

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
 Data File : BF138526.D
 Acq On : 11 Jul 2024 16:43
 Operator : CG\JU
 Sample : P3184-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOO-23-00199

Quant Time: Jul 11 17:27:59 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)

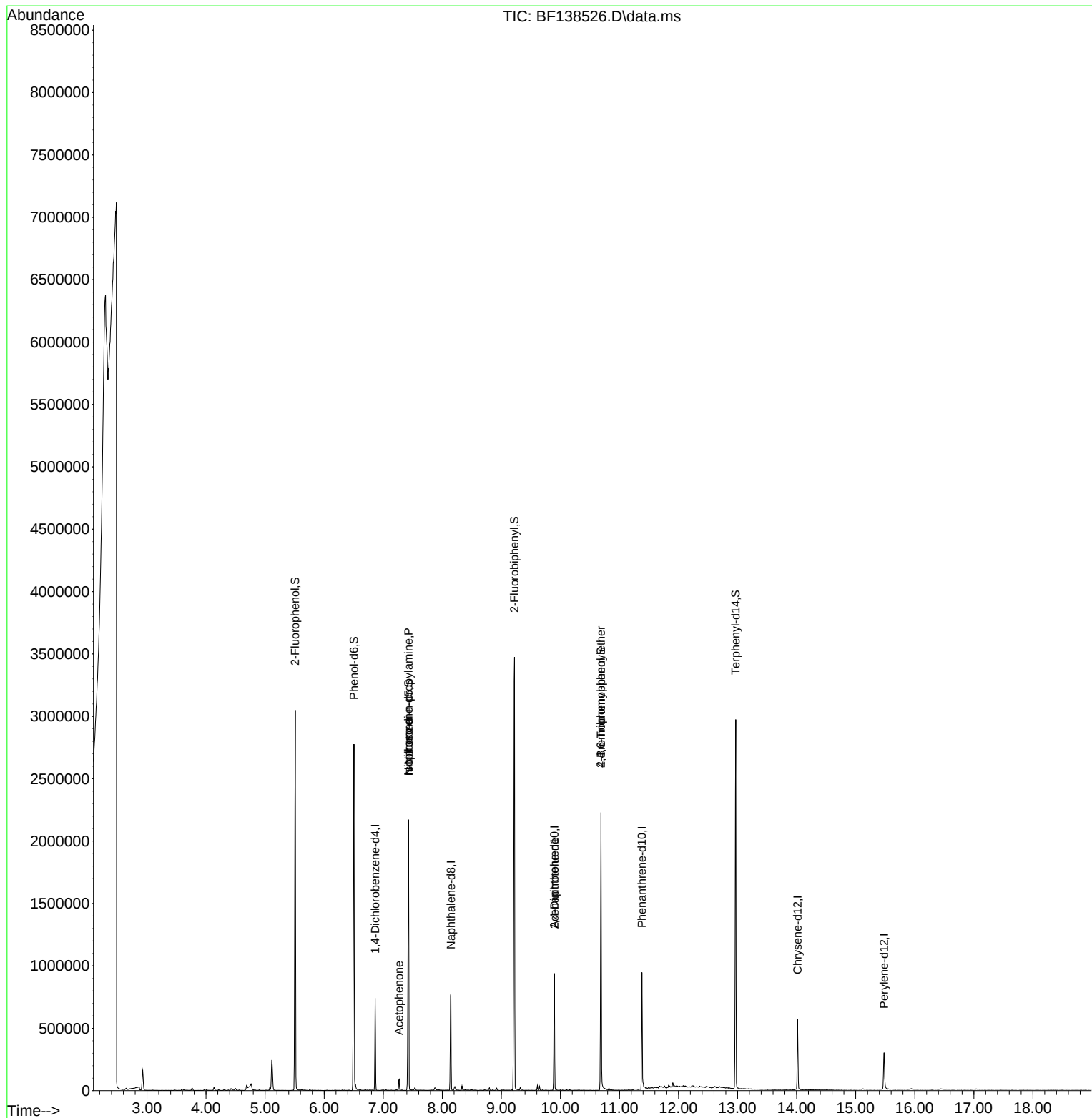
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	89313	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	357560	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	197656	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	299057	20.000	ng	0.00
76) Chrysene-d12	14.016	240	177043	20.000	ng	-0.01
86) Perylene-d12	15.480	264	144046	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	728265	129.141	ng	0.02
7) Phenol-d6	6.504	99	870235	116.001	ng	0.00
23) Nitrobenzene-d5	7.428	82	696482	95.636	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	242287	131.158	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1218951	96.385	ng	0.00
79) Terphenyl-d14	12.969	244	983620	90.511	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	94506	20.388	ng	# 73
22) Acetophenone	7.269	105	23202	2.672	ng	# 82
25) Isophorone	7.428	82	696476	55.689	ng	# 67
57) 2,4-Dinitrotoluene	9.898	165	25218	6.623	ng	# 19
67) 4-Bromophenyl-phenylether	10.686	248	16756	5.451	ng	# 1

