

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129888.D
 Acq On : 18 Aug 2022 21:51
 Operator : CG\JU
 Sample : N4093-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLDG-4-BASEMENT-DRUM

Quant Time: Aug 19 01:05:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 12:03:10 2022
 Response via : Initial Calibration

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

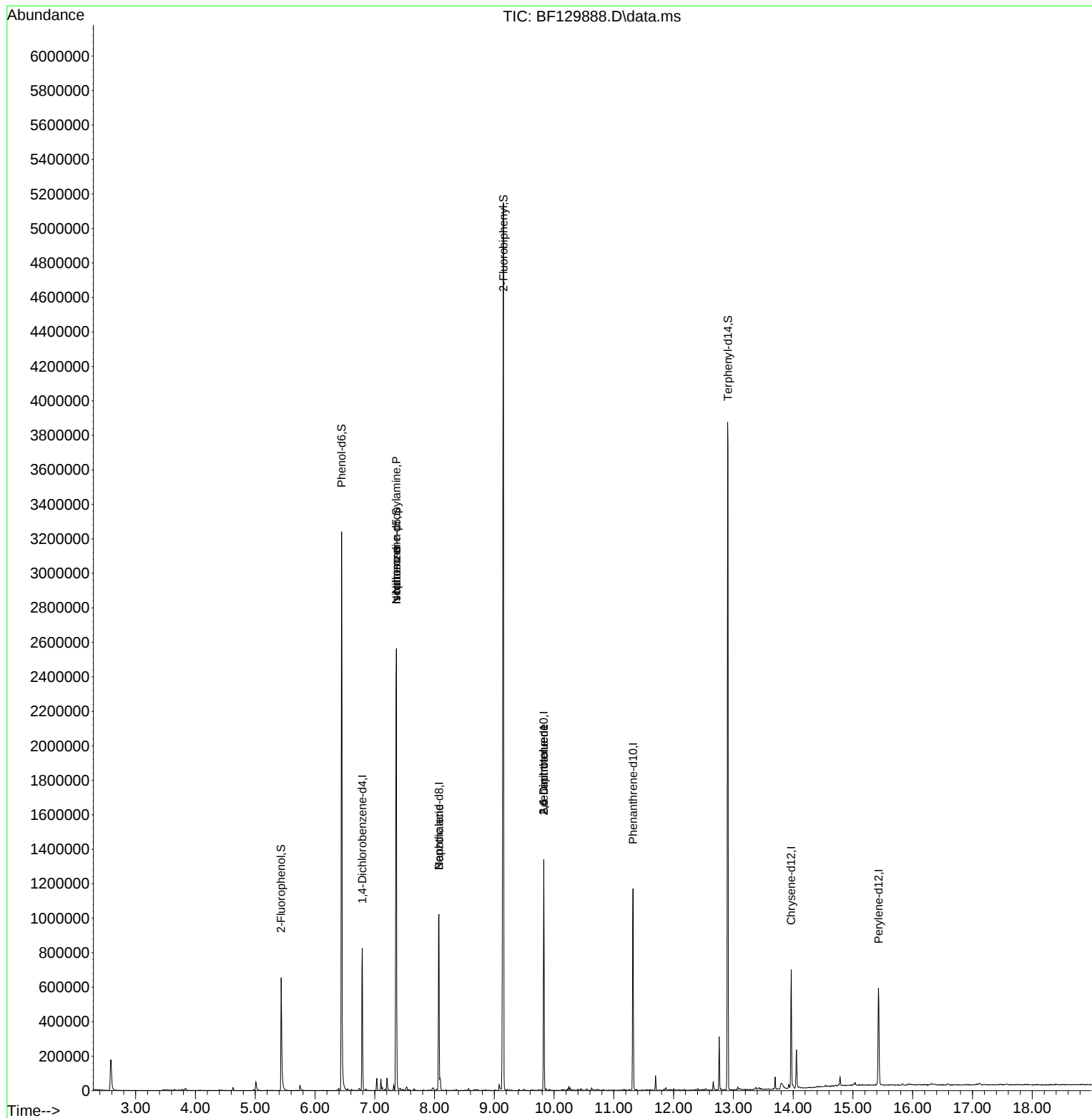
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	122769	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	481161	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	253515	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	400966	20.000	ng	0.00
76) Chrysene-d12	13.969	240	217484	20.000	ng	0.00
86) Perylene-d12	15.427	264	250507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	205203	27.674	ng	0.00
7) Phenol-d6	6.445	99	1104741	118.974	ng	0.00
23) Nitrobenzene-d5	7.363	82	868248	96.597	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	1529	0.601	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1630273	97.669	ng	0.00
79) Terphenyl-d14	12.910	244	1378674	105.480	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	1104	Below Cal	#	87
19) n-Nitroso-di-n-propyla...	7.363	70	118734	20.230	ng	# 76
25) Isophorone	7.363	82	869343	56.194	ng	# 65
32) Benzoic acid	8.075	122	145	2.215	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	33461	8.488	ng	# 23
57) 2,4-Dinitrotoluene	9.828	165	33461	6.538	ng	# 18
77) Benzidine	12.663	184	18787	Below Cal		98

