

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022587.D
 Acq On : 25 Jun 2016 23:26
 Operator : UM/SJ
 Sample : H3698-02
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-22

Quant Time: Jun 26 06:49:16 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

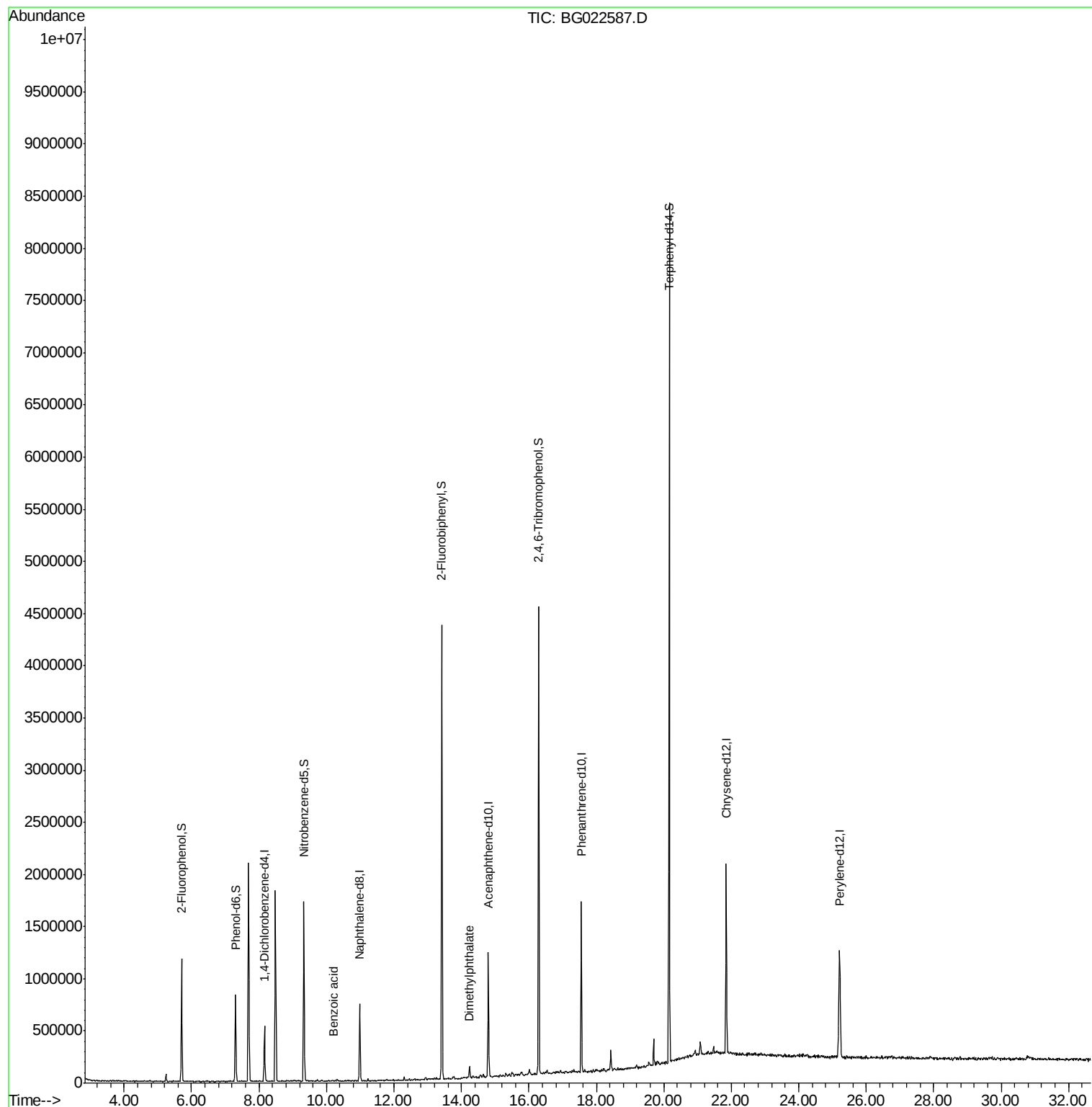
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	132055	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	567460	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	400160	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1022461	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1181432	20.00	ng	0.00
86) Perylene-d12	25.21	264	1222584	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	470691	57.17	ng	0.00
7) Phenol-d6	7.31	99	437704	37.72	ng	0.00
23) Nitrobenzene-d5	9.33	82	1091238	81.39	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	806095	128.07	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2054049	81.40	ng	0.00
78) Terphenyl-d14	20.16	244	3026010	67.86	ng	0.00
Target Compounds						
32) Benzoic acid	10.20	122	141	5.13	ng	Qvalue # 1
49) Dimethylphthalate	14.24	163	70572	2.13	ng	97

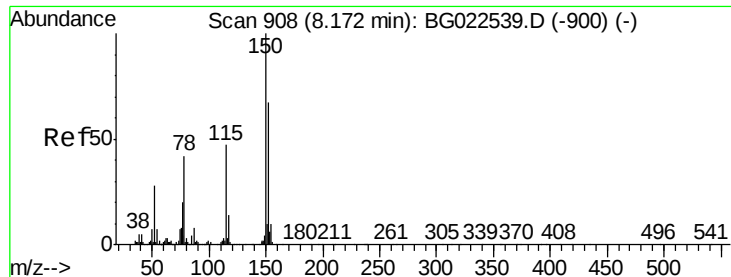
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022587.D

