

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
 Data File : BF133805.D
 Acq On : 16 Jun 2023 14:11
 Operator : CG\JU
 Sample : PB153422BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153422BL

Quant Time: Jun 16 14:56:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 14:54:03 2023
 Response via : Initial Calibration

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

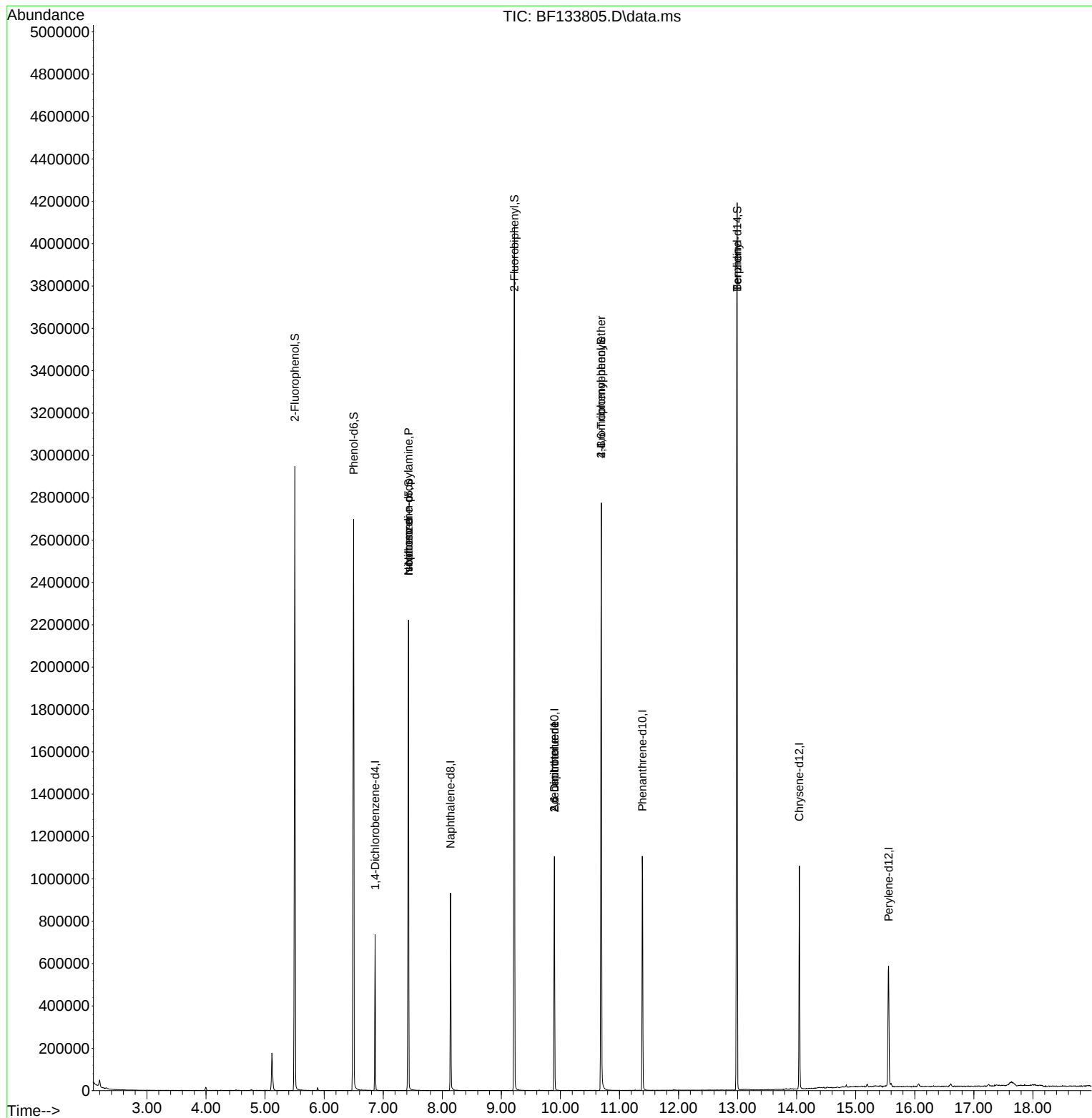
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	93672	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	378121	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	206886	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	423155	20.000	ng	0.00
76) Chrysene-d12	14.045	240	332115	20.000	ng	0.00
86) Perylene-d12	15.557	264	280787	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	757477	140.778	ng	0.01
7) Phenol-d6	6.498	99	917336	130.977	ng	0.00
23) Nitrobenzene-d5	7.428	82	633739	91.287	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	332217	126.858	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1280944	88.014	ng	0.00
79) Terphenyl-d14	12.992	244	1536980	71.609	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	87699	19.680	ng	# 79
25) Isophorone	7.428	82	633733	49.724	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	26598	8.345	ng	# 28
57) 2,4-Dinitrotoluene	9.898	165	26598	6.561	ng	# 19
67) 4-Bromophenyl-phenylether	10.692	248	20292	4.296	ng	# 1
77) Benzidine	12.992	184	22513	2.020	ng	# 93

