

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
 Data File : BG038217.D
 Acq On : 29 Nov 2018 2:27
 Operator : JU/SJ
 Sample : J6069-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112318-TIPC-F-U-S

Quant Time: Nov 29 05:05:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

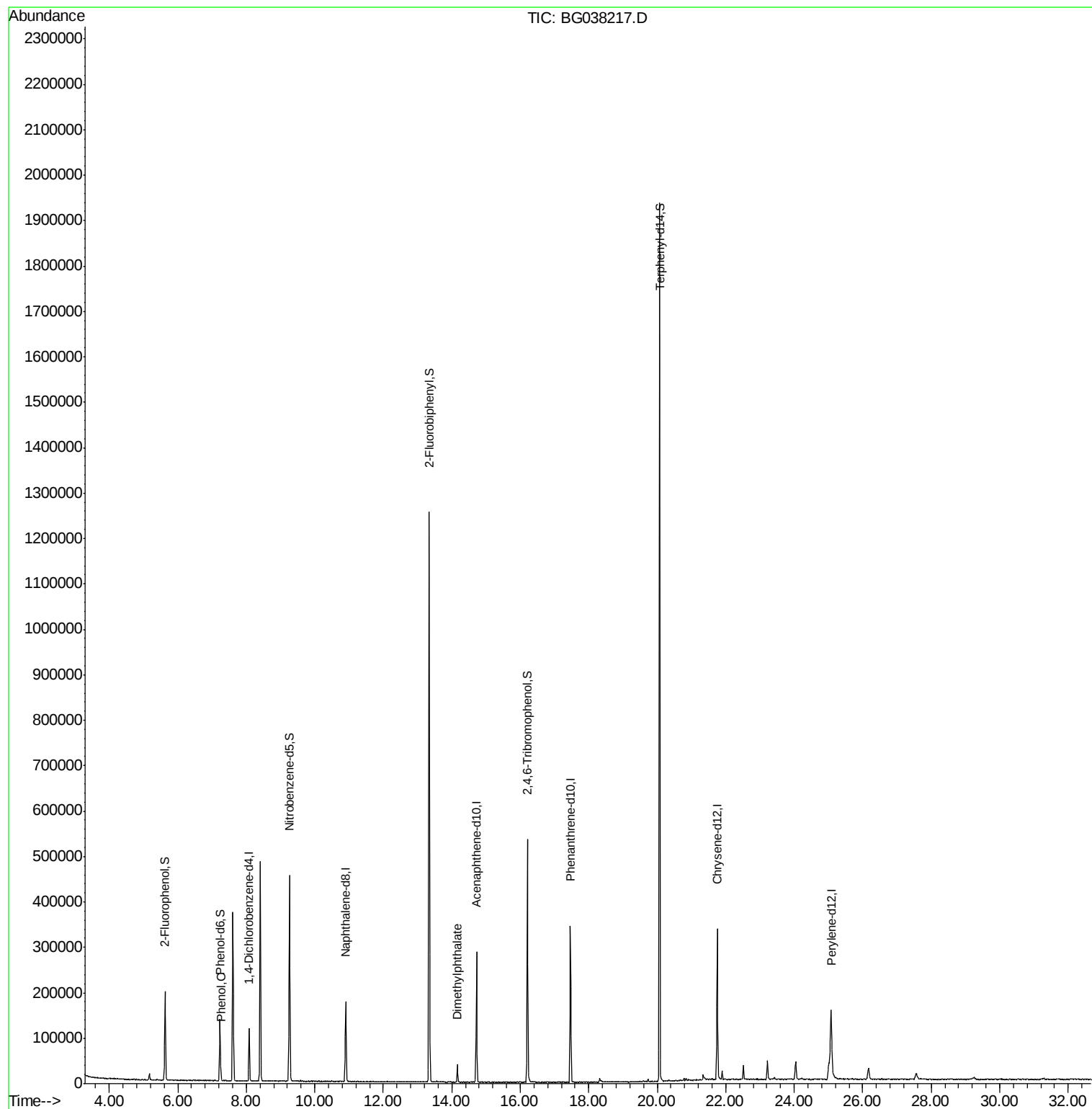
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	33958	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	154162	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	98282	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	219145	20.00	ng	0.00
76) Chrysene-d12	21.75	240	207774	20.00	ng	0.00
87) Perylene-d12	25.07	264	200985	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	89794	45.65	ng	0.00
7) Phenol-d6	7.23	99	79003	28.14	ng	0.00
23) Nitrobenzene-d5	9.26	82	286698	99.55	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	96859	86.41	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	659518	97.76	ng	0.00
79) Terphenyl-d14	20.07	244	922990	104.53	ng	0.00
Target Compounds						
10) Phenol	7.26	94	7755	2.608	ng	96
50) Dimethylphthalate	14.16	163	29401	3.773	ng	99