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

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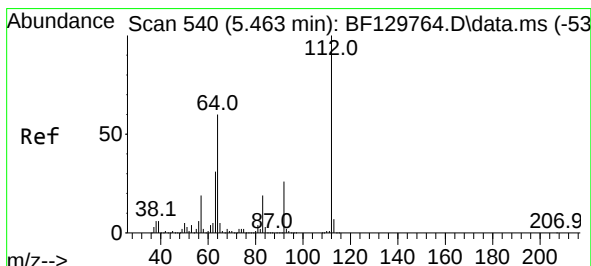
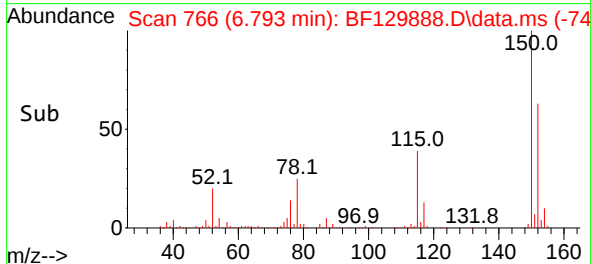
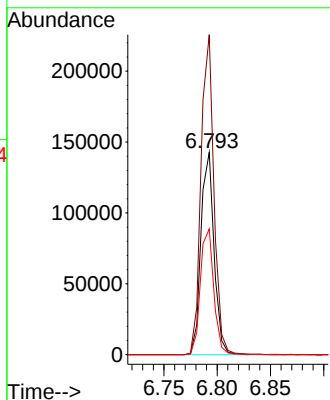
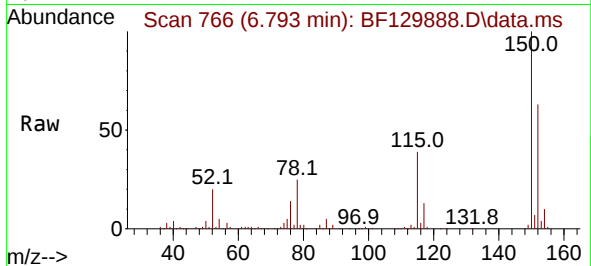




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 70
Delta R.T. 0.001 min
Lab File: BF129888.D
Acq: 18 Aug 2022 21:51

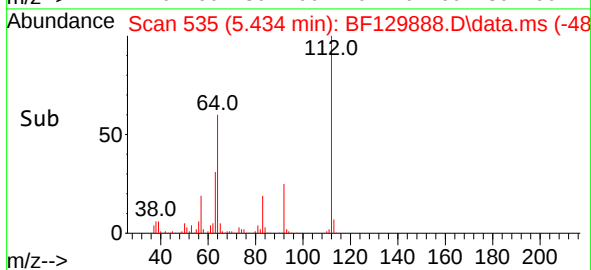
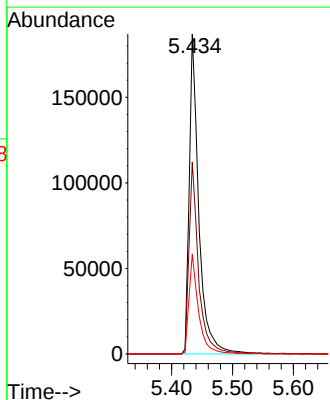
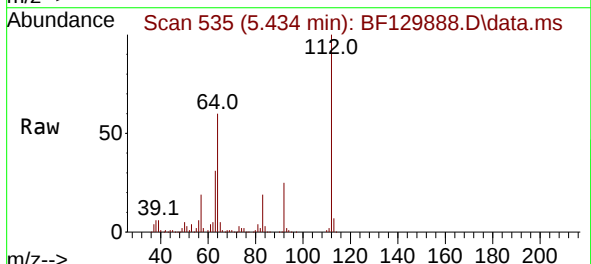
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUM

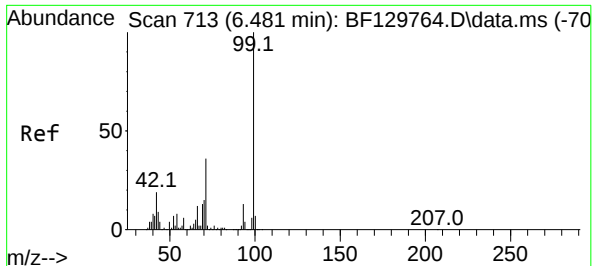
Tgt Ion:152 Resp: 122769
Ion Ratio Lower Upper
152 100
150 158.3 126.9 190.3
115 62.2 53.4 80.0



#5
2-Fluorophenol
Concen: 27.674 ng
RT: 5.434 min Scan# 535
Delta R.T. 0.006 min
Lab File: BF129888.D
Acq: 18 Aug 2022 21:51

Tgt Ion:112 Resp: 205203
Ion Ratio Lower Upper
112 100
64 60.0 47.6 71.4
63 31.3 24.6 37.0