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

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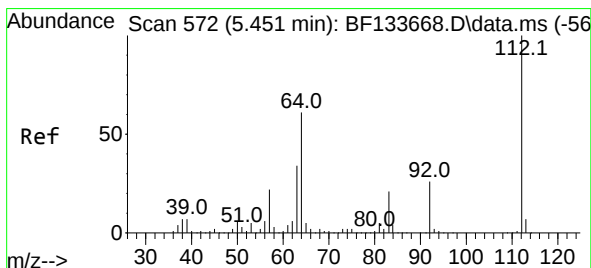
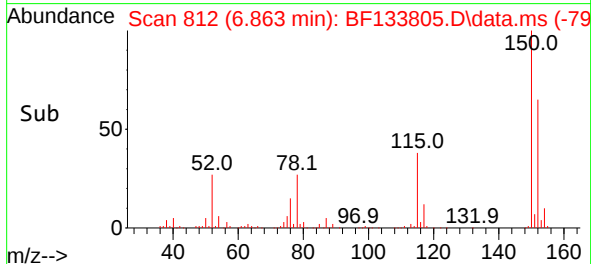
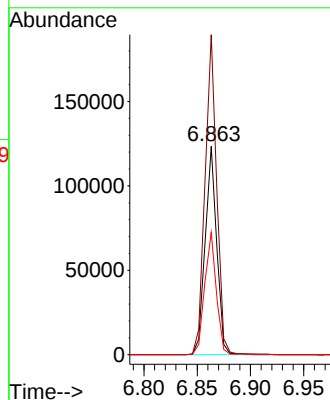
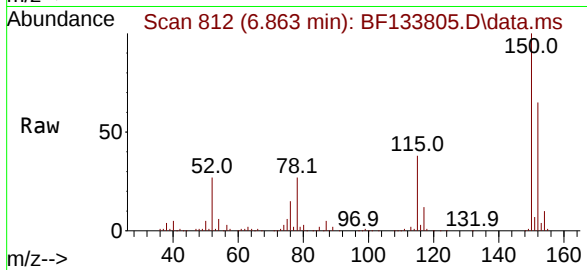




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133805.D
Acq: 16 Jun 2023 14:11

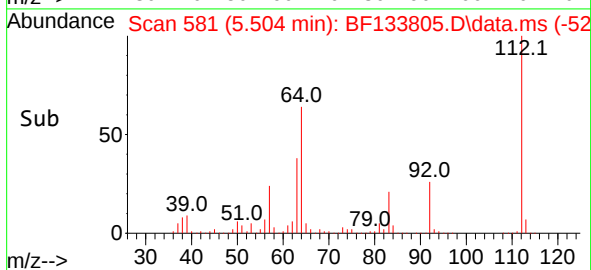
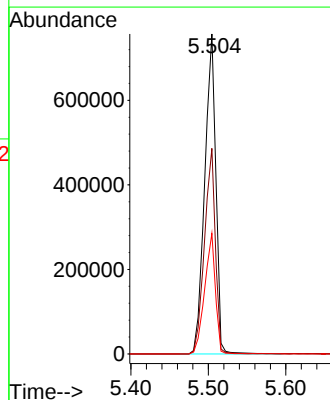
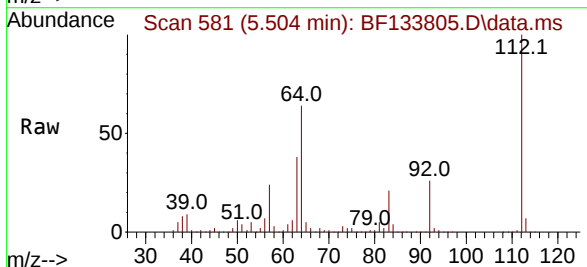
Instrument :
BNA_F
ClientSampleId :
PB153422BL

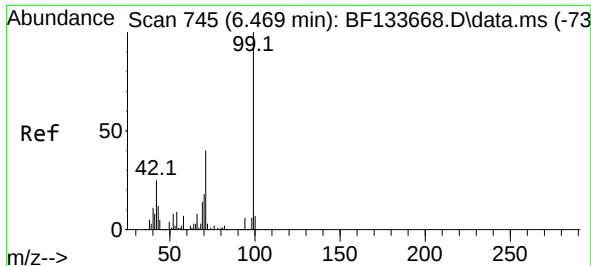
Tgt Ion:152 Resp: 93672
Ion Ratio Lower Upper
152 100
150 153.6 124.3 186.5
115 58.6 48.5 72.7



#5
2-Fluorophenol
Concen: 140.778 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF133805.D
Acq: 16 Jun 2023 14:11

Tgt Ion:112 Resp: 757477
Ion Ratio Lower Upper
112 100
64 64.3 49.0 73.4
63 37.7 26.8 40.2

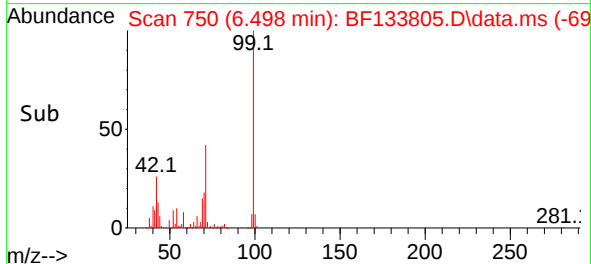
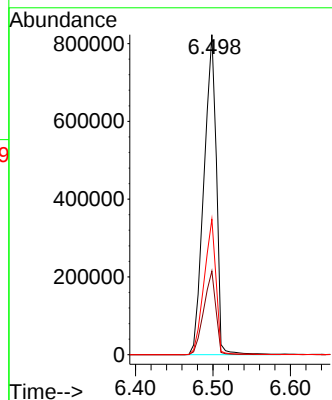
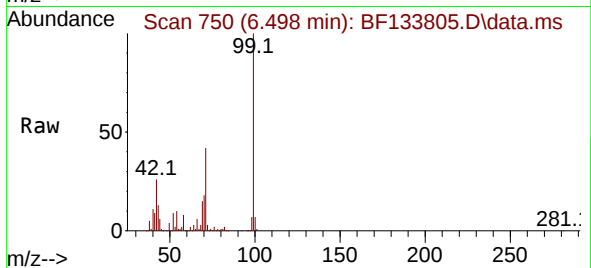




