

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
 Data File : BF141180.D
 Acq On : 16 Jan 2025 12:55
 Operator : RC/JU
 Sample : PB166074BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166074BL

Quant Time: Jan 16 13:16:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

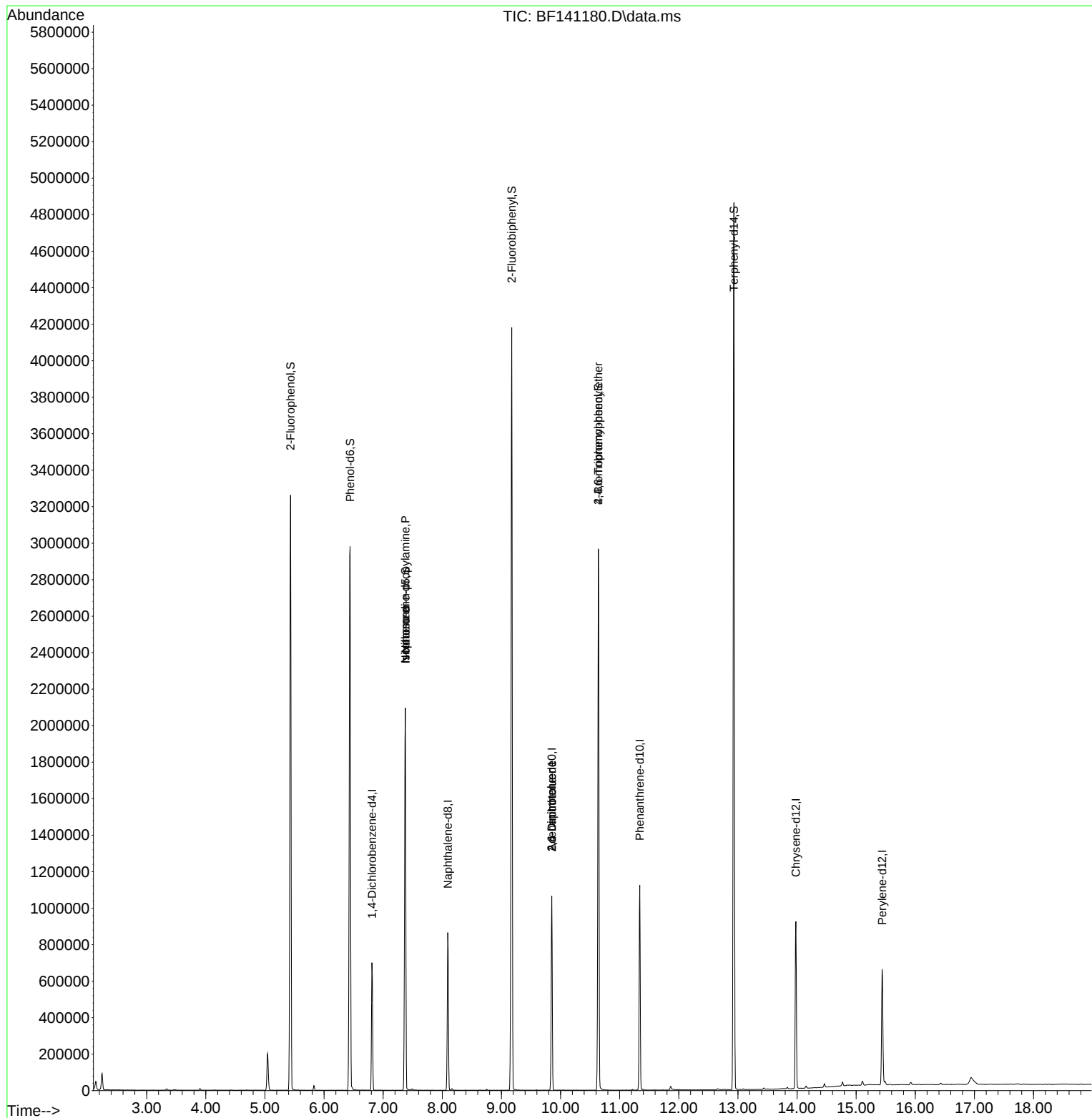
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	145855	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	581777	20.000	ng	-0.01
39) Acenaphthene-d10	9.851	164	320593	20.000	ng	-0.01
64) Phenanthrene-d10	11.339	188	568251	20.000	ng	0.00
76) Chrysene-d12	13.980	240	437604	20.000	ng	0.00
86) Perylene-d12	15.439	264	367759	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1307381	138.469	ng	0.00
7) Phenol-d6	6.440	99	1615588	135.084	ng	0.00
23) Nitrobenzene-d5	7.375	82	1054446	96.076	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	563107	154.151	ng	-0.01
45) 2-Fluorobiphenyl	9.175	172	2002855	95.400	ng	0.00
79) Terphenyl-d14	12.933	244	2569374	87.268	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	142253	20.192	ng	# 77
25) Isophorone	7.375	82	1048470	55.900	ng	# 65
51) 2,6-Dinitrotoluene	9.851	165	41269	8.246	ng	# 27
57) 2,4-Dinitrotoluene	9.851	165	41269	6.398	ng	# 24
67) 4-Bromophenyl-phenylether	10.639	248	34515	5.276	ng	# 1

