

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
 Data File : BF111848.D
 Acq On : 4 Jan 2019 16:52
 Operator : JU/SJ
 Sample : K1017-17RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

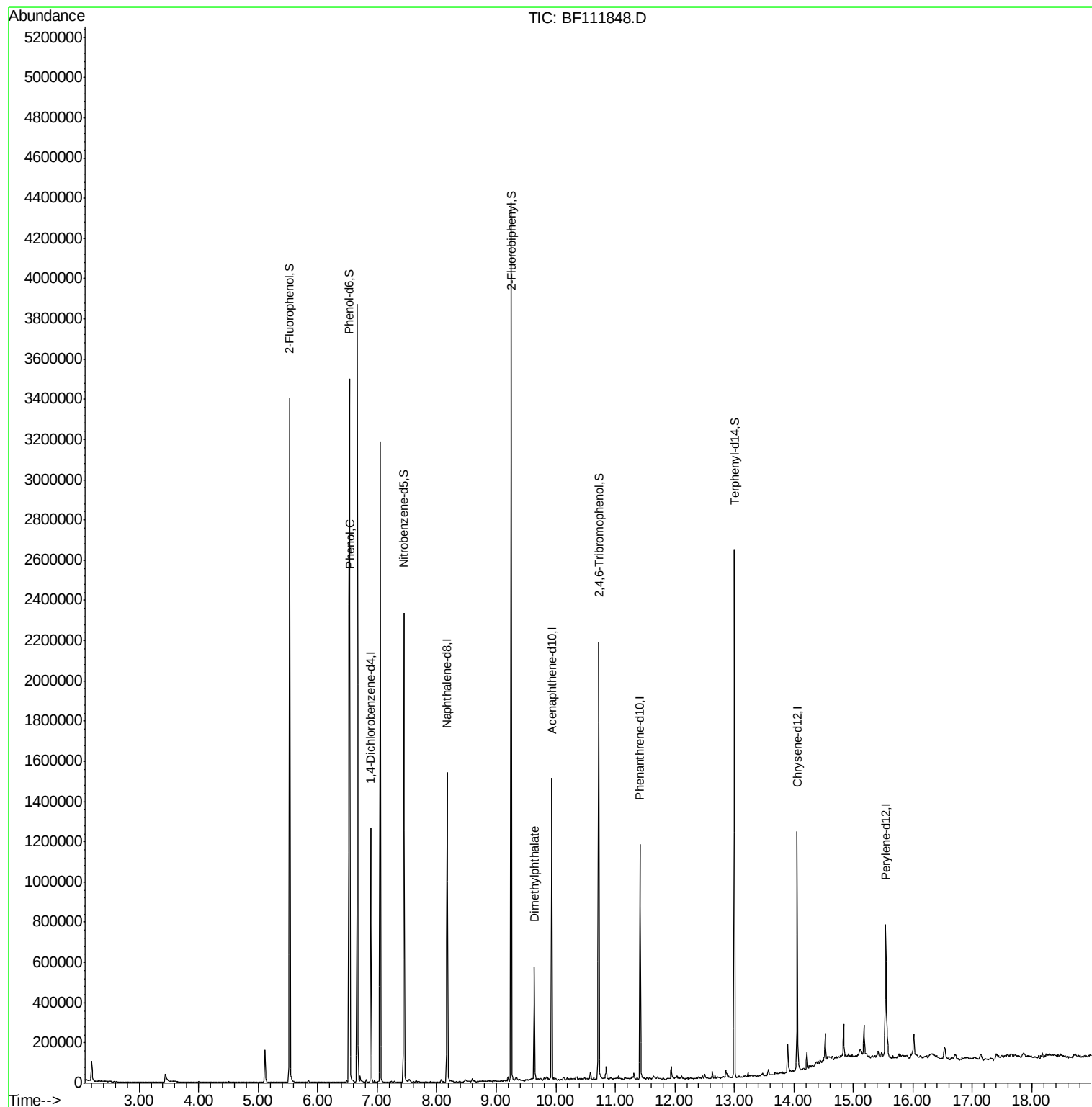
Quant Time: Jan 05 00:00:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	170709	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	638239	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	282125	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	407031	20.00	ng	0.00
76) Chrysene-d12	14.06	240	365947	20.00	ng	0.00
87) Perylene-d12	15.54	264	304408	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	892744	89.14	ng	0.01
7) Phenol-d6	6.53	99	1176838	92.33	ng	0.01
23) Nitrobenzene-d5	7.45	82	709598	64.72	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	272055	81.61	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1271302	65.68	ng	0.00
79) Terphenyl-d14	13.00	244	897846	46.53	ng	0.00
Target Compounds						
10) Phenol	6.55	94	62723	4.362	ng	97
50) Dimethylphthalate	9.64	163	201240	9.754	ng	97

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

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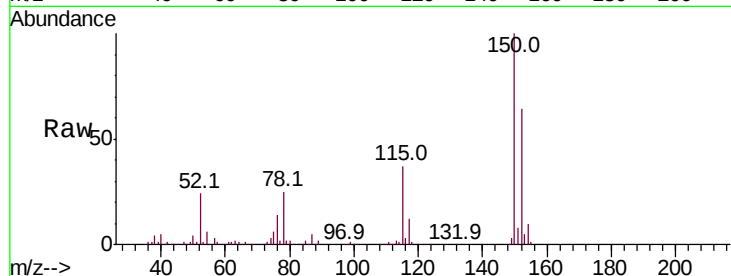




