

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
 Data File : BF140921.D
 Acq On : 19 Dec 2024 12:56
 Operator : RC/JU
 Sample : PB165680TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165680TB

Quant Time: Dec 19 13:24:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

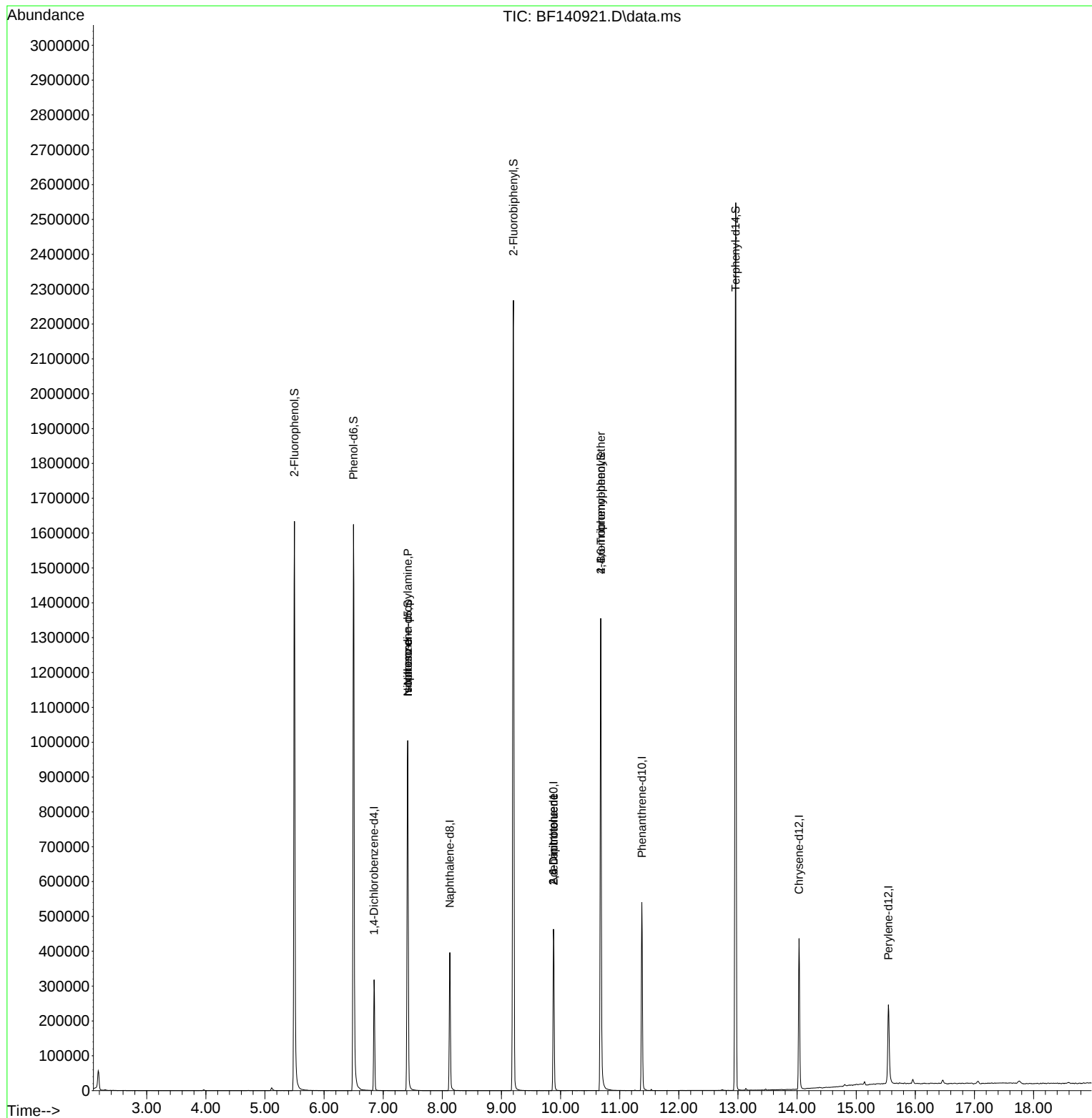
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	70295	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	274815	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	153483	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	302044	20.000	ng	0.00
76) Chrysene-d12	14.033	240	232015	20.000	ng	0.00
86) Perylene-d12	15.545	264	162327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	680319	159.319	ng	0.01
7) Phenol-d6	6.498	99	859047	151.885	ng	0.00
23) Nitrobenzene-d5	7.416	82	506966	92.295	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	260661	143.594	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1121570	100.467	ng	0.00
79) Terphenyl-d14	12.963	244	1348505	91.650	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	68191	20.099	ng	# 76
25) Isophorone	7.416	82	501721	54.514	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	19163	7.747	ng	# 21
57) 2,4-Dinitrotoluene	9.880	165	19163	5.888	ng	# 15
67) 4-Bromophenyl-phenylether	10.680	248	16435	4.864	ng	# 1

