

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
 Data File : BF142860.D
 Acq On : 26 Jun 2025 11:07
 Operator : RC/JU
 Sample : PB168614BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168614BL

Quant Time: Jun 26 11:56:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

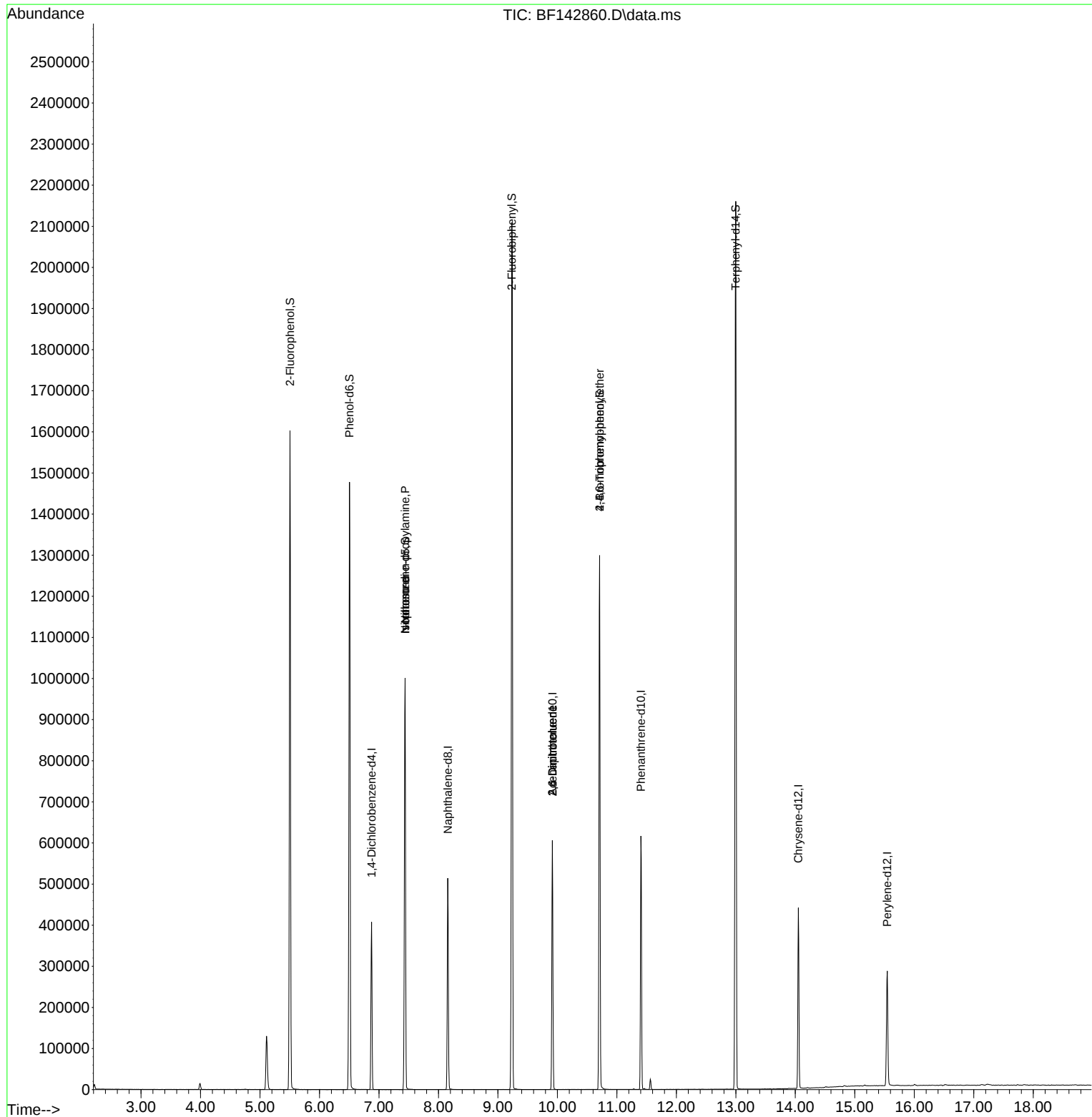
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	88228	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	339552	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	183081	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	326284	20.000	ng	0.00
76) Chrysene-d12	14.051	240	216050	20.000	ng	0.00
86) Perylene-d12	15.545	264	169865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	628510	118.604	ng	0.01
7) Phenol-d6	6.504	99	737474	117.957	ng	0.00
23) Nitrobenzene-d5	7.440	82	464072	74.966	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	236213	125.377	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1013654	72.733	ng	-0.01
79) Terphenyl-d14	12.998	244	1102042	70.479	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	62062	17.068	ng	# 76
25) Isophorone	7.440	82	461505	46.474	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	23587	9.063	ng	# 27
57) 2,4-Dinitrotoluene	9.916	165	23587	6.823	ng	# 28
67) 4-Bromophenyl-phenylether	10.710	248	14855	4.000	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142860.D
Acq On : 26 Jun 2025 11:07
Operator : RC/JU
Sample : PB168614BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168614BL

