

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136802.D
 Acq On : 28 Dec 2023 19:49
 Operator : CG\JU
 Sample : 05932-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-MW-07-121923

Quant Time: Dec 28 23:30:49 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)

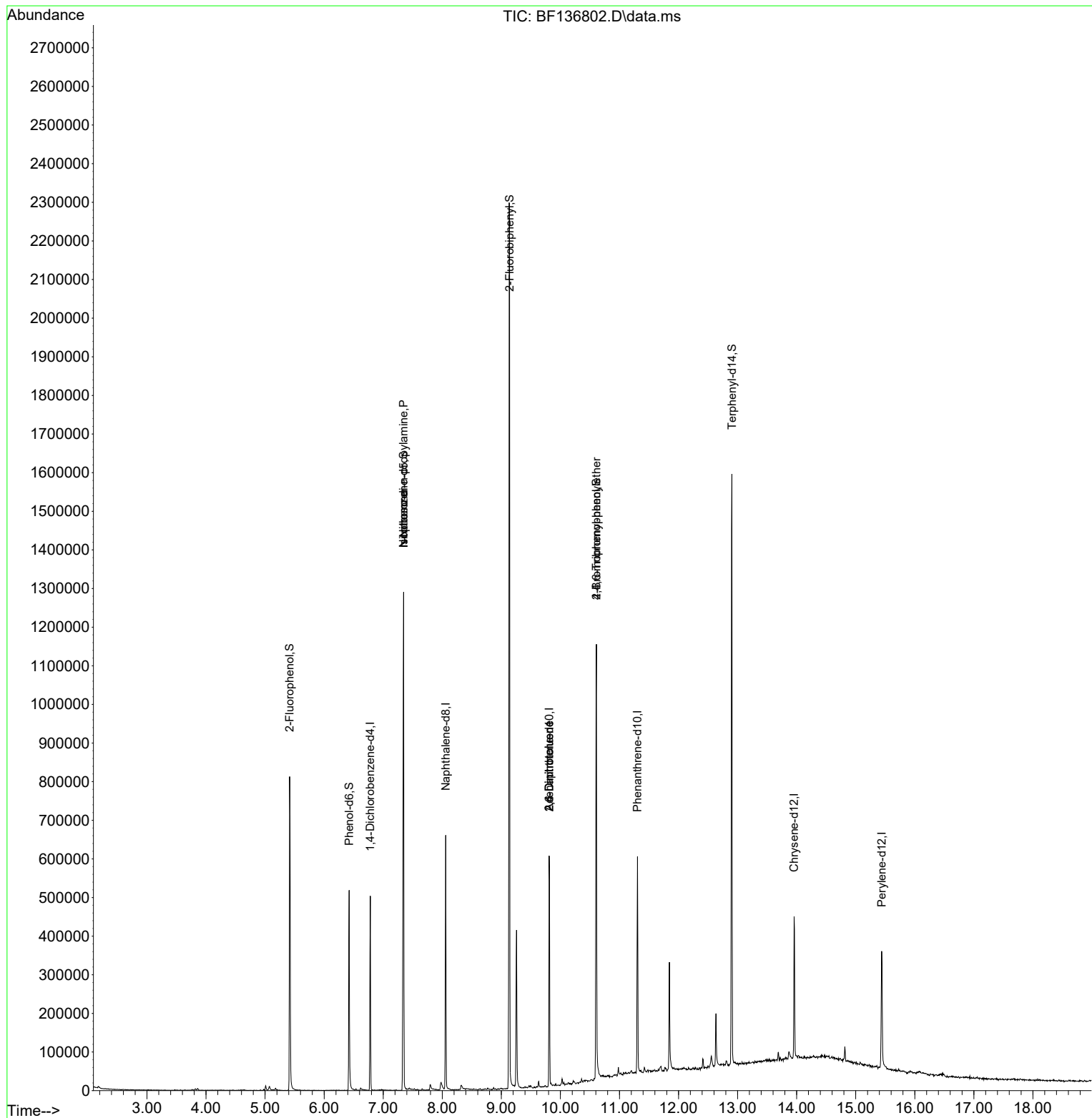
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	70401	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	258609	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	119160	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	191490	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	131513	20.000	ng	-0.01
86) Perylene-d12	15.439	264	145822	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	227206	50.355	ng	-0.01
7) Phenol-d6	6.422	99	166077	28.406	ng	-0.02
23) Nitrobenzene-d5	7.345	82	417739	82.658	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	158348	112.834	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	791185	89.303	ng	-0.01
79) Terphenyl-d14	12.904	244	564770	60.013	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	54325	15.328	ng	# 73
25) Isophorone	7.345	82	414830	45.110	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	15974	8.087	ng	# 31
57) 2,4-Dinitrotoluene	9.810	165	15974	6.229	ng	# 22
67) 4-Bromophenyl-phenylether	10.610	248	9305	4.375	ng	# 1