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

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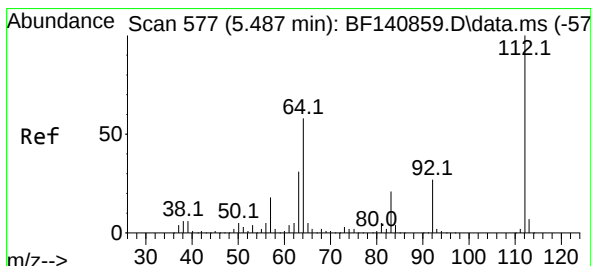
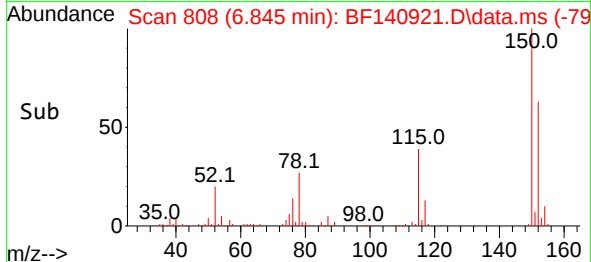
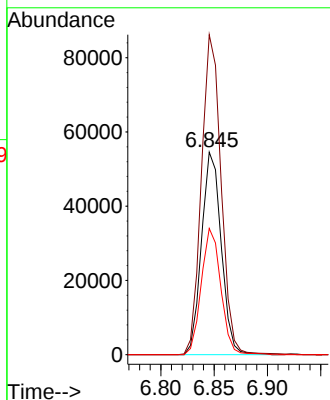
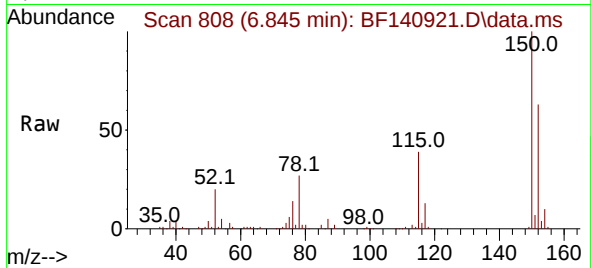




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140921.D
Acq: 19 Dec 2024 12:56

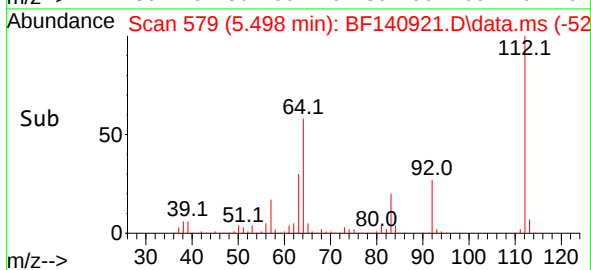
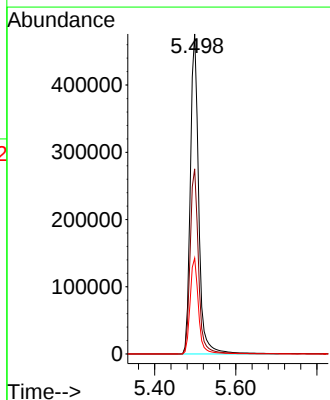
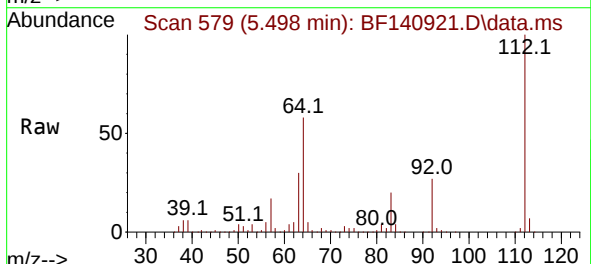
Instrument :
BNA_F
ClientSampleId :
PB165680TB

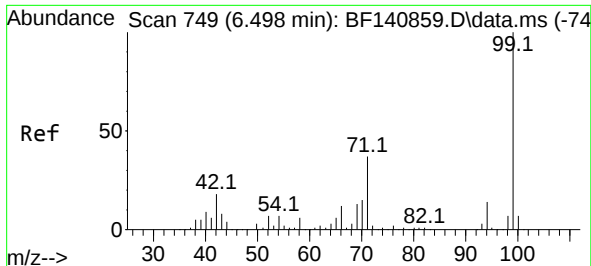
Tgt Ion:152 Resp: 70295
Ion Ratio Lower Upper
152 100
150 158.0 127.9 191.9
115 62.4 48.0 72.0



#5
2-Fluorophenol
Concen: 159.319 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140921.D
Acq: 19 Dec 2024 12:56

Tgt Ion:112 Resp: 680319
Ion Ratio Lower Upper
112 100
64 57.9 46.1 69.1
63 30.0 24.9 37.3

