

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
 Data File : BF125201.D
 Acq On : 25 Aug 2021 10:20
 Operator : JU/CG
 Sample : PB138680BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138680BL

Quant Time: Aug 25 10:59:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

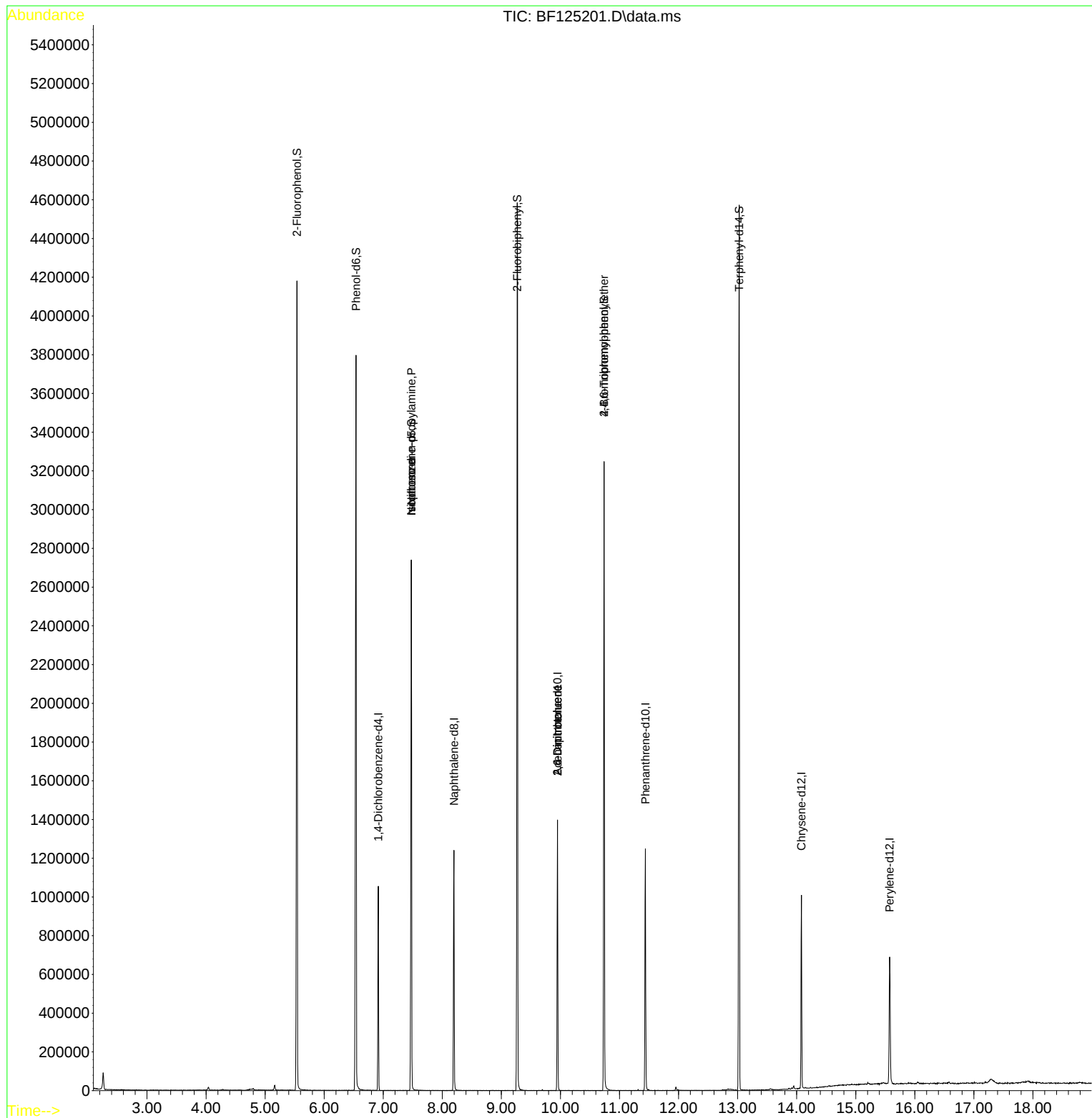
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	140023	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	532022	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	270692	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	468083	20.000	ng	0.00
76) Chrysene-d12	14.080	240	334714	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	316178	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1046470	113.120	ng	0.01
7) Phenol-d6	6.540	99	1270395	106.181	ng	0.00
23) Nitrobenzene-d5	7.475	82	867754	82.114	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	387692	143.478	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1541426	79.364	ng	0.00
79) Terphenyl-d14	13.027	244	1617149	76.969	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	120341	16.722	ng	# 61
25) Isophorone	7.475	82	867747	42.565	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	34086	8.380	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	34086	6.924	ng	# 20
67) 4-Bromophenyl-phenylether	10.739	248	23691	4.215	ng	# 1