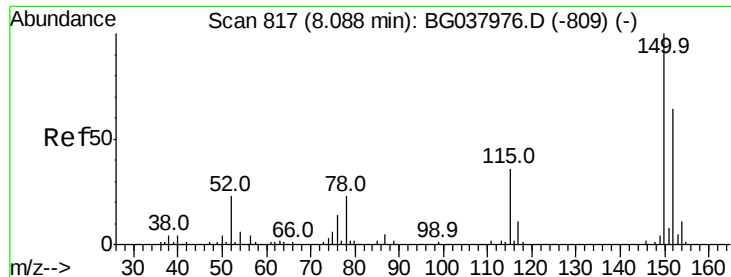
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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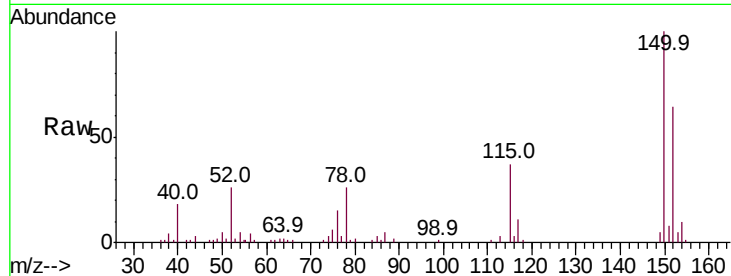


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BG038217.D
 Acq: 29 Nov 2018 2:27

Instrument :
 BNA_G
 ClientSampleId :
 112318-TIPC-F-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.0	189.0
115	57.2	45.5	68.3

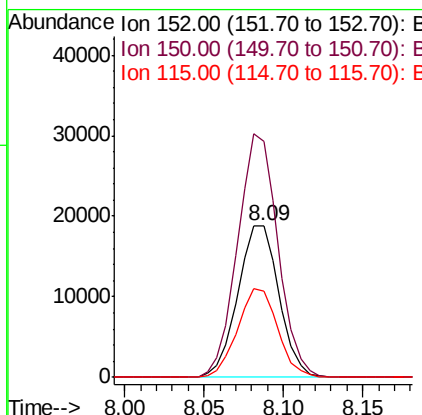
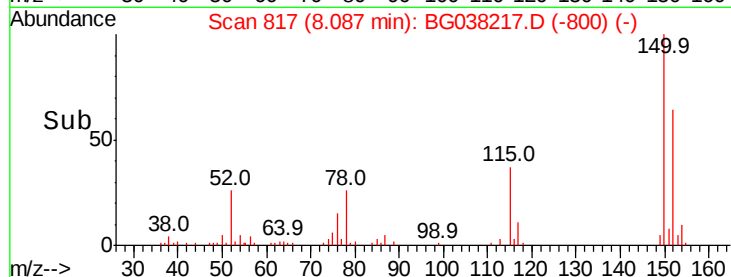


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

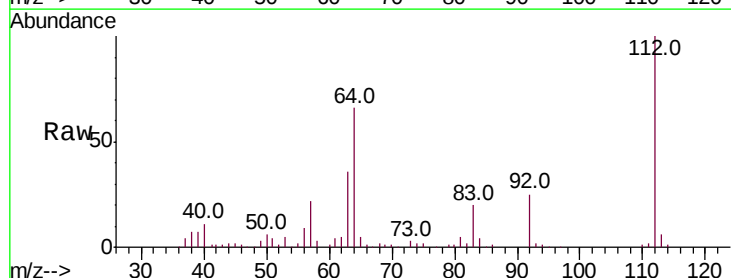
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 45.655 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG038217.D
 Acq: 29 Nov 2018 2:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	53.1	79.7
63	36.0	27.3	40.9

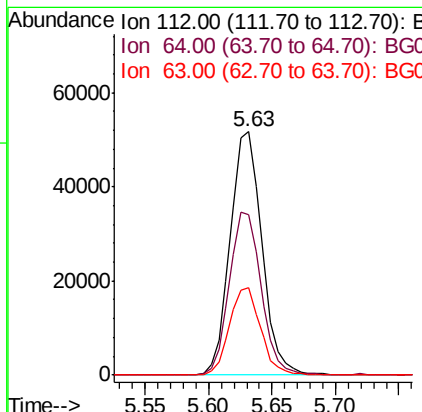
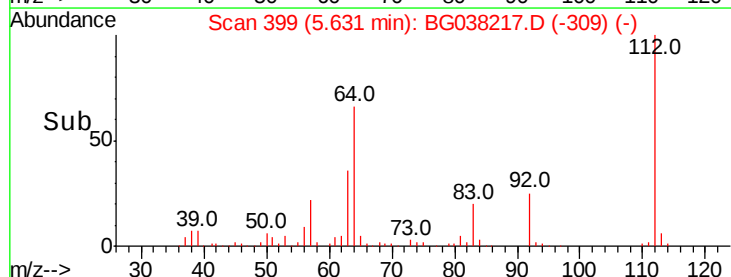


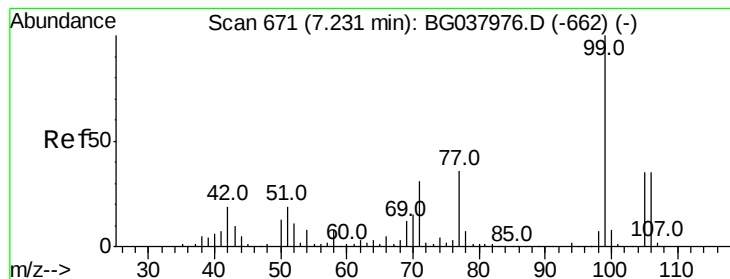
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 28.140 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038217.D

