

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
 Data File : BF126102.D
 Acq On : 10 Nov 2021 12:11
 Operator : JU/CG
 Sample : M4498-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2-LS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/10/2021
 Supervised By :mohammad ahmed 11/11/2021

Quant Time: Nov 10 14:23:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	171507	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	581987	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	288206	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	462985	20.000	ng	0.00
76) Chrysene-d12	14.010	240	400510	20.000	ng	# 0.00
86) Perylene-d12	15.480	264	329357	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1027087	102.841	ng	0.01
7) Phenol-d6	6.481	99	1312913	93.256	ng	0.00
23) Nitrobenzene-d5	7.416	82	935276	75.788	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	320905	97.160	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1584157	74.279	ng	0.00
79) Terphenyl-d14	12.957	244	1379720	55.551	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.580	202	78383	2.803	ng	95
78) Pyrene	12.810	202	80962	2.521	ng	98
88) Benzo(b)fluoranthene	15.045	252	47879m	2.235	ng	
90) Benzo(a)pyrene	15.409	252	36211	2.145	ng	97

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

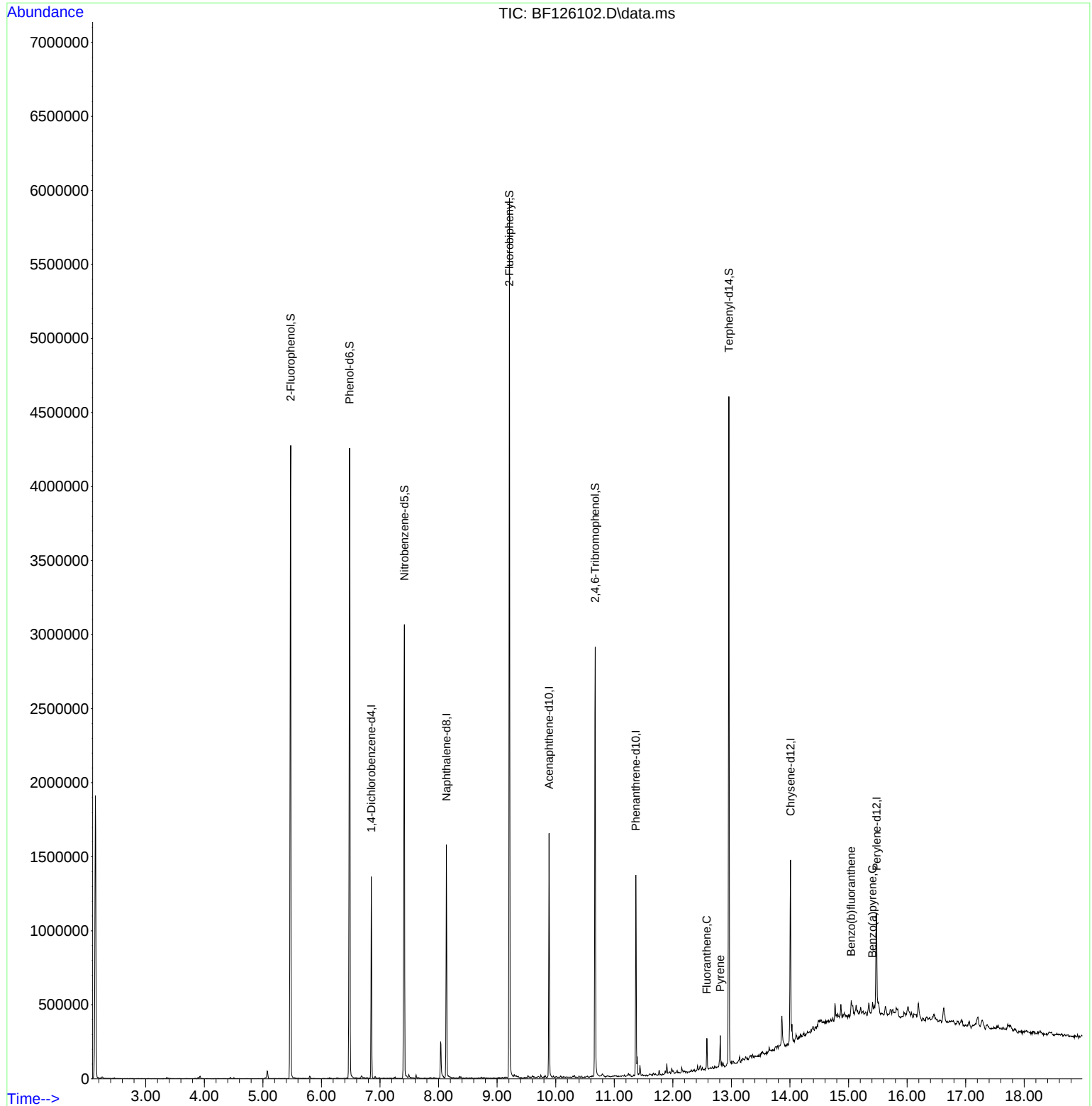
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
Data File : BF126102.D
Acq On : 10 Nov 2021 12:11
Operator : JU/CG
Sample : M4498-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

