

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF102990.D
 Acq On : 14 Feb 2018 15:36
 Operator : SJ/JU
 Sample : J1541-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-C-1-3

Quant Time: Feb 14 16:47:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

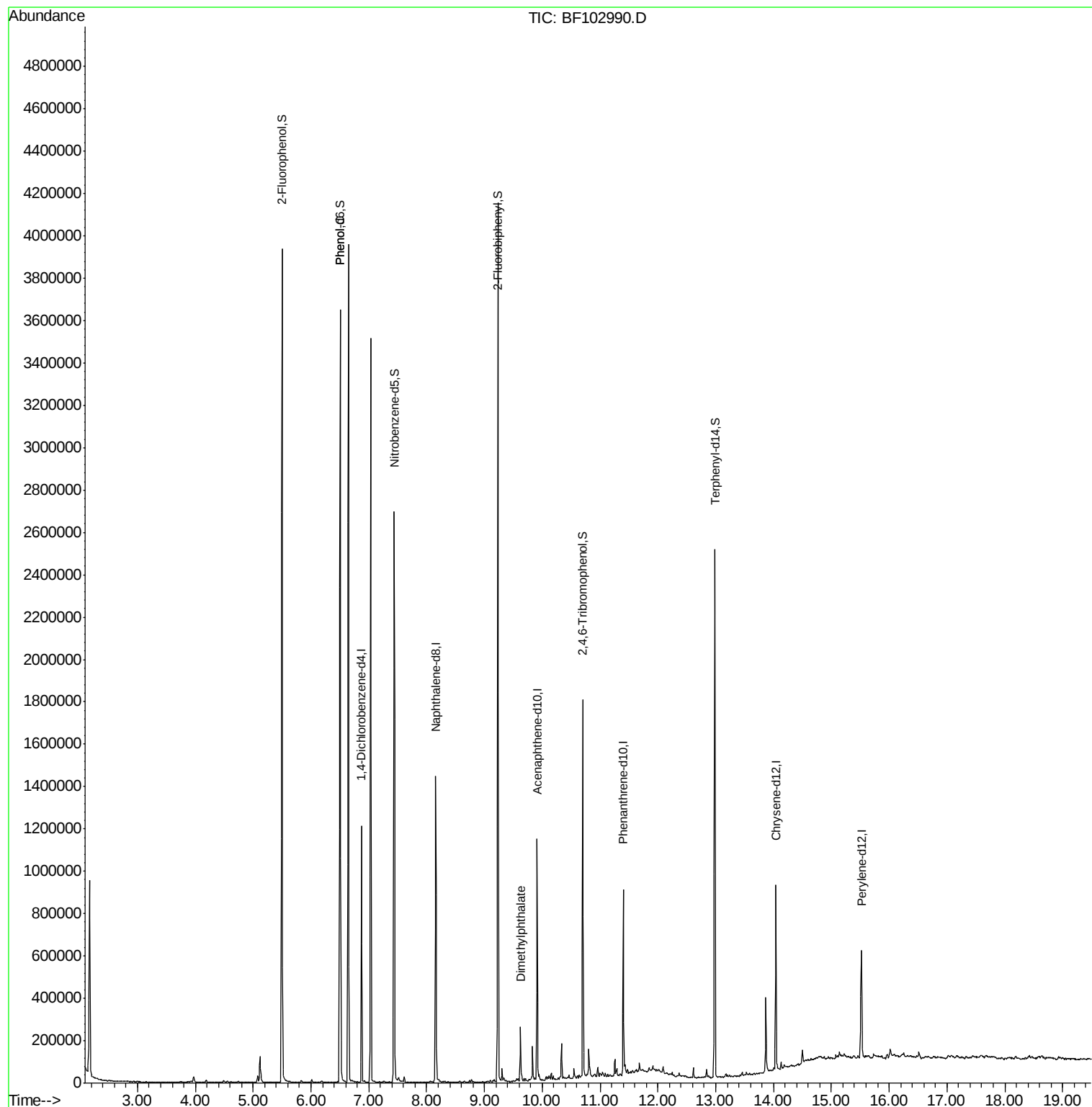
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	153376	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	612537	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	236634	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	323793	20.00	ng	0.00
75) Chrysene-d12	14.04	240	270017	20.00	ng	0.00
86) Perylene-d12	15.52	264	234523	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1216196	120.42	ng	0.01
7) Phenol-d6	6.51	99	1450150	119.25	ng	0.01
23) Nitrobenzene-d5	7.44	82	924044	104.65	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	200232	105.13	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1267929	88.91	ng	0.00
78) Terphenyl-d14	12.99	244	805313	70.62	ng	0.00
Target Compounds						
10) Phenol	6.52	94	46323	3.555	ng	Qvalue # 72
49) Dimethylphthalate	9.62	163	82617	4.478	ng	98

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

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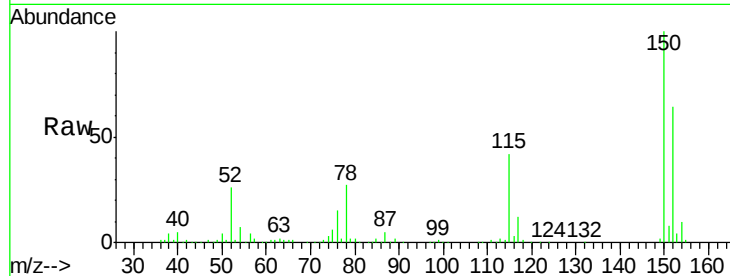