Acq: 29 Nov 2018 2:27

Instrument :

BNA_G

ClientSampleId :

112318-TIPC-F-U-S

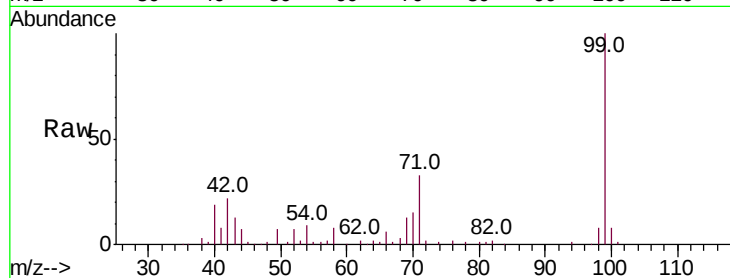
Tot Ion: 99 Resp: 79003

Ion Ratio Lower Upper

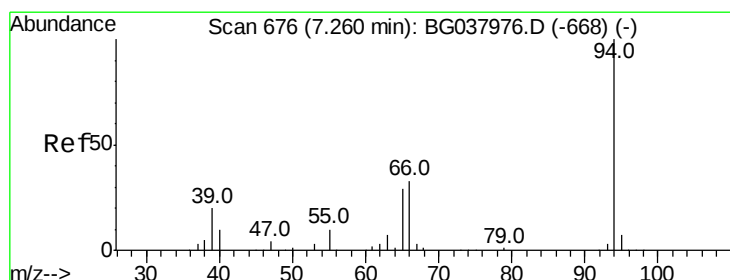
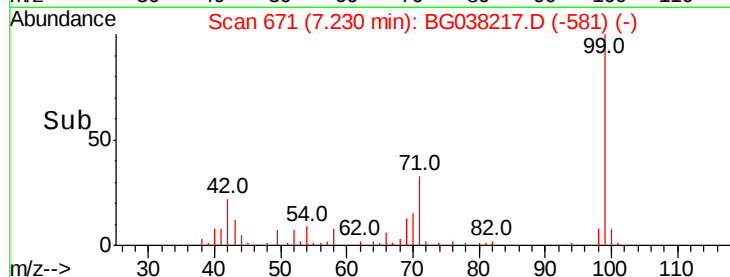
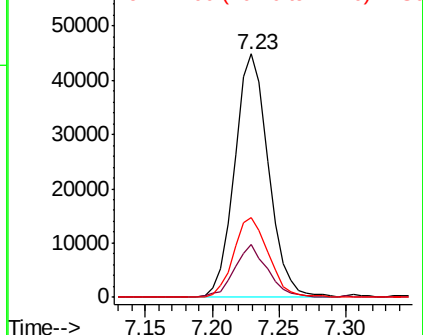
99 100

42 21.8 15.0 22.4

71 32.7 25.5 38.3



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: 2.608 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038217.D

Acq: 29 Nov 2018 2:27

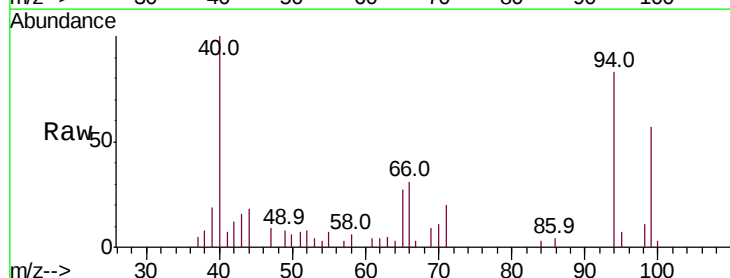
Tgt Ion: 94 Resp: 7755

Ion Ratio Lower Upper

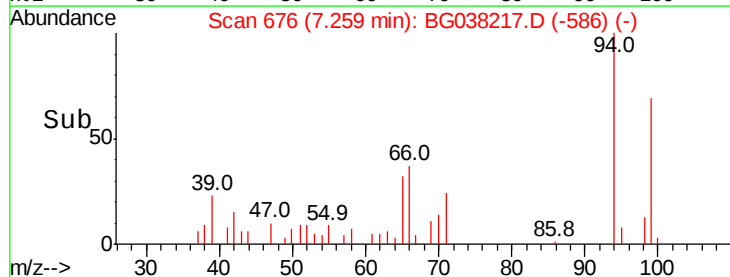
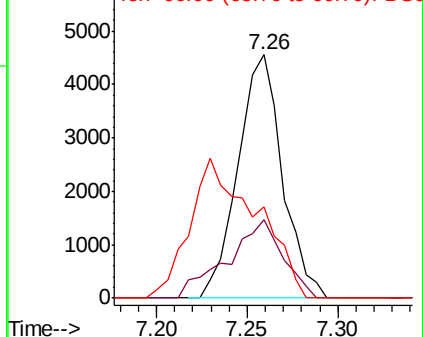
94 100