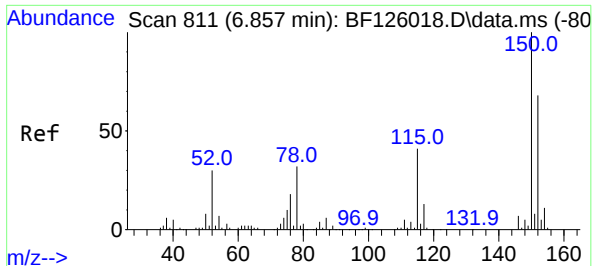
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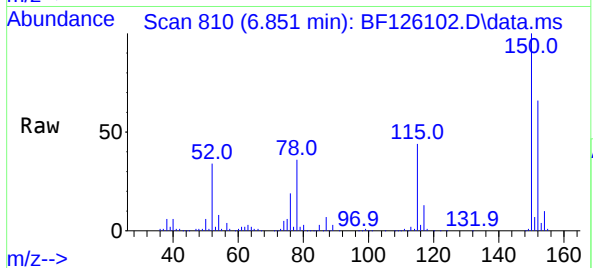
Quant Time: Nov 10 14:23:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

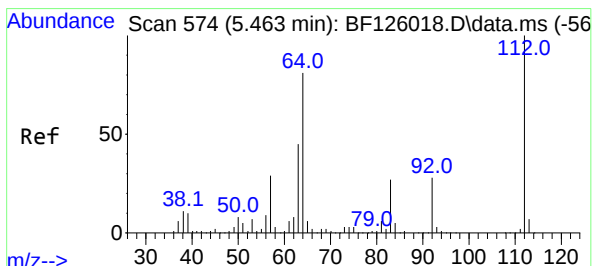
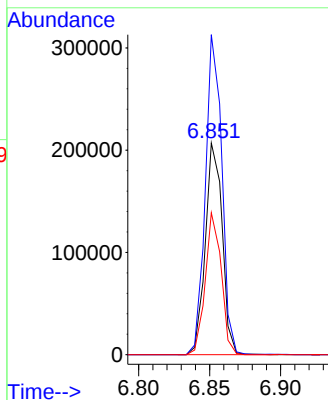
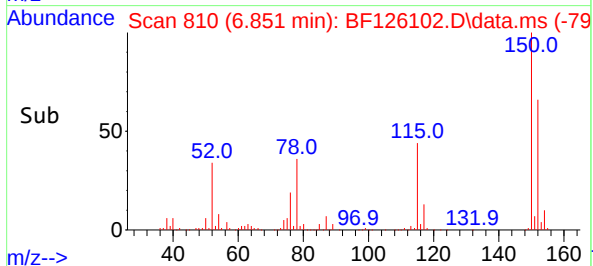
Instrument :
BNA_F
ClientSampleId :
WC-2-LS



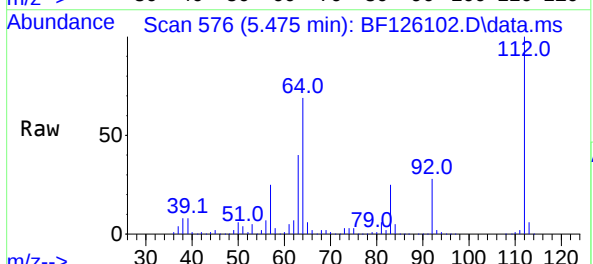
Tgt Ion:152 Resp: 17150
Ion Ratio Lower Upper
152 100
150 151.1 117.6 176.4
115 67.0 47.1 70.7

Manual Integrations
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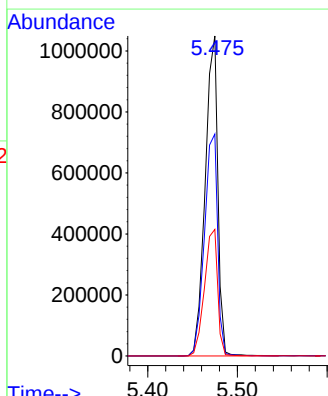
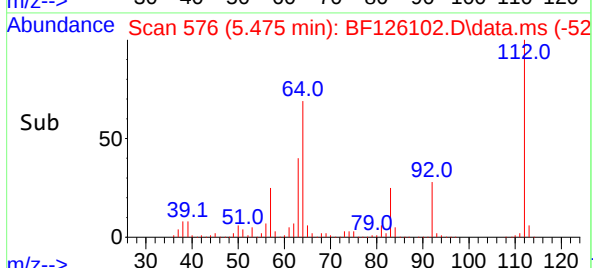
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

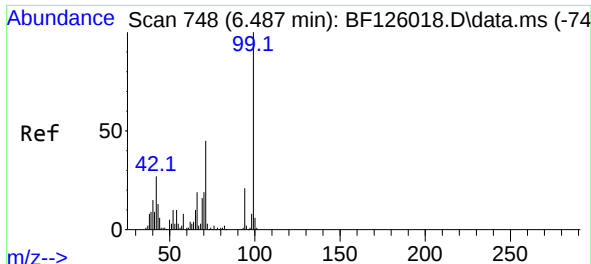


#5
2-Fluorophenol
Concen: 102.841 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11



