

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104146.D
 Acq On : 2 Apr 2018 20:04
 Operator : JU/SJ
 Sample : J2099-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-105(13-14)

Quant Time: Apr 03 01:44:59 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 02 13:40:00 2018
 Response via : Initial Calibration

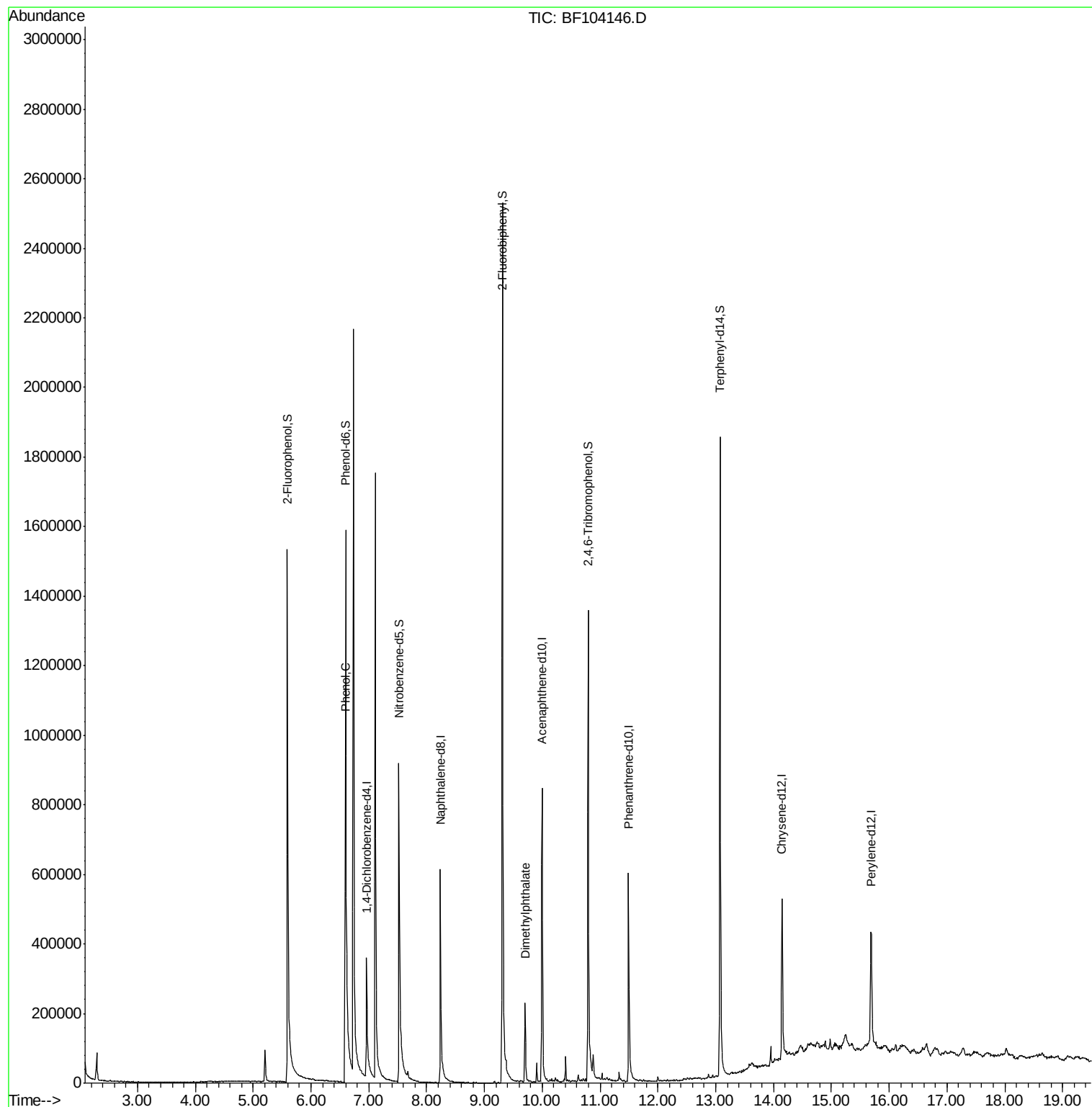
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	102744	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	423124	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	198098	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	321427	20.00	ng	0.00
75) Chrysene-d12	14.15	240	223085	20.00	ng	0.00
86) Perylene-d12	15.69	264	223940	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	727027	112.85	ng	0.00
7) Phenol-d6	6.60	99	938749	118.43	ng	0.00
23) Nitrobenzene-d5	7.52	82	573948	82.95	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	227133	102.97	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1081728	86.11	ng	0.00
78) Terphenyl-d14	13.08	244	790413	81.81	ng	0.00
Target Compounds						
10) Phenol	6.61	94	66736	7.599	ng	80
49) Dimethylphthalate	9.70	163	113235	7.240	ng	100