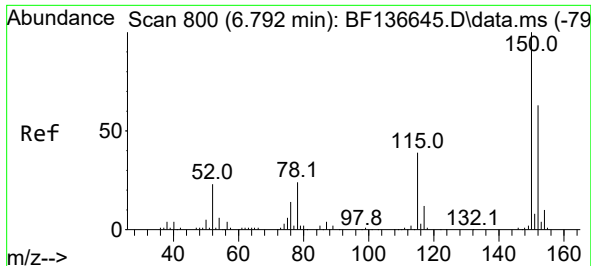
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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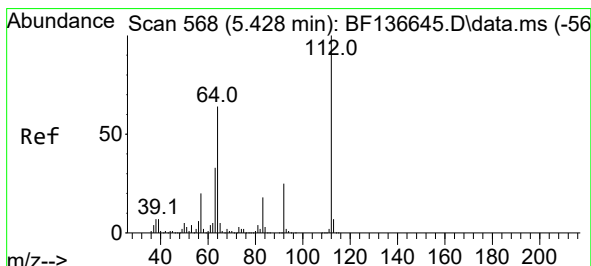
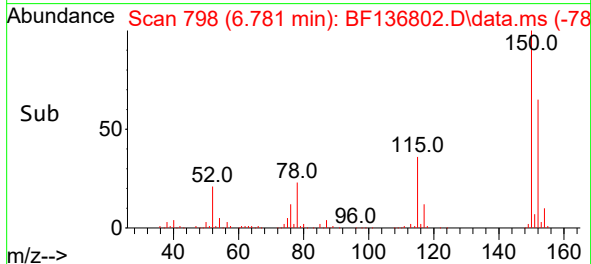
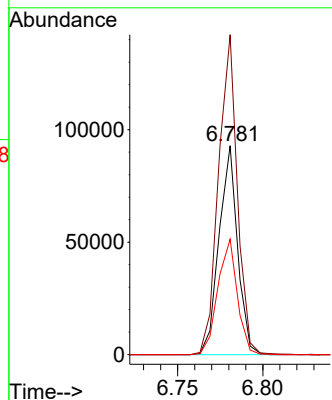
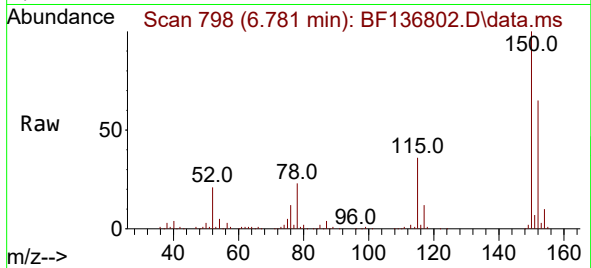




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF136802.D
Acq: 28 Dec 2023 19:49

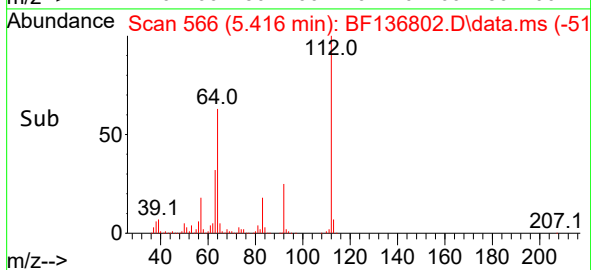
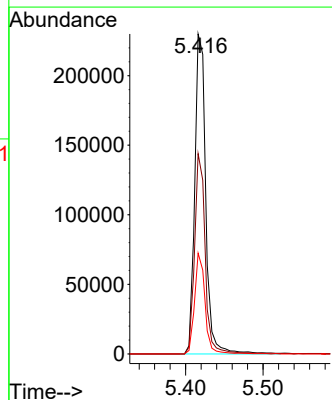
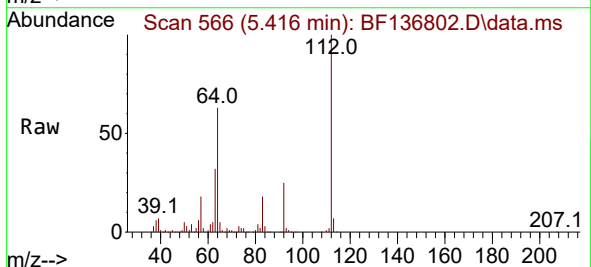
Instrument :
BNA_F
ClientSampleId :
RT-MW-07-121923

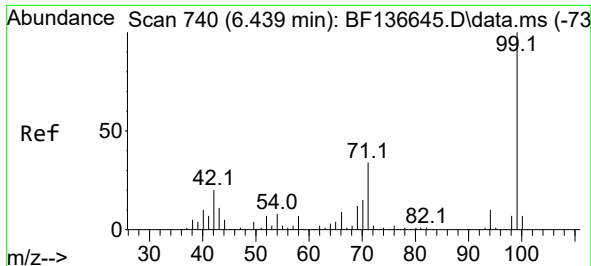
Tgt Ion:152 Resp: 70401
Ion Ratio Lower Upper
152 100
150 153.1 127.0 190.6
115 55.3 49.0 73.4



#5
2-Fluorophenol
Concen: 50.355 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF136802.D
Acq: 28 Dec 2023 19:49

Tgt Ion:112 Resp: 227206
Ion Ratio Lower Upper
112 100
64 62.6 51.1 76.7
63 31.5 26.1 39.1

