

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
 Data File : BF118684.D
 Acq On : 24 Jan 2020 14:32
 Operator : CG/JU
 Sample : L1241-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-12

Quant Time: Jan 27 01:22:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

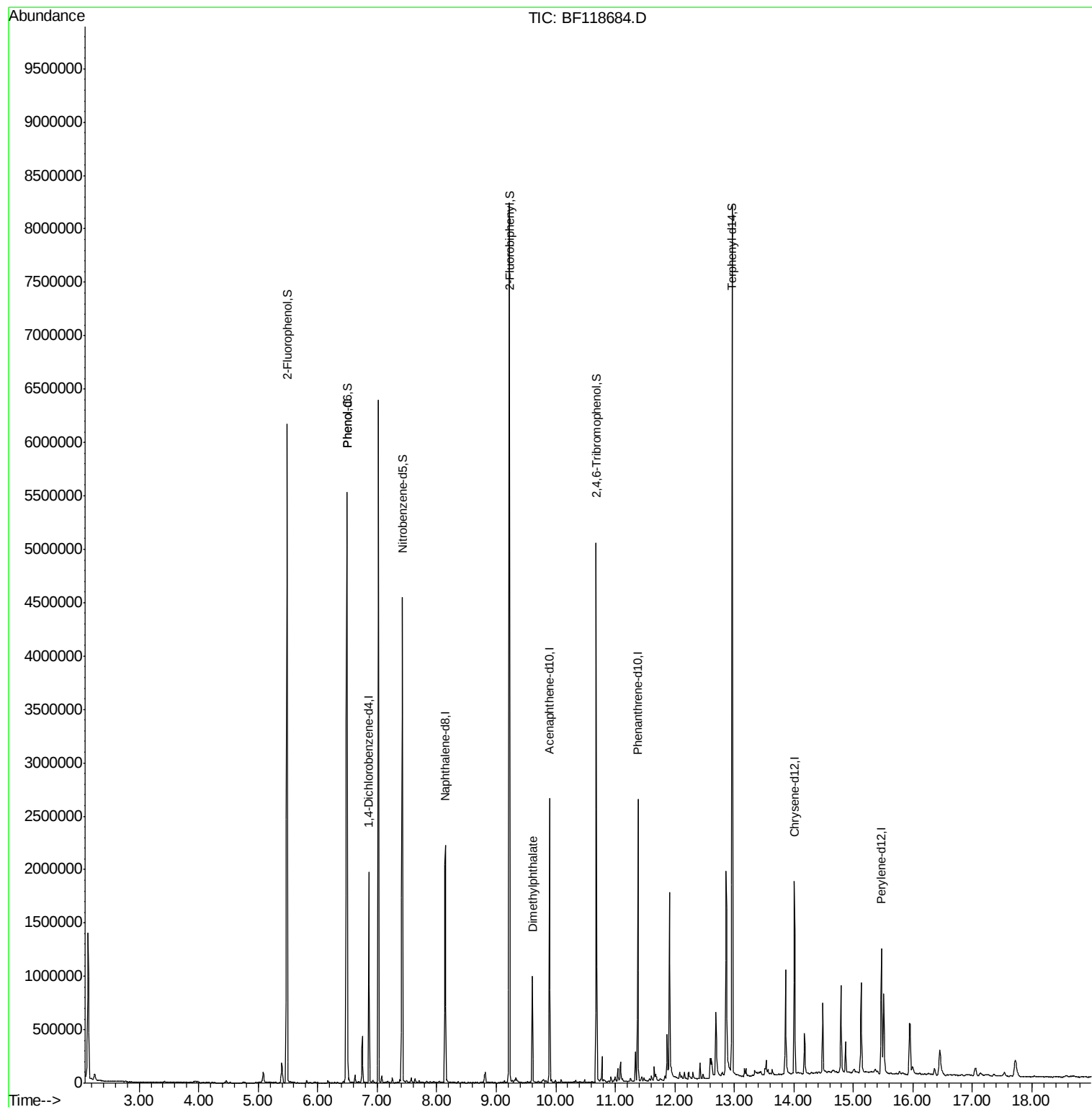
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	272273	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	1033703	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	541352	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	958064	20.00	ng	-0.03
76) Chrysene-d12	14.01	240	573175	20.00	ng	-0.04
87) Perylene-d12	15.47	264	592084	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1821122	124.22	ng	-0.01
7) Phenol-d6	6.49	99	2252688	118.23	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1447010	78.30	ng	-0.02
42) 2,4,6-Tribromophenol	10.69	330	742373	118.56	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	2721097	82.62	ng	-0.02
79) Terphenyl-d14	12.96	244	2979861	113.39	ng	-0.03
Target Compounds						
10) Phenol	6.50	94	59227	2.728	ng	Qvalue # 77
50) Dimethylphthalate	9.61	163	415060	11.768	ng	97