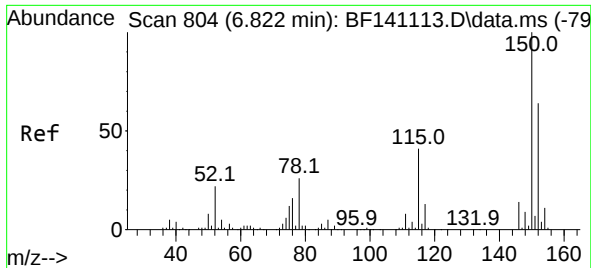
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
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Quant Time: Jan 16 13:16:03 2025
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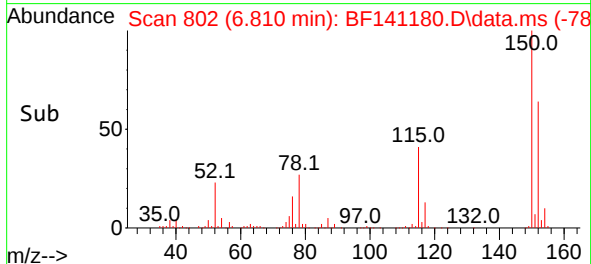
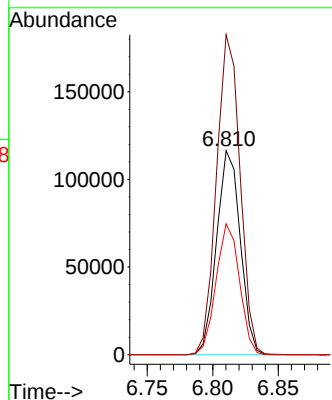
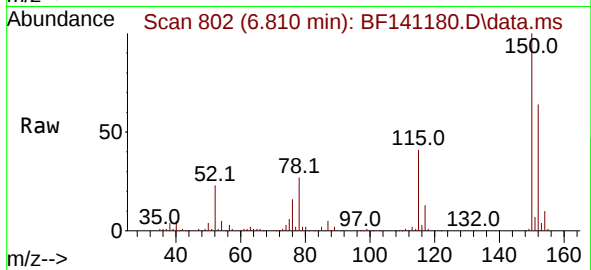




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.012 min
Lab File: BF141180.D
Acq: 16 Jan 2025 12:55

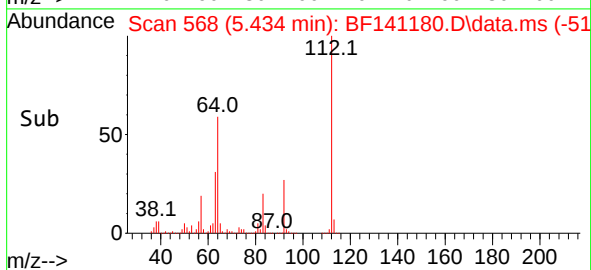
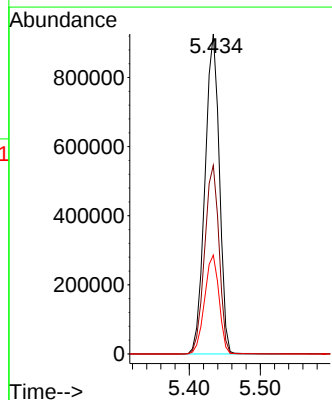
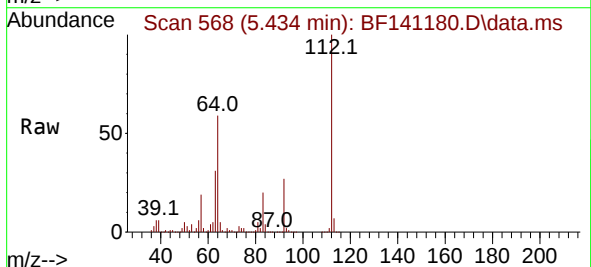
Instrument :
BNA_F
ClientSampleId :
PB166074BL

Tgt Ion:152 Resp: 145855
Ion Ratio Lower Upper
152 100
150 156.8 125.8 188.8
115 64.1 51.4 77.2



#5
2-Fluorophenol
Concen: 138.469 ng
RT: 5.434 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF141180.D
Acq: 16 Jan 2025 12:55

Tgt Ion:112 Resp: 1307381
Ion Ratio Lower Upper
112 100
64 58.9 47.3 70.9
63 30.9 24.2 36.2



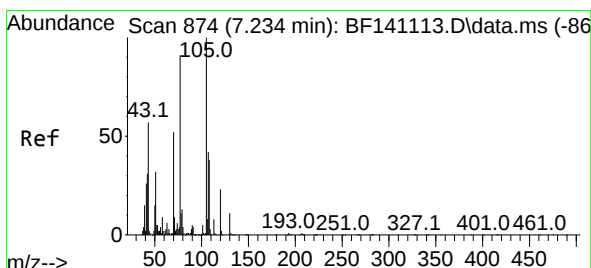
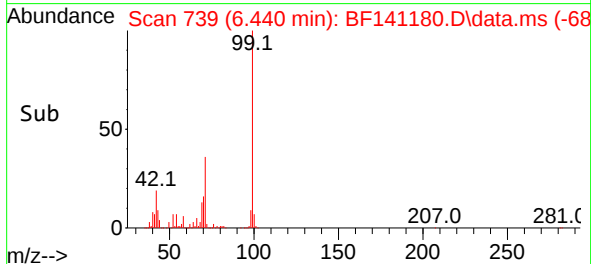
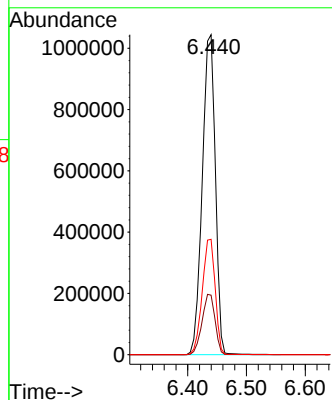
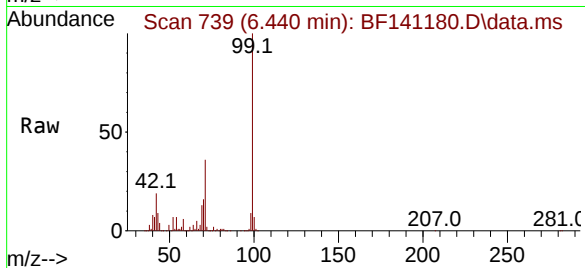


