

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
 Data File : BF128765.D
 Acq On : 10 Jun 2022 18:16
 Operator : CG\JU
 Sample : N3301-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SO-20220609

Quant Time: Jun 11 01:27:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

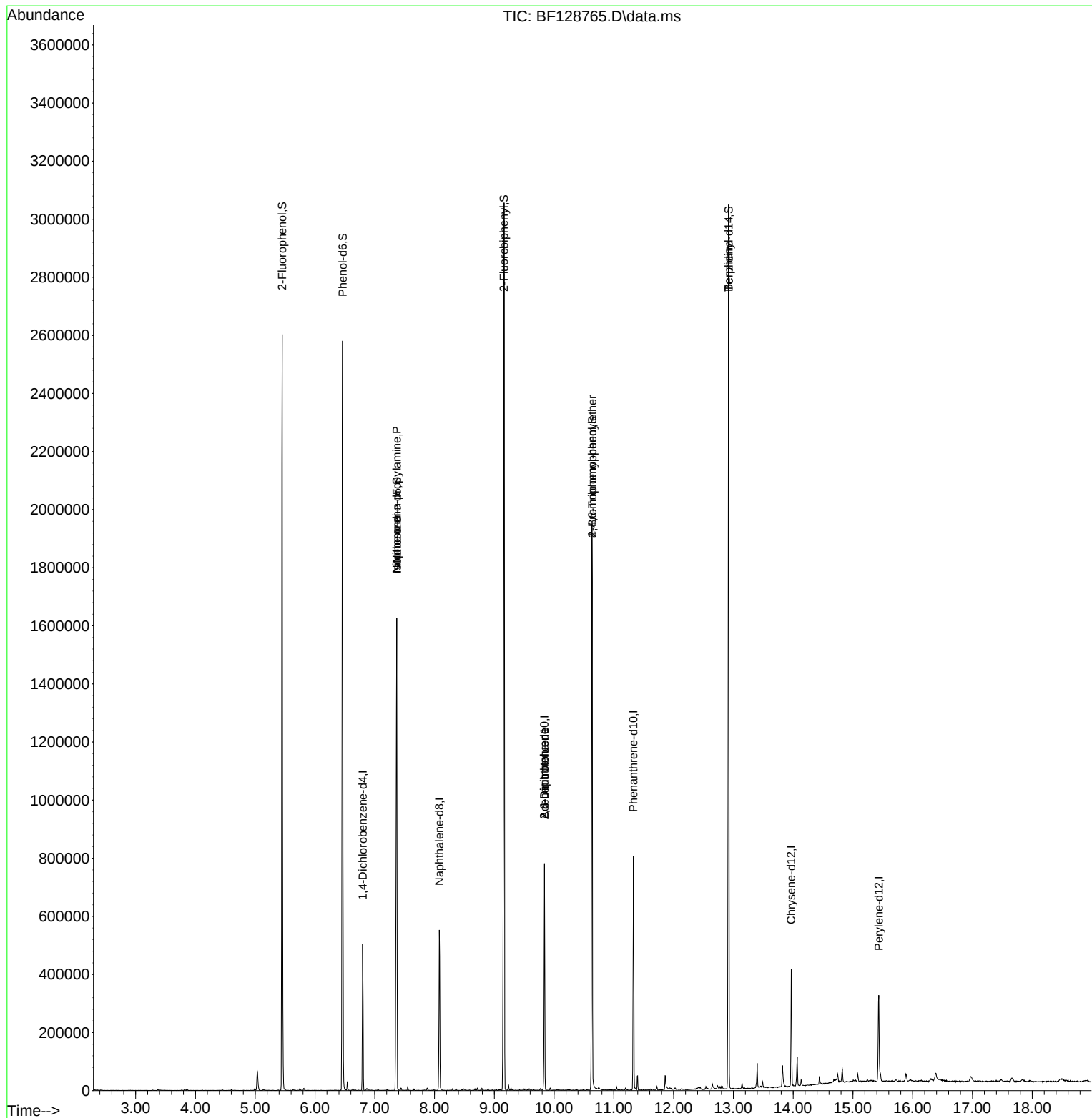
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	62231	20.000	ng	-0.01
21) Naphthalene-d8	8.081	136	243860	20.000	ng	-0.02
39) Acenaphthene-d10	9.839	164	144696	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	268941	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	136566	20.000	ng	#-0.02
86) Perylene-d12	15.433	264	132935	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	612905	156.876	ng	0.00
7) Phenol-d6	6.463	99	776162	162.748	ng	-0.02
23) Nitrobenzene-d5	7.369	82	551030	105.205	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	251852	147.312	ng	-0.01
45) 2-Fluorobiphenyl	9.163	172	1039108	100.596	ng	-0.01
79) Terphenyl-d14	12.921	244	1027803	130.775	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	79421	26.784	ng	# 76
25) Isophorone	7.369	82	551024	69.268	ng	# 65
51) 2,6-Dinitrotoluene	9.839	165	17885	9.149	ng	# 26
57) 2,4-Dinitrotoluene	9.839	165	17885	6.856	ng	# 22
67) 4-Bromophenyl-phenylether	10.639	248	16434	5.479	ng	# 1
77) Benizidine	12.921	184	14834	5.449	ng	# 92

