

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027340.D
 Acq On : 01 Sep 2023 11:14
 Operator : MA/JU
 Sample : 04229-03
 Misc :
 ALS Vial : 121 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-01-9.5-082923

Quant Time: Sep 02 01:52:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 01 09:08:53 2023
 Response via : Initial Calibration

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

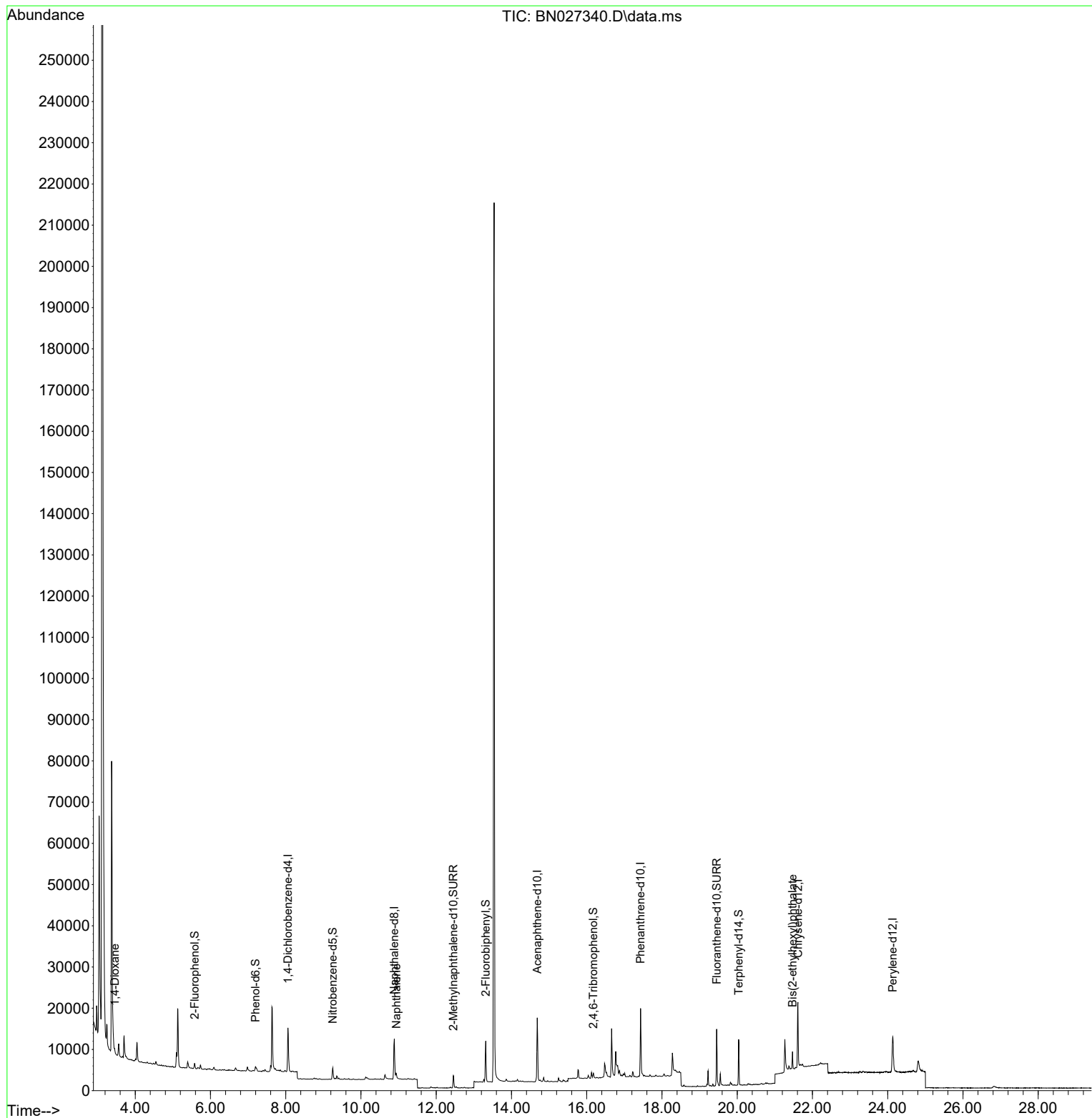
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	5086	0.400	ng	0.00
7) Naphthalene-d8	10.885	136	14864	0.400	ng	0.00
13) Acenaphthene-d10	14.683	164	9653	0.400	ng	0.00
19) Phenanthrene-d10	17.430	188	22145	0.400	ng	0.00
29) Chrysene-d12	21.614	240	17693	0.400	ng	# 0.00
35) Perylene-d12	24.133	264	15021	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	1106	0.083	ng	0.00
5) Phenol-d6	7.199	99	1027	0.064	ng	0.00
8) Nitrobenzene-d5	9.251	82	2441	0.225	ng	0.00
11) 2-Methylnaphthalene-d10	12.457	152	4472	0.205	ng	0.00
14) 2,4,6-Tribromophenol	16.177	330	747	0.209	ng	0.00
15) 2-Fluorobiphenyl	13.315	172	8696	0.237	ng	0.00
27) Fluoranthene-d10	19.453	212	13820	0.251	ng	0.00
31) Terphenyl-d14	20.039	244	10709	0.301	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	783	0.126	ng	# 62
9) Naphthalene	10.938	128	955	0.024	ng	# 72
34) Bis(2-ethylhexyl)phtha...	21.471	149	3932	0.134	ng	# 98