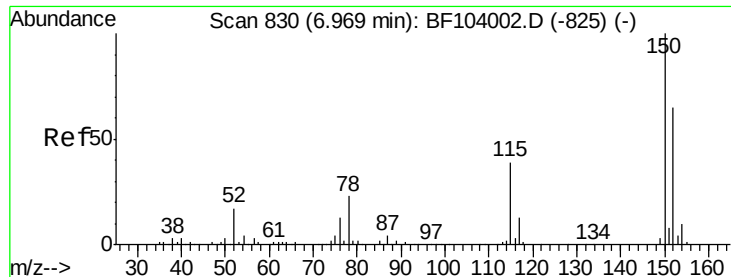
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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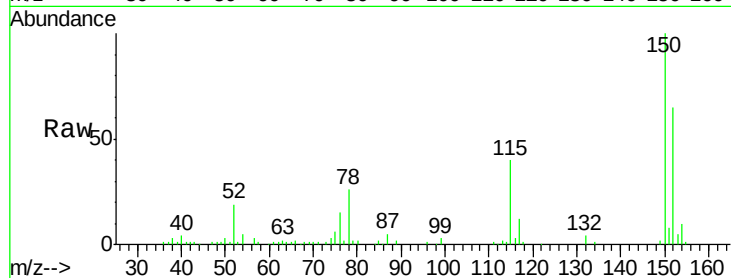


#1

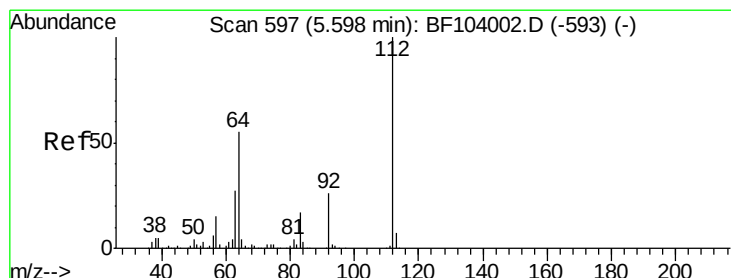
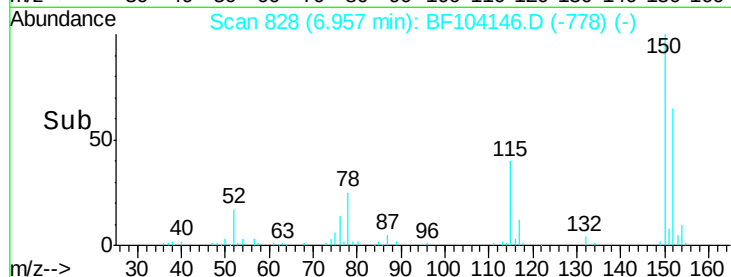
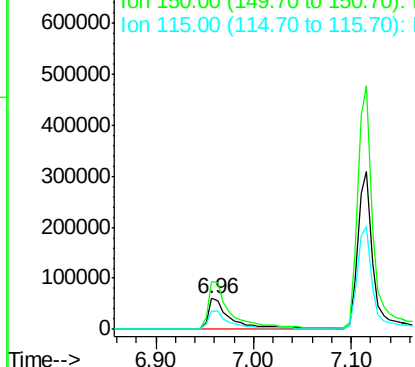
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF104146.D
 Acq: 2 Apr 2018 20:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-105(13-14)

Tot Ion:152 Resp: 102744
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.6 186.8
 115 61.5 50.1 75.1



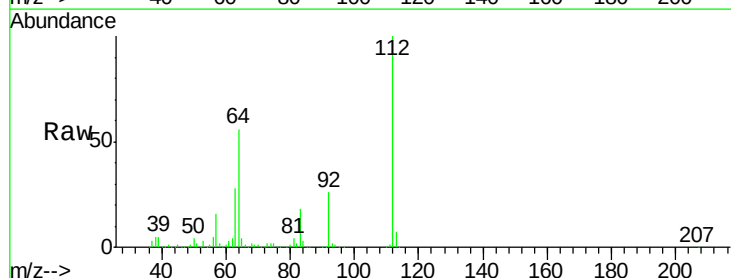
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



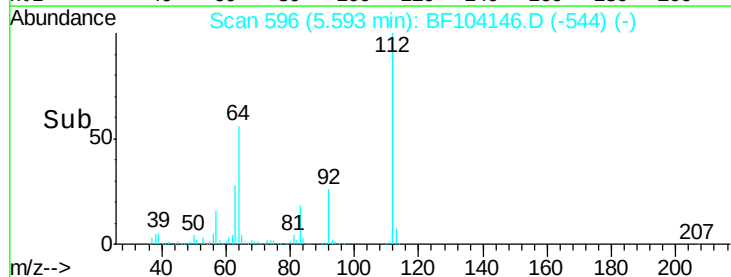
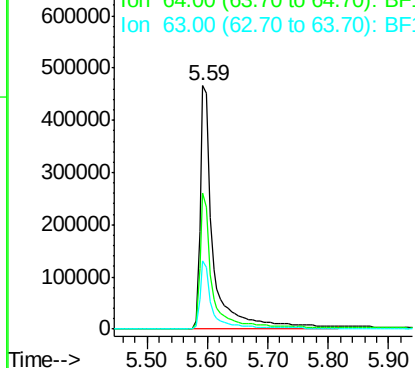
#5