Quant Time: Jun 26 11:56:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

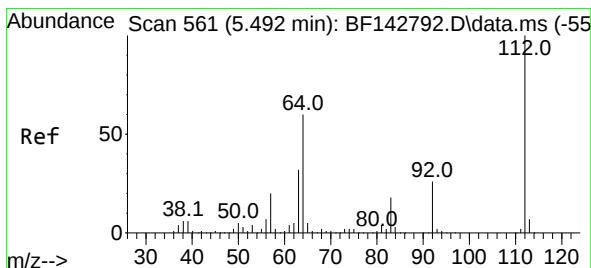
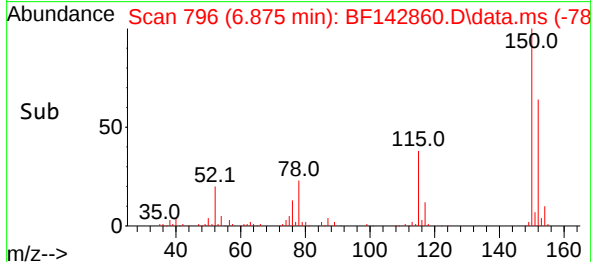
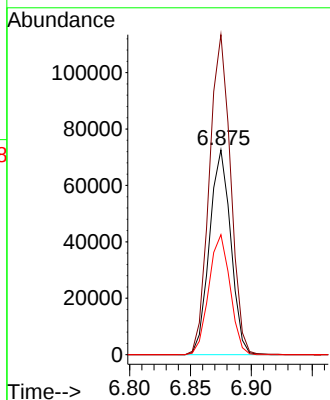
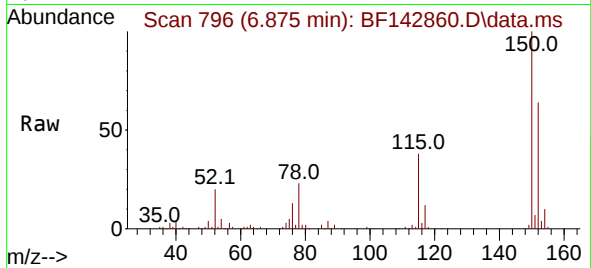




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF142860.D
 Acq: 26 Jun 2025 11:07

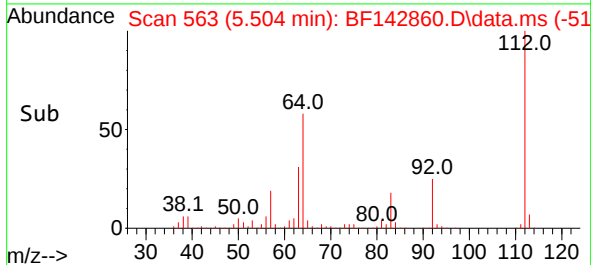
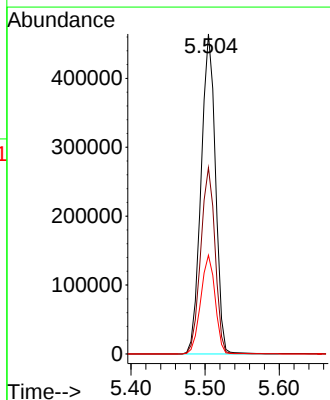
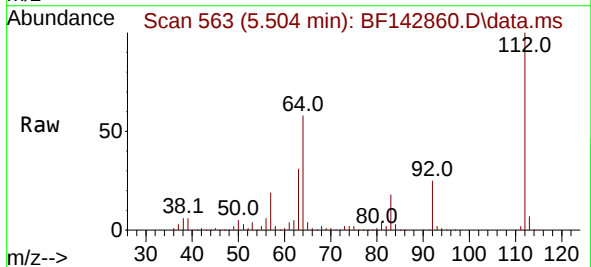
Instrument :
 BNA_F
 ClientSampleId :
 PB168614BL

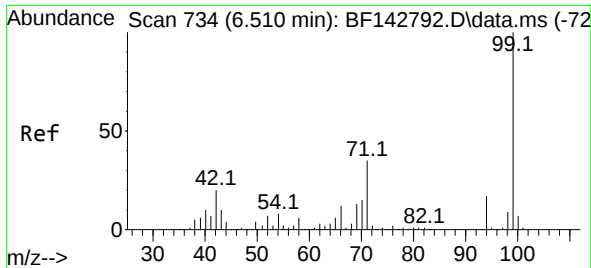
Tgt Ion:152 Resp: 88228
 Ion Ratio Lower Upper
 152 100
 150 156.2 127.2 190.8
 115 58.6 46.6 69.8



#5
 2-Fluorophenol
 Concen: 118.604 ng
 RT: 5.504 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF142860.D
 Acq: 26 Jun 2025 11:07

Tgt Ion:112 Resp: 628510
 Ion Ratio Lower Upper
 112 100
 64 58.2 48.2 72.2
 63 30.9 25.7 38.5

