

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 19:08:59 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

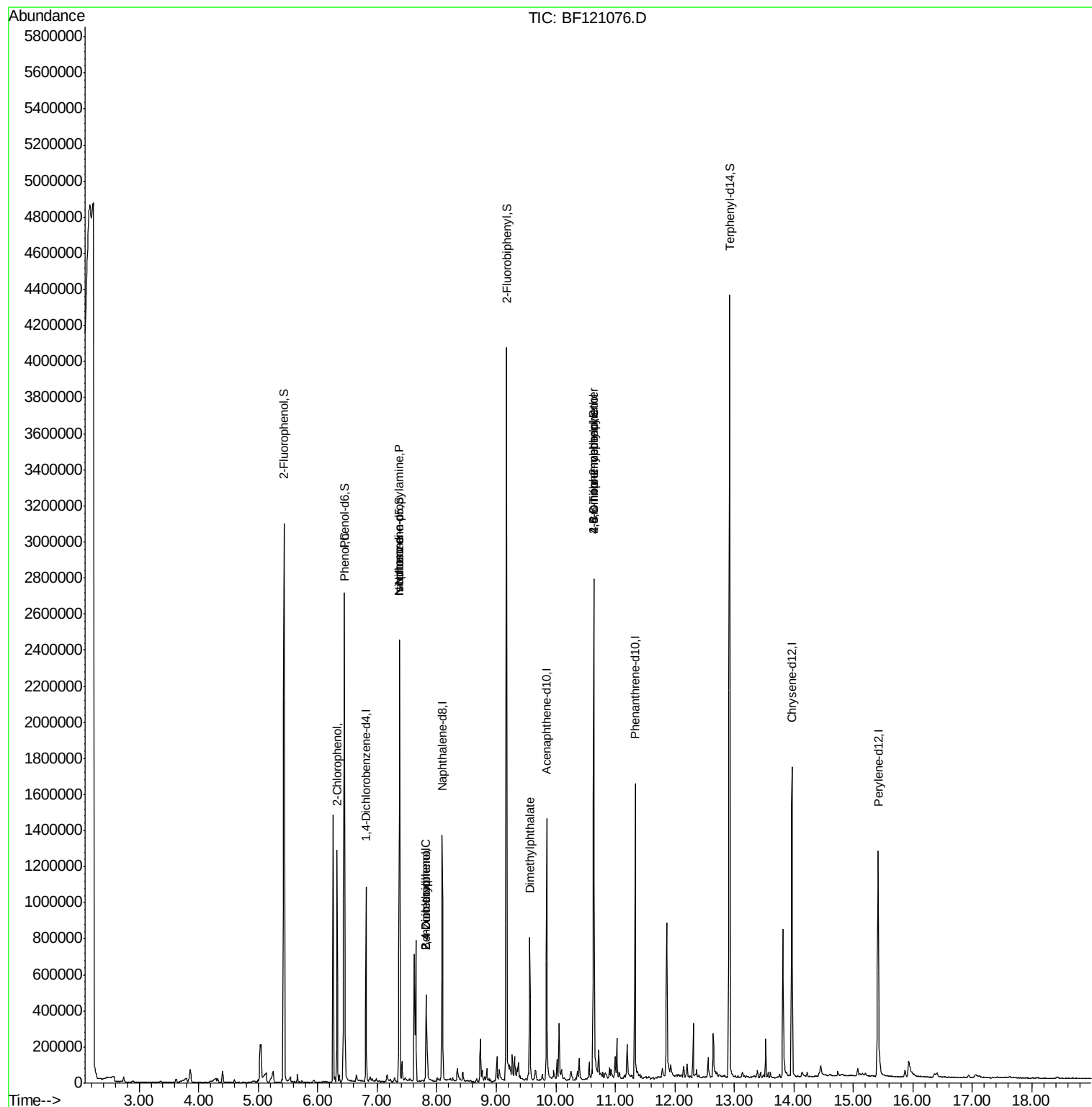
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) 2-Chlorophenol	6.33	128	43605	4.148	ng	# 54
9) Benzaldehyde	6.36	77	7646	Below Cal		95
10) Phenol	6.46	94	51943	3.831	ng	93
19) n-Nitroso-di-n-propylamine	7.37	70	120077	17.131	ng	# 78
25) Isophorone	7.37	82	899828	43.405	ng	# 63
27) 2,4-Dimethylphenol	7.83	122	21763	2.521	ng	# 8
29) 2,4-Dichlorophenol	7.82	162	20043	2.272	ng	# 42
32) Benzoic acid	7.83	122	21763	3.358	ng	97
50) Dimethylphthalate	9.56	163	309990	13.367	ng	99
65) 4,6-Dinitro-2-methylphenol	10.64	198	825	4.048	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	26841	3.763	ng	# 1

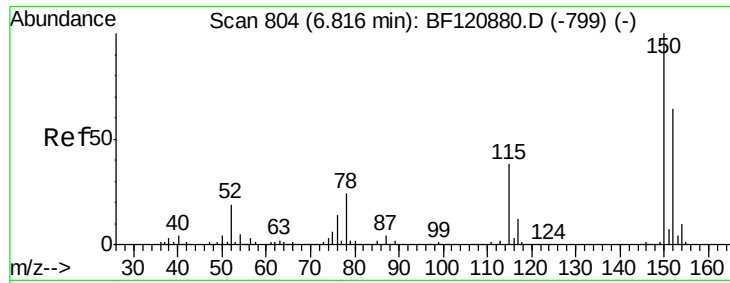
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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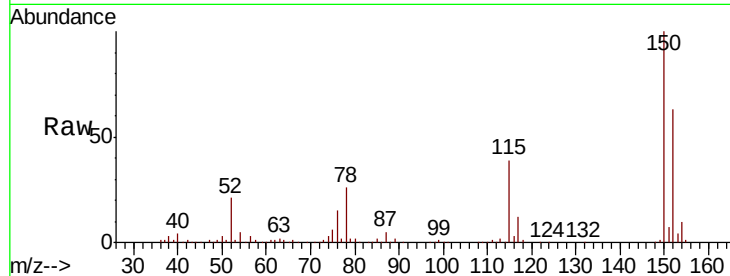


#1

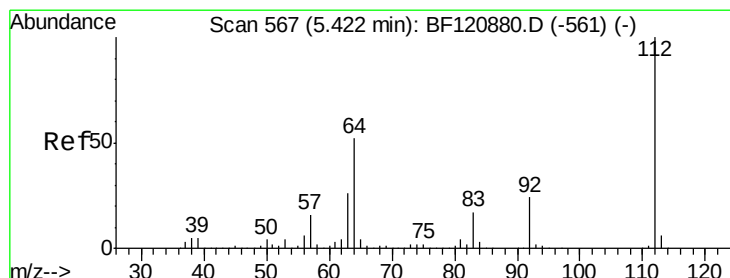
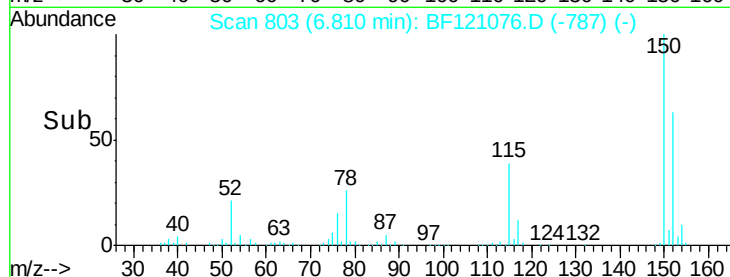
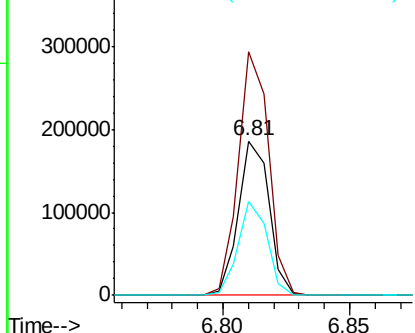
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121076.D
Acq: 28 Jul 2020 18:47

