

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027320.D
 Acq On : 31 Aug 2023 21:55
 Operator : MA/JU
 Sample : 04128-03
 Misc :
 ALS Vial : 101 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW10-MW01S-20230822

Quant Time: Sep 01 04:03:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 05:37:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

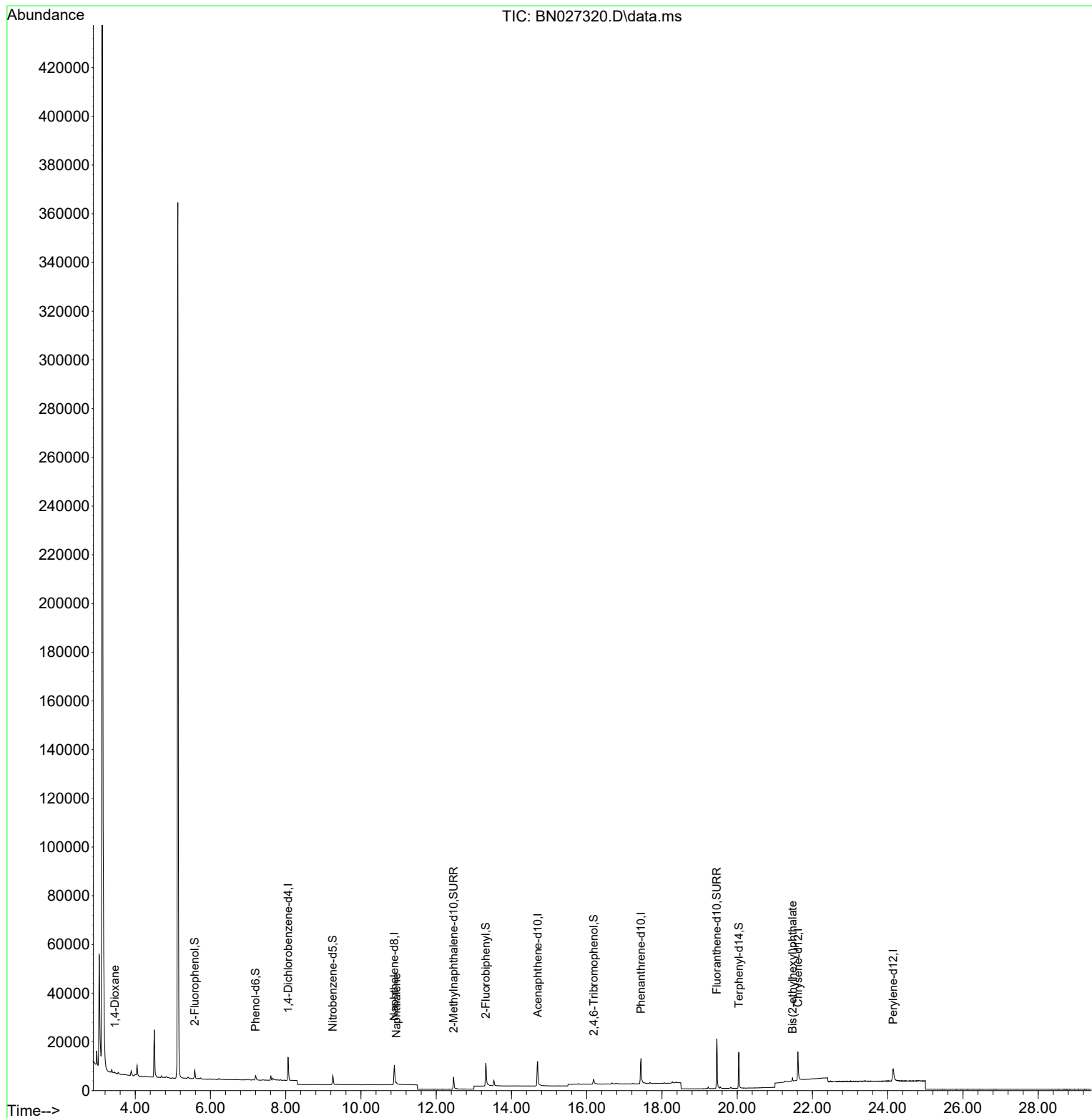
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	4927	0.400	ng	0.00
7) Naphthalene-d8	10.885	136	12661	0.400	ng	-0.01
13) Acenaphthene-d10	14.694	164	7604	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	18685	0.400	ng	# 0.00
29) Chrysene-d12	21.614	240	13212	0.400	ng	0.00
35) Perylene-d12	24.145	264	10776	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	2819	0.219	ng	0.00
5) Phenol-d6	7.199	99	1985	0.127	ng	0.00
8) Nitrobenzene-d5	9.251	82	3390	0.367	ng	-0.01
11) 2-Methylnaphthalene-d10	12.460	152	7903	0.425	ng	-0.01
14) 2,4,6-Tribromophenol	16.189	330	1489	0.529	ng	0.00
15) 2-Fluorobiphenyl	13.315	172	10634	0.368	ng	-0.01
27) Fluoranthene-d10	19.458	212	25006	0.538	ng	0.00
31) Terphenyl-d14	20.043	244	15090	0.569	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.458	88	460	0.076	ng	# 27
9) Naphthalene	10.938	128	854	0.025	ng	# 70
34) Bis(2-ethylhexyl)phtha...	21.471	149	1340	0.061	ng	94

