

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
 Data File : BG040287.D
 Acq On : 2 Apr 2019 6:27
 Operator : JU/SJ
 Sample : K2179-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4S

Quant Time: Apr 02 09:17:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

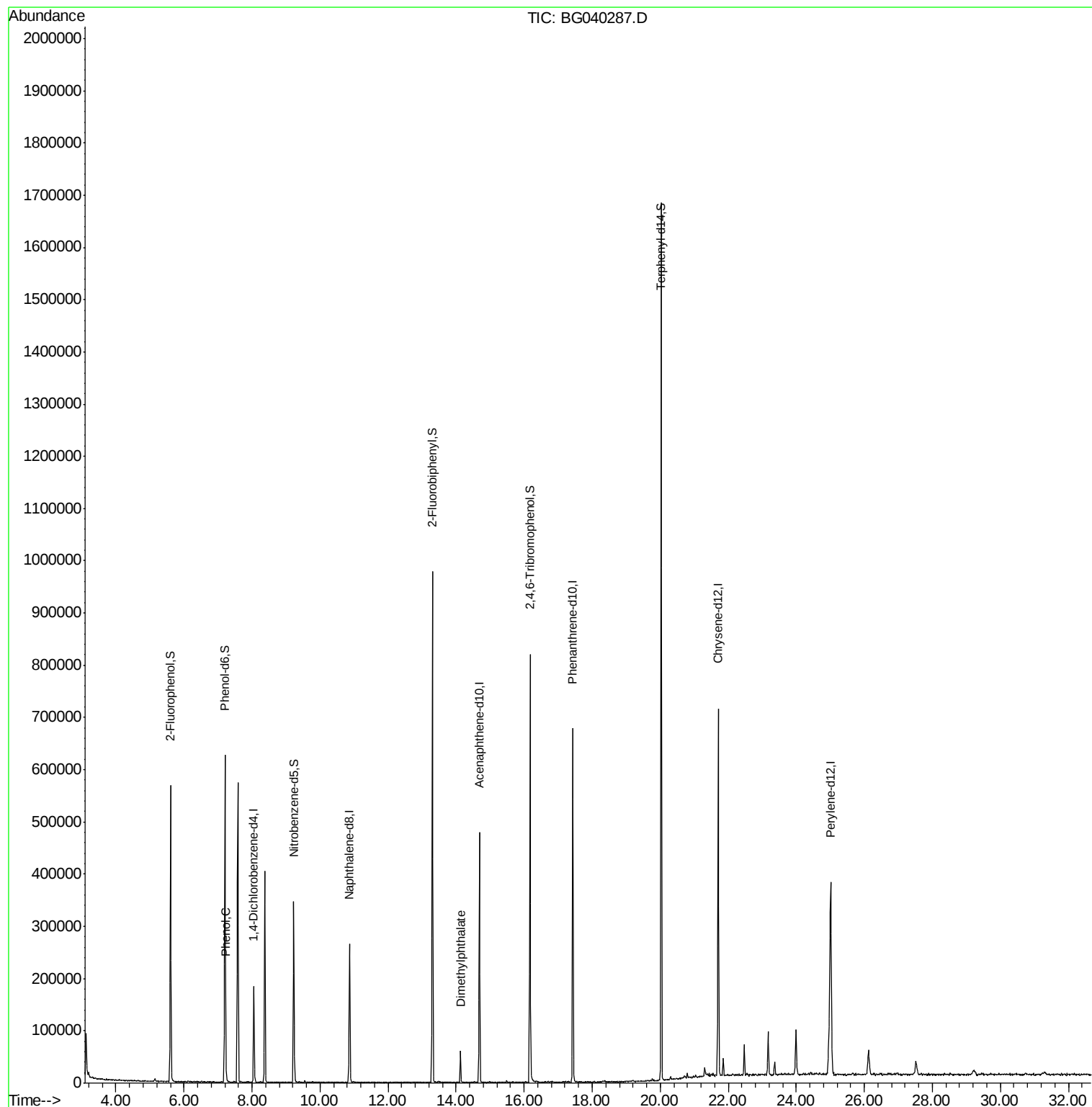
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	52195	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	234885	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	169878	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	421858	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	417200	20.00	ng	-0.02
87) Perylene-d12	25.01	264	410454	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	252641	80.47	ng	-0.01
7) Phenol-d6	7.21	99	369999	85.27	ng	-0.02
23) Nitrobenzene-d5	9.23	82	208899	47.27	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	146457	79.77	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	517310	45.12	ng	-0.02
79) Terphenyl-d14	20.03	244	837048	45.14	ng	-0.02
Target Compounds						
10) Phenol	7.23	94	11717	2.488	ng	Qvalue 84
50) Dimethylphthalate	14.13	163	41450	3.118	ng	98