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111848.D
Acq: 4 Jan 2019 16:52

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.6	189.8
115	58.1	50.7	76.1

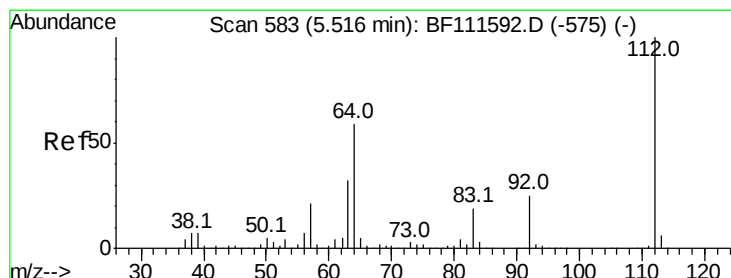
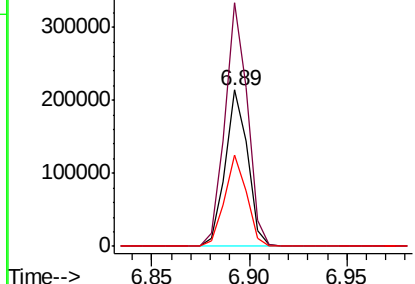
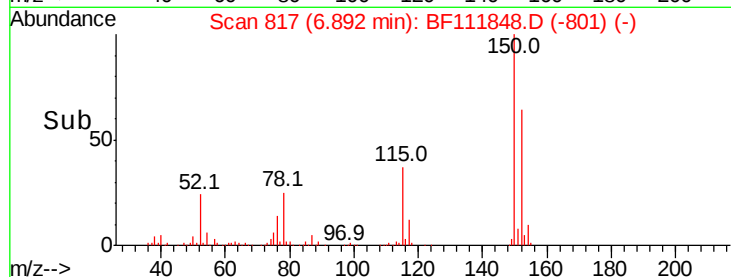


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

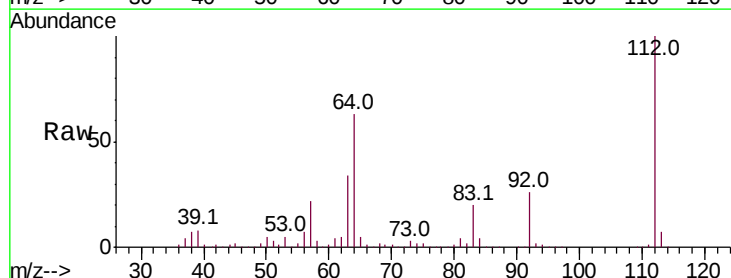
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 89.141 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111848.D
Acq: 4 Jan 2019 16:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	51.8	77.6
63	34.1	26.8	40.2

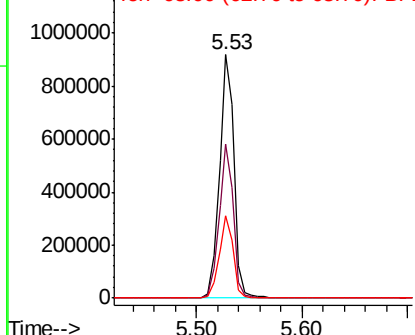
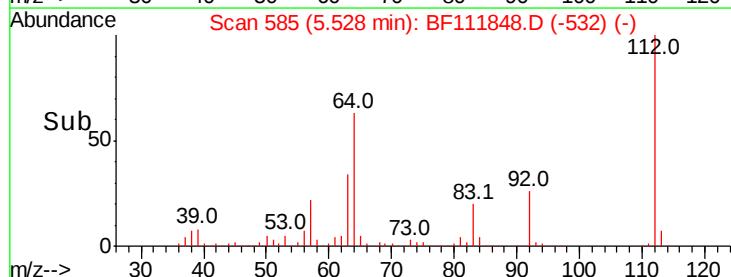


