

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118606.D
 Acq On : 20 Jan 2020 22:16
 Operator : CG/JU
 Sample : L1154-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B4-0-15

Quant Time: Jan 21 03:00:42 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

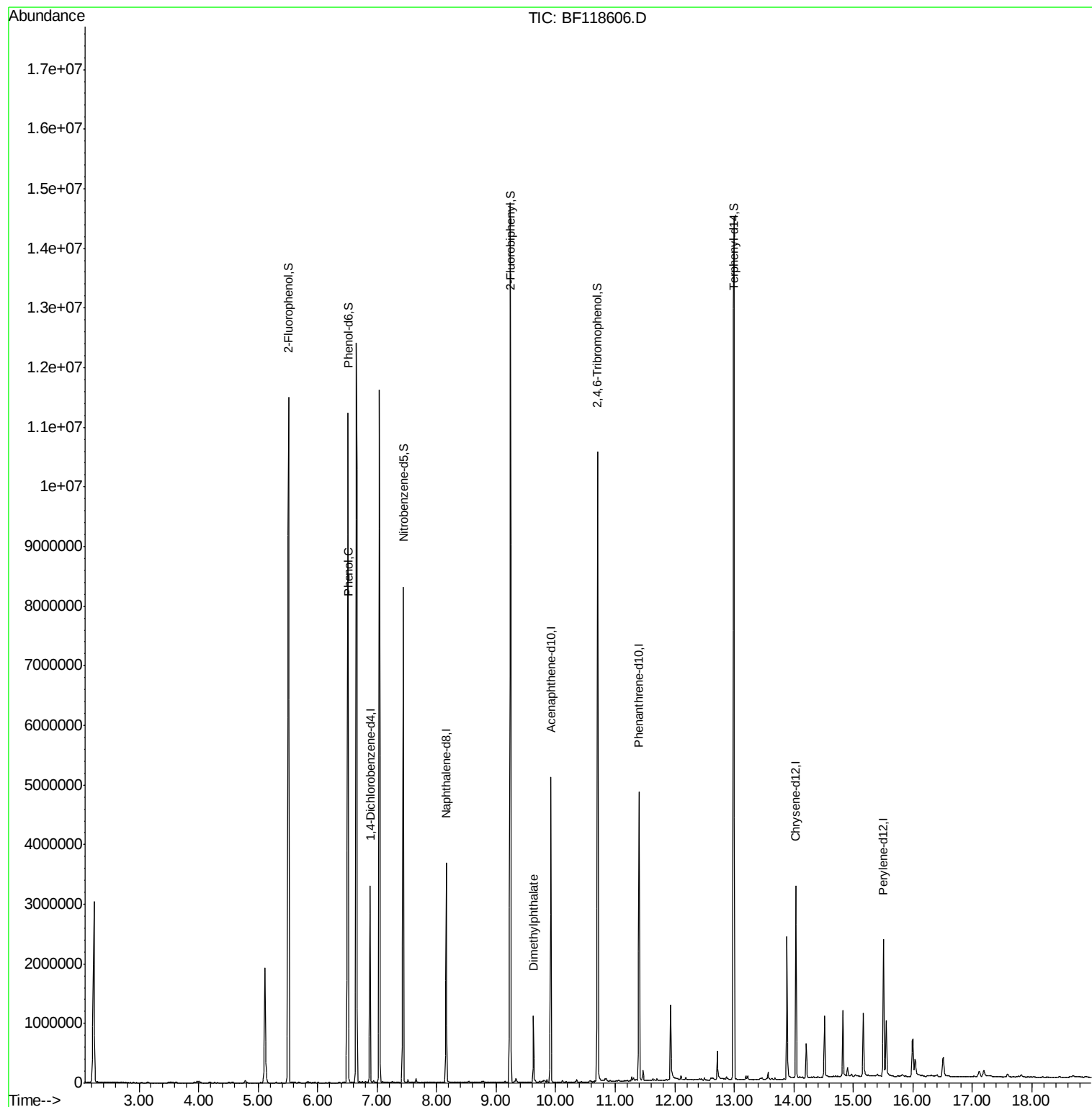
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	492123	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1787089	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	1012883	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1772787	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	1037614	20.00	ng	-0.01
87) Perylene-d12	15.50	264	1117148	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	3652345	137.84	ng	0.01
7) Phenol-d6	6.51	99	4858546	141.07	ng	0.00
23) Nitrobenzene-d5	7.44	82	3087999	96.65	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	1646952	140.58	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	5239681	85.02	ng	0.00
79) Terphenyl-d14	12.99	244	5181634	108.92	ng	0.00
Target Compounds						
10) Phenol	6.52	94	200453	5.107	ng	94
50) Dimethylphthalate	9.63	163	423452	6.417	ng	97