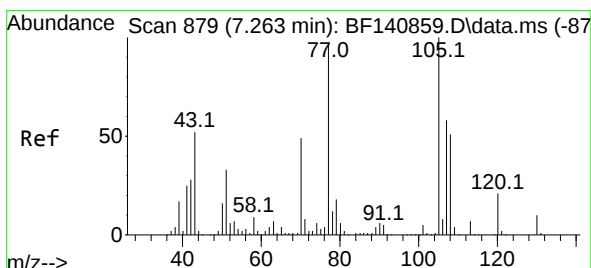
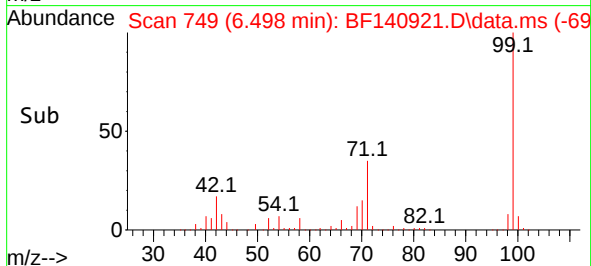
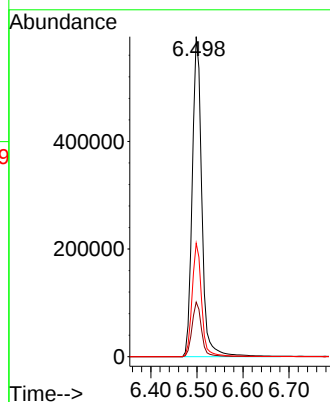
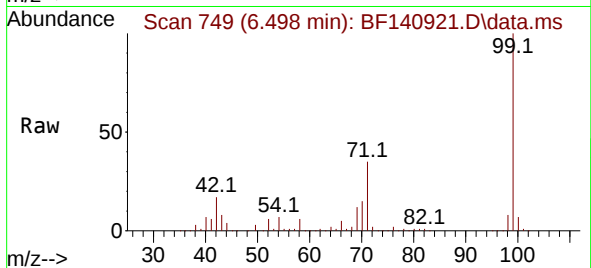




#7
Phenol-d6
Concen: 151.885 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF140921.D
Acq: 19 Dec 2024 12:56

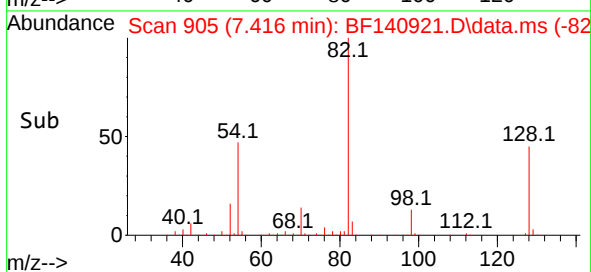
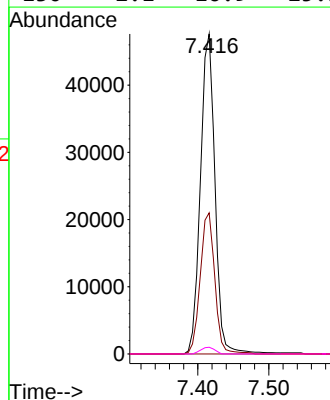
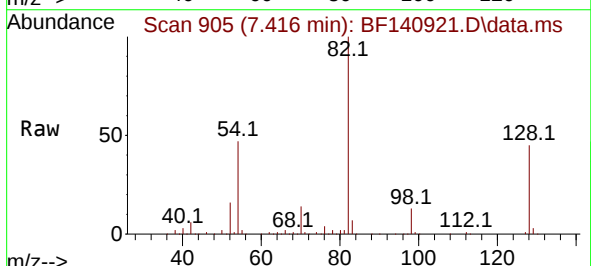
Instrument :
BNA_F
ClientSampleId :
PB165680TB

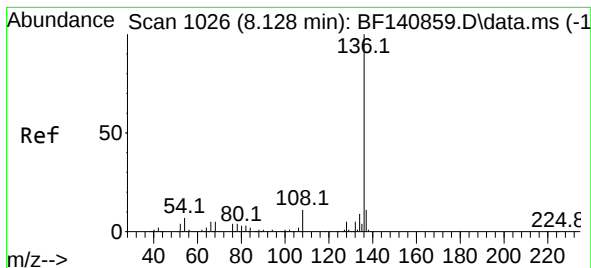
Tgt Ion: 99 Resp: 859047
Ion Ratio Lower Upper
99 100
42 17.1 14.3 21.5
71 35.5 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 20.099 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.153 min
Lab File: BF140921.D
Acq: 19 Dec 2024 12:56

Tgt Ion: 70 Resp: 68191
Ion Ratio Lower Upper
70 100
42 44.1 45.3 67.9#
101 0.0 8.0 12.0#
130 2.1 16.9 25.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140921.D

Acq: 19 Dec 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB165680TB

Tgt Ion:136 Resp: 274815

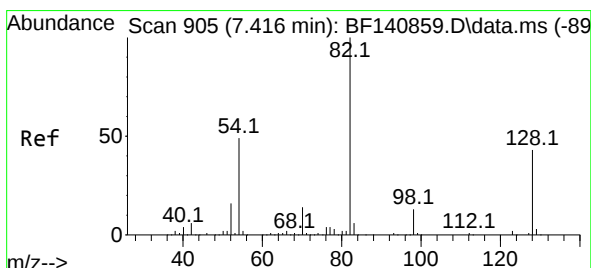
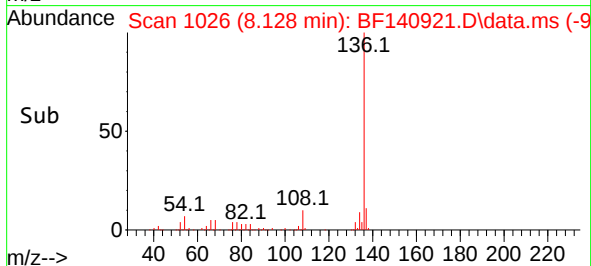
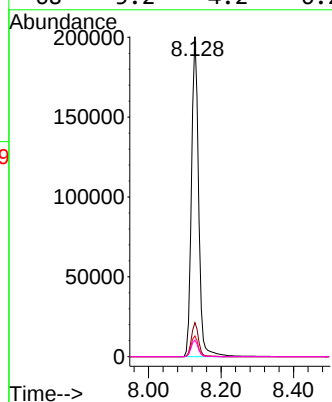
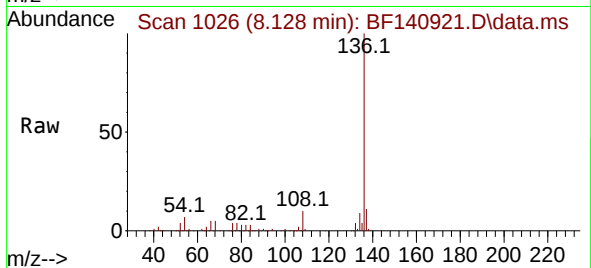
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.5 5.6 8.4

