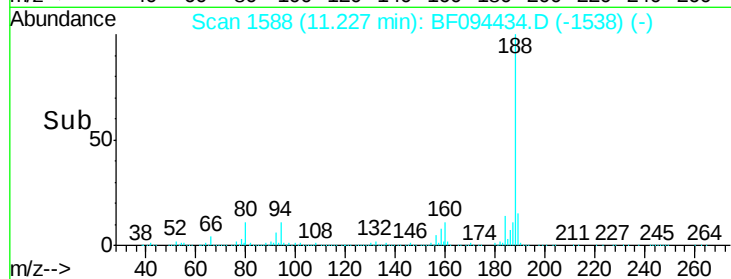
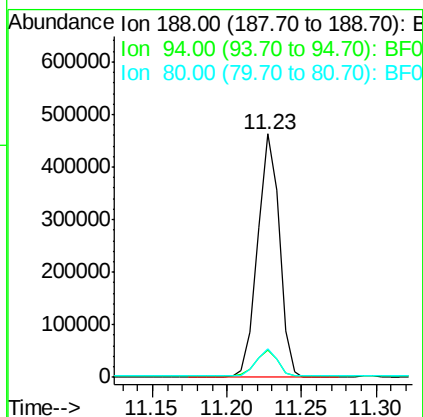
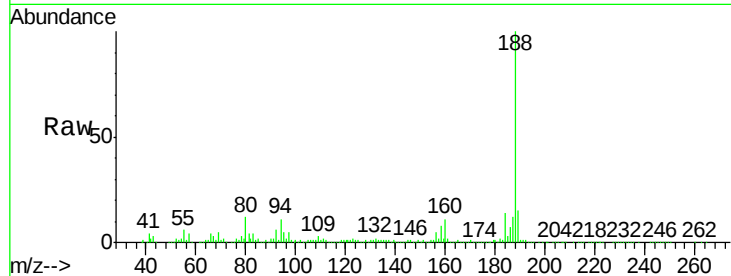




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF094434.D
Acq: 14 Apr 2017 17:56

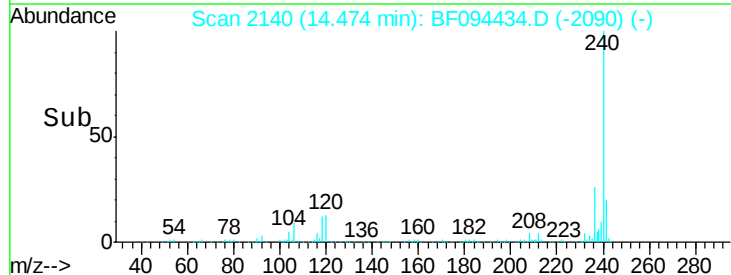
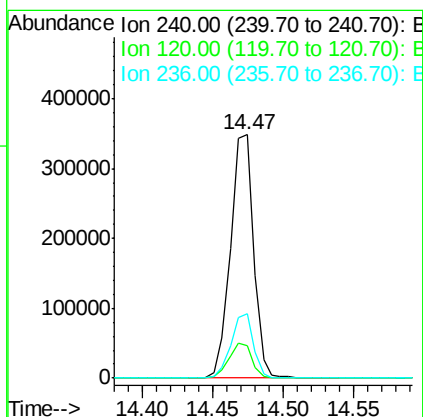
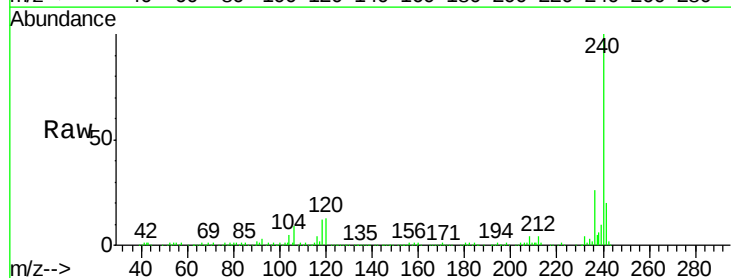
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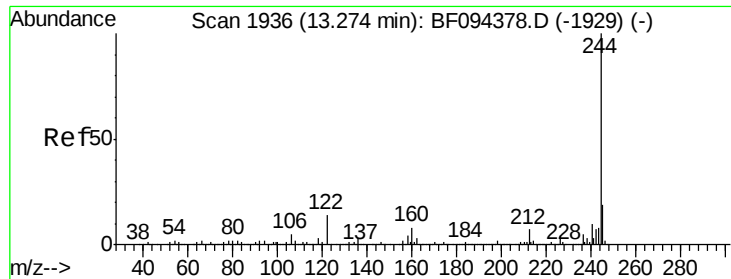
Tot Ion:188 Resp: 462926
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BF094434.D
Acq: 14 Apr 2017 17:56

