

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142883.D
 Acq On : 27 Jun 2025 10:20
 Operator : RC/JU
 Sample : PB168571TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168571TB

Quant Time: Jun 27 11:47:03 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)

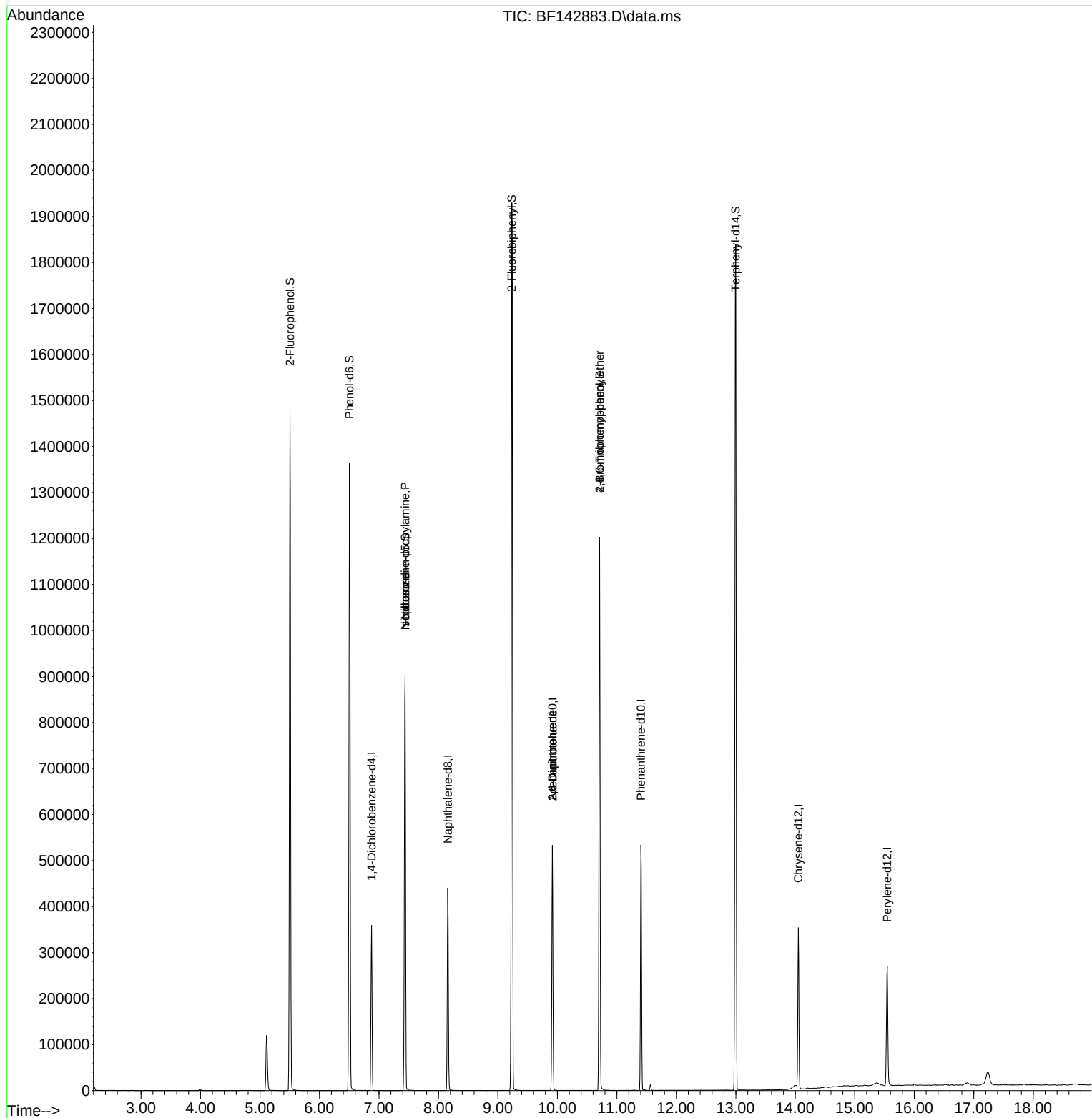
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	77815	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	299629	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	163854	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	285501	20.000	ng	0.00
76) Chrysene-d12	14.051	240	173222	20.000	ng	0.00
86) Perylene-d12	15.545	264	159728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	578642	123.806	ng	0.01
7) Phenol-d6	6.504	99	676397	122.666	ng	0.00
23) Nitrobenzene-d5	7.439	82	430688	78.843	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	215134	127.587	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	944737	75.743	ng	-0.01
79) Terphenyl-d14	12.998	244	942932	75.213	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	57484	17.924	ng	# 75
25) Isophorone	7.439	82	430455	49.122	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	20720	8.896	ng	# 26
57) 2,4-Dinitrotoluene	9.916	165	20720	6.697	ng	# 27
67) 4-Bromophenyl-phenylether	10.710	248	13996	4.307	ng	# 1

