

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
 Data File : BF111758.D
 Acq On : 27 Dec 2018 13:22
 Operator : JU/SJ
 Sample : J6446-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01

Quant Time: Dec 28 06:06:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

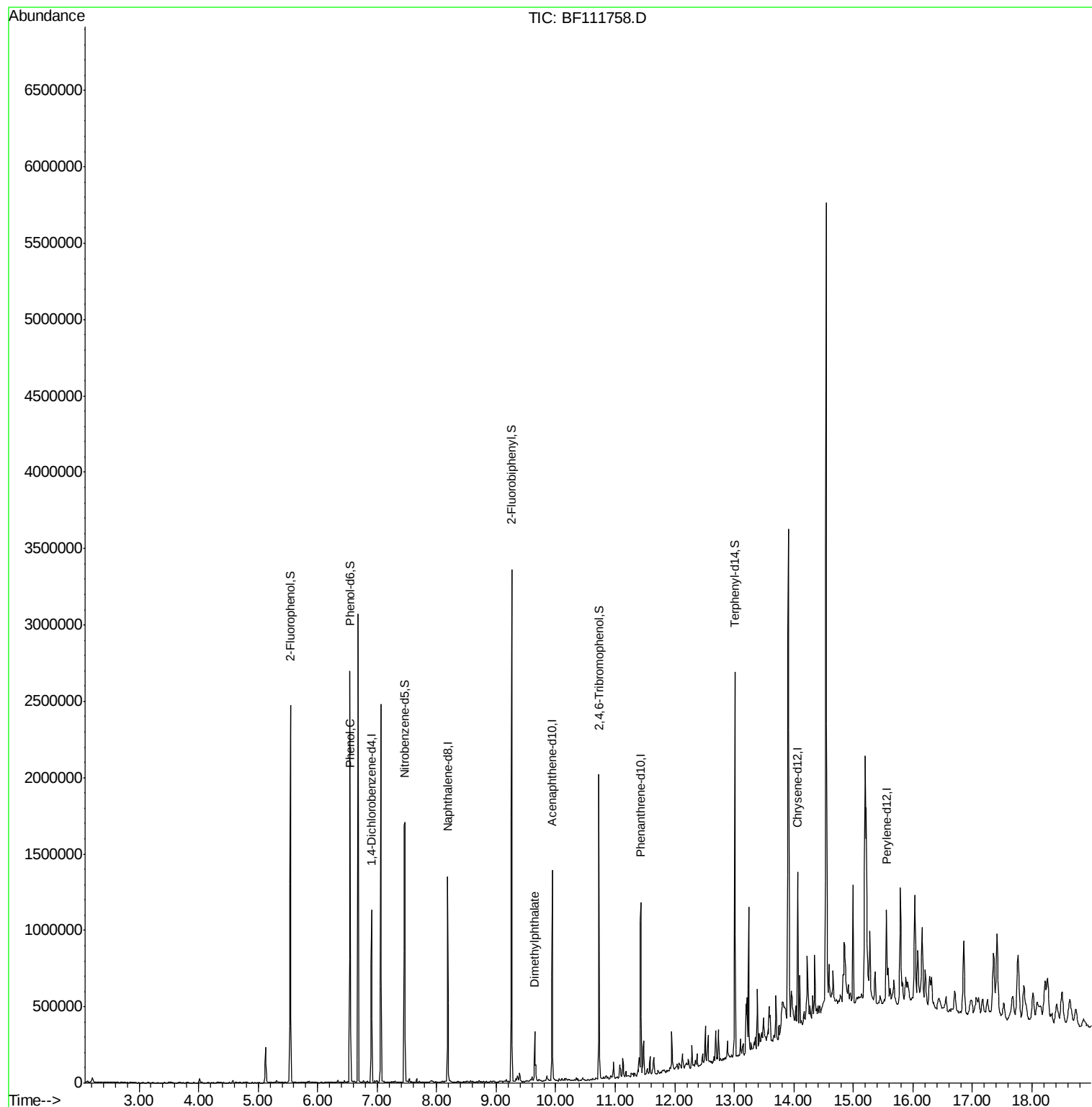
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	149736	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	536654	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	246983	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	402075	20.00	ng	0.01
76) Chrysene-d12	14.06	240	353270	20.00	ng	0.01
87) Perylene-d12	15.56	264	291953	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	676135	76.97	ng	0.03
7) Phenol-d6	6.55	99	858840	76.82	ng	0.02
23) Nitrobenzene-d5	7.46	82	562899	61.05	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	216950	74.34	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	991758	58.53	ng	0.00
79) Terphenyl-d14	13.01	244	784380	42.11	ng	0.01
Target Compounds						
10) Phenol	6.56	94	46059	3.651	ng	99
50) Dimethylphthalate	9.65	163	109169	6.044	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF111758.D

