

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136825.D
 Acq On : 29 Dec 2023 13:07
 Operator : CG\JU
 Sample : 06017-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB32-1-20231222-12.5-13.5

Quant Time: Dec 29 13:34:04 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)

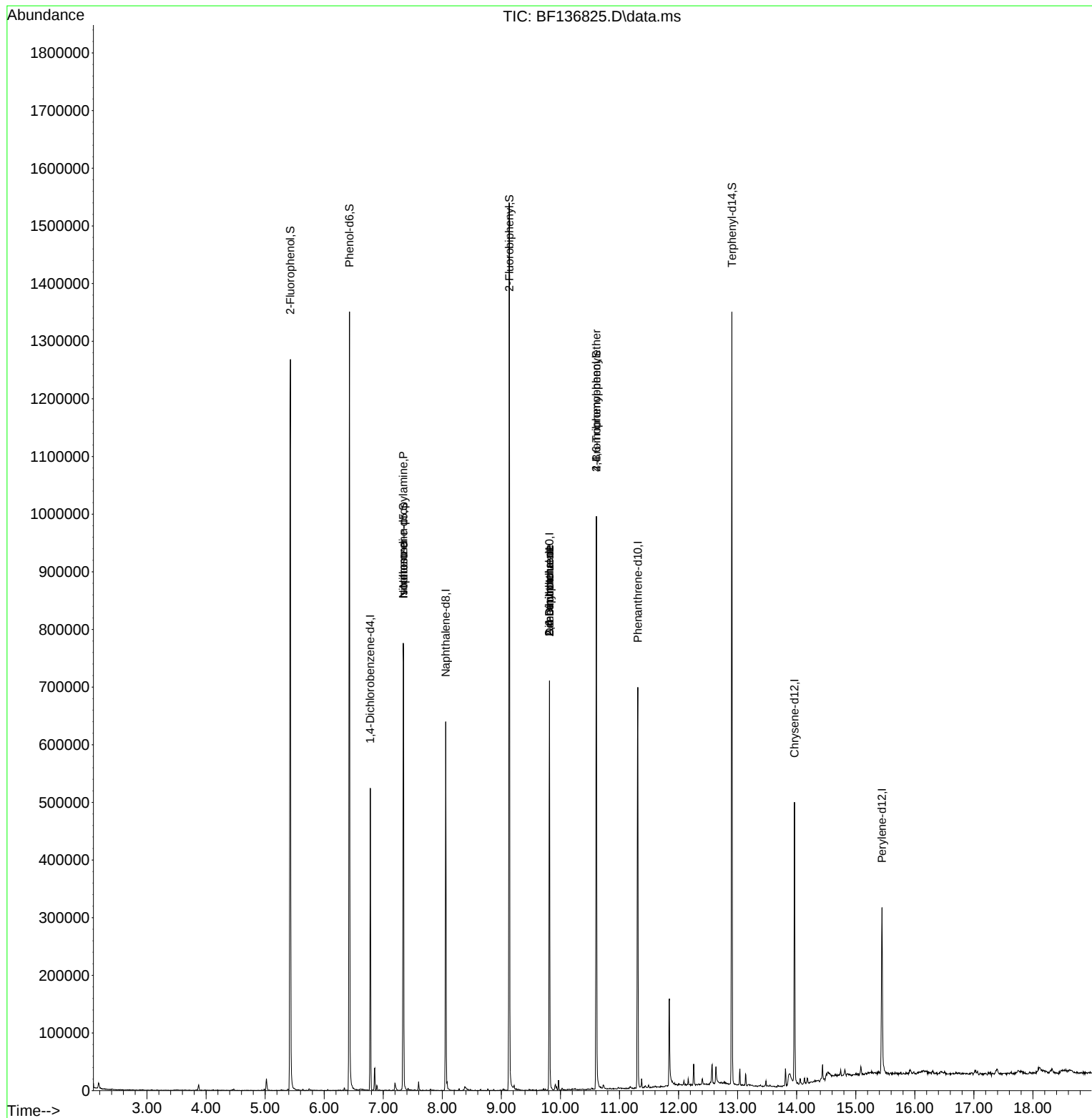
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	69541	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	269241	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	137090	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	264520	20.000	ng	0.00
76) Chrysene-d12	13.963	240	157279	20.000	ng	0.00
86) Perylene-d12	15.445	264	137631	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	347181	77.897	ng	0.00
7) Phenol-d6	6.428	99	426358	73.827	ng	-0.01
23) Nitrobenzene-d5	7.340	82	259250	49.272	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	123988	76.795	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	476122	46.712	ng	-0.02
79) Terphenyl-d14	12.904	244	441421	39.221	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.340	70	33917	9.688	ng	# 76
25) Isophorone	7.340	82	259246	27.078	ng	# 65
50) Dimethylphthalate	9.816	163	27980	2.794	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	17563	7.728	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	17563	5.953	ng	# 20
67) 4-Bromophenyl-phenylether	10.610	248	7296	2.484	ng	# 1