68 5.2 4.2 6.2



#23

Nitrobenzene-d5

Concen: 92.295 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140921.D

Acq: 19 Dec 2024 12:56

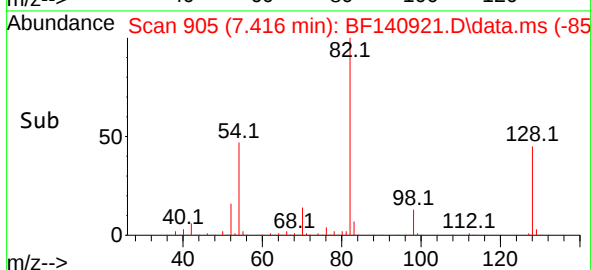
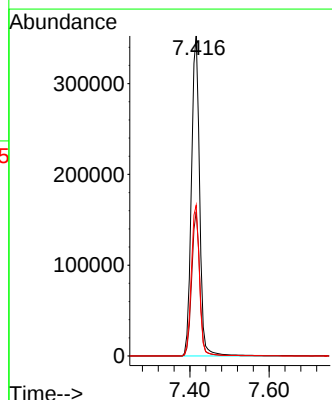
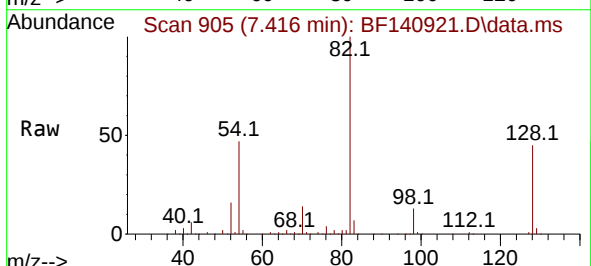
Tgt Ion: 82 Resp: 506966

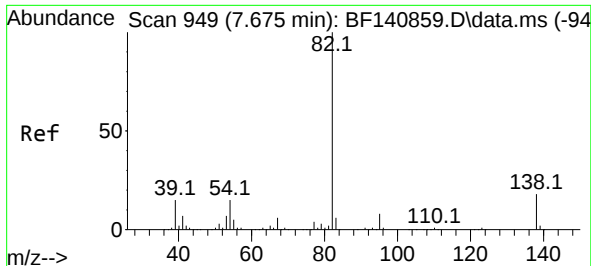
Ion Ratio Lower Upper

82 100

128 45.1 34.4 51.6

54 47.1 38.8 58.2

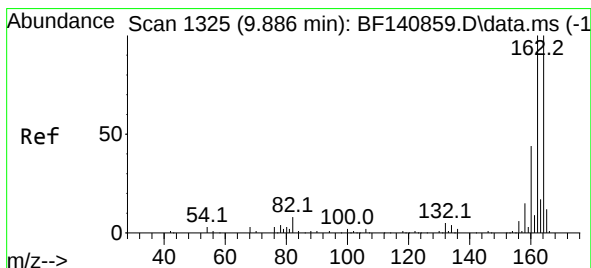
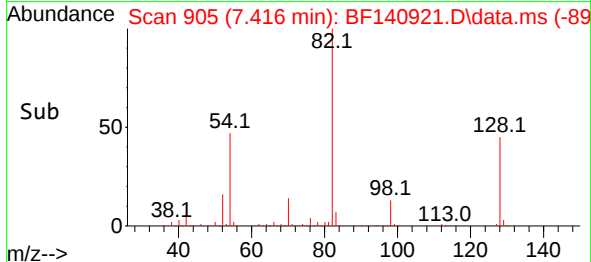
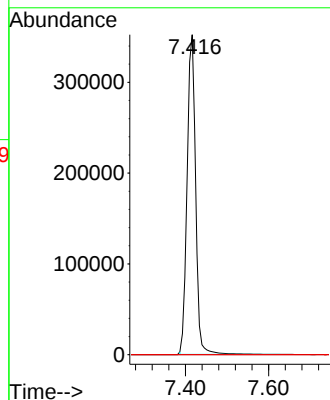
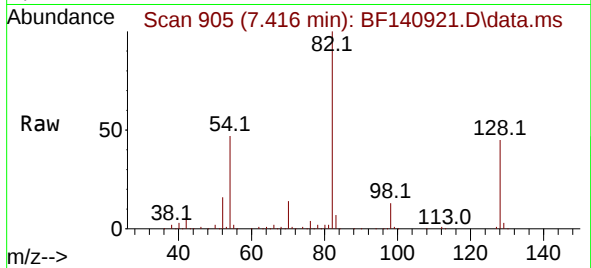




