

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072722\
 Data File : BG054415.D
 Acq On : 27 Jul 2022 14:14
 Operator : CG/JU
 Sample : N3891-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 7897-W

Quant Time: Jul 28 04:33:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

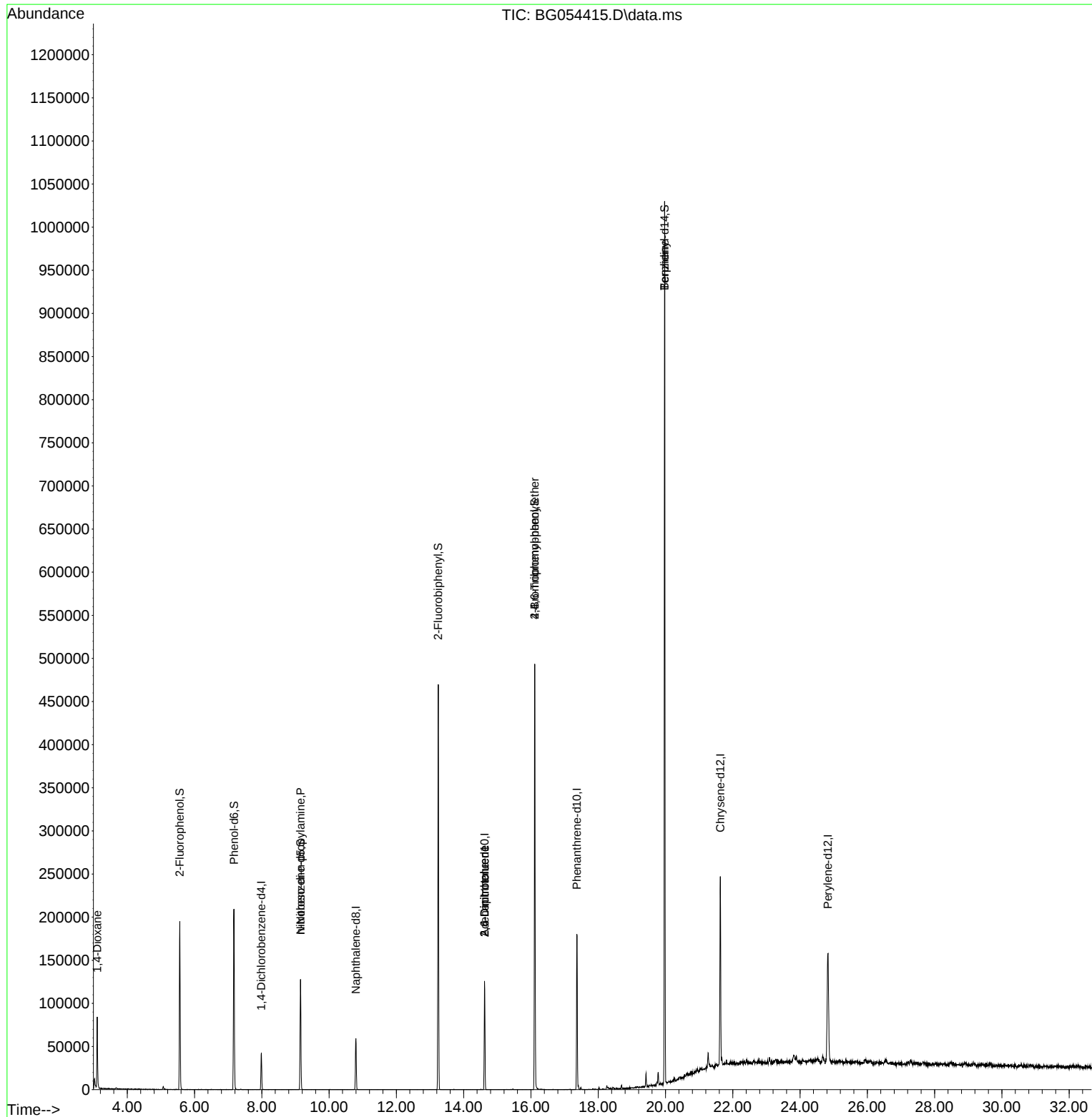
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.982	152	13624	20.000	ng	0.00
21) Naphthalene-d8	10.796	136	56019	20.000	ng	# 0.00
39) Acenaphthene-d10	14.621	164	49143	20.000	ng	0.00
64) Phenanthrene-d10	17.365	188	135620	20.000	ng	# 0.00
76) Chrysene-d12	21.630	240	149884	20.000	ng	# 0.00
86) Perylene-d12	24.827	264	156581	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	85959	131.733	ng	0.00
7) Phenol-d6	7.171	99	120713	135.007	ng	0.00
23) Nitrobenzene-d5	9.151	82	79425	77.210	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	133771	129.646	ng	0.00
45) 2-Fluorobiphenyl	13.246	172	266057	76.374	ng	0.00
79) Terphenyl-d14	19.974	244	597788	79.121	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.105	88	699	2.693	ng	# 1
9) Benzaldehyde	7.171	77	71	Below Cal		# 10
19) n-Nitroso-di-n-propyla...	9.151	70	11189	18.740	ng	# 82
51) 2,6-Dinitrotoluene	14.621	165	6898	8.193	ng	# 16
57) 2,4-Dinitrotoluene	14.621	165	6898	5.715	ng	# 21
67) 4-Bromophenyl-phenylether	16.113	248	7884	4.139	ng	# 1
77) Benizidine	19.974	184	7685	2.831	ng	# 89

