

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101220\
 Data File : BF121931.D
 Acq On : 12 Oct 2020 21:50
 Operator : JU/CG
 Sample : L4341-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE

Quant Time: Oct 13 00:32:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 16:22:33 2020
 Response via : Initial Calibration

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

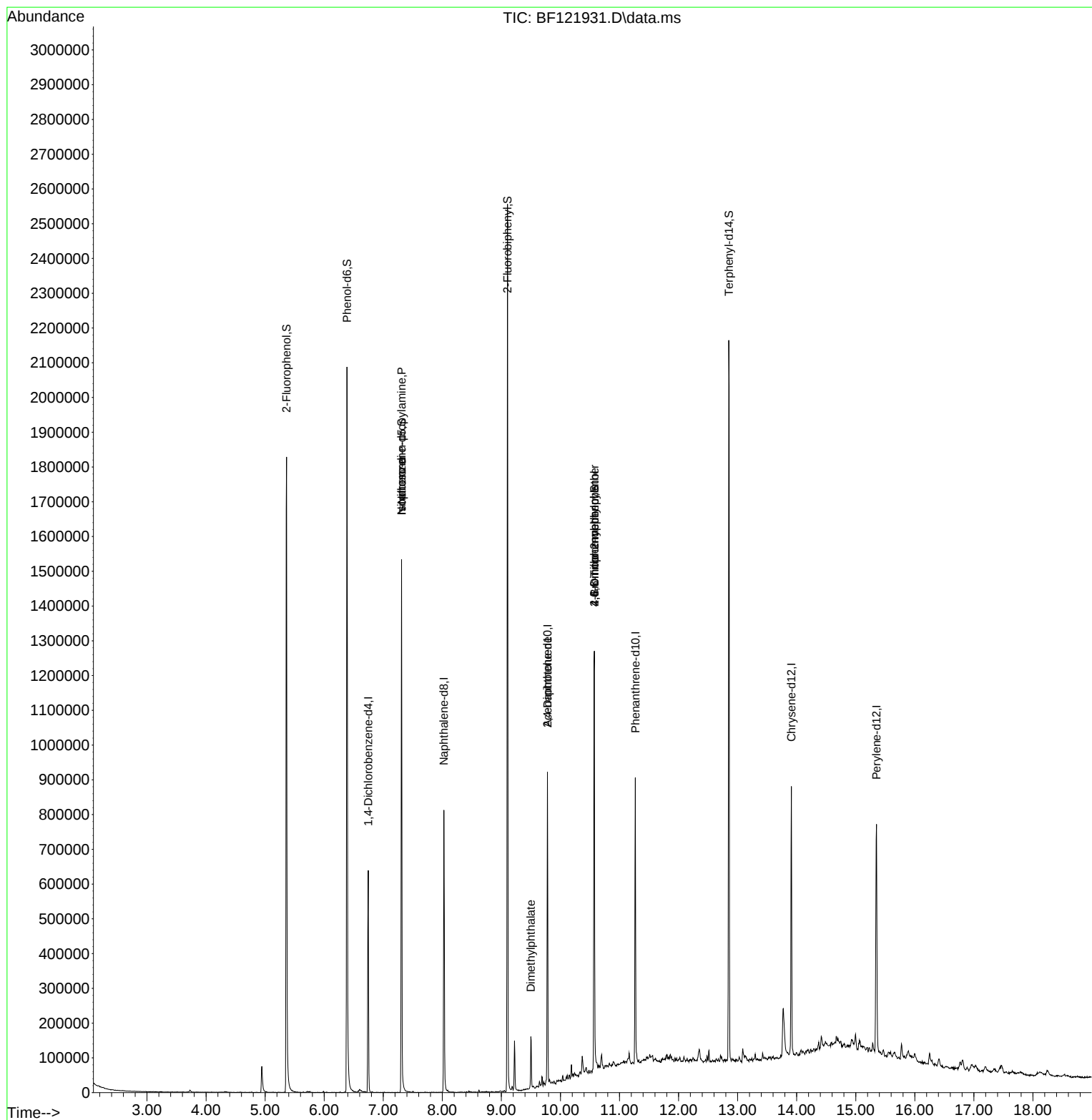
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	91645	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	346830	20.00	ng	0.00
39) Acenaphthene-d10	9.781	164	160922	20.00	ng	0.00
64) Phenanthrene-d10	11.269	188	274795	20.00	ng	0.00
76) Chrysene-d12	13.910	240	259927	20.00	ng	0.00
86) Perylene-d12	15.351	264	278746	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	552957	89.05	ng	0.00
7) Phenol-d6	6.387	99	675935	84.56	ng	-0.01
23) Nitrobenzene-d5	7.310	82	455829	67.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	164841	82.81	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	744848	68.10	ng	0.00
79) Terphenyl-d14	12.851	244	661989	48.54	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.387	77	899	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.310	70	60156	13.22	ng	# 79
25) Isophorone	7.310	82	455824	35.65	ng	# 67
50) Dimethylphthalate	9.498	163	61655	5.24	ng	99
57) 2,4-Dinitrotoluene	9.781	165	21560	6.78	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.575	198	295	4.58	ng	# 1
67) 4-Bromophenyl-phenylether	10.575	248	9580	3.02	ng	# 1

