

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
 Data File : BF142908.D
 Acq On : 30 Jun 2025 10:13
 Operator : RC/JU
 Sample : PB168560BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168560BL

Quant Time: Jun 30 11:36:45 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)

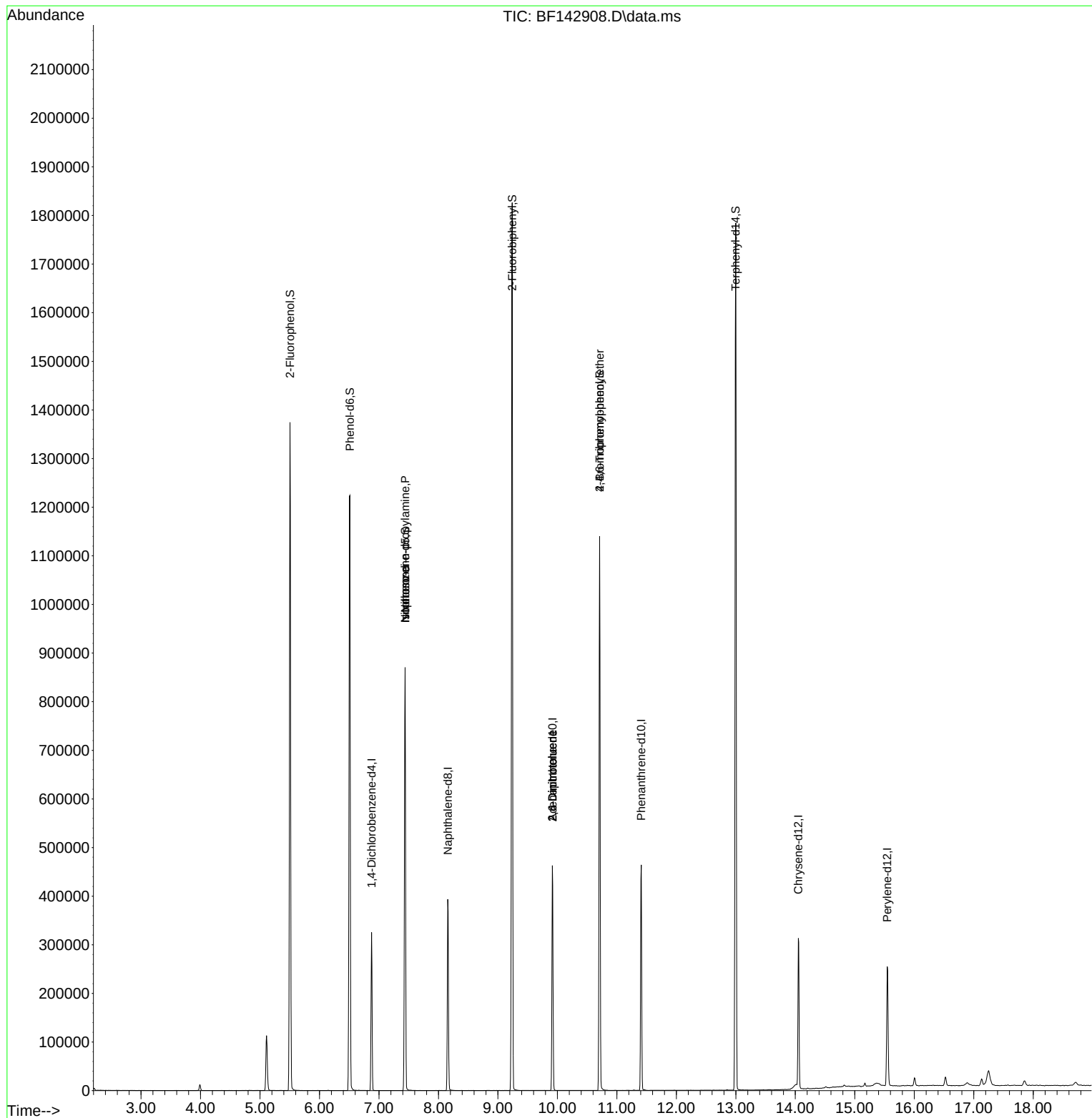
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69575	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	268176	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	144702	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	251183	20.000	ng	0.00
76) Chrysene-d12	14.051	240	158180	20.000	ng	0.00
86) Perylene-d12	15.545	264	148614	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	540594	129.364	ng	0.01
7) Phenol-d6	6.510	99	627764	127.329	ng	0.00
23) Nitrobenzene-d5	7.439	82	398769	81.561	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	201655	135.422	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	874735	79.413	ng	0.00
79) Terphenyl-d14	12.998	244	885372	77.337	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	54550	19.024	ng	# 74
25) Isophorone	7.439	82	396669	50.576	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	17866	8.685	ng	# 26
57) 2,4-Dinitrotoluene	9.916	165	17866	6.539	ng	# 27
67) 4-Bromophenyl-phenylether	10.710	248	13003	4.549	ng	# 1