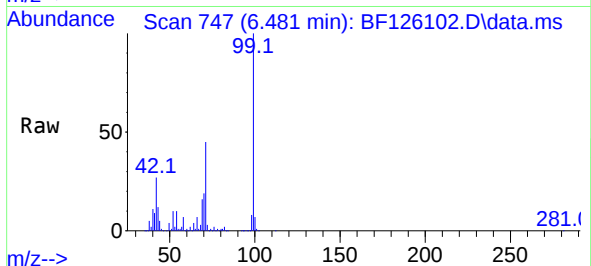
Tgt Ion:112 Resp: 1027087
Ion Ratio Lower Upper
112 100
64 69.4 44.2 66.2#
63 39.5 26.2 39.2#





#7
Phenol-d6
Concen: 93.256 ng
RT: 6.481 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

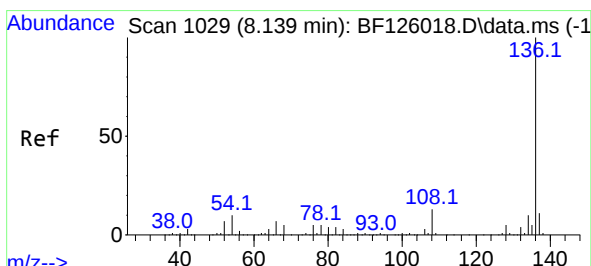
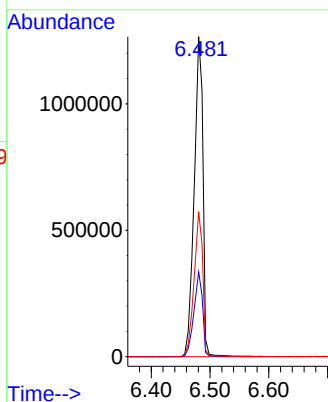
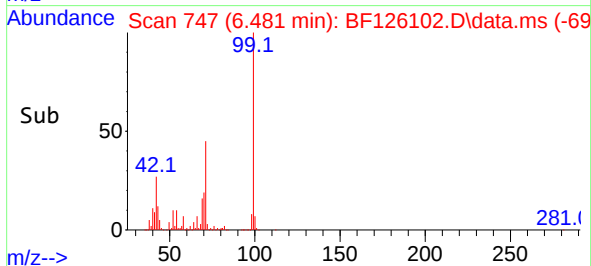
Instrument :
BNA_F
ClientSampleId :
WC-2-LS



Tgt Ion: 99 Resp: 1312911
Ion Ratio Lower Upper
99 100
42 26.5 23.5 35.3
71 45.3 25.6 38.4

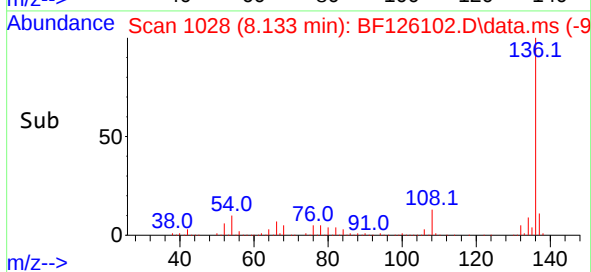
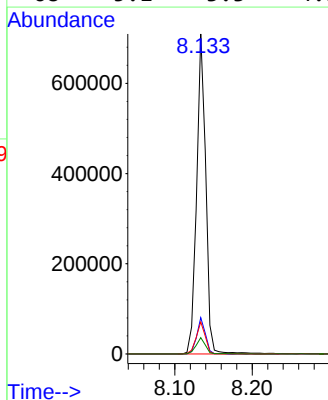
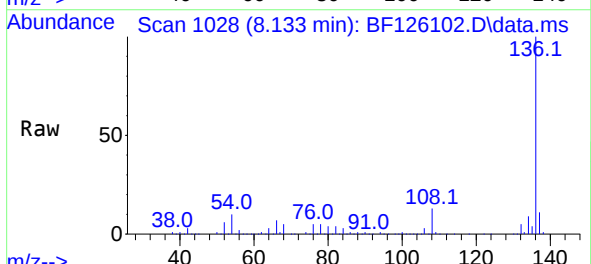
Manual Integrations
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Supervised By :mohammad ahmed 11/11/2021



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

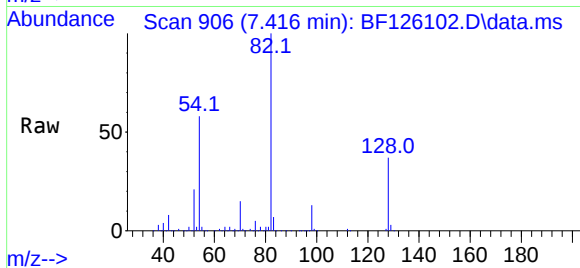
Tgt Ion:136 Resp: 581987
Ion Ratio Lower Upper
136 100
137 11.4 9.8 14.6
54 10.0 6.4 9.6#
68 5.1 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 75.788 ng
RT: 7.416 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