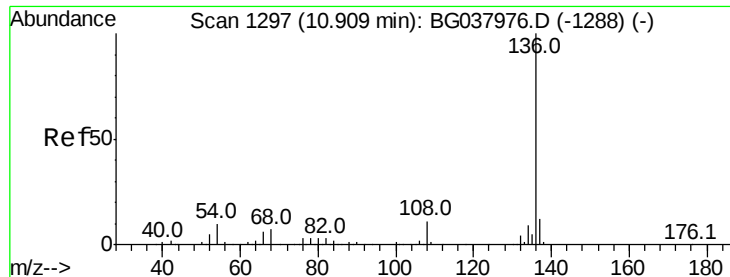
65 32.3 9.7 49.7

66 37.4 15.9 55.9



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

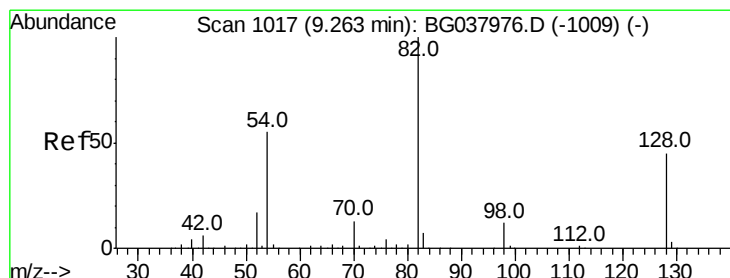
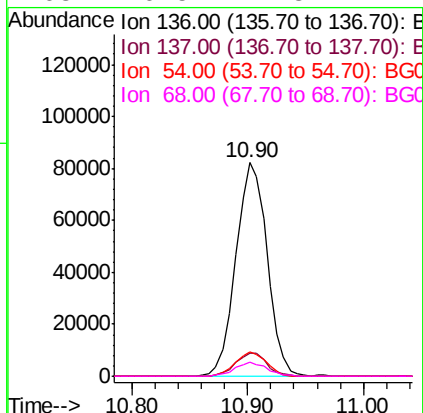
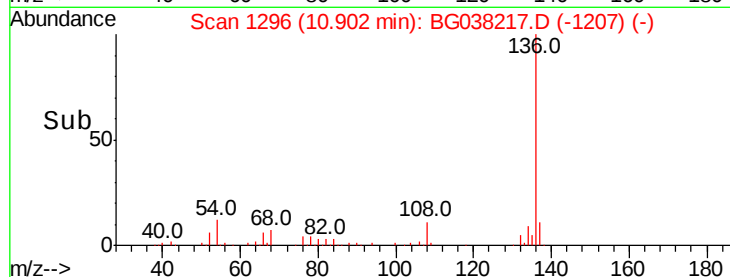
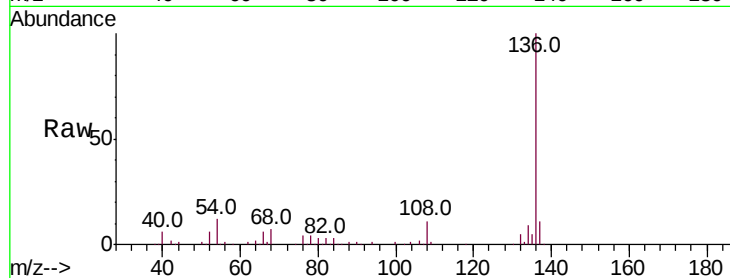




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

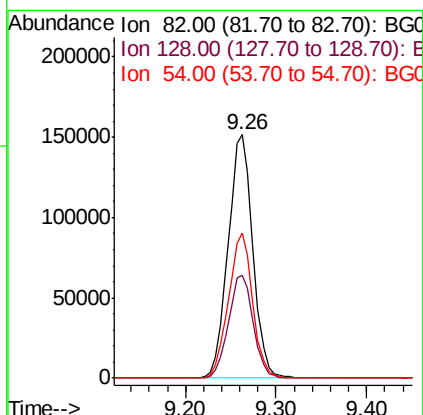
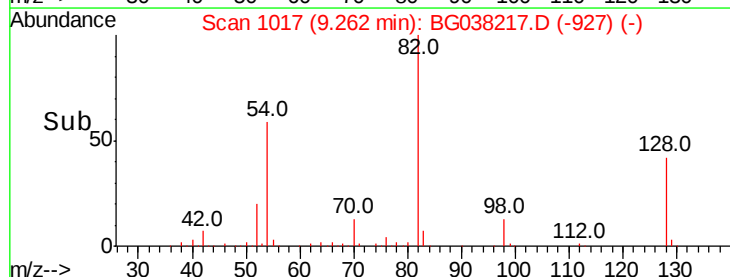
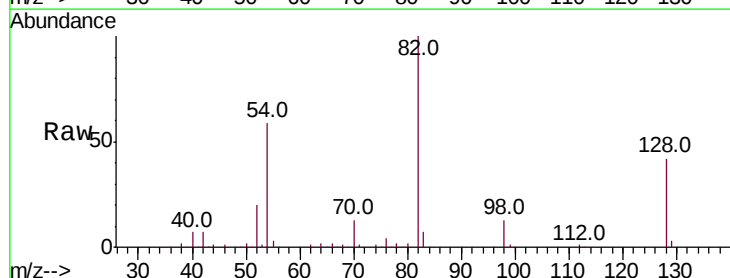
Instrument :
BNA_G
ClientSampleId :
112318-TIPC-F-U-S