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

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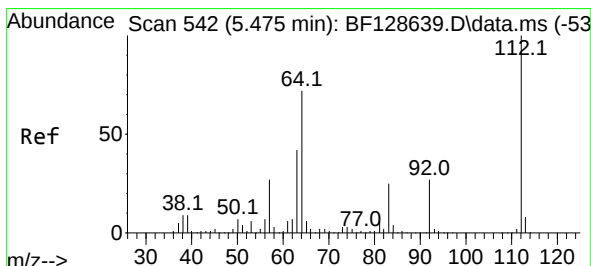
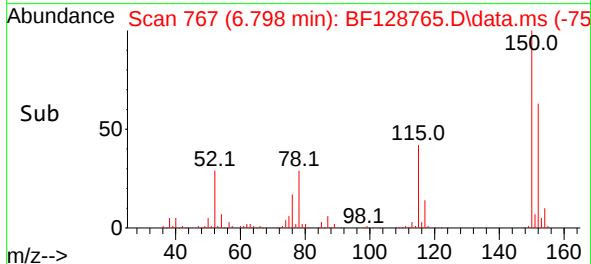
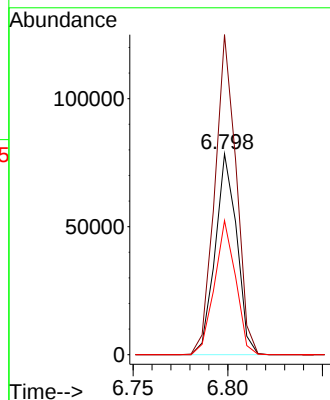
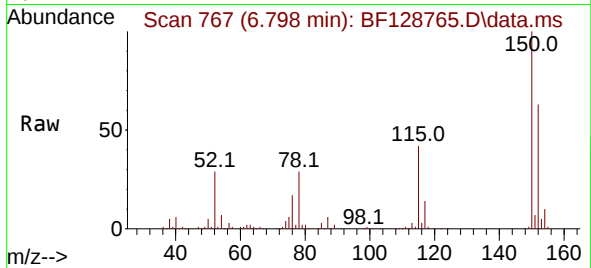




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 772
Delta R.T. -0.012 min
Lab File: BF128765.D
Acq: 10 Jun 2022 18:16

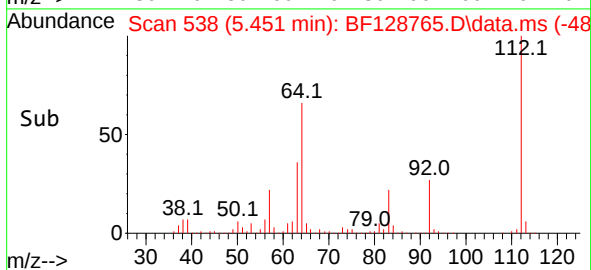
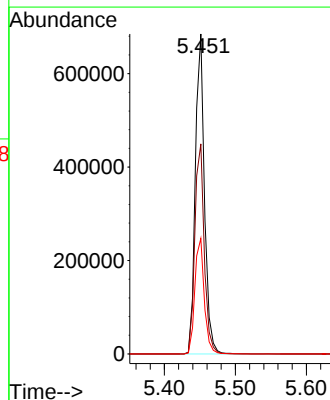
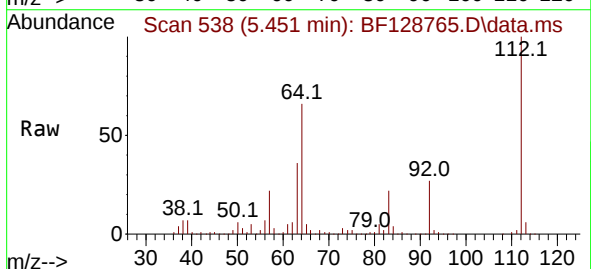
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609

Tgt Ion:152 Resp: 62231
Ion Ratio Lower Upper
152 100
150 159.3 123.7 185.5
115 66.8 49.9 74.9



#5
2-Fluorophenol
Concen: 156.876 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.006 min
Lab File: BF128765.D
Acq: 10 Jun 2022 18:16

Tgt Ion:112 Resp: 612905
Ion Ratio Lower Upper
112 100
64 65.7 53.3 79.9
63 36.1 28.0 42.0

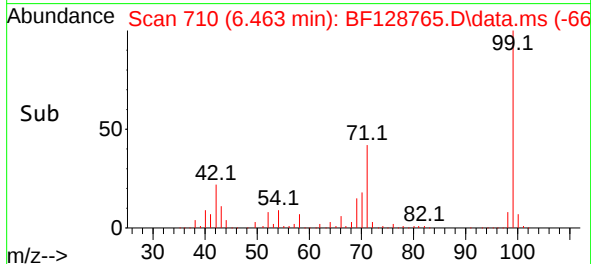
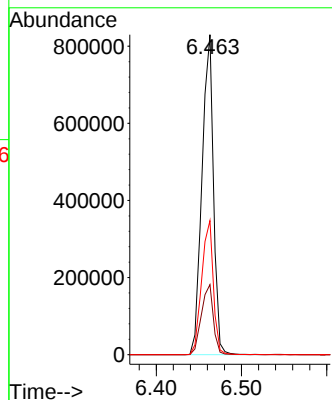
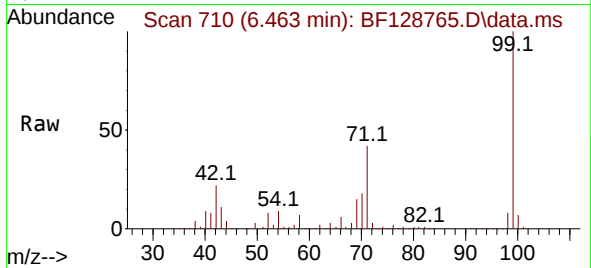