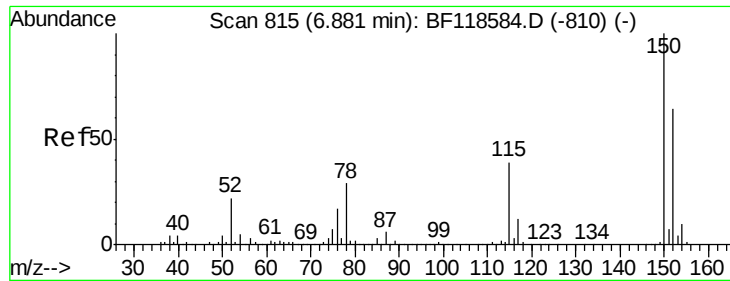
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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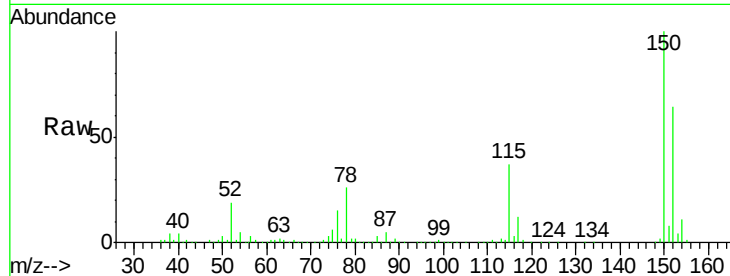


#1

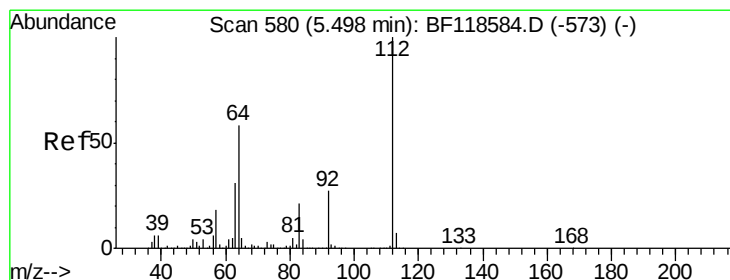
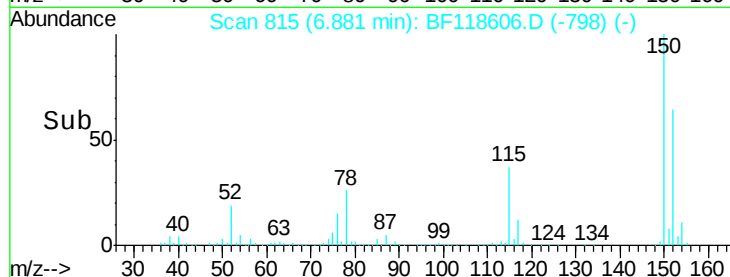
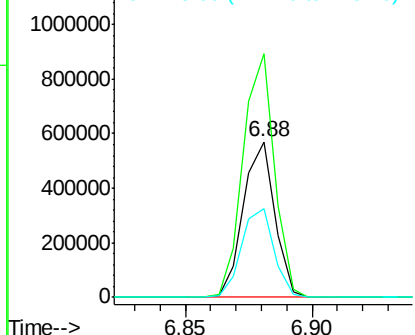
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118606.D
Acq: 20 Jan 2020 22:16

Instrument :
BNA_F
ClientSampleId :
B4-0-15

Tot Ion:152 Resp: 492123
Ion Ratio Lower Upper
152 100
150 156.3 125.6 188.4
115 57.1 48.4 72.6



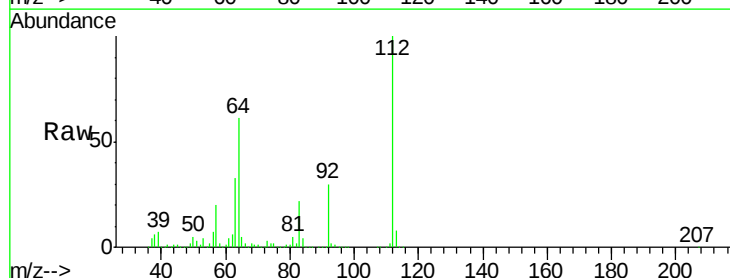
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



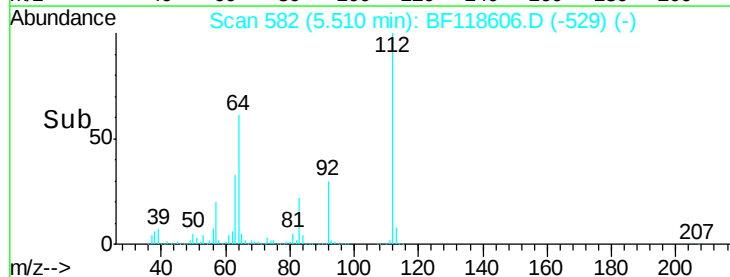
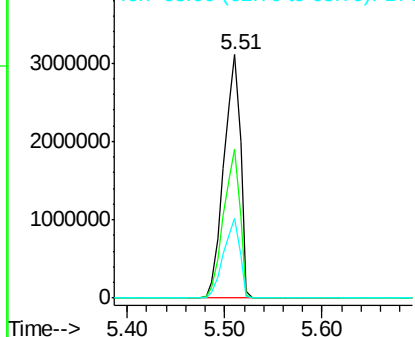
#5

2-Fluorophenol
Concen: 137.838 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF118606.D
Acq: 20 Jan 2020 22:16

Tgt Ion:112 Resp: 3652345
Ion Ratio Lower Upper
112 100
64 61.2 46.6 70.0
63 32.7 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: 141.074 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118606.D

