

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
 Data File : BF133753.D
 Acq On : 14 Jun 2023 16:08
 Operator : CG\JU
 Sample : 03096-02RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-24-0A

Quant Time: Jun 14 16:37:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 16:27:59 2023
 Response via : Initial Calibration

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

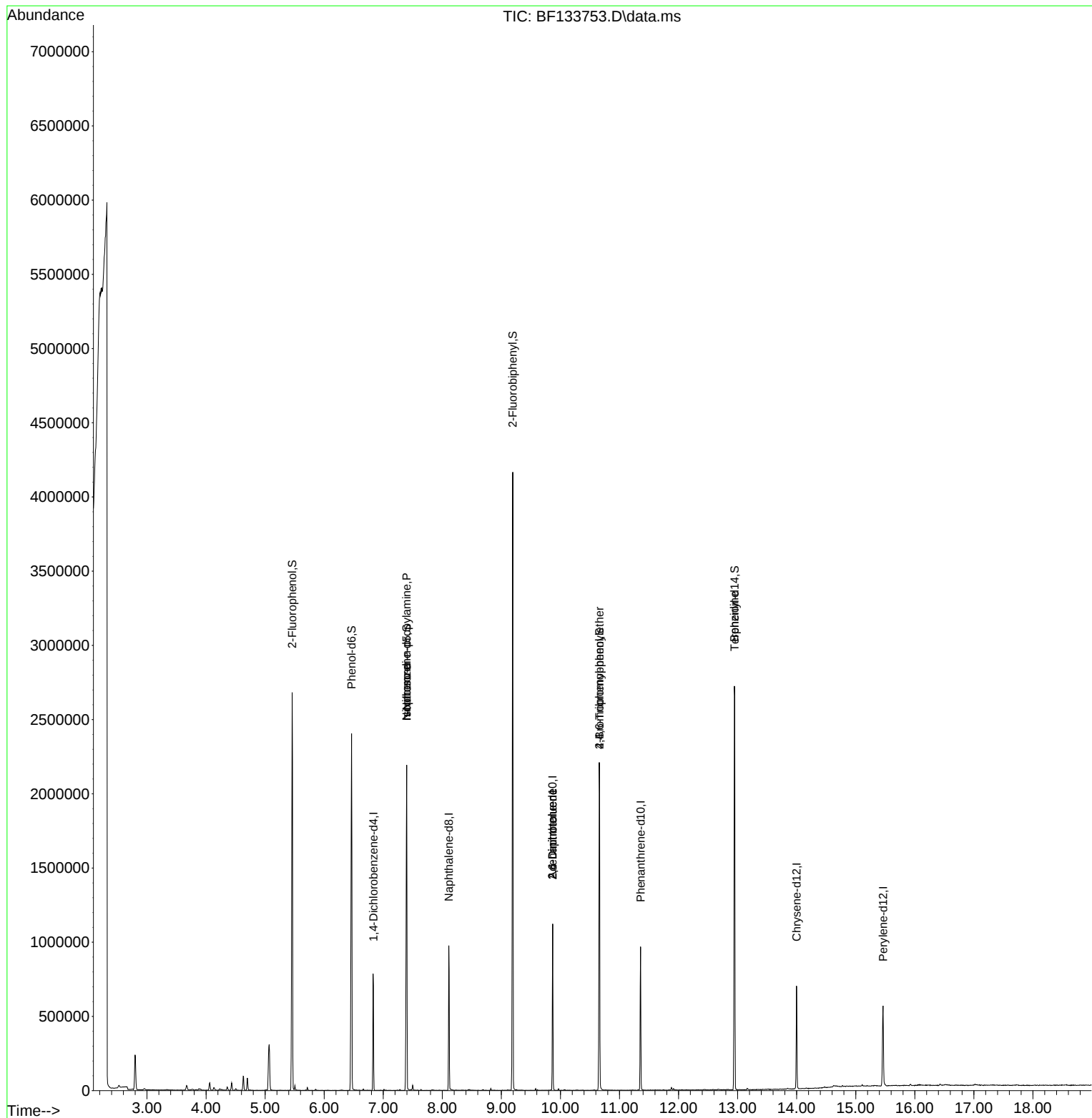
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	108109	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	407251	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	192527	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	334428	20.000	ng	0.00
76) Chrysene-d12	13.998	240	213613	20.000	ng	-0.01
86) Perylene-d12	15.463	264	240868	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	735206	118.392	ng	0.01
7) Phenol-d6	6.463	99	809222	100.111	ng	0.00
23) Nitrobenzene-d5	7.398	82	662815	88.646	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	273333	112.157	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1189045	87.793	ng	0.00
79) Terphenyl-d14	12.951	244	1019090	73.820	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	94981	18.468	ng	# 77
25) Isophorone	7.398	82	662809	48.285	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	25009	8.431	ng	# 28
57) 2,4-Dinitrotoluene	9.869	165	25009	6.629	ng	# 19
67) 4-Bromophenyl-phenylether	10.663	248	17217	4.613	ng	# 1
77) Benzidine	12.945	184	15236	2.126	ng	# 89

