

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
 Data File : BF127000.D
 Acq On : 22 Feb 2022 10:31
 Operator : CG\JU
 Sample : PB142776BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142776BL

Quant Time: Feb 22 12:25:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

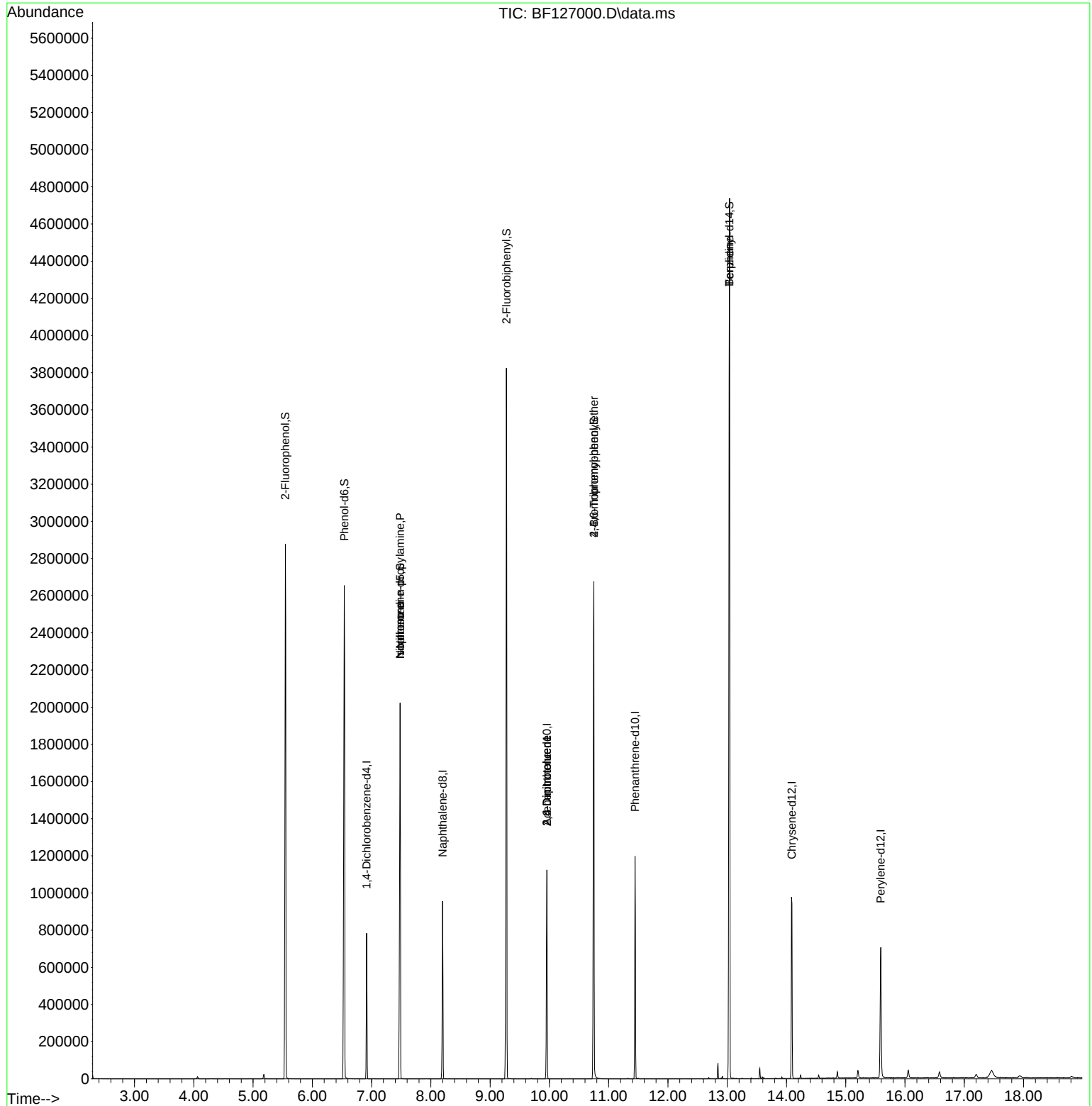
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	95882	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	393417	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	205531	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	393530	20.000	ng	# 0.00
76) Chrysene-d12	14.092	240	322294	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	299106	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	787920	127.009	ng	0.00
7) Phenol-d6	6.539	99	1031237	123.193	ng	0.00
23) Nitrobenzene-d5	7.480	82	728918	83.630	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	331781	140.204	ng	0.00
45) 2-Fluorobiphenyl	9.274	172	1183753	84.789	ng	0.00
79) Terphenyl-d14	13.039	244	1580643	72.096	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.480	70	100030	18.545	ng	# 79
25) Isophorone	7.480	82	728502	50.511	ng	# 69
51) 2,6-Dinitrotoluene	9.957	165	27071	9.057	ng	# 22
57) 2,4-Dinitrotoluene	9.957	165	27071	6.699	ng	# 16
67) 4-Bromophenyl-phenylether	10.751	248	19904	4.527	ng	# 1
77) Benzidine	13.039	184	22791	2.602	ng	# 94

