

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
 Data File : BG042692.D
 Acq On : 3 Sep 2019 17:12
 Operator : HP/JU
 Sample : K4622-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-B1-B4-(0-4)

Quant Time: Sep 04 04:48:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

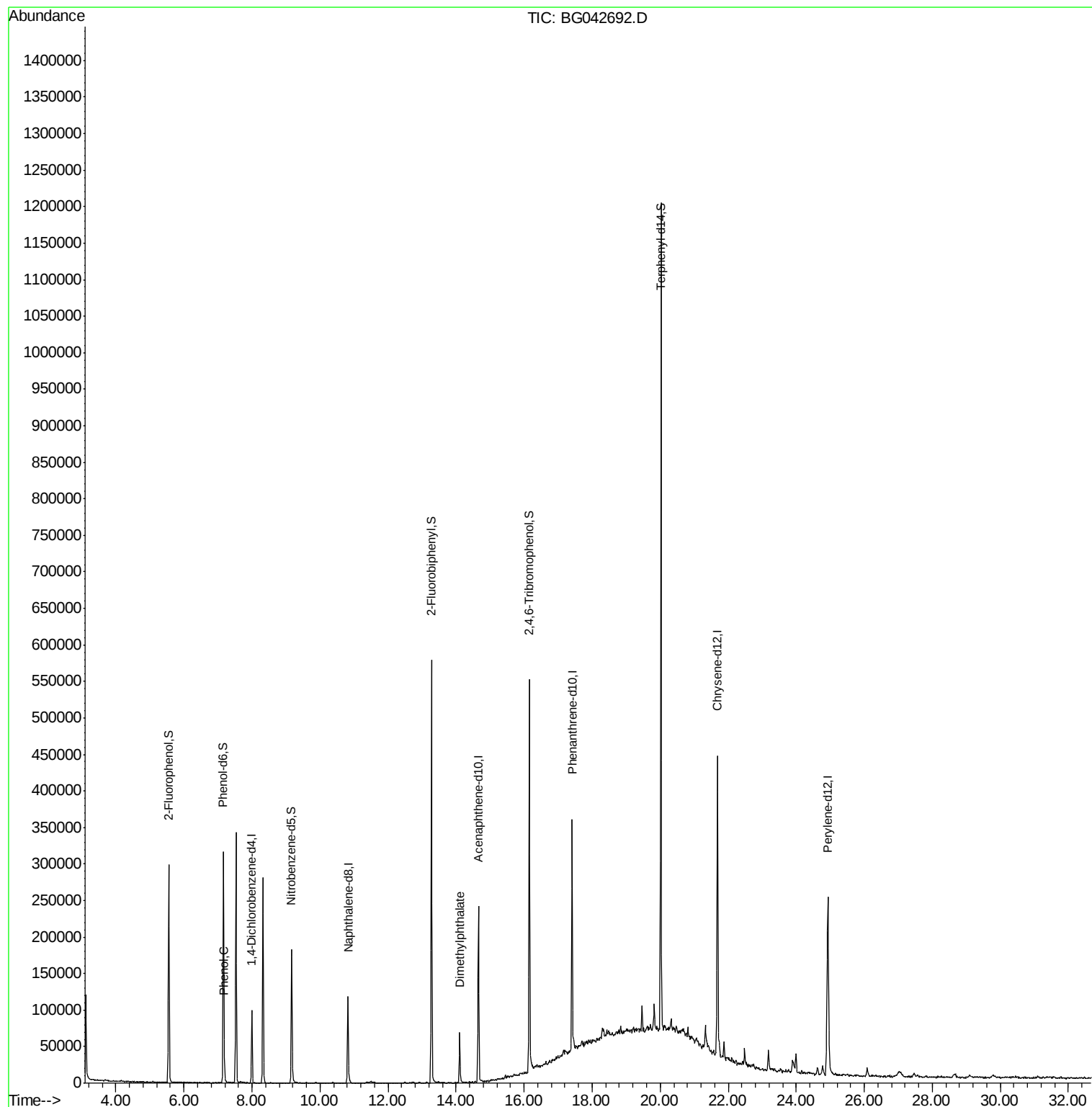
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	33815	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	130420	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	99752	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	231207	20.00	ng	0.00
76) Chrysene-d12	21.68	240	260651	20.00	ng	-0.01
87) Perylene-d12	24.93	264	307357	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	155115	92.90	ng	0.00
7) Phenol-d6	7.16	99	212397	94.18	ng	-0.01
23) Nitrobenzene-d5	9.16	82	126460	67.01	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	146104	103.05	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	360911	61.19	ng	0.00
79) Terphenyl-d14	20.02	244	626829	51.99	ng	0.00
Target Compounds						
10) Phenol	7.19	94	7018	3.061	ng	83
50) Dimethylphthalate	14.10	163	62958	8.747	ng	99