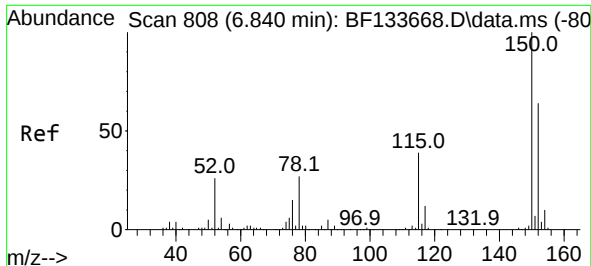
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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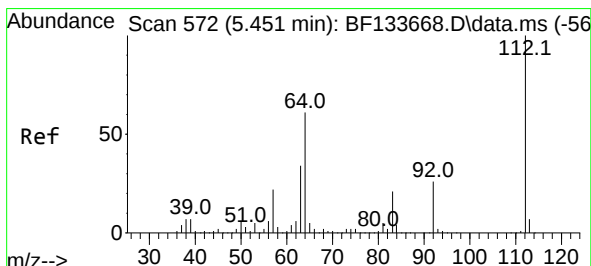
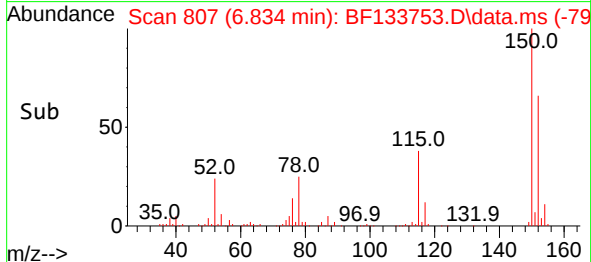
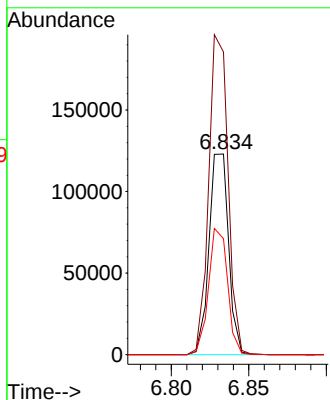
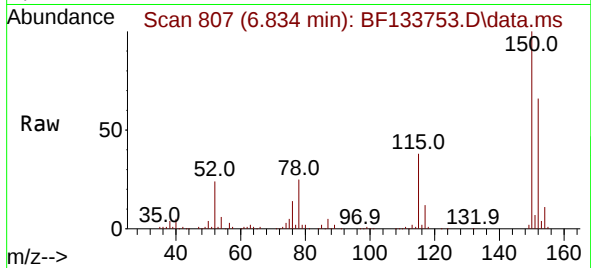




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133753.D
Acq: 14 Jun 2023 16:08

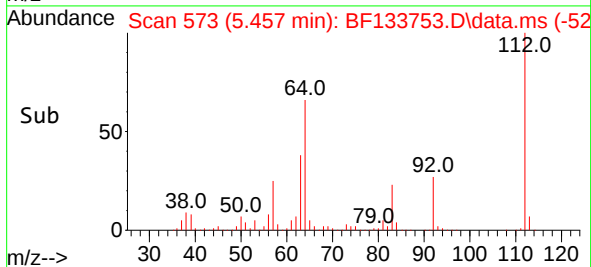
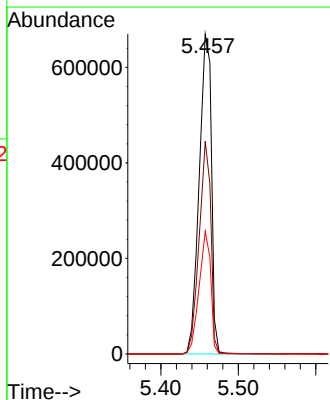
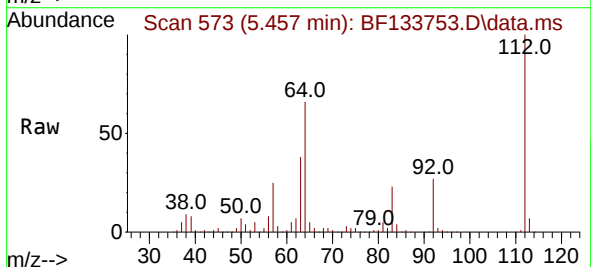
Instrument :
BNA_F
ClientSampleId :
TP-24-0A

Tgt Ion:152 Resp: 108109
Ion Ratio Lower Upper
152 100
150 150.9 124.3 186.5
115 57.8 48.5 72.7



#5
2-Fluorophenol
Concen: 118.392 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133753.D
Acq: 14 Jun 2023 16:08

Tgt Ion:112 Resp: 735206
Ion Ratio Lower Upper
112 100
64 66.4 49.0 73.4
63 38.4 26.8 40.2

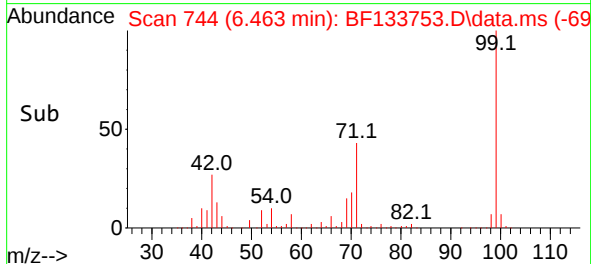
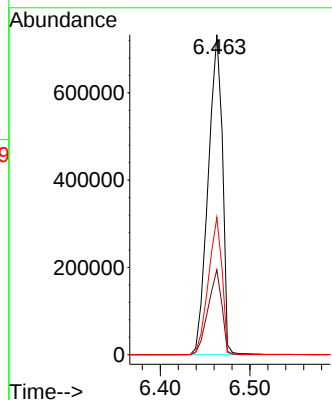
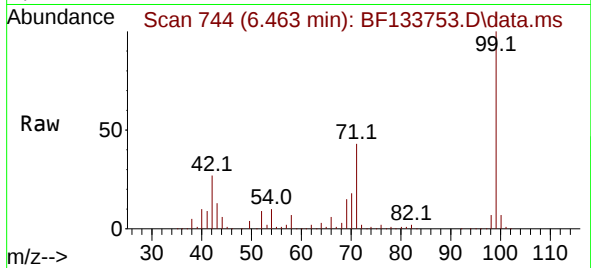




