

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
 Data File : BF126520.D
 Acq On : 6 Jan 2022 16:17
 Operator : JU/CG
 Sample : M5196-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-SAMPLE-1-SHALLOW

Quant Time: Jan 07 08:32:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

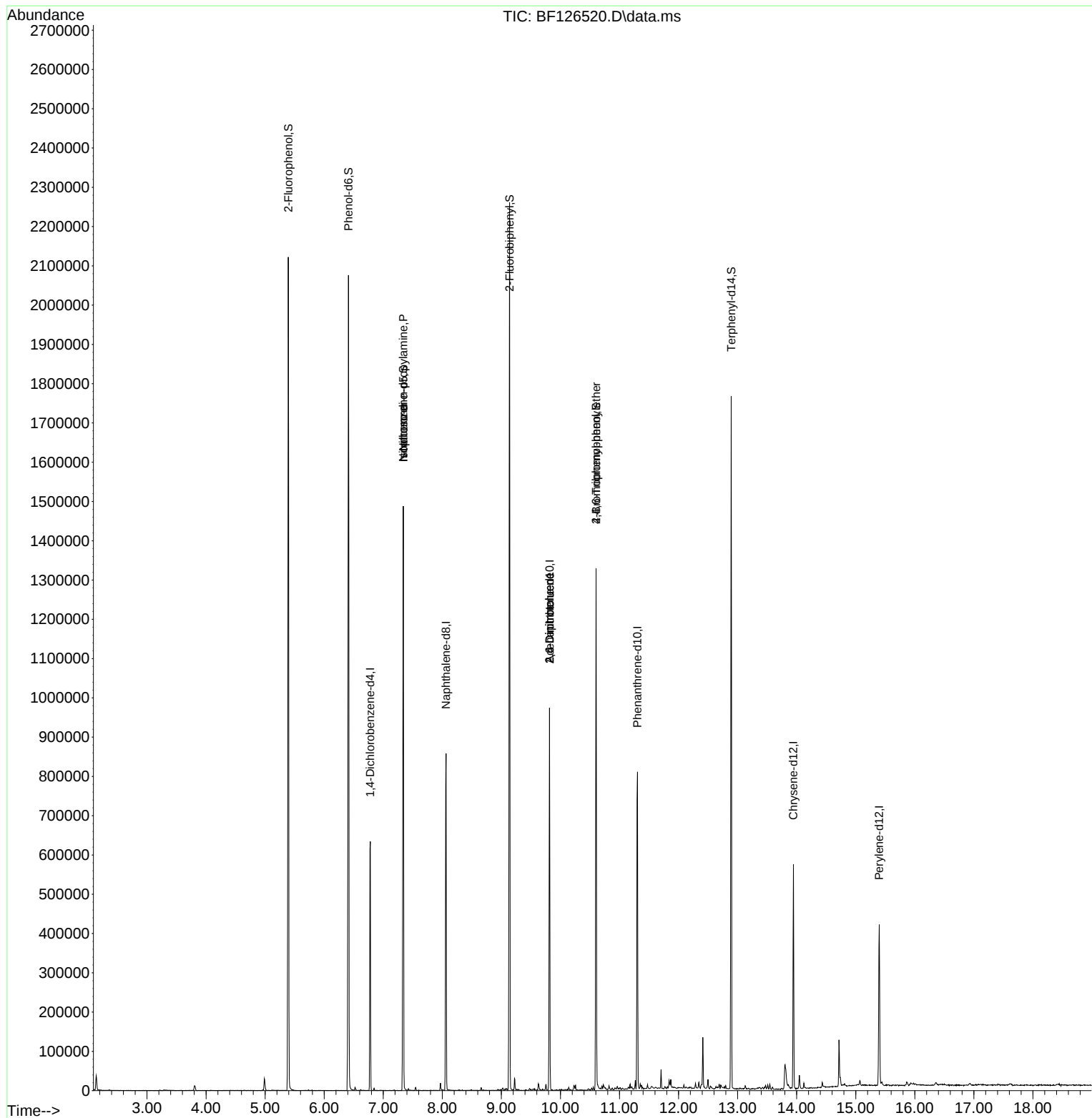
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	94527	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	401908	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	185740	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	291299	20.000	ng	0.00
76) Chrysene-d12	13.945	240	177445	20.000	ng	0.00
86) Perylene-d12	15.398	264	171982	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	620750	94.305	ng	0.00
7) Phenol-d6	6.410	99	770318	90.354	ng	-0.01
23) Nitrobenzene-d5	7.339	82	487869	62.328	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	146452	102.036	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	686065	64.999	ng	-0.01
79) Terphenyl-d14	12.892	244	546741	59.865	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.339	70	59834	12.299	ng	# 80
25) Isophorone	7.339	82	485469	34.646	ng	# 69
51) 2,6-Dinitrotoluene	9.816	165	23467	9.371	ng	# 20
57) 2,4-Dinitrotoluene	9.816	165	23467	7.264	ng	# 14
67) 4-Bromophenyl-phenylether	10.604	248	7840	3.032	ng	# 1
77) Benzidine	12.892	184	6652	Below Cal		96

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

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Quant Time: Jan 07 08:32:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