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



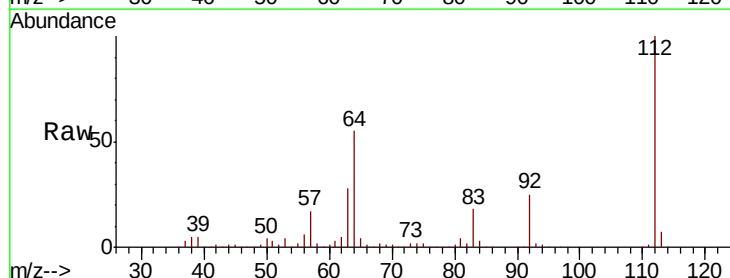
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



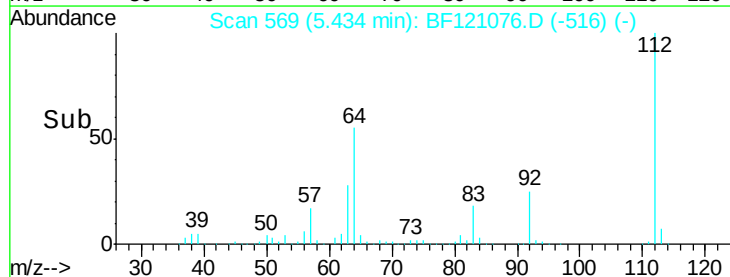
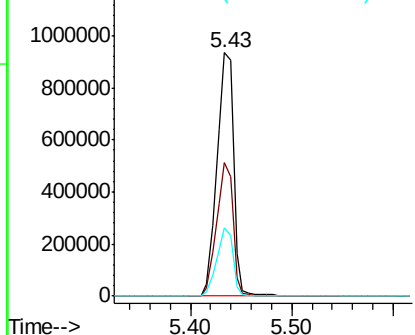
#5

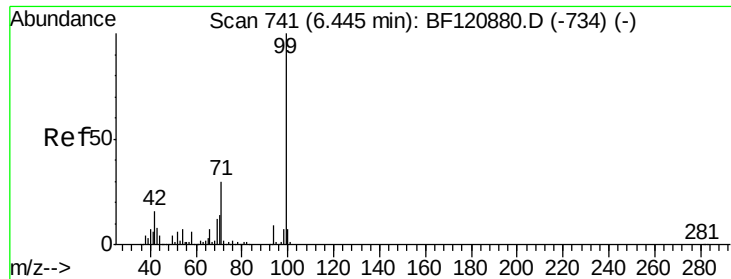
2-Fluorophenol
Concen: 112.436 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF121076.D
Acq: 28 Jul 2020 18:47

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

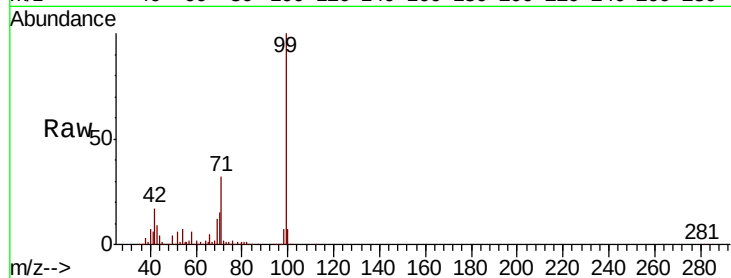
Tot Ion: 99 Resp: 1167896

Ion Ratio Lower Upper

99 100

42 17.3 13.1 19.7

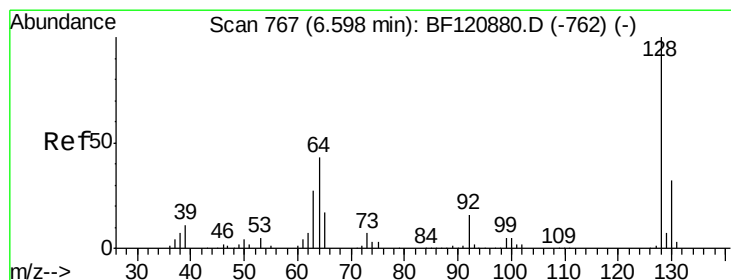
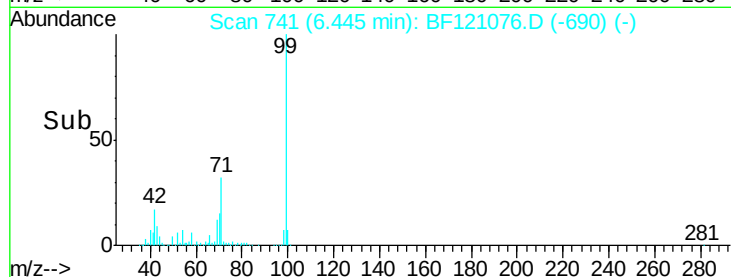
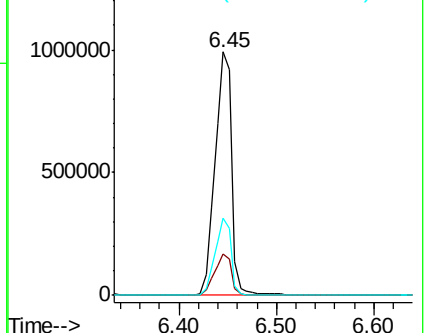
71 31.8 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 4.148 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.27 min

Lab File: BF121076.D

Acq: 28 Jul 2020 18:47

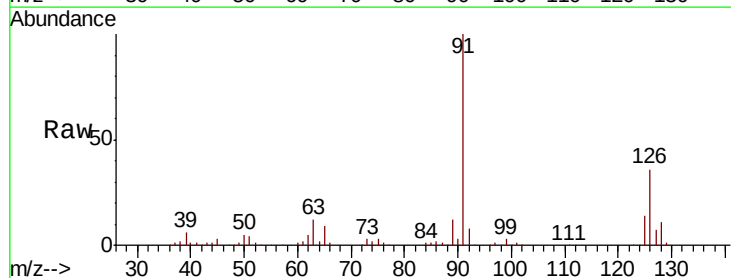
Tgt Ion: 128 Resp: 43605

Ion Ratio Lower Upper

128 100

130 0.0 12.1 52.1#

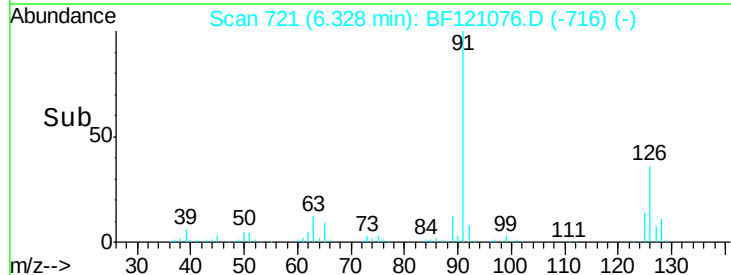
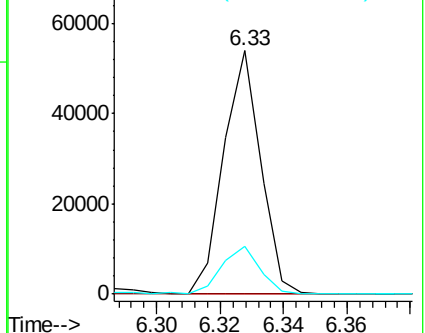
64 19.9 24.0 64.0#

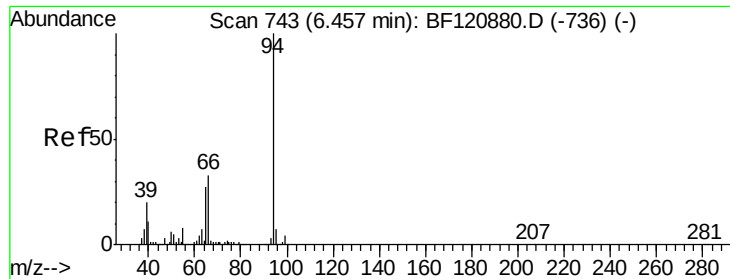


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#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