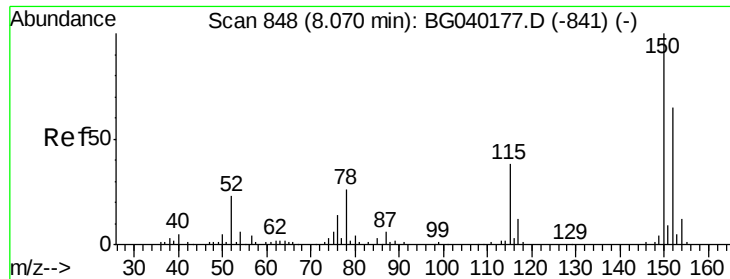
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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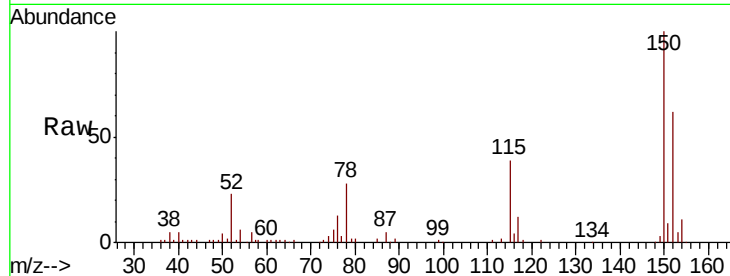


#1

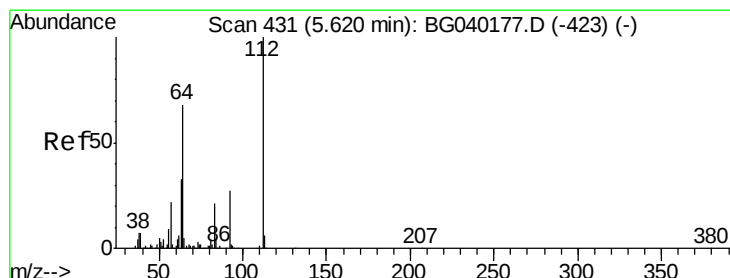
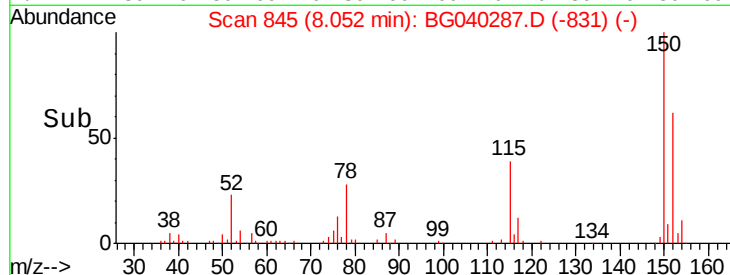
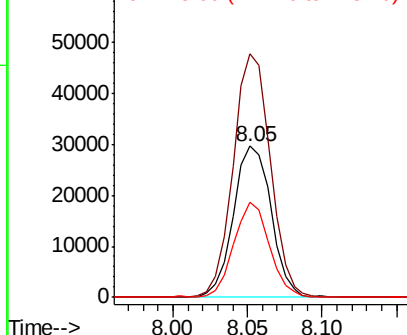
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040287.D
Acq: 2 Apr 2019 6:27

Instrument :
BNA_G
ClientSampleId :
TP-4S

Tgt Ion:152 Resp: 52195
Ion Ratio Lower Upper
152 100
150 161.4 123.7 185.5
115 63.3 46.9 70.3



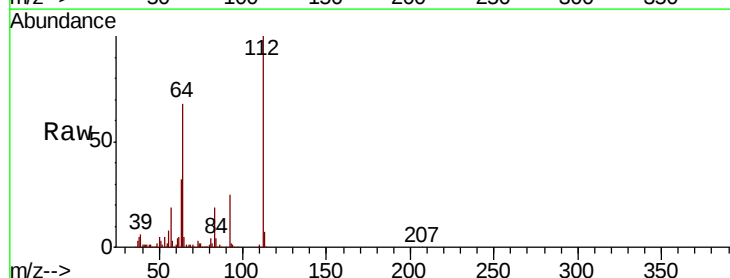
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



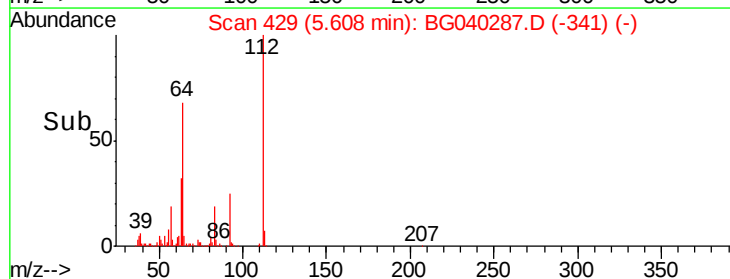
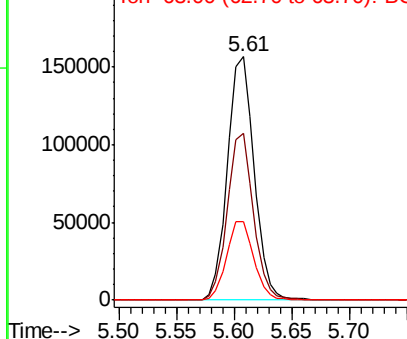
#5

