

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
 Data File : BF138587.D
 Acq On : 19 Jul 2024 13:58
 Operator : RC/JU
 Sample : P3246-07RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-CTW2-BL-02

Quant Time: Jul 19 14:33:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

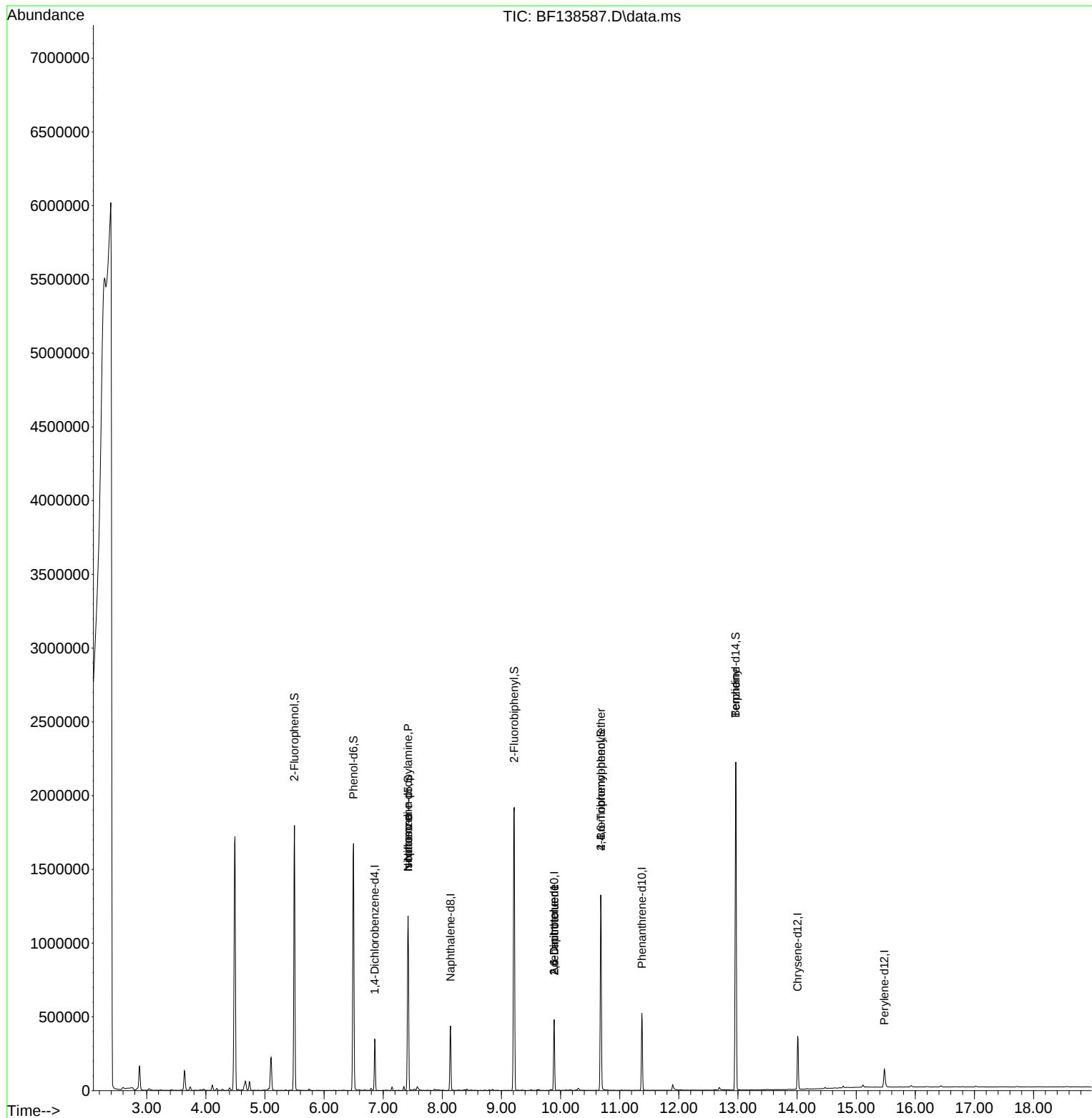
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	64656	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	260603	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	131520	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	262585	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	164621	20.000	ng	-0.02
86) Perylene-d12	15.474	264	56136	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	603884	147.922	ng	0.00
7) Phenol-d6	6.498	99	756695	139.332	ng	0.00
23) Nitrobenzene-d5	7.422	82	522901	98.515	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	208834	169.896	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	843564	100.244	ng	-0.01
79) Terphenyl-d14	12.963	244	1068481	105.739	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	71730	21.375	ng	# 73
25) Isophorone	7.422	82	520136	57.062	ng	# 67
51) 2,6-Dinitrotoluene	9.892	165	15977	8.159	ng	# 25
57) 2,4-Dinitrotoluene	9.892	165	15977	6.306	ng	# 19
67) 4-Bromophenyl-phenylether	10.680	248	13782	5.107	ng	# 1
77) Benzidine	12.963	184	14625	3.521	ng	# 91