#1

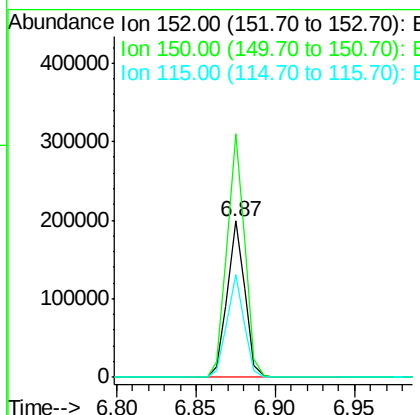
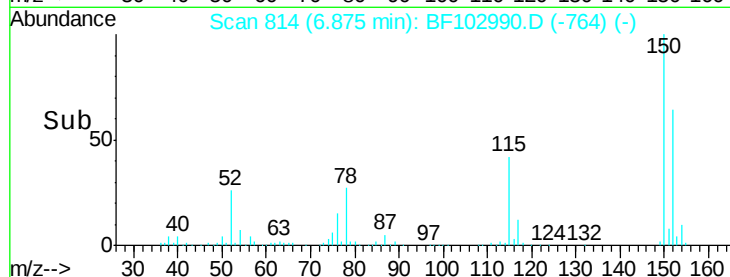
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102990.D
Acq: 14 Feb 2018 15:36

Instrument :
BNA_F
ClientSampleId :
SAMPLE-C-1-3

Tot Ion:152 Resp: 153376
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 65.6 50.1 75.1



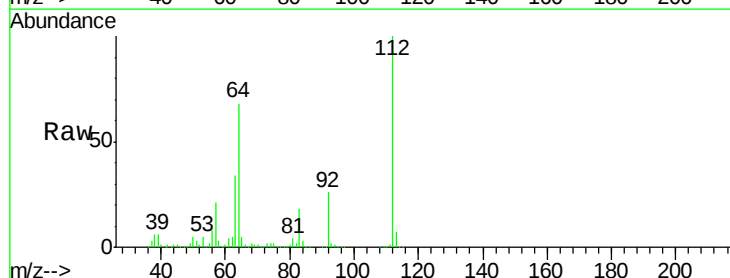
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



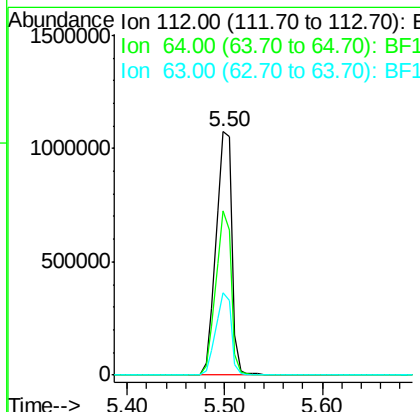
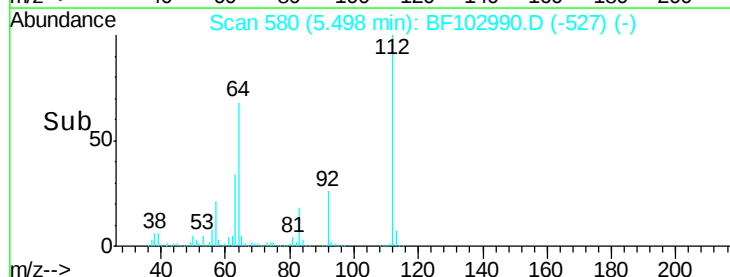
#5

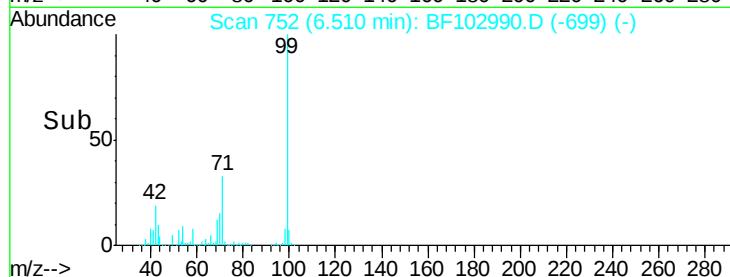
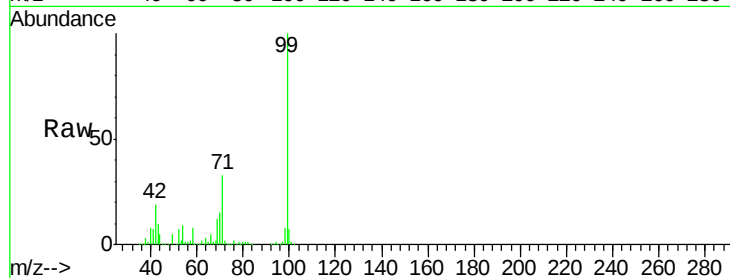
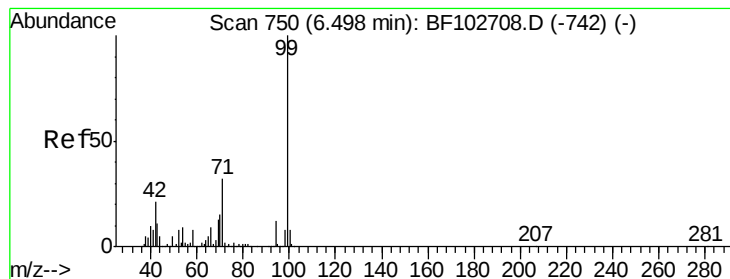
2-Fluorophenol
Concen: 120.423 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102990.D
Acq: 14 Feb 2018 15:36