#7
Phenol-d6
Concen: 162.748 ng
RT: 6.463 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128765.D
Acq: 10 Jun 2022 18:16

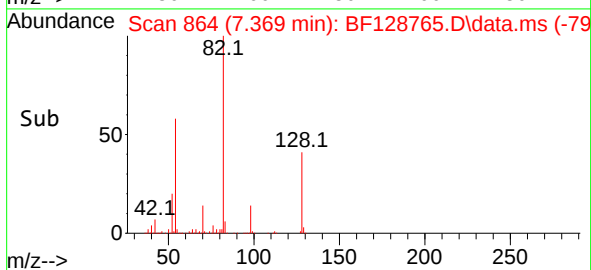
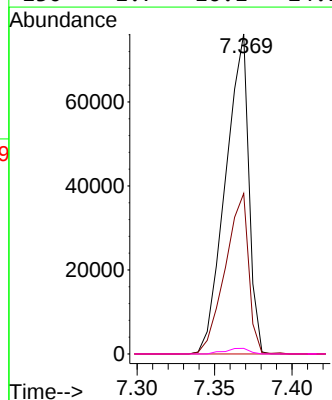
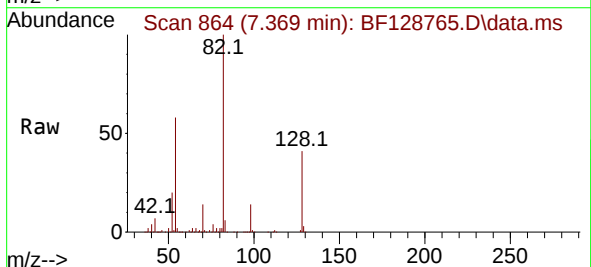
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609

Tgt Ion: 99 Resp: 776162
Ion Ratio Lower Upper
99 100
42 21.9 17.3 25.9
71 41.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 26.784 ng
RT: 7.369 min Scan# 864
Delta R.T. 0.135 min
Lab File: BF128765.D
Acq: 10 Jun 2022 18:16

Tgt Ion: 70 Resp: 79421
Ion Ratio Lower Upper
70 100
42 50.1 52.3 78.5#
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#

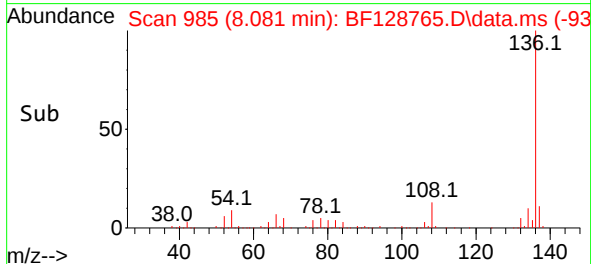
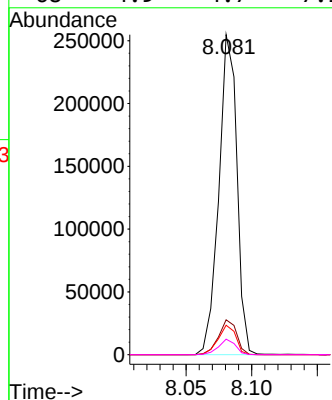
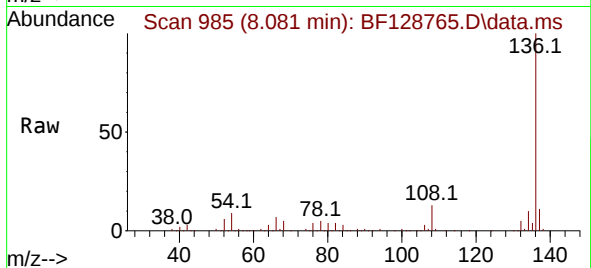




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF128765.D
Acq: 10 Jun 2022 18:16

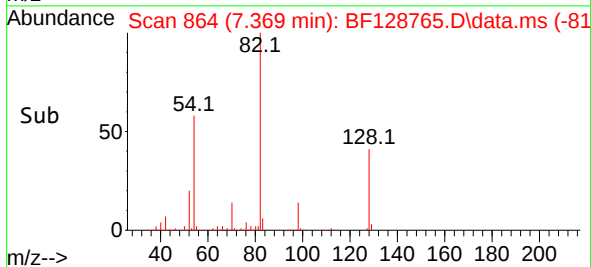
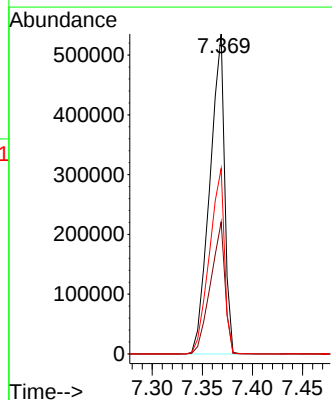
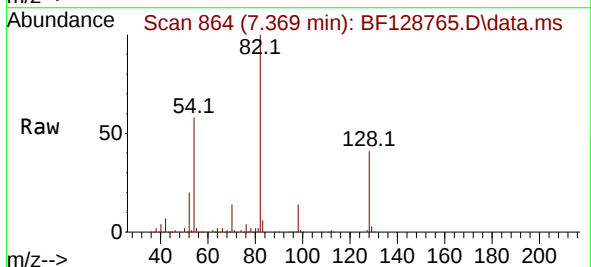
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609

