

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
 Data File : BF134900.D
 Acq On : 23 Aug 2023 12:56
 Operator : CG\JU
 Sample : 04086-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-18RE

Quant Time: Aug 24 04:24:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

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

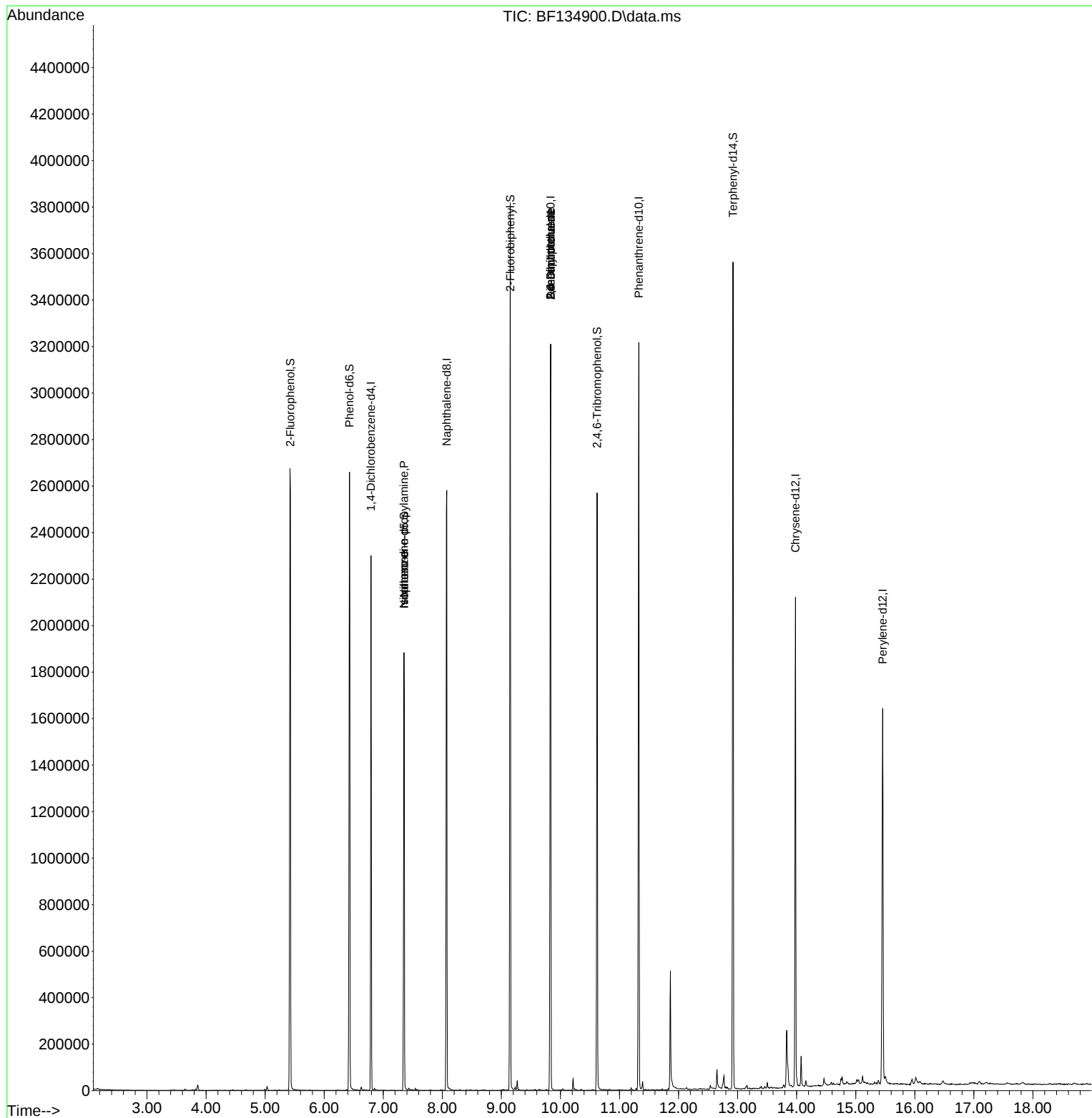
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	304945	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	1227863	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	655454	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	1209287	20.000	ng	0.00
76) Chrysene-d12	13.980	240	709092	20.000	ng	0.00
86) Perylene-d12	15.456	264	773093	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	793802	41.510	ng	0.00
7) Phenol-d6	6.428	99	981994	40.187	ng	-0.01
23) Nitrobenzene-d5	7.351	82	620336	27.839	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	316231	40.965	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1162006	27.406	ng	0.00
79) Terphenyl-d14	12.921	244	1236706	23.988	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	83850	5.875	ng	# 77
25) Isophorone	7.351	82	610435	14.671	ng	# 64
50) Dimethylphthalate	9.833	163	136873	2.934	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	84481	8.210	ng	# 28
57) 2,4-Dinitrotoluene	9.833	165	84481	6.638	ng	# 25