#7
Phenol-d6
Concen: 100.111 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133753.D
Acq: 14 Jun 2023 16:08

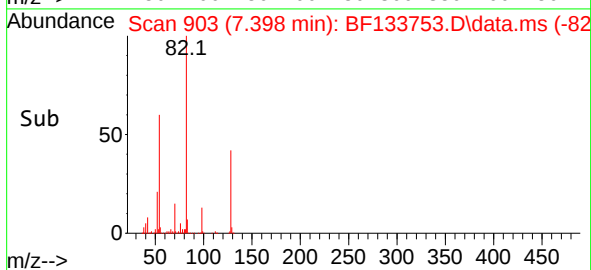
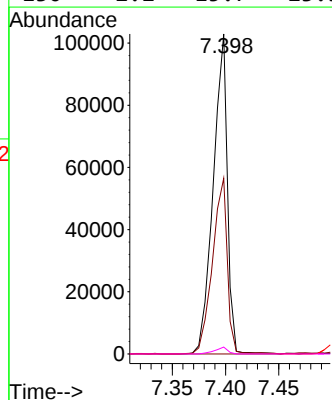
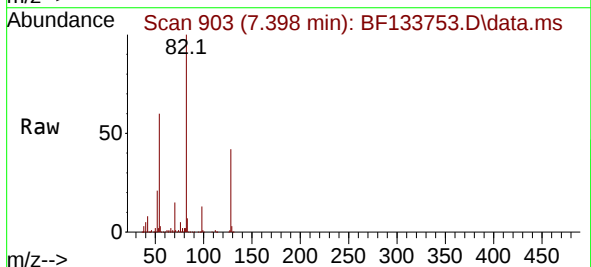
Instrument :
BNA_F
ClientSampleId :
TP-24-0A

Tgt Ion: 99 Resp: 809222
Ion Ratio Lower Upper
99 100
42 26.5 19.9 29.9
71 42.9 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.468 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF133753.D
Acq: 14 Jun 2023 16:08

Tgt Ion: 70 Resp: 94981
Ion Ratio Lower Upper
70 100
42 54.9 55.8 83.8#
101 0.0 8.1 12.1#
130 2.2 15.7 23.5#

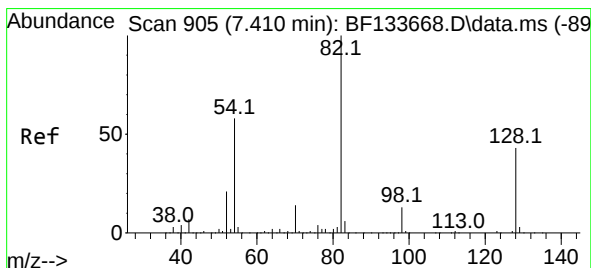
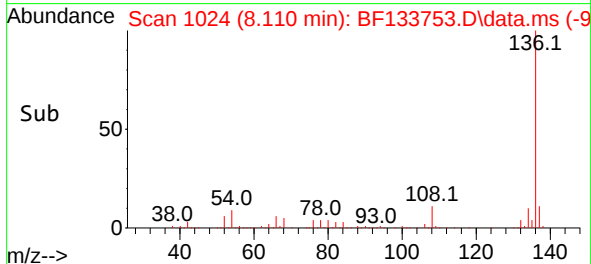
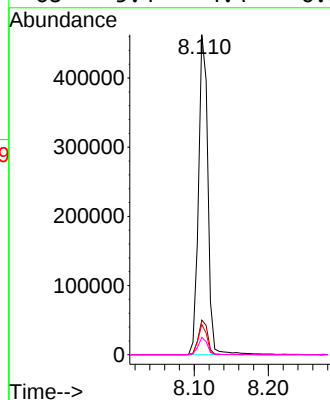
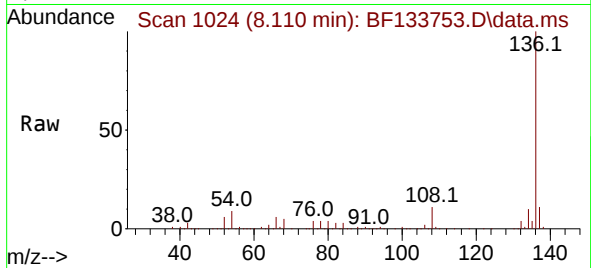




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133753.D
Acq: 14 Jun 2023 16:08