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

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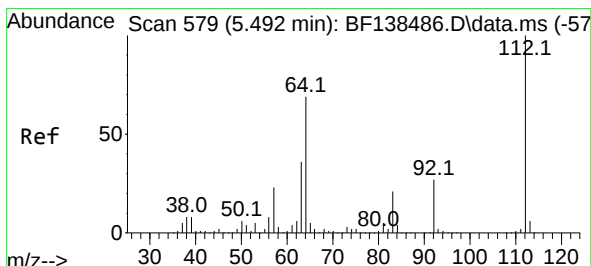
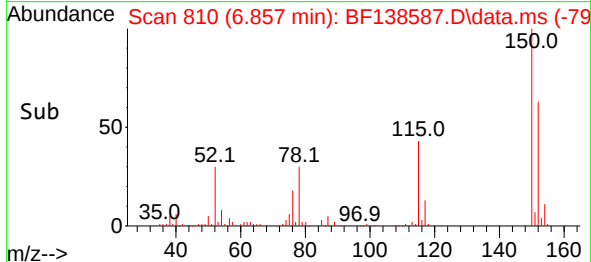
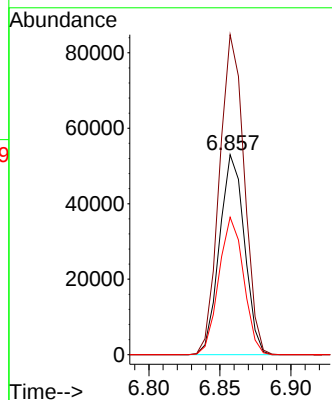
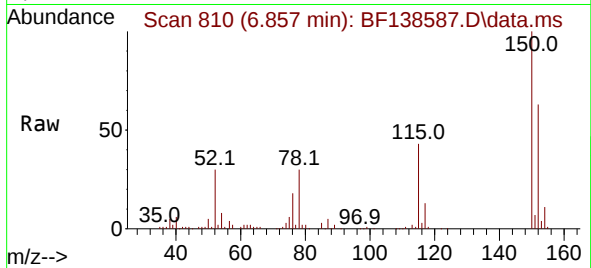




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF138587.D
Acq: 19 Jul 2024 13:58

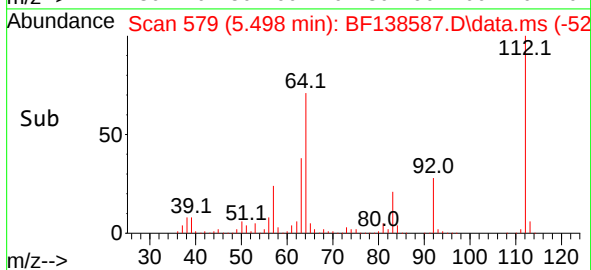
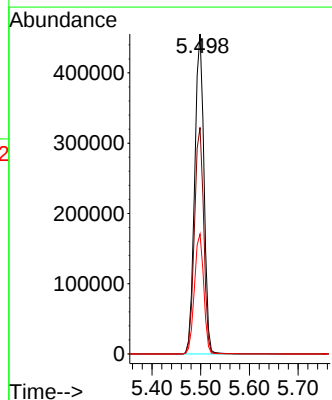
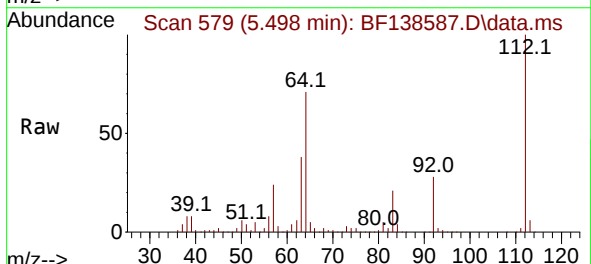
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02

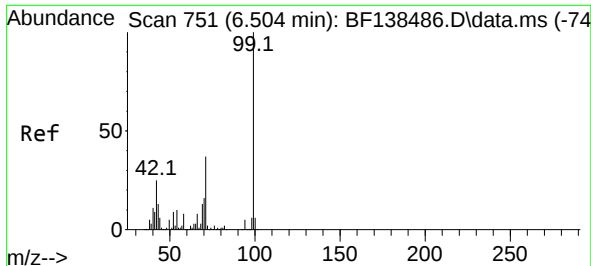
Tgt Ion:152 Resp: 64656
Ion Ratio Lower Upper
152 100
150 160.0 126.2 189.4
115 68.7 50.3 75.5



#5
2-Fluorophenol
Concen: 147.922 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF138587.D
Acq: 19 Jul 2024 13:58

Tgt Ion:112 Resp: 603884
Ion Ratio Lower Upper
112 100
64 70.8 55.1 82.7
63 37.5 29.0 43.6

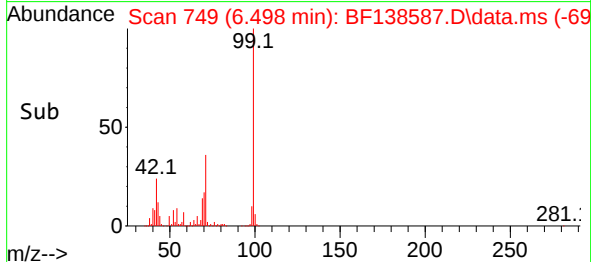
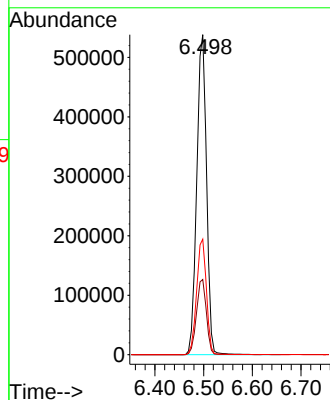
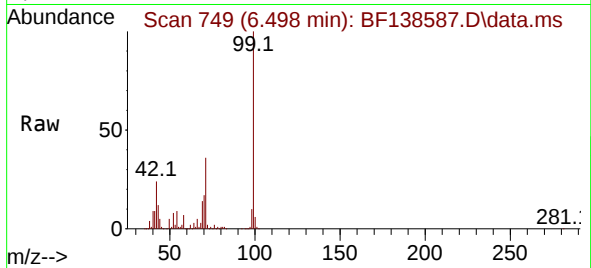




