

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136804.D
 Acq On : 28 Dec 2023 20:51
 Operator : CG\JU
 Sample : 05932-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-121923

Quant Time: Dec 28 23:31:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

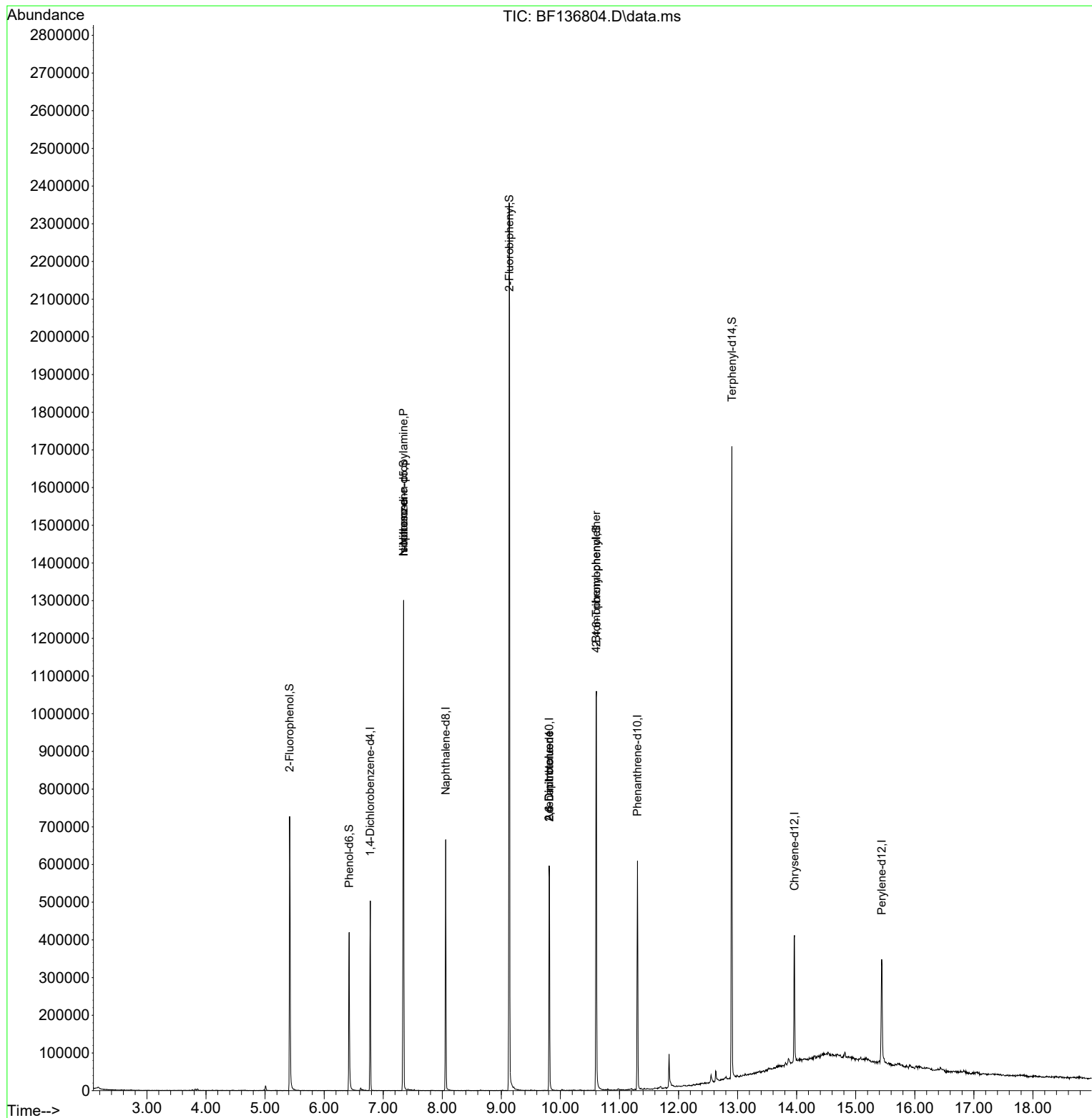
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	71105	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	265471	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	126023	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	212840	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	130618	20.000	ng	0.00
86) Perylene-d12	15.439	264	142720	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	198595	43.578	ng	-0.01
7) Phenol-d6	6.422	99	140632	23.816	ng	-0.02
23) Nitrobenzene-d5	7.345	82	399273	76.962	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	145707	98.172	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	781752	83.433	ng	-0.02
79) Terphenyl-d14	12.904	244	595000	63.658	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	52447	14.652	ng	# 73
25) Isophorone	7.345	82	397489	42.107	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	15905	7.613	ng	# 29
57) 2,4-Dinitrotoluene	9.810	165	15905	5.865	ng	# 20
67) 4-Bromophenyl-phenylether	10.604	248	9004	3.809	ng	# 1