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

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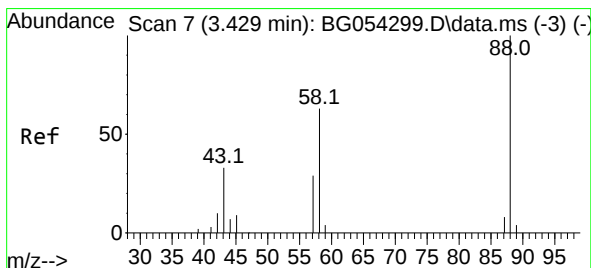
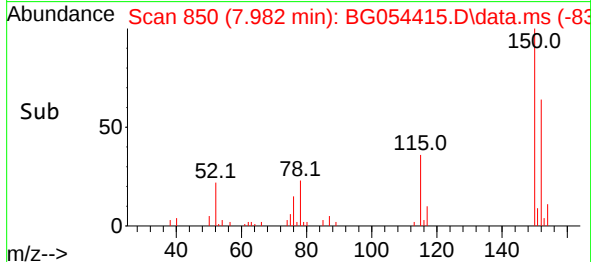
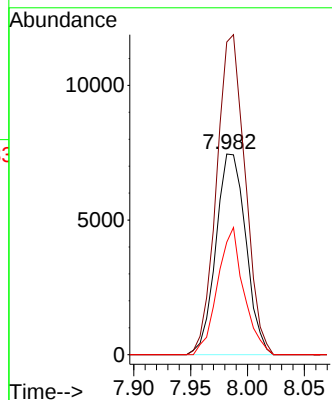
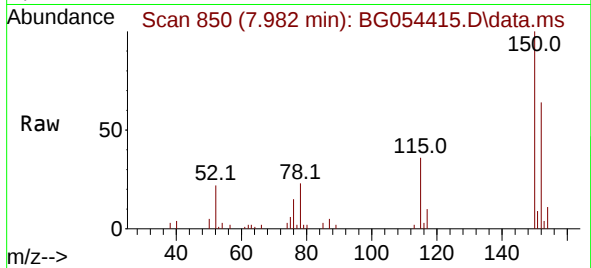




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.982 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG054415.D
 Acq: 27 Jul 2022 14:14

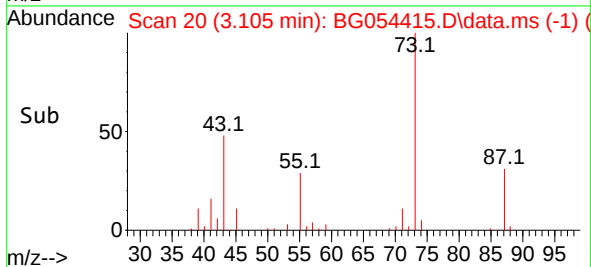
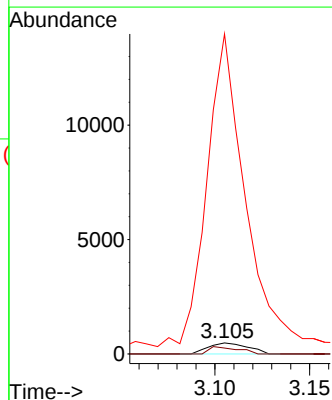
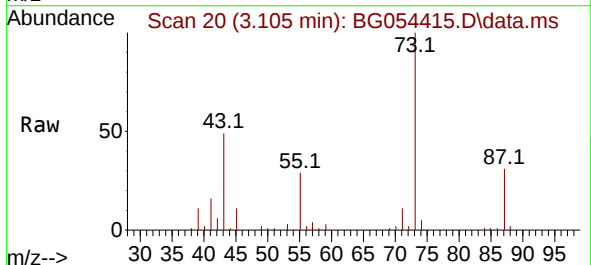
Instrument :
 BNA_G
 ClientSampleId :
 7897-W

Tgt Ion:152 Resp: 13624
 Ion Ratio Lower Upper
 152 100
 150 155.8 131.6 197.4
 115 56.1 50.9 76.3



#2
 1,4-Dioxane
 Concen: 2.693 ng
 RT: 3.105 min Scan# 20
 Delta R.T. -0.312 min
 Lab File: BG054415.D
 Acq: 27 Jul 2022 14:14

Tgt Ion: 88 Resp: 699
 Ion Ratio Lower Upper
 88 100
 58 48.2 59.2 88.8#
 43 2821.2 24.3 36.5#

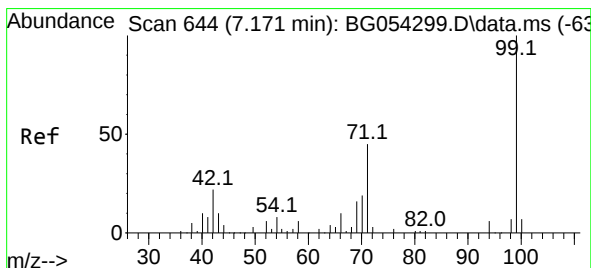
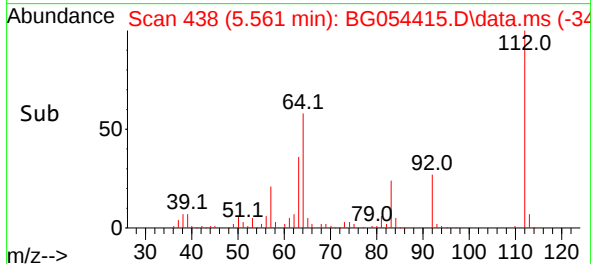
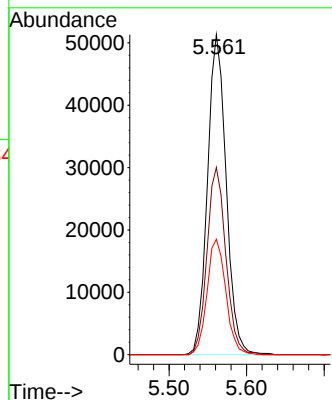
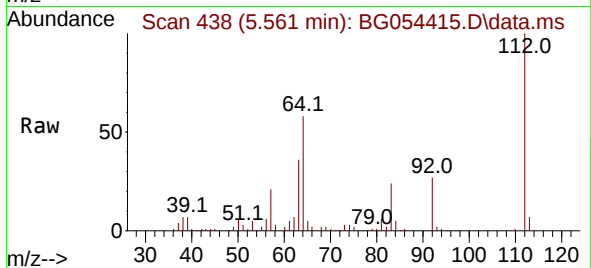




