

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121076.D
 Acq On : 28 Jul 2020 18:47
 Operator : JU/CG
 Sample : L3439-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001A

Quant Time: Jul 28 19:11:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

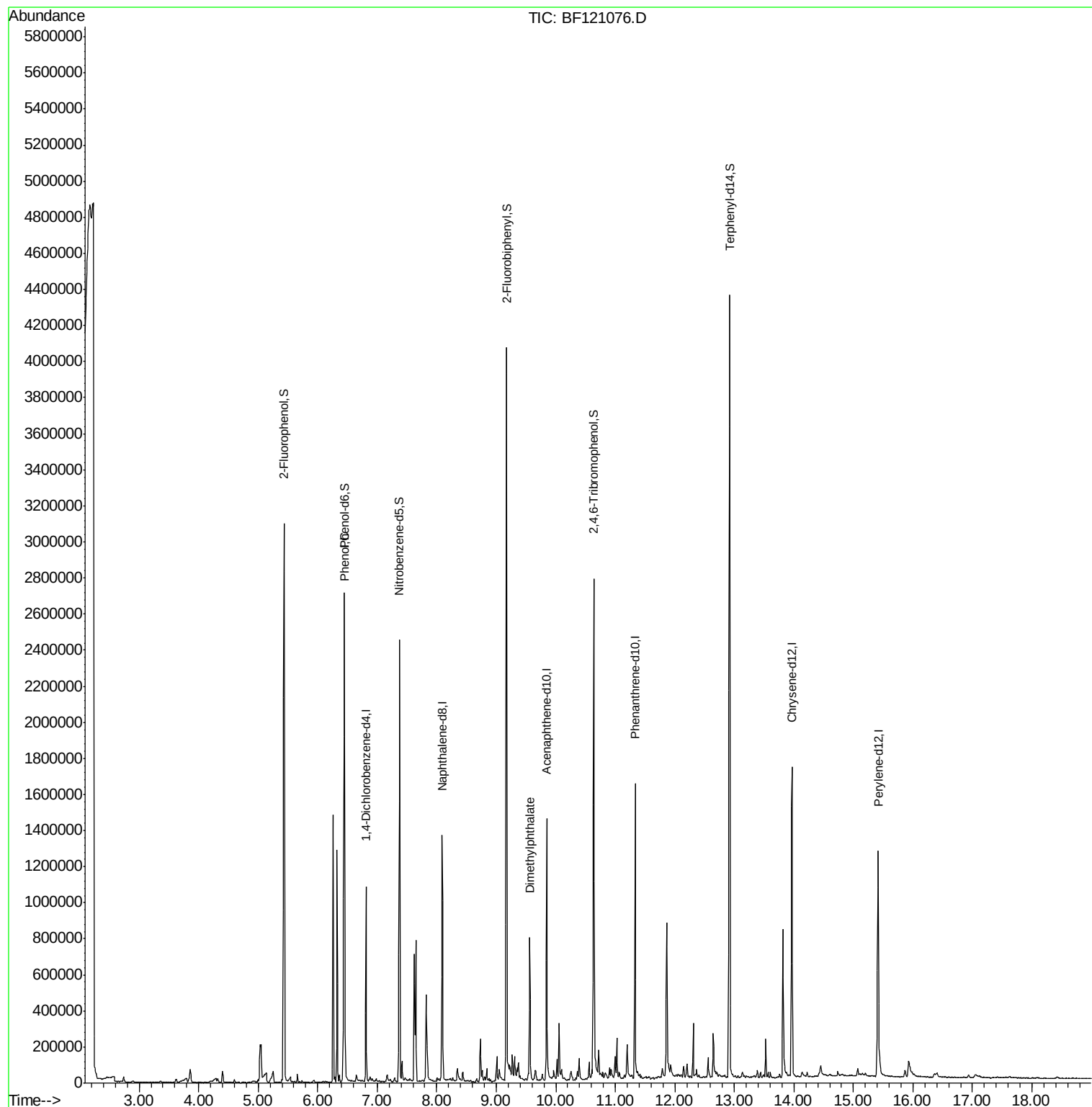
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	156434	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	601052	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	321446	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	639749	20.00	ng	0.00
76) Chrysene-d12	13.97	240	626536	20.00	ng	0.00
86) Perylene-d12	15.42	264	665949	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1072912	112.44	ng	0.01
7) Phenol-d6	6.45	99	1167896	94.75	ng	0.00
23) Nitrobenzene-d5	7.37	82	899837	86.63	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	471666	134.05	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1638308	76.10	ng	0.00
79) Terphenyl-d14	12.92	244	1830444	63.51	ng	0.00
Target Compounds						
10) Phenol	6.46	94	51943	3.831	ng	93
50) Dimethylphthalate	9.56	163	309990	13.367	ng	99