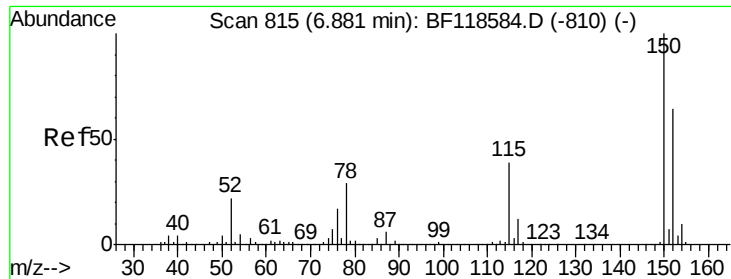
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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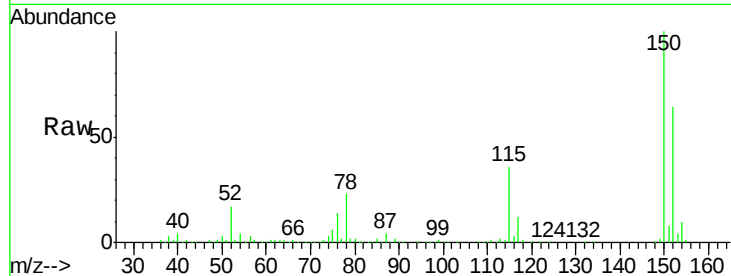


#1

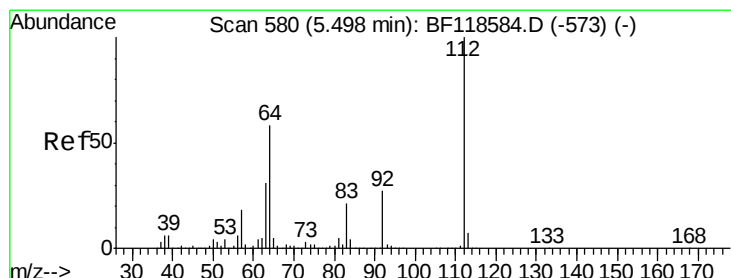
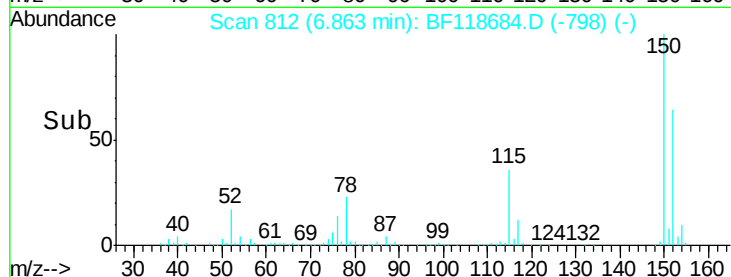
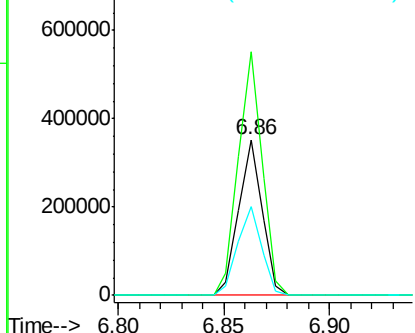
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118684.D
Acq: 24 Jan 2020 14:32

Instrument :
BNA_F
ClientSampleId :
EP-12

Tot Ion:152 Resp: 272273
Ion Ratio Lower Upper
152 100
150 156.3 125.6 188.4
115 57.0 48.4 72.6



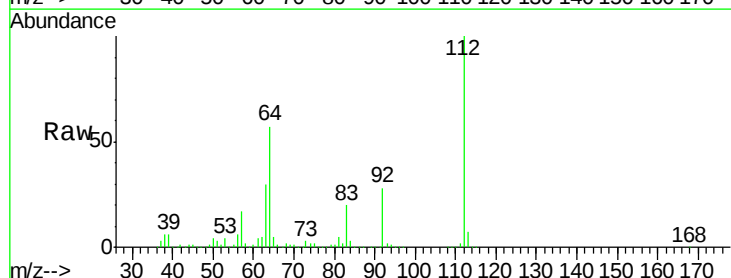
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



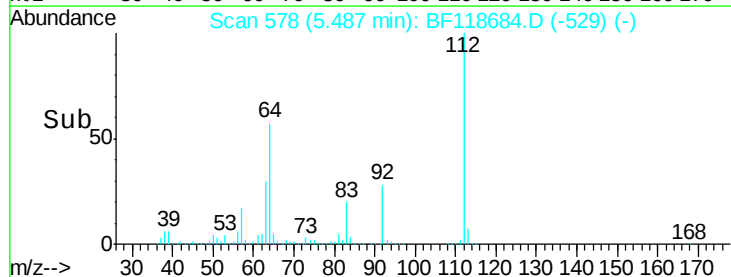
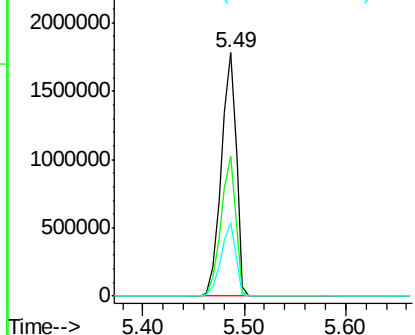
#5

2-Fluorophenol
Concen: 124.224 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF118684.D
Acq: 24 Jan 2020 14:32

Tgt Ion:112 Resp: 1821122
Ion Ratio Lower Upper
112 100
64 57.4 46.6 70.0
63 30.4 25.1 37.7



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: 118.225 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF118684.D

Acq: 24 Jan 2020 14:32

Instrument :

BNA_F

ClientSampleId :

