

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142900.D
 Acq On : 27 Jun 2025 18:40
 Operator : RC/JU
 Sample : Q2416-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-G/H

Quant Time: Jun 27 22:40:18 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)

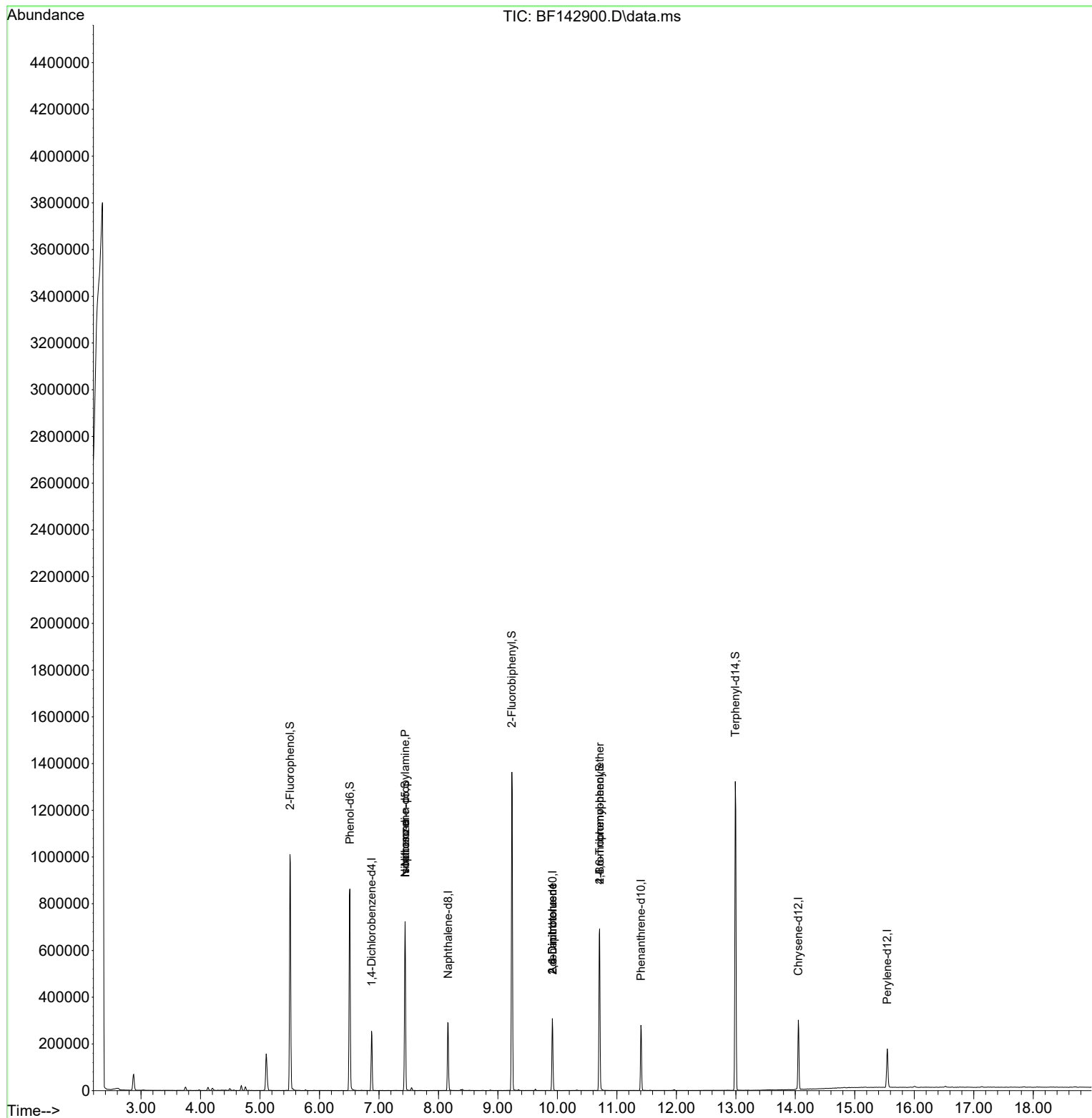
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	56824	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	198843	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	92473	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	149010	20.000	ng	0.00
76) Chrysene-d12	14.051	240	148562	20.000	ng	0.00
86) Perylene-d12	15.545	264	99679	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	396671	116.223	ng	0.01
7) Phenol-d6	6.510	99	411901	102.293	ng	0.00
23) Nitrobenzene-d5	7.439	82	307147	84.726	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	126830	133.279	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	621461	88.285	ng	-0.01
79) Terphenyl-d14	12.992	244	645610	60.045	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.439	70	40914	17.470	ng	# 77
25) Isophorone	7.439	82	304842	52.420	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	11766	8.951	ng	# 26
57) 2,4-Dinitrotoluene	9.916	165	11766	6.738	ng	# 26
67) 4-Bromophenyl-phenylether	10.710	248	7885	4.650	ng	# 1

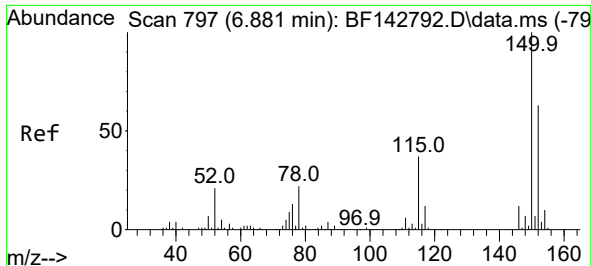
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142900.D
Acq On : 27 Jun 2025 18:40
Operator : RC/JU
Sample : Q2416-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-G/H