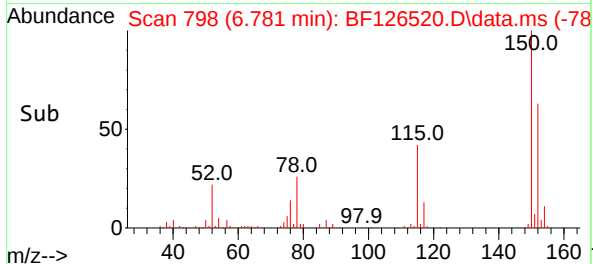
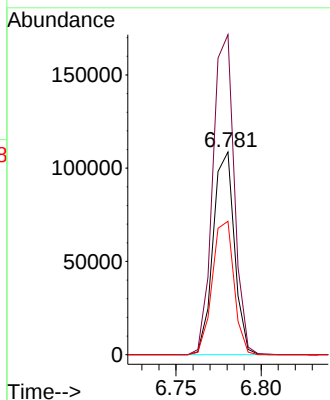
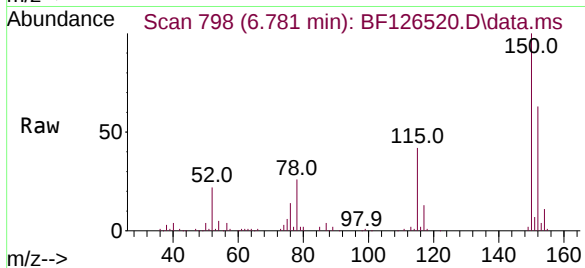




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126520.D
Acq: 6 Jan 2022 16:17

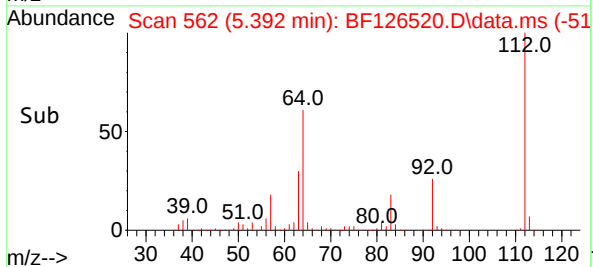
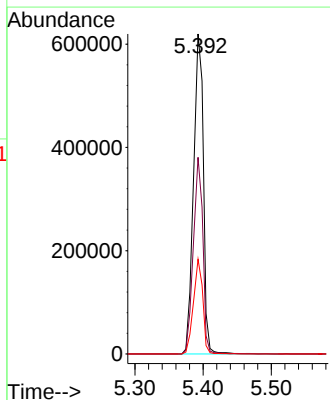
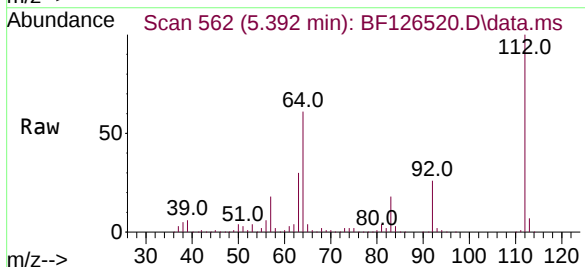
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-1-SHALLOW

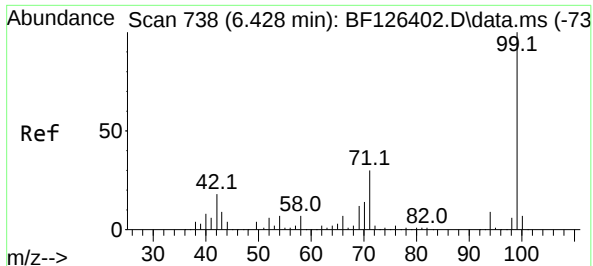
Tgt Ion:152 Resp: 94527
Ion Ratio Lower Upper
152 100
150 157.8 128.1 192.1
115 65.8 56.7 85.1



#5
2-Fluorophenol
Concen: 94.305 ng
RT: 5.392 min Scan# 562
Delta R.T. -0.000 min
Lab File: BF126520.D
Acq: 6 Jan 2022 16:17

Tgt Ion:112 Resp: 620750
Ion Ratio Lower Upper
112 100
64 61.5 49.5 74.3
63 29.6 23.9 35.9

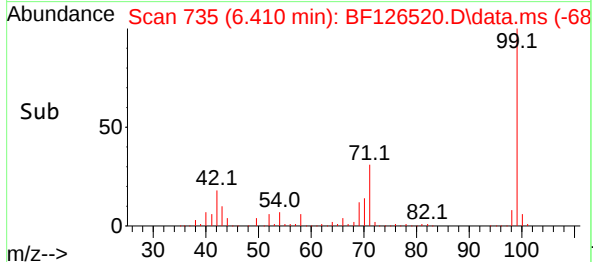
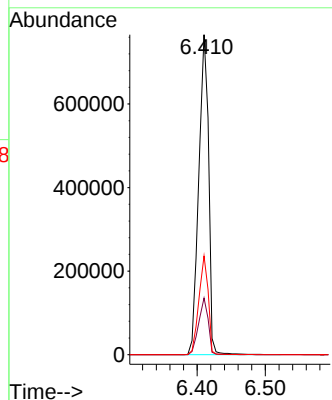
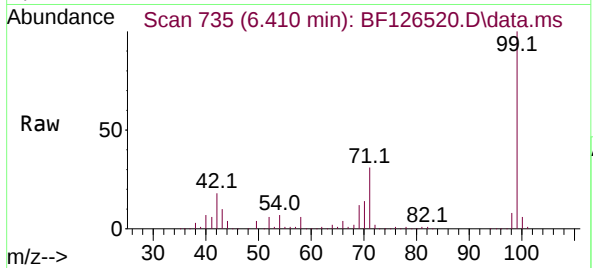