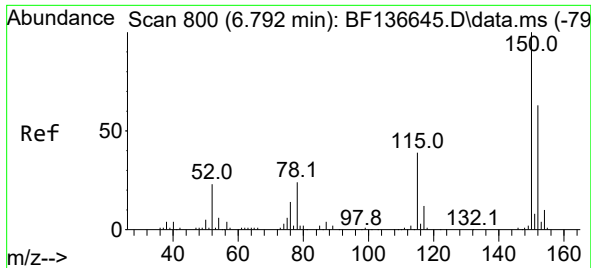
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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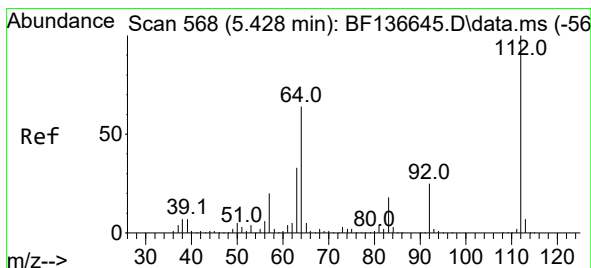
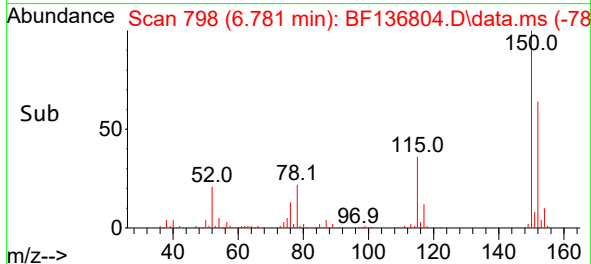
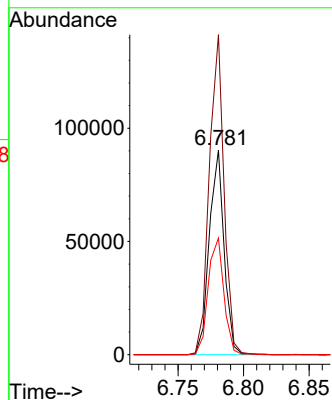
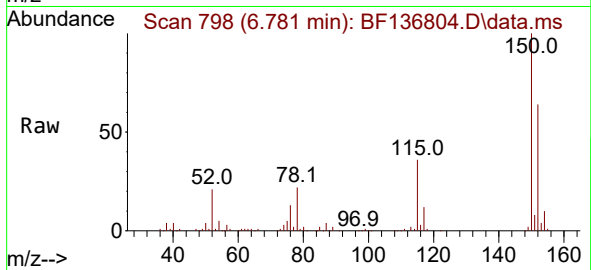




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136804.D
Acq: 28 Dec 2023 20:51

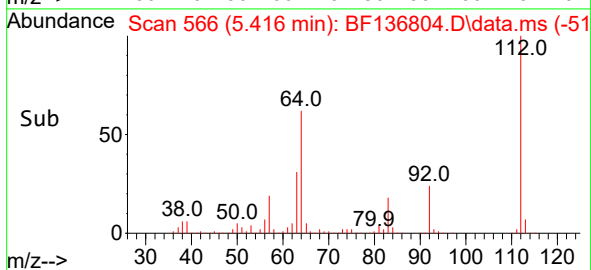
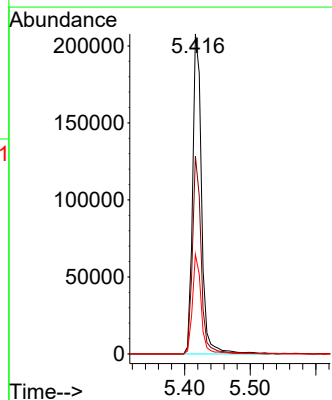
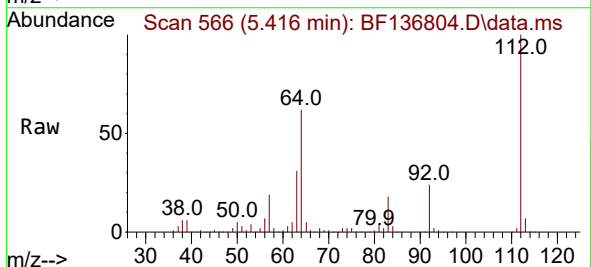
Instrument :
BNA_F
ClientSampleId :
MW-1-121923

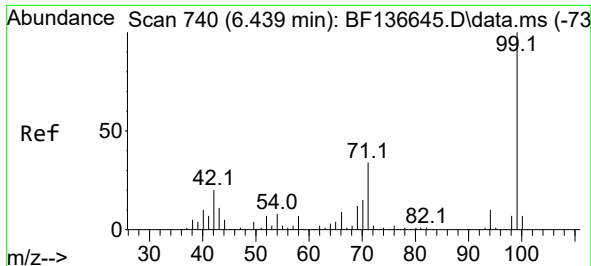
Tgt Ion:152 Resp: 71105
Ion Ratio Lower Upper
152 100
150 156.4 127.0 190.6
115 57.0 49.0 73.4



#5
2-Fluorophenol
Concen: 43.578 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF136804.D
Acq: 28 Dec 2023 20:51

Tgt Ion:112 Resp: 198595
Ion Ratio Lower Upper
112 100
64 61.8 51.1 76.7
63 31.1 26.1 39.1