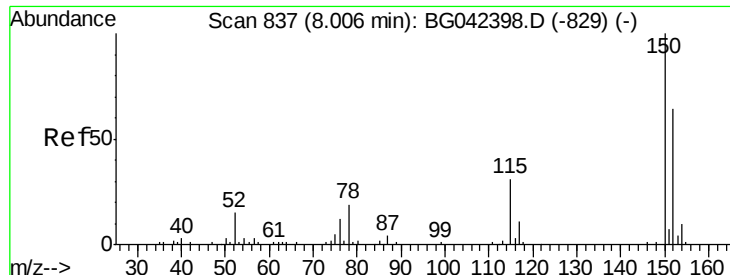
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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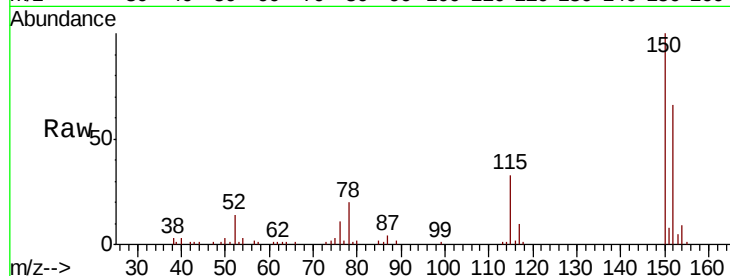


#1

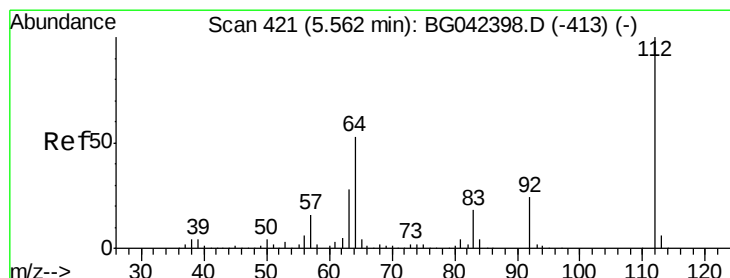
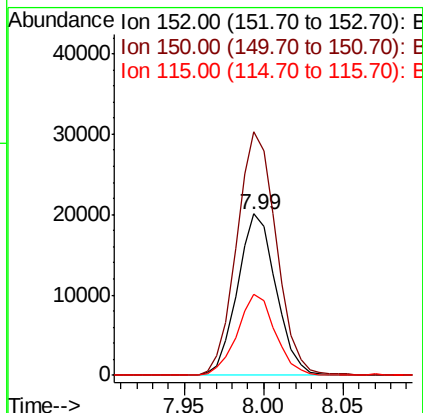
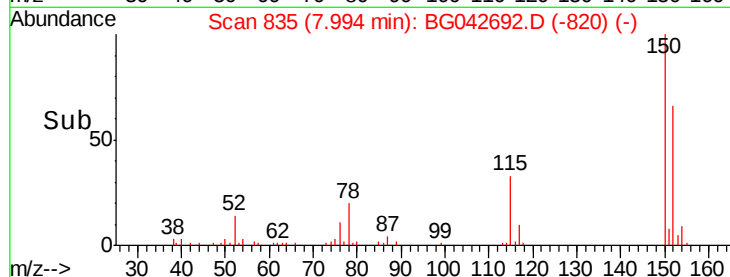
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042692.D
Acq: 3 Sep 2019 17:12

Instrument :
BNA_G
ClientSampleId :
PAR-11-B1-B4-(0-4)

Tot Ion:152 Resp: 33815
Ion Ratio Lower Upper
152 100
150 150.7 125.4 188.0
115 49.8 38.5 57.7



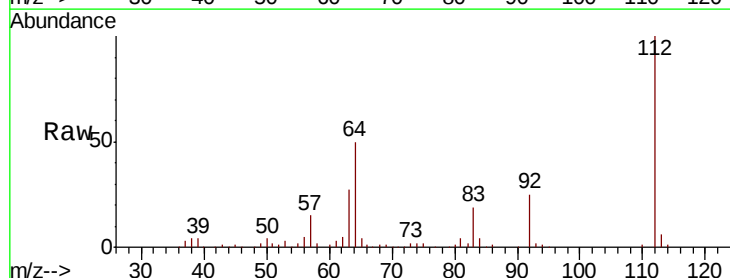
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



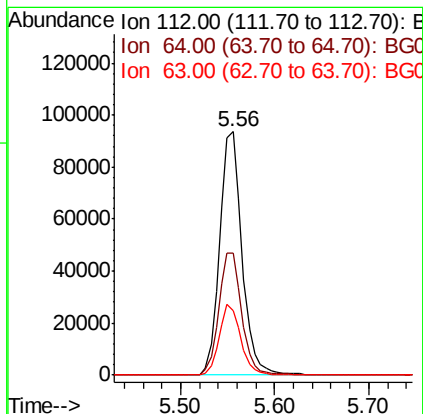
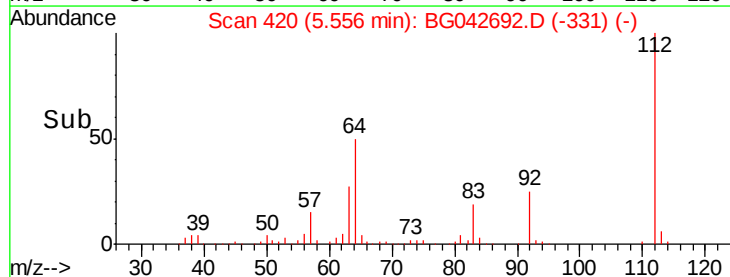
#5