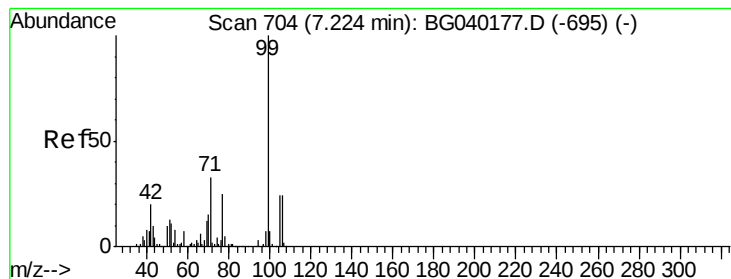
2-Fluorophenol
Concen: 80.466 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040287.D
Acq: 2 Apr 2019 6:27

Tgt Ion:112 Resp: 252641
Ion Ratio Lower Upper
112 100
64 68.5 54.2 81.2
63 32.1 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 85.270 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040287.D

Acq: 2 Apr 2019 6:27

Instrument :

BNA_G

ClientSampleId :

TP-4S

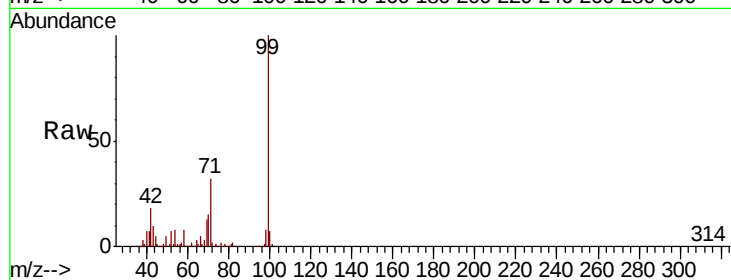
Tgt Ion: 99 Resp: 369999

Ion Ratio Lower Upper

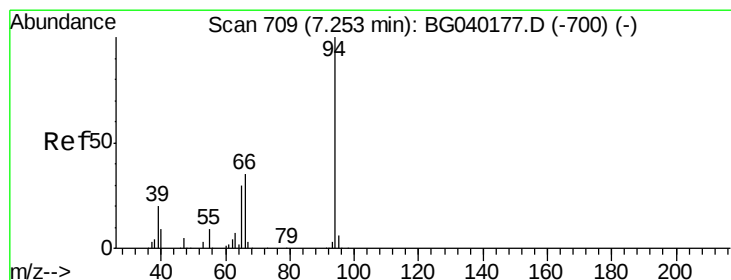
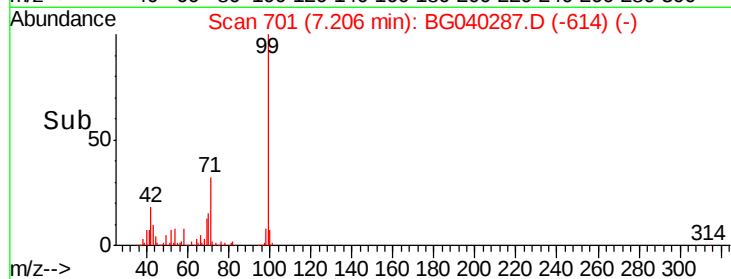
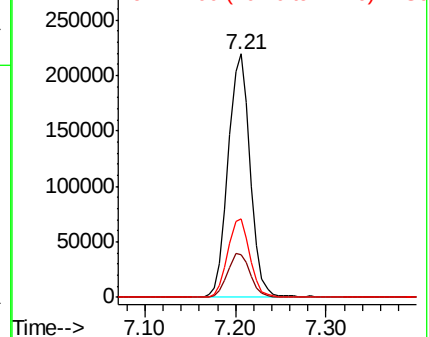
99 100

42 17.7 16.2 24.2

71 32.5 26.8 40.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.488 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040287.D

Acq: 2 Apr 2019 6:27

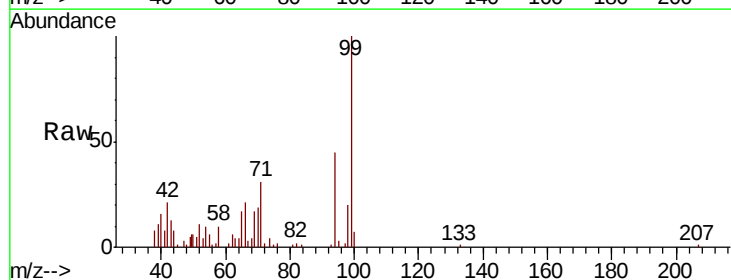
Tgt Ion: 94 Resp: 11717

Ion Ratio Lower Upper

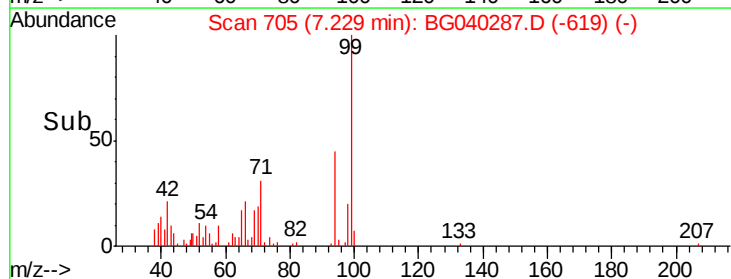
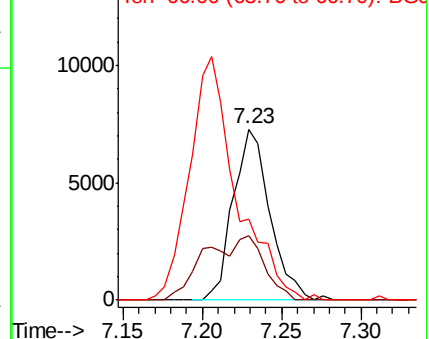
94 100