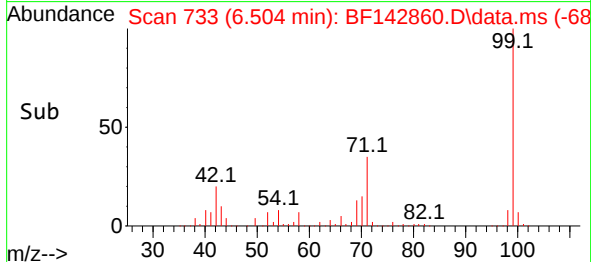
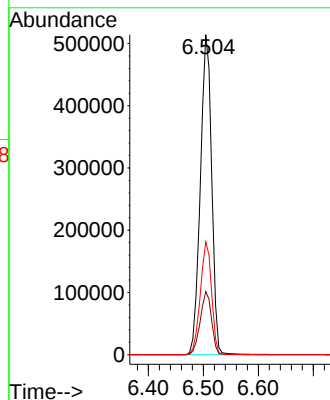
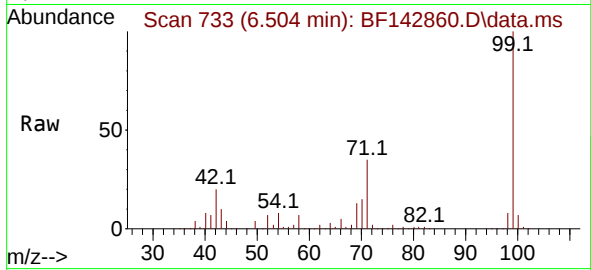




#7
Phenol-d6
Concen: 117.957 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142860.D
Acq: 26 Jun 2025 11:07

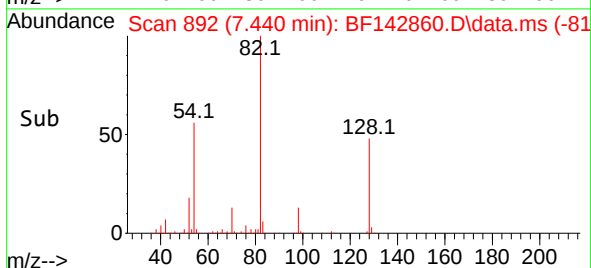
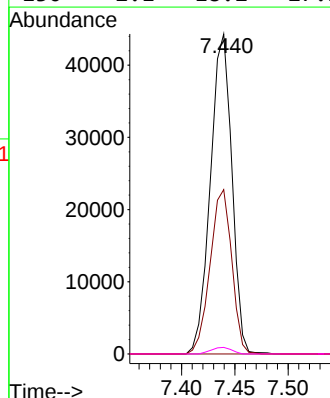
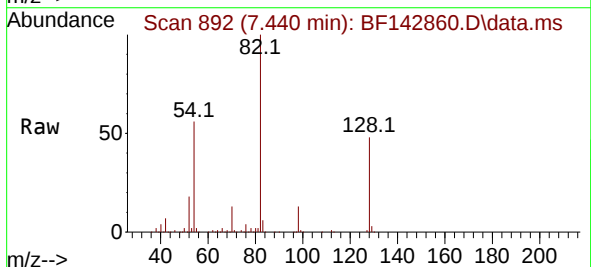
Instrument :
BNA_F
ClientSampleId :
PB168614BL

Tgt Ion: 99 Resp: 737474
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 35.3 27.8 41.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.068 ng
RT: 7.440 min Scan# 892
Delta R.T. 0.147 min
Lab File: BF142860.D
Acq: 26 Jun 2025 11:07

Tgt Ion: 70 Resp: 62062
Ion Ratio Lower Upper
70 100
42 51.3 52.1 78.1#
101 0.0 8.2 12.2#
130 2.1 18.2 27.2#

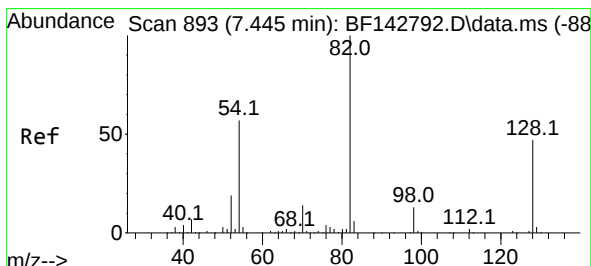
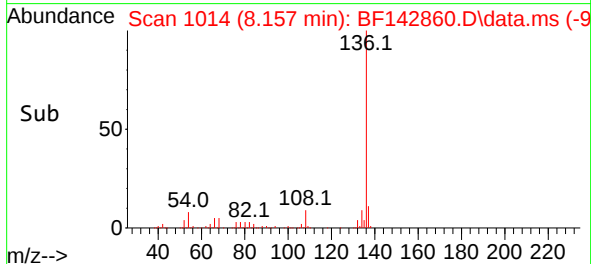
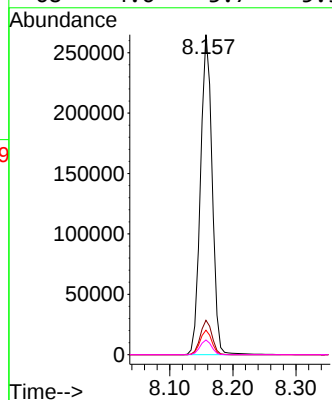
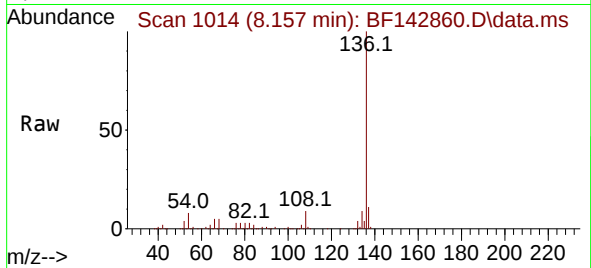




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142860.D
Acq: 26 Jun 2025 11:07