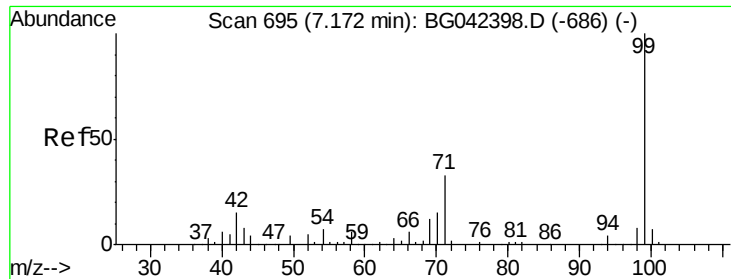
2-Fluorophenol
Concen: 92.903 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042692.D
Acq: 3 Sep 2019 17:12

Tgt Ion:112 Resp: 155115
Ion Ratio Lower Upper
112 100
64 50.4 42.8 64.2
63 26.6 22.7 34.1



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: 94.177 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042692.D

Acq: 3 Sep 2019 17:12

Instrument :

BNA_G

ClientSampleId :

PAR-11-B1-B4-(0-4)

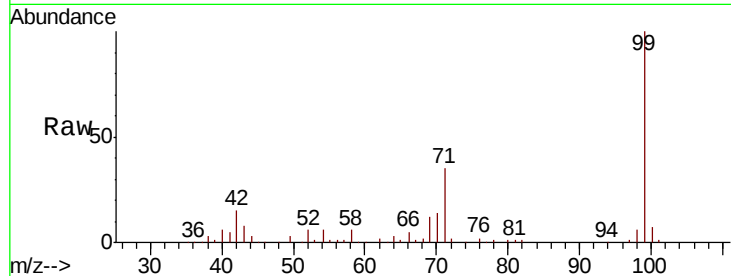
Tot Ion: 99 Resp: 212397

Ion Ratio Lower Upper

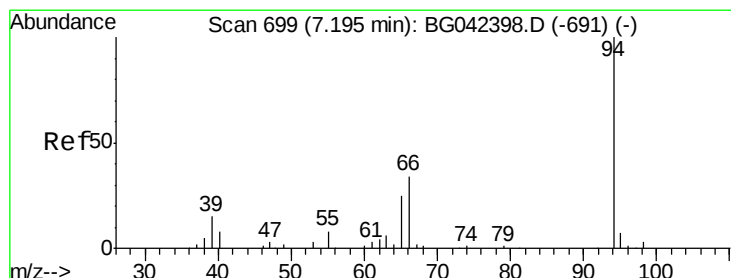
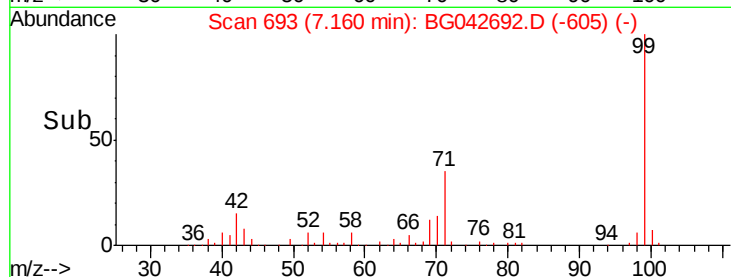
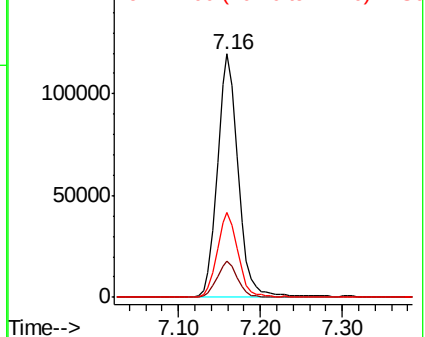
99 100

42 15.0 12.0 18.0

71 34.7 26.3 39.5



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: 3.061 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042692.D

