

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
 Data File : BF118709.D
 Acq On : 25 Jan 2020 4:30
 Operator : CG/JU
 Sample : L1173-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0049-DECANT-H2O-COMP-1

Quant Time: Jan 27 03:19:29 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

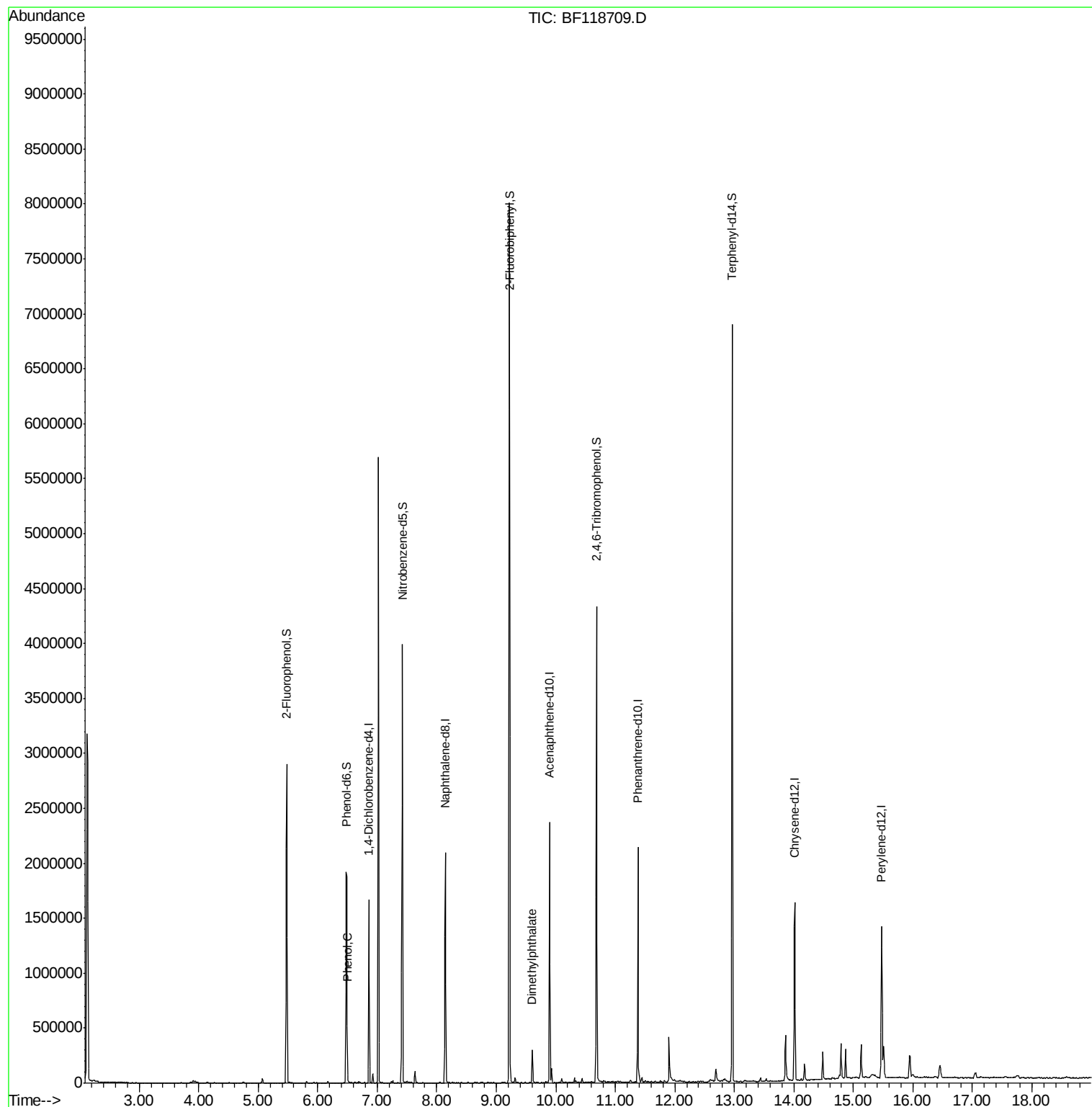
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	235410	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	875987	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	450984	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	729387	20.00	ng	-0.03
76) Chrysene-d12	14.02	240	546515	20.00	ng	-0.03
87) Perylene-d12	15.47	264	672150	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	793010	62.56	ng	-0.02
7) Phenol-d6	6.48	99	689638	41.86	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1271292	81.18	ng	-0.02
42) 2,4,6-Tribromophenol	10.69	330	616244	118.14	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	2502425	91.20	ng	-0.02
79) Terphenyl-d14	12.96	244	2417409	96.48	ng	-0.03
Target Compounds						
10) Phenol	6.50	94	44764	2.384	ng	93
50) Dimethylphthalate	9.61	163	133262	4.535	ng	96