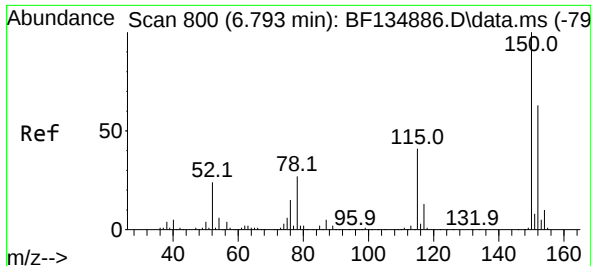
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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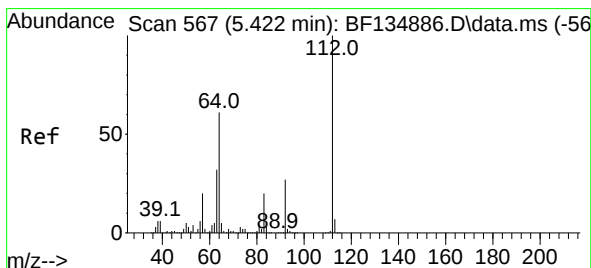
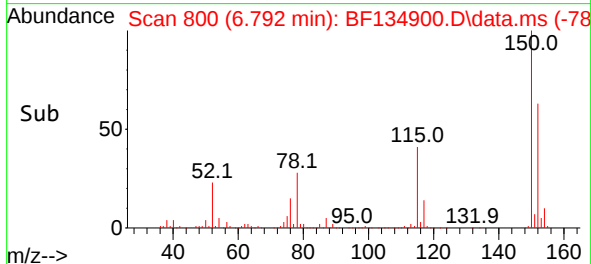
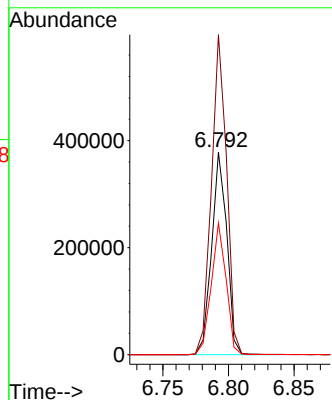
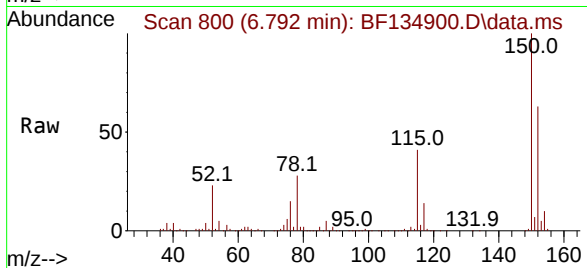




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.001 min
Lab File: BF134900.D
Acq: 23 Aug 2023 12:56

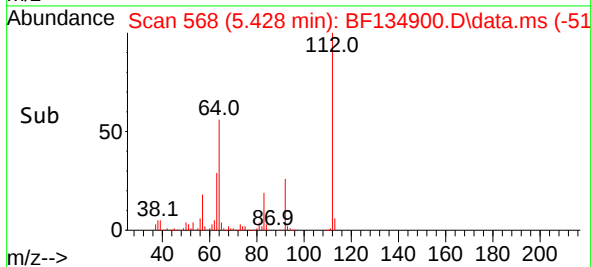
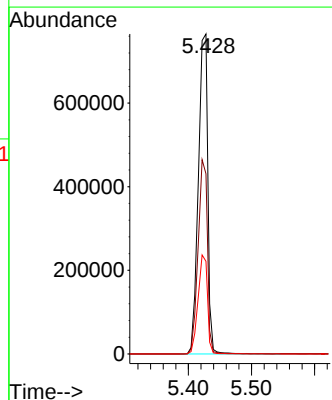
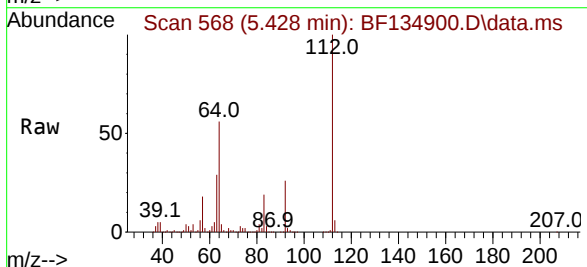
Instrument :
BNA_F
ClientSampleId :
WC-18RE

Tgt Ion:152 Resp: 304945
Ion Ratio Lower Upper
152 100
150 158.0 126.1 189.1
115 65.0 51.1 76.7



#5
2-Fluorophenol
Concen: 41.510 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF134900.D
Acq: 23 Aug 2023 12:56

Tgt Ion:112 Resp: 793802
Ion Ratio Lower Upper
112 100
64 56.3 48.6 73.0
63 29.0 25.7 38.5

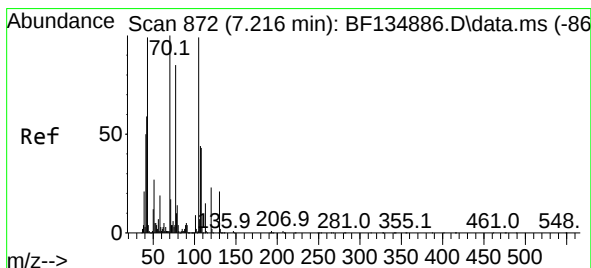
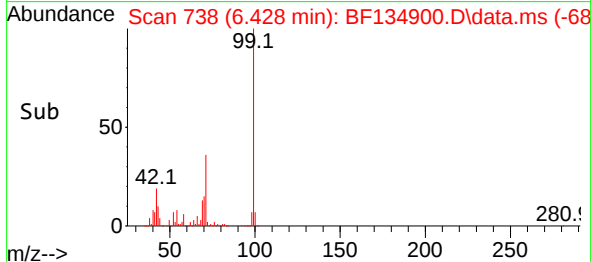
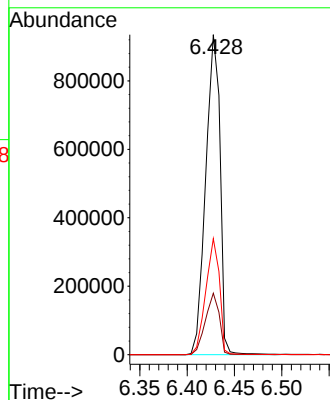
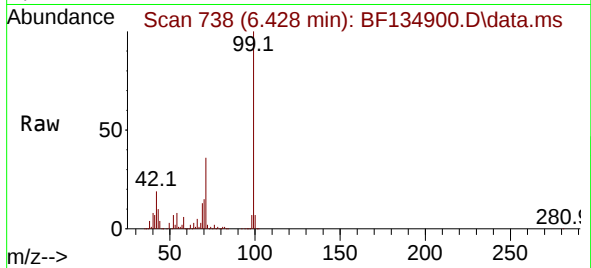