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

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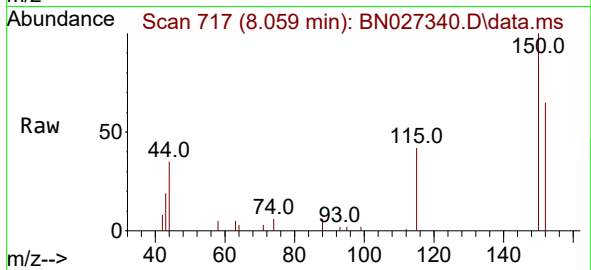
Quant Time: Sep 02 01:52:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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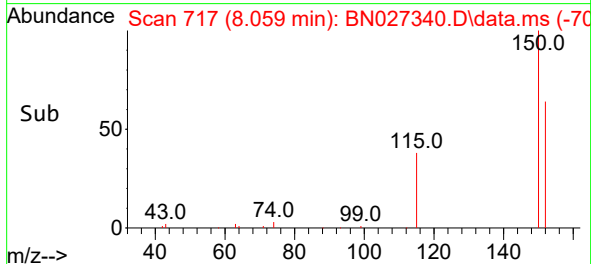
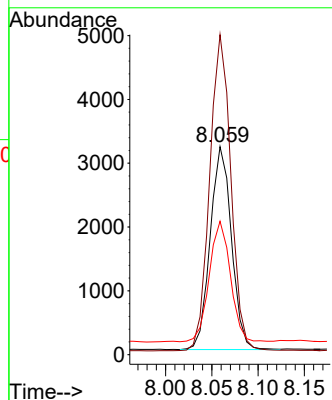


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.059 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BN027340.D
 Acq: 01 Sep 2023 11:14

Instrument :
 BNA_N
 ClientSampleId :
 MW-01-9.5-082923

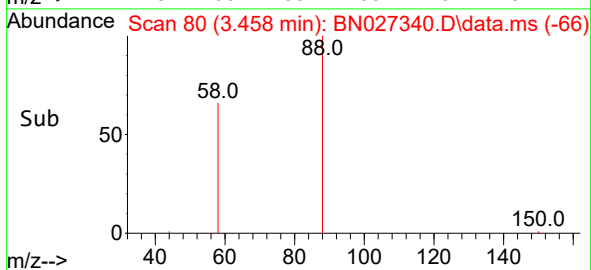
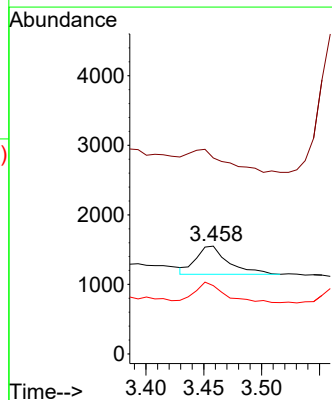
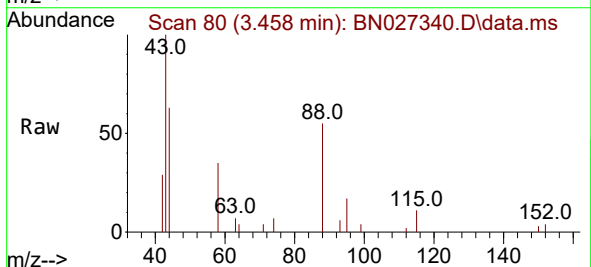


Tgt Ion:152 Resp: 5086
 Ion Ratio Lower Upper
 152 100
 150 153.8 122.7 184.1
 115 64.1 48.6 73.0



#2
 1,4-Dioxane
 Concen: 0.126 ng
 RT: 3.458 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BN027340.D
 Acq: 01 Sep 2023 11:14

Tgt Ion: 88 Resp: 783
 Ion Ratio Lower Upper
 88 100
 43 91.8 19.1 28.7#
 58 65.8 52.2 78.2

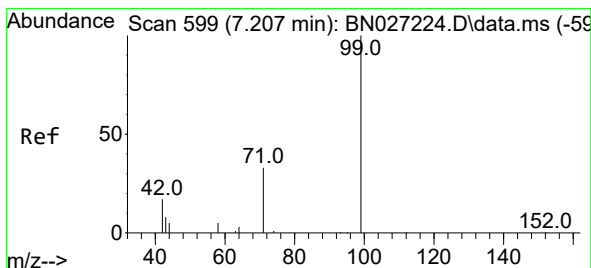
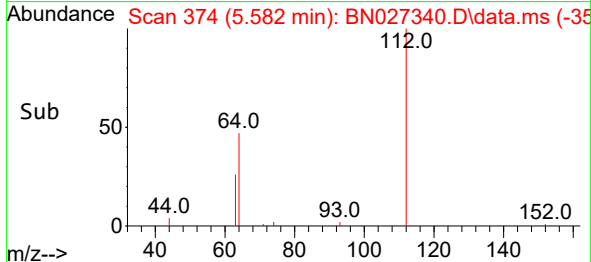
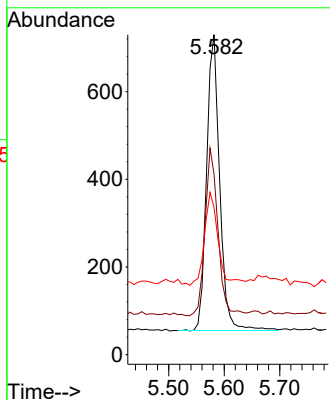
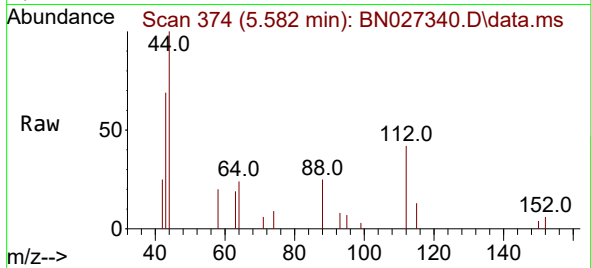




