

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
 Data File : BF126481.D
 Acq On : 4 Jan 2022 22:10
 Operator : JU/CG
 Sample : M5338-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-(8.5-9)

Quant Time: Jan 05 02:02:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

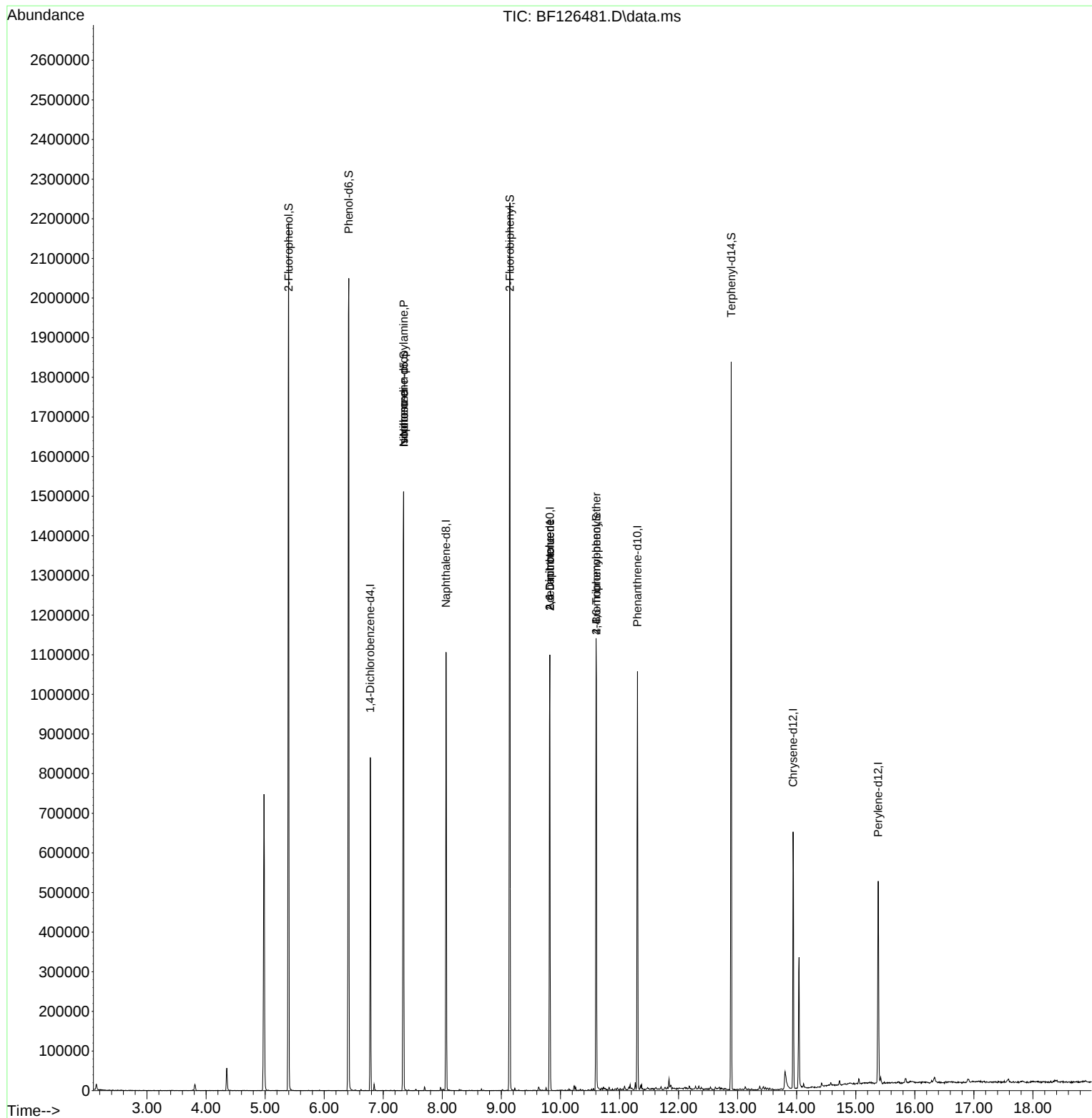
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	114902	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	477509	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	219950	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	339613	20.000	ng	0.00
76) Chrysene-d12	13.939	240	211228	20.000	ng	-0.01
86) Perylene-d12	15.380	264	195920	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	600942	75.107	ng	0.00
7) Phenol-d6	6.416	99	780805	75.344	ng	0.00
23) Nitrobenzene-d5	7.345	82	518980	55.805	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	134178	78.944	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	721433	57.719	ng	0.00
79) Terphenyl-d14	12.892	244	569499	52.384	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	64591	10.922	ng	# 79
25) Isophorone	7.345	82	518975	31.173	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	27926	9.417	ng	# 20
57) 2,4-Dinitrotoluene	9.822	165	27926	7.299	ng	# 14
67) 4-Bromophenyl-phenylether	10.610	248	7687	2.550	ng	# 1
77) Benzydine	12.892	184	6853	Below Cal		# 93

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

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4-(8.5-9)