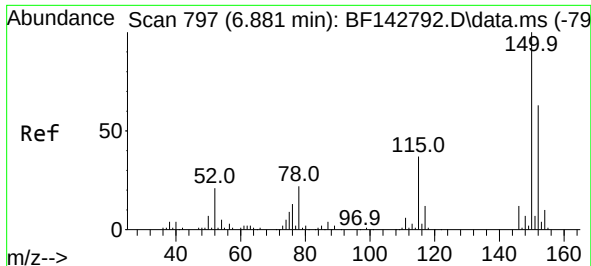
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
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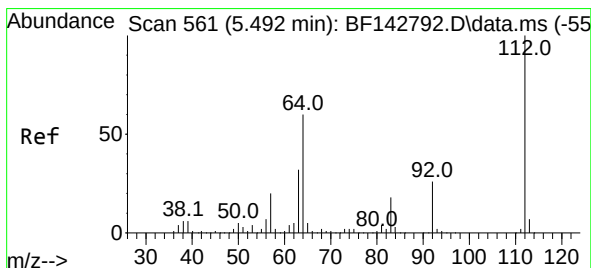
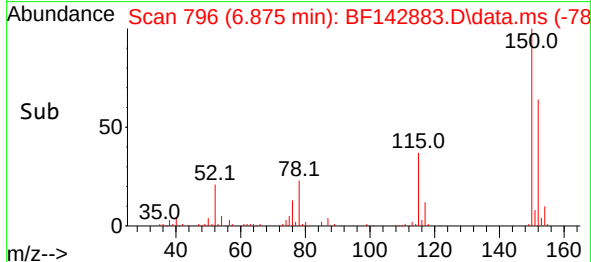
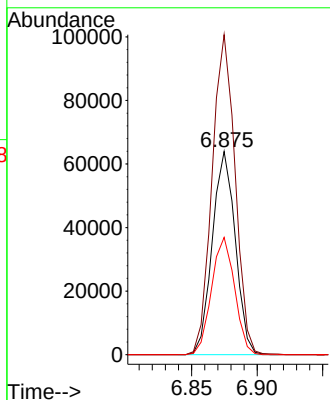
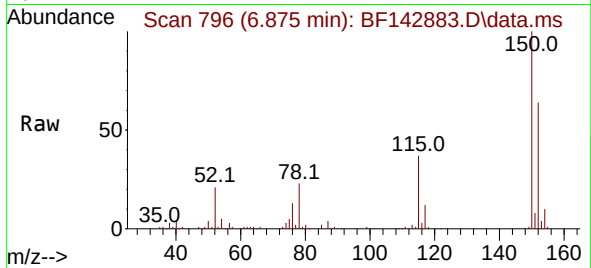




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142883.D
Acq: 27 Jun 2025 10:20

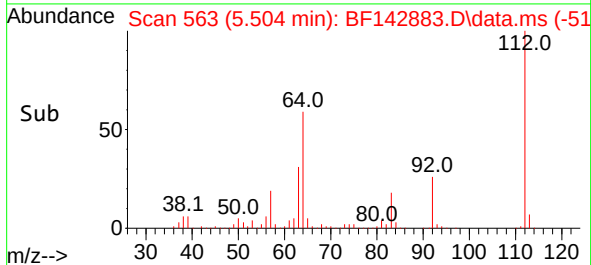
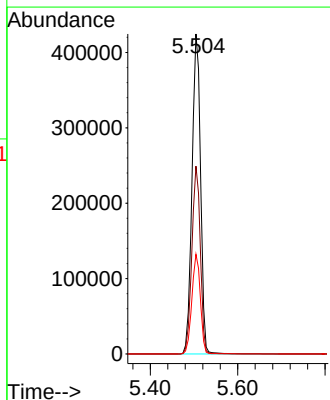
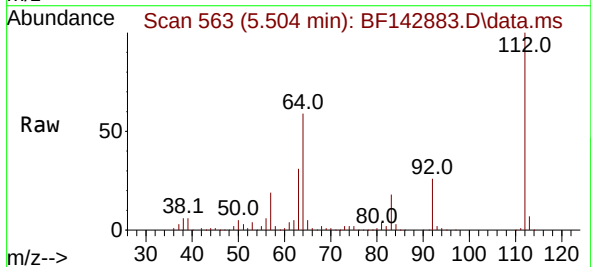
Instrument :
BNA_F
ClientSampleId :
PB168571TB

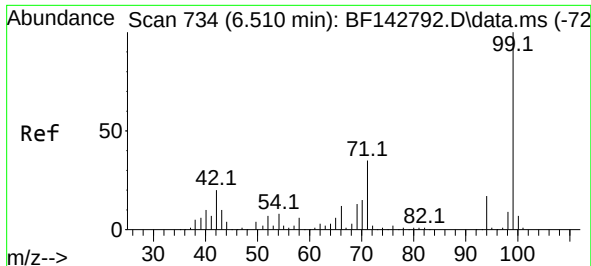
Tgt Ion:152 Resp: 77815
Ion Ratio Lower Upper
152 100
150 157.5 127.2 190.8
115 57.7 46.6 69.8



#5
2-Fluorophenol
Concen: 123.806 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF142883.D
Acq: 27 Jun 2025 10:20

Tgt Ion:112 Resp: 578642
Ion Ratio Lower Upper
112 100
64 58.7 48.2 72.2
63 31.2 25.7 38.5