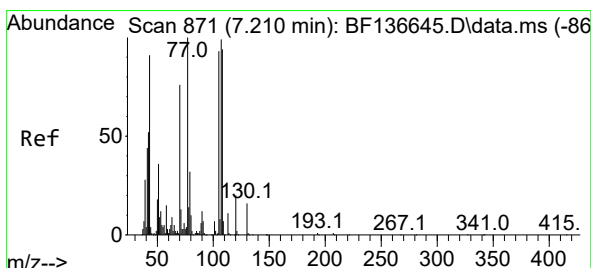
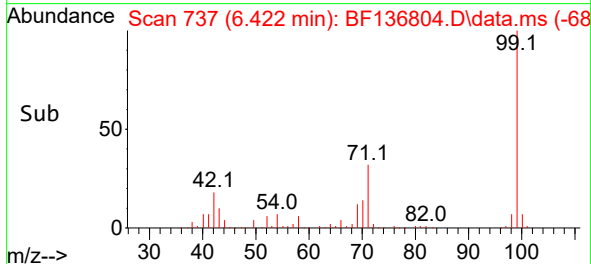
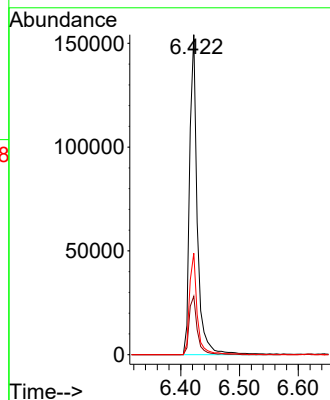
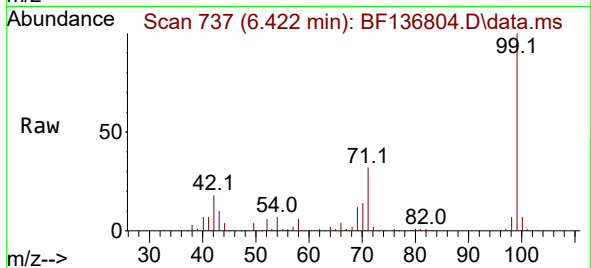




#7
Phenol-d6
Concen: 23.816 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF136804.D
Acq: 28 Dec 2023 20:51

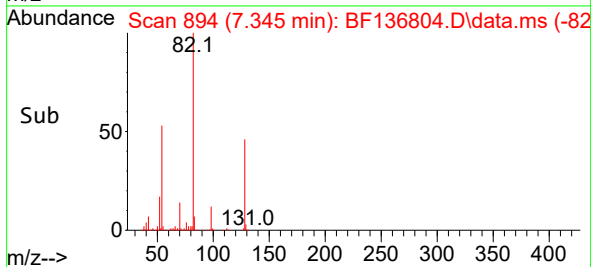
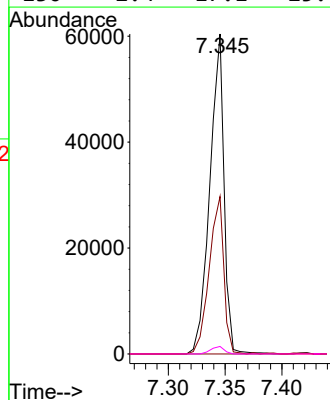
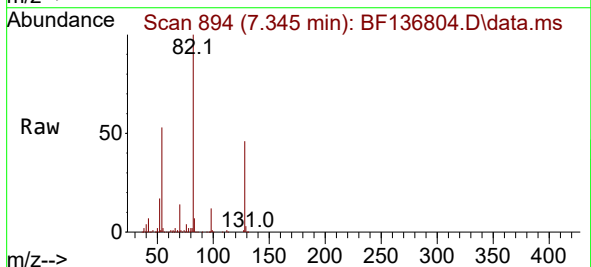
Instrument :
BNA_F
ClientSampleId :
MW-1-121923

Tgt Ion: 99 Resp: 140632
Ion Ratio Lower Upper
99 100
42 18.3 16.1 24.1
71 31.7 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.652 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.136 min
Lab File: BF136804.D
Acq: 28 Dec 2023 20:51

Tgt Ion: 70 Resp: 52447
Ion Ratio Lower Upper
70 100
42 49.2 54.2 81.4#
101 0.0 7.6 11.4#
130 2.4 17.1 25.7#



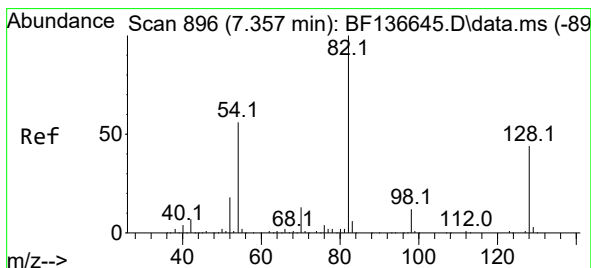
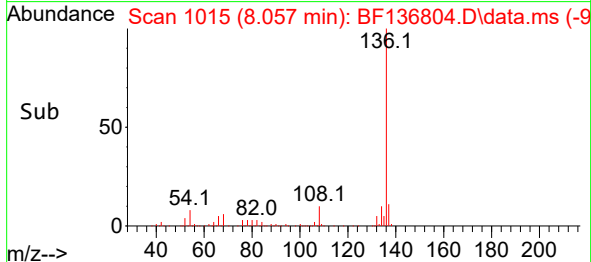
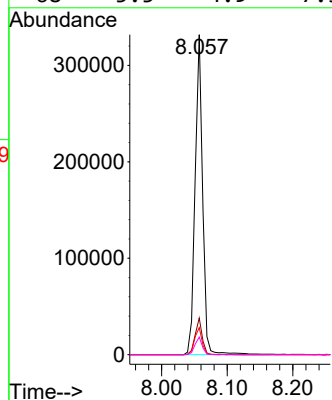
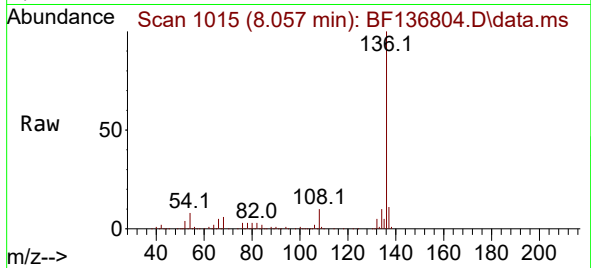