Quant Time: Jun 27 22:40:18 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

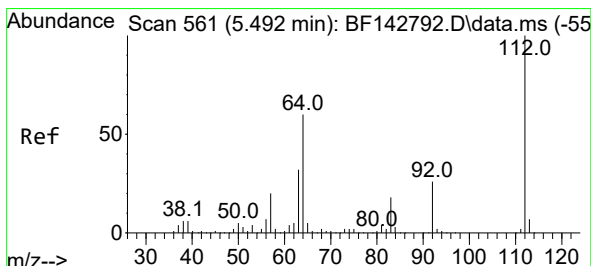
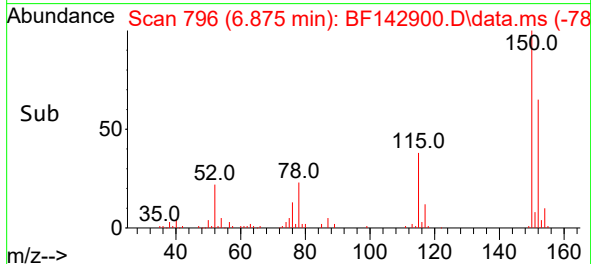
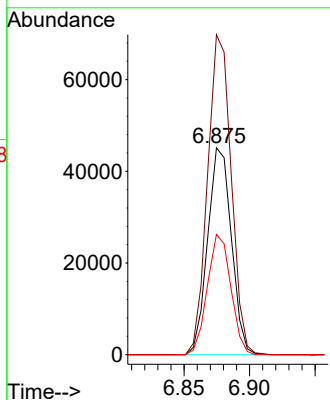
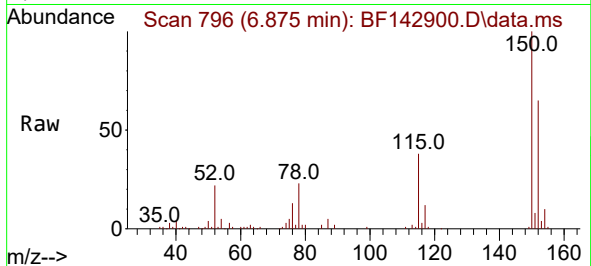




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142900.D
Acq: 27 Jun 2025 18:40

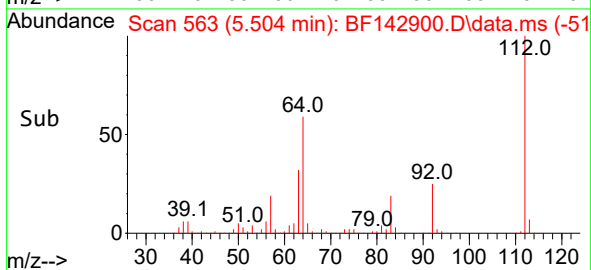
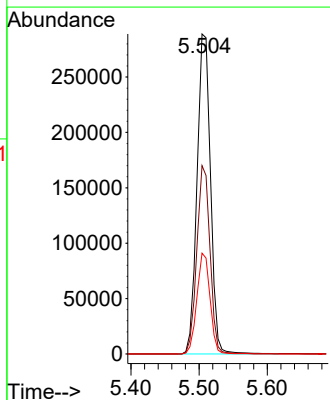
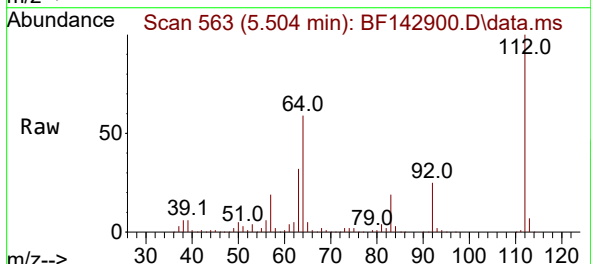
Instrument :
BNA_F
ClientSampleId :
MH-G/H

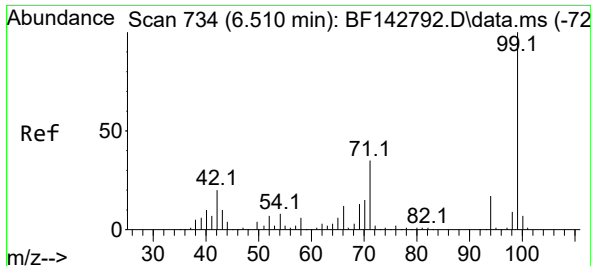
Tgt Ion:152 Resp: 56824
Ion Ratio Lower Upper
152 100
150 154.7 127.2 190.8
115 58.1 46.6 69.8



#5
2-Fluorophenol
Concen: 116.223 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF142900.D
Acq: 27 Jun 2025 18:40

Tgt Ion:112 Resp: 396671
Ion Ratio Lower Upper
112 100
64 58.8 48.2 72.2
63 31.5 25.7 38.5