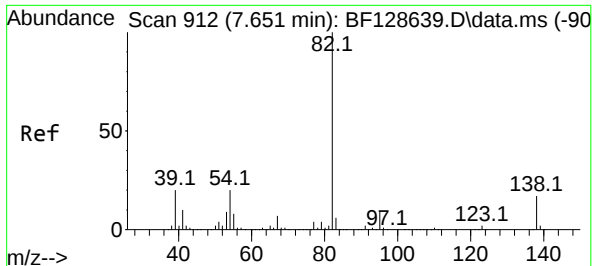
Tgt	Ion:136	Resp:	243860
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.2	7.5	11.3
68	4.9	4.7	7.1



#23
Nitrobenzene-d5
Concen: 105.205 ng
RT: 7.369 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF128765.D
Acq: 10 Jun 2022 18:16

Tgt Ion: 82	Resp: 551030
Ion Ratio	Lower Upper
82 100	
128 41.2	34.0 51.0
54 57.9	46.9 70.3

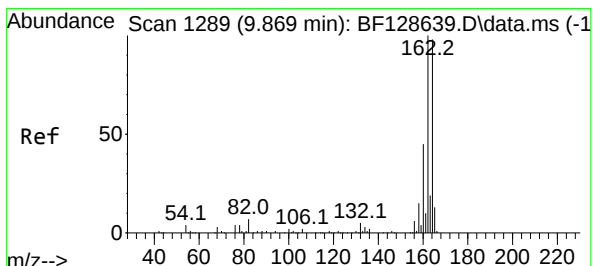
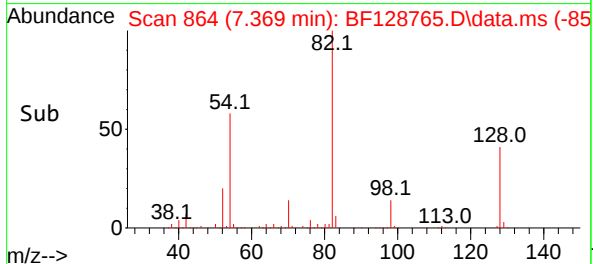
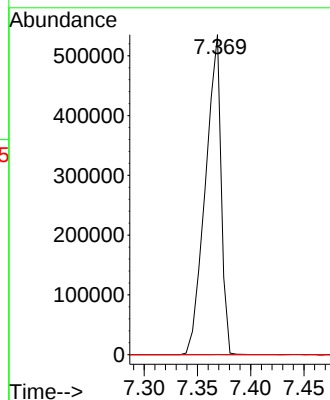
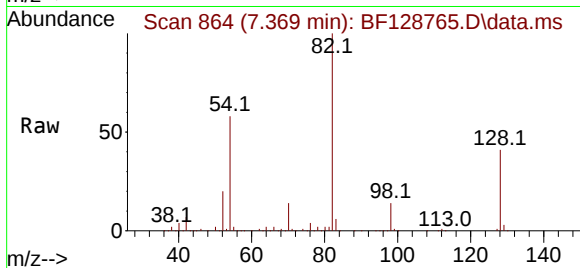




#25
Isophorone
Concen: 69.268 ng
RT: 7.369 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128765.D
Acq: 10 Jun 2022 18:16

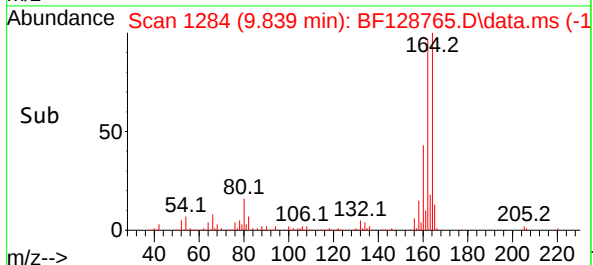
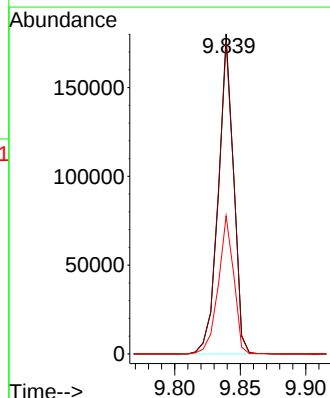
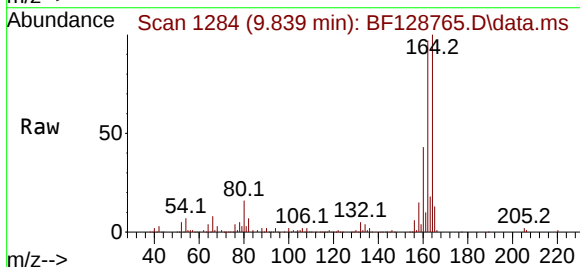
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609

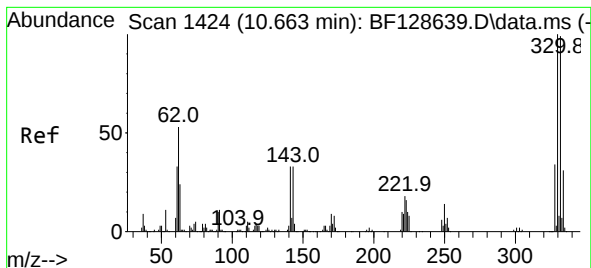
Tgt Ion: 82 Resp: 551024
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1284
Delta R.T. -0.018 min
Lab File: BF128765.D
Acq: 10 Jun 2022 18:16