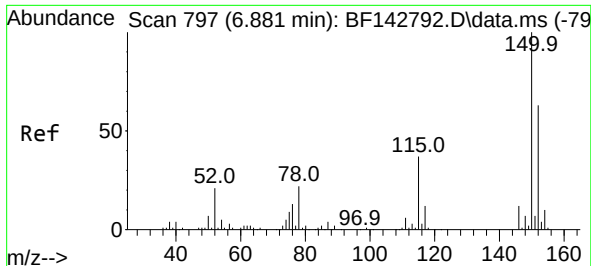
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
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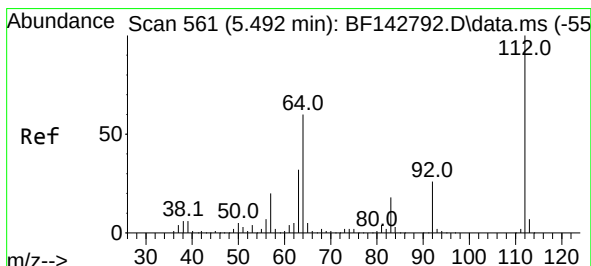
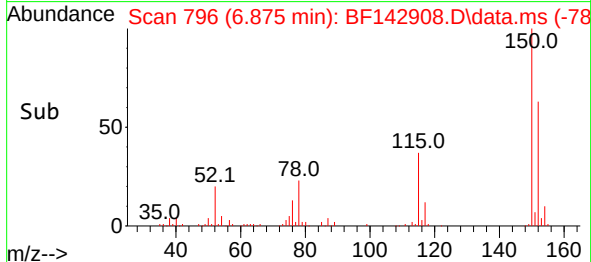
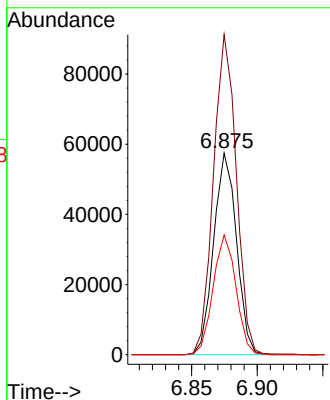
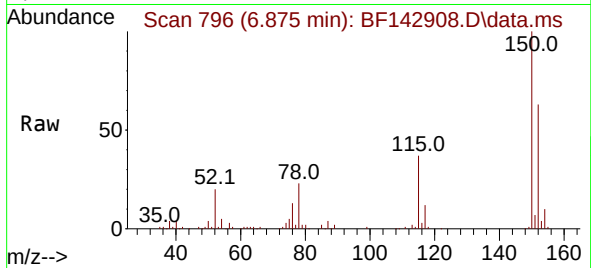




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142908.D
Acq: 30 Jun 2025 10:13

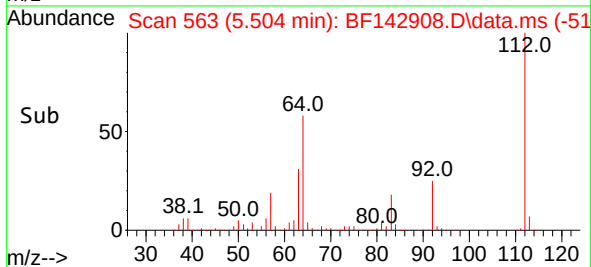
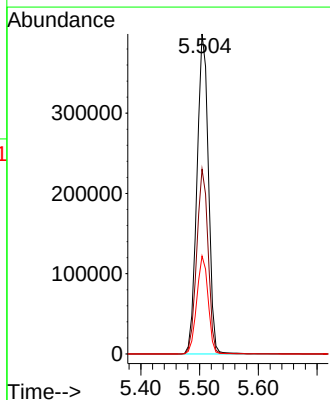
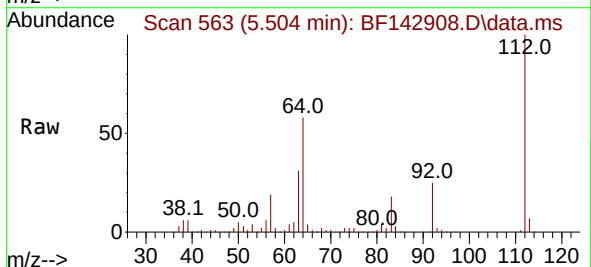
Instrument :
BNA_F
ClientSampleId :
PB168560BL

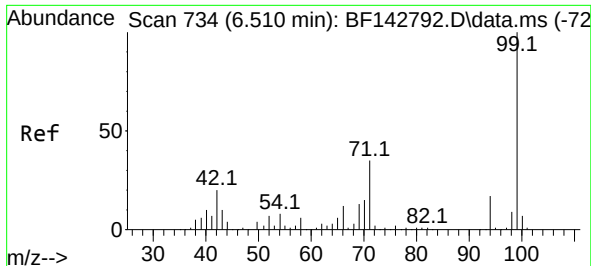
Tgt Ion:152 Resp: 69575
Ion Ratio Lower Upper
152 100
150 158.8 127.2 190.8
115 59.4 46.6 69.8



#5
2-Fluorophenol
Concen: 129.364 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF142908.D
Acq: 30 Jun 2025 10:13

Tgt Ion:112 Resp: 540594
Ion Ratio Lower Upper
112 100
64 57.8 48.2 72.2
63 30.6 25.7 38.5