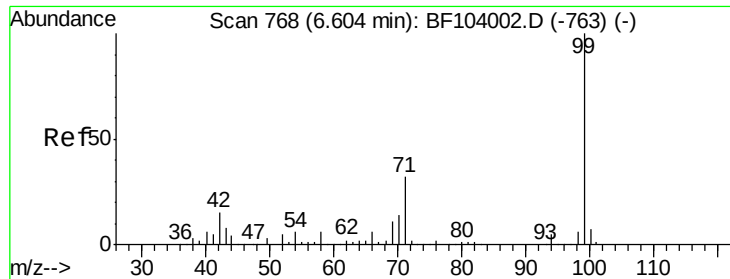
2-Fluorophenol
 Concen: 112.846 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF104146.D
 Acq: 2 Apr 2018 20:04

Tgt Ion:112 Resp: 727027
 Ion Ratio Lower Upper
 112 100
 64 55.8 47.9 71.9
 63 28.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 118.433 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104146.D

Acq: 2 Apr 2018 20:04

Instrument :

BNA_F

ClientSampleId :

SB-105(13-14)

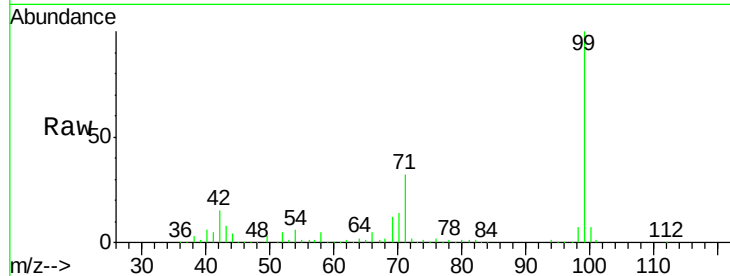
Tot Ion: 99 Resp: 938749

Ion Ratio Lower Upper

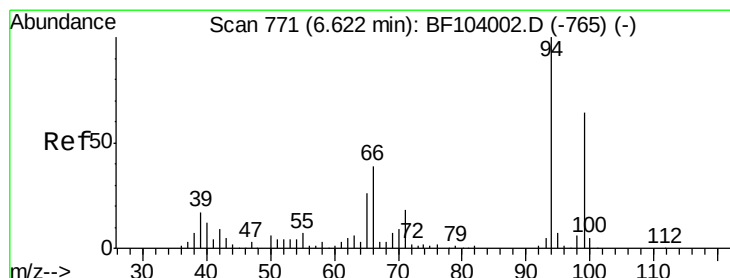
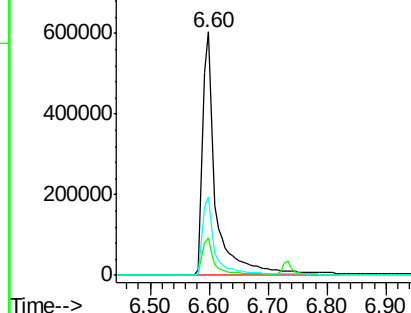
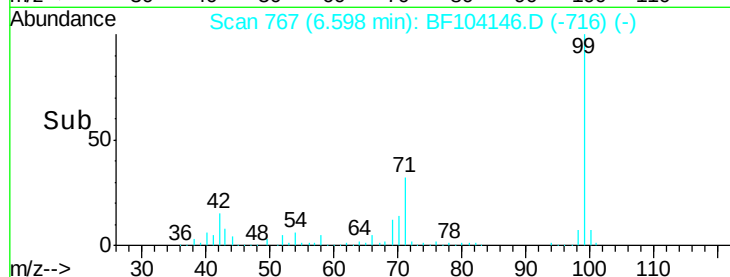
99 100

42 15.4 14.5 21.7

71 32.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 7.599 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF104146.D

Acq: 2 Apr 2018 20:04

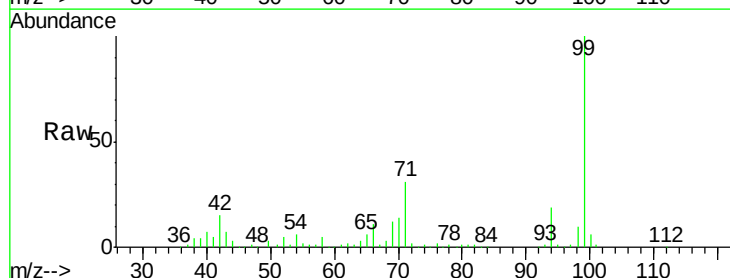
Tgt Ion: 94 Resp: 66736

Ion Ratio Lower Upper

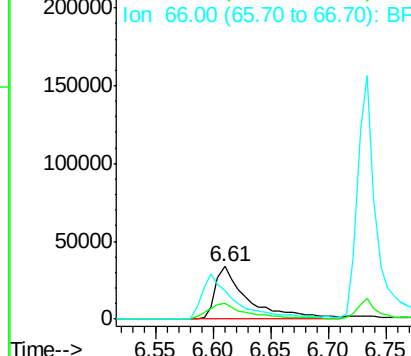
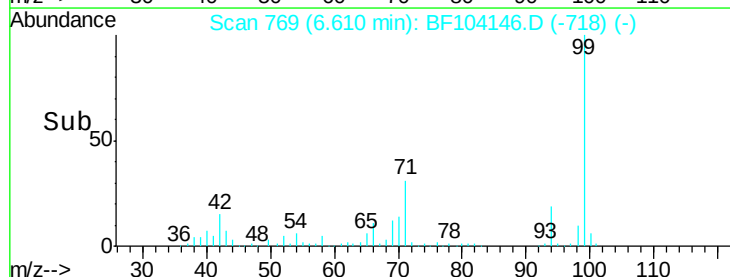
94 100