65 37.8 10.5 50.5

66 47.2 16.9 56.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

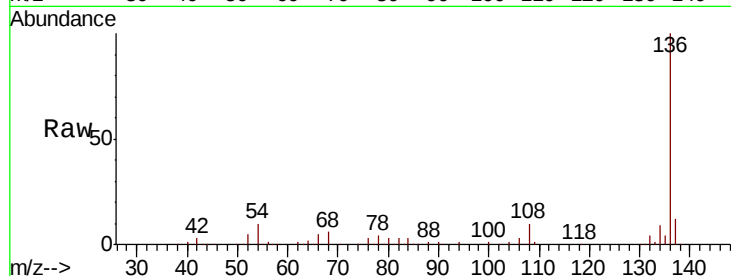




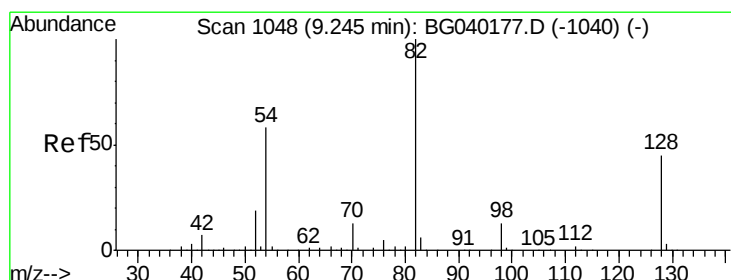
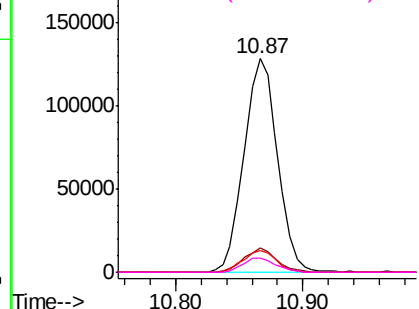
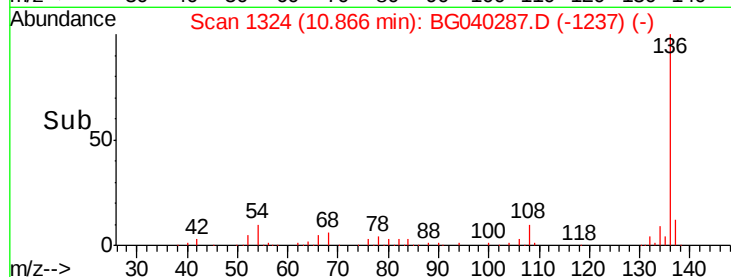
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040287.D
Acq: 2 Apr 2019 6:27

Instrument :
BNA_G
ClientSampleId :
TP-4S

Tgt Ion:	136	Resp:	234885
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.9	13.3
54	9.9	9.6	14.4
68	6.4	5.1	7.7

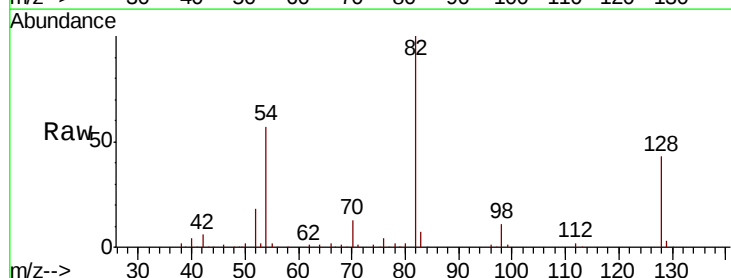


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

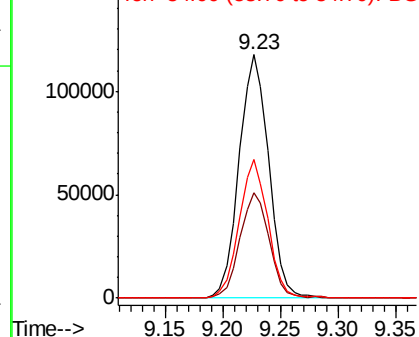
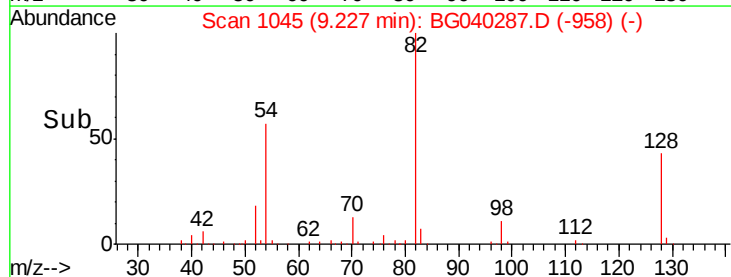


#23
Nitrobenzene-d5
Concen: 47.273 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040287.D
Acq: 2 Apr 2019 6:27

