

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
 Data File : BF142491.D
 Acq On : 21 May 2025 17:10
 Operator : RC/JU
 Sample : Q2080-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-HRH-COMP-01

Quant Time: May 21 17:31:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

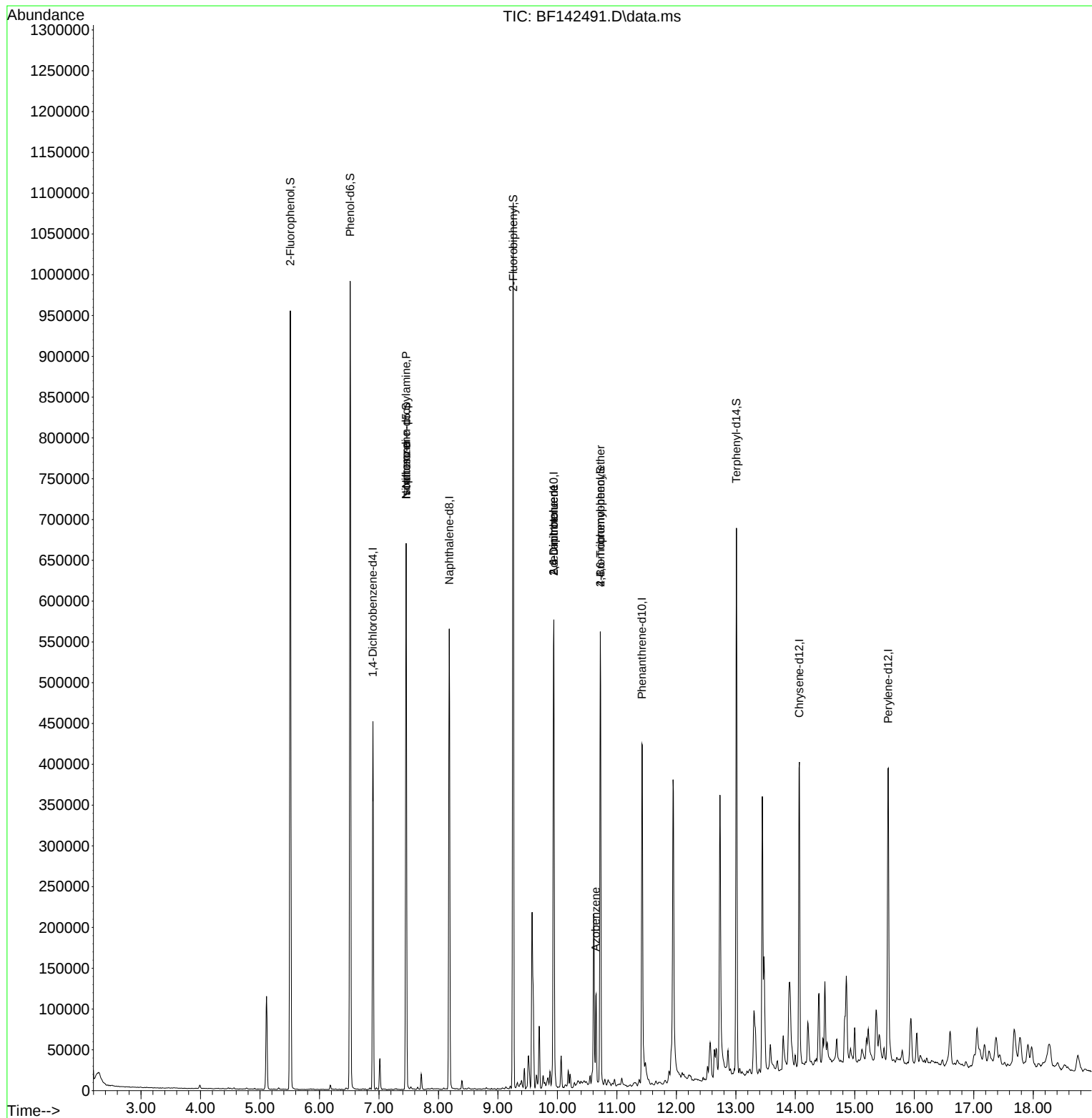
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	94874	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	353200	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	171001	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	225567	20.000	ng	-0.01
76) Chrysene-d12	14.068	240	182813	20.000	ng	0.00
86) Perylene-d12	15.562	264	218237	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	352639	62.621	ng	0.00
7) Phenol-d6	6.516	99	444779	65.614	ng	-0.02
23) Nitrobenzene-d5	7.457	82	274541	42.385	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	89829	47.331	ng	-0.02
45) 2-Fluorobiphenyl	9.257	172	481254	37.764	ng	-0.01
79) Terphenyl-d14	13.010	244	317672	23.746	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	36195	8.615	ng	# 77
25) Isophorone	7.457	82	262044	24.197	ng	# 63
51) 2,6-Dinitrotoluene	9.939	165	21074	8.654	ng	# 28
57) 2,4-Dinitrotoluene	9.939	165	21074	6.626	ng	# 28
63) Azobenzene	10.645	77	26816	2.709	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	6049	2.268	ng	# 1