#7
Phenol-d6
Concen: 130.977 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133805.D
Acq: 16 Jun 2023 14:11

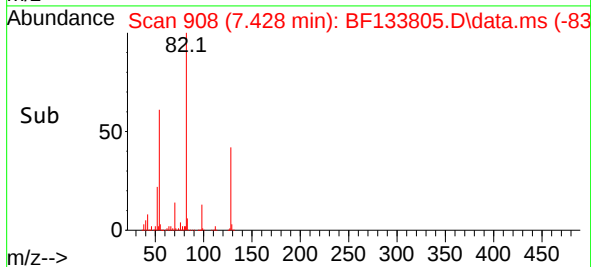
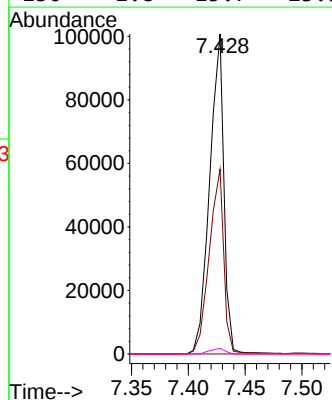
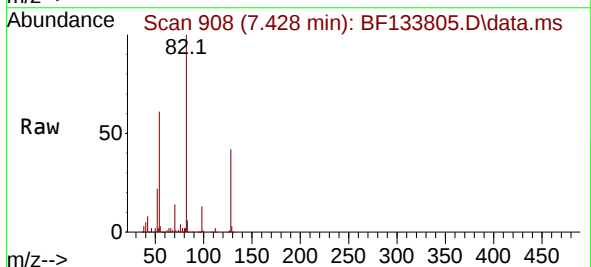
Instrument :
BNA_F
ClientSampleId :
PB153422BL

Tgt Ion: 99 Resp: 917336
Ion Ratio Lower Upper
99 100
42 26.2 19.9 29.9
71 42.3 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.680 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.153 min
Lab File: BF133805.D
Acq: 16 Jun 2023 14:11

Tgt Ion: 70 Resp: 87699
Ion Ratio Lower Upper
70 100
42 57.7 55.8 83.8
101 0.0 8.1 12.1#
130 1.8 15.7 23.5#

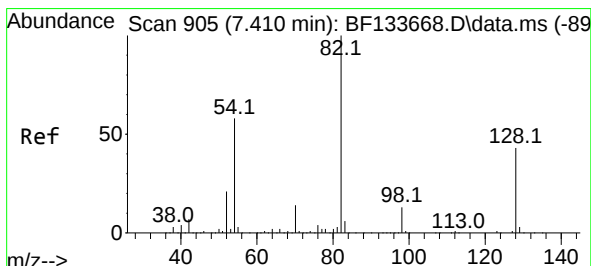
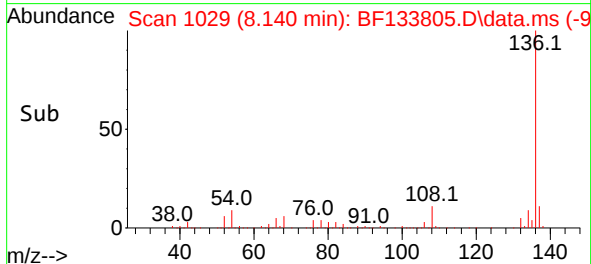
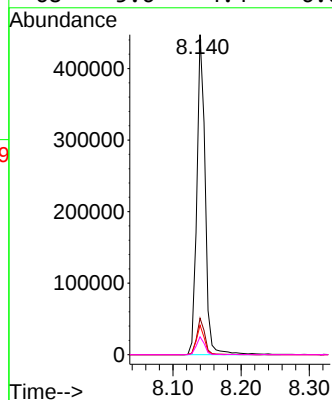
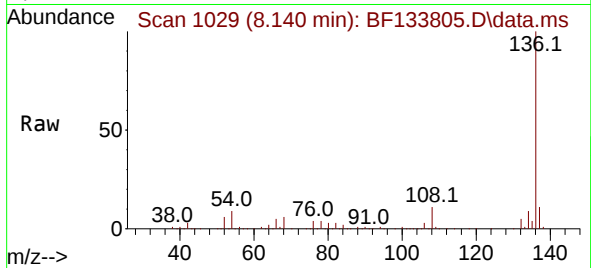




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133805.D
Acq: 16 Jun 2023 14:11