Acq: 3 Sep 2019 17:12

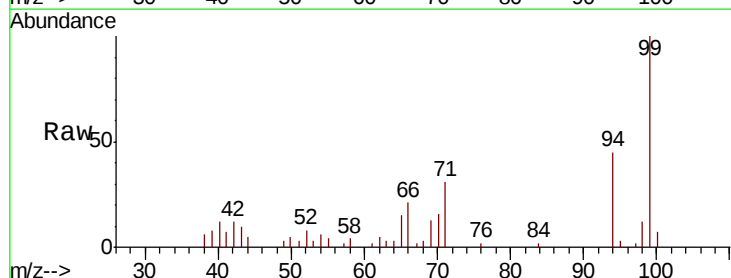
Tgt Ion: 94 Resp: 7018

Ion Ratio Lower Upper

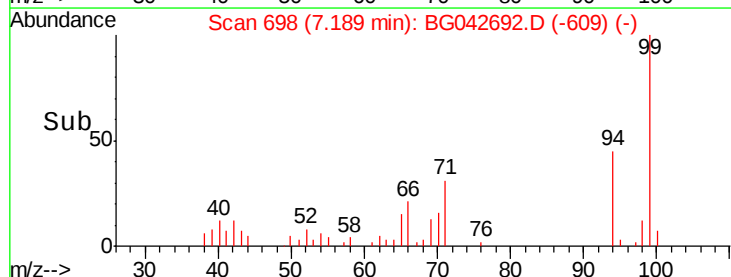
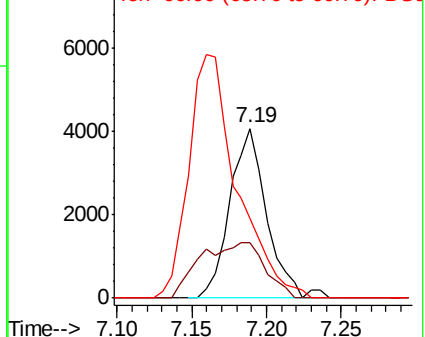
94 100

65 32.9 5.6 45.6

66 46.7 16.0 56.0



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: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042692.D

Acq: 3 Sep 2019 17:12

Instrument :

BNA_G

ClientSampleId :

PAR-11-B1-B4-(0-4)

Tot Ion:136 Resp: 130420

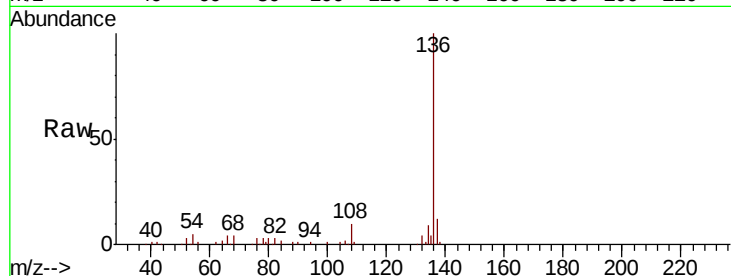
Ion Ratio Lower Upper

136 100

137 11.8 8.7 13.1

54 5.2 4.9 7.3

68 3.7 3.6 5.4

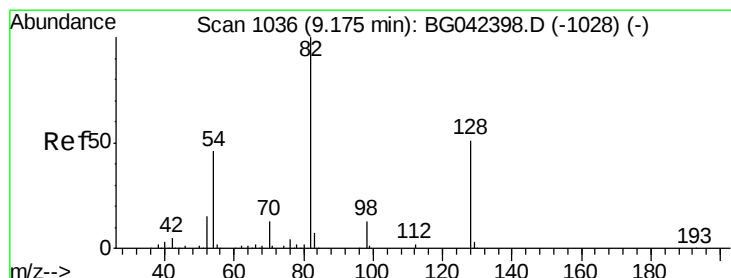
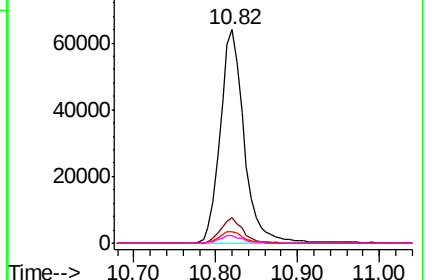
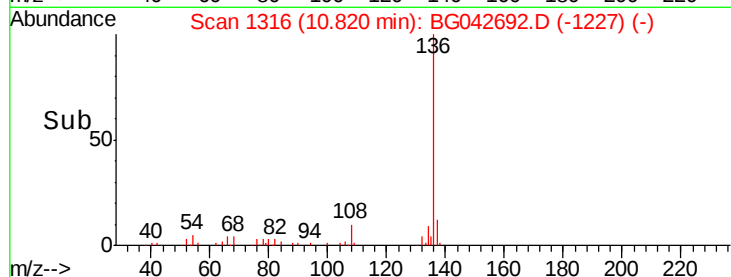