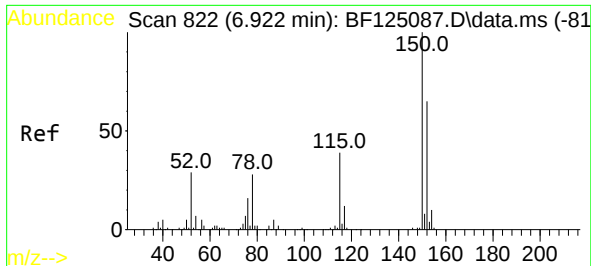
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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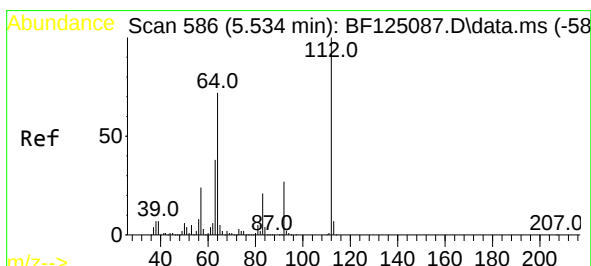
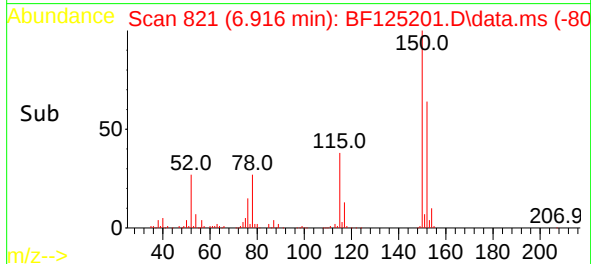
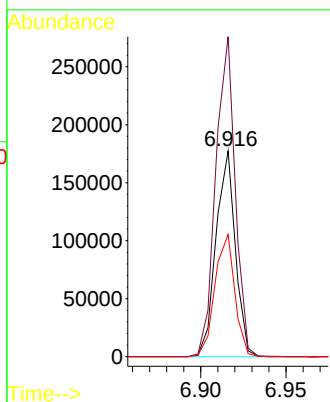
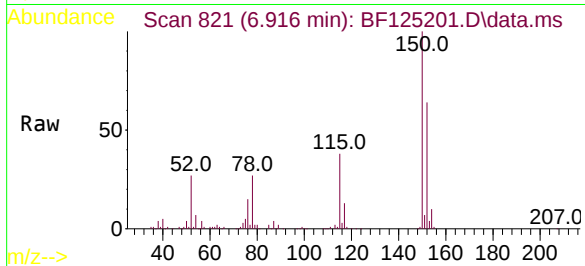




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125201.D
Acq: 25 Aug 2021 10:20

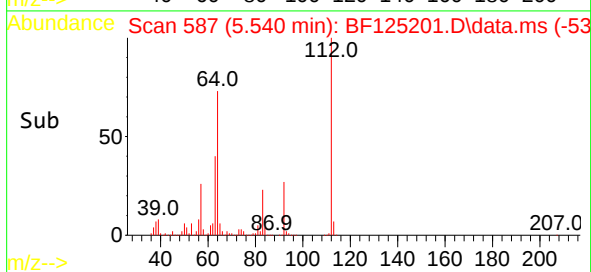
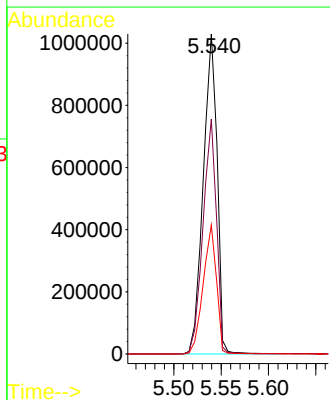
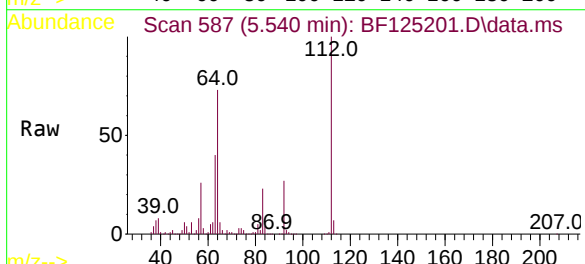
Instrument :
BNA_F
ClientSampleId :
PB138680BL

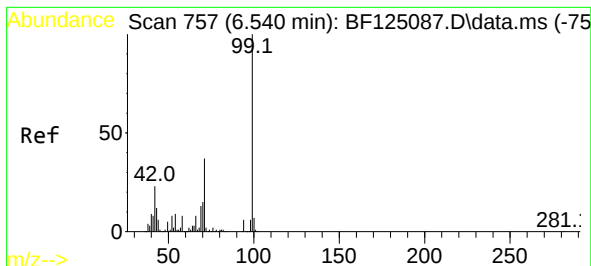
Tgt Ion:152 Resp: 140023
Ion Ratio Lower Upper
152 100
150 155.6 117.6 176.4
115 59.4 47.1 70.7



#5
2-Fluorophenol
Concen: 113.120 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF125201.D
Acq: 25 Aug 2021 10:20

Tgt Ion:112 Resp: 1046470
Ion Ratio Lower Upper
112 100
64 73.4 44.2 66.2#
63 40.3 26.2 39.2#