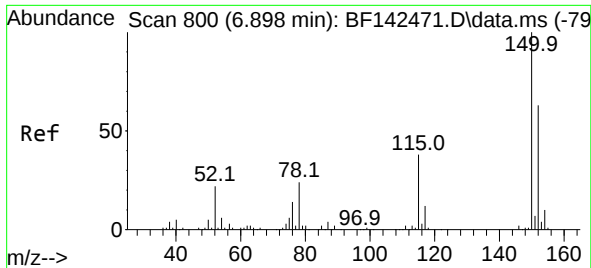
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142491.D
Acq On : 21 May 2025 17:10
Operator : RC/JU
Sample : Q2080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

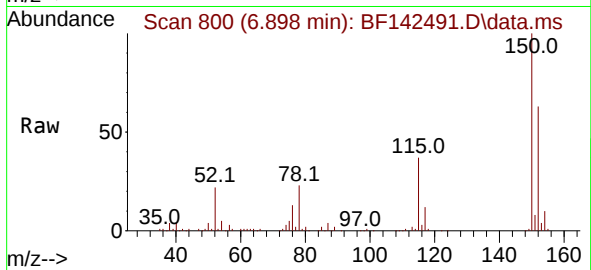
Quant Time: May 21 17:31:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



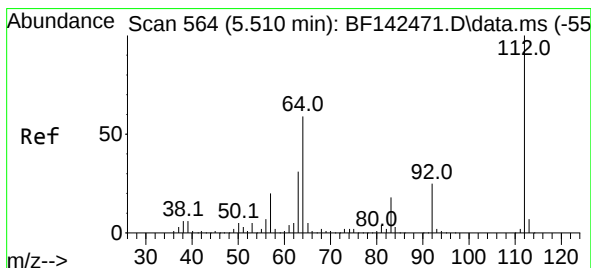
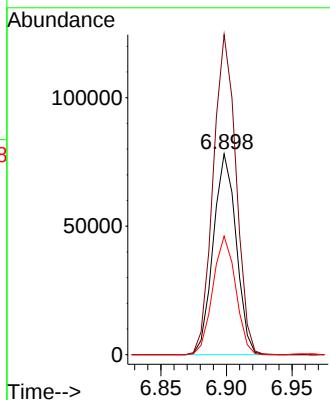
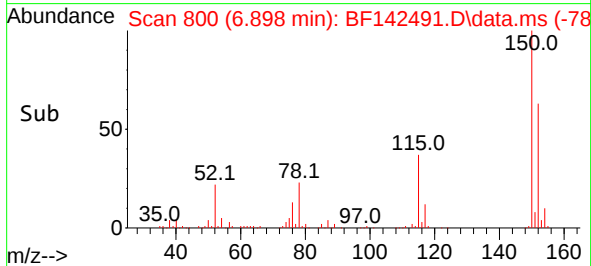


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142491.D
Acq: 21 May 2025 17:10

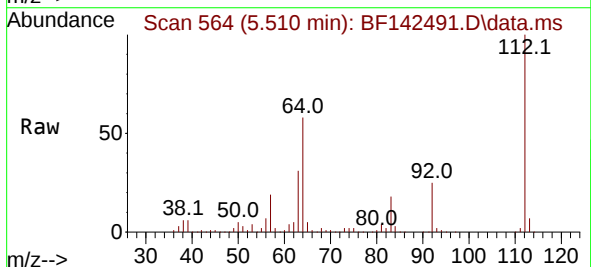
Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01



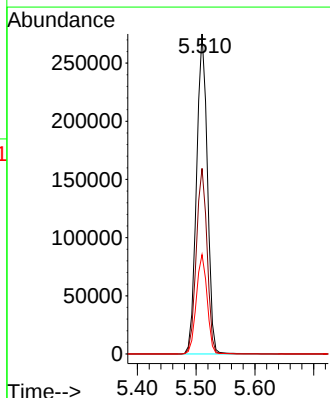
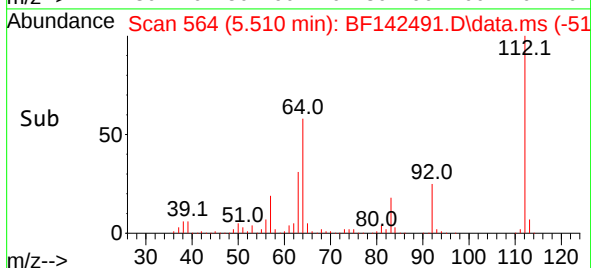
Tgt Ion:152 Resp: 94874
Ion Ratio Lower Upper
152 100
150 159.4 128.2 192.4
115 59.0 48.3 72.5