#7
Phenol-d6
Concen: 90.354 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126520.D
Acq: 6 Jan 2022 16:17

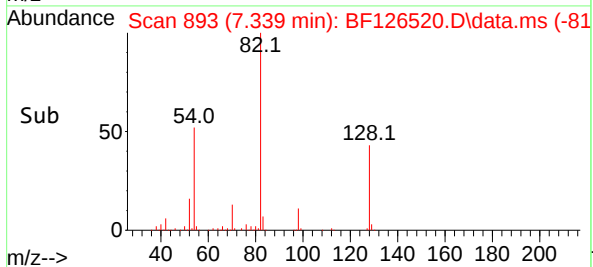
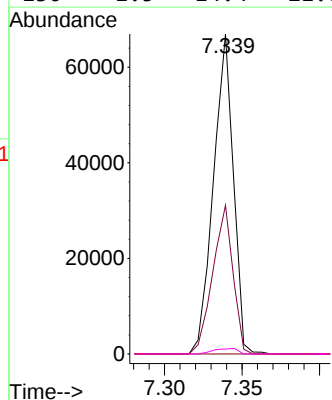
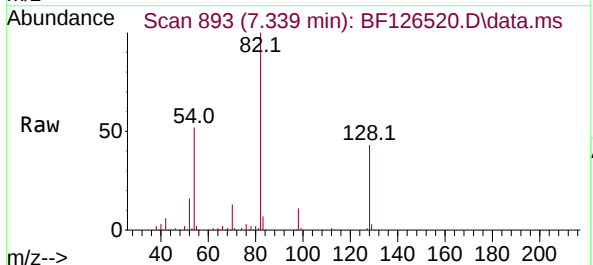
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-1-SHALLOW

Tgt Ion: 99 Resp: 770318
Ion Ratio Lower Upper
99 100
42 17.7 14.2 21.4
71 30.9 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.299 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.135 min
Lab File: BF126520.D
Acq: 6 Jan 2022 16:17

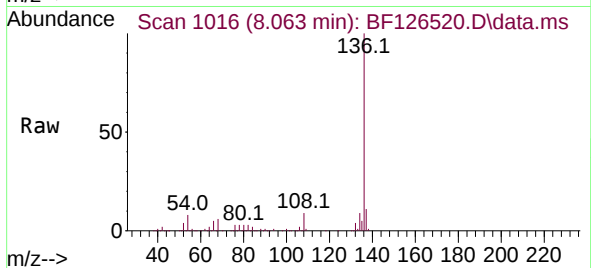
Tgt Ion: 70 Resp: 59834
Ion Ratio Lower Upper
70 100
42 46.5 45.8 68.8
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#



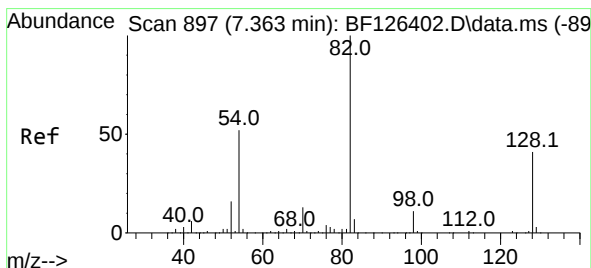
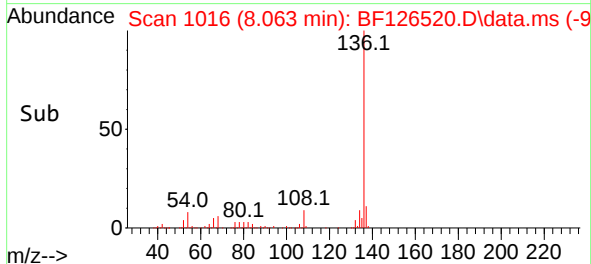
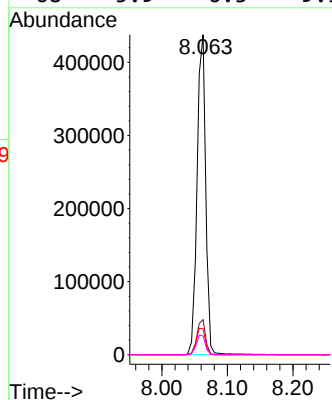


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126520.D
Acq: 6 Jan 2022 16:17

