

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030422\
 Data File : BF127203.D
 Acq On : 04 Mar 2022 16:19
 Operator : CG\JU
 Sample : N1750-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Mar 05 02:20:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

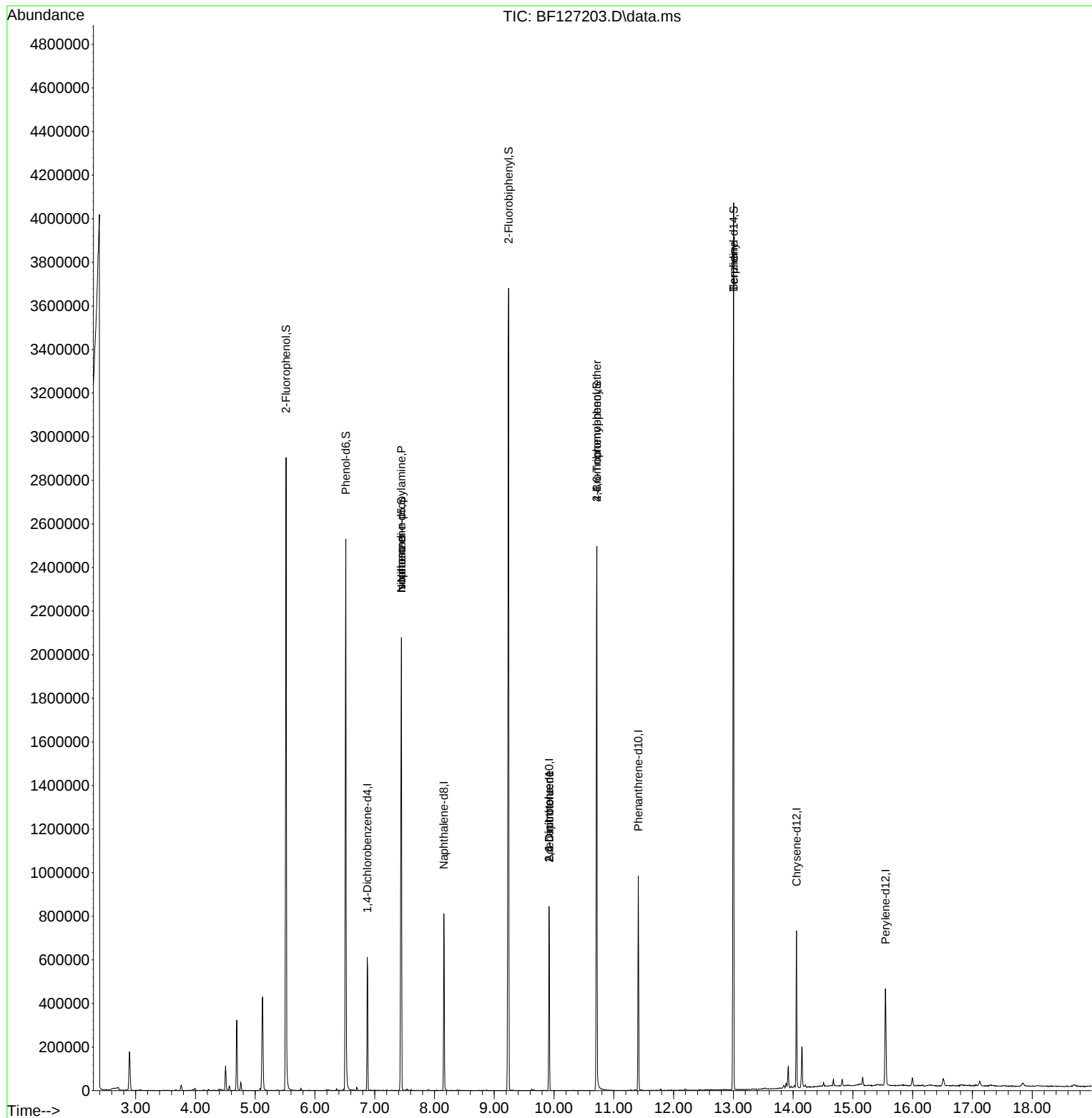
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	85966	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	336812	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	164742	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	303130	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	217807	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	177306	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	730950	131.417	ng	0.02
7) Phenol-d6	6.516	99	852930	113.645	ng	0.00
23) Nitrobenzene-d5	7.445	82	708100	94.895	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	321694	169.600	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1178261	105.291	ng	0.00
79) Terphenyl-d14	13.004	244	1382885	93.335	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	96971	20.051	ng	# 77
25) Isophorone	7.445	82	708096	57.347	ng	# 69
51) 2,6-Dinitrotoluene	9.916	165	21404	8.934	ng	# 21
57) 2,4-Dinitrotoluene	9.916	165	21404	6.608	ng	# 15
67) 4-Bromophenyl-phenylether	10.716	248	19756	5.833	ng	# 1
77) Benzidine	13.004	184	19732	3.334	ng	# 96

