

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136835.D
 Acq On : 29 Dec 2023 18:15
 Operator : CG\JU
 Sample : 05897-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-37a

Quant Time: Dec 30 01:03:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

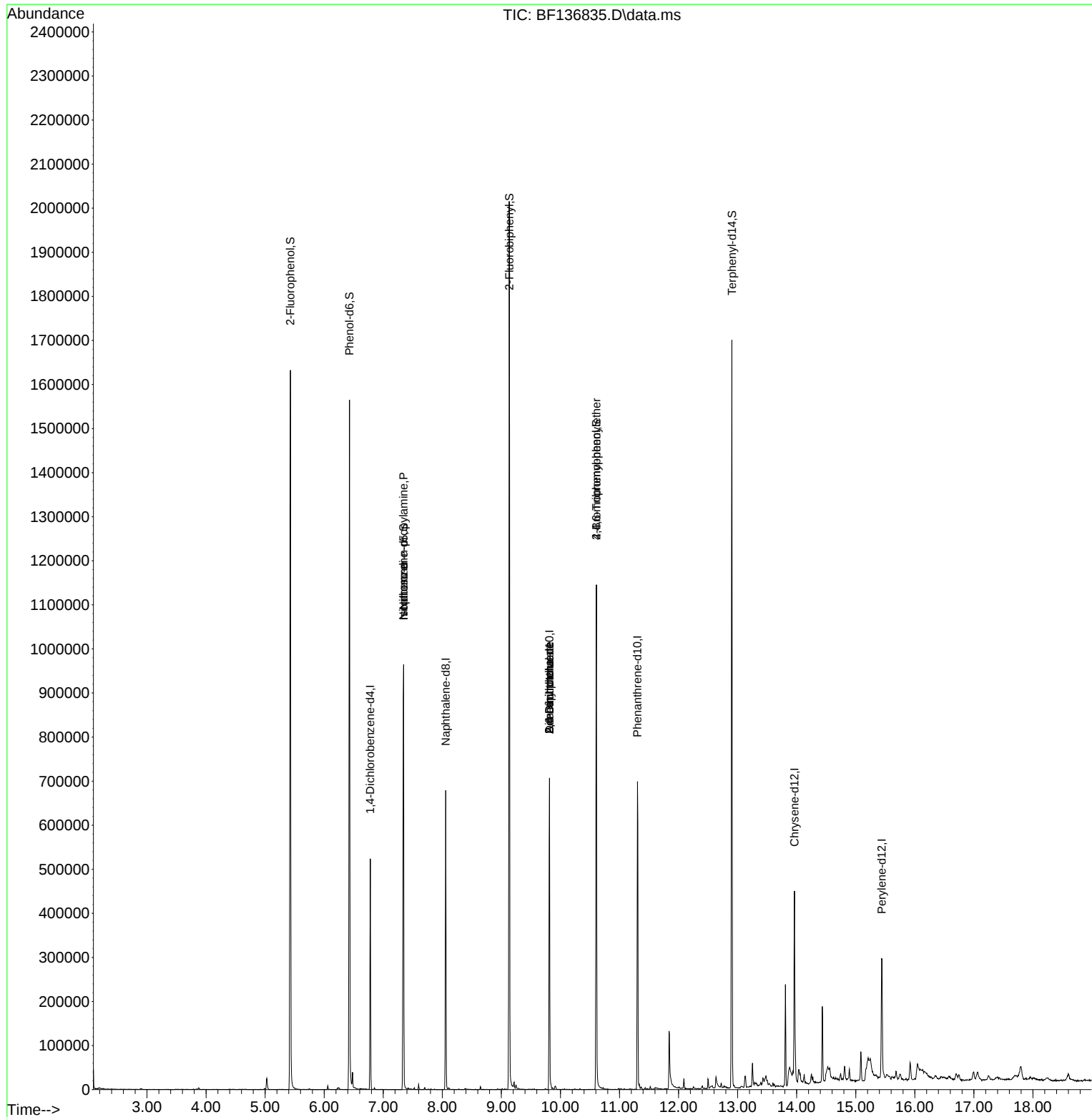
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	69977	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	268230	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	138989	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	261863	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	140286	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	138303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	413205	92.133	ng	0.00
7) Phenol-d6	6.428	99	510971	87.927	ng	-0.01
23) Nitrobenzene-d5	7.345	82	323480	61.711	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	148188	90.529	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	634817	61.431	ng	-0.02
79) Terphenyl-d14	12.904	244	583294	58.105	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	41864	11.884	ng	# 75
25) Isophorone	7.345	82	323477	33.914	ng	# 65
50) Dimethylphthalate	9.816	163	27865	2.745	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	17758	7.707	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	17758	5.937	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	8506	2.925	ng	# 1