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-1-SHALLOW

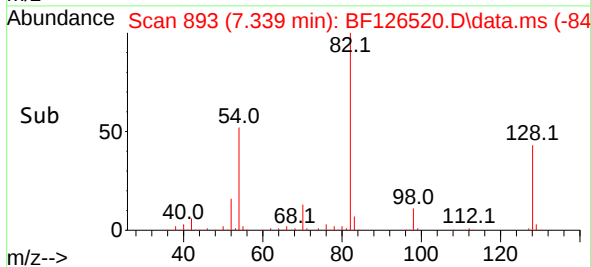
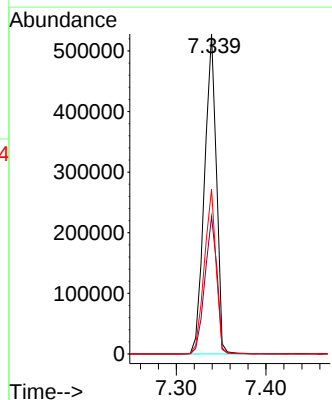
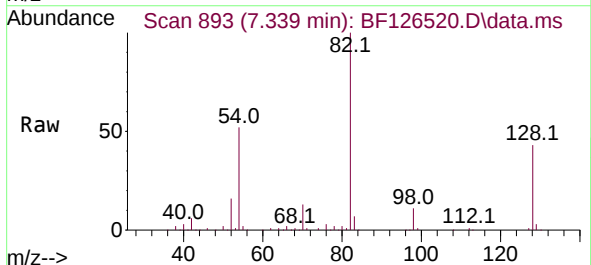


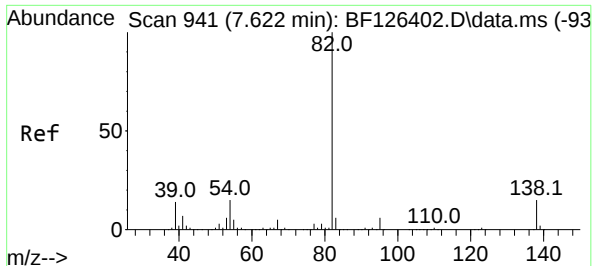
Tgt Ion:136 Resp: 401908
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.1 7.8 11.6
68 5.9 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 62.328 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF126520.D
Acq: 6 Jan 2022 16:17

Tgt Ion: 82 Resp: 487869
Ion Ratio Lower Upper
82 100
128 43.0 32.7 49.1
54 51.5 41.7 62.5

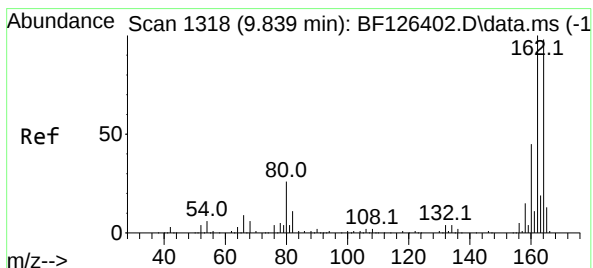
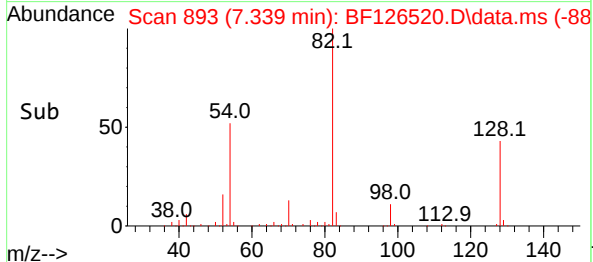
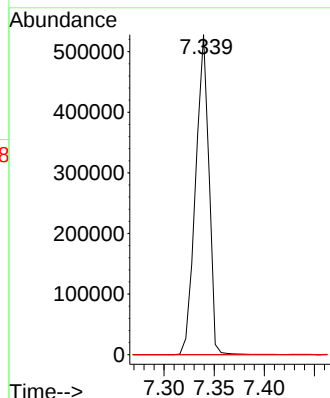
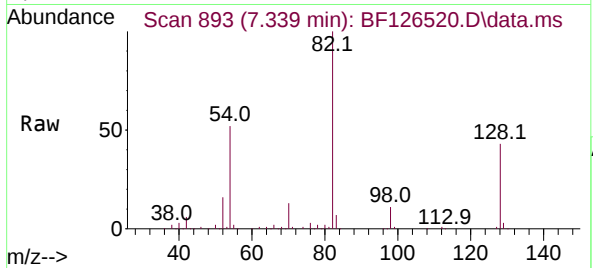




#25
Isophorone
Concen: 34.646 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.271 min
Lab File: BF126520.D
Acq: 6 Jan 2022 16:17

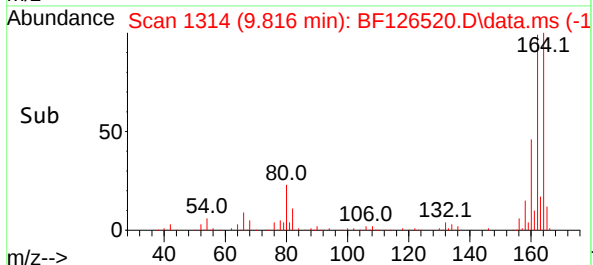
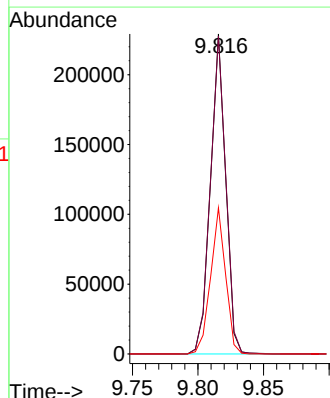
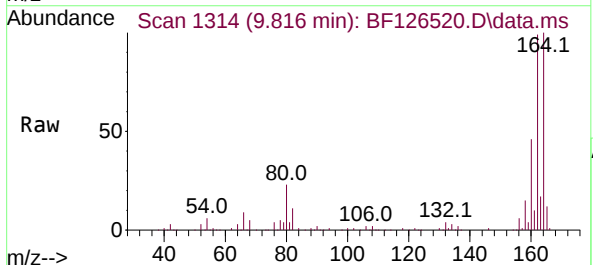
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-1-SHALLOW