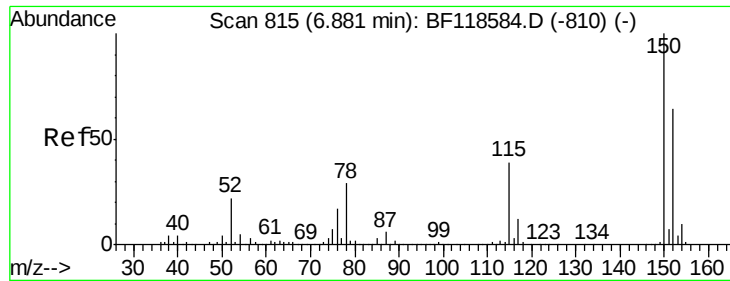
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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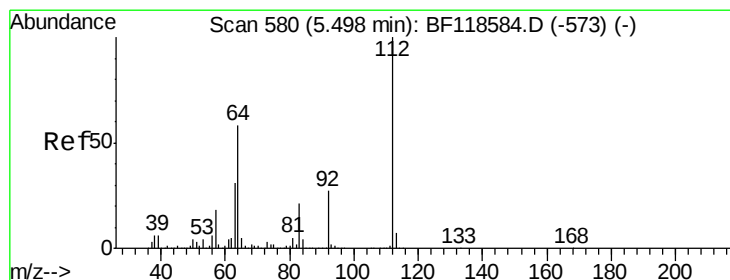
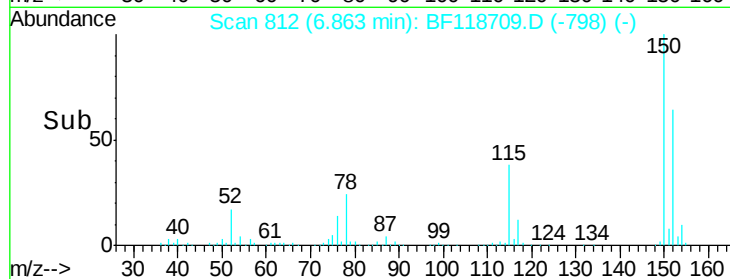
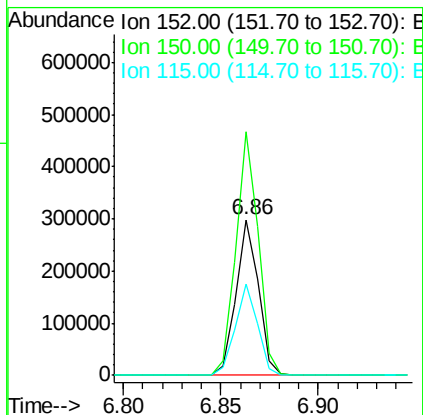
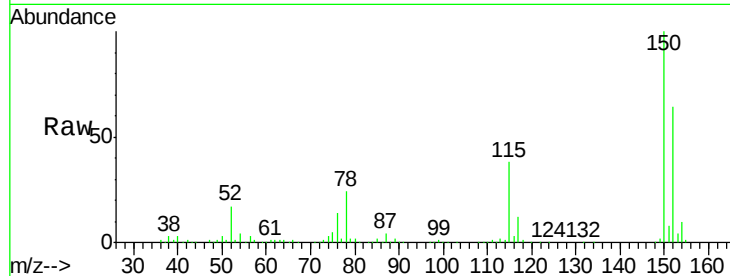


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118709.D
Acq: 25 Jan 2020 4:30

Instrument :
BNA_F
ClientSampleId :
0049-DECANT-H2O-COMP-1

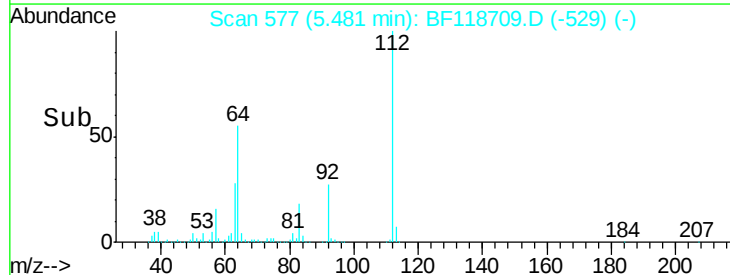
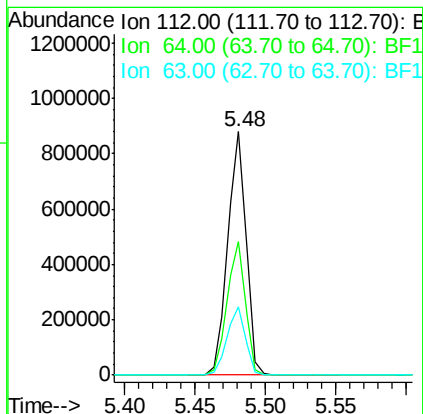
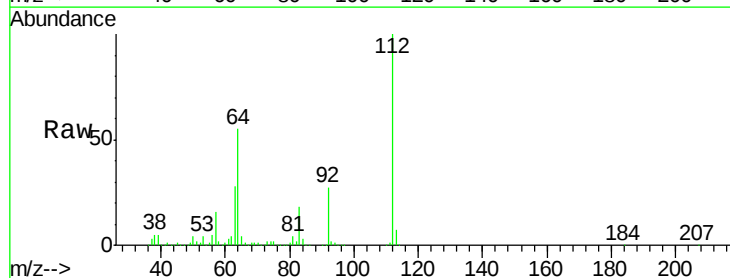
Tot Ion:152 Resp: 235410
Ion Ratio Lower Upper
152 100
150 156.2 125.6 188.4
115 58.6 48.4 72.6



#5

2-Fluorophenol
Concen: 62.564 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF118709.D
Acq: 25 Jan 2020 4:30

Tgt Ion:112 Resp: 793010
Ion Ratio Lower Upper
112 100
64 54.8 46.6 70.0
63 28.0 25.1 37.7