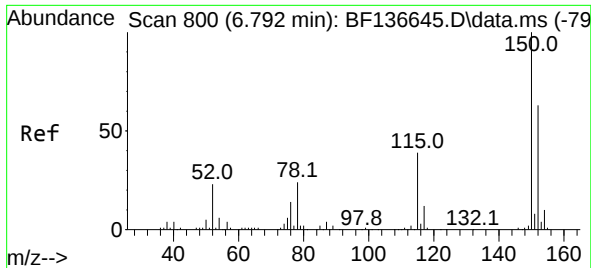
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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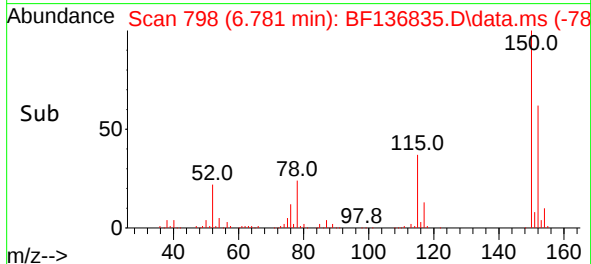
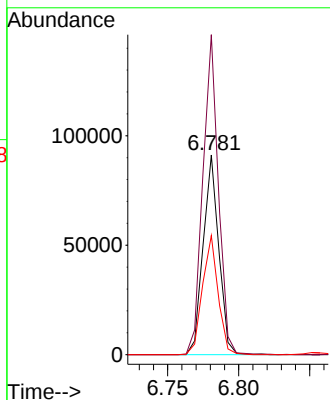
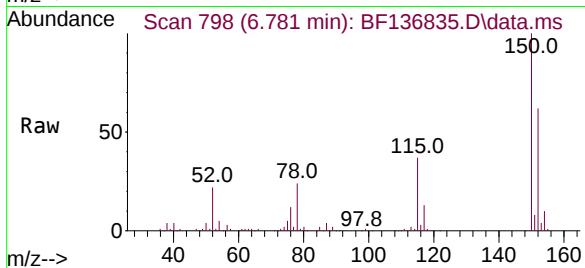




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136835.D
Acq: 29 Dec 2023 18:15

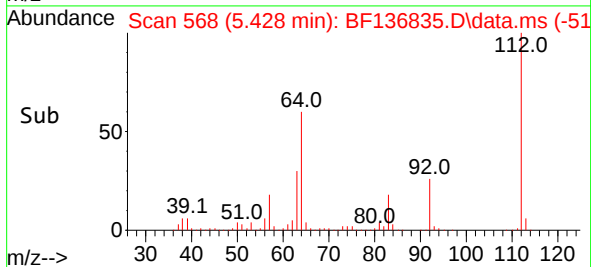
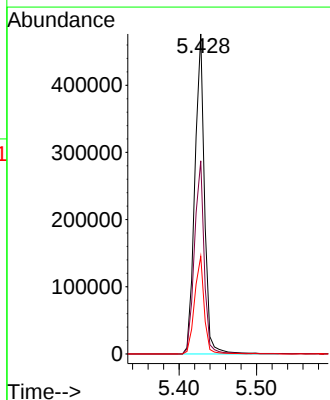
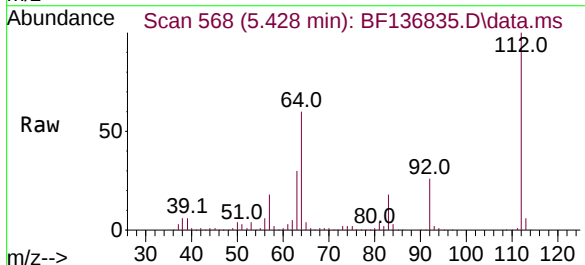
Instrument :
BNA_F
ClientSampleId :
GHL-SS-37a

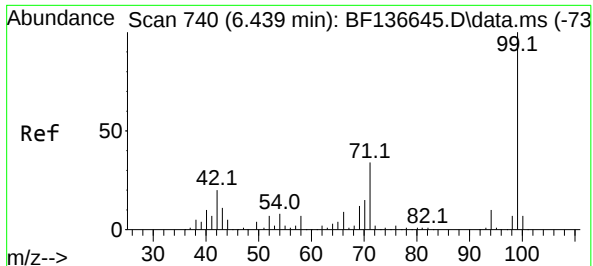
Tgt Ion:152 Resp: 69977
Ion Ratio Lower Upper
152 100
150 160.3 127.0 190.6
115 59.7 49.0 73.4



#5
2-Fluorophenol
Concen: 92.133 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136835.D
Acq: 29 Dec 2023 18:15

Tgt Ion:112 Resp: 413205
Ion Ratio Lower Upper
112 100
64 60.3 51.1 76.7
63 30.5 26.1 39.1