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.006 ng

RT: 9.16 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG042692.D

Acq: 3 Sep 2019 17:12

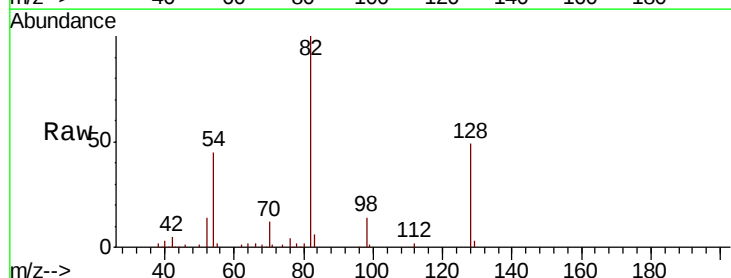
Tgt Ion: 82 Resp: 126460

Ion Ratio Lower Upper

82 100

128 48.7 40.7 61.1

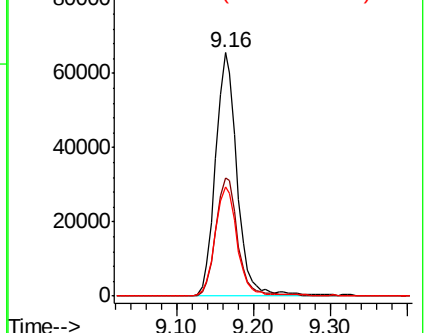
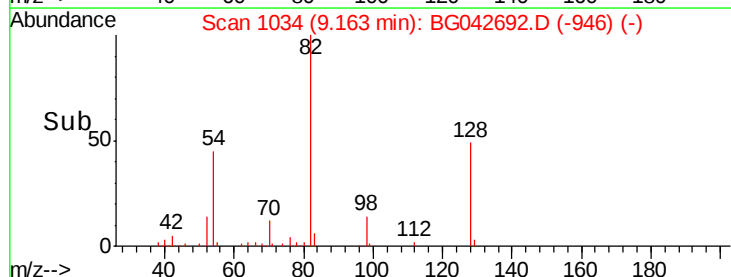
54 44.9 36.3 54.5



Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042692.D

Acq: 3 Sep 2019 17:12

Instrument :

BNA_G

ClientSampleId :

PAR-11-B1-B4-(0-4)

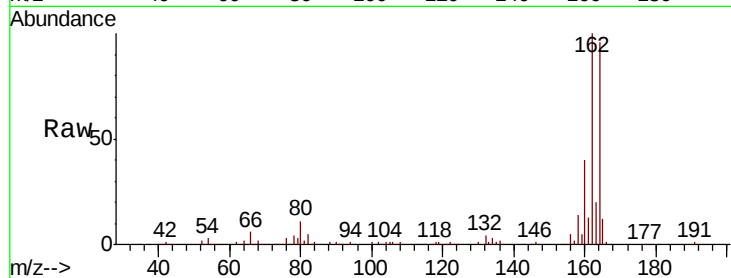
Tot Ion:164 Resp: 99752

Ion Ratio Lower Upper

164 100

162 104.3 79.9 119.9

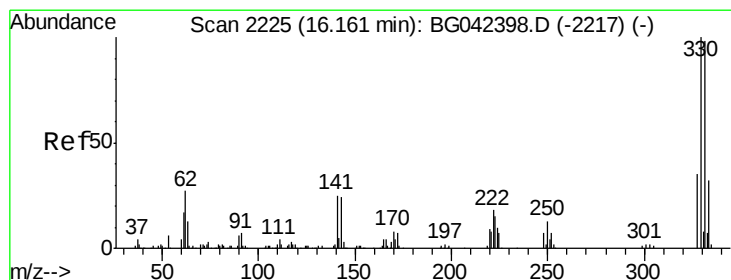
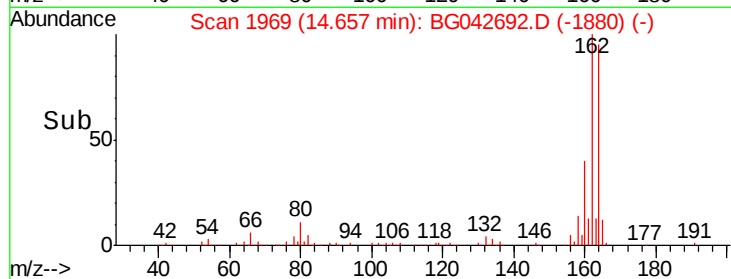
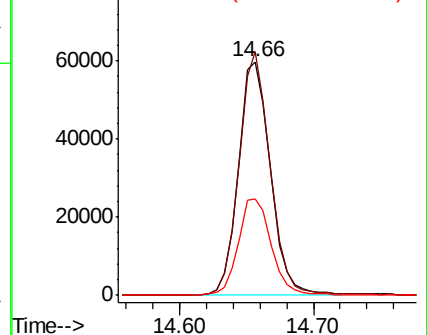
160 41.6 34.3 51.5



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: 103.049 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042692.D

Acq: 3 Sep 2019 17:12

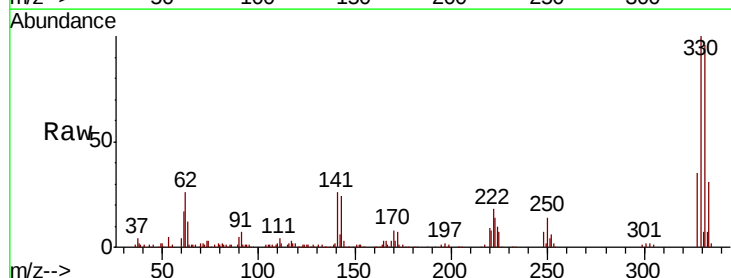
Tgt Ion:330 Resp: 146104

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

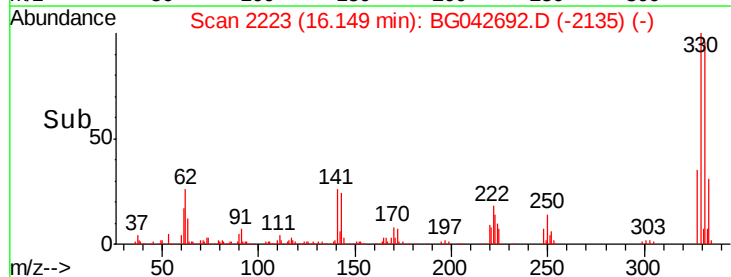
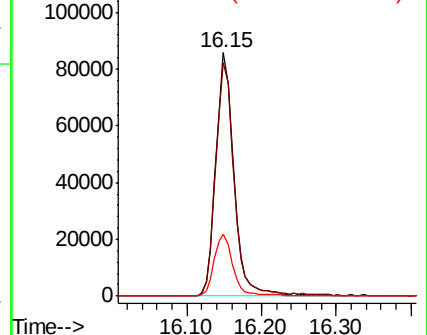
141 26.3 21.4 32.0