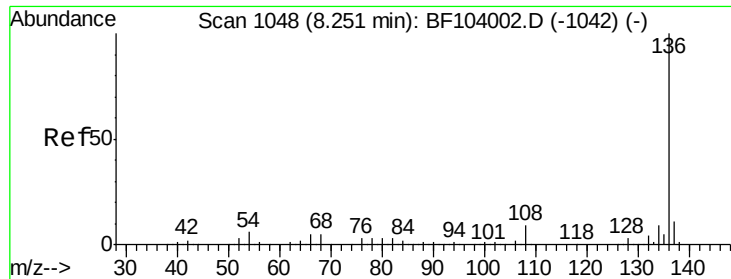
65 29.1 7.9 47.9

66 55.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

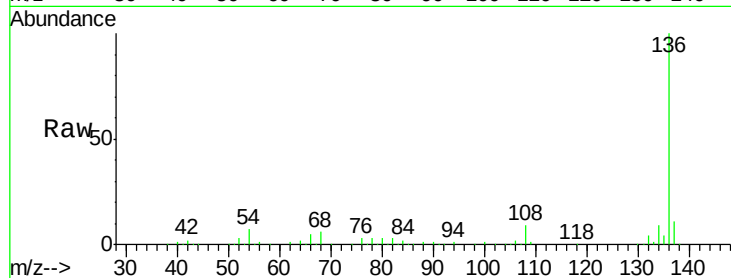




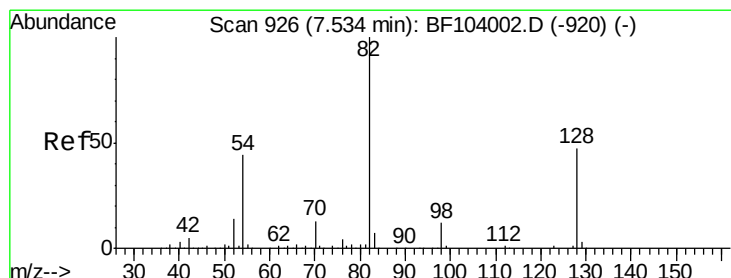
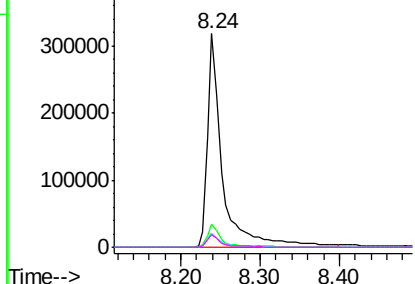
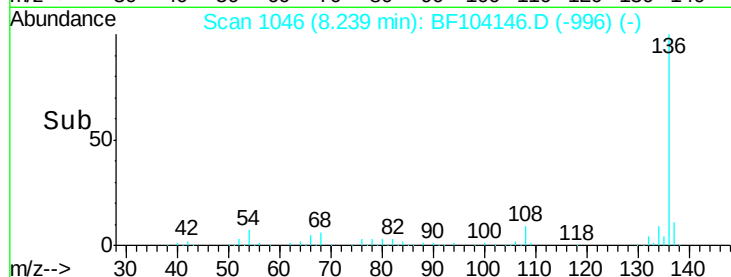
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104146.D
Acq: 2 Apr 2018 20:04

Instrument :
BNA_F
ClientSampleId :
SB-105(13-14)

Tot Ion:136	Resp:	423124
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.9	13.3
54 6.8	6.6	9.8
68 6.2	5.0	7.4

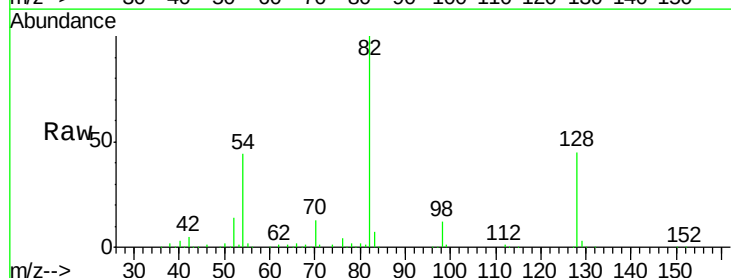


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

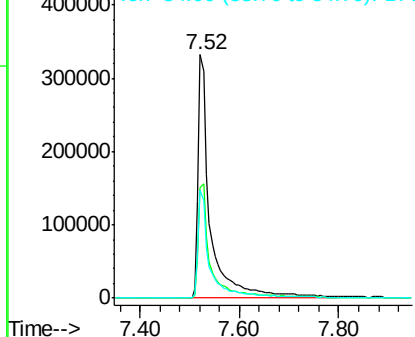
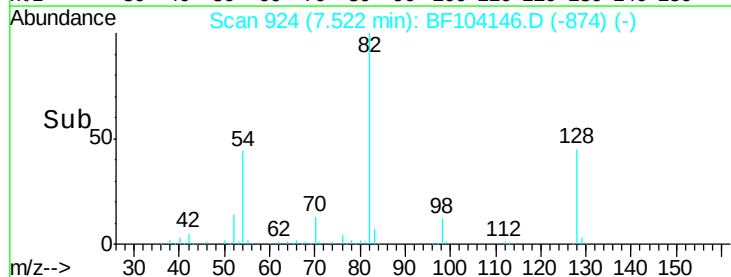