Acq: 27 Dec 2018 13:22

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01

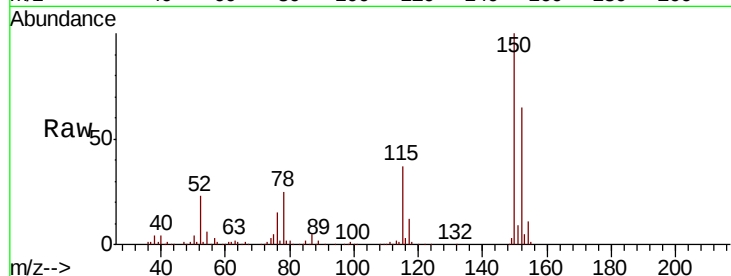
Tot Ion:152 Resp: 149736

Ion Ratio Lower Upper

152 100

150 154.7 126.6 189.8

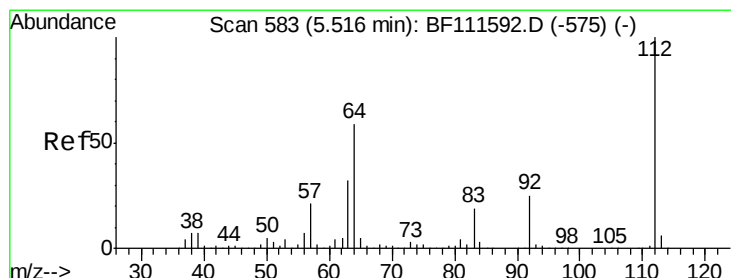
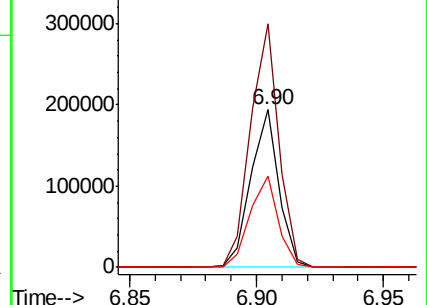
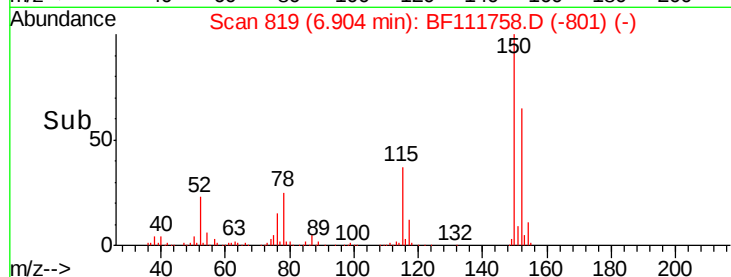
115 57.7 50.7 76.1



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: 76.968 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.03 min

Lab File: BF111758.D

Acq: 27 Dec 2018 13:22

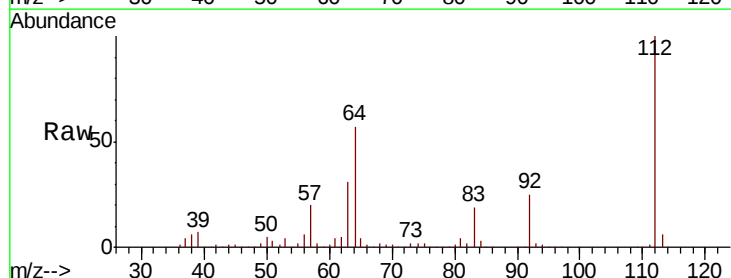
Tgt Ion:112 Resp: 676135

Ion Ratio Lower Upper

112 100

64 57.2 51.8 77.6

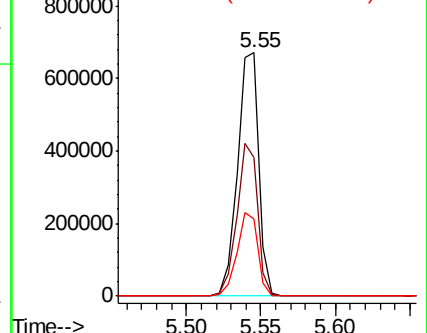
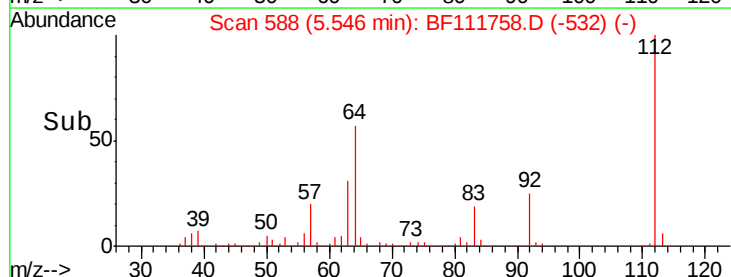
63 31.5 26.8 40.2