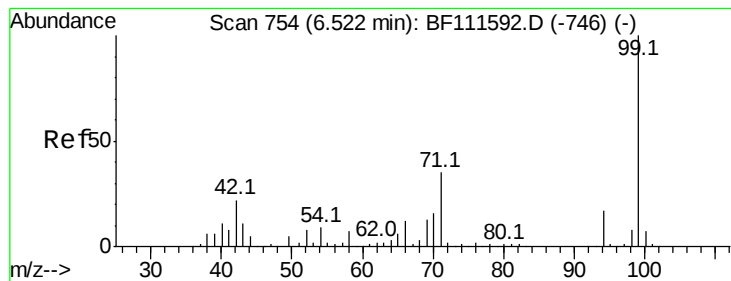
Abundance

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: 92.333 ng

RT: 6.53 min Scan# 756

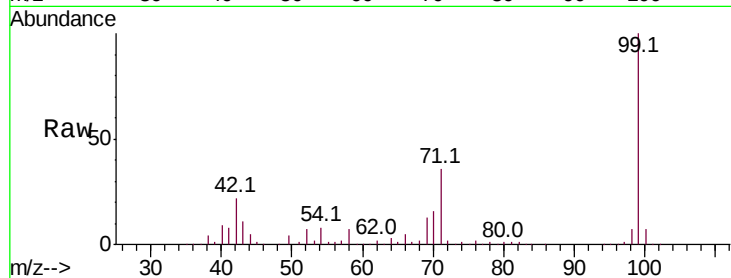
Delta R.T. 0.01 min

Lab File: BF111848.D

Acq: 4 Jan 2019 16:52

Tot Ion: 99 Resp: 1176838

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.4	26.0
71	36.1	26.1	39.1

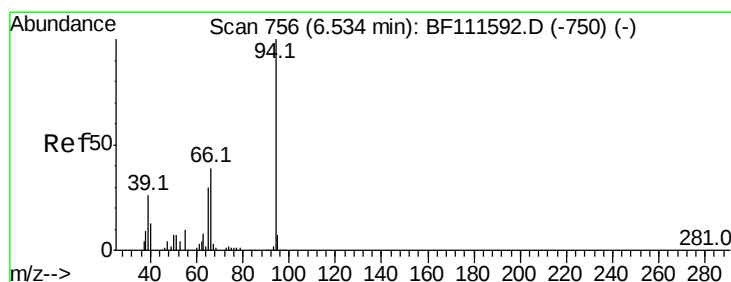
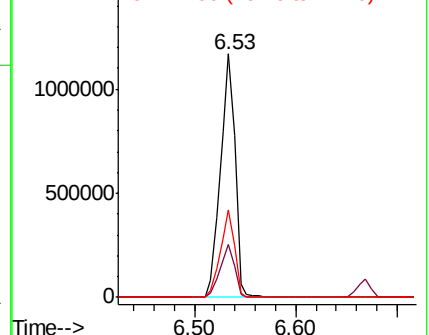
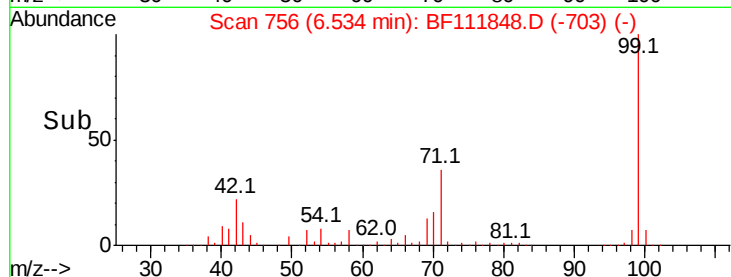


Abundance

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: 4.362 ng

RT: 6.55 min Scan# 758

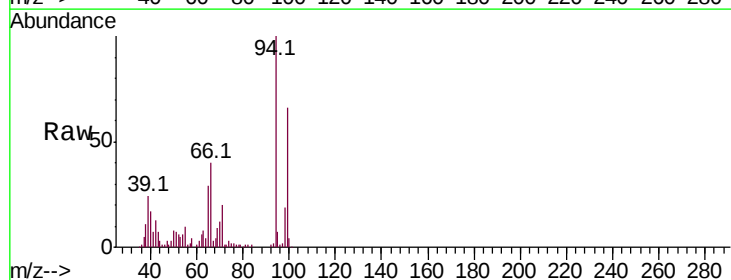
Delta R.T. 0.01 min

Lab File: BF111848.D

Acq: 4 Jan 2019 16:52

Tgt Ion: 94 Resp: 62723

Ion	Ratio	Lower	Upper
94	100		
65	28.9	11.7	51.7
66	40.1	21.0	61.0

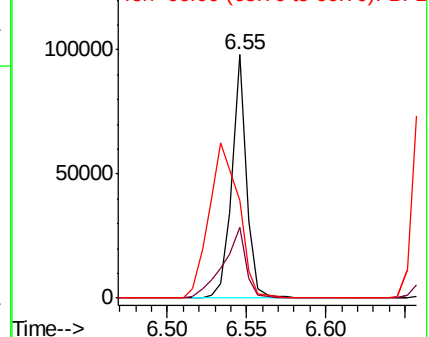
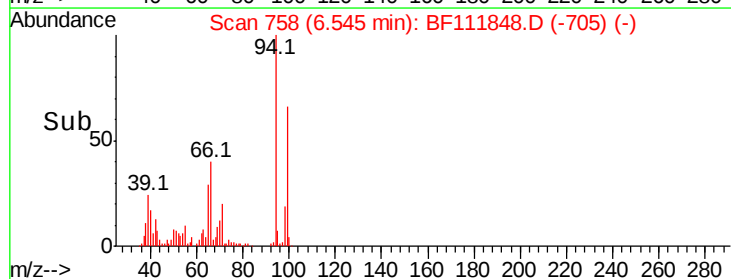


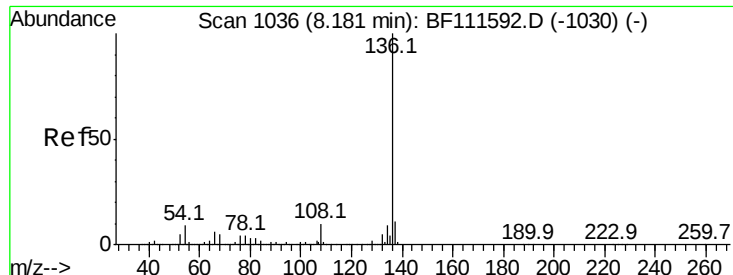
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