#4
2-Fluorophenol
Concen: 0.083 ng
RT: 5.582 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN027340.D
Acq: 01 Sep 2023 11:14

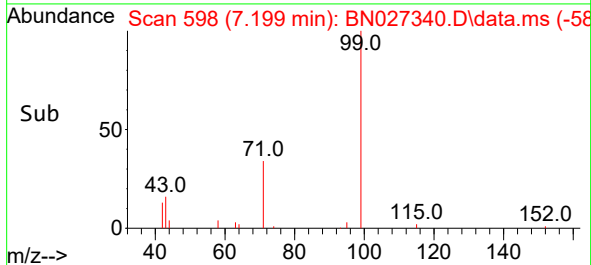
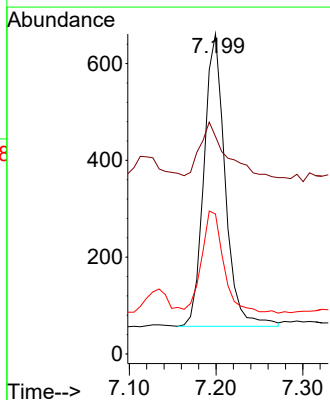
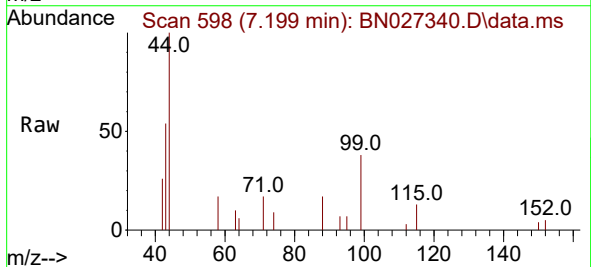
Instrument :
BNA_N
ClientSampleId :
MW-01-9.5-082923

Tgt Ion:112 Resp: 1106
Ion Ratio Lower Upper
112 100
64 55.9 44.4 66.6
63 33.1 23.1 34.7



#5
Phenol-d6
Concen: 0.064 ng
RT: 7.199 min Scan# 598
Delta R.T. 0.000 min
Lab File: BN027340.D
Acq: 01 Sep 2023 11:14

Tgt Ion: 99 Resp: 1027
Ion Ratio Lower Upper
99 100
42 23.4 14.5 21.7#
71 36.7 25.8 38.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.885 min Scan# 994

Delta R.T. 0.000 min

Lab File: BN027340.D

Acq: 01 Sep 2023 11:14

Instrument :

BNA_N

ClientSampleId :

MW-01-9.5-082923

Tgt Ion:136 Resp: 14864

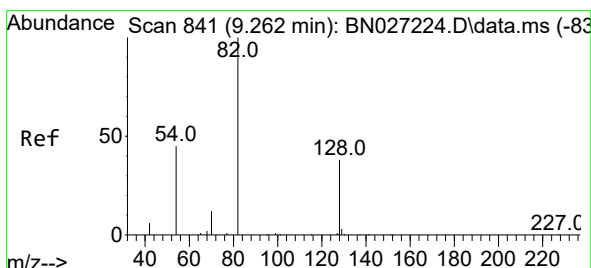
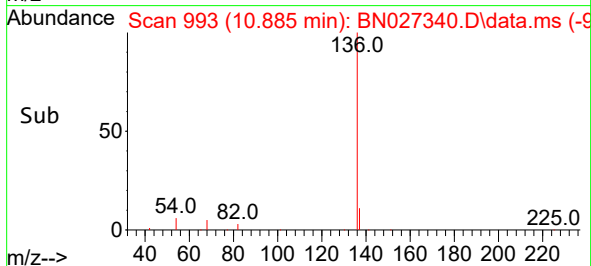
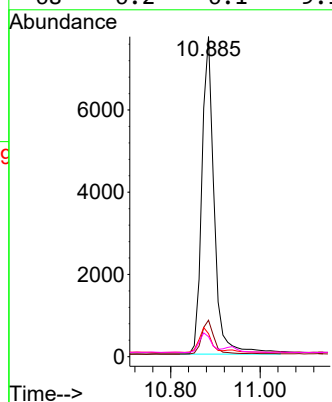
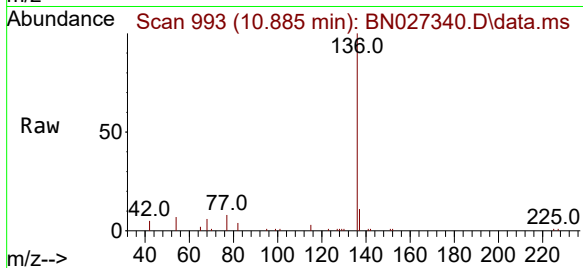
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 7.2 6.7 10.1