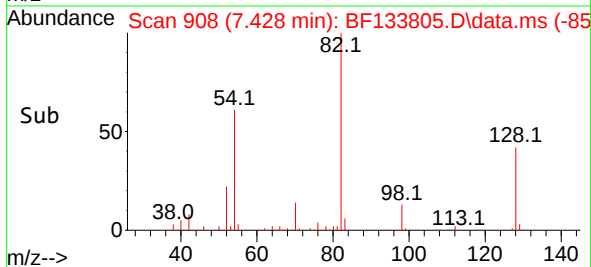
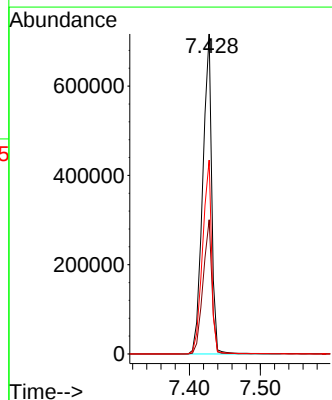
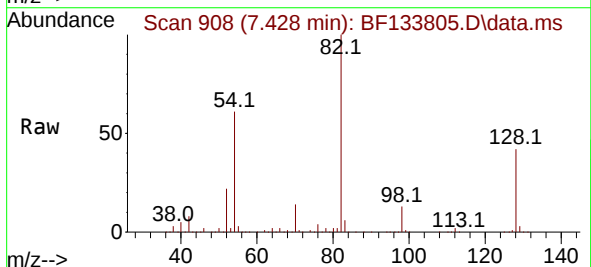
Instrument :
BNA_F
ClientSampleId :
PB153422BL

Tgt Ion:136 Resp: 378121
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 9.2 7.4 11.0
68 5.6 4.4 6.6



#23
Nitrobenzene-d5
Concen: 91.287 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.000 min
Lab File: BF133805.D
Acq: 16 Jun 2023 14:11

Tgt Ion: 82 Resp: 633739
Ion Ratio Lower Upper
82 100
128 42.0 34.2 51.2
54 60.6 46.5 69.7

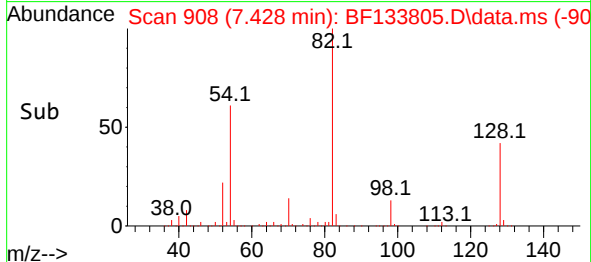
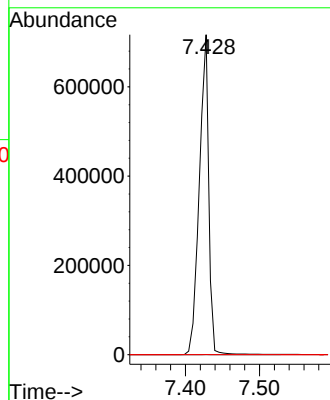
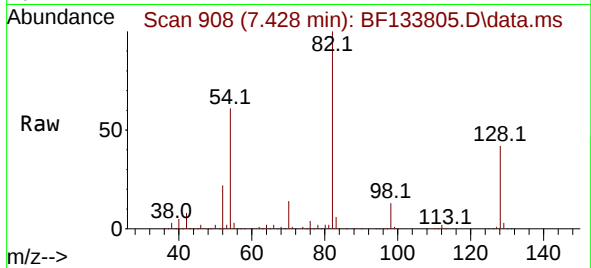




#25
Isophorone
Concen: 49.724 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.253 min
Lab File: BF133805.D
Acq: 16 Jun 2023 14:11

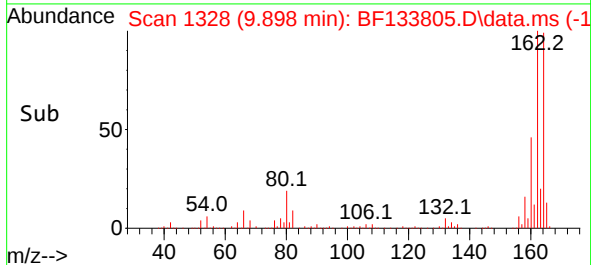
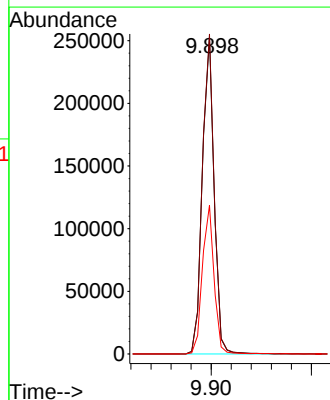
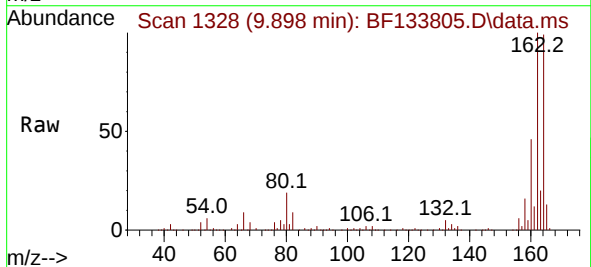
Instrument :
BNA_F
ClientSampleId :
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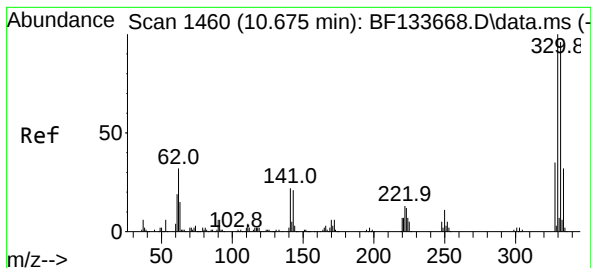
Tgt Ion: 82 Resp: 633733
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF133805.D
Acq: 16 Jun 2023 14:11