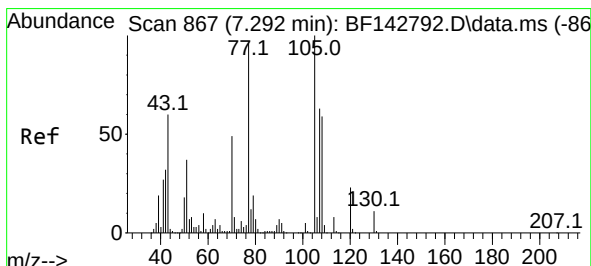
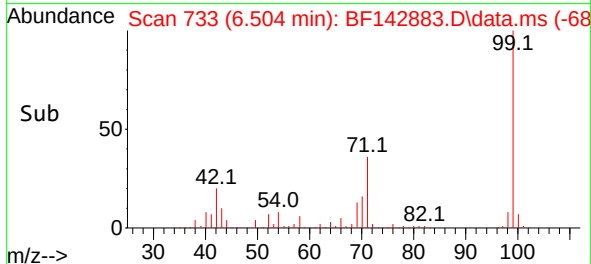
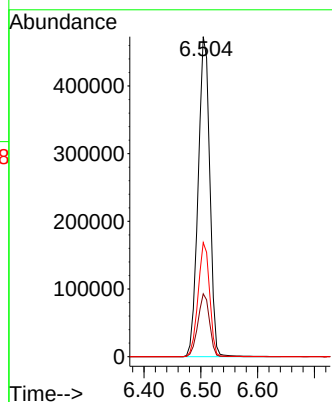
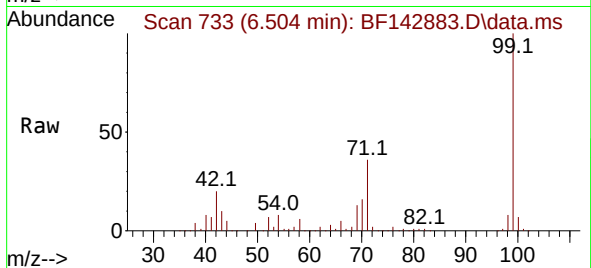




#7
Phenol-d6
Concen: 122.666 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142883.D
Acq: 27 Jun 2025 10:20

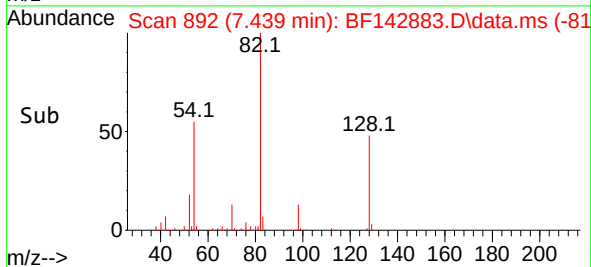
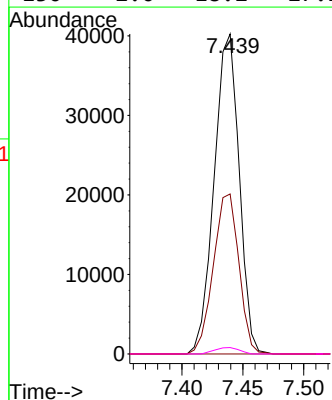
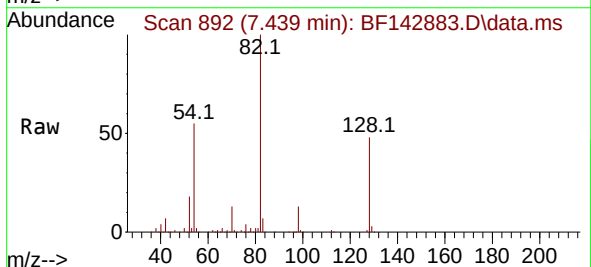
Instrument :
BNA_F
ClientSampleId :
PB168571TB

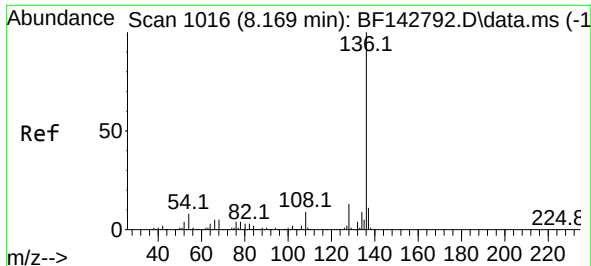
Tgt Ion: 99 Resp: 676397
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 35.6 27.8 41.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.924 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.147 min
Lab File: BF142883.D
Acq: 27 Jun 2025 10:20

Tgt Ion: 70 Resp: 57484
Ion Ratio Lower Upper
70 100
42 50.0 52.1 78.1#
101 0.0 8.2 12.2#
130 2.0 18.2 27.2#

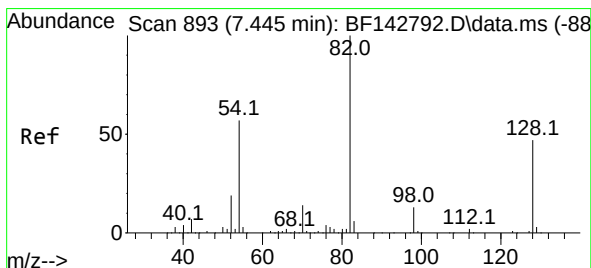
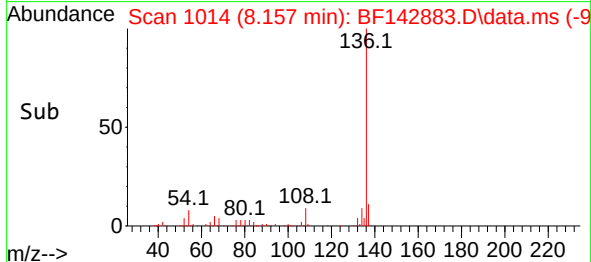
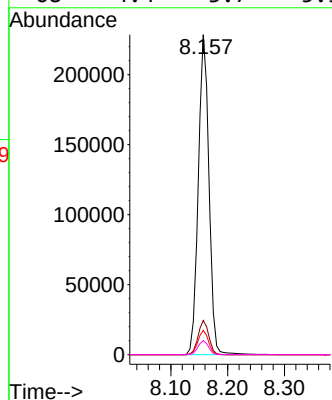
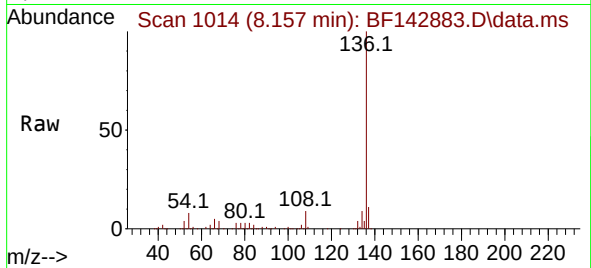