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

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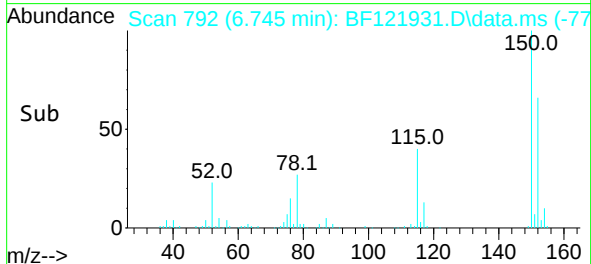
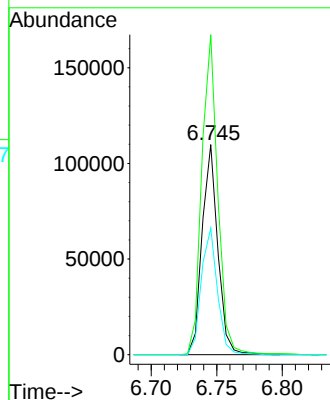
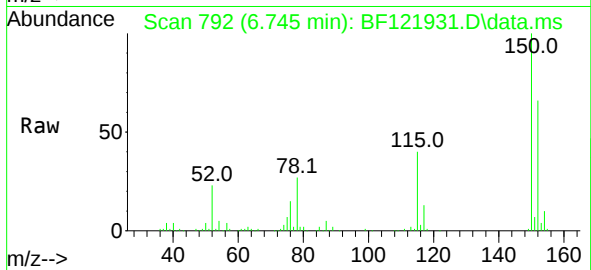




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF121931.D
Acq: 12 Oct 2020 21:50

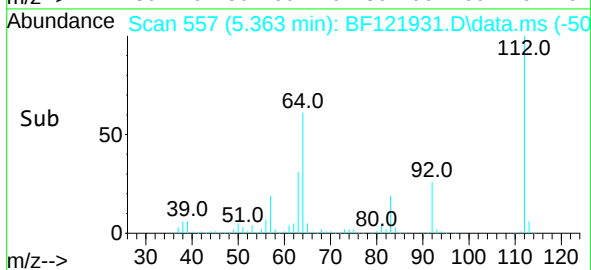
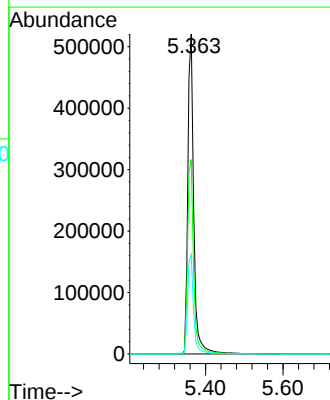
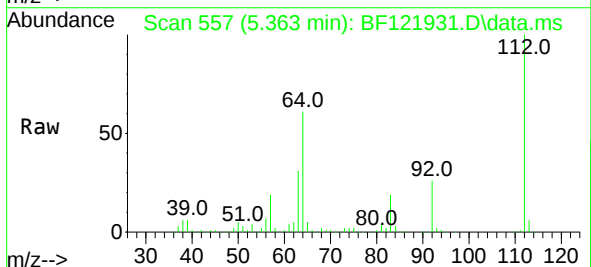
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

Tgt Ion:152 Resp: 91645
Ion Ratio Lower Upper
152 100
150 152.4 125.3 187.9
115 60.3 51.9 77.9



#5
2-Fluorophenol
Concen: 89.05 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF121931.D
Acq: 12 Oct 2020 21:50

Tgt Ion:112 Resp: 552957
Ion Ratio Lower Upper
112 100
64 60.8 50.4 75.6
63 31.0 25.8 38.6

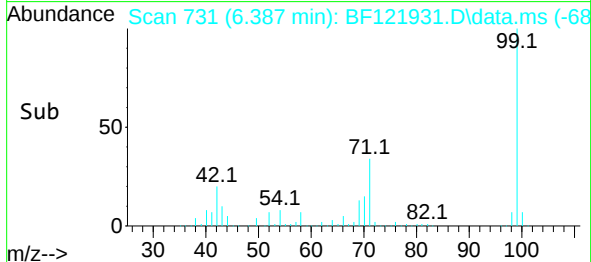
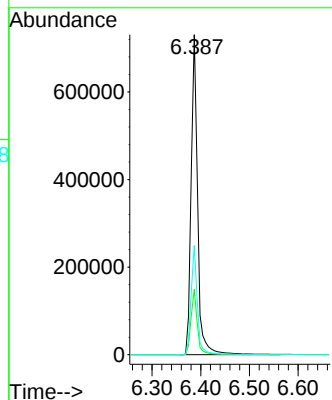
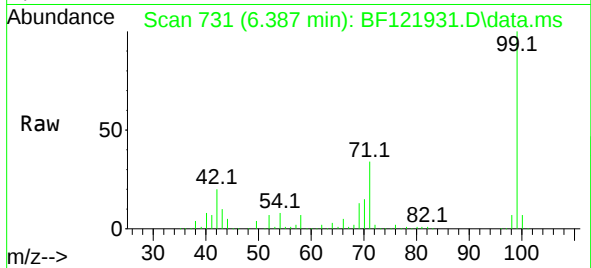




#7
Phenol-d6
Concen: 84.56 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121931.D
Acq: 12 Oct 2020 21:50