#7
Phenol-d6
Concen: 40.187 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134900.D
Acq: 23 Aug 2023 12:56

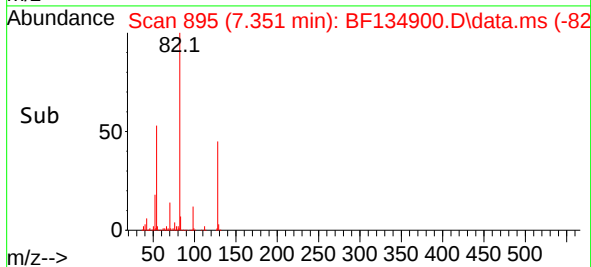
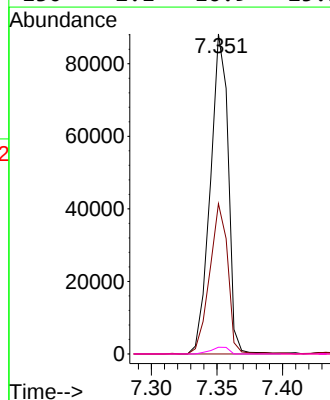
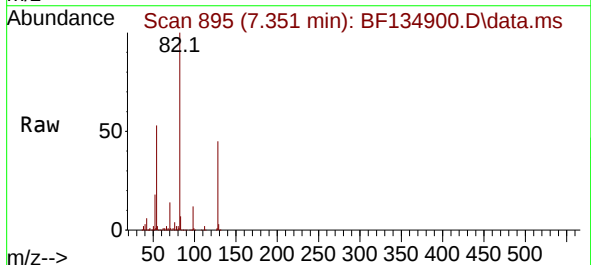
Instrument :
BNA_F
ClientSampleId :
WC-18RE

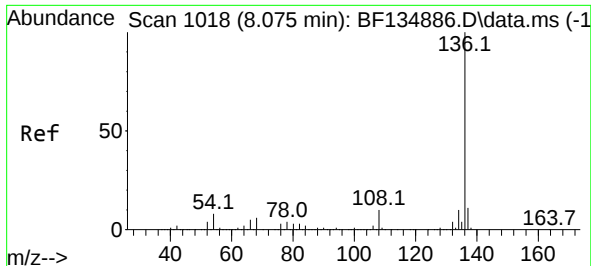
Tgt Ion: 99 Resp: 981994
Ion Ratio Lower Upper
99 100
42 19.2 14.6 22.0
71 36.3 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 5.875 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134900.D
Acq: 23 Aug 2023 12:56

Tgt Ion: 70 Resp: 83850
Ion Ratio Lower Upper
70 100
42 46.9 46.9 70.3
101 0.0 7.5 11.3#
130 2.1 16.9 25.3#



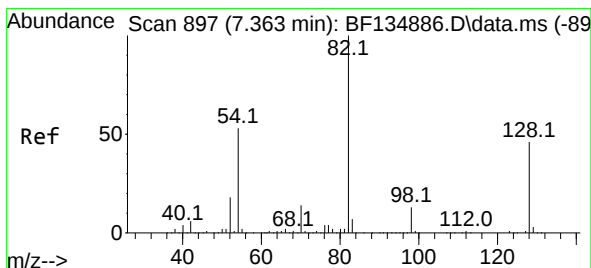
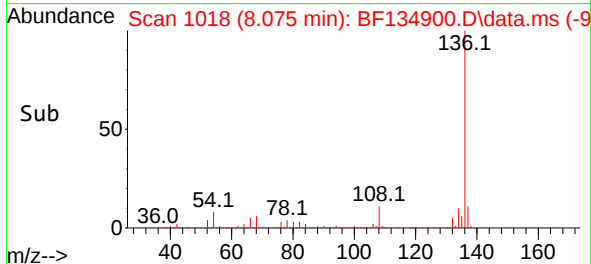
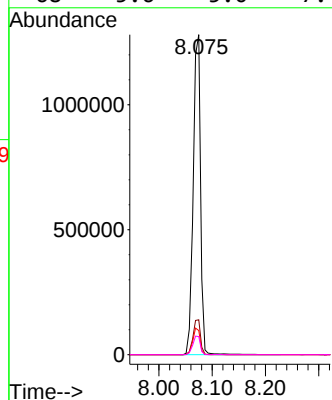
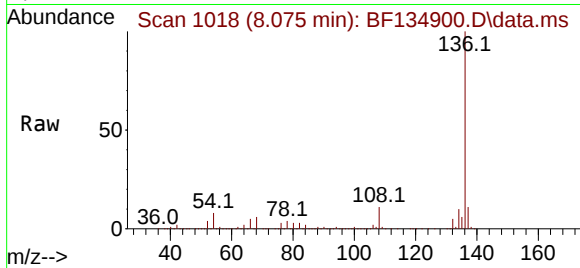