#7

Phenol-d6

Concen: 41.861 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF118709.D

Acq: 25 Jan 2020 4:30

Instrument :

BNA_F

ClientSampleId :

0049-DECANT-H2O-COMP-1

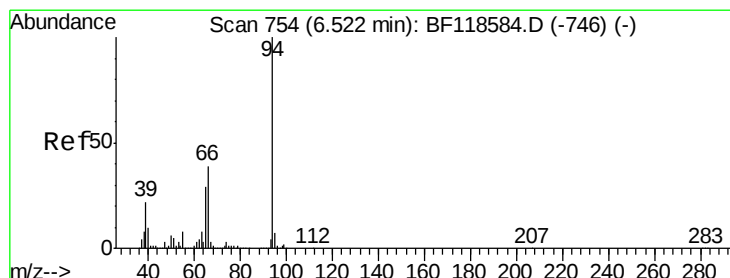
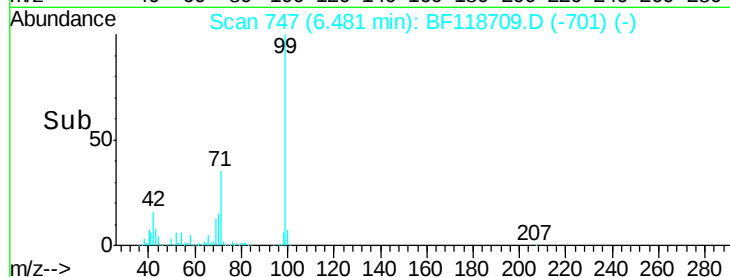
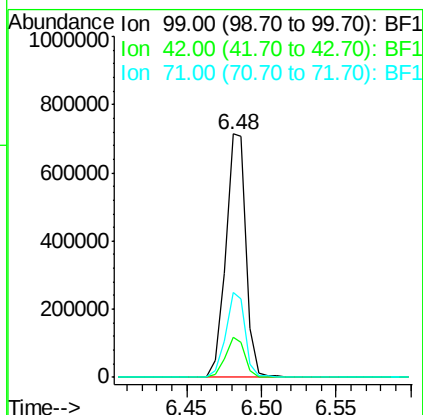
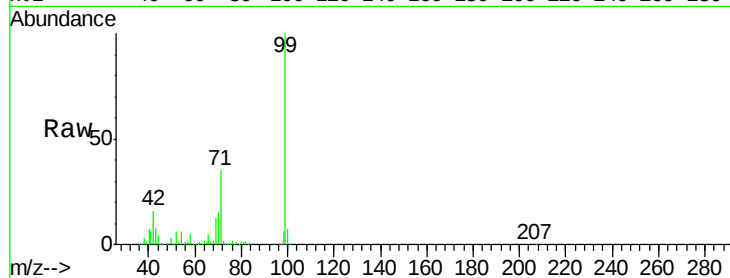
Tot Ion: 99 Resp: 689638

Ion Ratio Lower Upper

99 100

42 16.4 14.2 21.2

71 34.9 27.8 41.6



#10

Phenol

Concen: 2.384 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118709.D

Acq: 25 Jan 2020 4:30

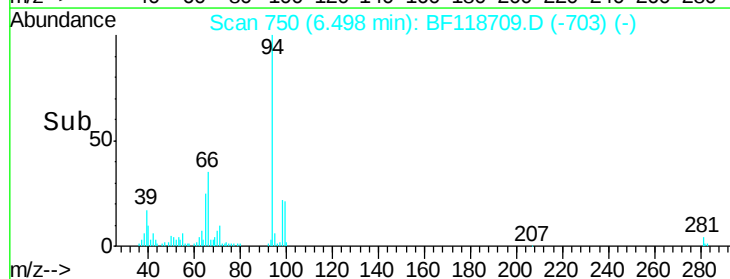
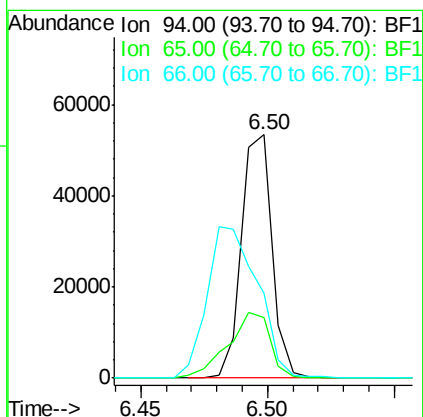
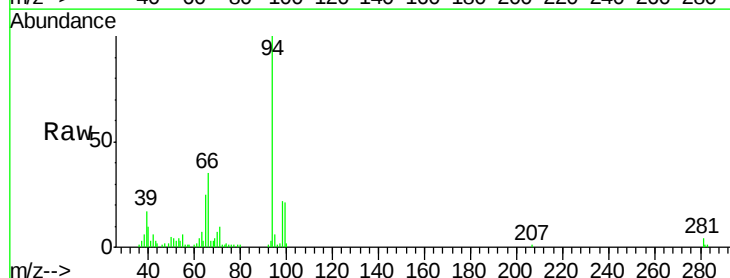
Tgt Ion: 94 Resp: 44764