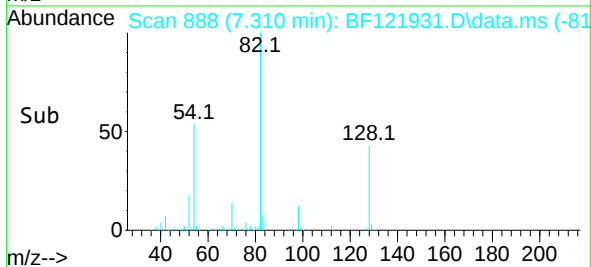
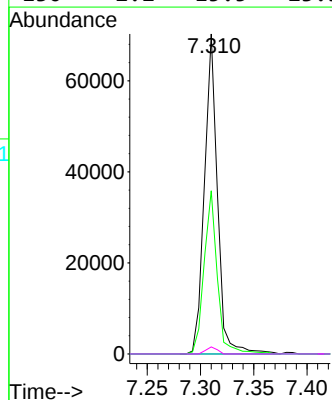
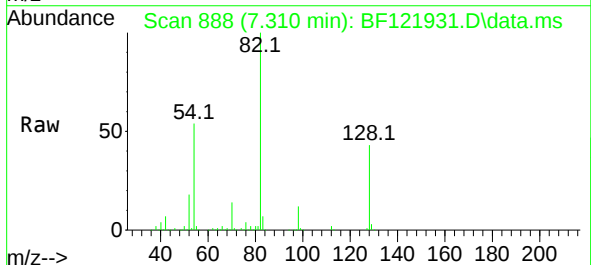
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

Tgt Ion: 99 Resp: 675935
Ion Ratio Lower Upper
99 100
42 20.4 15.9 23.9
71 34.1 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.22 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.141 min
Lab File: BF121931.D
Acq: 12 Oct 2020 21:50

Tgt Ion: 70 Resp: 60156
Ion Ratio Lower Upper
70 100
42 51.0 50.2 75.4
101 0.0 7.5 11.3#
130 2.2 15.5 23.3#



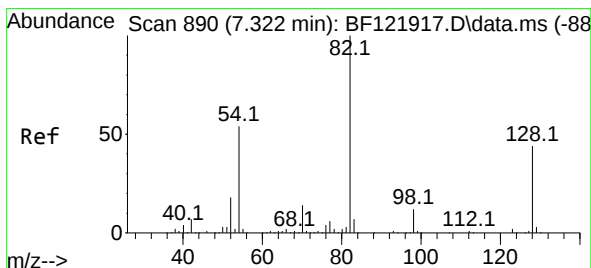
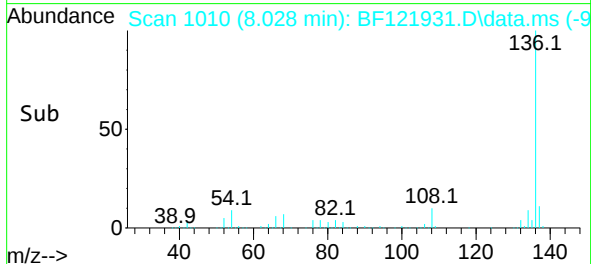
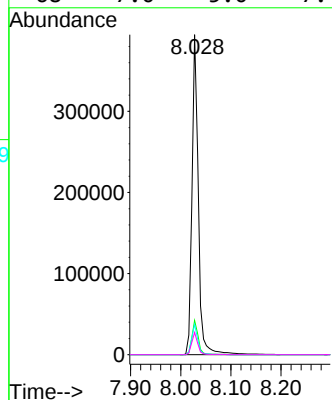
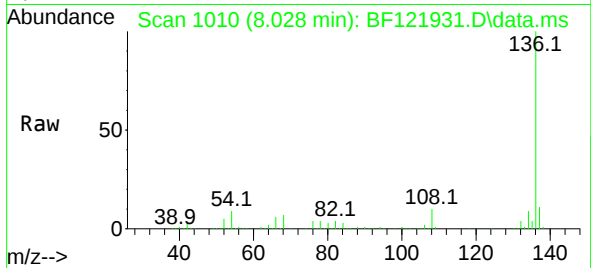


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121931.D
Acq: 12 Oct 2020 21:50

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

Tgt Ion:136 Resp: 346830

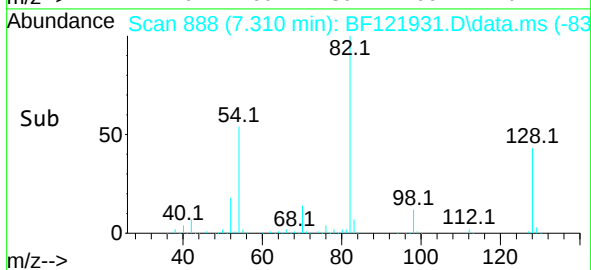
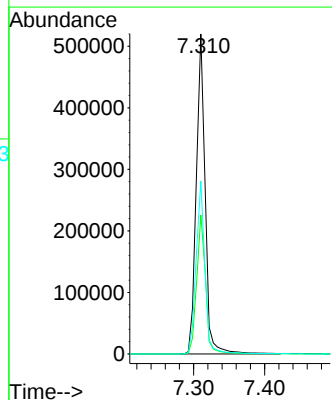
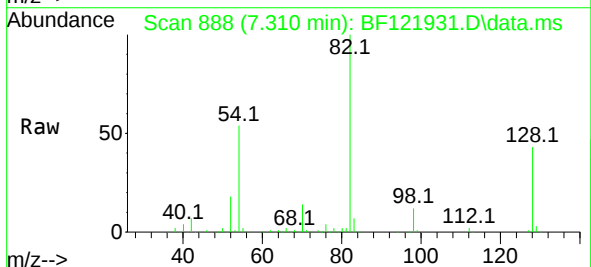
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.4	7.1	10.7
68	7.0	5.0	7.4