#7
Phenol-d6
Concen: 139.332 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138587.D
Acq: 19 Jul 2024 13:58

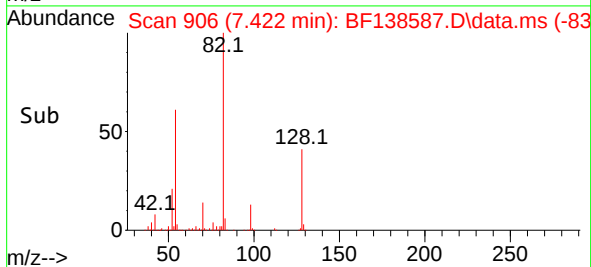
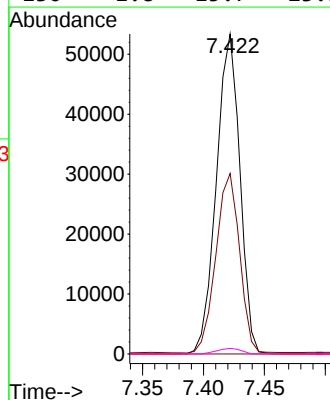
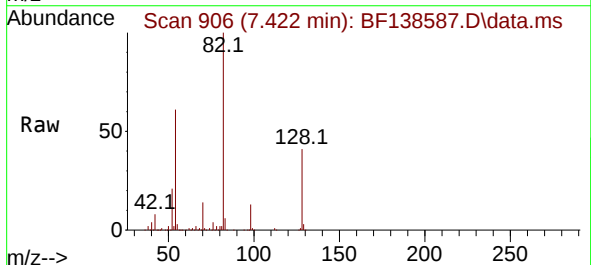
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02

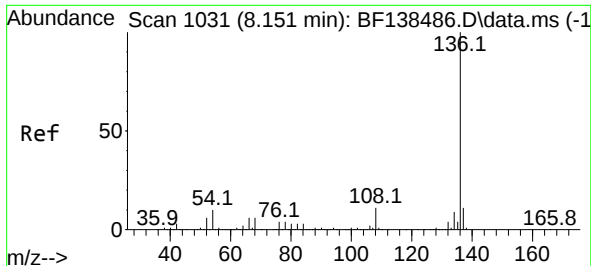
Tgt Ion: 99 Resp: 756695
Ion Ratio Lower Upper
99 100
42 23.5 19.7 29.5
71 36.1 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 21.375 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF138587.D
Acq: 19 Jul 2024 13:58

Tgt Ion: 70 Resp: 71730
Ion Ratio Lower Upper
70 100
42 56.4 62.4 93.6#
101 0.0 7.2 10.8#
130 1.8 15.7 23.5#



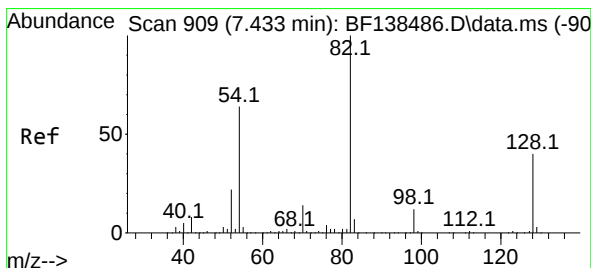
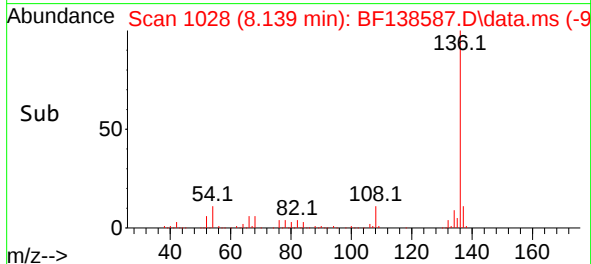
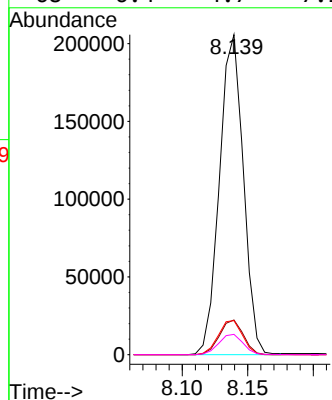
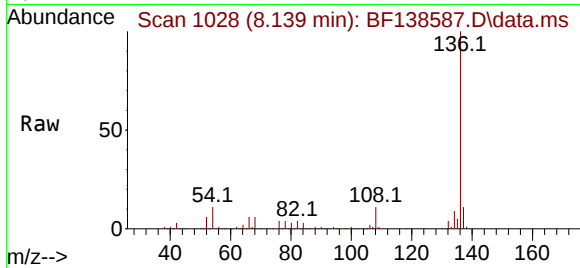