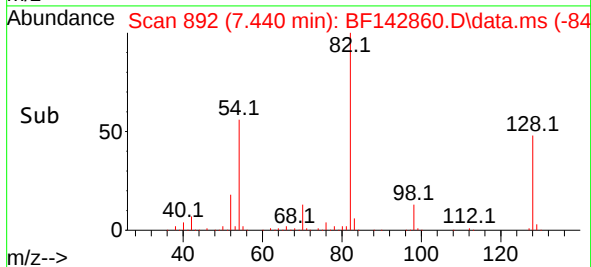
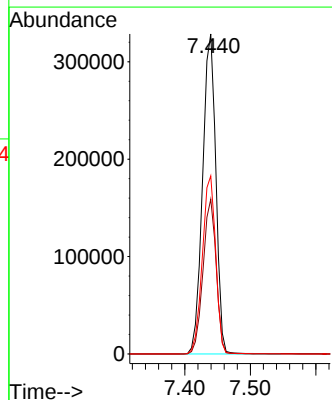
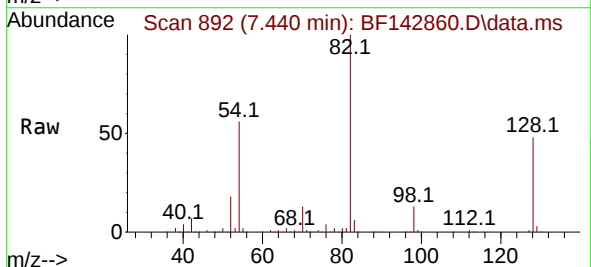
Instrument :
BNA_F
ClientSampleId :
PB168614BL

Tgt Ion:136 Resp: 339552
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.7 6.3 9.5
68 4.6 3.7 5.5



#23
Nitrobenzene-d5
Concen: 74.966 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.005 min
Lab File: BF142860.D
Acq: 26 Jun 2025 11:07

Tgt Ion: 82 Resp: 464072
Ion Ratio Lower Upper
82 100
128 48.4 37.7 56.5
54 55.6 45.7 68.5

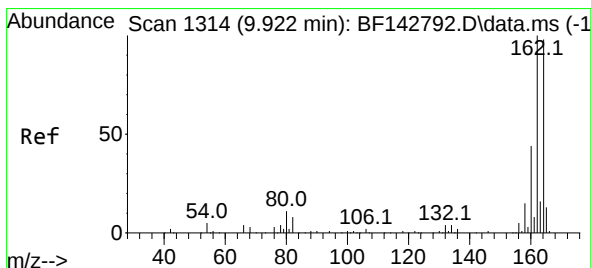
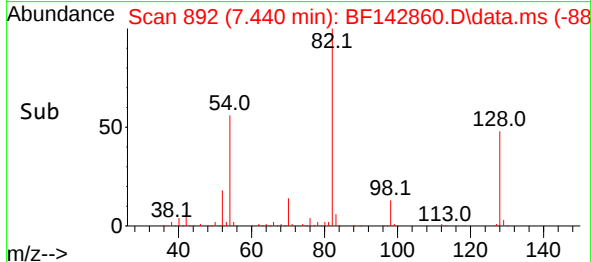
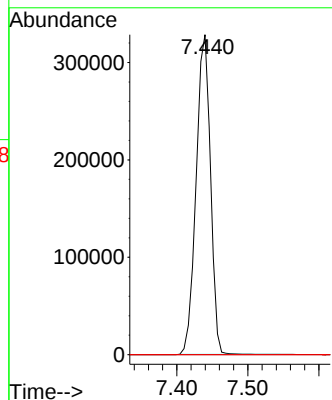
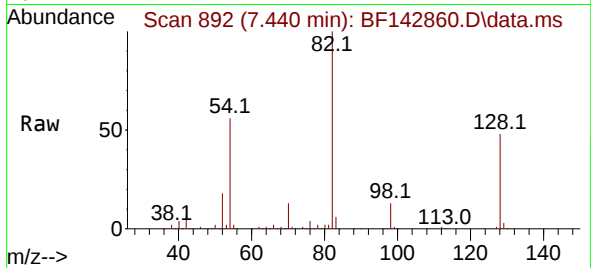




#25
Isophorone
Concen: 46.474 ng
RT: 7.440 min Scan# 89
Delta R.T. -0.264 min
Lab File: BF142860.D
Acq: 26 Jun 2025 11:07

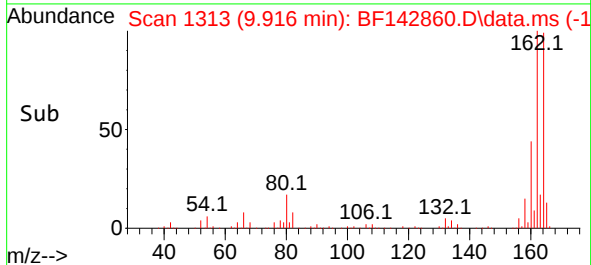
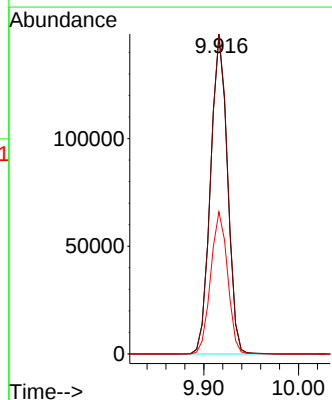
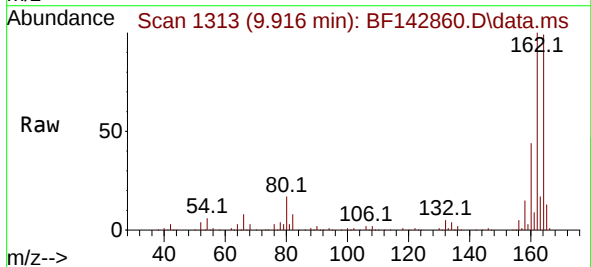
Instrument :
BNA_F
ClientSampleId :
PB168614BL