Tgt Ion:	82	Resp:	208899
Ion Ratio	Lower	Upper	
82	100		
128	43.2	35.8	53.8
54	57.1	46.2	69.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
150000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040287.D

Acq: 2 Apr 2019 6:27

Instrument :

BNA_G

ClientSampleId :

TP-4S

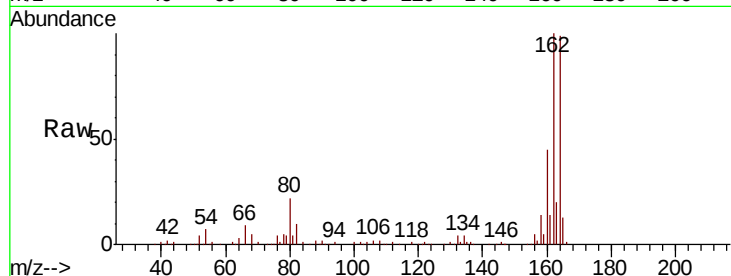
Tgt Ion:164 Resp: 169878

Ion Ratio Lower Upper

164 100

162 101.5 77.4 116.2

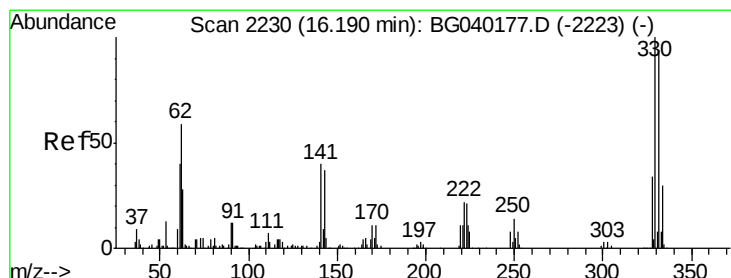
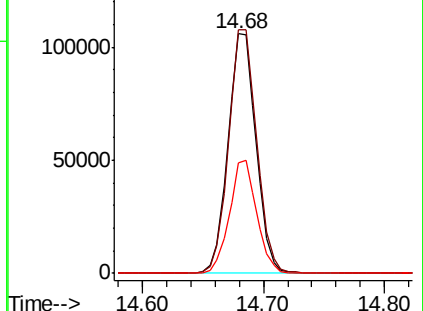
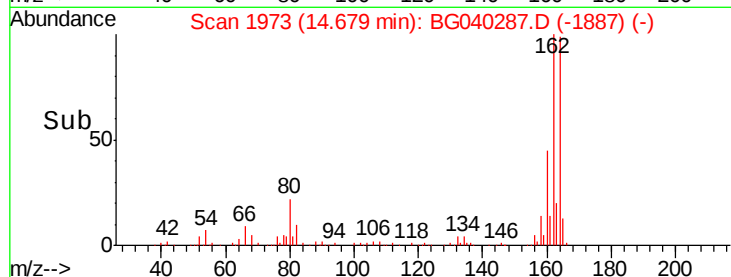
160 46.0 35.3 52.9



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: 79.772 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG040287.D

Acq: 2 Apr 2019 6:27

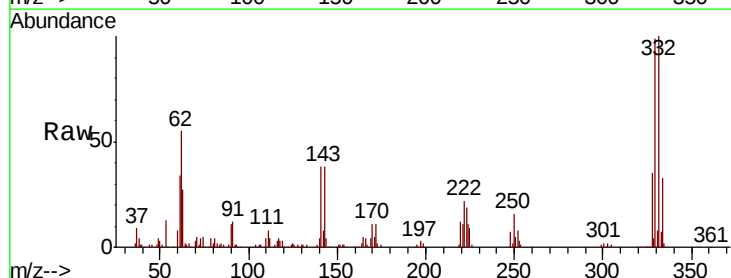
Tgt Ion:330 Resp: 146457

Ion Ratio Lower Upper

330 100

332 99.9 76.6 115.0

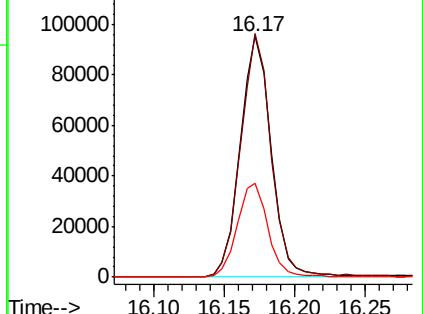
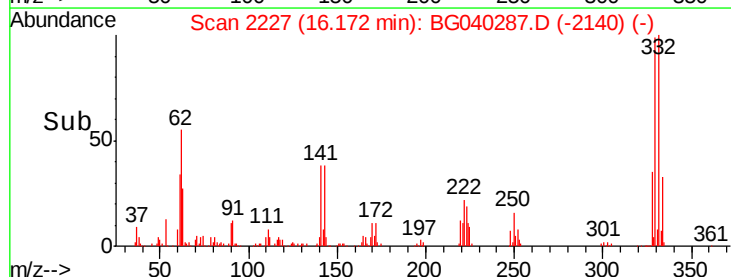
141 39.1 32.6 48.8