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136804.D
Acq: 28 Dec 2023 20:51

Instrument :
BNA_F
ClientSampleId :
MW-1-121923

Tgt Ion:136 Resp: 265471

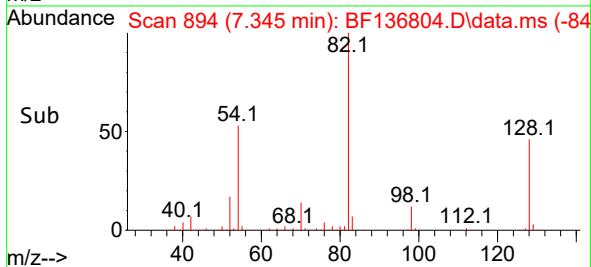
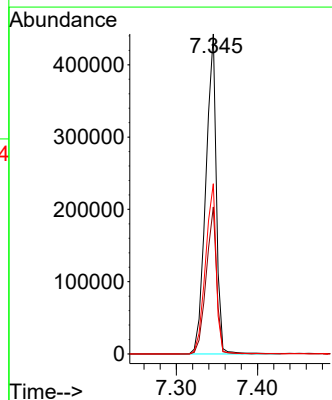
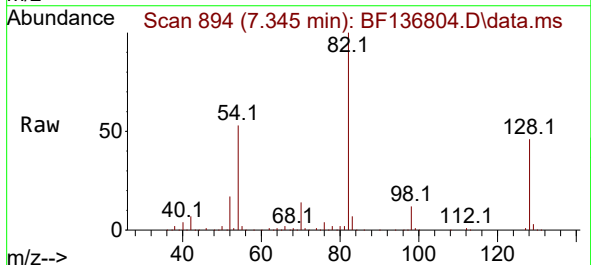
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	8.4	7.2	10.8
68	5.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 76.962 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136804.D
Acq: 28 Dec 2023 20:51

Tgt Ion: 82 Resp: 399273

Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.3	52.9
54	53.2	44.5	66.7

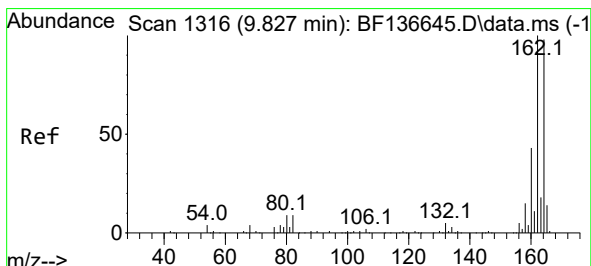
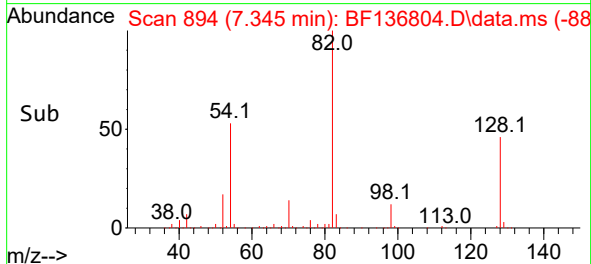
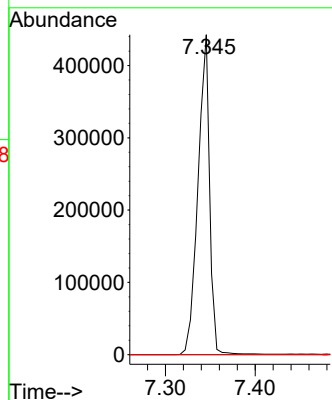
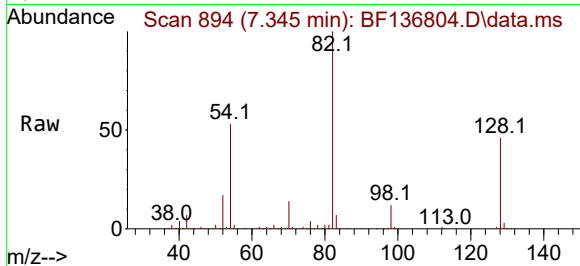




#25
Isophorone
Concen: 42.107 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF136804.D
Acq: 28 Dec 2023 20:51