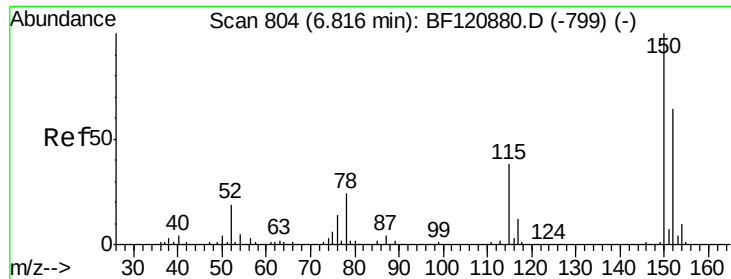
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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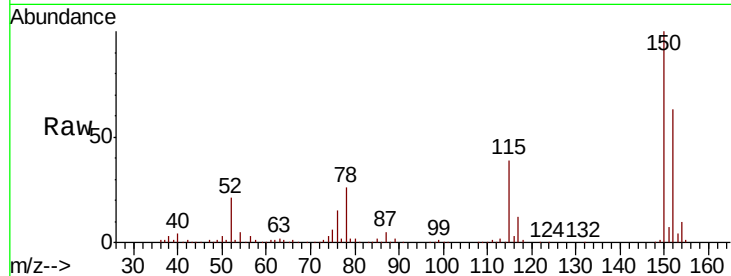


#1

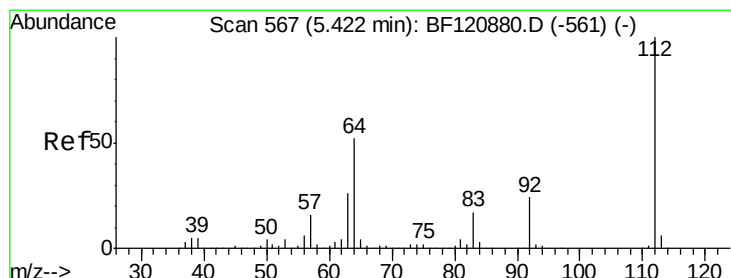
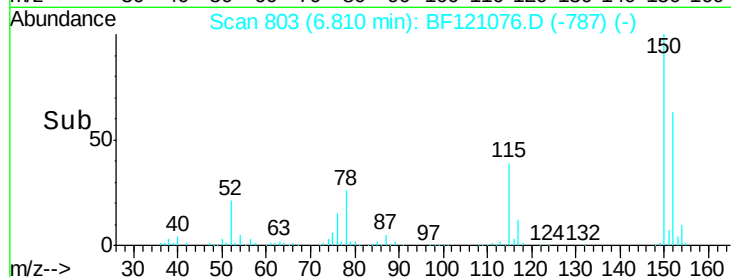
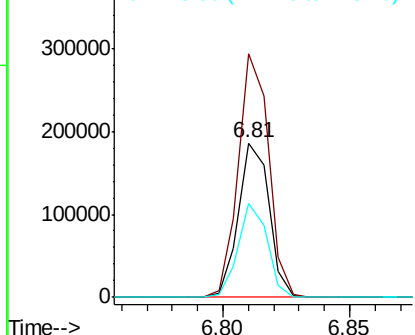
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121076.D
Acq: 28 Jul 2020 18:47

Instrument :
BNA_F
ClientSampleId :
20200438-3001A

Tot Ion:152 Resp: 156434
Ion Ratio Lower Upper
152 100
150 157.6 125.0 187.6
115 61.1 47.0 70.4



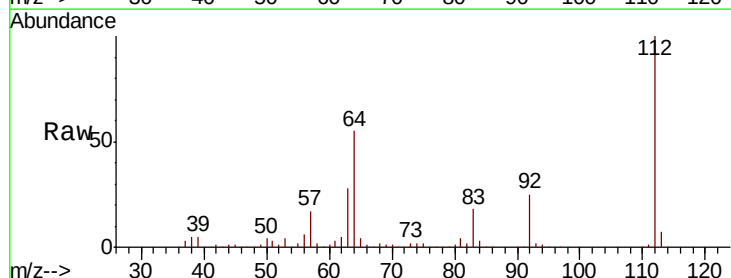
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



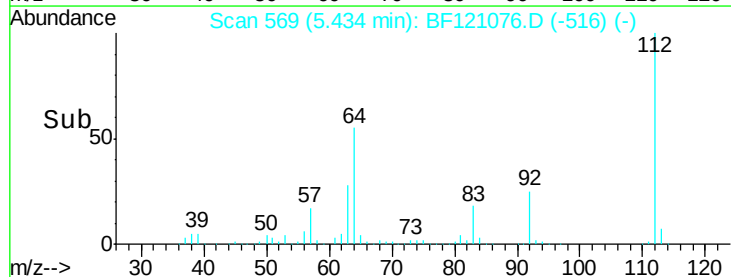
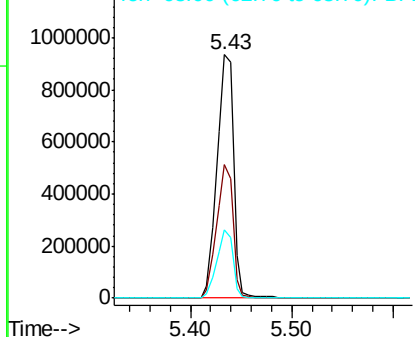
#5