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

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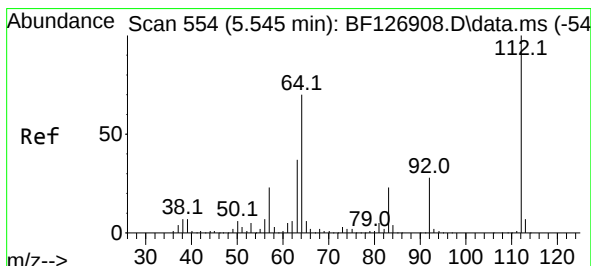
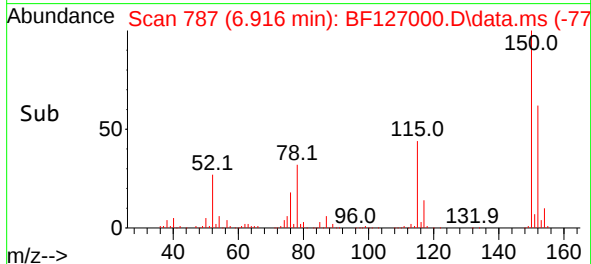
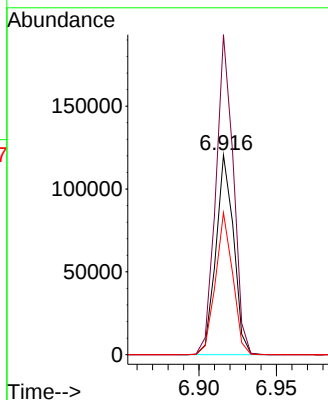
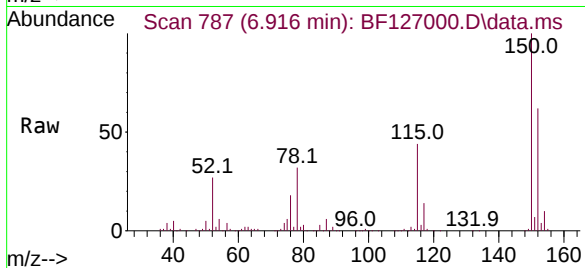




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127000.D
Acq: 22 Feb 2022 10:31

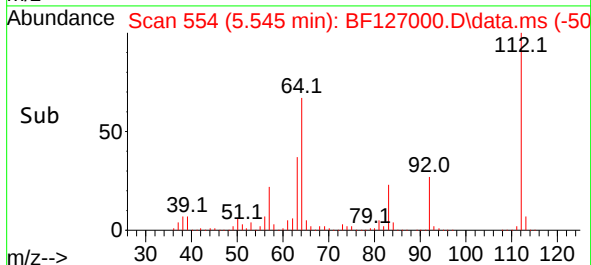
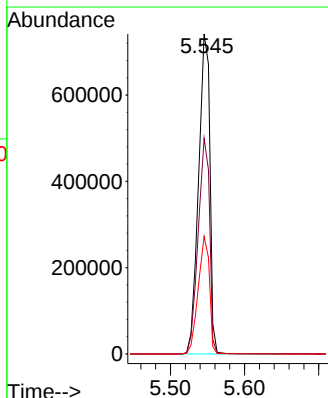
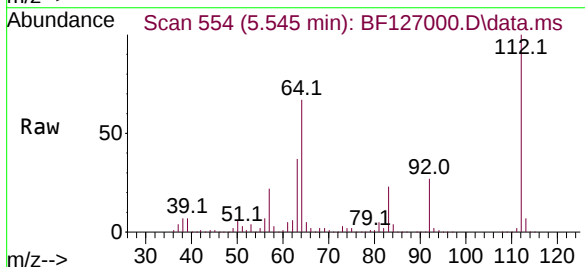
Instrument :
BNA_F
ClientSampleId :
PB142776BL

Tgt Ion:152 Resp: 95882
Ion Ratio Lower Upper
152 100
150 160.2 128.1 192.1
115 71.1 56.7 85.1



#5
2-Fluorophenol
Concen: 127.009 ng
RT: 5.545 min Scan# 554
Delta R.T. 0.006 min
Lab File: BF127000.D
Acq: 22 Feb 2022 10:31

Tgt Ion:112 Resp: 787920
Ion Ratio Lower Upper
112 100
64 67.4 49.5 74.3
63 36.7 23.9 35.9#

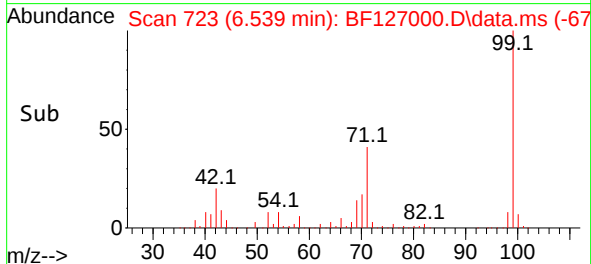
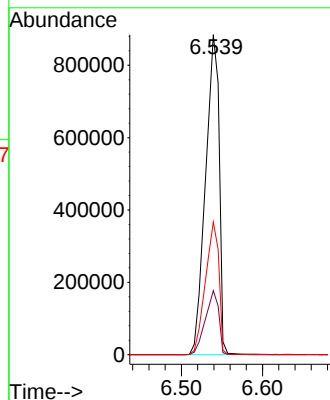
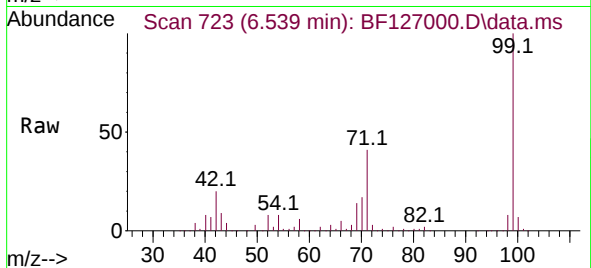