Tgt Ion:164 Resp: 144696
Ion Ratio Lower Upper
164 100
162 97.3 79.5 119.3
160 43.2 34.2 51.4

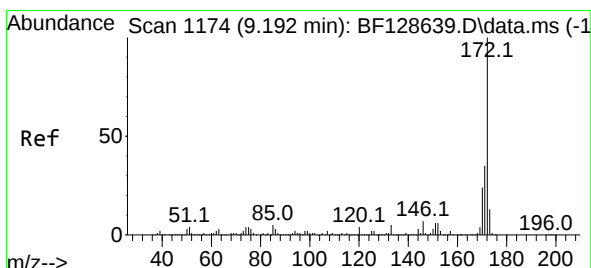
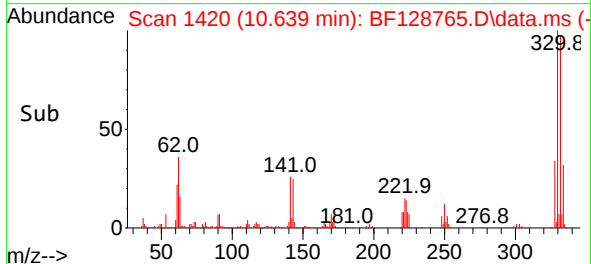
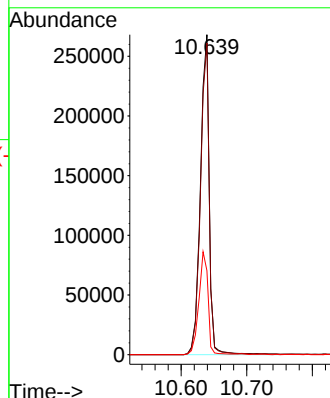
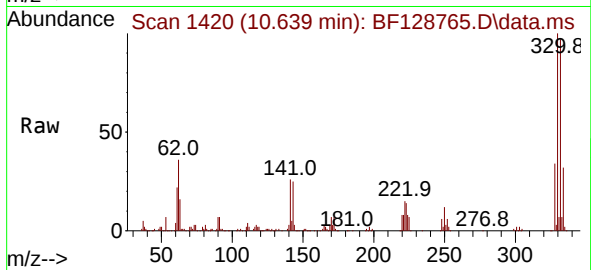




#42
2,4,6-Tribromophenol
Concen: 147.312 ng
RT: 10.639 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF128765.D
Acq: 10 Jun 2022 18:16

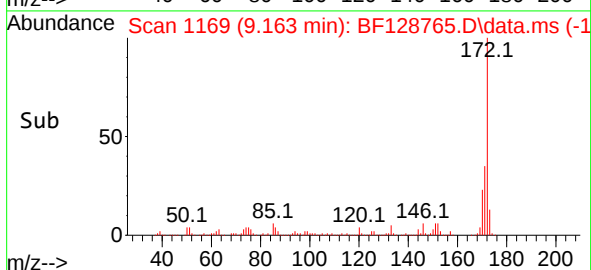
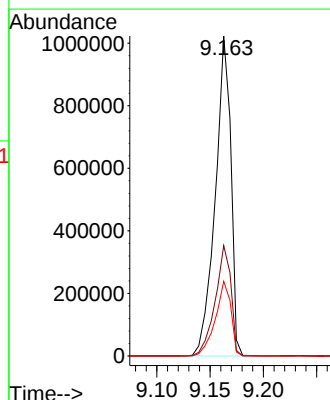
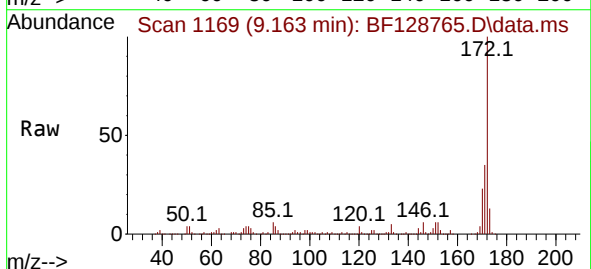
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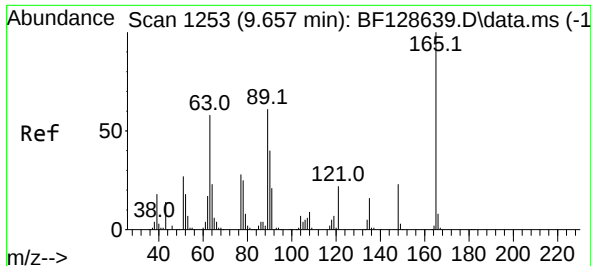
Tgt Ion:330 Resp: 251852
Ion Ratio Lower Upper
330 100
332 96.2 76.8 115.2
141 33.2 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 100.596 ng
RT: 9.163 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF128765.D
Acq: 10 Jun 2022 18:16

Tgt Ion:172 Resp: 1039108
Ion Ratio Lower Upper
172 100
171 34.5 28.8 43.2
170 23.4 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.149 ng

RT: 9.839 min Scan# 11

Delta R.T. 0.194 min

Lab File: BF128765.D

Acq: 10 Jun 2022 18:16

Instrument :

BNA_F

ClientSampleId :