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

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RW10-MW01S-20230822

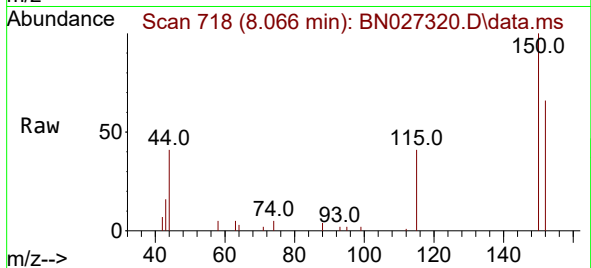
Quant Time: Sep 01 04:03:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration



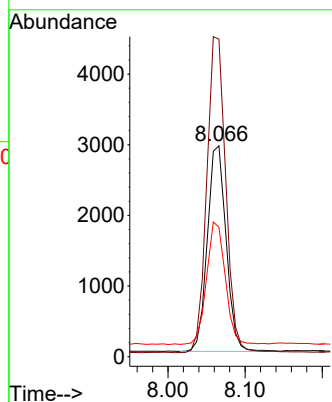
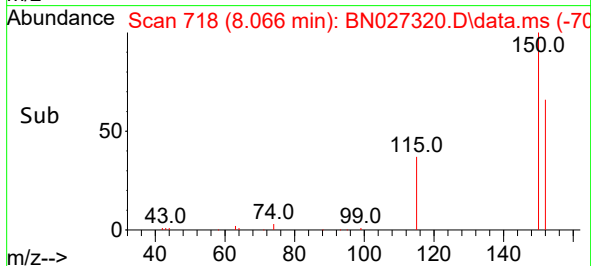


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.066 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN027320.D
 Acq: 31 Aug 2023 21:55

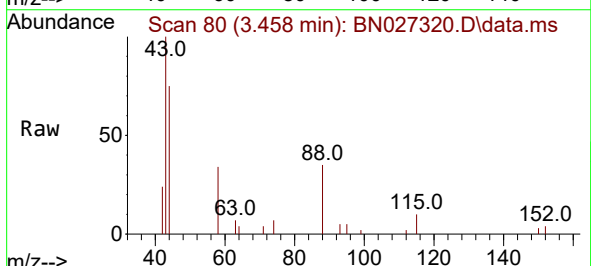
Instrument :
 BNA_N
 ClientSampleId :
 RW10-MW01S-20230822



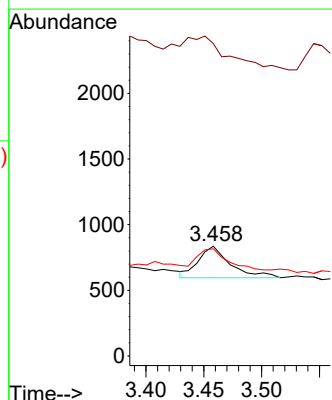
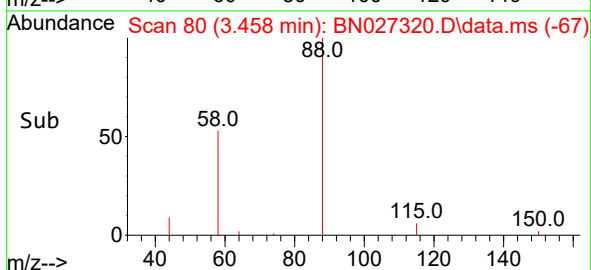
Tgt Ion:152 Resp: 4927
 Ion Ratio Lower Upper
 152 100
 150 150.5 122.7 184.1
 115 61.4 48.6 73.0



#2
 1,4-Dioxane
 Concen: 0.076 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: BN027320.D
 Acq: 31 Aug 2023 21:55



Tgt Ion: 88 Resp: 460
 Ion Ratio Lower Upper
 88 100
 43 147.6 19.1 28.7#
 58 59.6 52.2 78.2





#4

2-Fluorophenol

Concen: 0.219 ng

RT: 5.582 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN027320.D

Acq: 31 Aug 2023 21:55

Instrument :

BNA_N

ClientSampleId :

RW10-MW01S-20230822

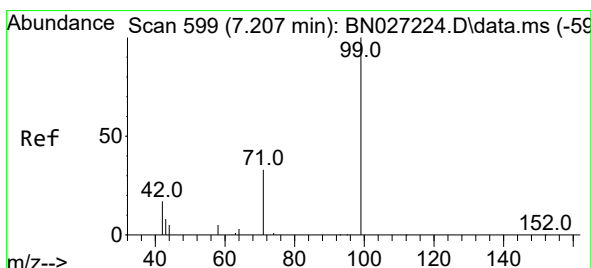
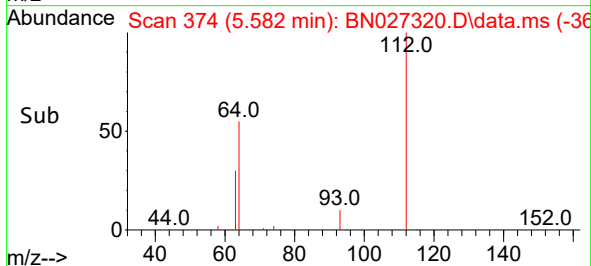
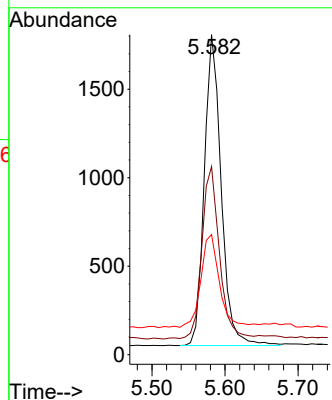
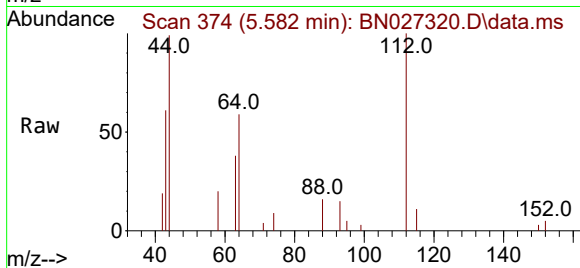
Tgt Ion:112 Resp: 2819