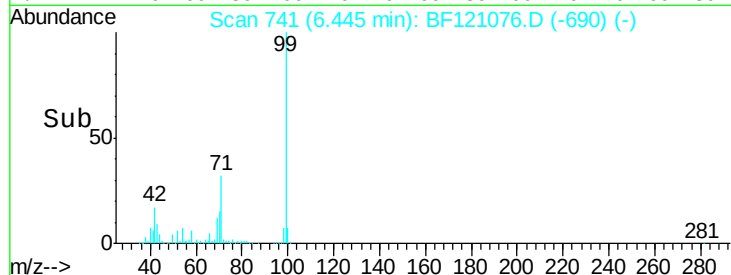
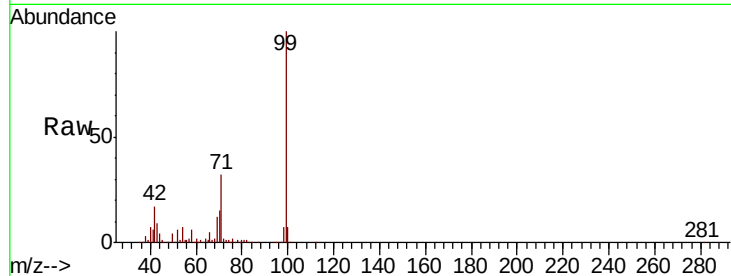
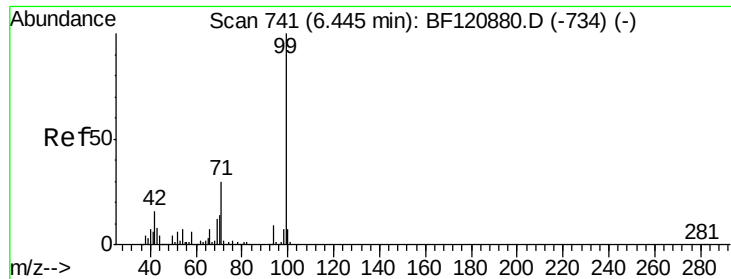
2-Fluorophenol
Concen: 112.436 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF121076.D
Acq: 28 Jul 2020 18:47

Tgt Ion:112 Resp: 1072912
Ion Ratio Lower Upper
112 100
64 54.8 41.3 61.9
63 28.1 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 94.748 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121076.D

Acq: 28 Jul 2020 18:47

Instrument :

BNA_F

ClientSampleId :

20200438-3001A

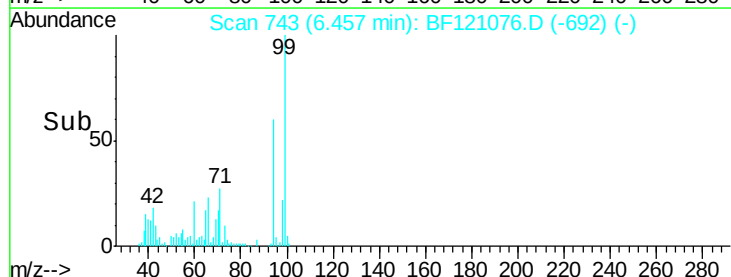
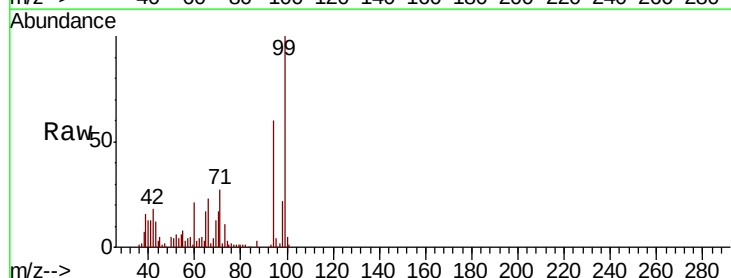
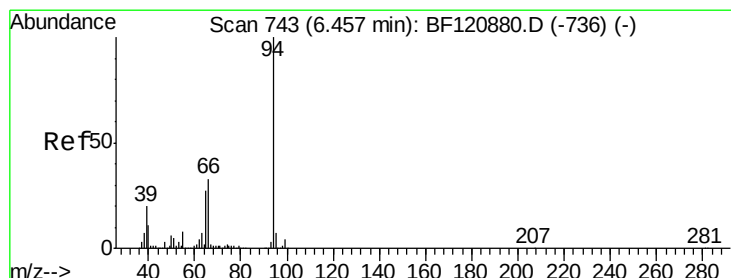
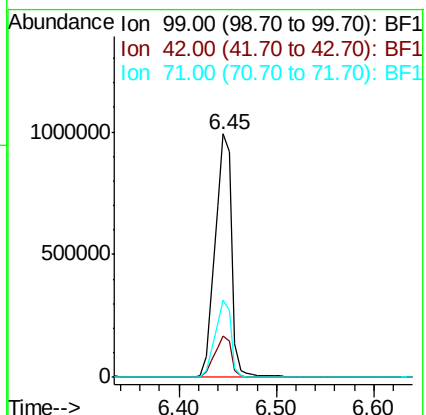
Tot Ion: 99 Resp: 1167896