WC-SO-20220609

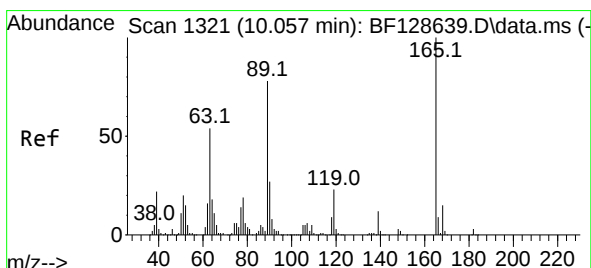
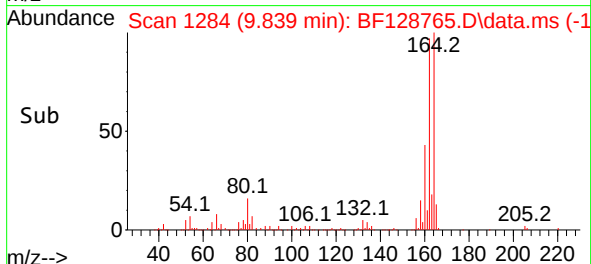
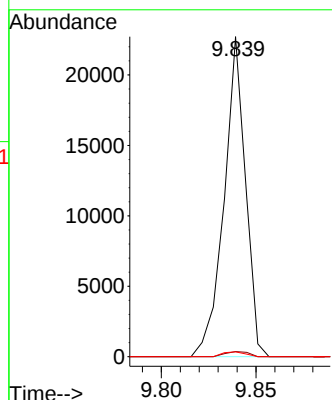
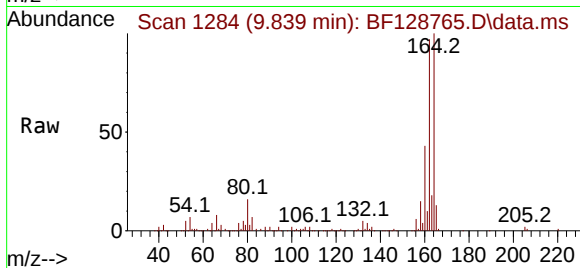
Tgt Ion:165 Resp: 17885

Ion Ratio Lower Upper

165 100

63 1.6 44.9 67.3#

89 1.5 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.856 ng

RT: 9.839 min Scan# 1284

Delta R.T. -0.206 min

Lab File: BF128765.D

Acq: 10 Jun 2022 18:16

Tgt Ion:165 Resp: 17885

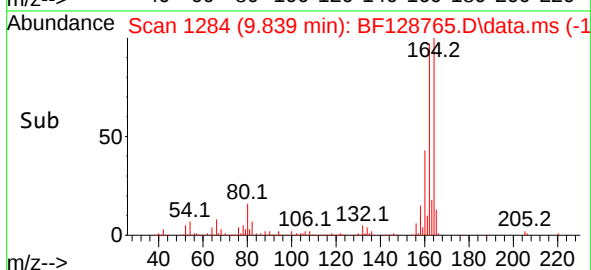
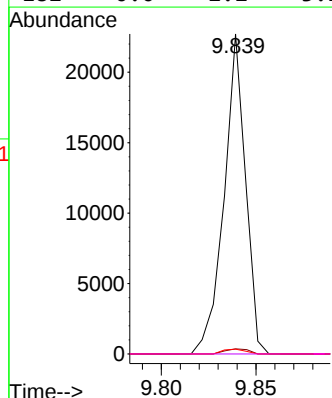
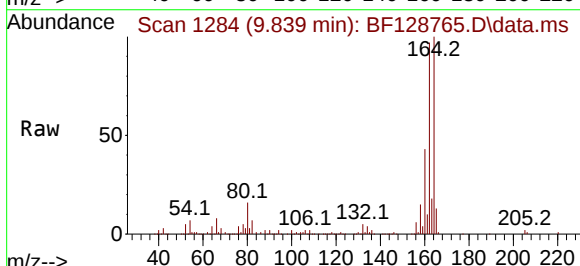
Ion Ratio Lower Upper

165 100

63 1.6 39.8 59.6#

89 1.5 60.2 90.2#

182 0.0 2.2 3.2#

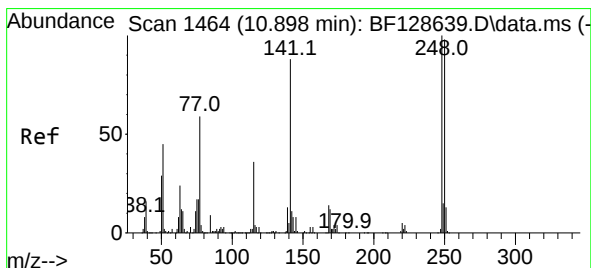
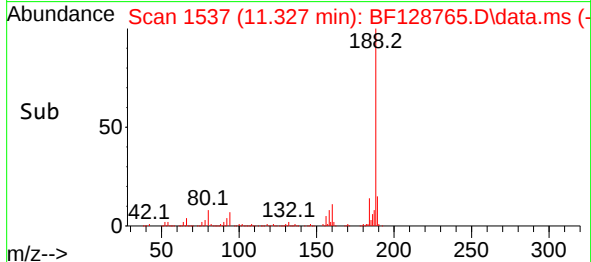
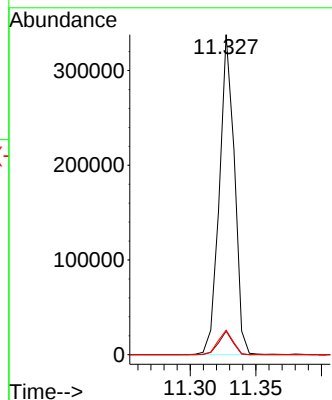
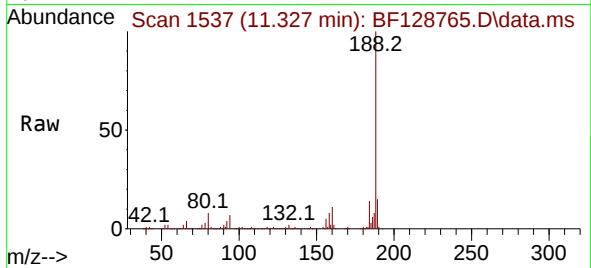