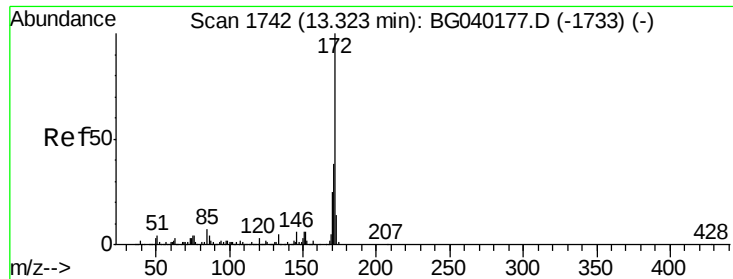


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

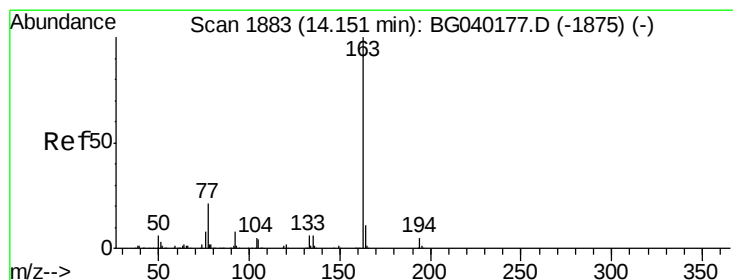
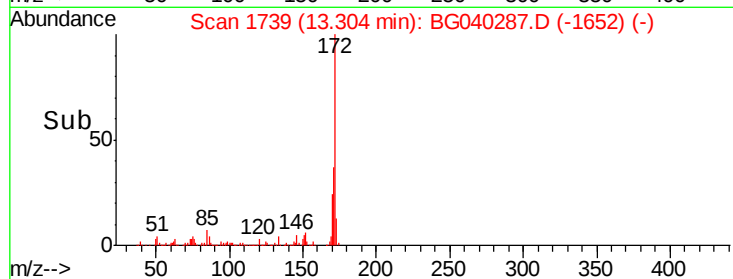
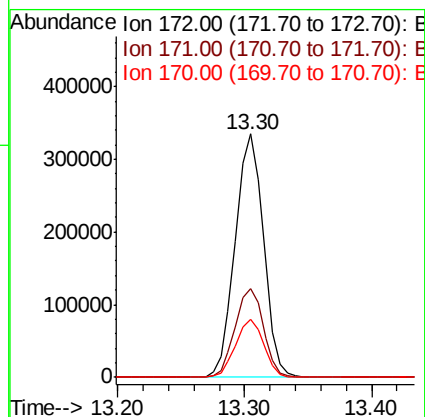
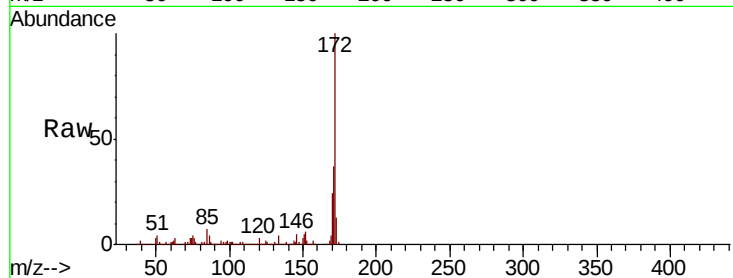




#45
 2-Fluorobiphenyl
 Concen: 45.122 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG040287.D
 Acq: 2 Apr 2019 6:27

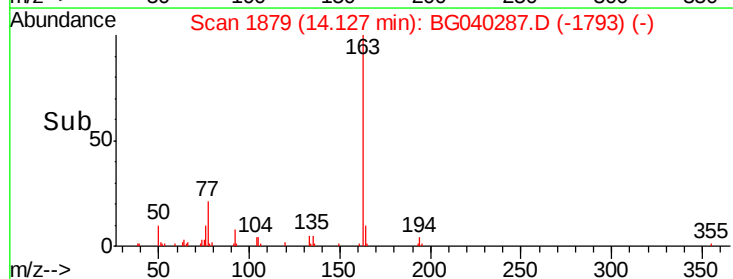
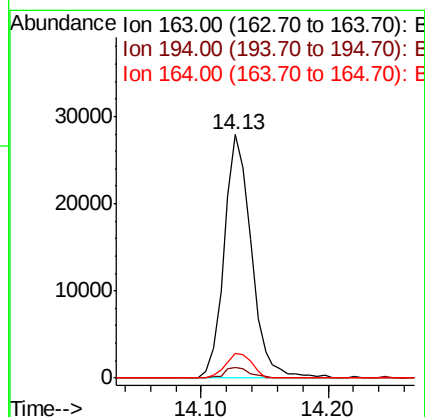
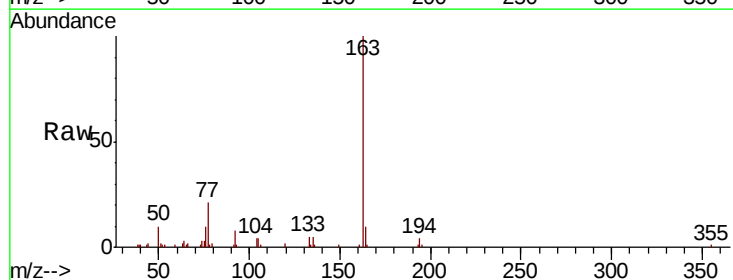
Instrument :
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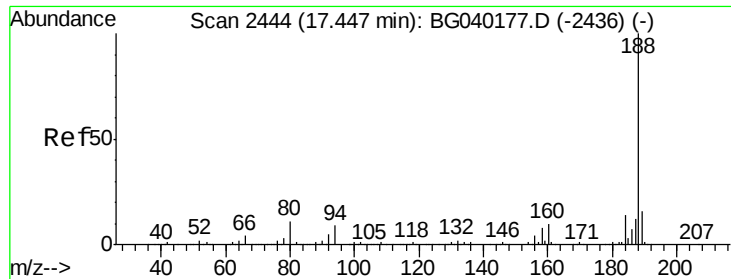
Tgt Ion:172 Resp: 517310
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.5 45.7
 170 23.7 20.1 30.1