Instrument :

BNA_F

ClientSampleId :

20200438-3001A

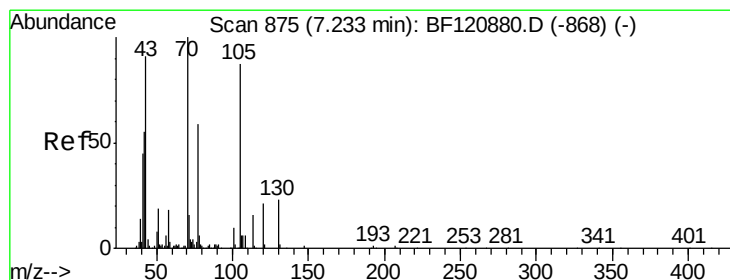
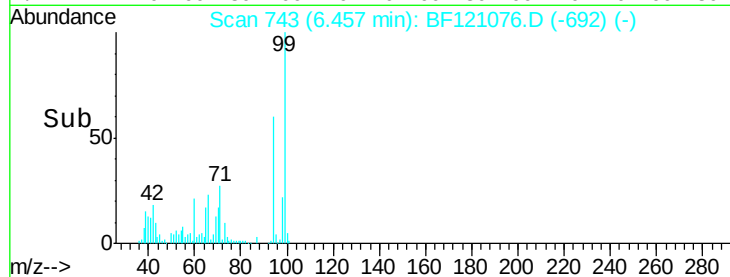
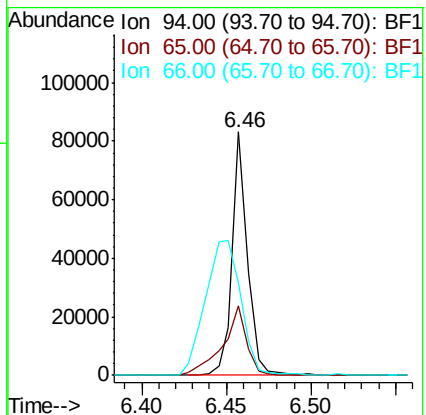
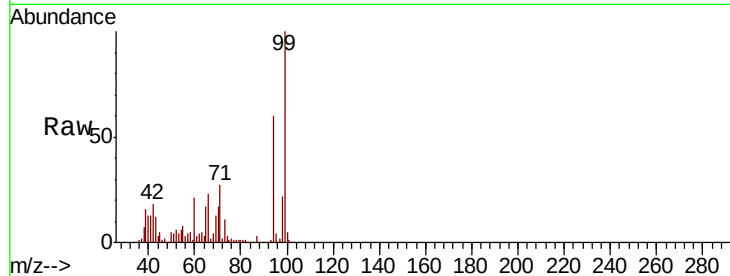
Tot Ion: 94 Resp: 51943

Ion Ratio Lower Upper

94 100

65 28.5 6.6 46.6

66 38.2 13.2 53.2



#19

n-Nitroso-di-n-propylamine

Concen: 17.131 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF121076.D

Acq: 28 Jul 2020 18:47

Tgt Ion: 70 Resp: 120077

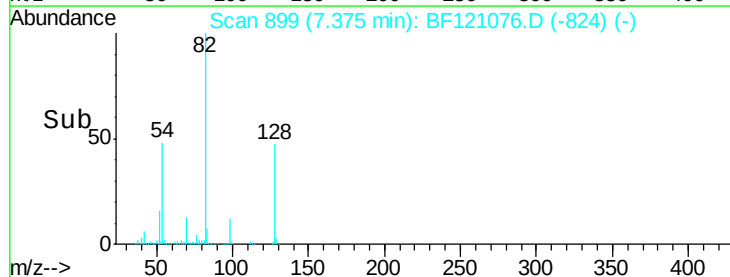
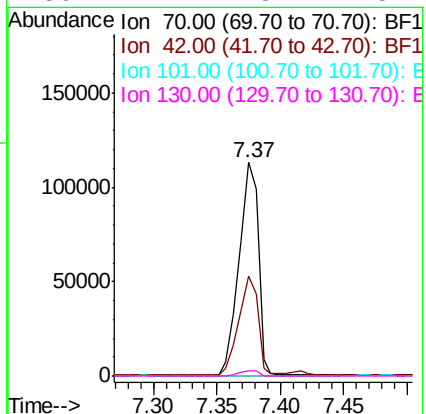
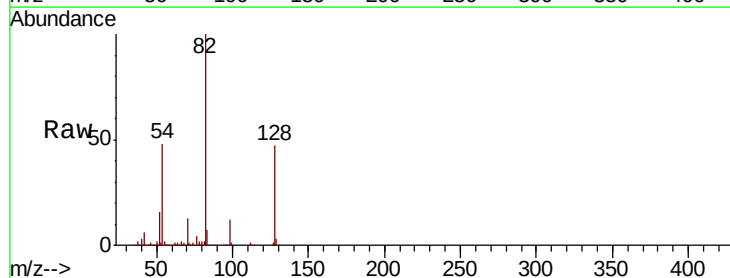
Ion Ratio Lower Upper

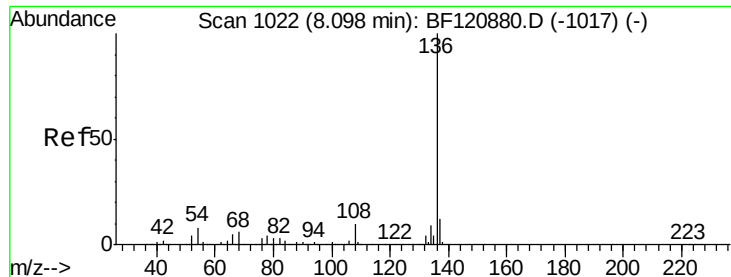
70 100

42 46.6 44.0 66.0

101 0.0 7.8 11.6#

130 2.4 18.7 28.1#





#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

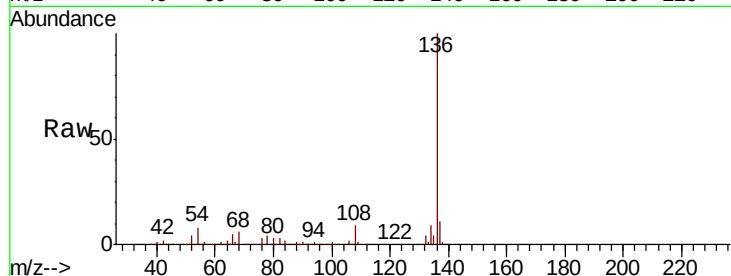
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.8 6.3 9.5

68 6.3 5.0 7.4

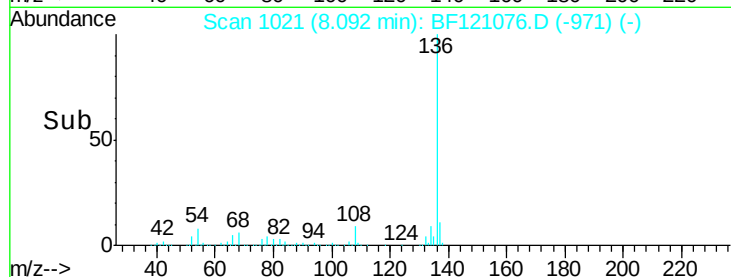


Abundance Ion 136.00 (135.70 to 136.70): E

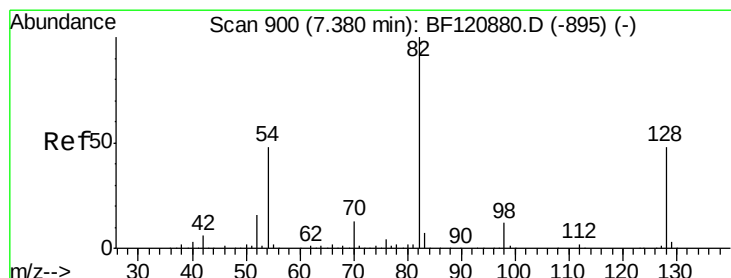
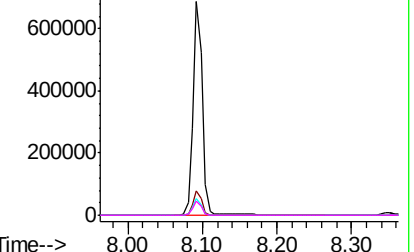
Ion 137.00 (136.70 to 137.70): E