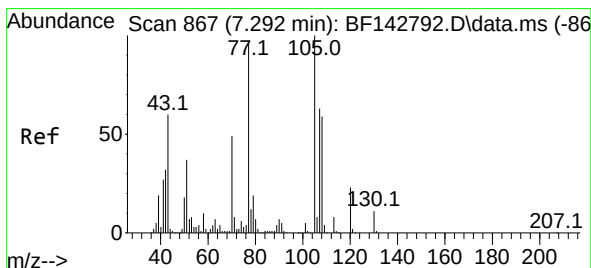
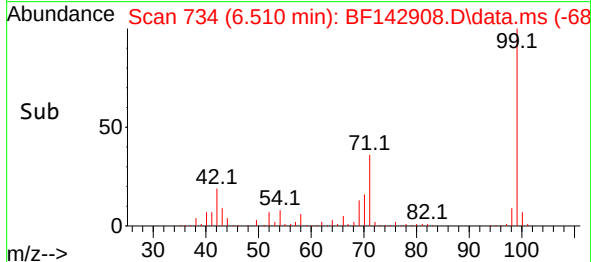
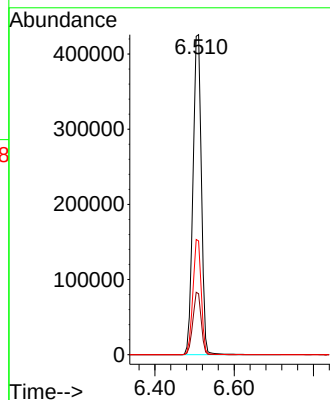
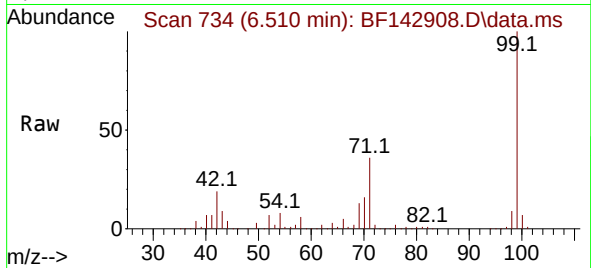




#7
Phenol-d6
Concen: 127.329 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142908.D
Acq: 30 Jun 2025 10:13

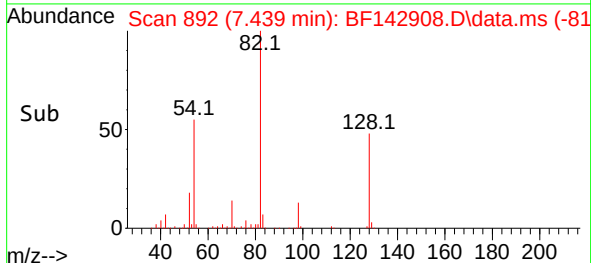
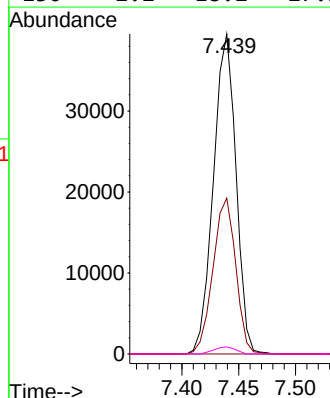
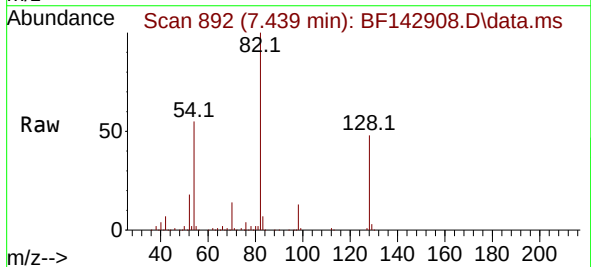
Instrument :
BNA_F
ClientSampleId :
PB168560BL

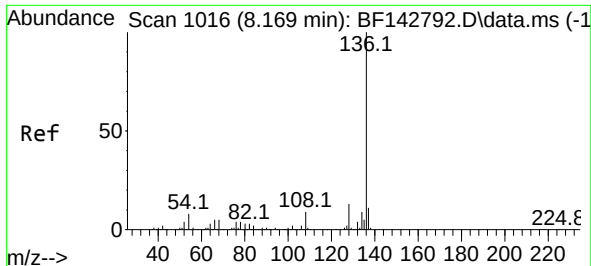
Tgt Ion: 99 Resp: 627764
Ion Ratio Lower Upper
99 100
42 19.1 15.9 23.9
71 35.5 27.8 41.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.024 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.147 min
Lab File: BF142908.D
Acq: 30 Jun 2025 10:13

Tgt Ion: 70 Resp: 54550
Ion Ratio Lower Upper
70 100
42 48.7 52.1 78.1#
101 0.0 8.2 12.2#
130 2.2 18.2 27.2#



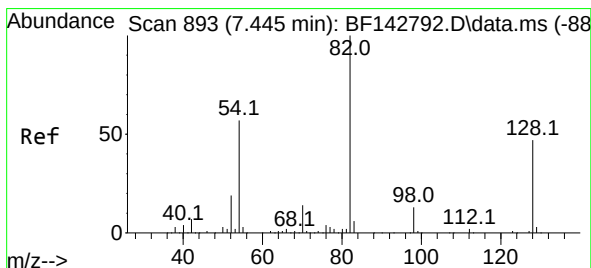
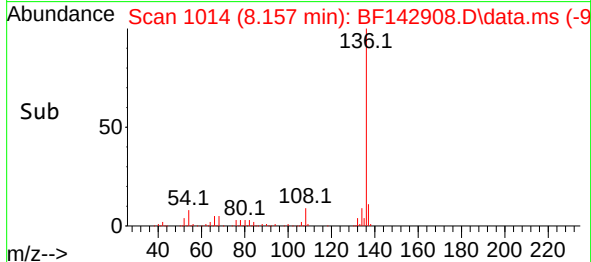
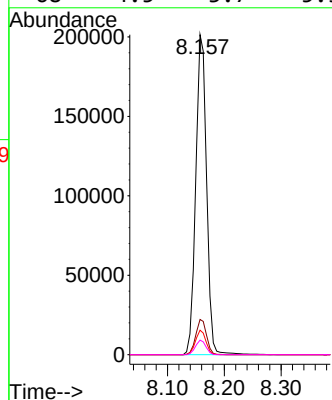
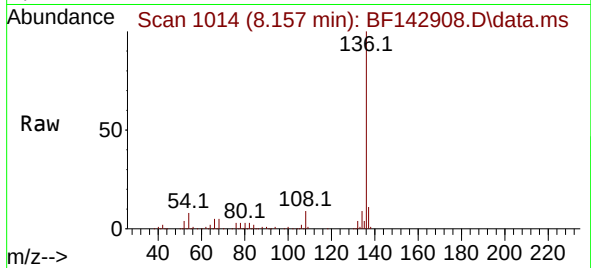