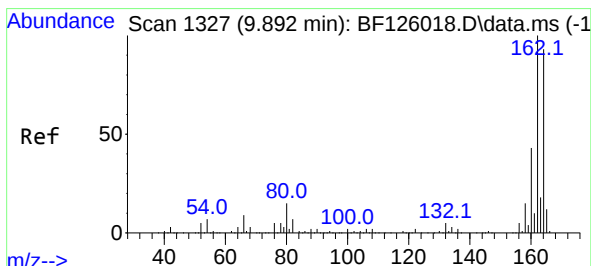
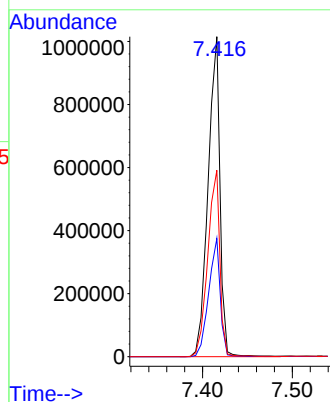
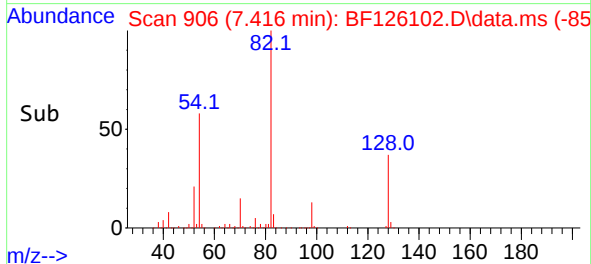
Instrument :
BNA_F
ClientSampleId :
WC-2-LS



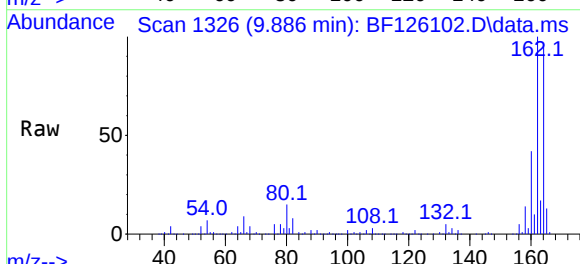
Tgt Ion: 82 Resp: 935270
Ion Ratio Lower Upper
82 100
128 36.9 40.6 60.8
54 58.2 49.6 74.4

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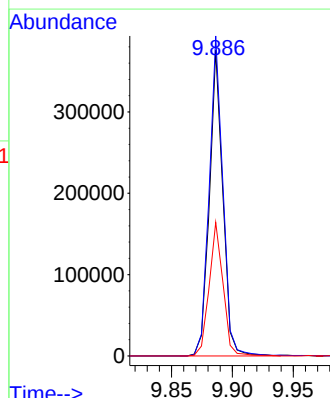
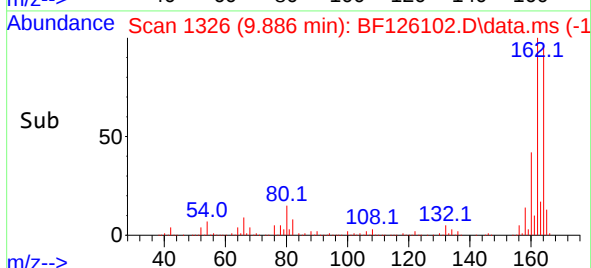
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

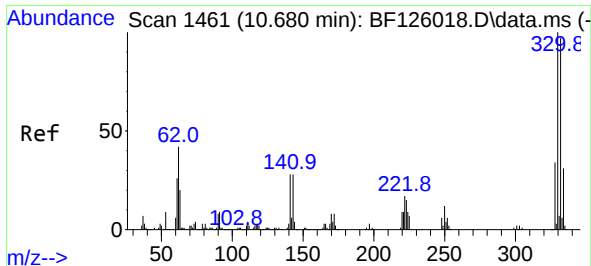


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11



Tgt Ion:164 Resp: 288206
Ion Ratio Lower Upper
164 100
162 104.7 81.3 121.9
160 43.7 38.0 57.0





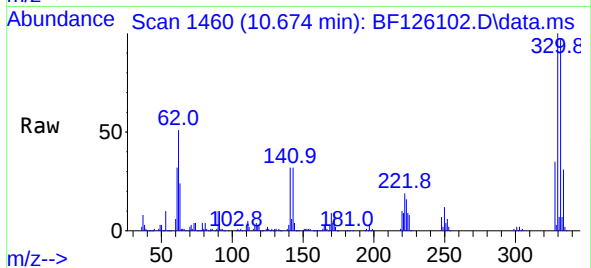
#42
2,4,6-Tribromophenol
Concen: 97.160 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

Instrument :

BNA_F

ClientSampleId :

