

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
 Data File : BG026049.D
 Acq On : 3 Mar 2017 3:51
 Operator : SJ/MA
 Sample : I2057-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 26B-4

Quant Time: Mar 03 04:30:07 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

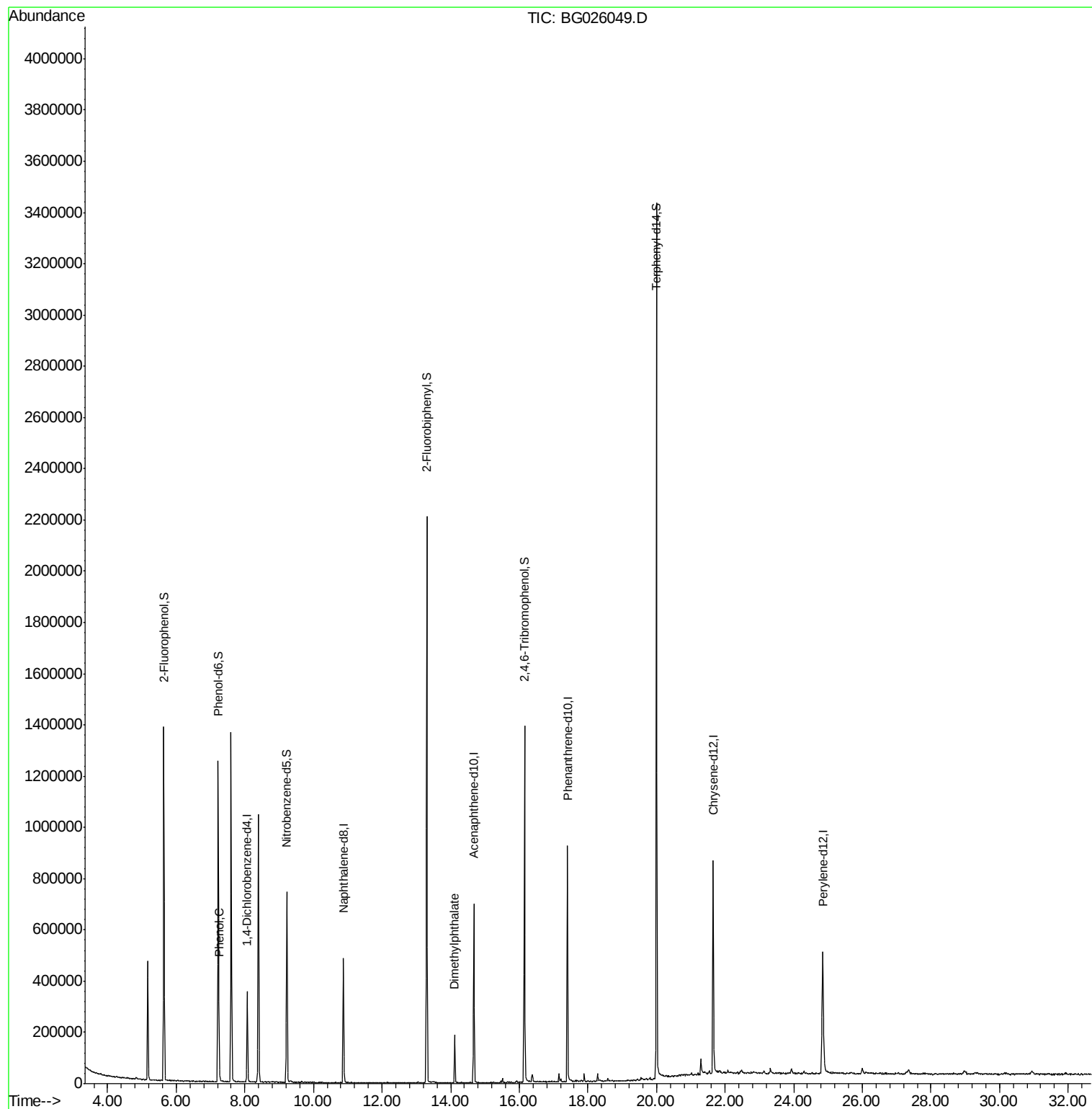
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	109730	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	450537	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	249656	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	580719	20.00	ng	-0.02
75) Chrysene-d12	21.65	240	530634	20.00	ng	-0.03
86) Perylene-d12	24.85	264	503050	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	647979	102.81	ng	-0.02
7) Phenol-d6	7.23	99	857685	91.96	ng	0.00
23) Nitrobenzene-d5	9.22	82	473747	66.36	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	269042	116.64	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1187947	83.15	ng	-0.02
78) Terphenyl-d14	20.00	244	1517041	69.53	ng	-0.02
Target Compounds						
10) Phenol	7.25	94	34582	3.41	ng	82
49) Dimethylphthalate	14.12	163	130641	7.63	ng	96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 806

Delta R.T. -0.02 min

Lab File: BG026049.D

Acq: 3 Mar 2017 3:51

Instrument :

BNA_G

ClientSampleId :