#7
Phenol-d6
Concen: 123.193 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127000.D
Acq: 22 Feb 2022 10:31

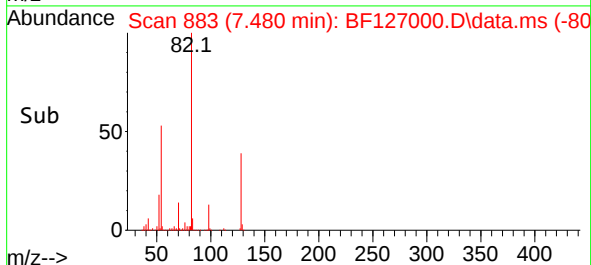
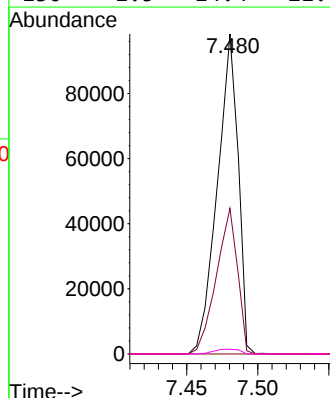
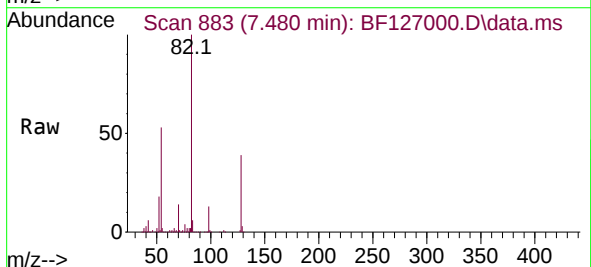
Instrument :
BNA_F
ClientSampleId :
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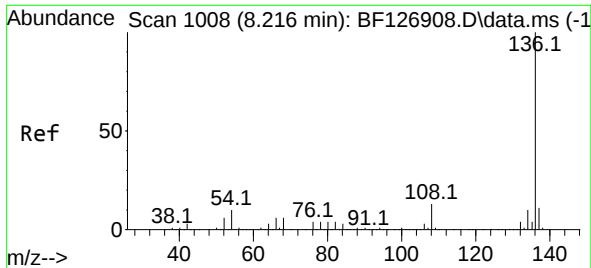
Tgt Ion: 99 Resp: 1031237
Ion Ratio Lower Upper
99 100
42 20.0 14.2 21.4
71 41.4 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.545 ng
RT: 7.480 min Scan# 883
Delta R.T. 0.147 min
Lab File: BF127000.D
Acq: 22 Feb 2022 10:31

Tgt Ion: 70 Resp: 100030
Ion Ratio Lower Upper
70 100
42 45.5 45.8 68.8#
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#

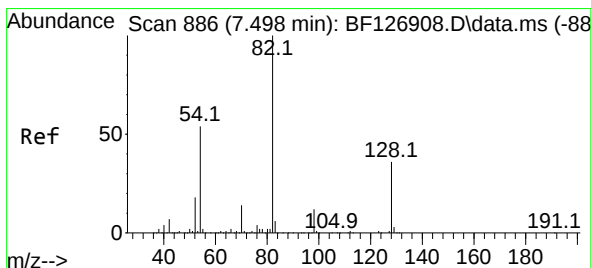
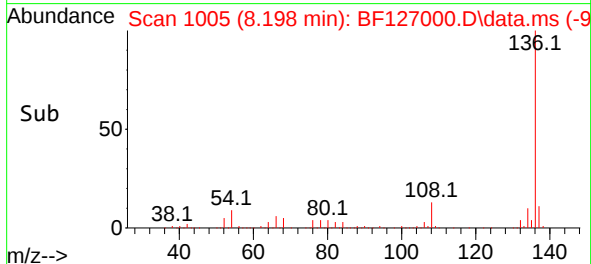
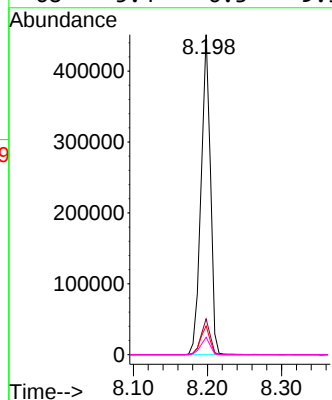
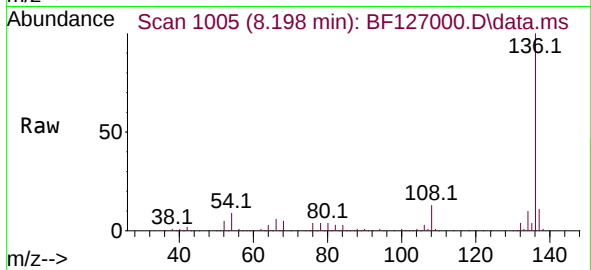




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127000.D
Acq: 22 Feb 2022 10:31