Acq: 25 Jun 2016 23:26

Instrument :

BNA_G

ClientSampleId :

W-22

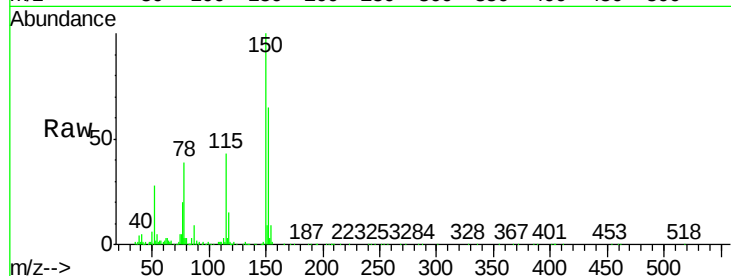
Tgt Ion:152 Resp: 132055

Ion Ratio Lower Upper

152 100

150 153.5 144.7 217.1

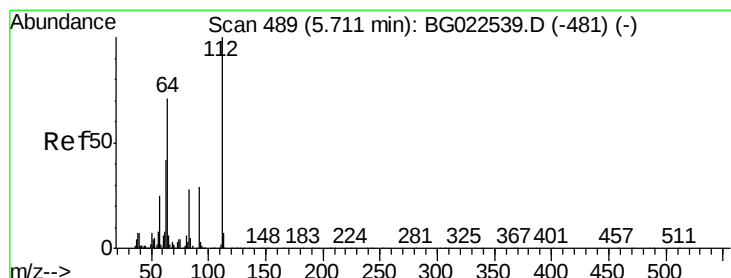
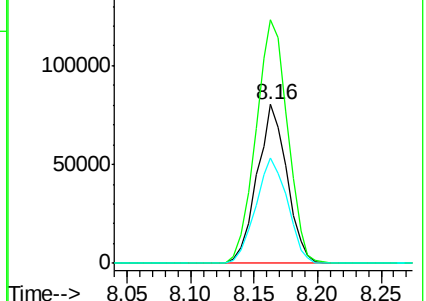
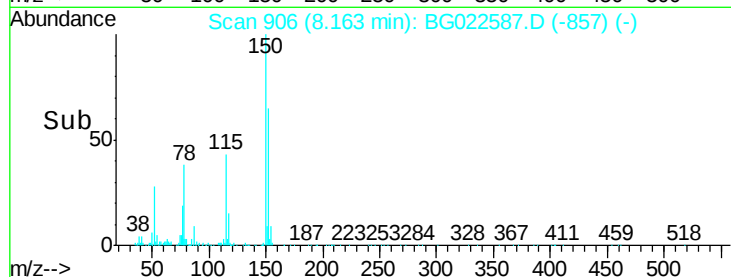
115 66.3 64.0 96.0



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: 57.17 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022587.D

Acq: 25 Jun 2016 23:26

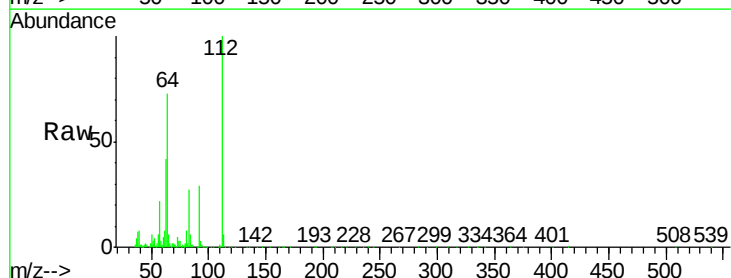
Tgt Ion:112 Resp: 470691

Ion Ratio Lower Upper

112 100

64 73.1 59.0 88.4

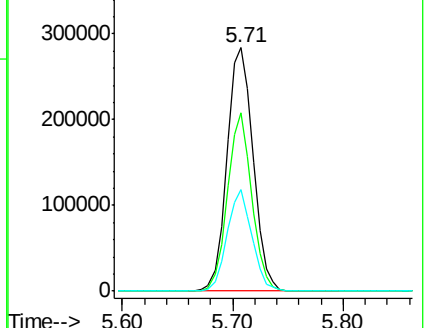
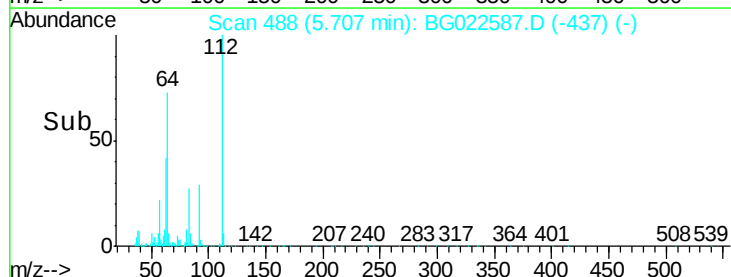
63 41.5 37.8 56.8



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: 37.72 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022587.D

Acq: 25 Jun 2016 23:26

Instrument :

BNA_G

ClientSampleId :