EP-12

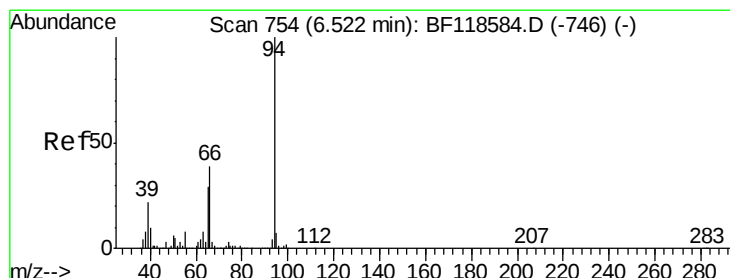
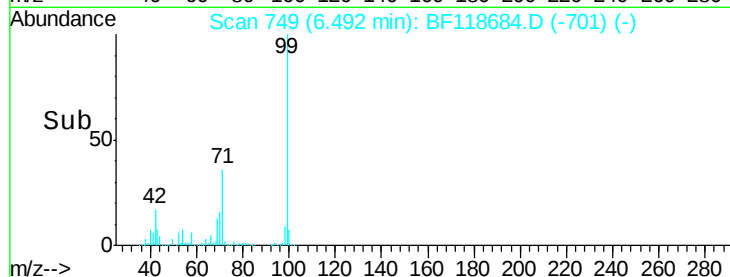
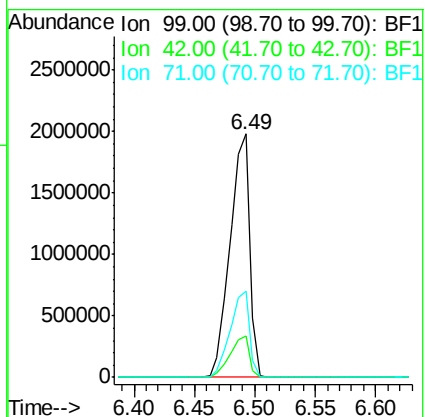
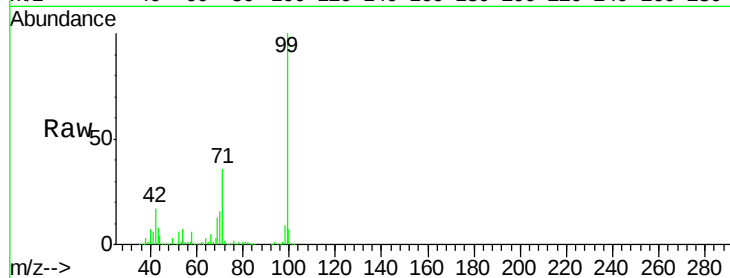
Tot Ion: 99 Resp: 2252688

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.2	21.2
71	35.6	27.8	41.6

99 100

42 16.9 14.2 21.2

71 35.6 27.8 41.6



#10

Phenol

Concen: 2.728 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118684.D

Acq: 24 Jan 2020 14:32

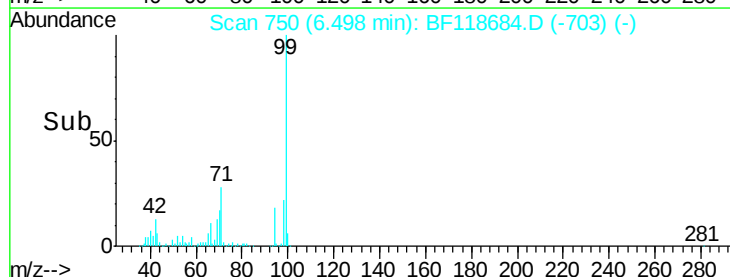
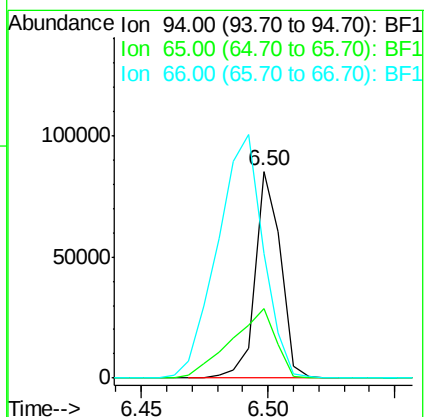
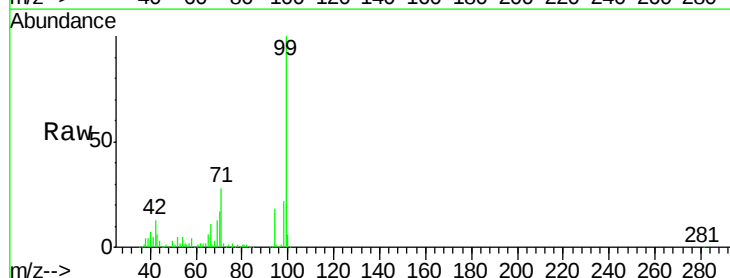
Tgt Ion: 94 Resp: 59227

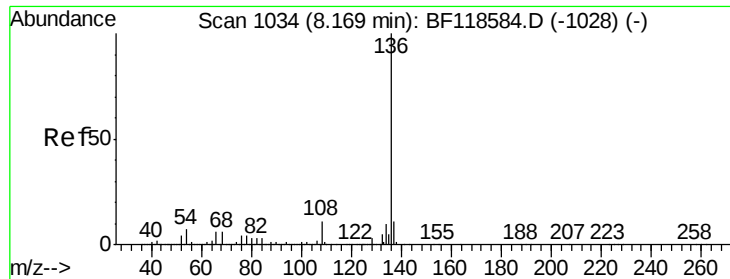
Ion	Ratio	Lower	Upper
94	100		
65	33.5	9.5	49.5
66	60.1	18.5	58.5