#25
Isophorone
Concen: 54.514 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.259 min
Lab File: BF140921.D
Acq: 19 Dec 2024 12:56

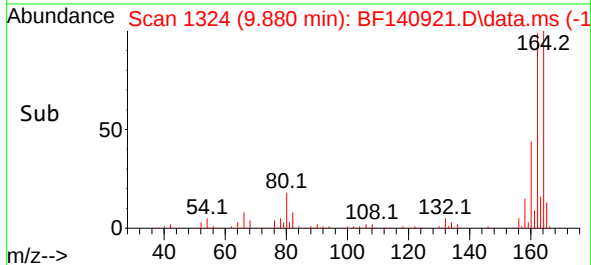
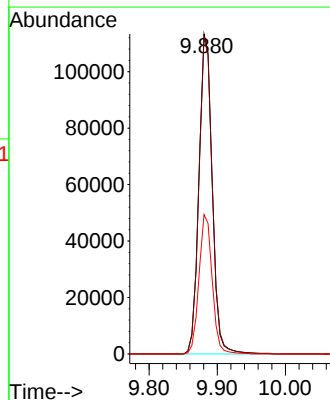
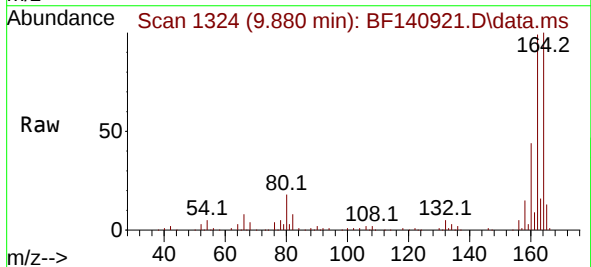
Instrument :
BNA_F
ClientSampleId :
PB165680TB

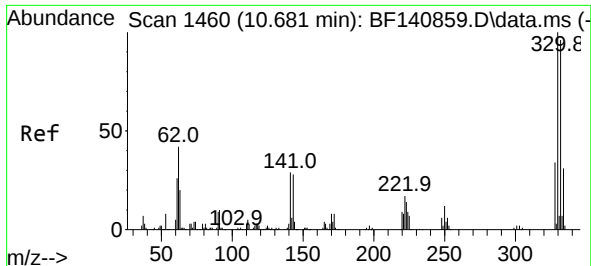
Tgt Ion: 82 Resp: 501721
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.1 21.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140921.D
Acq: 19 Dec 2024 12:56

Tgt Ion:164 Resp: 153483
Ion Ratio Lower Upper
164 100
162 99.0 79.9 119.9
160 43.5 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 143.594 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140921.D

Acq: 19 Dec 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB165680TB

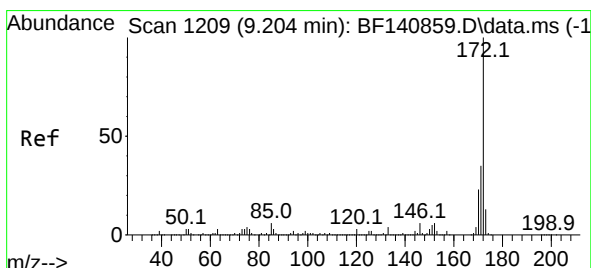
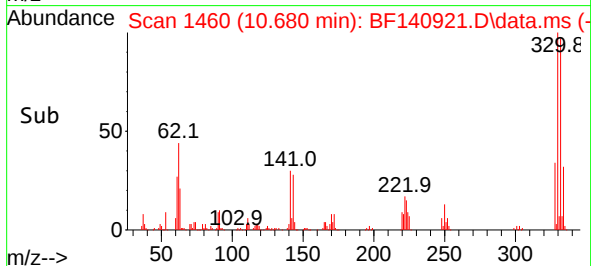
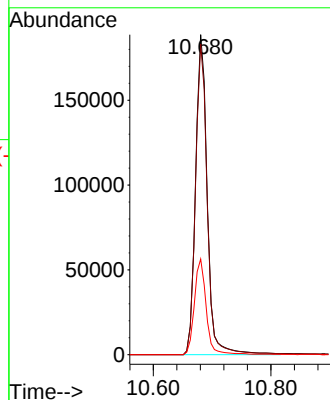
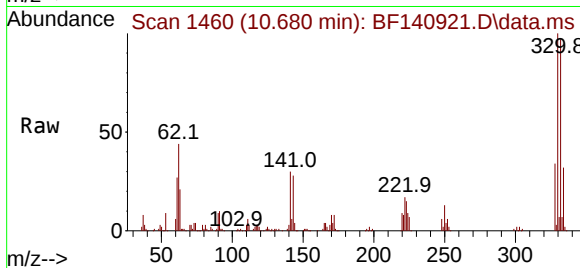
Tgt Ion:330 Resp: 260661

Ion Ratio Lower Upper

330 100

332 97.8 76.2 114.4

141 30.1 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 100.467 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF140921.D