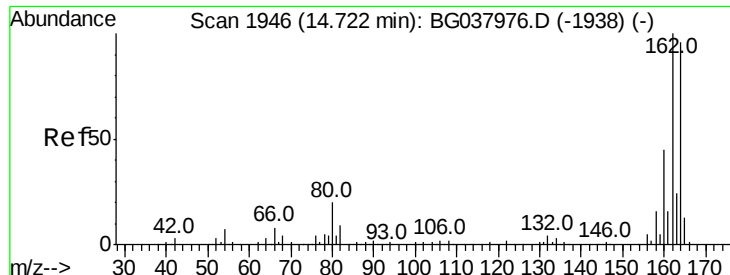
Tot Ion:	136	Resp:	154162
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	11.5	7.9	11.9
68	6.5	4.8	7.2



#23
Nitrobenzene-d5
Concen: 99.551 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

Tgt Ion:	82	Resp:	286698
Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.6	51.8
54	59.5	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG038217.D

Acq: 29 Nov 2018 2:27

Instrument :

BNA_G

ClientSampleId :

112318-TIPC-F-U-S

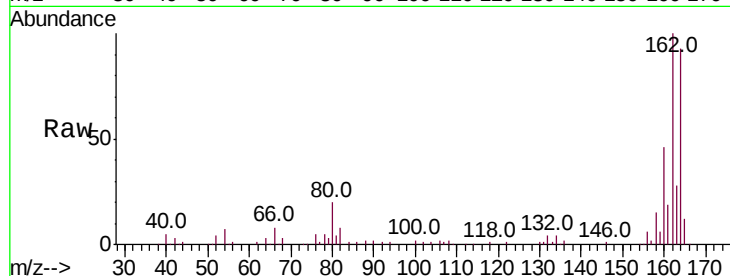
Tot Ion:164 Resp: 98282

Ion Ratio Lower Upper

164 100

162 107.1 81.3 121.9

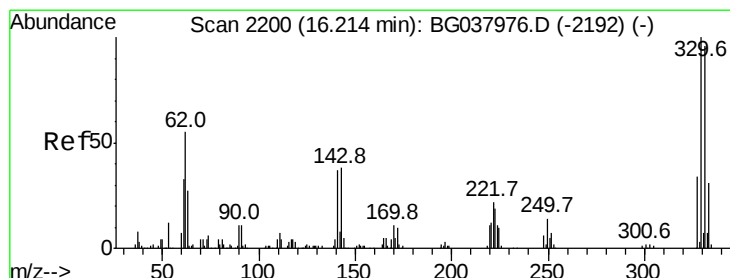
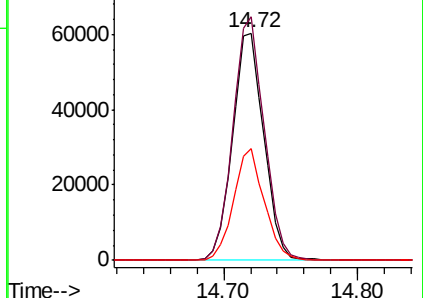
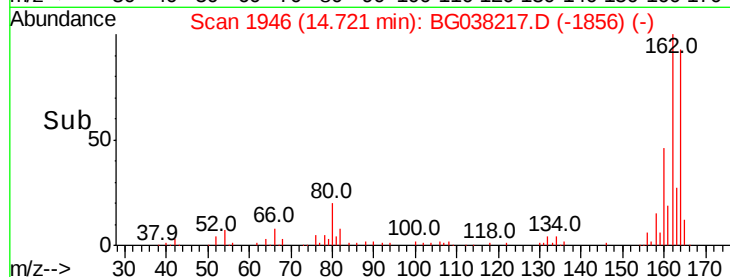
160 49.4 36.3 54.5



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: 86.413 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038217.D