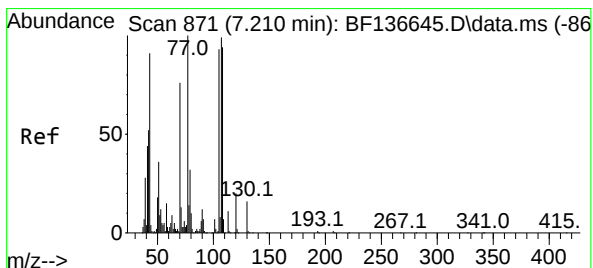
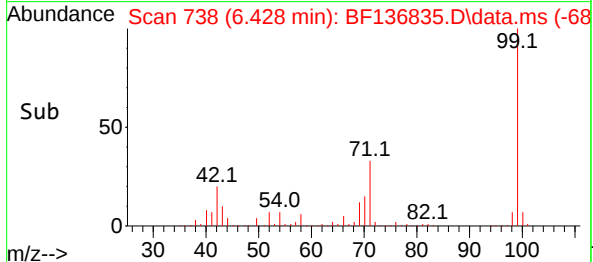
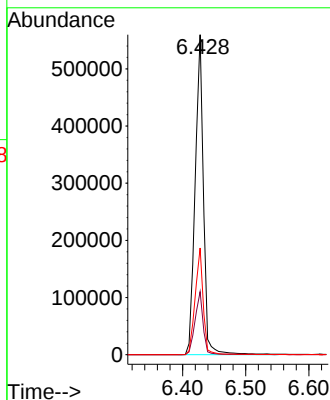
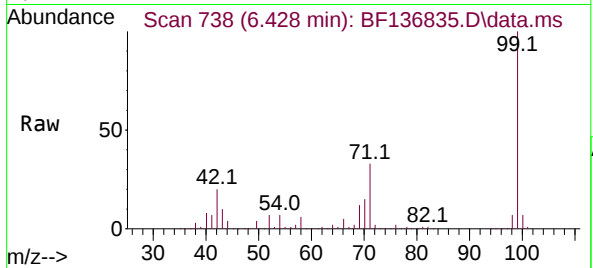




#7
Phenol-d6
Concen: 87.927 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136835.D
Acq: 29 Dec 2023 18:15

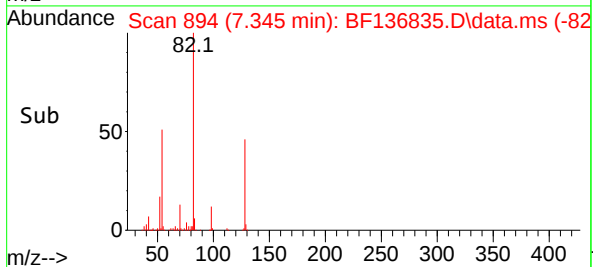
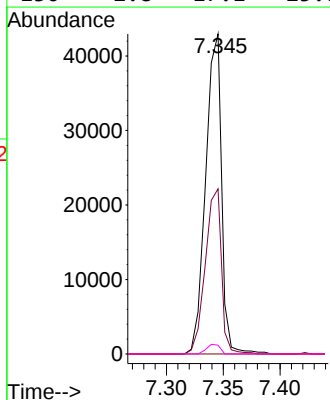
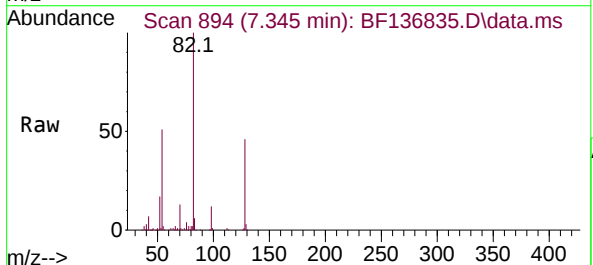
Instrument :
BNA_F
ClientSampleId :
GHL-SS-37a

Tgt Ion: 99 Resp: 510971
Ion Ratio Lower Upper
99 100
42 19.7 16.1 24.1
71 33.4 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.884 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136835.D
Acq: 29 Dec 2023 18:15

Tgt Ion: 70 Resp: 41864
Ion Ratio Lower Upper
70 100
42 51.6 54.2 81.4#
101 0.0 7.6 11.4#
130 2.8 17.1 25.7#



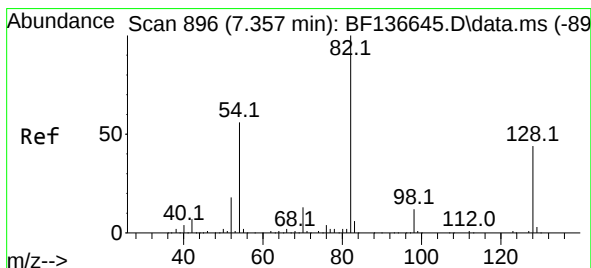
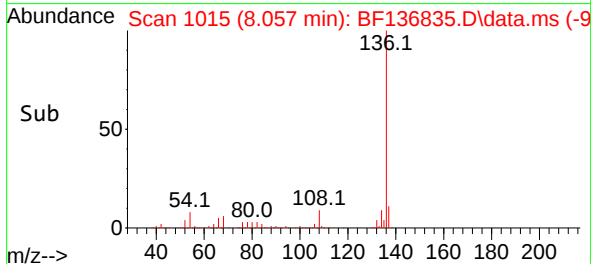
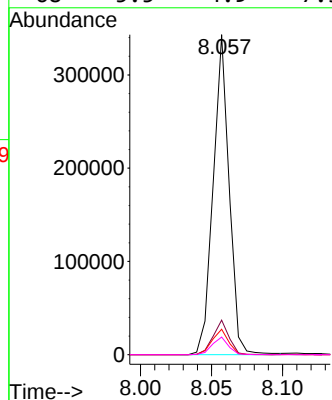
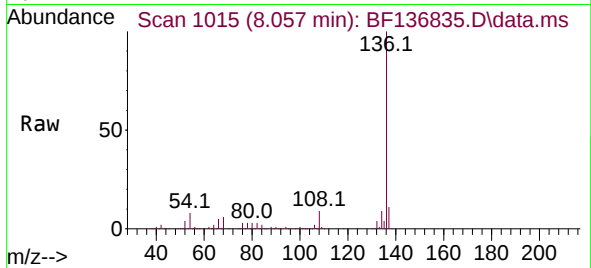