Quant Time: Jan 05 02:02:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

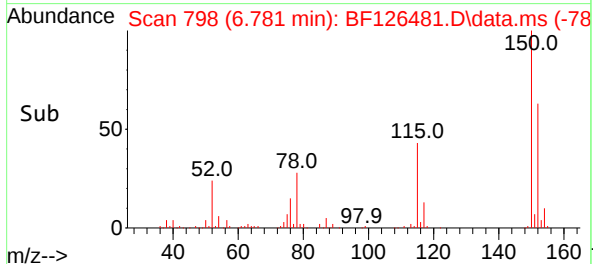
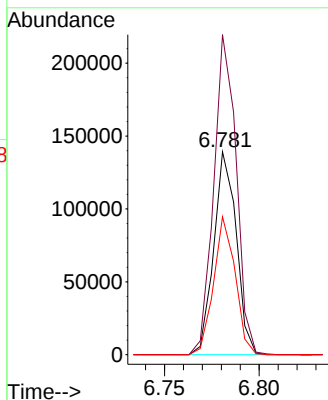
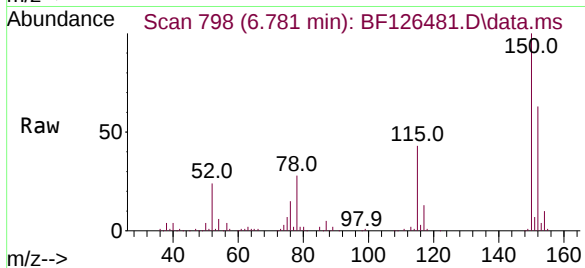




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126481.D
Acq: 4 Jan 2022 22:10

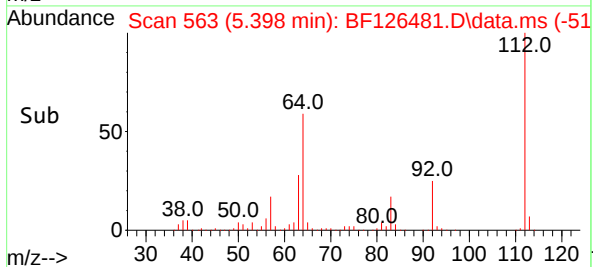
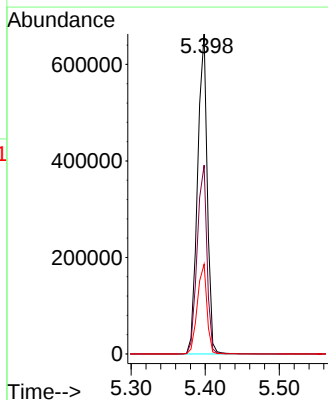
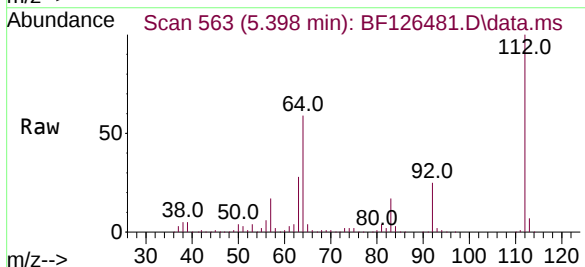
Instrument :
BNA_F
ClientSampleId :
SB-4-(8.5-9)

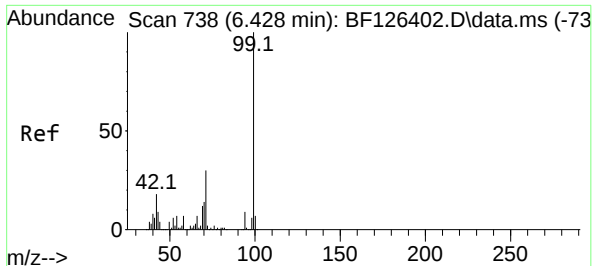
Tgt Ion:152 Resp: 114902
Ion Ratio Lower Upper
152 100
150 157.7 128.1 192.1
115 68.0 56.7 85.1



#5
2-Fluorophenol
Concen: 75.107 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF126481.D
Acq: 4 Jan 2022 22:10

Tgt Ion:112 Resp: 600942
Ion Ratio Lower Upper
112 100
64 59.0 49.5 74.3
63 28.1 23.9 35.9

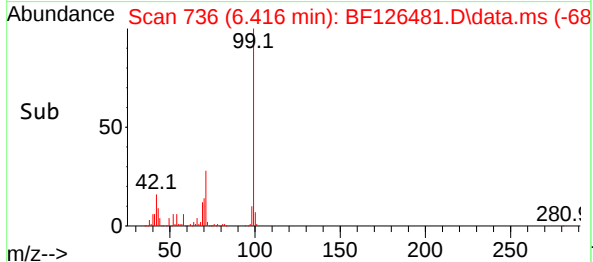
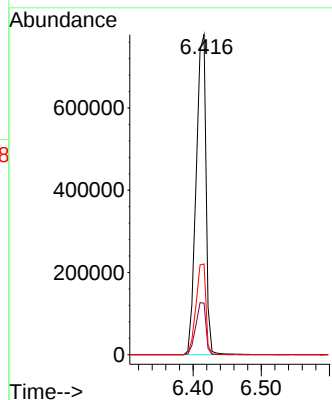
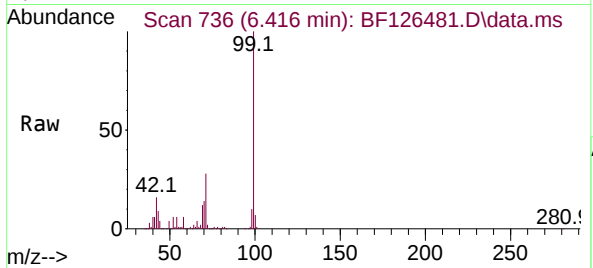