Acq: 19 Dec 2024 12:56

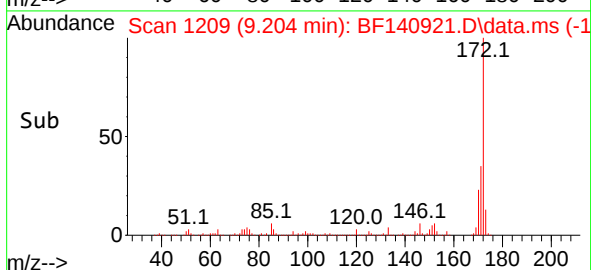
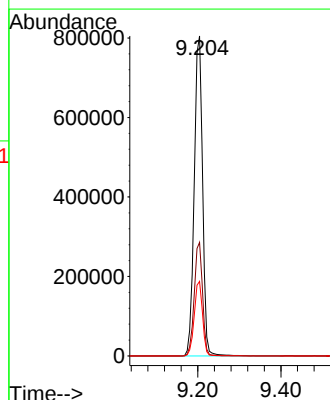
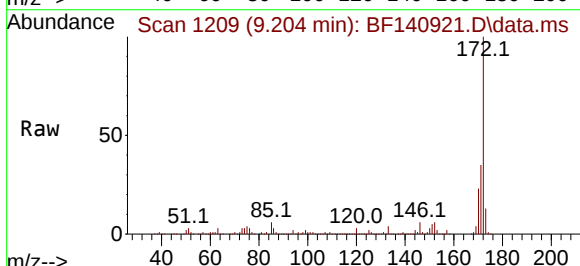
Tgt Ion:172 Resp: 1121570

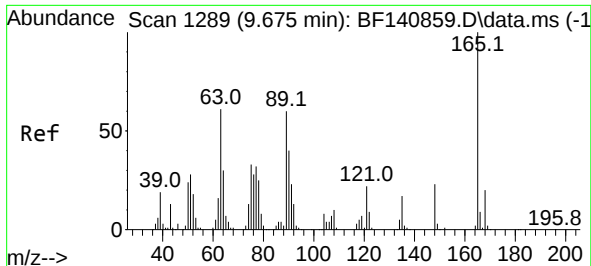
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.3 18.6 28.0

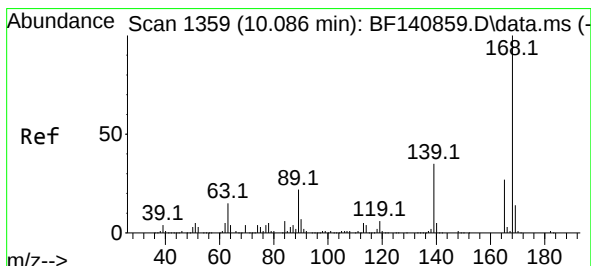
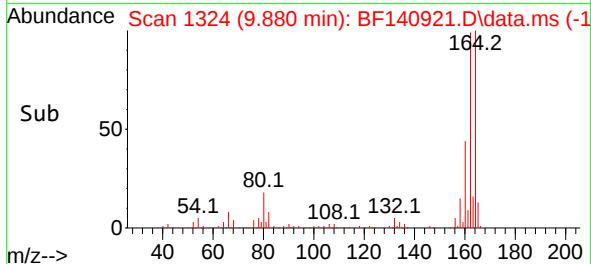
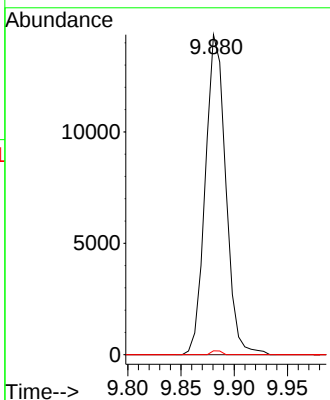
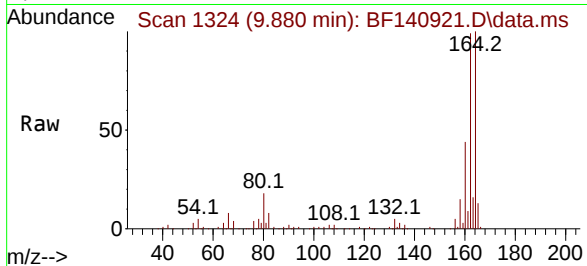




#51
2,6-Dinitrotoluene
Concen: 7.747 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140921.D
Acq: 19 Dec 2024 12:56

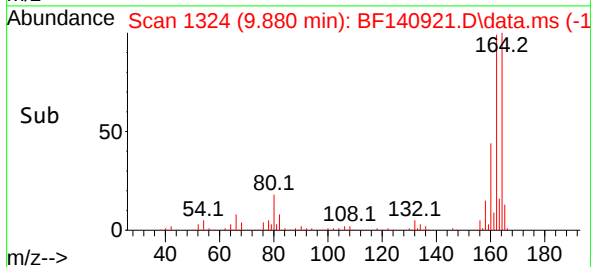
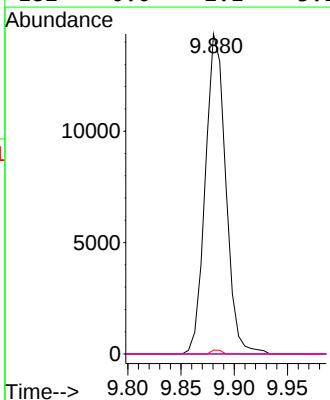
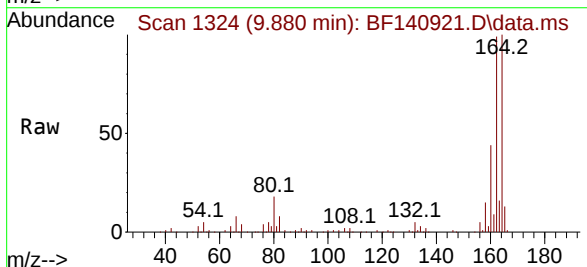
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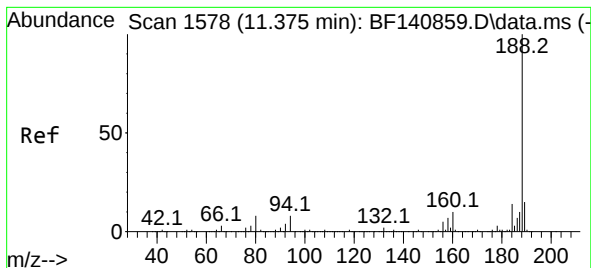
Tgt Ion:165 Resp: 19163
Ion Ratio Lower Upper
165 100
63 0.0 49.7 74.5#
89 1.2 48.2 72.4#