#7
Phenol-d6
Concen: 135.084 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141180.D
Acq: 16 Jan 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB166074BL

Tgt Ion: 99 Resp: 1615588

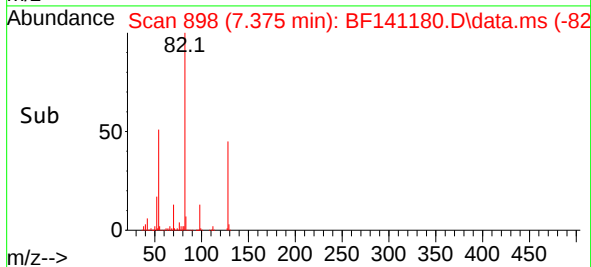
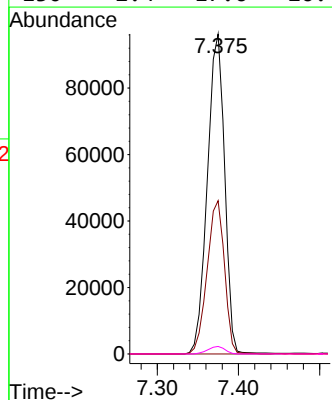
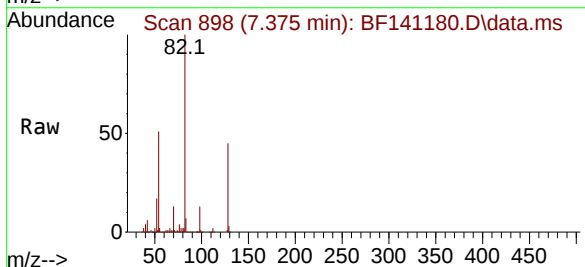
Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.0	22.4
71	36.1	27.6	41.4

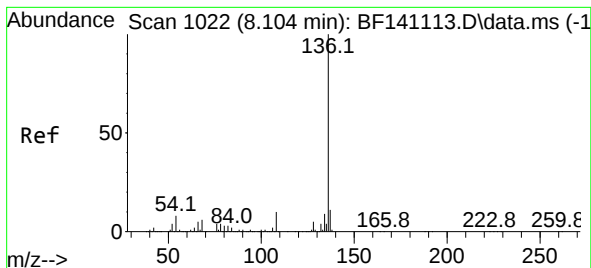


#19
n-Nitroso-di-n-propylamine
Concen: 20.192 ng
RT: 7.375 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF141180.D
Acq: 16 Jan 2025 12:55

Tgt Ion: 70 Resp: 142253

Ion	Ratio	Lower	Upper
70	100		
42	47.9	47.8	71.6
101	0.0	7.9	11.9#
130	2.4	17.6	26.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BF141180.D

Acq: 16 Jan 2025 12:55

Instrument :

BNA_F

ClientSampleId :

PB166074BL

Tgt Ion:136 Resp: 581777

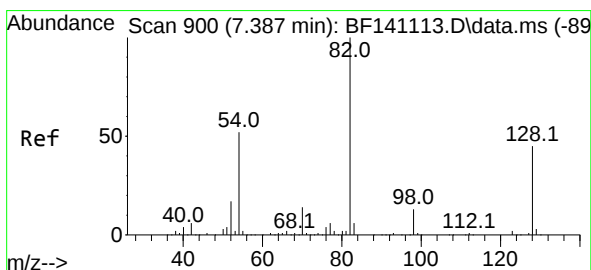
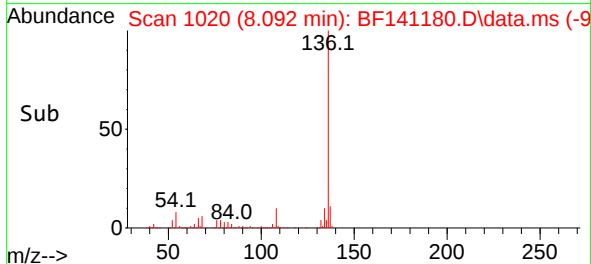
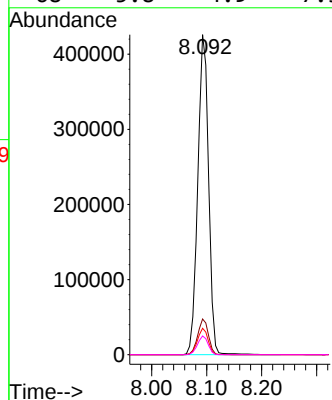
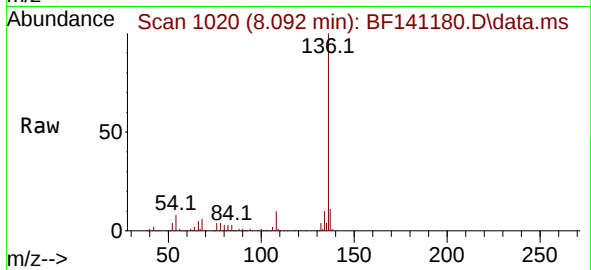
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.3 6.3 9.5