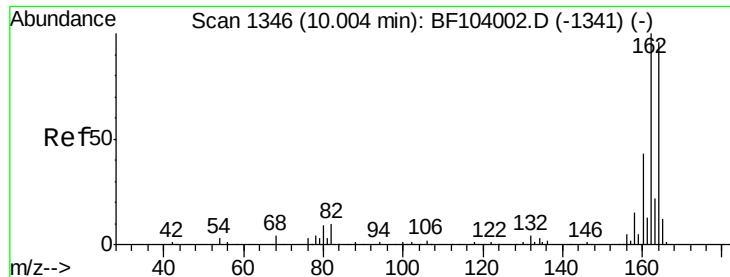
#23
Nitrobenzene-d5
Concen: 82.955 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF104146.D
Acq: 2 Apr 2018 20:04

Tgt Ion: 82	Resp: 573948
Ion Ratio	Lower Upper
82 100	
128 45.3	36.1 54.1
54 44.2	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

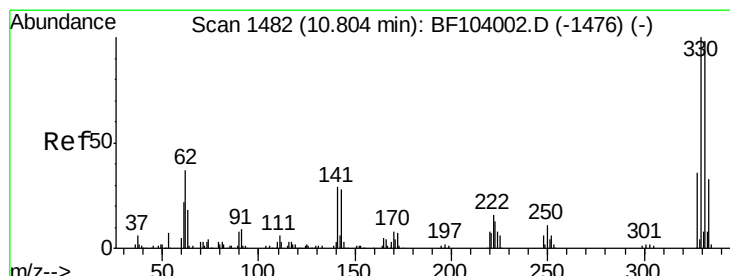
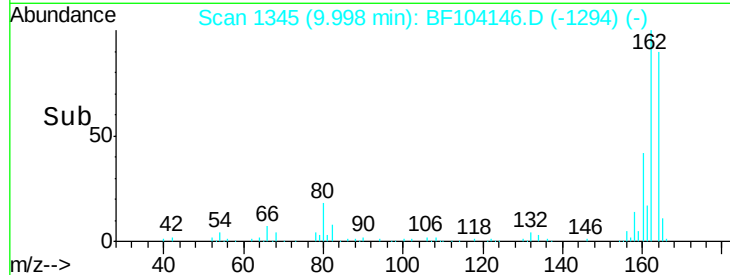
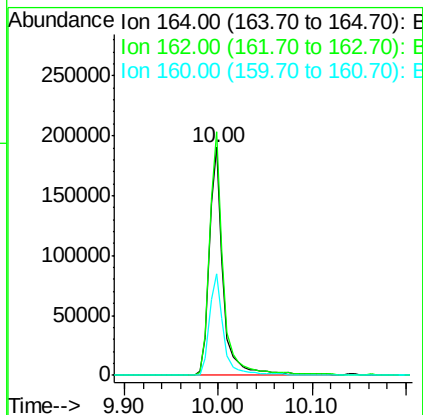
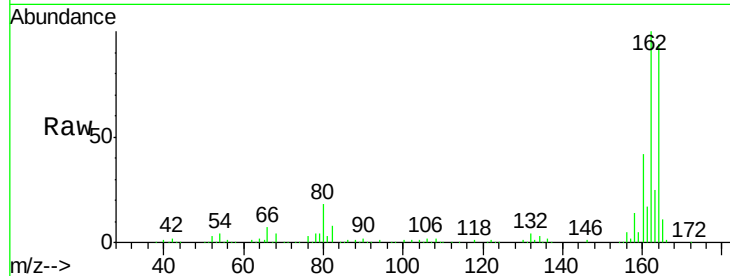




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: BF104146.D
 Acq: 2 Apr 2018 20:04

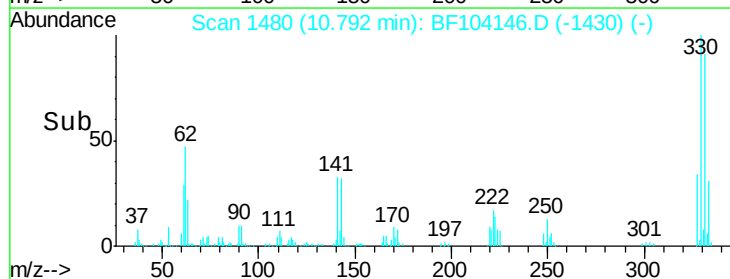
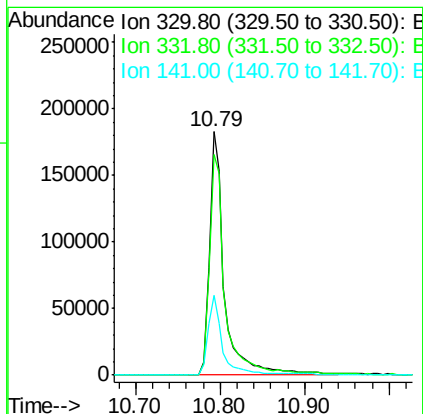
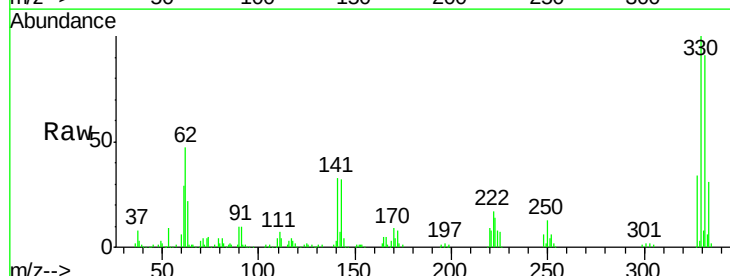
Instrument :
 BNA_F
 ClientSampleId :
 SB-105(13-14)