Ion Ratio Lower Upper

94 100

65 25.0 9.5 49.5

66 34.7 18.5 58.5

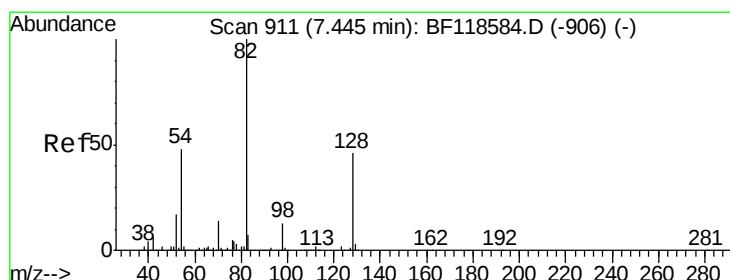
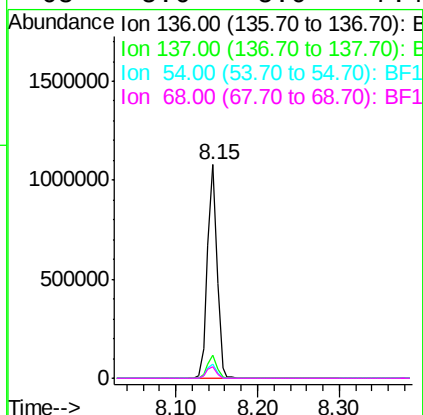
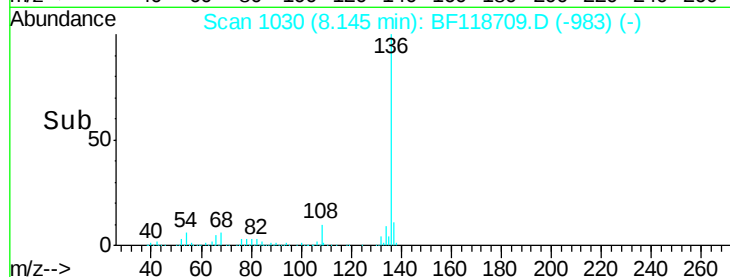
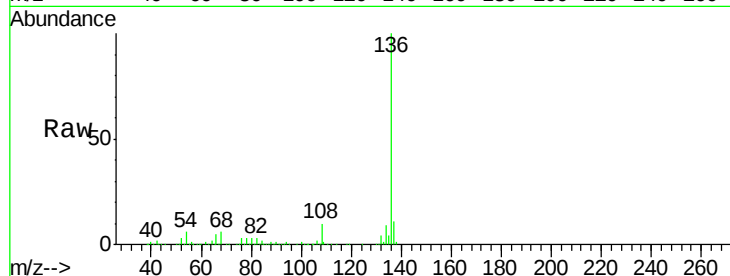




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118709.D
Acq: 25 Jan 2020 4:30

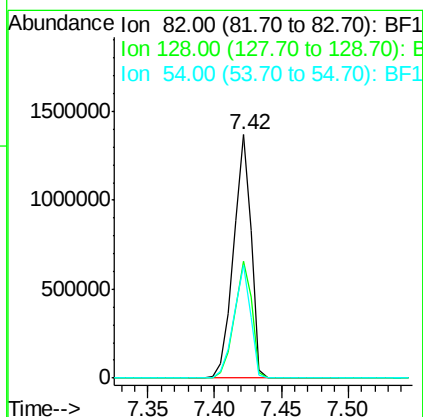
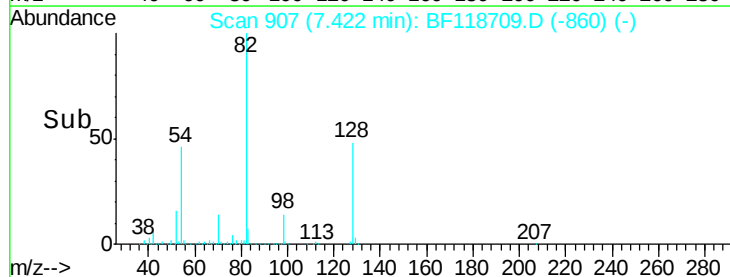
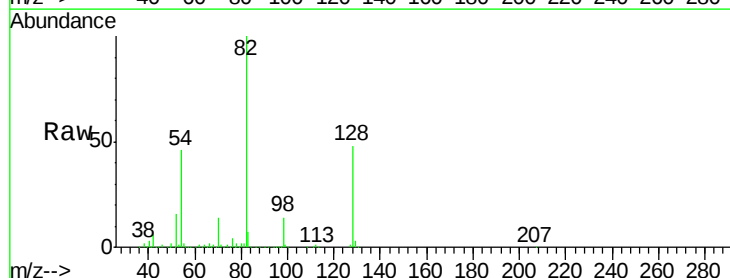
Instrument :
BNA_F
ClientSampleId :
0049-DECANT-H2O-COMP-1

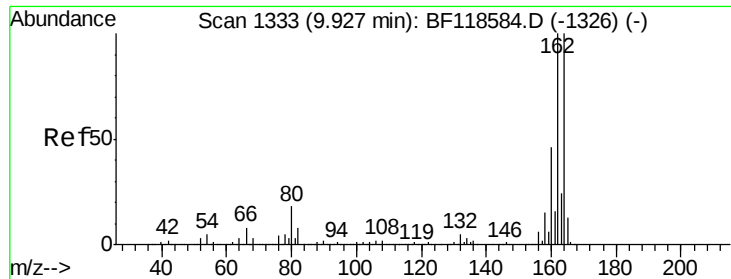
Tot Ion:136	Resp:	875987
Ion Ratio	Lower	Upper
136 100		
137 11.1	9.1	13.7
54 6.4	5.8	8.6
68 5.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 81.175 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118709.D
Acq: 25 Jan 2020 4:30