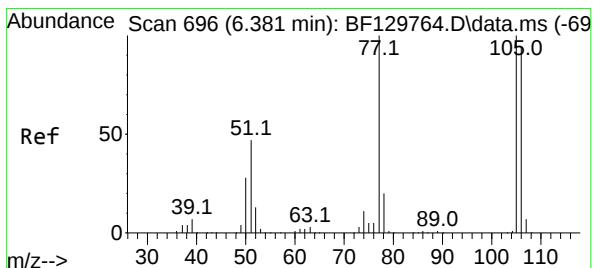
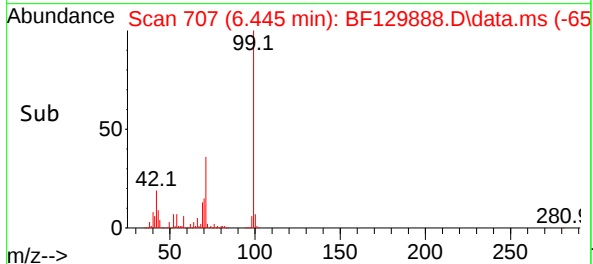
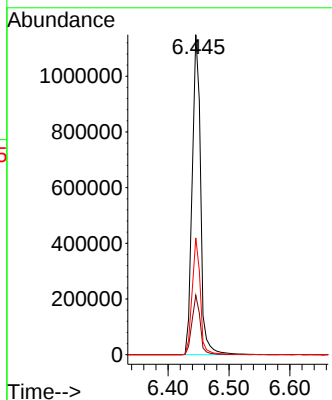
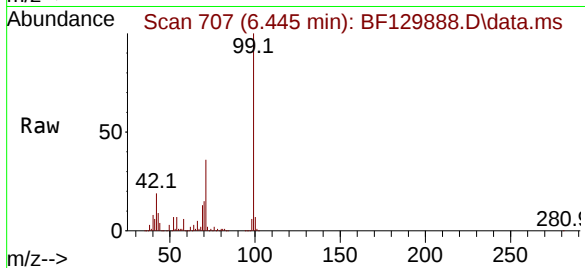




#7
Phenol-d6
Concen: 118.974 ng
RT: 6.445 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129888.D
Acq: 18 Aug 2022 21:51

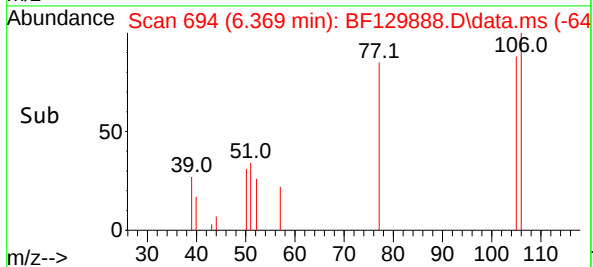
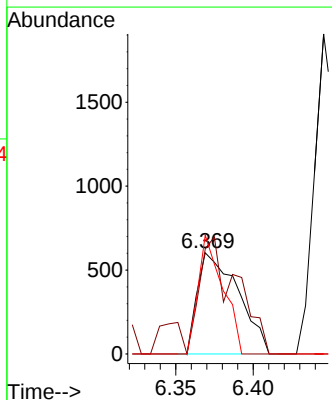
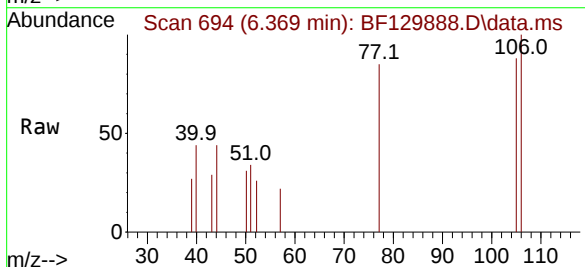
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUM

Tgt Ion: 99 Resp: 1104741
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 36.5 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.369 min Scan# 694
Delta R.T. 0.018 min
Lab File: BF129888.D
Acq: 18 Aug 2022 21:51

Tgt Ion: 77 Resp: 1104
Ion Ratio Lower Upper
77 100
105 103.8 80.3 120.3
106 117.4 74.3 114.3#





#19

n-Nitroso-di-n-propylamine

Concen: 20.230 ng

RT: 7.363 min Scan# 80

Delta R.T. 0.153 min

Lab File: BF129888.D

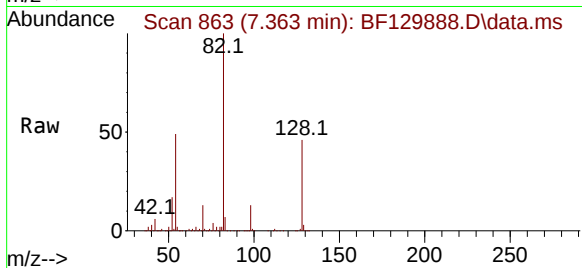
Acq: 18 Aug 2022 21:51

Instrument :

BNA_F

ClientSampleId :

BLDG-4-BASEMENT-DRUM



Tgt Ion: 70 Resp: 118734

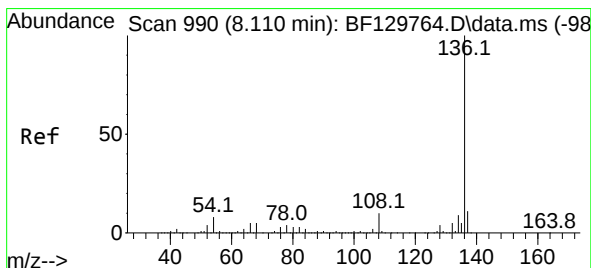
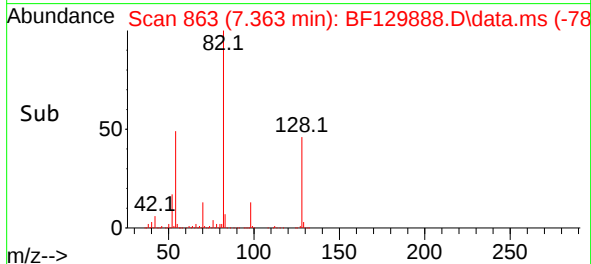
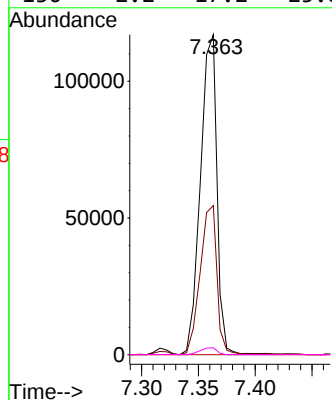
Ion Ratio Lower Upper