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142908.D
Acq: 30 Jun 2025 10:13

Instrument :
BNA_F
ClientSampleId :
PB168560BL

Tgt Ion:136 Resp: 268176

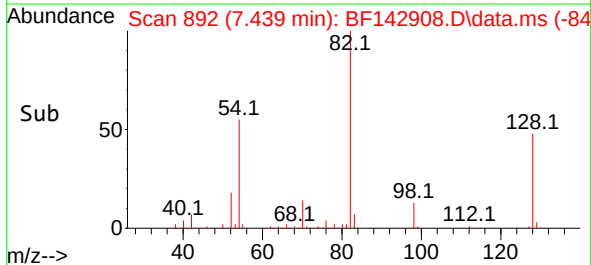
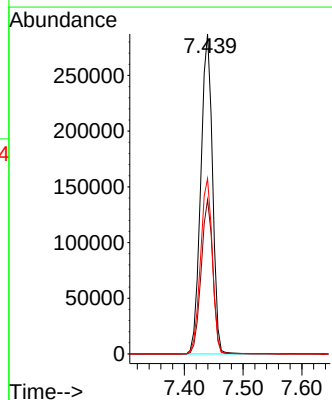
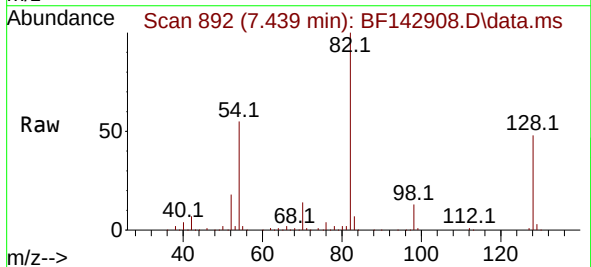
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	7.7	6.3	9.5
68	4.5	3.7	5.5

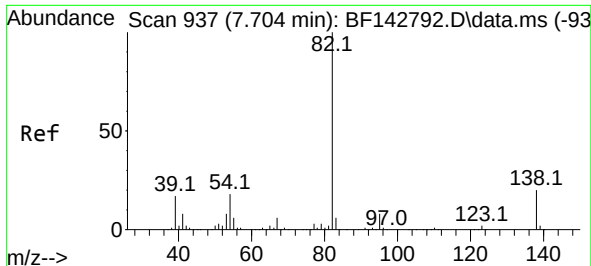


#23
Nitrobenzene-d5
Concen: 81.561 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF142908.D
Acq: 30 Jun 2025 10:13

Tgt Ion: 82 Resp: 398769

Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.7	56.5
54	54.8	45.7	68.5

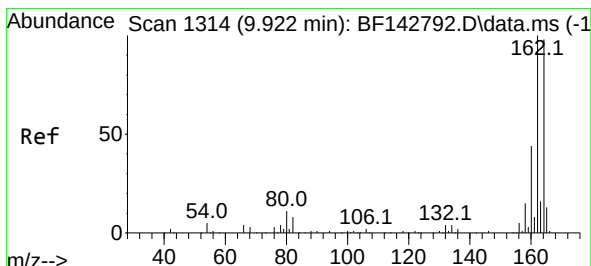
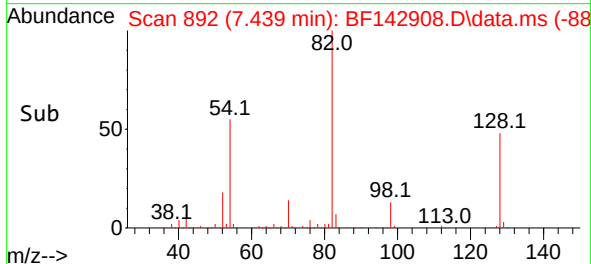
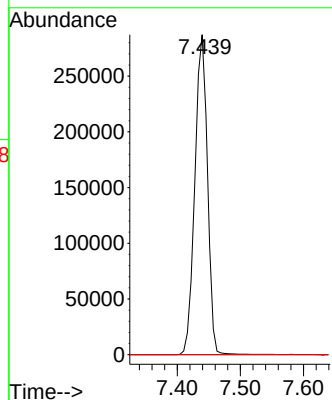
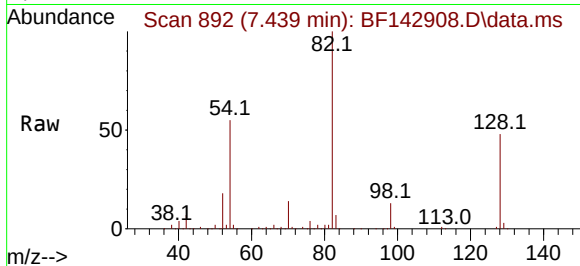




#25
Isophorone
Concen: 50.576 ng
RT: 7.439 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF142908.D
Acq: 30 Jun 2025 10:13