#5
2-Fluorophenol
Concen: 131.733 ng
RT: 5.561 min Scan# 41
Delta R.T. -0.001 min
Lab File: BG054415.D
Acq: 27 Jul 2022 14:14

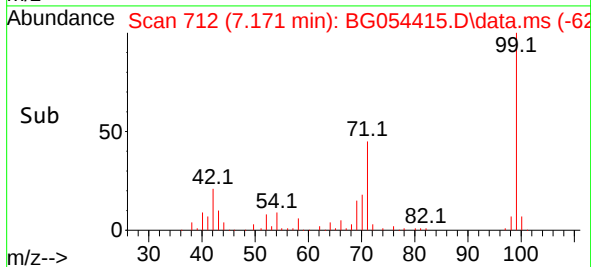
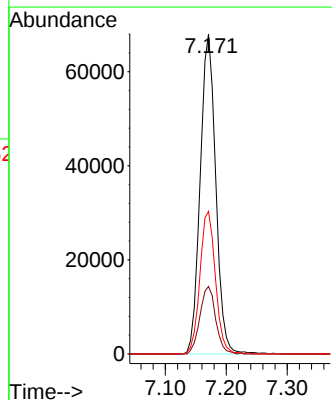
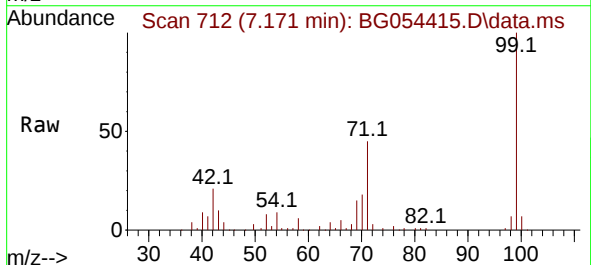
Instrument :
BNA_G
ClientSampleId :
7897-W

Tgt Ion:112 Resp: 85959
Ion Ratio Lower Upper
112 100
64 58.5 55.1 82.7
63 36.1 30.4 45.6



#7
Phenol-d6
Concen: 135.007 ng
RT: 7.171 min Scan# 712
Delta R.T. -0.001 min
Lab File: BG054415.D
Acq: 27 Jul 2022 14:14

Tgt Ion: 99 Resp: 120713
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 44.5 33.8 50.8





#19

n-Nitroso-di-n-propylamine

Concen: 18.740 ng

RT: 9.151 min Scan# 1049

Delta R.T. 0.358 min

Lab File: BG054415.D

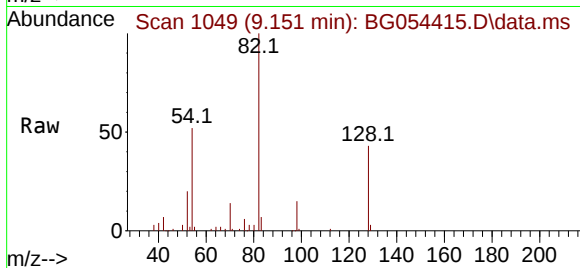
Acq: 27 Jul 2022 14:14

Instrument :

BNA_G

ClientSampleId :

7897-W



Tgt Ion: 70 Resp: 11189

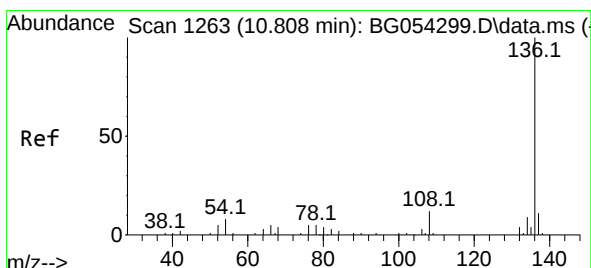
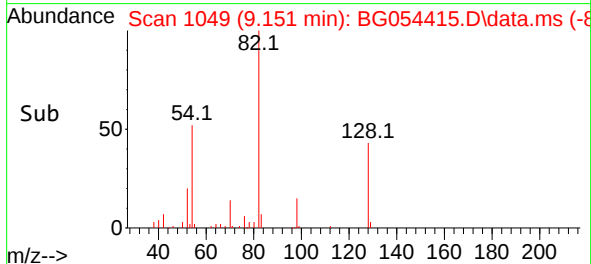
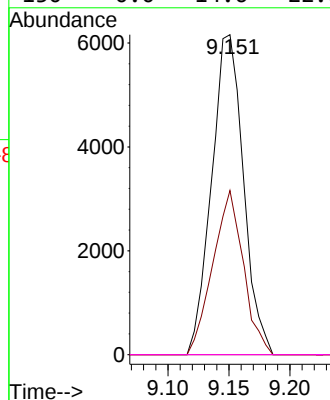
Ion Ratio Lower Upper