Ion Ratio Lower Upper

112 100

64 57.8 44.4 66.6

63 33.2 23.1 34.7



#5

Phenol-d6

Concen: 0.127 ng

RT: 7.199 min Scan# 598

Delta R.T. -0.007 min

Lab File: BN027320.D

Acq: 31 Aug 2023 21:55

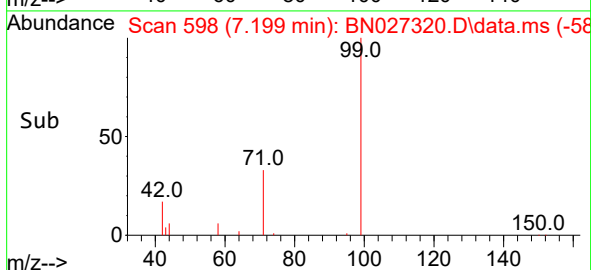
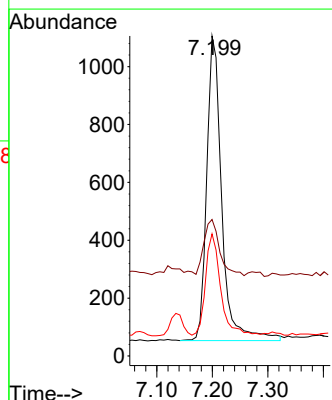
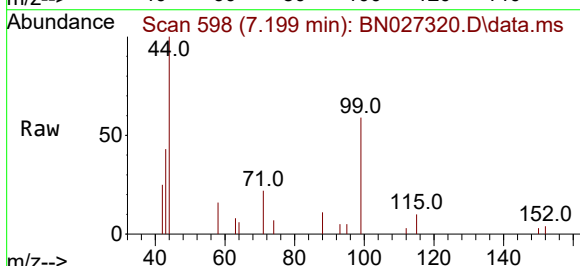
Tgt Ion: 99 Resp: 1985

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 33.1 25.8 38.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.885 min Scan# 994

Delta R.T. -0.011 min

Lab File: BN027320.D

Acq: 31 Aug 2023 21:55

Instrument :

BNA_N

ClientSampleId :

RW10-MW01S-20230822

Tgt Ion:136 Resp: 12661

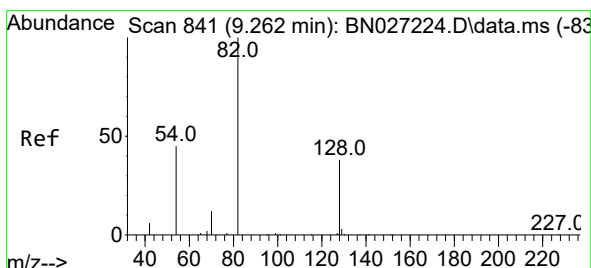
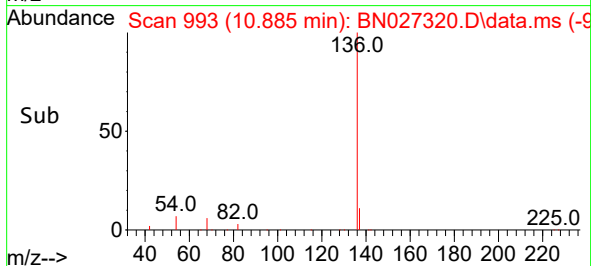
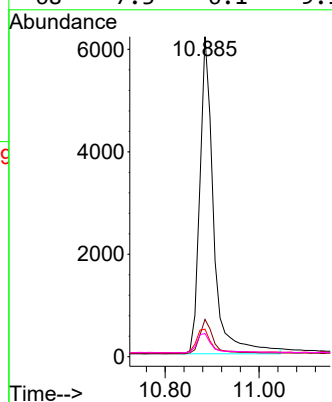
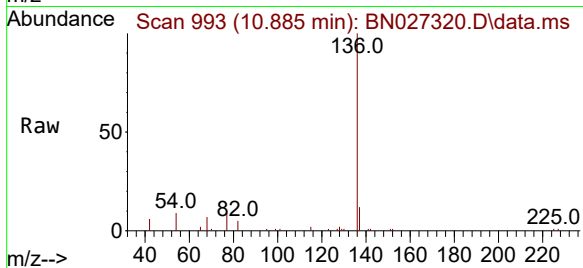
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 8.6 6.7 10.1