Acq: 20 Jan 2020 22:16

Instrument :

BNA_F

ClientSampleId :

B4-0-15

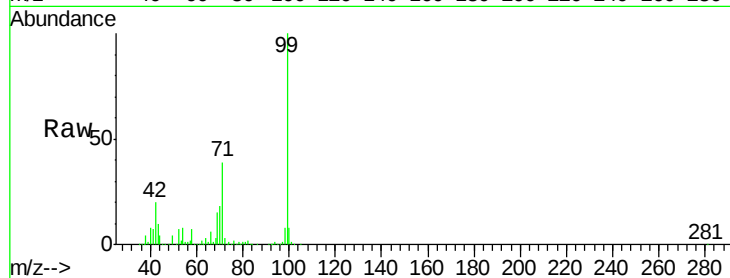
Tot Ion: 99 Resp: 4858546

Ion Ratio Lower Upper

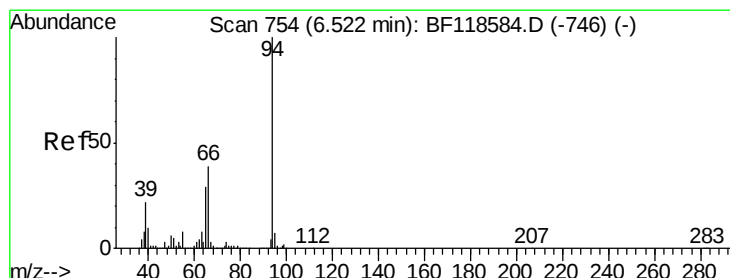
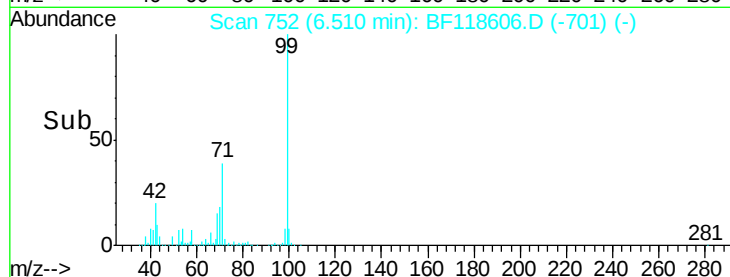
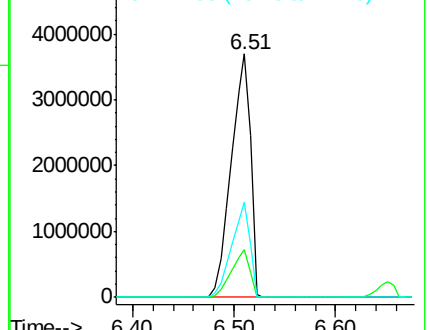
99 100

42 19.7 14.2 21.2

71 38.9 27.8 41.6



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: 5.107 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF118606.D

Acq: 20 Jan 2020 22:16

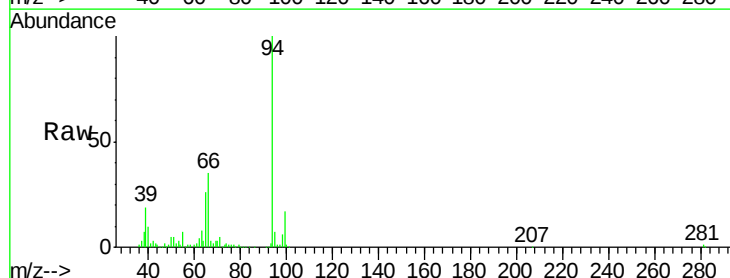
Tgt Ion: 94 Resp: 200453

Ion Ratio Lower Upper

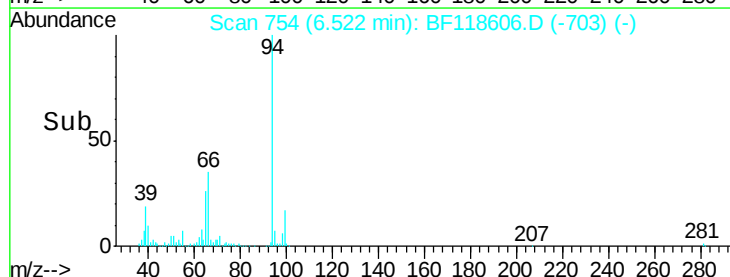
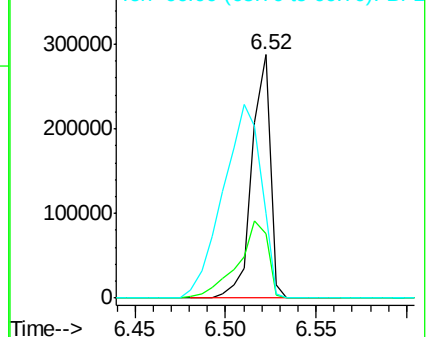
94 100