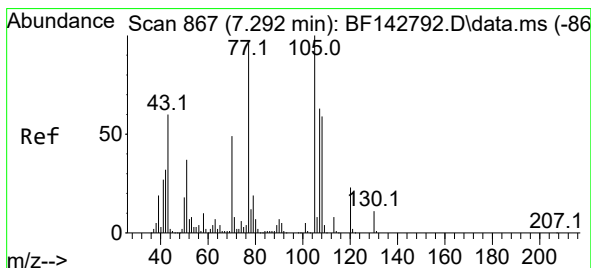
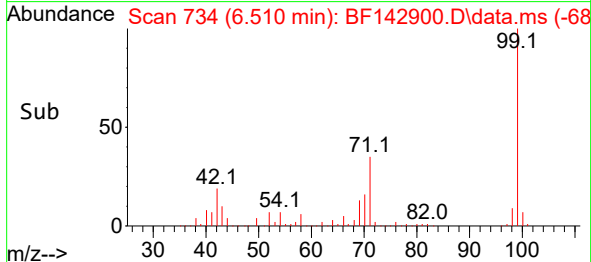
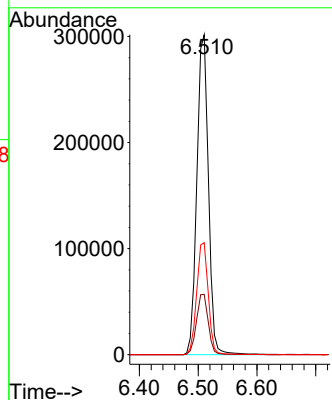
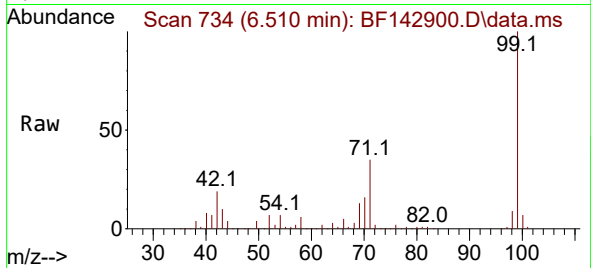




#7
Phenol-d6
Concen: 102.293 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142900.D
Acq: 27 Jun 2025 18:40

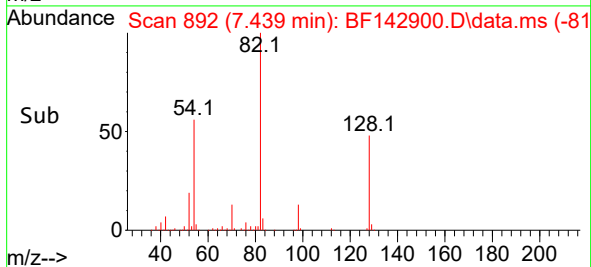
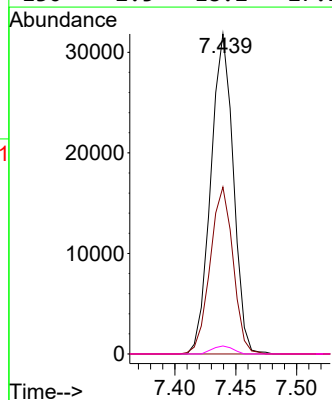
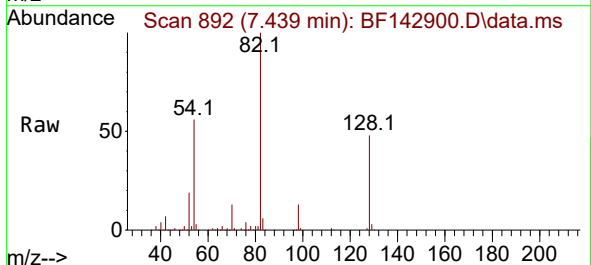
Instrument :
BNA_F
ClientSampleId :
MH-G/H

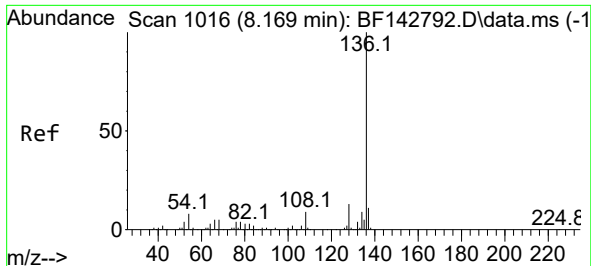
Tgt Ion: 99 Resp: 411901
Ion Ratio Lower Upper
99 100
42 18.8 15.9 23.9
71 35.0 27.8 41.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.470 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.147 min
Lab File: BF142900.D
Acq: 27 Jun 2025 18:40

Tgt Ion: 70 Resp: 40914
Ion Ratio Lower Upper
70 100
42 52.2 52.1 78.1
101 0.0 8.2 12.2#
130 2.5 18.2 27.2#



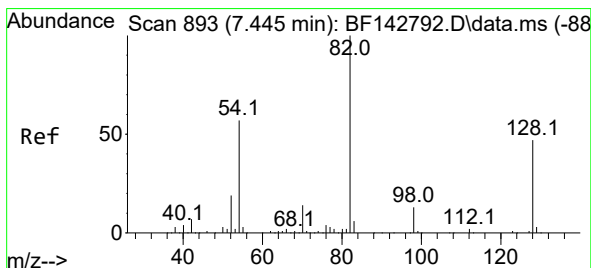
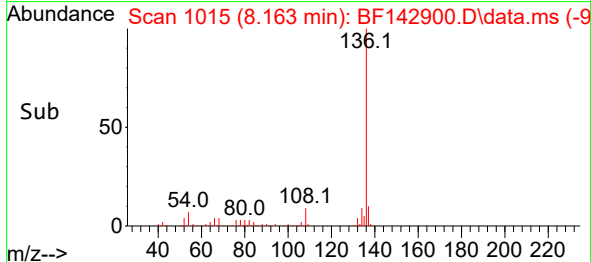
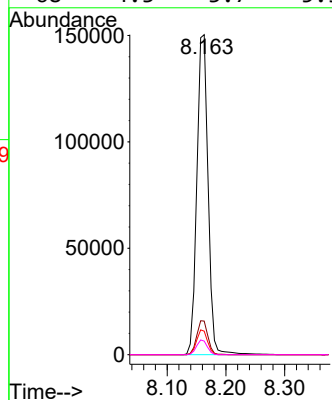
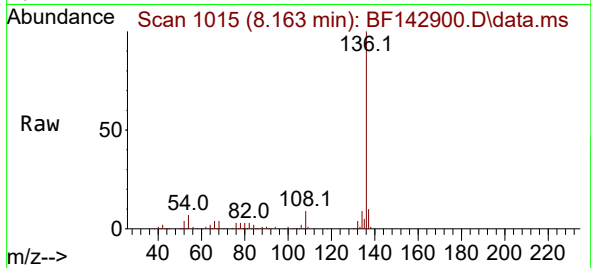