W-22

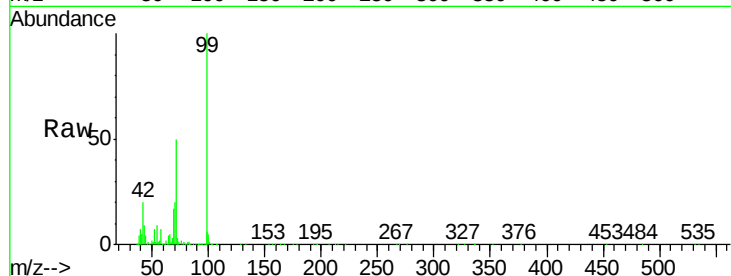
Tgt Ion: 99 Resp: 437704

Ion Ratio Lower Upper

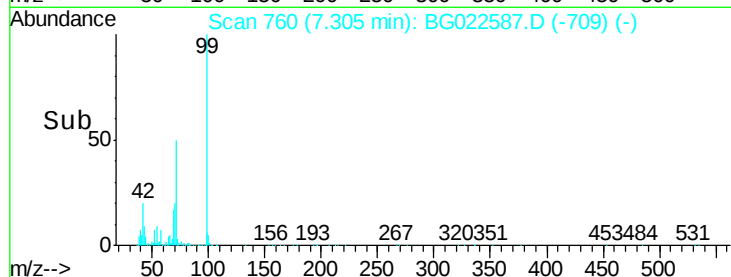
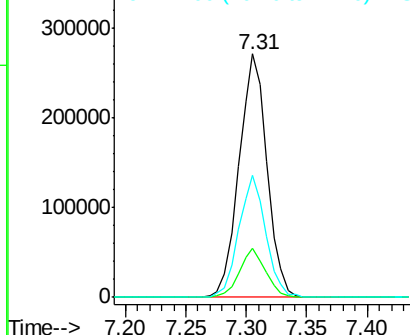
99 100

42 19.9 17.8 26.6

71 49.9 41.5 62.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BG022587.D

Acq: 25 Jun 2016 23:26

Tgt Ion: 136 Resp: 567460

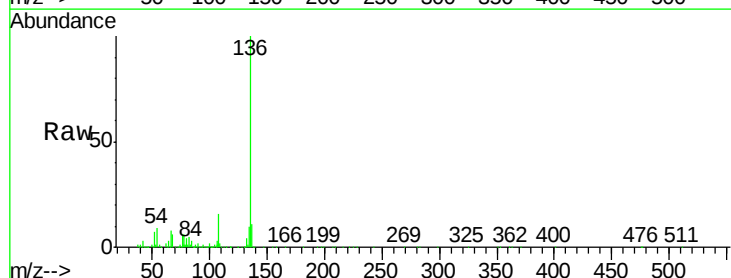
Ion Ratio Lower Upper

136 100

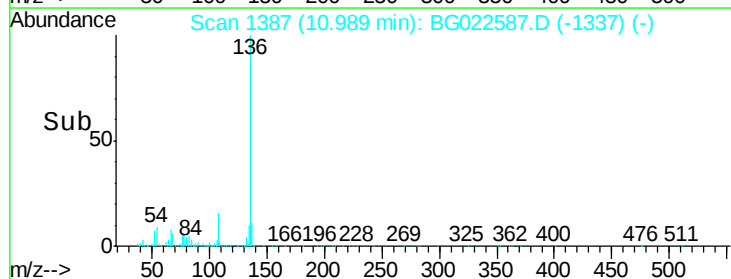
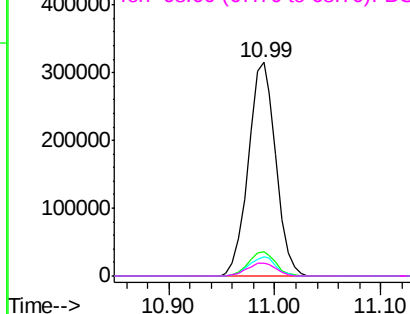
137 11.4 9.6 14.4