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142883.D
Acq: 27 Jun 2025 10:20

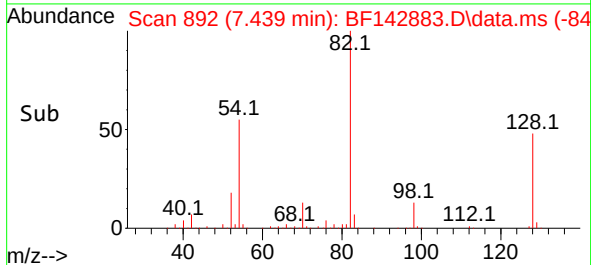
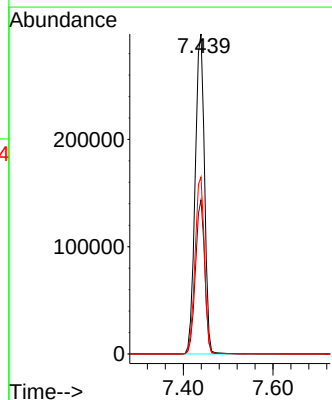
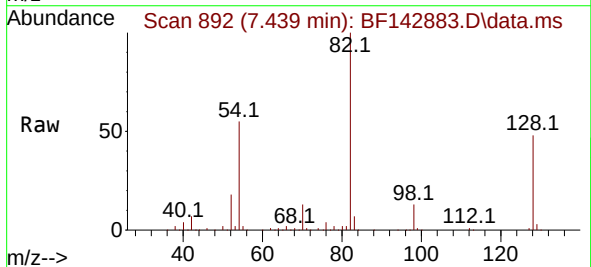
Instrument :
BNA_F
ClientSampleId :
PB168571TB

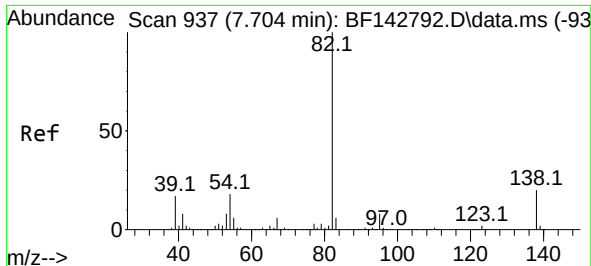
Tgt Ion:136 Resp: 299629
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.6 6.3 9.5
68 4.4 3.7 5.5



#23
Nitrobenzene-d5
Concen: 78.843 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF142883.D
Acq: 27 Jun 2025 10:20

Tgt Ion: 82 Resp: 430688
Ion Ratio Lower Upper
82 100
128 48.2 37.7 56.5
54 55.3 45.7 68.5

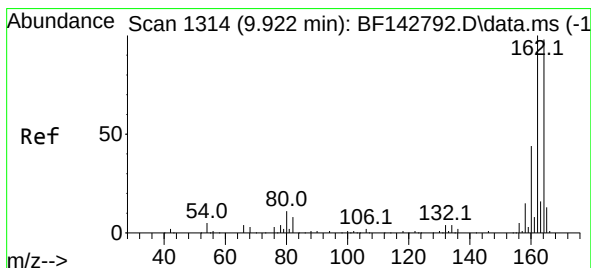
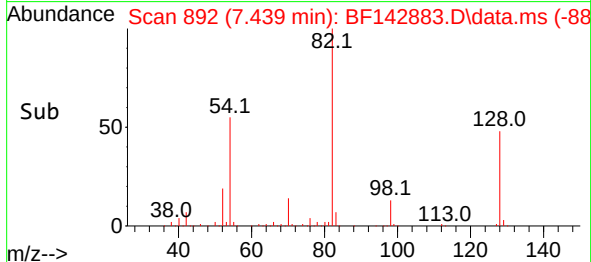
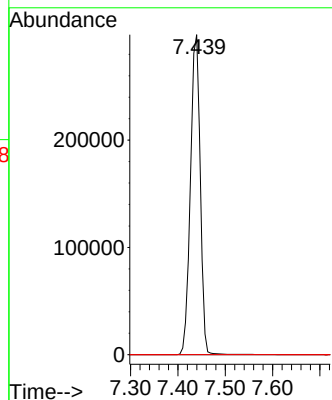
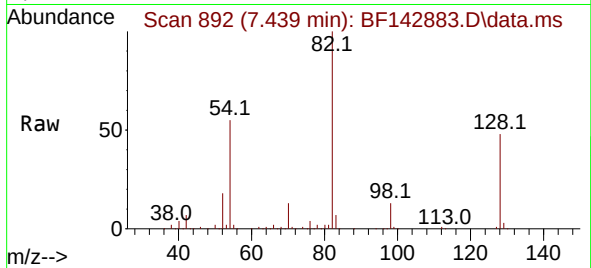




