

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
 Data File : BF132329.D
 Acq On : 03 Feb 2023 19:07
 Operator : CG\JU
 Sample : 01415-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-0202

Quant Time: Feb 04 01:40:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 01:32:42 2023
 Response via : Initial Calibration

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

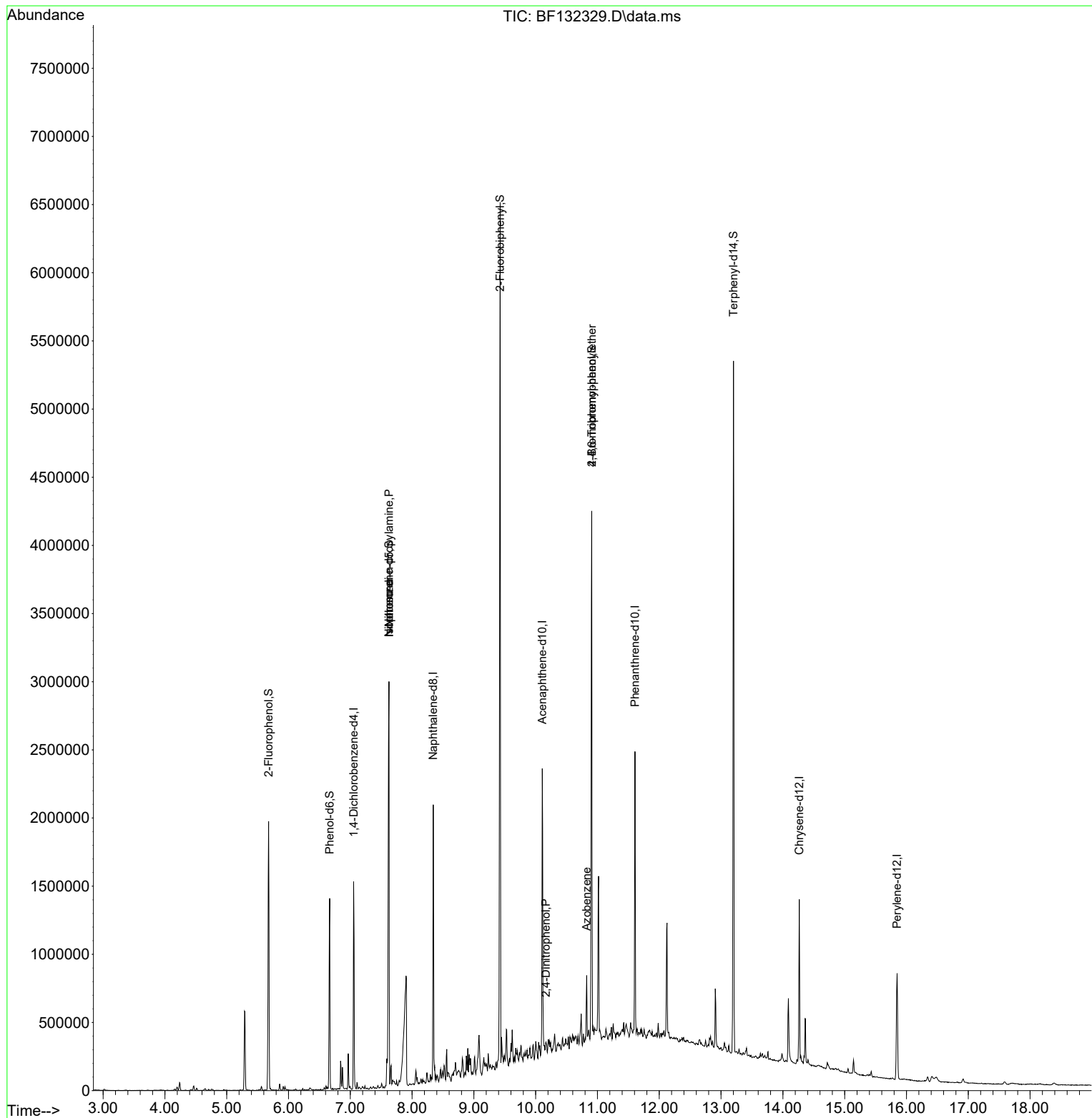
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.054	152	225653	20.000	ng	0.00
21) Naphthalene-d8	8.342	136	850412	20.000	ng	0.00
39) Acenaphthene-d10	10.107	164	426289	20.000	ng	0.00
64) Phenanthrene-d10	11.607	188	726144	20.000	ng	0.00
76) Chrysene-d12	14.266	240	369115	20.000	ng	0.00
86) Perylene-d12	15.848	264	367050	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	714951	50.928	ng	0.00
7) Phenol-d6	6.666	99	529258	30.580	ng	-0.01
23) Nitrobenzene-d5	7.625	82	1118689	73.202	ng	0.00
42) 2,4,6-Tribromophenol	10.907	330	560979	127.966	ng	0.00
45) 2-Fluorobiphenyl	9.425	172	1957441	70.909	ng	0.00
79) Terphenyl-d14	13.201	244	1885177	98.796	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.607	77	1728	Below Cal	#	65
19) n-Nitroso-di-n-propyla...	7.625	70	141270	14.370	ng	# 78
25) Isophorone	7.625	82	1114850	38.436	ng	# 64
54) 2,4-Dinitrophenol	10.166	184	364	4.417	ng	# 1
63) Azobenzene	10.825	77	70390	2.436	ng	# 1
67) 4-Bromophenyl-phenylether	10.907	248	31646	4.256	ng	# 1