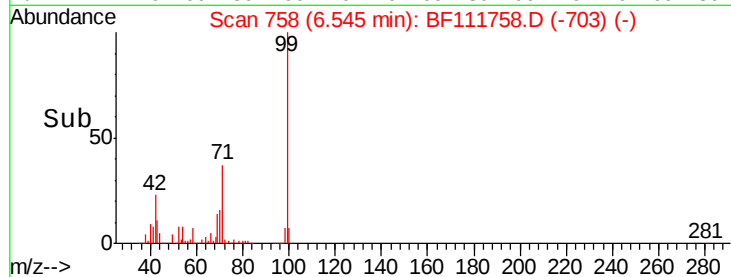
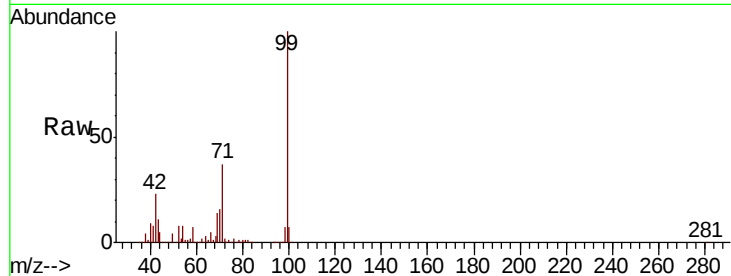
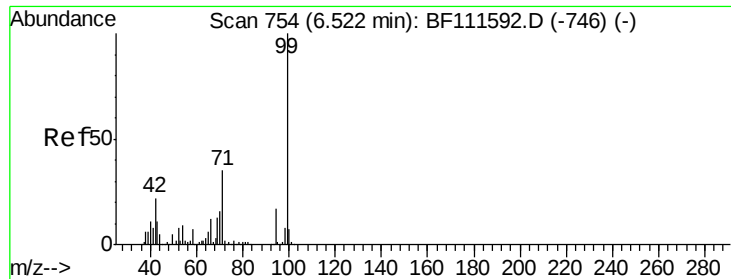


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 76.821 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111758.D

Acq: 27 Dec 2018 13:22

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01

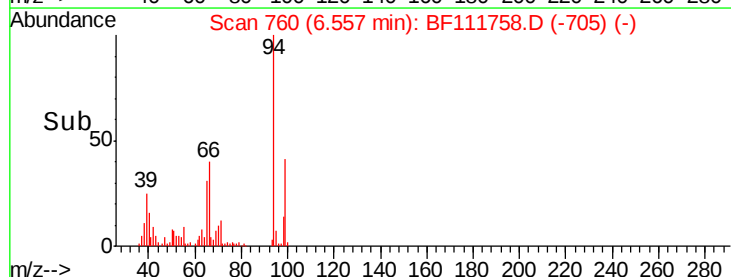
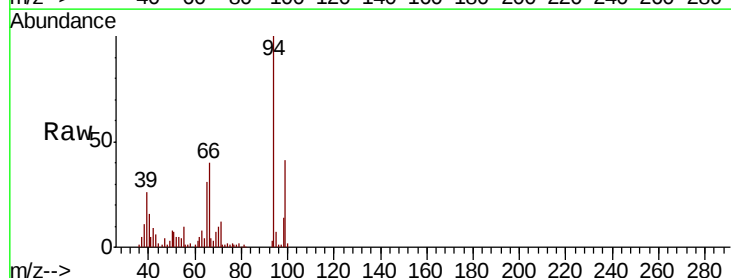
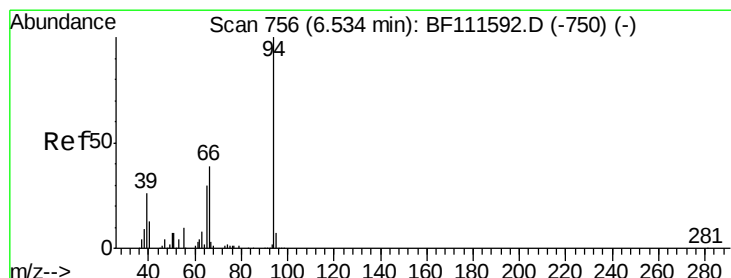
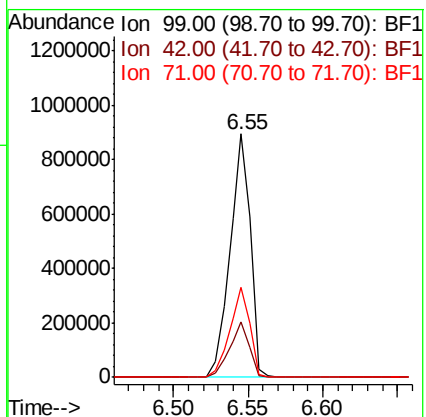
Tot Ion: 99 Resp: 858840