Ion Ratio Lower Upper

99 100

42 17.3 13.1 19.7

71 31.8 24.2 36.4



#10

Phenol

Concen: 3.831 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF121076.D

Acq: 28 Jul 2020 18:47

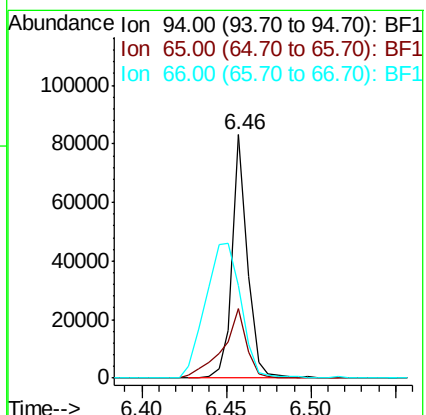
Tgt Ion: 94 Resp: 51943

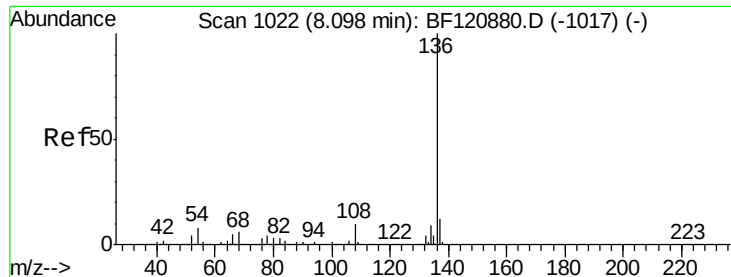
Ion Ratio Lower Upper

94 100

65 28.5 6.6 46.6

66 38.2 13.2 53.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121076.D

Acq: 28 Jul 2020 18:47

Instrument :

BNA_F

ClientSampleId :

20200438-3001A

Tot Ion:136 Resp: 601052

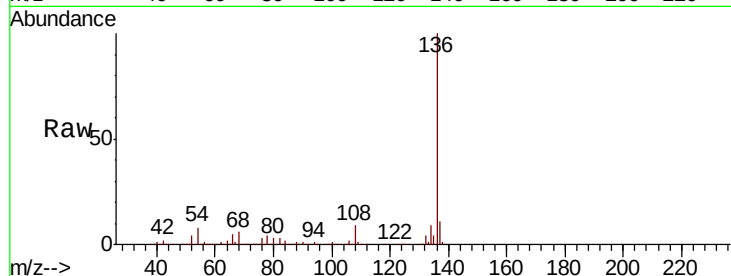
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.8 6.3 9.5

68 6.3 5.0 7.4

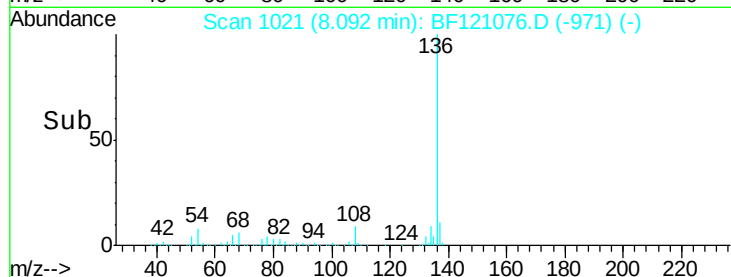


Abundance Ion 136.00 (135.70 to 136.70): E

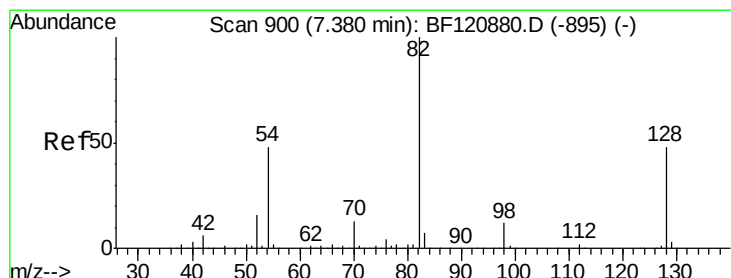
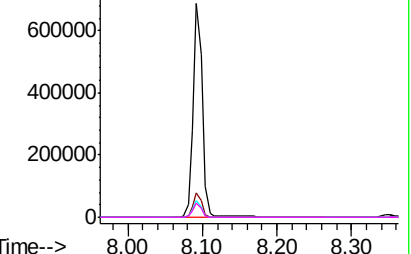
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 86.627 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF121076.D

Acq: 28 Jul 2020 18:47

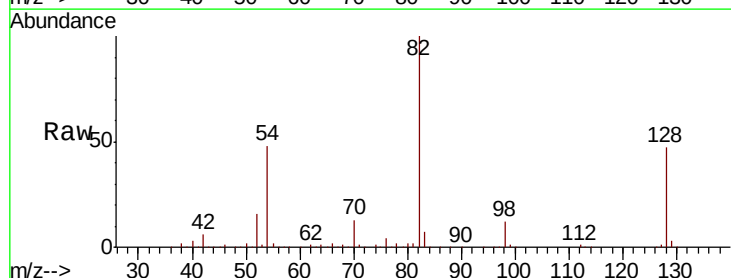
Tgt Ion: 82 Resp: 899837

Ion Ratio Lower Upper

82 100

128 46.6 38.2 57.4

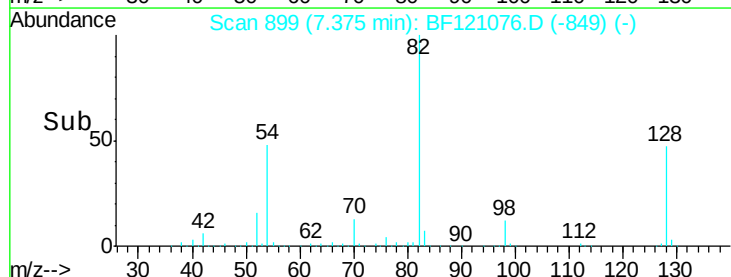
54 47.6 38.7 58.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