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

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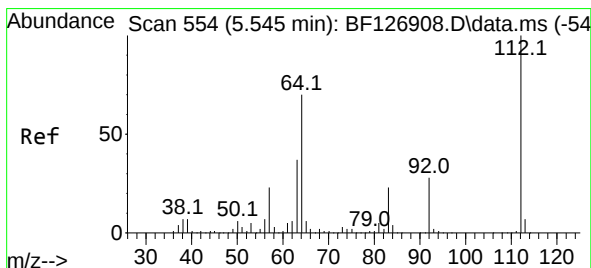
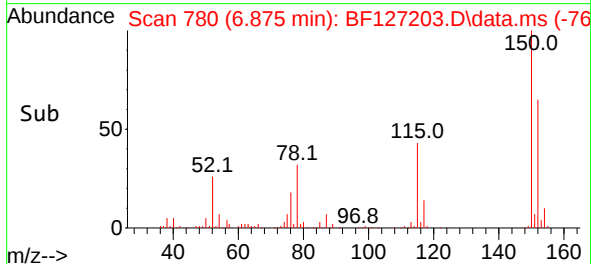
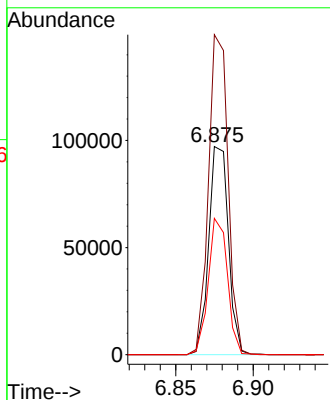
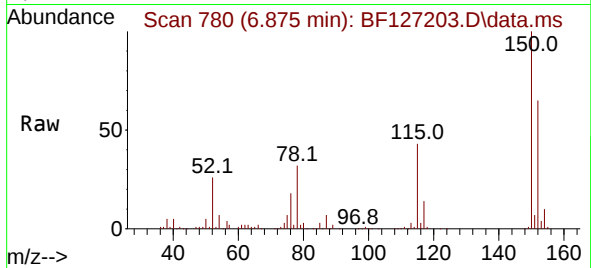




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127203.D
Acq: 04 Mar 2022 16:19

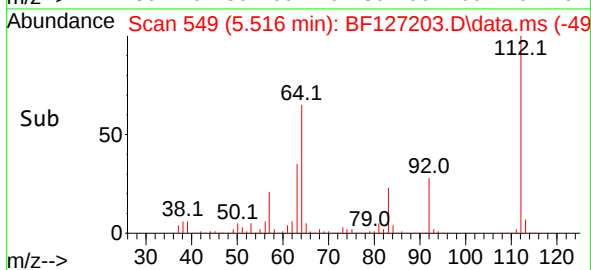
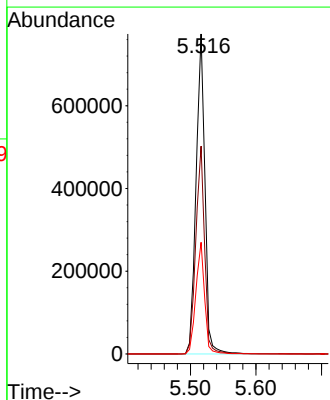
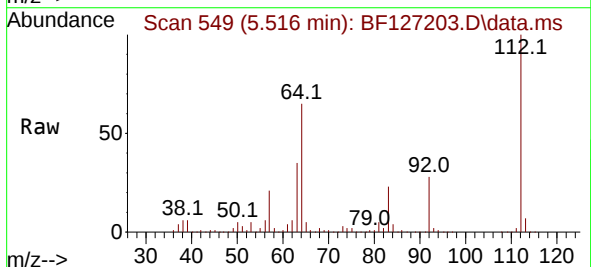
Instrument :
BNA_F
ClientSampleId :
WC-2

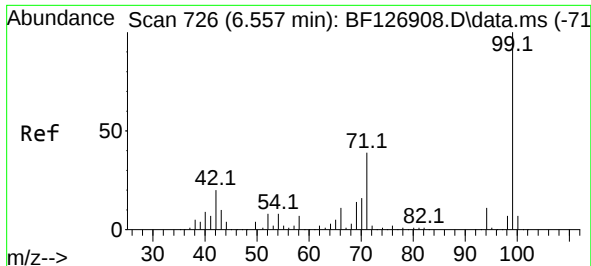
Tgt Ion:152 Resp: 85966
Ion Ratio Lower Upper
152 100
150 153.7 128.1 192.1
115 65.5 56.7 85.1



#5
2-Fluorophenol
Concen: 131.417 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.018 min
Lab File: BF127203.D
Acq: 04 Mar 2022 16:19

Tgt Ion:112 Resp: 730950
Ion Ratio Lower Upper
112 100
64 65.0 49.5 74.3
63 34.9 23.9 35.9

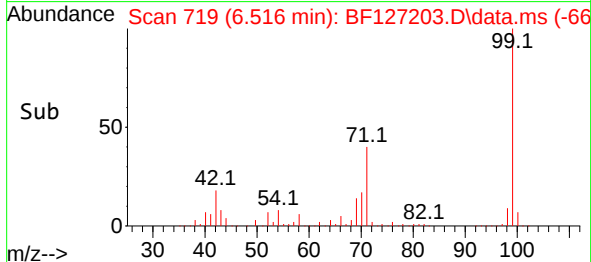
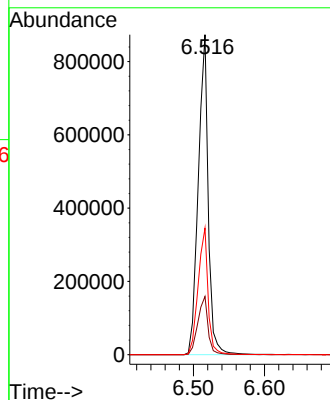
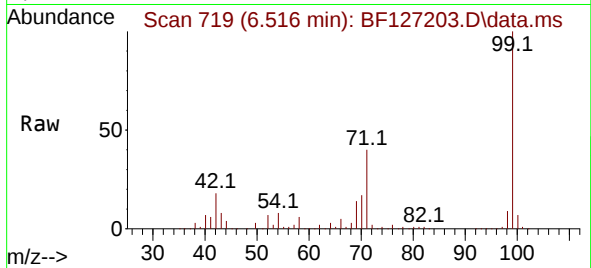