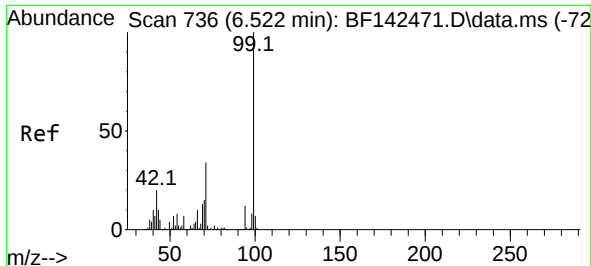


#5
2-Fluorophenol
Concen: 62.621 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142491.D
Acq: 21 May 2025 17:10



Tgt Ion:112 Resp: 352639
Ion Ratio Lower Upper
112 100
64 58.0 47.5 71.3
63 31.1 24.9 37.3

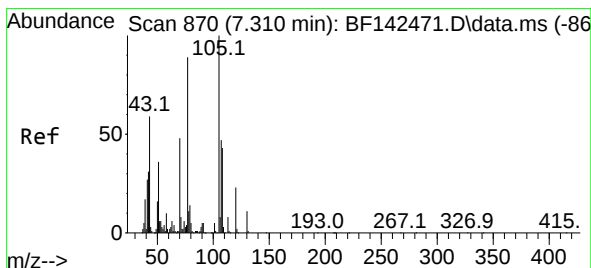
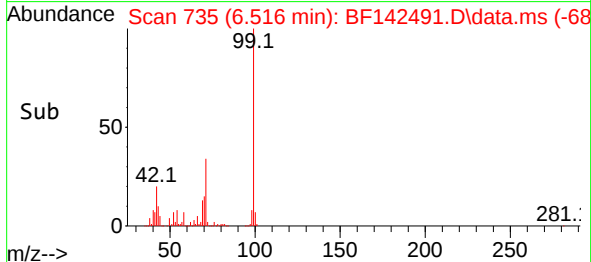
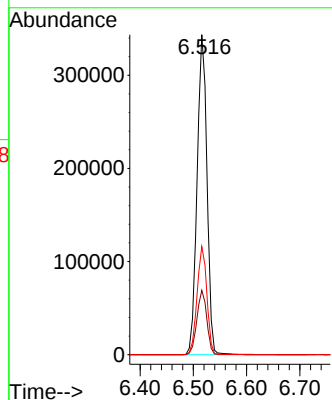
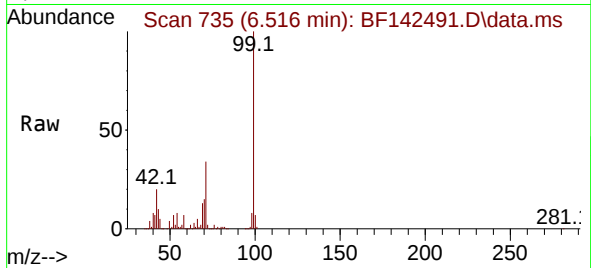




#7
Phenol-d6
Concen: 65.614 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142491.D
Acq: 21 May 2025 17:10

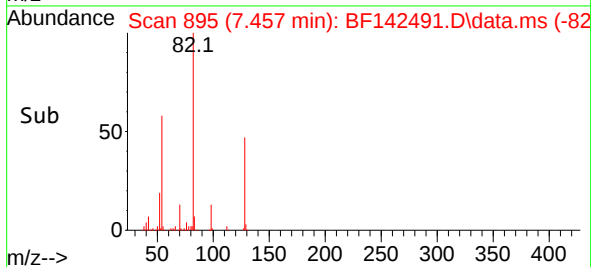
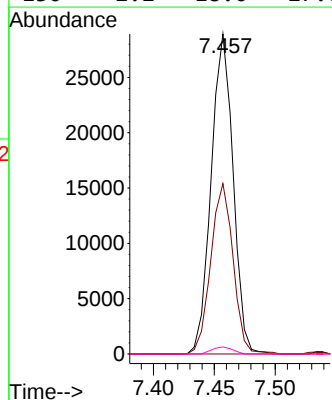
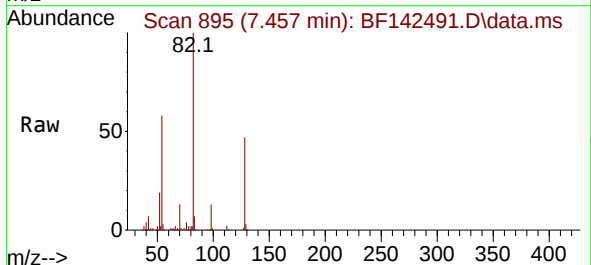
Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

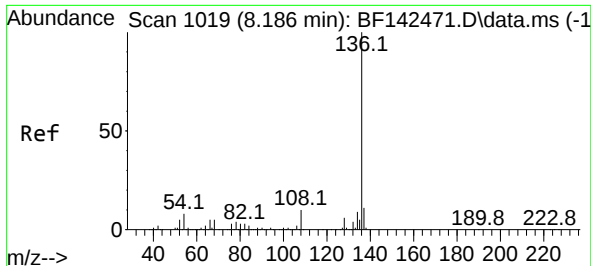
Tgt Ion: 99 Resp: 444779
Ion Ratio Lower Upper
99 100
42 20.1 16.2 24.2
71 33.8 27.3 40.9