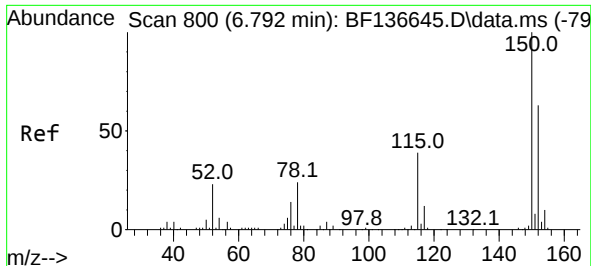
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB32-1-20231222-12.5-13.5

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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

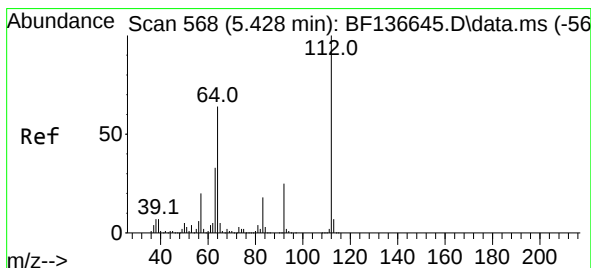
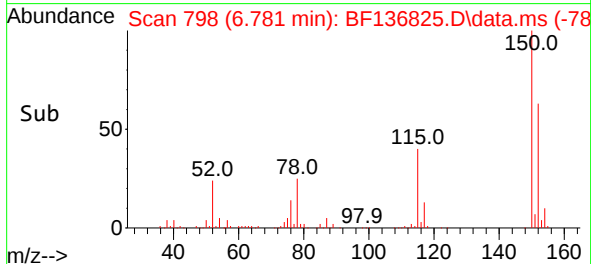
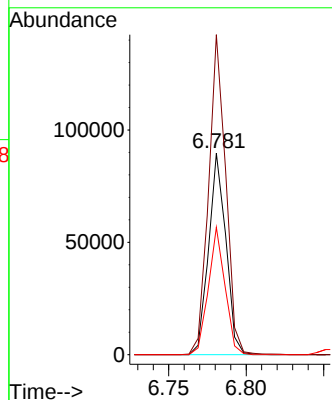
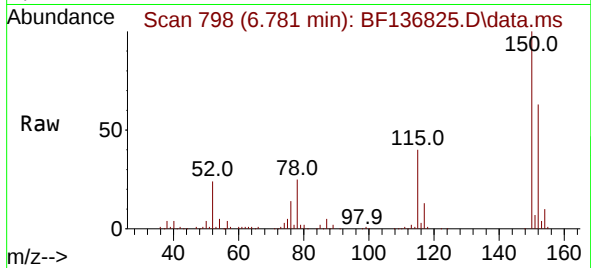




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF136825.D
Acq: 29 Dec 2023 13:07

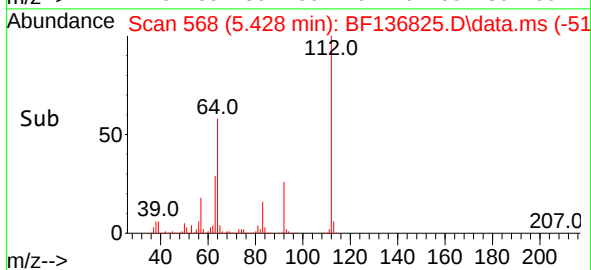
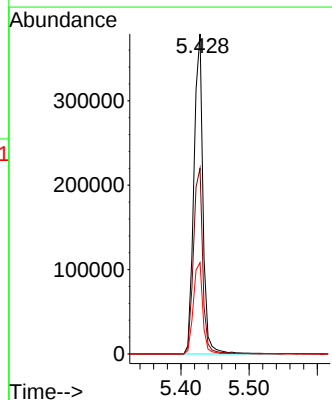
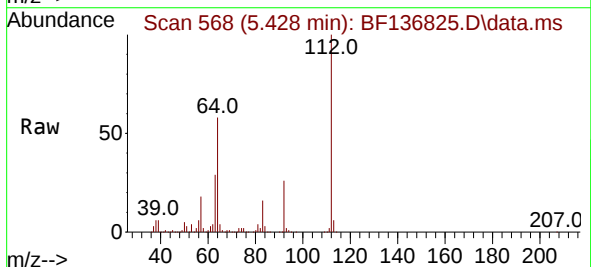
Instrument :
BNA_F
ClientSampleId :
SB32-1-20231222-12.5-13.5

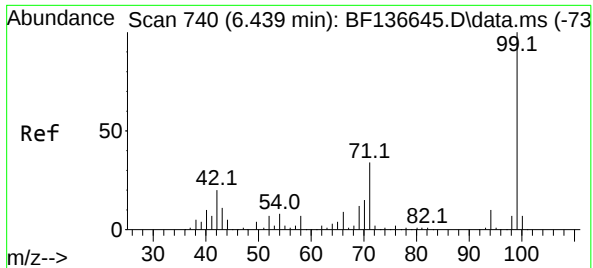
Tgt Ion:152 Resp: 69541
Ion Ratio Lower Upper
152 100
150 158.8 127.0 190.6
115 63.2 49.0 73.4



#5
2-Fluorophenol
Concen: 77.897 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136825.D
Acq: 29 Dec 2023 13:07

Tgt Ion:112 Resp: 347181
Ion Ratio Lower Upper
112 100
64 58.0 51.1 76.7
63 28.5 26.1 39.1