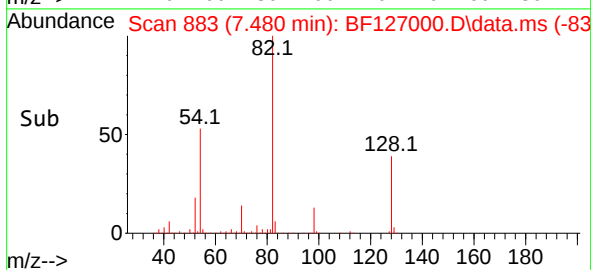
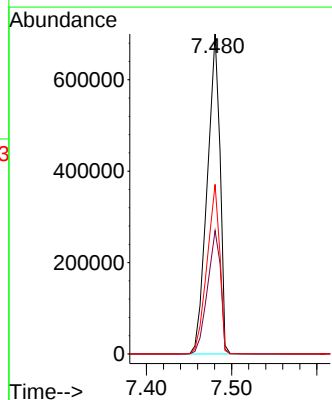
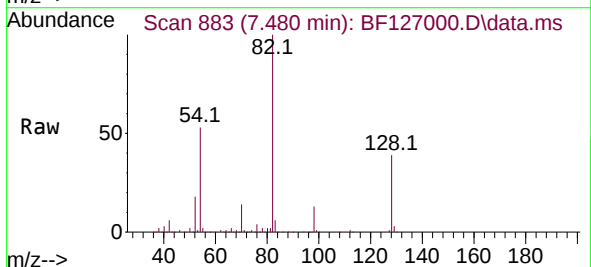
Instrument :
BNA_F
ClientSampleId :
PB142776BL

Tgt Ion:136 Resp: 393417
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.0 7.8 11.6
68 5.4 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 83.630 ng
RT: 7.480 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF127000.D
Acq: 22 Feb 2022 10:31

Tgt Ion: 82 Resp: 728918
Ion Ratio Lower Upper
82 100
128 38.6 32.7 49.1
54 53.0 41.7 62.5

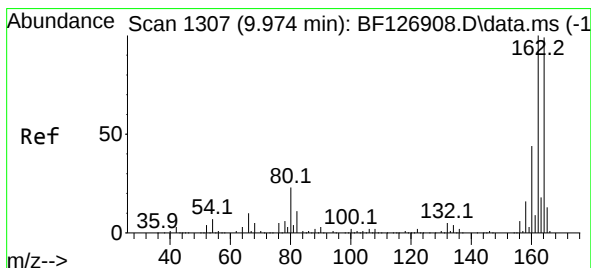
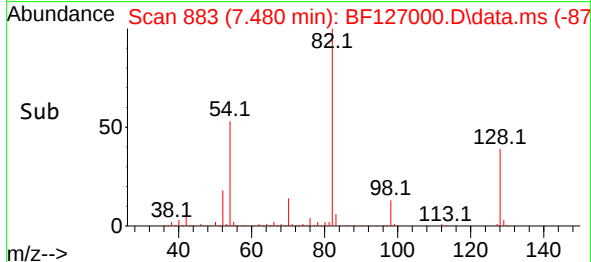
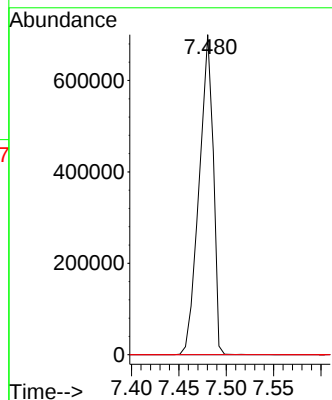
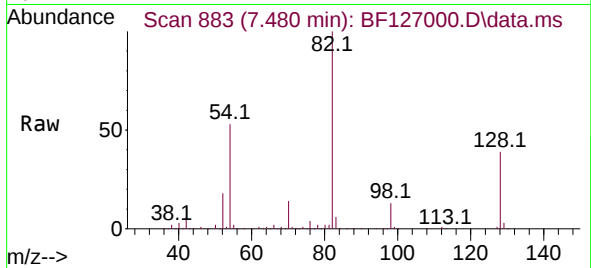




#25
Isophorone
Concen: 50.511 ng
RT: 7.480 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127000.D
Acq: 22 Feb 2022 10:31

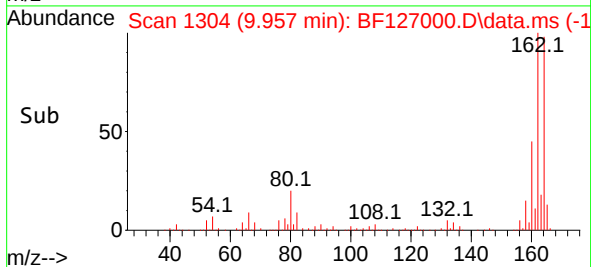
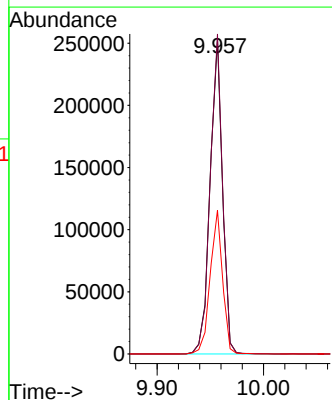
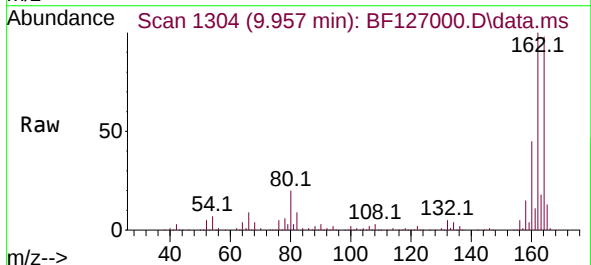
Instrument :
BNA_F
ClientSampleId :
PB142776BL