70 100

42 51.3 47.3 70.9

101 0.0 7.0 10.4#

130 0.0 14.6 22.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.796 min Scan# 1329

Delta R.T. -0.001 min

Lab File: BG054415.D

Acq: 27 Jul 2022 14:14

Tgt Ion: 136 Resp: 56019

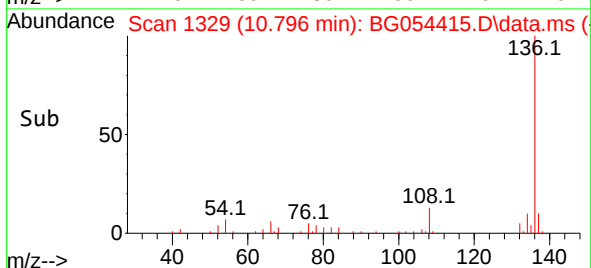
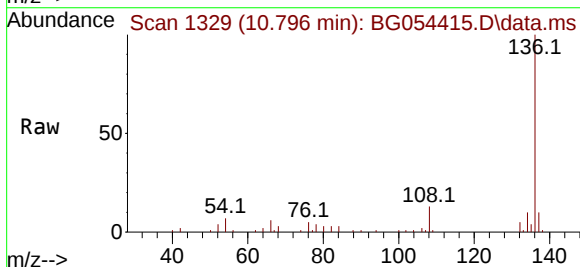
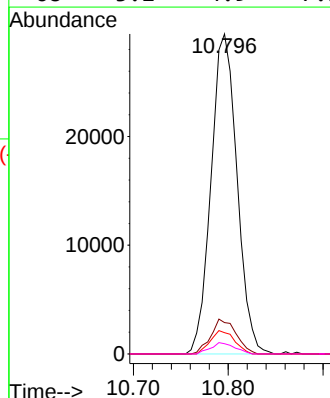
Ion Ratio Lower Upper

136 100

137 9.8 8.5 12.7

54 6.6 7.4 11.2#

68 3.2 4.9 7.3#

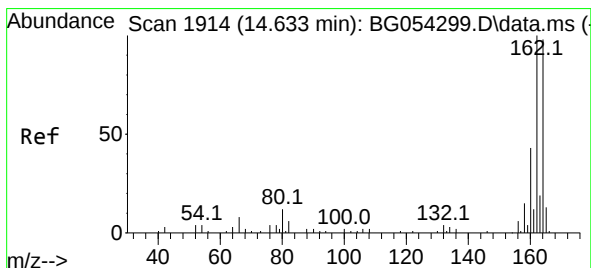
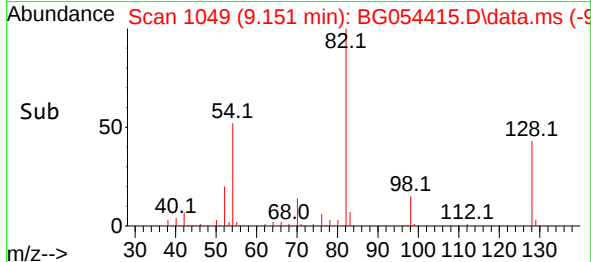
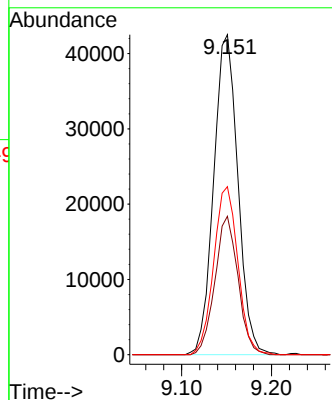
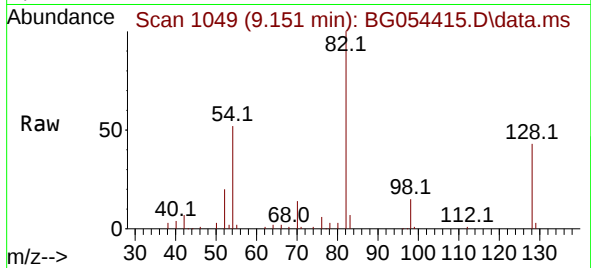




#23
Nitrobenzene-d5
Concen: 77.210 ng
RT: 9.151 min Scan# 1049
Delta R.T. -0.001 min
Lab File: BG054415.D
Acq: 27 Jul 2022 14:14