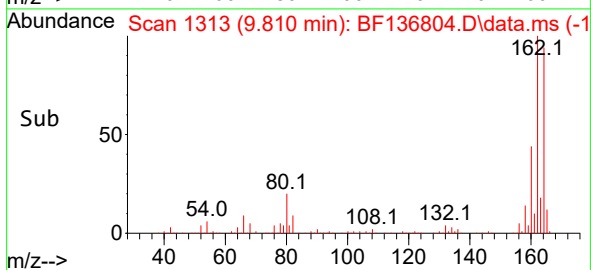
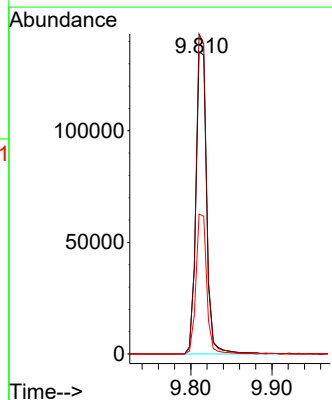
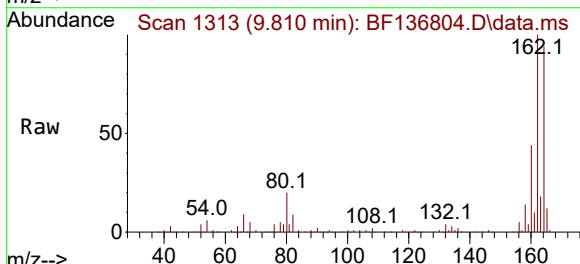
Instrument :
BNA_F
ClientSampleId :
MW-1-121923

Tgt Ion: 82 Resp: 397489
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.017 min
Lab File: BF136804.D
Acq: 28 Dec 2023 20:51

Tgt Ion: 164 Resp: 126023
Ion Ratio Lower Upper
164 100
162 106.0 81.6 122.4
160 46.3 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 98.172 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136804.D

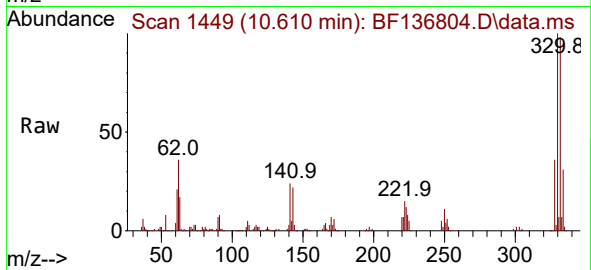
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Instrument :

BNA_F

ClientSampleId :

MW-1-121923



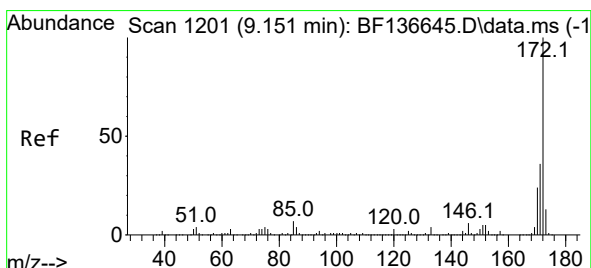
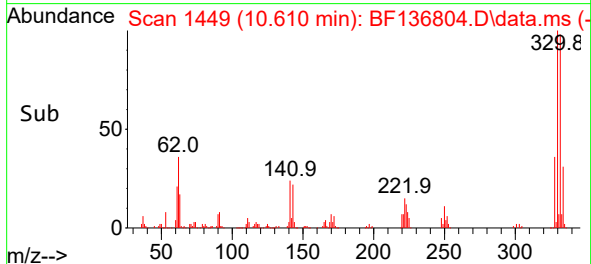
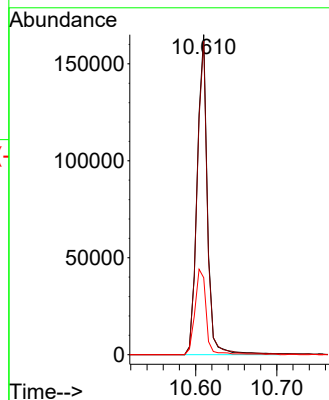
Tgt Ion:330 Resp: 145707

Ion Ratio Lower Upper

330 100

332 98.6 77.4 116.0

141 29.3 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 83.433 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.017 min

Lab File: BF136804.D

Acq: 28 Dec 2023 20:51

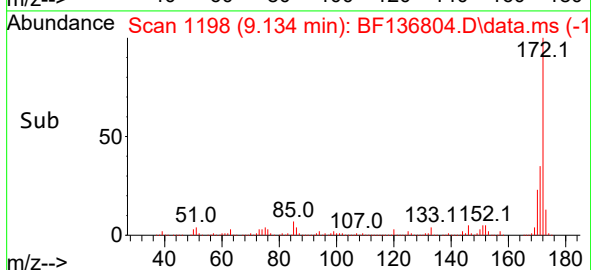
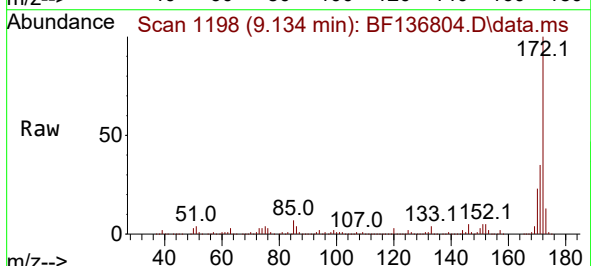
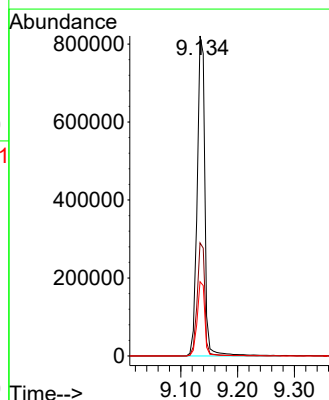
Tgt Ion:172 Resp: 781752