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF142900.D
Acq: 27 Jun 2025 18:40

Instrument :
BNA_F
ClientSampleId :
MH-G/H

Tgt Ion:136 Resp: 198843

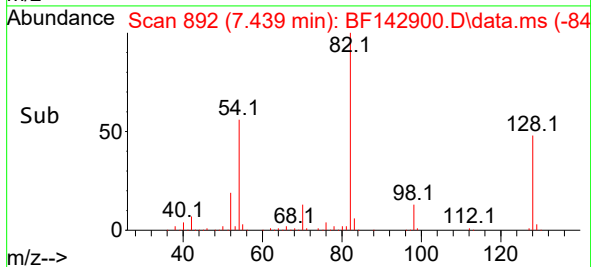
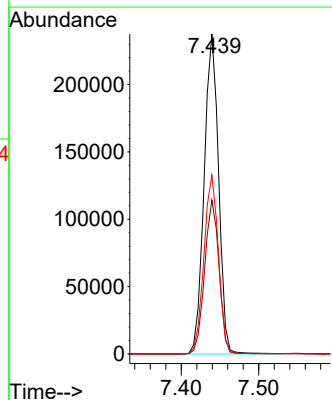
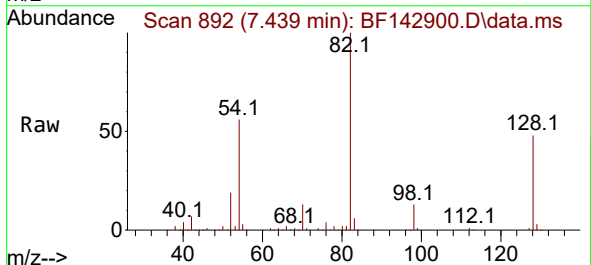
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.3	6.3	9.5
68	4.3	3.7	5.5

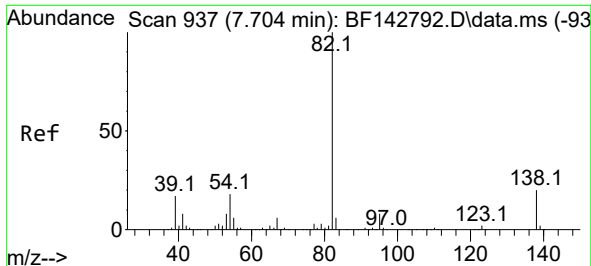


#23
Nitrobenzene-d5
Concen: 84.726 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF142900.D
Acq: 27 Jun 2025 18:40

Tgt Ion: 82 Resp: 307147

Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.7	56.5
54	55.8	45.7	68.5

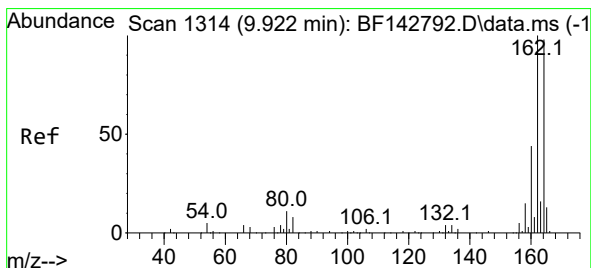
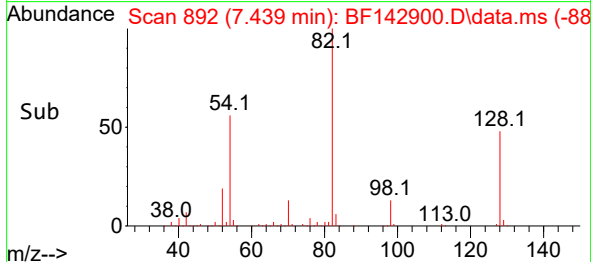
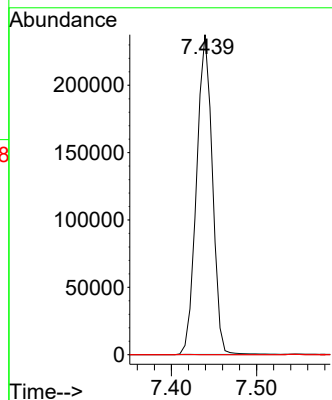
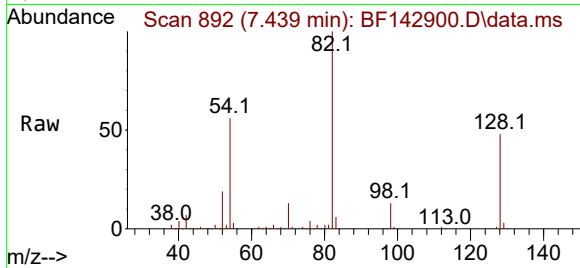