Tgt Ion: 82 Resp: 485469
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: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF126520.D
Acq: 6 Jan 2022 16:17

Tgt Ion: 164 Resp: 185740
Ion Ratio Lower Upper
164 100
162 99.3 81.4 122.0
160 45.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 102.036 ng

RT: 10.604 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF126520.D

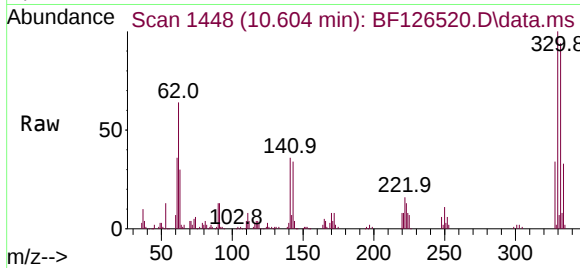
Acq: 6 Jan 2022 16:17

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-SAMPLE-1-SHALLOW



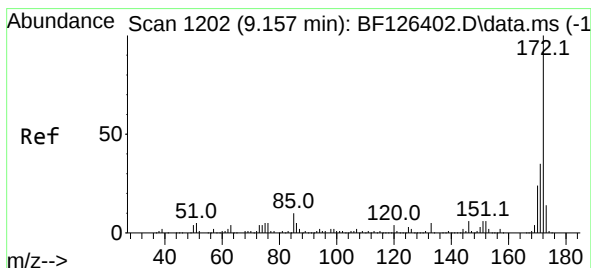
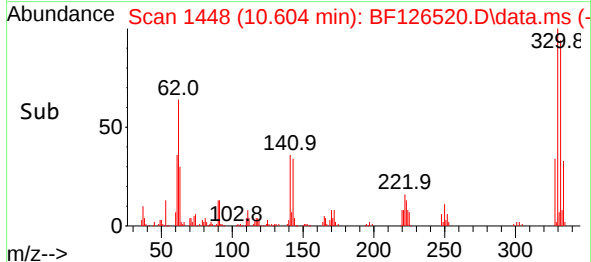
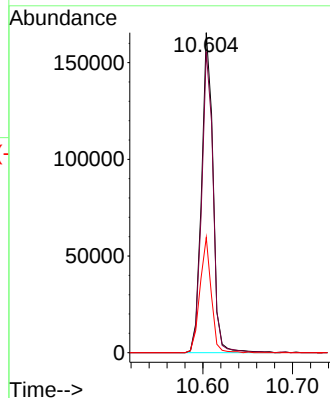
Tgt Ion:330 Resp: 146452

Ion Ratio Lower Upper

330 100

332 94.4 76.0 114.0

141 35.5 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 64.999 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF126520.D

Acq: 6 Jan 2022 16:17

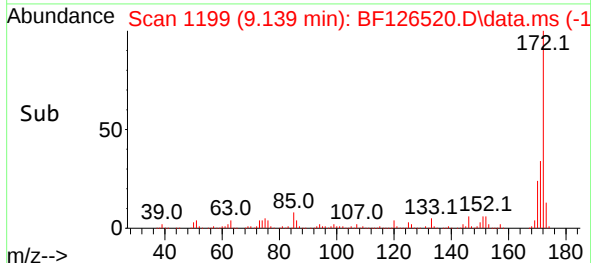
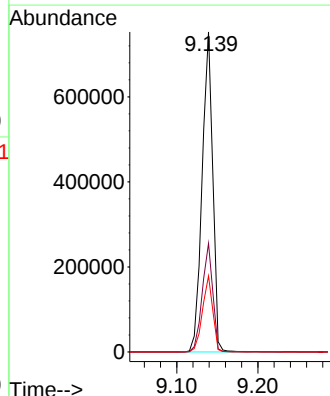
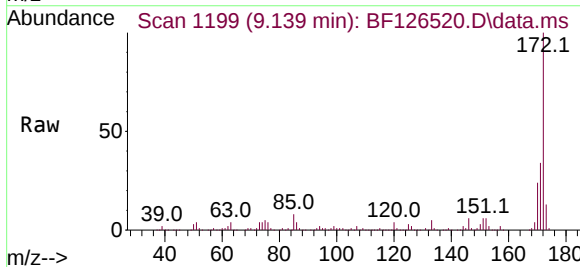
Tgt Ion:172 Resp: 686065