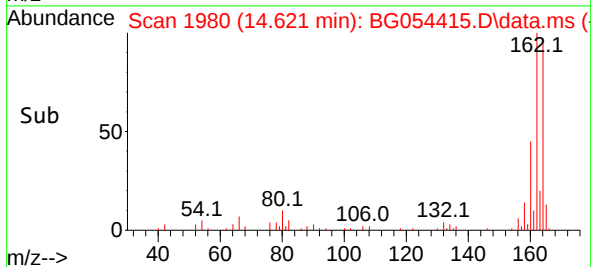
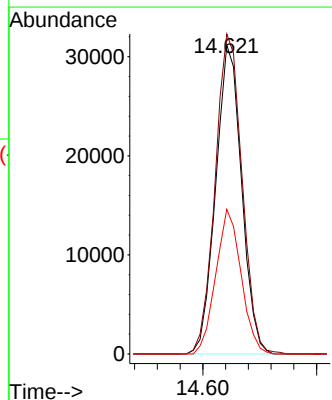
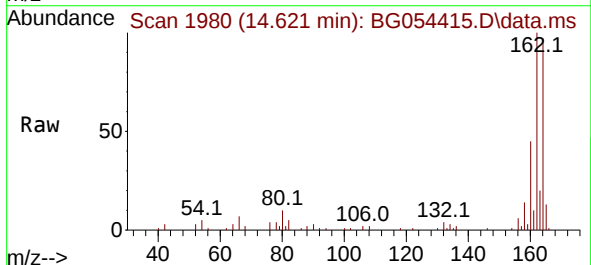
Instrument :
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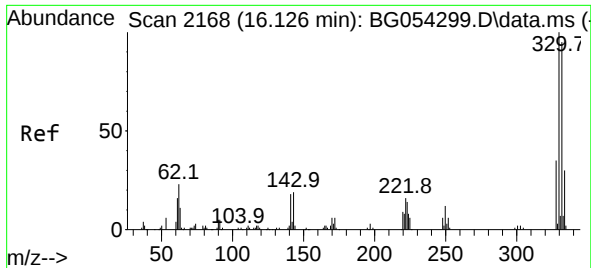
Tgt Ion: 82 Resp: 79425
Ion Ratio Lower Upper
82 100
128 43.2 27.9 41.9#
54 52.5 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.001 min
Lab File: BG054415.D
Acq: 27 Jul 2022 14:14

Tgt Ion: 164 Resp: 49143
Ion Ratio Lower Upper
164 100
162 103.6 82.3 123.5
160 46.8 34.2 51.2

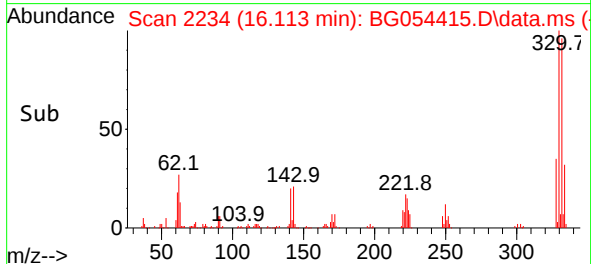
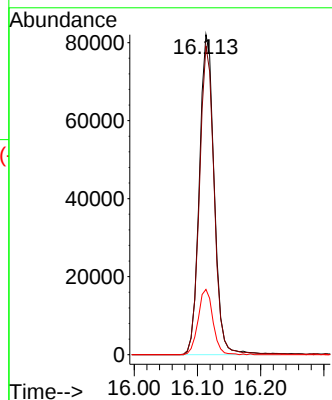
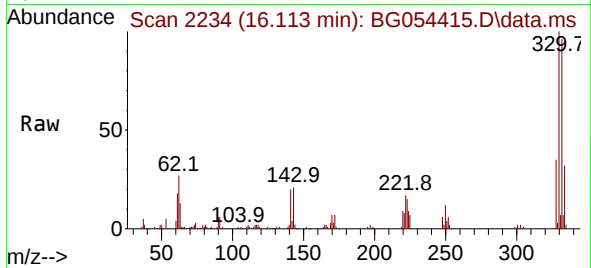




#42
2,4,6-Tribromophenol
Concen: 129.646 ng
RT: 16.113 min Scan# 2168
Delta R.T. -0.001 min
Lab File: BG054415.D
Acq: 27 Jul 2022 14:14

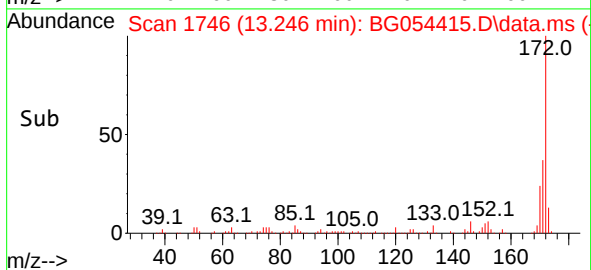
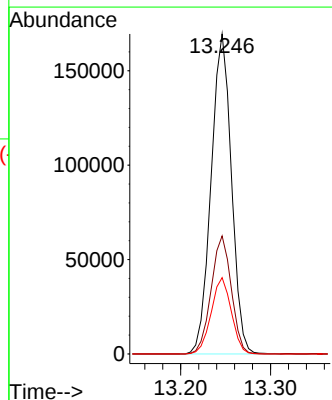
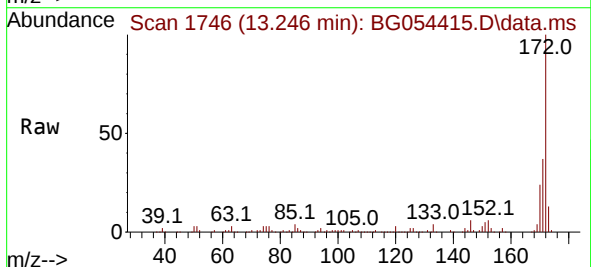
Instrument :
BNA_G
ClientSampleId :
7897-W

Tgt Ion:330 Resp: 133771
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 20.3 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 76.374 ng
RT: 13.246 min Scan# 1746
Delta R.T. -0.001 min
Lab File: BG054415.D
Acq: 27 Jul 2022 14:14

Tgt Ion:172 Resp: 266057
Ion Ratio Lower Upper
172 100
171 36.9 28.5 42.7
170 23.9 18.9 28.3