94 100

65 33.5 9.5 49.5

66 60.1 18.5 58.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF118684.D

Acq: 24 Jan 2020 14:32

Instrument :

BNA_F

ClientSampleId :

EP-12

Tot Ion:136 Resp: 1033703

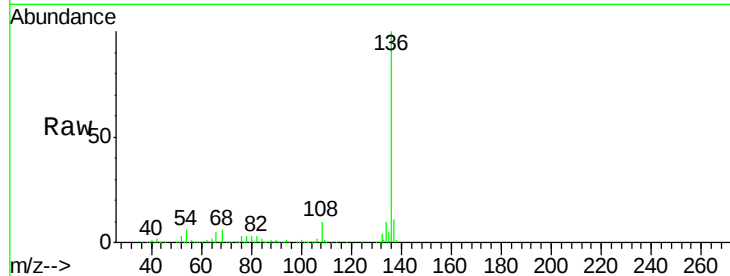
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.2 5.8 8.6

68 5.7 5.0 7.4

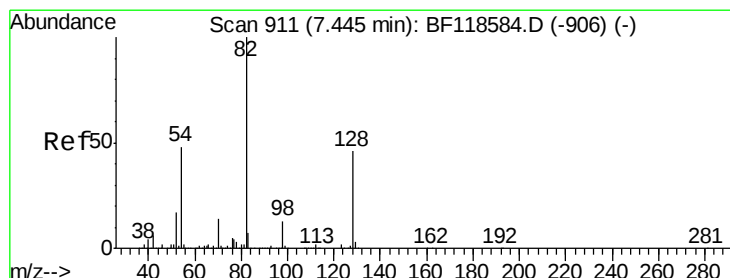
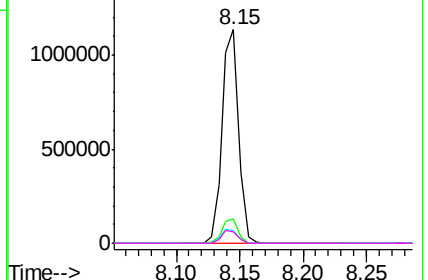
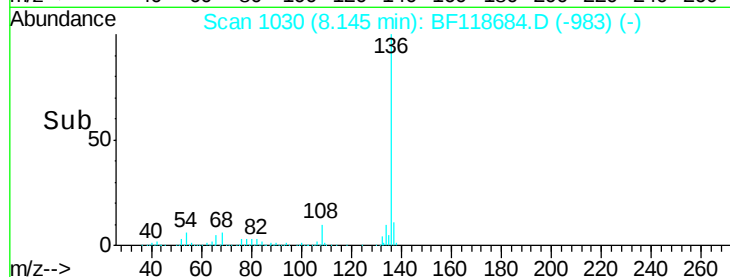


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.298 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF118684.D

Acq: 24 Jan 2020 14:32

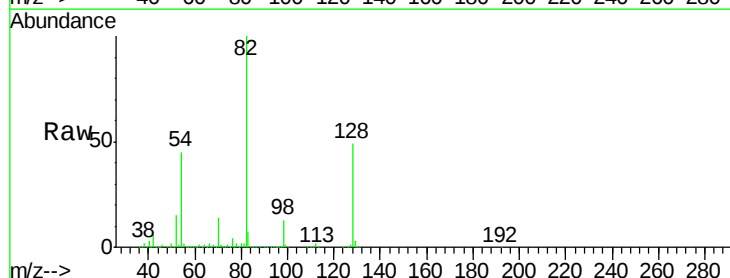
Tgt Ion: 82 Resp: 1447010

Ion Ratio Lower Upper

82 100

128 48.8 36.6 54.8

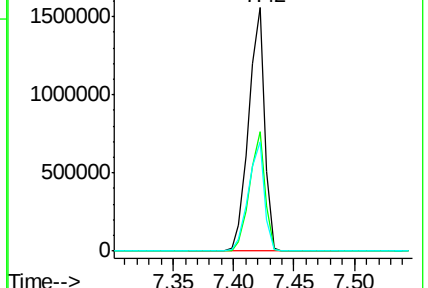
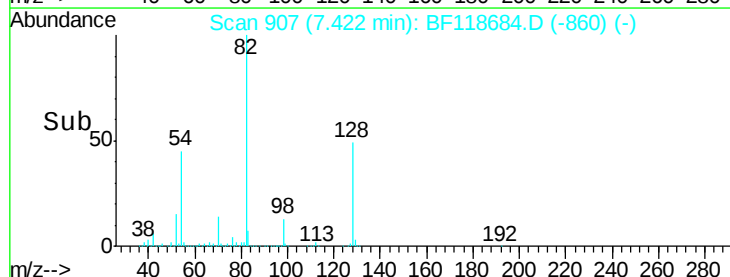
54 45.0 38.0 57.0