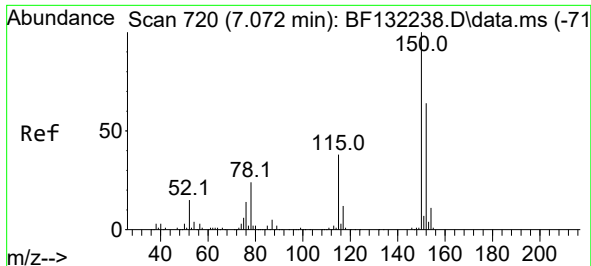
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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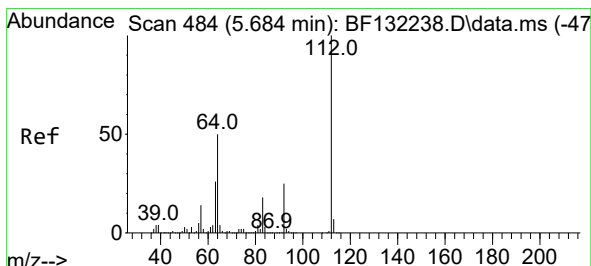
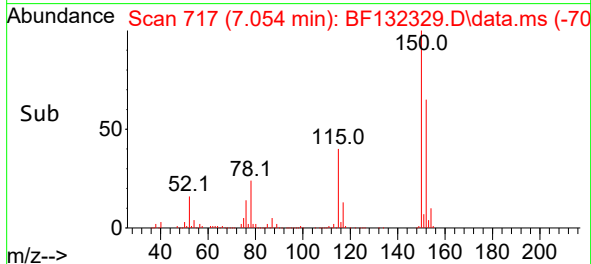
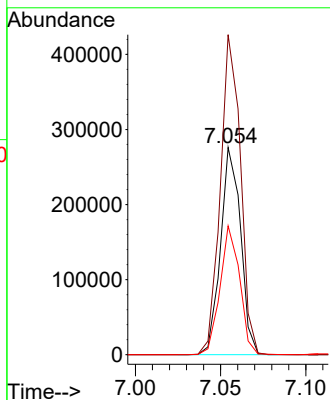
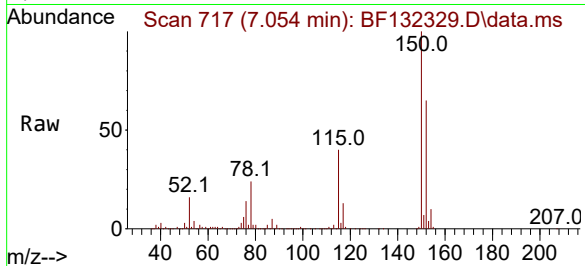




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.054 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132329.D
Acq: 03 Feb 2023 19:07

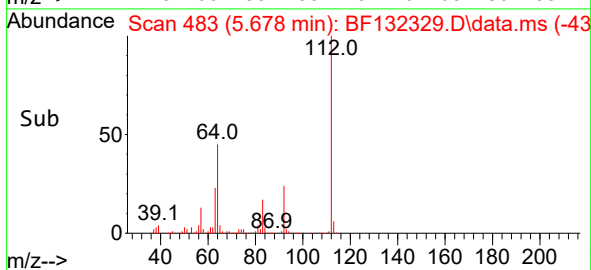
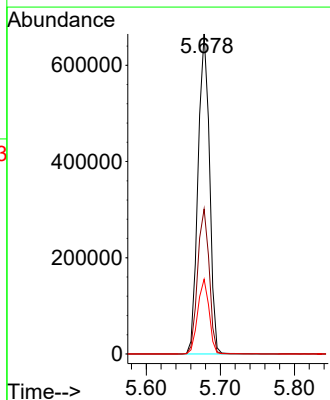
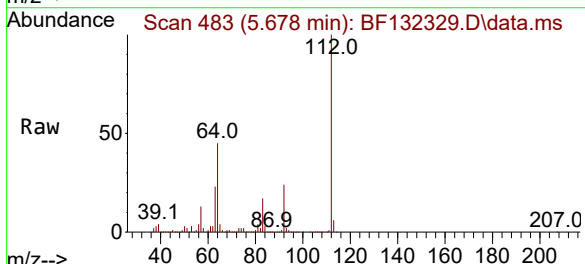
Instrument :
BNA_F
ClientSampleId :
MW-1-0202

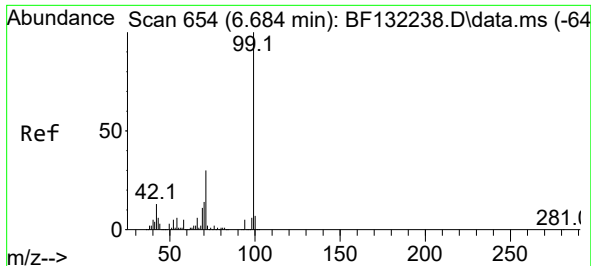
Tgt Ion:152 Resp: 225653
Ion Ratio Lower Upper
152 100
150 154.5 124.2 186.2
115 62.2 47.3 70.9



#5
2-Fluorophenol
Concen: 50.928 ng
RT: 5.678 min Scan# 483
Delta R.T. 0.000 min
Lab File: BF132329.D
Acq: 03 Feb 2023 19:07

Tgt Ion:112 Resp: 714951
Ion Ratio Lower Upper
112 100
64 45.3 40.0 60.0
63 23.4 20.5 30.7