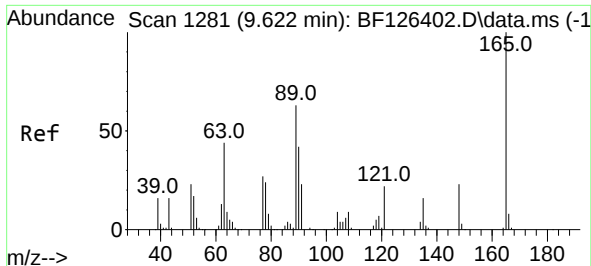
Ion Ratio Lower Upper

172 100

171 34.0 28.3 42.5

170 23.8 19.0 28.6

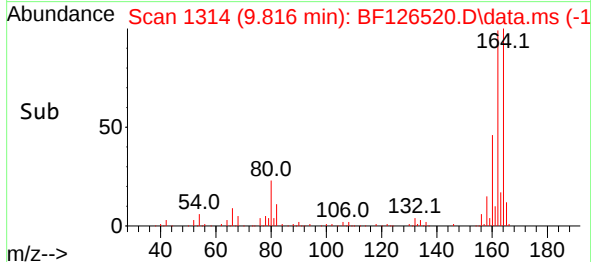
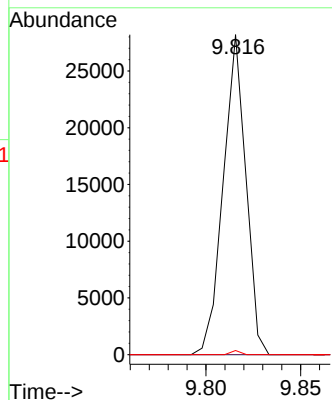
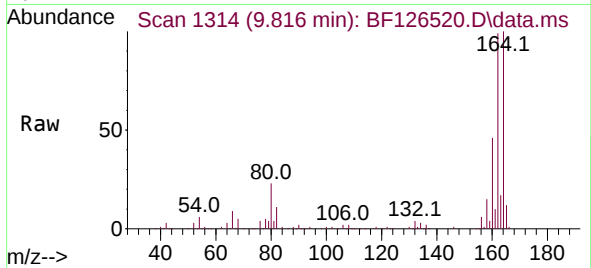




#51
2,6-Dinitrotoluene
Concen: 9.371 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF126520.D
Acq: 6 Jan 2022 16:17

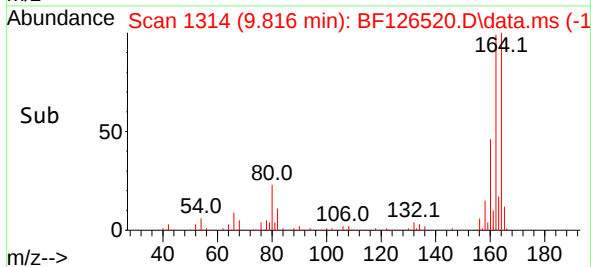
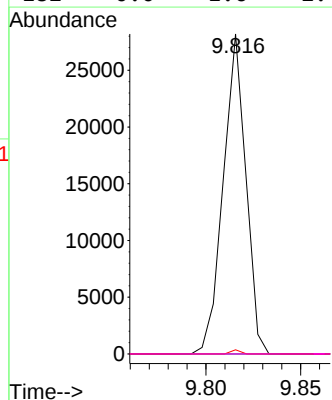
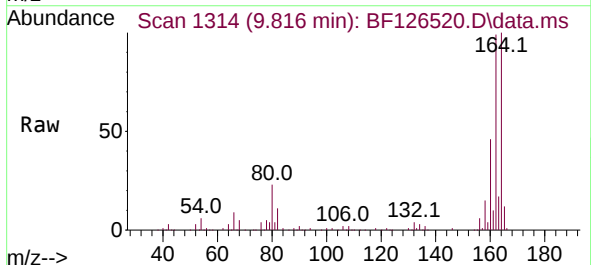
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COMPOSITE-SAMPLE-1-SHALLOW

Tgt Ion:165 Resp: 23467
Ion Ratio Lower Upper
165 100
63 0.0 48.4 72.6#
89 1.3 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.264 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.200 min
Lab File: BF126520.D
Acq: 6 Jan 2022 16:17

Tgt Ion:165 Resp: 23467
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#

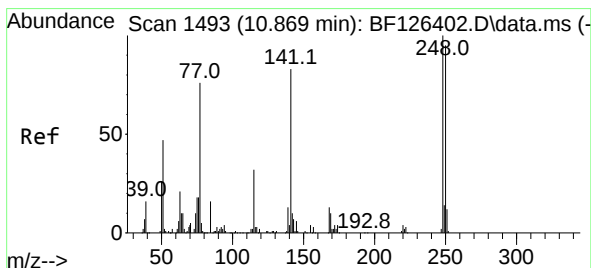
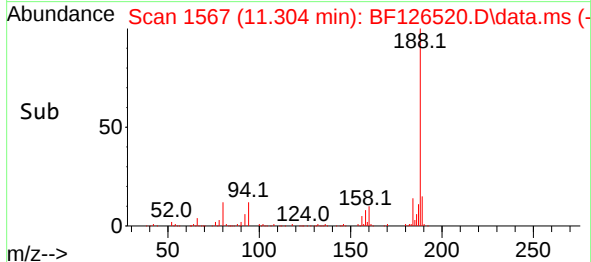
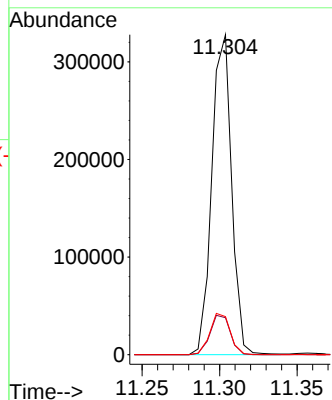
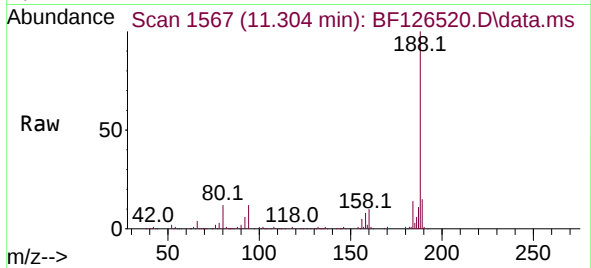