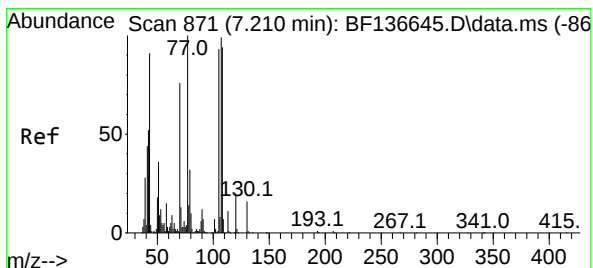
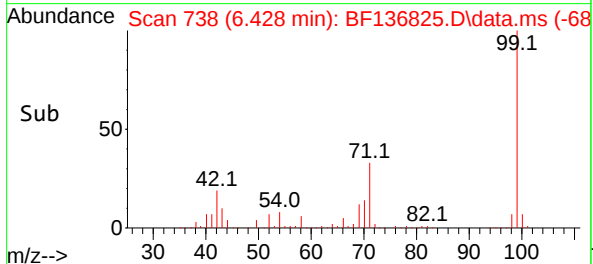
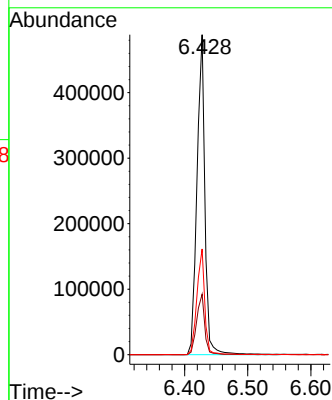
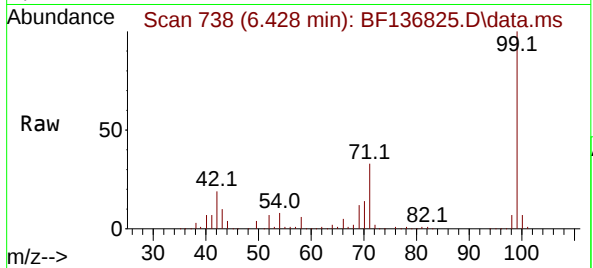




#7
Phenol-d6
Concen: 73.827 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136825.D
Acq: 29 Dec 2023 13:07

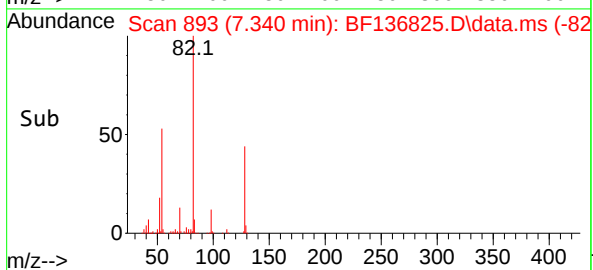
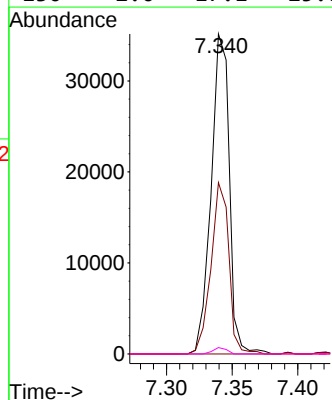
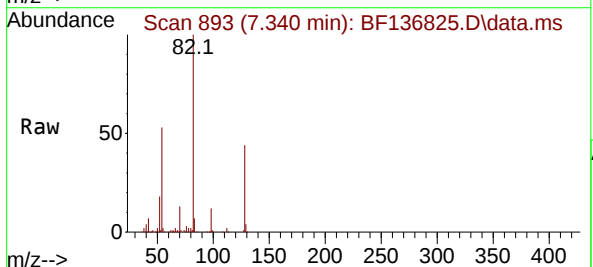
Instrument :
BNA_F
ClientSampleId :
SB32-1-20231222-12.5-13.5

Tgt Ion: 99 Resp: 426358
Ion Ratio Lower Upper
99 100
42 18.9 16.1 24.1
71 33.1 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 9.688 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF136825.D
Acq: 29 Dec 2023 13:07

Tgt Ion: 70 Resp: 33917
Ion Ratio Lower Upper
70 100
42 53.6 54.2 81.4#
101 0.0 7.6 11.4#
130 2.0 17.1 25.7#

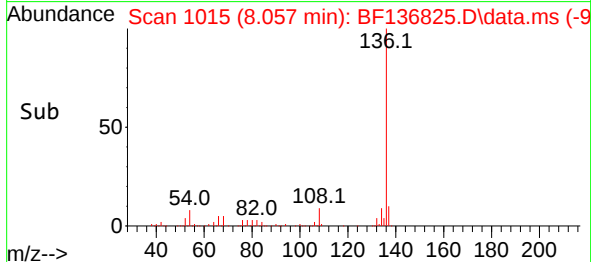
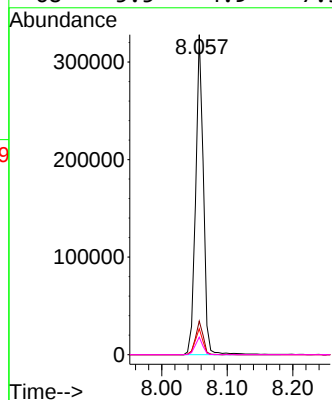
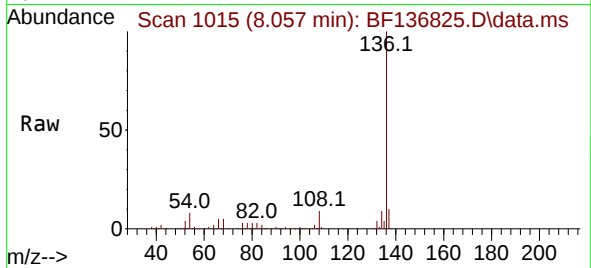