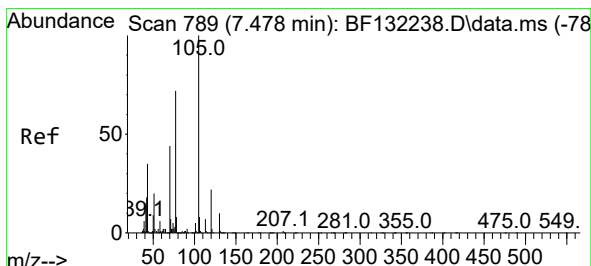
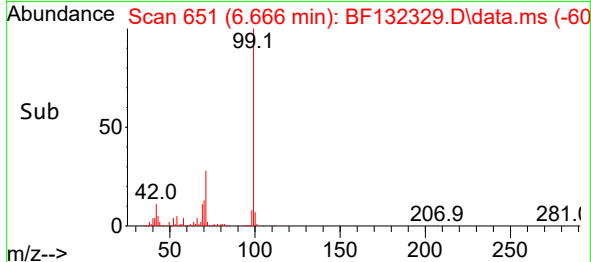
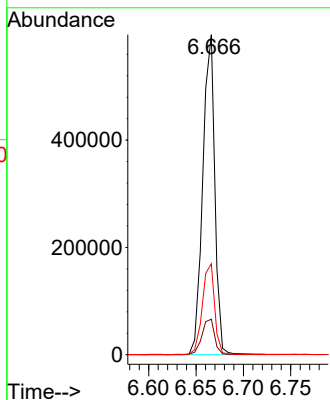
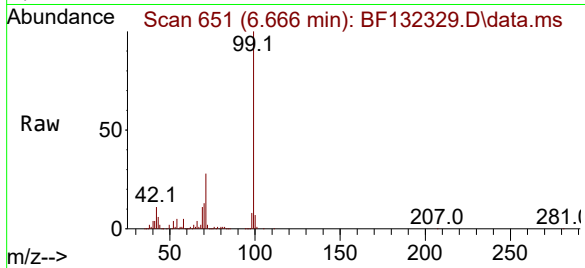




#7
Phenol-d6
Concen: 30.580 ng
RT: 6.666 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132329.D
Acq: 03 Feb 2023 19:07

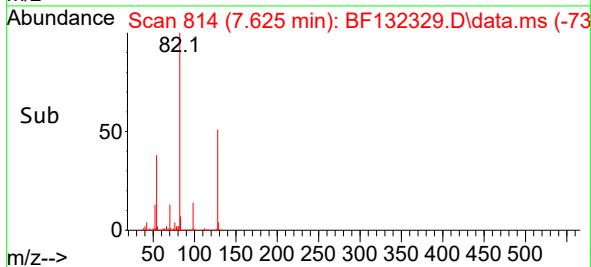
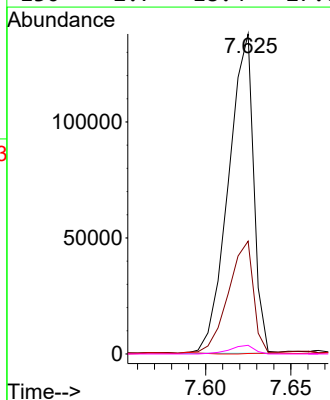
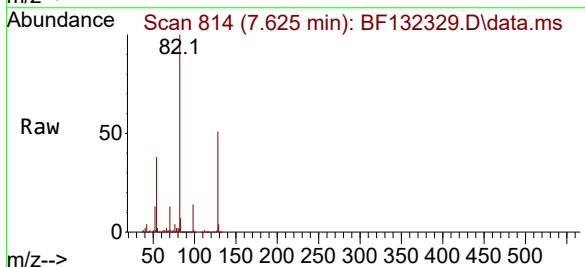
Instrument :
BNA_F
ClientSampleId :
MW-1-0202

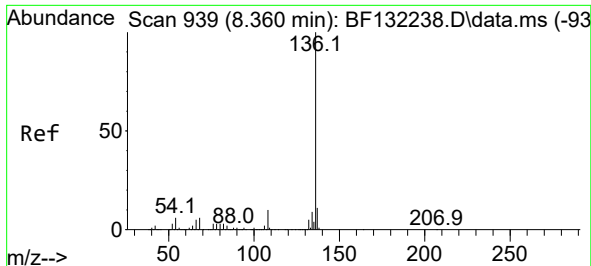
Tgt Ion: 99 Resp: 529258
Ion Ratio Lower Upper
99 100
42 11.1 10.1 15.1
71 28.4 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.370 ng
RT: 7.625 min Scan# 814
Delta R.T. 0.153 min
Lab File: BF132329.D
Acq: 03 Feb 2023 19:07

Tgt Ion: 70 Resp: 141270
Ion Ratio Lower Upper
70 100
42 35.2 33.4 50.0
101 0.1 8.2 12.4#
130 2.7 18.4 27.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.342 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF132329.D

Acq: 03 Feb 2023 19:07

Instrument :

BNA_F

ClientSampleId :