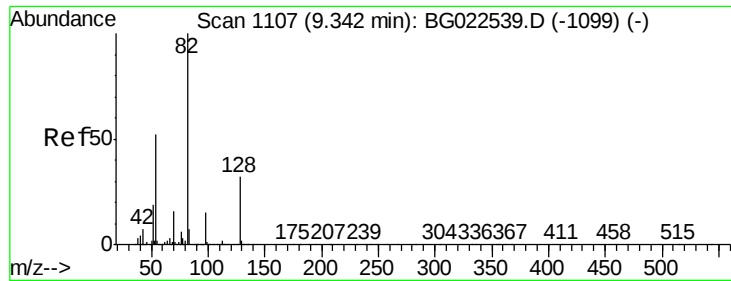
54 9.2 7.3 10.9

68 6.2 5.3 7.9



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

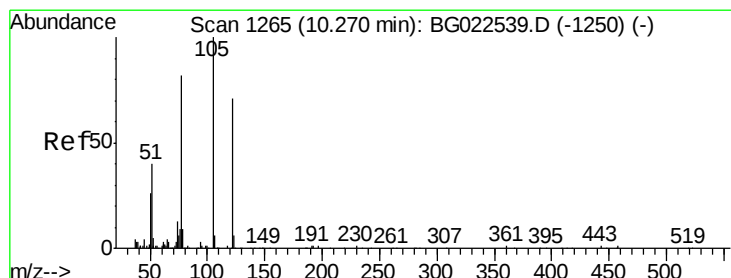
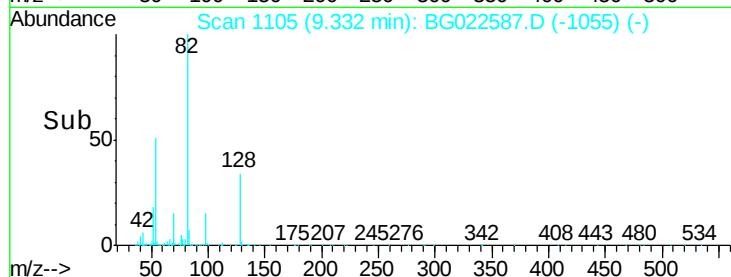
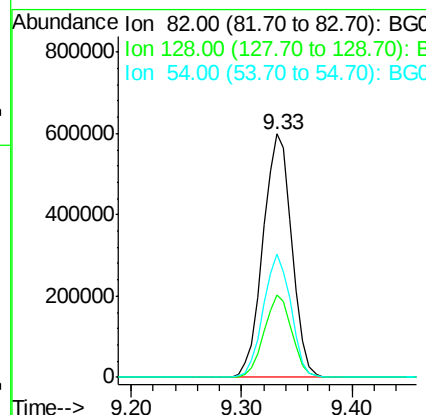
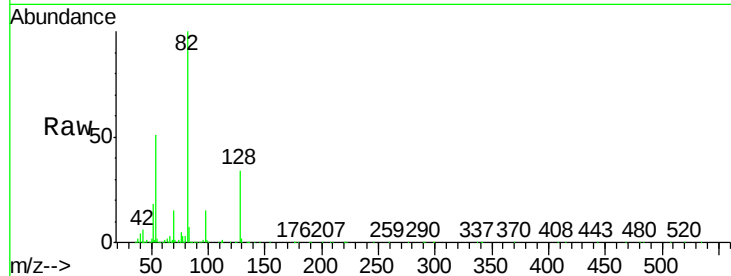




#23
 Nitrobenzene-d5
 Concen: 81.39 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BG022587.D
 Acq: 25 Jun 2016 23:26

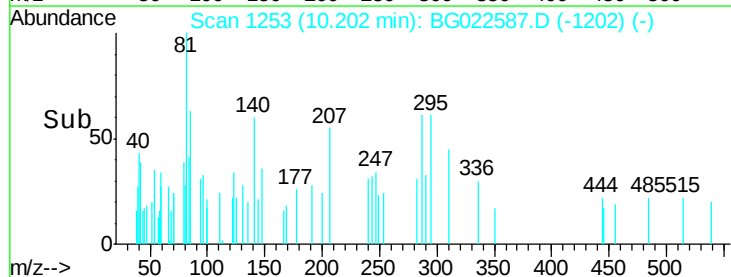
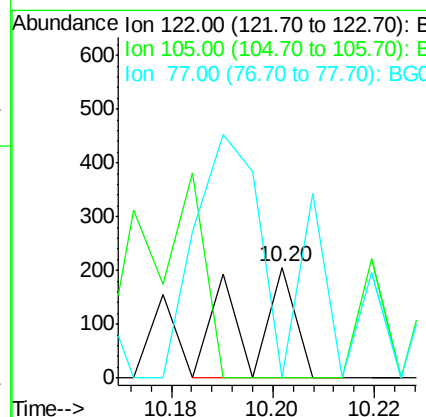
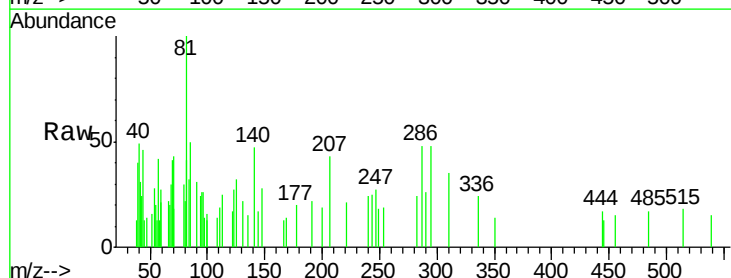
Instrument :
 BNA_G
 ClientSampleId :
 W-22

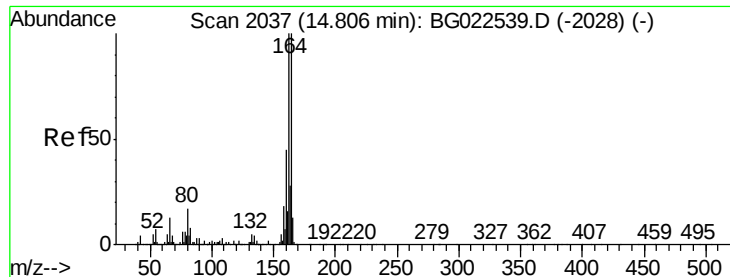
Tgt Ion: 82 Resp: 1091238
 Ion Ratio Lower Upper
 82 100
 128 34.0 24.4 36.6
 54 50.7 41.4 62.0



#32
 Benzoic acid
 Concen: 5.13 ng
 RT: 10.20 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG022587.D
 Acq: 25 Jun 2016 23:26

Tgt Ion: 122 Resp: 141
 Ion Ratio Lower Upper
 122 100
 105 0.0 117.2 157.2#
 77 0.0 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022587.D