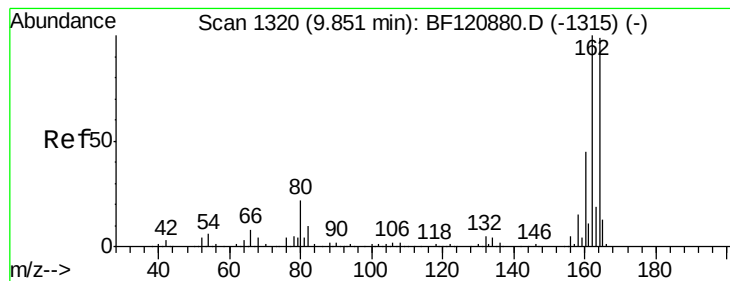
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF121076.D

Acq: 28 Jul 2020 18:47

Instrument :

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ClientSampleId :

20200438-3001A

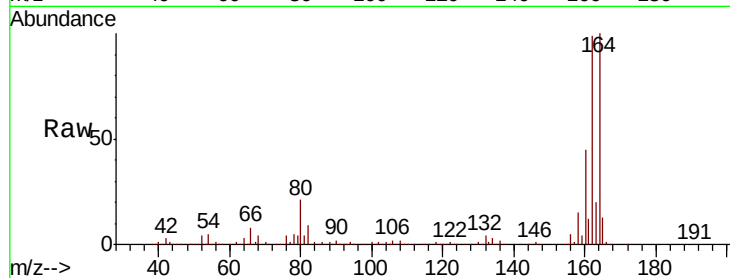
Tot Ion:164 Resp: 321446

Ion Ratio Lower Upper

164 100

162 98.9 81.2 121.8

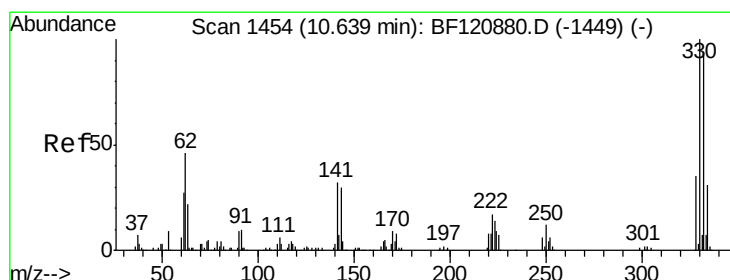
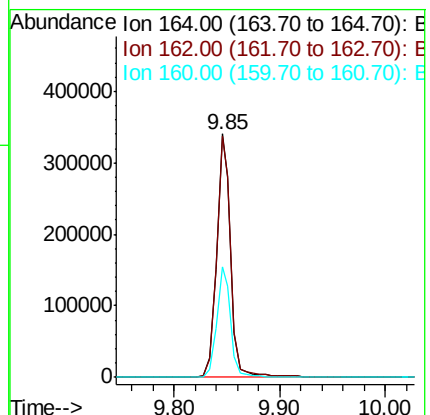
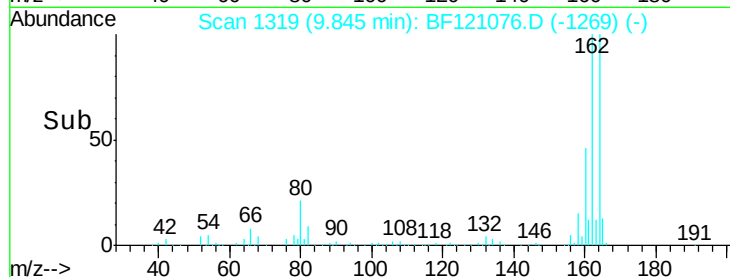
160 45.3 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 134.051 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF121076.D