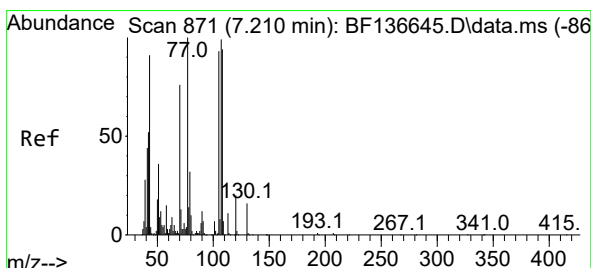
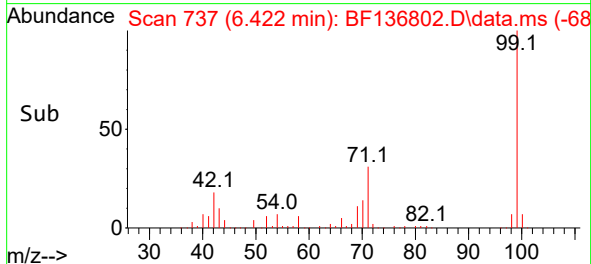
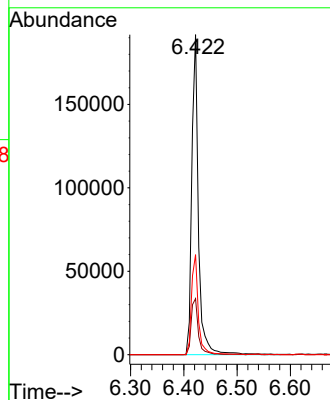
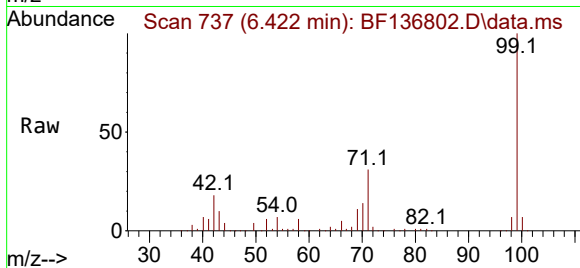




#7
Phenol-d6
Concen: 28.406 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF136802.D
Acq: 28 Dec 2023 19:49

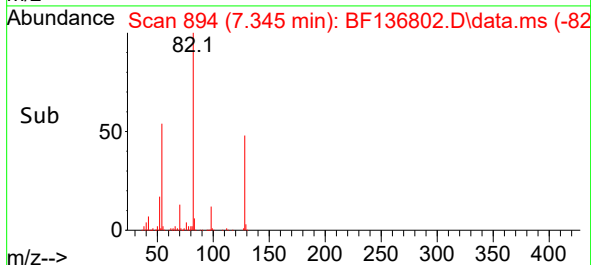
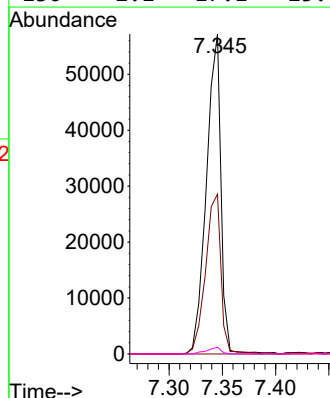
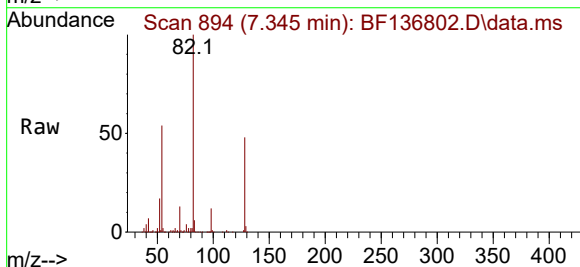
Instrument :
BNA_F
ClientSampleId :
RT-MW-07-121923

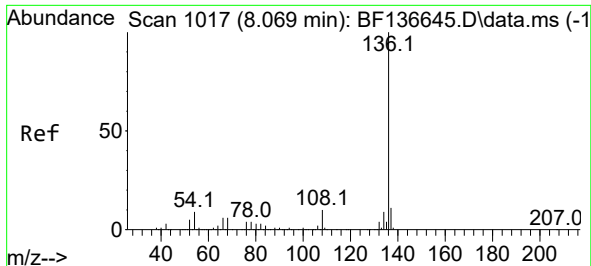
Tgt Ion: 99 Resp: 166077
Ion Ratio Lower Upper
99 100
42 17.5 16.1 24.1
71 31.3 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.328 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136802.D
Acq: 28 Dec 2023 19:49

Tgt Ion: 70 Resp: 54325
Ion Ratio Lower Upper
70 100
42 49.9 54.2 81.4#
101 0.0 7.6 11.4#
130 2.1 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: BF136802.D

Acq: 28 Dec 2023 19:49

Instrument :

BNA_F

ClientSampleId :