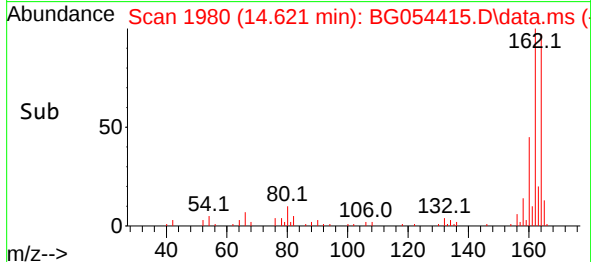
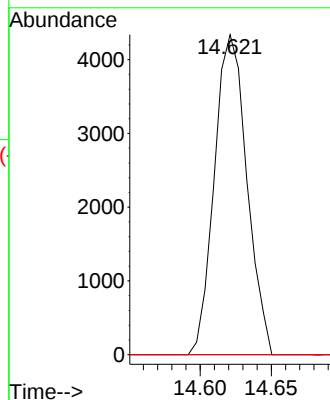
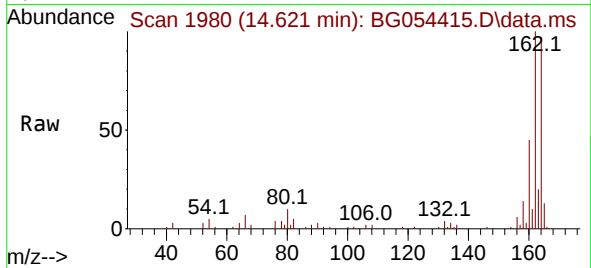




#51
2,6-Dinitrotoluene
Concen: 8.193 ng
RT: 14.621 min Scan# 1980
Delta R.T. 0.422 min
Lab File: BG054415.D
Acq: 27 Jul 2022 14:14

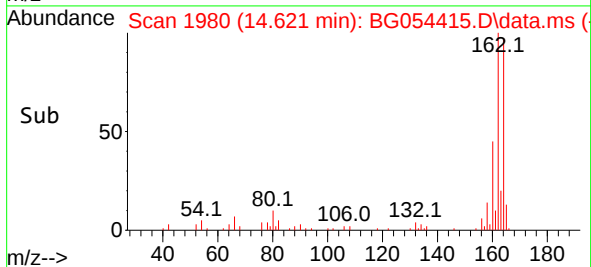
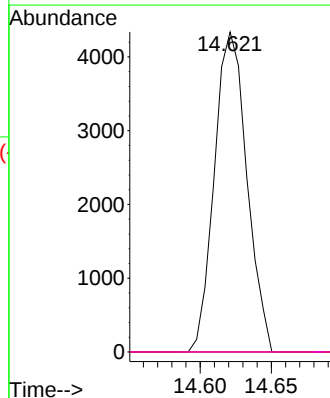
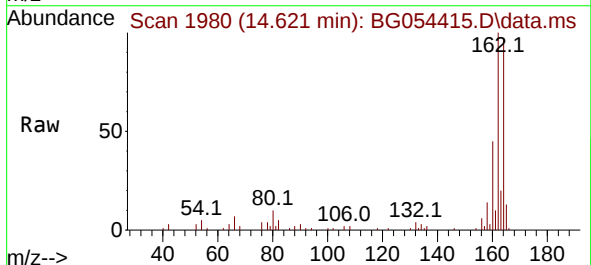
Instrument :
BNA_G
ClientSampleId :
7897-W

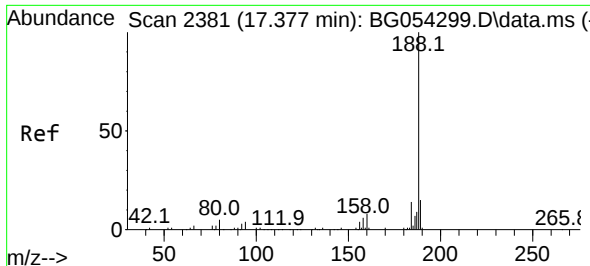
Tgt Ion:165 Resp: 6898
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.715 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.371 min
Lab File: BG054415.D
Acq: 27 Jul 2022 14:14

Tgt Ion:165 Resp: 6898
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#

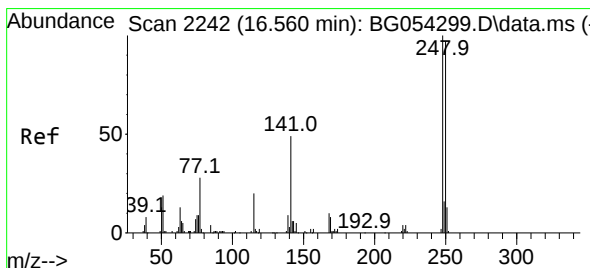
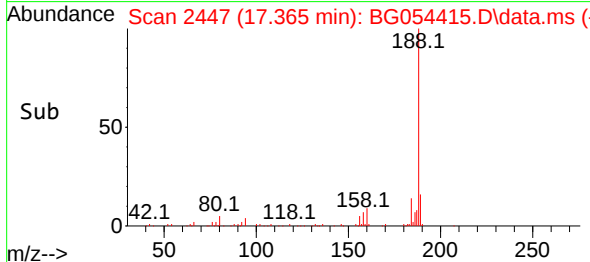
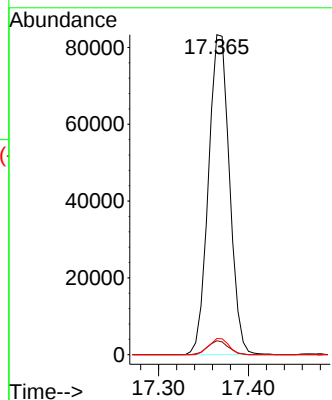
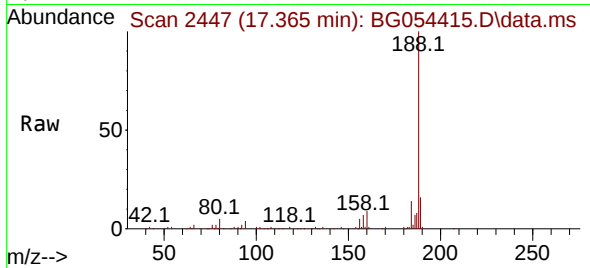