#25
Isophorone
Concen: 52.420 ng
RT: 7.439 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF142900.D
Acq: 27 Jun 2025 18:40

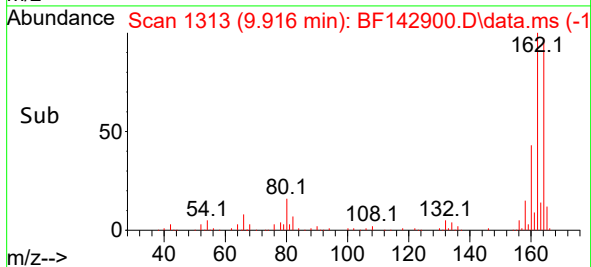
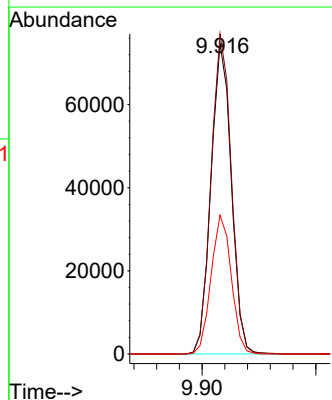
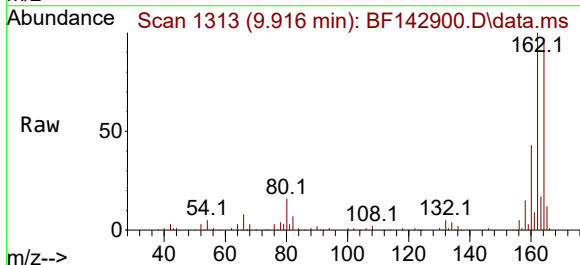
Instrument :
BNA_F
ClientSampleId :
MH-G/H

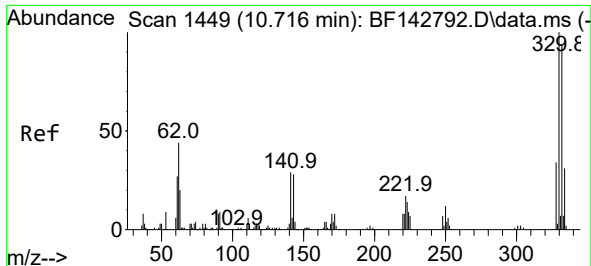
Tgt Ion: 82 Resp: 304842
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 16.2 24.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF142900.D
Acq: 27 Jun 2025 18:40

Tgt Ion:164 Resp: 92473
Ion Ratio Lower Upper
164 100
162 103.1 81.8 122.8
160 44.7 36.0 54.0

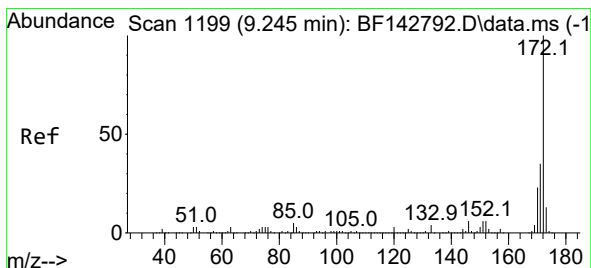
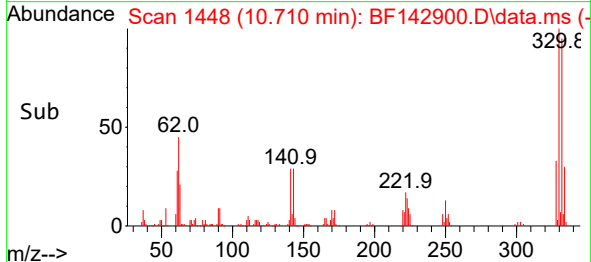
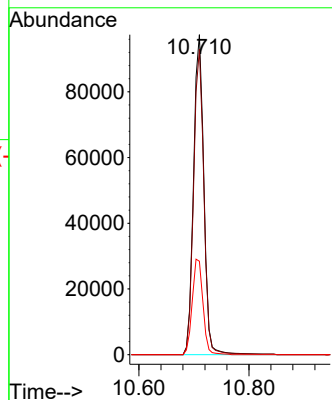
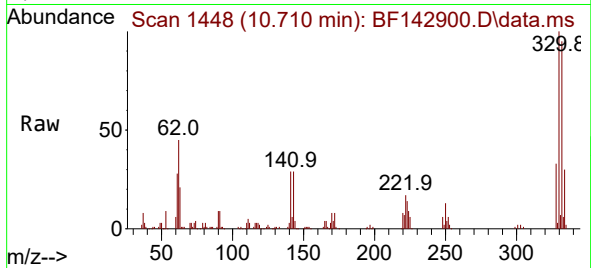




#42
2,4,6-Tribromophenol
Concen: 133.279 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142900.D
Acq: 27 Jun 2025 18:40