#7

Phenol-d6

Concen: 106.181 ng

RT: 6.540 min Scan# 757

Delta R.T. 0.000 min

Lab File: BF125201.D

Acq: 25 Aug 2021 10:20

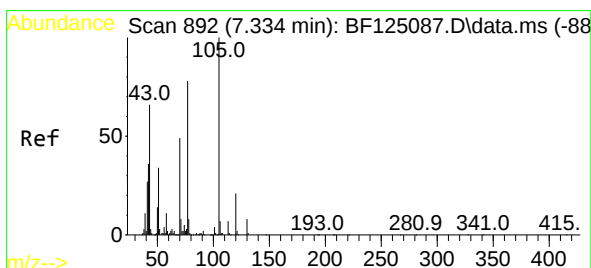
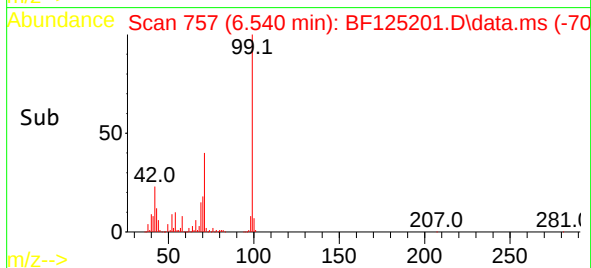
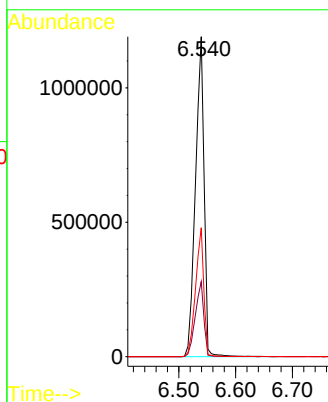
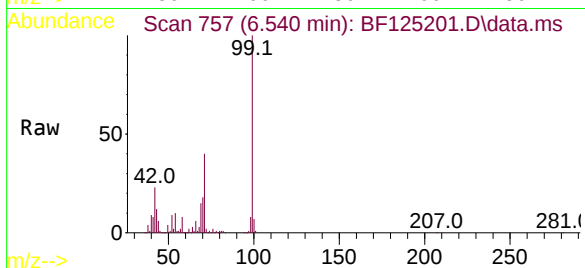
Tgt Ion: 99 Resp: 1270395

Ion Ratio Lower Upper

99 100

42 23.5 23.5 35.3#

71 40.3 25.6 38.4#



#19

n-Nitroso-di-n-propylamine

Concen: 16.722 ng

RT: 7.475 min Scan# 916

Delta R.T. 0.147 min

Lab File: BF125201.D

Acq: 25 Aug 2021 10:20

Tgt Ion: 70 Resp: 120341

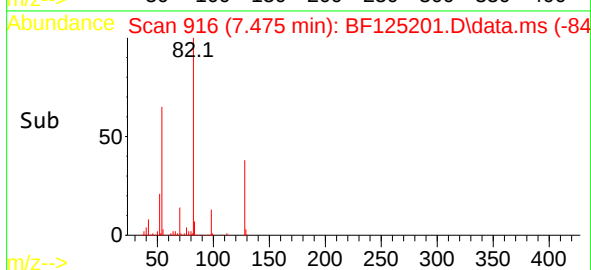
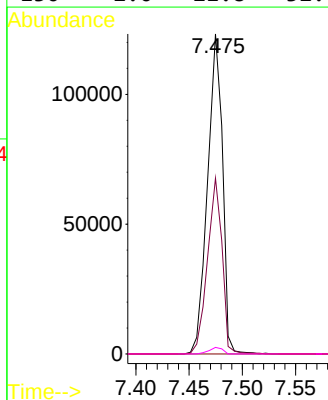
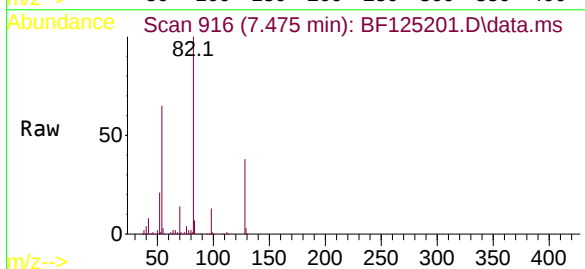
Ion Ratio Lower Upper