#25
Isophorone
Concen: 49.122 ng
RT: 7.439 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF142883.D
Acq: 27 Jun 2025 10:20

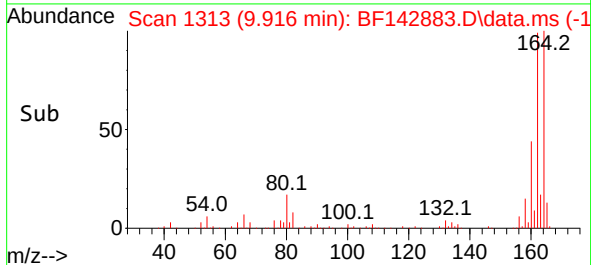
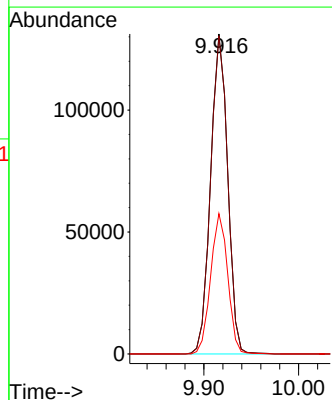
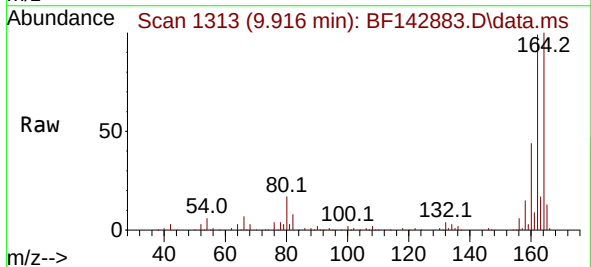
Instrument :
BNA_F
ClientSampleId :
PB168571TB

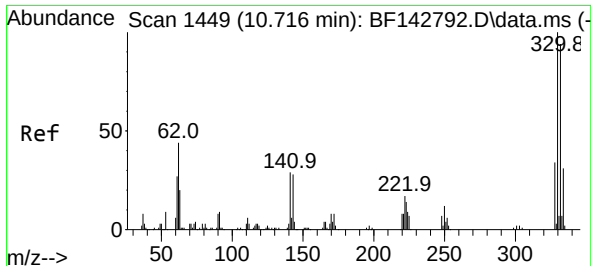
Tgt Ion: 82 Resp: 430455
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 16.2 24.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF142883.D
Acq: 27 Jun 2025 10:20

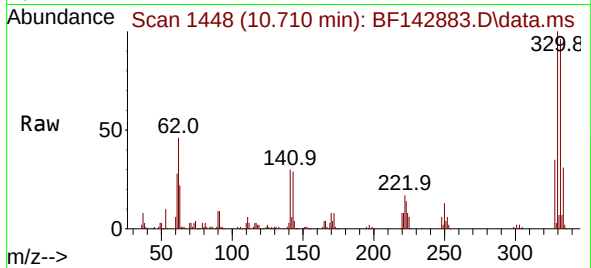
Tgt Ion:164 Resp: 163854
Ion Ratio Lower Upper
164 100
162 99.5 81.8 122.8
160 43.8 36.0 54.0



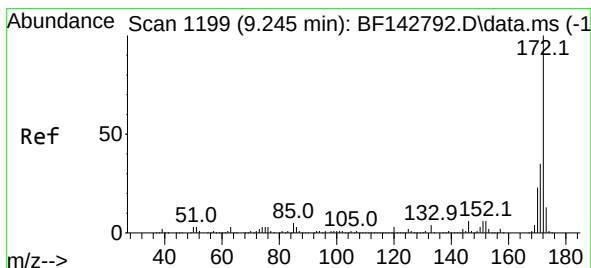
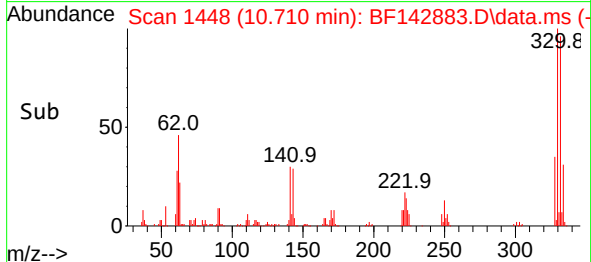
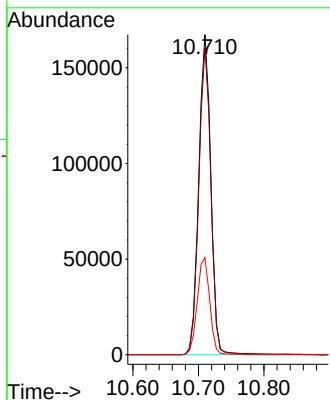


#42
2,4,6-Tribromophenol
Concen: 127.587 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142883.D
Acq: 27 Jun 2025 10:20