#50
 Dimethylphthalate
 Concen: 3.118 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.02 min
 Lab File: BG040287.D
 Acq: 2 Apr 2019 6:27

Tgt Ion:163 Resp: 41450
 Ion Ratio Lower Upper
 163 100
 194 4.3 4.1 6.1
 164 10.4 8.6 13.0

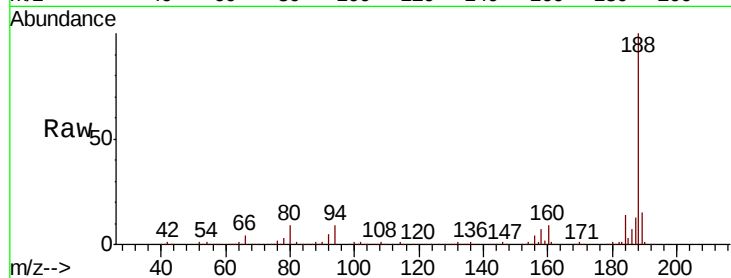




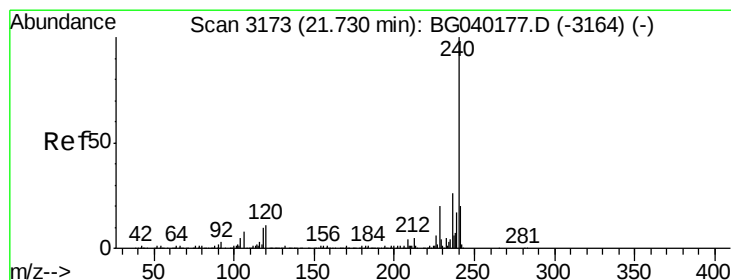
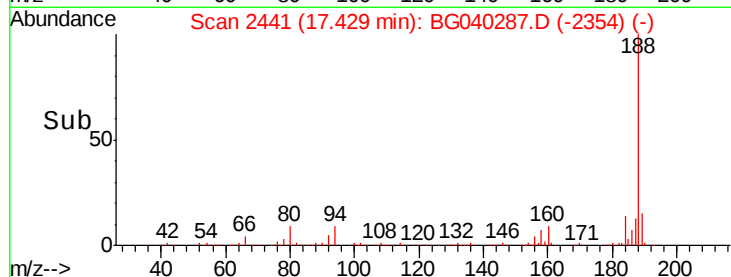
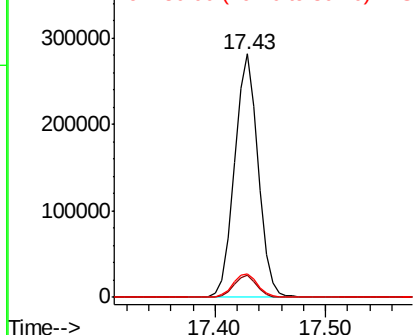
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BG040287.D
Acq: 2 Apr 2019 6:27

Instrument :
BNA_G
ClientSampleId :
TP-4S

Tgt Ion:188 Resp: 421858
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 9.4 8.6 13.0

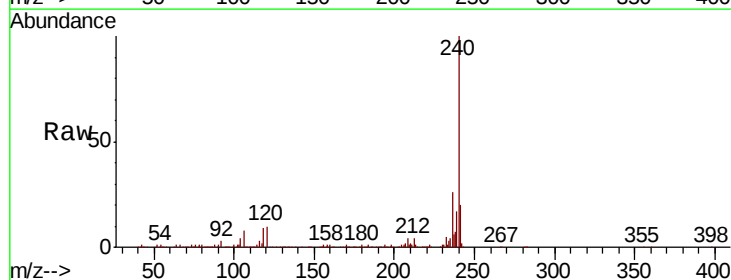


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

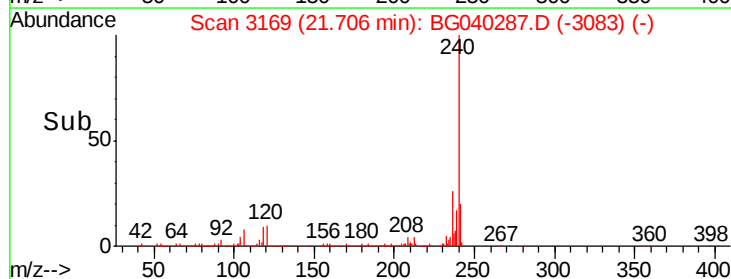
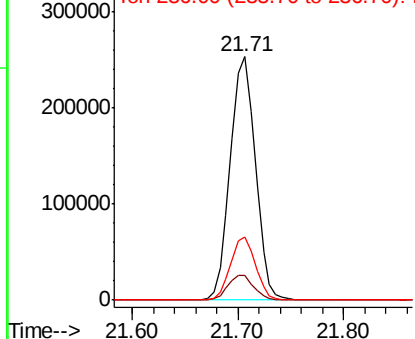