Tgt Ion: 164 Resp: 206886
Ion Ratio Lower Upper
164 100
162 101.0 80.8 121.2
160 46.9 36.7 55.1

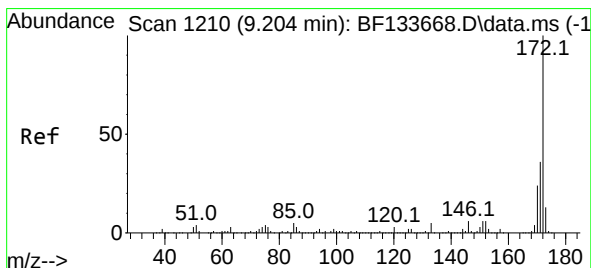
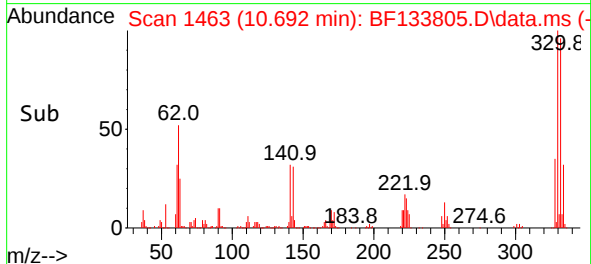
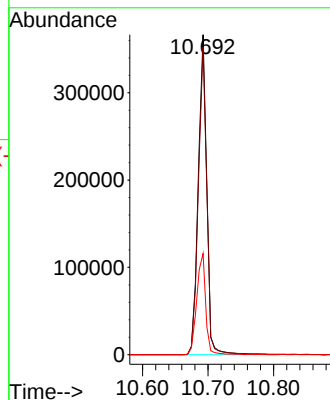
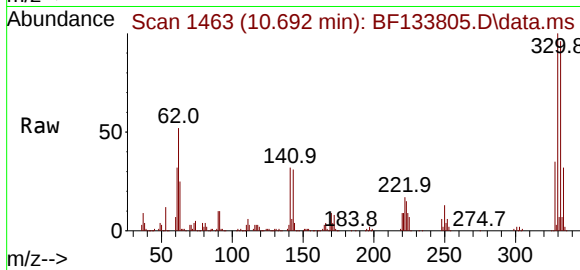




#42
 2,4,6-Tribromophenol
 Concen: 126.858 ng
 RT: 10.692 min Scan# 1463
 Delta R.T. 0.000 min
 Lab File: BF133805.D
 Acq: 16 Jun 2023 14:11

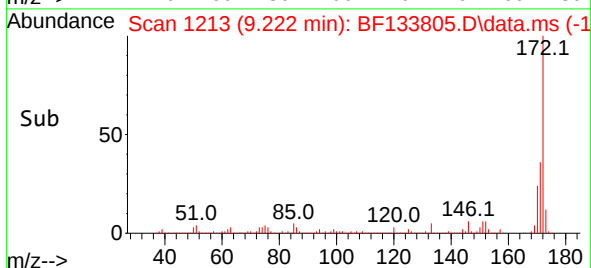
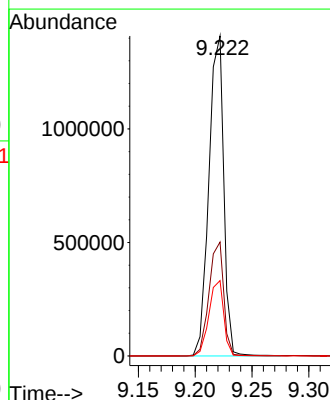
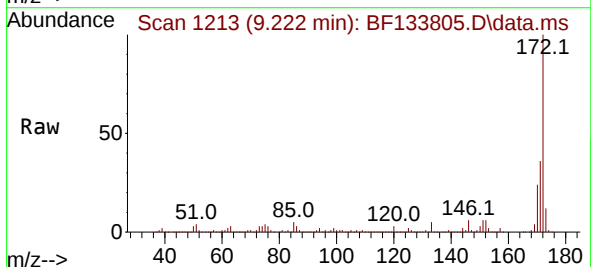
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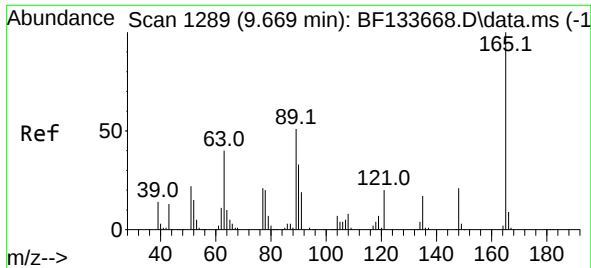
Tgt Ion: 330 Resp: 332217
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.2 115.8
 141 33.1 24.9 37.3



#45
 2-Fluorobiphenyl
 Concen: 88.014 ng
 RT: 9.222 min Scan# 1213
 Delta R.T. 0.000 min
 Lab File: BF133805.D
 Acq: 16 Jun 2023 14:11