Tgt Ion: 82	Resp: 1271292
Ion Ratio	Lower Upper
82 100	
128 48.0	36.6 54.8
54 46.2	38.0 57.0

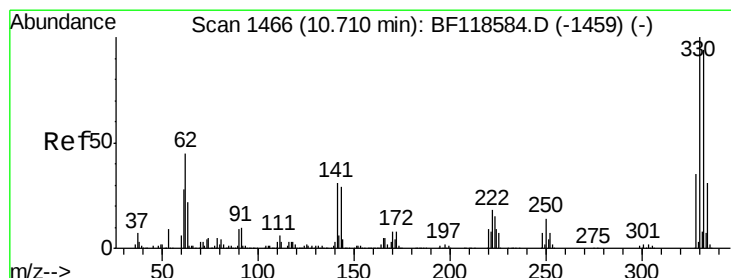
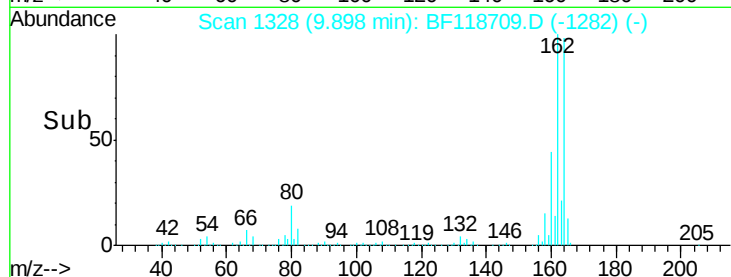
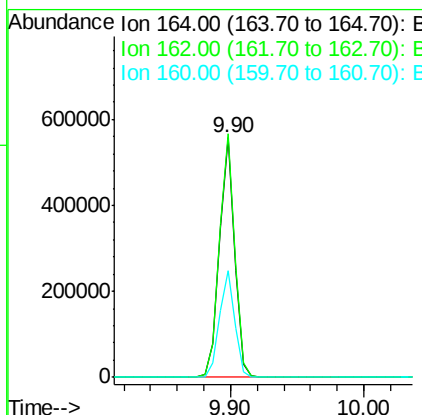
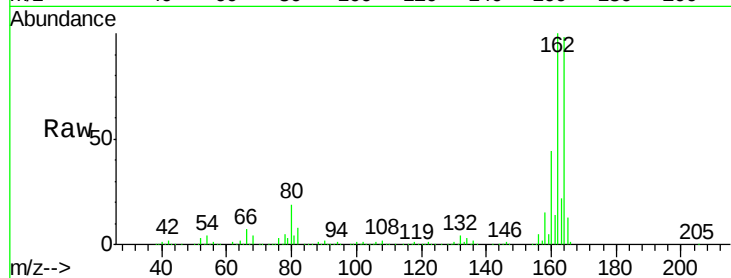




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.03 min
 Lab File: BF118709.D
 Acq: 25 Jan 2020 4:30

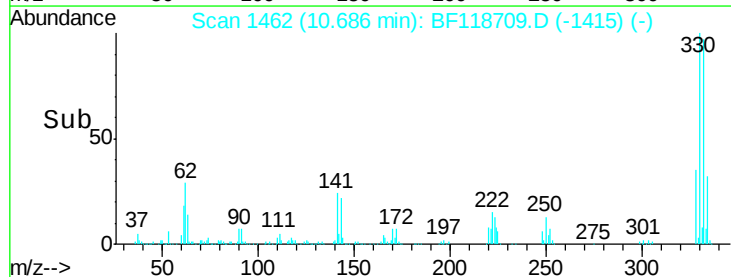
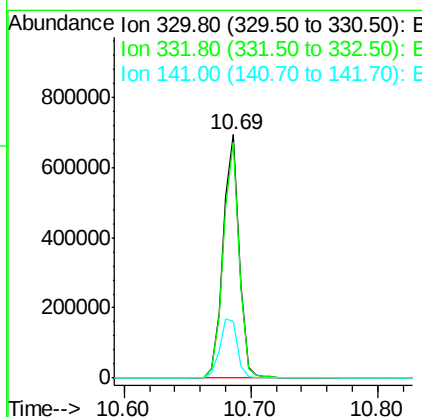
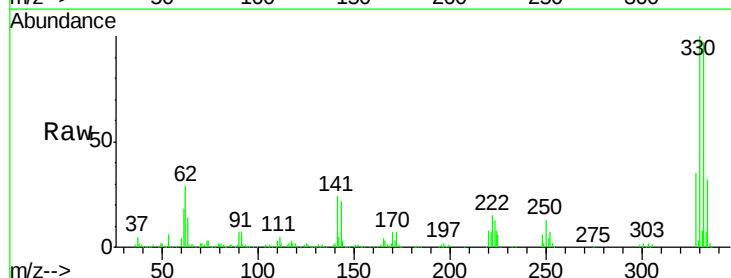
Instrument :
 BNA_F
 ClientSampleId :
 0049-DECANT-H2O-COMP-1