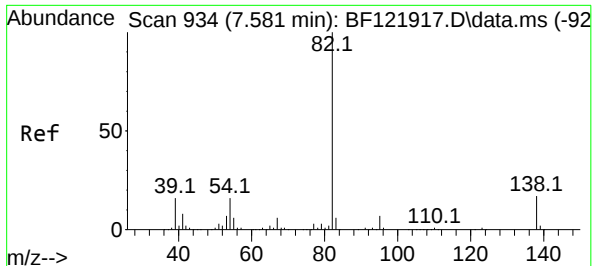


#23
Nitrobenzene-d5
Concen: 67.40 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF121931.D
Acq: 12 Oct 2020 21:50

Tgt Ion: 82 Resp: 455829

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.0	52.4
54	54.1	43.9	65.9

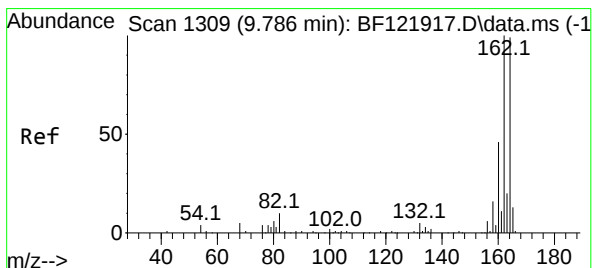
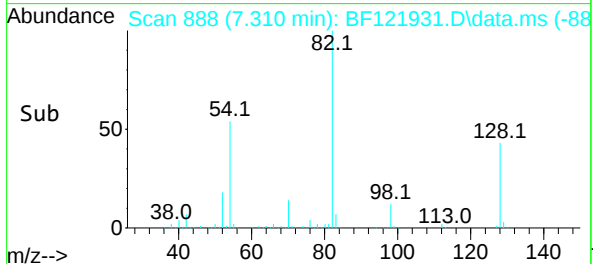
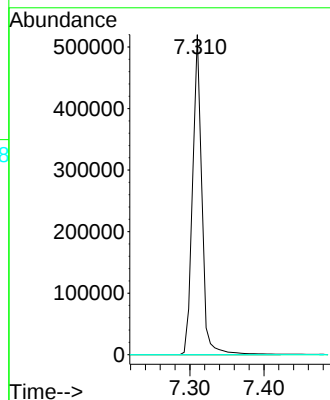
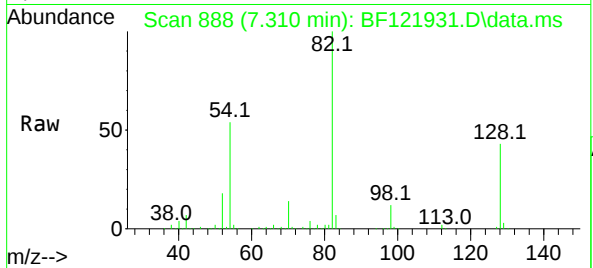




#25
Isophorone
Concen: 35.65 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.271 min
Lab File: BF121931.D
Acq: 12 Oct 2020 21:50

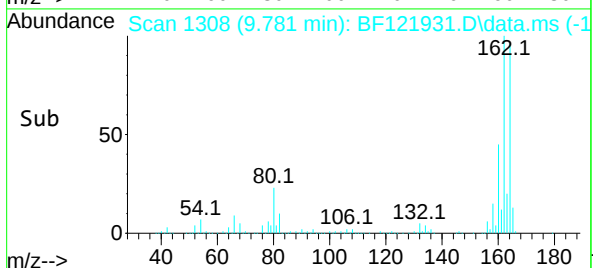
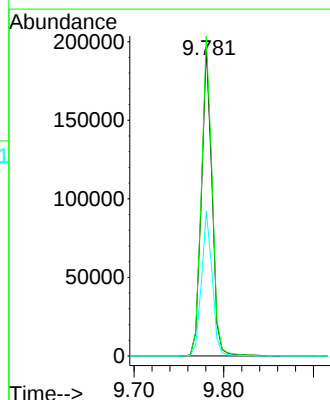
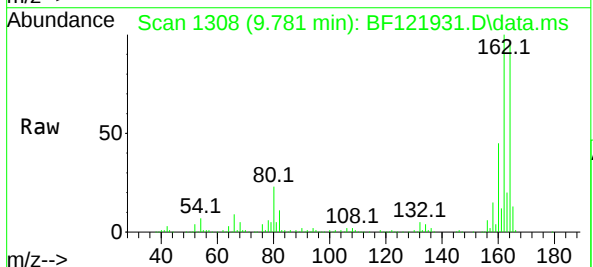
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