Tgt Ion: 172 Resp: 1280944
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 23.6 19.1 28.7

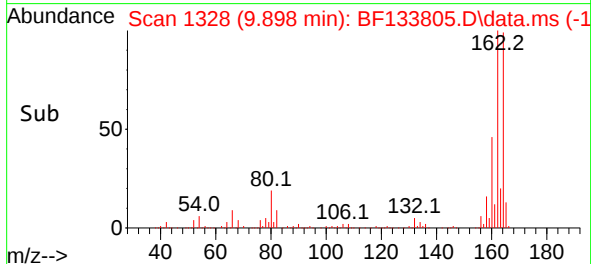
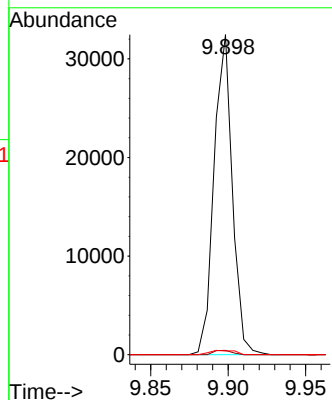
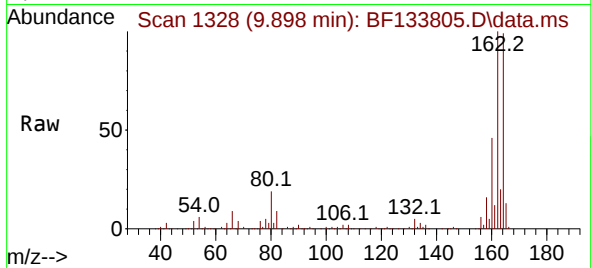




#51
2,6-Dinitrotoluene
Concen: 8.345 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133805.D
Acq: 16 Jun 2023 14:11

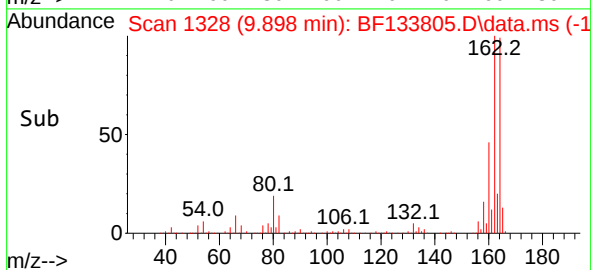
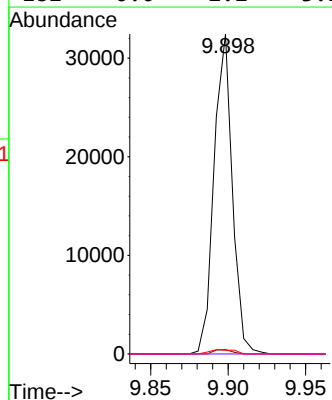
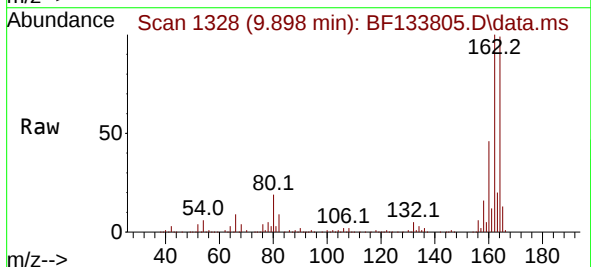
Instrument :
BNA_F
ClientSampleId :
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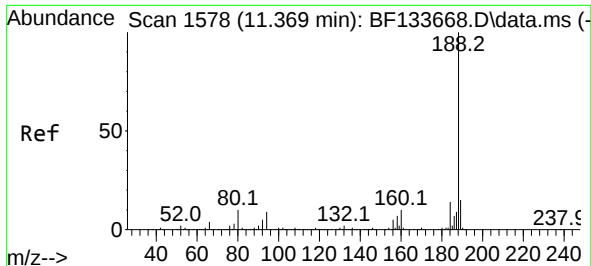
Tgt Ion:165 Resp: 26598
Ion Ratio Lower Upper
165 100
63 1.4 42.1 63.1#
89 1.1 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.561 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF133805.D
Acq: 16 Jun 2023 14:11

Tgt Ion:165 Resp: 26598
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.1 62.6 93.8#
182 0.0 2.2 3.2#

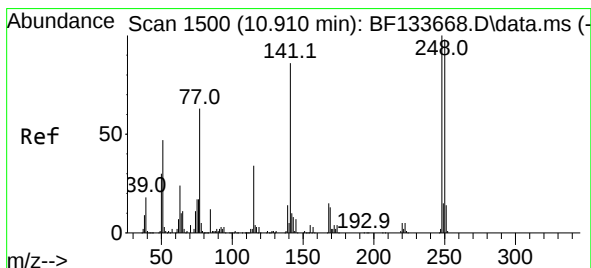
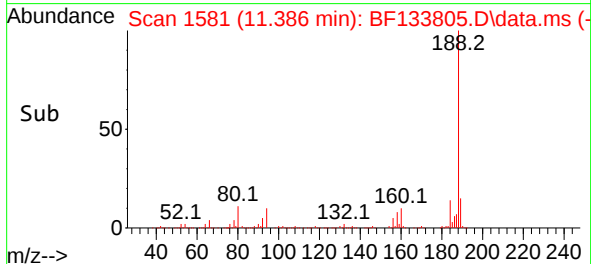
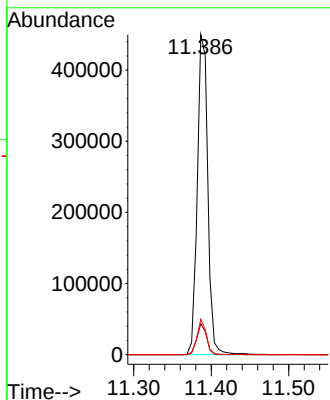
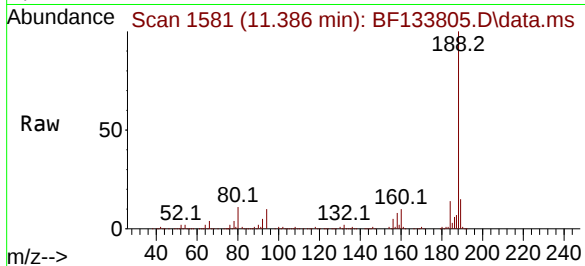