MW-1-0202

Tgt Ion:136 Resp: 850412

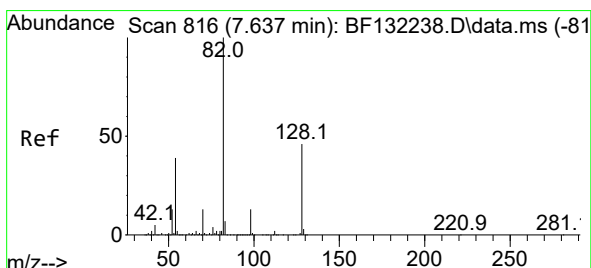
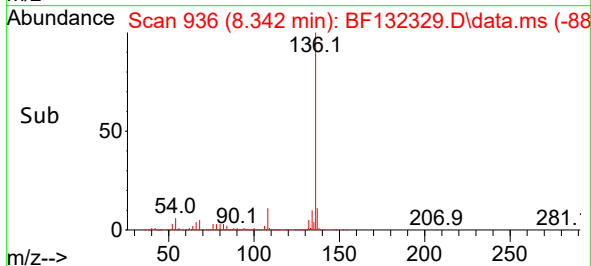
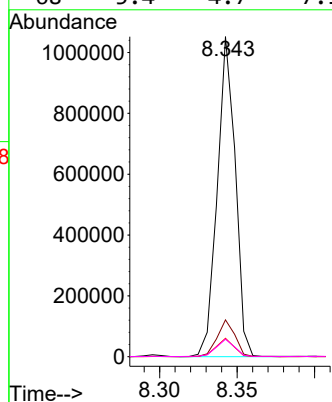
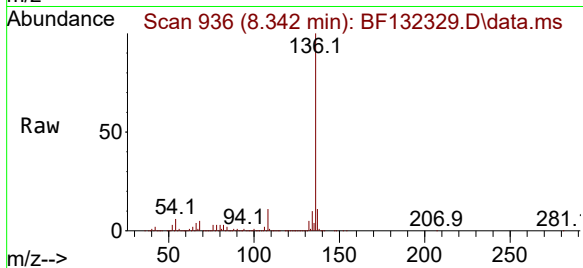
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 5.7 4.9 7.3

68 5.4 4.7 7.1



#23

Nitrobenzene-d5

Concen: 73.202 ng

RT: 7.625 min Scan# 814

Delta R.T. -0.006 min

Lab File: BF132329.D

Acq: 03 Feb 2023 19:07

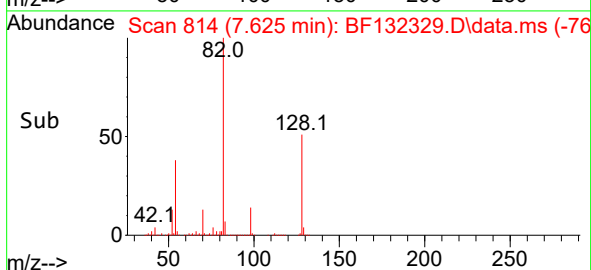
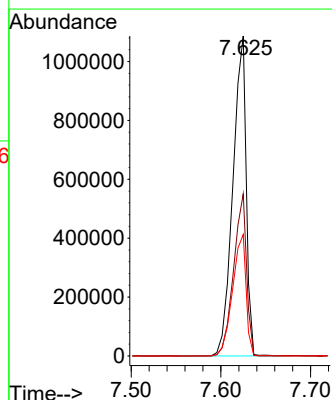
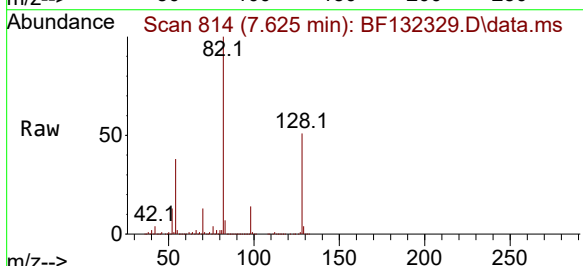
Tgt Ion: 82 Resp: 1118689

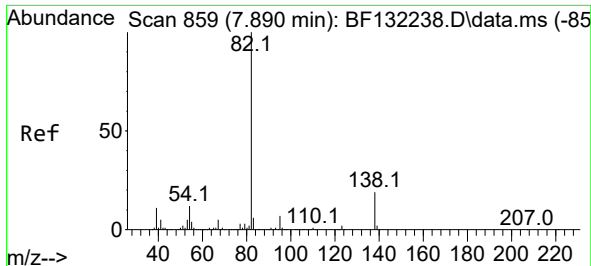
Ion Ratio Lower Upper

82 100

128 50.6 37.0 55.4

54 37.9 31.5 47.3

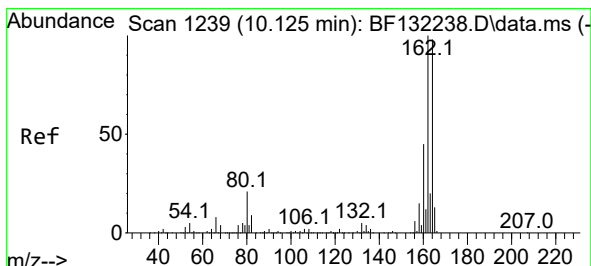
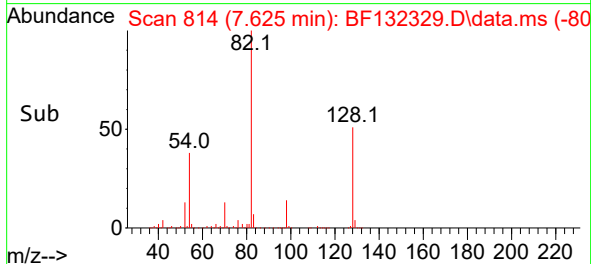
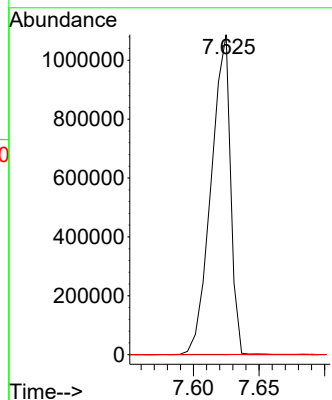
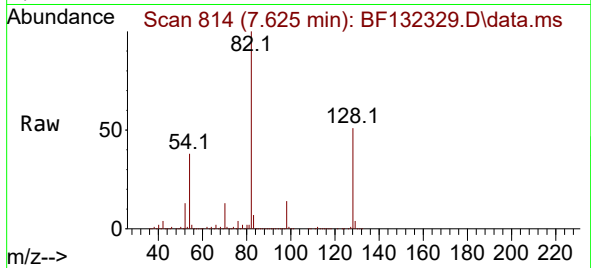