#19
n-Nitroso-di-n-propylamine
Concen: 8.615 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF142491.D
Acq: 21 May 2025 17:10

Tgt Ion: 70 Resp: 36195
Ion Ratio Lower Upper
70 100
42 53.3 52.4 78.6
101 0.0 7.8 11.8#
130 2.2 18.0 27.0#



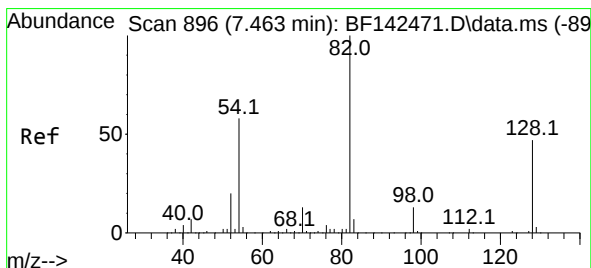
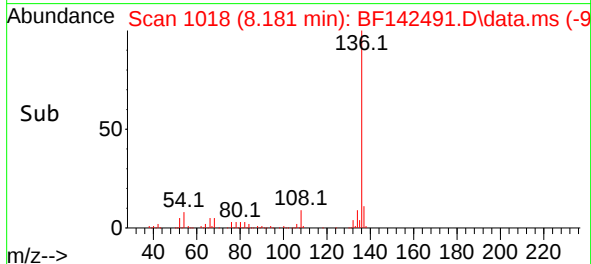
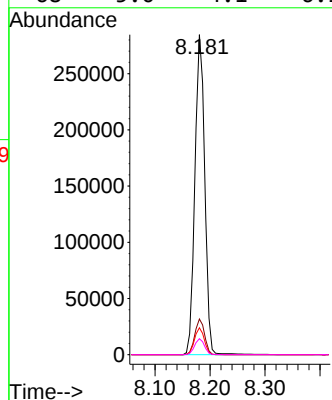
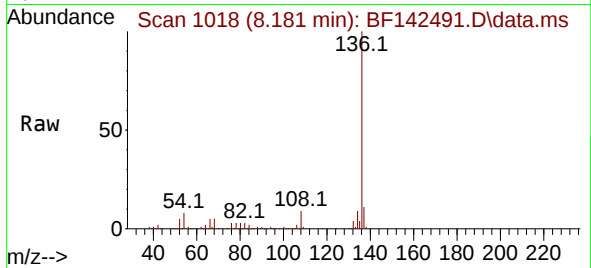


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142491.D
Acq: 21 May 2025 17:10

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

Tgt Ion:136 Resp: 353200

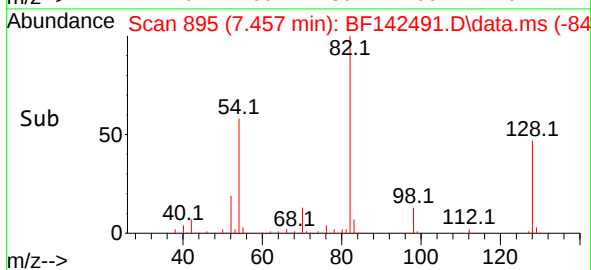
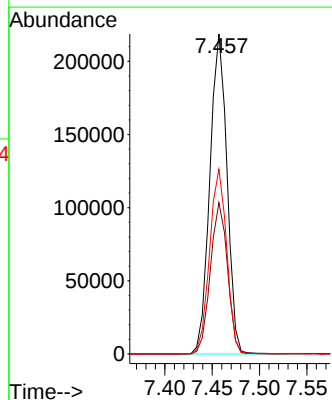
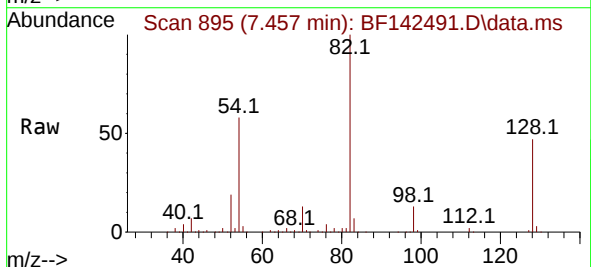
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.4	6.6	10.0
68	5.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 42.385 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF142491.D
Acq: 21 May 2025 17:10