Tgt Ion: 82 Resp: 728502
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF127000.D
Acq: 22 Feb 2022 10:31

Tgt Ion: 164 Resp: 205531
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 45.7 36.6 54.8

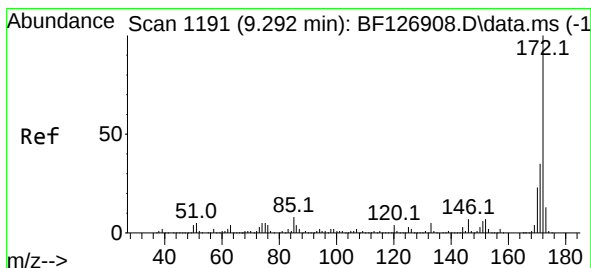
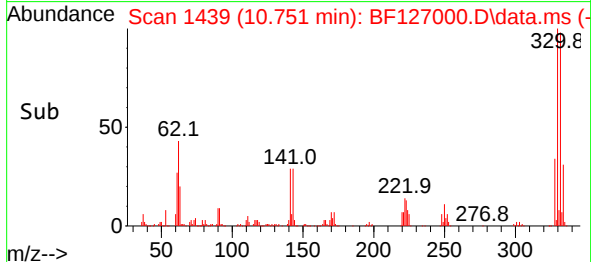
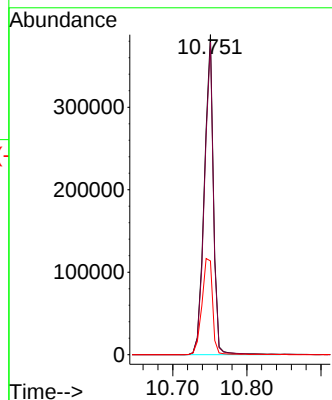
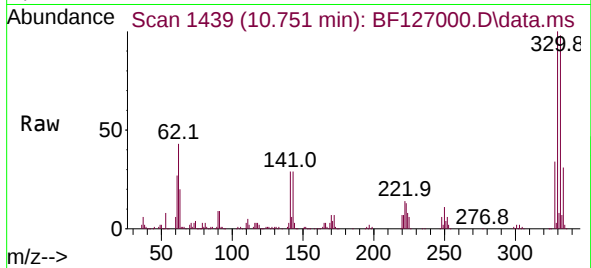




#42
2,4,6-Tribromophenol
Concen: 140.204 ng
RT: 10.751 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF127000.D
Acq: 22 Feb 2022 10:31

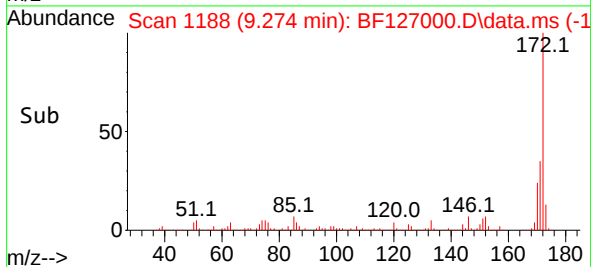
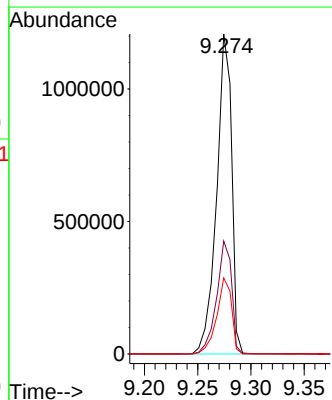
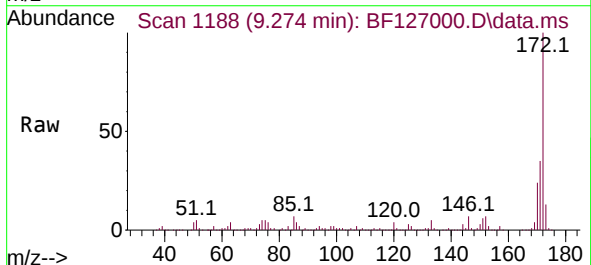
Instrument :
BNA_F
ClientSampleId :
PB142776BL

Tgt Ion:330 Resp: 331781
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 35.5 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 84.789 ng
RT: 9.274 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF127000.D
Acq: 22 Feb 2022 10:31

Tgt Ion:172 Resp: 1183753
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.8 19.0 28.6