26B-4

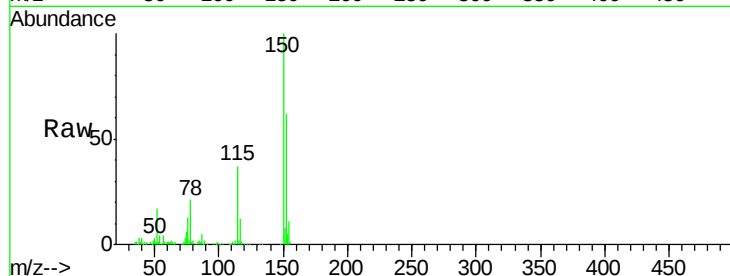
Tgt Ion:152 Resp: 109730

Ion Ratio Lower Upper

152 100

150 162.4 114.0 171.0

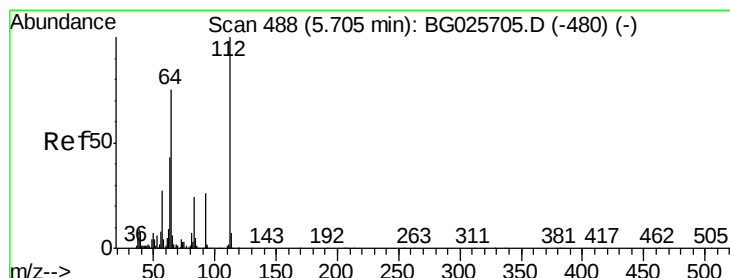
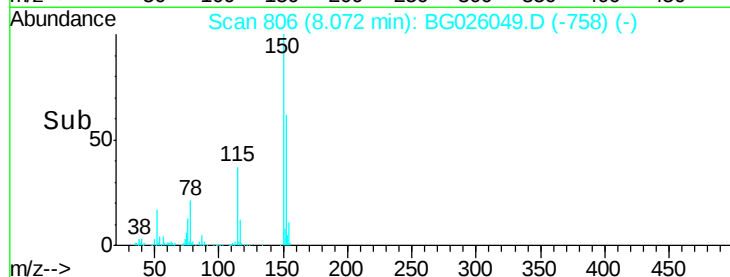
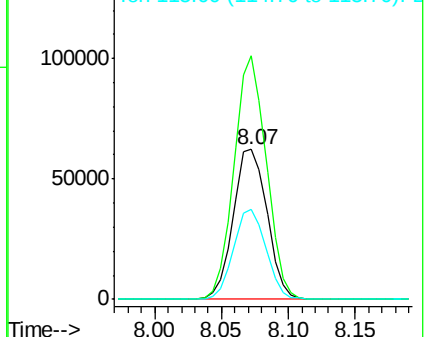
115 59.9 48.1 72.1



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: 102.81 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.02 min

Lab File: BG026049.D

Acq: 3 Mar 2017 3:51

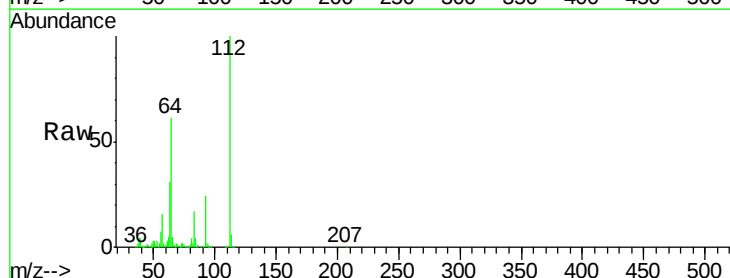
Tgt Ion:112 Resp: 647979

Ion Ratio Lower Upper

112 100

64 61.1 61.8 92.6#

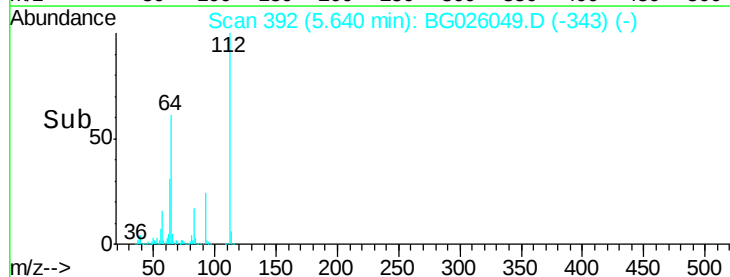
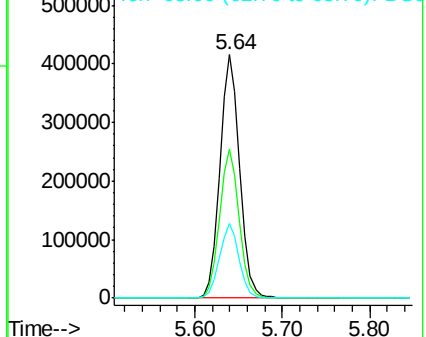
63 30.7 37.2 55.8#

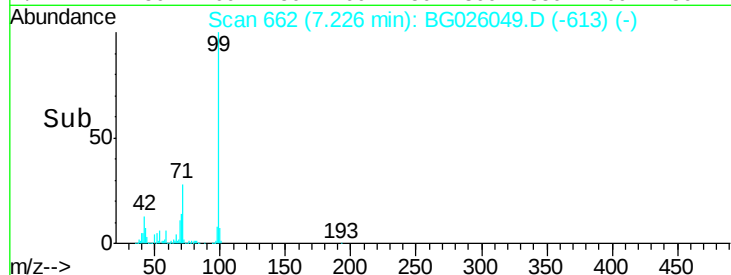
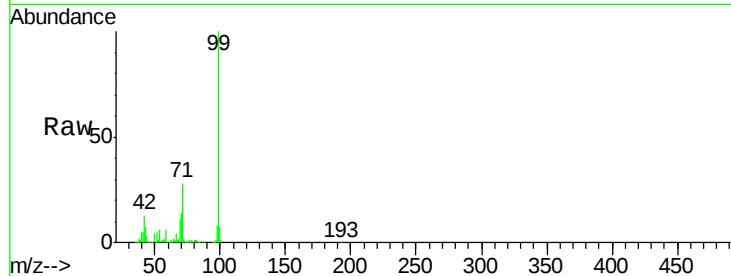