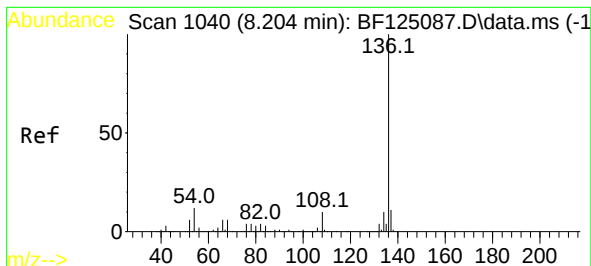
70 100

42 54.9 72.2 108.2#

101 0.0 7.8 11.8#

130 2.0 21.8 32.6#

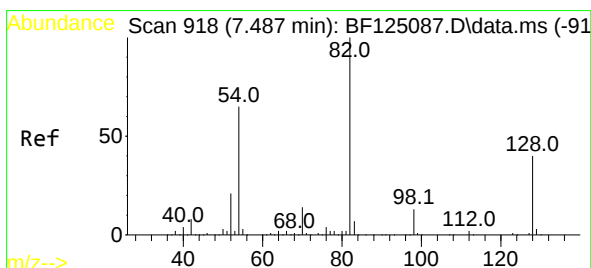
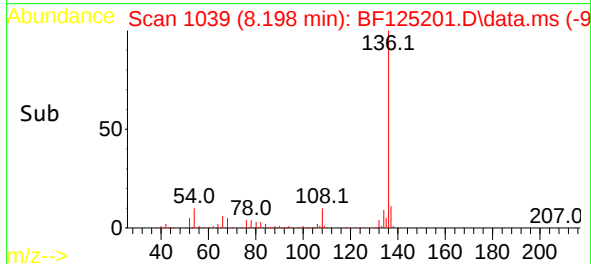
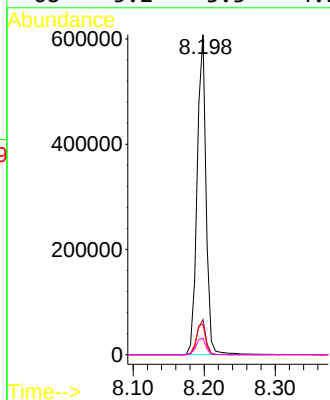
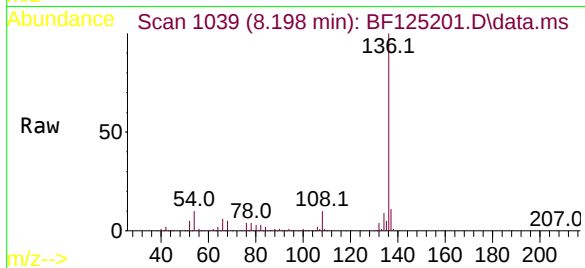




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125201.D
Acq: 25 Aug 2021 10:20

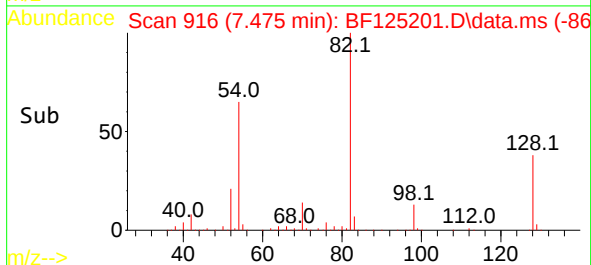
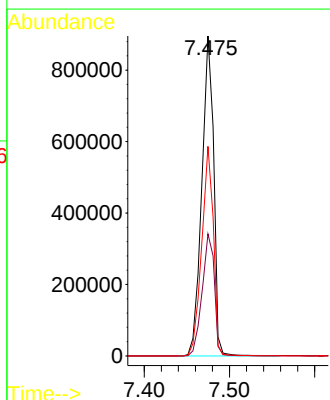
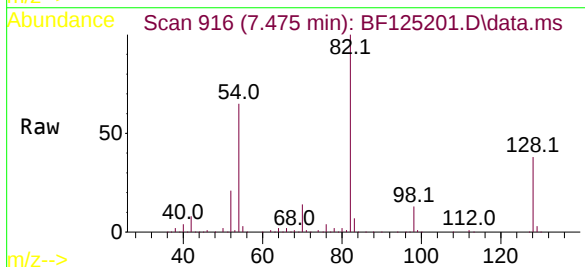
Instrument :
BNA_F
ClientSampleId :
PB138680BL

Tgt Ion:136 Resp: 532022
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 9.6 6.4 9.6#
68 5.2 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 82.114 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125201.D
Acq: 25 Aug 2021 10:20

Tgt Ion: 82 Resp: 867754
Ion Ratio Lower Upper
82 100
128 38.1 40.6 60.8#
54 65.5 49.6 74.4

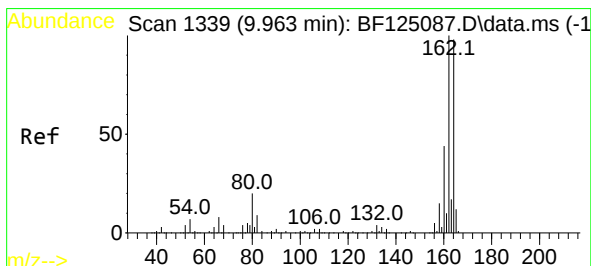
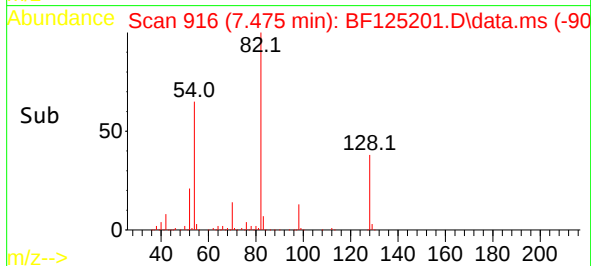
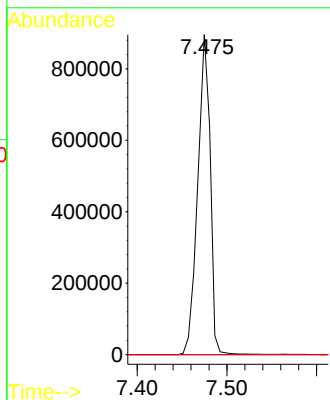
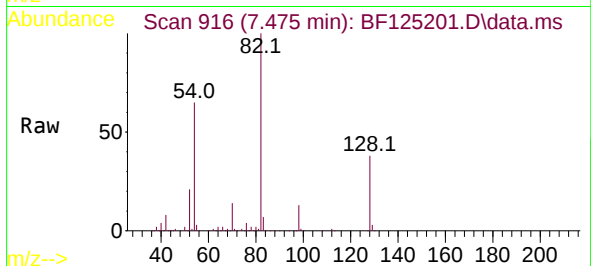