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136835.D
Acq: 29 Dec 2023 18:15

Instrument :
BNA_F
ClientSampleId :
GHL-SS-37a

Tgt Ion:136 Resp: 268230

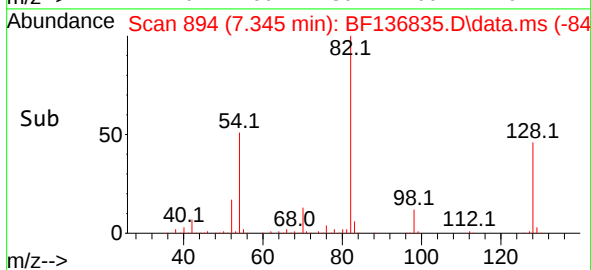
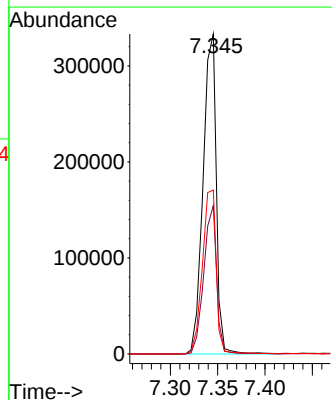
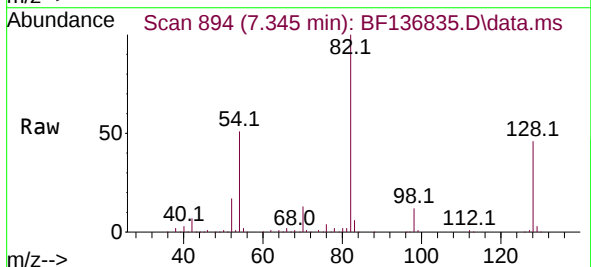
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.0	7.2	10.8
68	5.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 61.711 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136835.D
Acq: 29 Dec 2023 18:15

Tgt Ion: 82 Resp: 323480

Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.3	52.9
54	51.2	44.5	66.7

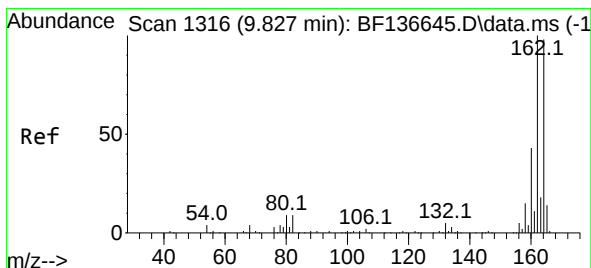
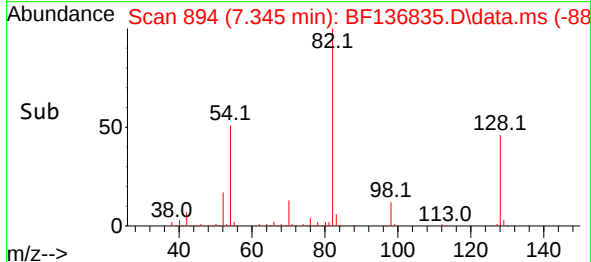
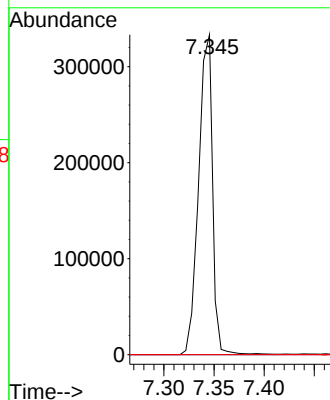
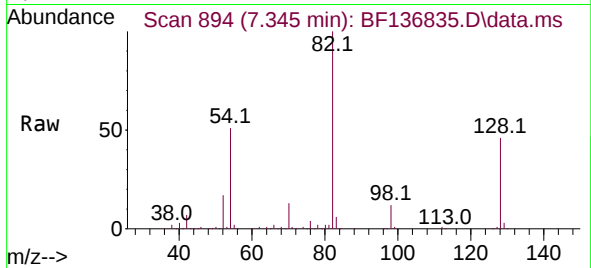




#25
Isophorone
Concen: 33.914 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF136835.D
Acq: 29 Dec 2023 18:15