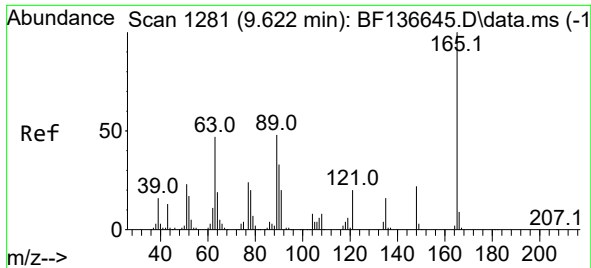
Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.6

170 23.2 19.0 28.4

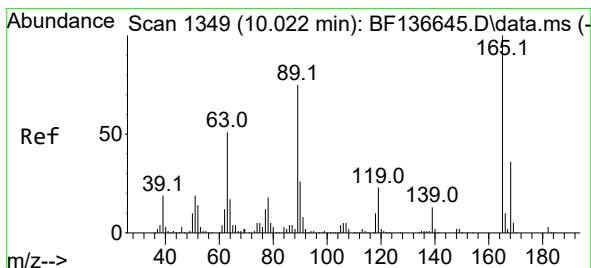
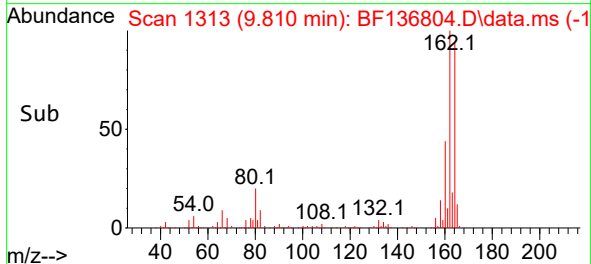
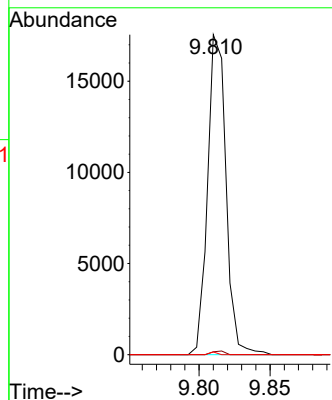
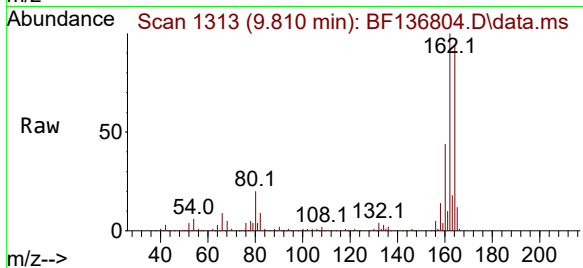




#51
2,6-Dinitrotoluene
Concen: 7.613 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF136804.D
Acq: 28 Dec 2023 20:51

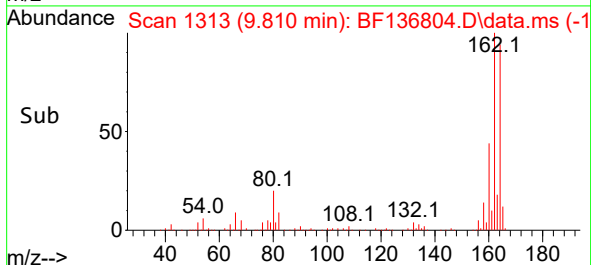
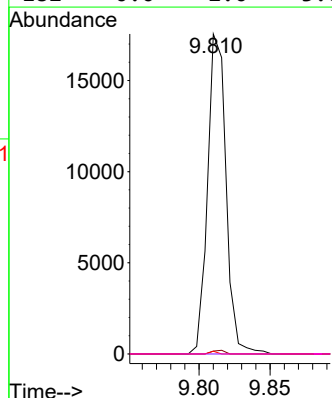
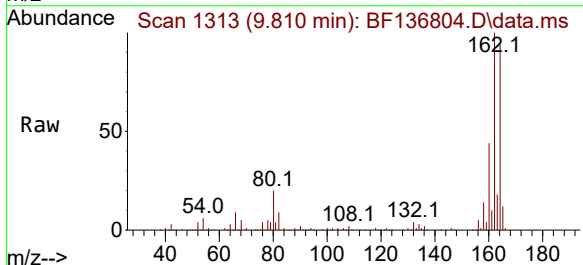
Instrument :
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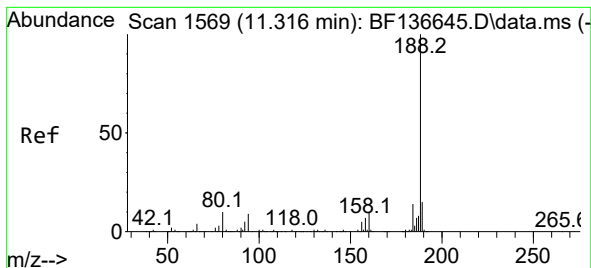
Tgt Ion:165 Resp: 15905
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 0.9 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 5.865 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.212 min
Lab File: BF136804.D
Acq: 28 Dec 2023 20:51