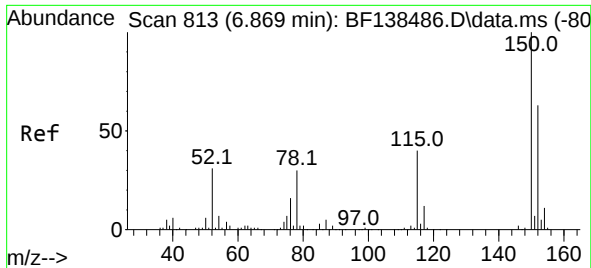
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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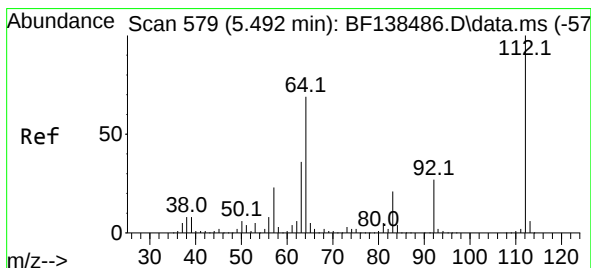
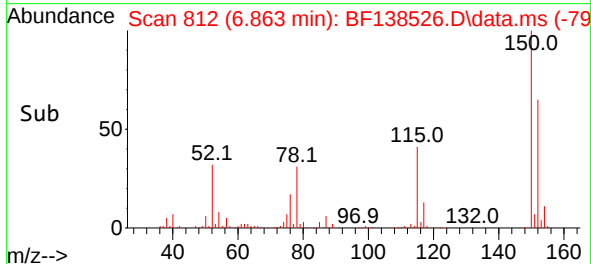
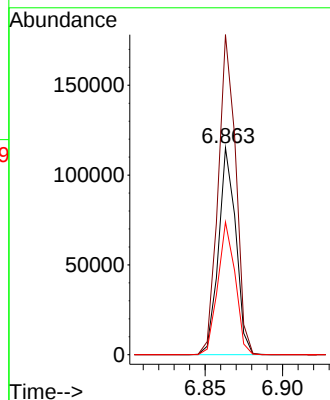
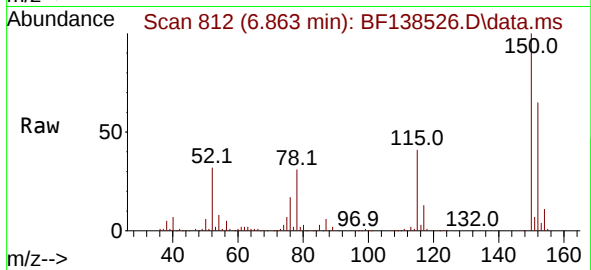




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138526.D
Acq: 11 Jul 2024 16:43

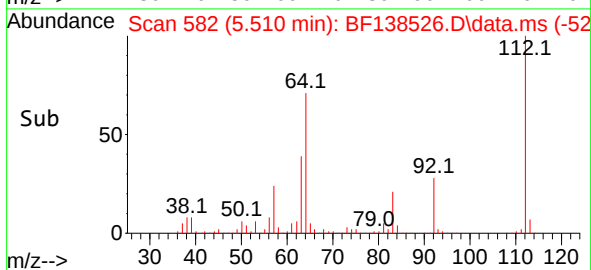
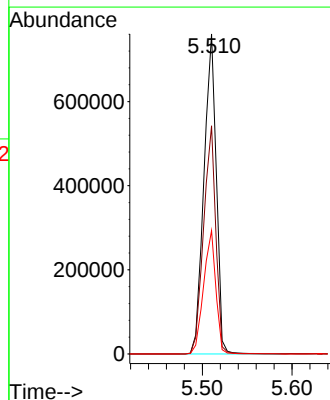
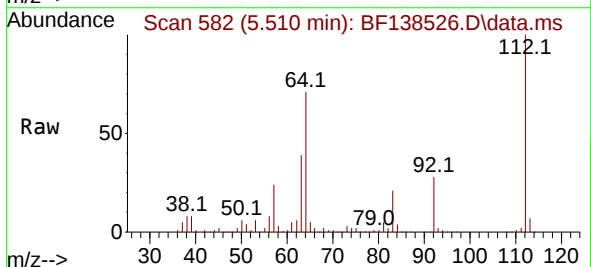
Instrument :
BNA_F
ClientSampleId :
MOO-23-00199

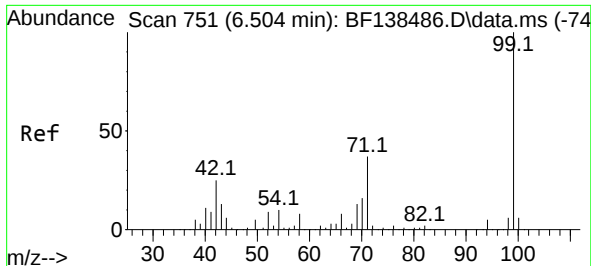
Tgt Ion:152 Resp: 89313
Ion Ratio Lower Upper
152 100
150 154.7 126.2 189.4
115 64.1 50.3 75.5



#5
2-Fluorophenol
Concen: 129.141 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF138526.D
Acq: 11 Jul 2024 16:43

Tgt Ion:112 Resp: 728265
Ion Ratio Lower Upper
112 100
64 71.3 55.1 82.7
63 38.5 29.0 43.6