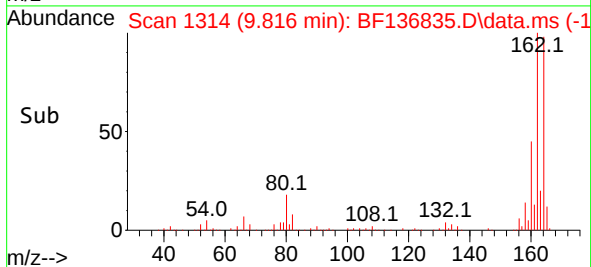
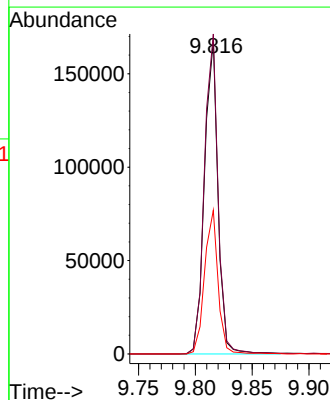
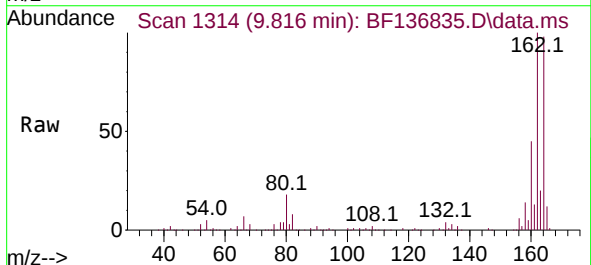
Instrument :
BNA_F
ClientSampleId :
GHL-SS-37a

Tgt Ion: 82 Resp: 323477
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136835.D
Acq: 29 Dec 2023 18:15

Tgt Ion:164 Resp: 138989
Ion Ratio Lower Upper
164 100
162 102.0 81.6 122.4
160 45.8 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 90.529 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136835.D

Acq: 29 Dec 2023 18:15

Instrument :

BNA_F

ClientSampleId :

GHL-SS-37a

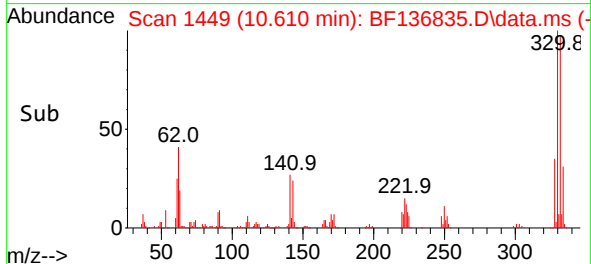
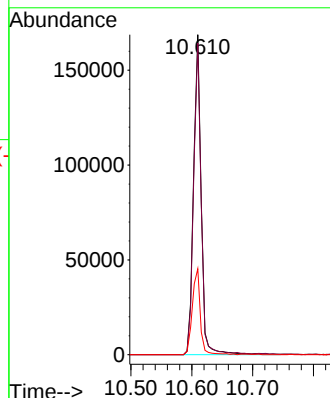
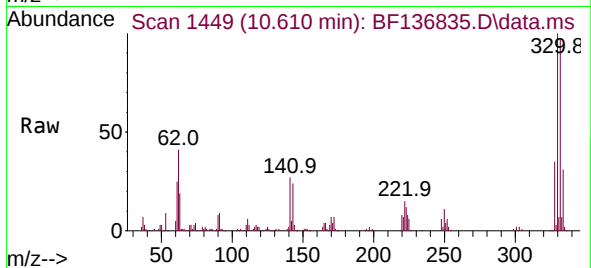
Tgt Ion:330 Resp: 148188

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

141 27.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 61.431 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136835.D

Acq: 29 Dec 2023 18:15

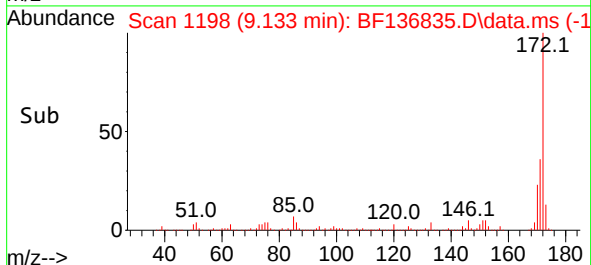
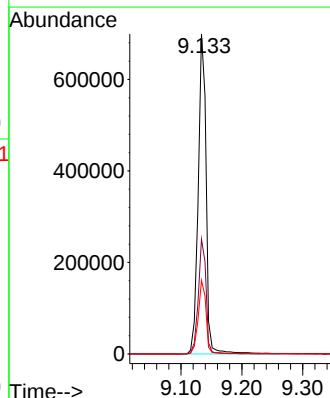
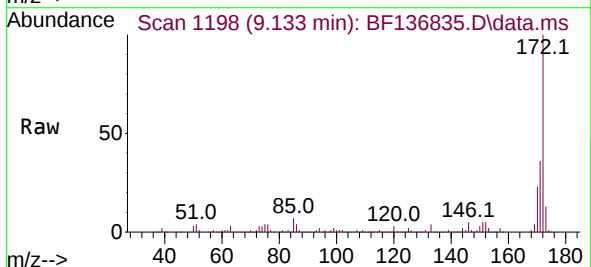
Tgt Ion:172 Resp: 634817

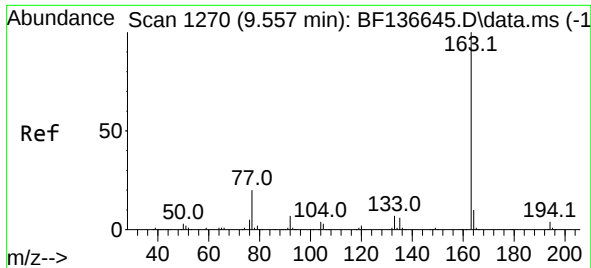
Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