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128765.D
Acq: 10 Jun 2022 18:16

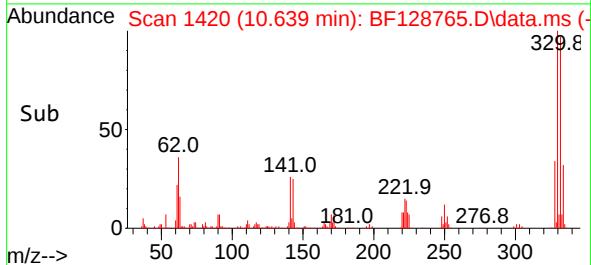
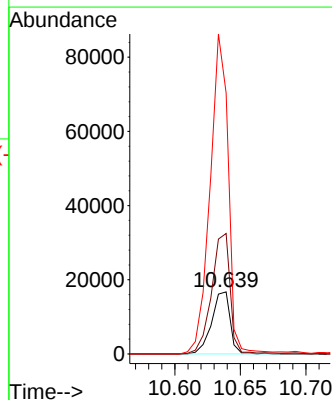
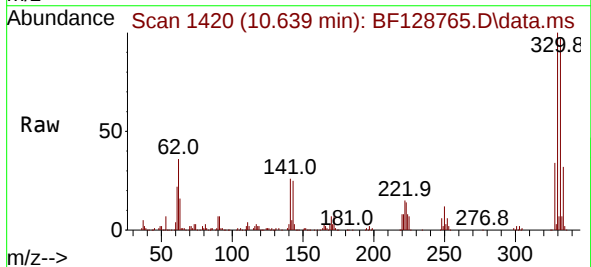
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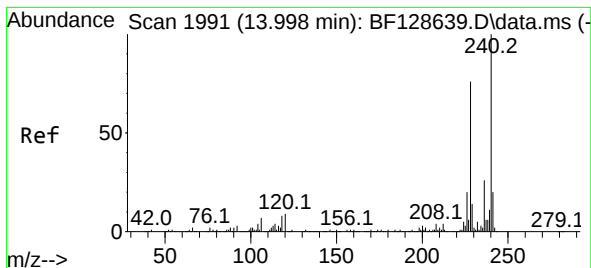
Tgt Ion:188 Resp: 268941
Ion Ratio Lower Upper
188 100
94 7.4 7.0 10.6
80 7.6 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 5.479 ng
RT: 10.639 min Scan# 1420
Delta R.T. -0.247 min
Lab File: BF128765.D
Acq: 10 Jun 2022 18:16

Tgt Ion:248 Resp: 16434
Ion Ratio Lower Upper
248 100
250 194.3 80.6 120.8#
141 420.9 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 1991

Delta R.T. -0.018 min

Lab File: BF128765.D

Acq: 10 Jun 2022 18:16

Instrument :

BNA_F

ClientSampleId :

WC-SO-20220609

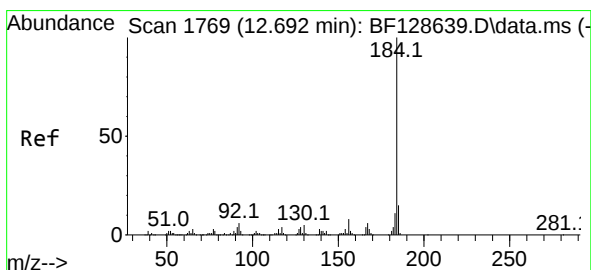
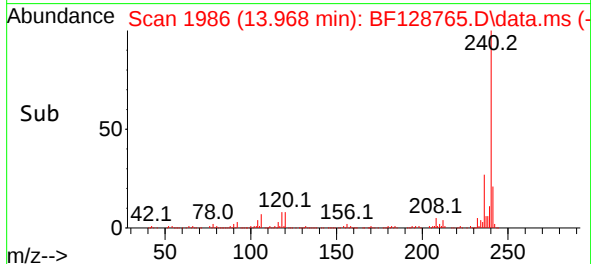
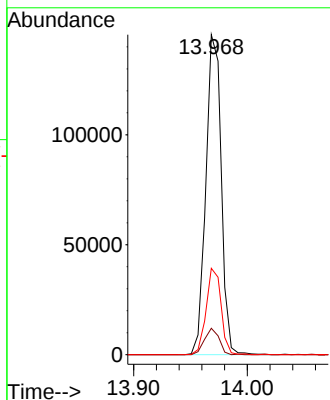
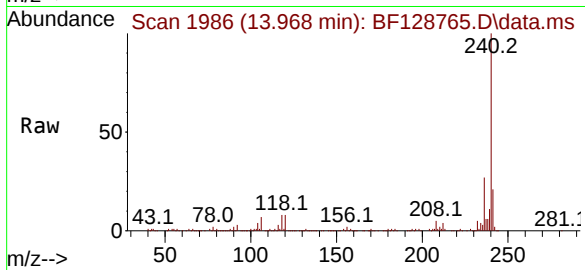
Tgt Ion:240 Resp: 136566