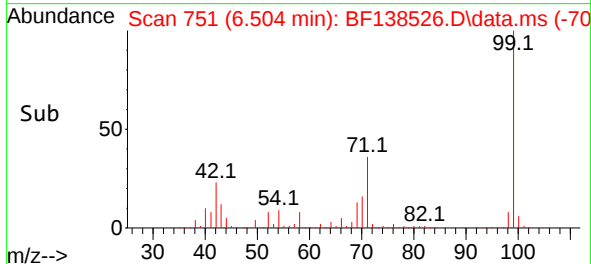
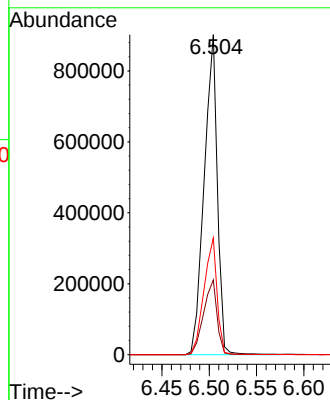
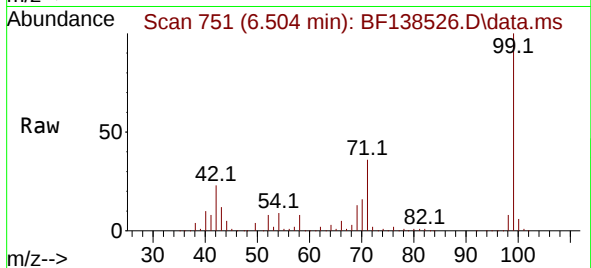




#7
Phenol-d6
Concen: 116.001 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138526.D
Acq: 11 Jul 2024 16:43

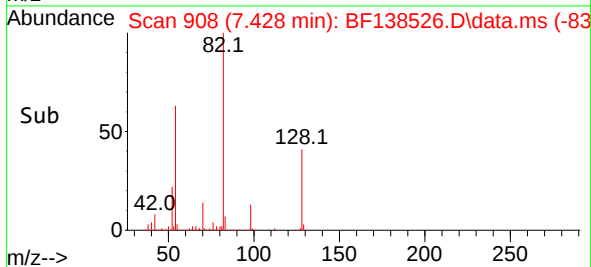
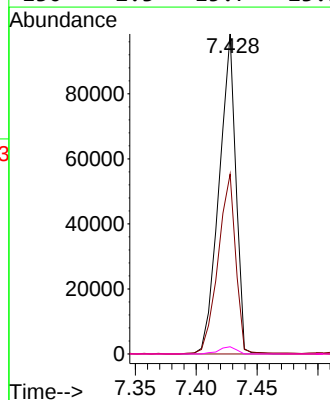
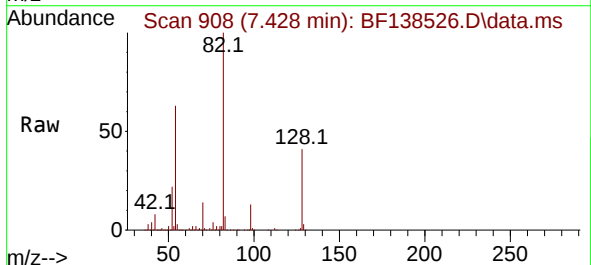
Instrument :
BNA_F
ClientSampleId :
MOO-23-00199

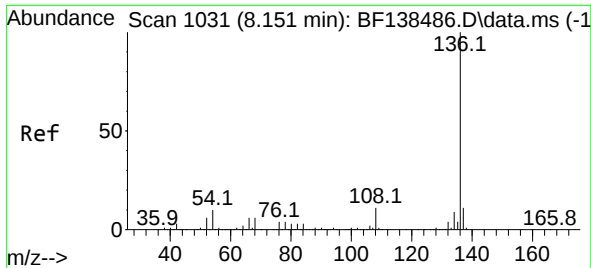
Tgt Ion: 99 Resp: 870235
Ion Ratio Lower Upper
99 100
42 23.4 19.7 29.5
71 36.4 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 20.388 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF138526.D
Acq: 11 Jul 2024 16:43

Tgt Ion: 70 Resp: 94506
Ion Ratio Lower Upper
70 100
42 56.2 62.4 93.6#
101 0.0 7.2 10.8#
130 2.3 15.7 23.5#

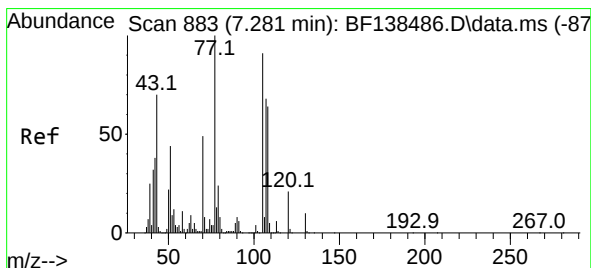
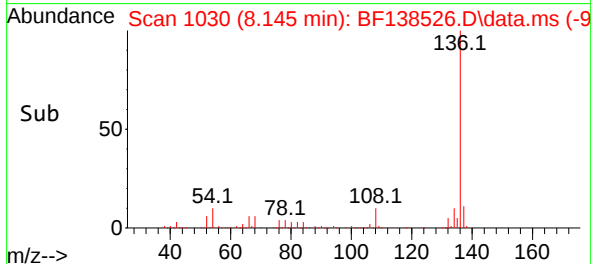
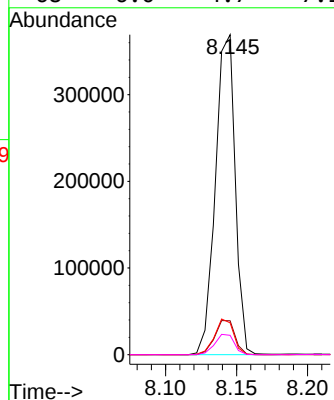
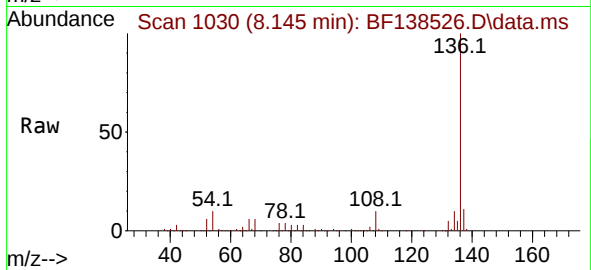