70 100

42 46.6 47.6 71.4#

101 0.0 8.1 12.1#

130 2.2 17.2 25.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 984

Delta R.T. -0.006 min

Lab File: BF129888.D

Acq: 18 Aug 2022 21:51

Tgt Ion: 136 Resp: 481161

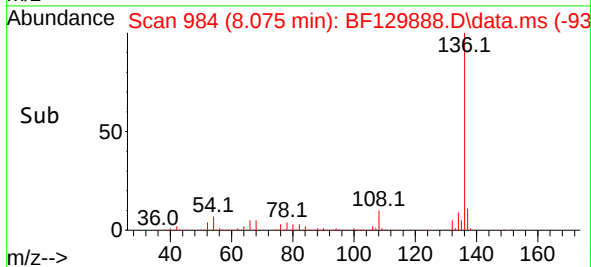
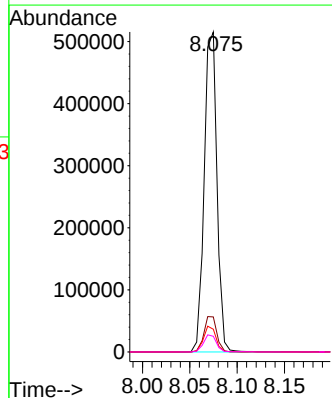
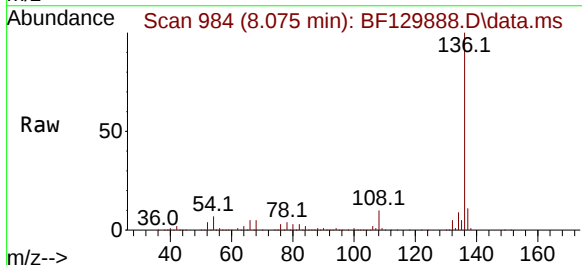
Ion Ratio Lower Upper

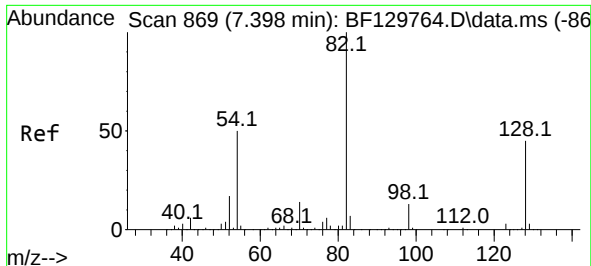
136 100

137 10.9 8.4 12.6

54 7.1 6.2 9.2

68 4.9 4.2 6.4

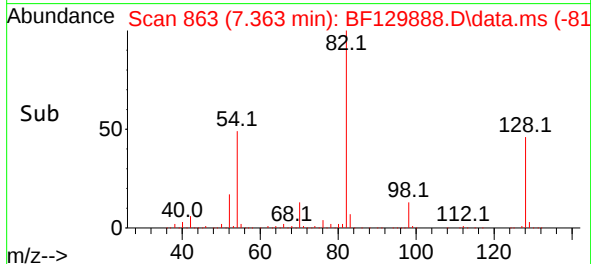
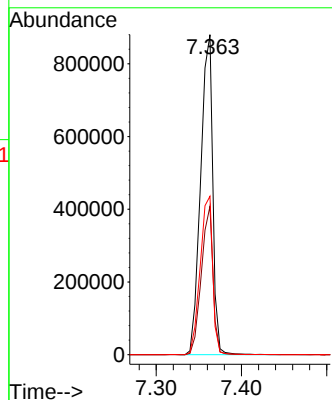
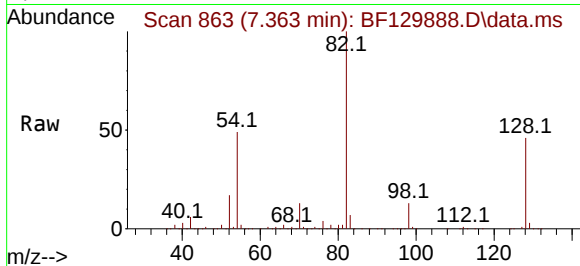




#23
Nitrobenzene-d5
Concen: 96.597 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF129888.D
Acq: 18 Aug 2022 21:51