WC-2-LS

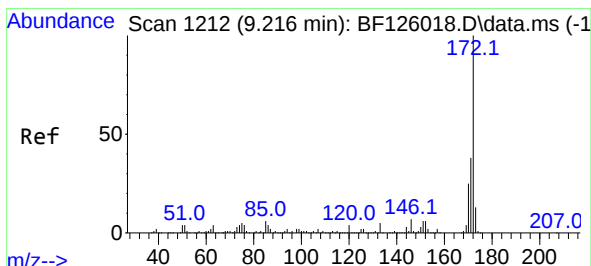
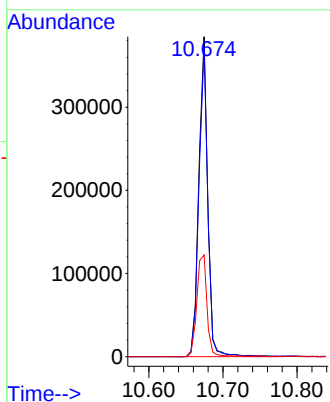
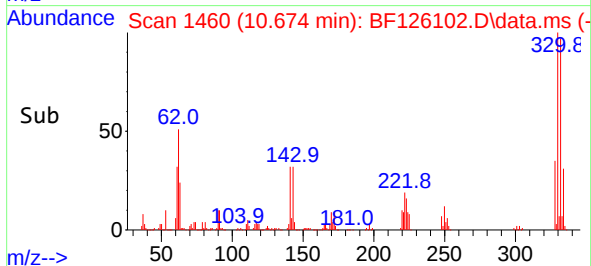


Tgt Ion:330 Resp: 320900
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 36.4 44.6 66.8

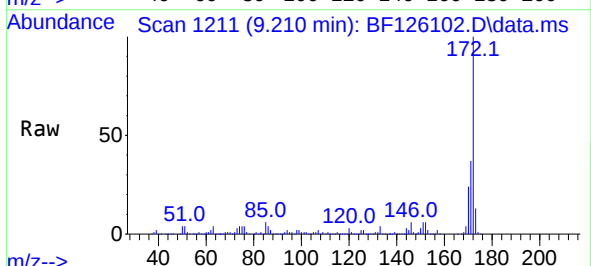
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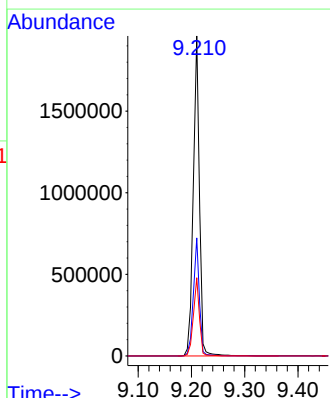
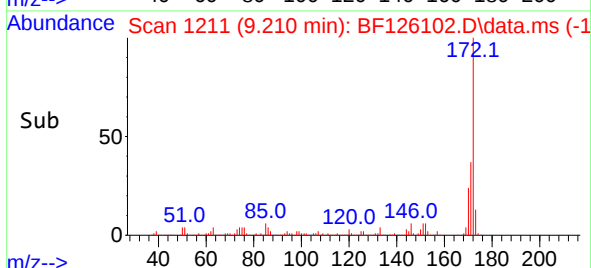
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#45
2-Fluorobiphenyl
Concen: 74.279 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11



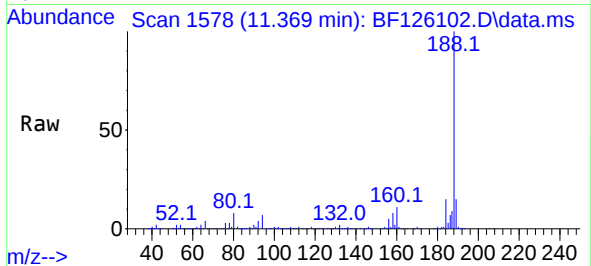
Tgt Ion:172 Resp: 1584157
Ion Ratio Lower Upper
172 100
171 36.9 26.5 39.7
170 24.5 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

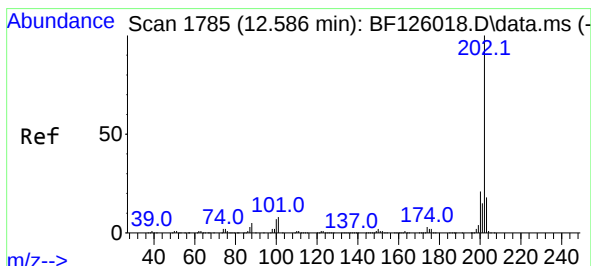
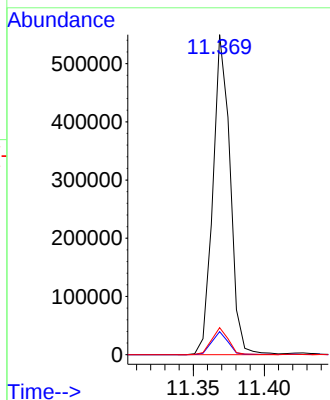
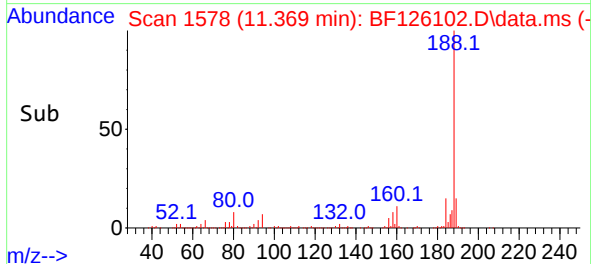
Instrument :
BNA_F
ClientSampleId :
WC-2-LS