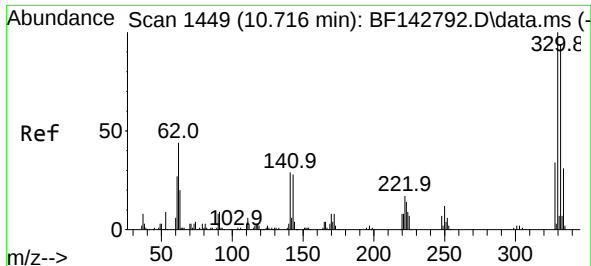
Tgt Ion: 82 Resp: 461505
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 16.2 24.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF142860.D
Acq: 26 Jun 2025 11:07

Tgt Ion:164 Resp: 183081
Ion Ratio Lower Upper
164 100
162 100.6 81.8 122.8
160 44.6 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 125.377 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF142860.D

Acq: 26 Jun 2025 11:07

Instrument :

BNA_F

ClientSampleId :

PB168614BL

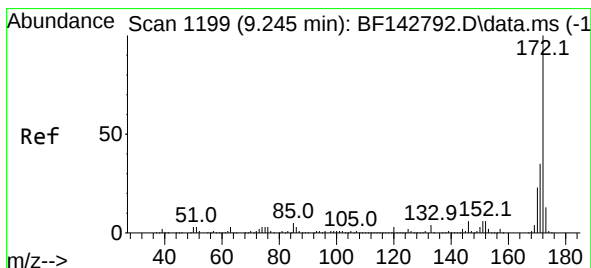
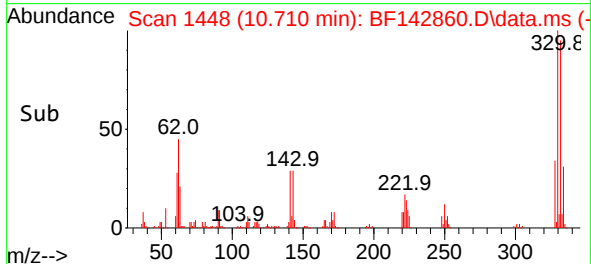
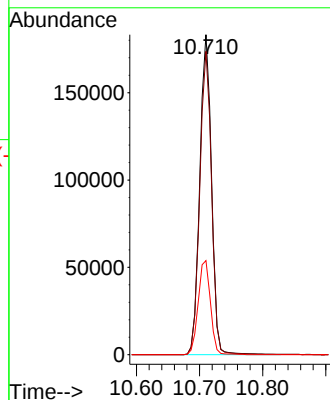
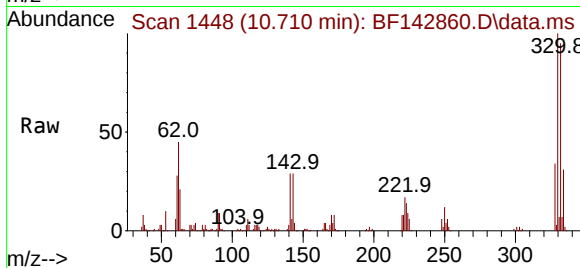
Tgt Ion:330 Resp: 236213

Ion Ratio Lower Upper

330 100

332 95.2 75.0 112.6

141 30.6 25.3 37.9



#45

2-Fluorobiphenyl

Concen: 72.733 ng

RT: 9.234 min Scan# 1197

Delta R.T. -0.011 min

Lab File: BF142860.D

Acq: 26 Jun 2025 11:07

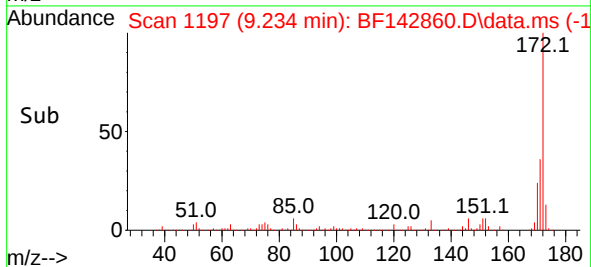
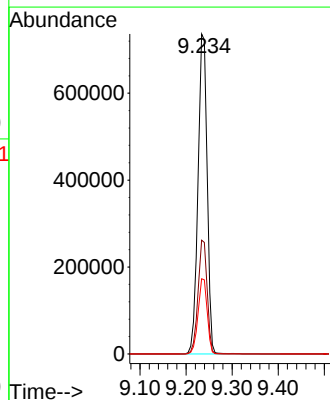
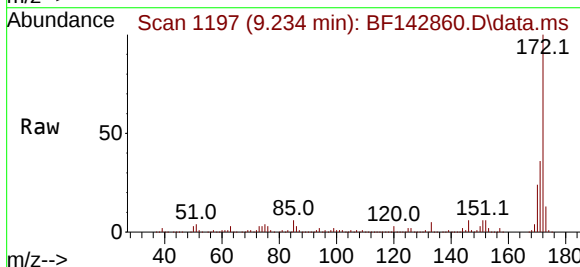
Tgt Ion:172 Resp: 1013654