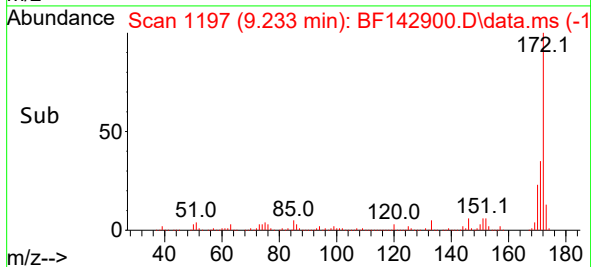
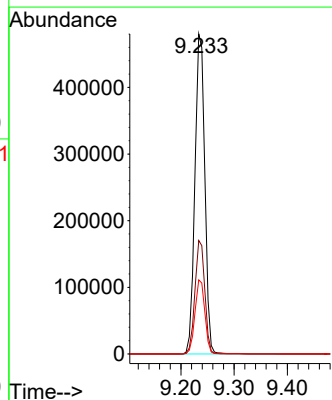
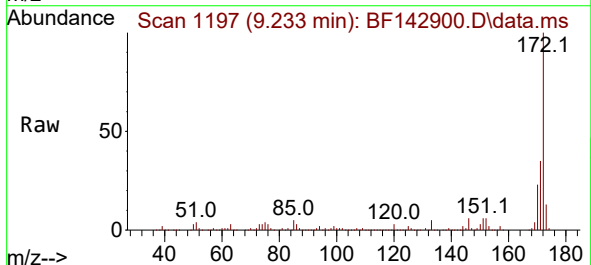
Instrument :
BNA_F
ClientSampleId :
MH-G/H

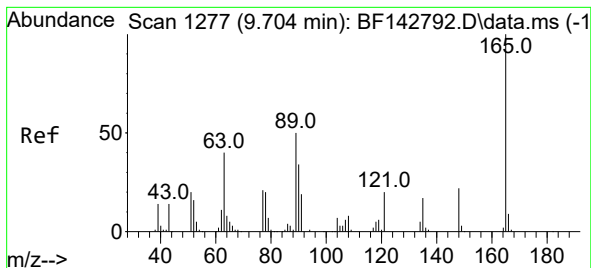
Tgt Ion: 330 Resp: 126830
Ion Ratio Lower Upper
330 100
332 95.0 75.0 112.6
141 30.9 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 88.285 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF142900.D
Acq: 27 Jun 2025 18:40

Tgt Ion: 172 Resp: 621461
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: 8.951 ng

RT: 9.916 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF142900.D

Acq: 27 Jun 2025 18:40

Instrument :

BNA_F

ClientSampleId :

MH-G/H

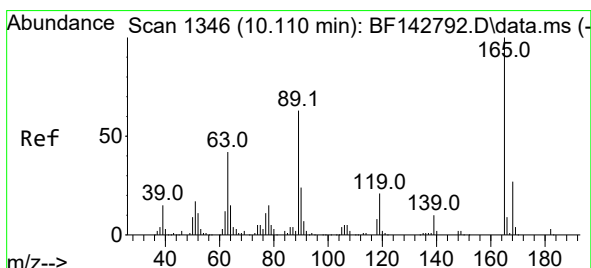
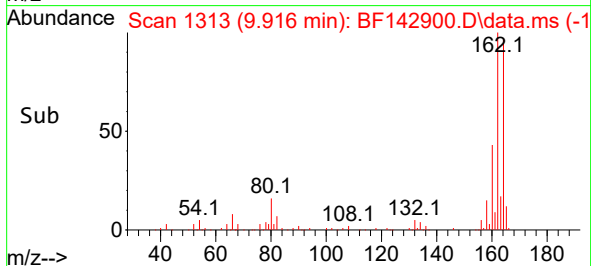
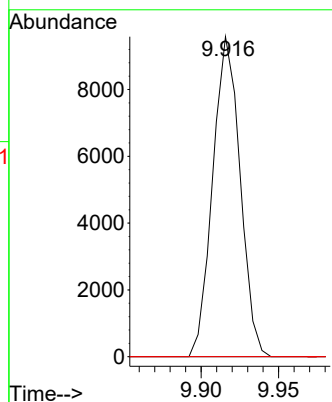
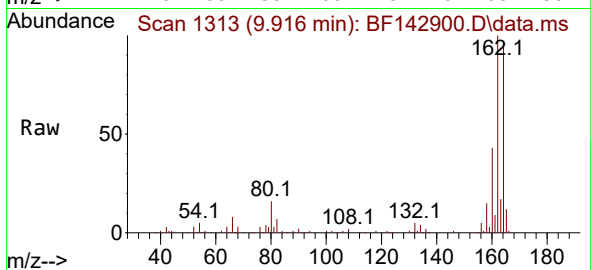
Tgt Ion:165 Resp: 11766

Ion Ratio Lower Upper

165 100

63 0.0 44.2 66.4#

89 0.0 39.8 59.8#



#57

2,4-Dinitrotoluene

Concen: 6.738 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.194 min

Lab File: BF142900.D

Acq: 27 Jun 2025 18:40

Tgt Ion:165 Resp: 11766

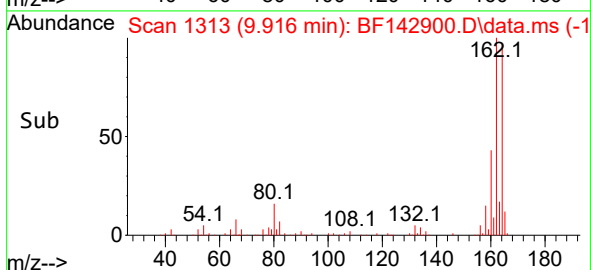
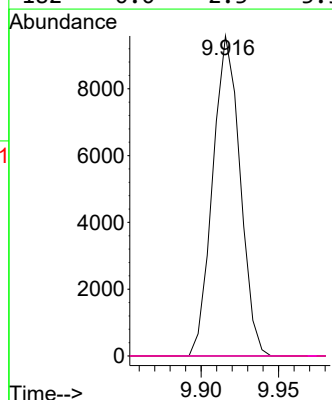
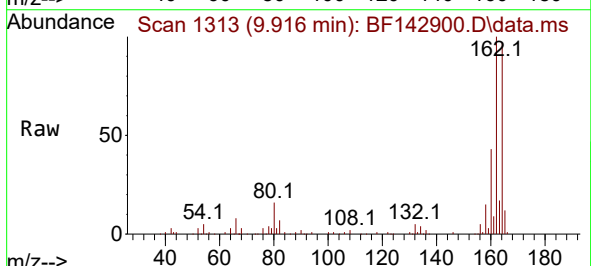
Ion Ratio Lower Upper