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

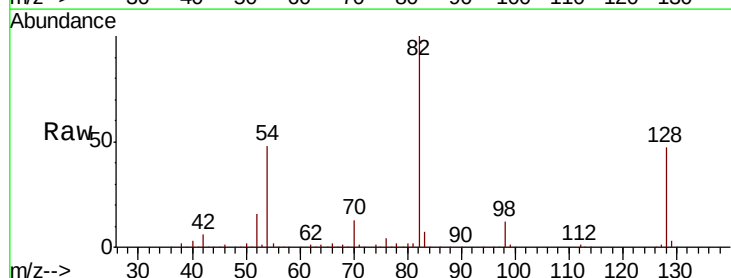
Tgt Ion: 82 Resp: 899837

Ion Ratio Lower Upper

82 100

128 46.6 38.2 57.4

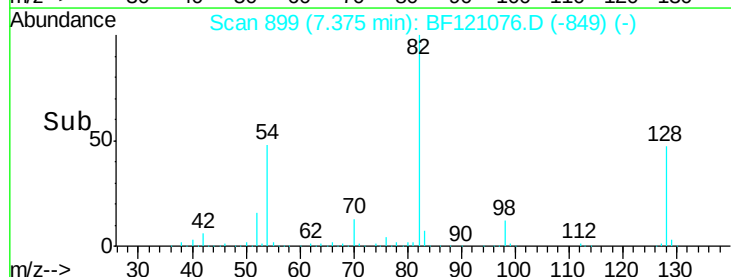
54 47.6 38.7 58.1



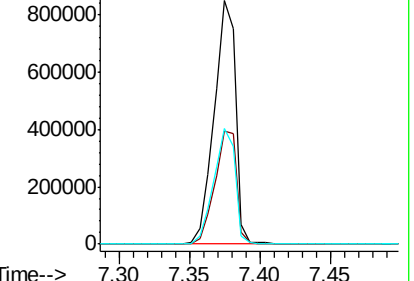
Abundance Ion 82.00 (81.70 to 82.70): BF1

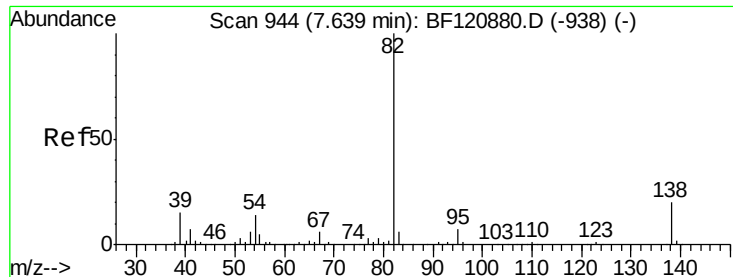
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->





#25

Isophorone

Concen: 43.405 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF121076.D

Acq: 28 Jul 2020 18:47

Instrument :

BNA_F

ClientSampleId :

20200438-3001A

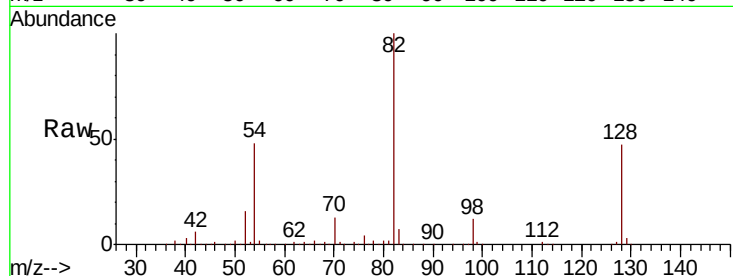
Tot Ion: 82 Resp: 899828

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

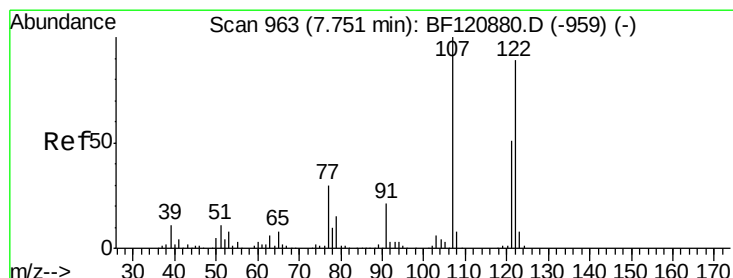
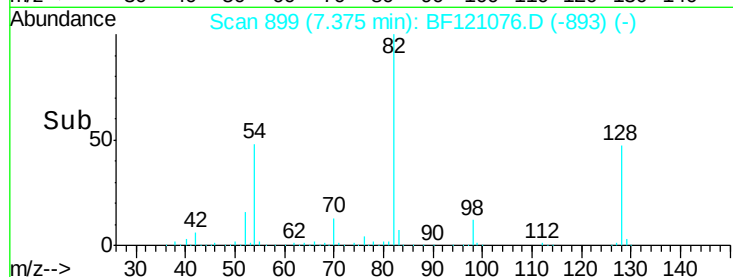
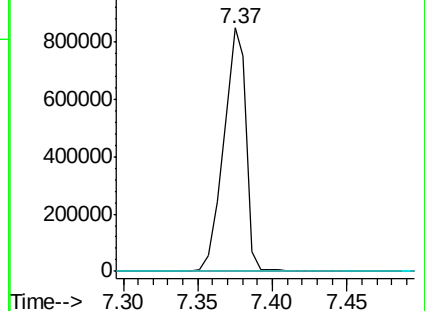
138 0.0 15.6 23.4#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#27

2,4-Dimethylphenol

Concen: 2.521 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.08 min

Lab File: BF121076.D

Acq: 28 Jul 2020 18:47

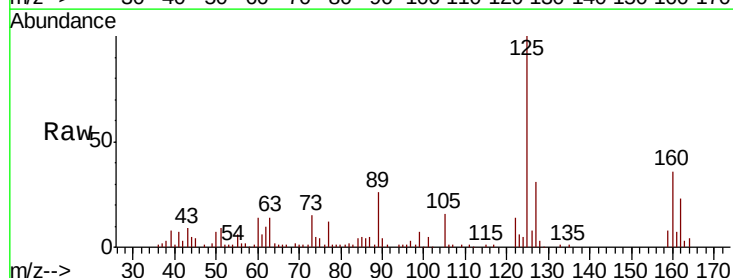
Tgt Ion:122 Resp: 21763

Ion Ratio Lower Upper

122 100

107 5.2 89.4 134.0#

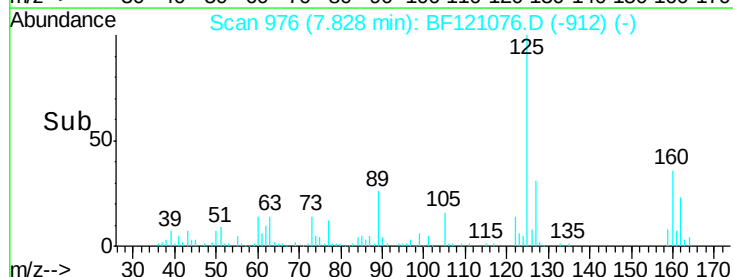
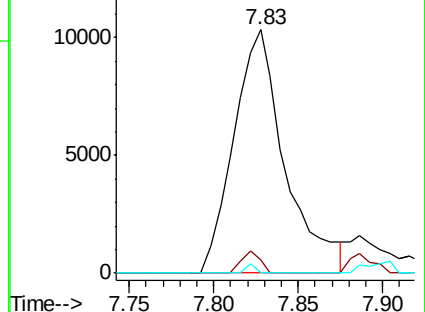
121 0.0 46.0 69.0#