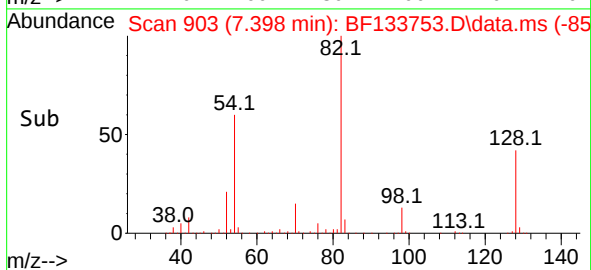
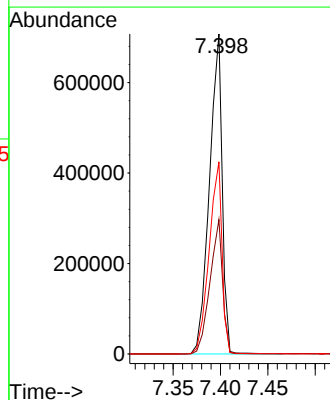
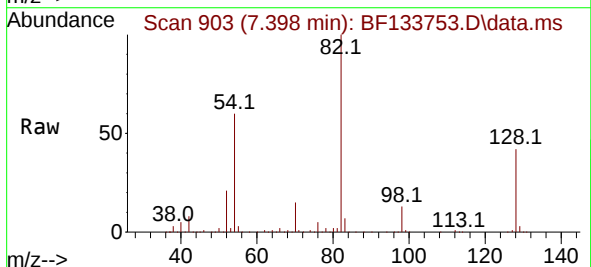
Instrument :
BNA_F
ClientSampleId :
TP-24-0A

Tgt Ion:136 Resp: 407251
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.5 7.4 11.0
68 5.4 4.4 6.6



#23
Nitrobenzene-d5
Concen: 88.646 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF133753.D
Acq: 14 Jun 2023 16:08

Tgt Ion: 82 Resp: 662815
Ion Ratio Lower Upper
82 100
128 42.0 34.2 51.2
54 60.0 46.5 69.7

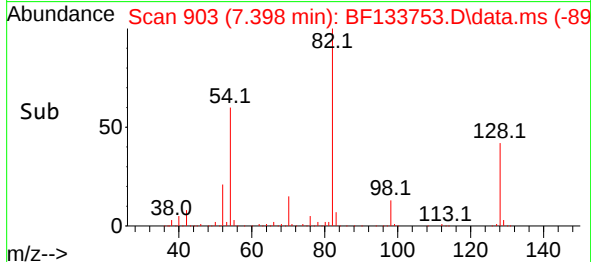
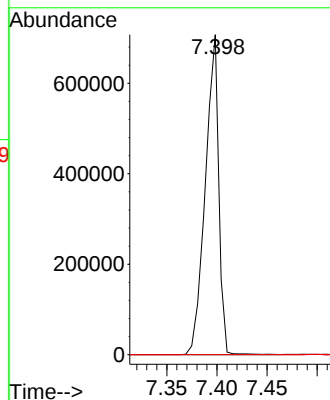
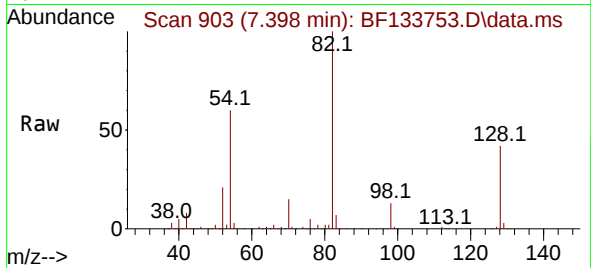




#25
Isophorone
Concen: 48.285 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133753.D
Acq: 14 Jun 2023 16:08

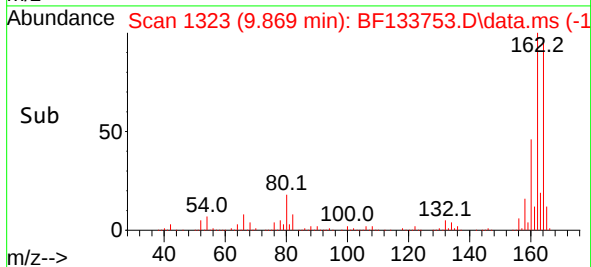
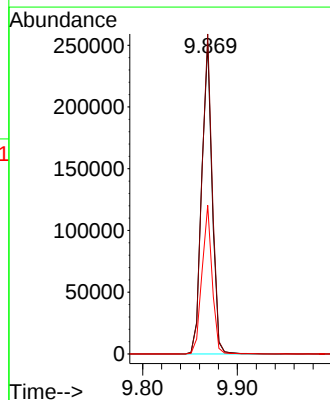
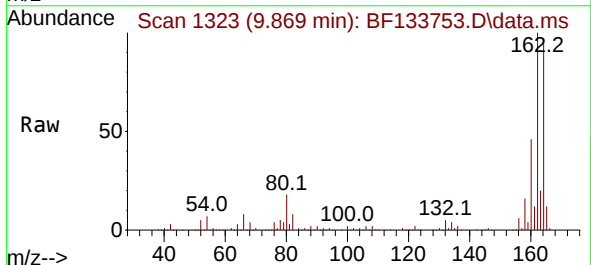
Instrument :
BNA_F
ClientSampleId :
TP-24-0A