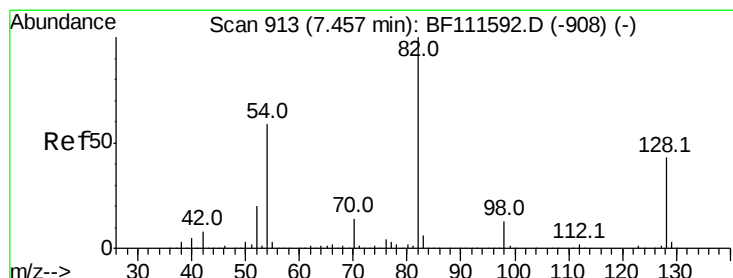
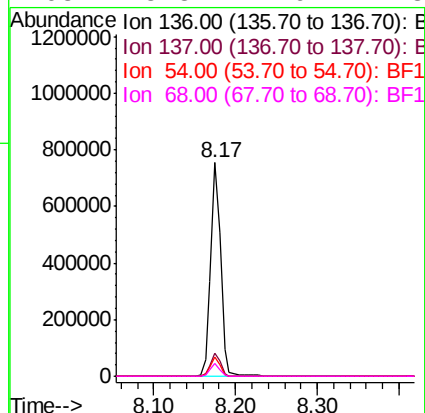
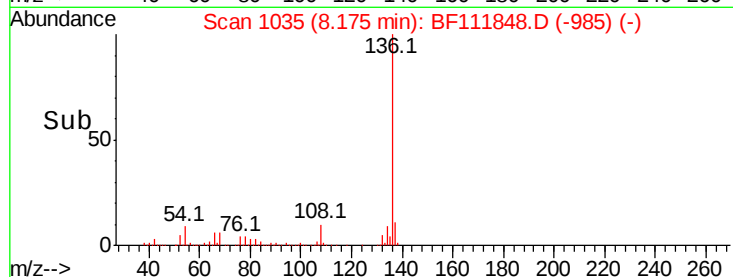
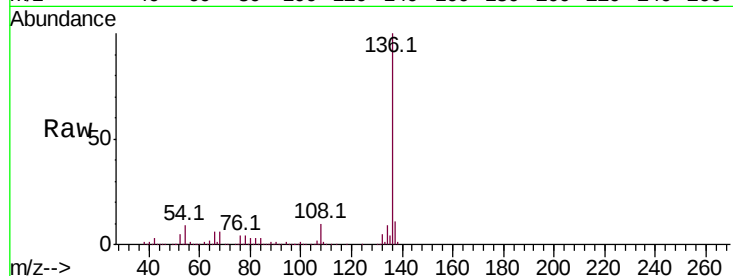
Ion 66.00 (65.70 to 66.70): BF1





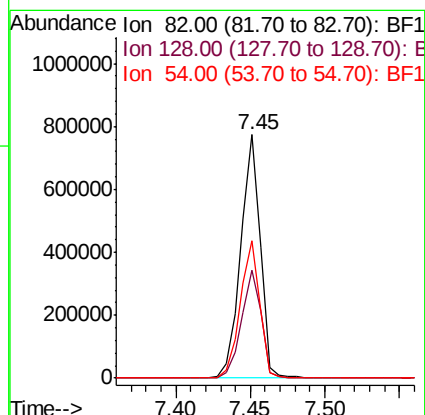
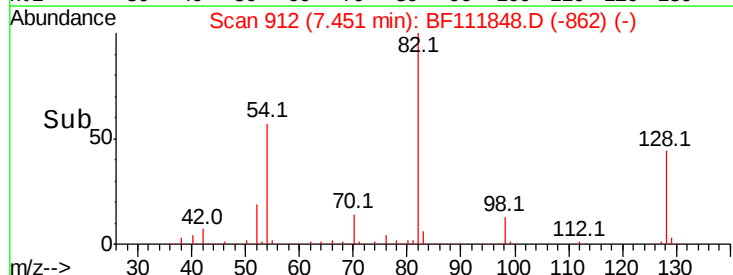
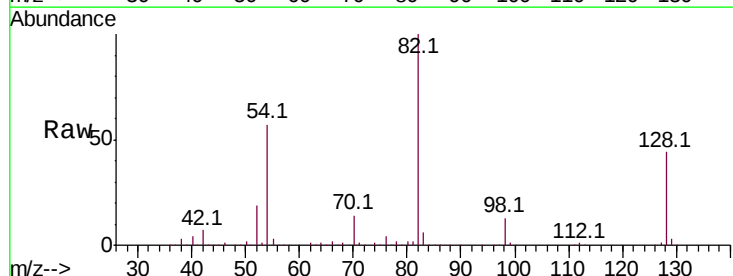
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111848.D
Acq: 4 Jan 2019 16:52

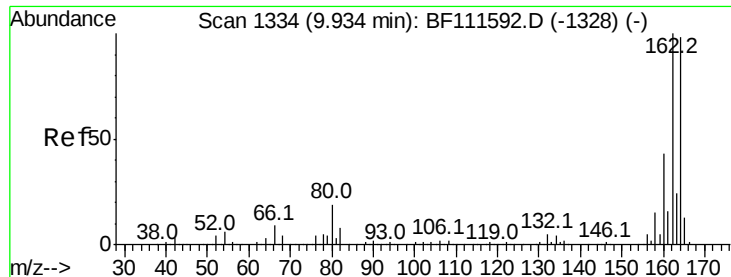
Tot Ion:136	Resp: 638239
Ion Ratio	Lower Upper
136 100	
137 11.0	9.1 13.7
54 9.0	7.7 11.5
68 5.8	4.9 7.3