#7
Phenol-d6
Concen: 113.645 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127203.D
Acq: 04 Mar 2022 16:19

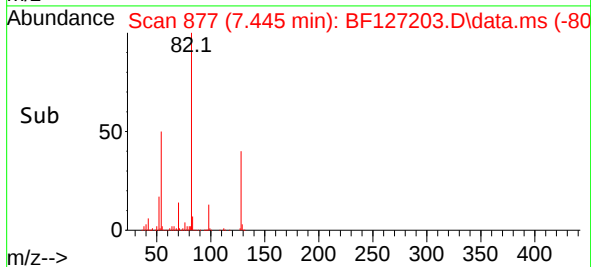
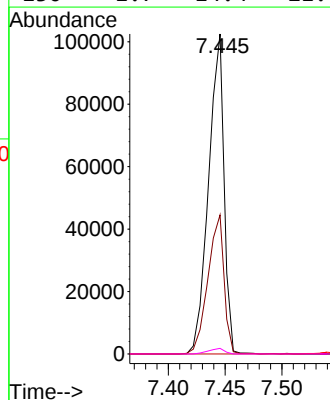
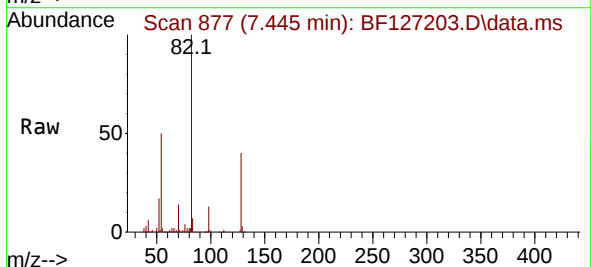
Instrument :
BNA_F
ClientSampleId :
WC-2

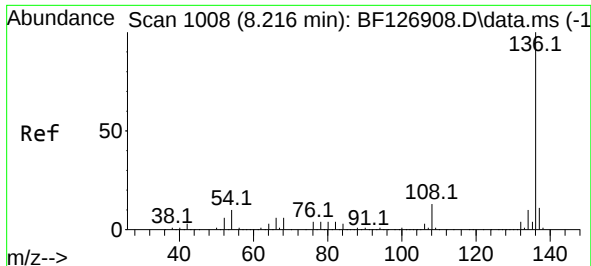
Tgt Ion: 99 Resp: 852930
Ion Ratio Lower Upper
99 100
42 18.2 14.2 21.4
71 39.5 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 20.051 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.153 min
Lab File: BF127203.D
Acq: 04 Mar 2022 16:19

Tgt Ion: 70 Resp: 96971
Ion Ratio Lower Upper
70 100
42 43.5 45.8 68.8#
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#

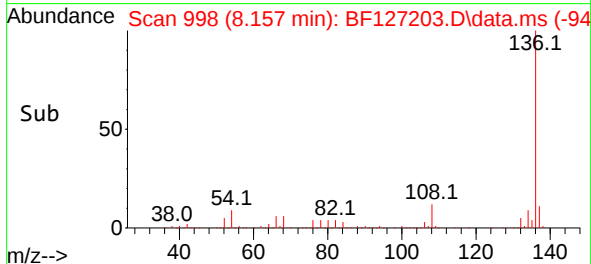
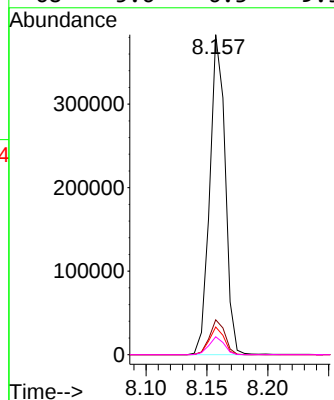
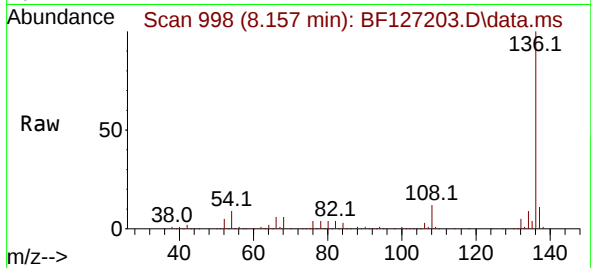




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127203.D
Acq: 04 Mar 2022 16:19