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF134900.D
Acq: 23 Aug 2023 12:56

Instrument :
BNA_F
ClientSampleId :
WC-18RE

Tgt Ion:136 Resp: 1227863

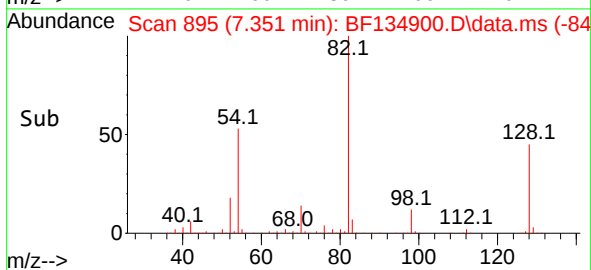
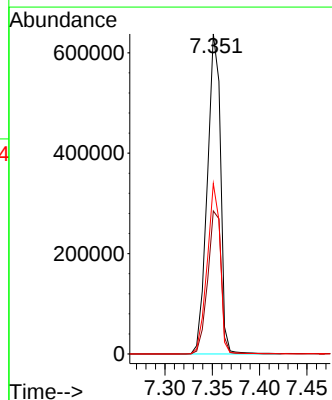
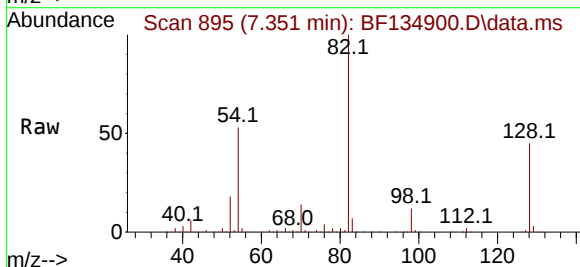
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	6.6	9.8
68	5.6	5.0	7.4

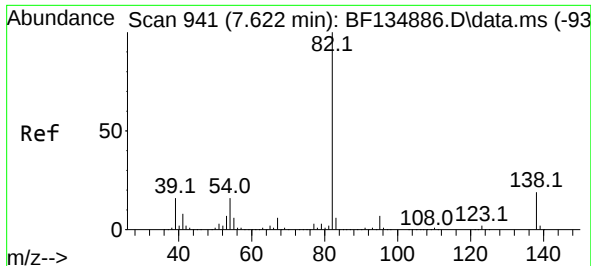


#23
Nitrobenzene-d5
Concen: 27.839 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF134900.D
Acq: 23 Aug 2023 12:56

Tgt Ion: 82 Resp: 620336

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.6	54.8
54	53.3	42.6	63.8

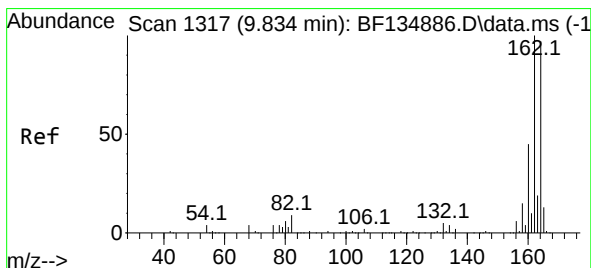
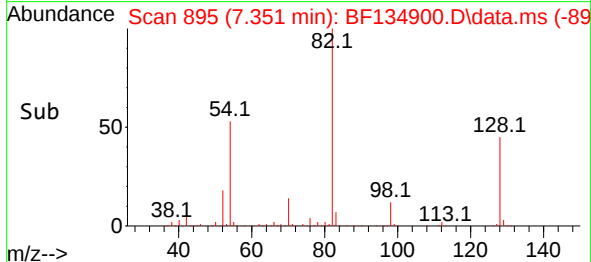
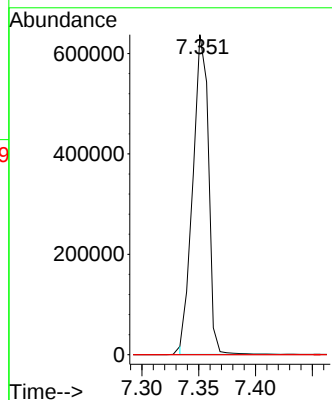
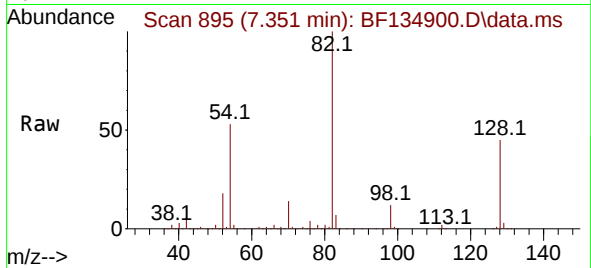




#25
Isophorone
Concen: 14.671 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF134900.D
Acq: 23 Aug 2023 12:56