Acq: 25 Jun 2016 23:26

Instrument :

BNA_G

ClientSampleId :

W-22

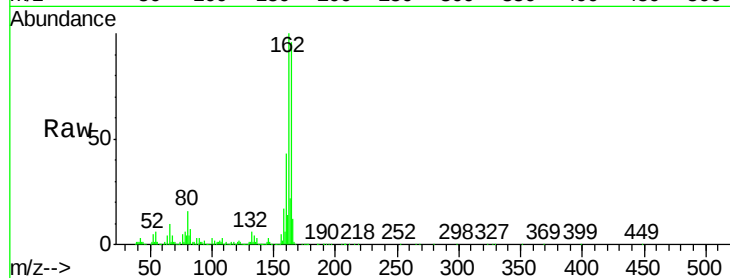
Tgt Ion:164 Resp: 400160

Ion Ratio Lower Upper

164 100

162 103.9 87.7 131.5

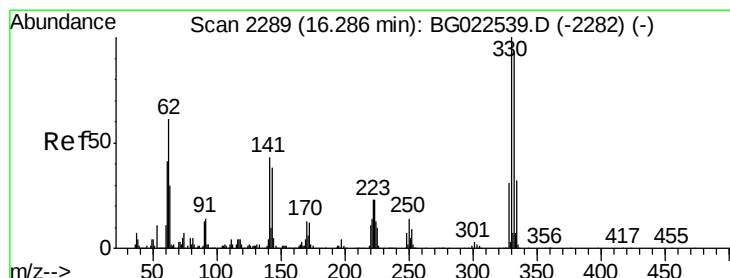
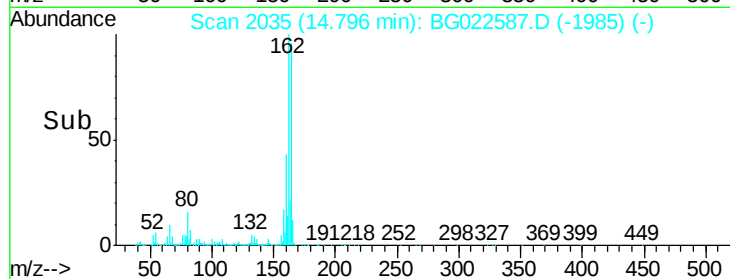
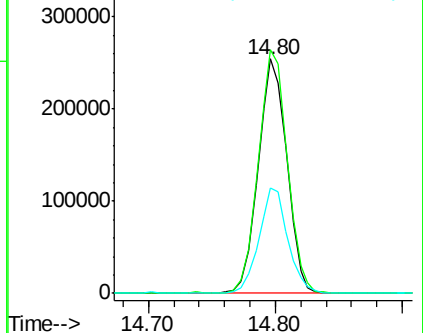
160 45.1 37.2 55.8



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: 128.07 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022587.D

Acq: 25 Jun 2016 23:26

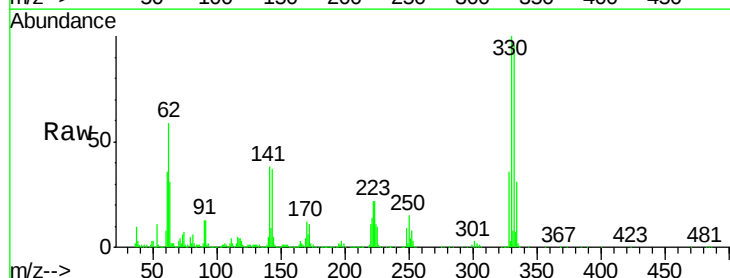
Tgt Ion:330 Resp: 806095

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

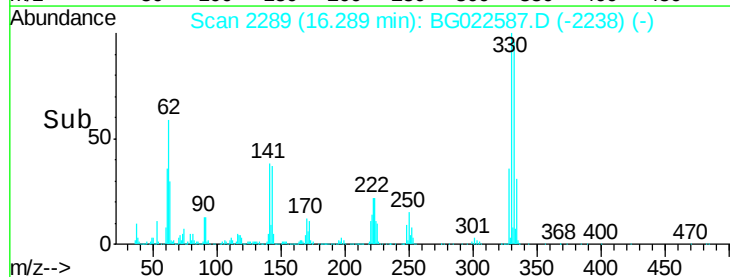
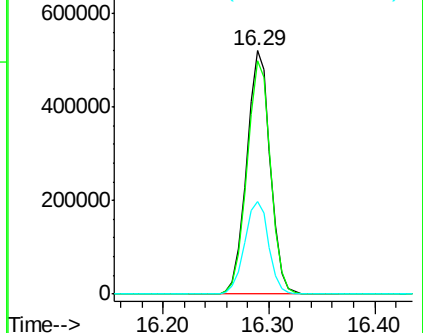
141 39.0 31.7 47.5