#25
Isophorone
Concen: 38.436 ng
RT: 7.625 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132329.D
Acq: 03 Feb 2023 19:07

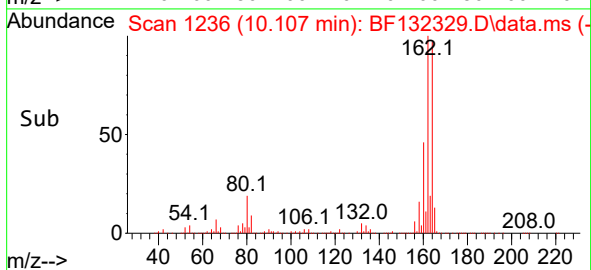
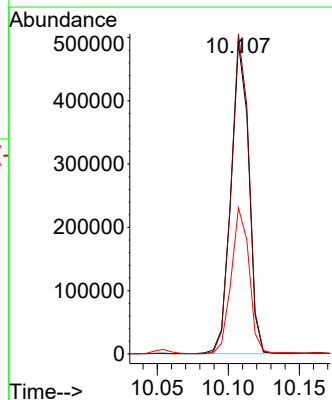
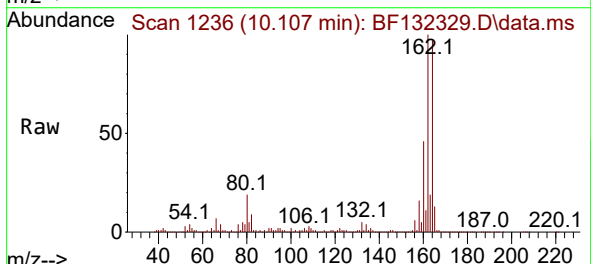
Instrument :
BNA_F
ClientSampleId :
MW-1-0202

Tgt Ion: 82 Resp: 1114850
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.107 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF132329.D
Acq: 03 Feb 2023 19:07

Tgt Ion:164 Resp: 426289
Ion Ratio Lower Upper
164 100
162 102.9 82.0 123.0
160 47.0 37.1 55.7

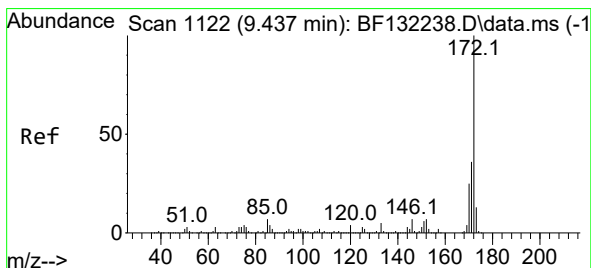
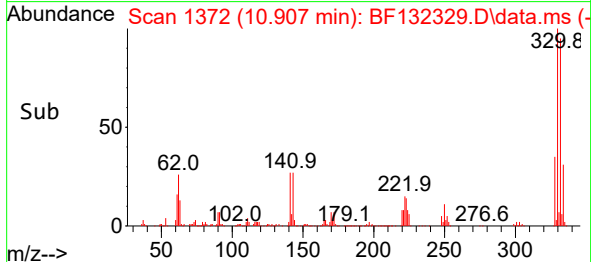
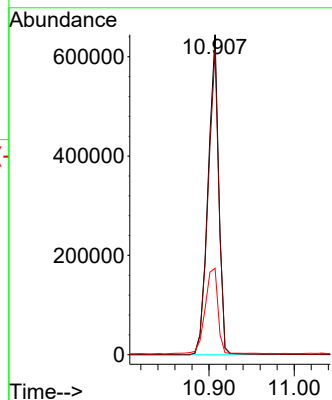
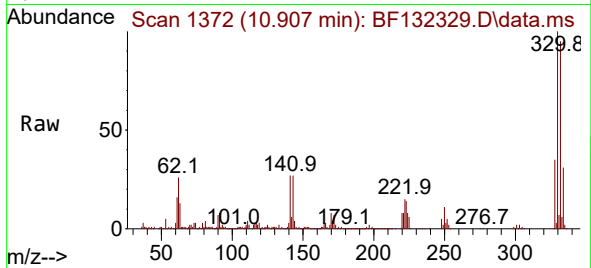




#42
2,4,6-Tribromophenol
Concen: 127.966 ng
RT: 10.907 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132329.D
Acq: 03 Feb 2023 19:07