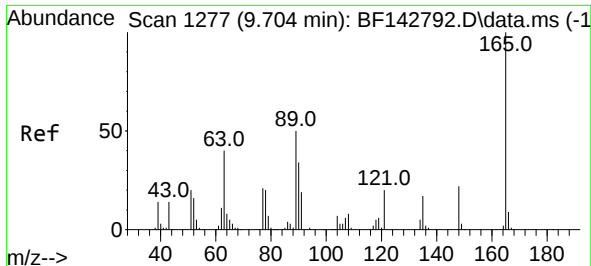
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.4

170 23.5 18.5 27.7





#51

2,6-Dinitrotoluene

Concen: 9.063 ng

RT: 9.916 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF142860.D

Acq: 26 Jun 2025 11:07

Instrument :

BNA_F

ClientSampleId :

PB168614BL

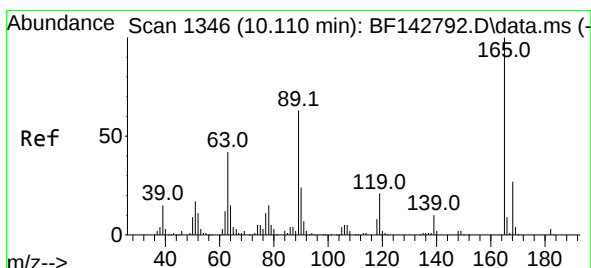
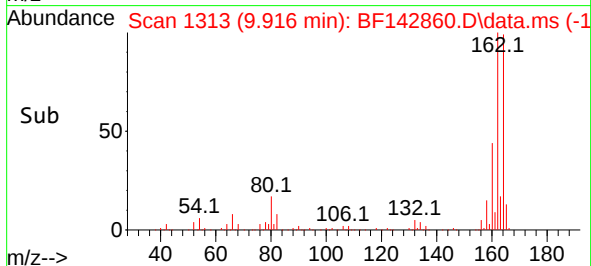
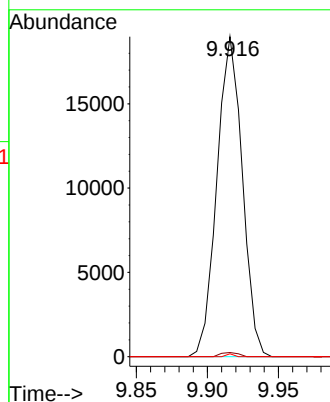
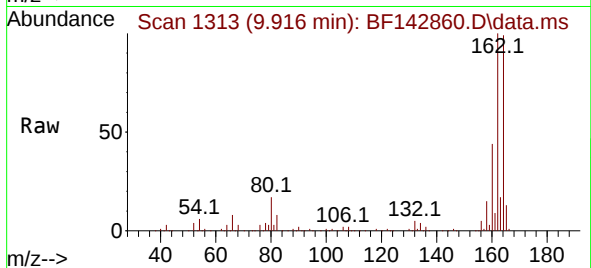
Tgt Ion:165 Resp: 23587

Ion Ratio Lower Upper

165 100

63 1.3 44.2 66.4#

89 0.9 39.8 59.8#



#57

2,4-Dinitrotoluene

Concen: 6.823 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.194 min

Lab File: BF142860.D

Acq: 26 Jun 2025 11:07

Tgt Ion:165 Resp: 23587

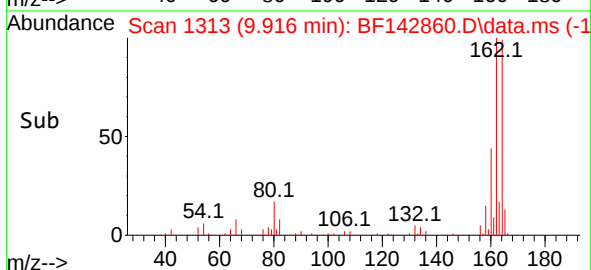
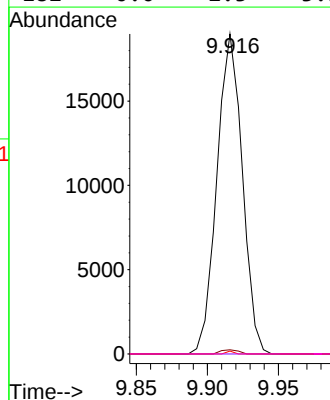
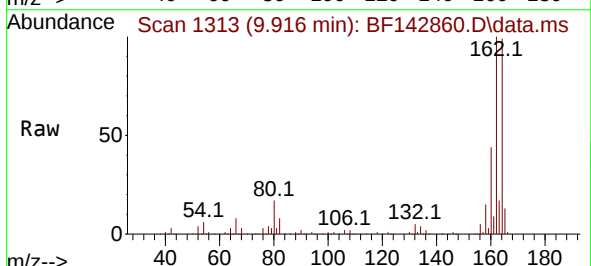
Ion Ratio Lower Upper