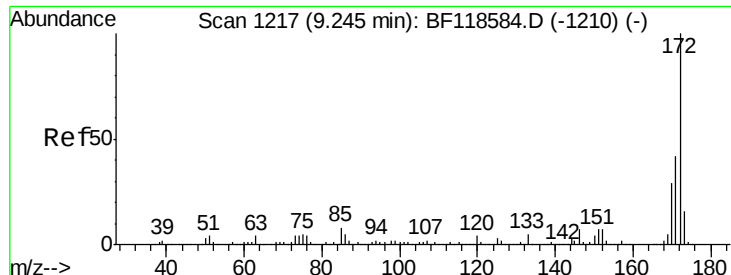
Tot Ion:164 Resp: 450984
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.4 120.6
 160 44.5 36.6 55.0



#42
 2,4,6-Tribromophenol
 Concen: 118.140 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF118709.D
 Acq: 25 Jan 2020 4:30

Tgt Ion:330 Resp: 616244
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.2 114.4
 141 27.2 23.9 35.9

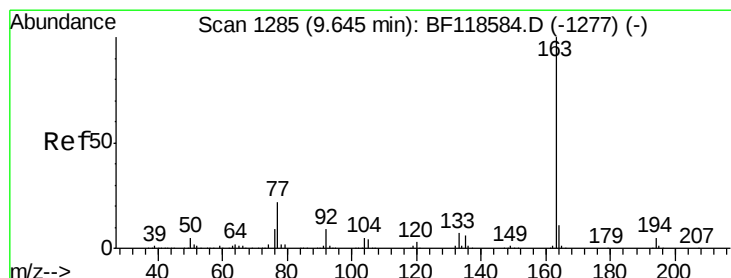
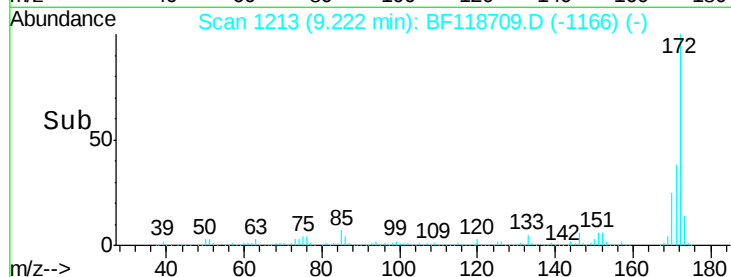
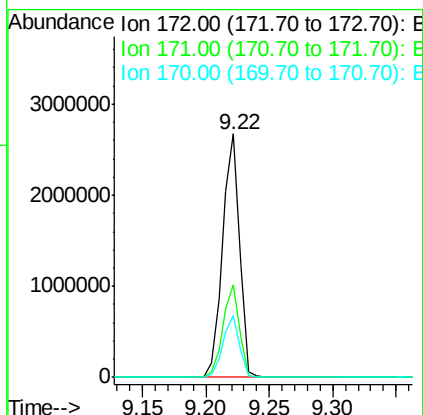
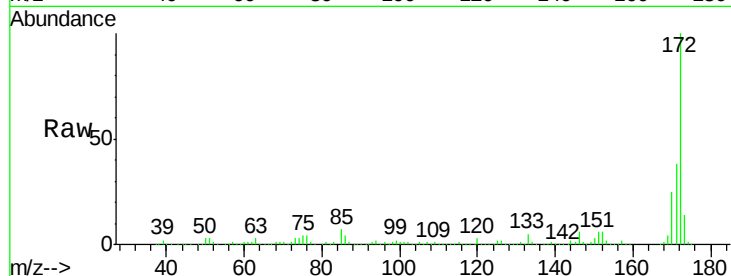




#45
2-Fluorobiphenyl
Concen: 91.201 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF118709.D
Acq: 25 Jan 2020 4:30

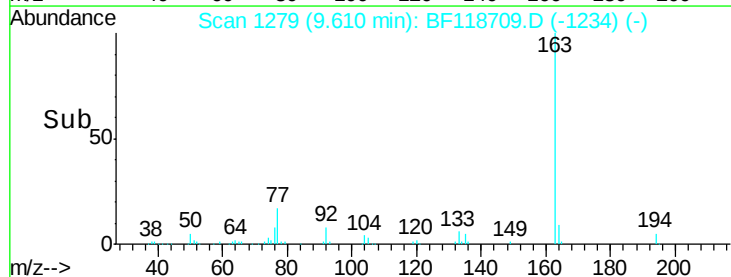
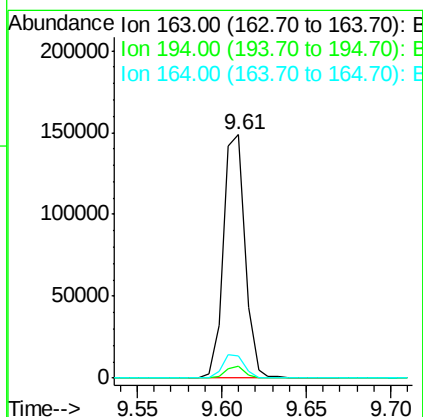
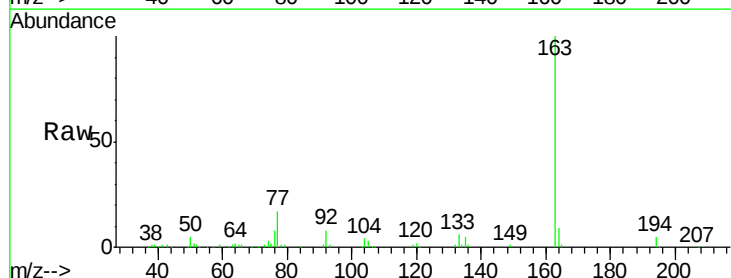
Instrument :
BNA_F
ClientSampleId :
0049-DECANT-H2O-COMP-1