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138526.D
Acq: 11 Jul 2024 16:43

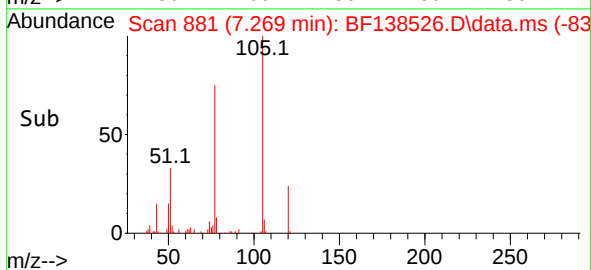
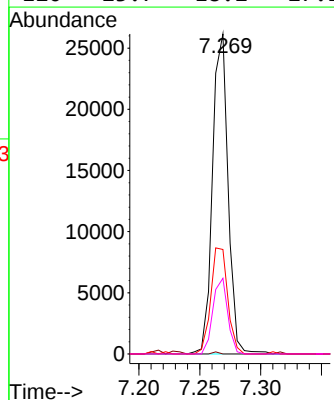
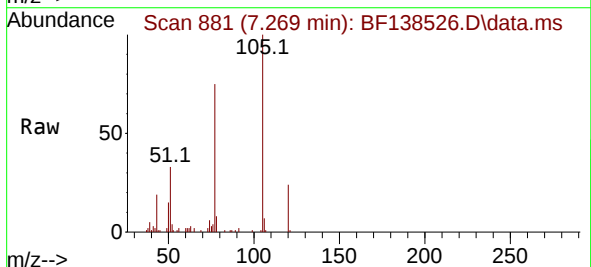
Instrument :
BNA_F
ClientSampleId :
MOO-23-00199

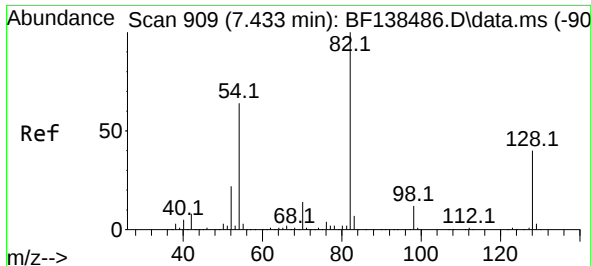
Tgt Ion:136 Resp: 357560
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 10.0 8.1 12.1
68 6.0 4.7 7.1



#22
Acetophenone
Concen: 2.672 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF138526.D
Acq: 11 Jul 2024 16:43

Tgt Ion:105 Resp: 23202
Ion Ratio Lower Upper
105 100
71 0.0 7.4 11.2#
51 32.7 38.7 58.1#
120 23.7 18.2 27.2

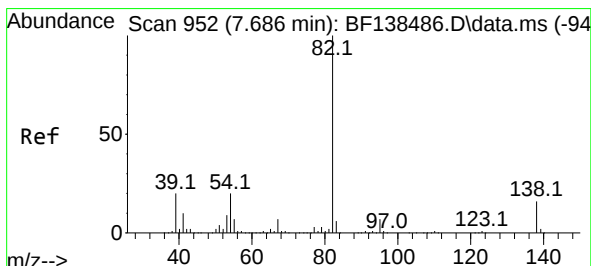
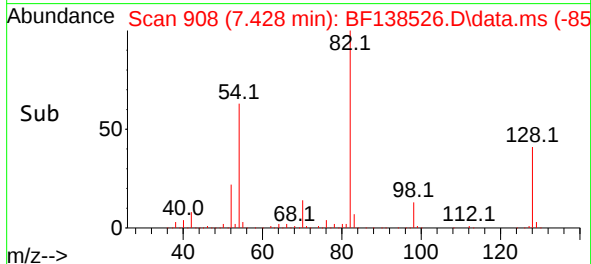
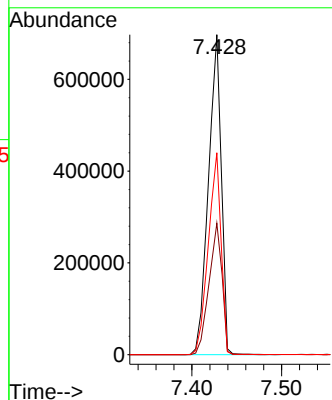
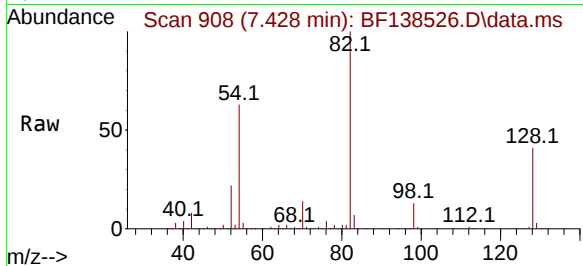




#23
Nitrobenzene-d5
Concen: 95.636 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF138526.D
Acq: 11 Jul 2024 16:43