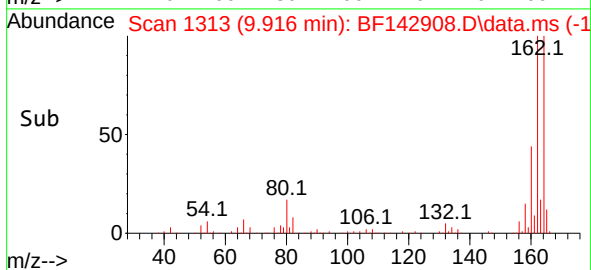
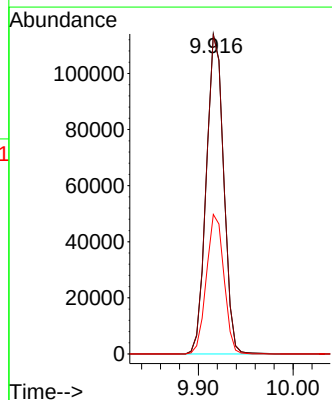
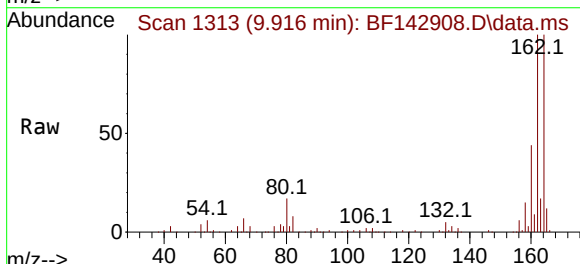
Instrument :
BNA_F
ClientSampleId :
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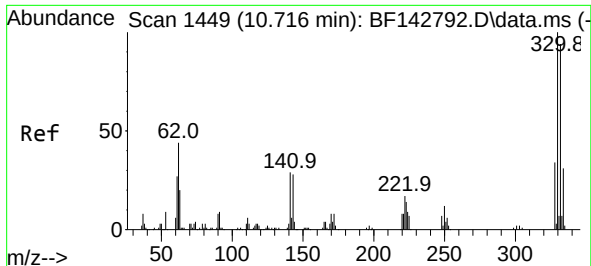
Tgt Ion: 82 Resp: 396669
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 16.2 24.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF142908.D
Acq: 30 Jun 2025 10:13

Tgt Ion:164 Resp: 144702
Ion Ratio Lower Upper
164 100
162 99.6 81.8 122.8
160 43.6 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 135.422 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF142908.D

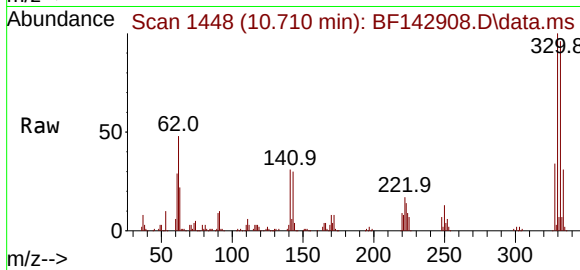
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Instrument :

BNA_F

ClientSampleId :

PB168560BL



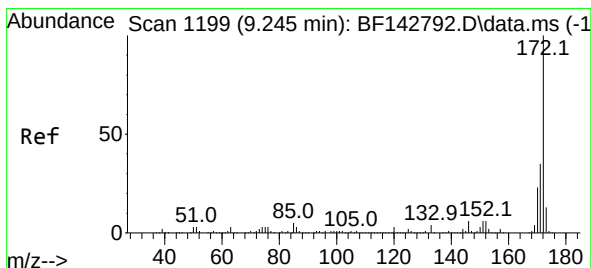
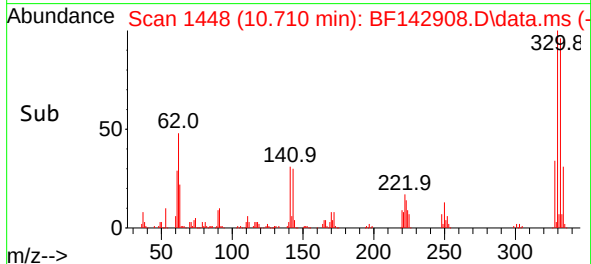
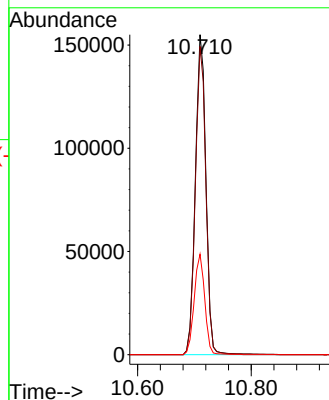
Tgt Ion:330 Resp: 201655