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133805.D
Acq: 16 Jun 2023 14:11

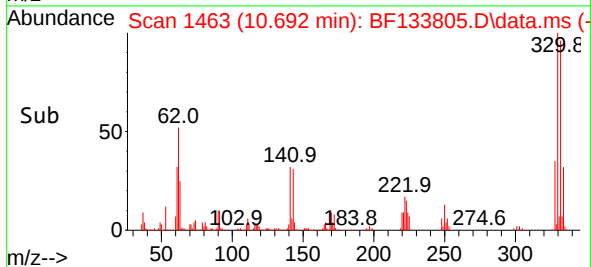
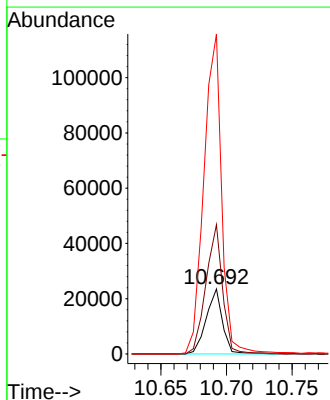
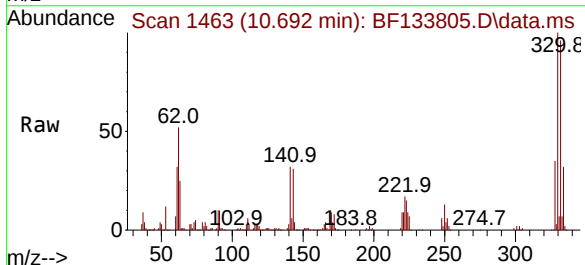
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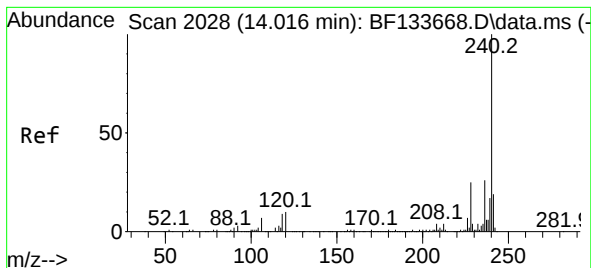
Tgt Ion:188 Resp: 423155
Ion Ratio Lower Upper
188 100
94 9.7 6.8 10.2
80 11.0 7.8 11.6



#67
4-Bromophenyl-phenylether
Concen: 4.296 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF133805.D
Acq: 16 Jun 2023 14:11

Tgt Ion:248 Resp: 20292
Ion Ratio Lower Upper
248 100
250 199.0 78.3 117.5#
141 492.6 69.0 103.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133805.D

Acq: 16 Jun 2023 14:11

Instrument :

BNA_F

ClientSampleId :

PB153422BL

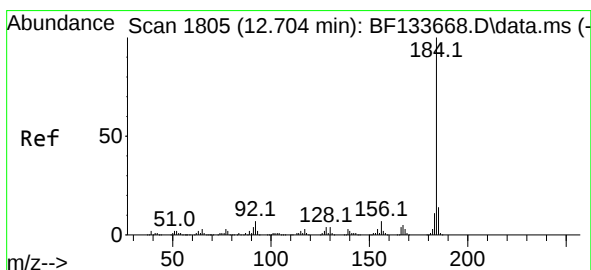
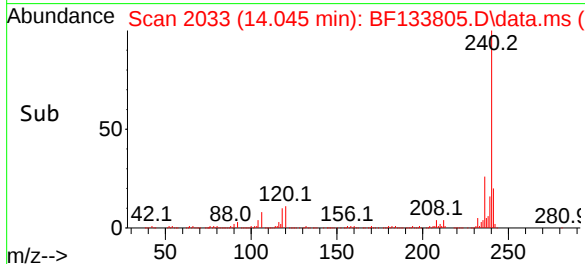
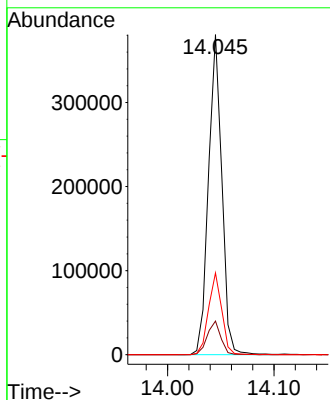
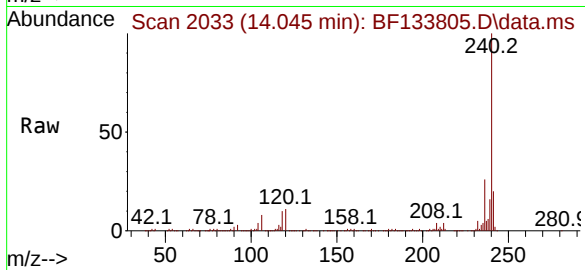
Tgt Ion:240 Resp: 332115