Tgt Ion: 82 Resp: 455824
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.005 min
Lab File: BF121931.D
Acq: 12 Oct 2020 21:50

Tgt Ion: 164 Resp: 160922
Ion Ratio Lower Upper
164 100
162 103.7 83.2 124.8
160 46.9 37.5 56.3

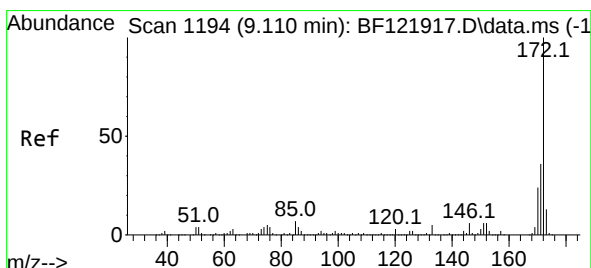
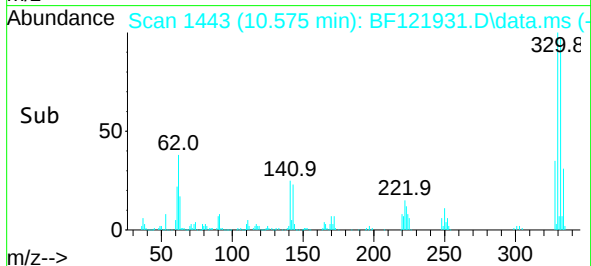
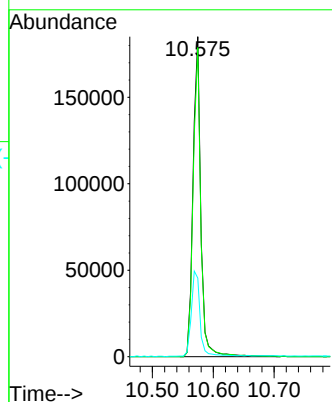
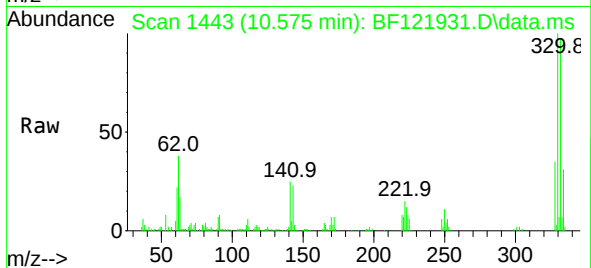




#42
2,4,6-Tribromophenol
Concen: 82.81 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF121931.D
Acq: 12 Oct 2020 21:50

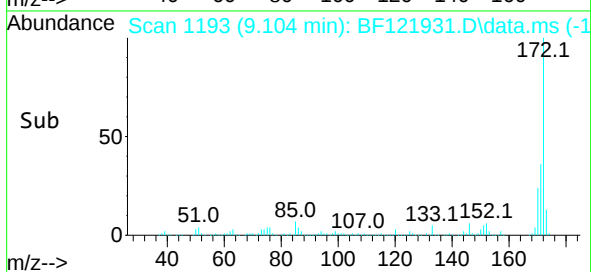
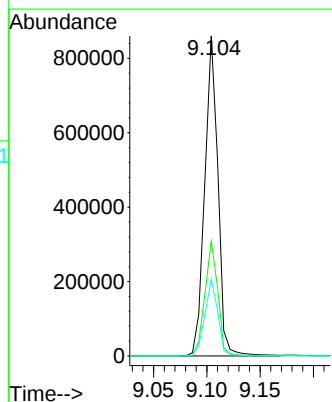
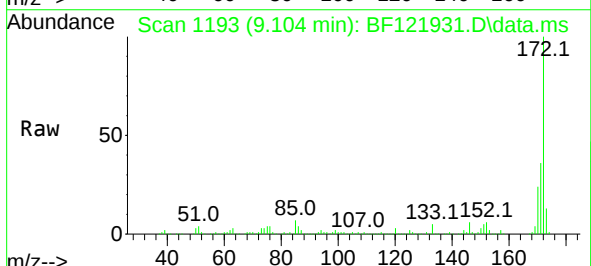
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

Tgt Ion:330 Resp: 164841
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 30.9 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 68.10 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF121931.D
Acq: 12 Oct 2020 21:50

Tgt Ion:172 Resp: 744848
Ion Ratio Lower Upper
172 100
171 35.9 29.1 43.7
170 23.9 19.8 29.6