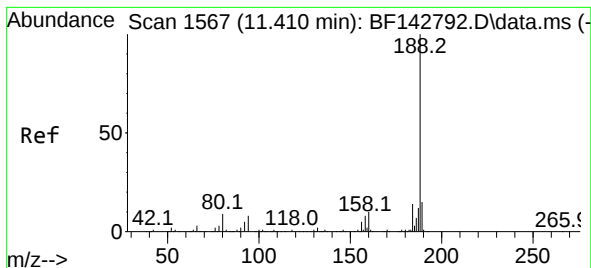
165 100

63 1.3 33.9 50.9#

89 0.9 50.6 75.8#

182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142860.D

Acq: 26 Jun 2025 11:07

Instrument :

BNA_F

ClientSampleId :

PB168614BL

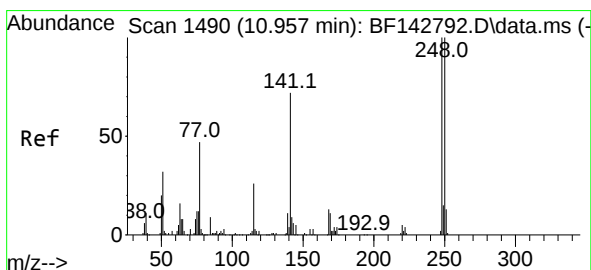
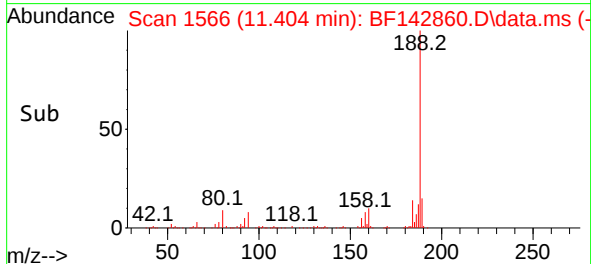
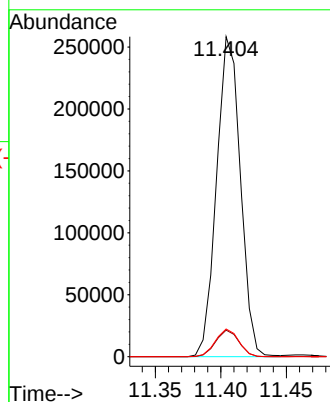
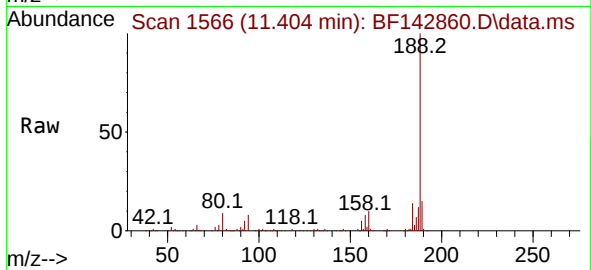
Tgt Ion:188 Resp: 326284

Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

80 8.7 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.000 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.247 min

Lab File: BF142860.D

Acq: 26 Jun 2025 11:07

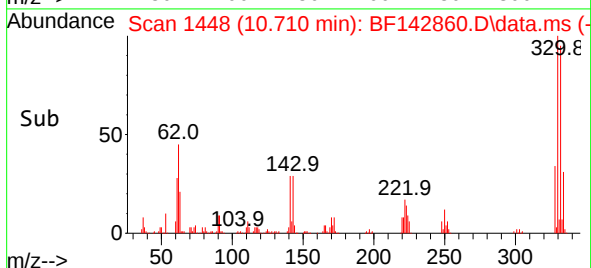
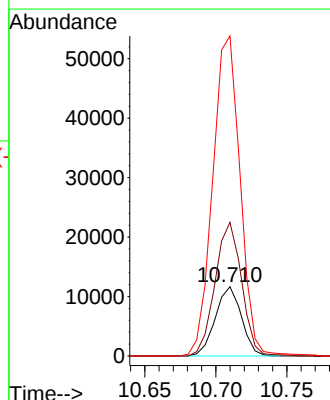
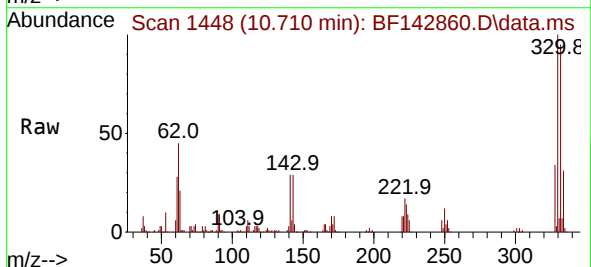
Tgt Ion:248 Resp: 14855

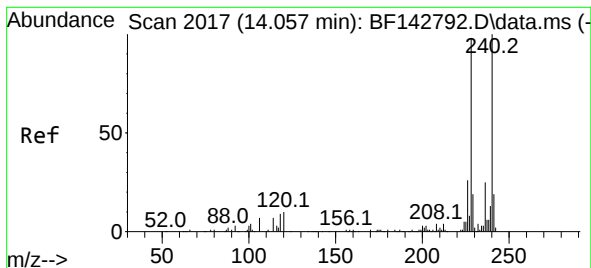
Ion Ratio Lower Upper

248 100

250 193.1 79.8 119.8#

141 462.2 57.8 86.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF142860.D

Acq: 26 Jun 2025 11:07

Instrument :

BNA_F

ClientSampleId :