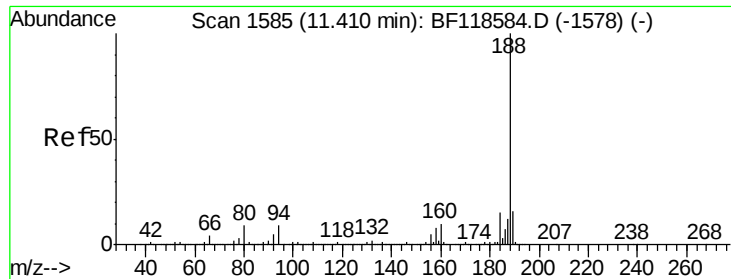
Tot Ion:172 Resp: 2502425
Ion Ratio Lower Upper
172 100
171 38.1 33.4 50.2
170 25.4 23.2 34.8



#50
Dimethylphthalate
Concen: 4.535 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.04 min
Lab File: BF118709.D
Acq: 25 Jan 2020 4:30

Tgt Ion:163 Resp: 133262
Ion Ratio Lower Upper
163 100
194 4.8 3.9 5.9
164 9.2 9.1 13.7

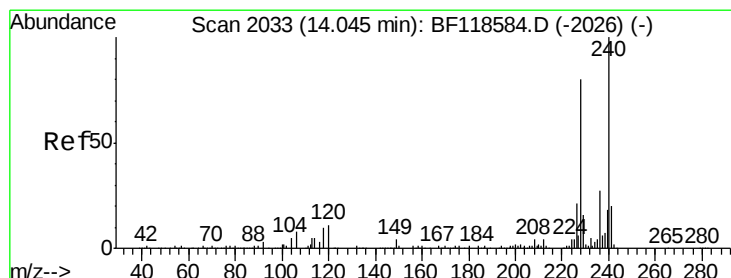
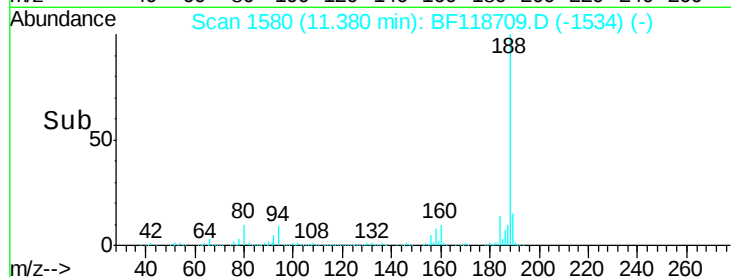
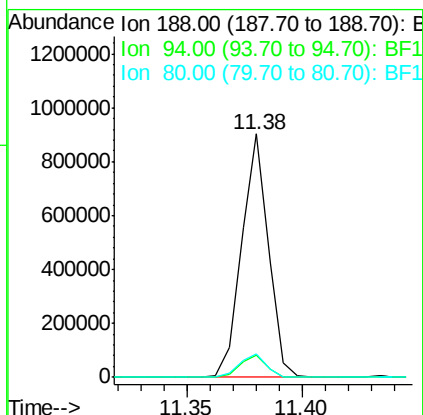
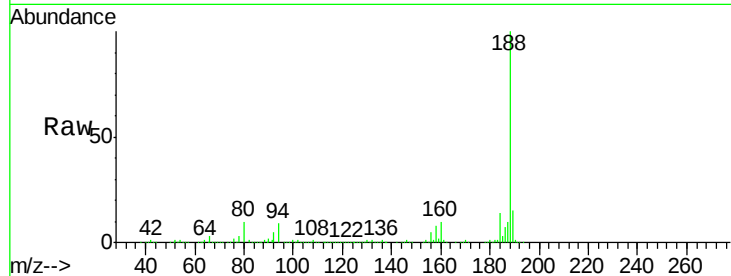




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BF118709.D
Acq: 25 Jan 2020 4:30