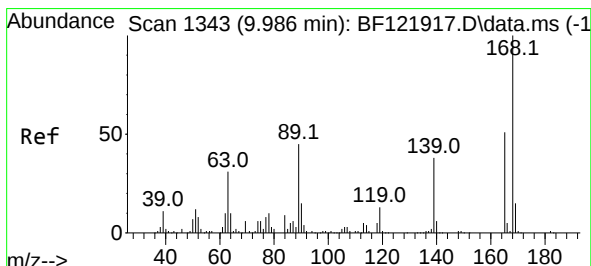
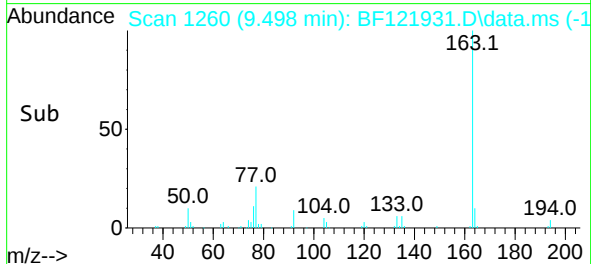
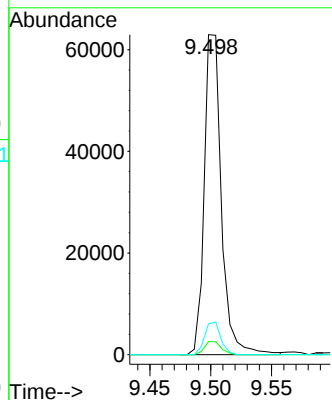
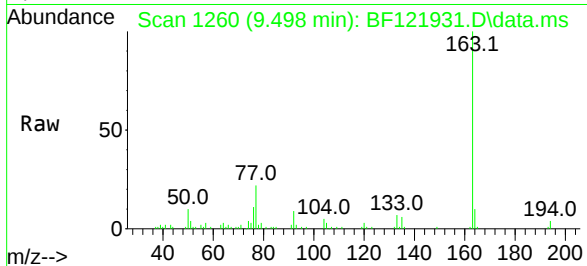




#50
Dimethylphthalate
Concen: 5.24 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.018 min
Lab File: BF121931.D
Acq: 12 Oct 2020 21:50

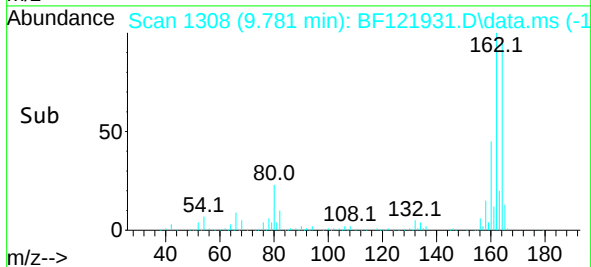
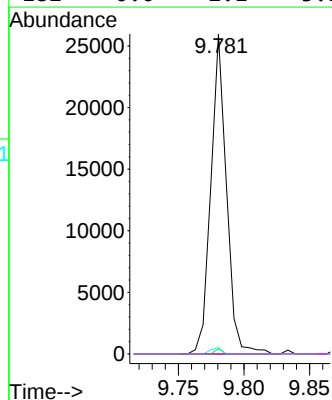
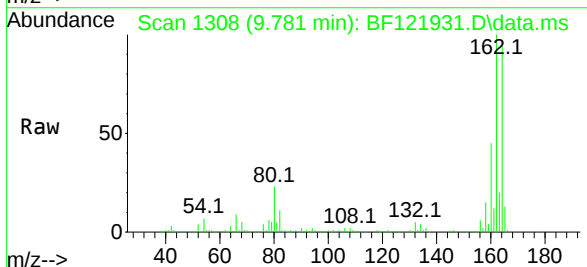
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

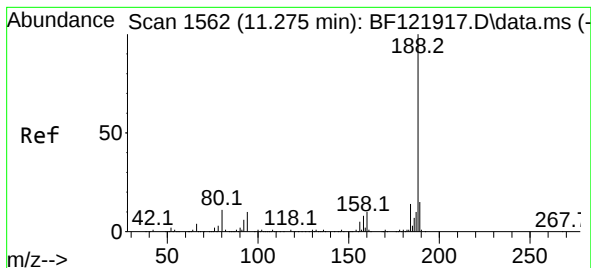
Tgt Ion:163 Resp: 61655
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.7 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.78 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.206 min
Lab File: BF121931.D
Acq: 12 Oct 2020 21:50

Tgt Ion:165 Resp: 21560
Ion Ratio Lower Upper
165 100
63 1.6 41.3 61.9#
89 2.0 61.8 92.8#
182 0.0 2.1 3.1#

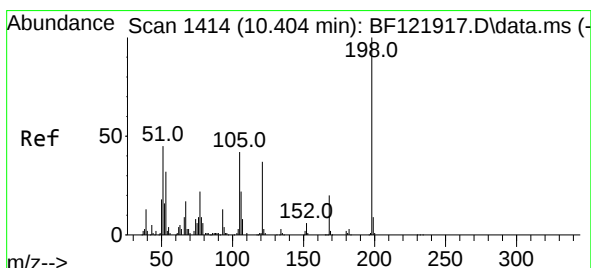
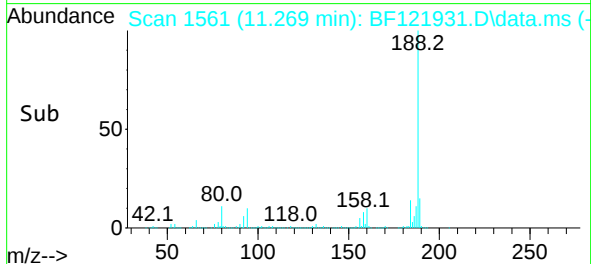
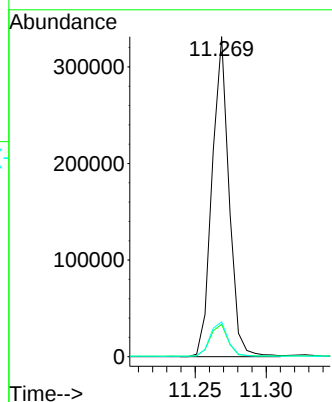
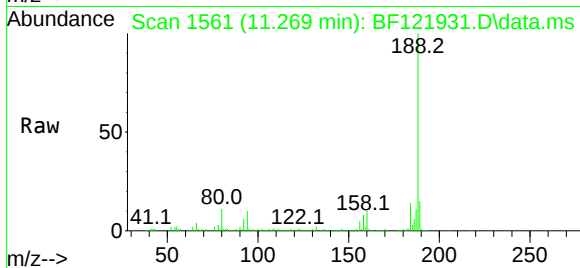