Instrument :
BNA_F
ClientSampleId :
PB168571TB

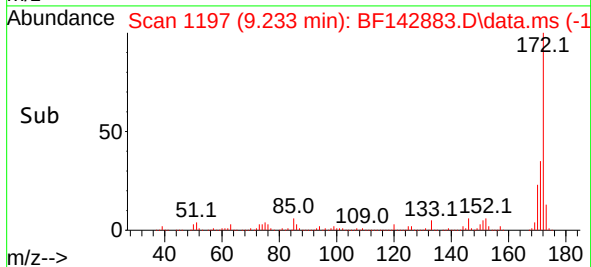
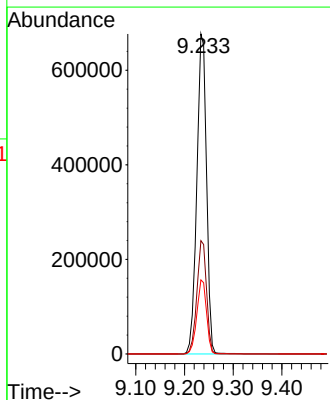
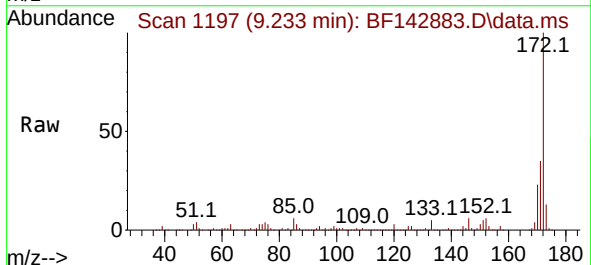


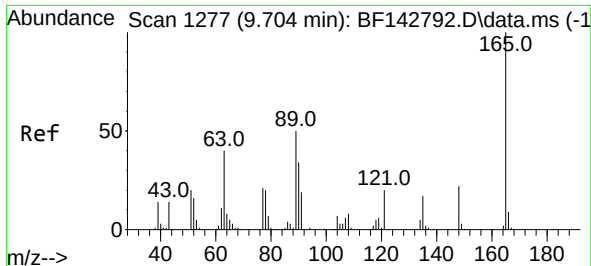
Tgt Ion:330 Resp: 215134
Ion Ratio Lower Upper
330 100
332 95.8 75.0 112.6
141 31.3 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 75.743 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF142883.D
Acq: 27 Jun 2025 10:20

Tgt Ion:172 Resp: 944737
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.1 18.5 27.7





#51

2,6-Dinitrotoluene

Concen: 8.896 ng

RT: 9.916 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF142883.D

Acq: 27 Jun 2025 10:20

Instrument :

BNA_F

ClientSampleId :

PB168571TB

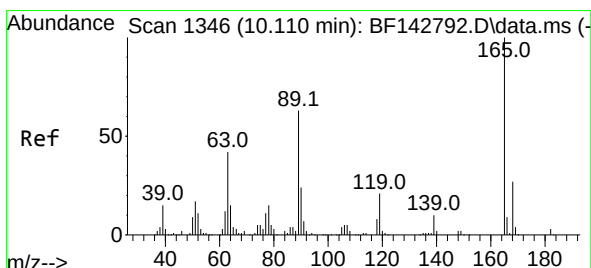
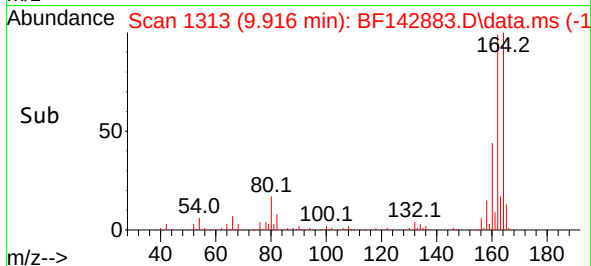
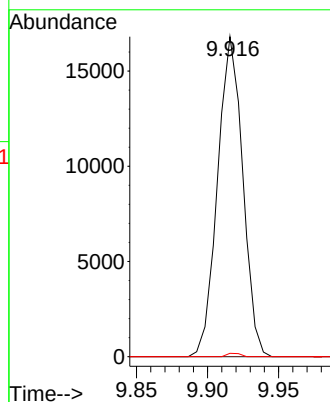
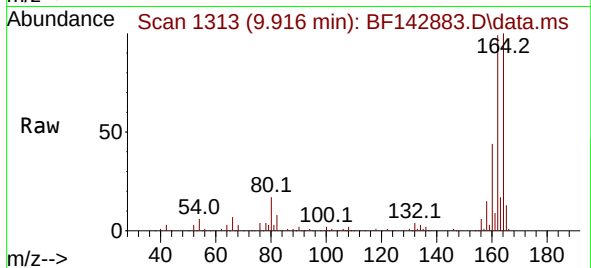
Tgt Ion:165 Resp: 20720

Ion Ratio Lower Upper

165 100

63 0.0 44.2 66.4#

89 1.1 39.8 59.8#



#57

2,4-Dinitrotoluene

Concen: 6.697 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.194 min

Lab File: BF142883.D

Acq: 27 Jun 2025 10:20

Tgt Ion:165 Resp: 20720

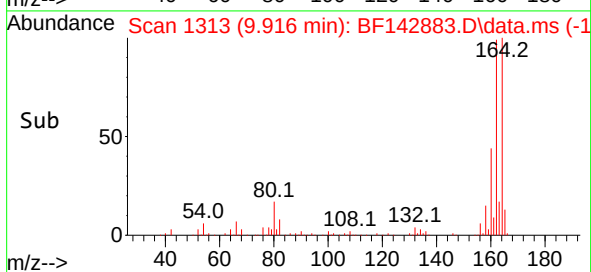
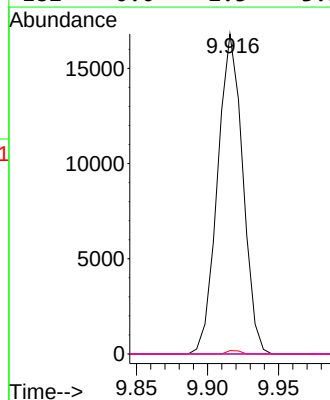
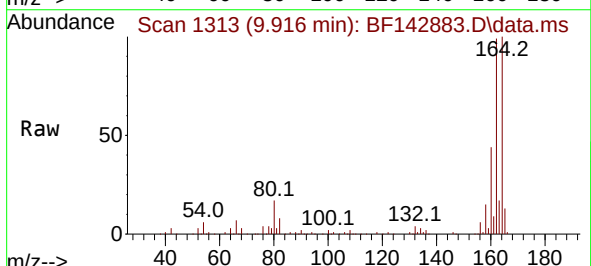
Ion Ratio Lower Upper