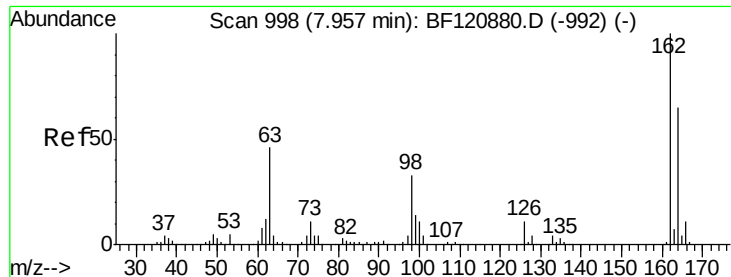


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

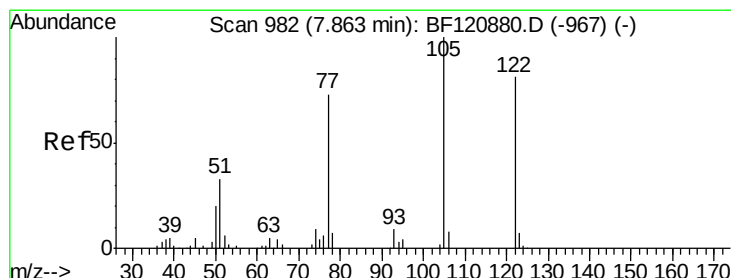
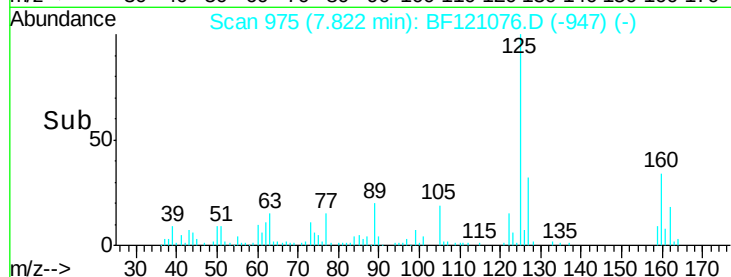
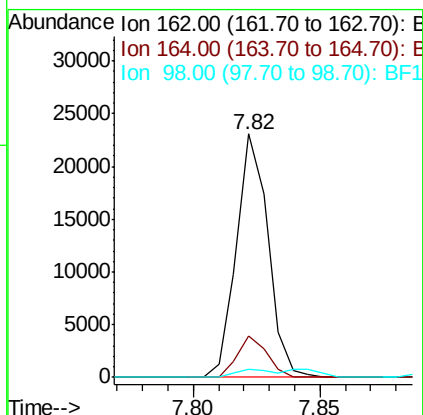
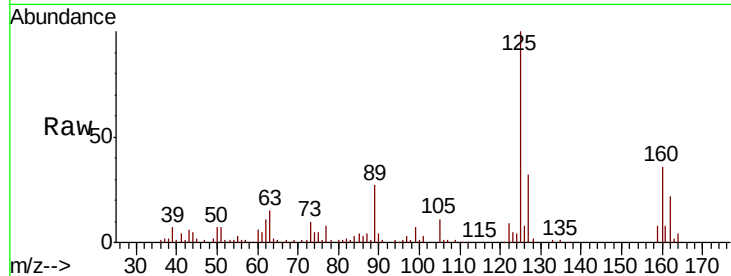




#29
2,4-Dichlorophenol
Concen: 2.272 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.14 min
Lab File: BF121076.D
Acq: 28 Jul 2020 18:47

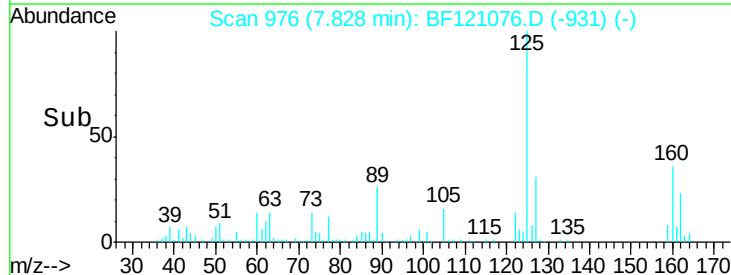
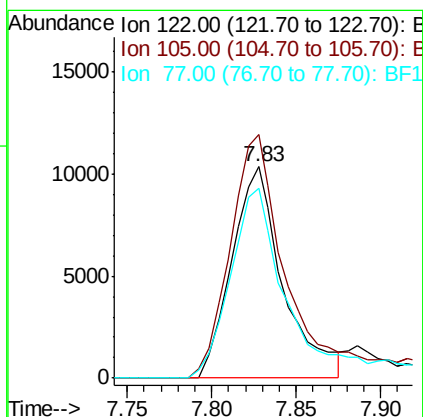
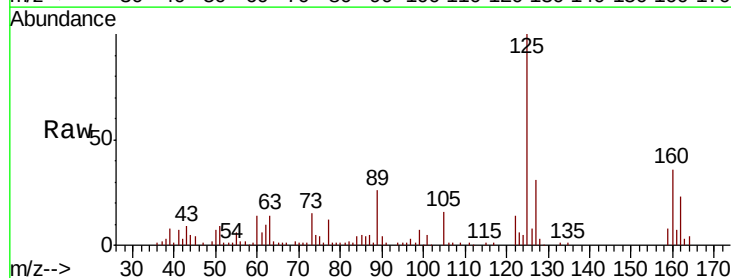
Instrument :
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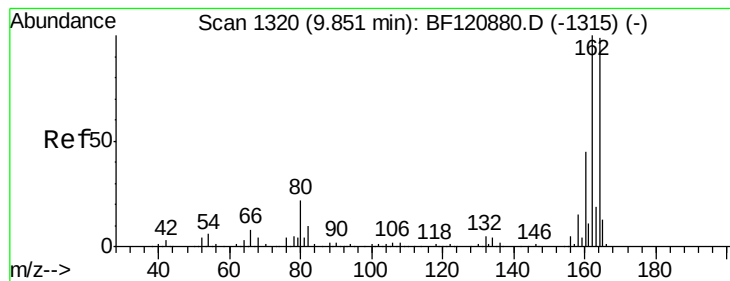
Tot Ion	Ratio	Lower	Upper
162	100		
164	16.9	45.3	85.3#
98	3.2	13.3	53.3#



#32
Benzoic acid
Concen: 3.358 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.04 min
Lab File: BF121076.D
Acq: 28 Jul 2020 18:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.4	101.3	141.3
77	89.9	69.1	109.1





#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 :

BNA_F

ClientSampleId :