RT-MW-07-121923

Tgt Ion:136 Resp: 258609

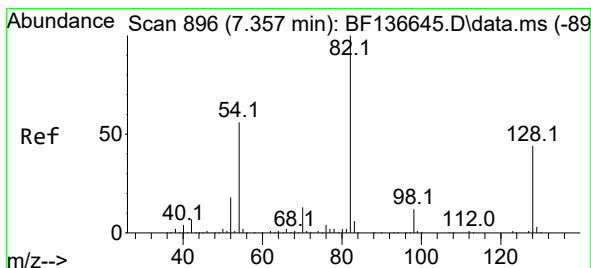
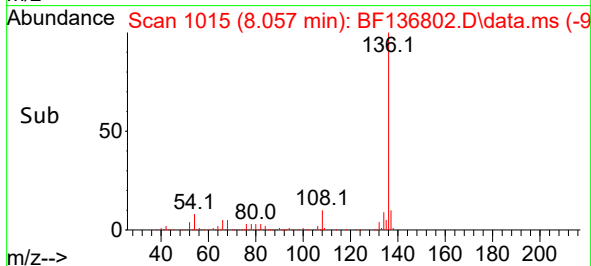
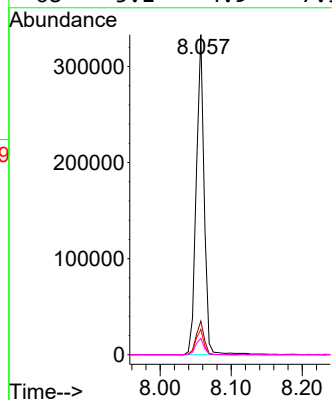
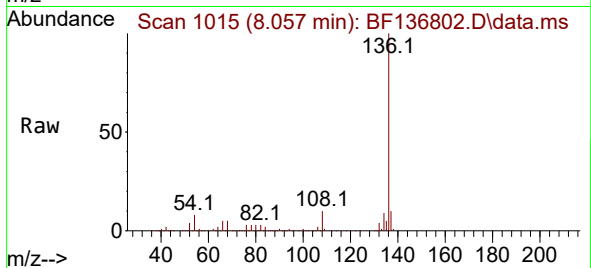
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 7.9 7.2 10.8

68 5.1 4.9 7.3



#23

Nitrobenzene-d5

Concen: 82.658 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136802.D

Acq: 28 Dec 2023 19:49

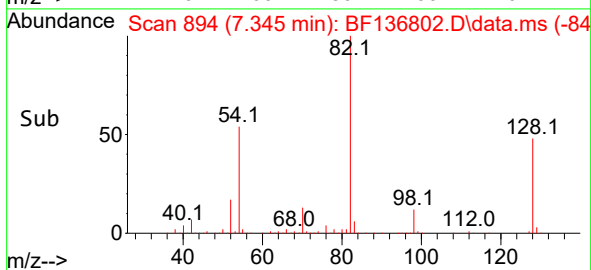
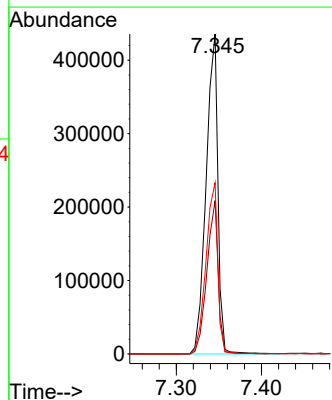
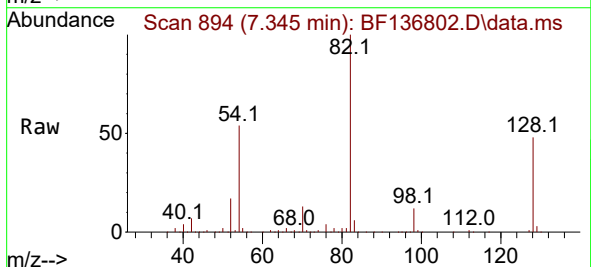
Tgt Ion: 82 Resp: 417739

Ion Ratio Lower Upper

82 100

128 48.0 35.3 52.9

54 53.5 44.5 66.7

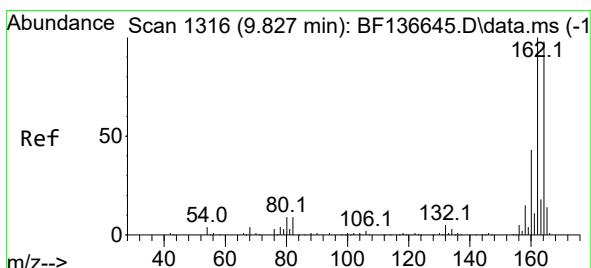
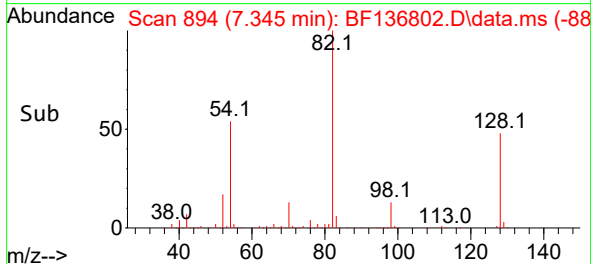
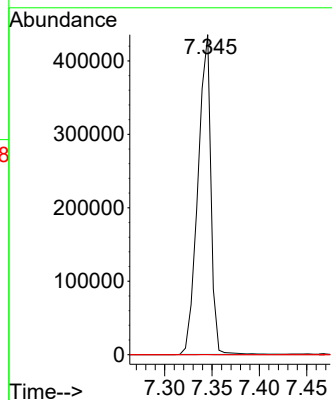
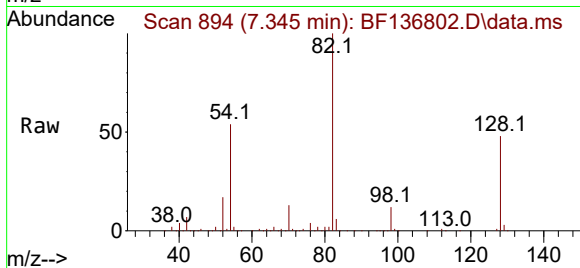




#25
Isophorone
Concen: 45.110 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136802.D
Acq: 28 Dec 2023 19:49