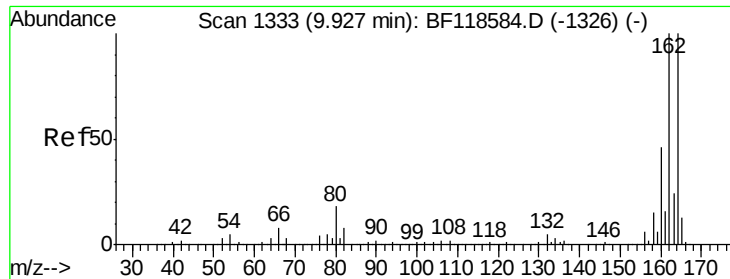


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

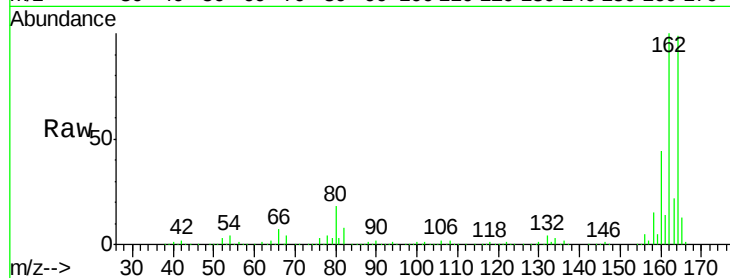




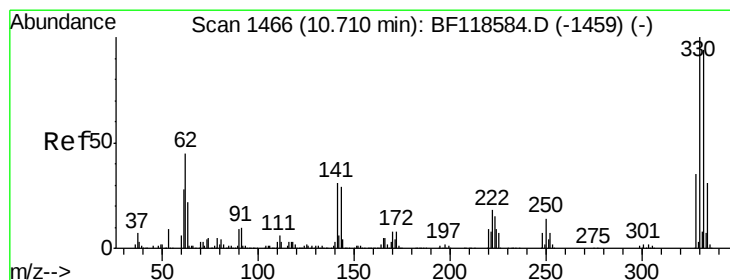
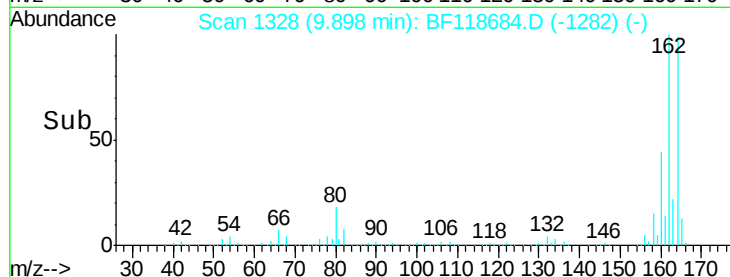
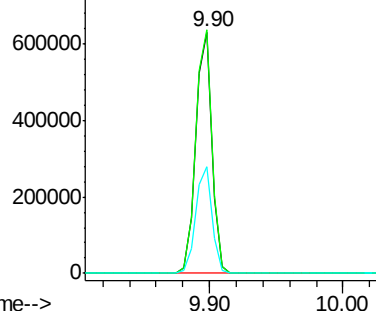
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BF118684.D
Acq: 24 Jan 2020 14:32

Instrument :
BNA_F
ClientSampleId :
EP-12

Tot Ion:164 Resp: 541352
Ion Ratio Lower Upper
164 100
162 101.0 80.4 120.6
160 44.1 36.6 55.0

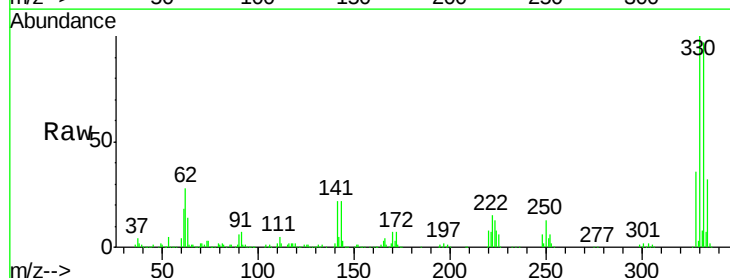


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

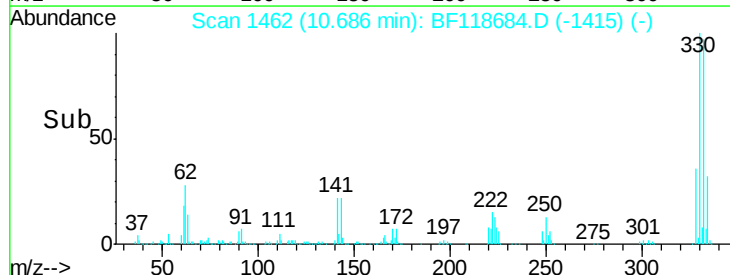
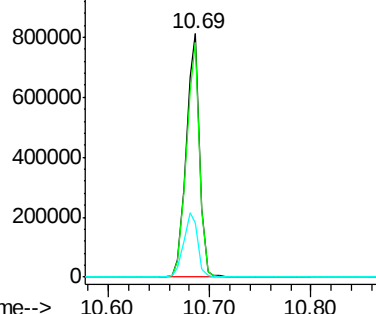