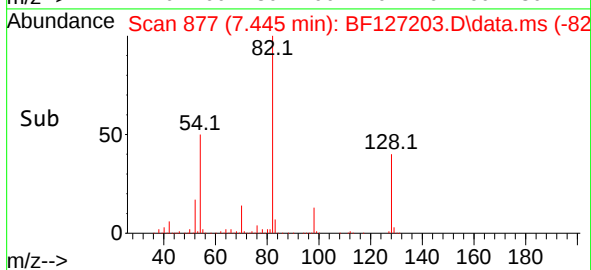
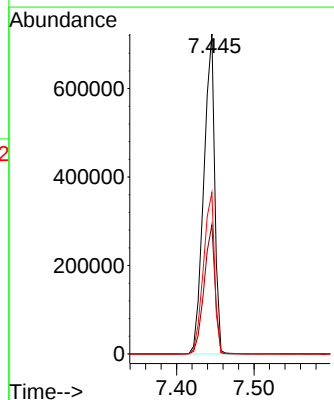
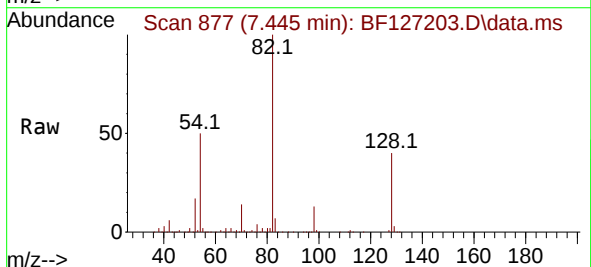
Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion:136 Resp: 336812
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 7.8 11.6
68 5.6 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 94.895 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF127203.D
Acq: 04 Mar 2022 16:19

Tgt Ion: 82 Resp: 708100
Ion Ratio Lower Upper
82 100
128 40.4 32.7 49.1
54 50.4 41.7 62.5

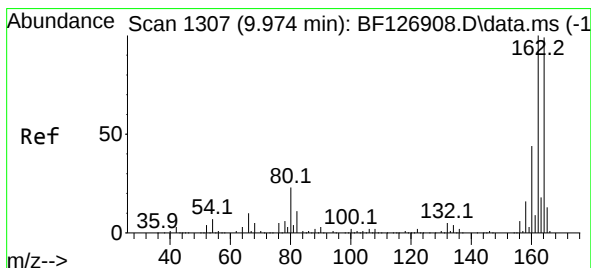
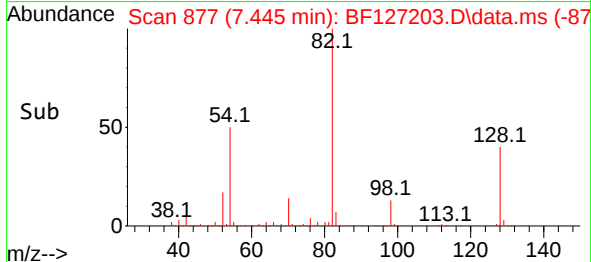
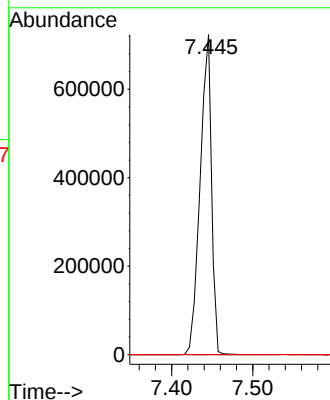
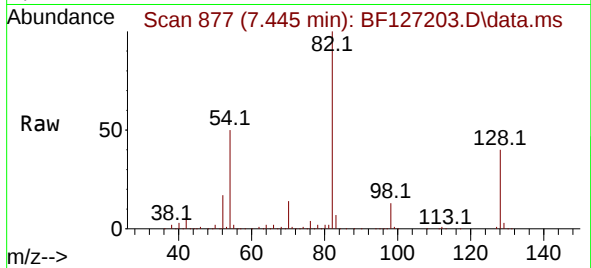




#25
Isophorone
Concen: 57.347 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127203.D
Acq: 04 Mar 2022 16:19

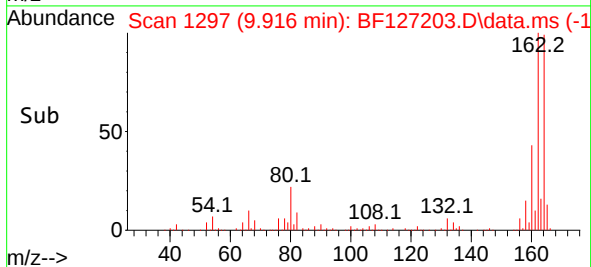
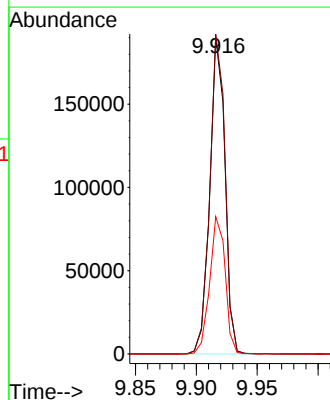
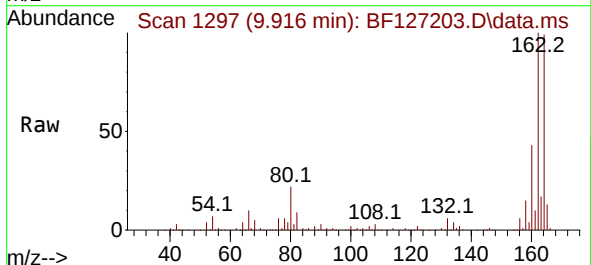
Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion: 82 Resp: 708096
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: 9.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF127203.D
Acq: 04 Mar 2022 16:19