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 91.96 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG026049.D

Acq: 3 Mar 2017 3:51

Instrument :

BNA_G

ClientSampleId :

26B-4

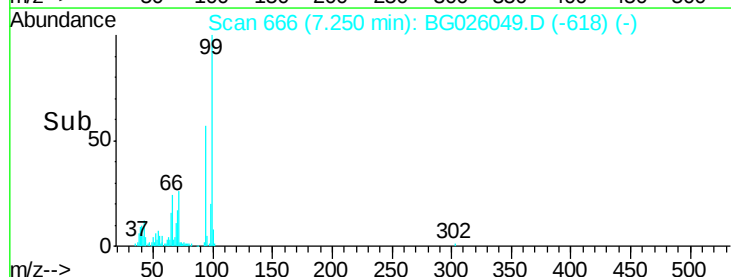
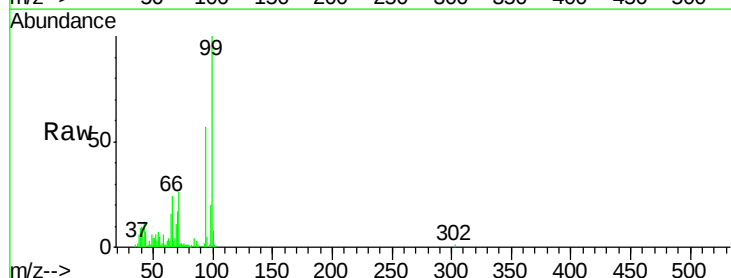
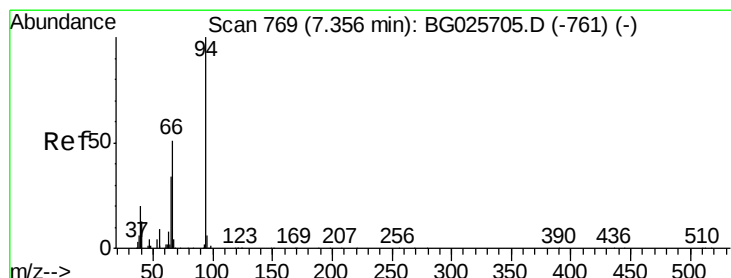
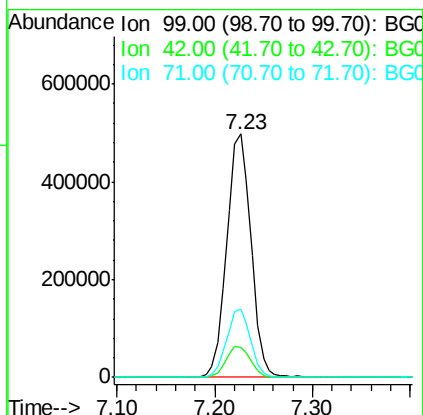
Tgt Ion: 99 Resp: 857685