Tgt Ion:165 Resp: 15905
Ion Ratio Lower Upper
165 100
63 0.9 41.0 61.6#
89 0.9 59.9 89.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136804.D

Acq: 28 Dec 2023 20:51

Instrument :

BNA_F

ClientSampleId :

MW-1-121923

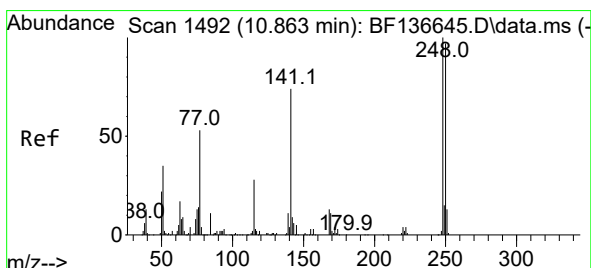
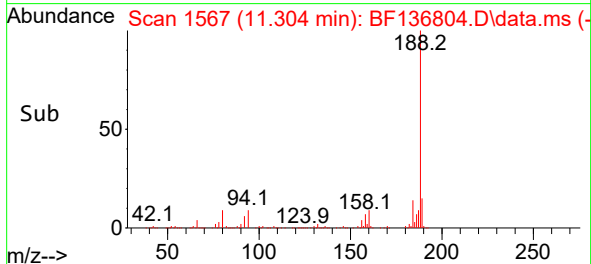
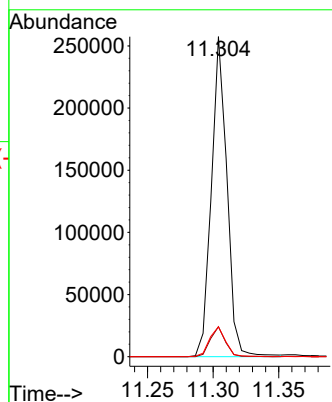
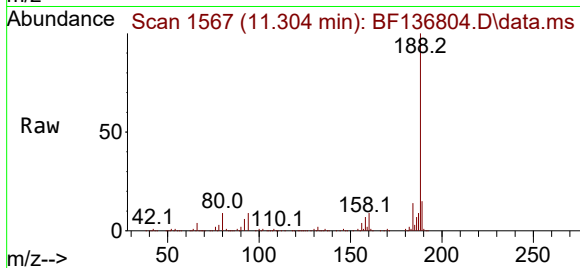
Tgt Ion:188 Resp: 212840

Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

80 9.4 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 3.809 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.259 min

Lab File: BF136804.D

Acq: 28 Dec 2023 20:51

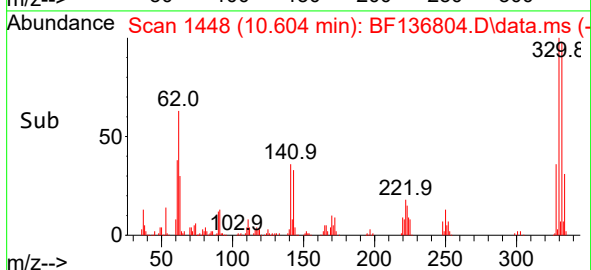
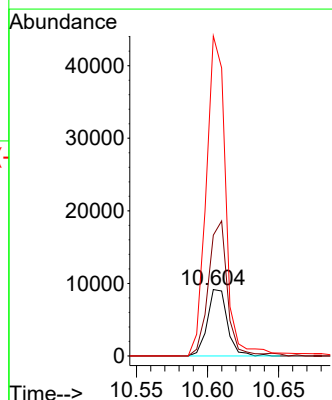
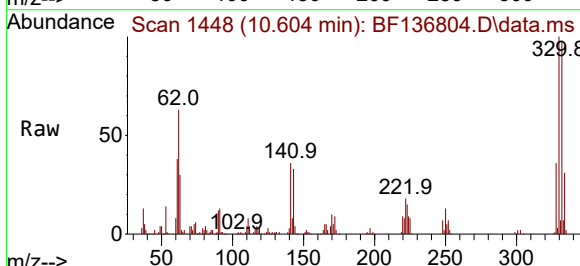
Tgt Ion:248 Resp: 9004

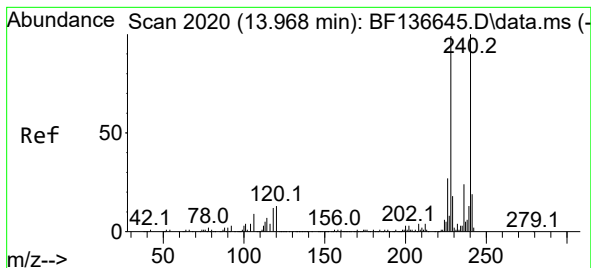
Ion Ratio Lower Upper

248 100

250 182.1 77.8 116.6#

141 482.3 59.2 88.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136804.D

Acq: 28 Dec 2023 20:51

Instrument :

BNA_F

ClientSampleId :