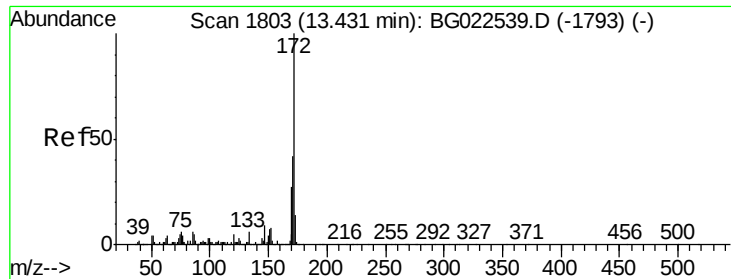


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

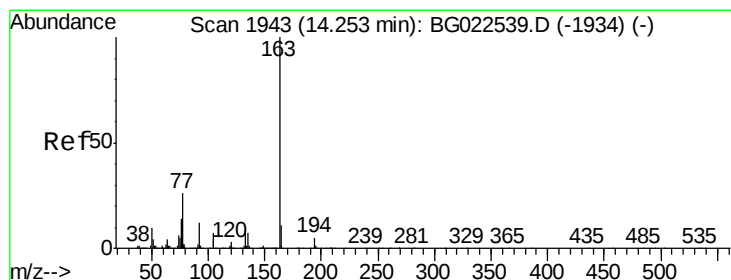
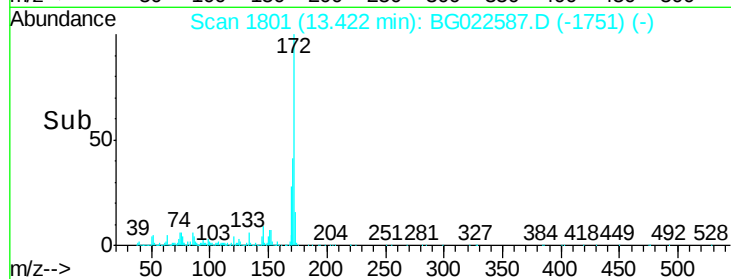
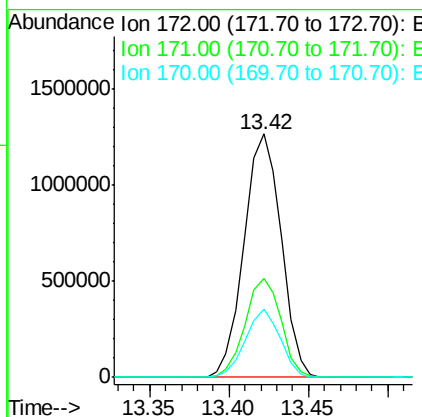
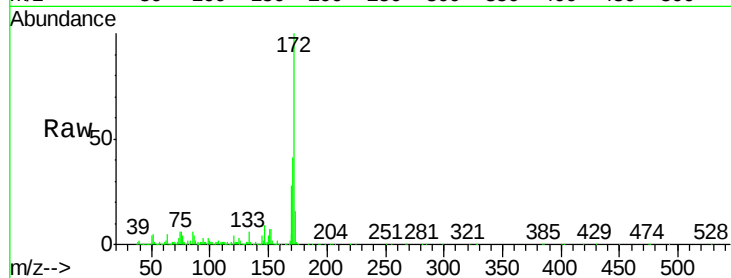




#44
2-Fluorobiphenyl
Concen: 81.40 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG022587.D
Acq: 25 Jun 2016 23:26

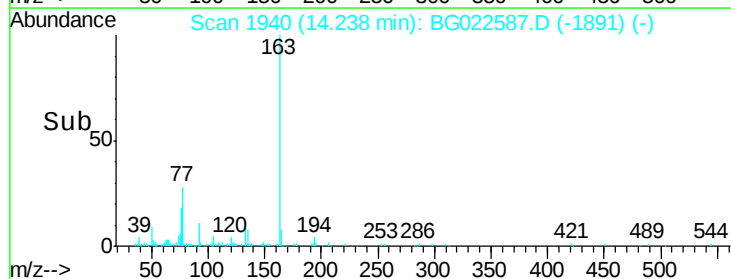
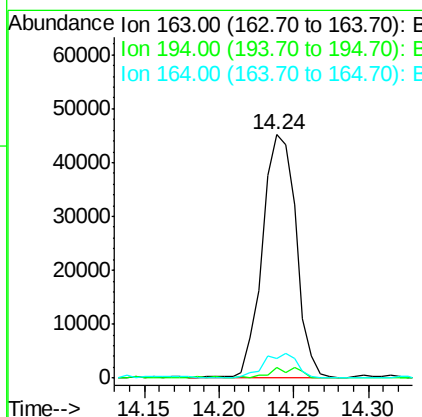
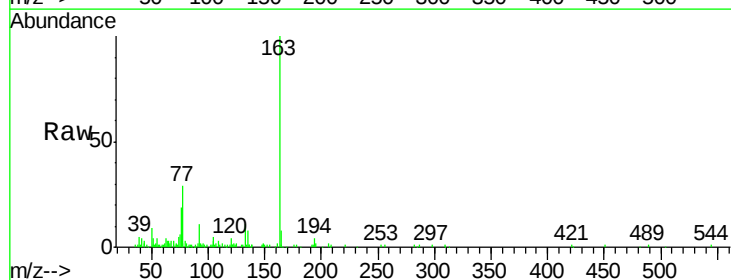
Instrument :
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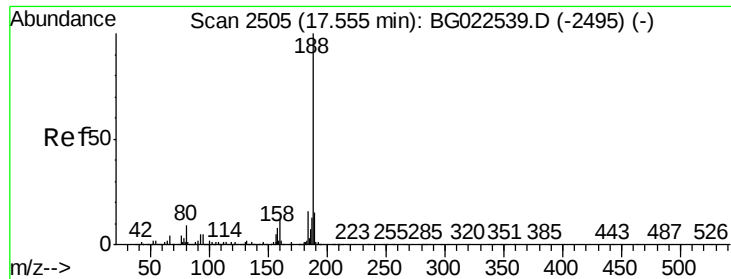
Tgt Ion:172 Resp: 2054049
Ion Ratio Lower Upper
172 100
171 40.9 31.6 47.4
170 28.1 21.3 31.9