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126520.D
Acq: 6 Jan 2022 16:17

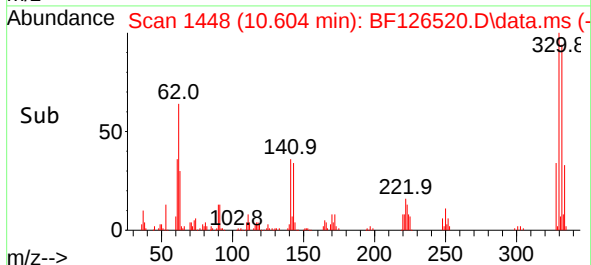
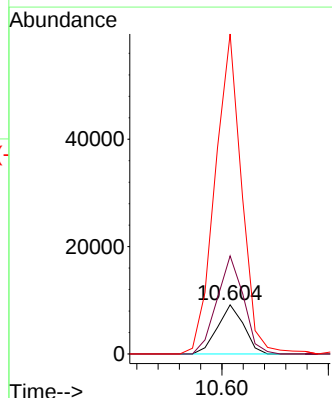
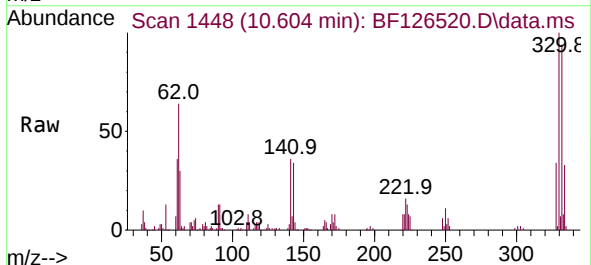
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-1-SHALLOW

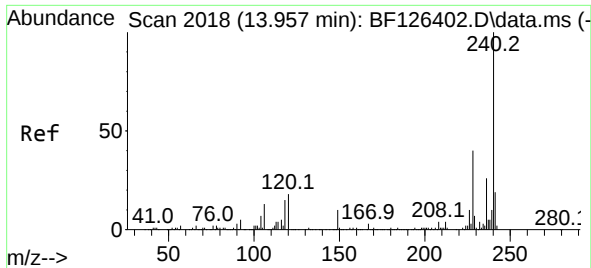
Tgt Ion:188 Resp: 291299
Ion Ratio Lower Upper
188 100
94 11.6 10.1 15.1
80 11.9 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 3.032 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.253 min
Lab File: BF126520.D
Acq: 6 Jan 2022 16:17

Tgt Ion:248 Resp: 7840
Ion Ratio Lower Upper
248 100
250 199.3 76.2 114.4#
141 650.4 66.2 99.4#

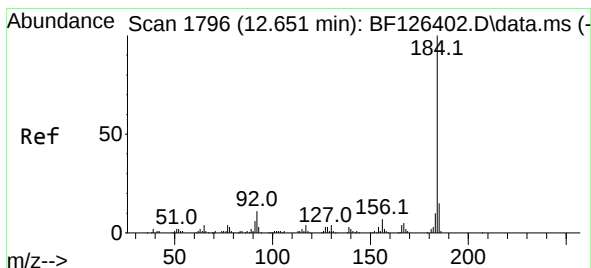
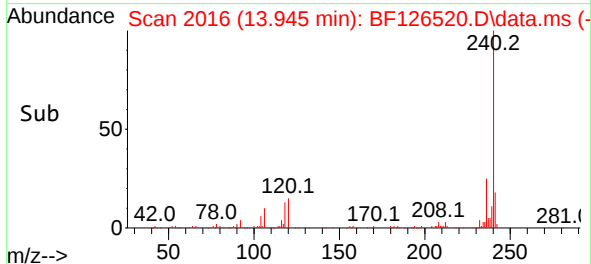
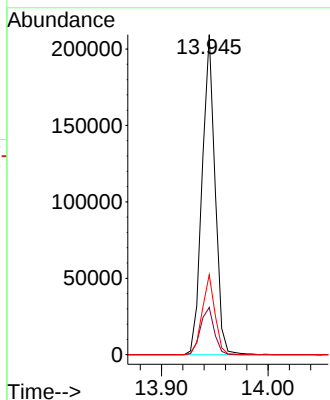
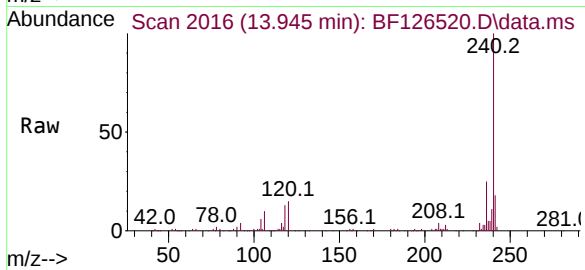