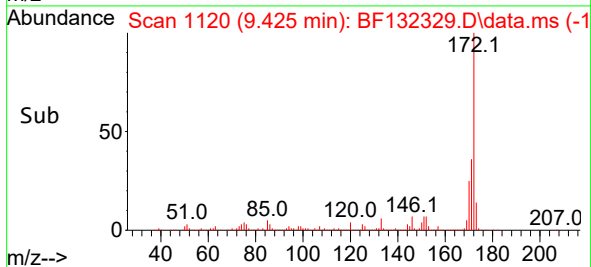
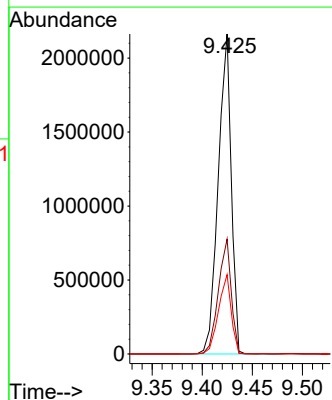
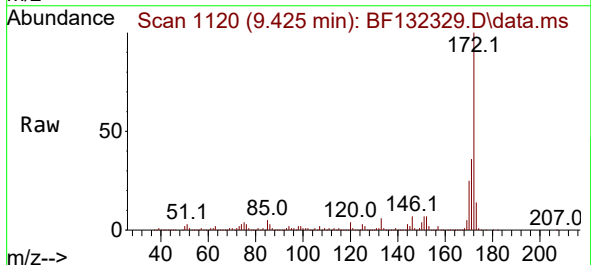
Instrument :
BNA_F
ClientSampleId :
MW-1-0202

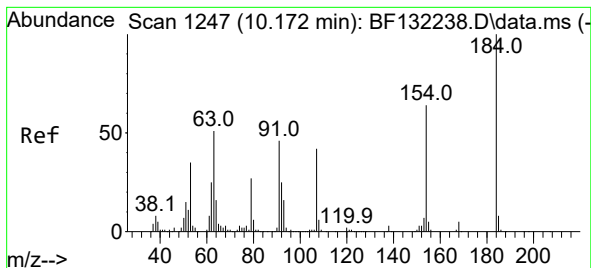
Tgt Ion:330 Resp: 560979
Ion Ratio Lower Upper
330 100
332 95.5 77.9 116.9
141 32.1 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 70.909 ng
RT: 9.425 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BF132329.D
Acq: 03 Feb 2023 19:07

Tgt Ion:172 Resp: 1957441
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.8 19.7 29.5





#54

2,4-Dinitrophenol

Concen: 4.417 ng

RT: 10.166 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132329.D

Acq: 03 Feb 2023 19:07

Instrument :

BNA_F

ClientSampleId :

MW-1-0202

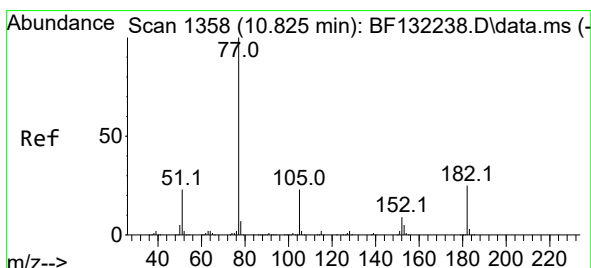
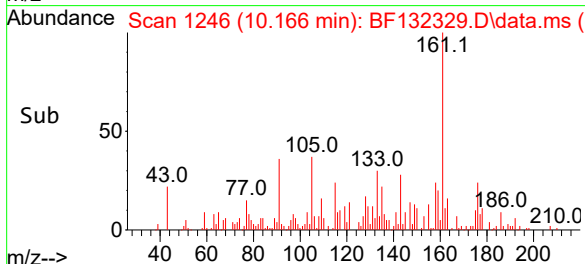
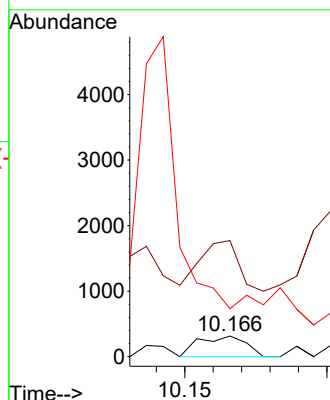
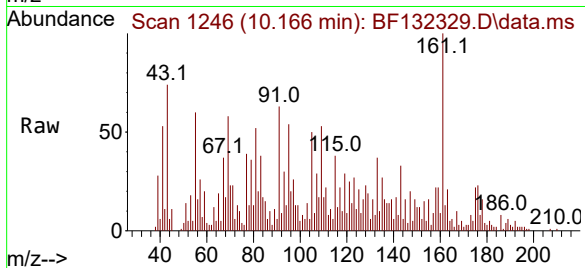
Tgt Ion:184 Resp: 364

Ion Ratio Lower Upper

184 100

63 563.2 41.6 62.4#

154 233.0 57.0 85.6#



#63

Azobenzene

Concen: 2.436 ng

RT: 10.825 min Scan# 1358

Delta R.T. 0.012 min

Lab File: BF132329.D

Acq: 03 Feb 2023 19:07

Tgt Ion: 77 Resp: 70390

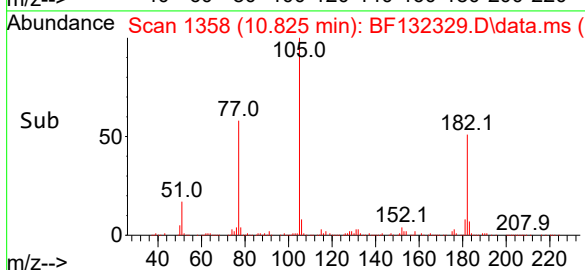
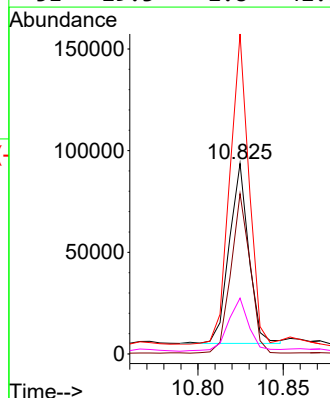
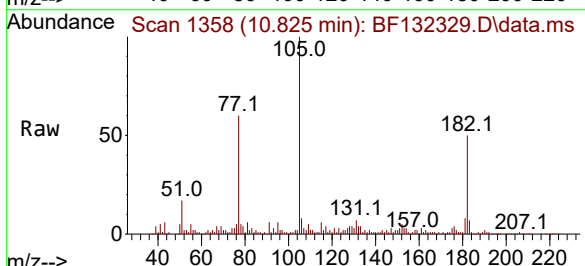
Ion Ratio Lower Upper