#7
Phenol-d6
Concen: 75.344 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126481.D
Acq: 4 Jan 2022 22:10

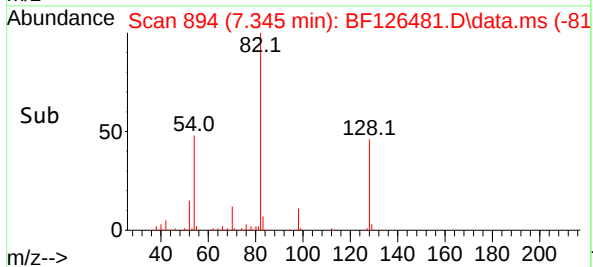
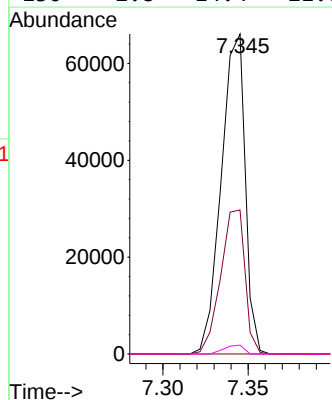
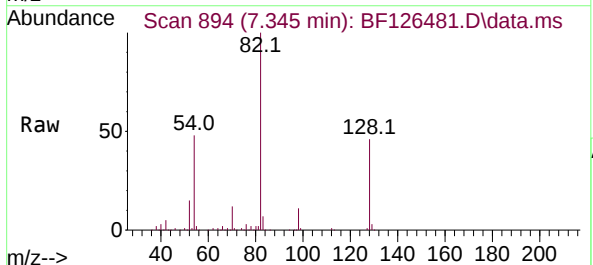
Instrument :
BNA_F
ClientSampleId :
SB-4-(8.5-9)

Tgt Ion: 99 Resp: 780805
Ion Ratio Lower Upper
99 100
42 16.1 14.2 21.4
71 28.3 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 10.922 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF126481.D
Acq: 4 Jan 2022 22:10

Tgt Ion: 70 Resp: 64591
Ion Ratio Lower Upper
70 100
42 45.0 45.8 68.8#
101 0.0 6.9 10.3#
130 2.8 14.4 21.6#



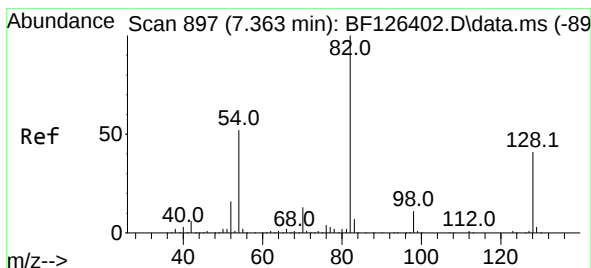
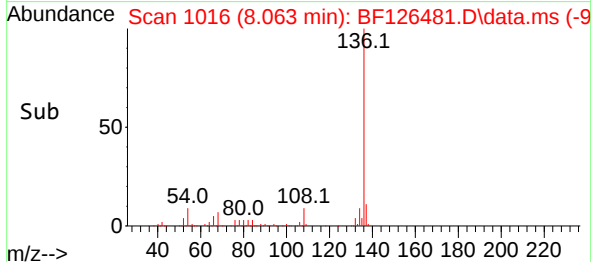
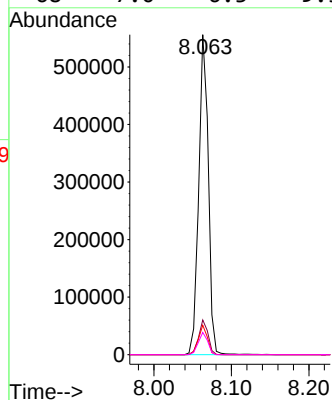
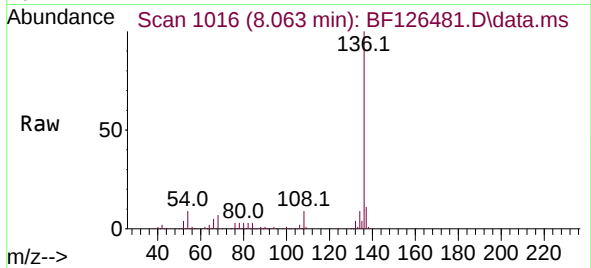


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126481.D
Acq: 4 Jan 2022 22:10

Instrument :
BNA_F
ClientSampleId :
SB-4-(8.5-9)