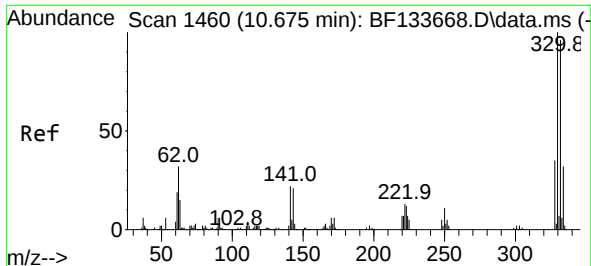
Tgt Ion: 82 Resp: 662809
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF133753.D
Acq: 14 Jun 2023 16:08

Tgt Ion: 164 Resp: 192527
Ion Ratio Lower Upper
164 100
162 103.0 80.8 121.2
160 47.8 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 112.157 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF133753.D

Acq: 14 Jun 2023 16:08

Instrument :

BNA_F

ClientSampleId :

TP-24-0A

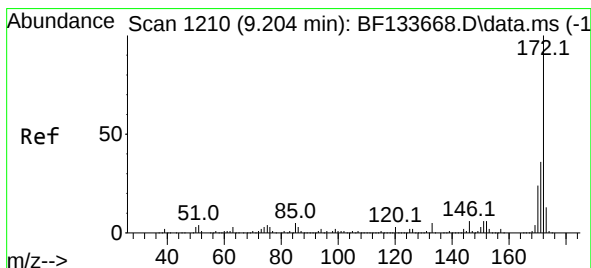
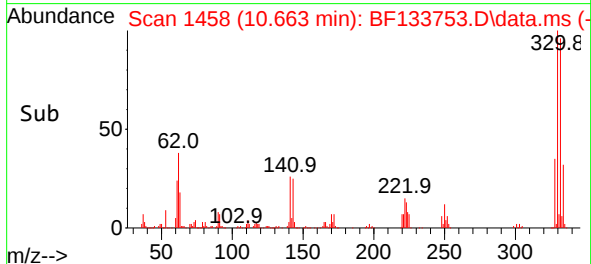
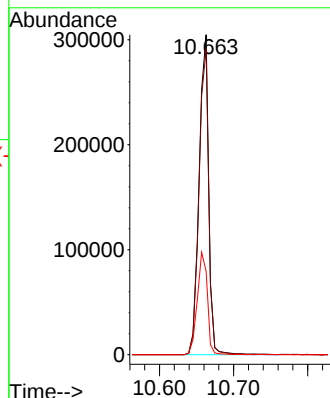
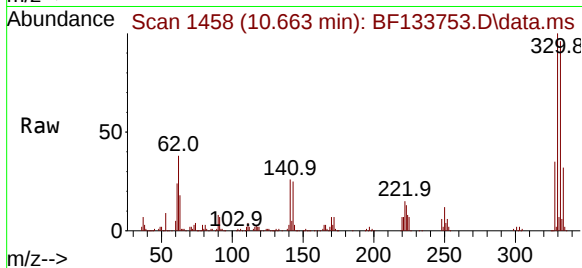
Tgt Ion:330 Resp: 273333

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

141 33.5 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 87.793 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF133753.D

Acq: 14 Jun 2023 16:08

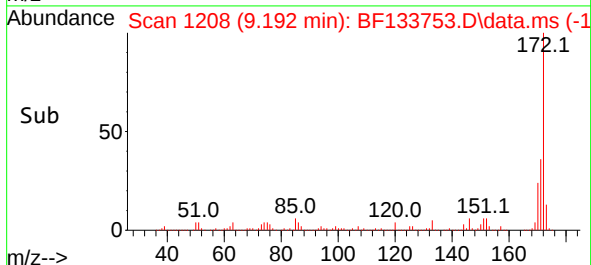
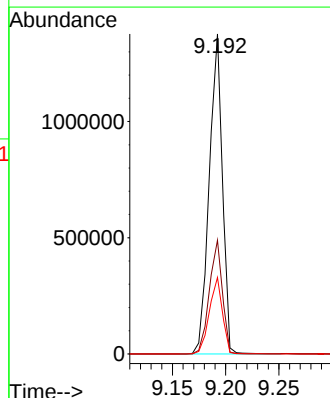
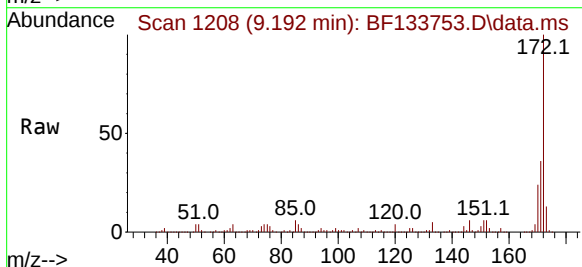
Tgt Ion:172 Resp: 1189045

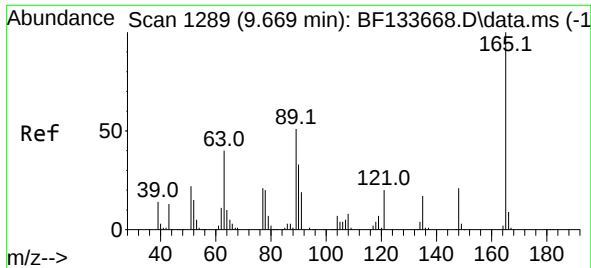
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.9 19.1 28.7