Tgt Ion:164 Resp: 164742
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 43.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 169.600 ng

RT: 10.716 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF127203.D

Acq: 04 Mar 2022 16:19

Instrument :

BNA_F

ClientSampleId :

WC-2

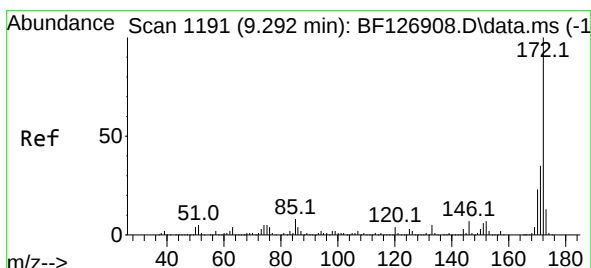
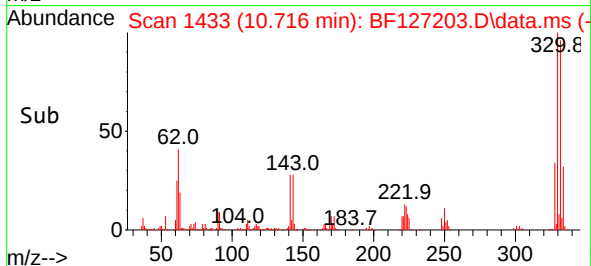
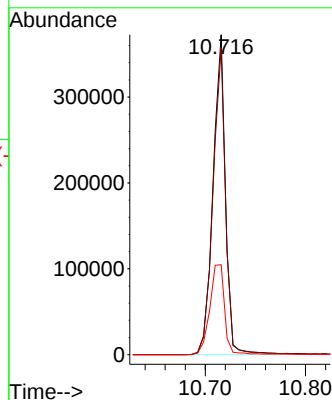
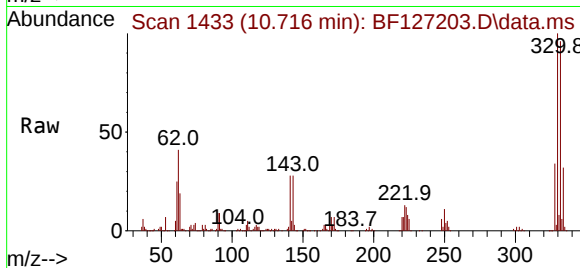
Tgt Ion:330 Resp: 321694

Ion Ratio Lower Upper

330 100

332 97.9 76.0 114.0

141 34.0 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 105.291 ng

RT: 9.239 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF127203.D

Acq: 04 Mar 2022 16:19

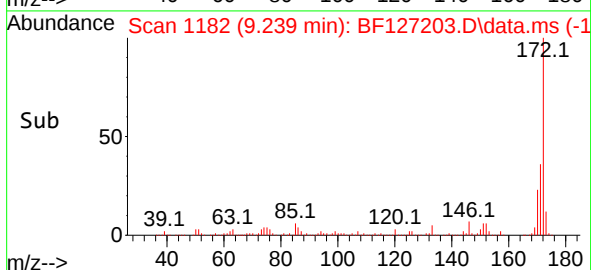
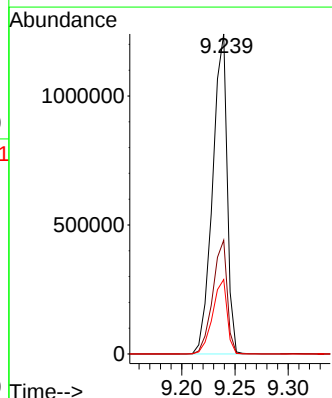
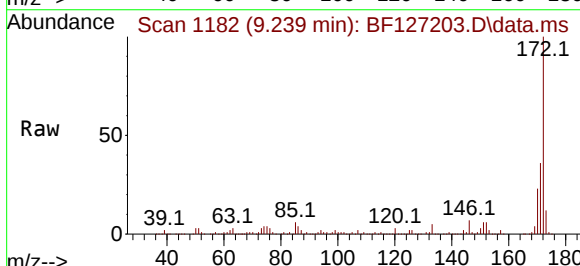
Tgt Ion:172 Resp: 1178261

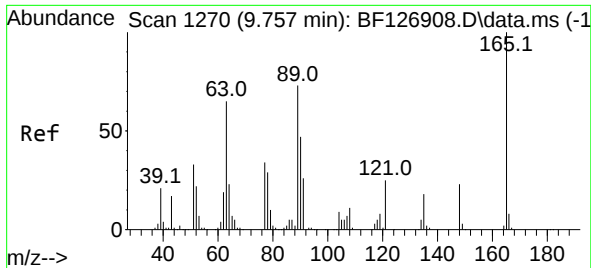
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.3 19.0 28.6