68 5.8 4.9 7.3



#23

Nitrobenzene-d5

Concen: 96.076 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.012 min

Lab File: BF141180.D

Acq: 16 Jan 2025 12:55

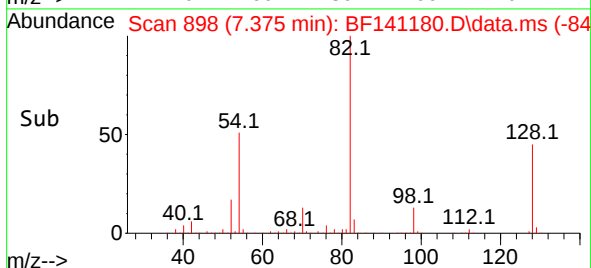
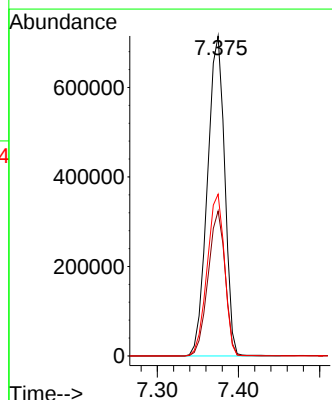
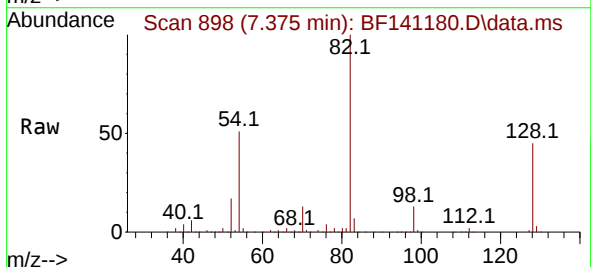
Tgt Ion: 82 Resp: 1054446

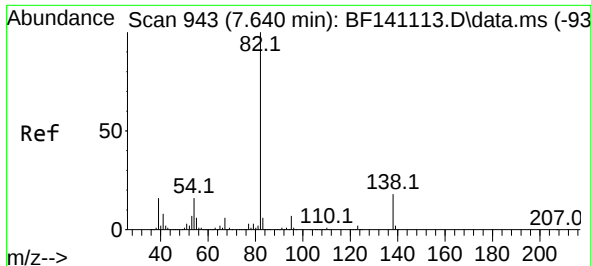
Ion Ratio Lower Upper

82 100

128 45.3 36.1 54.1

54 50.5 41.0 61.4

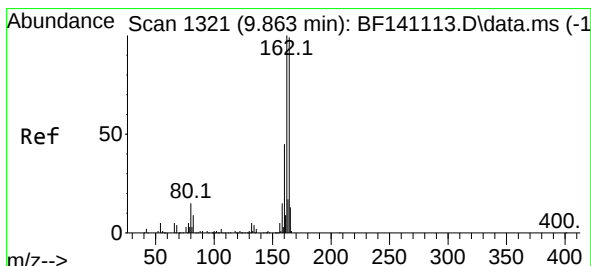
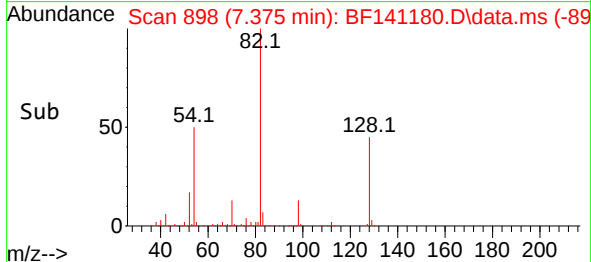
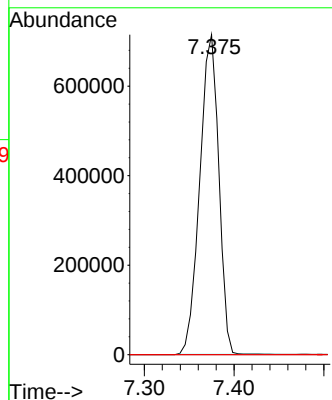
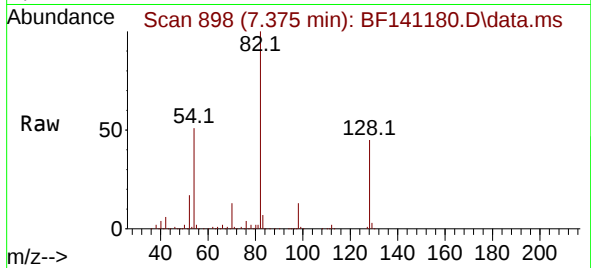




#25
Isophorone
Concen: 55.900 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF141180.D
Acq: 16 Jan 2025 12:55