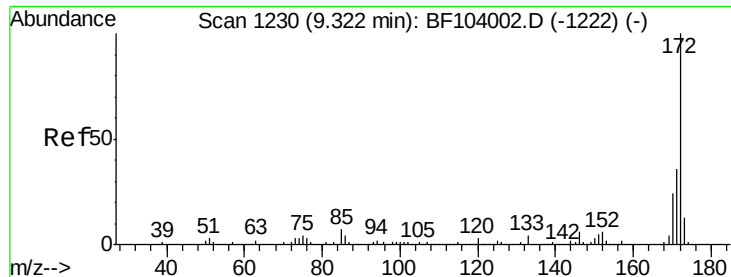
Tot Ion:164 Resp: 198098
 Ion Ratio Lower Upper
 164 100
 162 106.8 86.1 129.1
 160 44.7 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 102.970 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF104146.D
 Acq: 2 Apr 2018 20:04

Tgt Ion:330 Resp: 227133
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 31.0 29.9 44.9

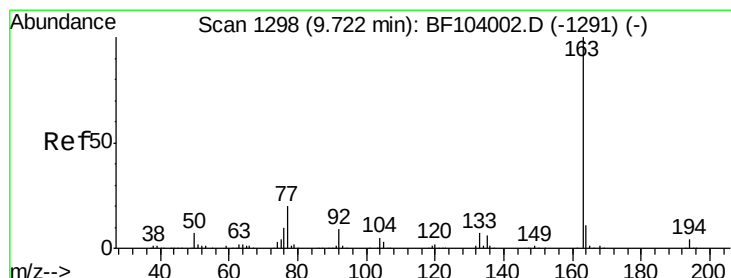
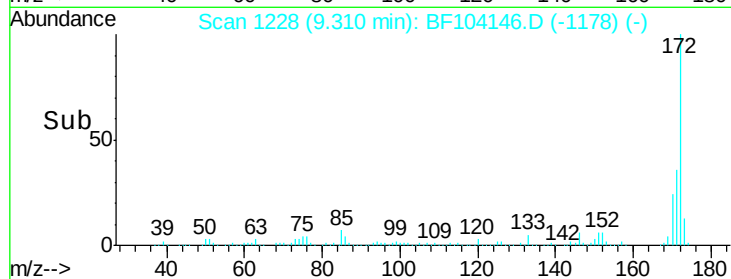
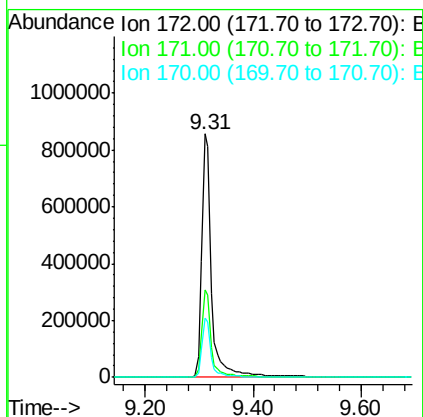
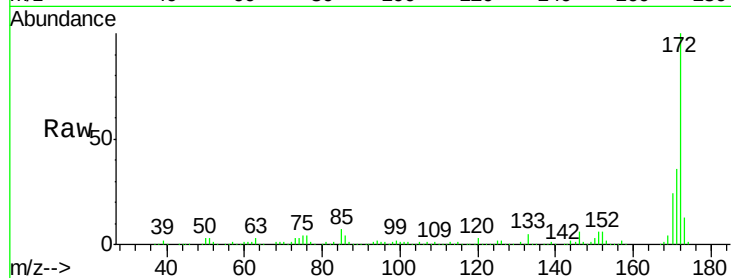




#44
2-Fluorobiphenyl
Concen: 86.109 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF104146.D
Acq: 2 Apr 2018 20:04