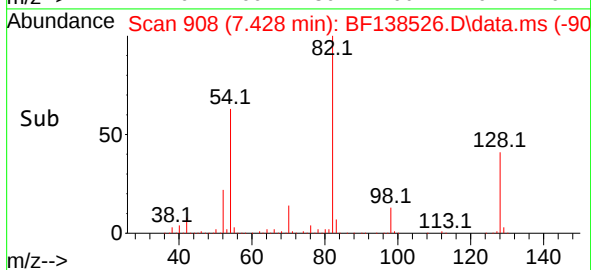
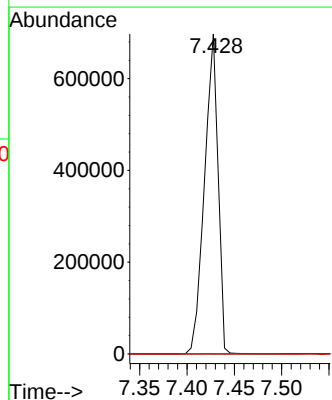
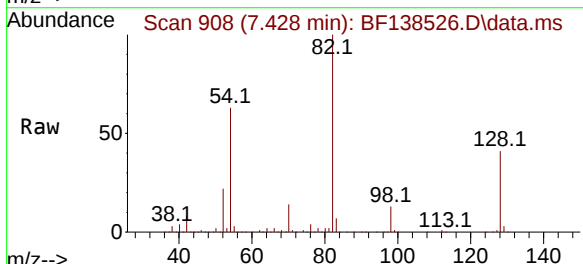
Instrument :
BNA_F
ClientSampleId :
MOO-23-00199

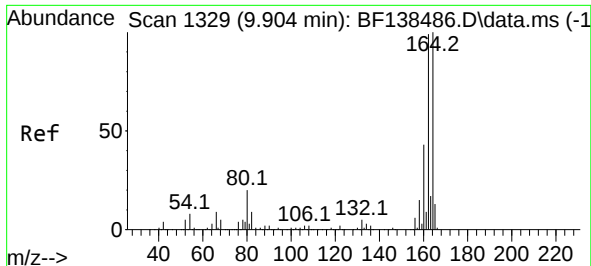
Tgt Ion: 82 Resp: 696482
Ion Ratio Lower Upper
82 100
128 41.1 32.3 48.5
54 63.1 51.4 77.0



#25
Isophorone
Concen: 55.689 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.259 min
Lab File: BF138526.D
Acq: 11 Jul 2024 16:43

Tgt Ion: 82 Resp: 696476
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#

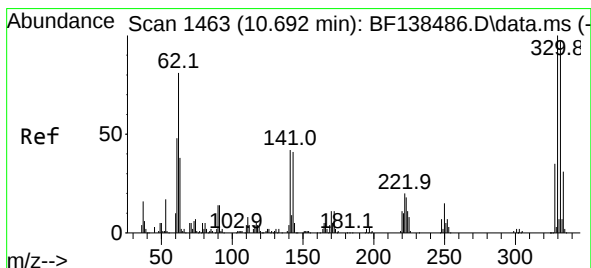
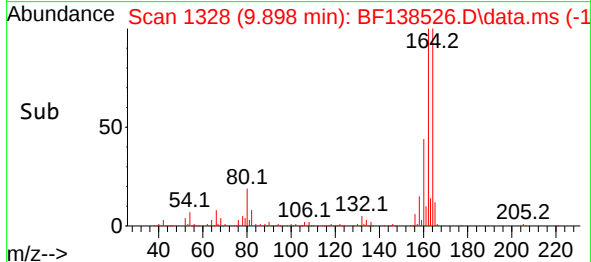
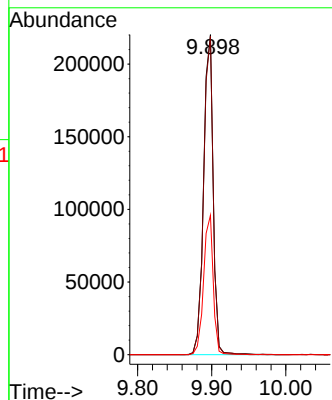
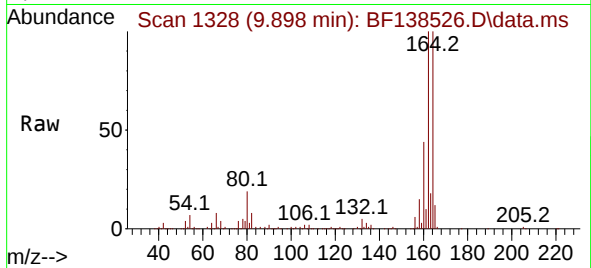




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138526.D
Acq: 11 Jul 2024 16:43