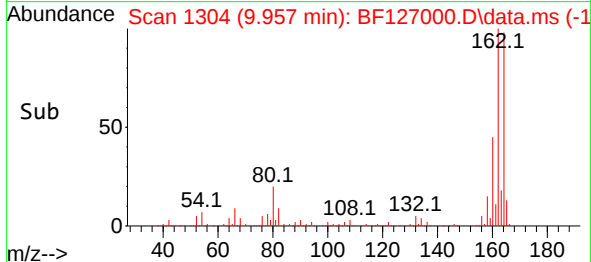
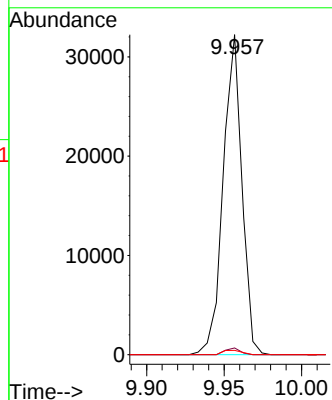
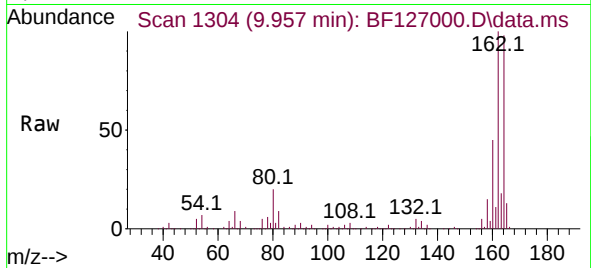




#51
2,6-Dinitrotoluene
Concen: 9.057 ng
RT: 9.957 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127000.D
Acq: 22 Feb 2022 10:31

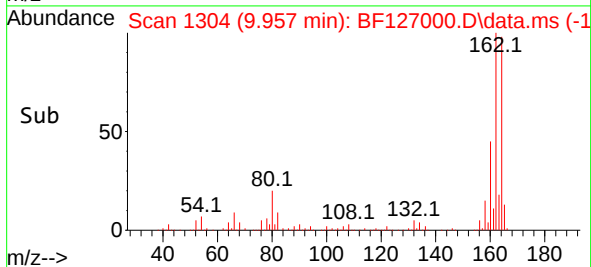
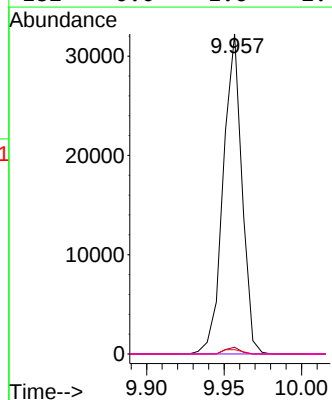
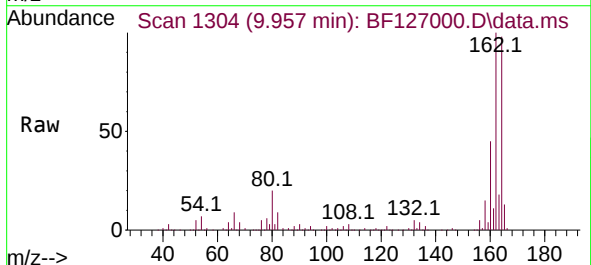
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BNA_F
ClientSampleId :
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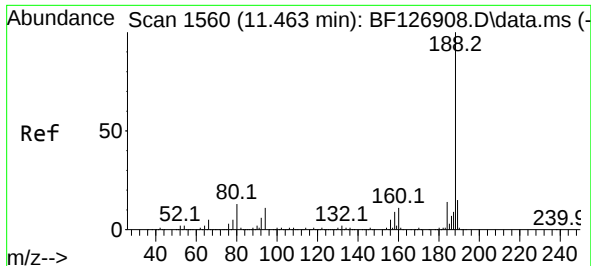
Tgt Ion:165 Resp: 27071
Ion Ratio Lower Upper
165 100
63 2.1 48.4 72.6#
89 1.4 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.699 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.194 min
Lab File: BF127000.D
Acq: 22 Feb 2022 10:31

Tgt Ion:165 Resp: 27071
Ion Ratio Lower Upper
165 100
63 2.1 43.0 64.6#
89 1.4 71.0 106.4#
182 0.0 1.6 2.4#

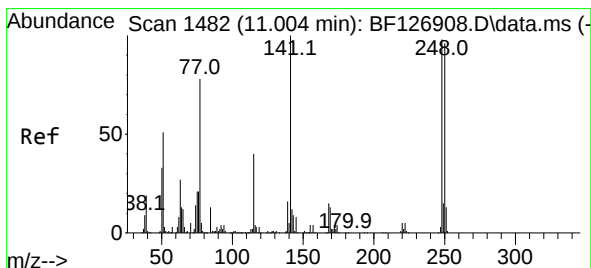
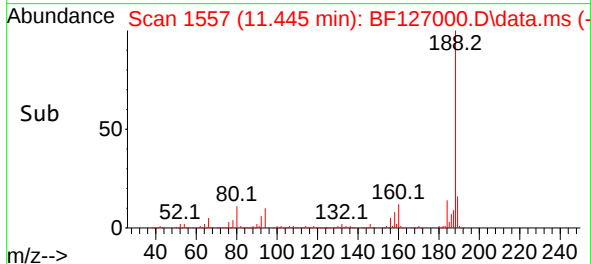
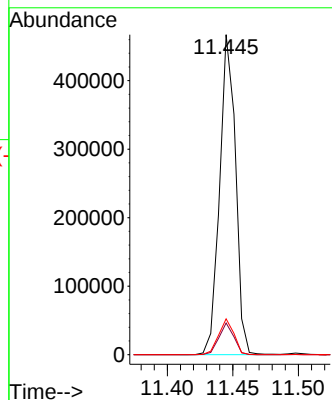
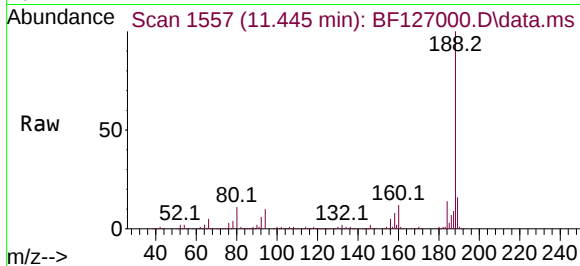