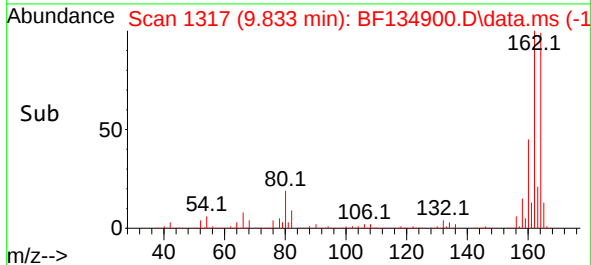
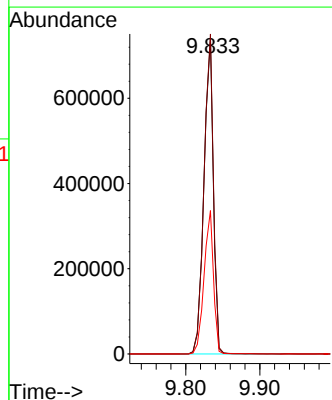
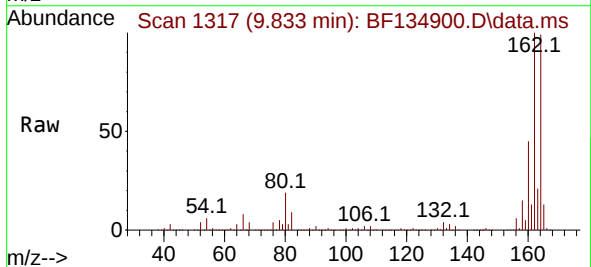
Instrument :
BNA_F
ClientSampleId :
WC-18RE

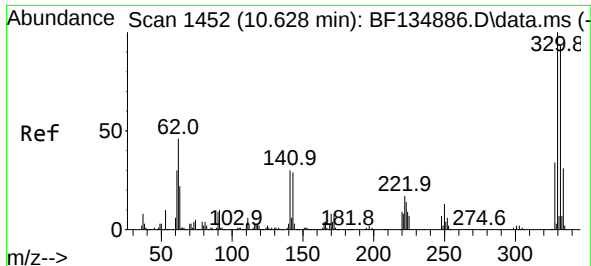
Tgt Ion: 82 Resp: 610435
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF134900.D
Acq: 23 Aug 2023 12:56

Tgt Ion:164 Resp: 655454
Ion Ratio Lower Upper
164 100
162 101.4 82.6 123.8
160 45.4 37.0 55.4

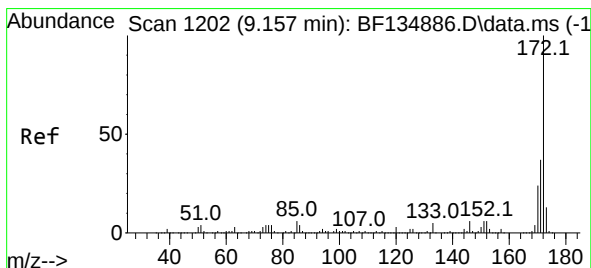
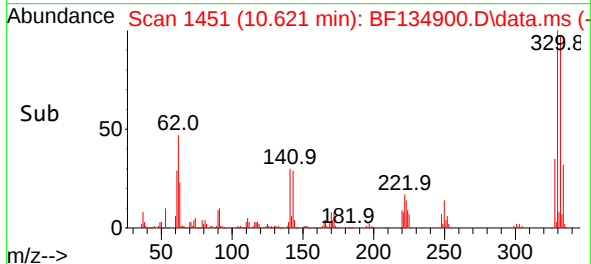
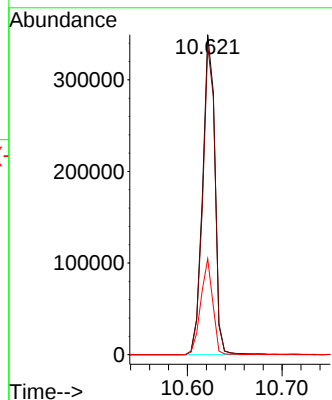
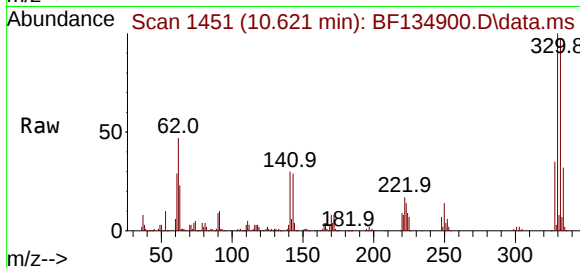




#42
2,4,6-Tribromophenol
Concen: 40.965 ng
RT: 10.621 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF134900.D
Acq: 23 Aug 2023 12:56