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138587.D
Acq: 19 Jul 2024 13:58

Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02

Tgt Ion:136 Resp: 260603

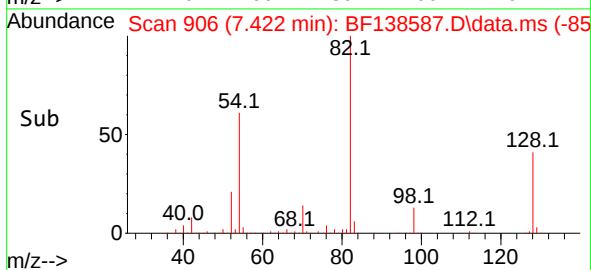
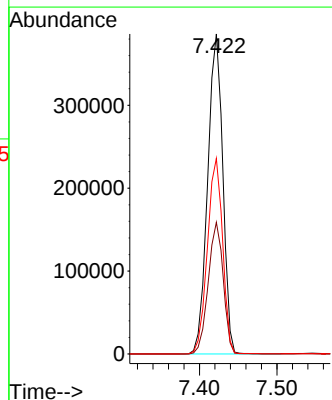
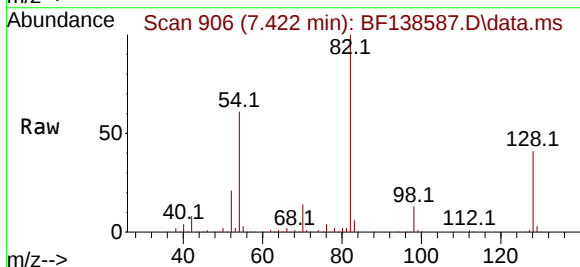
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.6	8.1	12.1
68	6.4	4.7	7.1



#23
Nitrobenzene-d5
Concen: 98.515 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF138587.D
Acq: 19 Jul 2024 13:58

Tgt Ion: 82 Resp: 522901

Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.3	48.5
54	61.1	51.4	77.0

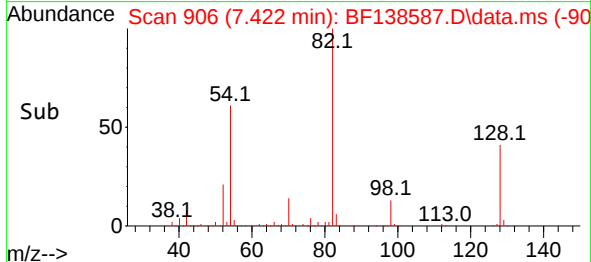
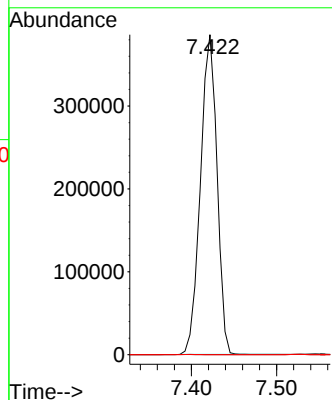
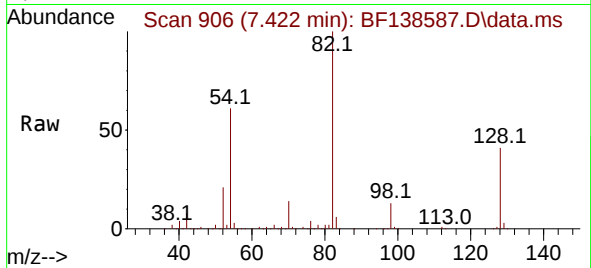




#25
Isophorone
Concen: 57.062 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138587.D
Acq: 19 Jul 2024 13:58

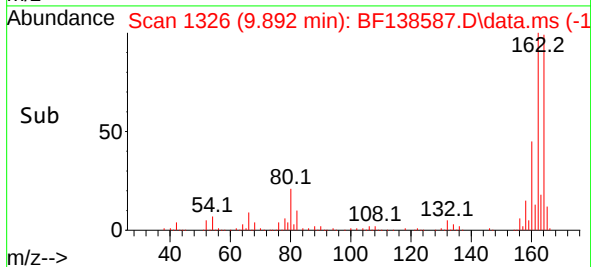
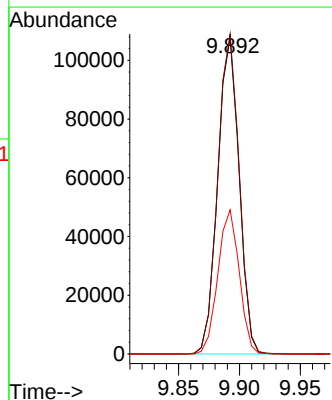
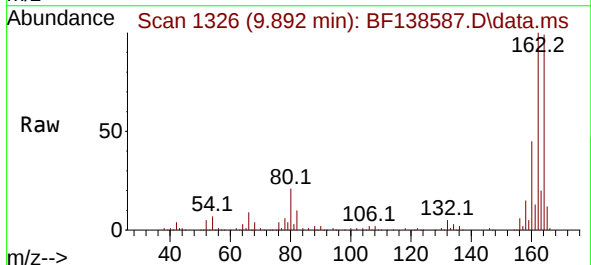
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02