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

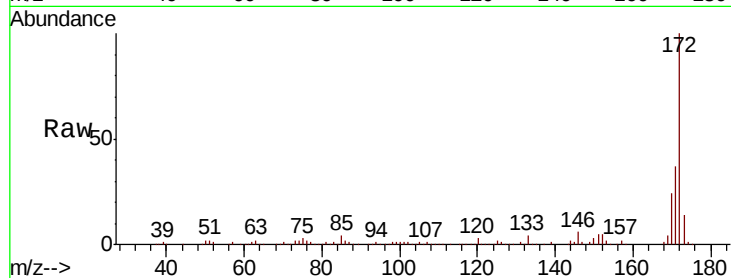




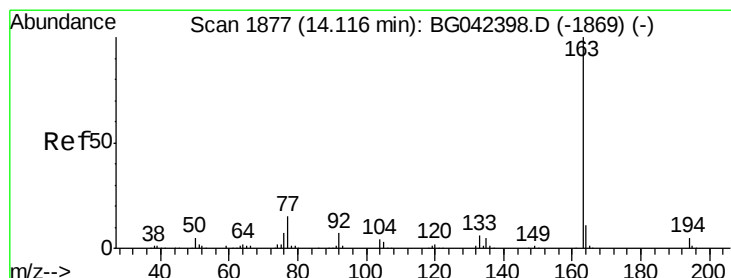
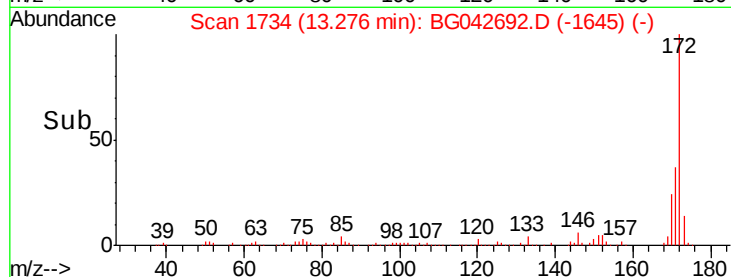
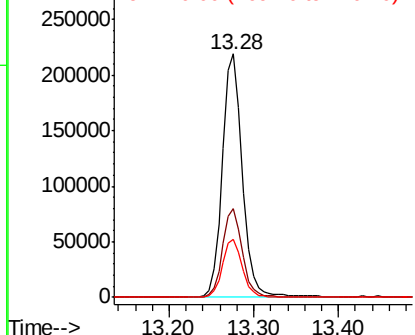
#45
2-Fluorobiphenyl
Concen: 61.192 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042692.D
Acq: 3 Sep 2019 17:12

Instrument :
BNA_G
ClientSampleId :
PAR-11-B1-B4-(0-4)

Tot Ion:172 Resp: 360911
Ion Ratio Lower Upper
172 100
171 36.7 30.5 45.7
170 23.9 20.2 30.2

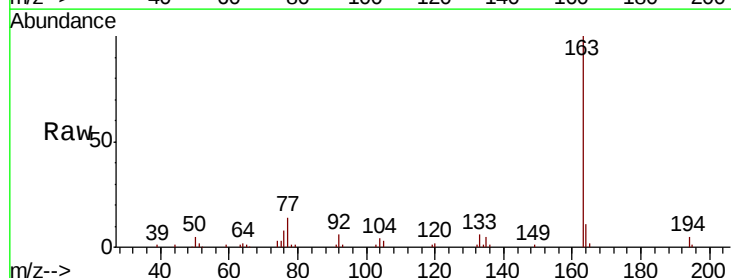


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

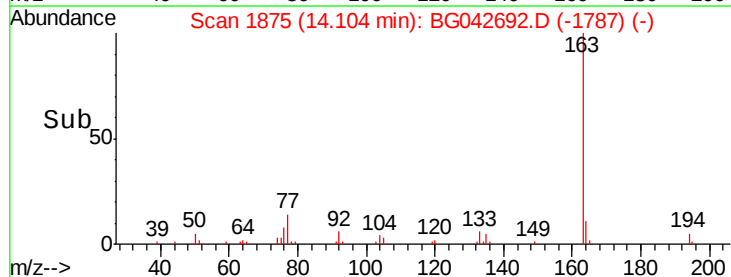
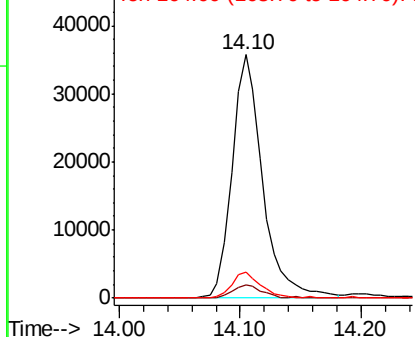