65 26.2 9.5 49.5

66 34.8 18.5 58.5



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

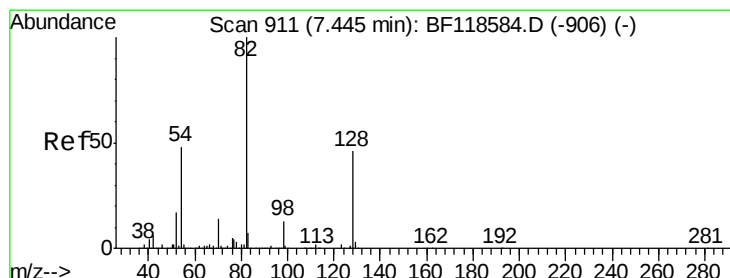
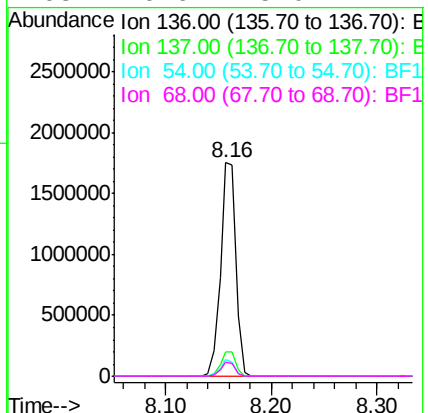
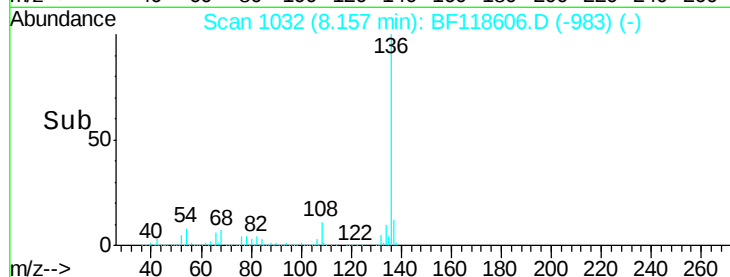
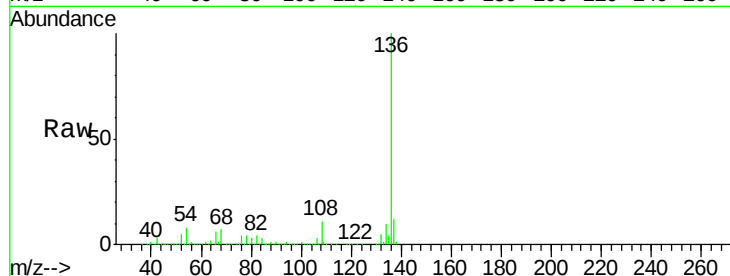




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118606.D
Acq: 20 Jan 2020 22:16

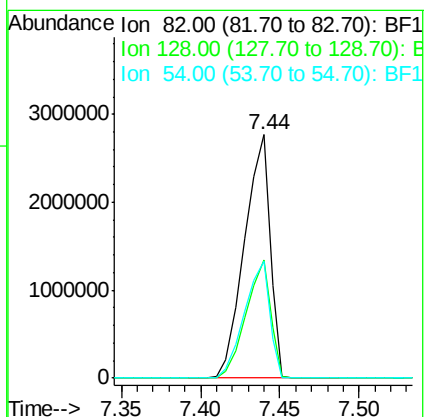
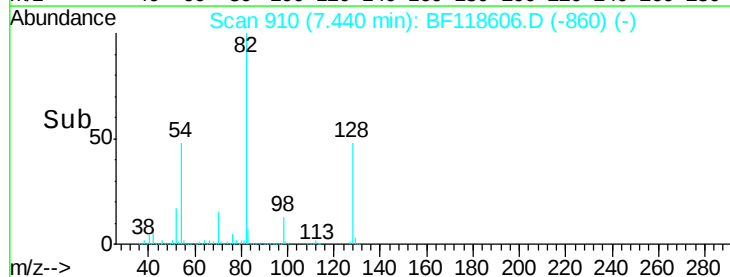
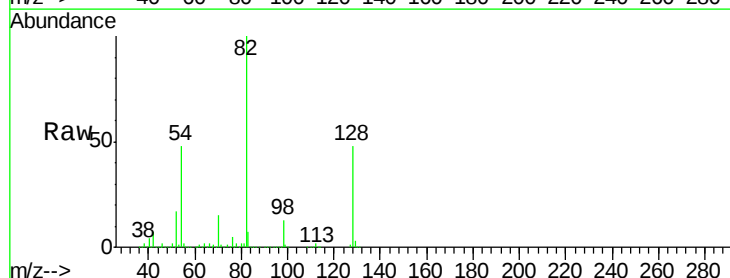
Instrument :
BNA_F
ClientSampleId :
B4-0-15

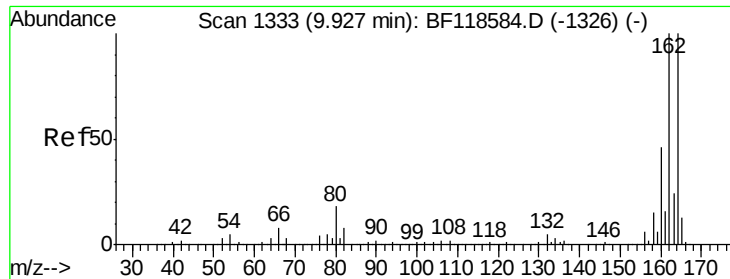
Tot Ion:136 Resp: 1787089
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 7.9 5.8 8.6
68 6.6 5.0 7.4