Ion Ratio Lower Upper

330 100

332 96.2 75.0 112.6

141 31.4 25.3 37.9



#45

2-Fluorobiphenyl

Concen: 79.413 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF142908.D

Acq: 30 Jun 2025 10:13

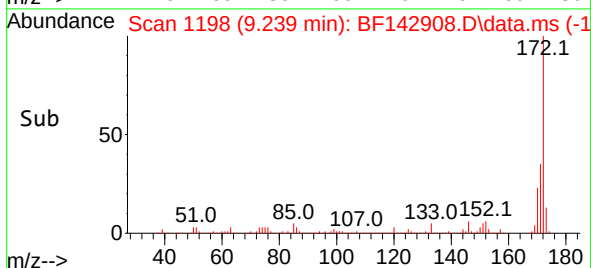
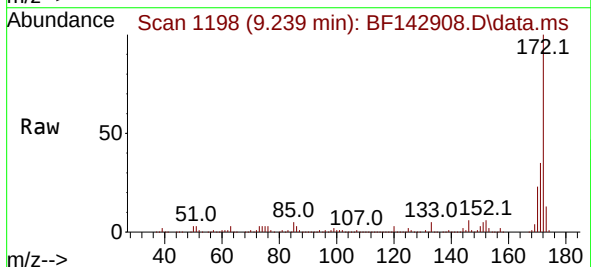
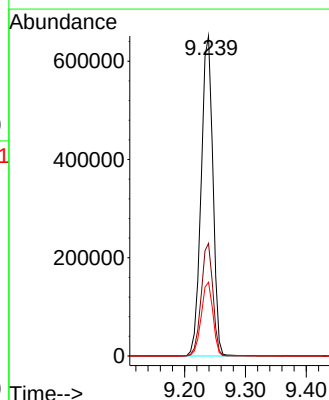
Tgt Ion:172 Resp: 874735

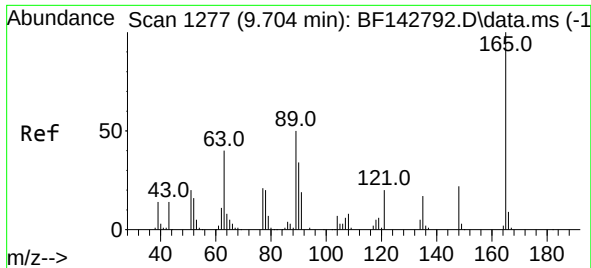
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.1 18.5 27.7

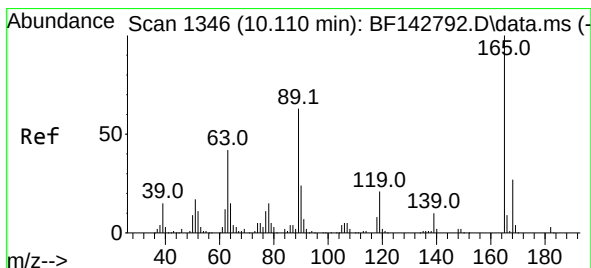
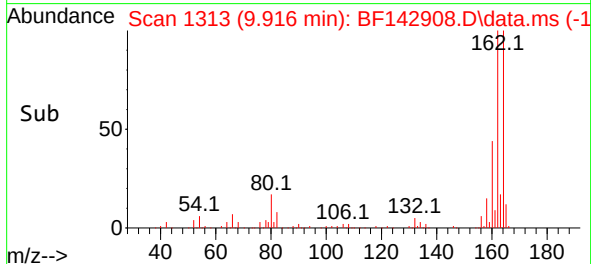
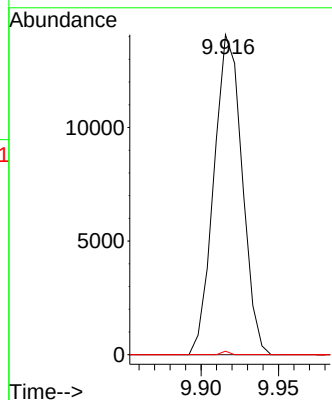
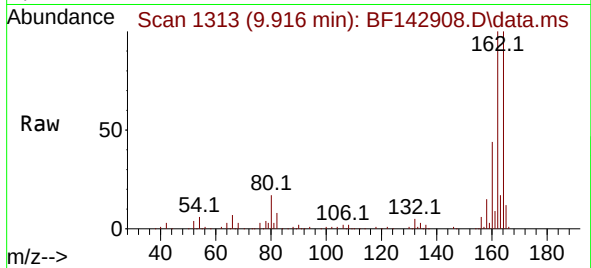




#51
2,6-Dinitrotoluene
Concen: 8.685 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF142908.D
Acq: 30 Jun 2025 10:13

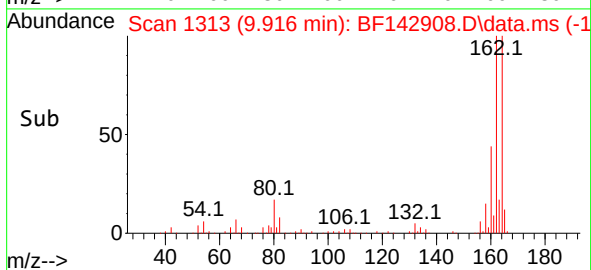
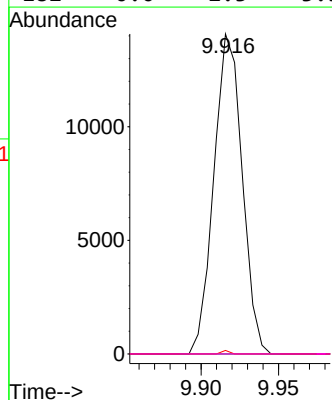
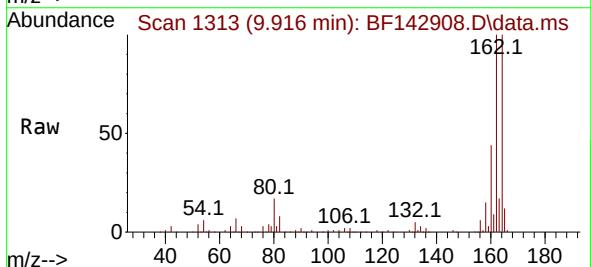
Instrument :
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PB168560BL