#25
Isophorone
Concen: 42.565 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125201.D
Acq: 25 Aug 2021 10:20

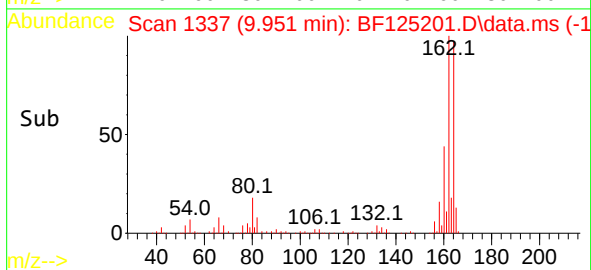
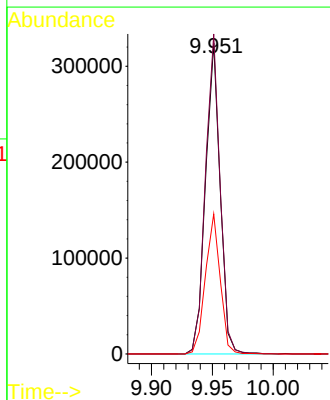
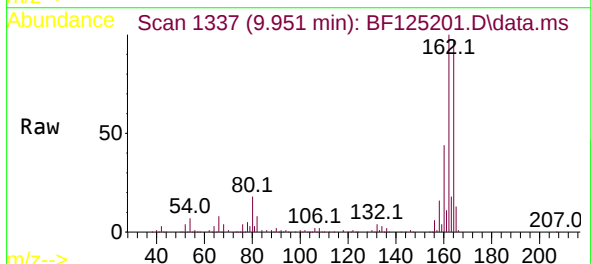
Instrument :
BNA_F
ClientSampleId :
PB138680BL

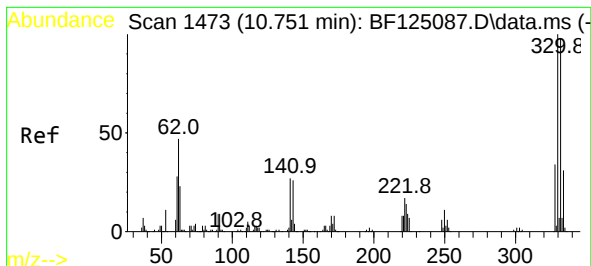
Tgt Ion: 82 Resp: 867747
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125201.D
Acq: 25 Aug 2021 10:20

Tgt Ion: 164 Resp: 270692
Ion Ratio Lower Upper
164 100
162 102.9 81.3 121.9
160 45.0 38.0 57.0

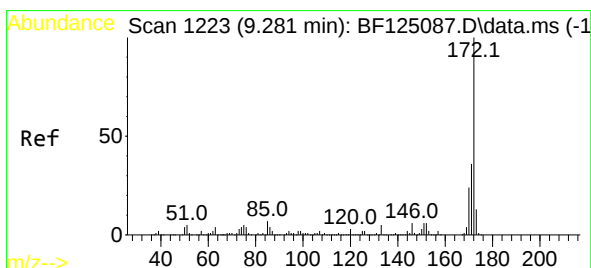
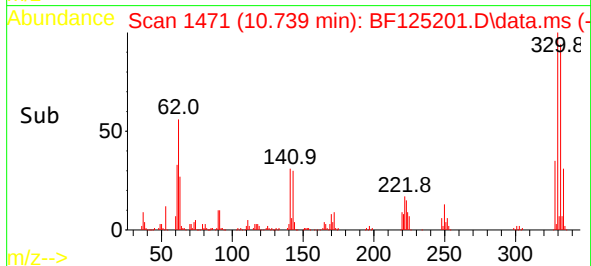
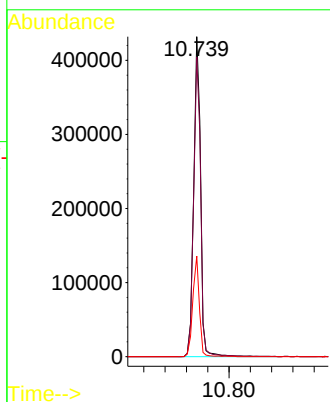
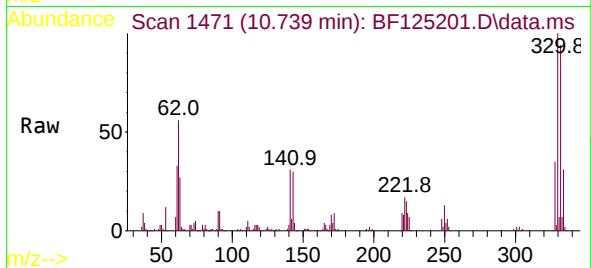




#42
2,4,6-Tribromophenol
Concen: 143.478 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125201.D
Acq: 25 Aug 2021 10:20