Tgt Ion:240 Resp: 398540
Ion Ratio Lower Upper
240 100
120 13.5 5.8 8.8#
236 26.4 20.5 30.7





#78

Terphenyl-d14

Concen: 69.72 ng

RT: 13.21 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BF094434.D

Acq: 14 Apr 2017 17:56

Instrument :

BNA_F

ClientSampleId :

041117-DSDC-F-U-M

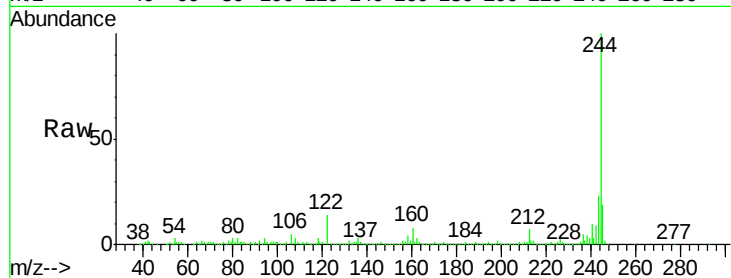
Tot Ion:244 Resp: 1239553

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

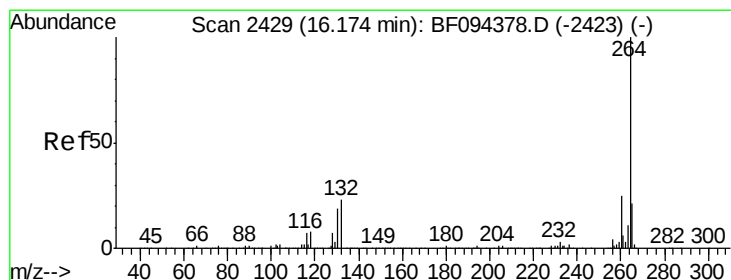
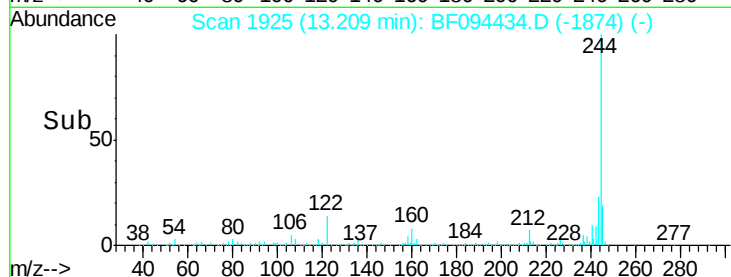
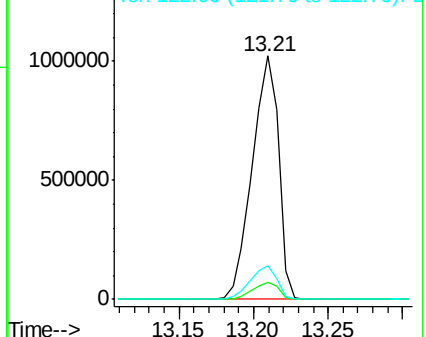
122 13.9 10.3 15.5



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.09 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BF094434.D

Acq: 14 Apr 2017 17:56

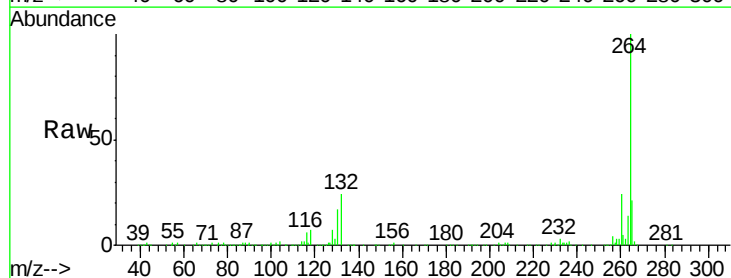
Tgt Ion:264 Resp: 278673

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 20.8 17.2 25.8



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