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127000.D
Acq: 22 Feb 2022 10:31

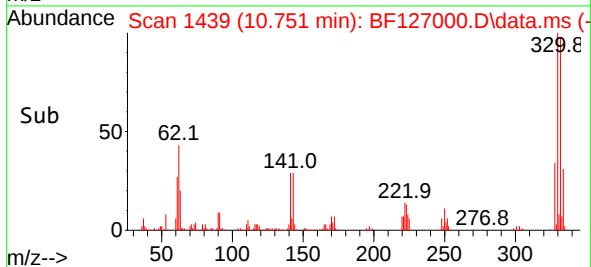
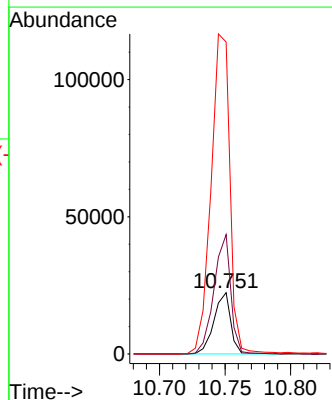
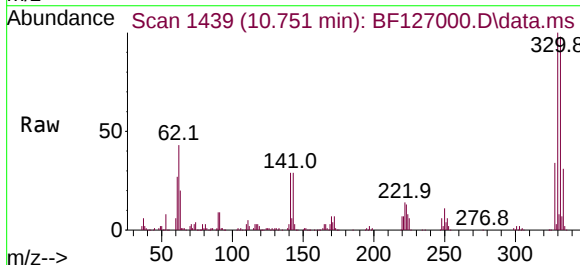
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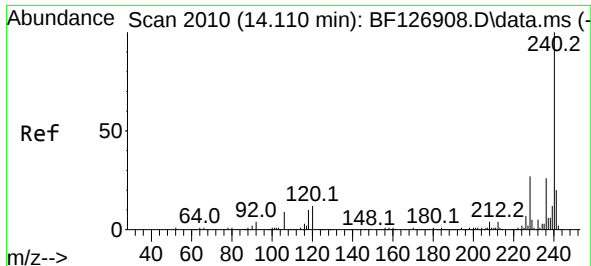
Tgt Ion:188 Resp: 393530
Ion Ratio Lower Upper
188 100
94 9.9 10.1 15.1#
80 11.2 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.527 ng
RT: 10.751 min Scan# 1439
Delta R.T. -0.241 min
Lab File: BF127000.D
Acq: 22 Feb 2022 10:31

Tgt Ion:248 Resp: 19904
Ion Ratio Lower Upper
248 100
250 194.9 76.2 114.4#
141 509.4 66.2 99.4#

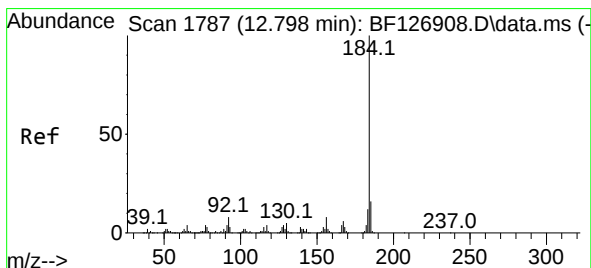
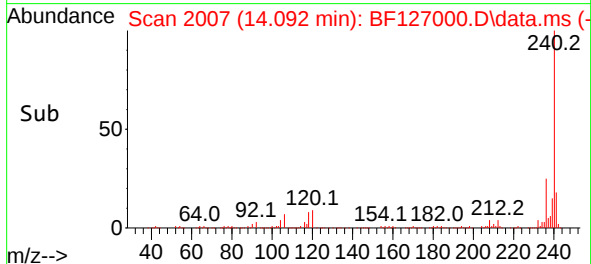
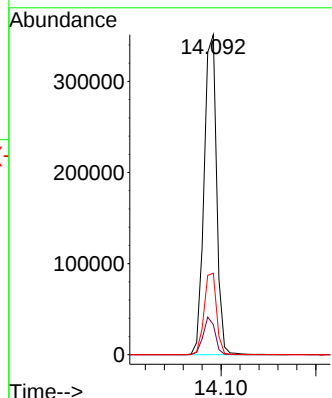
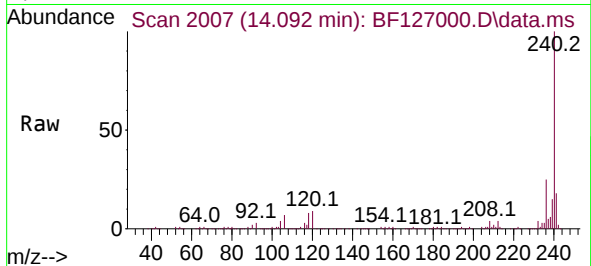