Ion Ratio Lower Upper

99 100

42 12.5 20.5 30.7#

71 28.1 37.6 56.4#



#10

Phenol

Concen: 3.41 ng

RT: 7.25 min Scan# 666

Delta R.T. -0.02 min

Lab File: BG026049.D

Acq: 3 Mar 2017 3:51

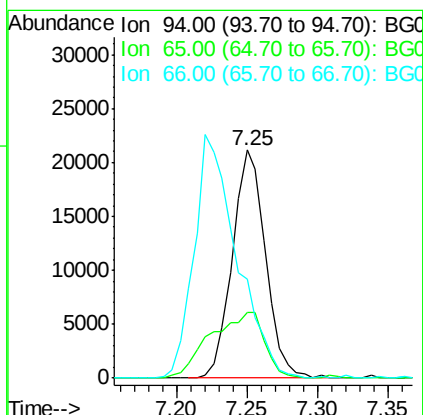
Tgt Ion: 94 Resp: 34582

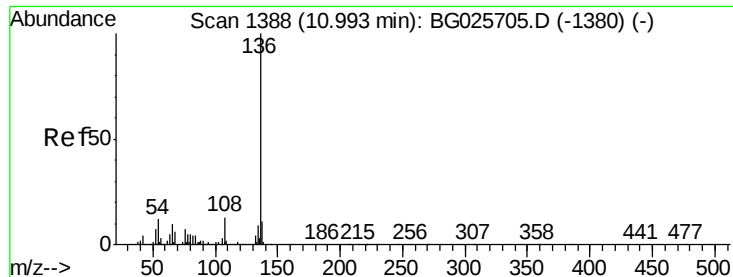
Ion Ratio Lower Upper

94 100

65 28.6 20.6 60.6

66 43.3 35.5 75.5

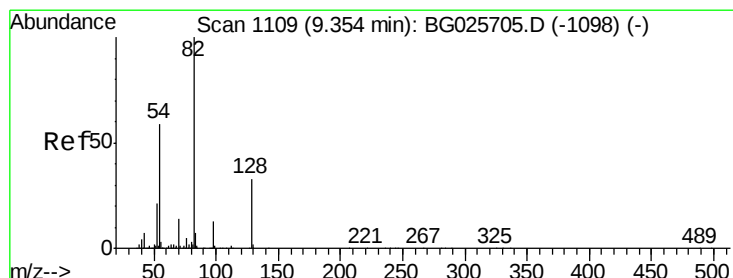
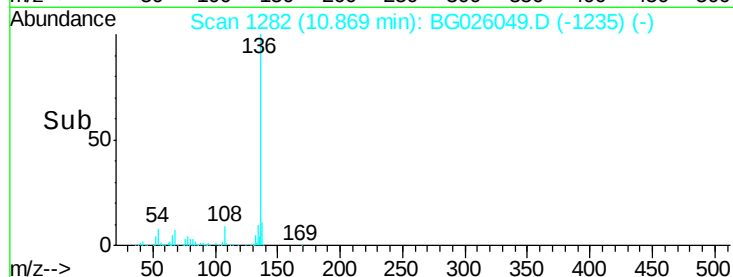
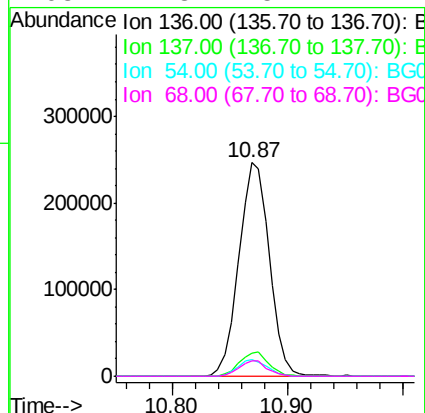
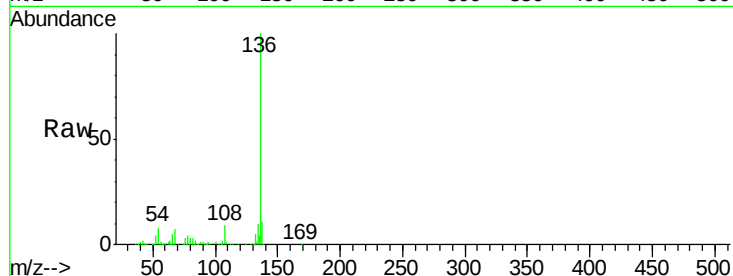




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BG026049.D
Acq: 3 Mar 2017 3:51

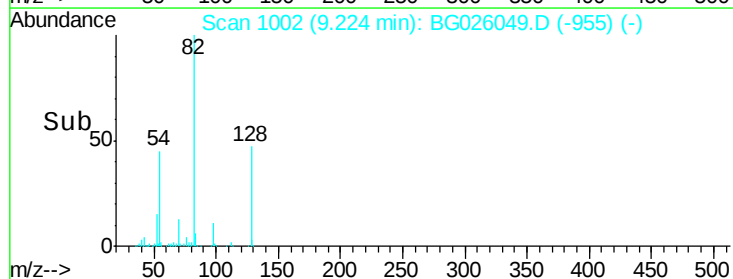
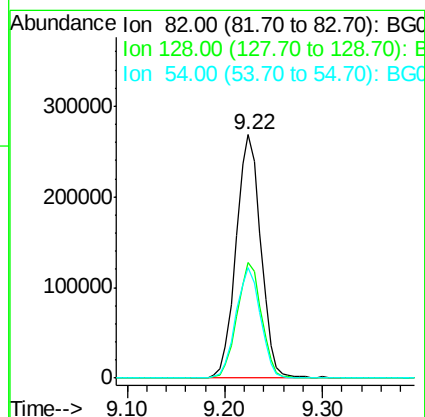
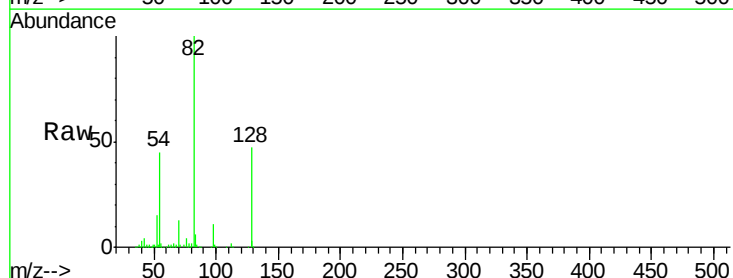
Instrument :
BNA_G
ClientSampleId :
26B-4

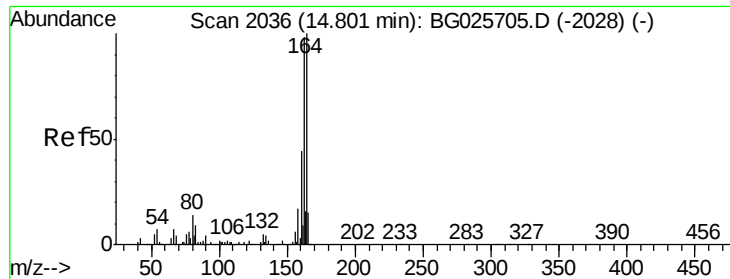
Tgt Ion:	136	Resp:	450537
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.0	9.3	13.9#
68	7.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 66.36 ng
RT: 9.22 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG026049.D
Acq: 3 Mar 2017 3:51