#23
Nitrobenzene-d5
Concen: 96.651 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118606.D
Acq: 20 Jan 2020 22:16

Tgt Ion: 82 Resp: 3087999
Ion Ratio Lower Upper
82 100
128 48.4 36.6 54.8
54 48.2 38.0 57.0

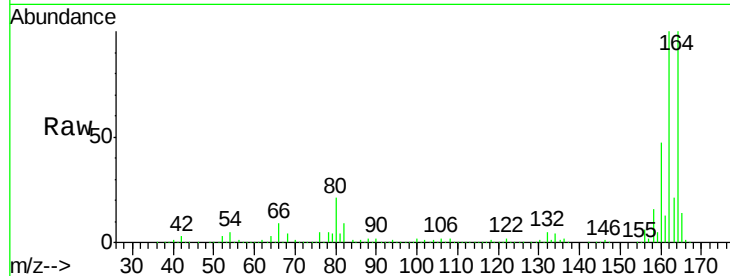




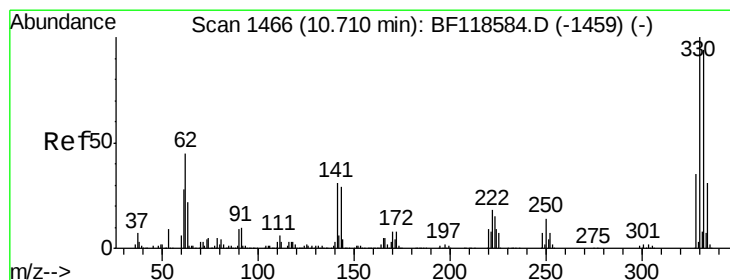
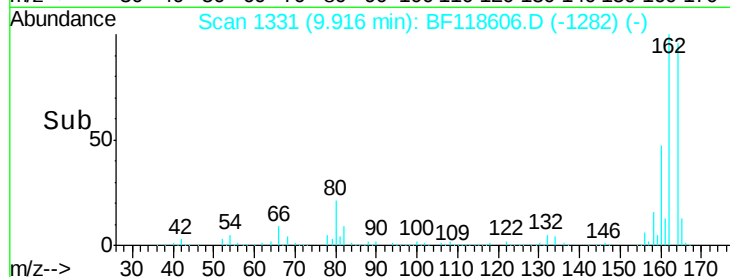
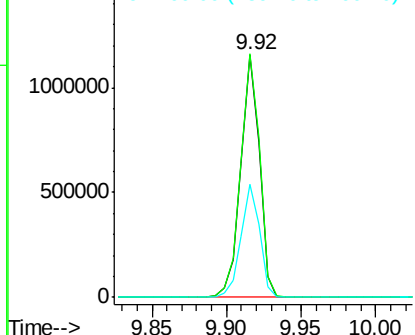
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118606.D
Acq: 20 Jan 2020 22:16

Instrument :
BNA_F
ClientSampleId :
B4-0-15

Tot Ion:164 Resp: 1012883
Ion Ratio Lower Upper
164 100
162 100.3 80.4 120.6
160 46.7 36.6 55.0

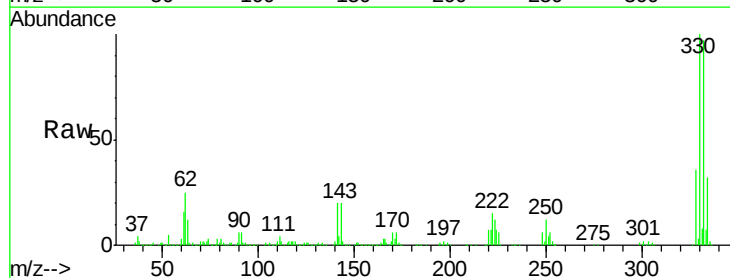


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

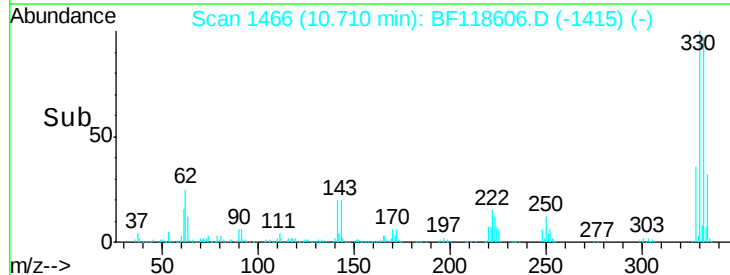
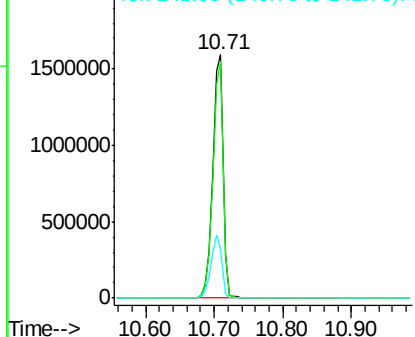