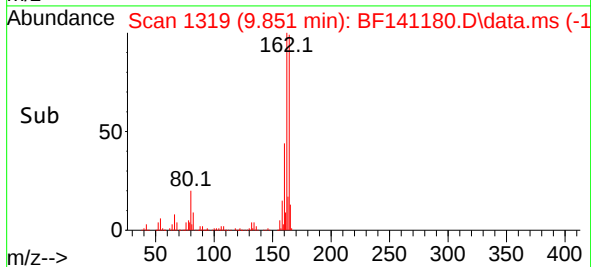
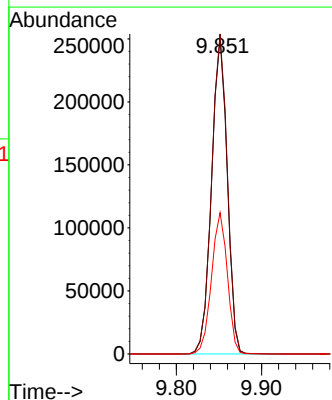
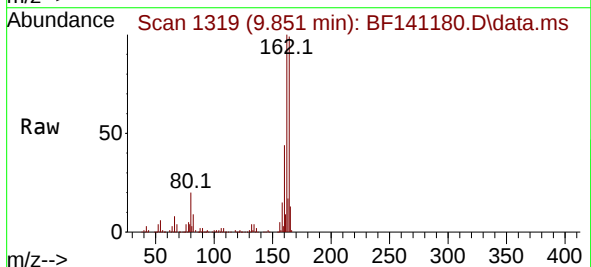
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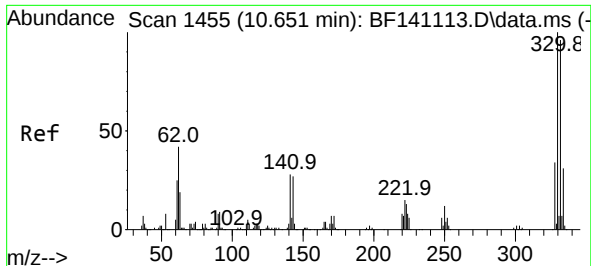
Tgt Ion: 82 Resp: 1048470
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF141180.D
Acq: 16 Jan 2025 12:55

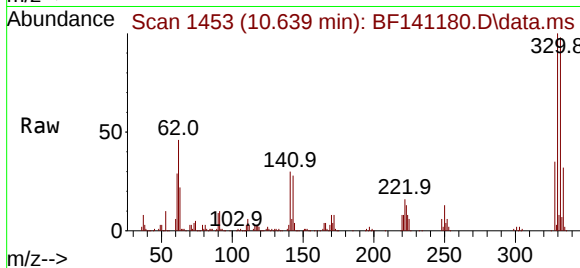
Tgt Ion: 164 Resp: 320593
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.4
160 44.7 36.1 54.1



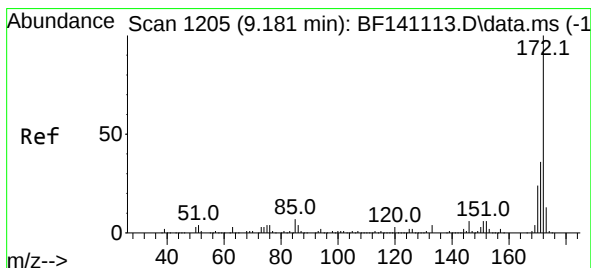
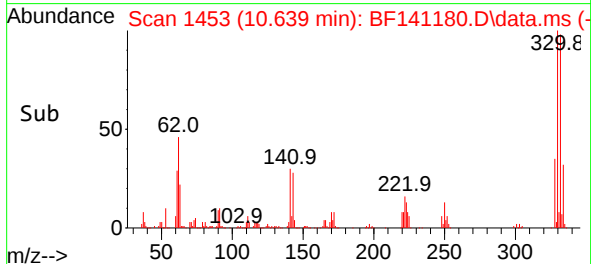
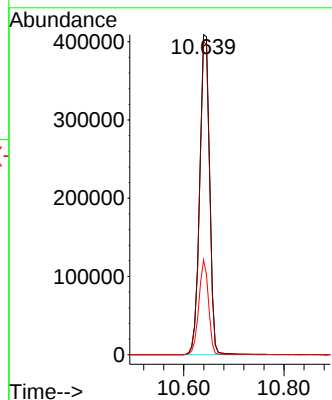


#42
2,4,6-Tribromophenol
Concen: 154.151 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF141180.D
Acq: 16 Jan 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB166074BL

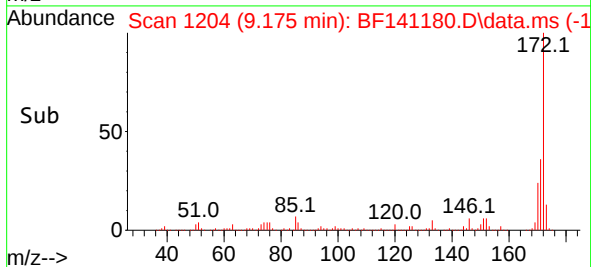
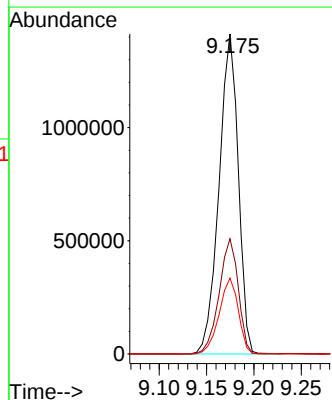
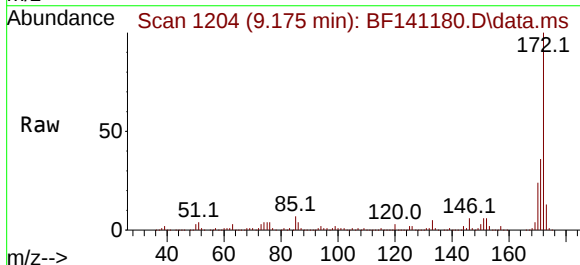