Ion Ratio Lower Upper

240 100

120 8.3 8.9 13.3#

236 27.0 20.8 31.2



#77

Benidine

Concen: 5.449 ng

RT: 12.921 min Scan# 1808

Delta R.T. 0.241 min

Lab File: BF128765.D

Acq: 10 Jun 2022 18:16

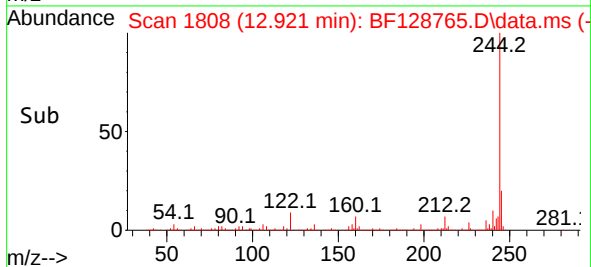
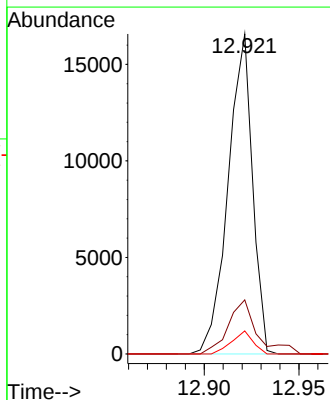
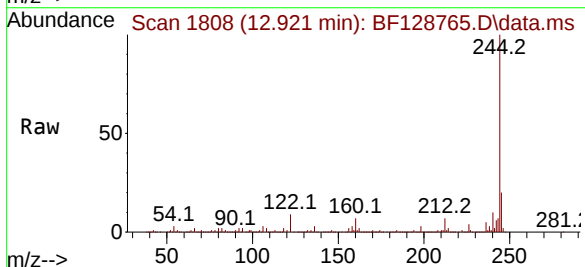
Tgt Ion:184 Resp: 14834

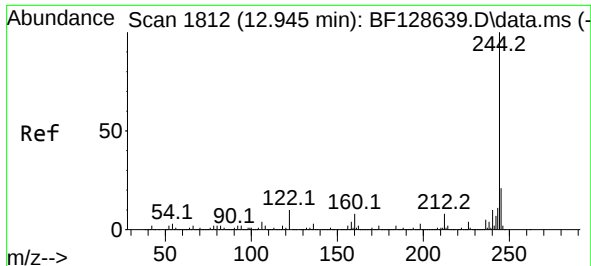
Ion Ratio Lower Upper

184 100

185 16.9 11.9 17.9

183 7.2 9.3 13.9#

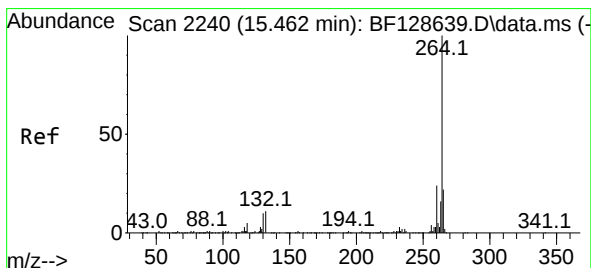
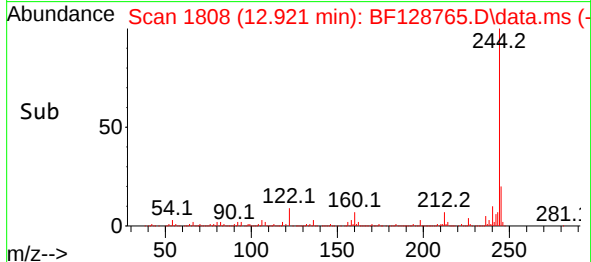
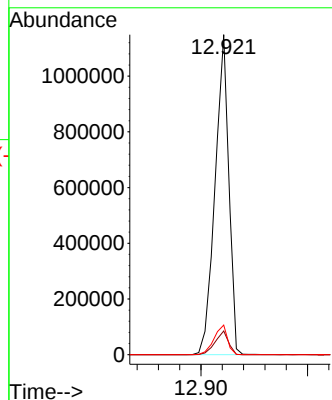
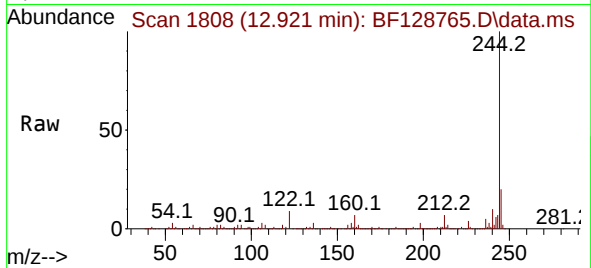




#79
 Terphenyl-d14
 Concen: 130.775 ng
 RT: 12.921 min Scan# 1808
 Delta R.T. -0.012 min
 Lab File: BF128765.D
 Acq: 10 Jun 2022 18:16

Instrument :
 BNA_F
 ClientSampleId :
 WC-SO-20220609

Tgt Ion:244 Resp: 1027803
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 9.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2235
 Delta R.T. -0.012 min
 Lab File: BF128765.D
 Acq: 10 Jun 2022 18:16

Tgt Ion:264 Resp: 132935
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.0 17.2 25.8