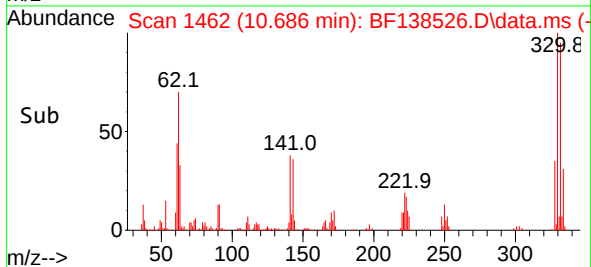
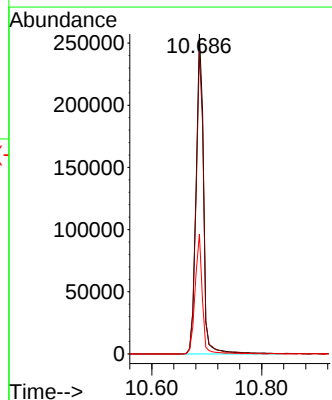
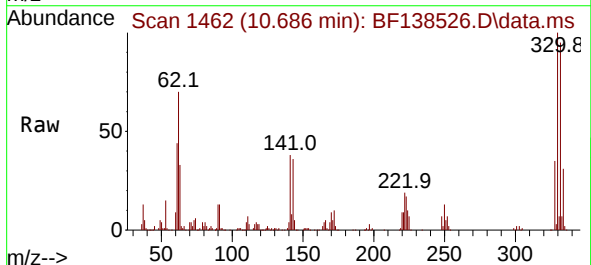
Instrument :
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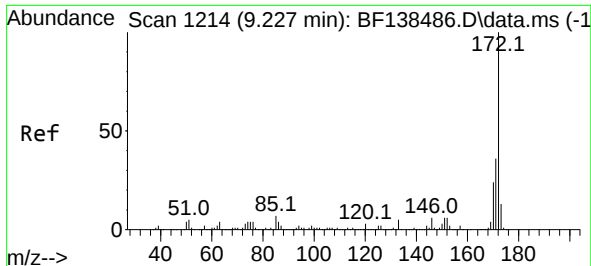
Tgt Ion:164 Resp: 197656
Ion Ratio Lower Upper
164 100
162 99.6 79.0 118.6
160 43.6 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 131.158 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF138526.D
Acq: 11 Jul 2024 16:43

Tgt Ion:330 Resp: 242287
Ion Ratio Lower Upper
330 100
332 94.0 76.8 115.2
141 36.1 29.4 44.2





#45

2-Fluorobiphenyl

Concen: 96.385 ng

RT: 9.222 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138526.D

Acq: 11 Jul 2024 16:43

Instrument :

BNA_F

ClientSampleId :

MOO-23-00199

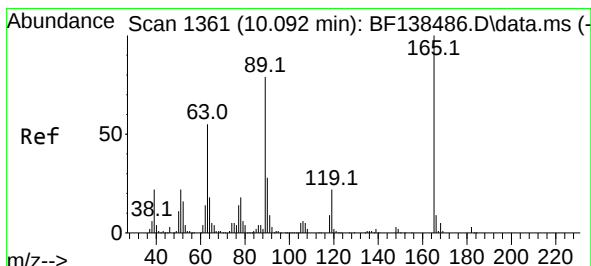
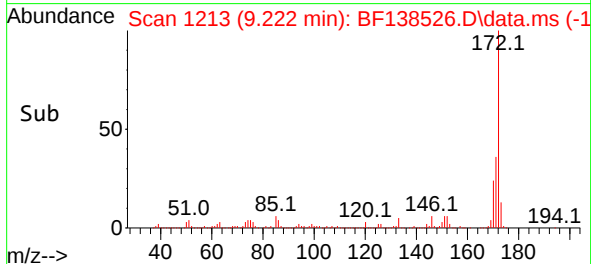
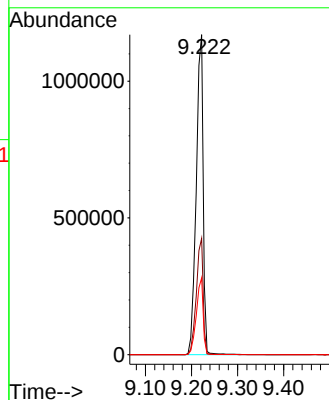
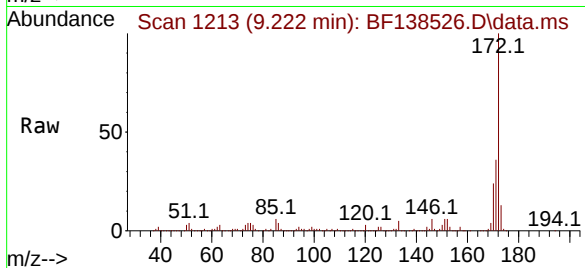
Tgt Ion:172 Resp: 1218951

Ion Ratio Lower Upper

172 100

171 36.4 28.9 43.3

170 24.0 18.9 28.3



#57

2,4-Dinitrotoluene

Concen: 6.623 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.194 min

Lab File: BF138526.D

Acq: 11 Jul 2024 16:43

Tgt Ion:165 Resp: 25218

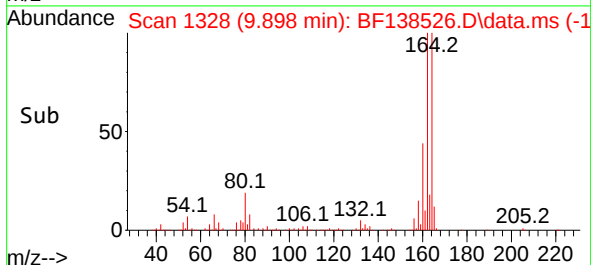
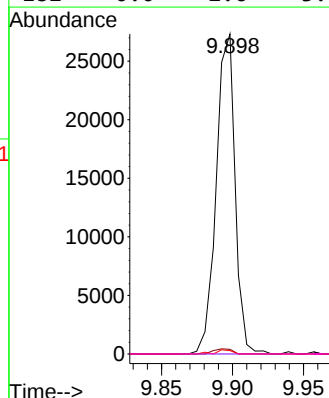
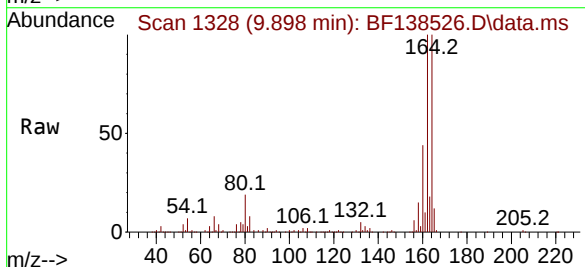
Ion Ratio Lower Upper