68 6.2 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.225 ng

RT: 9.251 min Scan# 840

Delta R.T. 0.000 min

Lab File: BN027340.D

Acq: 01 Sep 2023 11:14

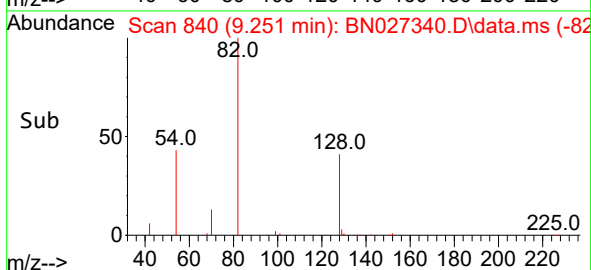
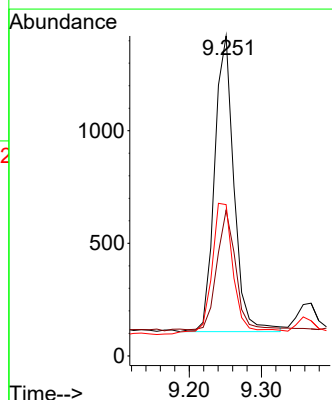
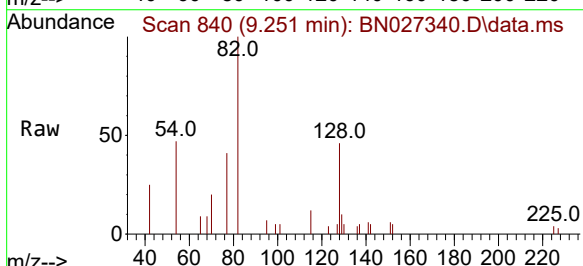
Tgt Ion: 82 Resp: 2441

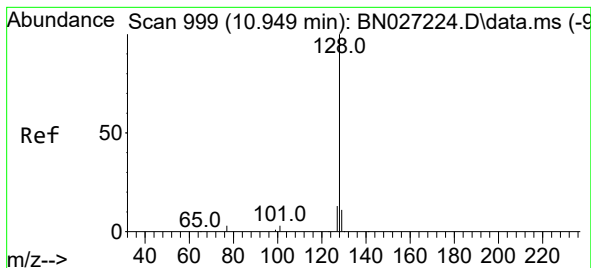
Ion Ratio Lower Upper

82 100

128 45.5 33.4 50.0

54 47.3 37.7 56.5





#9

Naphthalene

Concen: 0.024 ng

RT: 10.938 min Scan# 99

Delta R.T. 0.011 min

Lab File: BN027340.D

Acq: 01 Sep 2023 11:14

Instrument :

BNA_N

ClientSampleId :

MW-01-9.5-082923

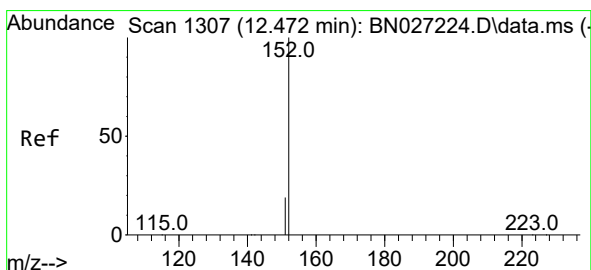
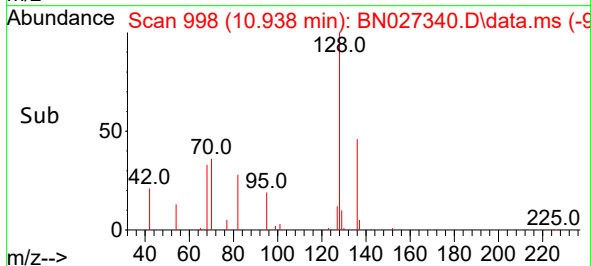
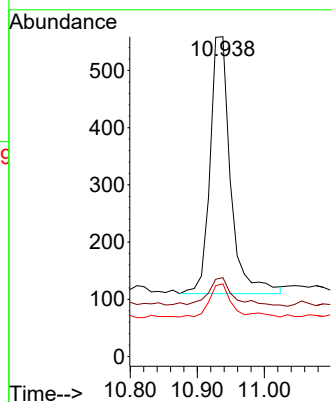
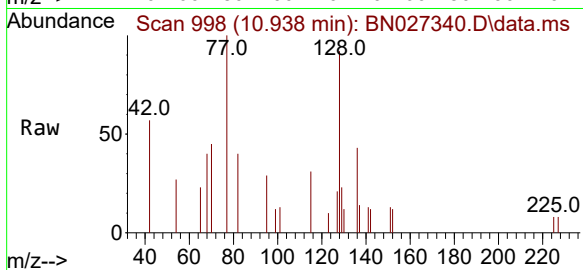
Tgt Ion:128 Resp: 955