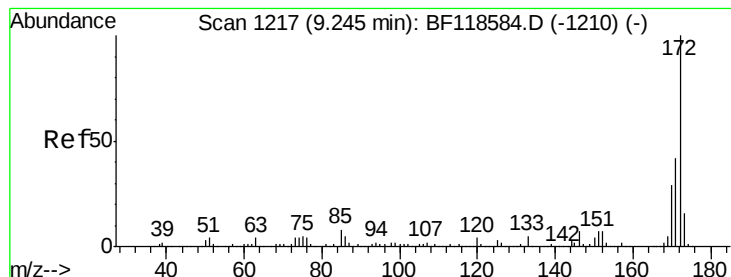
#42
2,4,6-Tribromophenol
Concen: 118.563 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.02 min
Lab File: BF118684.D
Acq: 24 Jan 2020 14:32

Tgt Ion:330 Resp: 742373
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 27.8 23.9 35.9



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





#45

2-Fluorobiphenyl

Concen: 82.616 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.02 min

Lab File: BF118684.D

Acq: 24 Jan 2020 14:32

Instrument :

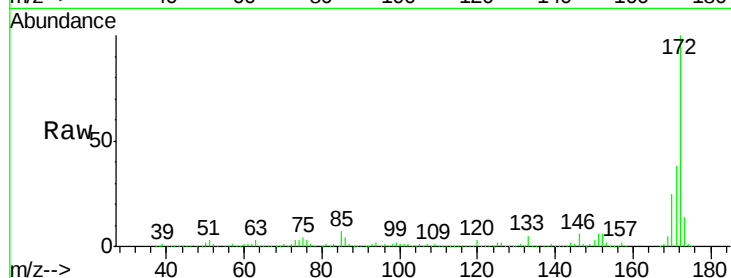
BNA_F

ClientSampleId :

EP-12

Tot Ion:172 Resp: 2721097

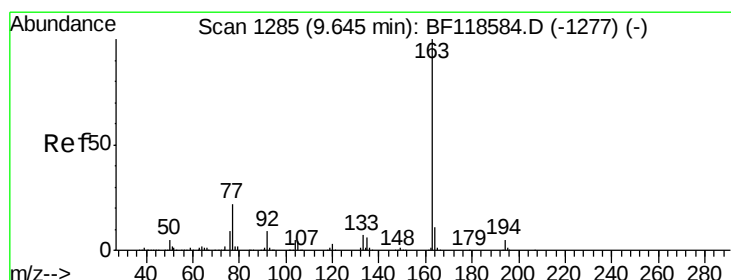
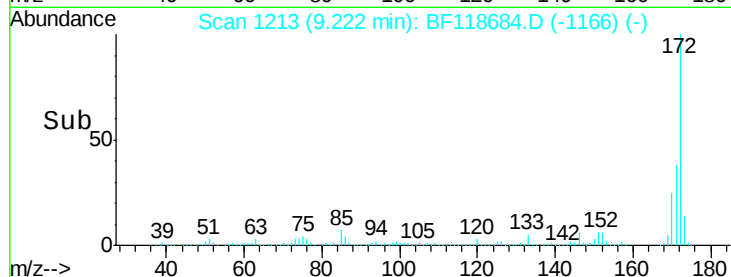
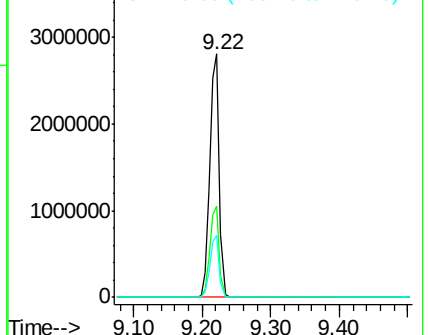
Ion	Ratio	Lower	Upper
172	100		
171	37.6	33.4	50.2
170	25.2	23.2	34.8



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



#50

Dimethylphthalate

Concen: 11.768 ng

RT: 9.61 min Scan# 1279

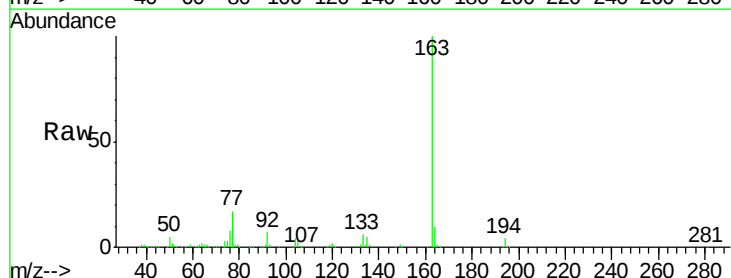
Delta R.T. -0.04 min

Lab File: BF118684.D

Acq: 24 Jan 2020 14:32

Tgt Ion:163 Resp: 415060

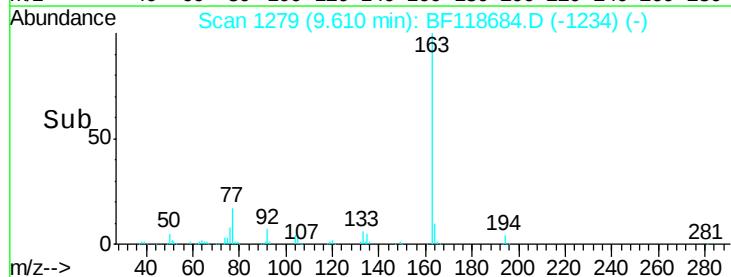
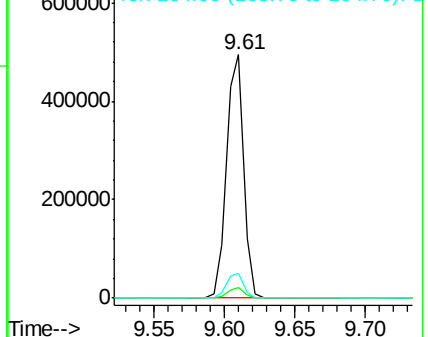
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.9	5.9
164	10.2	9.1	13.7