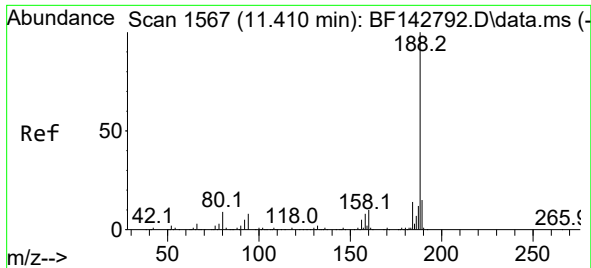
165 100

63 0.0 33.9 50.9#

89 0.0 50.6 75.8#

182 0.0 2.3 3.5#

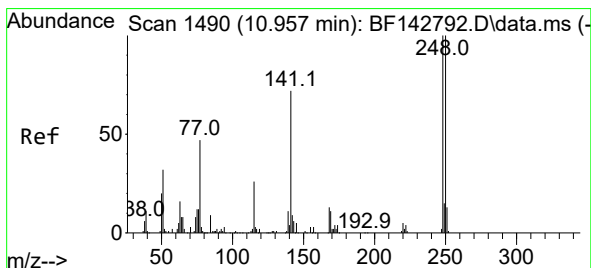
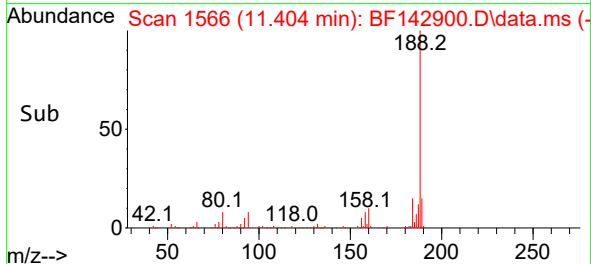
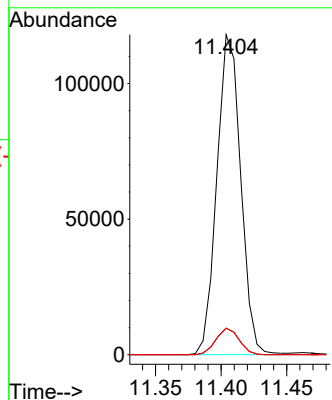
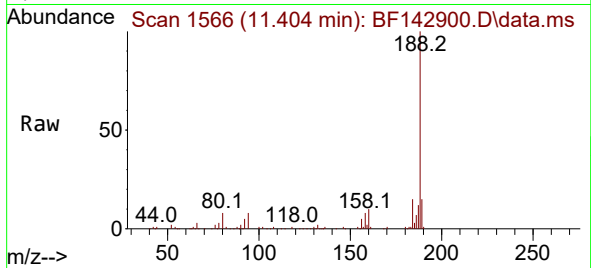




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142900.D
Acq: 27 Jun 2025 18:40

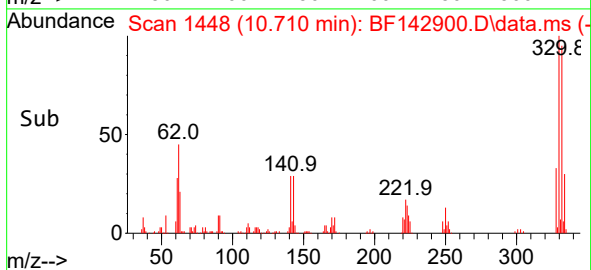
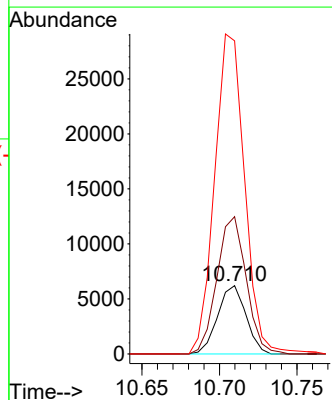
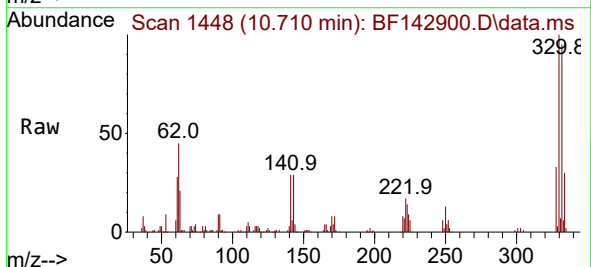
Instrument :
BNA_F
ClientSampleId :
MH-G/H