Tgt Ion: 82 Resp: 274541

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.4	56.2
54	57.8	46.6	70.0

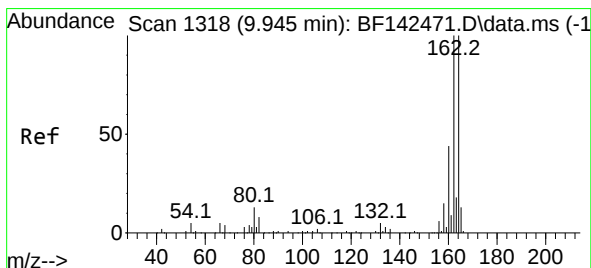
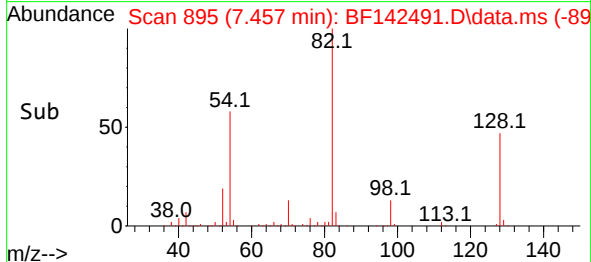
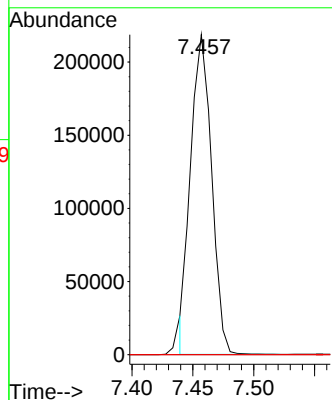
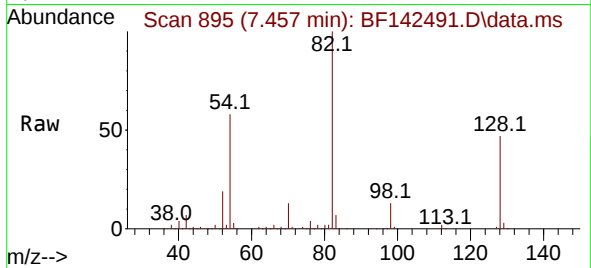




#25
Isophorone
Concen: 24.197 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF142491.D
Acq: 21 May 2025 17:10

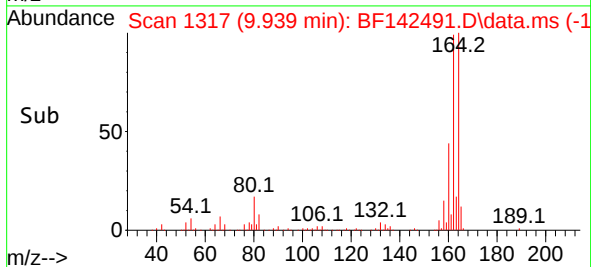
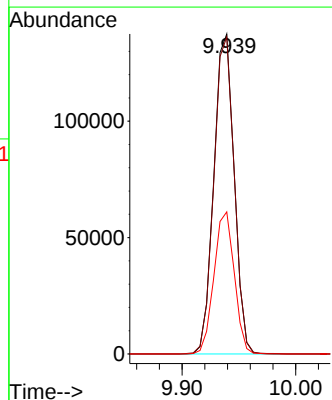
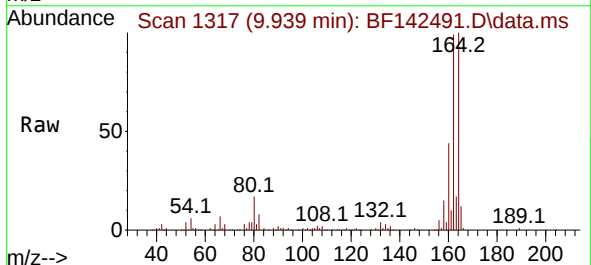
Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

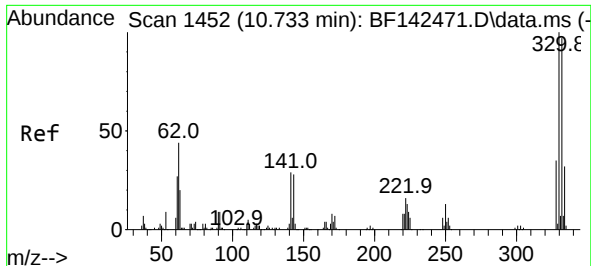
Tgt Ion: 82 Resp: 262044
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.5 23.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142491.D
Acq: 21 May 2025 17:10

Tgt Ion: 164 Resp: 171001
Ion Ratio Lower Upper
164 100
162 99.1 80.2 120.4
160 44.4 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 47.331 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.018 min

Lab File: BF142491.D

Acq: 21 May 2025 17:10

Instrument :

BNA_F

ClientSampleId :