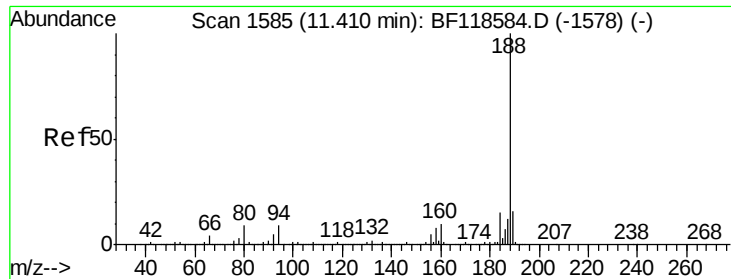


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

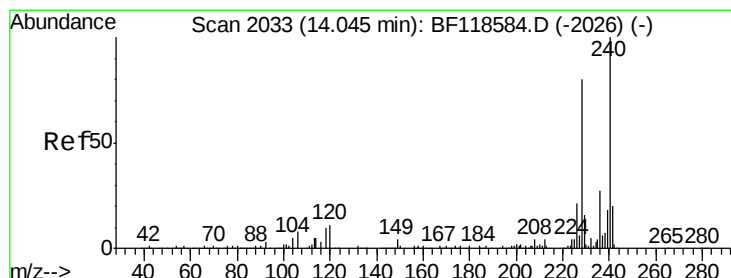
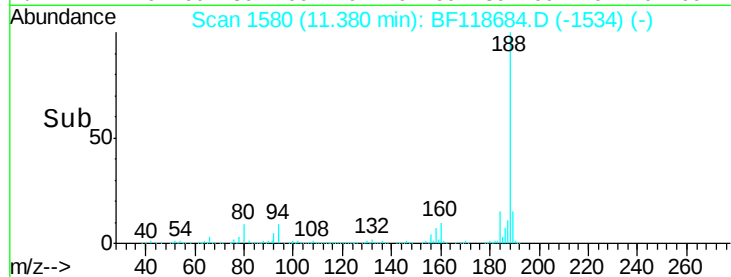
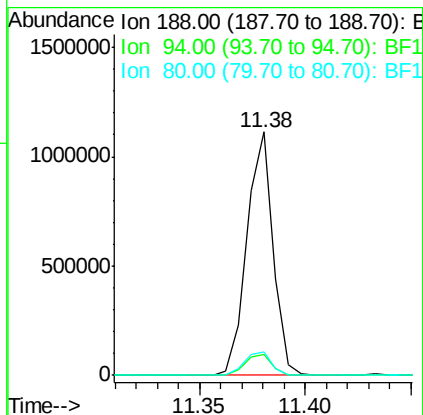
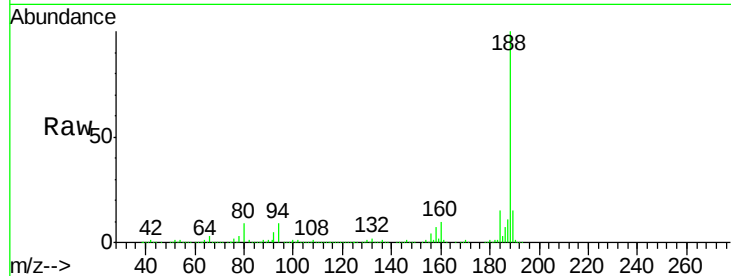




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BF118684.D
Acq: 24 Jan 2020 14:32

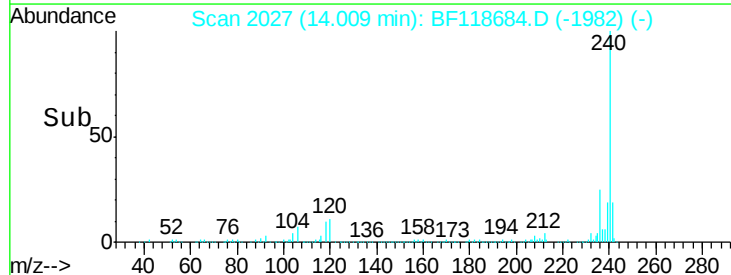
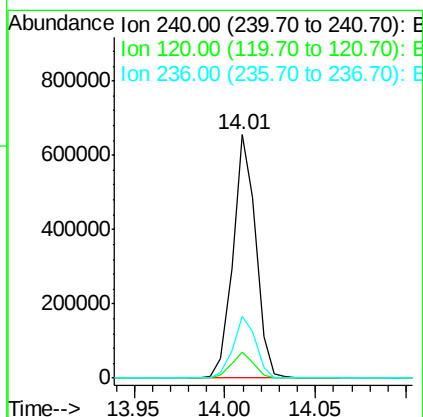
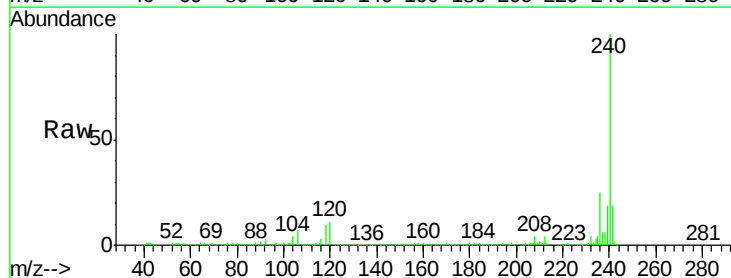
Instrument :
BNA_F
ClientSampled :
EP-12