Tgt Ion:136 Resp: 477509

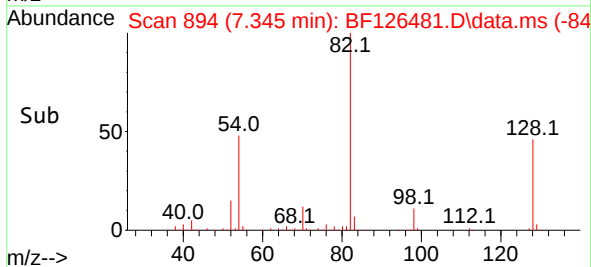
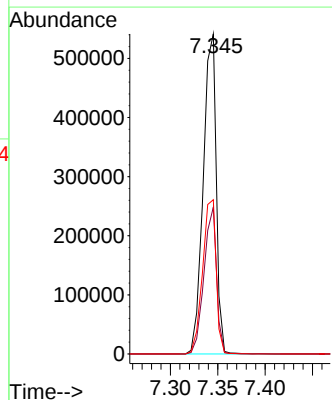
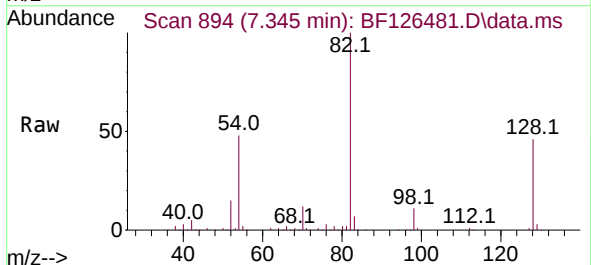
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.2	7.8	11.6
68	7.0	6.3	9.5



#23
Nitrobenzene-d5
Concen: 55.805 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF126481.D
Acq: 4 Jan 2022 22:10

Tgt Ion: 82 Resp: 518980

Ion	Ratio	Lower	Upper
82	100		
128	45.8	32.7	49.1
54	48.2	41.7	62.5

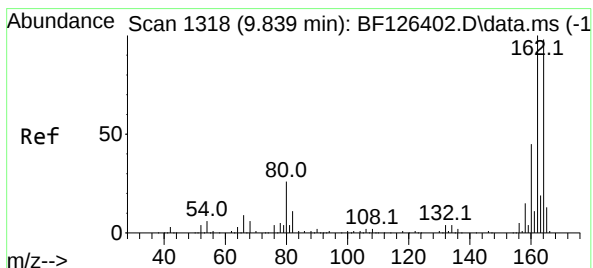
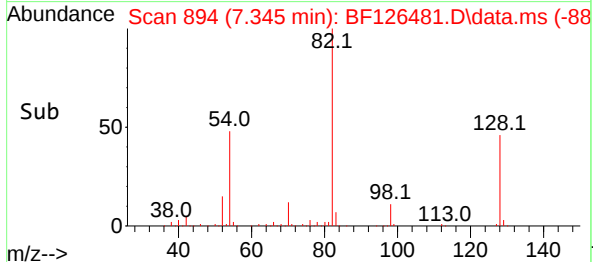
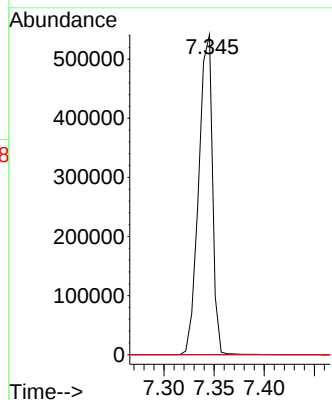
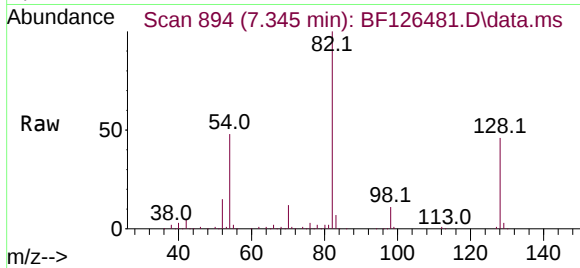




#25
Isophorone
Concen: 31.173 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF126481.D
Acq: 4 Jan 2022 22:10

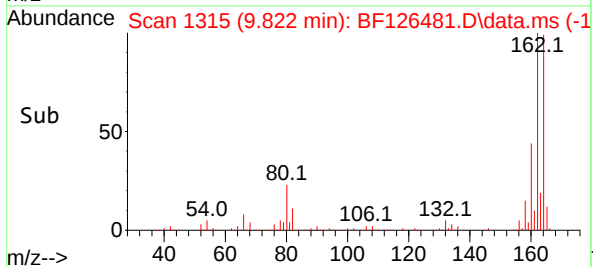
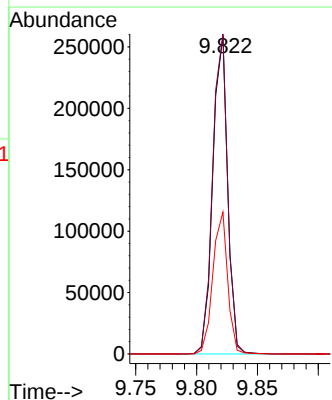
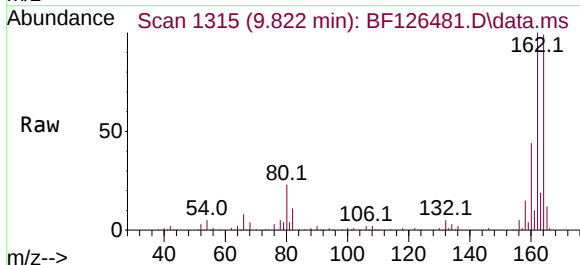
Instrument :
BNA_F
ClientSampleId :
SB-4-(8.5-9)

Tgt Ion: 82 Resp: 518975
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF126481.D
Acq: 4 Jan 2022 22:10