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126520.D
Acq: 6 Jan 2022 16:17

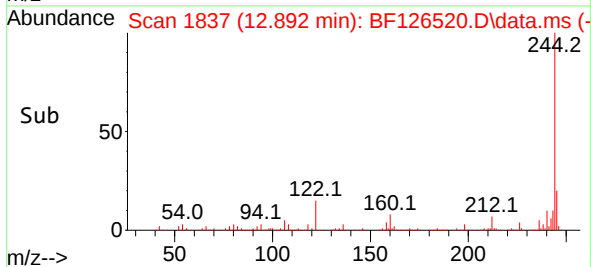
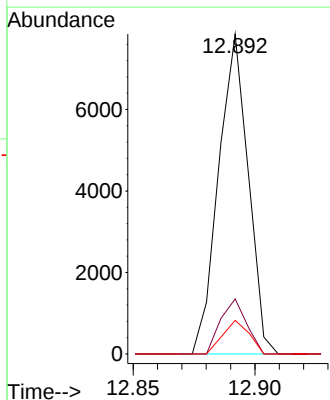
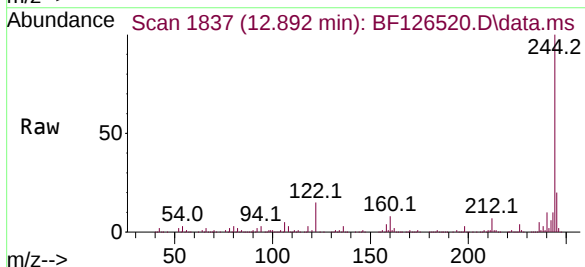
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-1-SHALLOW

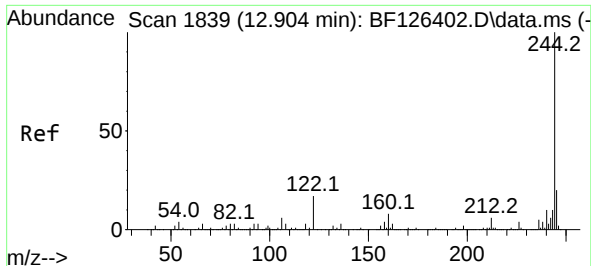
Tgt Ion:240 Resp: 177445
Ion Ratio Lower Upper
240 100
120 14.7 14.4 21.6
236 25.0 20.5 30.7



#77
Benzidine
Concen: Below Cal
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF126520.D
Acq: 6 Jan 2022 16:17

Tgt Ion:184 Resp: 6652
Ion Ratio Lower Upper
184 100
185 17.2 11.8 17.8
183 10.5 8.2 12.2





#79

Terphenyl-d14

Concen: 59.865 ng

RT: 12.892 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF126520.D

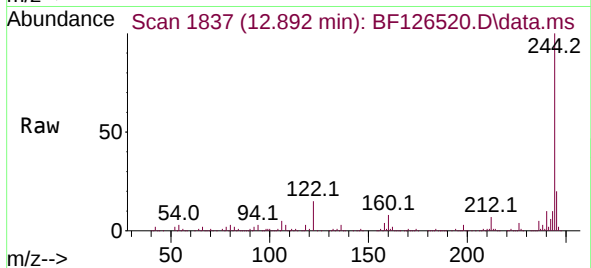
Acq: 6 Jan 2022 16:17

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-SAMPLE-1-SHALLOW



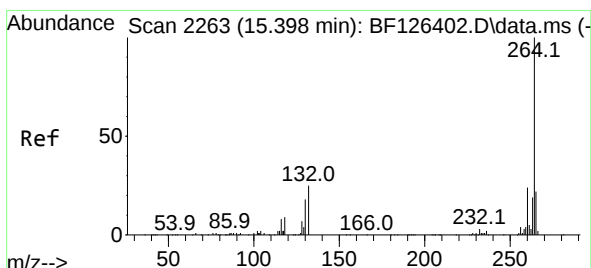
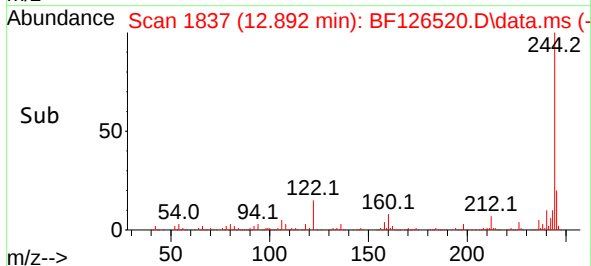
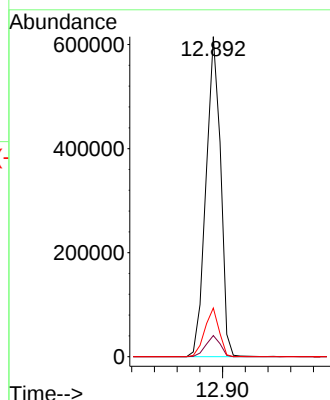
Tgt Ion:244 Resp: 546741

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

122 15.2 13.3 19.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.012 min

Lab File: BF126520.D

Acq: 6 Jan 2022 16:17

Tgt Ion:264 Resp: 171982

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 20.2 17.4 26.2