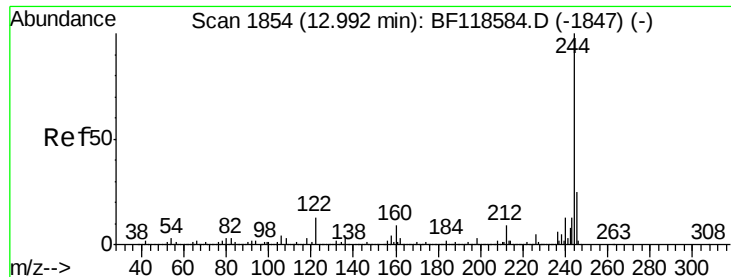
Tot Ion:188 Resp: 958064
Ion Ratio Lower Upper
188 100
94 8.7 7.1 10.7
80 9.4 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.04 min
Lab File: BF118684.D
Acq: 24 Jan 2020 14:32

Tgt Ion:240 Resp: 573175
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 25.4 21.5 32.3





#79

Terphenyl-d14

Concen: 113.392 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.03 min

Lab File: BF118684.D

Acq: 24 Jan 2020 14:32

Instrument :

BNA_F

ClientSampleId :

EP-12

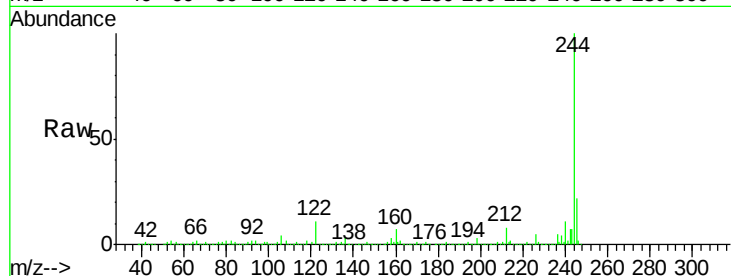
Tot Ion:244 Resp: 2979861

Ion Ratio Lower Upper

244 100

212 7.6 7.0 10.4

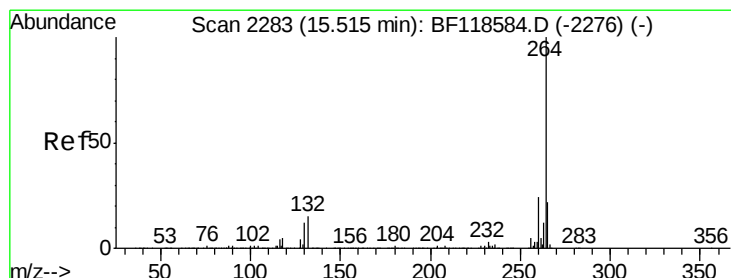
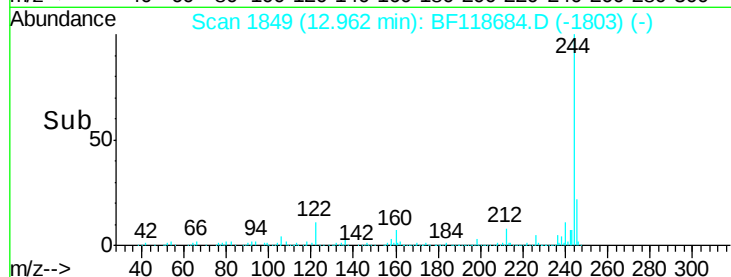
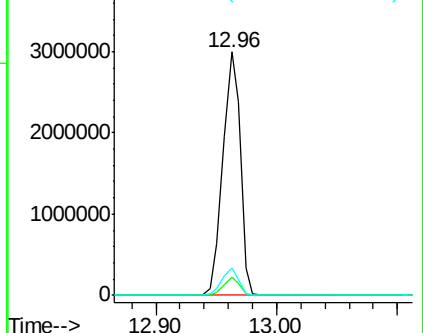
122 11.3 10.7 16.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.04 min

Lab File: BF118684.D

Acq: 24 Jan 2020 14:32

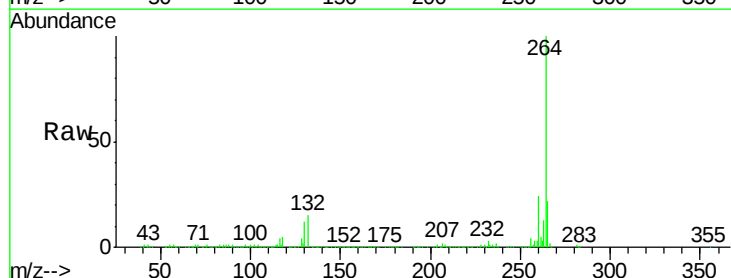
Tgt Ion:264 Resp: 592084

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

265 21.6 17.7 26.5



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