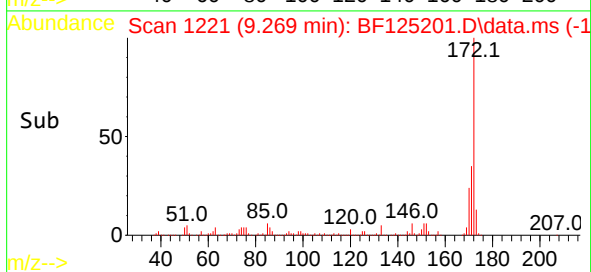
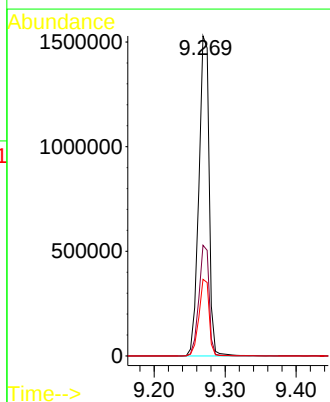
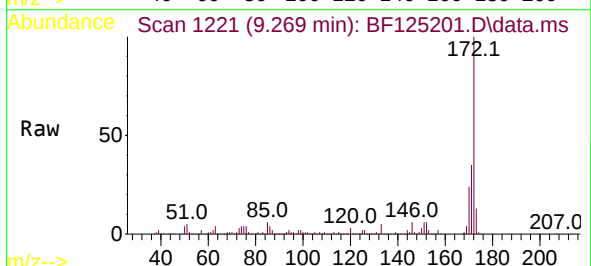
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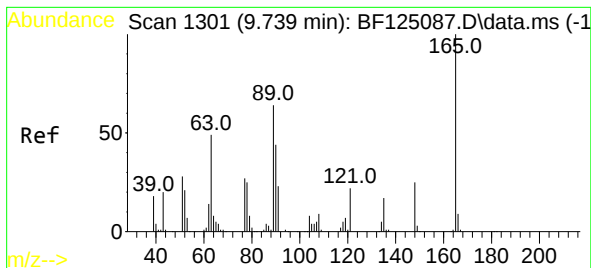
Tgt Ion:330 Resp: 387692
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 30.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 79.364 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125201.D
Acq: 25 Aug 2021 10:20

Tgt Ion:172 Resp: 1541426
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.9 18.8 28.2

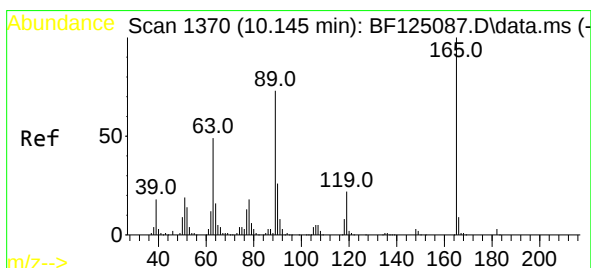
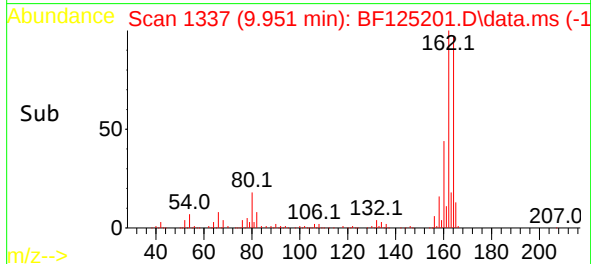
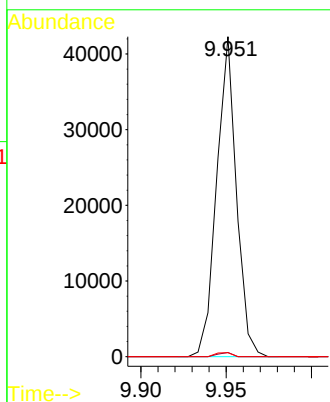
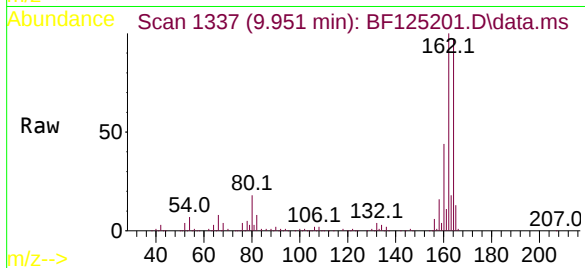




#51
2,6-Dinitrotoluene
Concen: 8.380 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125201.D
Acq: 25 Aug 2021 10:20

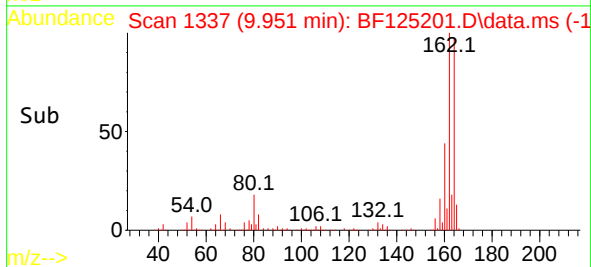
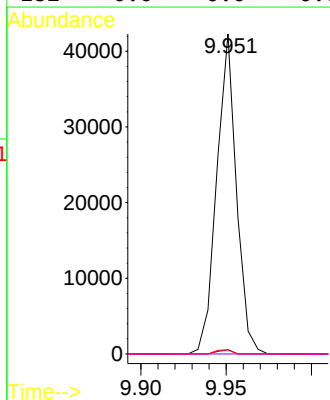
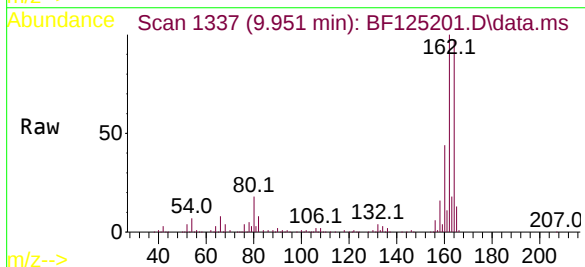
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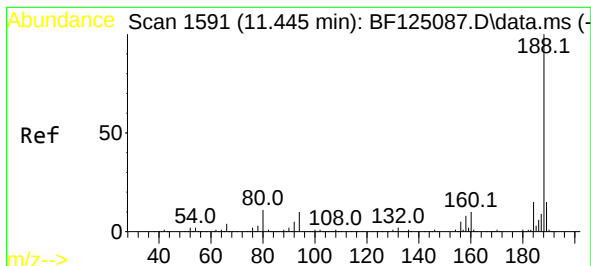
Tgt Ion:165 Resp: 34086
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.924 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125201.D
Acq: 25 Aug 2021 10:20