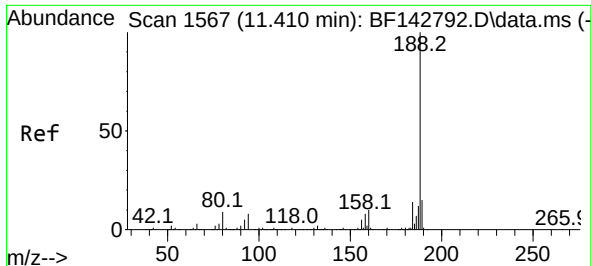
Tgt Ion:165 Resp: 17866
Ion Ratio Lower Upper
165 100
63 0.0 44.2 66.4#
89 1.1 39.8 59.8#



#57
2,4-Dinitrotoluene
Concen: 6.539 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF142908.D
Acq: 30 Jun 2025 10:13

Tgt Ion:165 Resp: 17866
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#

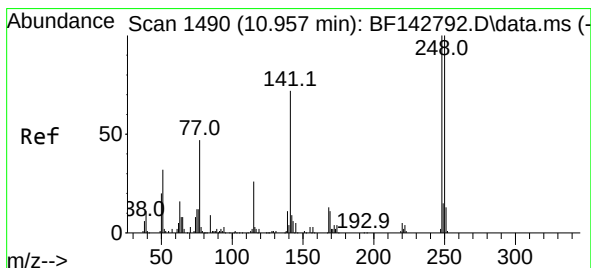
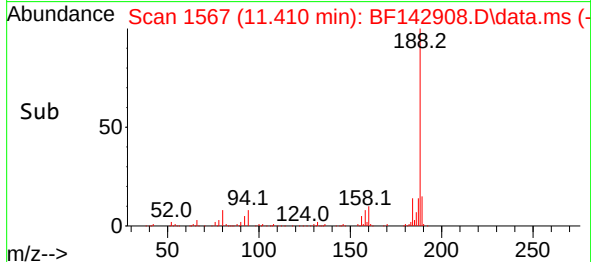
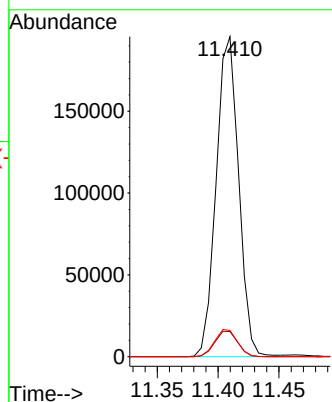
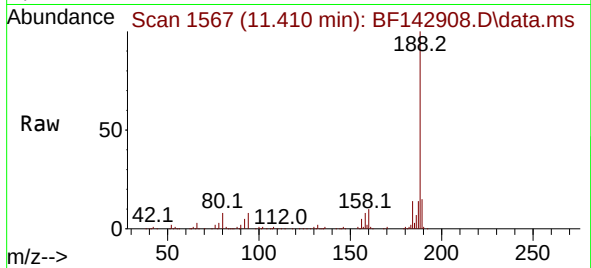




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142908.D
Acq: 30 Jun 2025 10:13

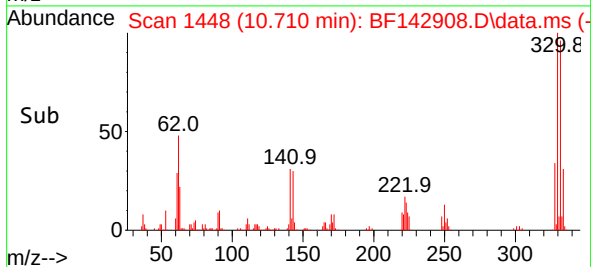
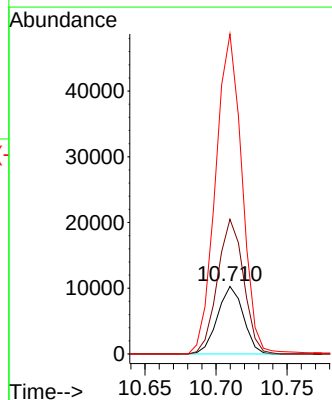
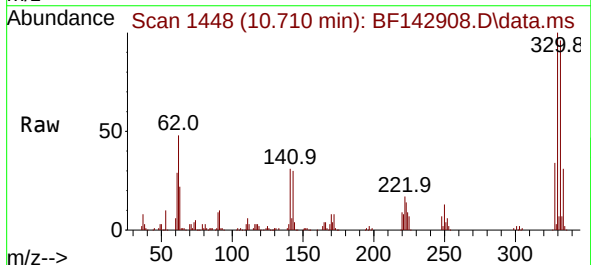
Instrument :
BNA_F
ClientSampleId :
PB168560BL

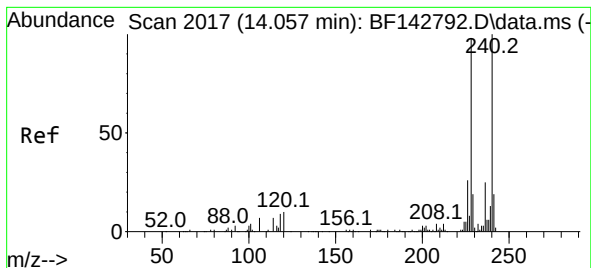
Tgt Ion:188 Resp: 251183
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.2 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 4.549 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.247 min
Lab File: BF142908.D
Acq: 30 Jun 2025 10:13

Tgt Ion:248 Resp: 13003
Ion Ratio Lower Upper
248 100
250 199.4 79.8 119.8#
141 473.6 57.8 86.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142908.D

Acq: 30 Jun 2025 10:13

Instrument :