Acq: 29 Nov 2018 2:27

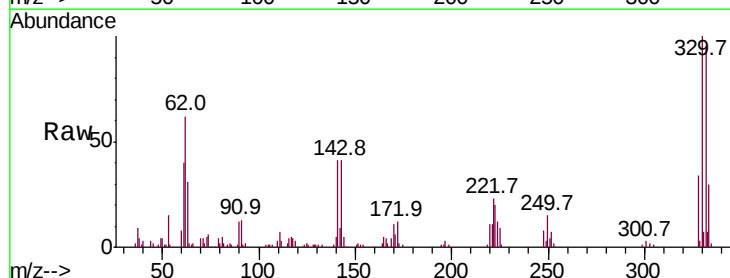
Tgt Ion:330 Resp: 96859

Ion Ratio Lower Upper

330 100

332 96.3 78.4 117.6

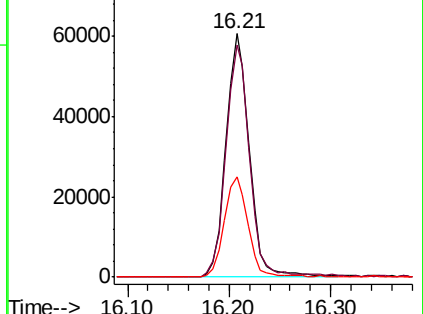
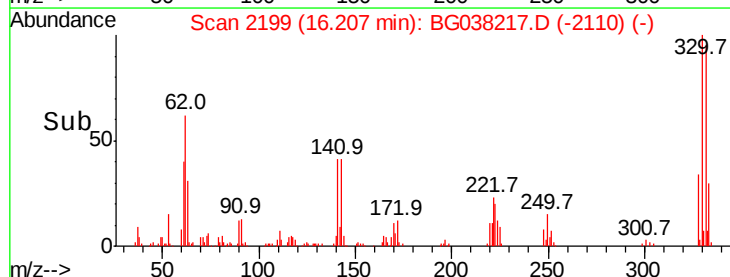
141 42.2 32.2 48.2



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

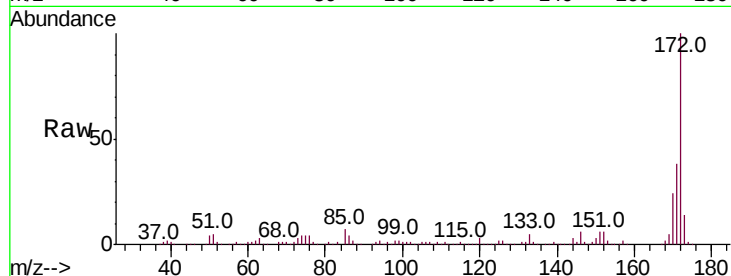




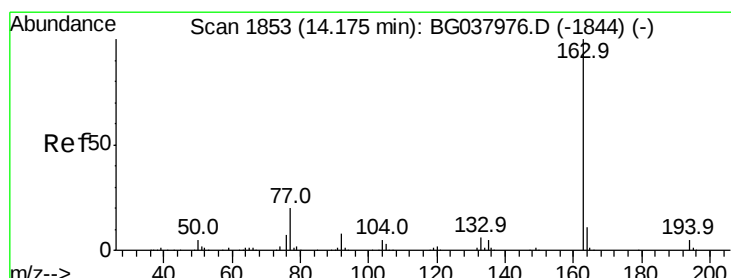
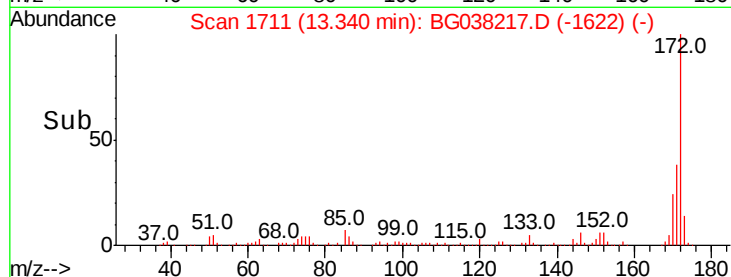
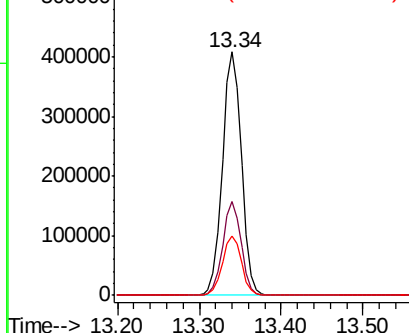
#45
2-Fluorobiphenyl
Concen: 97.761 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

Instrument :
BNA_G
ClientSampleId :
112318-TIPC-F-U-S

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	24.1	20.2	30.2

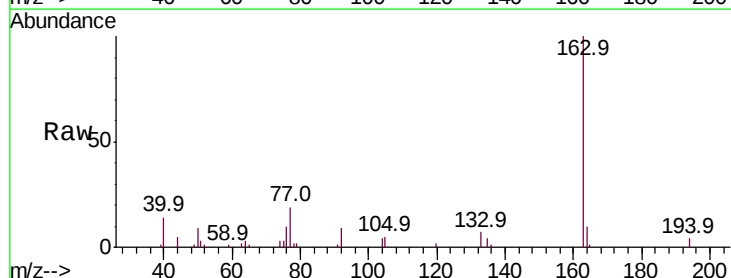


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

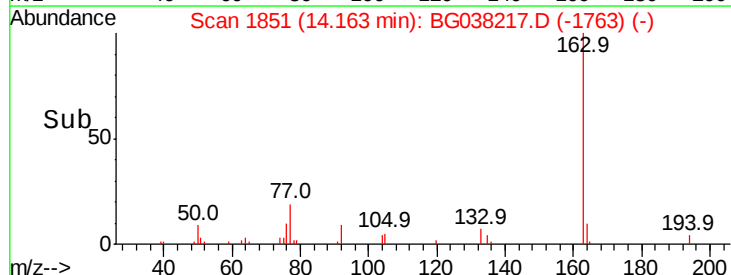
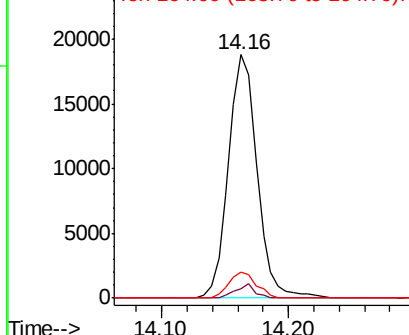