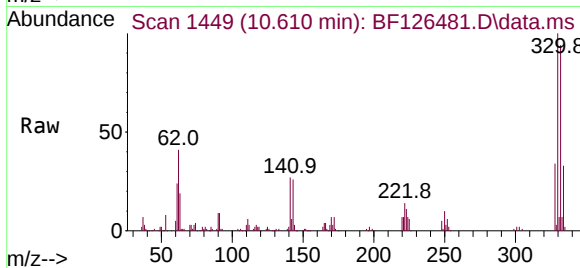
Tgt Ion:164 Resp: 219950
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 44.6 36.6 54.8



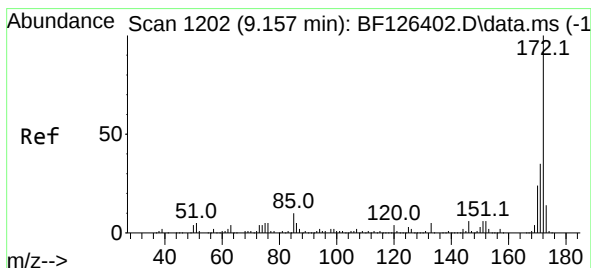
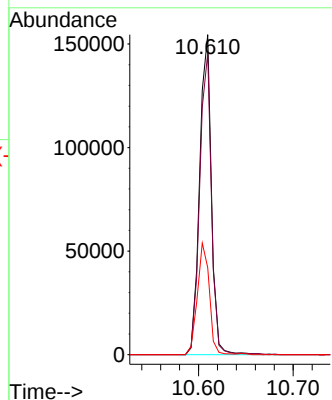
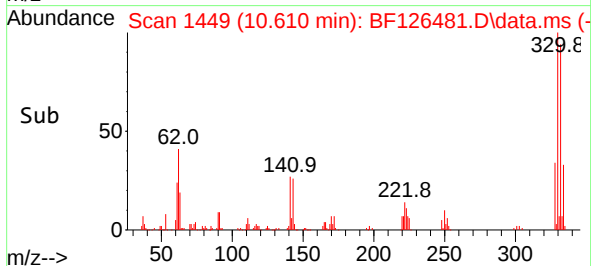


#42
2,4,6-Tribromophenol
Concen: 78.944 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF126481.D
Acq: 4 Jan 2022 22:10

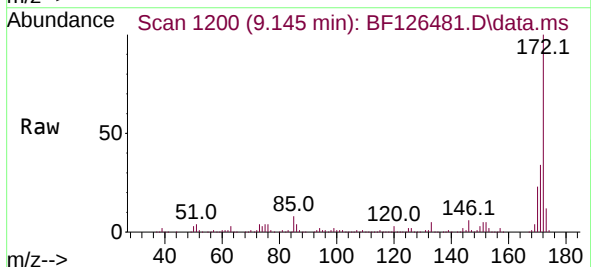
Instrument :
BNA_F
ClientSampleId :
SB-4-(8.5-9)



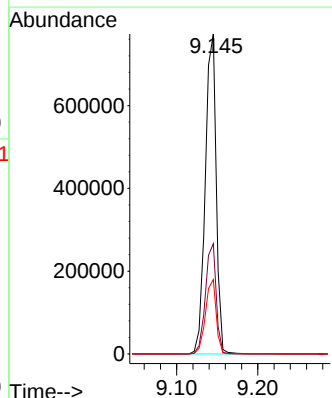
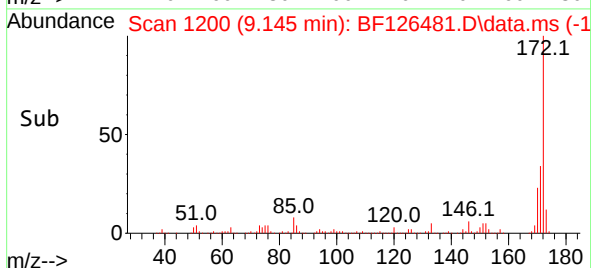
Tgt Ion:330 Resp: 134178
Ion Ratio Lower Upper
330 100
332 94.2 76.0 114.0
141 35.4 30.1 45.1

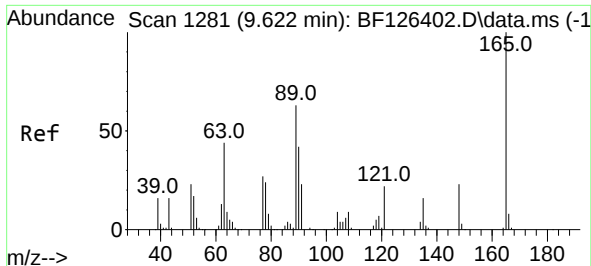


#45
2-Fluorobiphenyl
Concen: 57.719 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF126481.D
Acq: 4 Jan 2022 22:10



Tgt Ion:172 Resp: 721433
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.3 19.0 28.6