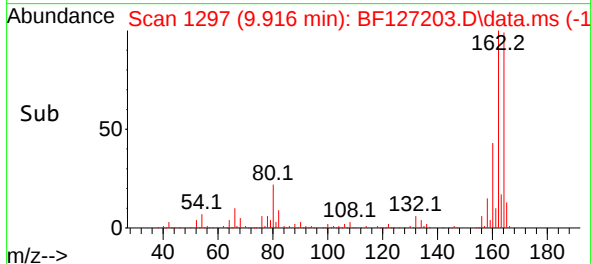
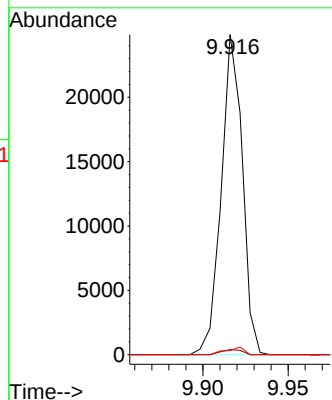
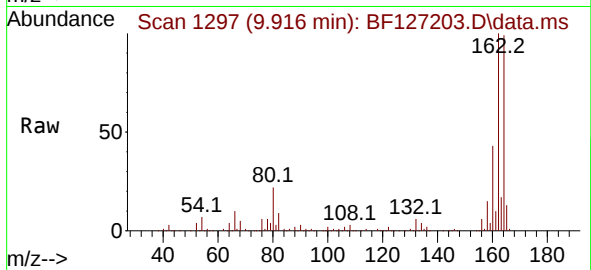




#51
2,6-Dinitrotoluene
Concen: 8.934 ng
RT: 9.916 min Scan# 1297
Delta R.T. 0.206 min
Lab File: BF127203.D
Acq: 04 Mar 2022 16:19

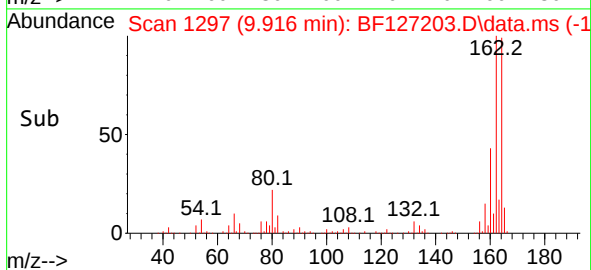
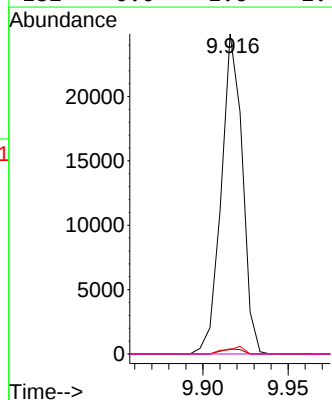
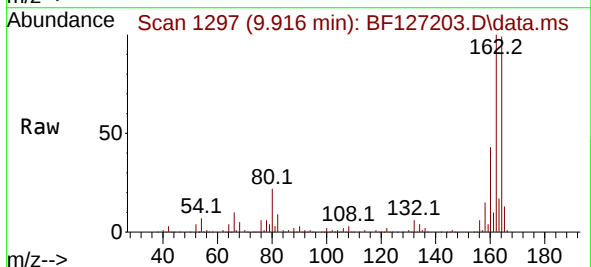
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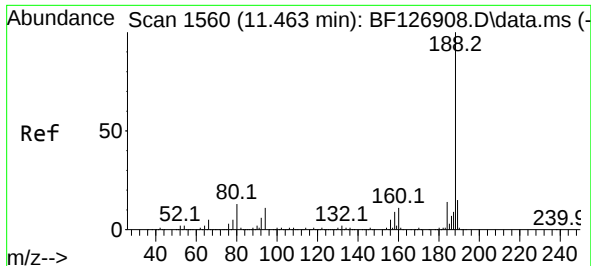
Tgt Ion:165 Resp: 21404
Ion Ratio Lower Upper
165 100
63 1.6 48.4 72.6#
89 1.3 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.608 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.200 min
Lab File: BF127203.D
Acq: 04 Mar 2022 16:19

Tgt Ion:165 Resp: 21404
Ion Ratio Lower Upper
165 100
63 1.6 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#

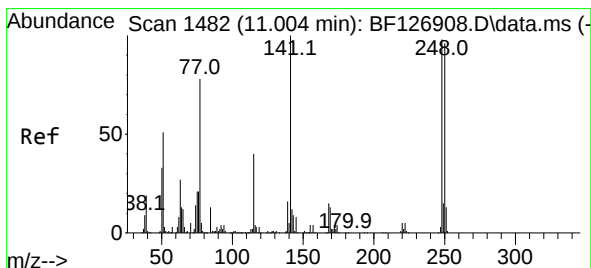
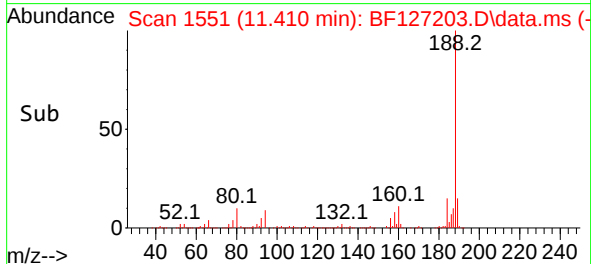
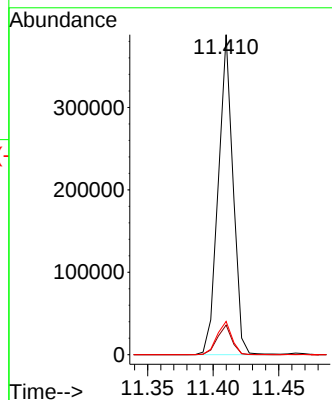
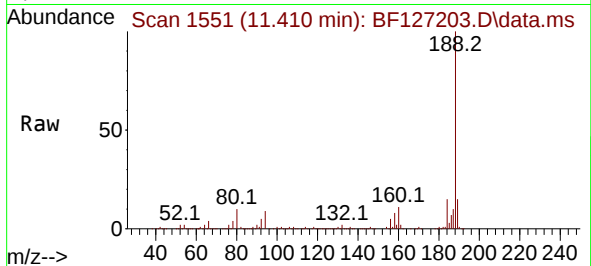