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127000.D
Acq: 22 Feb 2022 10:31

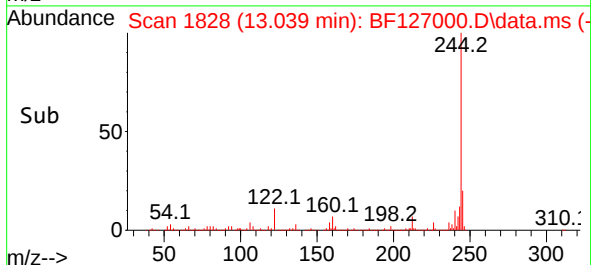
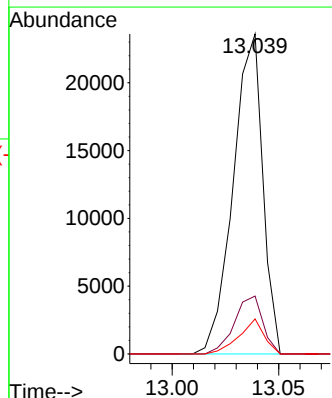
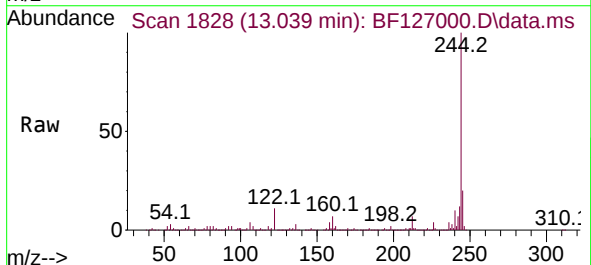
Instrument :
BNA_F
ClientSampleId :
PB142776BL

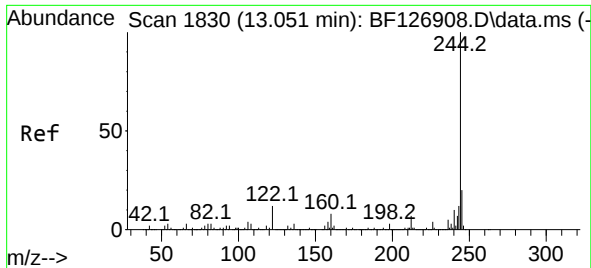
Tgt Ion:240 Resp: 322294
Ion Ratio Lower Upper
240 100
120 9.4 14.4 21.6#
236 25.4 20.5 30.7



#77
Benzidine
Concen: 2.602 ng
RT: 13.039 min Scan# 1828
Delta R.T. 0.253 min
Lab File: BF127000.D
Acq: 22 Feb 2022 10:31

Tgt Ion:184 Resp: 22791
Ion Ratio Lower Upper
184 100
185 18.1 11.8 17.8#
183 10.9 8.2 12.2

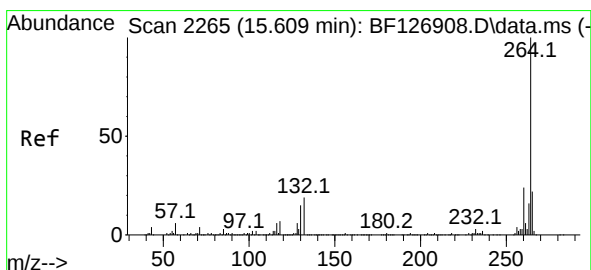
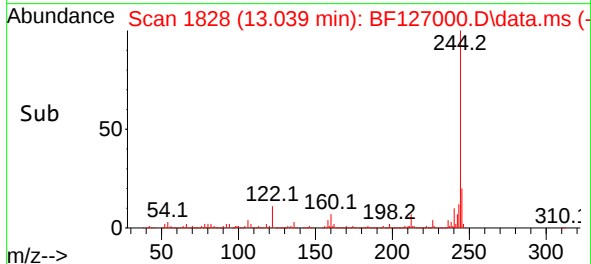
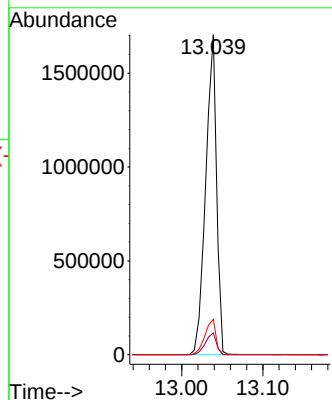
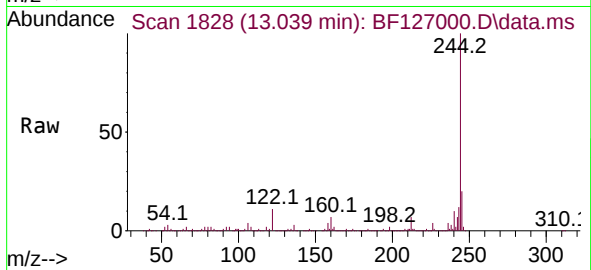




#79
 Terphenyl-d14
 Concen: 72.096 ng
 RT: 13.039 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127000.D
 Acq: 22 Feb 2022 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB142776BL

Tgt Ion:244 Resp: 1580643
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 11.1 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 2262
 Delta R.T. -0.000 min
 Lab File: BF127000.D
 Acq: 22 Feb 2022 10:31

Tgt Ion:264 Resp: 299106
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 20.9 17.4 26.2