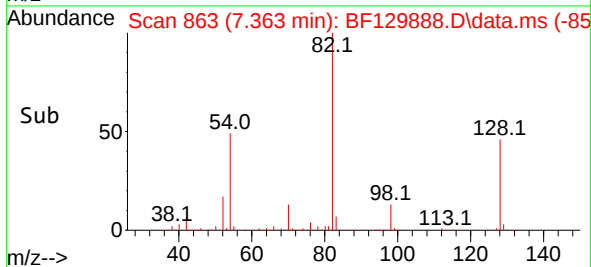
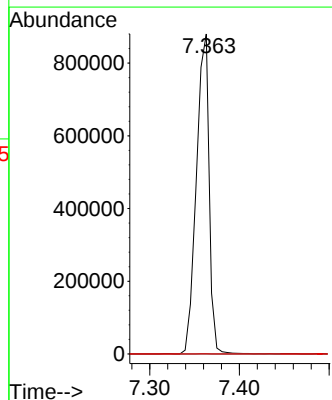
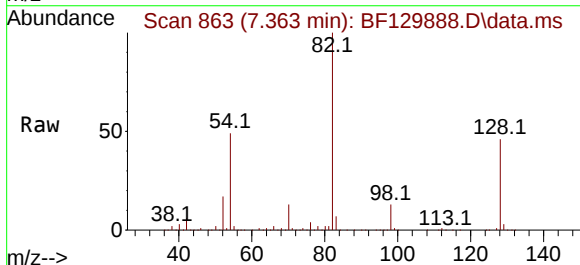
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUM

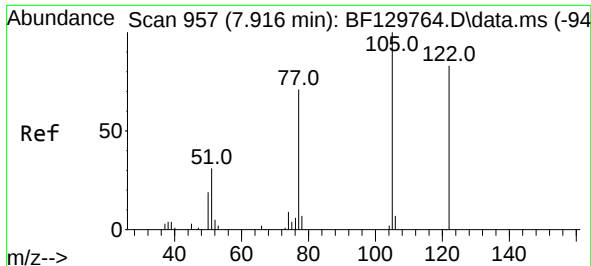
Tgt Ion: 82 Resp: 868248
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 49.5 40.0 60.0



#25
Isophorone
Concen: 56.194 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.259 min
Lab File: BF129888.D
Acq: 18 Aug 2022 21:51

Tgt Ion: 82 Resp: 869343
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

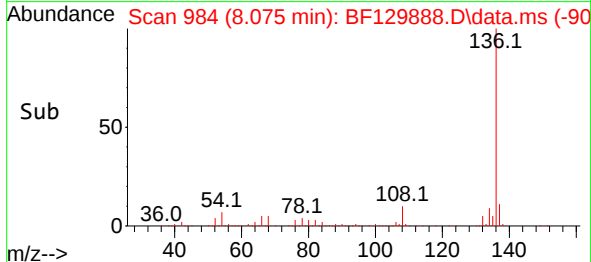
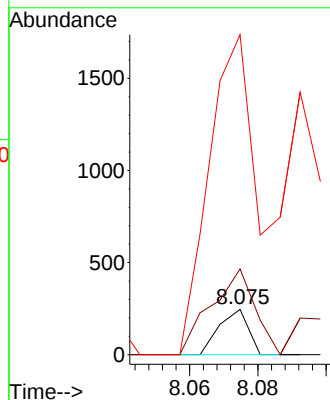
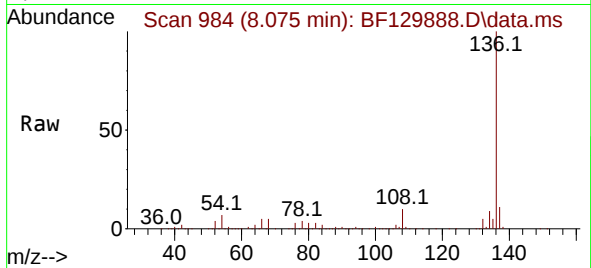




#32
Benzoic acid
Concen: 2.215 ng
RT: 8.075 min Scan# 91
Delta R.T. 0.188 min
Lab File: BF129888.D
Acq: 18 Aug 2022 21:51

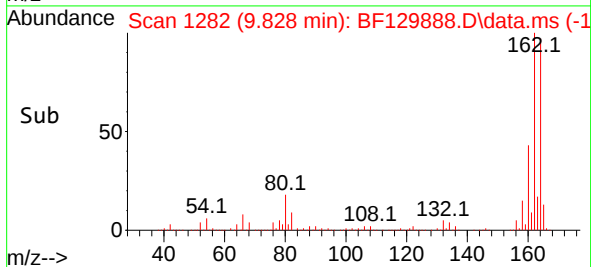
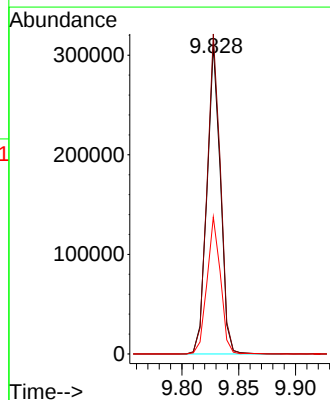
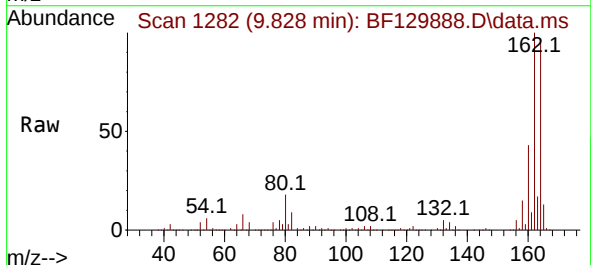
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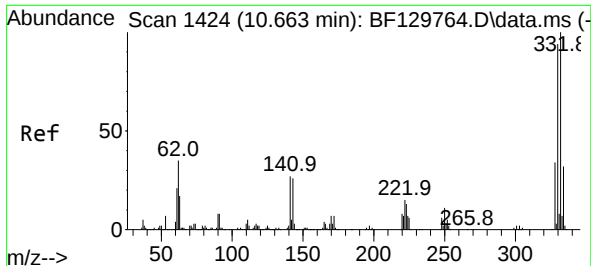
Tgt Ion:122 Resp: 145
Ion Ratio Lower Upper
122 100
105 189.4 99.9 139.9#
77 706.1 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF129888.D
Acq: 18 Aug 2022 21:51