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136825.D
Acq: 29 Dec 2023 13:07

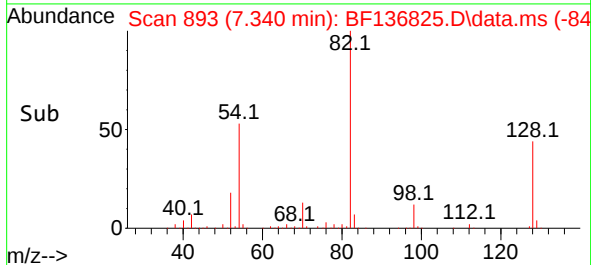
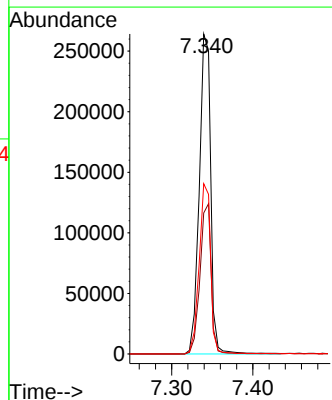
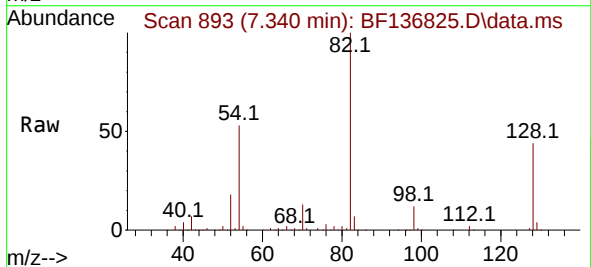
Instrument :
BNA_F
ClientSampleId :
SB32-1-20231222-12.5-13.5

Tgt	Ion:136	Resp:	269241
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	8.1	7.2	10.8
68	5.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 49.272 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF136825.D
Acq: 29 Dec 2023 13:07

Tgt Ion: 82	Resp: 259250
Ion Ratio	Lower Upper
82 100	
128 44.0	35.3 52.9
54 53.2	44.5 66.7

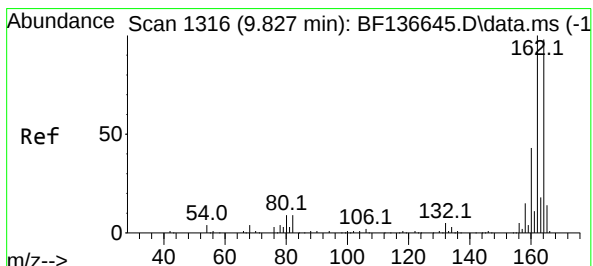
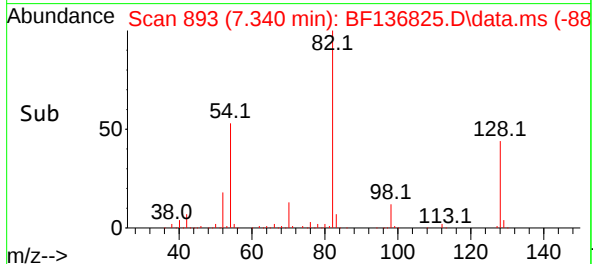
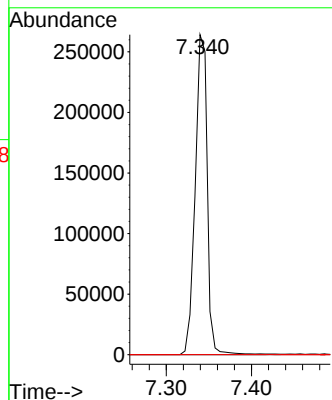
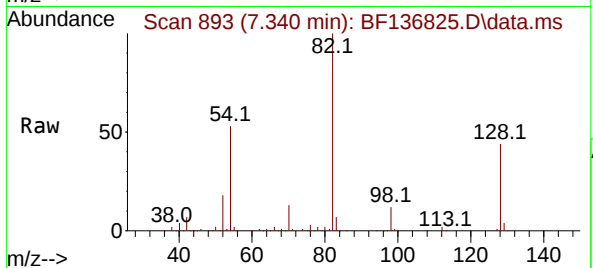




#25
Isophorone
Concen: 27.078 ng
RT: 7.340 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF136825.D
Acq: 29 Dec 2023 13:07