Tgt Ion:165 Resp: 34086
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

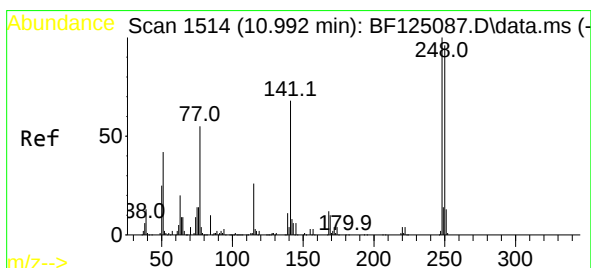
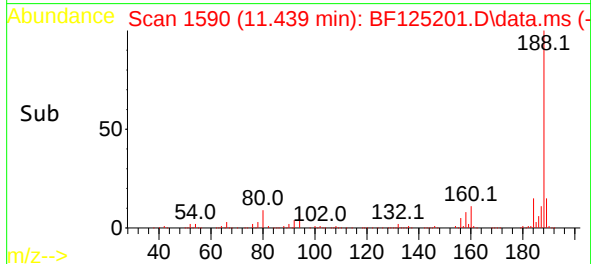
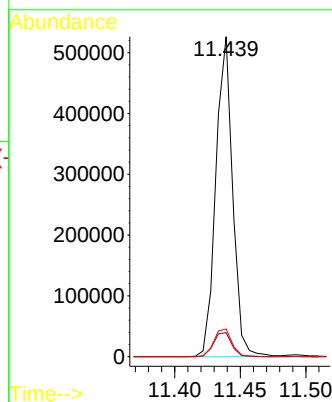
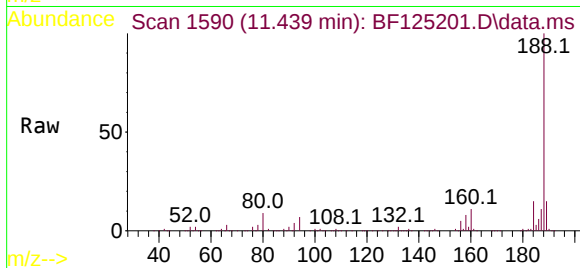




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125201.D
Acq: 25 Aug 2021 10:20

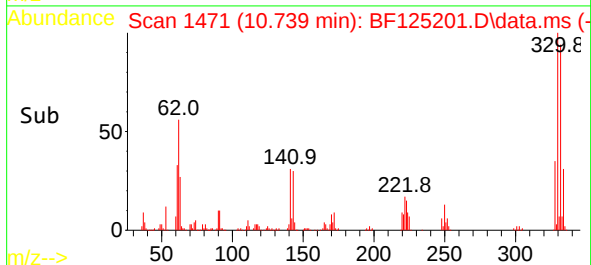
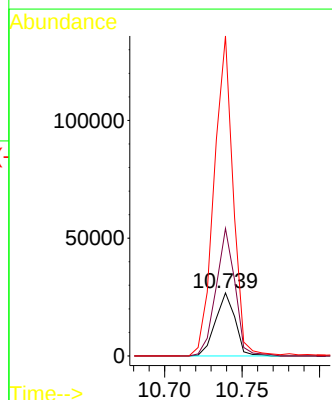
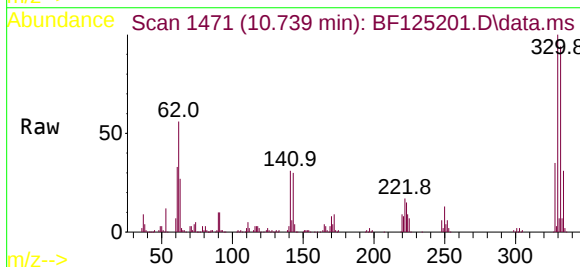
Instrument :
BNA_F
ClientSampleId :
PB138680BL

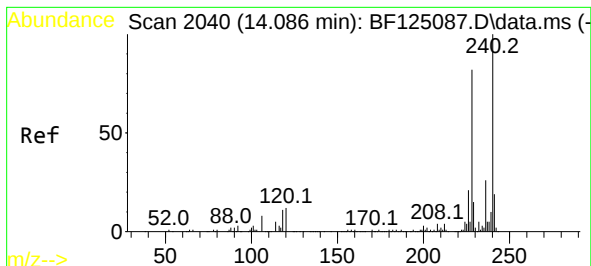
Tgt Ion:188 Resp: 468083
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 8.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.215 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125201.D
Acq: 25 Aug 2021 10:20