Tgt Ion:	82	Resp:	473747
Ion	Ratio	Lower	Upper
82	100		
128	47.3	26.4	39.6#
54	45.5	49.4	74.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.67 min Scan# 1929

Delta R.T. -0.02 min

Lab File: BG026049.D

Acq: 3 Mar 2017 3:51

Instrument :

BNA_G

ClientSampleId :

26B-4

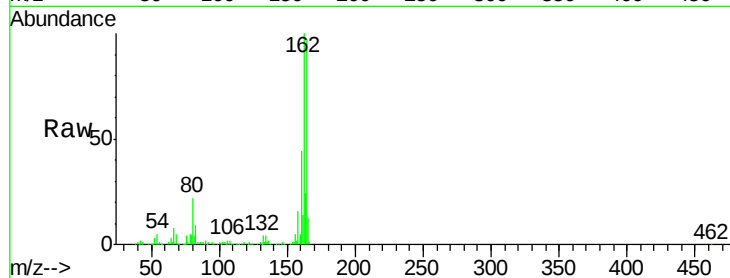
Tgt Ion:164 Resp: 249656

Ion Ratio Lower Upper

164 100

162 103.4 85.1 127.7

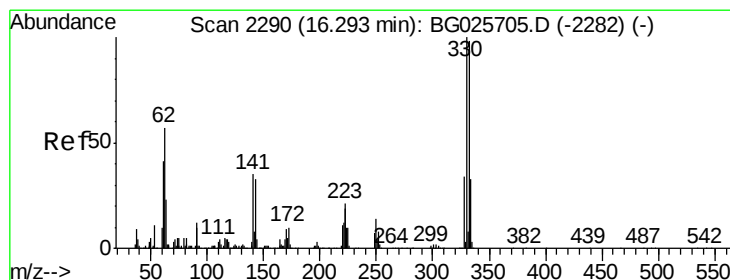
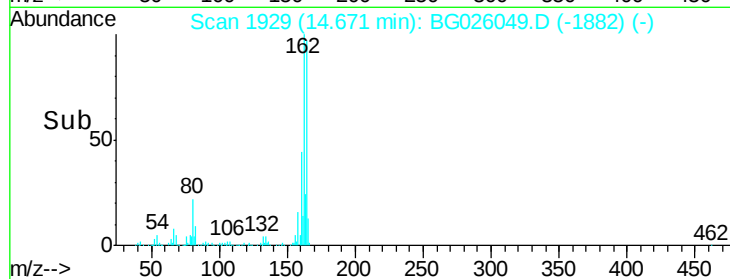
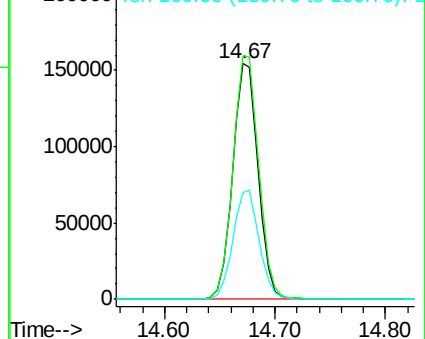
160 45.6 34.7 52.1



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



#41

2,4,6-Tribromophenol

Concen: 116.64 ng

RT: 16.15 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BG026049.D

Acq: 3 Mar 2017 3:51

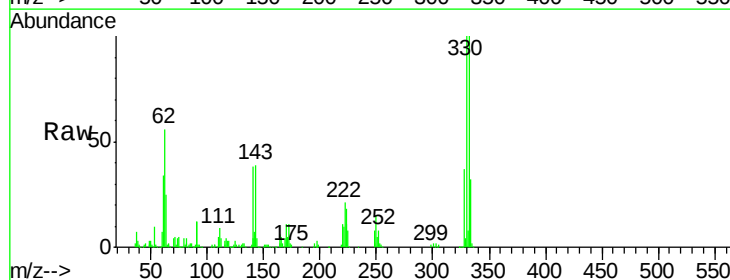
Tgt Ion:330 Resp: 269042

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

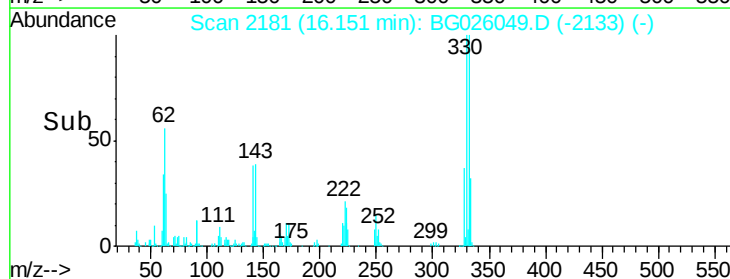
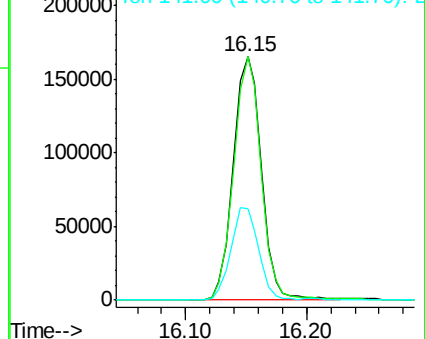
141 37.9 32.1 48.1