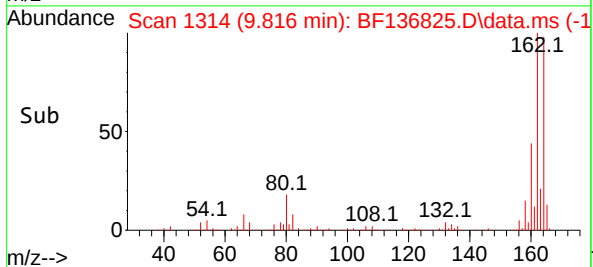
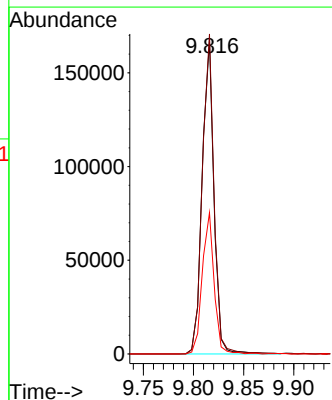
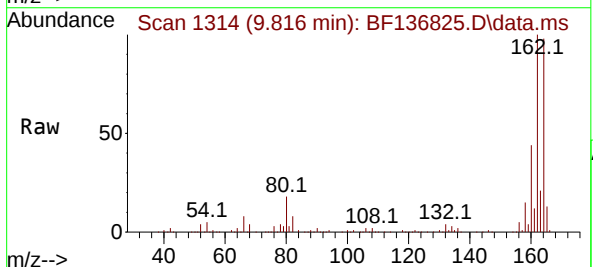
Instrument :
BNA_F
ClientSampleId :
SB32-1-20231222-12.5-13.5

Tgt Ion: 82 Resp: 259246
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: BF136825.D
Acq: 29 Dec 2023 13:07

Tgt Ion:164 Resp: 137090
Ion Ratio Lower Upper
164 100
162 102.3 81.6 122.4
160 45.1 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 76.795 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136825.D

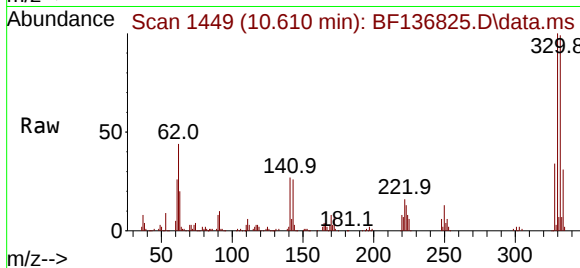
Acq: 29 Dec 2023 13:07

Instrument :

BNA_F

ClientSampleId :

SB32-1-20231222-12.5-13.5



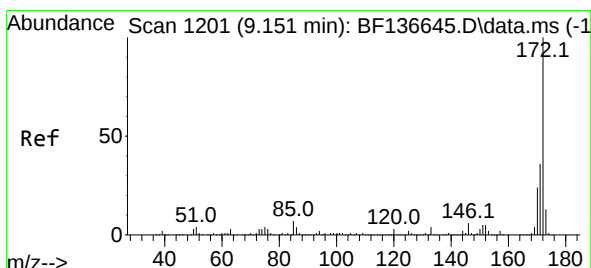
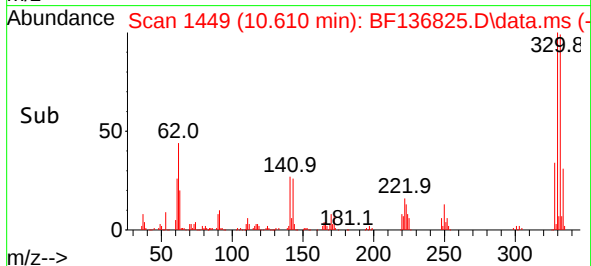
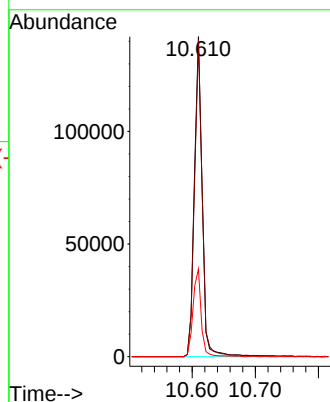
Tgt Ion:330 Resp: 123988

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.0

141 28.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 46.712 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.017 min

Lab File: BF136825.D

Acq: 29 Dec 2023 13:07

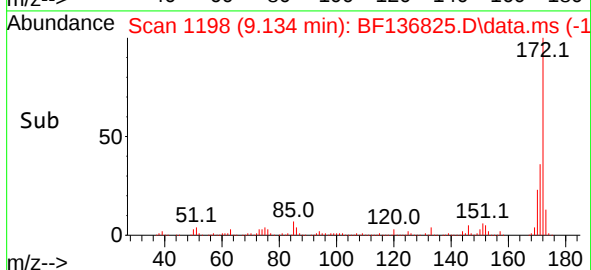
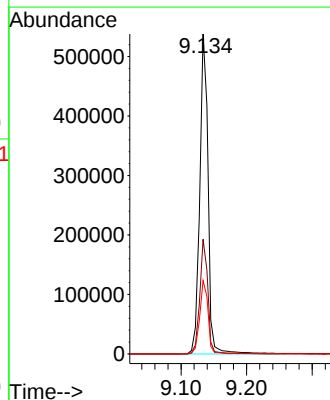
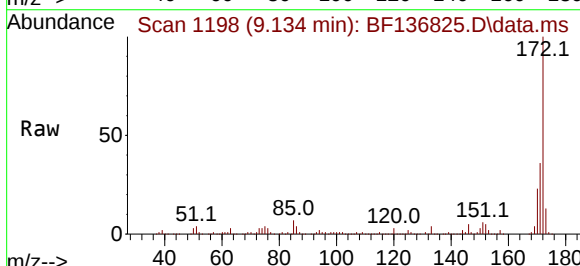
Tgt Ion:172 Resp: 476122