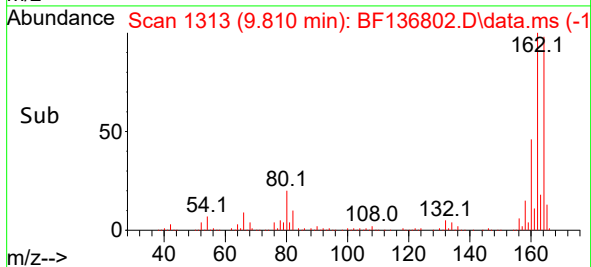
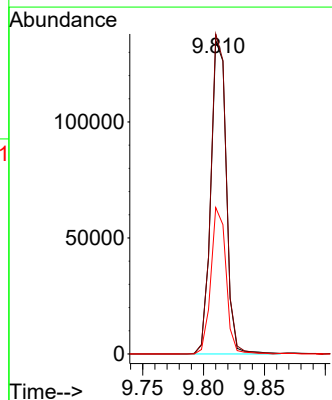
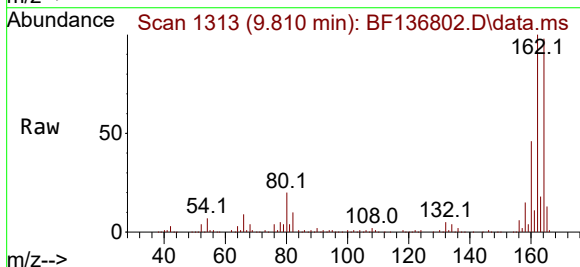
Instrument :
BNA_F
ClientSampleId :
RT-MW-07-121923

Tgt Ion: 82 Resp: 414830
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: BF136802.D
Acq: 28 Dec 2023 19:49

Tgt Ion:164 Resp: 119160
Ion Ratio Lower Upper
164 100
162 102.0 81.6 122.4
160 46.7 34.9 52.3

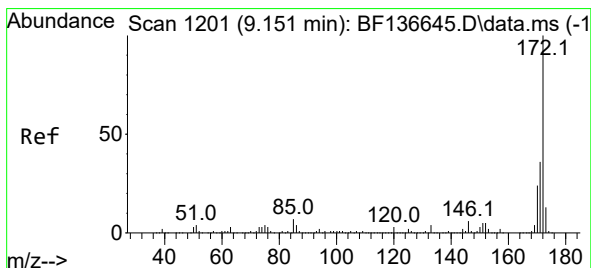
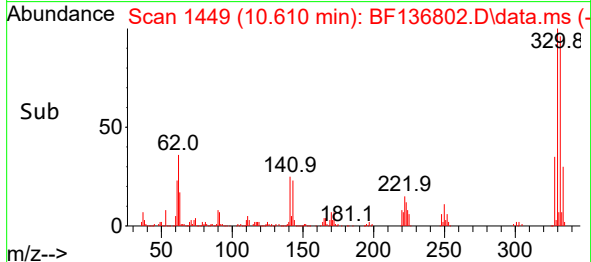
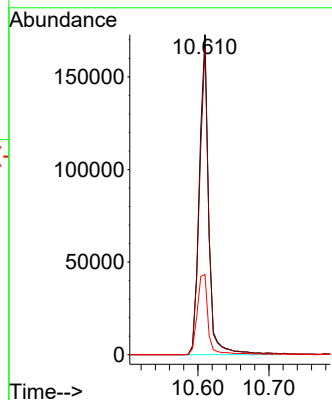
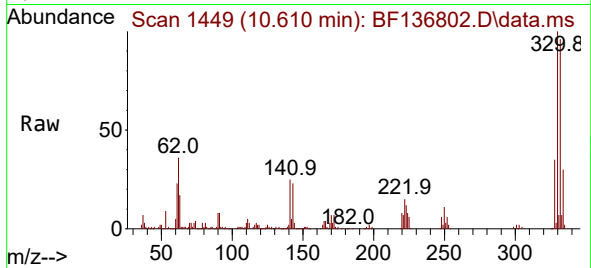




#42
2,4,6-Tribromophenol
Concen: 112.834 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136802.D
Acq: 28 Dec 2023 19:49

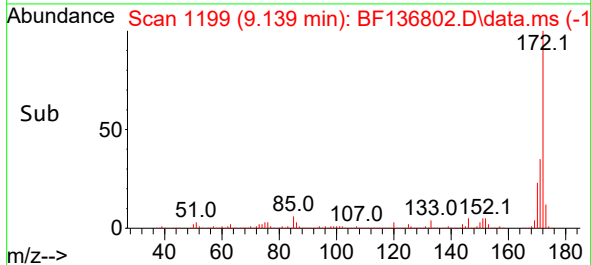
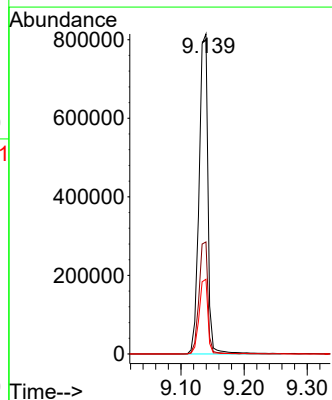
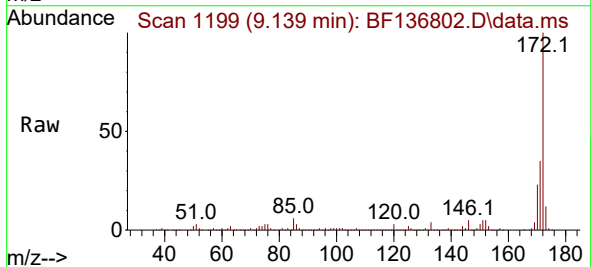
Instrument :
BNA_F
ClientSampleId :
RT-MW-07-121923