Acq: 28 Jul 2020 18:47

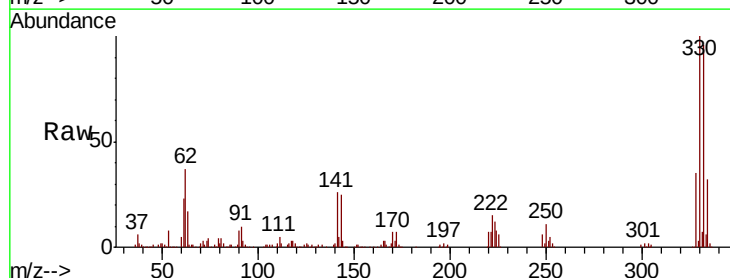
Tgt Ion:330 Resp: 471666

Ion Ratio Lower Upper

330 100

332 96.4 75.5 113.3

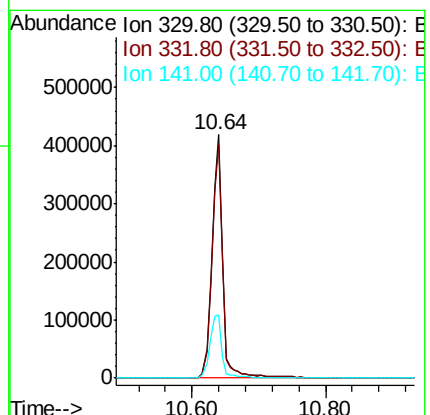
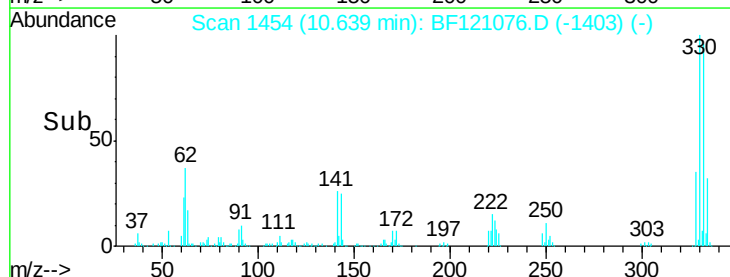
141 29.6 25.7 38.5

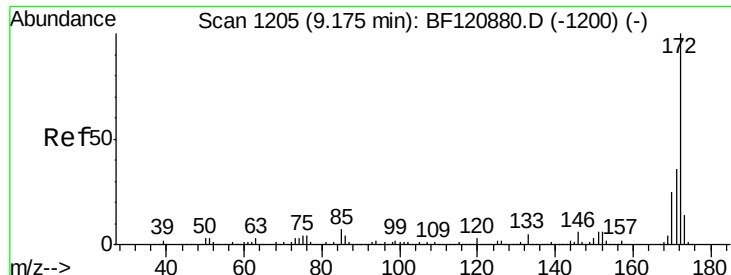


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

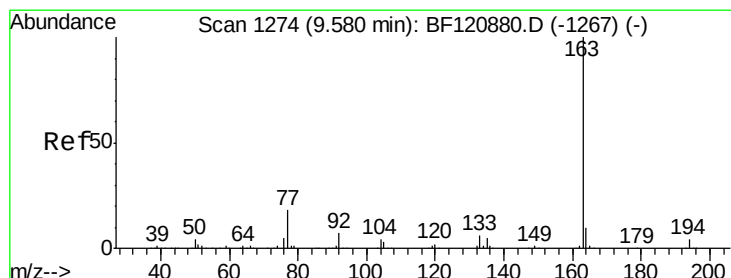
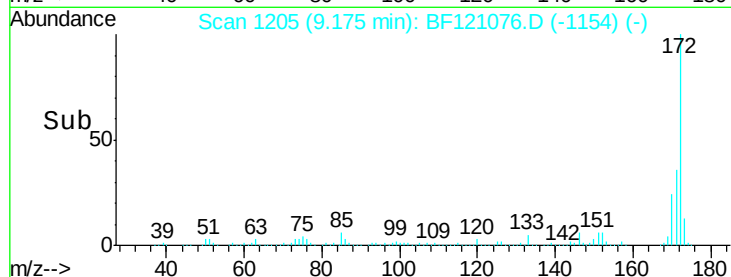
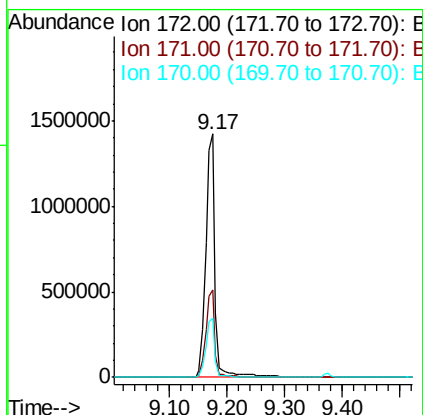
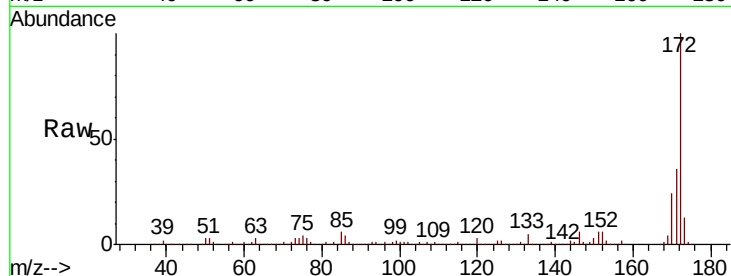




#45
2-Fluorobiphenyl
Concen: 76.096 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121076.D
Acq: 28 Jul 2020 18:47