68 7.3 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.367 ng

RT: 9.251 min Scan# 840

Delta R.T. -0.011 min

Lab File: BN027320.D

Acq: 31 Aug 2023 21:55

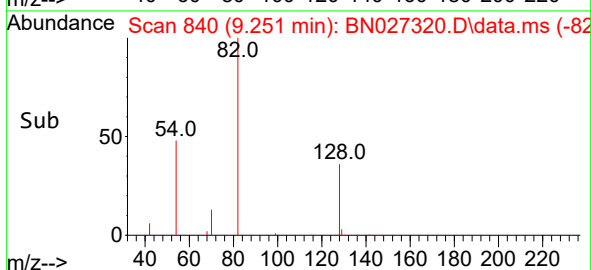
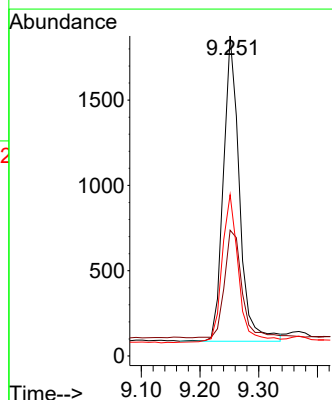
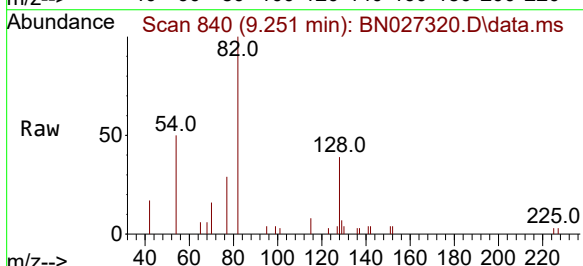
Tgt Ion: 82 Resp: 3390

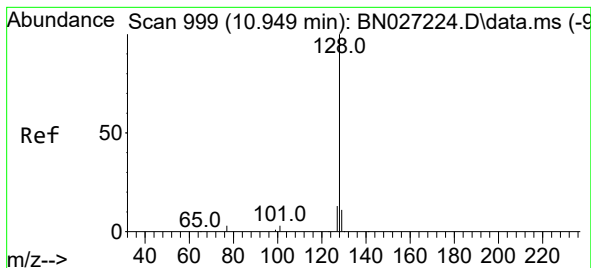
Ion Ratio Lower Upper

82 100

128 39.3 33.4 50.0

54 50.4 37.7 56.5





#9

Naphthalene

Concen: 0.025 ng

RT: 10.938 min Scan# 999

Delta R.T. -0.011 min

Lab File: BN027320.D

Acq: 31 Aug 2023 21:55

Instrument :

BNA_N

ClientSampleId :

RW10-MW01S-20230822

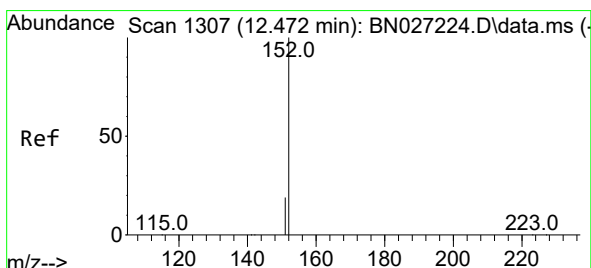
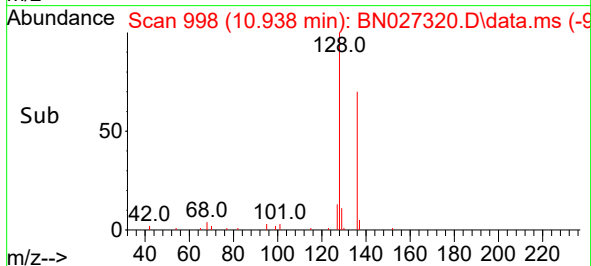
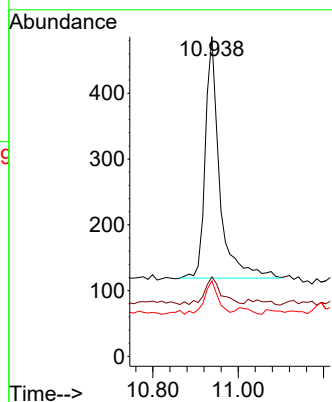
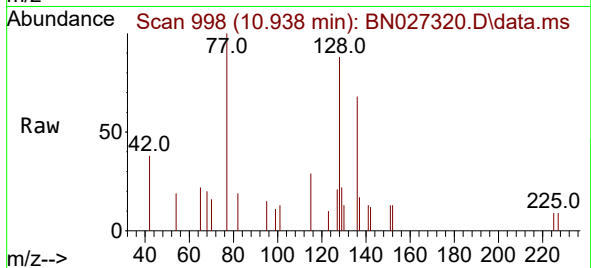
Tgt Ion:128 Resp: 854

Ion Ratio Lower Upper

128 100

129 24.9 9.4 14.0#

127 23.7 10.6 15.8#



#11

2-Methylnaphthalene-d10

Concen: 0.425 ng

RT: 12.460 min Scan# 1304

Delta R.T. -0.011 min

Lab File: BN027320.D

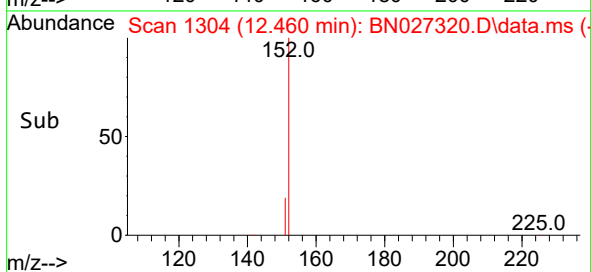
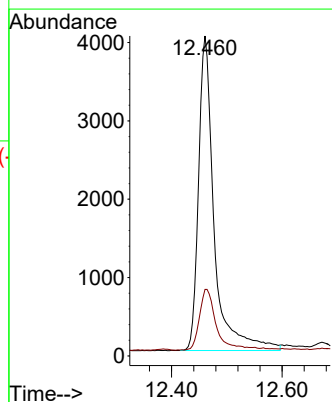
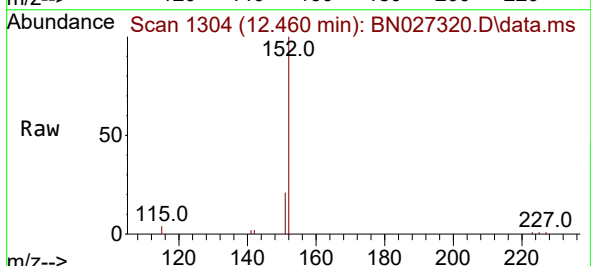
Acq: 31 Aug 2023 21:55