PB168614BL

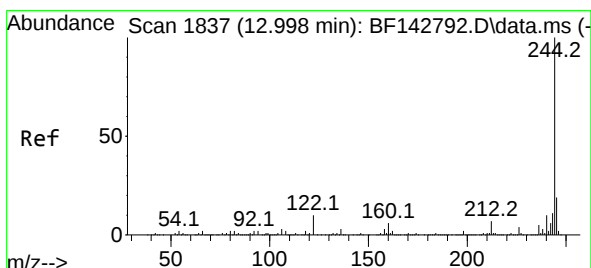
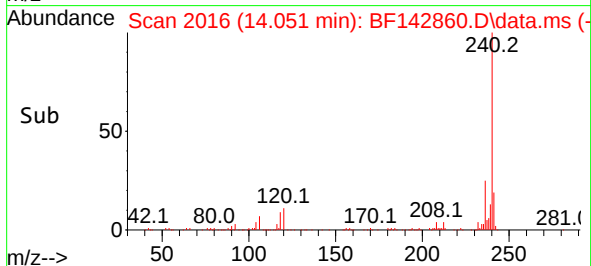
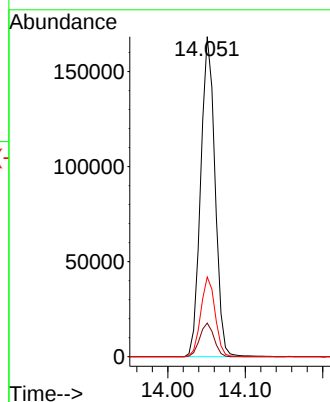
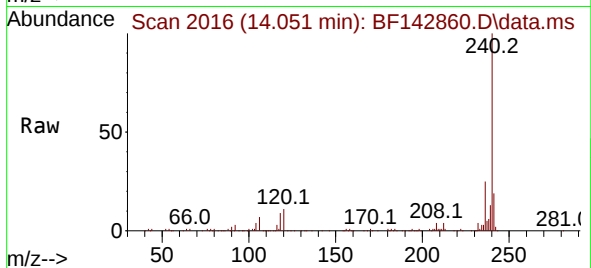
Tgt Ion:240 Resp: 216050

Ion Ratio Lower Upper

240 100

120 10.5 8.2 12.2

236 24.9 19.8 29.8



#79

Terphenyl-d14

Concen: 70.479 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF142860.D

Acq: 26 Jun 2025 11:07

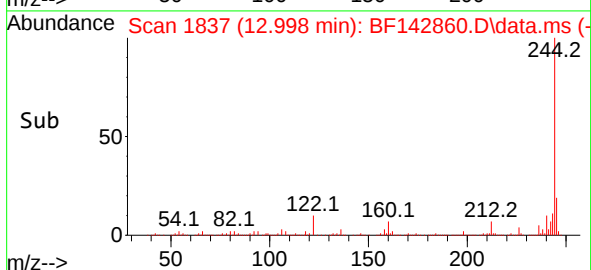
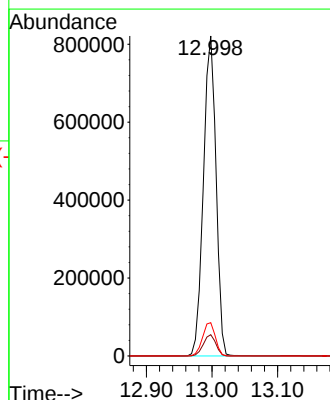
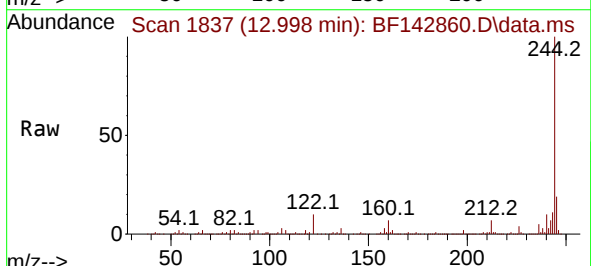
Tgt Ion:244 Resp: 1102042

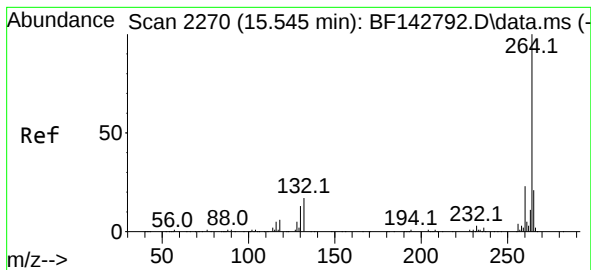
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

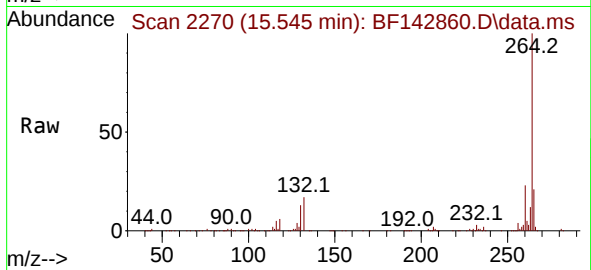
122 10.4 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142860.D
Acq: 26 Jun 2025 11:07

Instrument :
BNA_F
ClientSampleId :
PB168614BL



Tgt Ion:264 Resp: 169865

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.1	27.1
265	21.1	16.6	25.0