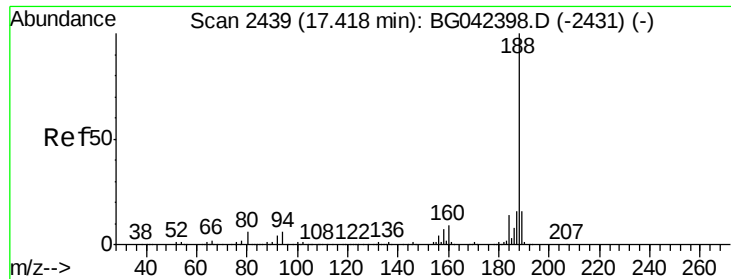
#50
Dimethylphthalate
Concen: 8.747 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042692.D
Acq: 3 Sep 2019 17:12

Tgt Ion:163 Resp: 62958
Ion Ratio Lower Upper
163 100
194 5.2 4.2 6.2
164 10.5 8.8 13.2



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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042692.D

Acq: 3 Sep 2019 17:12

Instrument :

BNA_G

ClientSampleId :

PAR-11-B1-B4-(0-4)

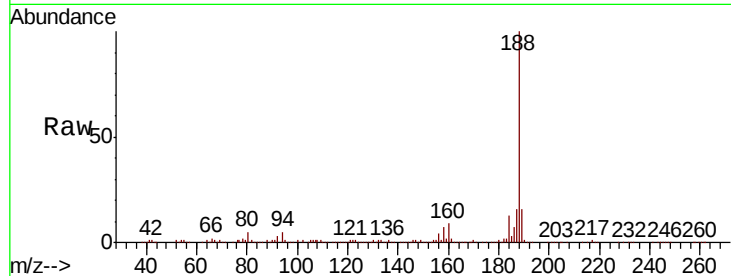
Tot Ion:188 Resp: 231207

Ion Ratio Lower Upper

188 100

94 4.6 4.5 6.7

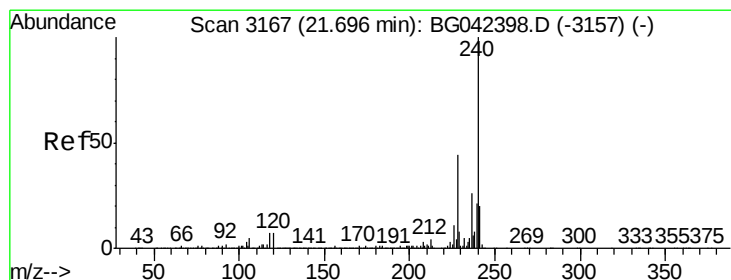
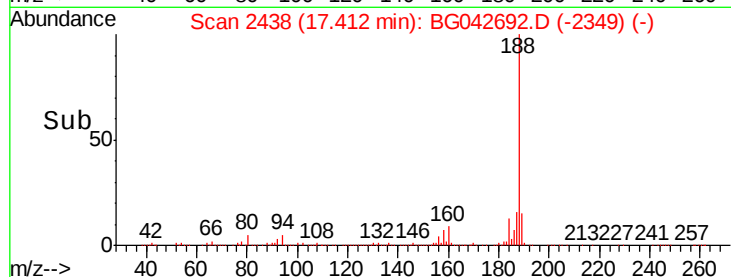
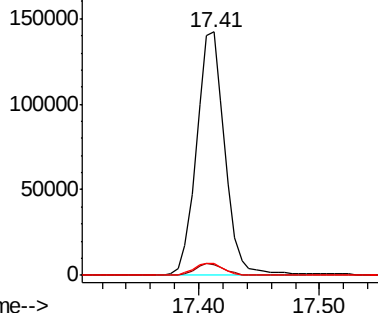
80 4.9 4.9 7.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042692.D

Acq: 3 Sep 2019 17:12

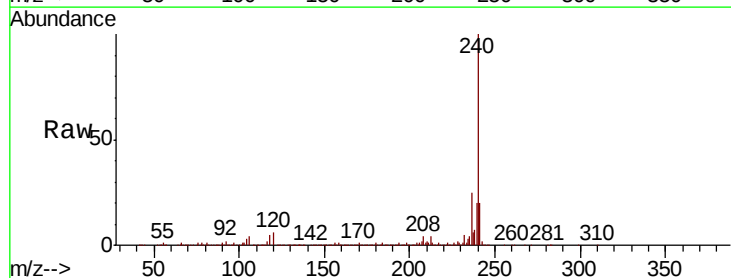
Tgt Ion:240 Resp: 260651

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

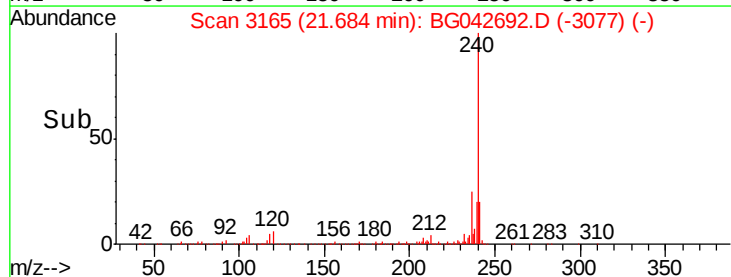
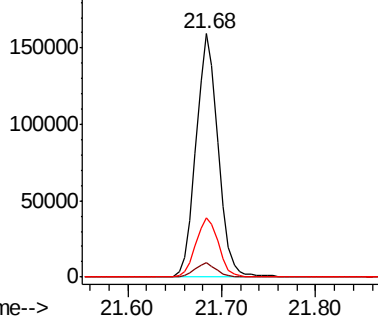
236 24.6 21.0 31.4