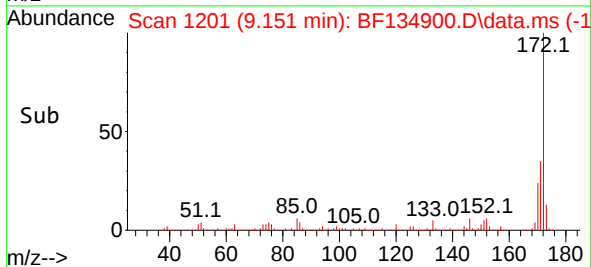
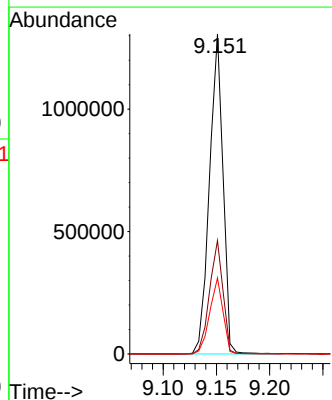
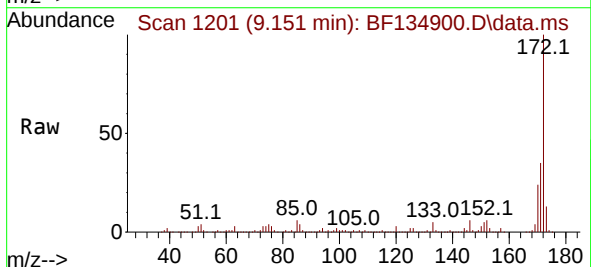
Instrument :
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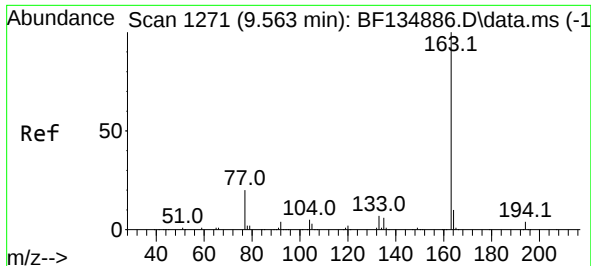
Tgt Ion: 330 Resp: 316231
Ion Ratio Lower Upper
330 100
332 96.1 76.3 114.5
141 29.1 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 27.406 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF134900.D
Acq: 23 Aug 2023 12:56

Tgt Ion: 172 Resp: 1162006
Ion Ratio Lower Upper
172 100
171 35.5 29.4 44.0
170 23.8 19.6 29.4

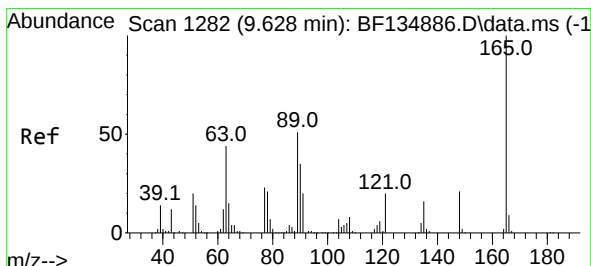
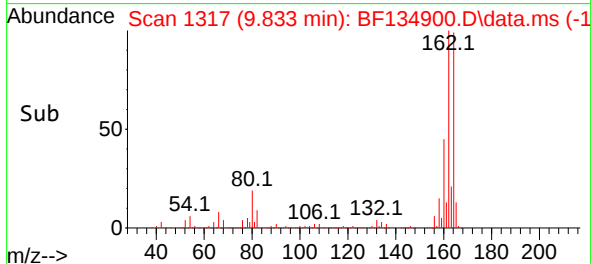
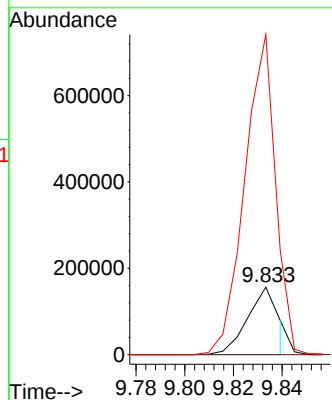
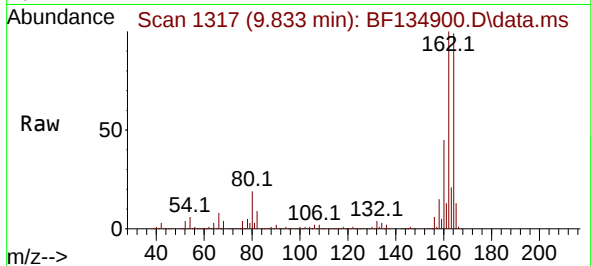




#50
Dimethylphthalate
Concen: 2.934 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.270 min
Lab File: BF134900.D
Acq: 23 Aug 2023 12:56

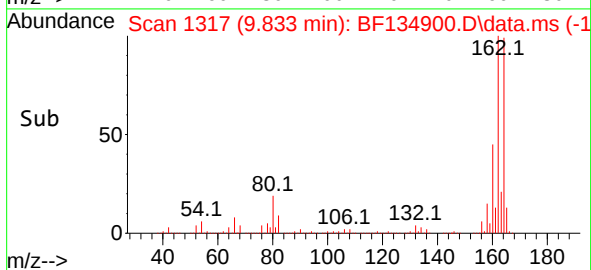
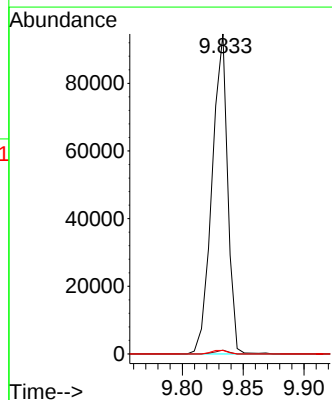
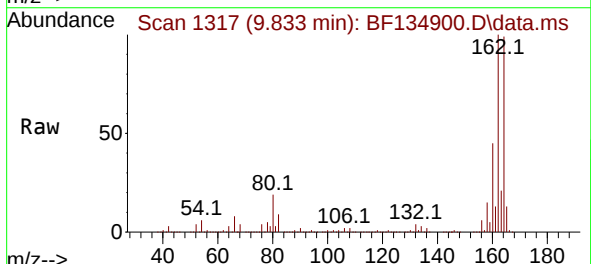
Instrument :
BNA_F
ClientSampleId :
WC-18RE