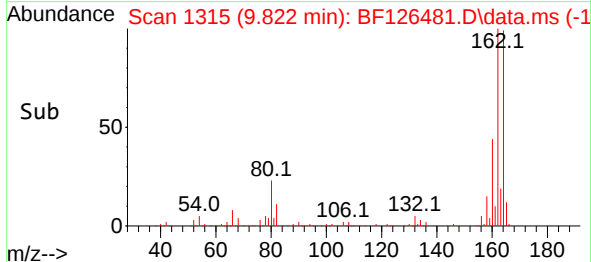
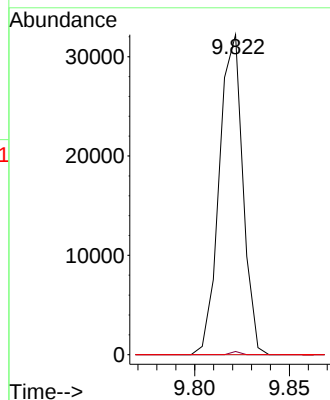
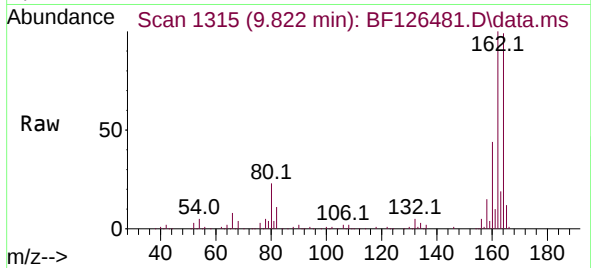




#51
2,6-Dinitrotoluene
Concen: 9.417 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.212 min
Lab File: BF126481.D
Acq: 4 Jan 2022 22:10

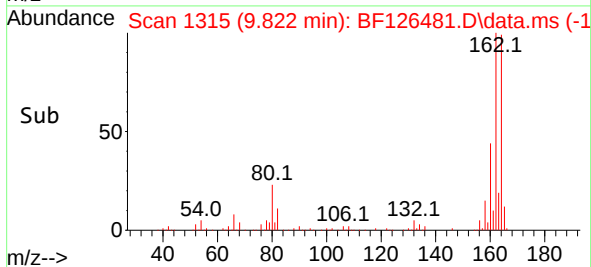
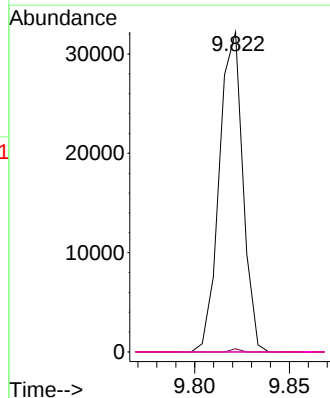
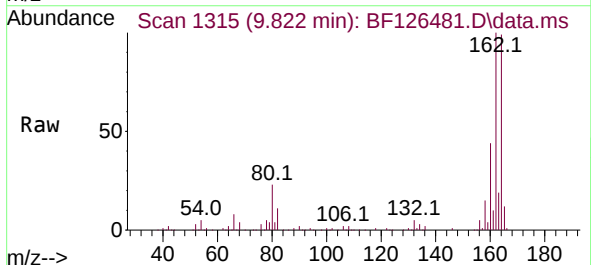
Instrument :
BNA_F
ClientSampleId :
SB-4-(8.5-9)

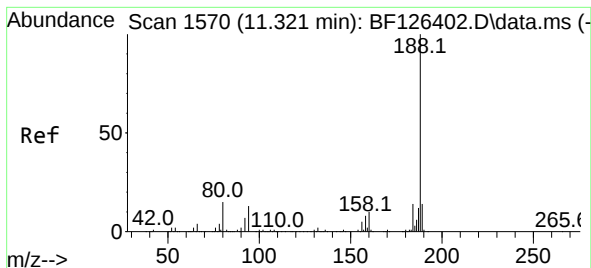
Tgt Ion:165 Resp: 27926
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 0.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.299 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF126481.D
Acq: 4 Jan 2022 22:10

Tgt Ion:165 Resp: 27926
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 0.0 71.0 106.4#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126481.D

Acq: 4 Jan 2022 22:10

Instrument :

BNA_F

ClientSampleId :

SB-4-(8.5-9)

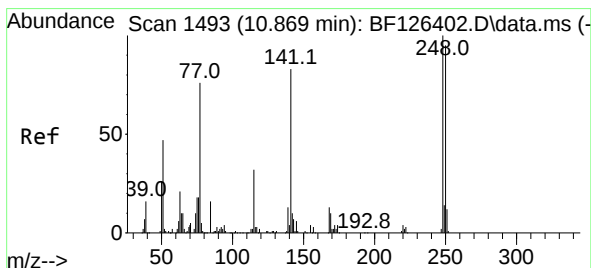
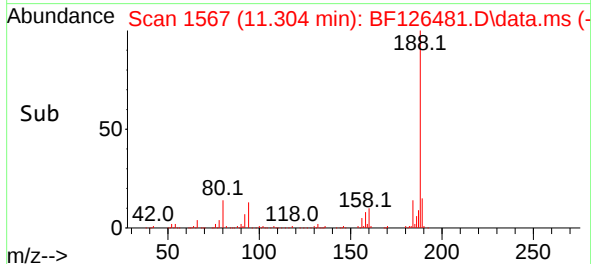
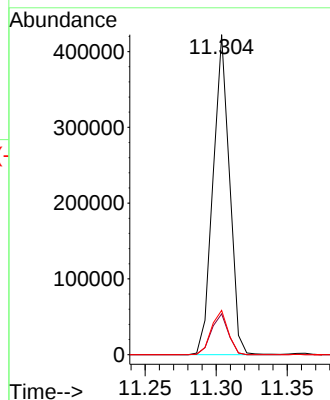
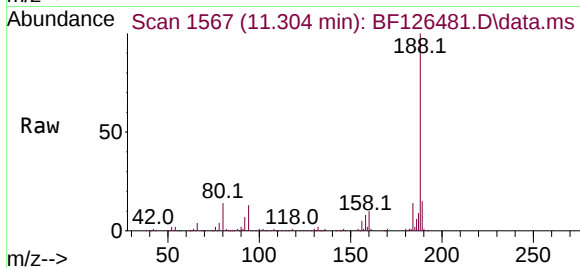
Tgt Ion:188 Resp: 339613