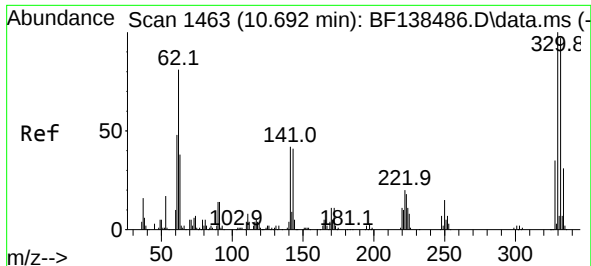
Tgt Ion: 82 Resp: 520136
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF138587.D
Acq: 19 Jul 2024 13:58

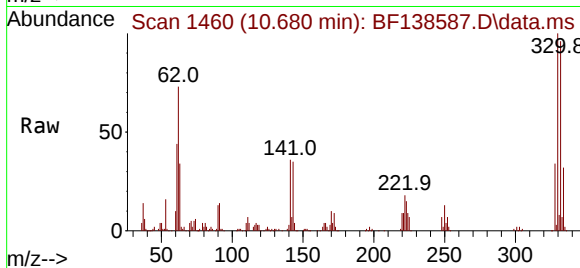
Tgt Ion: 164 Resp: 131520
Ion Ratio Lower Upper
164 100
162 101.2 79.0 118.6
160 45.6 34.4 51.6



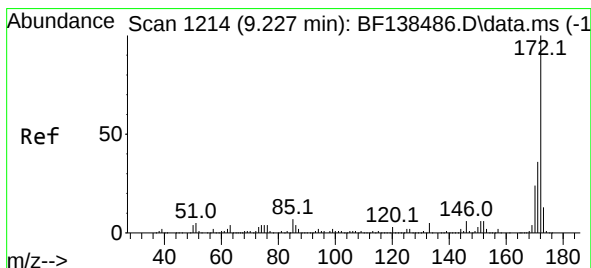
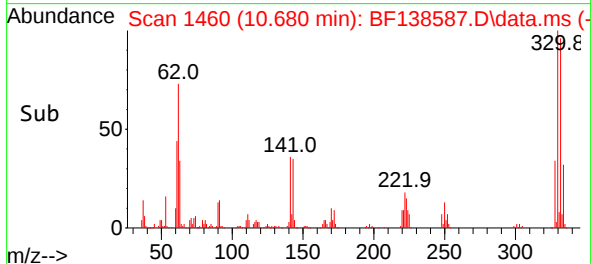
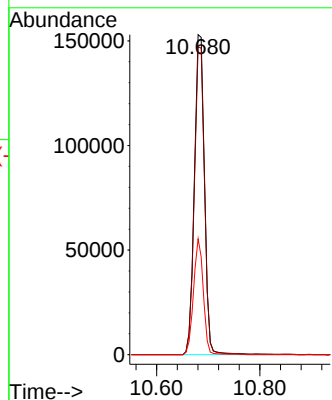


#42
2,4,6-Tribromophenol
Concen: 169.896 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF138587.D
Acq: 19 Jul 2024 13:58

Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02

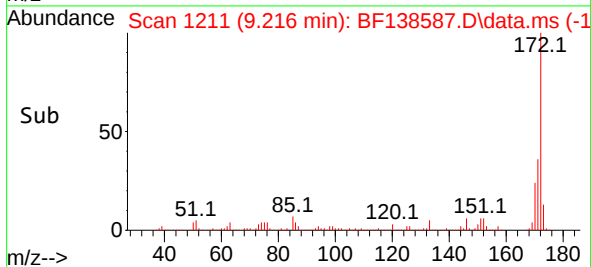
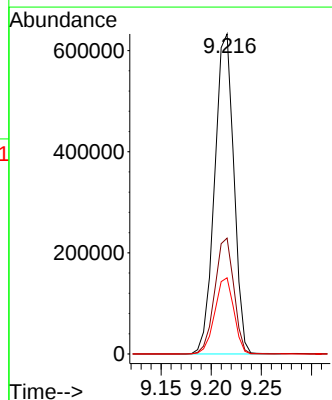
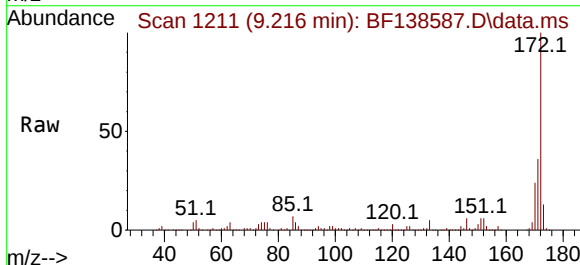


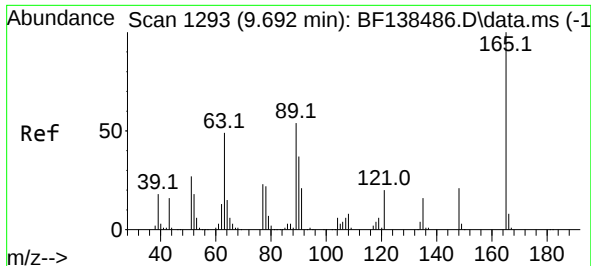
Tgt Ion:330 Resp: 208834
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 34.7 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 100.244 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BF138587.D
Acq: 19 Jul 2024 13:58