Ion Ratio Lower Upper

128 100

129 24.7 9.4 14.0#

127 22.7 10.6 15.8#



#11

2-Methylnaphthalene-d10

Concen: 0.205 ng

RT: 12.457 min Scan# 1303

Delta R.T. 0.000 min

Lab File: BN027340.D

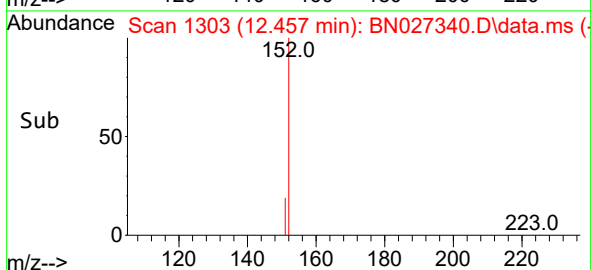
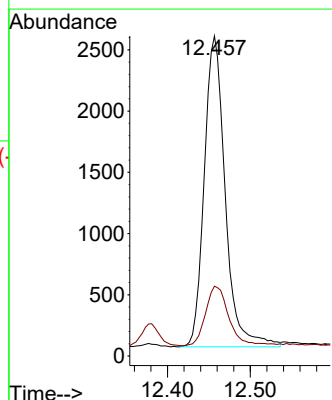
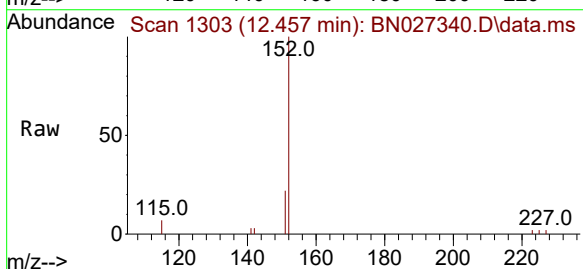
Acq: 01 Sep 2023 11:14

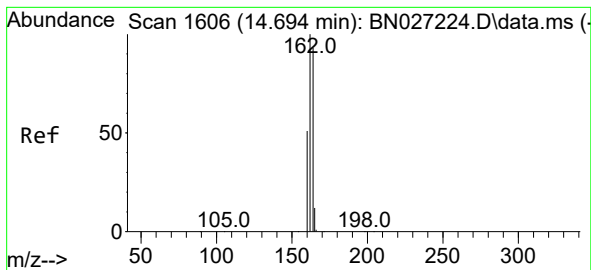
Tgt Ion:152 Resp: 4472

Ion Ratio Lower Upper

152 100

151 21.3 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.683 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN027340.D

Acq: 01 Sep 2023 11:14

Instrument :

BNA_N

ClientSampleId :

MW-01-9.5-082923

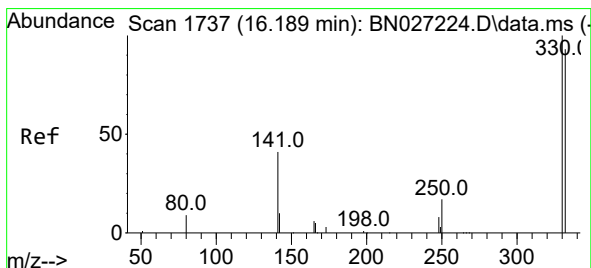
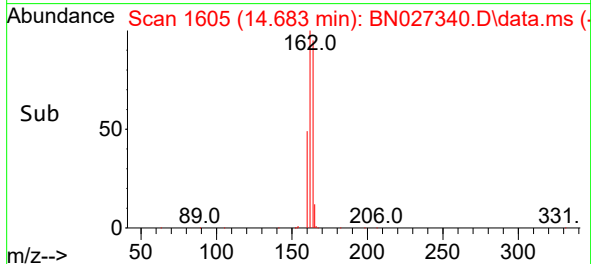
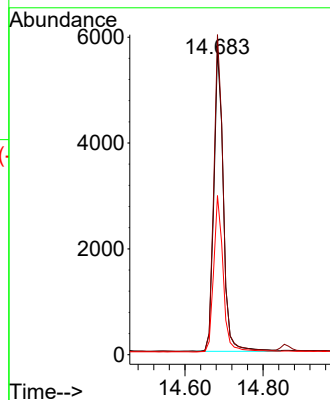
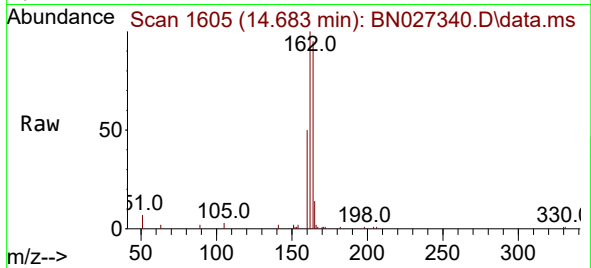
Tgt Ion:164 Resp: 9653

Ion Ratio Lower Upper

164 100

162 104.9 85.8 128.8

160 52.1 44.2 66.2



#14

2,4,6-Tribromophenol

Concen: 0.209 ng

RT: 16.177 min Scan# 1736

Delta R.T. 0.000 min

Lab File: BN027340.D

Acq: 01 Sep 2023 11:14

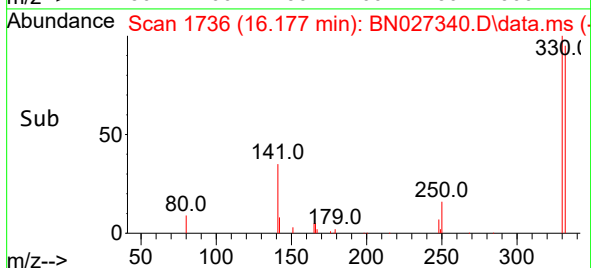
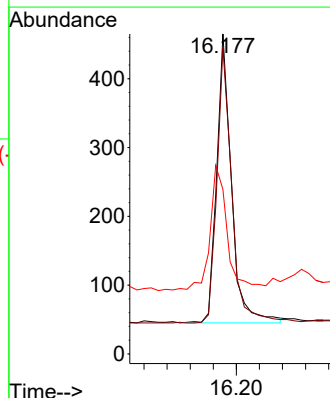
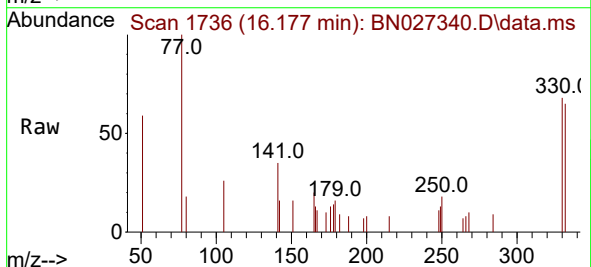
Tgt Ion:330 Resp: 747