170 23.0 19.0 28.4

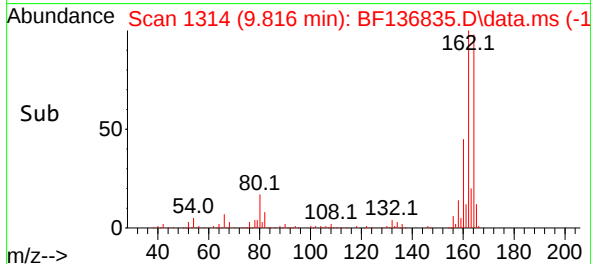
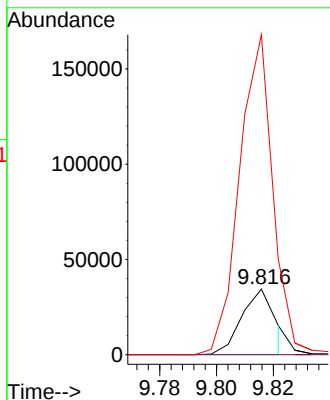
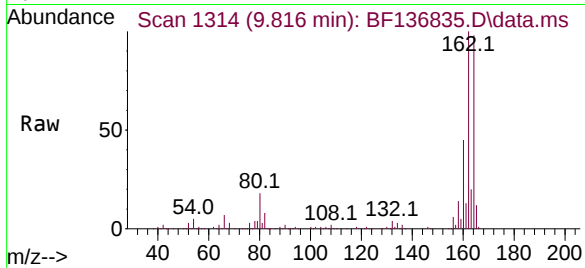




#50
Dimethylphthalate
Concen: 2.745 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF136835.D
Acq: 29 Dec 2023 18:15

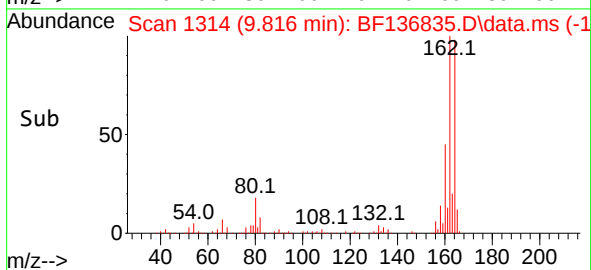
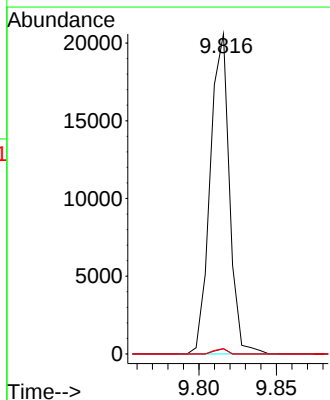
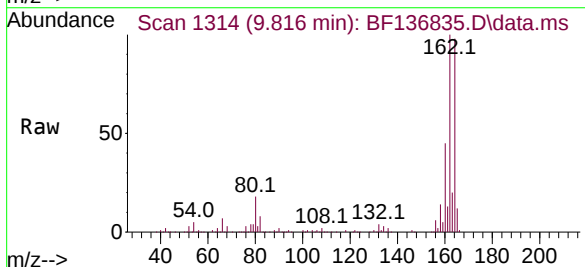
Instrument :
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ClientSampleId :
GHL-SS-37a

Tgt Ion:163 Resp: 27865
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 488.3 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.707 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136835.D
Acq: 29 Dec 2023 18:15

Tgt Ion:165 Resp: 17758
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 1.7 38.8 58.2#

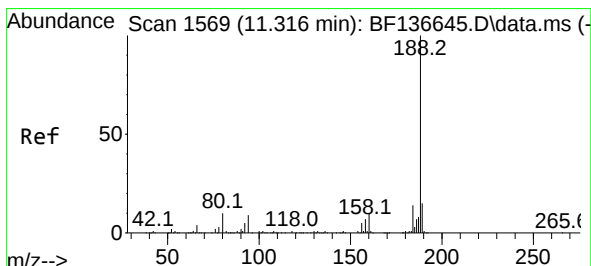
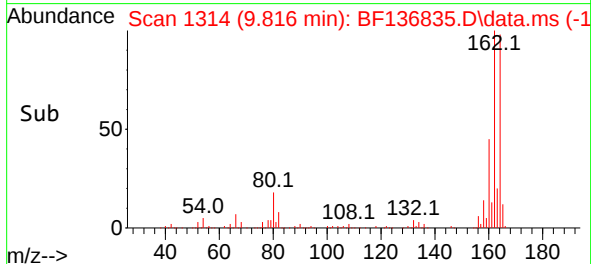
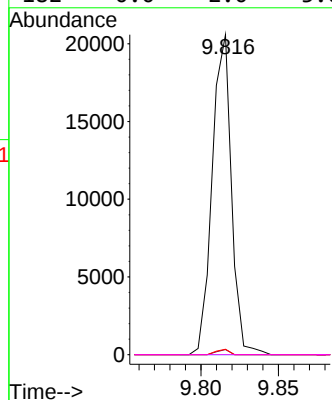
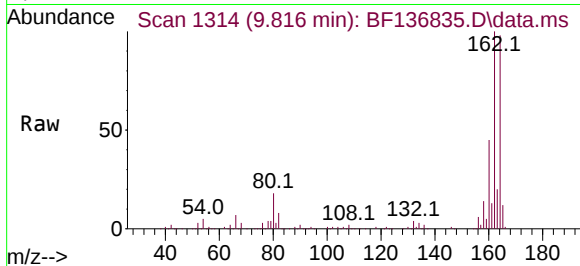