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF121931.D
Acq: 12 Oct 2020 21:50

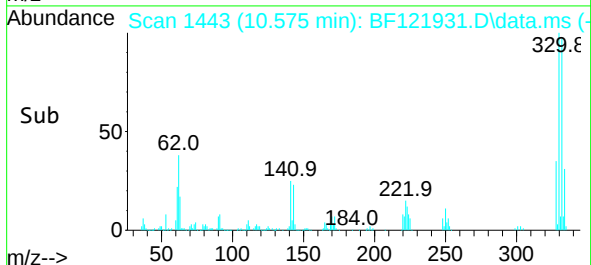
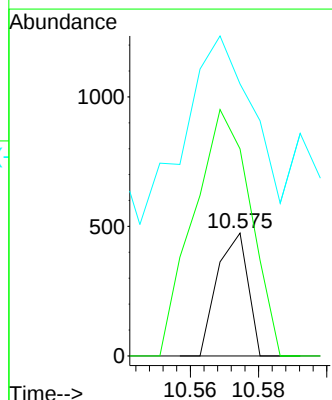
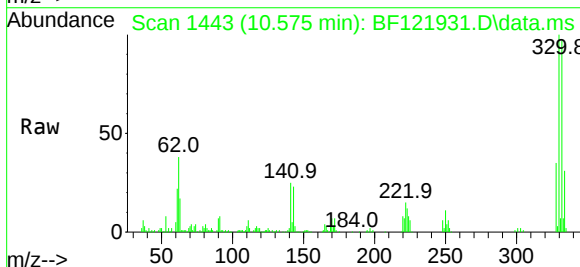
Instrument :
BNA_F
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STOCK-PILE

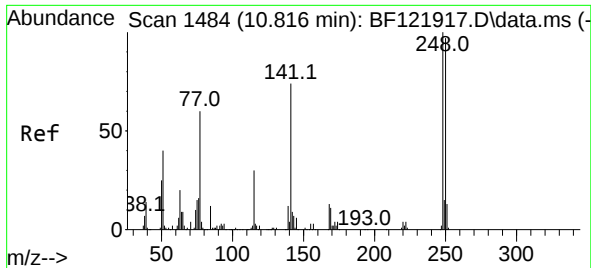
Tgt Ion:188 Resp: 274795
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 10.9 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.58 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.171 min
Lab File: BF121931.D
Acq: 12 Oct 2020 21:50

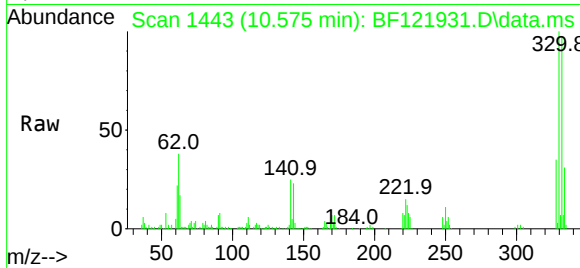
Tgt Ion:198 Resp: 295
Ion Ratio Lower Upper
198 100
51 168.6 29.6 69.6#
105 221.5 24.4 64.4#



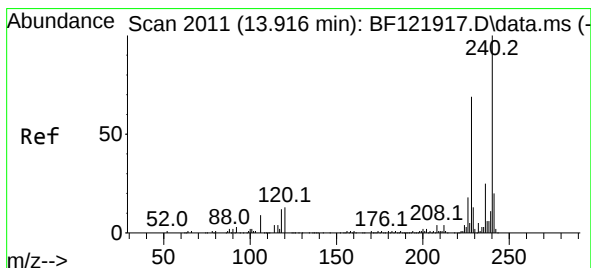
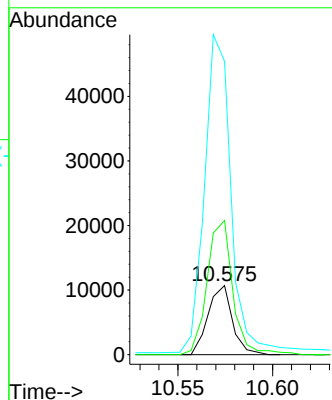
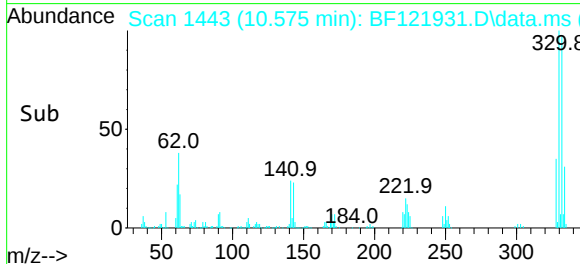