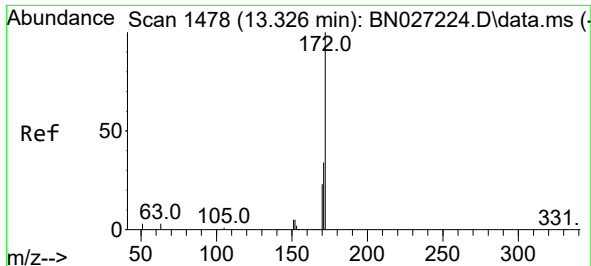
Ion Ratio Lower Upper

330 100

332 95.3 75.2 112.8

141 48.2 36.2 54.4

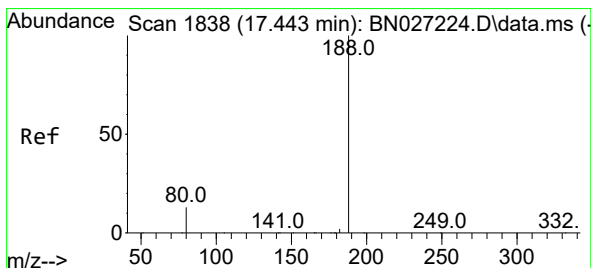
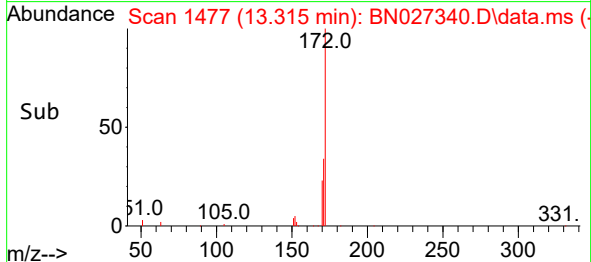
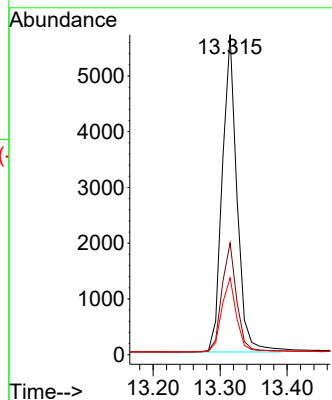
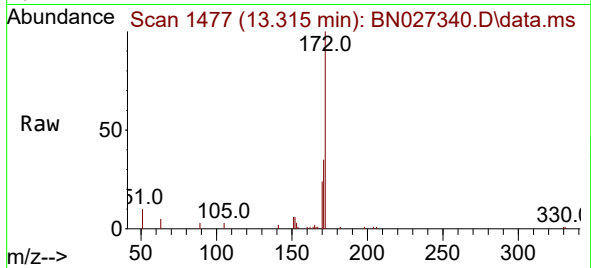




#15
2-Fluorobiphenyl
Concen: 0.237 ng
RT: 13.315 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN027340.D
Acq: 01 Sep 2023 11:14

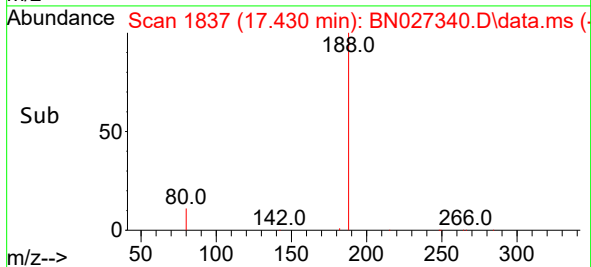
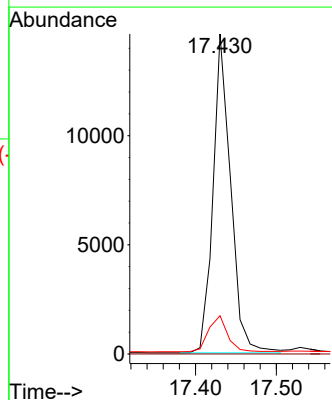
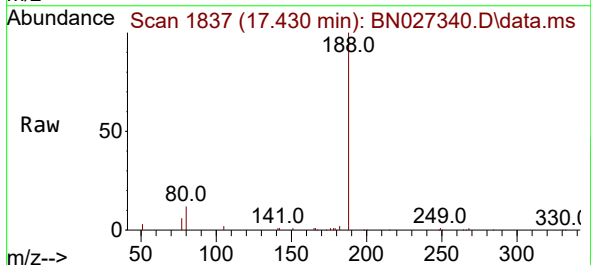
Instrument :
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MW-01-9.5-082923

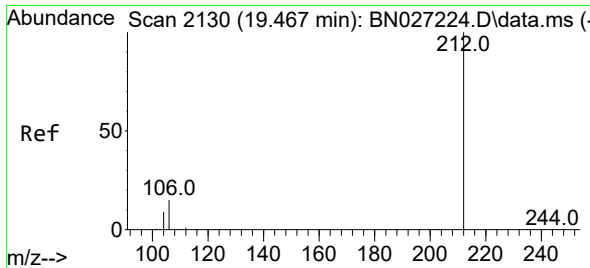
Tgt Ion:172 Resp: 8696
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 24.0 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.430 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BN027340.D
Acq: 01 Sep 2023 11:14