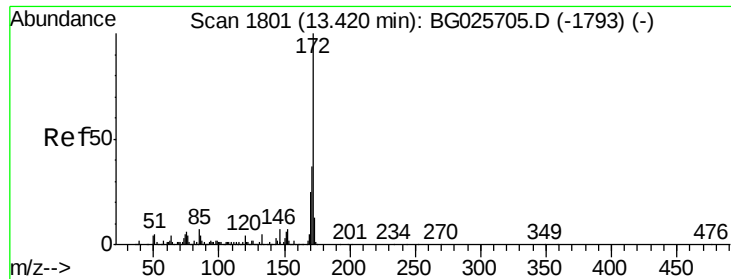


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

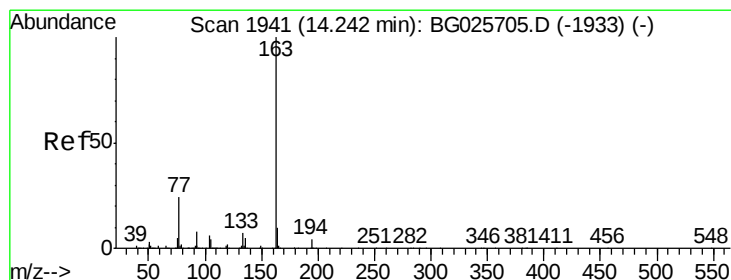
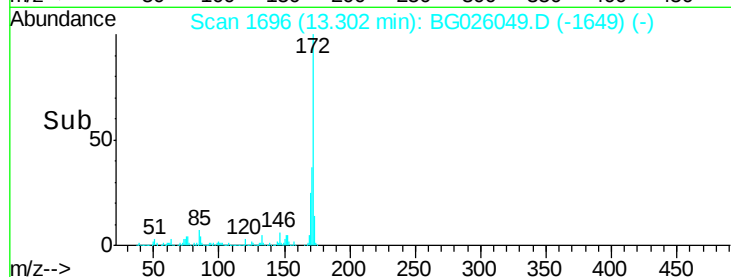
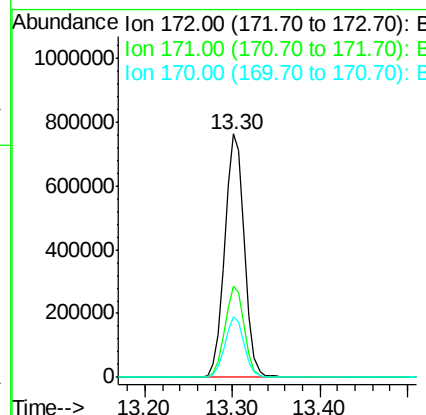
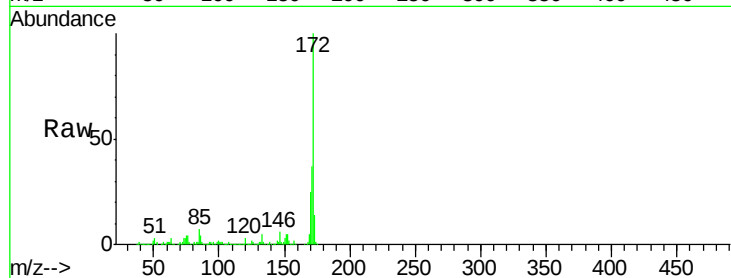




#44
 2-Fluorobiphenyl
 Concen: 83.15 ng
 RT: 13.30 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG026049.D
 Acq: 3 Mar 2017 3:51

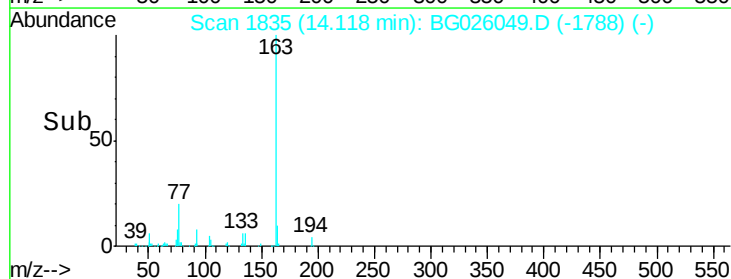
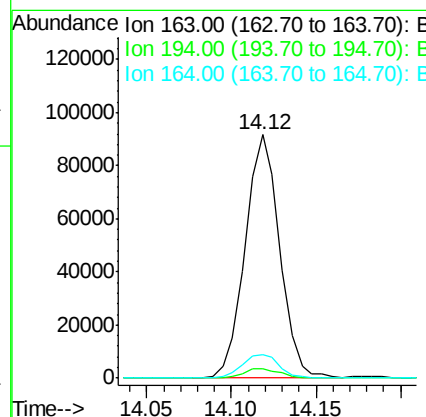
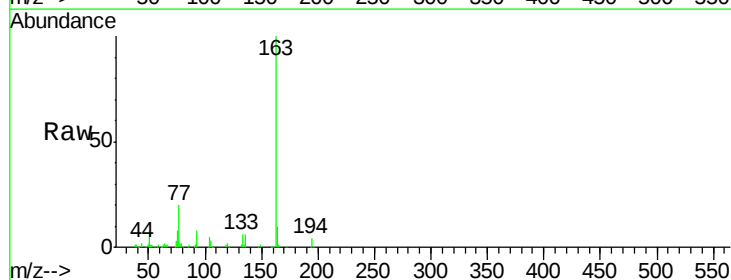
Instrument :
 BNA_G
 ClientSampleId :
 26B-4