Tgt Ion:172 Resp: 843564
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 23.8 18.9 28.3

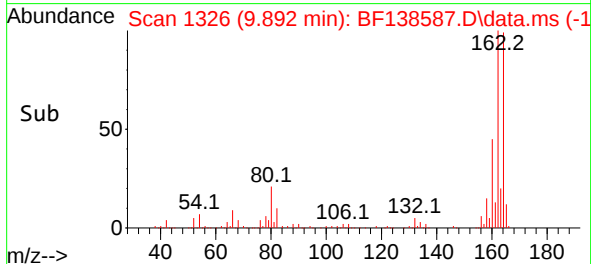
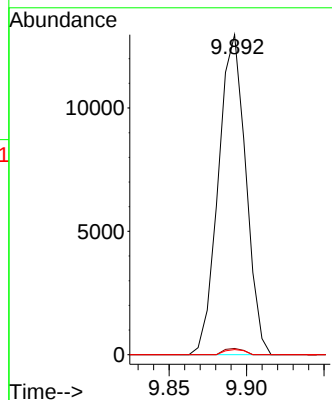
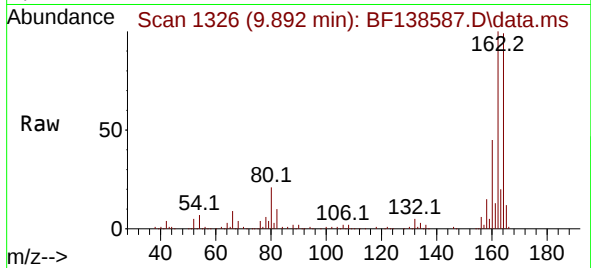




#51
2,6-Dinitrotoluene
Concen: 8.159 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138587.D
Acq: 19 Jul 2024 13:58

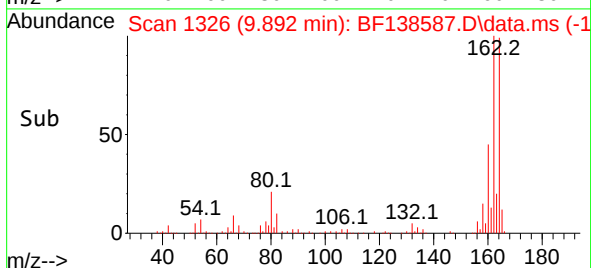
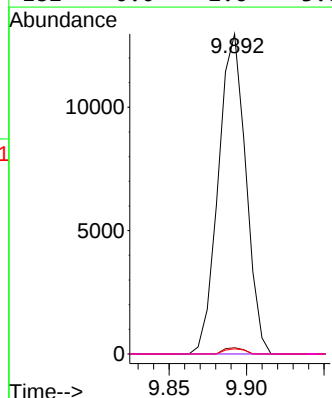
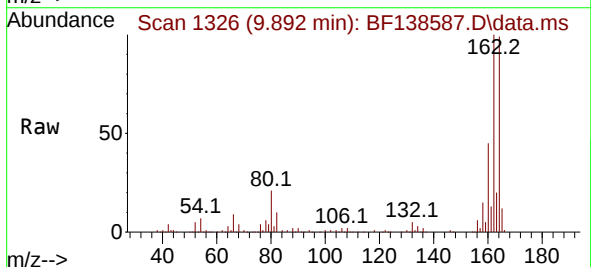
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02

Tgt Ion:165 Resp: 15977
Ion Ratio Lower Upper
165 100
63 1.9 48.1 72.1#
89 1.6 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.306 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF138587.D
Acq: 19 Jul 2024 13:58

Tgt Ion:165 Resp: 15977
Ion Ratio Lower Upper
165 100
63 1.9 44.6 66.8#
89 1.6 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138587.D

Acq: 19 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02

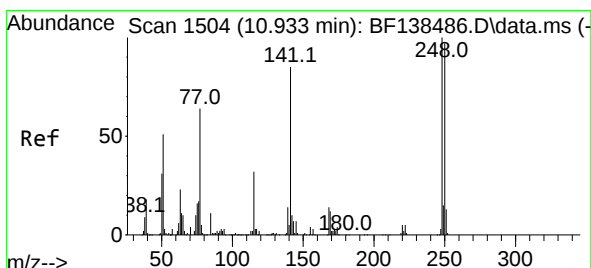
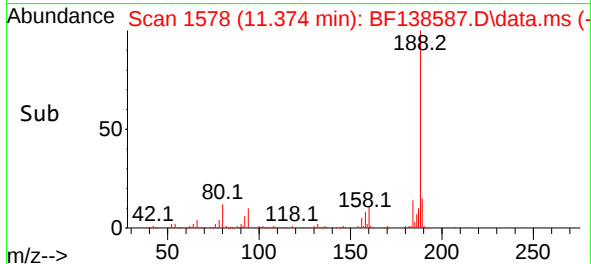
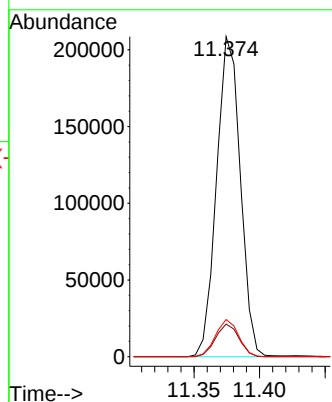
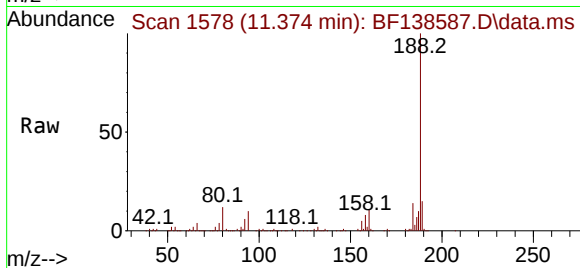
Tgt Ion:188 Resp: 262585