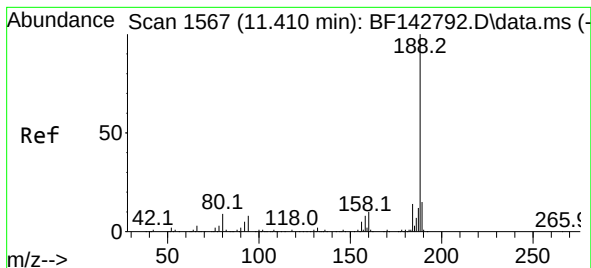
165 100

63 0.0 33.9 50.9#

89 1.1 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: BF142883.D

Acq: 27 Jun 2025 10:20

Instrument :

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ClientSampleId :

PB168571TB

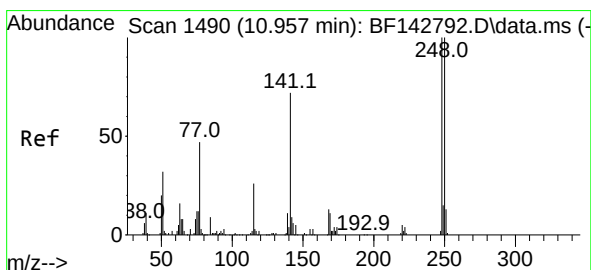
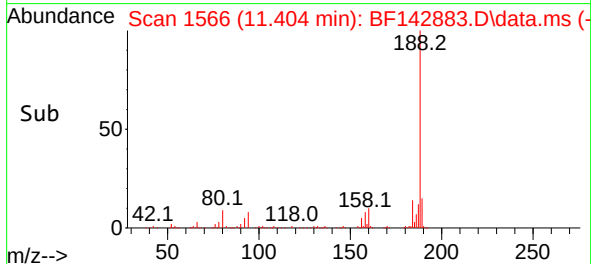
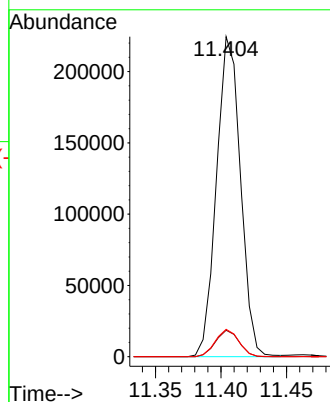
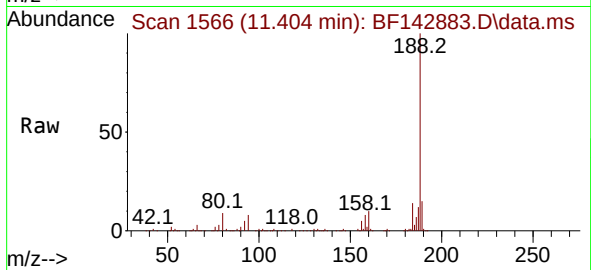
Tgt Ion:188 Resp: 285501

Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

80 8.6 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.307 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.247 min

Lab File: BF142883.D

Acq: 27 Jun 2025 10:20

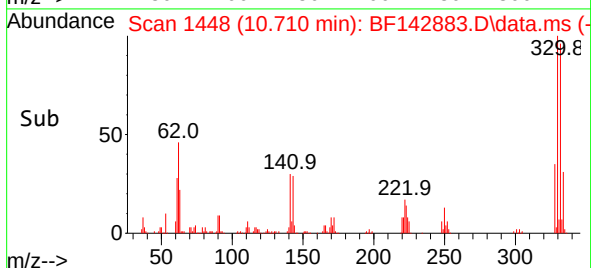
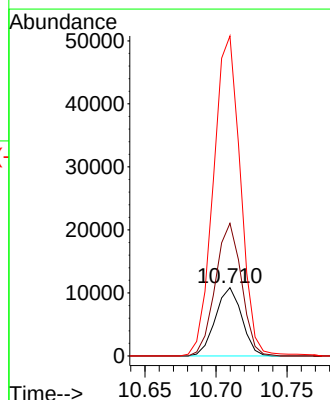
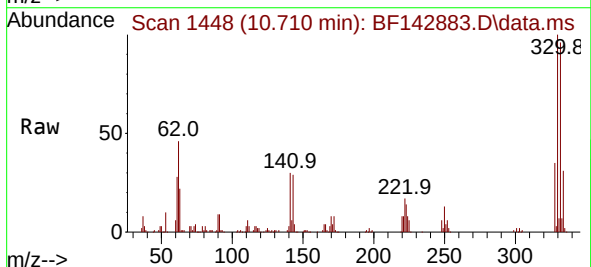
Tgt Ion:248 Resp: 13996