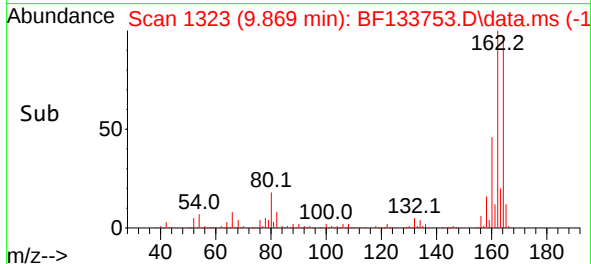
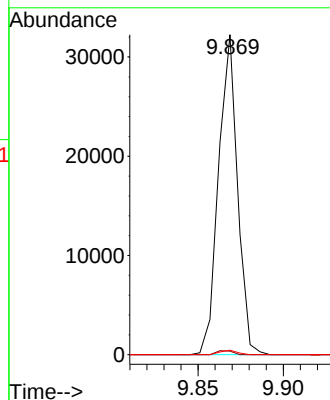
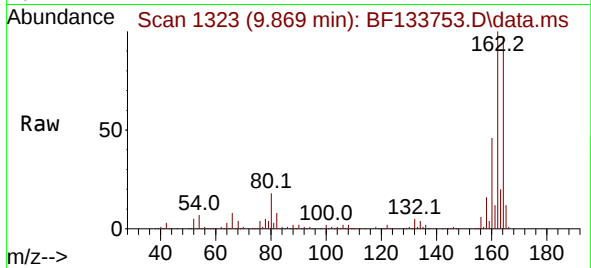




#51
2,6-Dinitrotoluene
Concen: 8.431 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133753.D
Acq: 14 Jun 2023 16:08

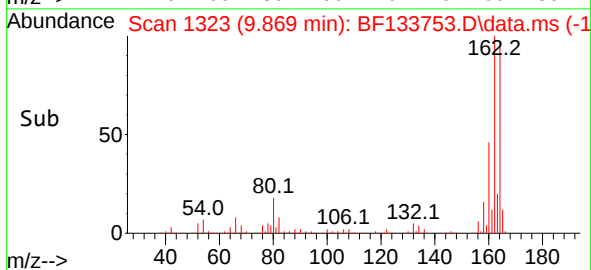
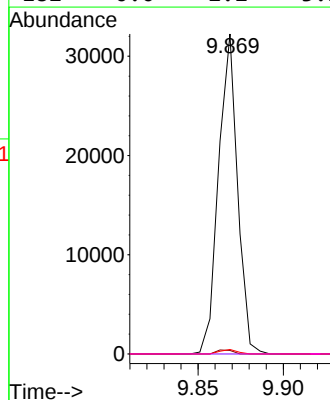
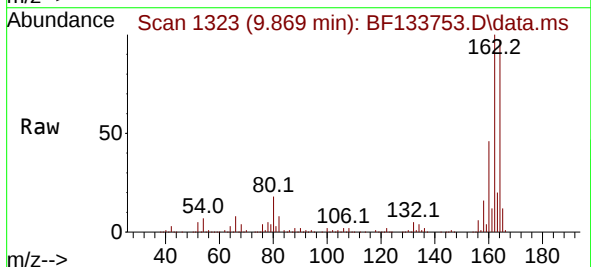
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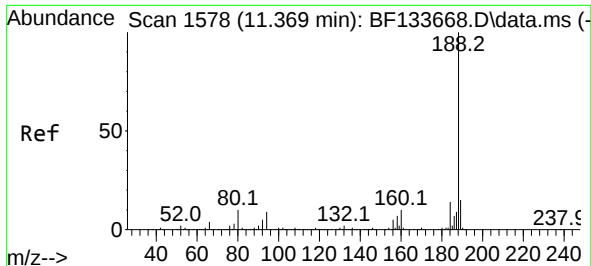
Tgt Ion:165 Resp: 25009
Ion Ratio Lower Upper
165 100
63 1.1 42.1 63.1#
89 1.4 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.629 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF133753.D
Acq: 14 Jun 2023 16:08

Tgt Ion:165 Resp: 25009
Ion Ratio Lower Upper
165 100
63 1.1 43.0 64.6#
89 1.4 62.6 93.8#
182 0.0 2.2 3.2#

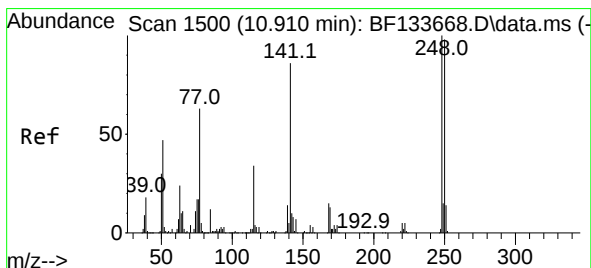
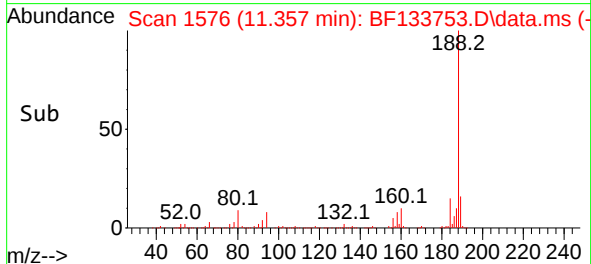
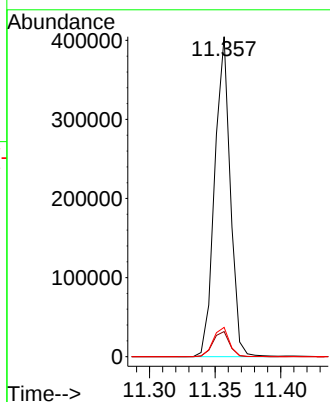
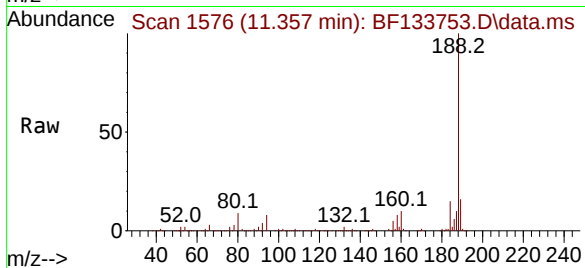