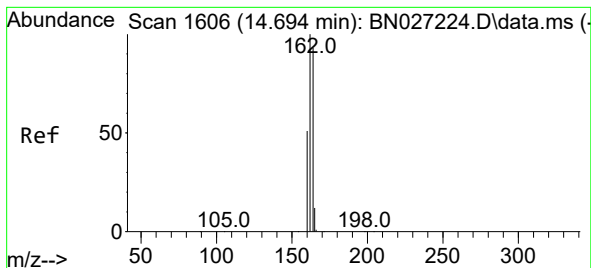
Tgt Ion:152 Resp: 7903

Ion Ratio Lower Upper

152 100

151 20.9 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.694 min Scan# 1606

Delta R.T. -0.000 min

Lab File: BN027320.D

Acq: 31 Aug 2023 21:55

Instrument :

BNA_N

ClientSampleId :

RW10-MW01S-20230822

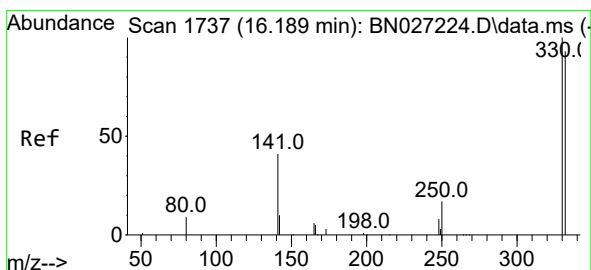
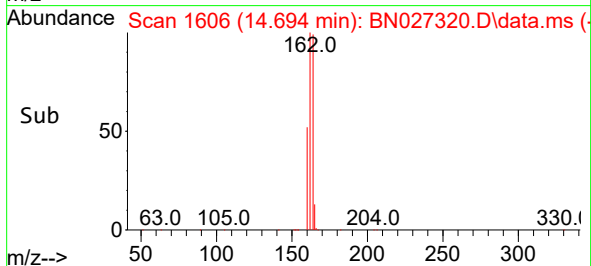
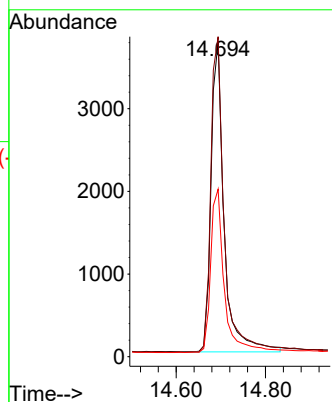
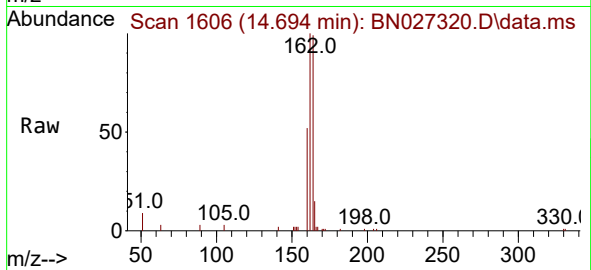
Tgt Ion:164 Resp: 7604

Ion Ratio Lower Upper

164 100

162 101.5 85.8 128.8

160 53.1 44.2 66.2



#14

2,4,6-Tribromophenol

Concen: 0.529 ng

RT: 16.189 min Scan# 1737

Delta R.T. -0.000 min

Lab File: BN027320.D

Acq: 31 Aug 2023 21:55

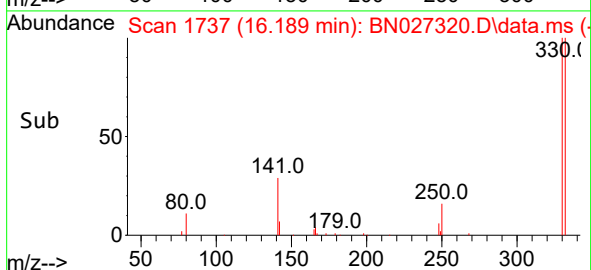
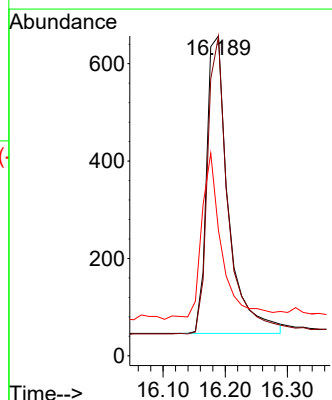
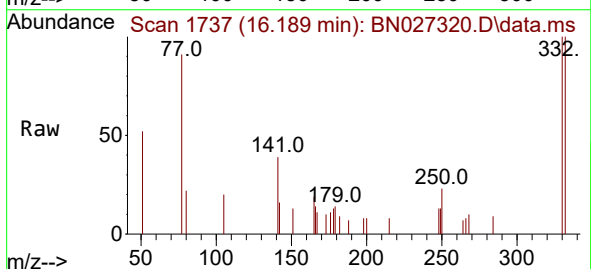
Tgt Ion:330 Resp: 1489