20200438-3001A

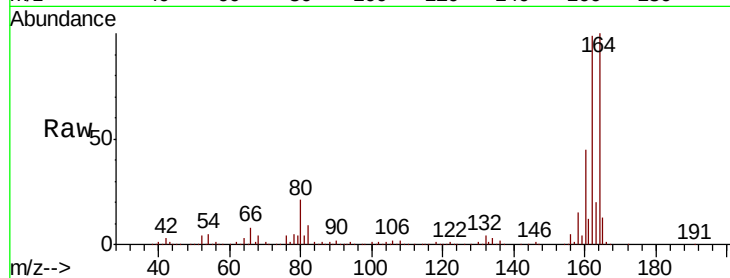
Tot Ion:164 Resp: 321446

Ion Ratio Lower Upper

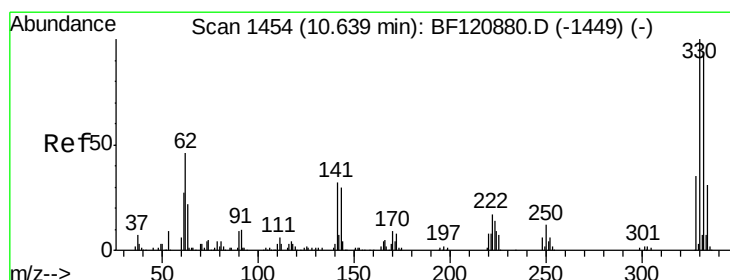
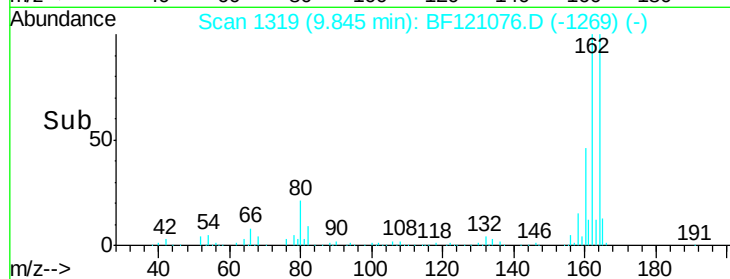
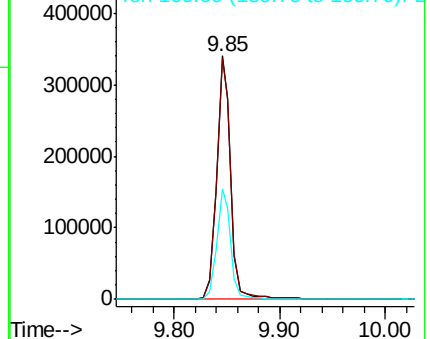
164 100

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

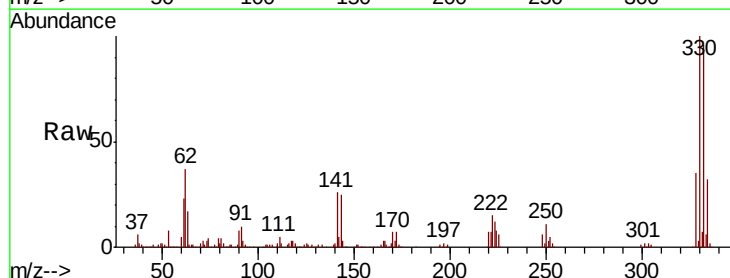
Tgt Ion:330 Resp: 471666

Ion Ratio Lower Upper

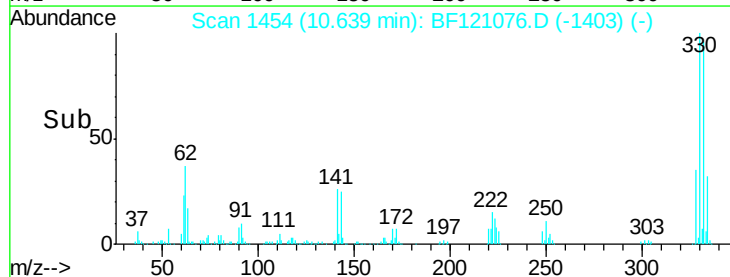
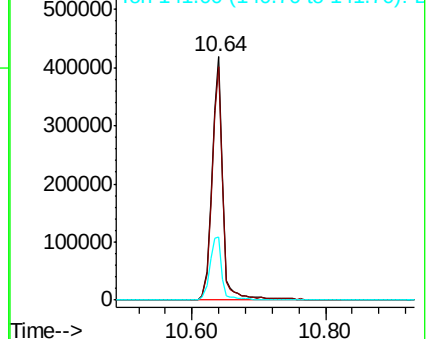
330 100

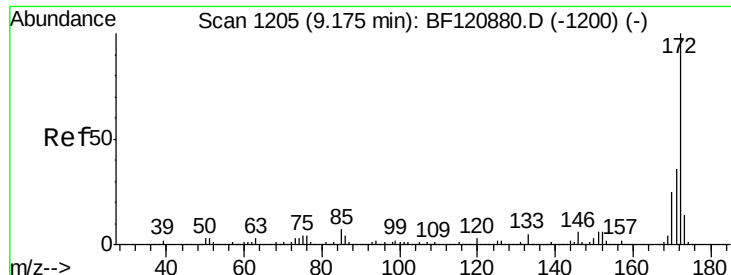
332 96.4 75.5 113.3

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

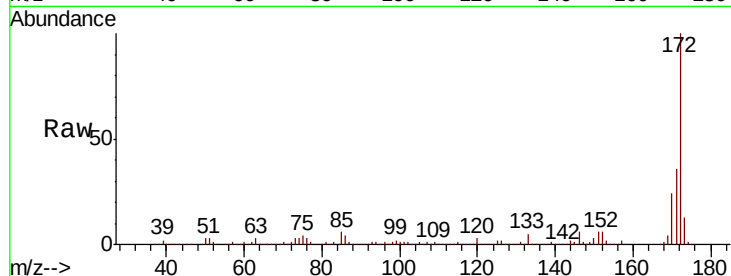




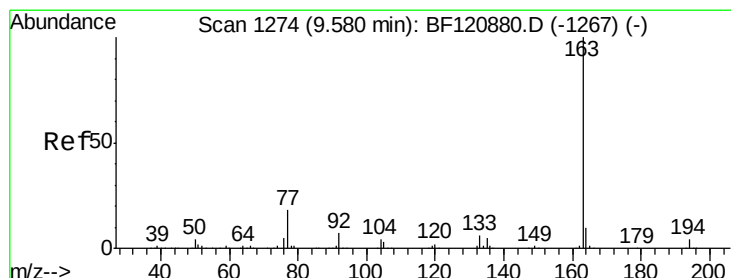
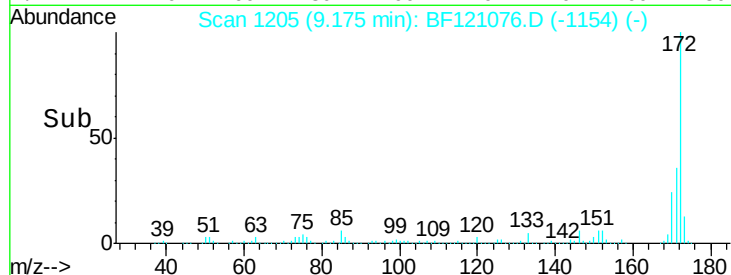
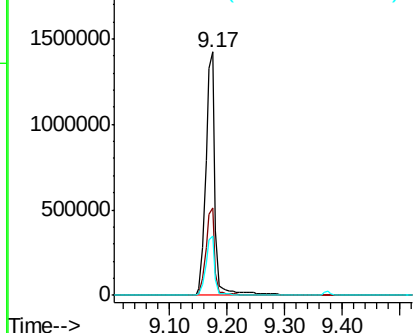
#45
2-Fluorobiphenyl
Concen: 76.096 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121076.D
Acq: 28 Jul 2020 18:47

Instrument :
BNA_F
ClientSampleId :
20200438-3001A

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

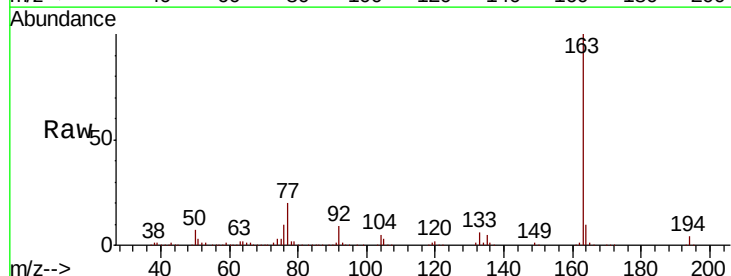


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

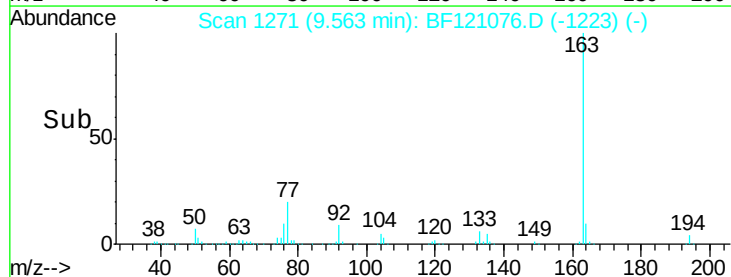
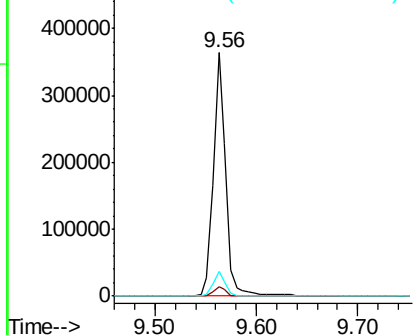