#49
Dimethylphthalate
Concen: 2.13 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022587.D
Acq: 25 Jun 2016 23:26

Tgt Ion:163 Resp: 70572
Ion Ratio Lower Upper
163 100
194 4.4 3.6 5.4
164 8.3 8.1 12.1

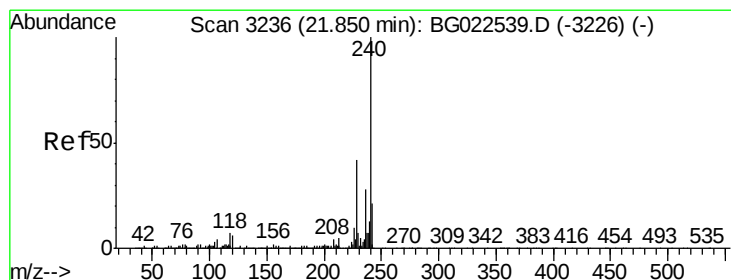
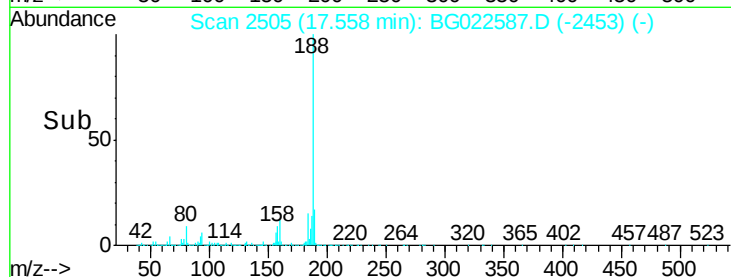
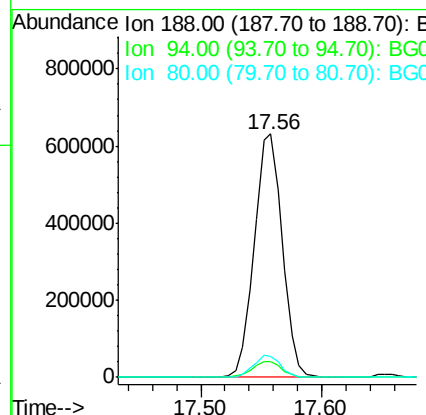
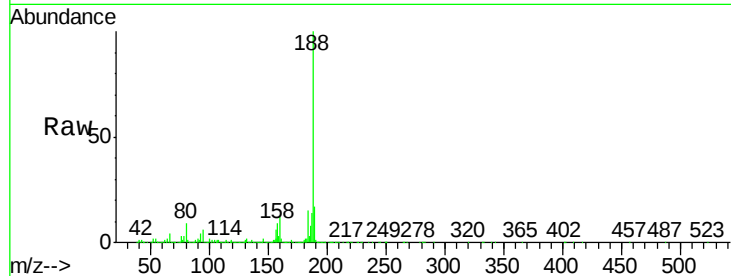




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022587.D
Acq: 25 Jun 2016 23:26

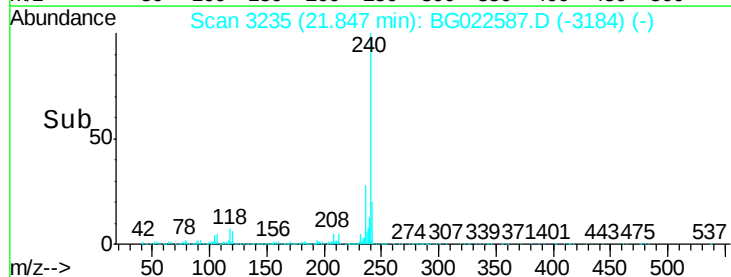
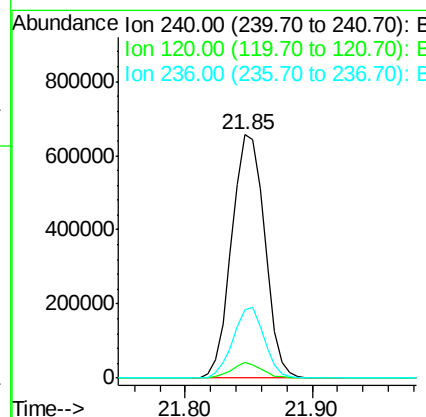
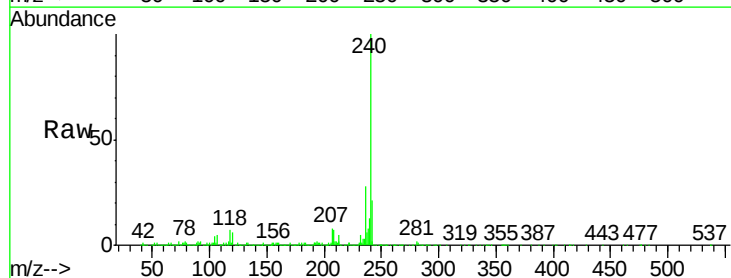
Instrument :
BNA_G
ClientSampleId :
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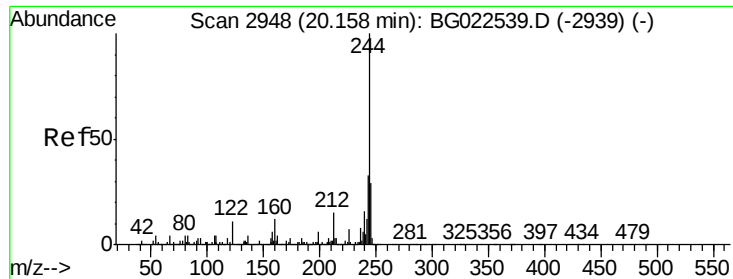
Tgt Ion:188 Resp: 1022461
Ion Ratio Lower Upper
188 100
94 6.4 5.2 7.8
80 8.6 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. 0.00 min
Lab File: BG022587.D
Acq: 25 Jun 2016 23:26