165 100

63 1.5 44.6 66.8#

89 1.1 63.4 95.2#

182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138526.D

Acq: 11 Jul 2024 16:43

Instrument :

BNA_F

ClientSampleId :

MOO-23-00199

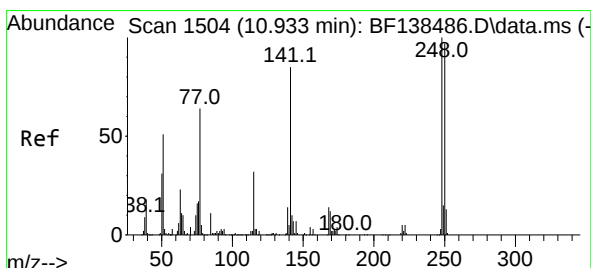
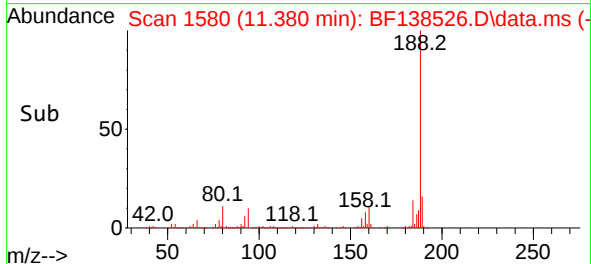
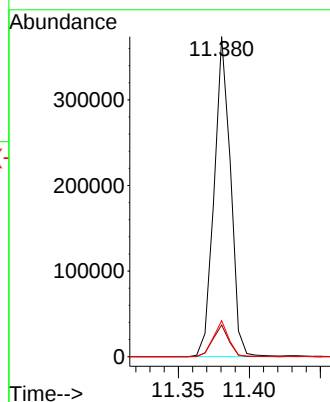
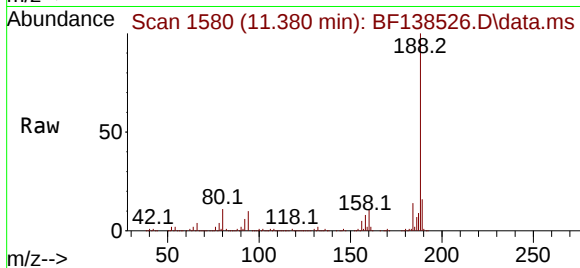
Tgt Ion:188 Resp: 299057

Ion Ratio Lower Upper

188 100

94 9.9 8.7 13.1

80 11.3 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.451 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF138526.D

Acq: 11 Jul 2024 16:43

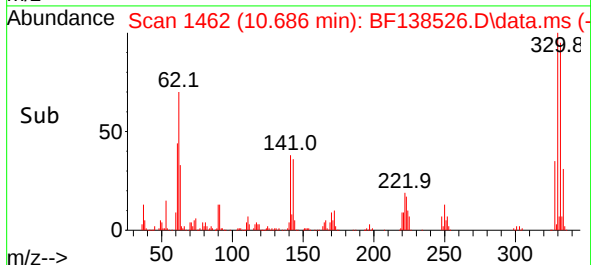
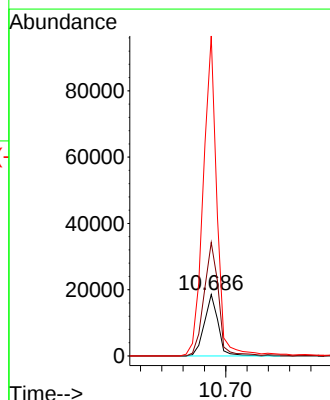
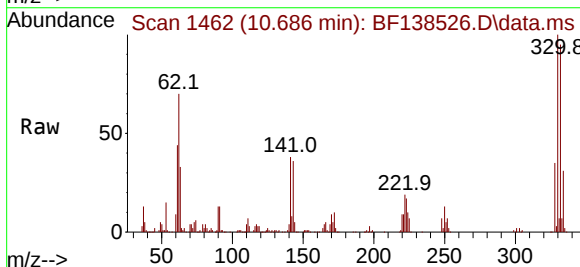
Tgt Ion:248 Resp: 16756

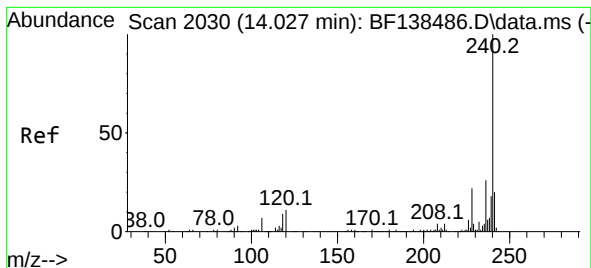
Ion Ratio Lower Upper

248 100

250 184.6 77.9 116.9#

141 520.3 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2030

Delta R.T. -0.012 min

Lab File: BF138526.D

Acq: 11 Jul 2024 16:43

Instrument :