Tgt Ion:112 Resp: 1216196
Ion Ratio Lower Upper
112 100
64 67.7 47.9 71.9
63 33.9 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: 119.252 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102990.D

Acq: 14 Feb 2018 15:36

Instrument :

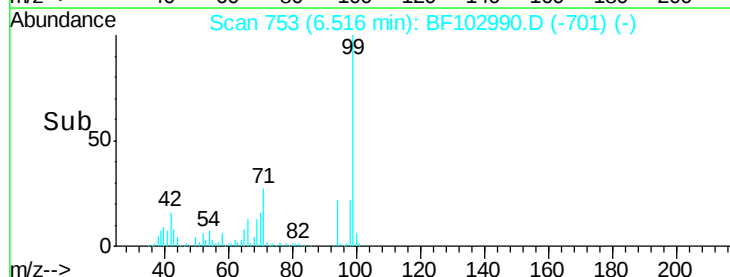
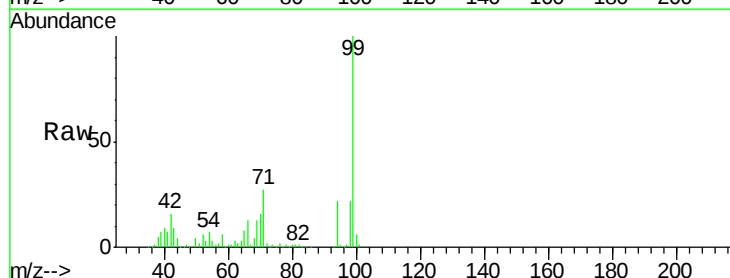
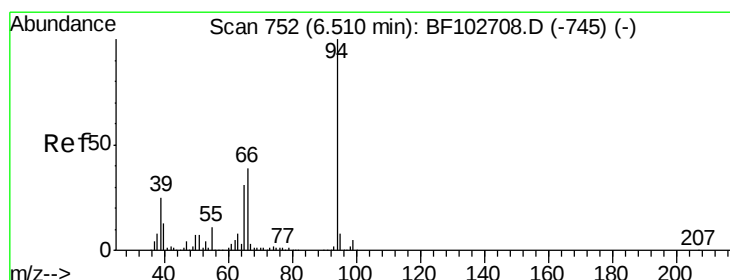
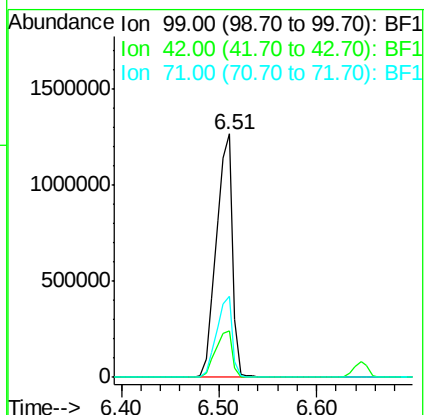
BNA_F

ClientSampleId :

SAMPLE-C-1-3

Tot Ion: 99 Resp: 1450150

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	33.1	25.4	38.0



#10

Phenol

Concen: 3.555 ng

RT: 6.52 min Scan# 753

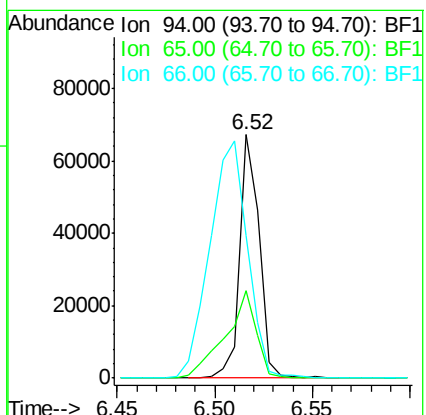
Delta R.T. 0.01 min

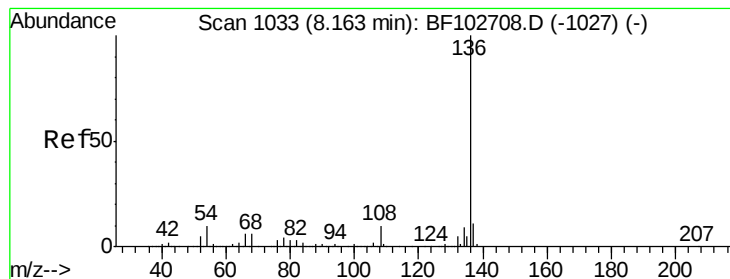
Lab File: BF102990.D

Acq: 14 Feb 2018 15:36

Tgt Ion: 94 Resp: 46323

Ion	Ratio	Lower	Upper
94	100		
65	36.1	7.9	47.9
66	58.8	16.2	56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF102990.D