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127203.D
Acq: 04 Mar 2022 16:19

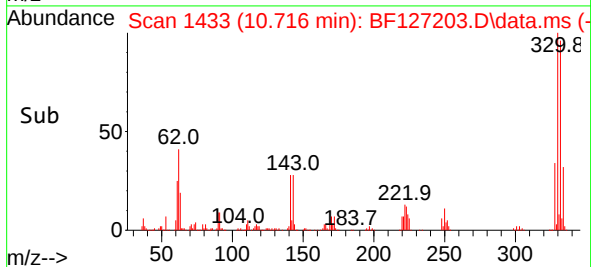
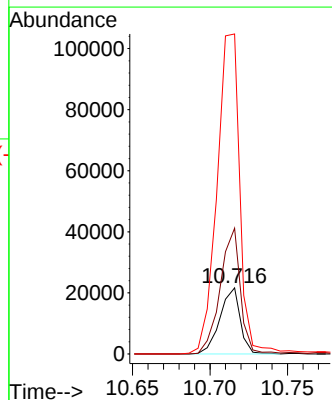
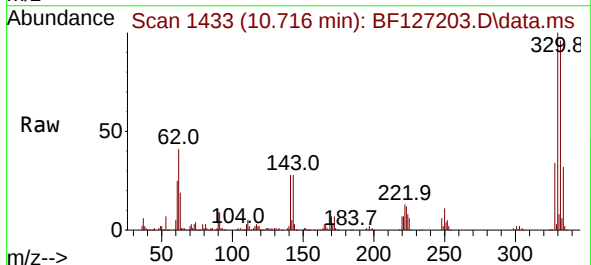
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WC-2

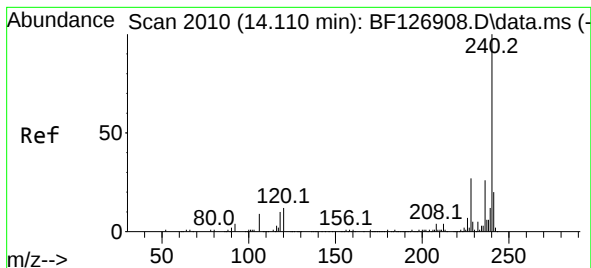
Tgt Ion:188 Resp: 303130
Ion Ratio Lower Upper
188 100
94 9.3 10.1 15.1#
80 10.4 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 5.833 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF127203.D
Acq: 04 Mar 2022 16:19

Tgt Ion:248 Resp: 19756
Ion Ratio Lower Upper
248 100
250 190.2 76.2 114.4#
141 483.7 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF127203.D

Acq: 04 Mar 2022 16:19

Instrument :

BNA_F

ClientSampleId :

WC-2

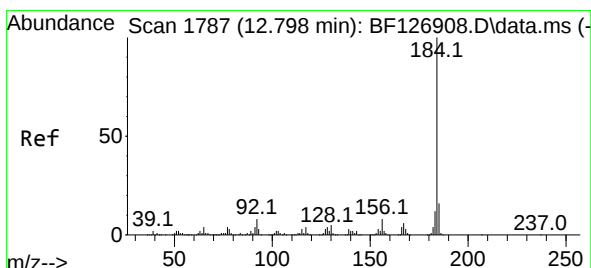
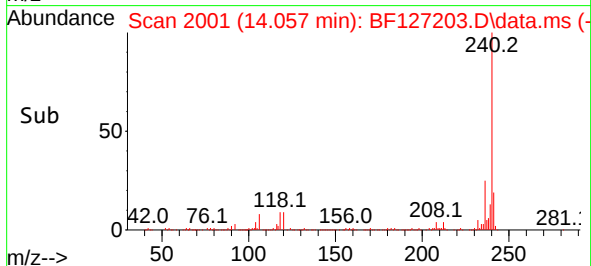
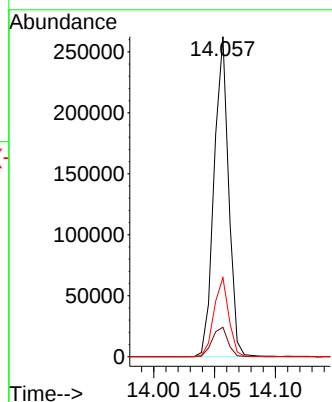
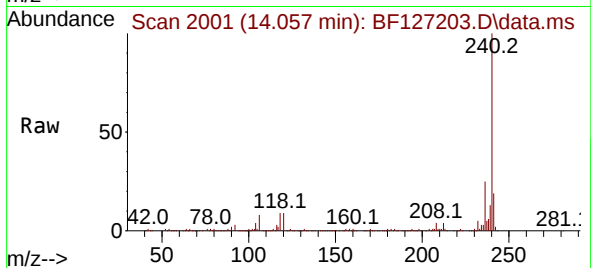
Tgt Ion:240 Resp: 217807