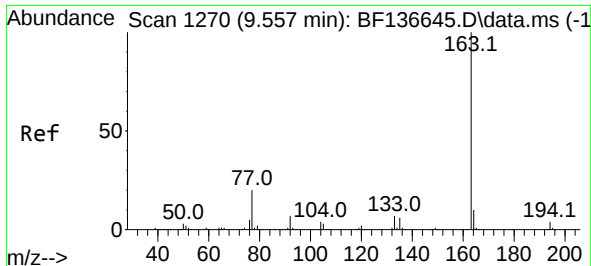
Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

170 23.0 19.0 28.4

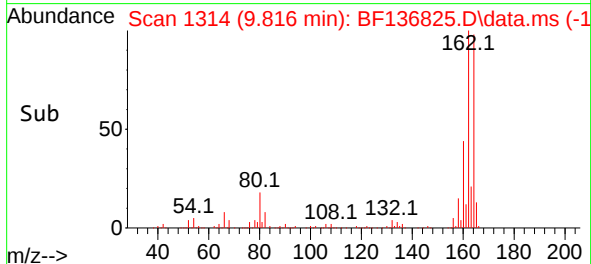
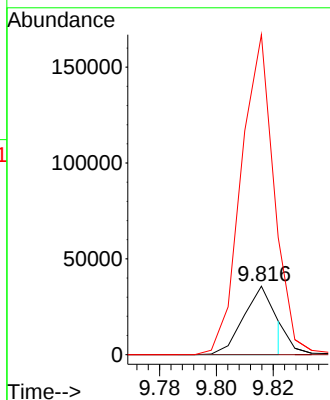
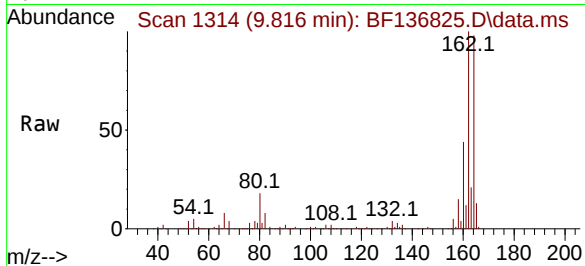




#50
Dimethylphthalate
Concen: 2.794 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF136825.D
Acq: 29 Dec 2023 13:07

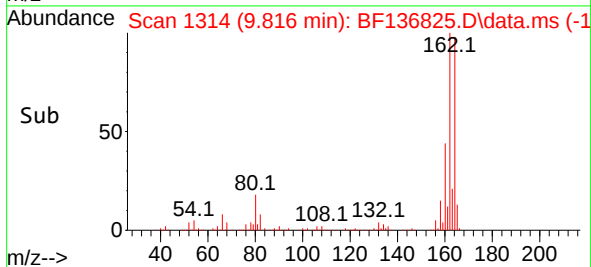
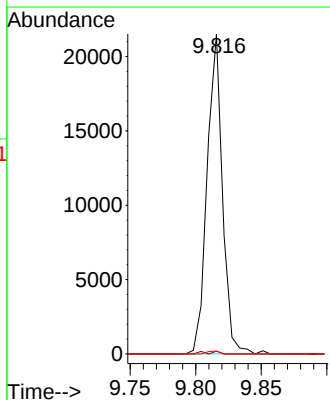
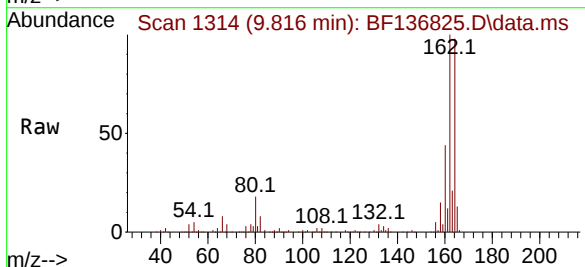
Instrument :
BNA_F
ClientSampleId :
SB32-1-20231222-12.5-13.5

Tgt Ion:163 Resp: 27980
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 467.6 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.728 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136825.D
Acq: 29 Dec 2023 13:07

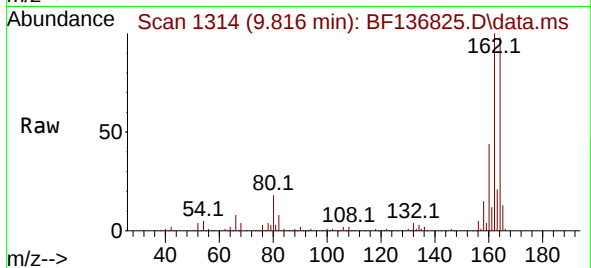
Tgt Ion:165 Resp: 17563
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 0.9 38.8 58.2#