Acq: 14 Feb 2018 15:36

Instrument :

BNA_F

ClientSampleId :

SAMPLE-C-1-3

Tot Ion:136 Resp: 612537

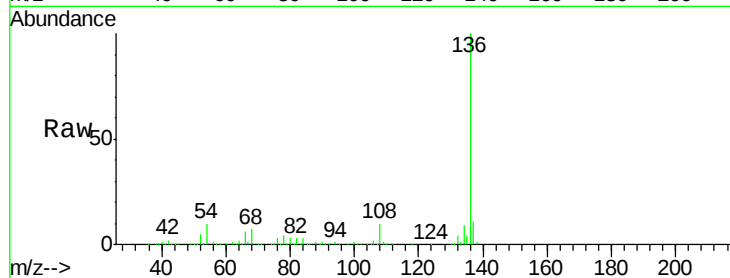
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 10.2 6.6 9.8#

68 6.8 5.0 7.4

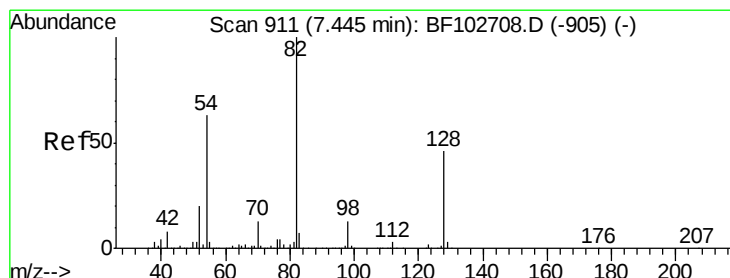
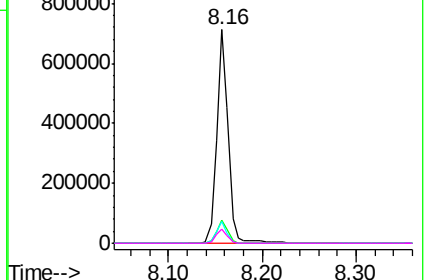
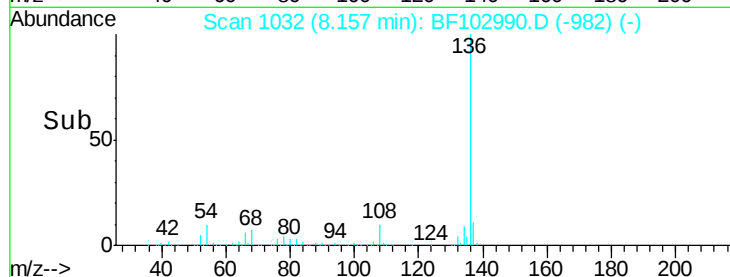


Abundance Ion 136.00 (135.70 to 136.70): E

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: 104.649 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF102990.D

Acq: 14 Feb 2018 15:36

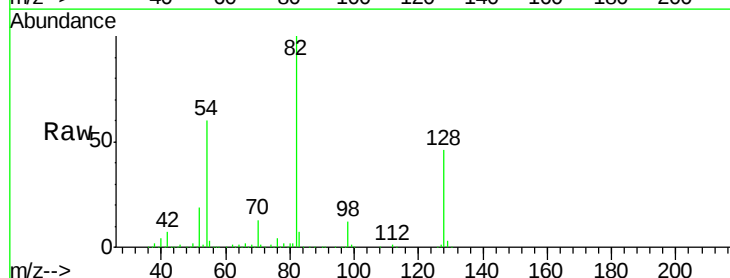
Tgt Ion: 82 Resp: 924044

Ion Ratio Lower Upper

82 100

128 45.8 36.1 54.1

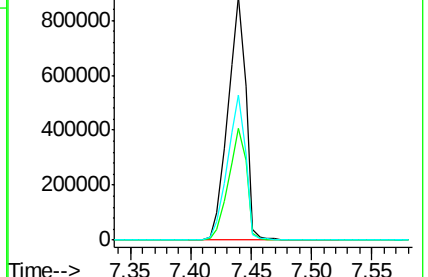
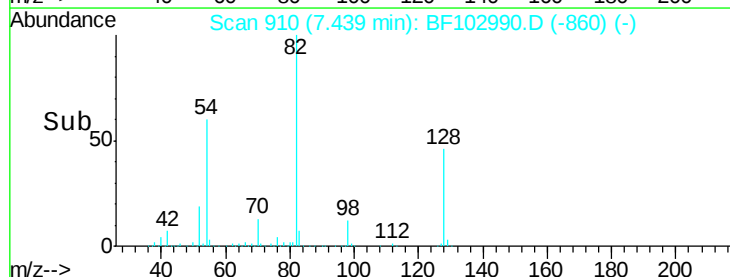
54 59.8 41.4 62.2