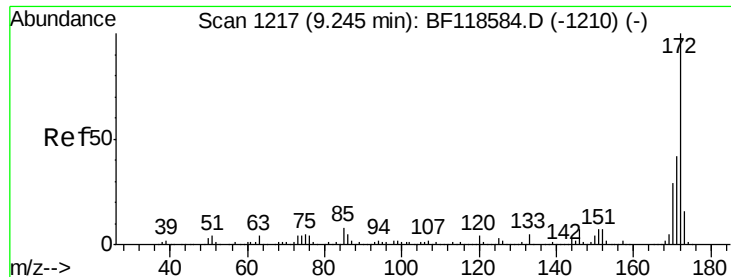
#42
2,4,6-Tribromophenol
Concen: 140.581 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF118606.D
Acq: 20 Jan 2020 22:16

Tgt Ion:330 Resp: 1646952
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 27.3 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



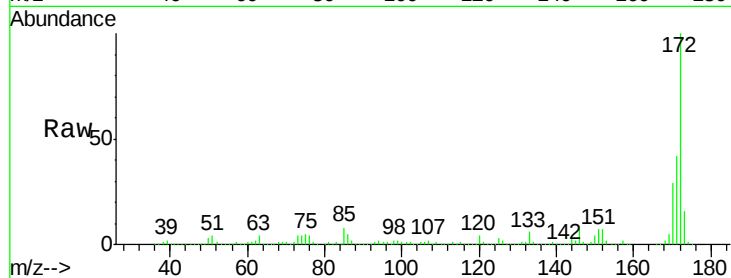


#45
 2-Fluorobiphenyl
 Concen: 85.025 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF118606.D
 Acq: 20 Jan 2020 22:16

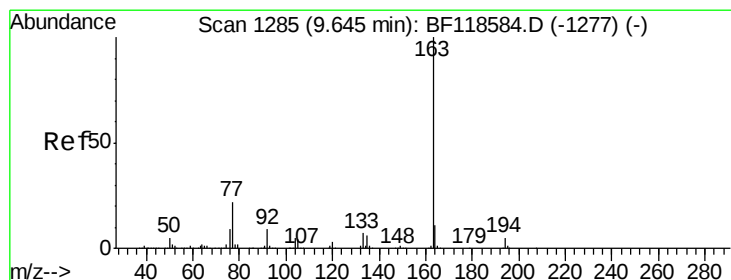
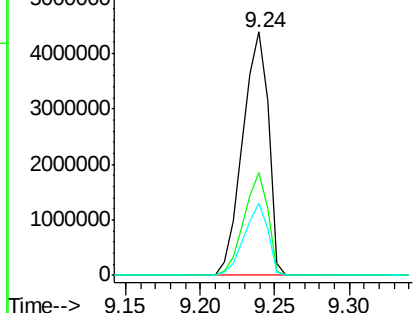
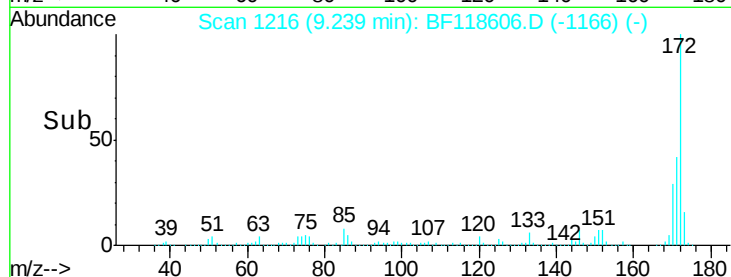
Instrument :
 BNA_F
 ClientSampled :
 B4-0-15

Tot Ion:172 Resp: 5239681

Ion	Ratio	Lower	Upper
172	100		
171	42.3	33.4	50.2
170	29.4	23.2	34.8



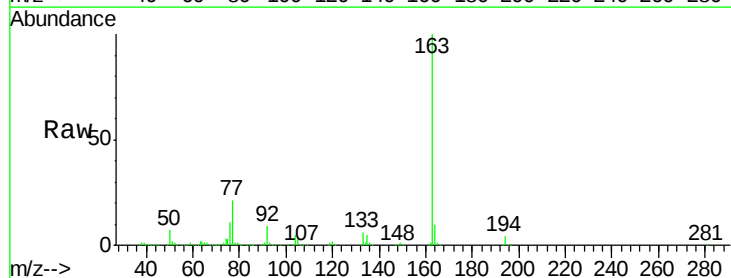
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



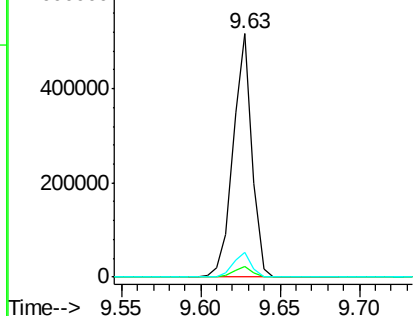
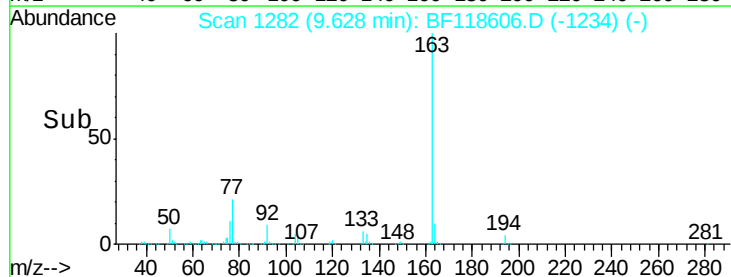
#50
 Dimethylphthalate
 Concen: 6.417 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.02 min
 Lab File: BF118606.D
 Acq: 20 Jan 2020 22:16