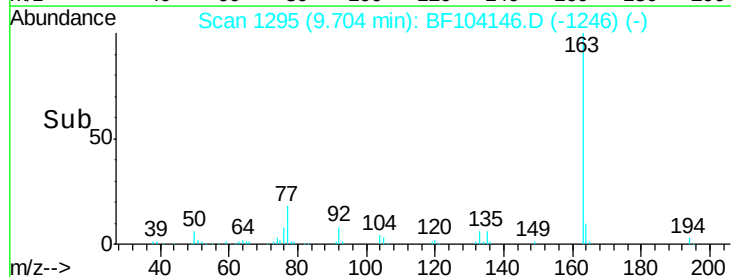
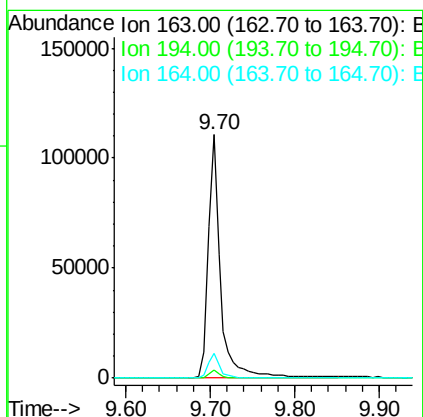
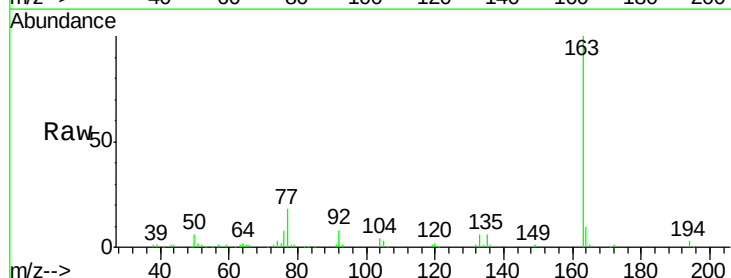
Instrument :
BNA_F
ClientSampleId :
SB-105(13-14)

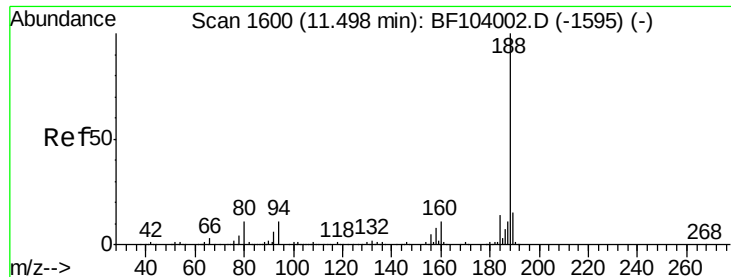
Tot Ion:172 Resp: 1081728
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.1 19.6 29.4



#49
Dimethylphthalate
Concen: 7.240 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104146.D
Acq: 2 Apr 2018 20:04

Tgt Ion:163 Resp: 113235
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.3 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF104146.D

Acq: 2 Apr 2018 20:04

Instrument :

BNA_F

ClientSampleId :

SB-105(13-14)

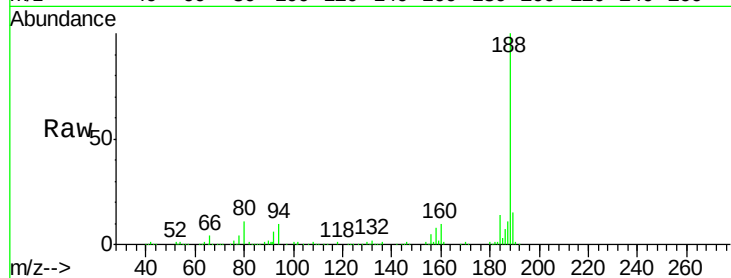
Tot Ion:188 Resp: 321427

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

80 11.4 9.2 13.8

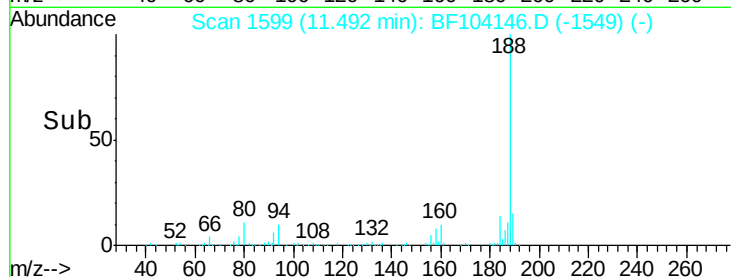


Abundance Ion 188.00 (187.70 to 188.70): E

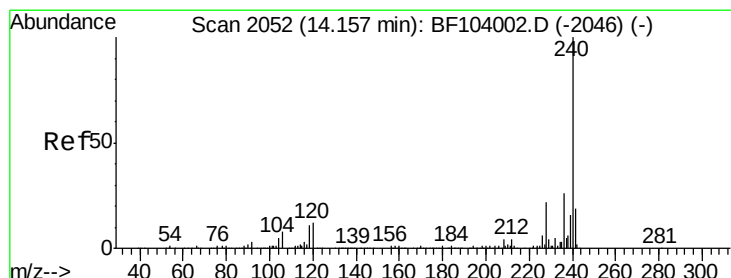
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF104146.D