PL-HRH-COMP-01

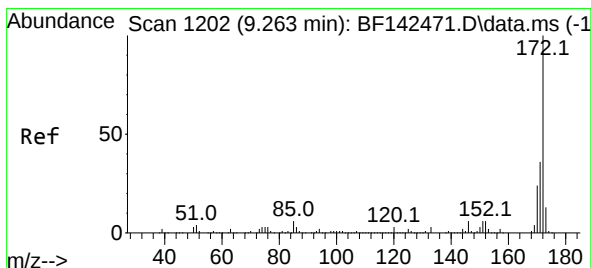
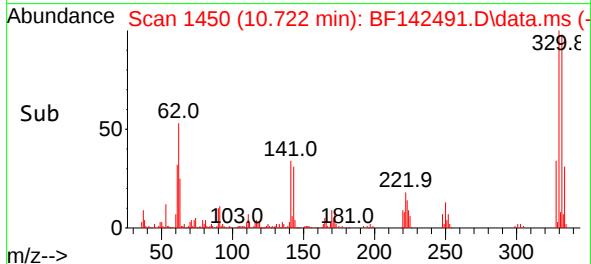
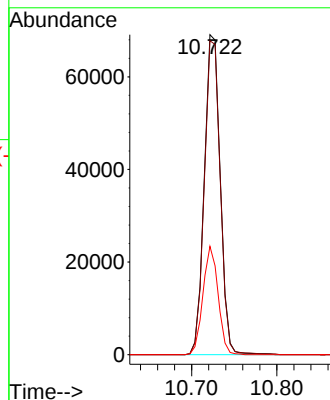
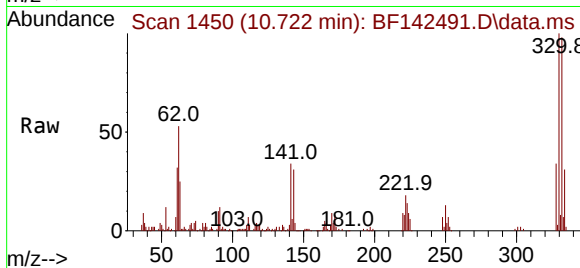
Tgt Ion:330 Resp: 89829

Ion Ratio Lower Upper

330 100

332 98.0 77.6 116.4

141 32.1 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 37.764 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF142491.D

Acq: 21 May 2025 17:10

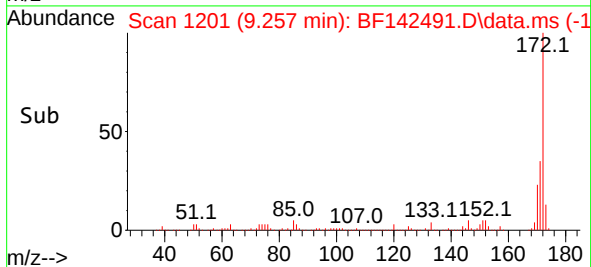
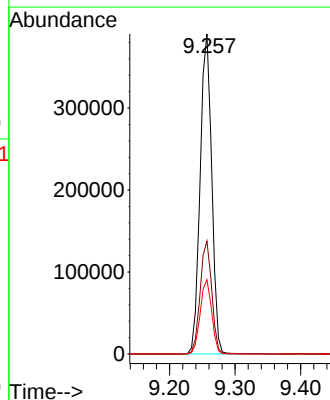
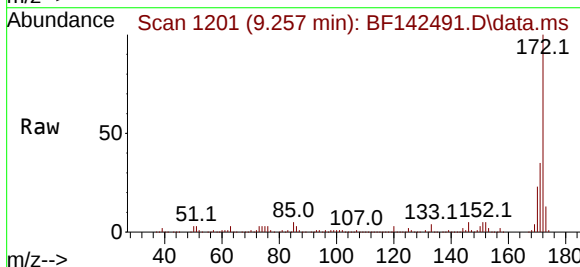
Tgt Ion:172 Resp: 481254

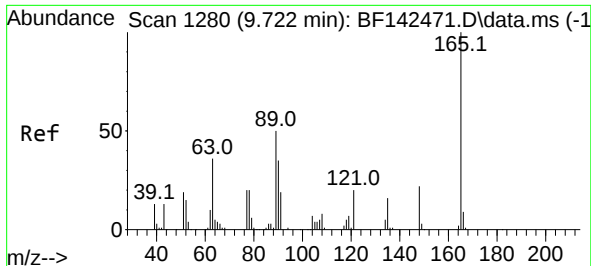
Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.2 18.9 28.3

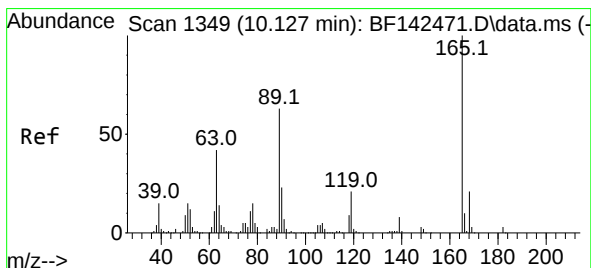
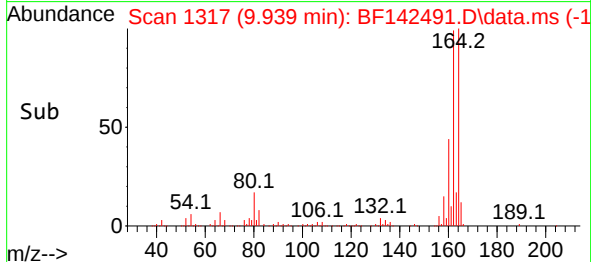
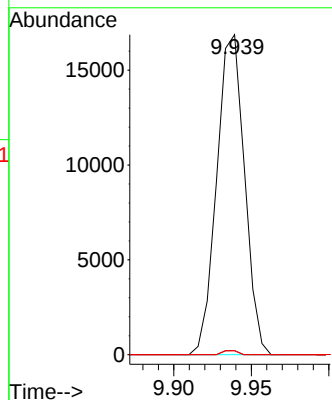
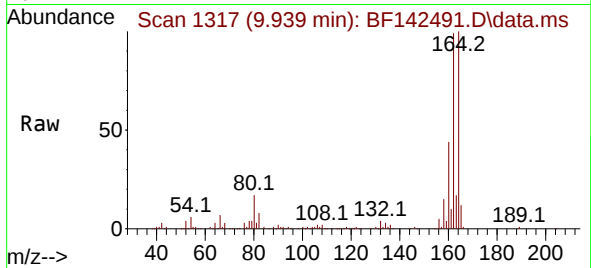