BNA_F

ClientSampleId :

PB168560BL

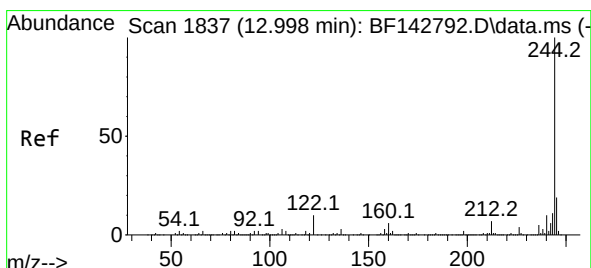
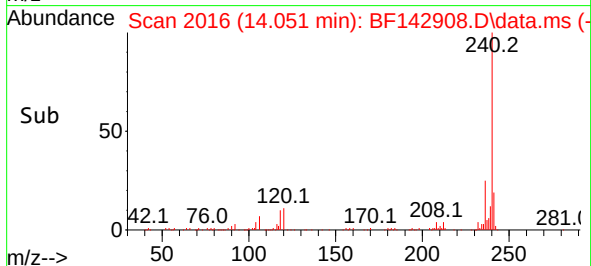
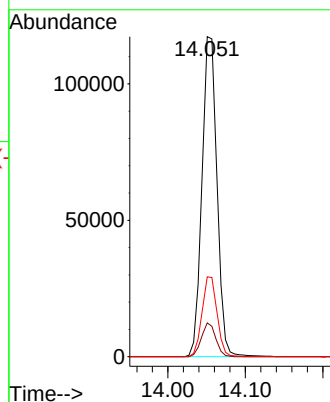
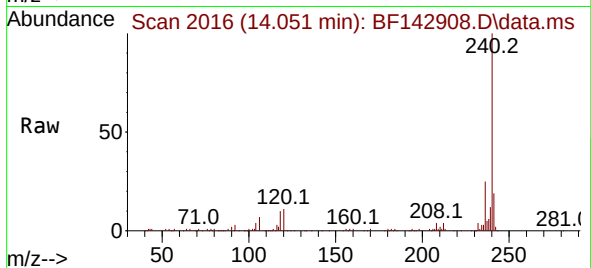
Tgt Ion:240 Resp: 158180

Ion Ratio Lower Upper

240 100

120 10.5 8.2 12.2

236 25.0 19.8 29.8



#79

Terphenyl-d14

Concen: 77.337 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF142908.D

Acq: 30 Jun 2025 10:13

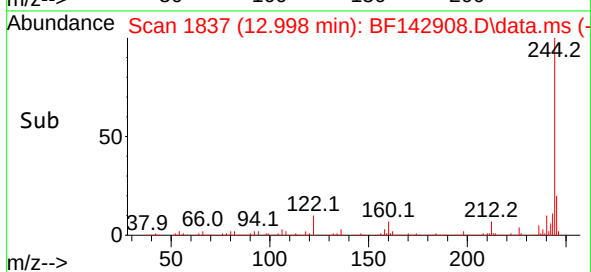
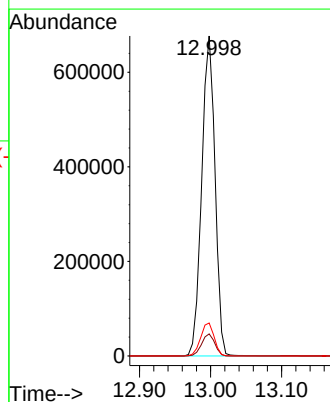
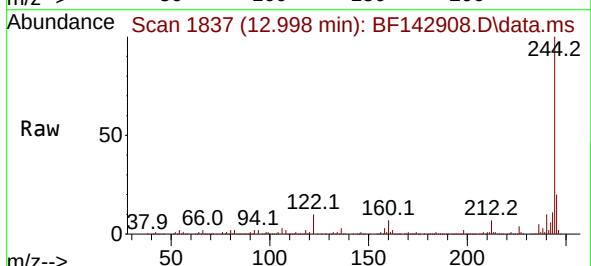
Tgt Ion:244 Resp: 885372

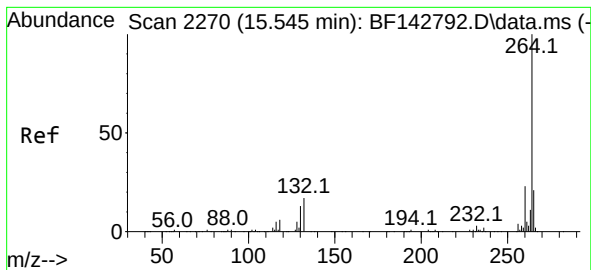
Ion Ratio Lower Upper

244 100

212 6.9 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: BF142908.D

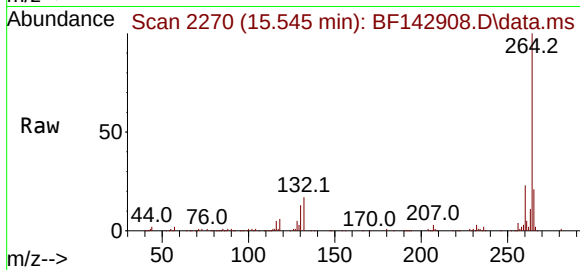
Acq: 30 Jun 2025 10:13

Instrument :

BNA_F

ClientSampleId :

PB168560BL



Tgt Ion:264 Resp: 148614

Ion Ratio Lower Upper

264 100

260 22.9 18.1 27.1

265 21.0 16.6 25.0