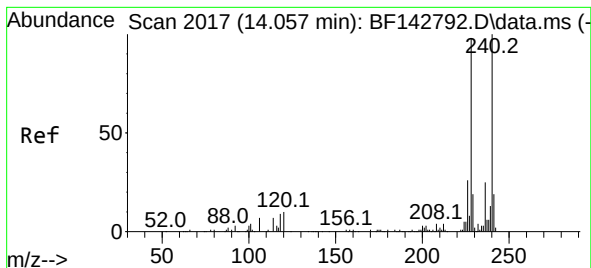
Ion Ratio Lower Upper

248 100

250 194.0 79.8 119.8#

141 467.9 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: BF142883.D

Acq: 27 Jun 2025 10:20

Instrument :

BNA_F

ClientSampleId :

PB168571TB

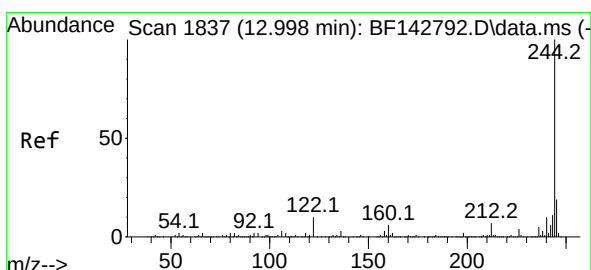
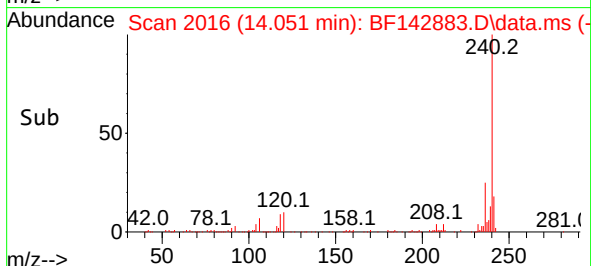
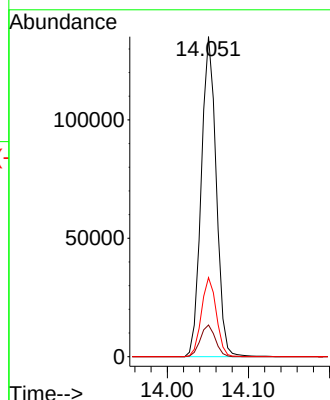
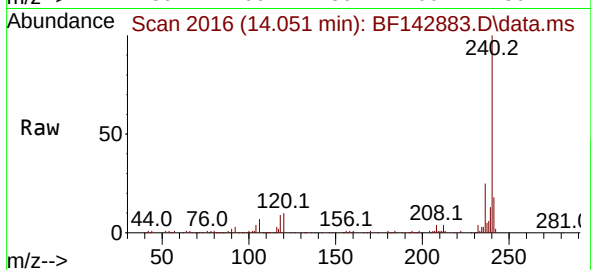
Tgt Ion:240 Resp: 173222

Ion Ratio Lower Upper

240 100

120 9.9 8.2 12.2

236 24.7 19.8 29.8



#79

Terphenyl-d14

Concen: 75.213 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF142883.D

Acq: 27 Jun 2025 10:20

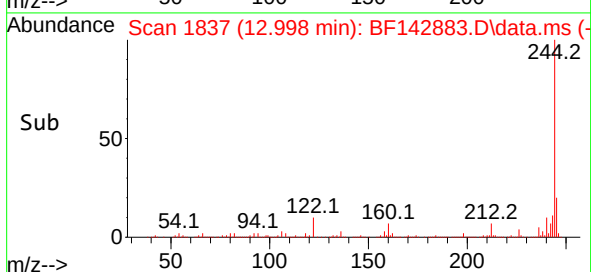
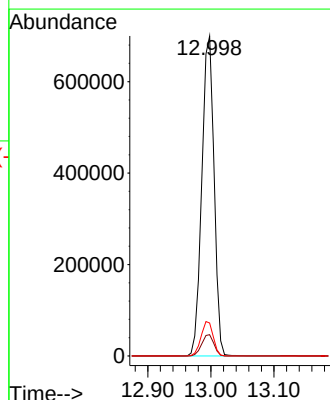
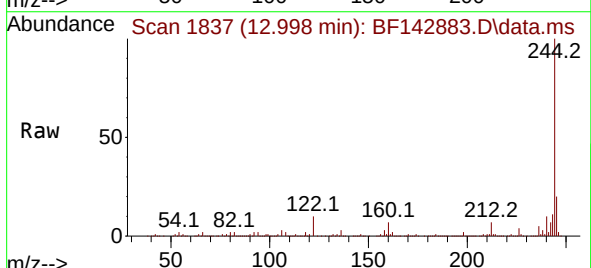
Tgt Ion:244 Resp: 942932

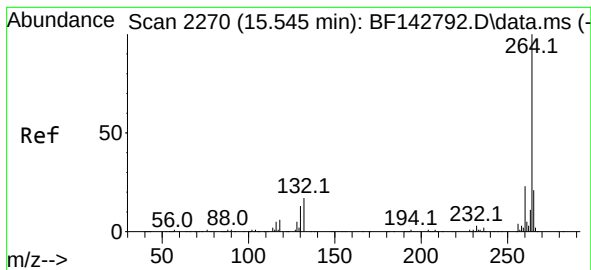
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 10.3 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: BF142883.D
 Acq: 27 Jun 2025 10:20

Instrument :
 BNA_F
 ClientSampleId :
 PB168571TB

Tgt Ion:264 Resp: 159728
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.1 27.1
 265 21.6 16.6 25.0