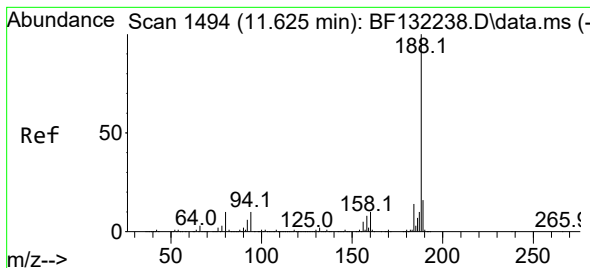
77 100

182 84.1 4.5 44.5#

105 168.0 2.7 42.7#

51 29.3 2.8 42.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.607 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF132329.D

Acq: 03 Feb 2023 19:07

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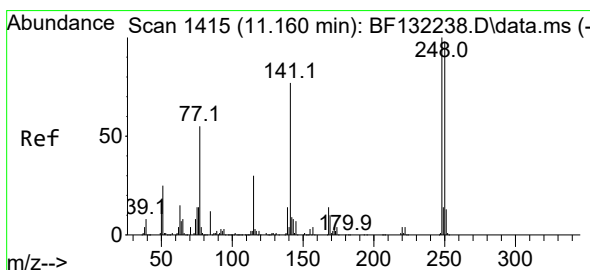
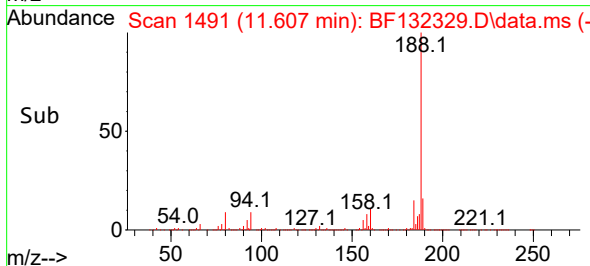
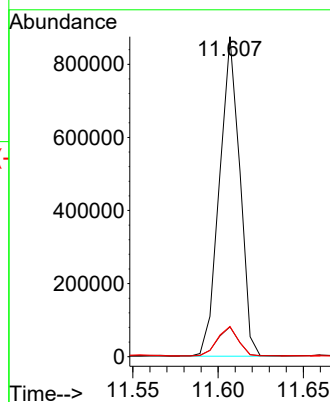
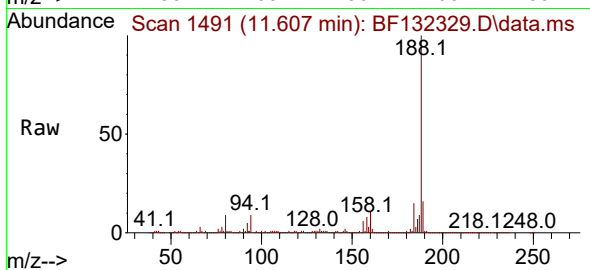
Tgt Ion:188 Resp: 726144

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.2

80 9.5 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 4.256 ng

RT: 10.907 min Scan# 1372

Delta R.T. -0.241 min

Lab File: BF132329.D

Acq: 03 Feb 2023 19:07

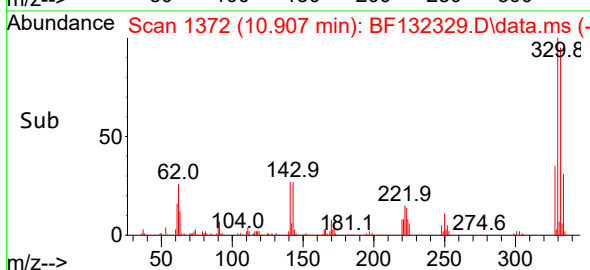
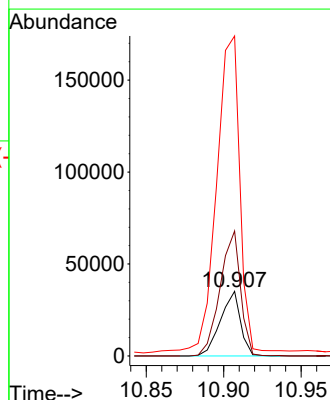
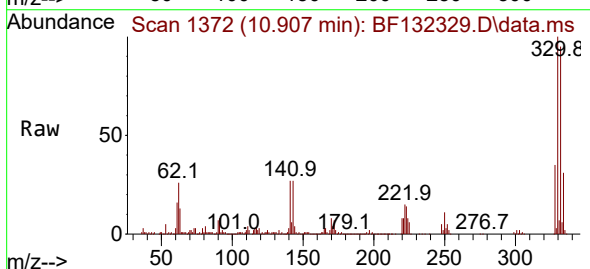
Tgt Ion:248 Resp: 31646