Ion Ratio Lower Upper

188 100

94 12.8 10.1 15.1

80 13.8 11.8 17.6



#67

4-Bromophenyl-phenylether

Concen: 2.550 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.247 min

Lab File: BF126481.D

Acq: 4 Jan 2022 22:10

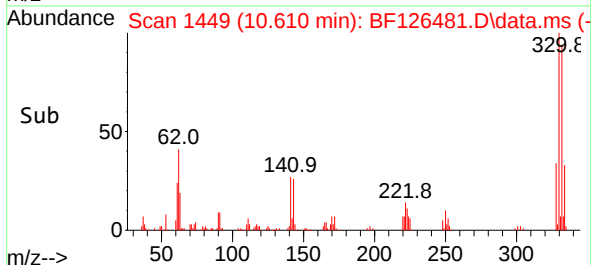
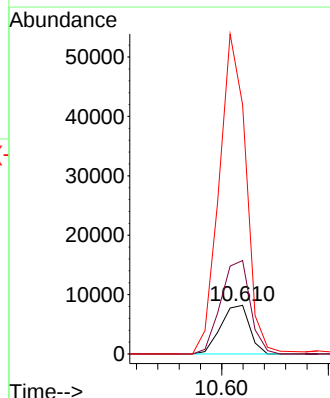
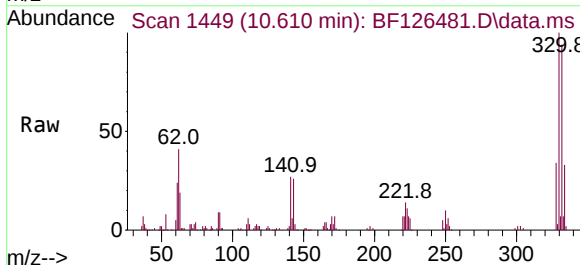
Tgt Ion:248 Resp: 7687

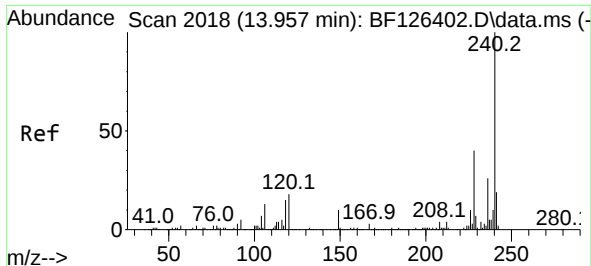
Ion Ratio Lower Upper

248 100

250 192.3 76.2 114.4#

141 513.3 66.2 99.4#

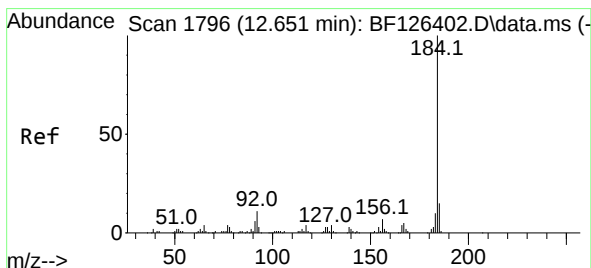
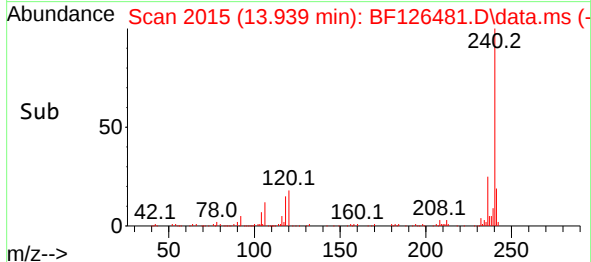
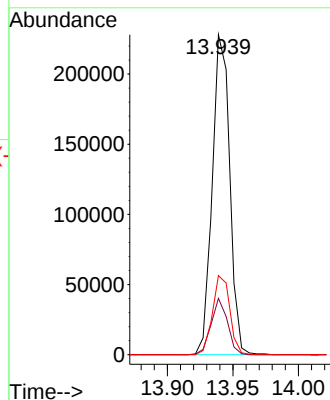
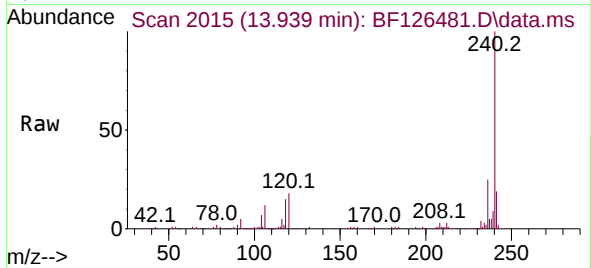