#51
2,6-Dinitrotoluene
Concen: 8.654 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.212 min
Lab File: BF142491.D
Acq: 21 May 2025 17:10

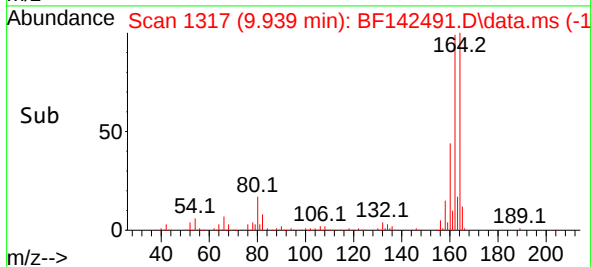
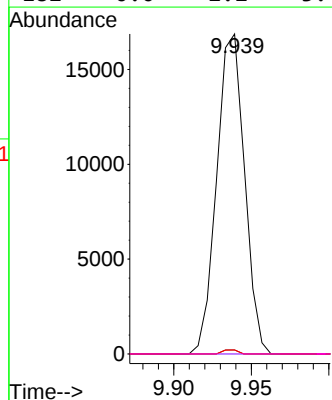
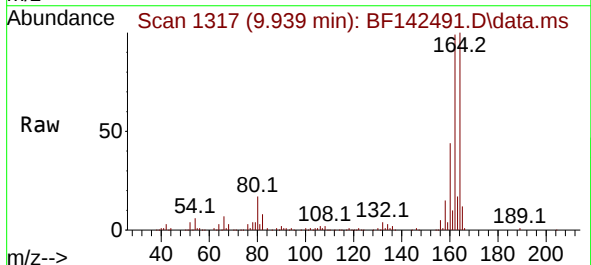
Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

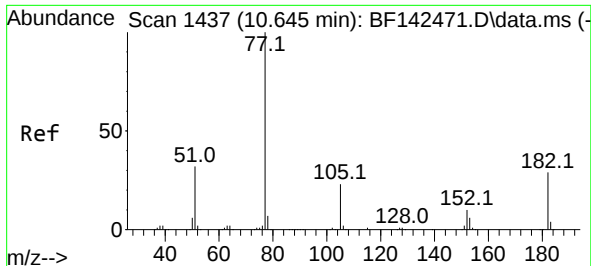
Tgt Ion:165 Resp: 21074
Ion Ratio Lower Upper
165 100
63 1.3 42.9 64.3#
89 1.3 40.2 60.4#



#57
2,4-Dinitrotoluene
Concen: 6.626 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.194 min
Lab File: BF142491.D
Acq: 21 May 2025 17:10

Tgt Ion:165 Resp: 21074
Ion Ratio Lower Upper
165 100
63 1.3 33.6 50.4#
89 1.3 50.2 75.4#
182 0.0 2.2 3.4#

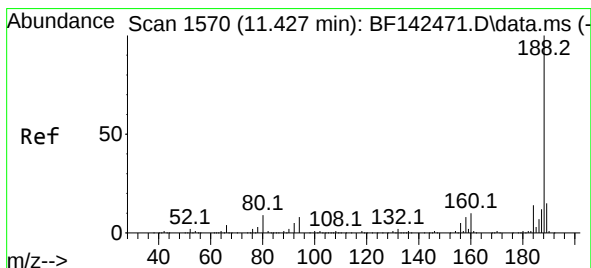
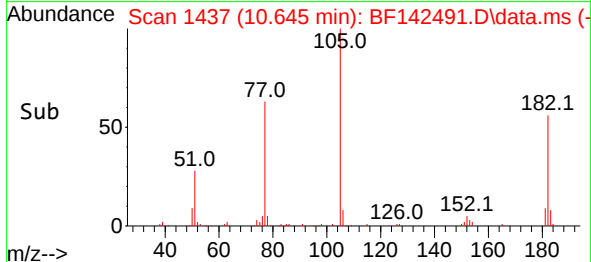
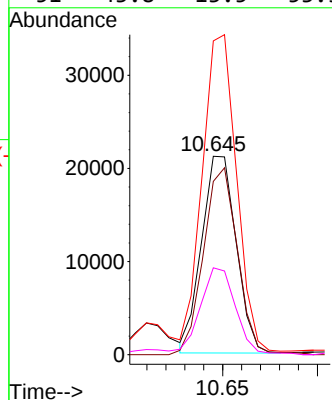
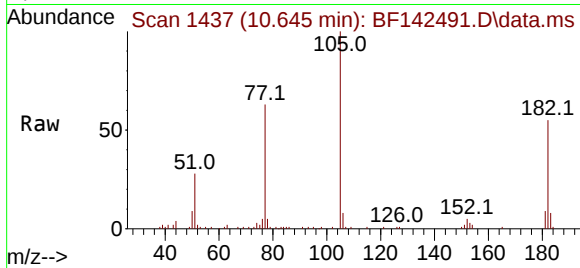