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133753.D
Acq: 14 Jun 2023 16:08

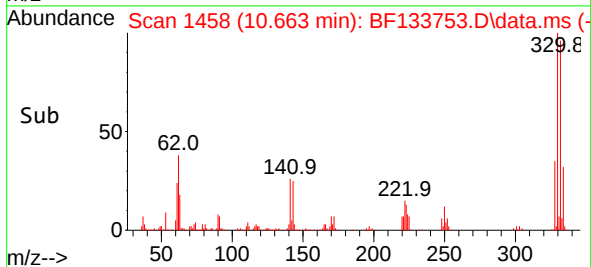
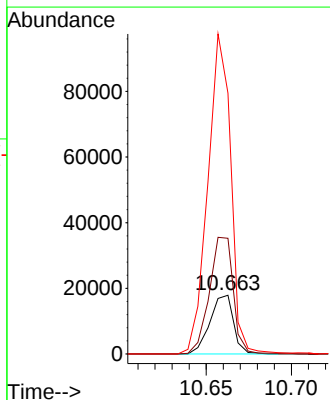
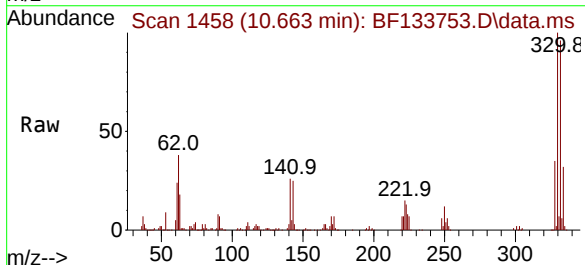
Instrument :
BNA_F
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TP-24-0A

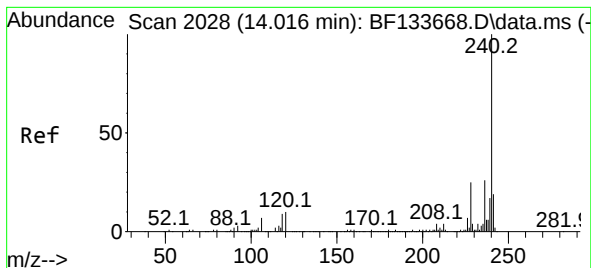
Tgt Ion:188 Resp: 334428
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 9.2 7.8 11.6



#67
4-Bromophenyl-phenylether
Concen: 4.613 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.241 min
Lab File: BF133753.D
Acq: 14 Jun 2023 16:08

Tgt Ion:248 Resp: 17217
Ion Ratio Lower Upper
248 100
250 196.8 78.3 117.5#
141 443.7 69.0 103.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF133753.D

Acq: 14 Jun 2023 16:08

Instrument :

BNA_F

ClientSampleId :

TP-24-0A

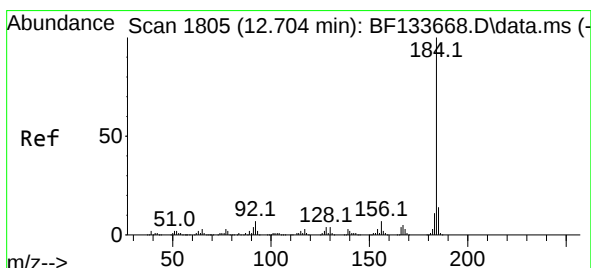
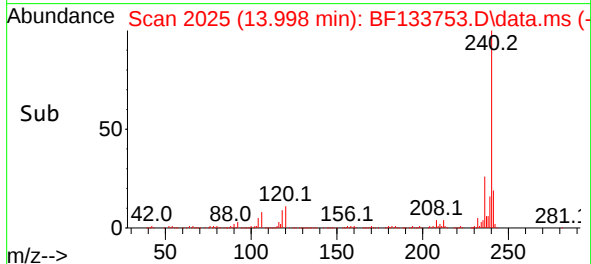
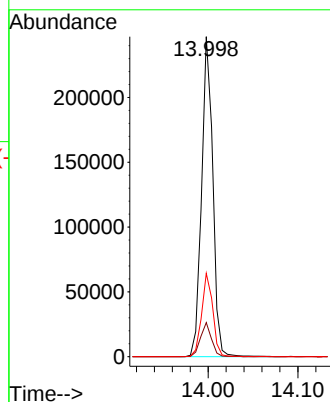
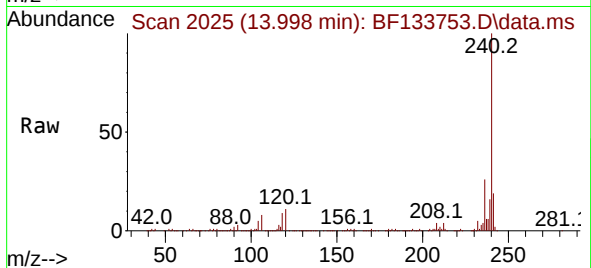
Tgt Ion:240 Resp: 213613