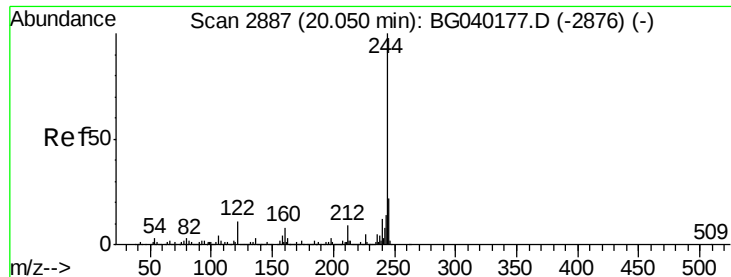
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040287.D
Acq: 2 Apr 2019 6:27

Tgt Ion:240 Resp: 417200
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 26.0 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 45.136 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040287.D

Acq: 2 Apr 2019 6:27

Instrument :

BNA_G

ClientSampleId :

TP-4S

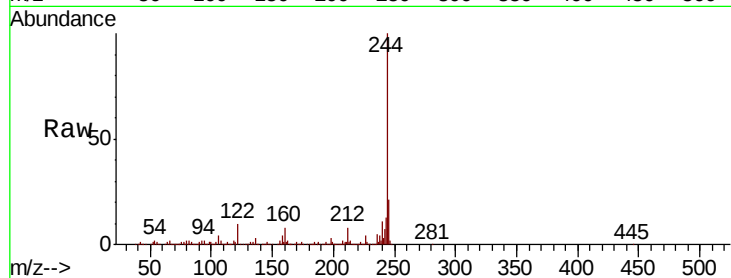
Tgt Ion:244 Resp: 837048

Ion Ratio Lower Upper

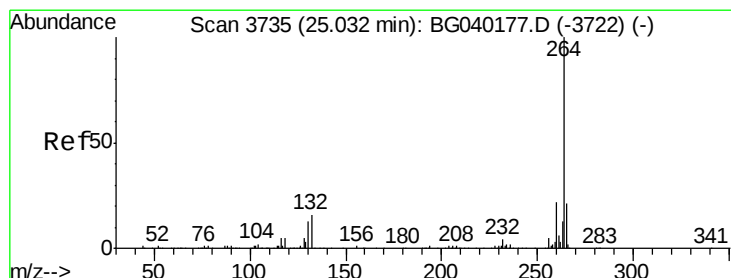
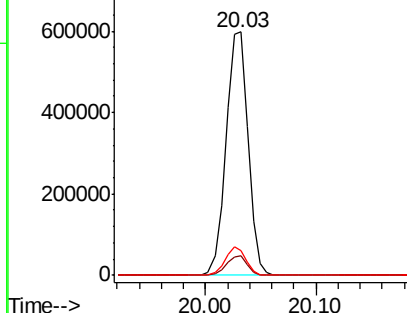
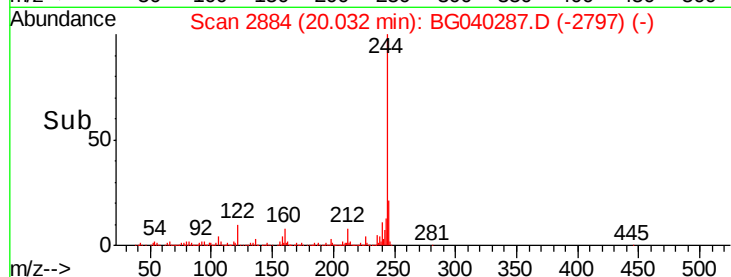
244 100

212 7.9 7.0 10.6

122 10.0 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E
800000 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: 25.01 min Scan# 3731

Delta R.T. -0.02 min

Lab File: BG040287.D

Acq: 2 Apr 2019 6:27

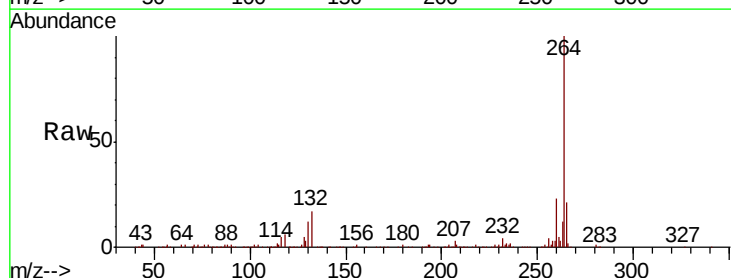
Tgt Ion:264 Resp: 410454

Ion Ratio Lower Upper

264 100

260 23.3 17.9 26.9

265 20.9 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E
150000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