Tgt Ion:164 Resp: 253515
Ion Ratio Lower Upper
164 100
162 103.5 82.0 123.0
160 44.3 35.4 53.0

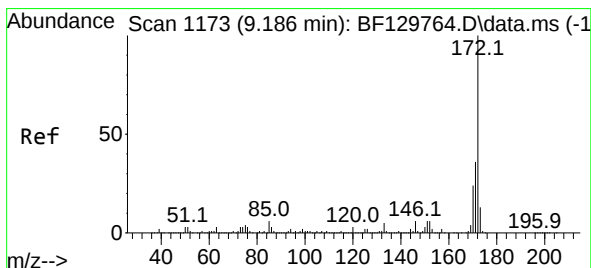
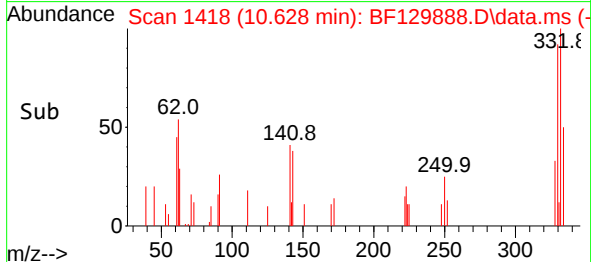
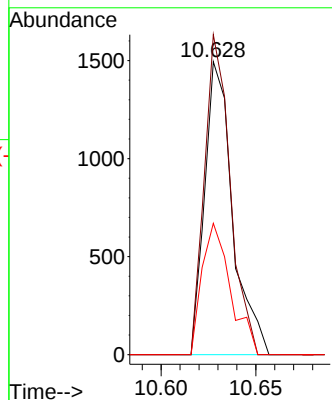
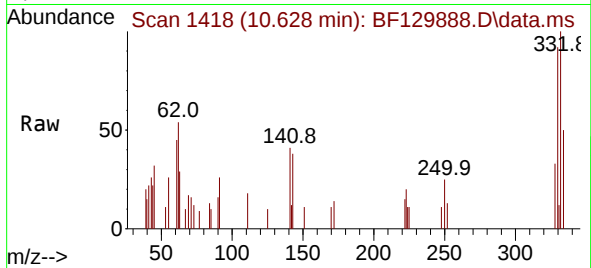




#42
2,4,6-Tribromophenol
Concen: 0.601 ng
RT: 10.628 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF129888.D
Acq: 18 Aug 2022 21:51

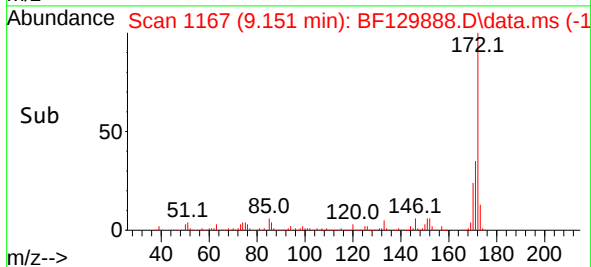
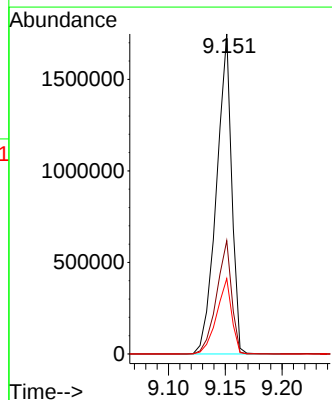
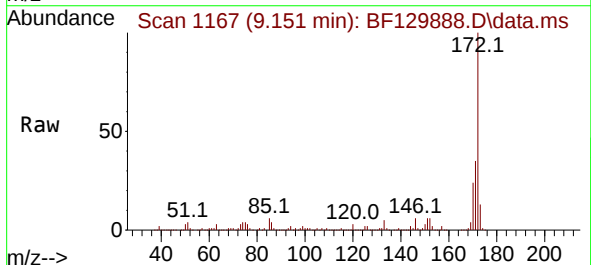
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUM

Tgt Ion:330 Resp: 1529
Ion Ratio Lower Upper
330 100
332 101.0 82.6 124.0
141 45.7 27.6 41.4#



#45
2-Fluorobiphenyl
Concen: 97.669 ng
RT: 9.151 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF129888.D
Acq: 18 Aug 2022 21:51

Tgt Ion:172 Resp: 1630273
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.6 19.1 28.7