Ion Ratio Lower Upper

99 100

42 22.8 17.4 26.0

71 37.1 26.1 39.1



#10

Phenol

Concen: 3.651 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF111758.D

Acq: 27 Dec 2018 13:22

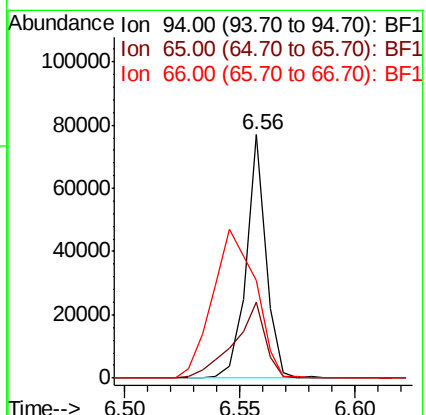
Tgt Ion: 94 Resp: 46059

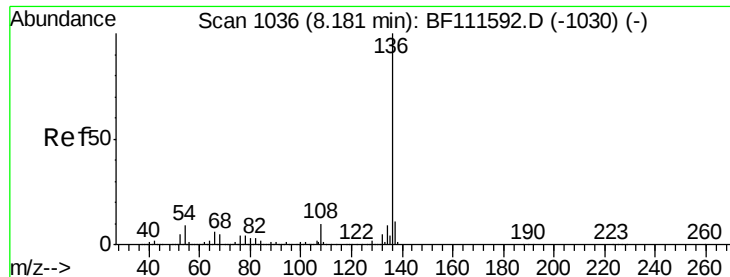
Ion Ratio Lower Upper

94 100

65 31.0 11.7 51.7

66 40.3 21.0 61.0

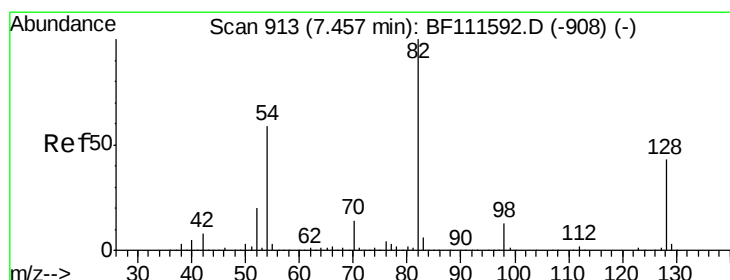
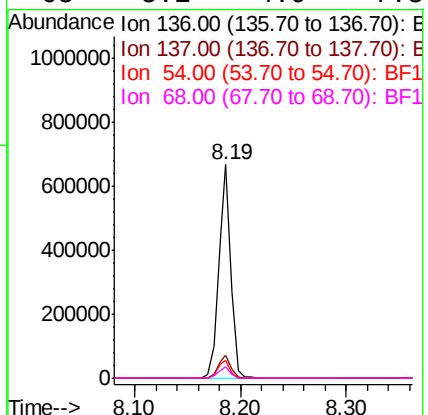
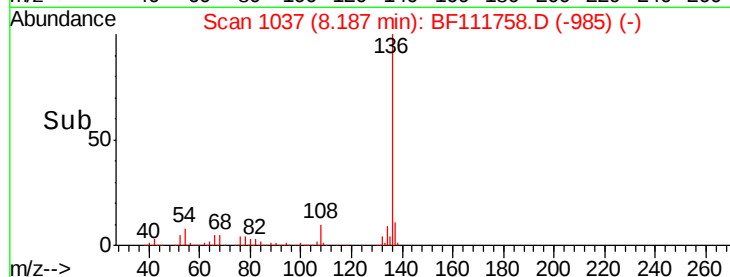
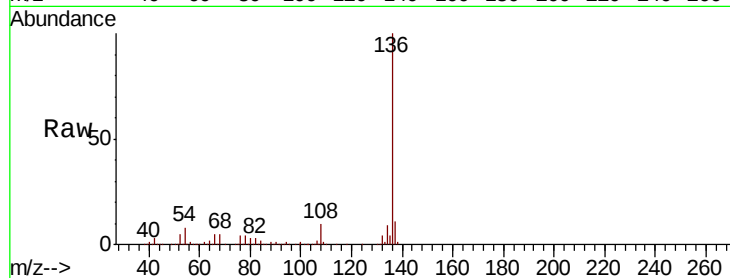




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111758.D
Acq: 27 Dec 2018 13:22

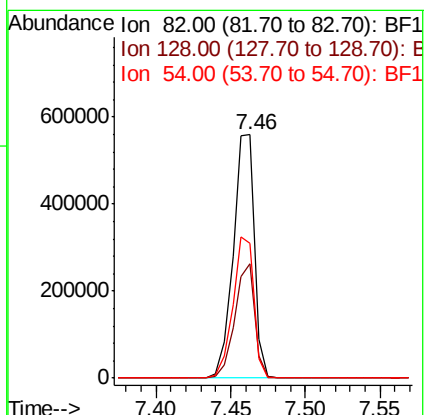
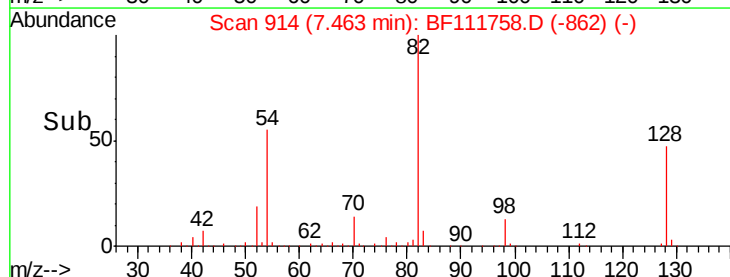
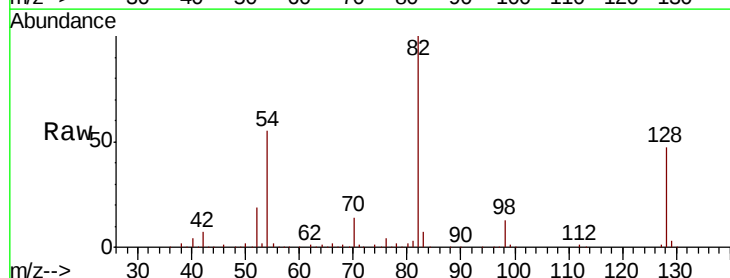
Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01