Tgt Ion:248 Resp: 23691
Ion Ratio Lower Upper
248 100
250 202.3 74.2 111.4#
141 507.7 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BF125201.D

Acq: 25 Aug 2021 10:20

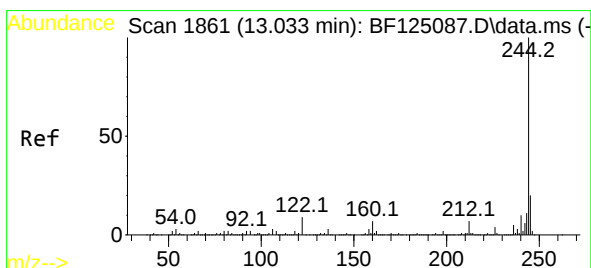
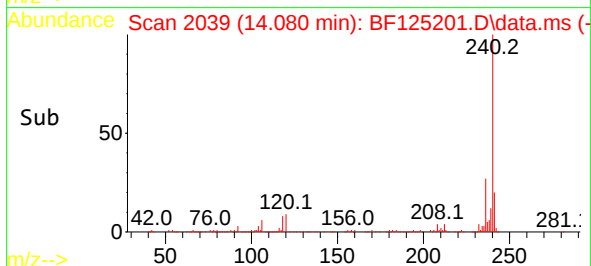
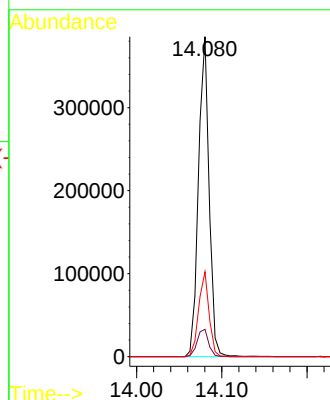
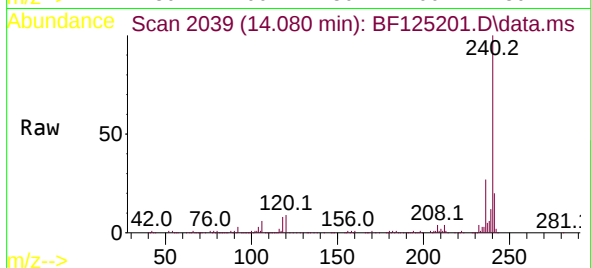
Tgt Ion:240 Resp: 334714

Ion Ratio Lower Upper

240 100

120 8.5 10.8 16.2#

236 26.5 21.6 32.4



#79

Terphenyl-d14

Concen: 76.969 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.006 min

Lab File: BF125201.D

Acq: 25 Aug 2021 10:20

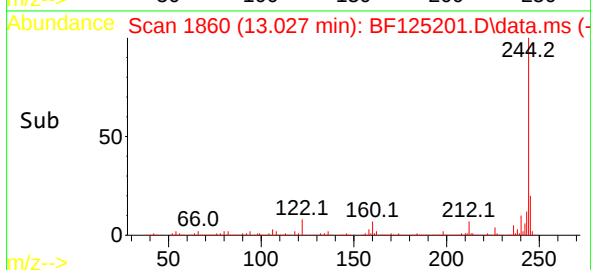
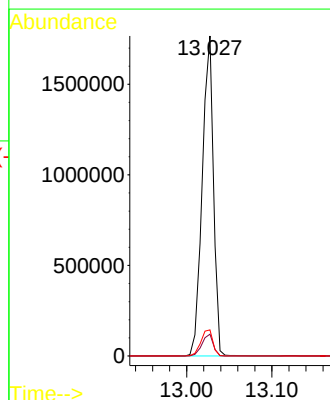
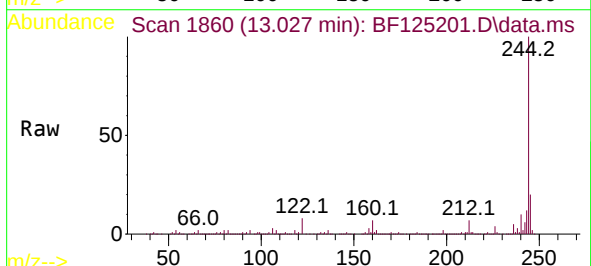
Tgt Ion:244 Resp: 1617149

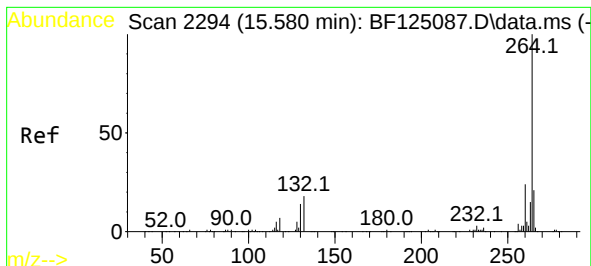
Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 8.1 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BF125201.D
Acq: 25 Aug 2021 10:20

Instrument :
BNA_F
ClientSampleId :
PB138680BL

Tgt Ion:264 Resp: 316178
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 20.9 17.2 25.8