#23
Nitrobenzene-d5
Concen: 64.716 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111848.D
Acq: 4 Jan 2019 16:52

Tgt	Ion: 82	Resp:	709598
Ion	Ratio	Lower	Upper
82	100		
128	44.2	37.4	56.2
54	56.6	47.6	71.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF111848.D

Acq: 4 Jan 2019 16:52

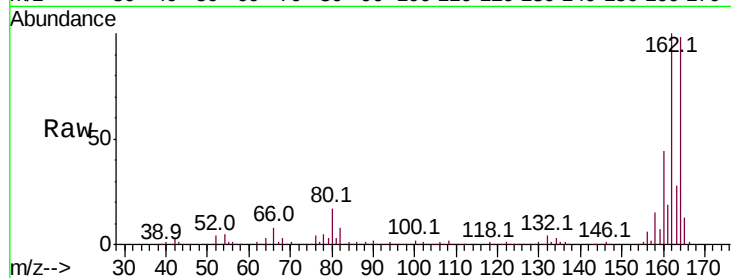
Tot Ion:164 Resp: 282125

Ion Ratio Lower Upper

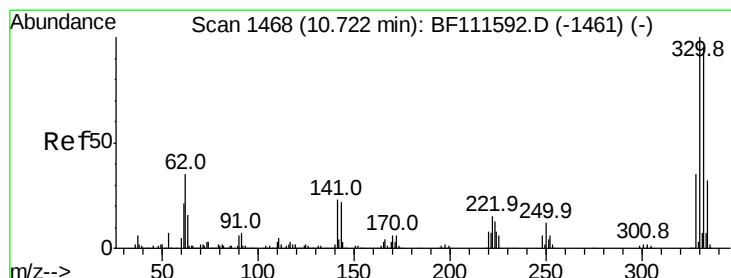
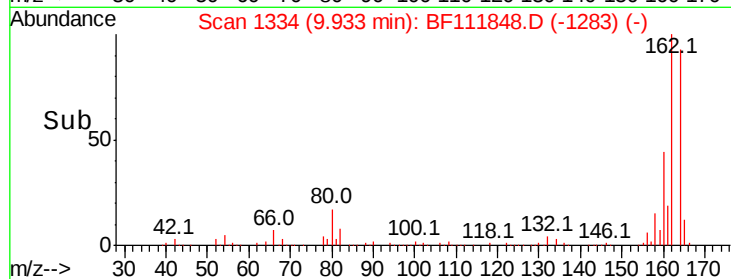
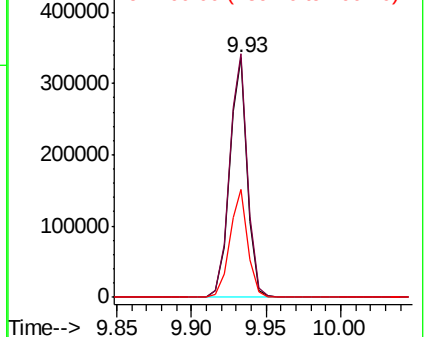
164 100

162 101.8 81.4 122.0

160 45.1 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: 81.612 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF111848.D

Acq: 4 Jan 2019 16:52

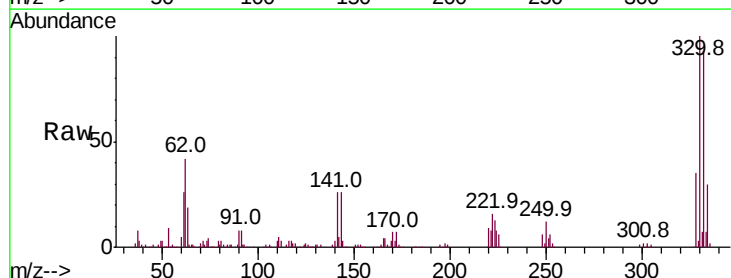
Tgt Ion:330 Resp: 272055

Ion Ratio Lower Upper

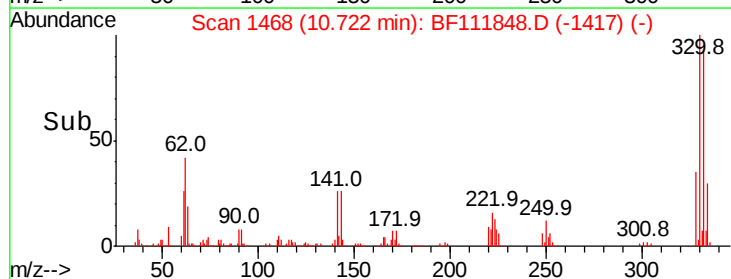
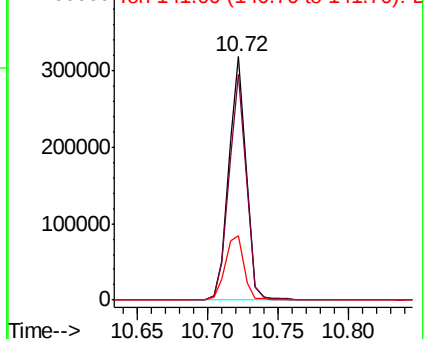
330 100