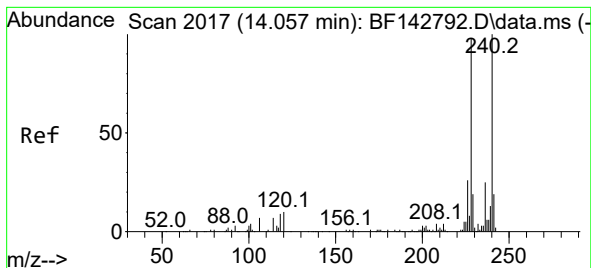
Tgt Ion:188 Resp: 149010
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.2 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 4.650 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.247 min
Lab File: BF142900.D
Acq: 27 Jun 2025 18:40

Tgt Ion:248 Resp: 7885
Ion Ratio Lower Upper
248 100
250 200.8 79.8 119.8#
141 457.9 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: BF142900.D

Acq: 27 Jun 2025 18:40

Instrument :

BNA_F

ClientSampleId :

MH-G/H

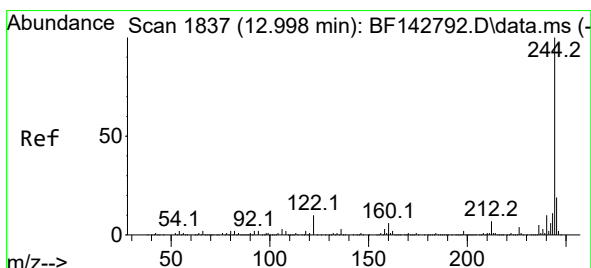
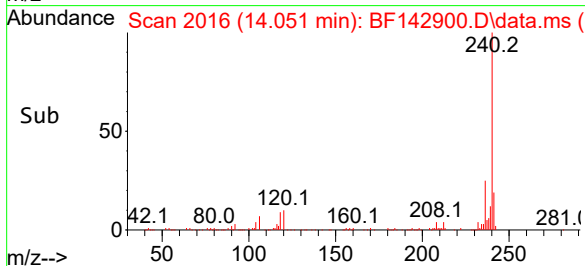
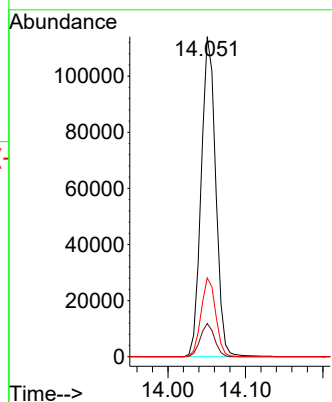
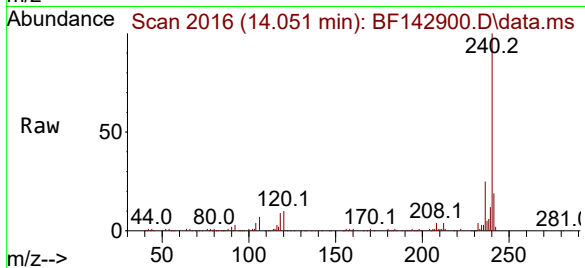
Tgt Ion:240 Resp: 148562

Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.2

236 24.6 19.8 29.8



#79

Terphenyl-d14

Concen: 60.045 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF142900.D

Acq: 27 Jun 2025 18:40

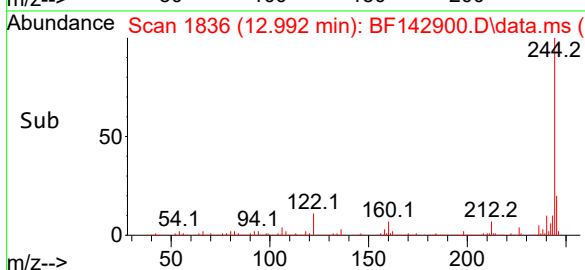
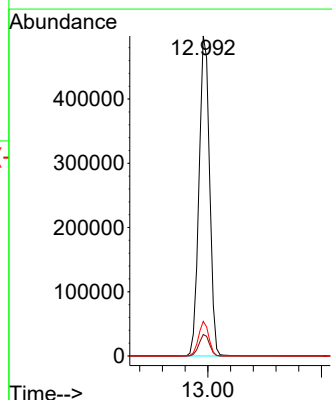
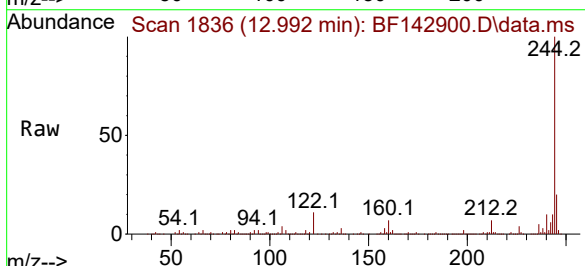
Tgt Ion:244 Resp: 645610

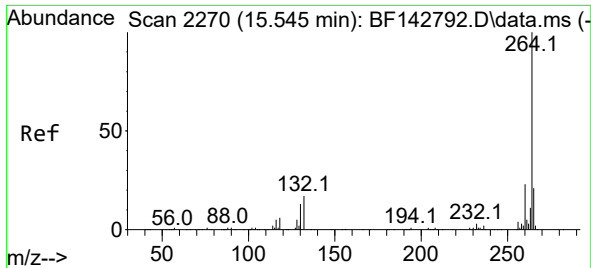
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 10.8 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: BF142900.D
 Acq: 27 Jun 2025 18:40

Instrument :
 BNA_F
 ClientSampleId :
 MH-G/H

Tgt Ion:264 Resp: 99679
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.1 27.1
 265 22.4 16.6 25.0