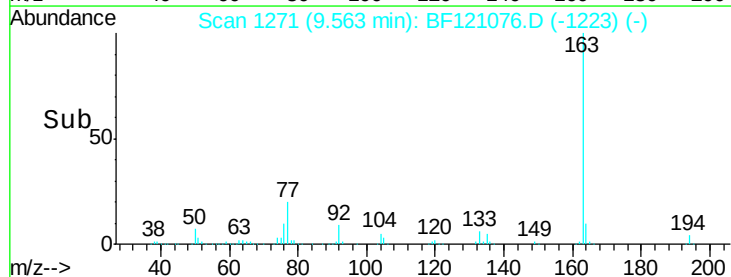
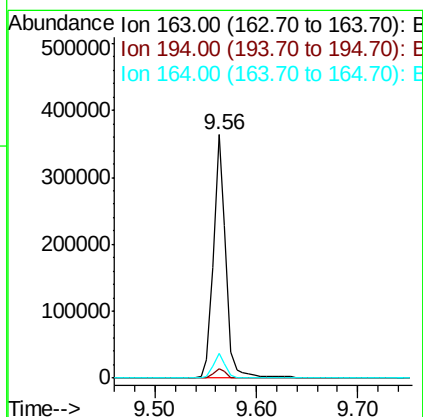
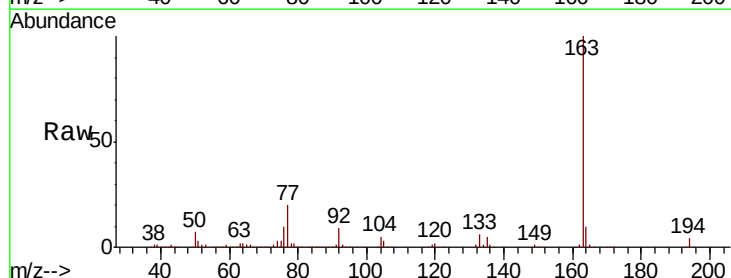
Instrument :
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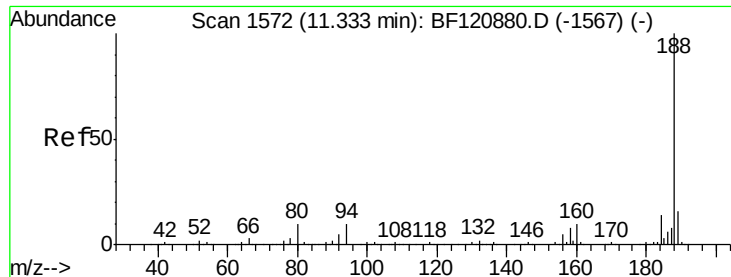
Tot Ion:172 Resp: 1638308
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 24.3 19.6 29.4



#50
Dimethylphthalate
Concen: 13.367 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121076.D
Acq: 28 Jul 2020 18:47

Tgt Ion:163 Resp: 309990
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.3 7.9 11.9

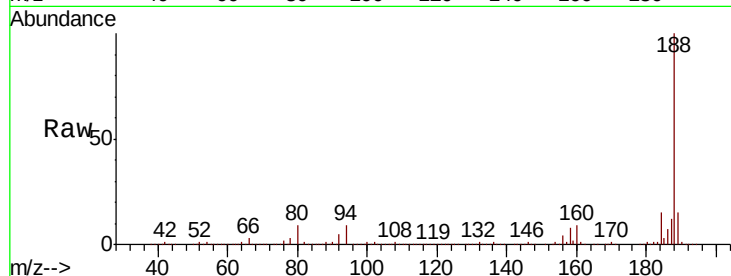




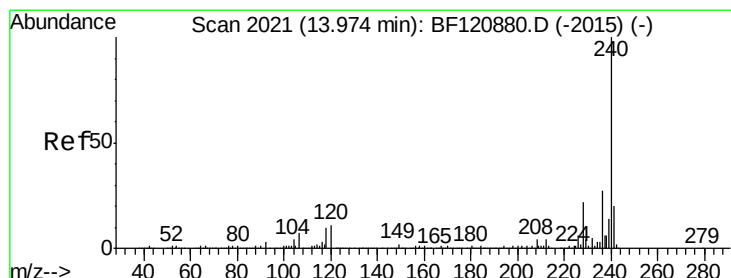
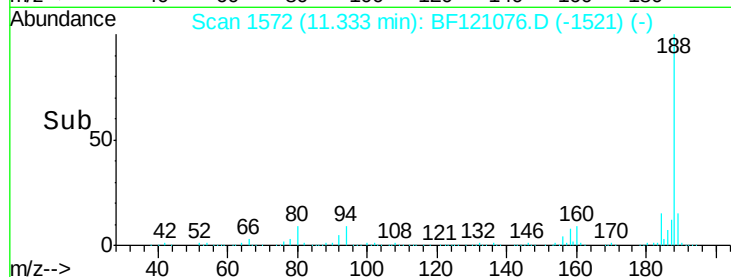
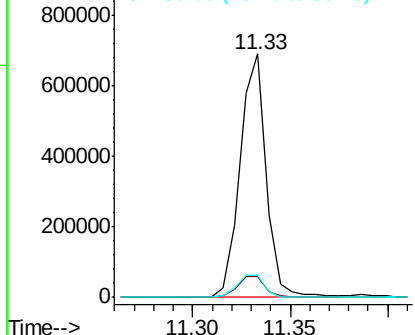
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF121076.D
 Acq: 28 Jul 2020 18:47

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001A

Tot Ion:188 Resp: 639749
 Ion Ratio Lower Upper
 188 100
 94 8.5 8.0 12.0
 80 9.1 8.3 12.5