#57
2,4-Dinitrotoluene
Concen: 5.888 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.206 min
Lab File: BF140921.D
Acq: 19 Dec 2024 12:56

Tgt Ion:165 Resp: 19163
Ion Ratio Lower Upper
165 100
63 0.0 49.3 73.9#
89 1.2 66.2 99.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140921.D

Acq: 19 Dec 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB165680TB

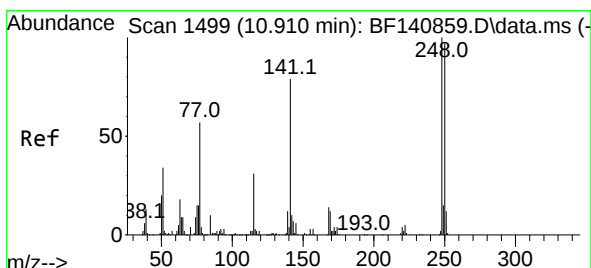
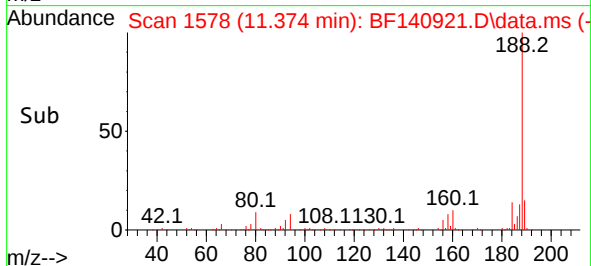
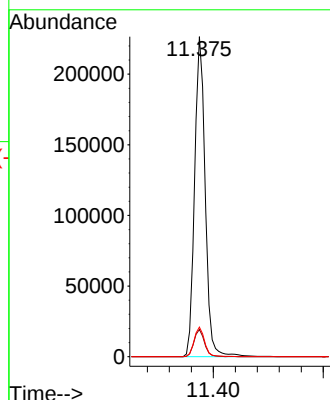
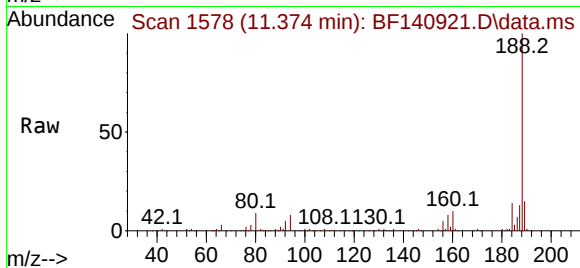
Tgt Ion:188 Resp: 302044

Ion Ratio Lower Upper

188 100

94 8.5 6.4 9.6

80 9.3 6.8 10.2



#67

4-Bromophenyl-phenylether

Concen: 4.864 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.230 min

Lab File: BF140921.D

Acq: 19 Dec 2024 12:56

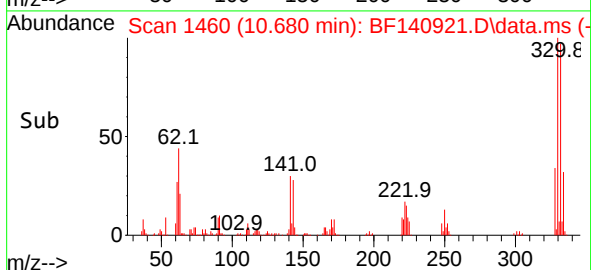
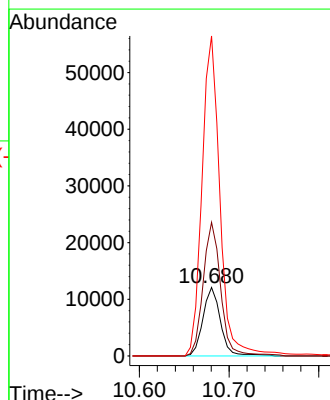
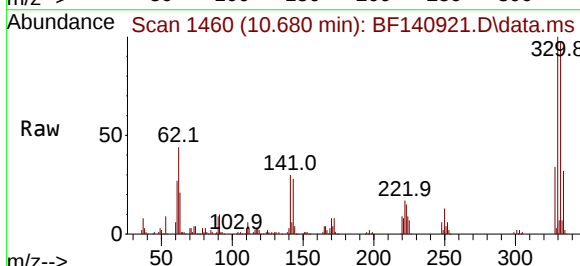
Tgt Ion:248 Resp: 16435