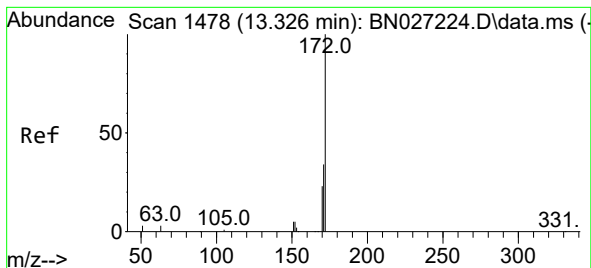
Ion Ratio Lower Upper

330 100

332 95.4 75.2 112.8

141 48.6 36.2 54.4





#15

2-Fluorobiphenyl

Concen: 0.368 ng

RT: 13.315 min Scan# 1478

Delta R.T. -0.011 min

Lab File: BN027320.D

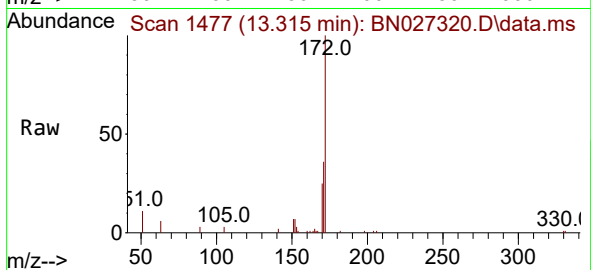
Acq: 31 Aug 2023 21:55

Instrument :

BNA_N

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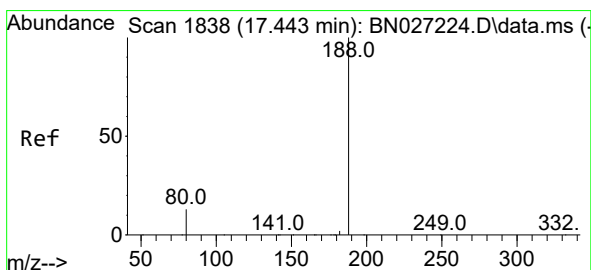
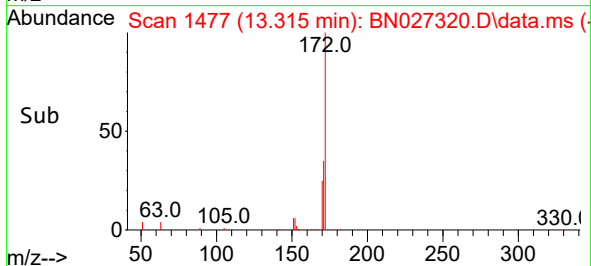
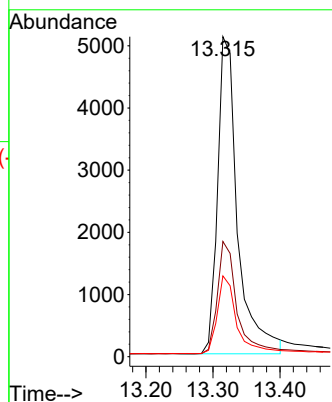
Tgt Ion:172 Resp: 10634

Ion Ratio Lower Upper

172 100

171 36.0 27.8 41.8

170 25.2 19.3 28.9



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.443 min Scan# 1838

Delta R.T. -0.000 min

Lab File: BN027320.D

Acq: 31 Aug 2023 21:55

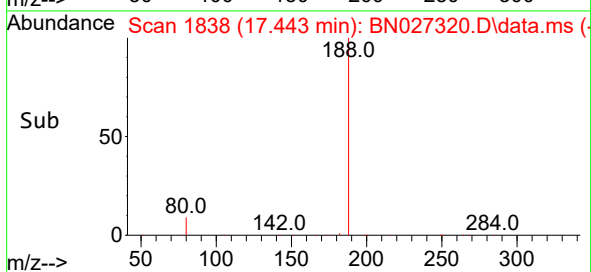
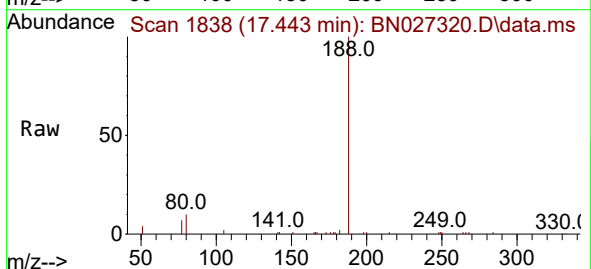
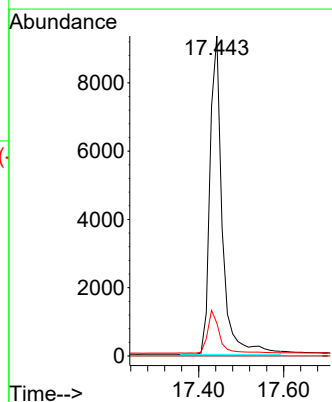
Tgt Ion:188 Resp: 18685