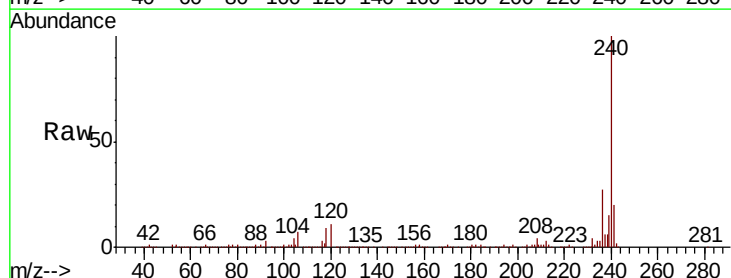


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

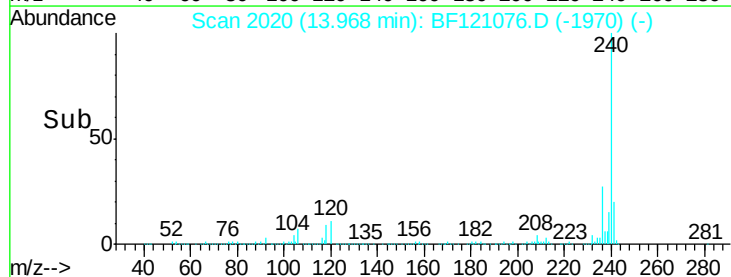
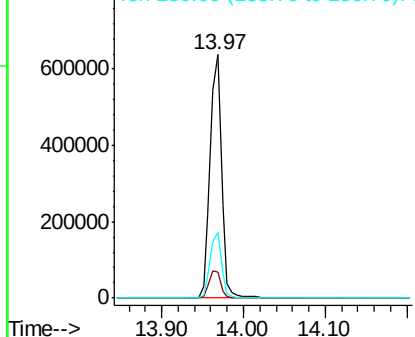


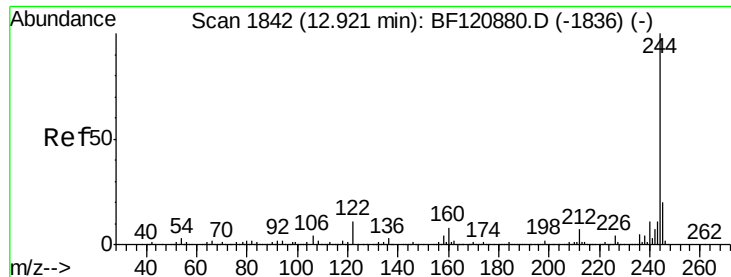
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF121076.D
 Acq: 28 Jul 2020 18:47

Tgt Ion:240 Resp: 626536
 Ion Ratio Lower Upper
 240 100
 120 10.6 9.0 13.4
 236 27.1 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

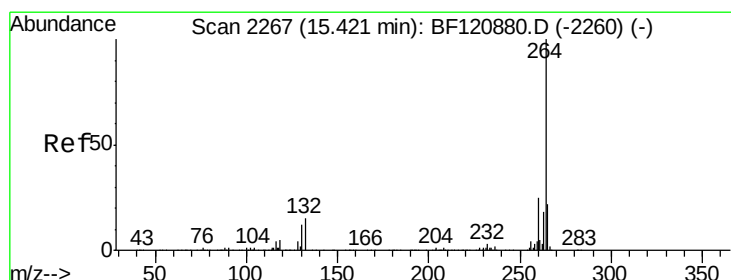
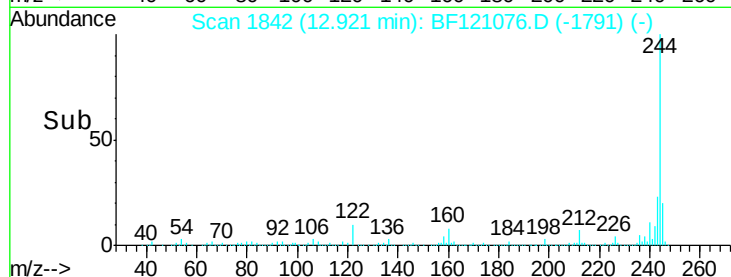
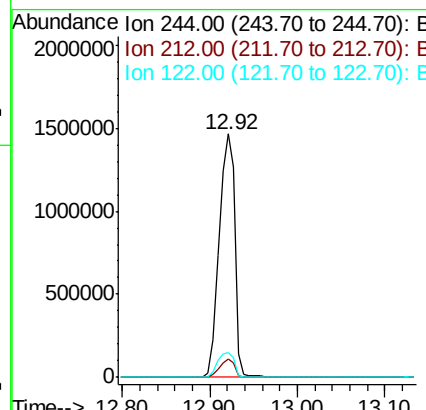
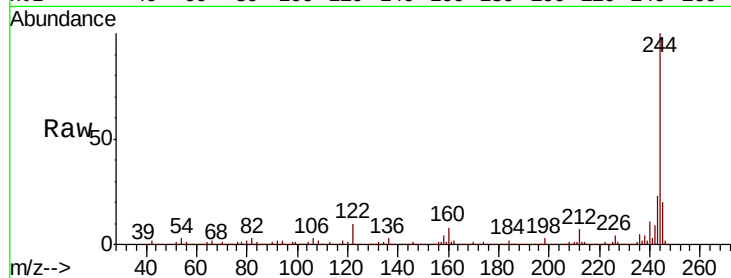




#79
 Terphenyl-d14
 Concen: 63.508 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF121076.D
 Acq: 28 Jul 2020 18:47

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001A

Tot Ion:244 Resp: 1830444
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 10.0 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF121076.D
 Acq: 28 Jul 2020 18:47

Tgt Ion:264 Resp: 665949
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.0 30.0
 265 21.4 17.4 26.2