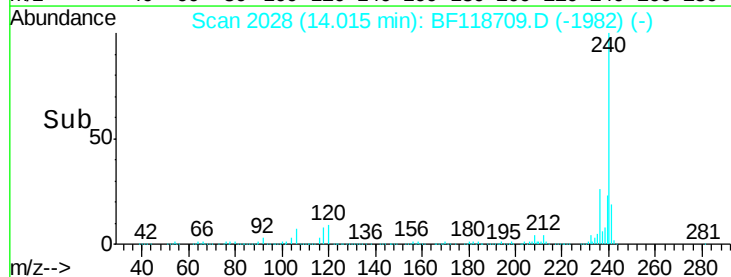
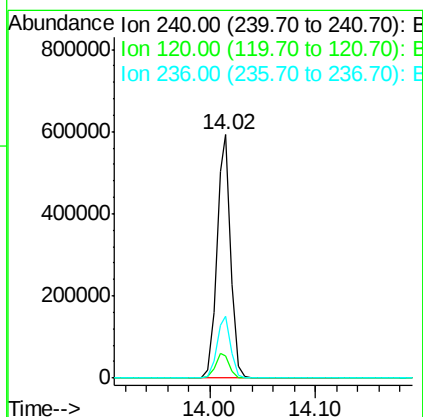
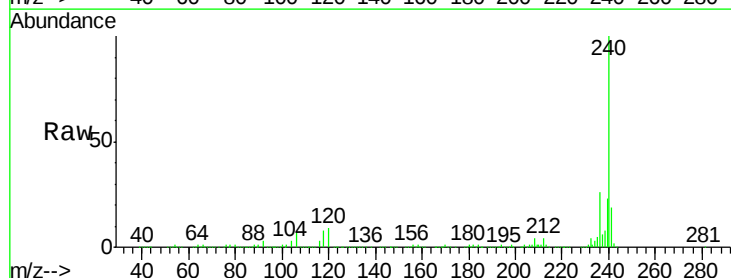
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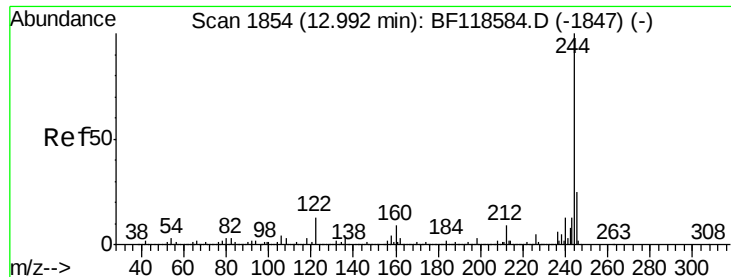
Tot Ion:188 Resp: 729387
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 9.7 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.03 min
Lab File: BF118709.D
Acq: 25 Jan 2020 4:30

Tgt Ion:240 Resp: 546515
Ion Ratio Lower Upper
240 100
120 9.3 8.9 13.3
236 25.6 21.5 32.3





#79

Terphenyl-d14

Concen: 96.477 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.03 min

Lab File: BF118709.D

Acq: 25 Jan 2020 4:30

Instrument :

BNA_F

ClientSampleId :

0049-DECANT-H2O-COMP-1

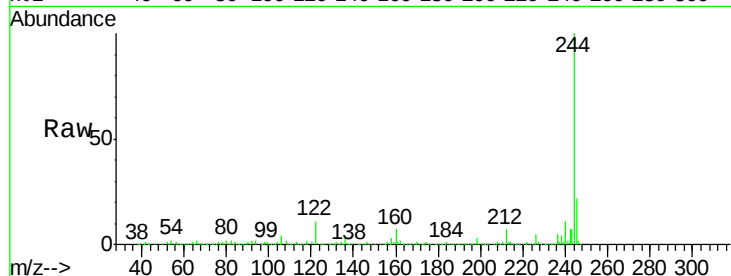
Tot Ion:244 Resp: 2417409

Ion Ratio Lower Upper

244 100

212 7.3 7.0 10.4

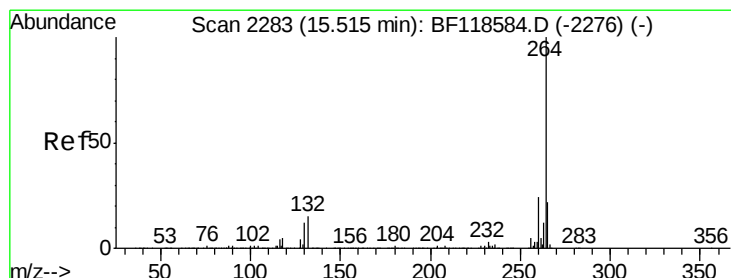
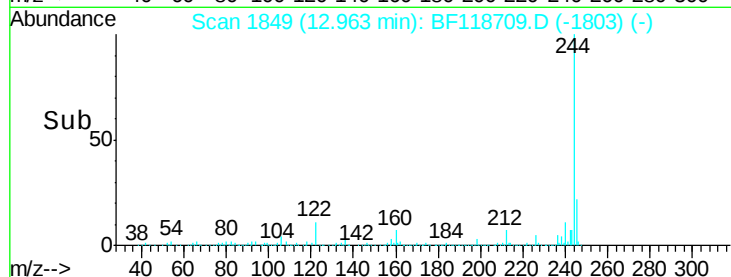
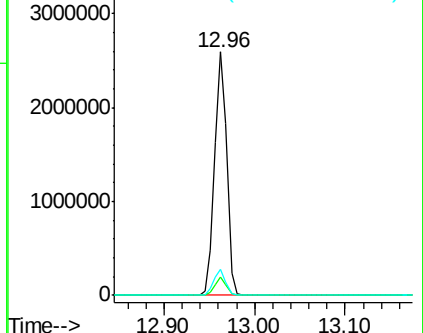
122 10.8 10.7 16.1



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: BF118709.D

Acq: 25 Jan 2020 4:30

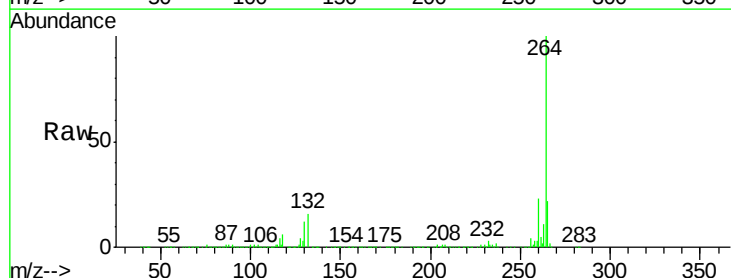
Tgt Ion:264 Resp: 672150

Ion Ratio Lower Upper

264 100

260 23.4 19.6 29.4

265 21.9 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