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.365 min Scan# 2447
Delta R.T. -0.007 min
Lab File: BG054415.D
Acq: 27 Jul 2022 14:14

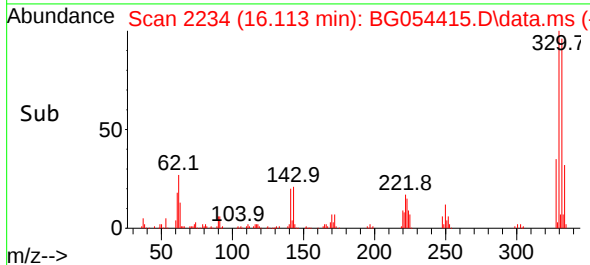
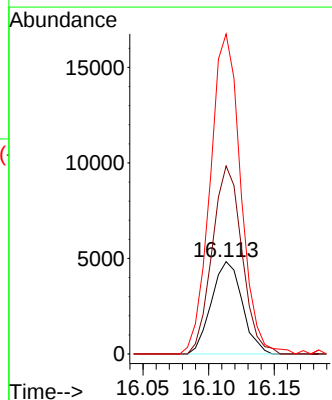
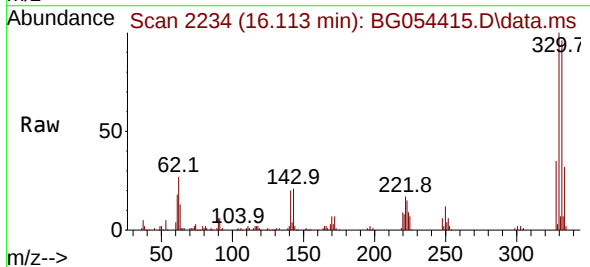
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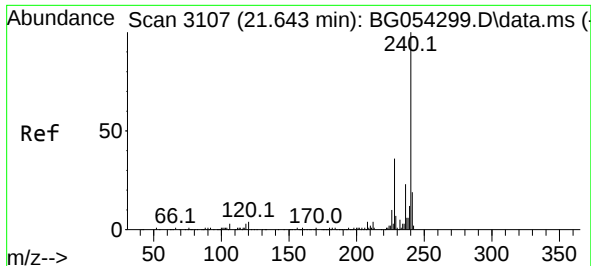
Tgt Ion:188 Resp: 135620
Ion Ratio Lower Upper
188 100
94 4.4 5.4 8.0#
80 5.1 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 4.139 ng
RT: 16.113 min Scan# 2234
Delta R.T. -0.441 min
Lab File: BG054415.D
Acq: 27 Jul 2022 14:14

Tgt Ion:248 Resp: 7884
Ion Ratio Lower Upper
248 100
250 151.2 75.2 112.8#
141 257.5 50.0 75.0#

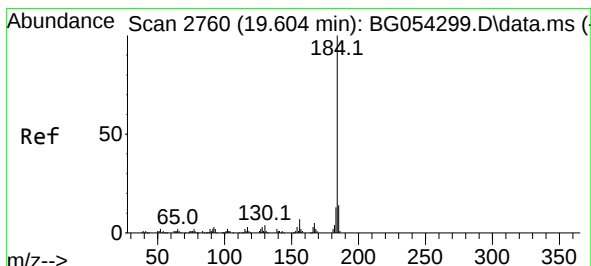
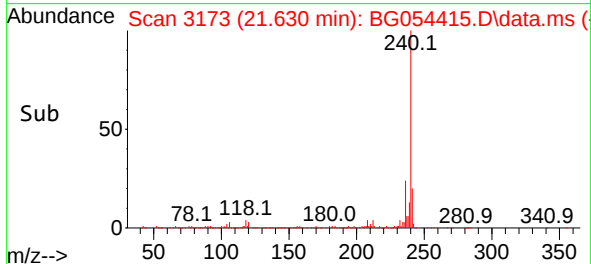
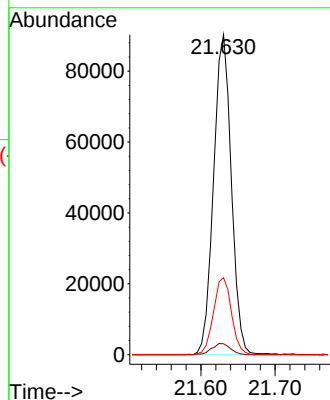
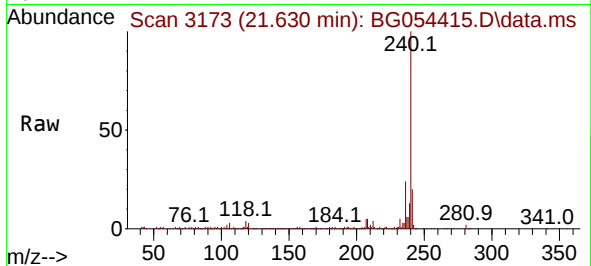