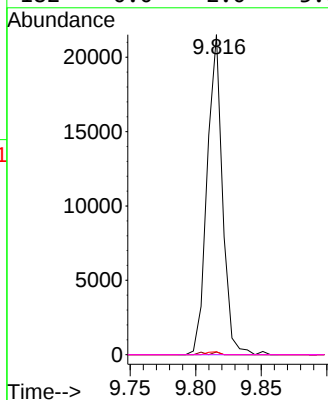
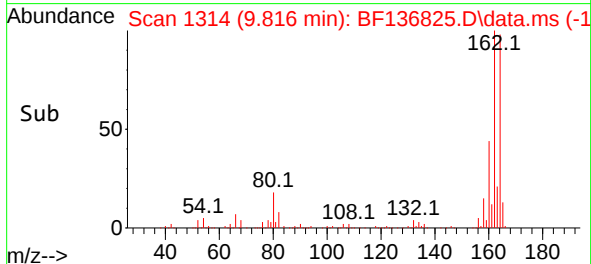


#57
2,4-Dinitrotoluene
Concen: 5.953 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136825.D
Acq: 29 Dec 2023 13:07

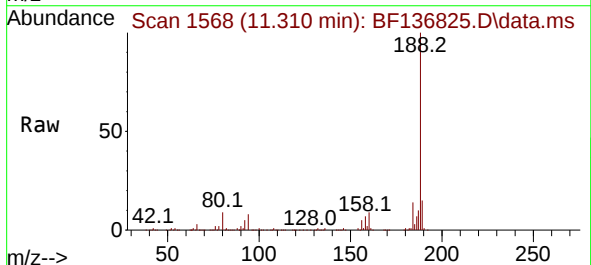
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ClientSampleId :
SB32-1-20231222-12.5-13.5



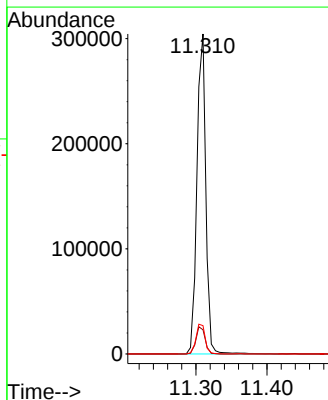
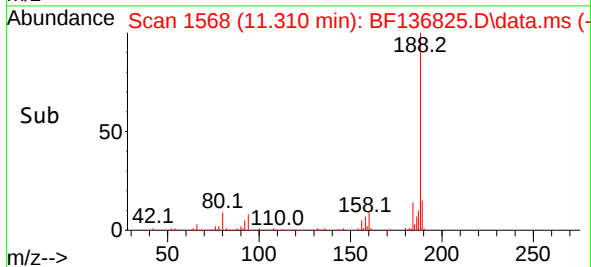
Tgt Ion:165 Resp: 17563
Ion Ratio Lower Upper
165 100
63 0.9 41.0 61.6#
89 0.9 59.9 89.9#
182 0.0 2.0 3.0#

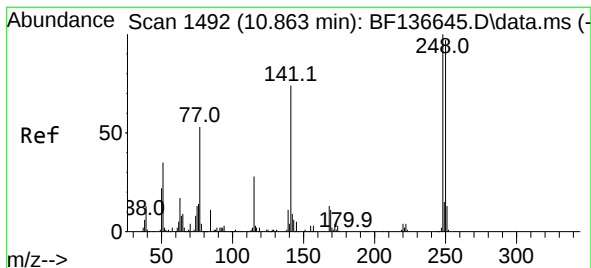


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136825.D
Acq: 29 Dec 2023 13:07



Tgt Ion:188 Resp: 264520
Ion Ratio Lower Upper
188 100
94 7.5 7.5 11.3
80 8.9 8.1 12.1

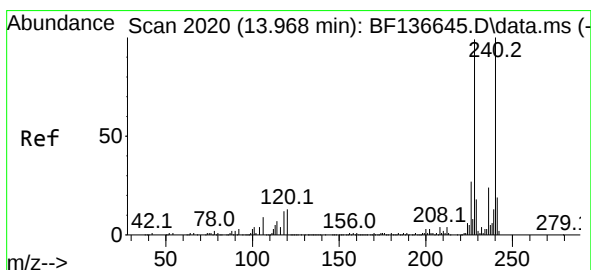
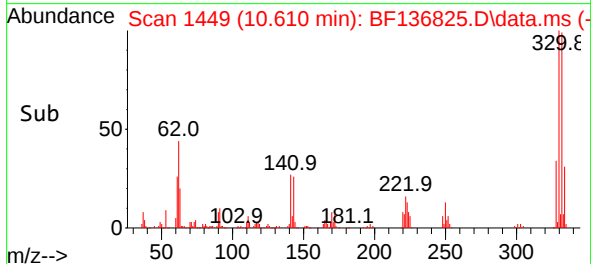
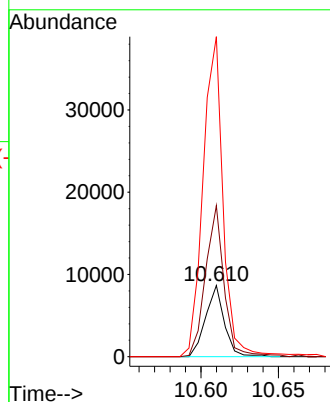
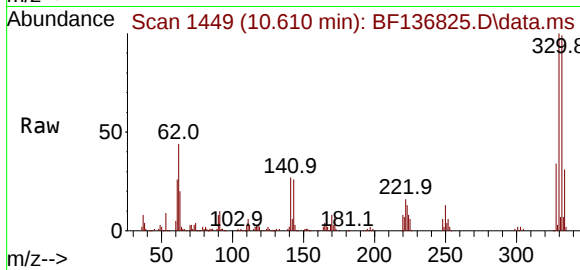