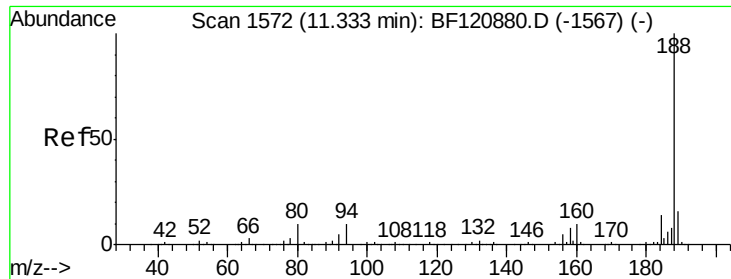
#50
Dimethylphthalate
Concen: 13.367 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121076.D
Acq: 28 Jul 2020 18:47

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



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

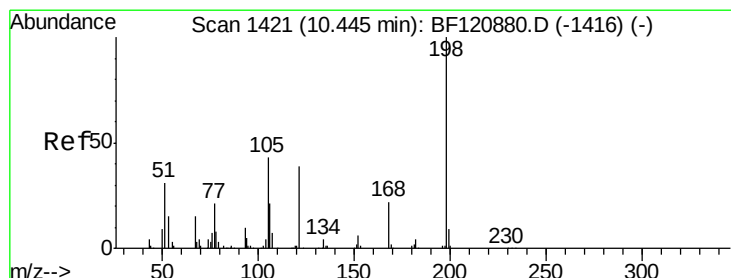
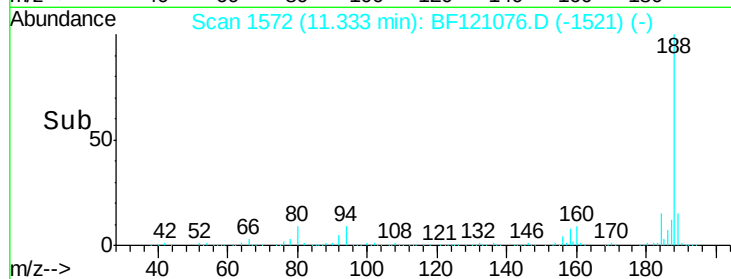
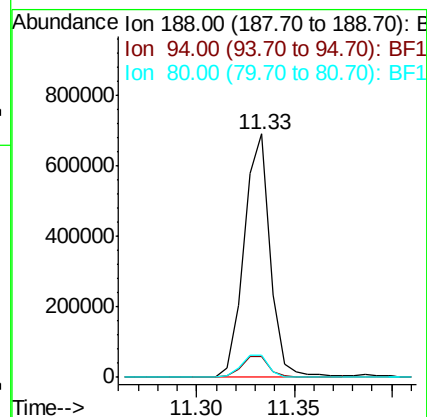
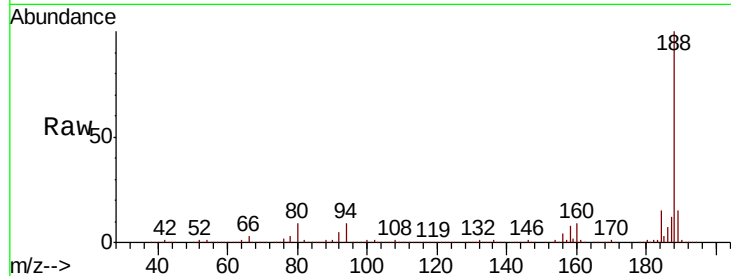




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121076.D
Acq: 28 Jul 2020 18:47

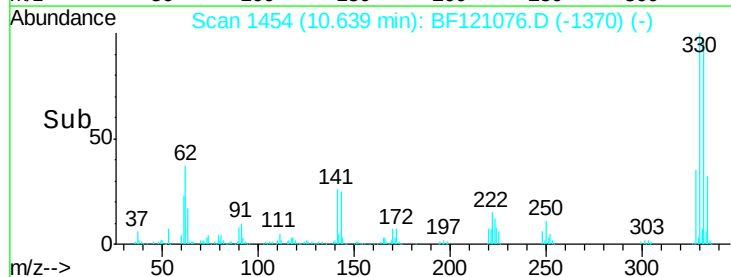
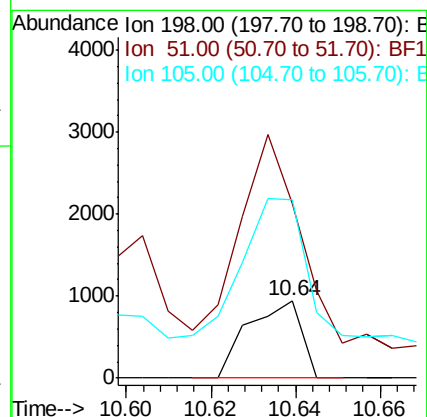
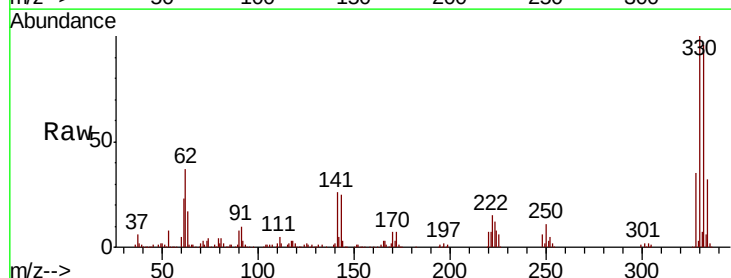
Instrument :
BNA_F
ClientSampleId :
20200438-3001A

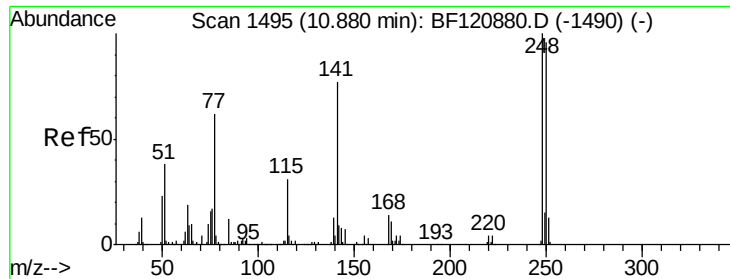
Tot Ion:188 Resp: 639749
Ion Ratio Lower Upper
188 100
94 8.5 8.0 12.0
80 9.1 8.3 12.5



#65
4,6-Dinitro-2-methylphenol
Concen: 4.048 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.19 min
Lab File: BF121076.D
Acq: 28 Jul 2020 18:47

Tgt Ion:198 Resp: 825
Ion Ratio Lower Upper
198 100
51 225.7 19.5 59.5#
105 229.4 24.4 64.4#