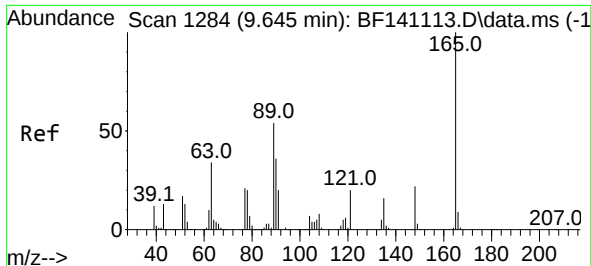
Tgt Ion:330 Resp: 563107
Ion Ratio Lower Upper
330 100
332 97.6 76.9 115.3
141 28.6 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 95.400 ng
RT: 9.175 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF141180.D
Acq: 16 Jan 2025 12:55

Tgt Ion:172 Resp: 2002855
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 23.7 19.0 28.6

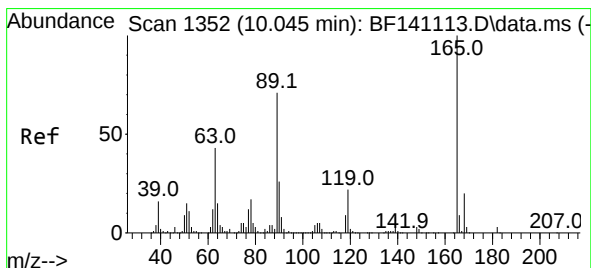
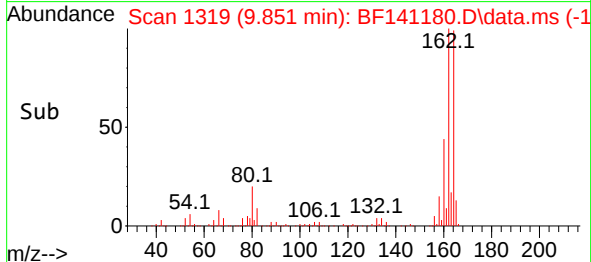
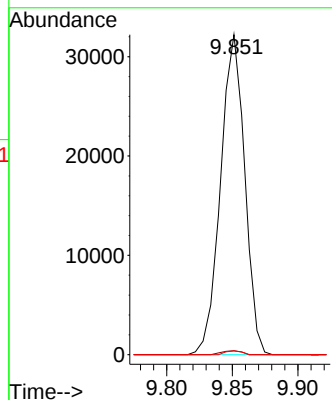
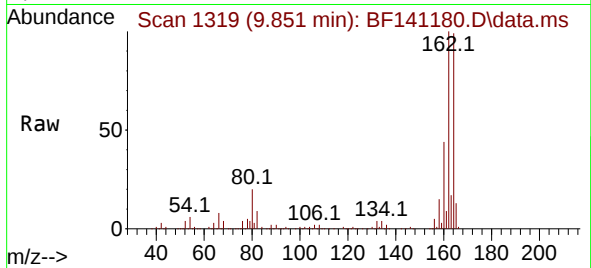




#51
2,6-Dinitrotoluene
Concen: 8.246 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF141180.D
Acq: 16 Jan 2025 12:55

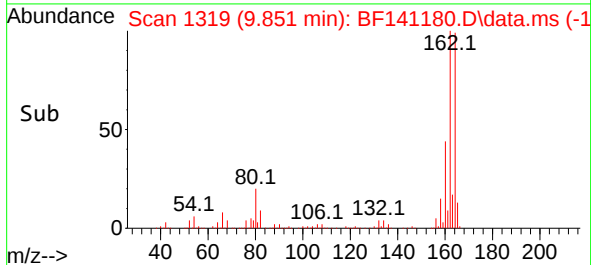
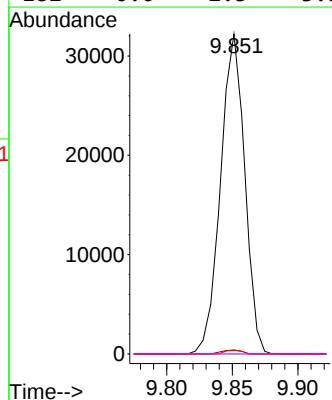
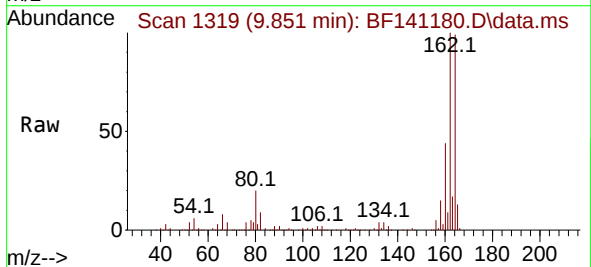
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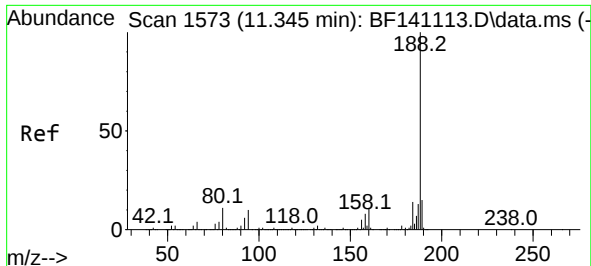
Tgt Ion:165 Resp: 41269
Ion Ratio Lower Upper
165 100
63 1.2 42.3 63.5#
89 1.1 43.1 64.7#