Acq: 2 Apr 2018 20:04

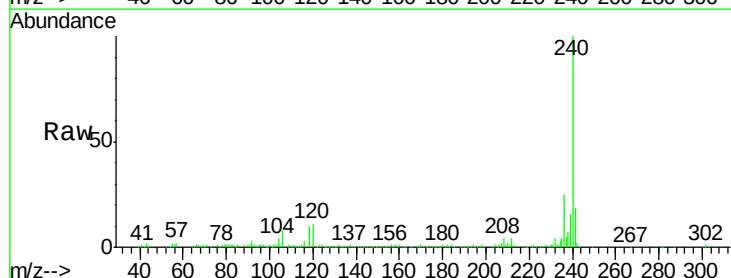
Tgt Ion:240 Resp: 223085

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

236 25.4 20.7 31.1

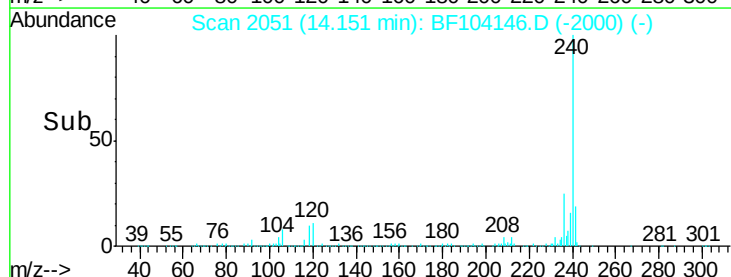


Abundance Ion 240.00 (239.70 to 240.70): E

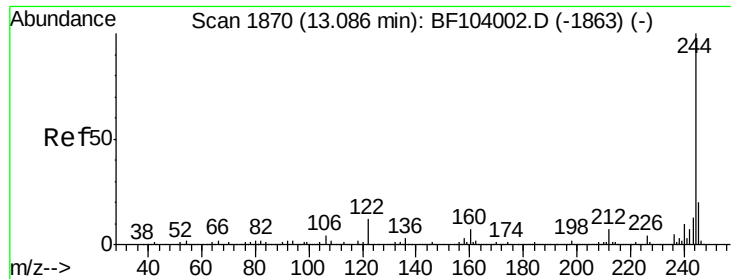
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



#78

Terphenyl-d14

Concen: 81.809 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104146.D

Acq: 2 Apr 2018 20:04

Instrument :

BNA_F

ClientSampleId :

SB-105(13-14)

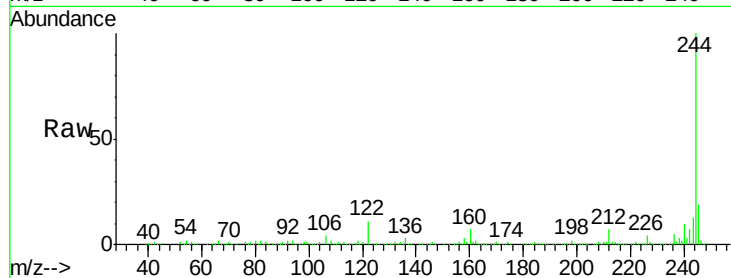
Tot Ion:244 Resp: 790413

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

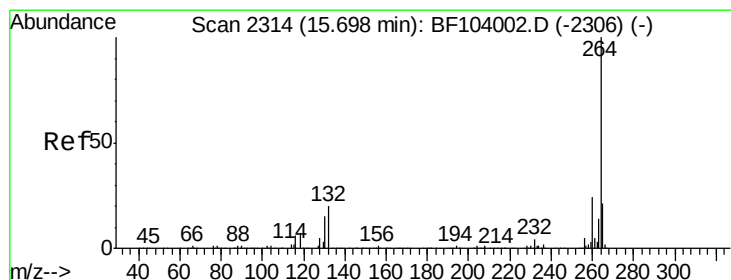
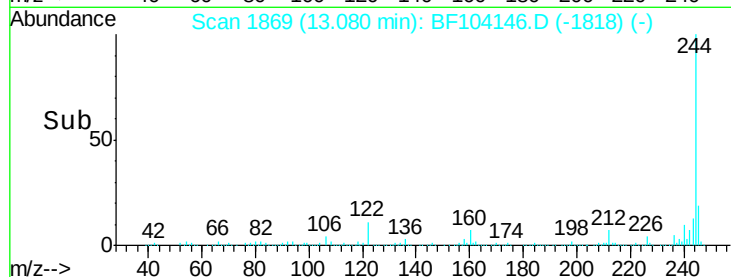
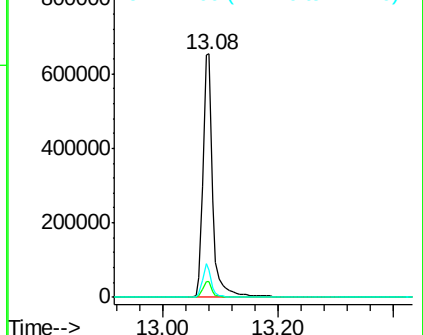
122 11.5 11.0 16.4



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: 20.000 ng

RT: 15.69 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BF104146.D

Acq: 2 Apr 2018 20:04

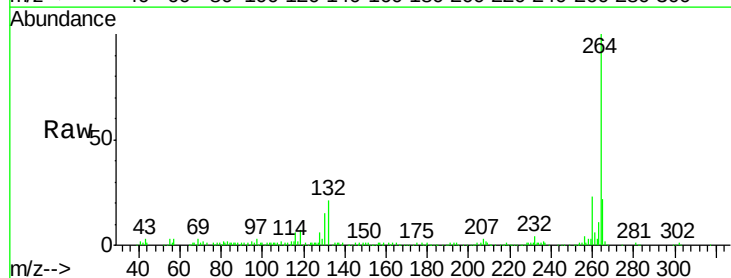
Tgt Ion:264 Resp: 223940

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.7 17.5 26.3



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