Tgt Ion:188 Resp: 22145
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 11.0 16.6

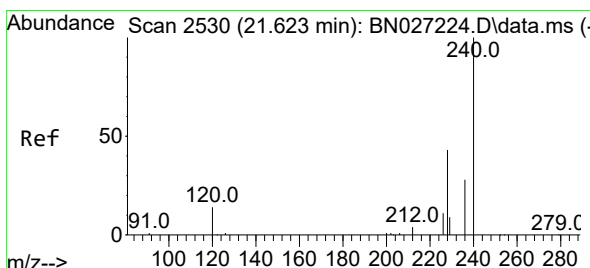
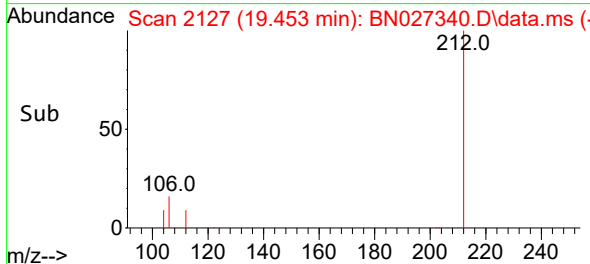
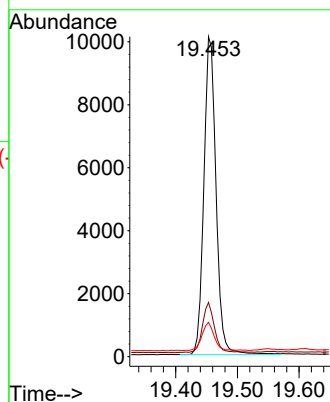
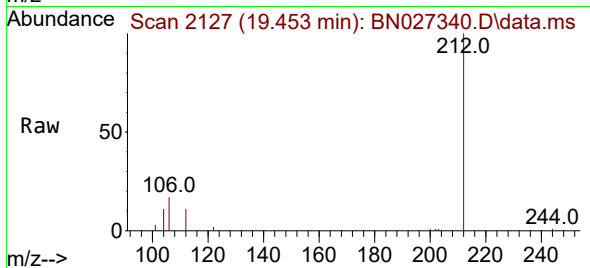




#27
Fluoranthene-d10
Concen: 0.251 ng
RT: 19.453 min Scan# 2127
Delta R.T. -0.005 min
Lab File: BN027340.D
Acq: 01 Sep 2023 11:14

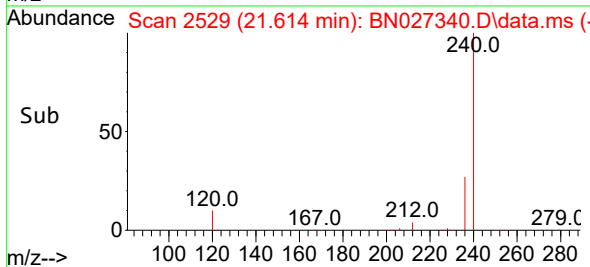
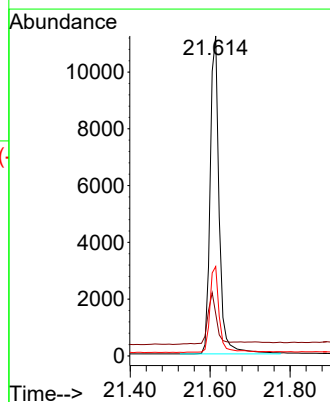
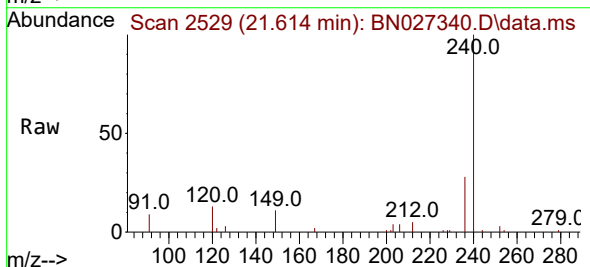
Instrument :
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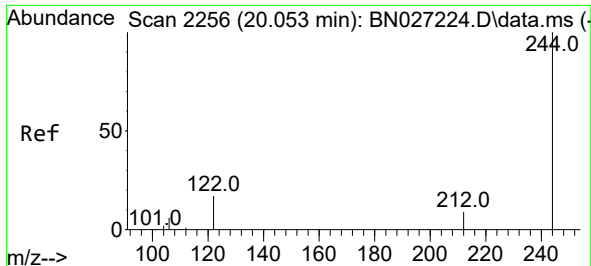
Tgt Ion:212 Resp: 13820
Ion Ratio Lower Upper
212 100
106 15.4 12.1 18.1
104 8.8 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.614 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BN027340.D
Acq: 01 Sep 2023 11:14

Tgt Ion:240 Resp: 17693
Ion Ratio Lower Upper
240 100
120 13.2 14.2 21.4#
236 27.9 22.9 34.3