Ion Ratio Lower Upper

188 100

94 10.2 8.7 13.1

80 11.6 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.107 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.253 min

Lab File: BF138587.D

Acq: 19 Jul 2024 13:58

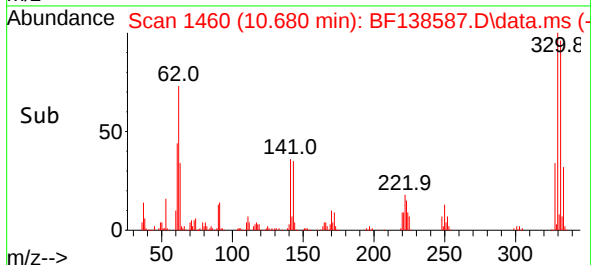
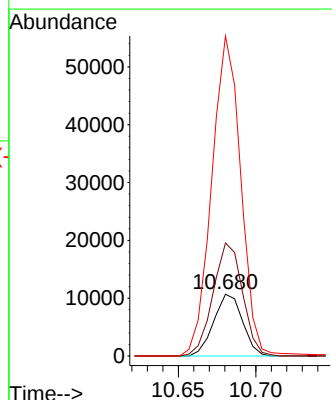
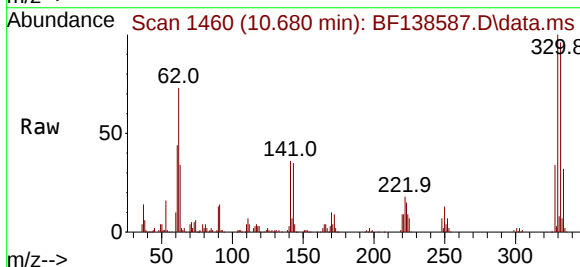
Tgt Ion:248 Resp: 13782

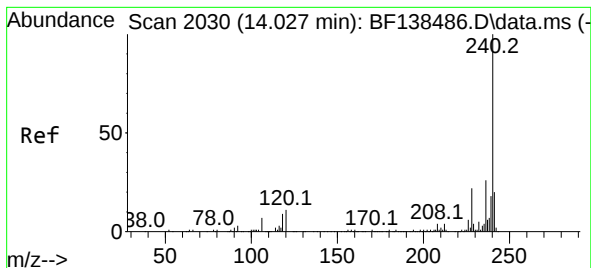
Ion Ratio Lower Upper

248 100

250 183.0 77.9 116.9#

141 518.7 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2030

Delta R.T. -0.018 min

Lab File: BF138587.D

Acq: 19 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02

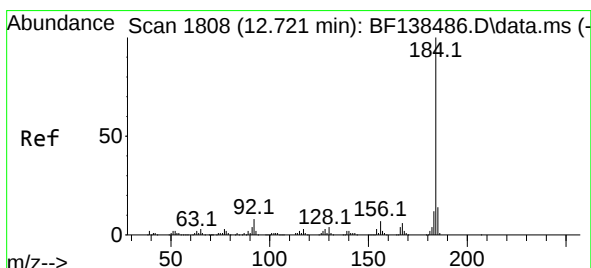
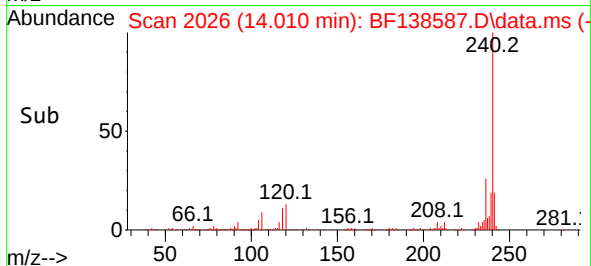
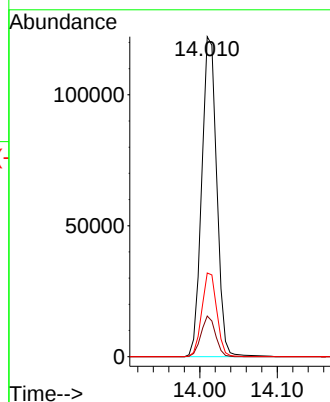
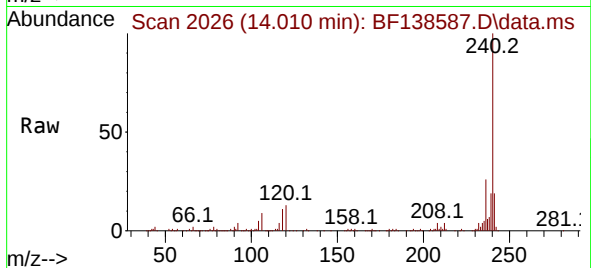
Tgt Ion:240 Resp: 164621