#67
4-Bromophenyl-phenylether
Concen: 2.484 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136825.D
Acq: 29 Dec 2023 13:07

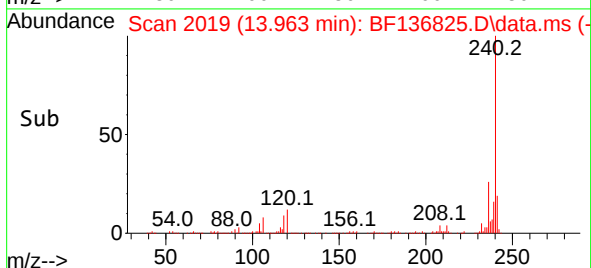
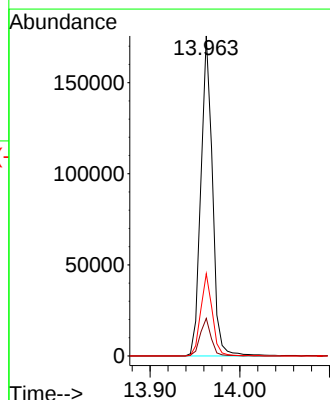
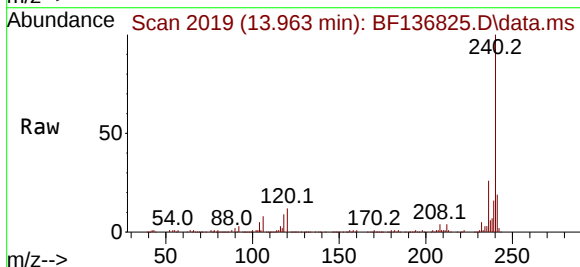
Instrument :
BNA_F
ClientSampleId :
SB32-1-20231222-12.5-13.5

Tgt Ion:248 Resp: 7296
Ion Ratio Lower Upper
248 100
250 212.3 77.8 116.6#
141 449.5 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: BF136825.D
Acq: 29 Dec 2023 13:07

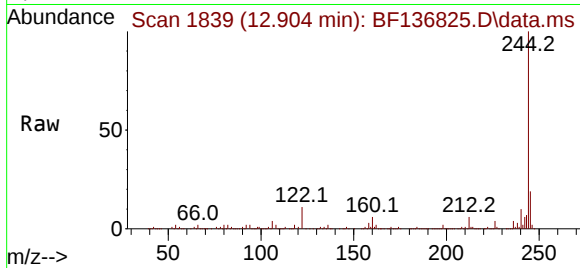
Tgt Ion:240 Resp: 157279
Ion Ratio Lower Upper
240 100
120 11.8 10.3 15.5
236 25.7 19.4 29.2



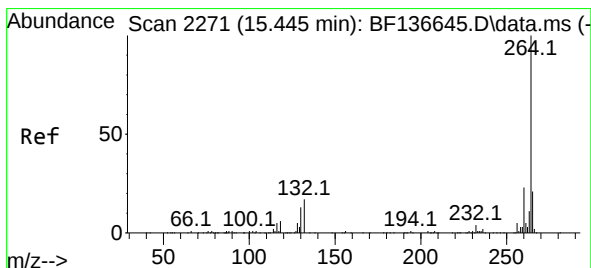
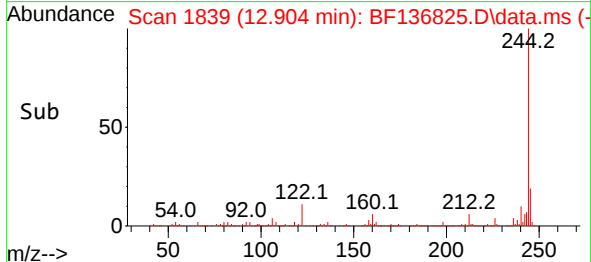
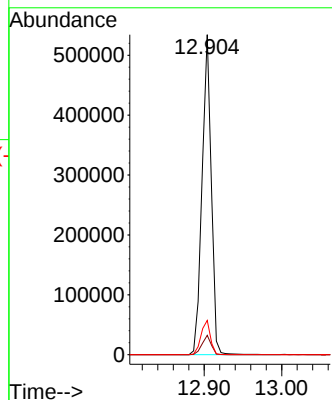


#79
 Terphenyl-d14
 Concen: 39.221 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136825.D
 Acq: 29 Dec 2023 13:07

Instrument :
 BNA_F
 ClientSampleId :
 SB32-1-20231222-12.5-13.5



Tgt Ion:244 Resp: 441421
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 10.7 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF136825.D
 Acq: 29 Dec 2023 13:07

Tgt Ion:264 Resp: 137631
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.3 27.5
 265 21.6 17.0 25.6