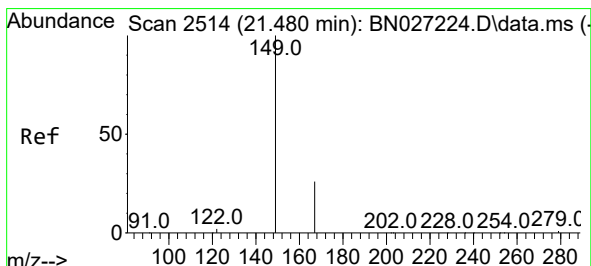
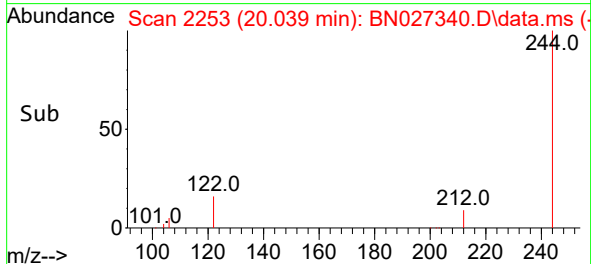
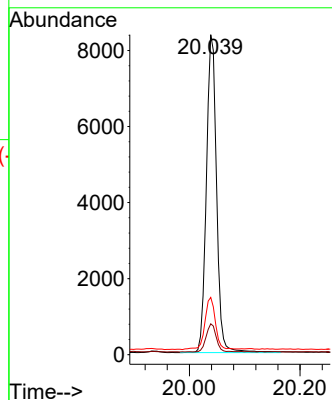
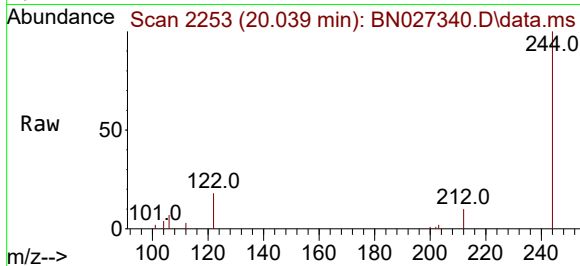




#31
Terphenyl-d14
Concen: 0.301 ng
RT: 20.039 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN027340.D
Acq: 01 Sep 2023 11:14

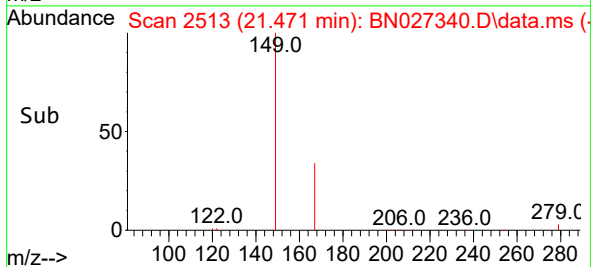
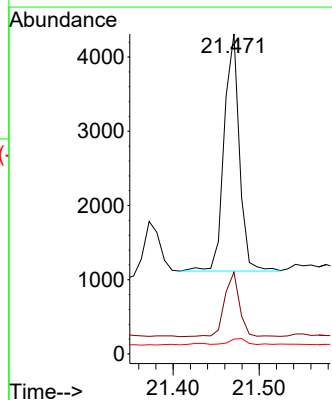
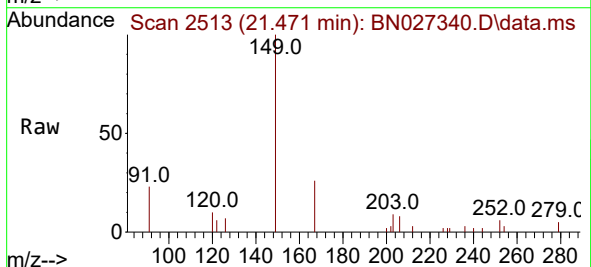
Instrument :
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MW-01-9.5-082923

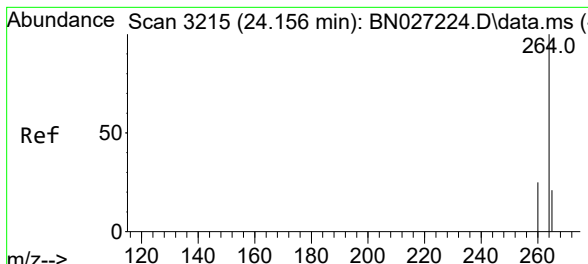
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Ion Ratio Lower Upper
244 100
212 9.7 7.5 11.3
122 17.9 14.0 21.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.134 ng
RT: 21.471 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BN027340.D
Acq: 01 Sep 2023 11:14

Tgt Ion:149 Resp: 3932
Ion Ratio Lower Upper
149 100
167 26.4 22.1 33.1
279 2.6 2.7 4.1#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.133 min Scan# 31

Delta R.T. -0.003 min

Lab File: BN027340.D

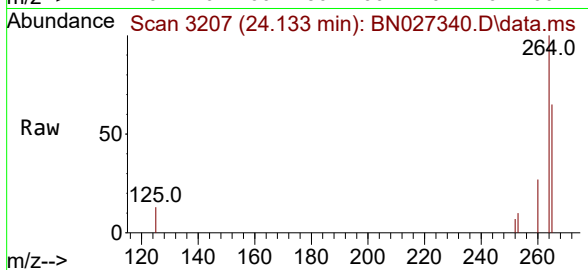
Acq: 01 Sep 2023 11:14

Instrument :

BNA_N

ClientSampleId :

MW-01-9.5-082923



Tgt Ion:264 Resp: 15021

Ion Ratio Lower Upper

264 100

260 26.9 20.7 31.1

265 64.7 53.3 79.9