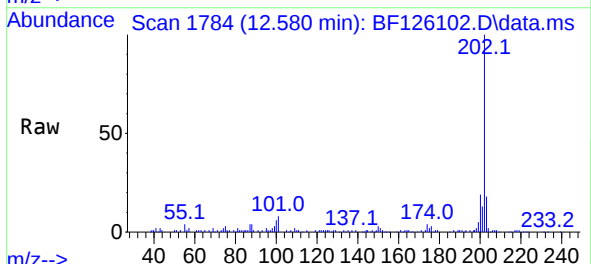
Tgt Ion:188 Resp: 462985
Ion Ratio Lower Upper
188 100
94 7.2 6.7 10.1
80 8.4 7.5 11.3

Manual Integrations
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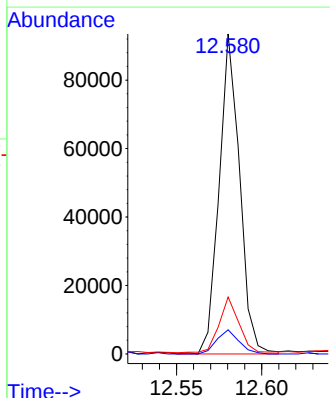
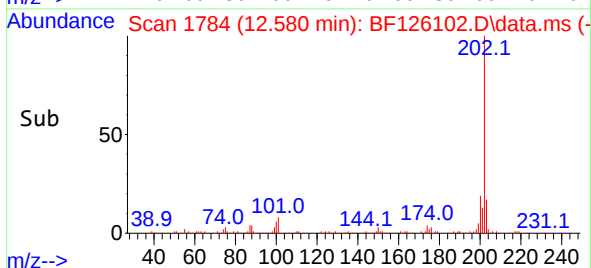
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

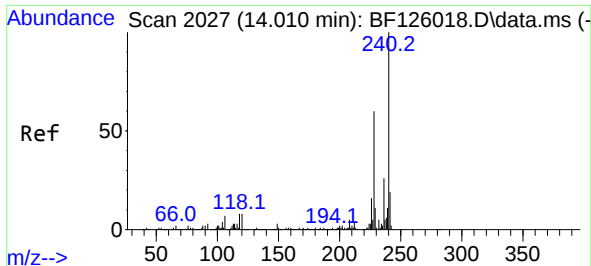


#75
Fluoranthene
Concen: 2.803 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11



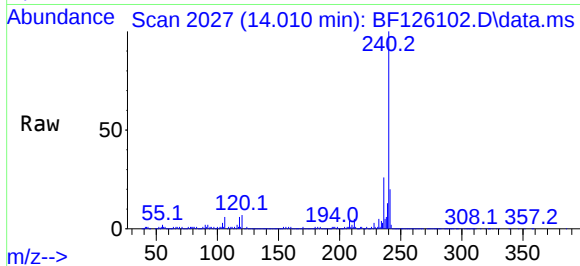
Tgt Ion:202 Resp: 78383
Ion Ratio Lower Upper
202 100
101 7.5 0.0 30.7
203 17.8 0.0 36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

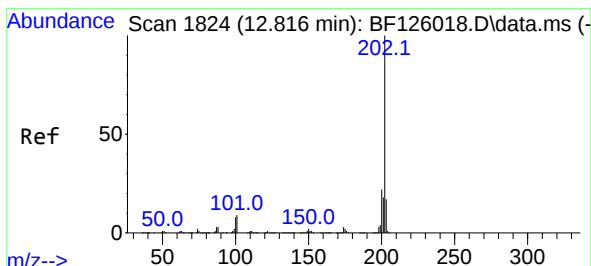
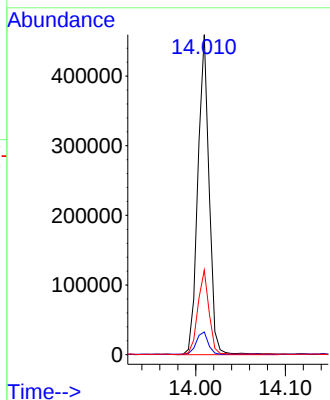
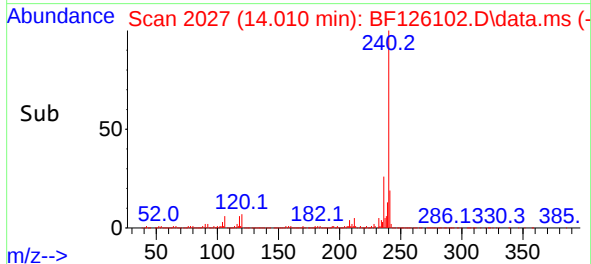
Instrument :
BNA_F
ClientSampleId :
WC-2-LS