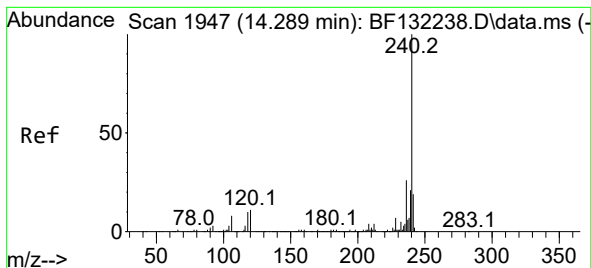
Ion Ratio Lower Upper

248 100

250 193.3 78.6 117.8#

141 495.3 61.6 92.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.266 min Scan# 1943

Delta R.T. -0.006 min

Lab File: BF132329.D

Acq: 03 Feb 2023 19:07

Instrument :

BNA_F

ClientSampleId :

MW-1-0202

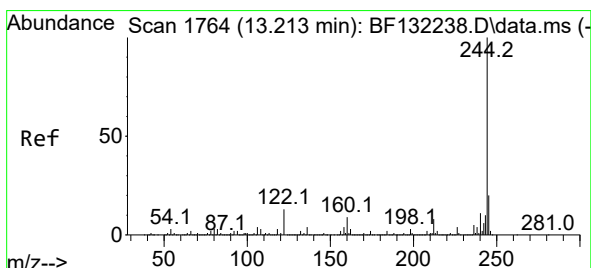
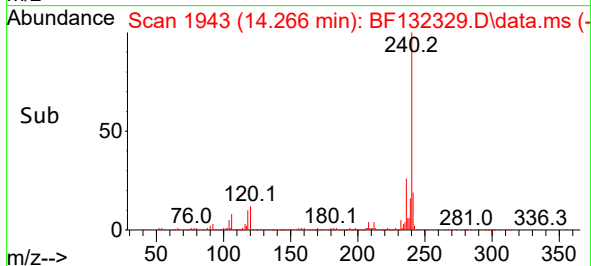
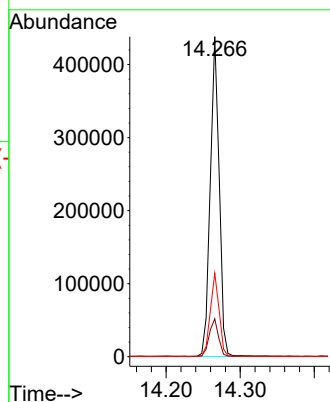
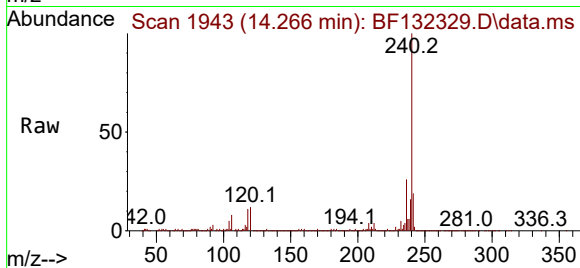
Tgt Ion:240 Resp: 369115

Ion Ratio Lower Upper

240 100

120 11.9 8.8 13.2

236 26.1 21.0 31.6



#79

Terphenyl-d14

Concen: 98.796 ng

RT: 13.201 min Scan# 1762

Delta R.T. 0.000 min

Lab File: BF132329.D

Acq: 03 Feb 2023 19:07

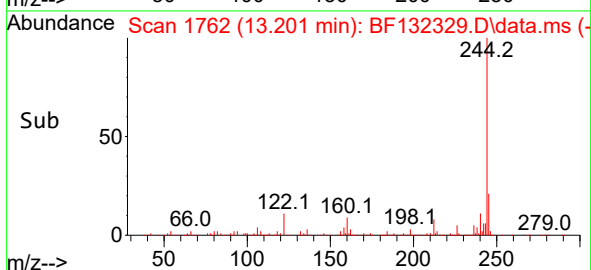
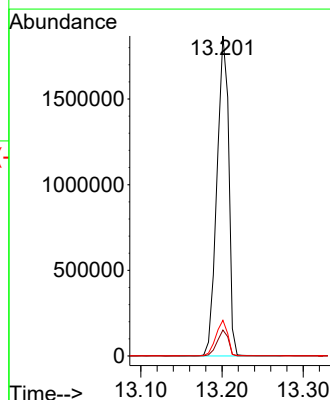
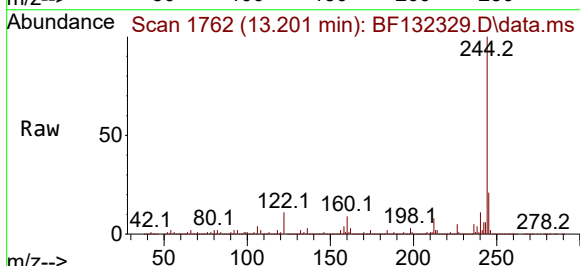
Tgt Ion:244 Resp: 1885177

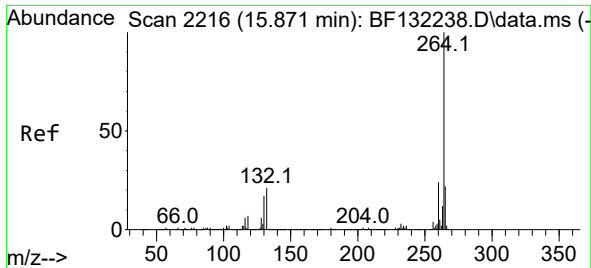
Ion Ratio Lower Upper

244 100

212 8.1 6.4 9.6

122 11.2 10.5 15.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.848 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132329.D
Acq: 03 Feb 2023 19:07

Instrument :
BNA_F
ClientSampleId :
MW-1-0202

Tgt Ion:264 Resp: 367050

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.4
265	21.6	17.4	26.2