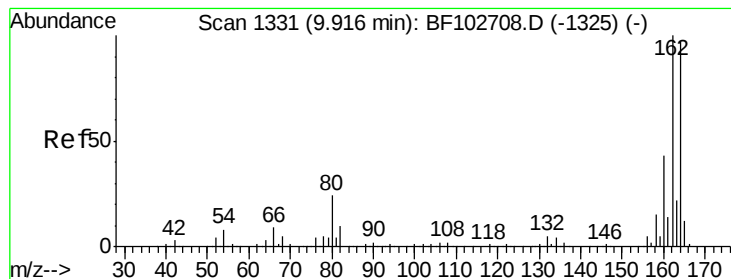


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF102990.D

Acq: 14 Feb 2018 15:36

Instrument :

BNA_F

ClientSampleId :

SAMPLE-C-1-3

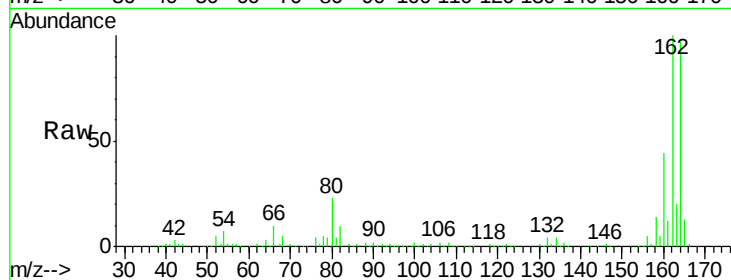
Tot Ion:164 Resp: 236634

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

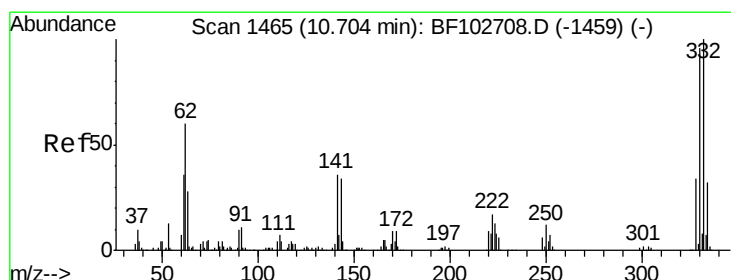
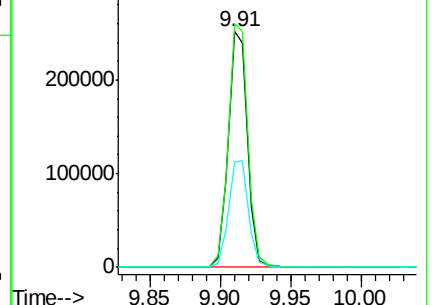
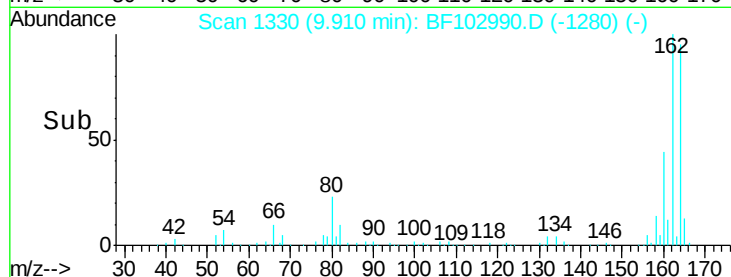
160 45.0 38.3 57.5



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: 105.129 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BF102990.D

Acq: 14 Feb 2018 15:36

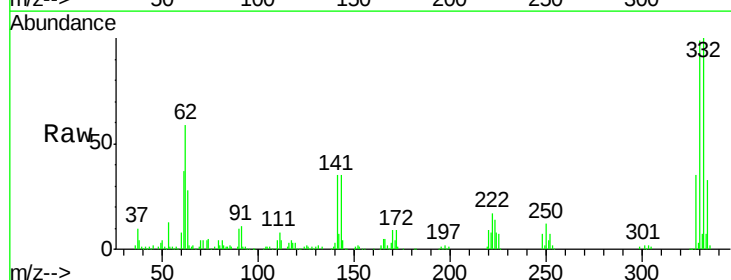
Tgt Ion:330 Resp: 200232

Ion Ratio Lower Upper

330 100

332 101.7 77.0 115.6

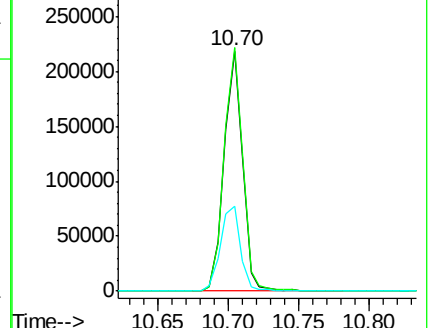
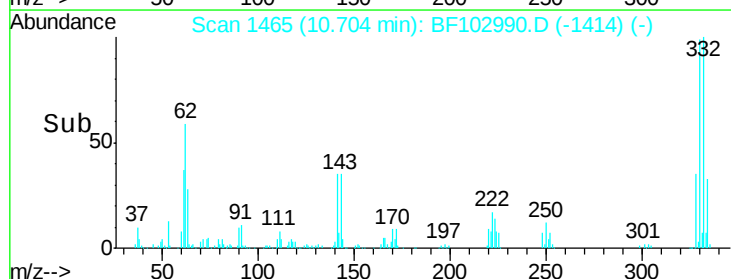
141 38.6 29.9 44.9