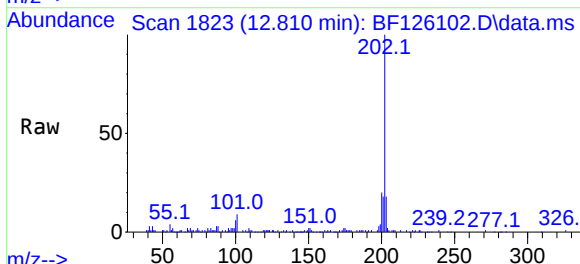
Tgt Ion:240 Resp: 400510
Ion Ratio Lower Upper
240 100
120 7.1 10.8 16.2
236 26.4 21.6 32.4

Manual Integrations
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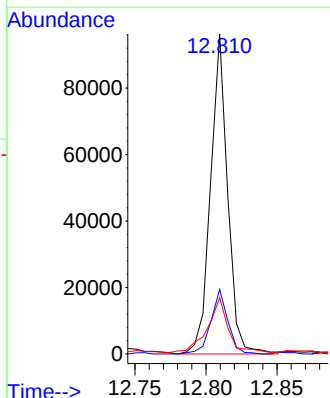
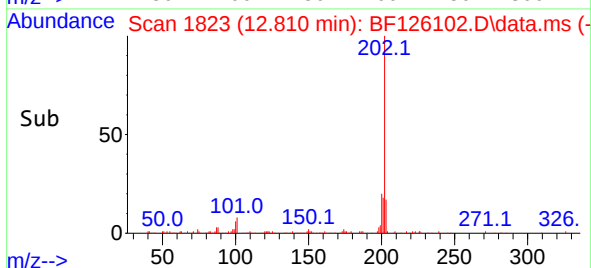
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

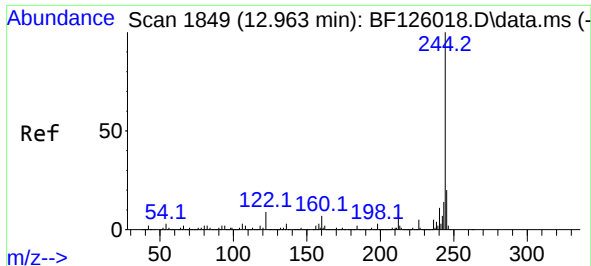


#78
Pyrene
Concen: 2.521 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11



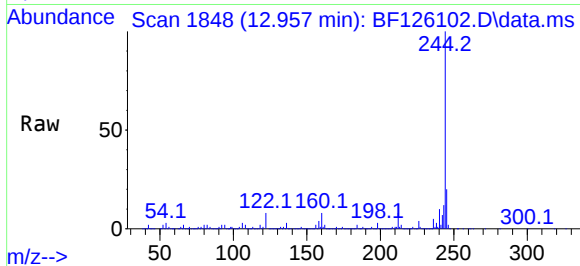
Tgt Ion:202 Resp: 80962
Ion Ratio Lower Upper
202 100
200 20.2 15.3 22.9
203 17.6 13.4 20.0





#79
Terphenyl-d14
Concen: 55.551 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

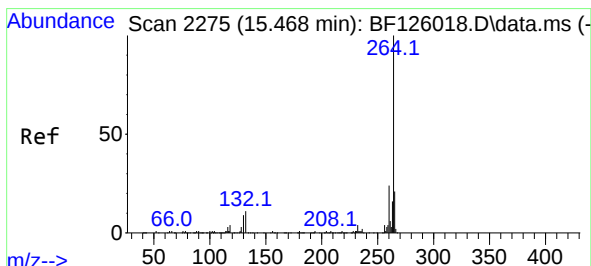
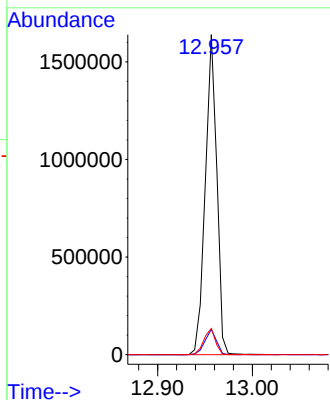
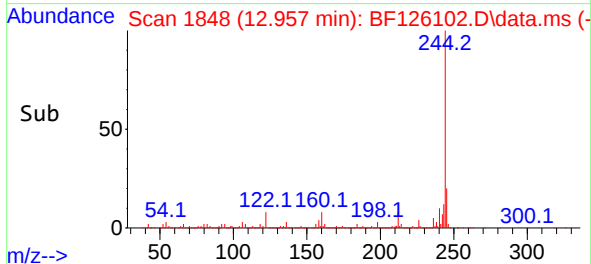
Instrument :
BNA_F
ClientSampleId :
WC-2-LS



Tgt Ion:244 Resp: 1379720
Ion Ratio Lower Upper
244 100
212 8.0 5.9 8.9
122 8.2 9.0 13.4