#57
2,4-Dinitrotoluene
Concen: 5.937 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136835.D
Acq: 29 Dec 2023 18:15

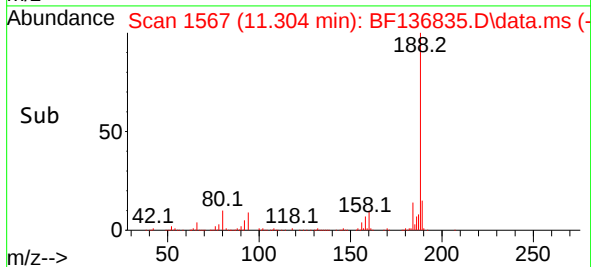
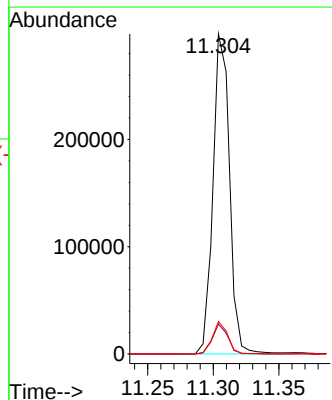
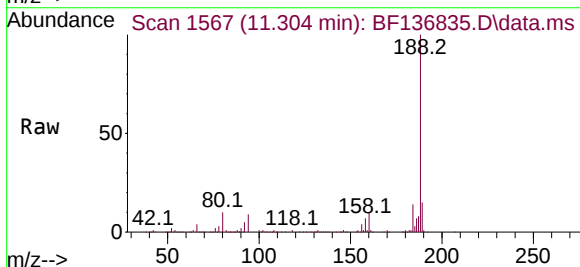
Instrument :
BNA_F
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GHL-SS-37a

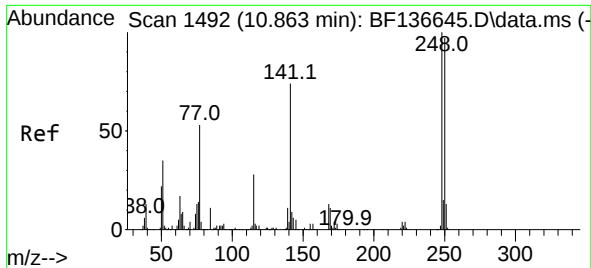
Tgt Ion:165 Resp: 17758
Ion Ratio Lower Upper
165 100
63 1.6 41.0 61.6#
89 1.7 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136835.D
Acq: 29 Dec 2023 18:15

Tgt Ion:188 Resp: 261863
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 10.2 8.1 12.1

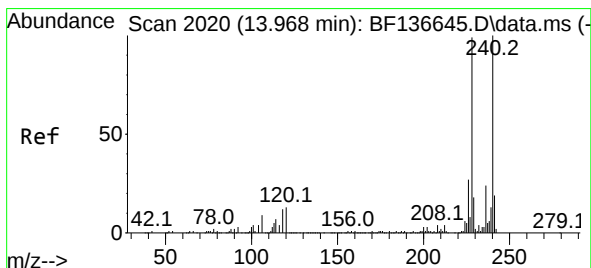
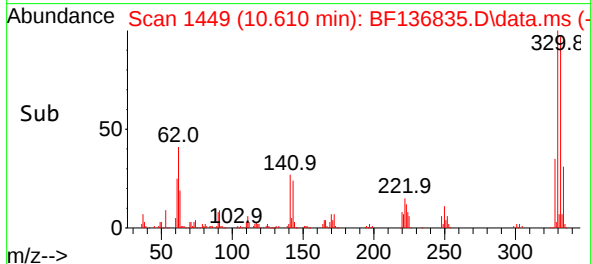
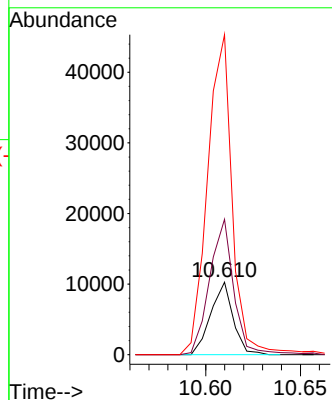
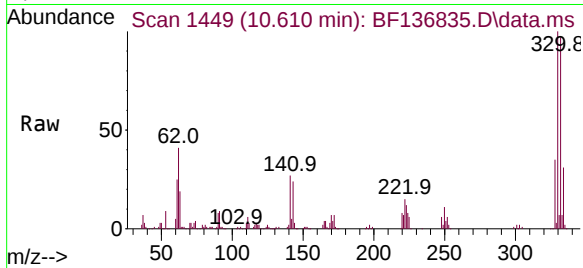