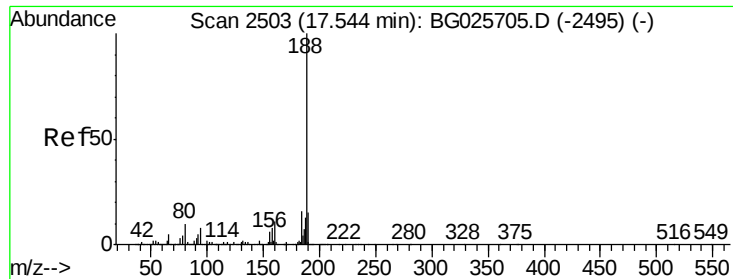
Tgt Ion:172 Resp: 1187947
 Ion Ratio Lower Upper
 172 100
 171 37.3 32.2 48.2
 170 24.9 21.8 32.6



#49
 Dimethylphthalate
 Concen: 7.63 ng
 RT: 14.12 min Scan# 1835
 Delta R.T. -0.02 min
 Lab File: BG026049.D
 Acq: 3 Mar 2017 3:51

Tgt Ion:163 Resp: 130641
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.8 5.6
 164 9.5 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.40 min Scan# 2394

Delta R.T. -0.02 min

Lab File: BG026049.D

Acq: 3 Mar 2017 3:51

Instrument :

BNA_G

ClientSampleId :

26B-4

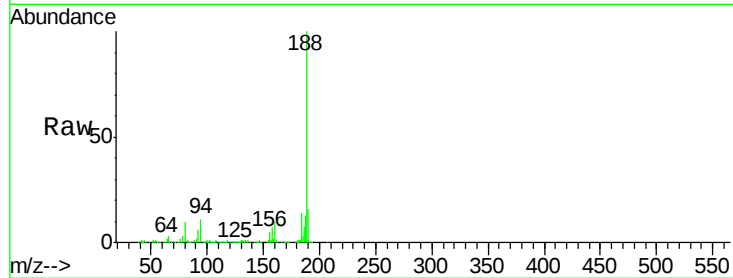
Tgt Ion:188 Resp: 580719

Ion Ratio Lower Upper

188 100

94 10.6 5.8 8.8#

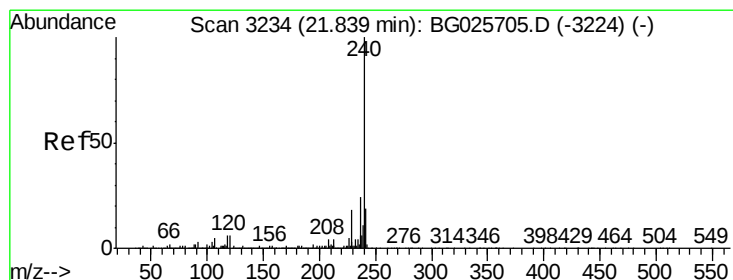
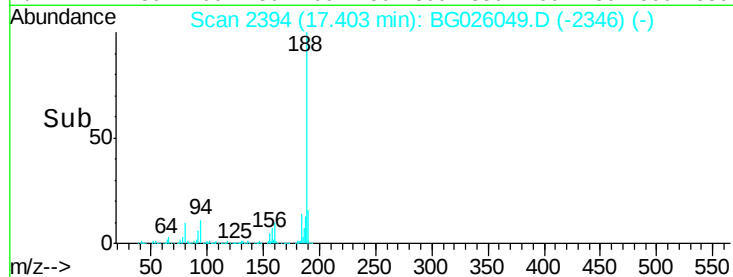
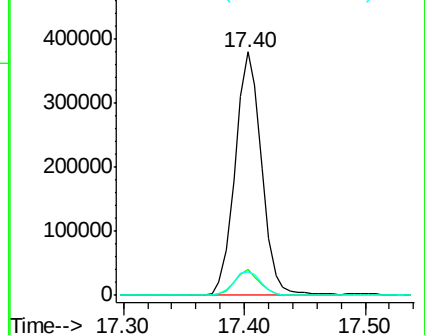
80 9.7 7.5 11.3