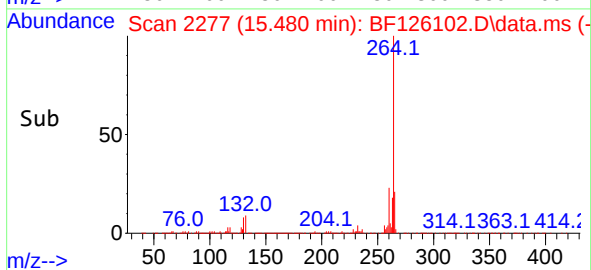
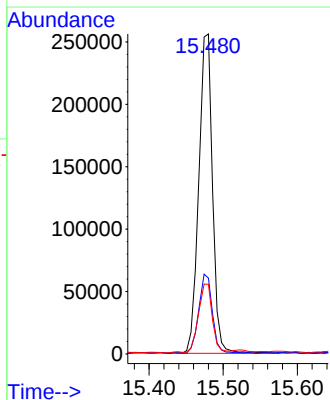
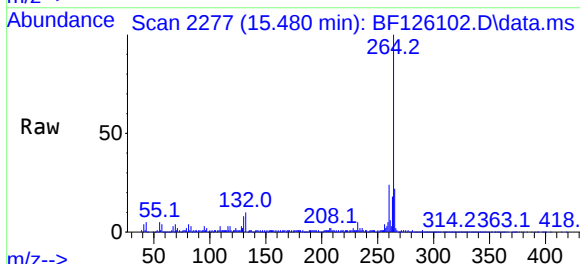
Manual Integrations
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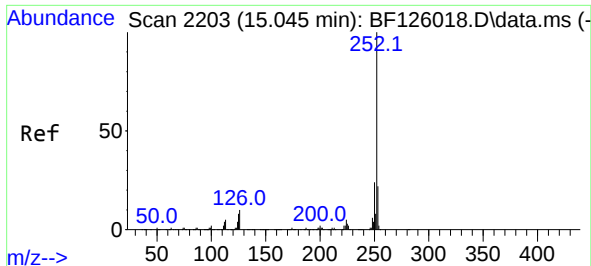
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2277
Delta R.T. 0.012 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

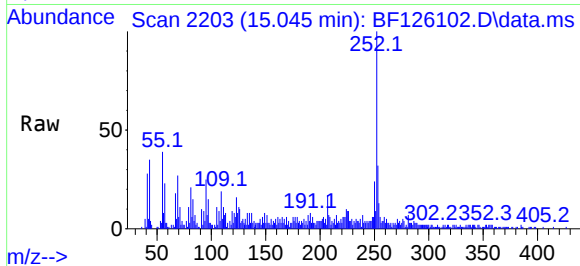
Tgt Ion:264 Resp: 329357
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 21.8 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 2.235 ng m
RT: 15.045 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

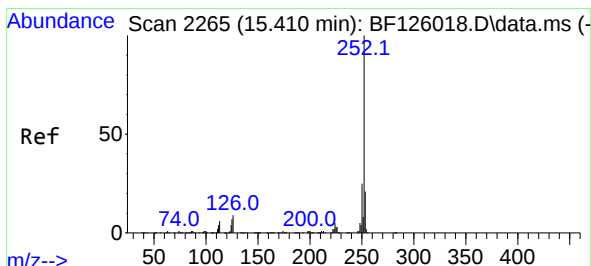
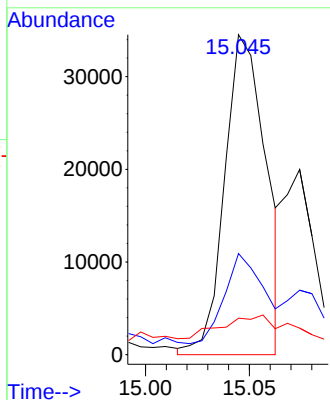
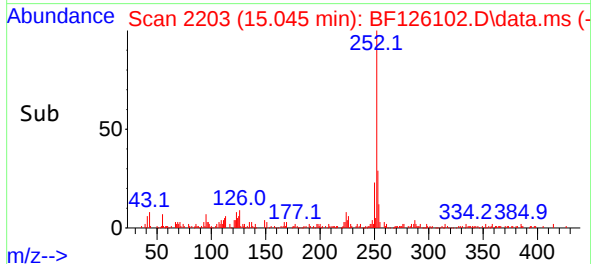
Instrument :
BNA_F
ClientSampleId :
WC-2-LS



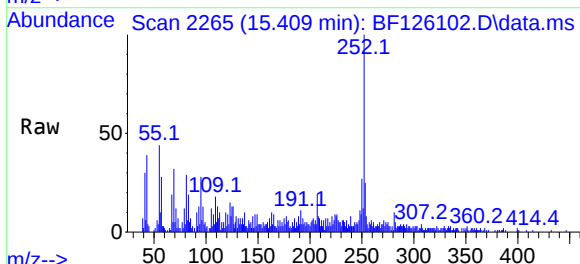
Tgt Ion:252 Resp: 47879
Ion Ratio Lower Upper
252 100
253 31.6 16.8 25.2
125 11.4 9.8 14.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#90
Benzo(a)pyrene
Concen: 2.145 ng
RT: 15.409 min Scan# 2265
Delta R.T. -0.001 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11



Tgt Ion:252 Resp: 36211
Ion Ratio Lower Upper
252 100
253 25.1 18.4 27.6
125 12.8 9.9 14.9