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG054415.D
Acq: 27 Jul 2022 14:14

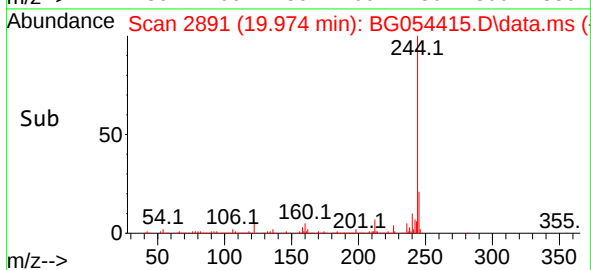
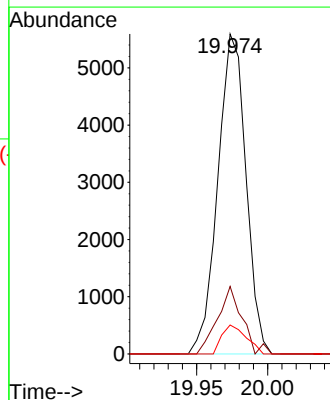
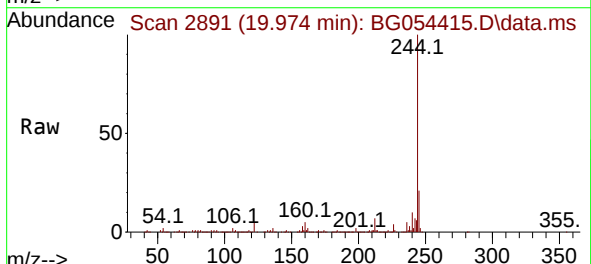
Instrument :
BNA_G
ClientSampleId :
7897-W

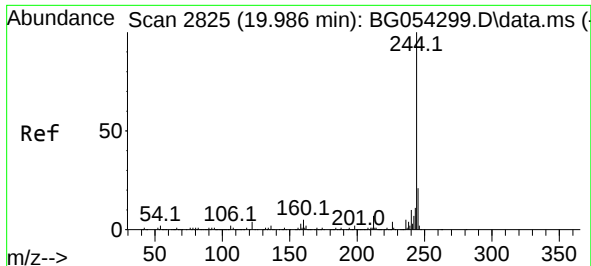
Tgt Ion:240 Resp: 149884
Ion Ratio Lower Upper
240 100
120 3.4 4.6 7.0#
236 24.0 20.2 30.4



#77
Benzidine
Concen: 2.831 ng
RT: 19.974 min Scan# 2891
Delta R.T. 0.375 min
Lab File: BG054415.D
Acq: 27 Jul 2022 14:14

Tgt Ion:184 Resp: 7685
Ion Ratio Lower Upper
184 100
185 21.1 11.8 17.6#
183 9.0 8.9 13.3

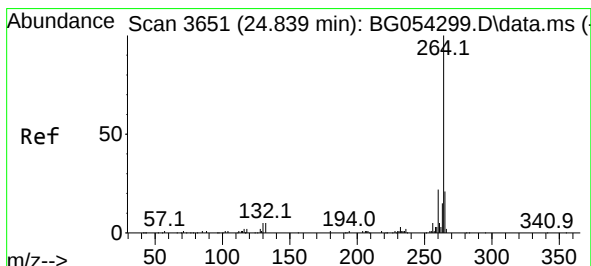
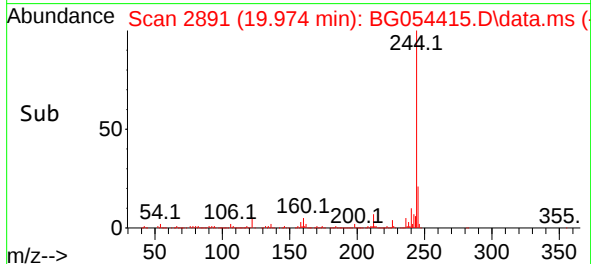
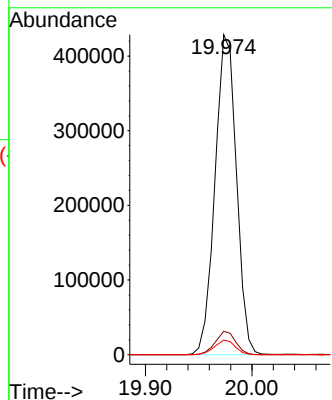
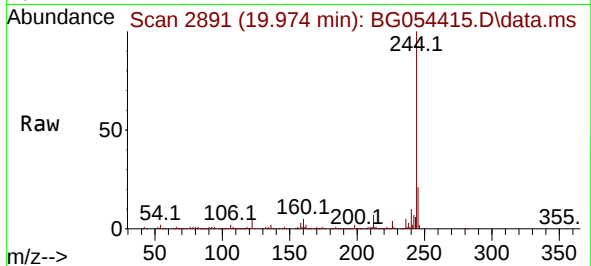




#79
 Terphenyl-d14
 Concen: 79.121 ng
 RT: 19.974 min Scan# 2825
 Delta R.T. -0.007 min
 Lab File: BG054415.D
 Acq: 27 Jul 2022 14:14

Instrument :
 BNA_G
 ClientSampleId :
 7897-W

Tgt Ion:244 Resp: 597788
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 4.6 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.827 min Scan# 3717
 Delta R.T. -0.007 min
 Lab File: BG054415.D
 Acq: 27 Jul 2022 14:14

Tgt Ion:264 Resp: 156581
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.0 28.6
 265 21.7 17.4 26.2