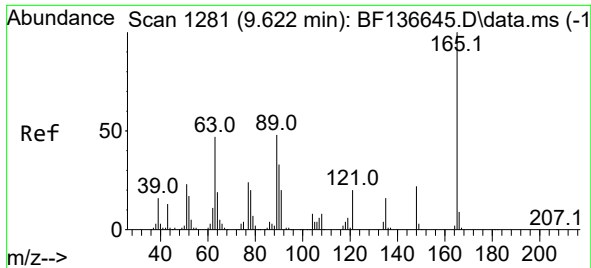
Tgt Ion:330 Resp: 158348
Ion Ratio Lower Upper
330 100
332 95.1 77.4 116.0
141 29.5 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 89.303 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136802.D
Acq: 28 Dec 2023 19:49

Tgt Ion:172 Resp: 791185
Ion Ratio Lower Upper
172 100
171 35.0 29.0 43.6
170 23.4 19.0 28.4

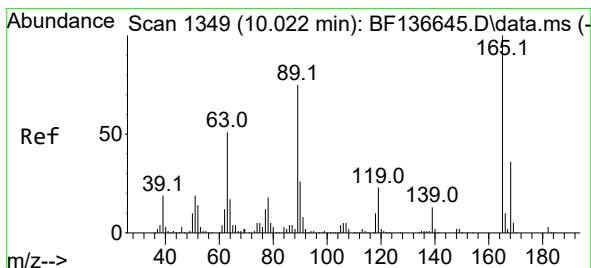
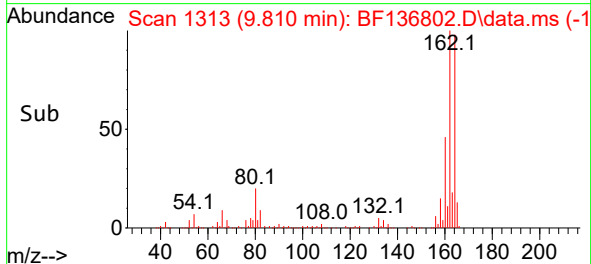
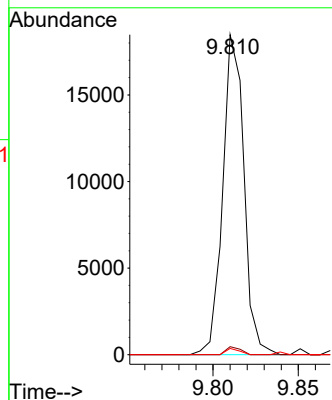
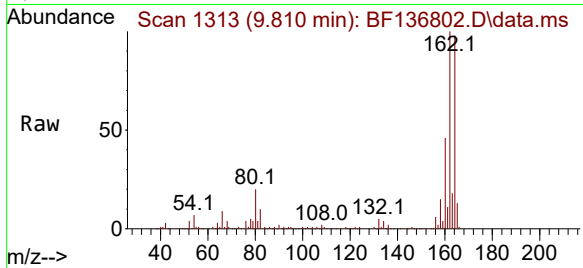




#51
2,6-Dinitrotoluene
Concen: 8.087 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF136802.D
Acq: 28 Dec 2023 19:49

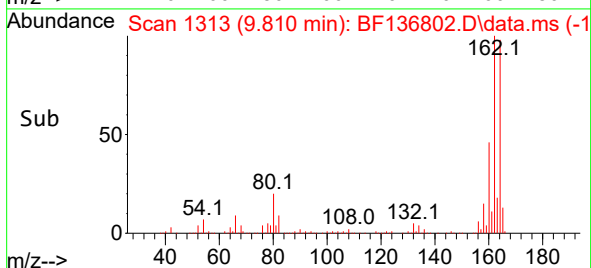
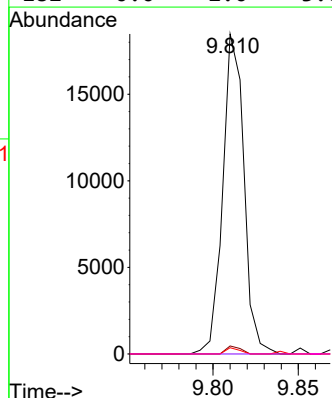
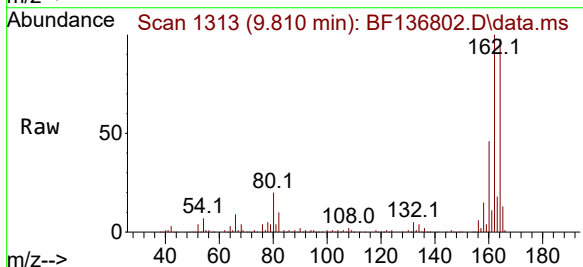
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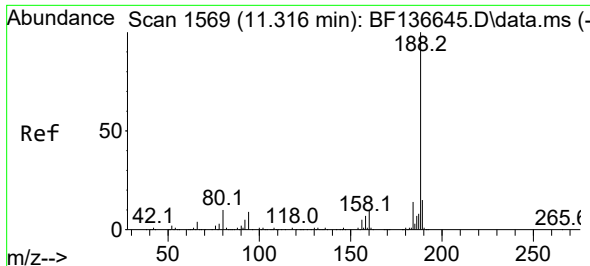
Tgt Ion:165 Resp: 15974
Ion Ratio Lower Upper
165 100
63 2.5 39.8 59.6#
89 1.9 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 6.229 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.212 min
Lab File: BF136802.D
Acq: 28 Dec 2023 19:49