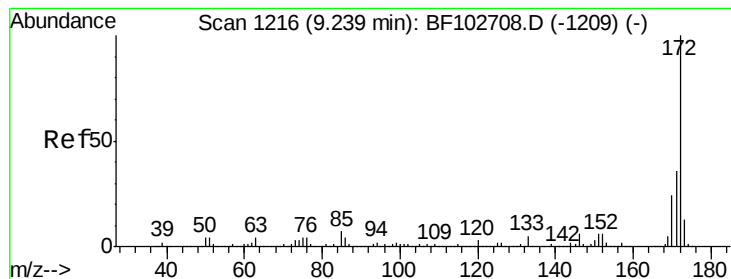


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

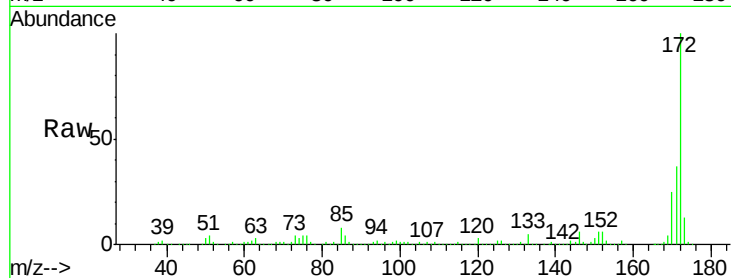




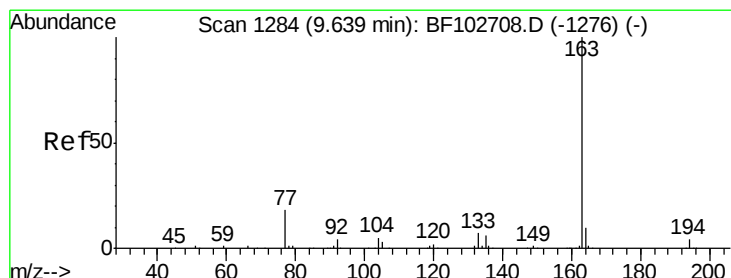
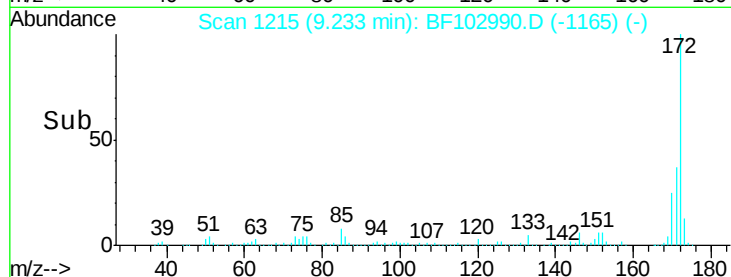
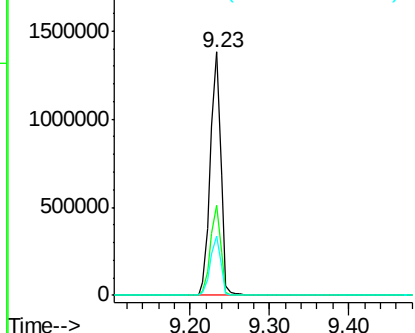
#44
2-Fluorobiphenyl
Concen: 88.911 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF102990.D
Acq: 14 Feb 2018 15:36

Instrument :
BNA_F
ClientSampleId :
SAMPLE-C-1-3

Tot Ion:172 Resp: 1267929
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.5 19.6 29.4

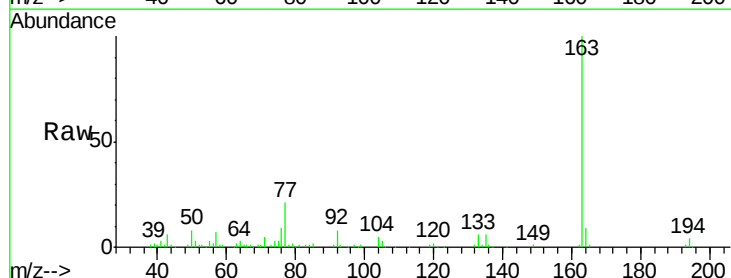


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

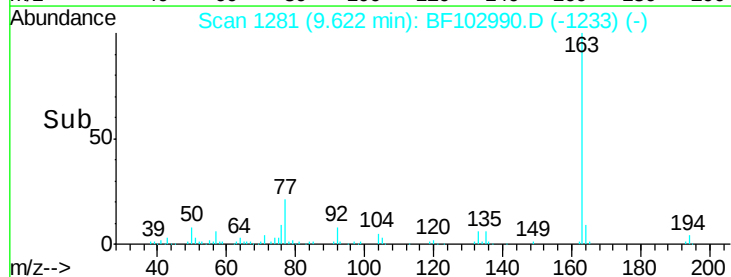
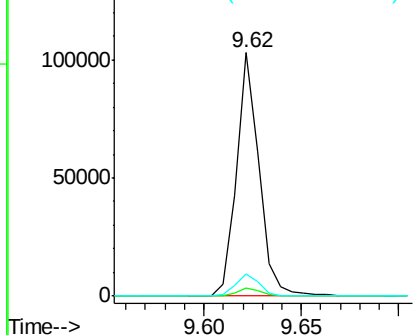