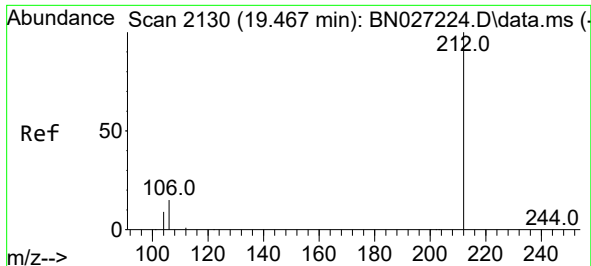
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.3 11.0 16.6#

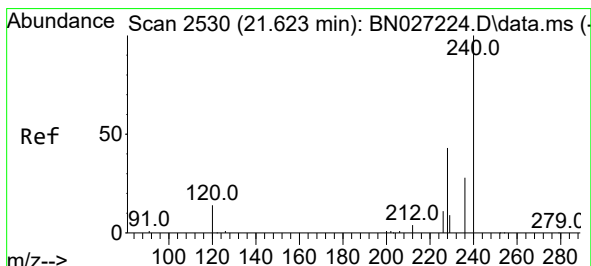
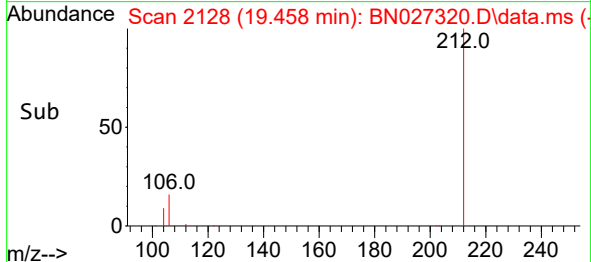
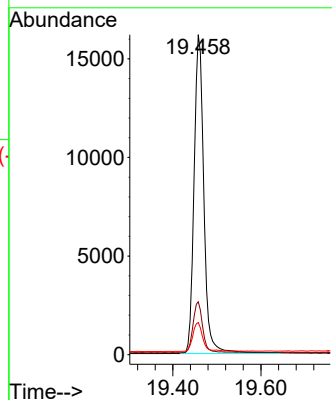
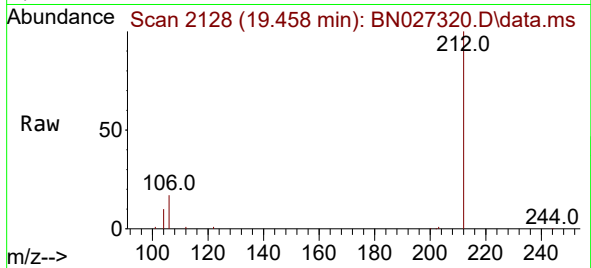




#27
Fluoranthene-d10
Concen: 0.538 ng
RT: 19.458 min Scan# 2128
Delta R.T. -0.009 min
Lab File: BN027320.D
Acq: 31 Aug 2023 21:55

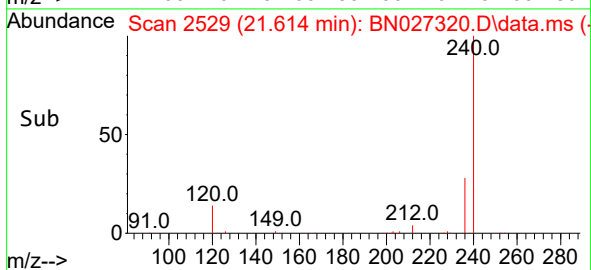
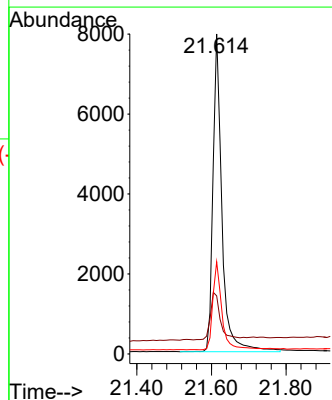
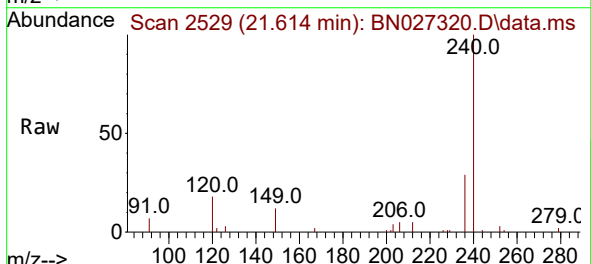
Instrument :
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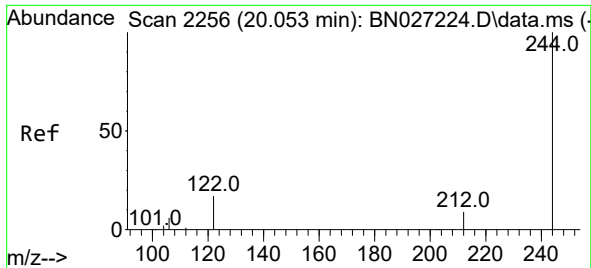
Tgt Ion:212 Resp: 25006
Ion Ratio Lower Upper
212 100
106 15.7 12.1 18.1
104 9.3 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.614 min Scan# 2529
Delta R.T. -0.009 min
Lab File: BN027320.D
Acq: 31 Aug 2023 21:55

Tgt Ion:240 Resp: 13212
Ion Ratio Lower Upper
240 100
120 18.2 14.2 21.4
236 28.8 22.9 34.3