Tgt Ion:165 Resp: 15974
Ion Ratio Lower Upper
165 100
63 2.5 41.0 61.6#
89 1.9 59.9 89.9#
182 0.0 2.0 3.0#

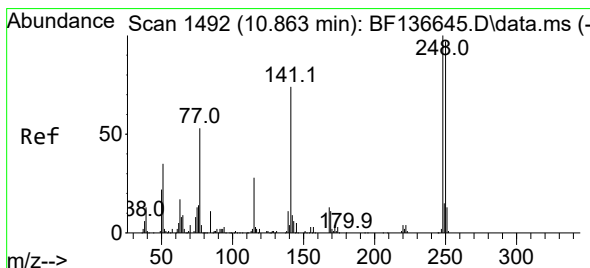
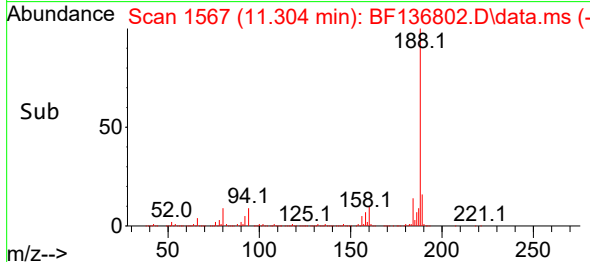
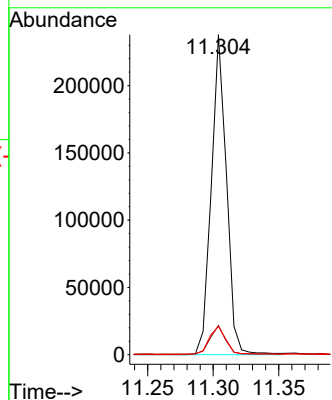
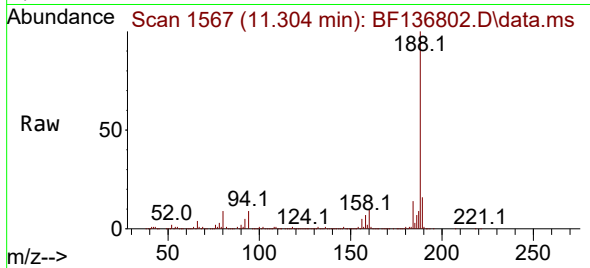




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136802.D
Acq: 28 Dec 2023 19:49

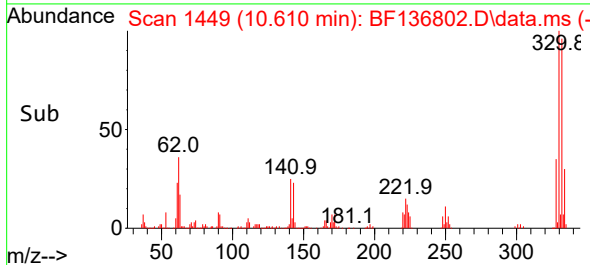
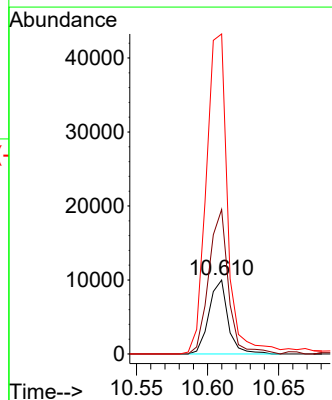
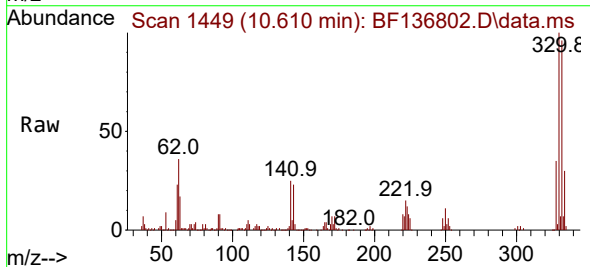
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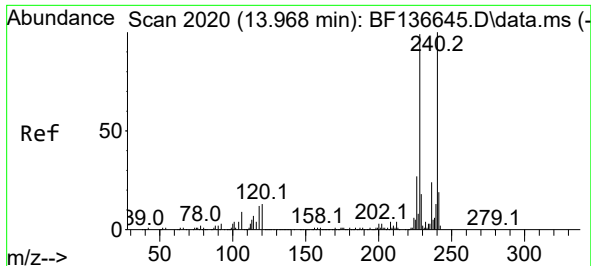
Tgt Ion:188 Resp: 191490
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 8.8 8.1 12.1



#67
4-Bromophenyl-phenylether
Concen: 4.375 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.253 min
Lab File: BF136802.D
Acq: 28 Dec 2023 19:49

Tgt Ion:248 Resp: 9305
Ion Ratio Lower Upper
248 100
250 195.6 77.8 116.6#
141 433.2 59.2 88.8#