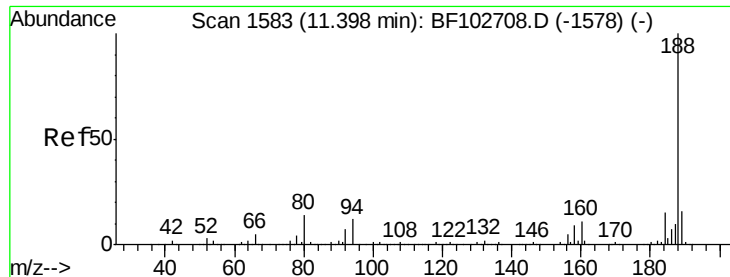
#49
Dimethylphthalate
Concen: 4.478 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF102990.D
Acq: 14 Feb 2018 15:36

Tgt Ion:163 Resp: 82617
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.3 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

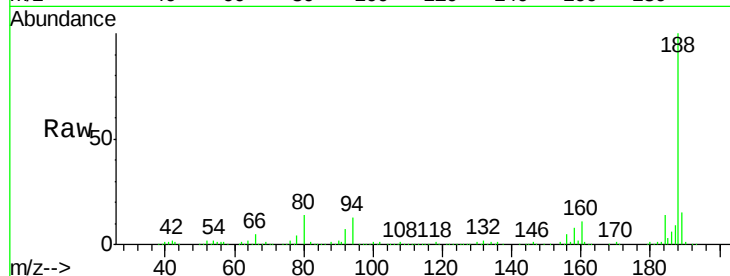




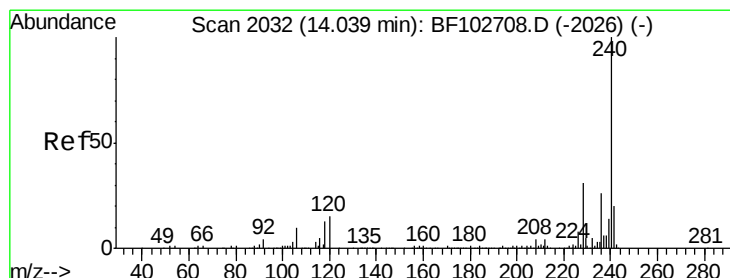
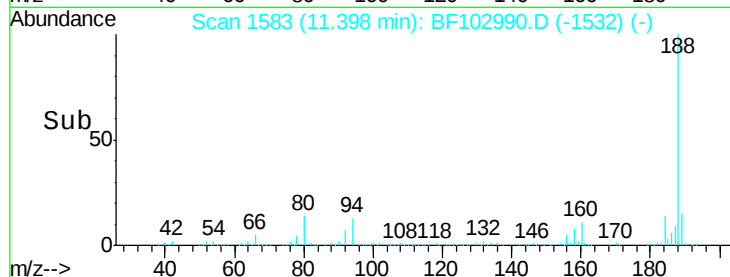
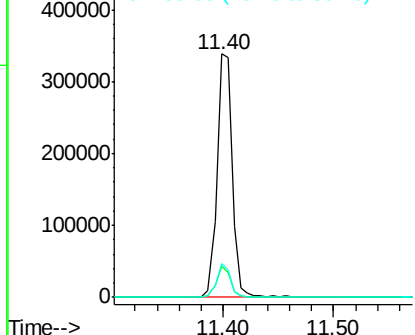
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF102990.D
Acq: 14 Feb 2018 15:36

Instrument :
BNA_F
ClientSampleId :
SAMPLE-C-1-3

Tot Ion:188 Resp: 323793
Ion Ratio Lower Upper
188 100
94 13.0 8.5 12.7#
80 13.9 9.2 13.8#

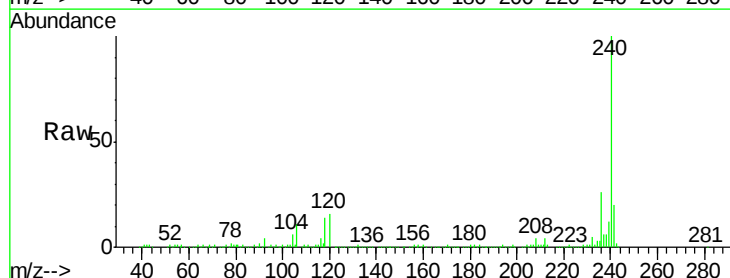


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

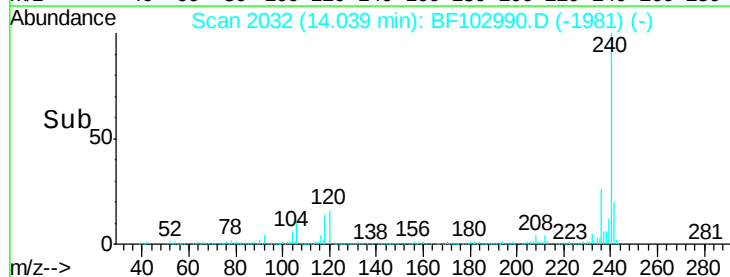
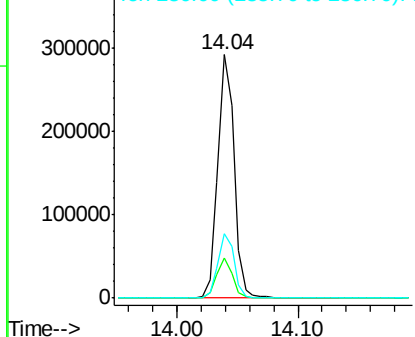