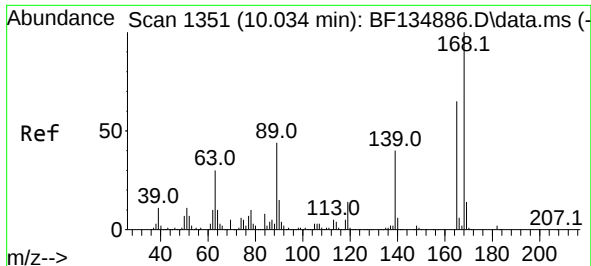
Tgt Ion:163 Resp: 136873
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 473.3 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 8.210 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.205 min
Lab File: BF134900.D
Acq: 23 Aug 2023 12:56

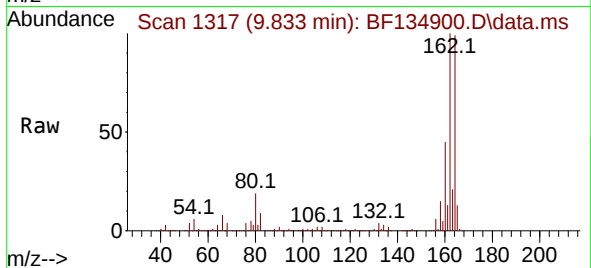
Tgt Ion:165 Resp: 84481
Ion Ratio Lower Upper
165 100
63 1.2 41.4 62.2#
89 1.1 40.9 61.3#



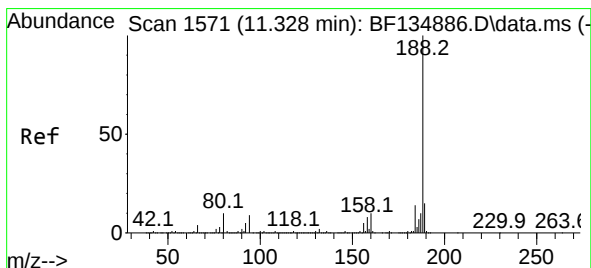
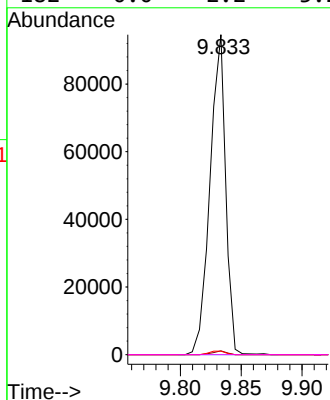
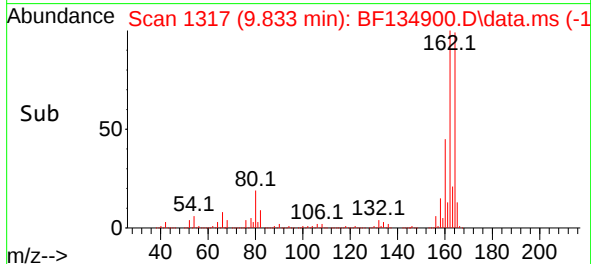


#57
2,4-Dinitrotoluene
Concen: 6.638 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.201 min
Lab File: BF134900.D
Acq: 23 Aug 2023 12:56

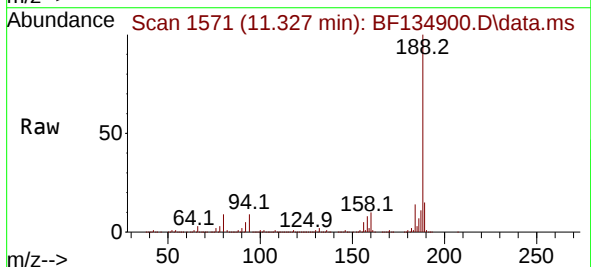
Instrument :
BNA_F
ClientSampleId :
WC-18RE



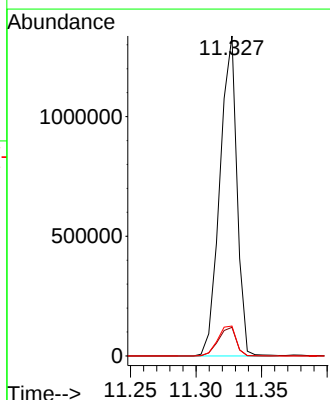
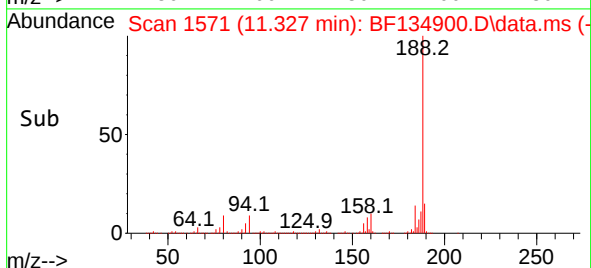
Tgt Ion:165 Resp: 84481
Ion Ratio Lower Upper
165 100
63 1.2 37.7 56.5#
89 1.1 54.2 81.4#
182 0.0 2.2 3.2#

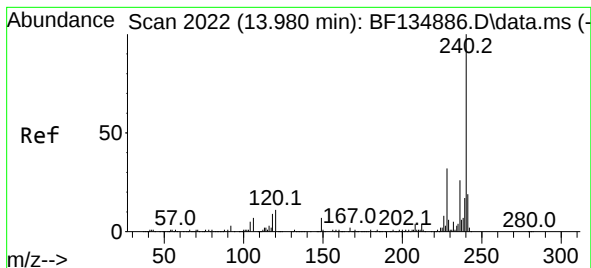


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF134900.D
Acq: 23 Aug 2023 12:56