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

236 26.1 20.5 30.7



#77

Benzidine

Concen: 2.126 ng

RT: 12.945 min Scan# 1846

Delta R.T. 0.247 min

Lab File: BF133753.D

Acq: 14 Jun 2023 16:08

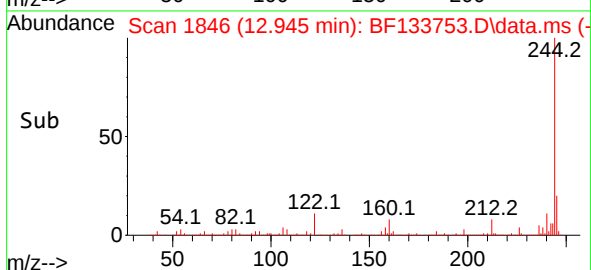
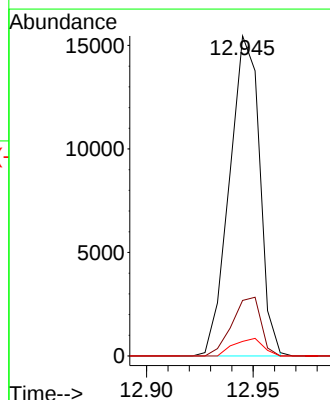
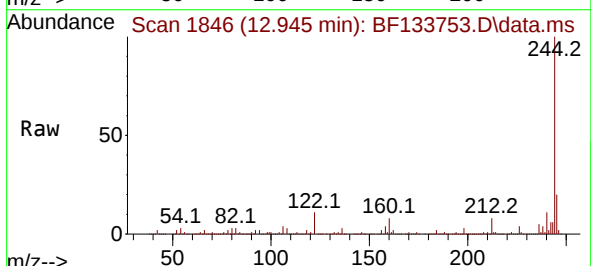
Tgt Ion:184 Resp: 15236

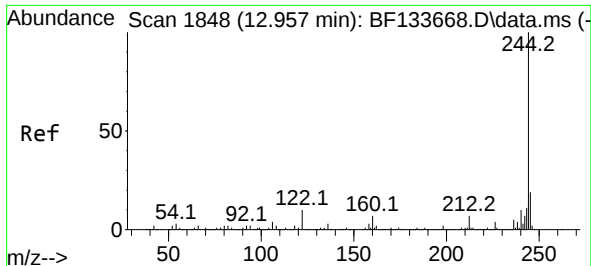
Ion Ratio Lower Upper

184 100

185 17.4 11.6 17.4

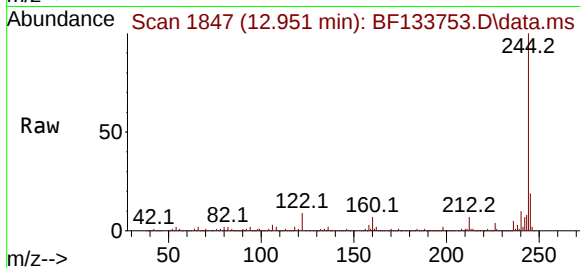
183 4.6 8.4 12.6#



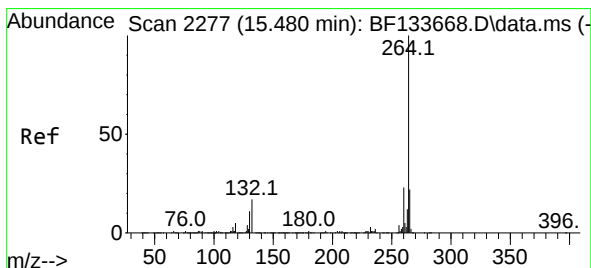
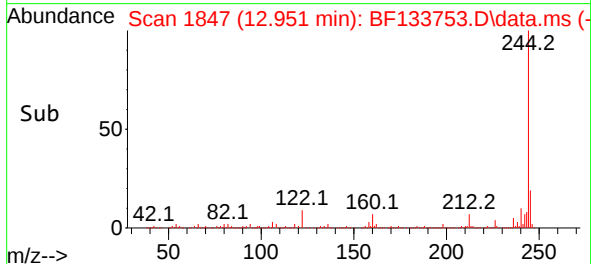
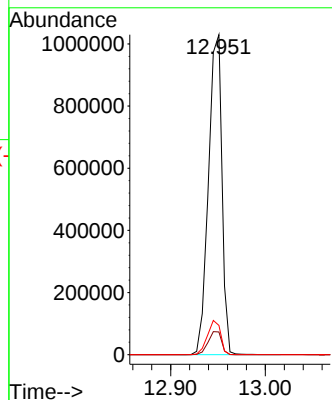


#79
 Terphenyl-d14
 Concen: 73.820 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. 0.000 min
 Lab File: BF133753.D
 Acq: 14 Jun 2023 16:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-24-0A



Tgt Ion:244 Resp: 1019090
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 9.2 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF133753.D
 Acq: 14 Jun 2023 16:08

Tgt Ion:264 Resp: 240868
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.2 27.2
 265 20.6 17.8 26.6