Ion Ratio Lower Upper

240 100

120 9.2 14.4 21.6#

236 24.7 20.5 30.7



#77

Benzidine

Concen: 3.334 ng

RT: 13.004 min Scan# 1822

Delta R.T. 0.253 min

Lab File: BF127203.D

Acq: 04 Mar 2022 16:19

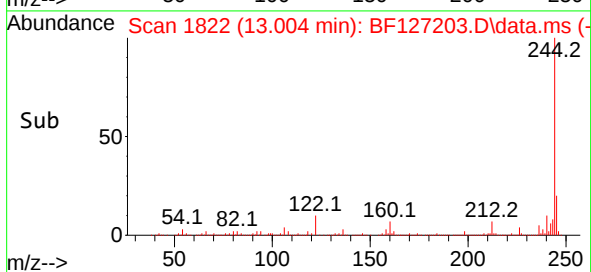
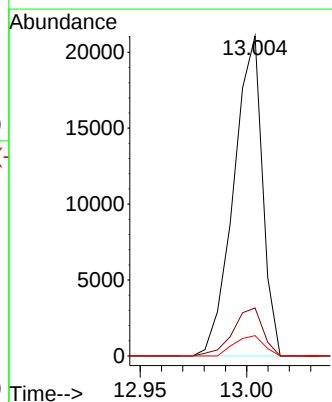
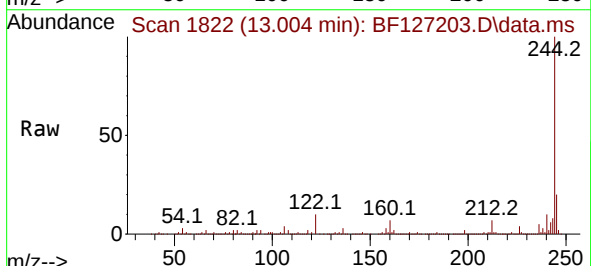
Tgt Ion:184 Resp: 19732

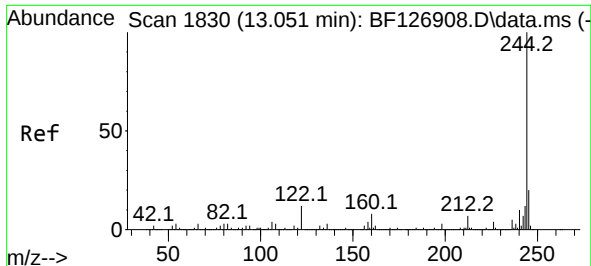
Ion Ratio Lower Upper

184 100

185 15.0 11.8 17.8

183 6.3 8.2 12.2#

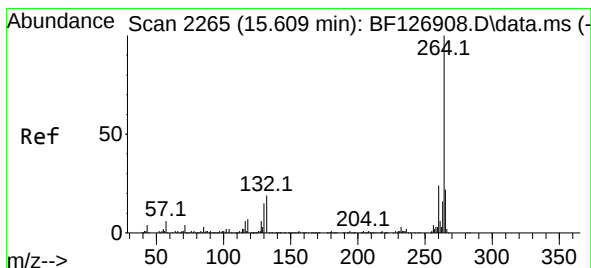
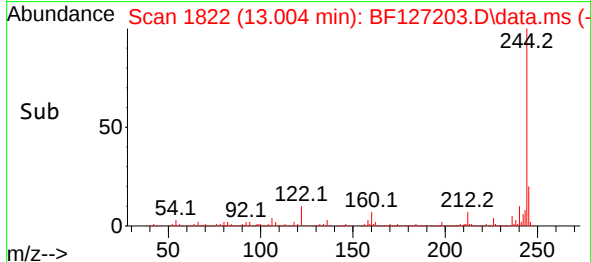
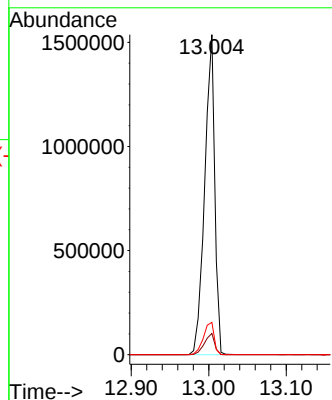
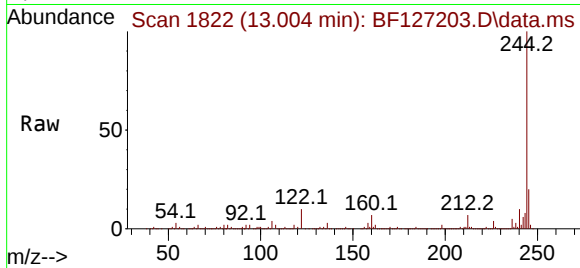




#79
 Terphenyl-d14
 Concen: 93.335 ng
 RT: 13.004 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF127203.D
 Acq: 04 Mar 2022 16:19

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Tgt Ion:244 Resp: 1382885
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 10.1 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2254
 Delta R.T. 0.000 min
 Lab File: BF127203.D
 Acq: 04 Mar 2022 16:19

Tgt Ion:264 Resp: 177306
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.8 17.4 26.2