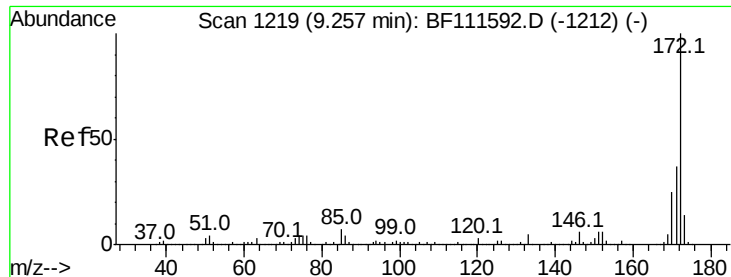
332 93.2 76.0 114.0

141 29.4 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

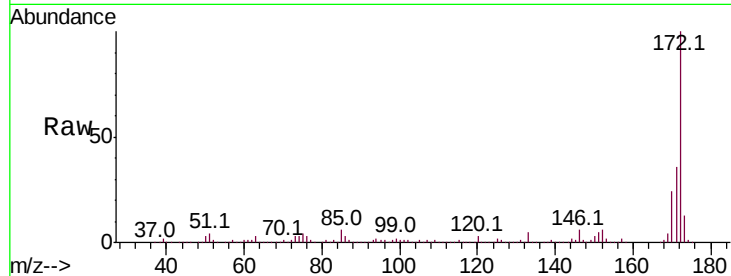




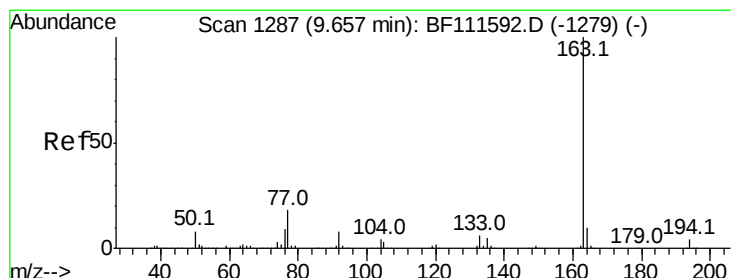
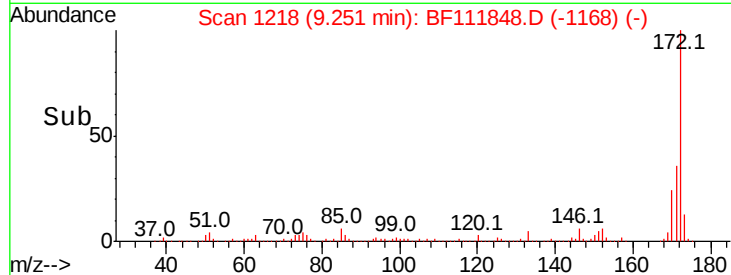
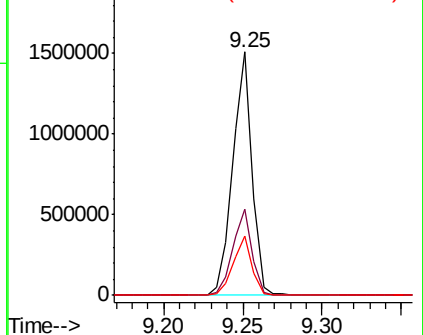
#45
 2-Fluorobiphenyl
 Concen: 65.681 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111848.D
 Acq: 4 Jan 2019 16:52

Tot Ion:172 Resp: 1271302

Ion	Ratio	Lower	Upper
172	100		
171	35.6	33.0	49.4
170	24.3	22.3	33.5



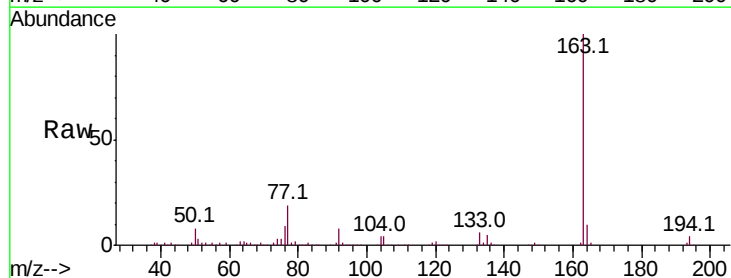
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



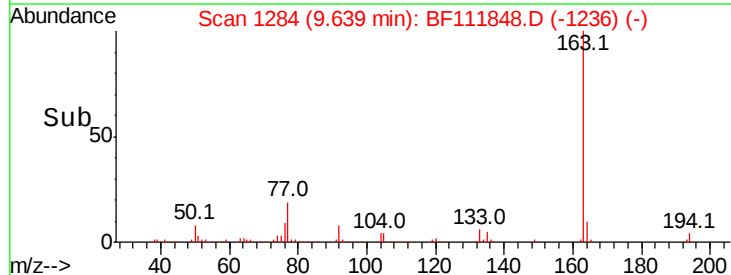
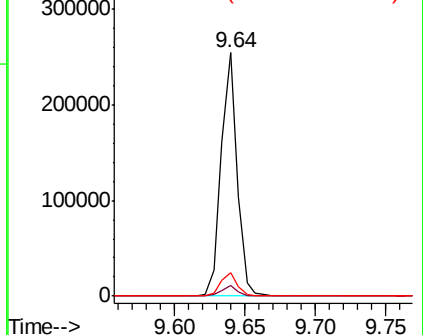
#50
 Dimethylphthalate
 Concen: 9.754 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BF111848.D
 Acq: 4 Jan 2019 16:52