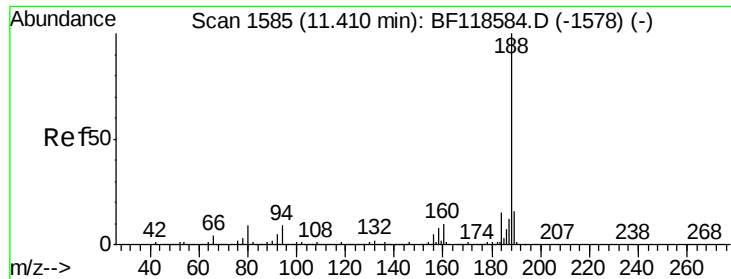
Tgt Ion:163 Resp: 423452

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.9	5.9
164	9.9	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

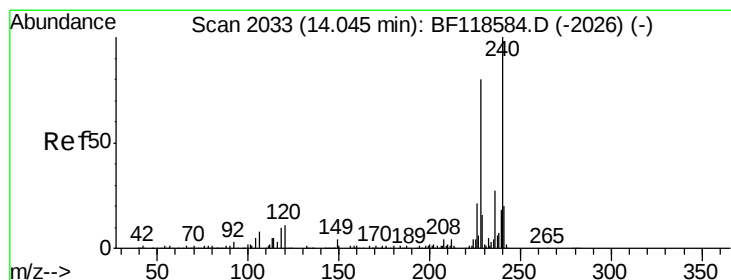
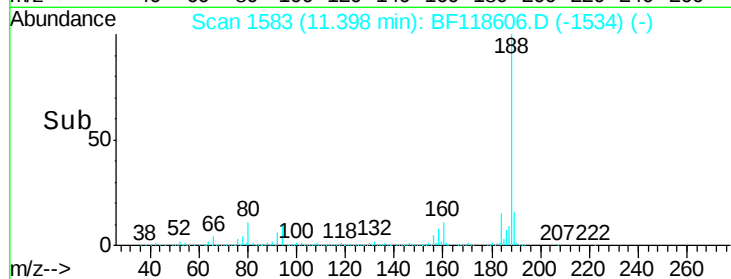
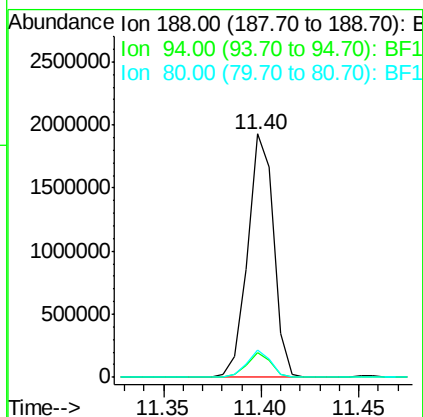
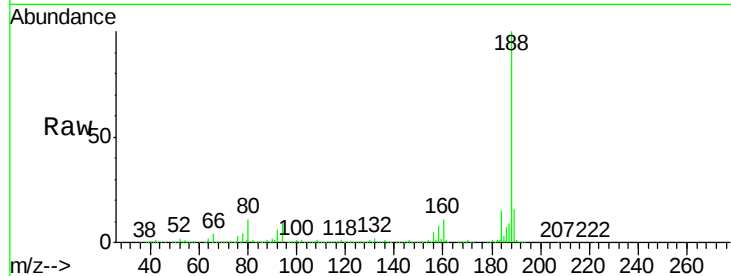




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118606.D
Acq: 20 Jan 2020 22:16

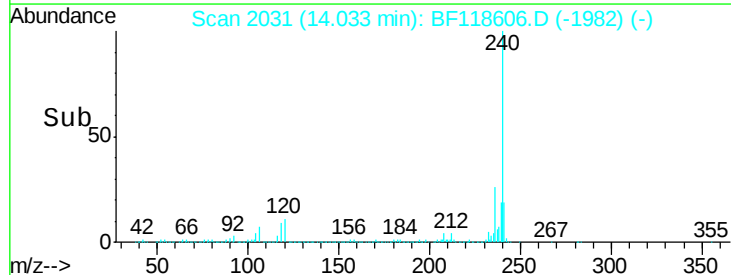
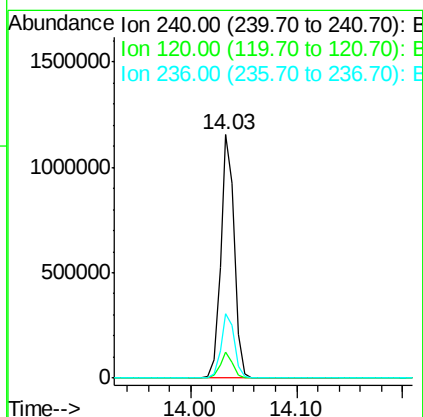
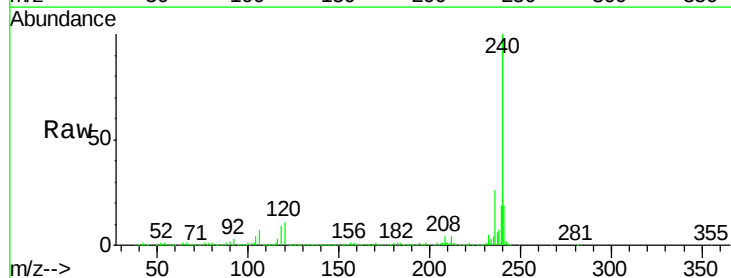
Instrument :
BNA_F
ClientSampled :
B4-0-15