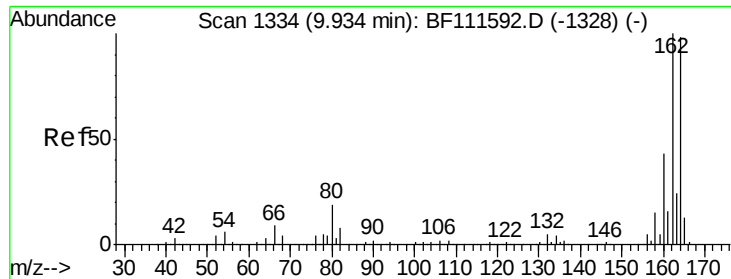
Tot Ion:136	Resp:	536654	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	9.1	13.7	
54 8.2	7.7	11.5	
68 5.1	4.9	7.3	



#23
Nitrobenzene-d5
Concen: 61.054 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111758.D
Acq: 27 Dec 2018 13:22

Tgt	Ion: 82	Resp:	562899
Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.4	56.2
54	55.3	47.6	71.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111758.D

Acq: 27 Dec 2018 13:22

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01

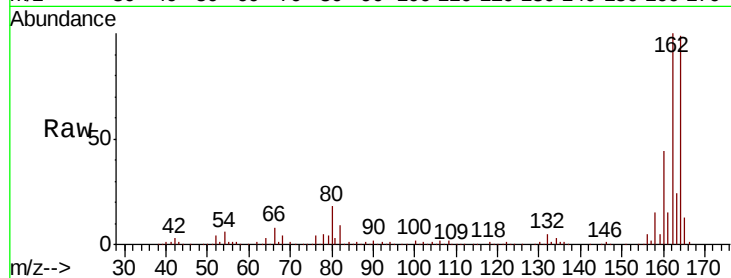
Tot Ion:164 Resp: 246983

Ion Ratio Lower Upper

164 100

162 100.9 81.4 122.0

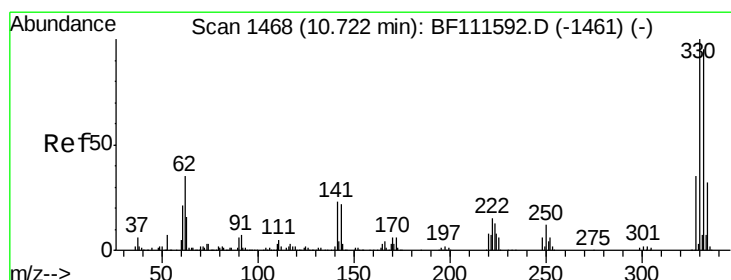
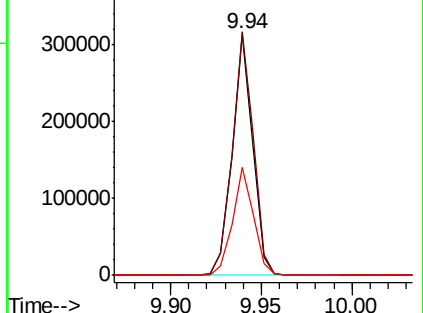
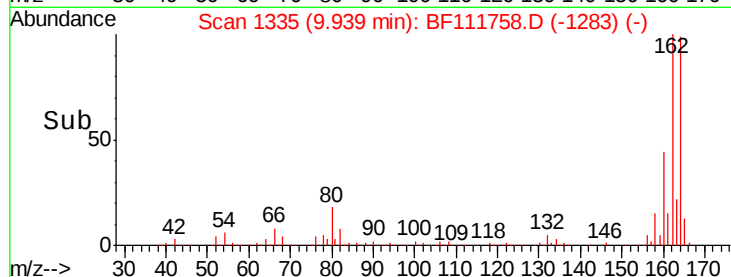
160 44.8 35.7 53.5



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



#42

2,4,6-Tribromophenol

Concen: 74.341 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF111758.D

Acq: 27 Dec 2018 13:22

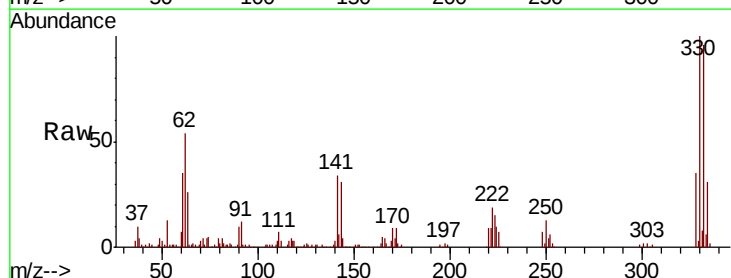
Tgt Ion:330 Resp: 216950

Ion Ratio Lower Upper

330 100

332 95.3 76.0 114.0

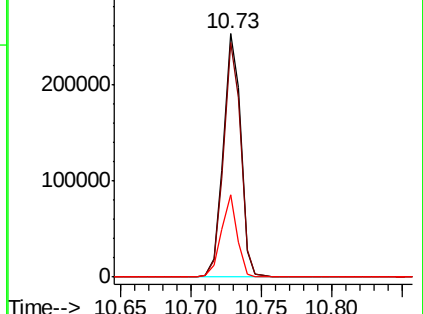
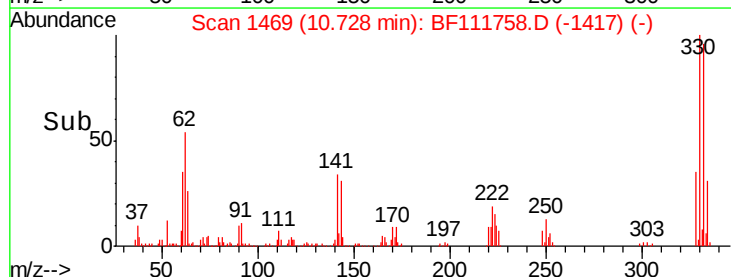
141 30.8 31.0 46.6#