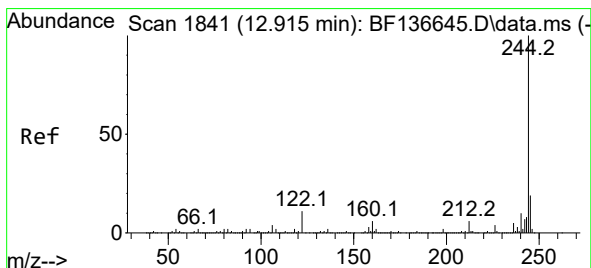
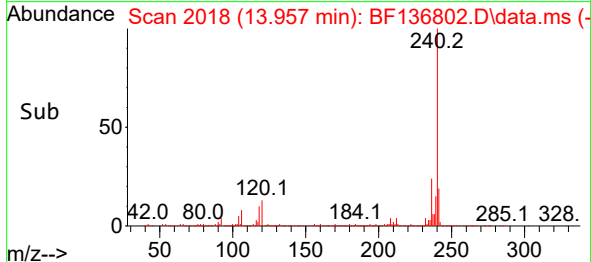
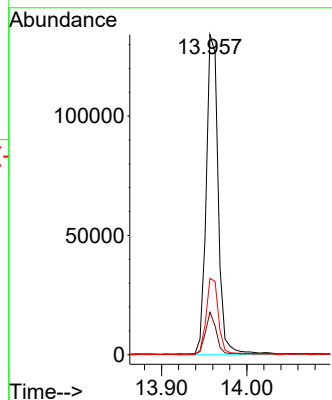
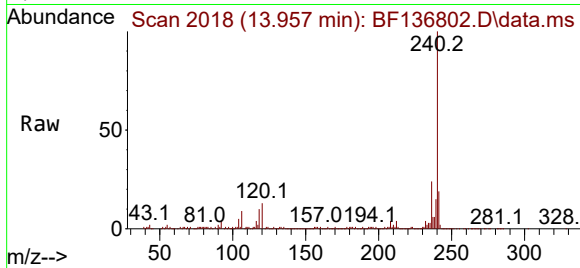




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF136802.D
Acq: 28 Dec 2023 19:49

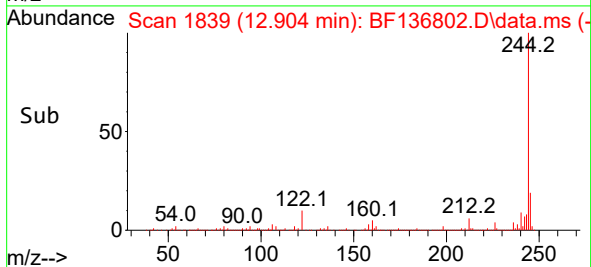
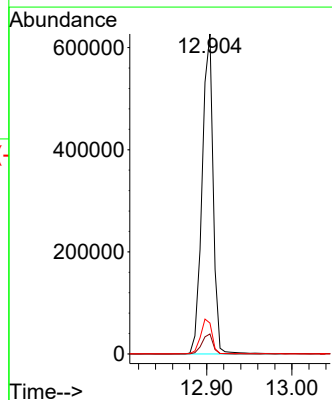
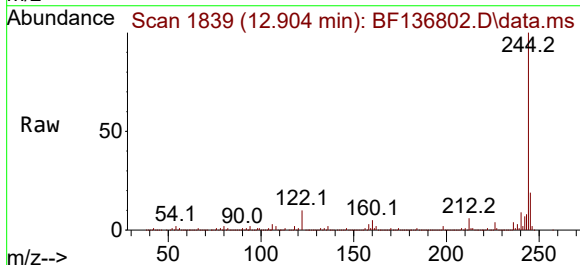
Instrument :
BNA_F
ClientSampleId :
RT-MW-07-121923

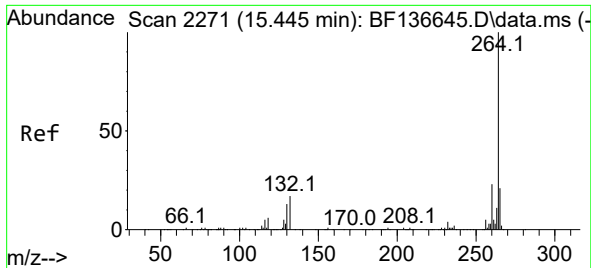
Tgt Ion:240 Resp: 131513
Ion Ratio Lower Upper
240 100
120 13.3 10.3 15.5
236 23.8 19.4 29.2



#79
Terphenyl-d14
Concen: 60.013 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136802.D
Acq: 28 Dec 2023 19:49

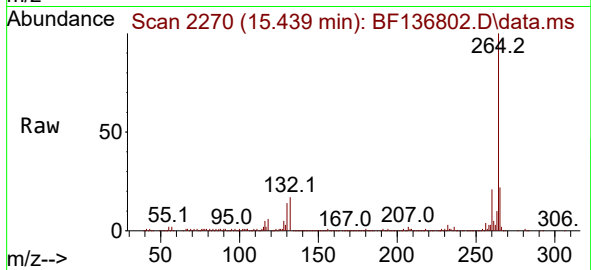
Tgt Ion:244 Resp: 564770
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 9.6 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF136802.D
 Acq: 28 Dec 2023 19:49

Instrument :
 BNA_F
 ClientSampleId :
 RT-MW-07-121923



Tgt Ion:264 Resp: 145822
 Ion Ratio Lower Upper
 264 100
 260 21.3 18.3 27.5
 265 21.9 17.0 25.6