MW-1-121923

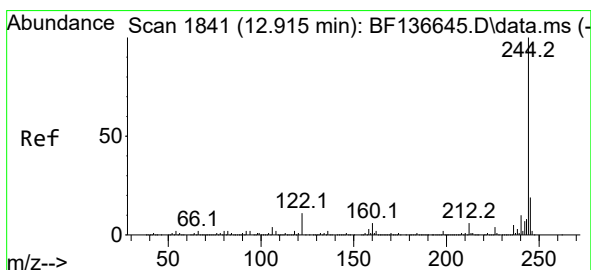
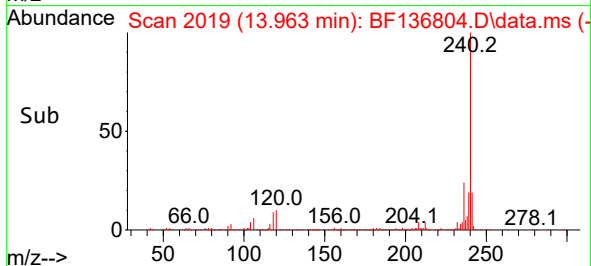
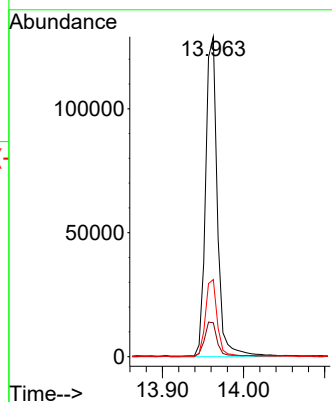
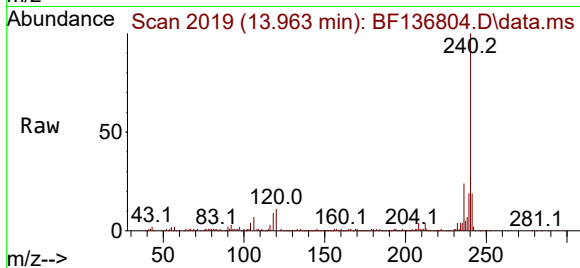
Tgt Ion:240 Resp: 130618

Ion Ratio Lower Upper

240 100

120 10.6 10.3 15.5

236 24.1 19.4 29.2



#79

Terphenyl-d14

Concen: 63.658 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136804.D

Acq: 28 Dec 2023 20:51

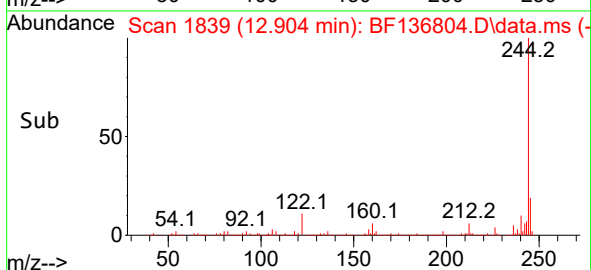
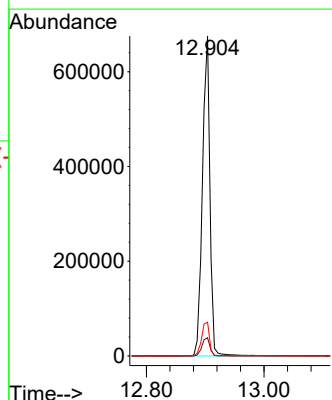
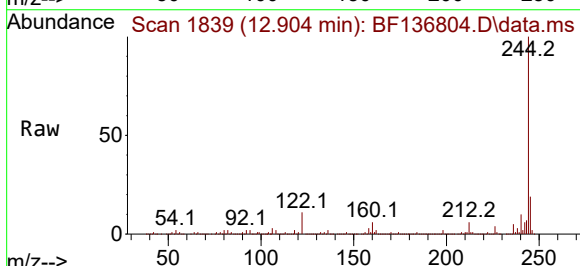
Tgt Ion:244 Resp: 595000

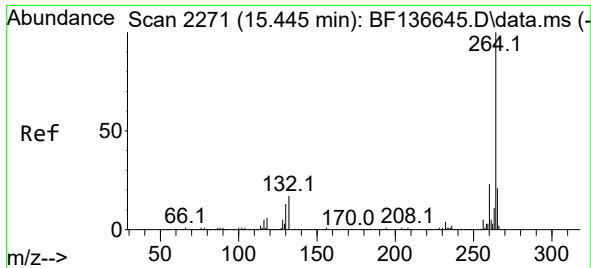
Ion Ratio Lower Upper

244 100

212 5.7 5.0 7.4

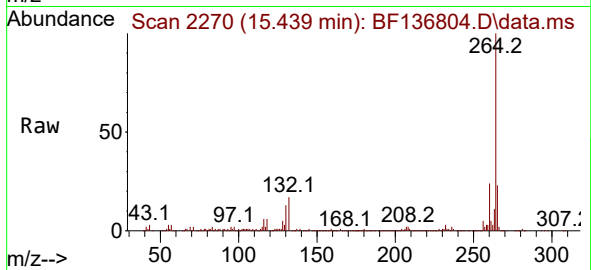
122 10.6 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF136804.D
 Acq: 28 Dec 2023 20:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-121923



Tgt Ion:264 Resp: 142720
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.3 27.5
 265 22.6 17.0 25.6