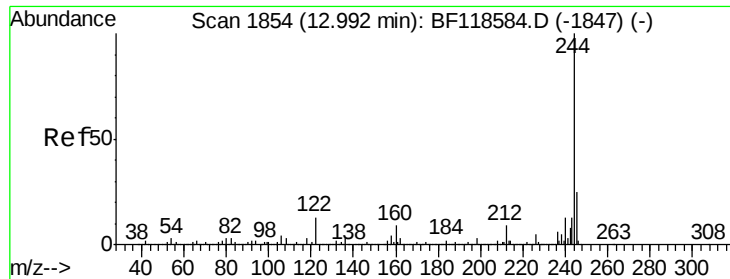
Tot Ion:188 Resp: 1772787
Ion Ratio Lower Upper
188 100
94 10.0 7.1 10.7
80 11.0 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118606.D
Acq: 20 Jan 2020 22:16

Tgt Ion:240 Resp: 1037614
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 26.5 21.5 32.3





#79

Terphenyl-d14

Concen: 108.919 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF118606.D

Acq: 20 Jan 2020 22:16

Instrument :

BNA_F

ClientSampleId :

B4-0-15

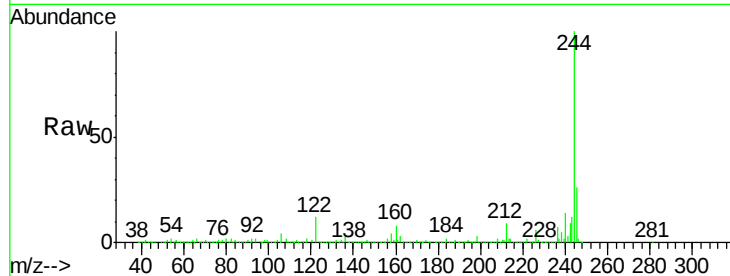
Tot Ion:244 Resp: 5181634

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.4

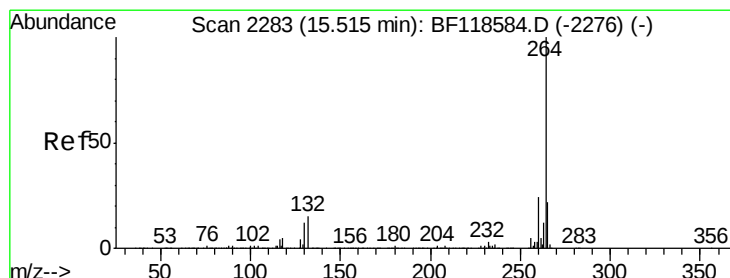
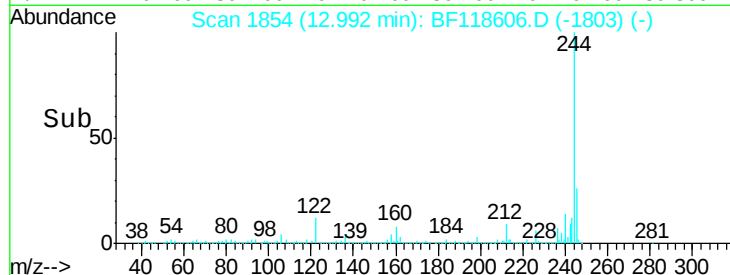
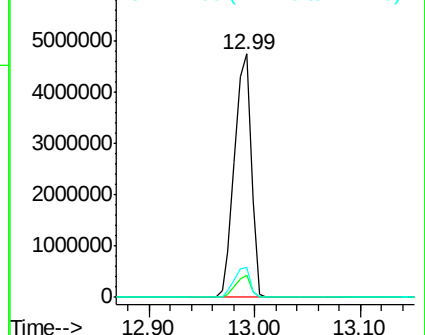
122 12.5 10.7 16.1



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: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF118606.D

Acq: 20 Jan 2020 22:16

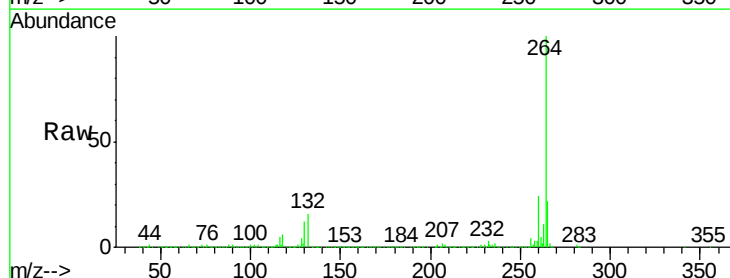
Tgt Ion:264 Resp: 1117148

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

265 21.7 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