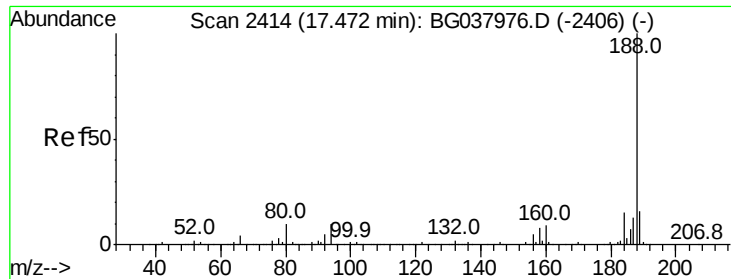
#50
Dimethylphthalate
Concen: 3.773 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.5	8.5	12.7



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: 17.46 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG038217.D

Acq: 29 Nov 2018 2:27

Instrument :

BNA_G

ClientSampleId :

112318-TIPC-F-U-S

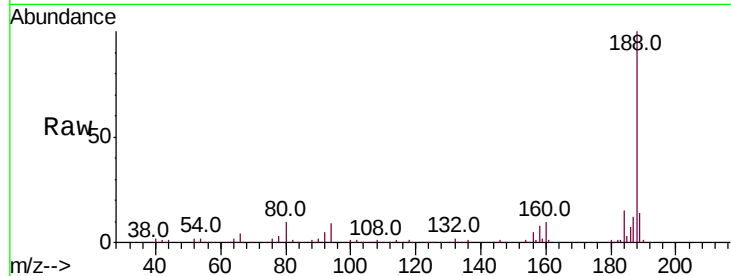
Tot Ion:188 Resp: 219145

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

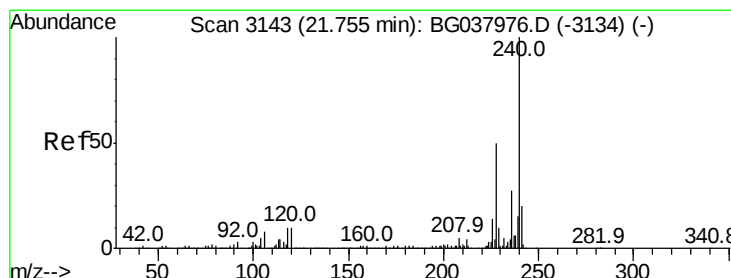
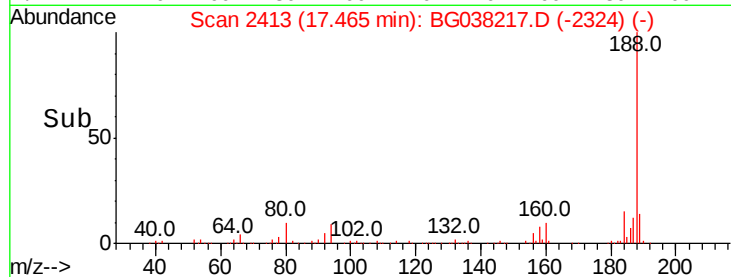
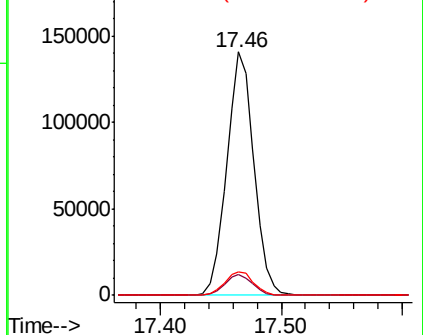
80 9.6 7.7 11.5



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: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038217.D