Ion Ratio Lower Upper

240 100

120 12.7 8.6 12.8

236 26.2 21.0 31.6



#77

Benzdine

Concen: 3.521 ng

RT: 12.963 min Scan# 1848

Delta R.T. 0.242 min

Lab File: BF138587.D

Acq: 19 Jul 2024 13:58

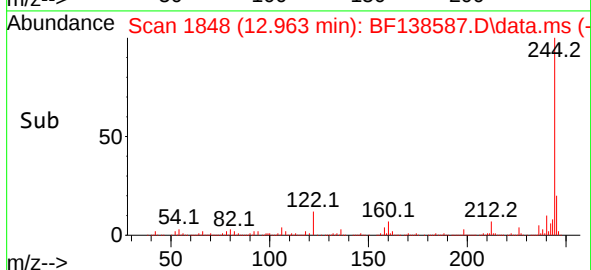
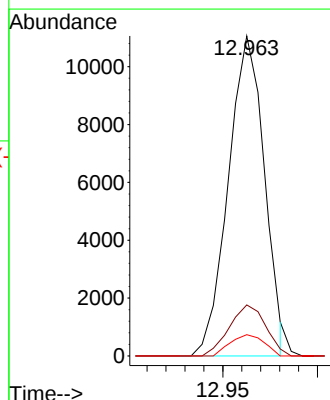
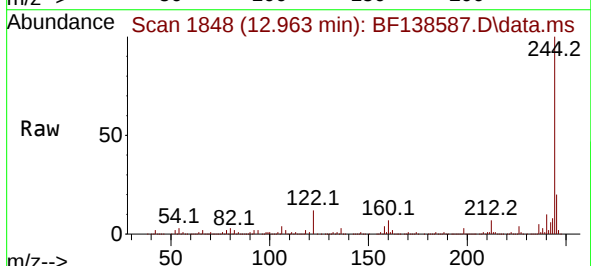
Tgt Ion:184 Resp: 14625

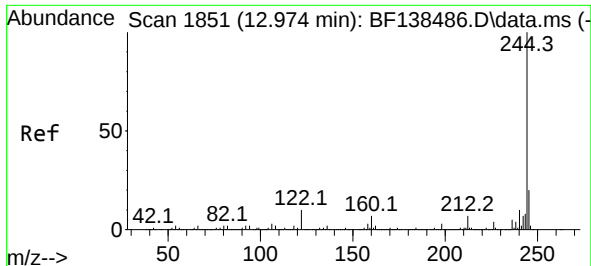
Ion Ratio Lower Upper

184 100

185 15.9 11.3 16.9

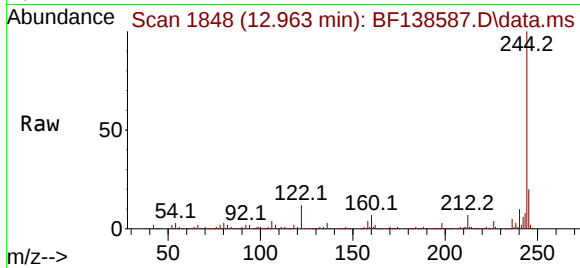
183 6.6 9.5 14.3#



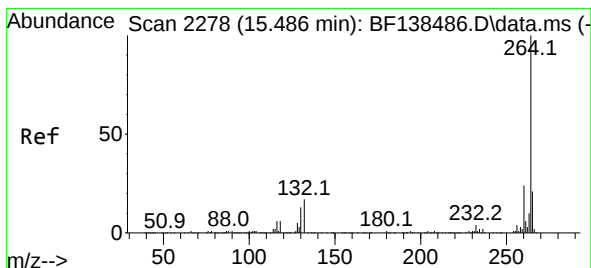
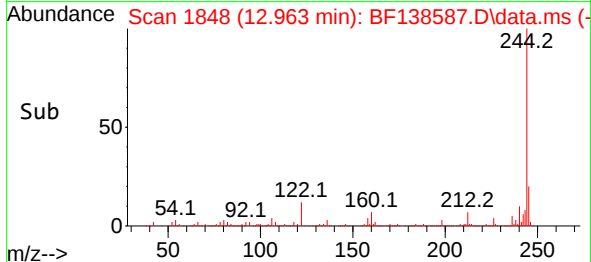
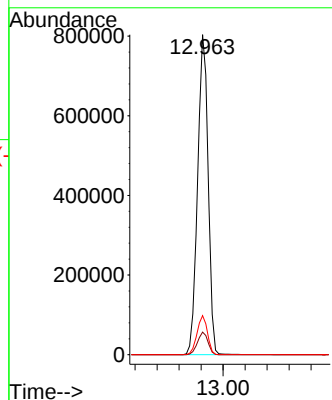


#79
Terphenyl-d14
Concen: 105.739 ng
RT: 12.963 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BF138587.D
Acq: 19 Jul 2024 13:58

Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02



Tgt Ion:244 Resp: 1068481
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 12.2 7.8 11.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2275
Delta R.T. -0.012 min
Lab File: BF138587.D
Acq: 19 Jul 2024 13:58

Tgt Ion:264 Resp: 56136
Ion Ratio Lower Upper
264 100
260 25.7 19.0 28.6
265 20.1 17.0 25.4