Tgt Ion:240 Resp: 1181432
Ion Ratio Lower Upper
240 100
120 6.4 4.1 6.1#
236 28.1 21.1 31.7





#78

Terphenyl-d14

Concen: 67.86 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022587.D

Acq: 25 Jun 2016 23:26

Instrument :

BNA_G

ClientSampleId :

W-22

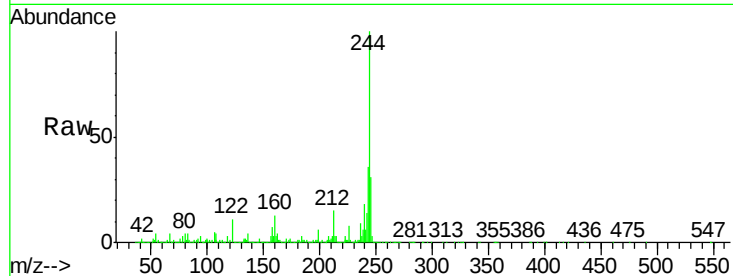
Tgt Ion:244 Resp: 3026010

Ion	Ratio	Lower	Upper
244	100		
212	14.6	10.8	16.2
122	11.1	8.0	12.0

244 100

212 14.6 10.8 16.2

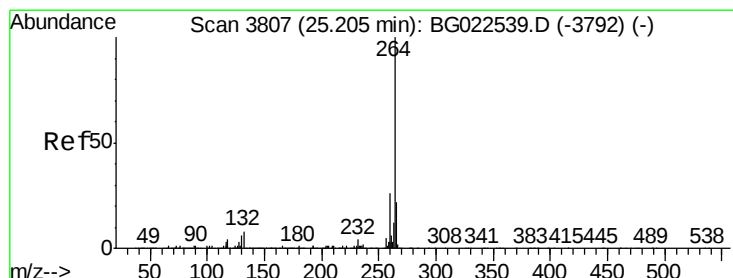
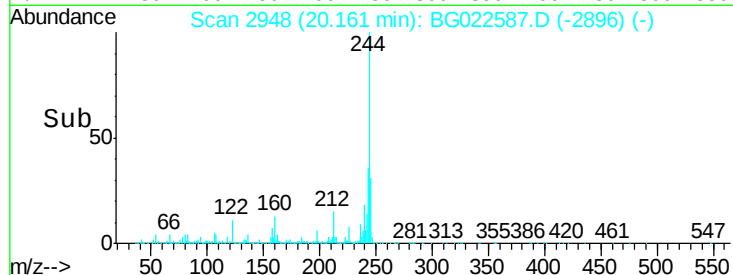
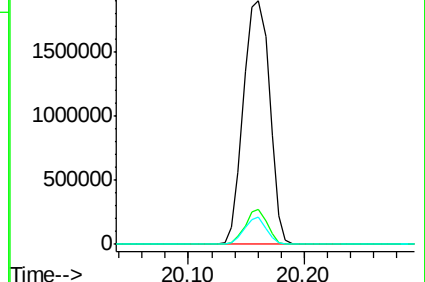
122 11.1 8.0 12.0



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: 25.21 min Scan# 3807

Delta R.T. 0.00 min

Lab File: BG022587.D

Acq: 25 Jun 2016 23:26

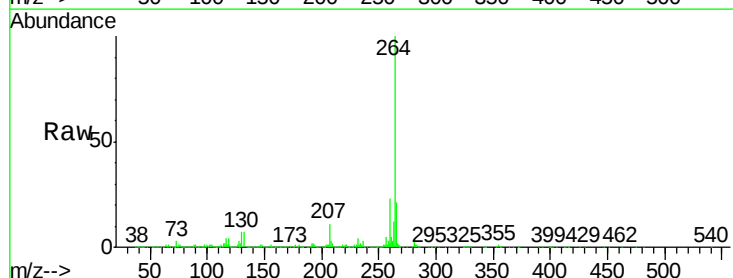
Tgt Ion:264 Resp: 1222584

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.4	27.6
265	21.2	18.9	28.3

264 100

260 22.7 18.4 27.6

265 21.2 18.9 28.3



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