Acq: 29 Nov 2018 2:27

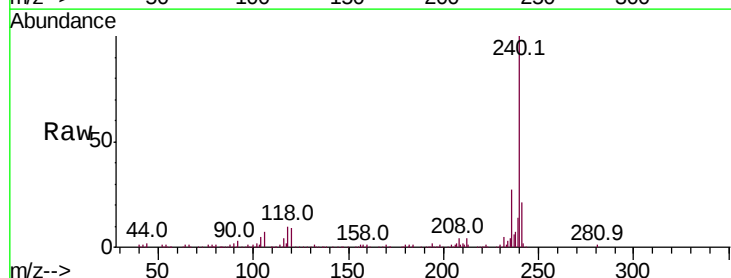
Tgt Ion:240 Resp: 207774

Ion Ratio Lower Upper

240 100

120 9.4 8.1 12.1

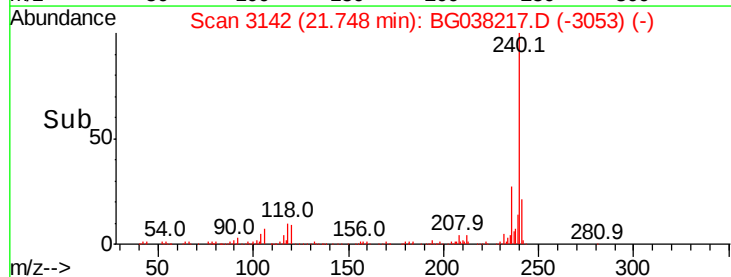
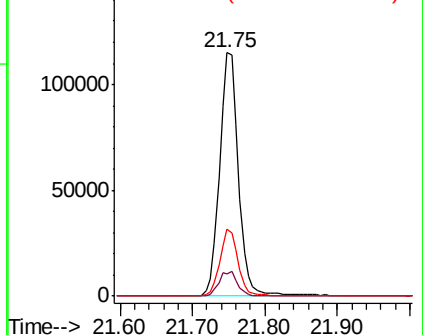
236 27.5 21.4 32.0

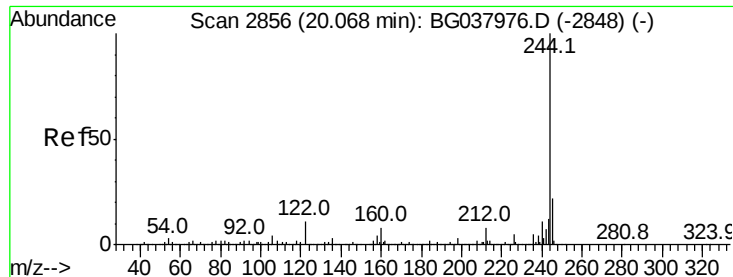


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 104.527 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038217.D

Acq: 29 Nov 2018 2:27

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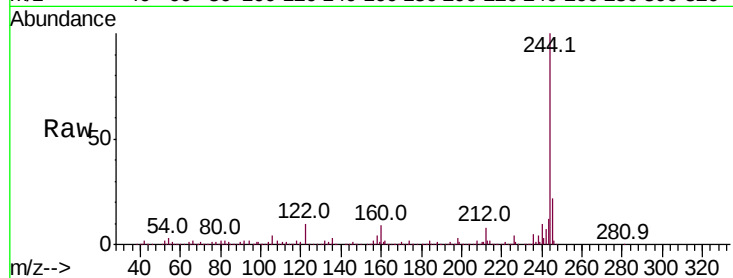
Tot Ion:244 Resp: 922990

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

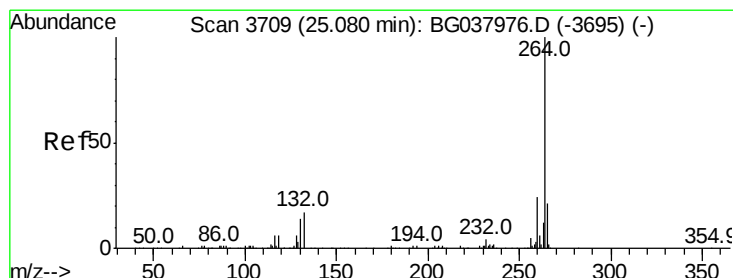
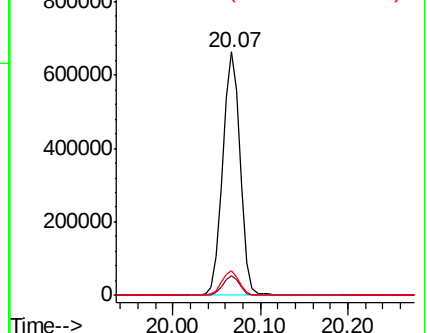
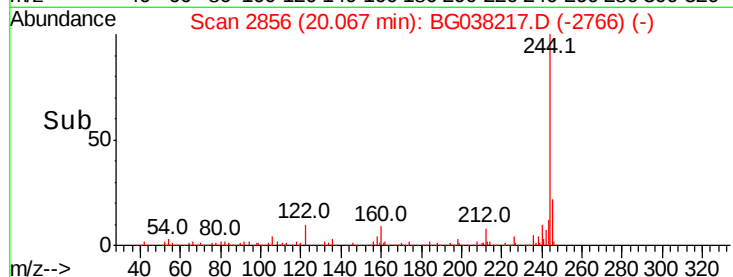
122 10.3 9.0 13.4



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: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038217.D

Acq: 29 Nov 2018 2:27

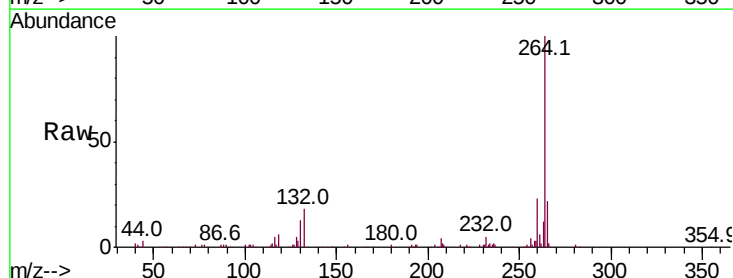
Tgt Ion:264 Resp: 200985

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

265 22.3 17.9 26.9



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