#57
2,4-Dinitrotoluene
Concen: 6.398 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.194 min
Lab File: BF141180.D
Acq: 16 Jan 2025 12:55

Tgt Ion:165 Resp: 41269
Ion Ratio Lower Upper
165 100
63 1.2 35.0 52.4#
89 1.1 56.7 85.1#
182 0.0 2.3 3.5#

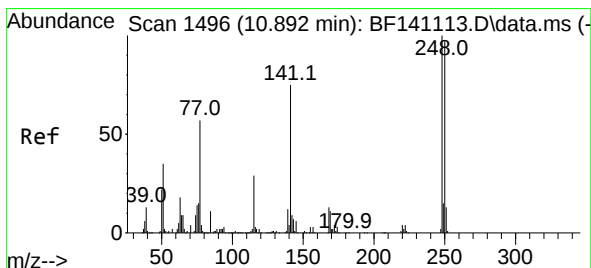
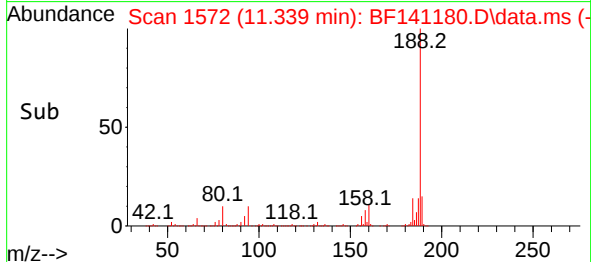
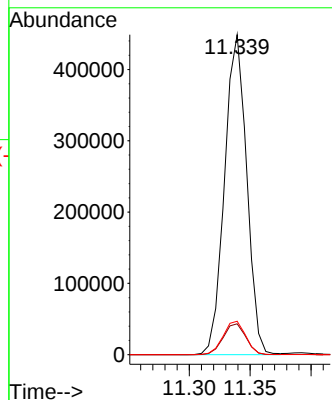
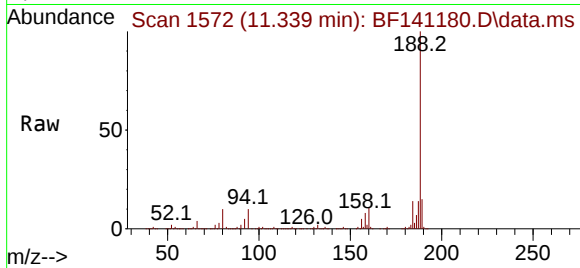




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141180.D
Acq: 16 Jan 2025 12:55

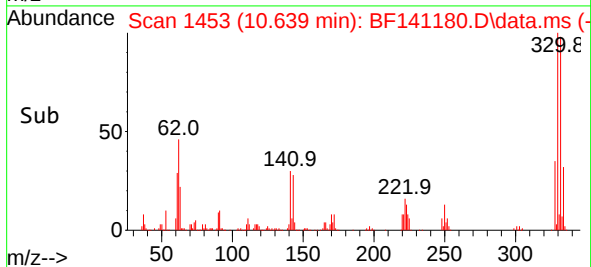
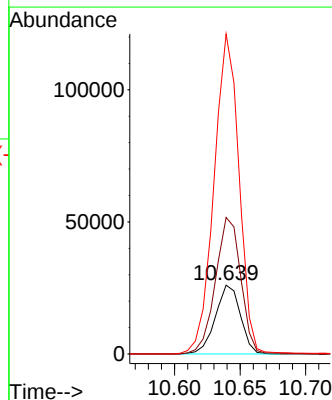
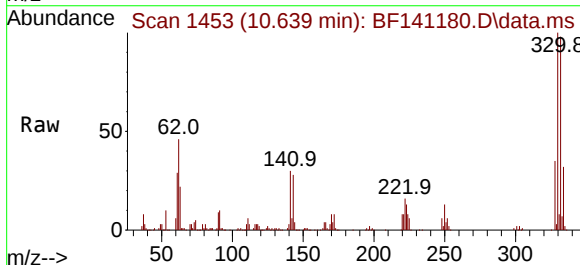
Instrument :
BNA_F
ClientSampleId :
PB166074BL

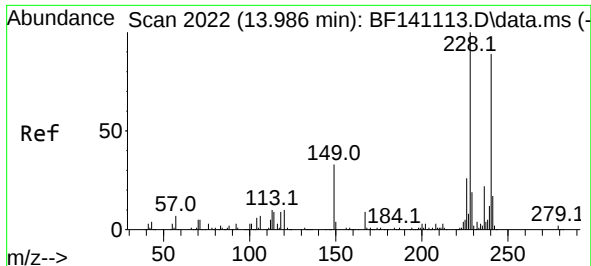
Tgt Ion:188 Resp: 568251
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.5 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 5.276 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.253 min
Lab File: BF141180.D
Acq: 16 Jan 2025 12:55