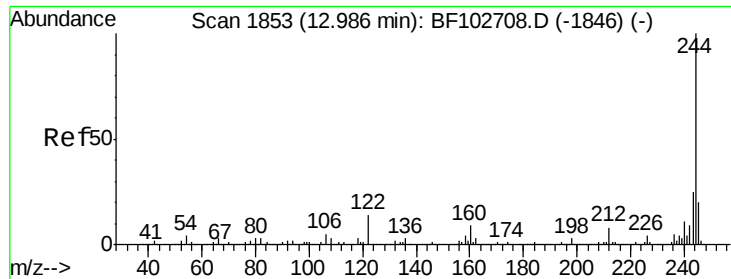
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102990.D
Acq: 14 Feb 2018 15:36

Tgt Ion:240 Resp: 270017
Ion Ratio Lower Upper
240 100
120 16.4 9.5 14.3#
236 26.2 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





#78

Terphenyl-d14

Concen: 70.618 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF102990.D

Acq: 14 Feb 2018 15:36

Instrument :

BNA_F

ClientSampleId :

SAMPLE-C-1-3

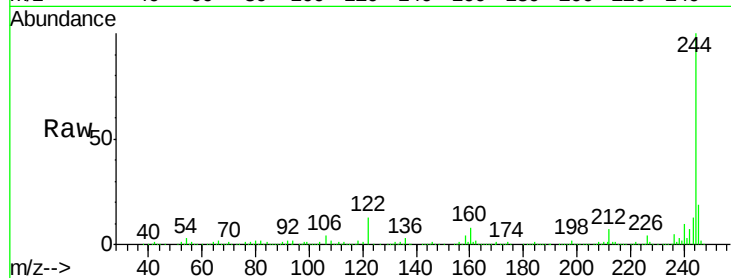
Tot Ion:244 Resp: 805313

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

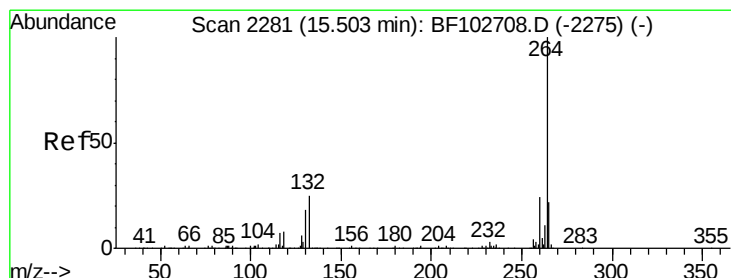
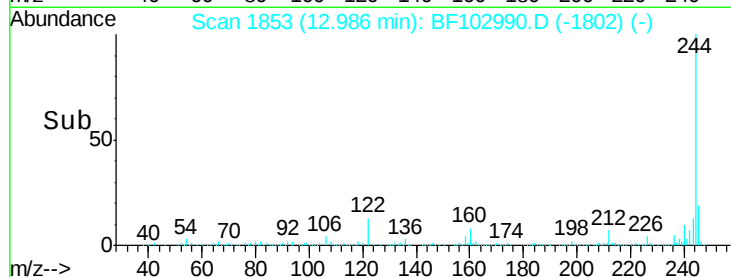
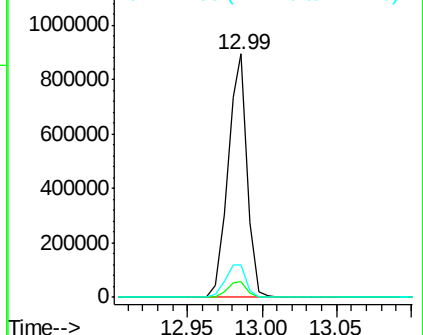
122 13.4 11.0 16.4



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: 15.52 min Scan# 2284

Delta R.T. 0.02 min

Lab File: BF102990.D

Acq: 14 Feb 2018 15:36

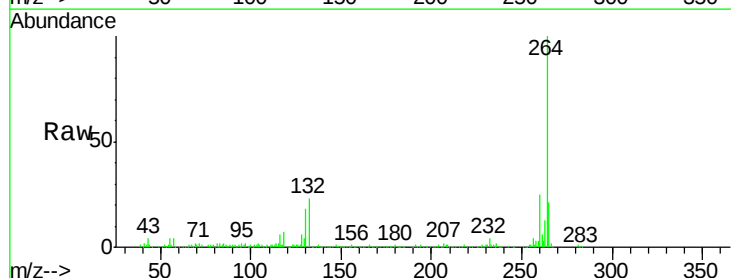
Tgt Ion:264 Resp: 234523

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 20.9 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