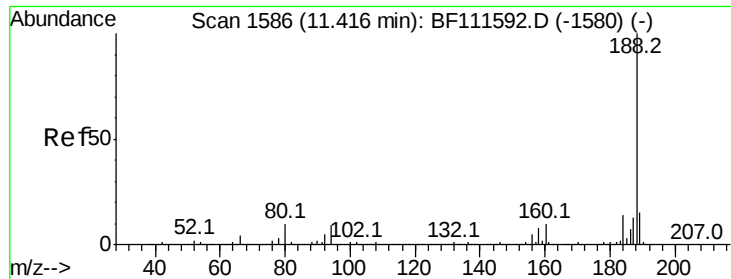
Tgt Ion:163 Resp: 201240

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	9.8	8.9	13.3



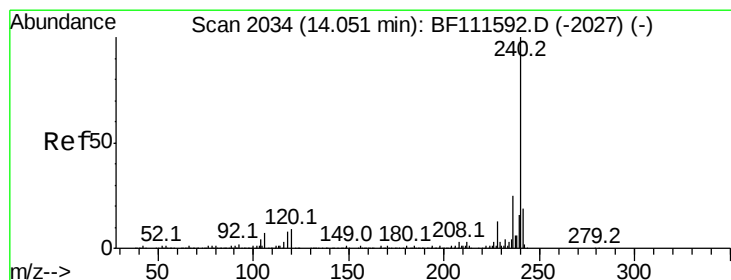
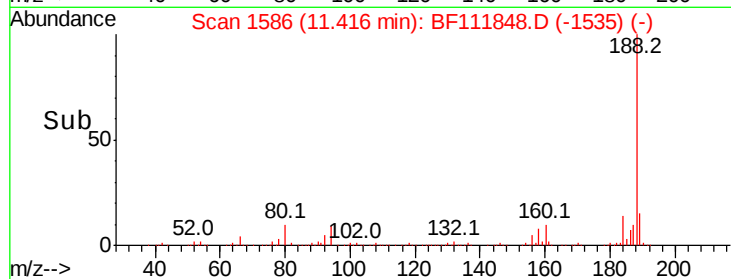
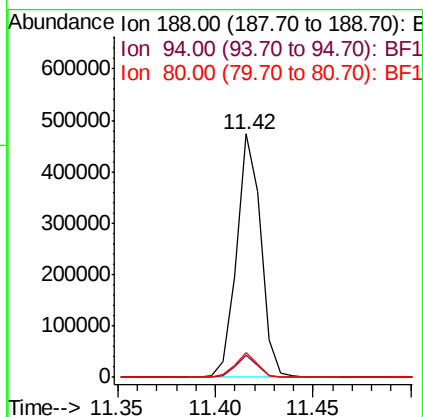
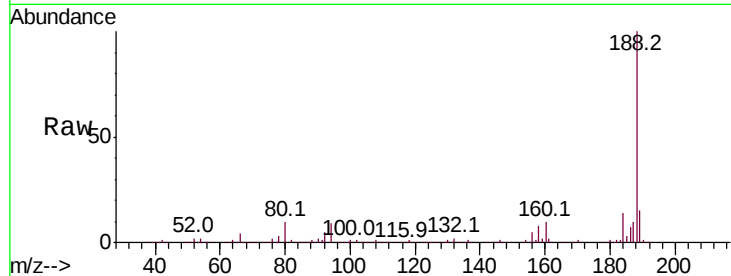
Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





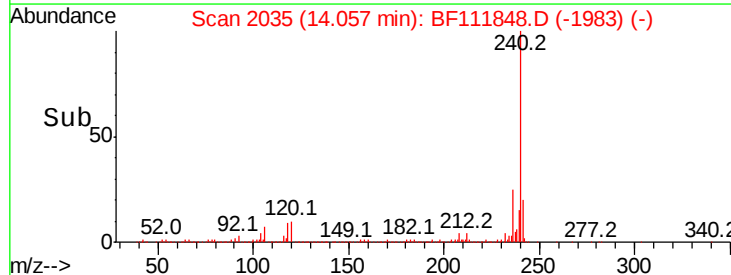
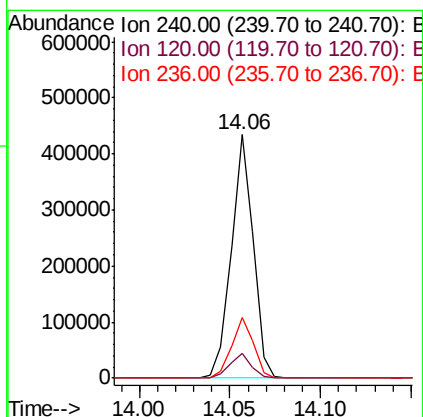
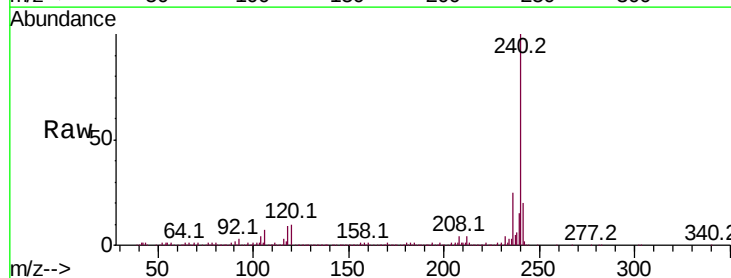
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111848.D
Acq: 4 Jan 2019 16:52