#67
4-Bromophenyl-phenylether
Concen: 3.02 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.241 min
Lab File: BF121931.D
Acq: 12 Oct 2020 21:50

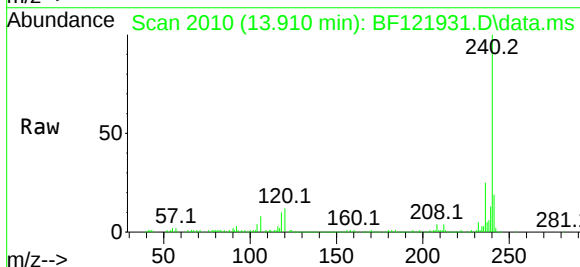
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE



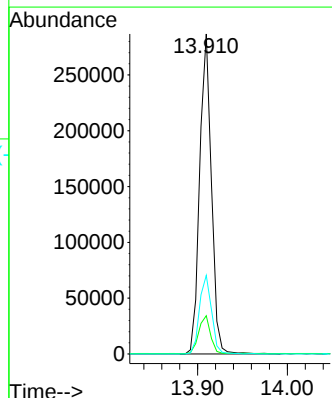
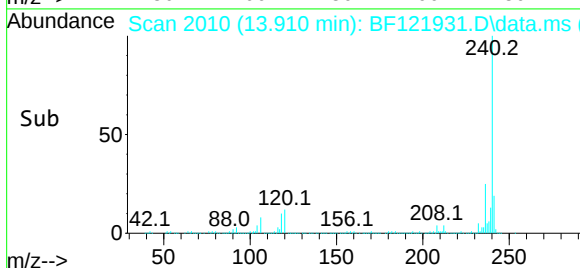
Tgt Ion:248 Resp: 9580
Ion Ratio Lower Upper
248 100
250 194.1 77.0 115.6#
141 424.6 53.7 80.5#

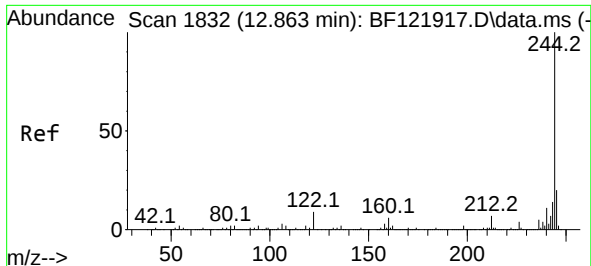


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF121931.D
Acq: 12 Oct 2020 21:50



Tgt Ion:240 Resp: 259927
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 24.5 20.9 31.3

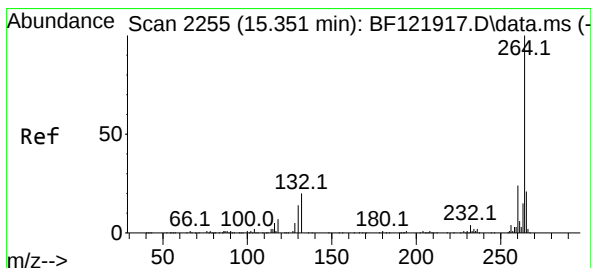
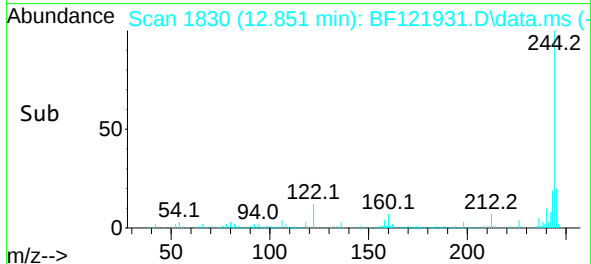
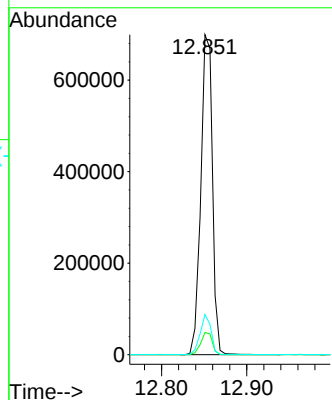
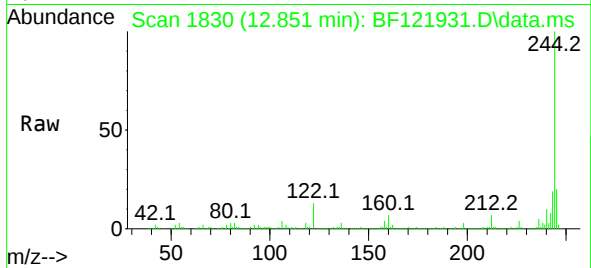




#79
 Terphenyl-d14
 Concen: 48.54 ng
 RT: 12.851 min Scan# 1830
 Delta R.T. -0.012 min
 Lab File: BF121931.D
 Acq: 12 Oct 2020 21:50

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE

Tgt Ion:244 Resp: 661989
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 12.6 8.1 12.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.351 min Scan# 2255
 Delta R.T. 0.000 min
 Lab File: BF121931.D
 Acq: 12 Oct 2020 21:50

Tgt Ion:264 Resp: 278746
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 21.0 17.3 25.9