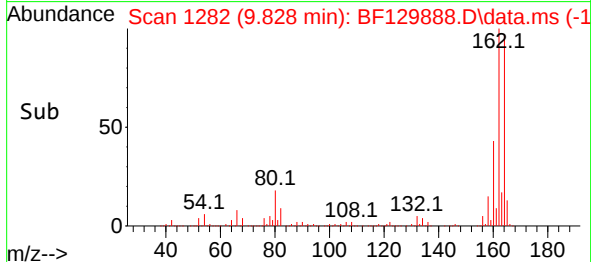
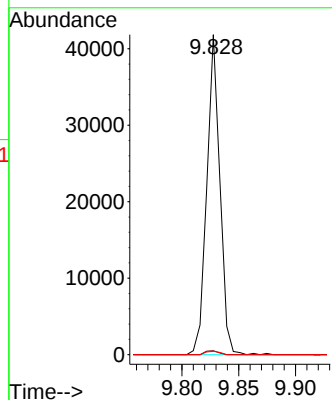
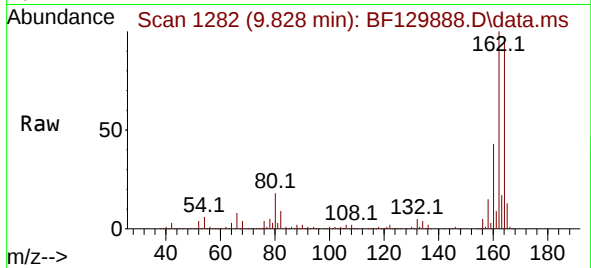




#51
2,6-Dinitrotoluene
Concen: 8.488 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF129888.D
Acq: 18 Aug 2022 21:51

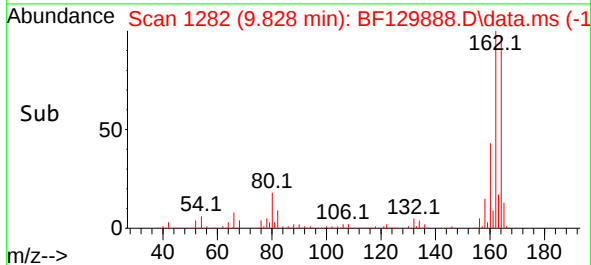
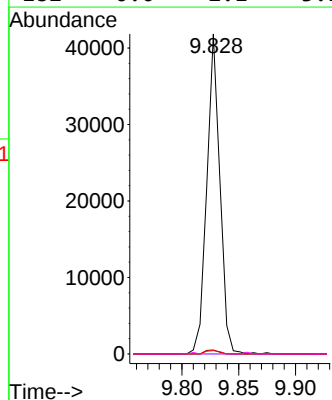
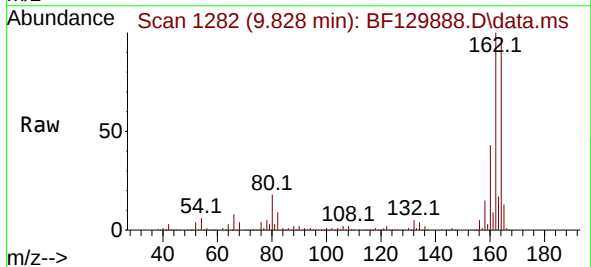
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUM

Tgt Ion:165 Resp: 33461
Ion Ratio Lower Upper
165 100
63 1.3 47.8 71.8#
89 1.1 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.538 ng
RT: 9.828 min Scan# 1282
Delta R.T. -0.212 min
Lab File: BF129888.D
Acq: 18 Aug 2022 21:51

Tgt Ion:165 Resp: 33461
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.1 62.3 93.5#
182 0.0 2.1 3.1#

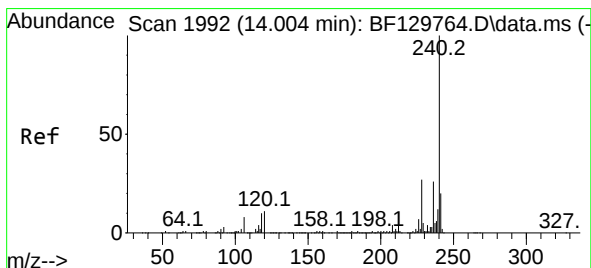
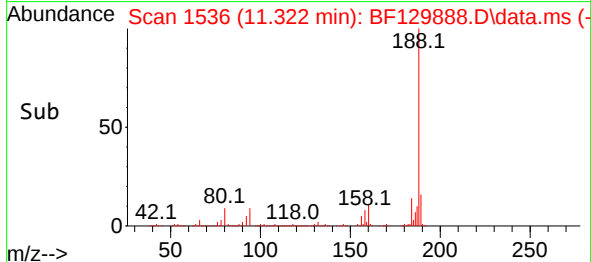
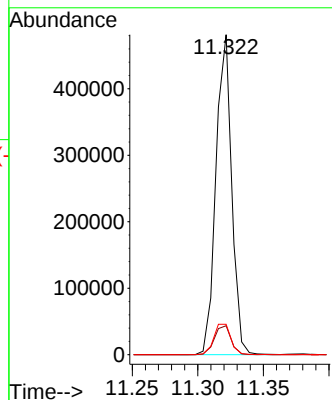
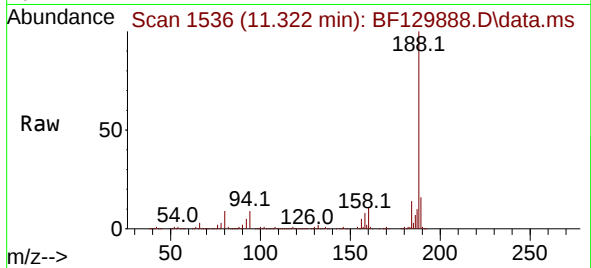