Tgt Ion:188 Resp: 1209287
Ion Ratio Lower Upper
188 100
94 9.0 7.5 11.3
80 9.4 7.8 11.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF134900.D

Acq: 23 Aug 2023 12:56

Instrument :

BNA_F

ClientSampleId :

WC-18RE

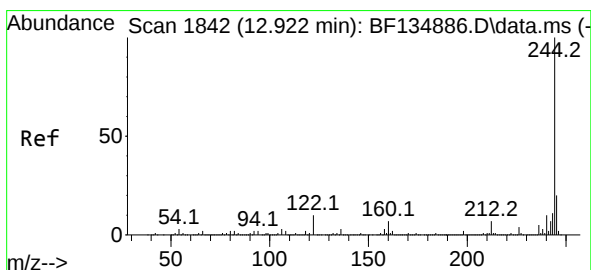
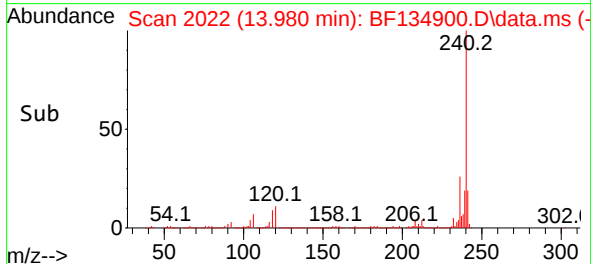
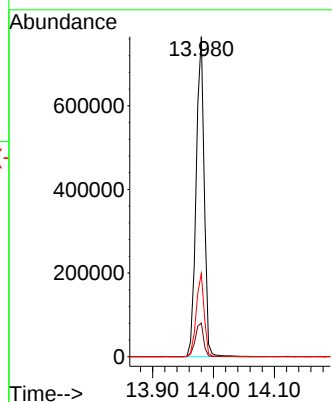
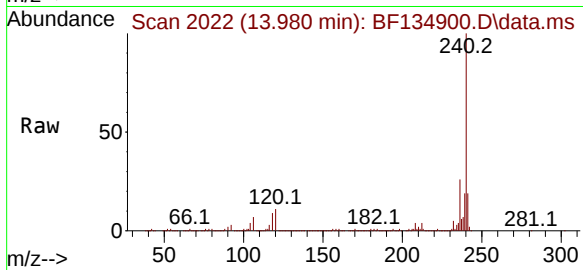
Tgt Ion:240 Resp: 709092

Ion Ratio Lower Upper

240 100

120 10.5 8.6 12.8

236 26.0 20.6 31.0



#79

Terphenyl-d14

Concen: 23.988 ng

RT: 12.921 min Scan# 1842

Delta R.T. -0.001 min

Lab File: BF134900.D

Acq: 23 Aug 2023 12:56

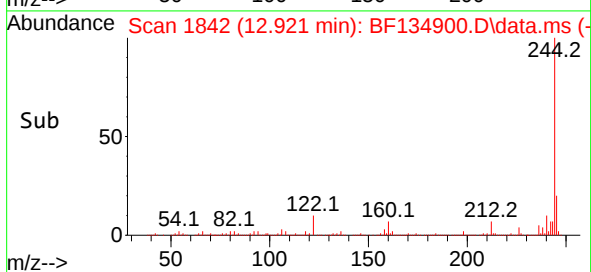
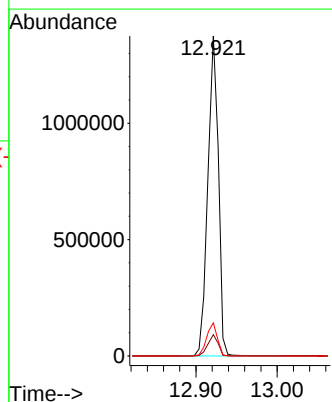
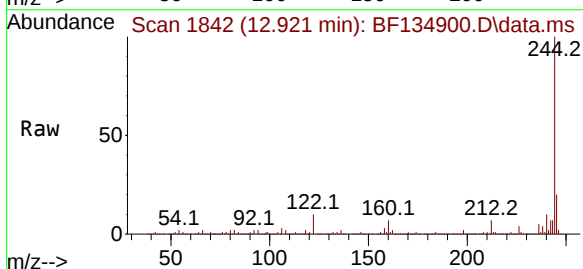
Tgt Ion:244 Resp: 1236706

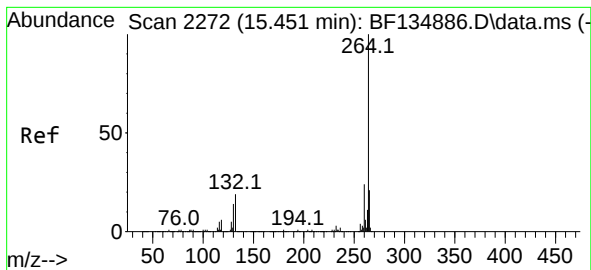
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 10.3 8.2 12.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.456 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134900.D
Acq: 23 Aug 2023 12:56

Instrument :
BNA_F
ClientSampleId :
WC-18RE

Tgt Ion:264 Resp: 773093

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	21.9	17.1	25.7