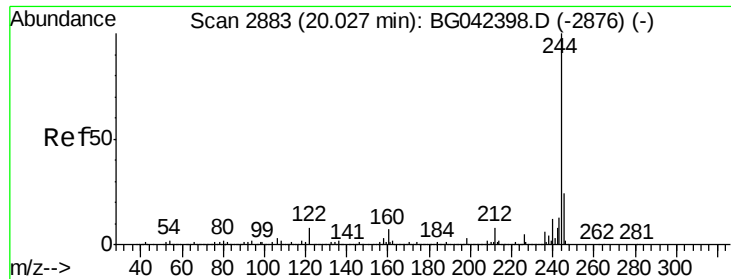


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 51.991 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042692.D

Acq: 3 Sep 2019 17:12

Instrument :

BNA_G

ClientSampleId :

PAR-11-B1-B4-(0-4)

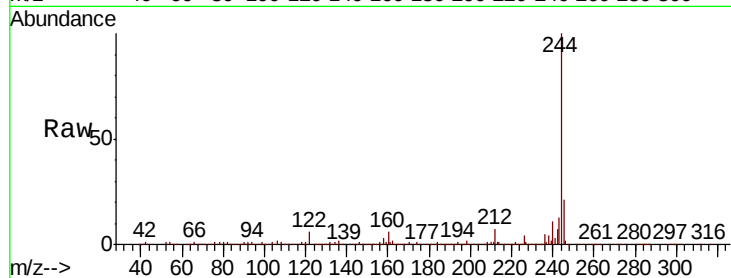
Tot Ion:244 Resp: 626829

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

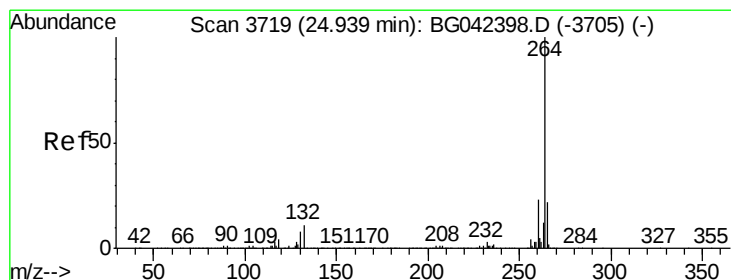
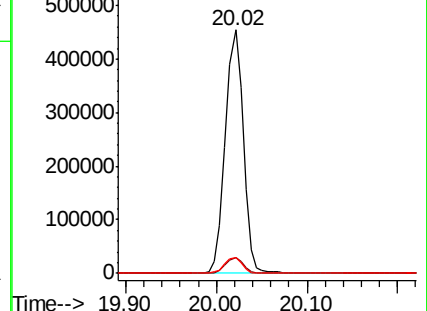
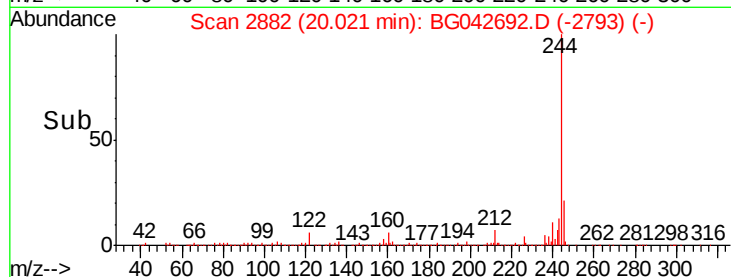
122 6.2 6.7 10.1#



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: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042692.D

Acq: 3 Sep 2019 17:12

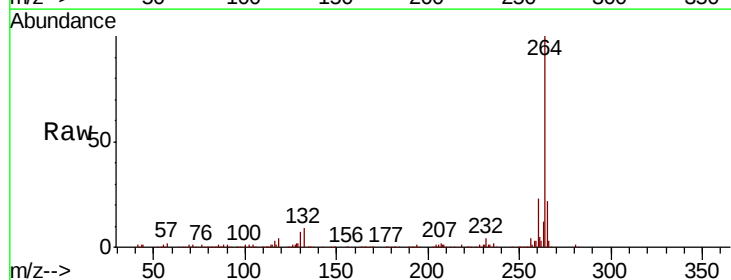
Tgt Ion:264 Resp: 307357

Ion Ratio Lower Upper

264 100

260 22.9 18.5 27.7

265 22.3 17.6 26.4



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