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.65 min Scan# 3117

Delta R.T. -0.03 min

Lab File: BG026049.D

Acq: 3 Mar 2017 3:51

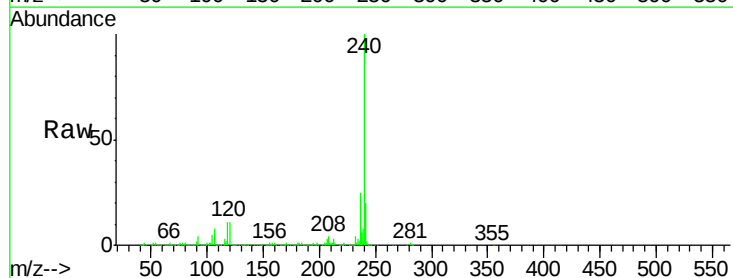
Tgt Ion:240 Resp: 530634

Ion Ratio Lower Upper

240 100

120 11.1 5.7 8.5#

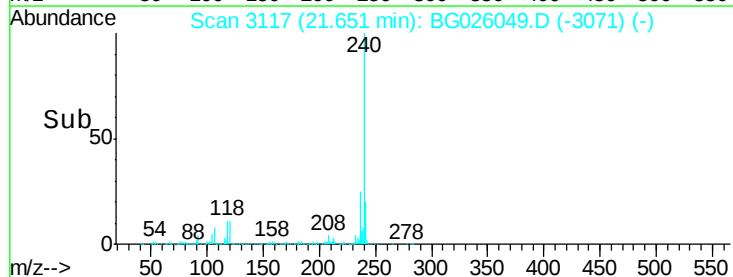
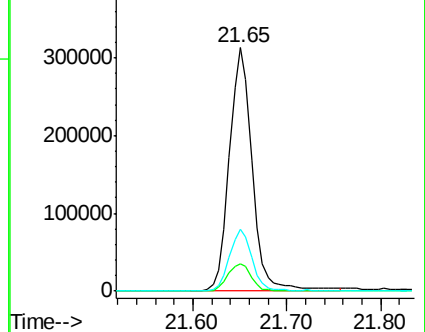
236 25.2 22.2 33.4

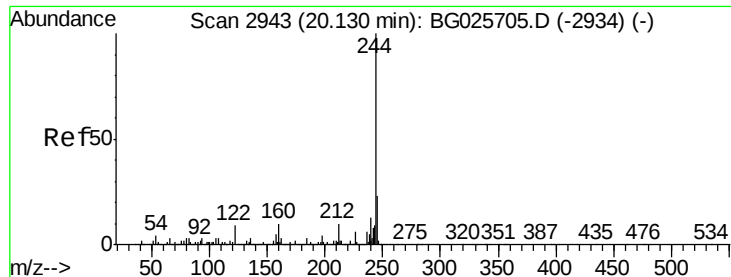


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.53 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG026049.D

Acq: 3 Mar 2017 3:51

Instrument :

BNA_G

ClientSampled :

26B-4

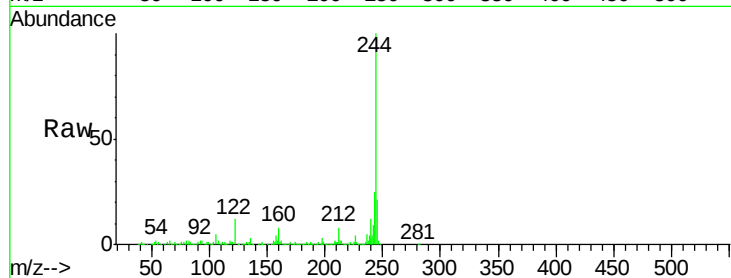
Tgt Ion:244 Resp: 1517041

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

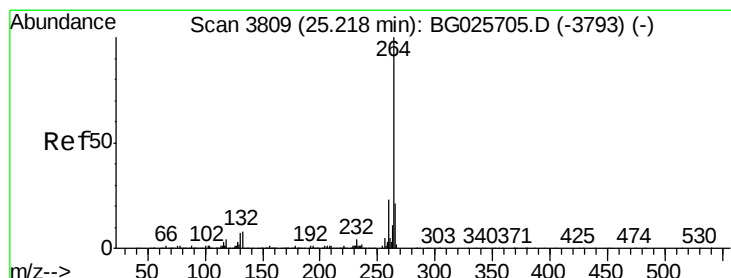
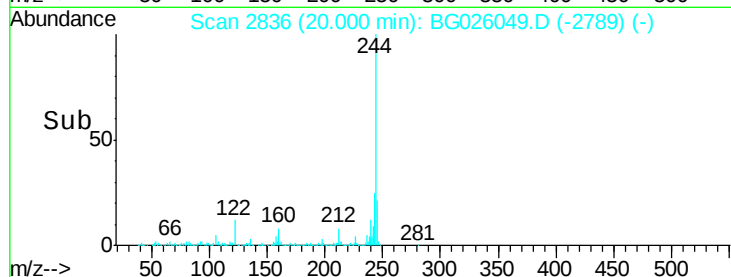
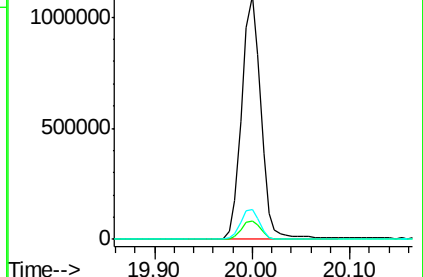
122 12.4 8.6 12.8



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.85 min Scan# 3661

Delta R.T. -0.04 min

Lab File: BG026049.D

Acq: 3 Mar 2017 3:51

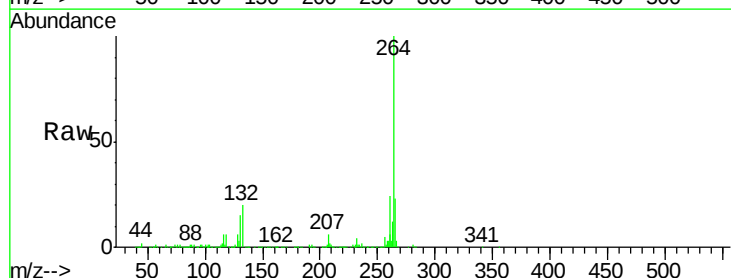
Tgt Ion:264 Resp: 503050

Ion Ratio Lower Upper

264 100

260 24.4 21.8 32.8

265 22.7 18.2 27.4



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