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126481.D
Acq: 4 Jan 2022 22:10

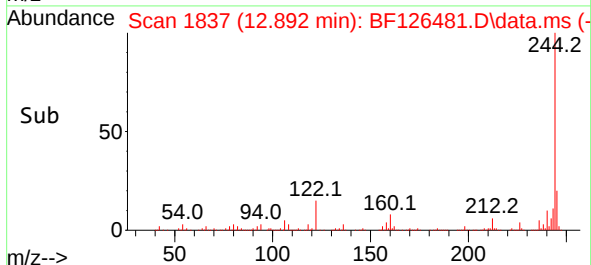
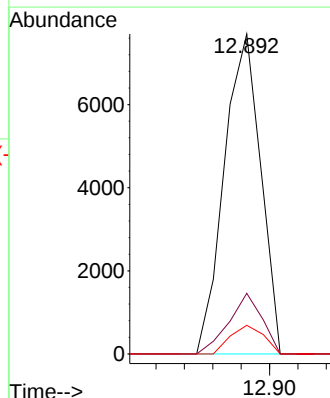
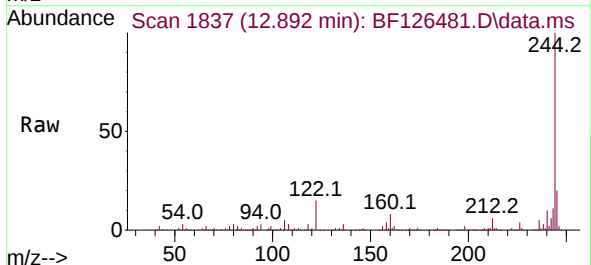
Instrument :
BNA_F
ClientSampleId :
SB-4-(8.5-9)

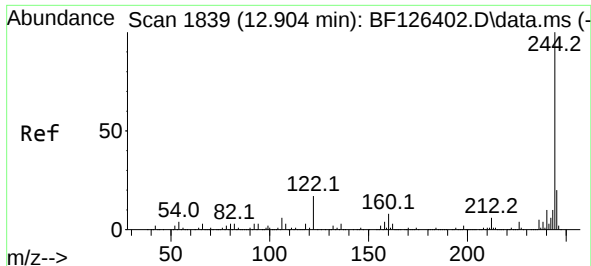
Tgt Ion:240 Resp: 211228
Ion Ratio Lower Upper
240 100
120 17.6 14.4 21.6
236 24.7 20.5 30.7



#77
Benzidine
Concen: Below Cal
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF126481.D
Acq: 4 Jan 2022 22:10

Tgt Ion:184 Resp: 6853
Ion Ratio Lower Upper
184 100
185 19.0 11.8 17.8#
183 9.0 8.2 12.2

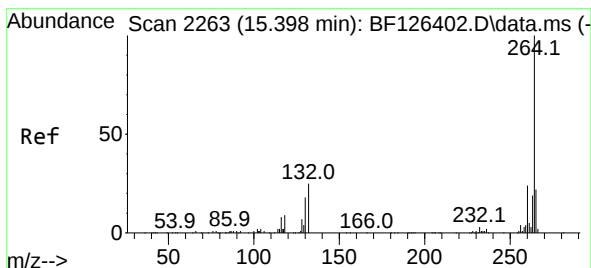
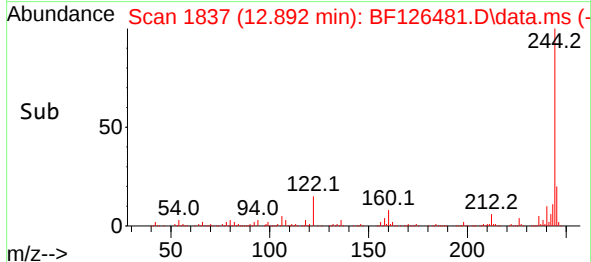
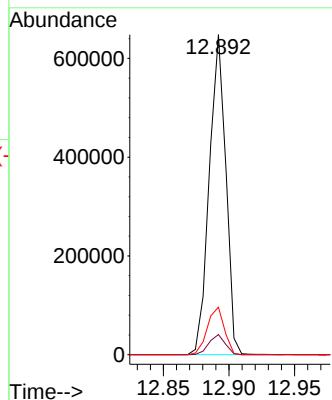
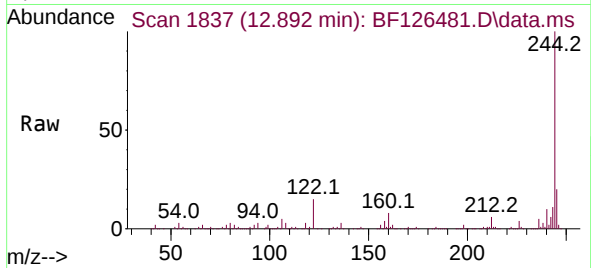




#79
 Terphenyl-d14
 Concen: 52.384 ng
 RT: 12.892 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126481.D
 Acq: 4 Jan 2022 22:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-(8.5-9)

Tgt Ion:244 Resp: 569499
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 14.8 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2260
 Delta R.T. -0.006 min
 Lab File: BF126481.D
 Acq: 4 Jan 2022 22:10

Tgt Ion:264 Resp: 195920
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 20.9 17.4 26.2