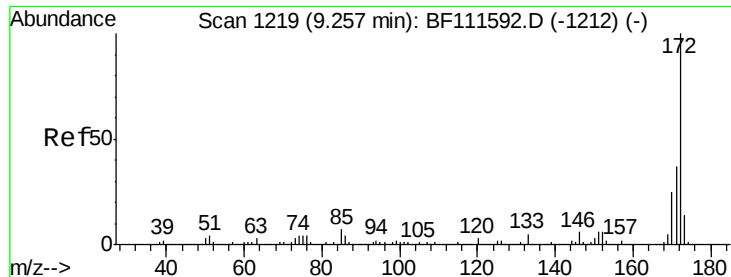


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

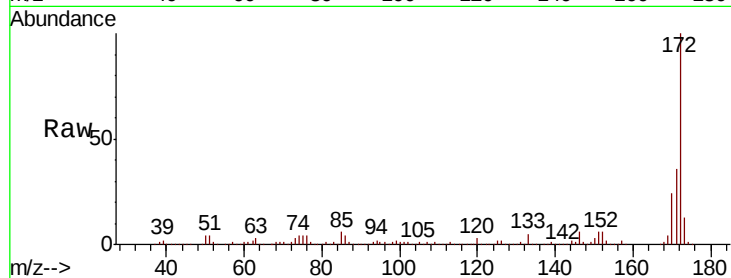




#45
2-Fluorobiphenyl
Concen: 58.529 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111758.D
Acq: 27 Dec 2018 13:22

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	33.0	49.4
170	24.1	22.3	33.5

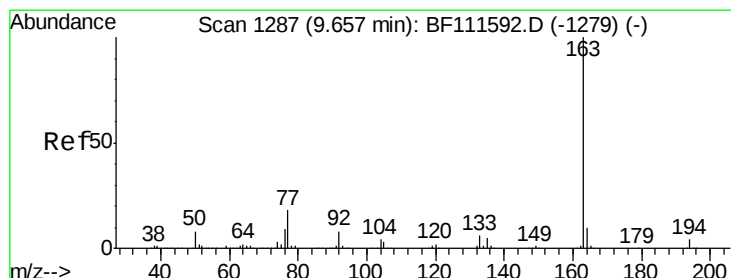
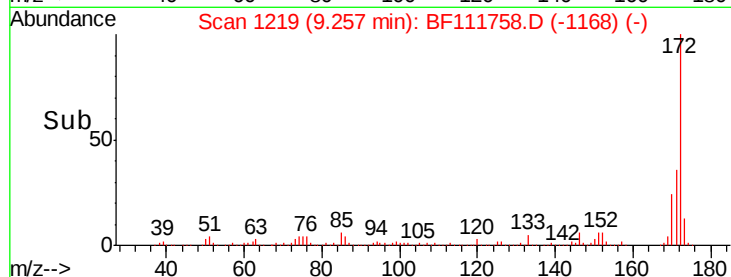
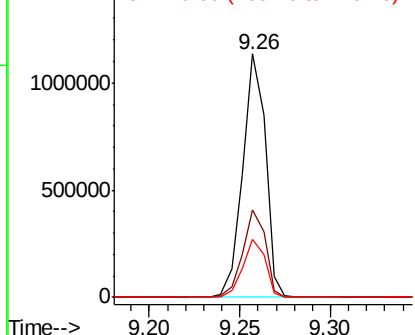


Abundance

Ion 172.00 (171.70 to 172.70): E

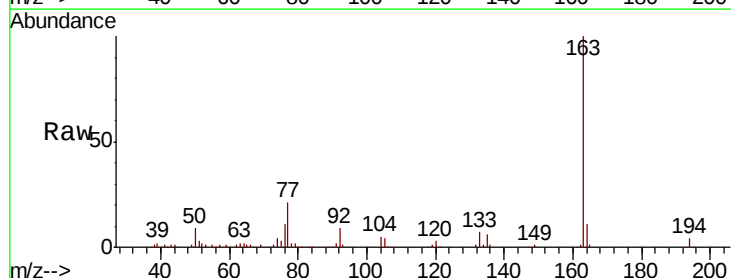
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 6.044 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111758.D
Acq: 27 Dec 2018 13:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.9	8.9	13.3

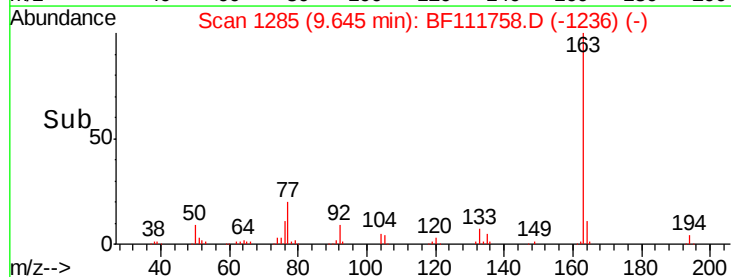
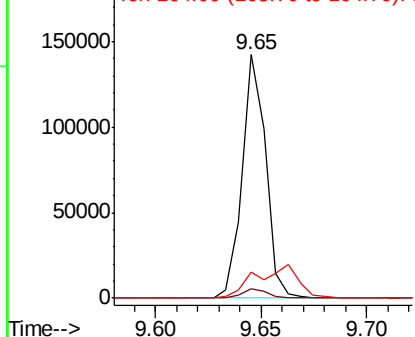