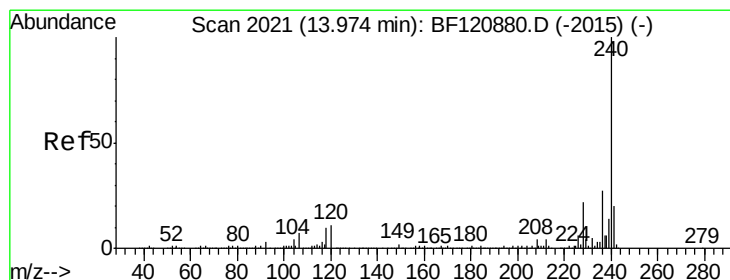
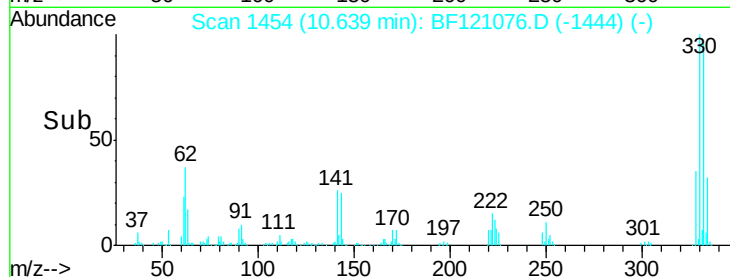
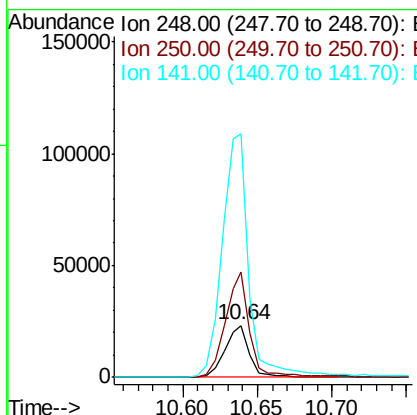
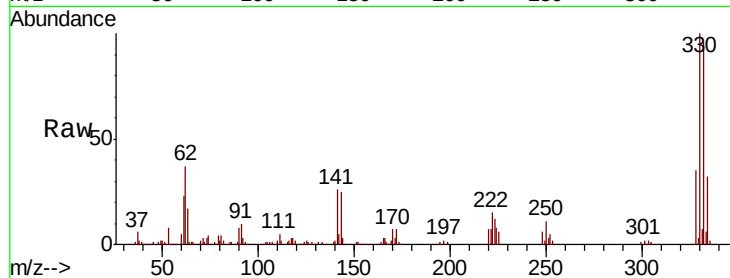




#67
 4-Bromophenyl-phenylether
 Concen: 3.763 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF121076.D
 Acq: 28 Jul 2020 18:47

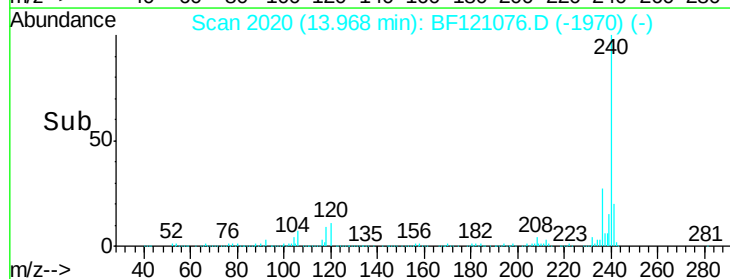
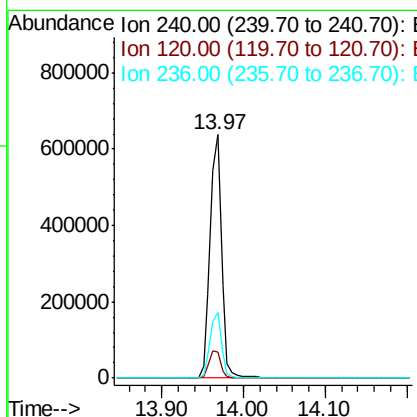
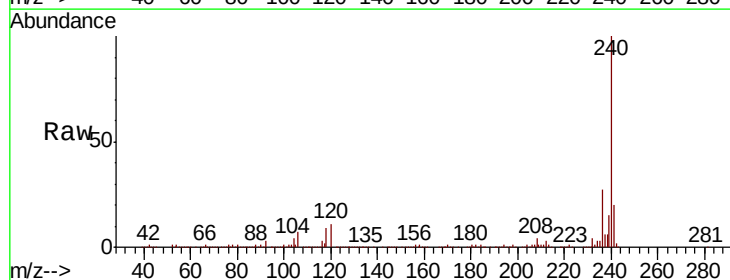
Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001A

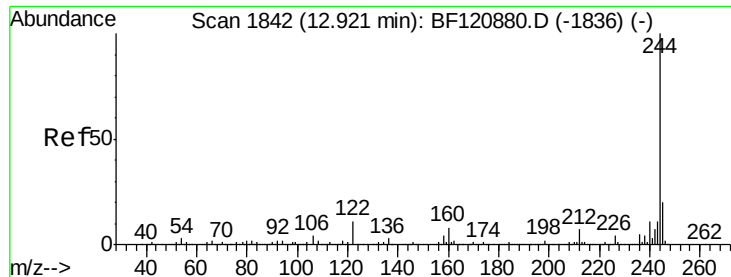
Tot Ion	Ratio	Lower	Upper
248	100		
250	203.7	77.1	115.7#
141	472.0	61.2	91.8#



#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	Ratio	Lower	Upper
240	100		
120	10.6	9.0	13.4
236	27.1	21.7	32.5

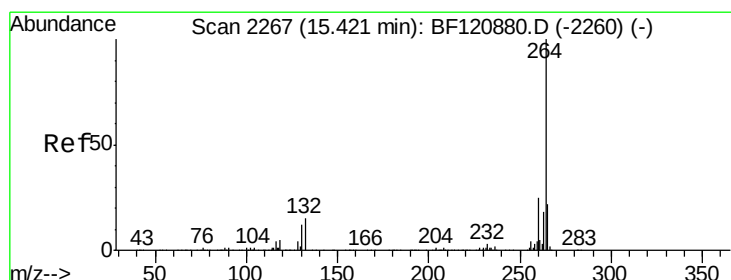
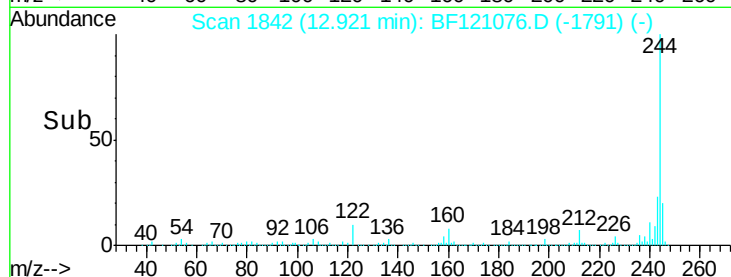
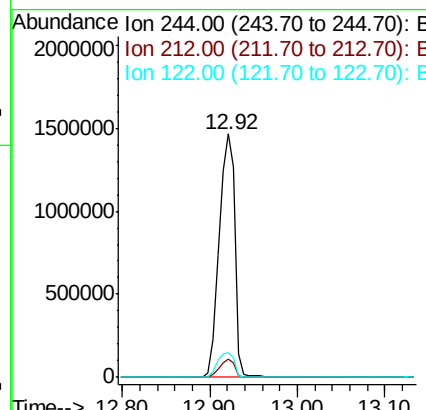
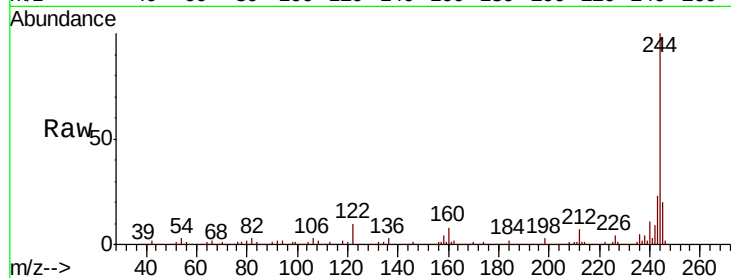




#79
 Terphenyl-d14
 Concen: 63.508 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF121076.D
 Acq: 28 Jul 2020 18:47

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