#67
4-Bromophenyl-phenylether
Concen: 2.925 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136835.D
Acq: 29 Dec 2023 18:15

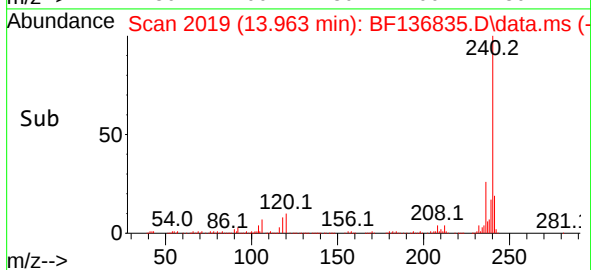
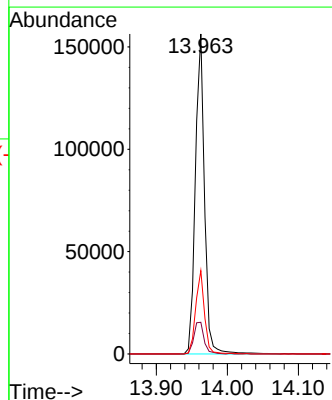
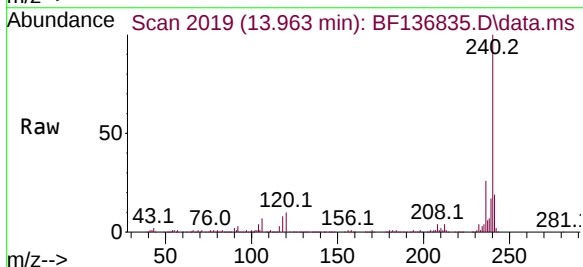
Instrument :
BNA_F
ClientSampleId :
GHL-SS-37a

Tgt Ion:248 Resp: 8506
Ion Ratio Lower Upper
248 100
250 186.8 77.8 116.6#
141 441.3 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136835.D
Acq: 29 Dec 2023 18:15

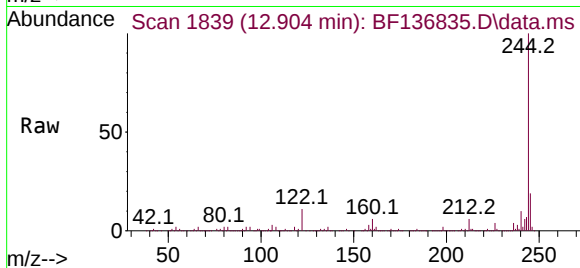
Tgt Ion:240 Resp: 140286
Ion Ratio Lower Upper
240 100
120 9.9 10.3 15.5#
236 26.0 19.4 29.2



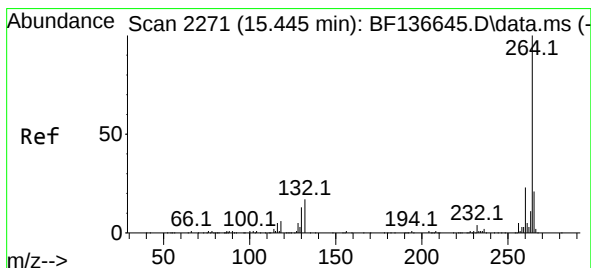
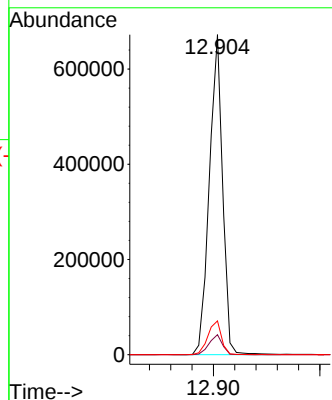
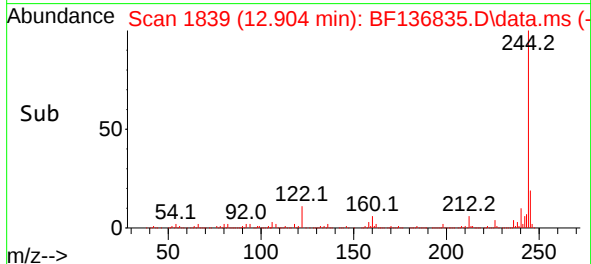


#79
 Terphenyl-d14
 Concen: 58.105 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136835.D
 Acq: 29 Dec 2023 18:15

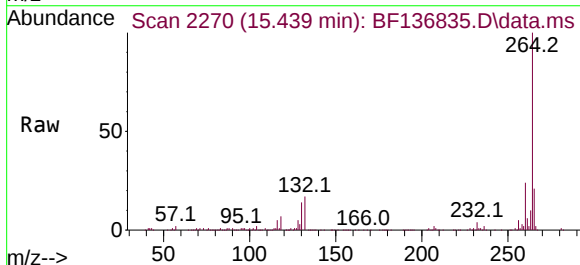
Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-37a



Tgt Ion:244 Resp: 583294
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 10.5 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF136835.D
 Acq: 29 Dec 2023 18:15



Tgt Ion:264 Resp: 138303
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.3 27.5
 265 21.1 17.0 25.6