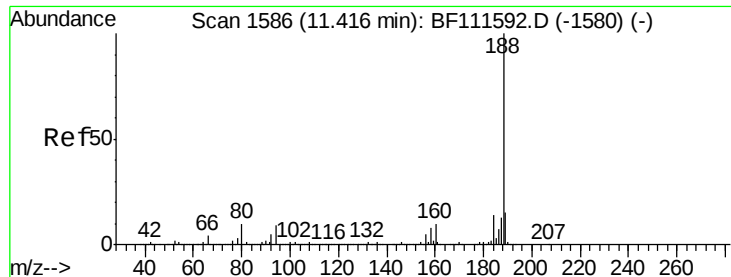
Abundance

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

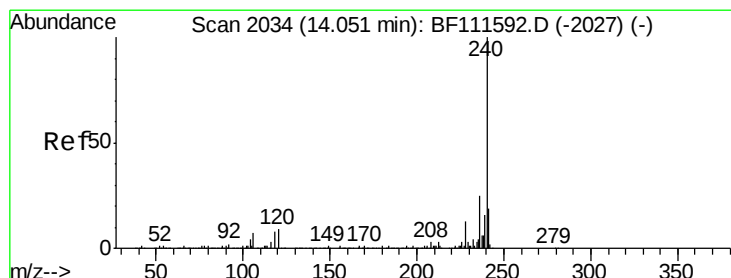
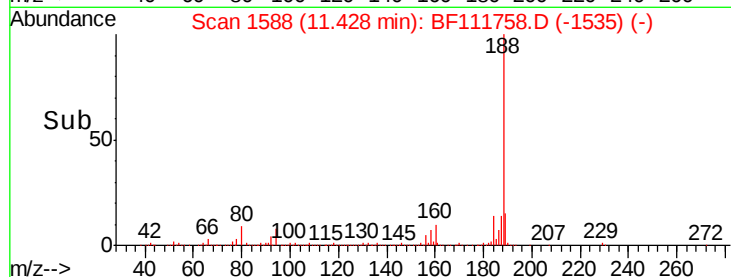
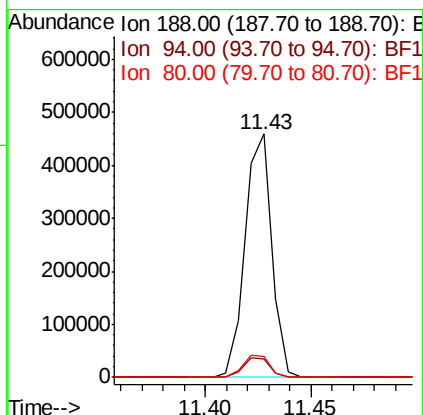
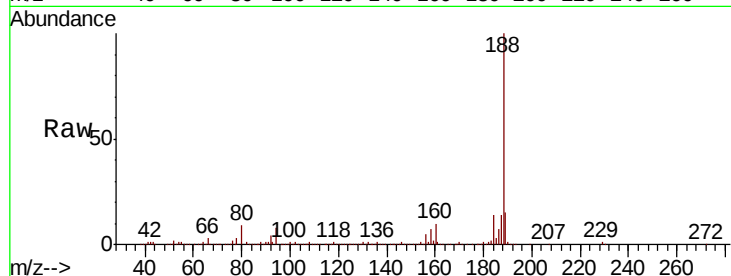




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111758.D
Acq: 27 Dec 2018 13:22

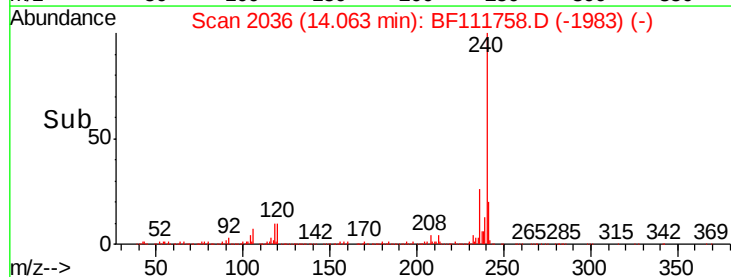
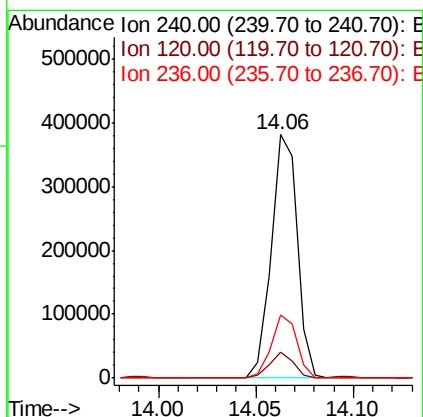
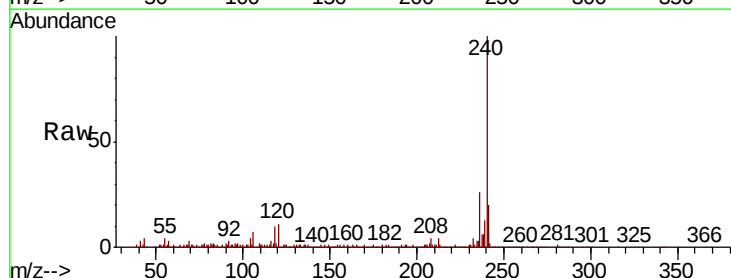
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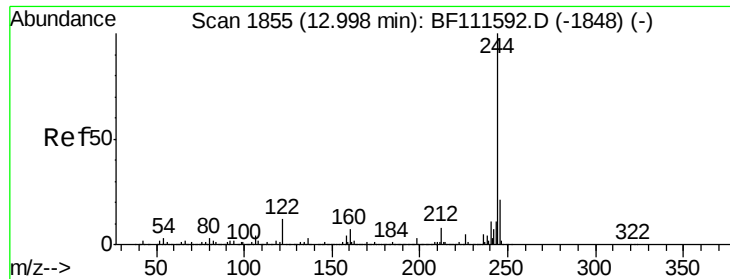
Tot Ion:188 Resp: 402075
Ion Ratio Lower Upper
188 100
94 7.8 9.6 14.4#
80 8.5 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111758.D
Acq: 27 Dec 2018 13:22