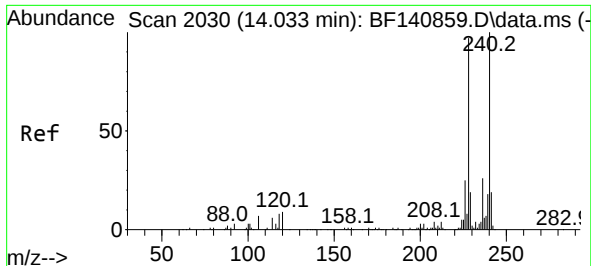
Ion Ratio Lower Upper

248 100

250 195.4 77.4 116.2#

141 467.7 62.9 94.3#

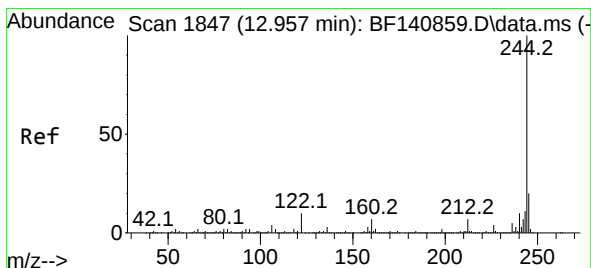
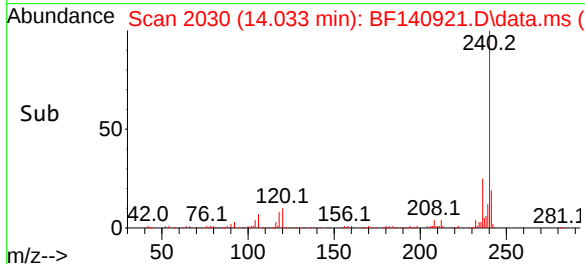
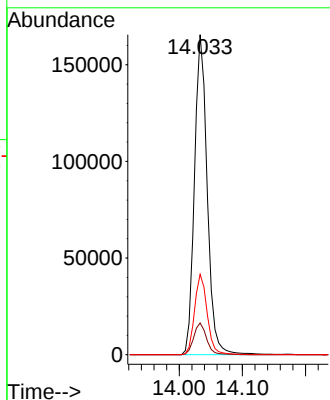
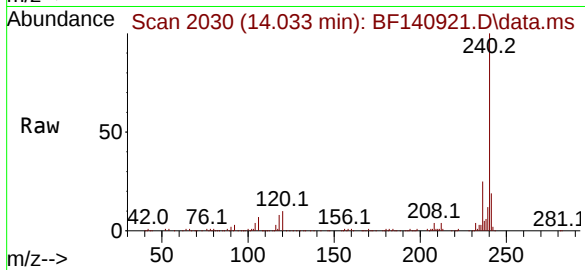




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140921.D
Acq: 19 Dec 2024 12:56

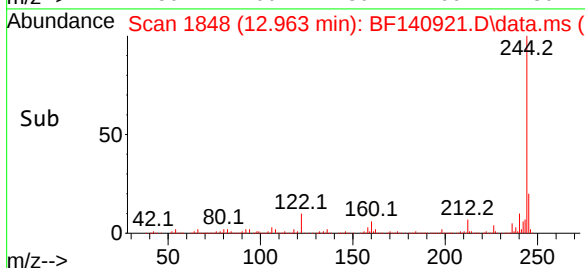
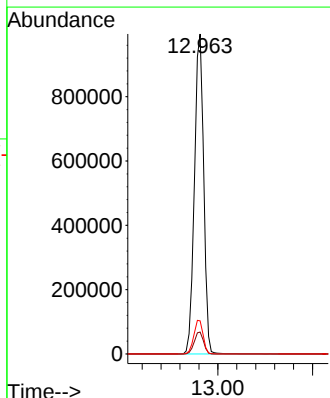
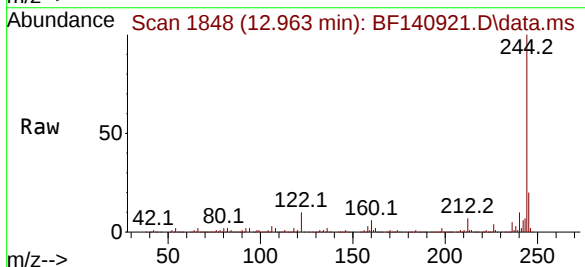
Instrument :
BNA_F
ClientSampleId :
PB165680TB

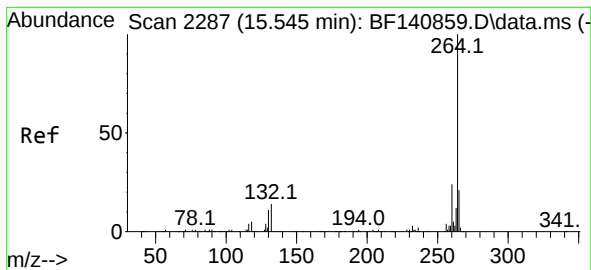
Tgt Ion:240 Resp: 232015
Ion Ratio Lower Upper
240 100
120 9.9 7.6 11.4
236 25.1 20.5 30.7



#79
Terphenyl-d14
Concen: 91.650 ng
RT: 12.963 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BF140921.D
Acq: 19 Dec 2024 12:56

Tgt Ion:244 Resp: 1348505
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 10.3 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF140921.D
Acq: 19 Dec 2024 12:56

Instrument :
BNA_F
ClientSampleId :
PB165680TB

Tgt Ion:264 Resp: 162327
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.4 17.0 25.4