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129888.D
Acq: 18 Aug 2022 21:51

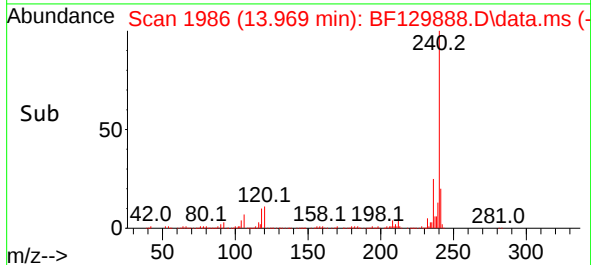
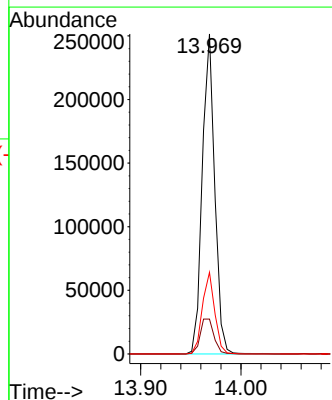
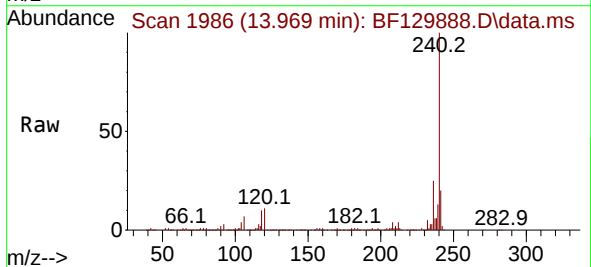
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUM

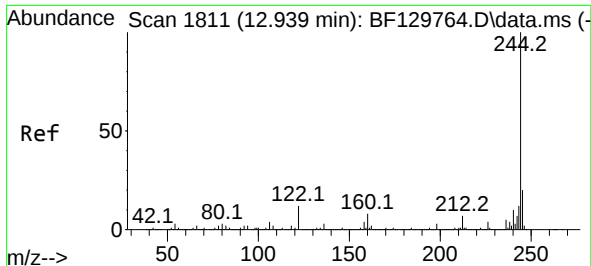
Tgt Ion:188 Resp: 400966
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BF129888.D
Acq: 18 Aug 2022 21:51

Tgt Ion:240 Resp: 217484
Ion Ratio Lower Upper
240 100
120 10.9 9.2 13.8
236 25.5 20.7 31.1

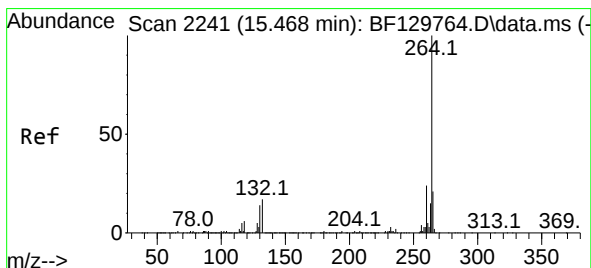
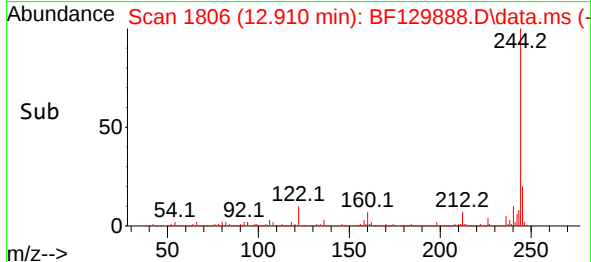
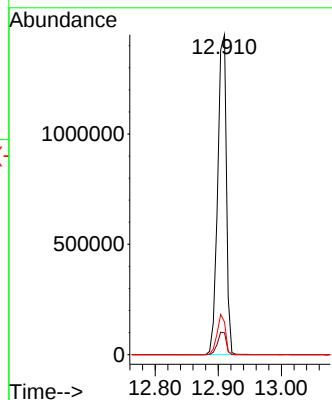
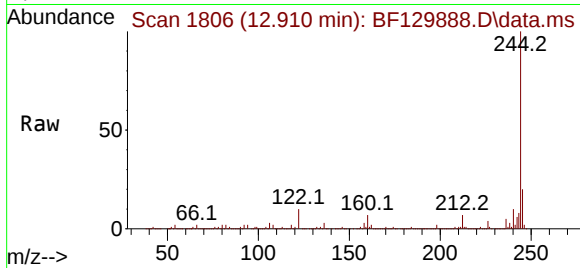




#79
 Terphenyl-d14
 Concen: 105.480 ng
 RT: 12.910 min Scan# 1806
 Delta R.T. 0.000 min
 Lab File: BF129888.D
 Acq: 18 Aug 2022 21:51

Instrument :
 BNA_F
 ClientSampleId :
 BLDG-4-BASEMENT-DRUM

Tgt Ion:244 Resp: 1378674
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 10.2 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2234
 Delta R.T. 0.000 min
 Lab File: BF129888.D
 Acq: 18 Aug 2022 21:51

Tgt Ion:264 Resp: 250507
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 21.5 16.7 25.1