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

236 25.5 20.5 30.7



#77

Benzidine

Concen: 2.020 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF133805.D

Acq: 16 Jun 2023 14:11

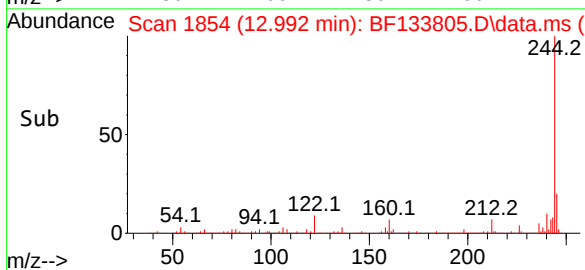
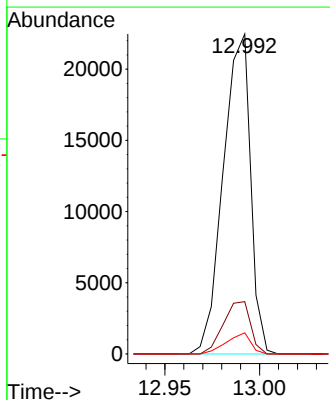
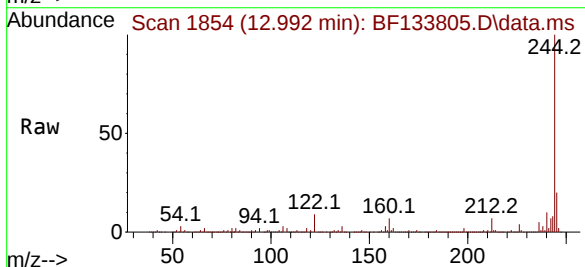
Tgt Ion:184 Resp: 22513

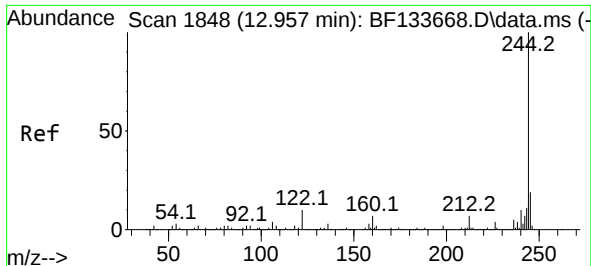
Ion Ratio Lower Upper

184 100

185 16.3 11.6 17.4

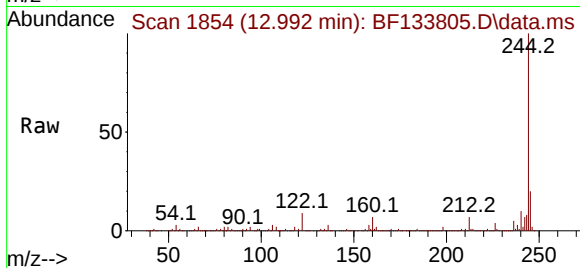
183 6.6 8.4 12.6#



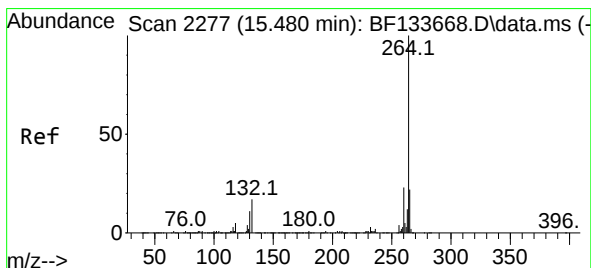
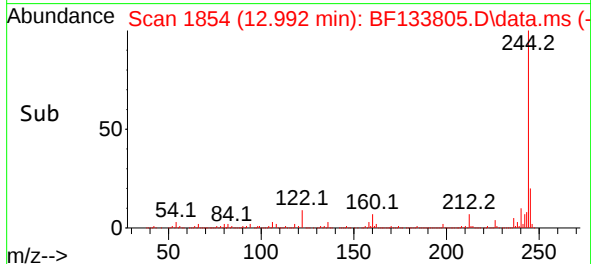
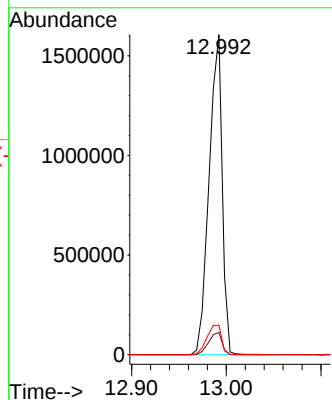


#79
 Terphenyl-d14
 Concen: 71.609 ng
 RT: 12.992 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133805.D
 Acq: 16 Jun 2023 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB153422BL



Tgt Ion:244 Resp: 1536980
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 9.2 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. -0.006 min
 Lab File: BF133805.D
 Acq: 16 Jun 2023 14:11

Tgt Ion:264 Resp: 280787
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.2
 265 21.4 17.8 26.6