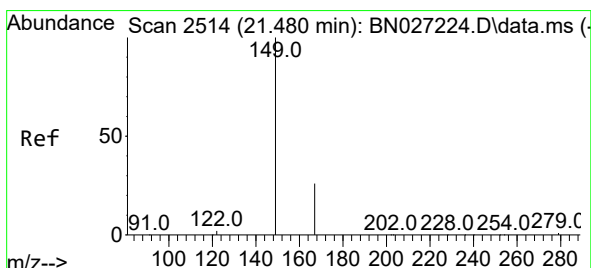
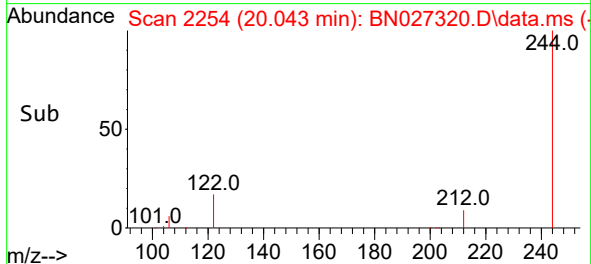
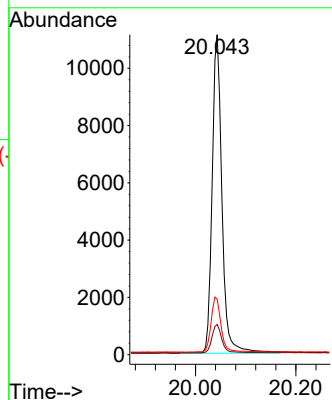
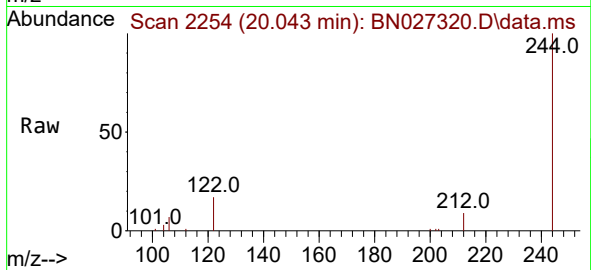




#31
Terphenyl-d14
Concen: 0.569 ng
RT: 20.043 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN027320.D
Acq: 31 Aug 2023 21:55

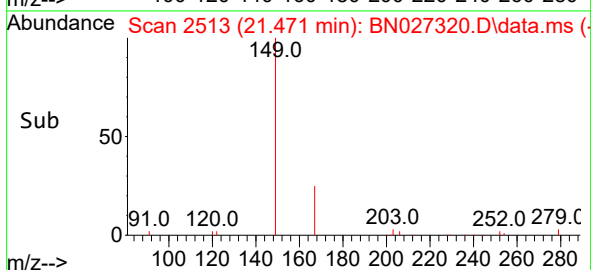
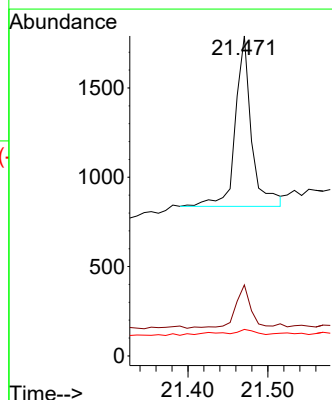
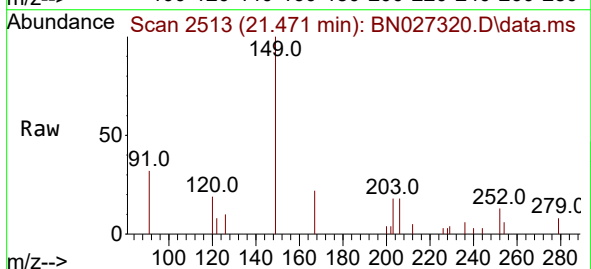
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RW10-MW01S-20230822

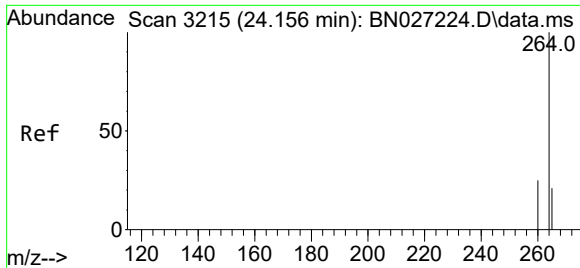
Tgt Ion:244 Resp: 15090
Ion Ratio Lower Upper
244 100
212 9.4 7.5 11.3
122 17.4 14.0 21.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.061 ng
RT: 21.471 min Scan# 2513
Delta R.T. -0.009 min
Lab File: BN027320.D
Acq: 31 Aug 2023 21:55

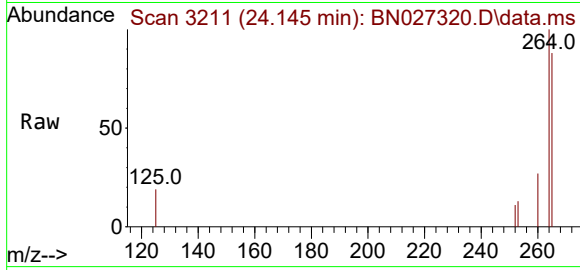
Tgt Ion:149 Resp: 1340
Ion Ratio Lower Upper
149 100
167 24.5 22.1 33.1
279 2.8 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.145 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BN027320.D
 Acq: 31 Aug 2023 21:55

Instrument :
 BNA_N
 ClientSampleId :
 RW10-MW01S-20230822



Tgt Ion:264 Resp: 10776
 Ion Ratio Lower Upper
 264 100
 260 26.9 20.7 31.1
 265 87.7 53.3 79.9#