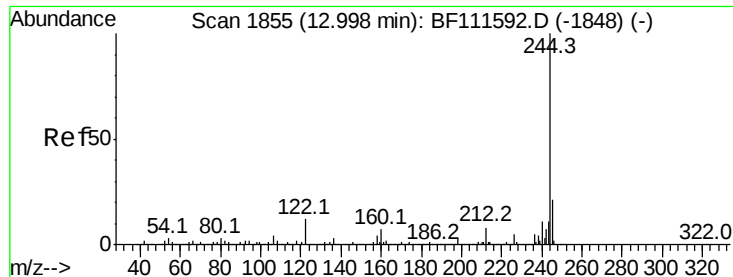
Tot Ion:188 Resp: 407031
Ion Ratio Lower Upper
188 100
94 9.2 9.6 14.4#
80 10.3 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF111848.D
Acq: 4 Jan 2019 16:52

Tgt Ion:240 Resp: 365947
Ion Ratio Lower Upper
240 100
120 10.2 12.2 18.2#
236 25.0 20.2 30.2





#79

Terphenyl-d14

Concen: 46.528 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111848.D

Acq: 4 Jan 2019 16:52

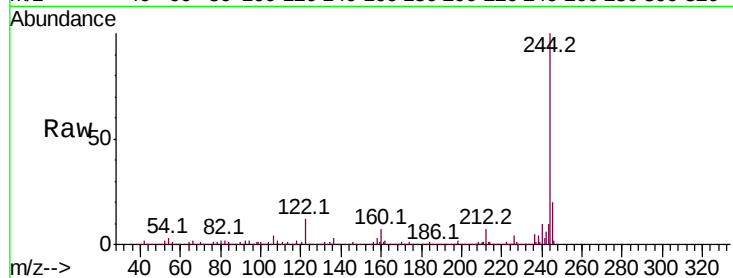
Tot Ion:244 Resp: 897846

Ion Ratio Lower Upper

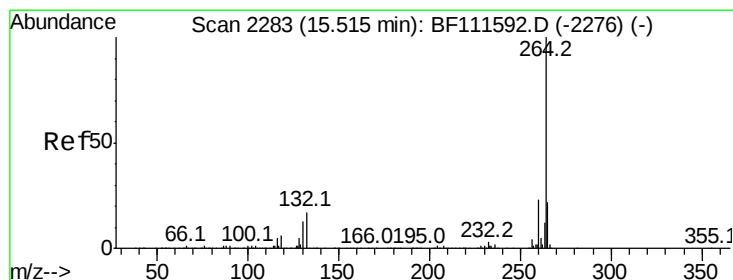
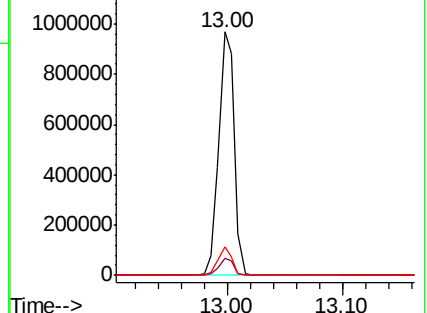
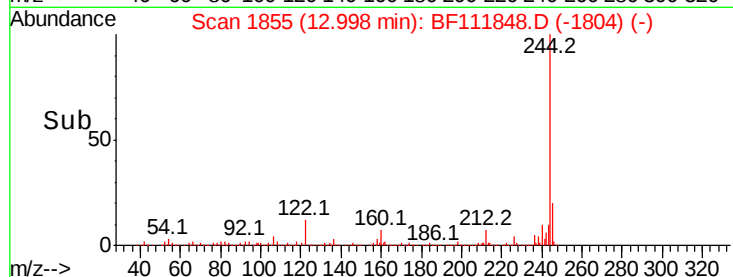
244 100

212 6.9 5.7 8.5

122 11.6 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: 15.54 min Scan# 2288

Delta R.T. 0.03 min

Lab File: BF111848.D

Acq: 4 Jan 2019 16:52

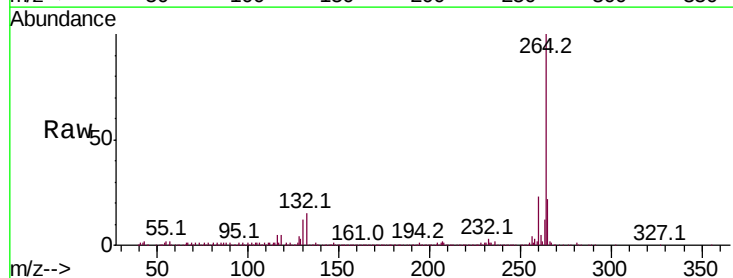
Tgt Ion:264 Resp: 304408

Ion Ratio Lower Upper

264 100

260 22.5 18.3 27.5

265 21.8 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