Tgt Ion:248 Resp: 34515
Ion Ratio Lower Upper
248 100
250 198.4 77.9 116.9#
141 465.2 59.9 89.9#

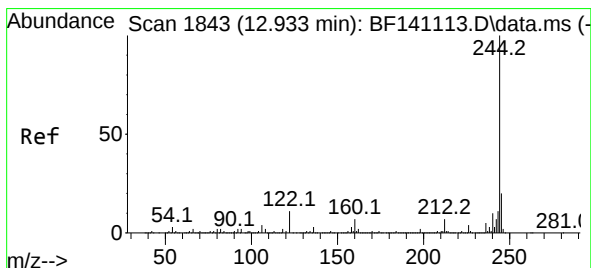
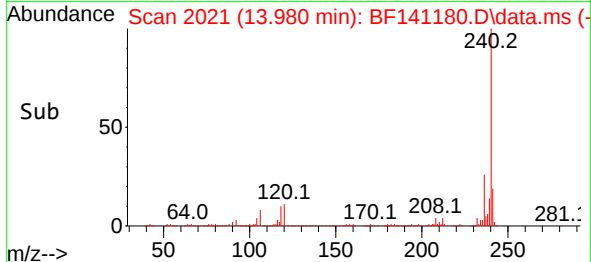
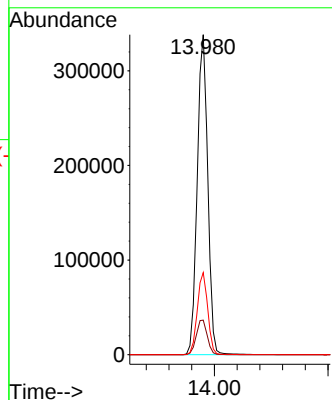
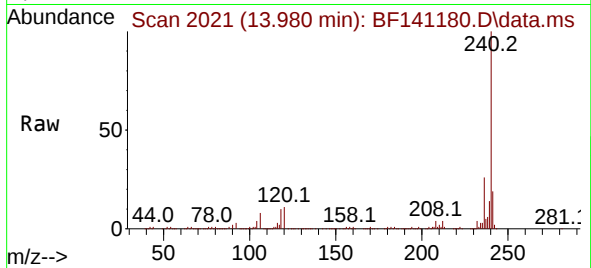




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF141180.D
Acq: 16 Jan 2025 12:55

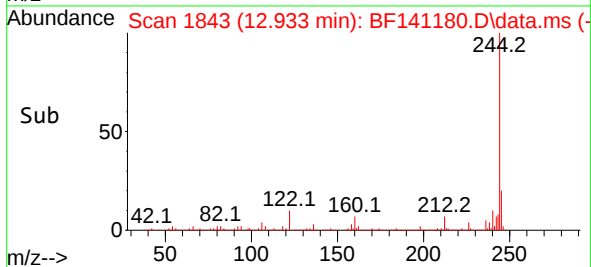
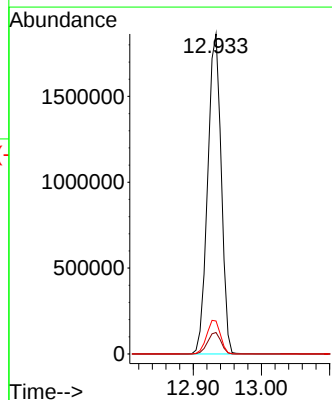
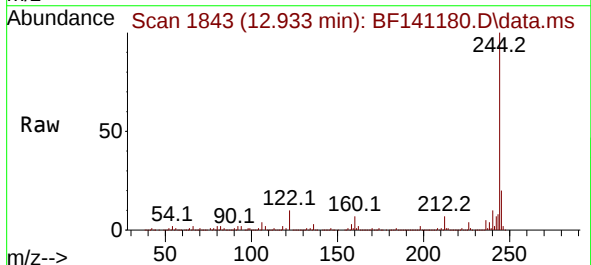
Instrument :
BNA_F
ClientSampleId :
PB166074BL

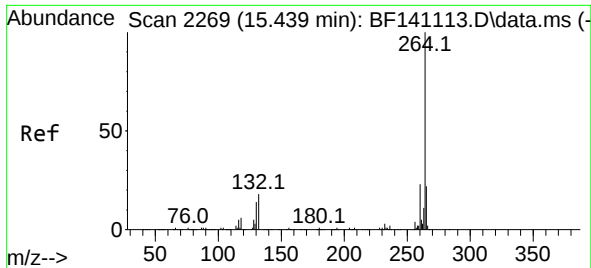
Tgt Ion:240 Resp: 437604
Ion Ratio Lower Upper
240 100
120 10.8 9.1 13.7
236 25.6 19.8 29.6



#79
Terphenyl-d14
Concen: 87.268 ng
RT: 12.933 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF141180.D
Acq: 16 Jan 2025 12:55

Tgt Ion:244 Resp: 2569374
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 10.3 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF141180.D
 Acq: 16 Jan 2025 12:55

Instrument :
 BNA_F
 ClientSampleId :
 PB166074BL

Tgt Ion:264 Resp: 367759
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.4 17.4 26.0