BNA_F

ClientSampleId :

MOO-23-00199

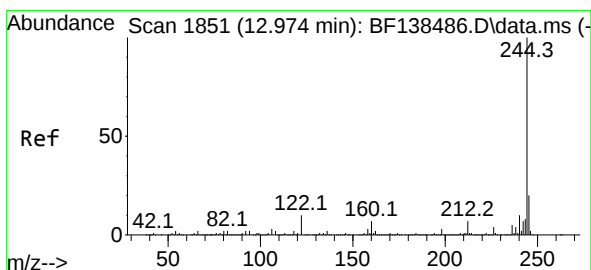
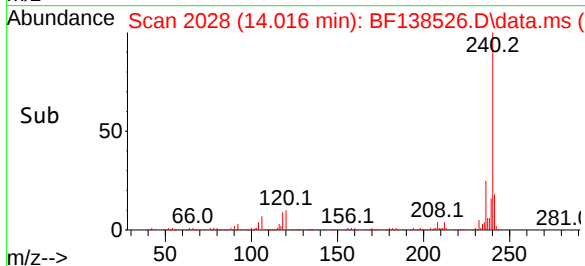
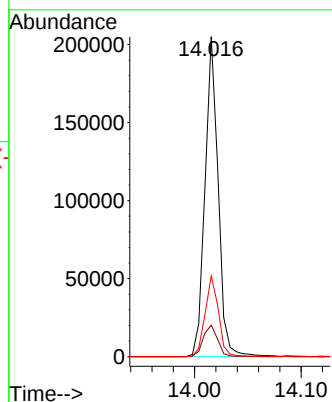
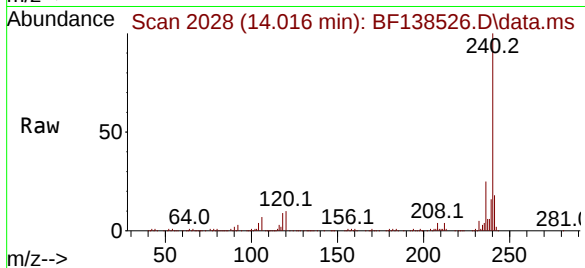
Tgt Ion:240 Resp: 177043

Ion Ratio Lower Upper

240 100

120 9.8 8.6 12.8

236 25.2 21.0 31.6



#79

Terphenyl-d14

Concen: 90.511 ng

RT: 12.969 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF138526.D

Acq: 11 Jul 2024 16:43

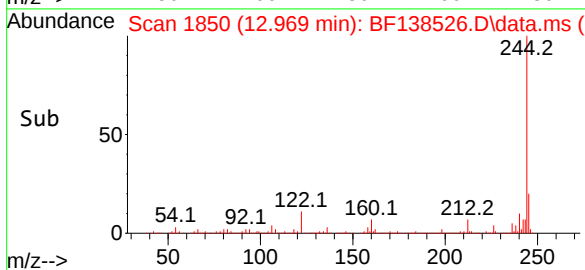
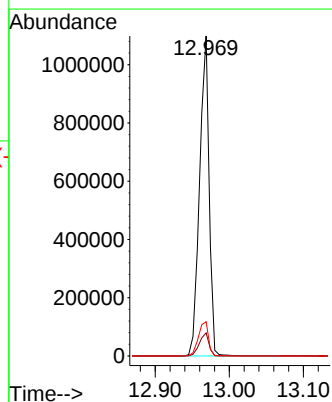
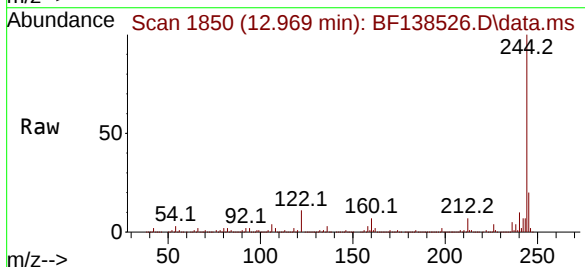
Tgt Ion:244 Resp: 983620

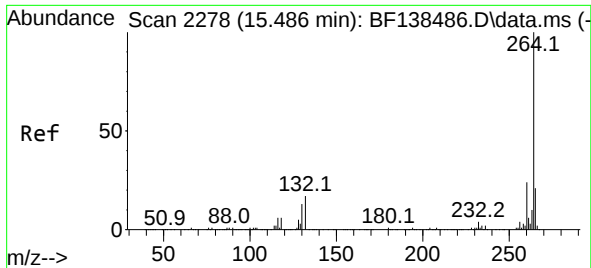
Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

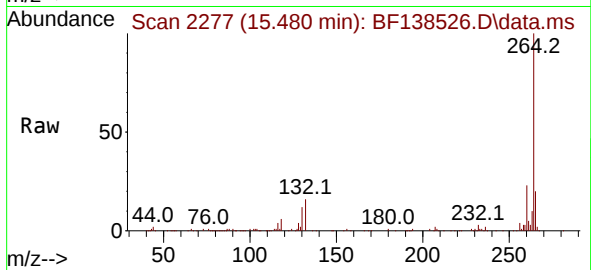
122 10.7 7.8 11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138526.D
Acq: 11 Jul 2024 16:43

Instrument :
BNA_F
ClientSampleId :
MOO-23-00199



Tgt Ion:264 Resp: 144046
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 20.2 17.0 25.4