Tgt Ion:240 Resp: 353270
Ion Ratio Lower Upper
240 100
120 10.7 12.2 18.2#
236 25.7 20.2 30.2





#79

Terphenyl-d14

Concen: 42.107 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111758.D

Acq: 27 Dec 2018 13:22

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01

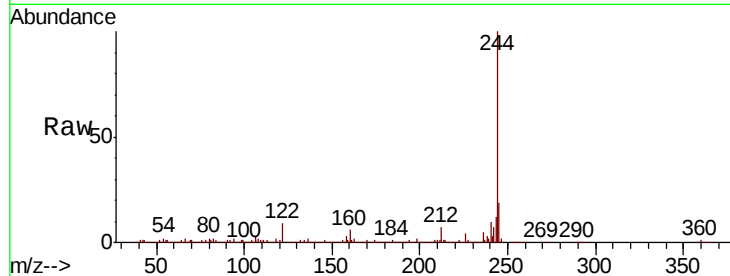
Tot Ion:244 Resp: 784380

Ion Ratio Lower Upper

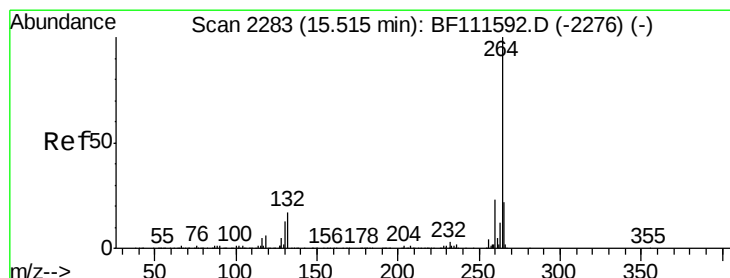
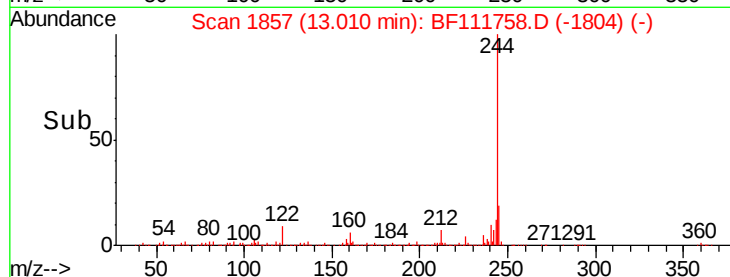
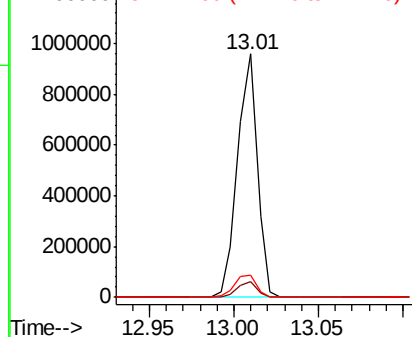
244 100

212 6.7 5.7 8.5

122 9.3 13.1 19.7#



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: 15.56 min Scan# 2290

Delta R.T. 0.04 min

Lab File: BF111758.D

Acq: 27 Dec 2018 13:22

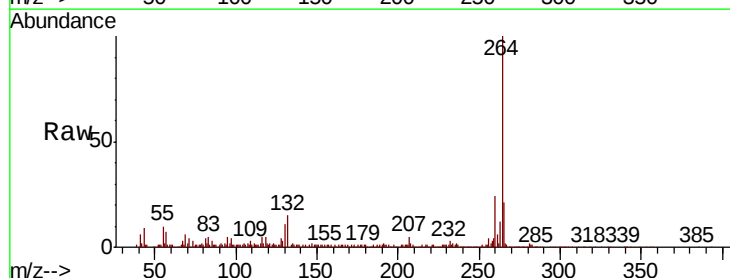
Tgt Ion:264 Resp: 291953

Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

265 20.7 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