#63
Azobenzene
Concen: 2.709 ng
RT: 10.645 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF142491.D
Acq: 21 May 2025 17:10

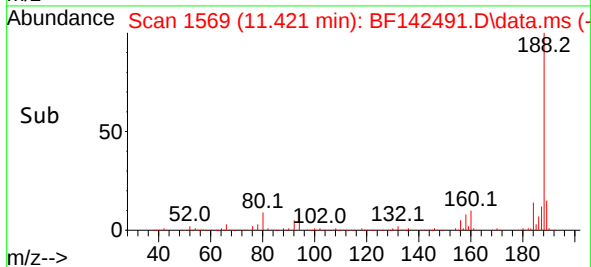
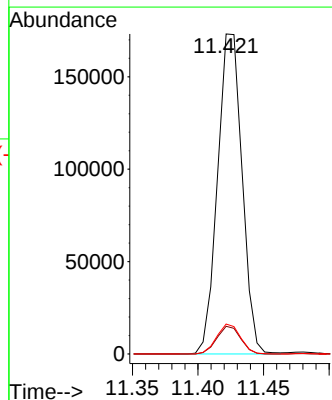
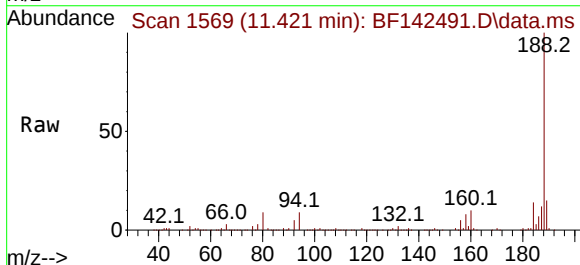
Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

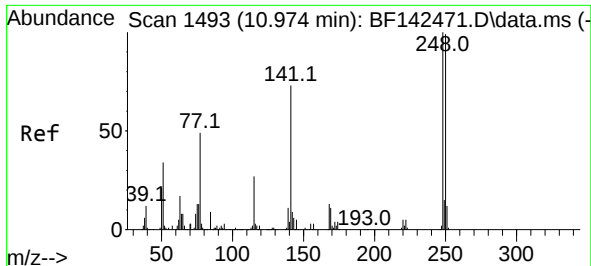
Tgt Ion: 77 Resp: 26816
Ion Ratio Lower Upper
77 100
182 87.4 9.0 49.0#
105 158.2 2.4 42.4#
51 43.8 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142491.D
Acq: 21 May 2025 17:10

Tgt Ion:188 Resp: 225567
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.4 7.4 11.0





#67

4-Bromophenyl-phenylether

Concen: 2.268 ng

RT: 10.722 min Scan# 14

Delta R.T. -0.253 min

Lab File: BF142491.D

Acq: 21 May 2025 17:10

Instrument :

BNA_F

ClientSampleId :

PL-HRH-COMP-01

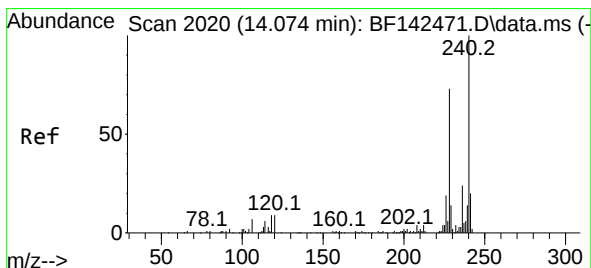
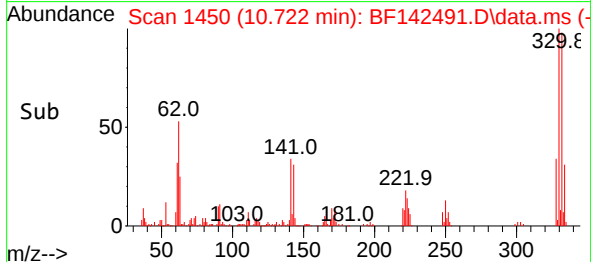
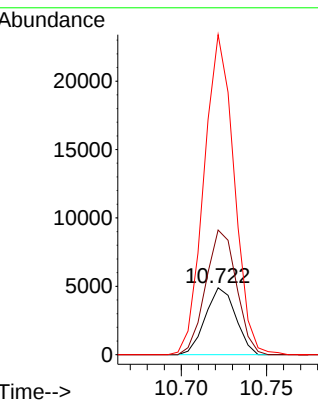
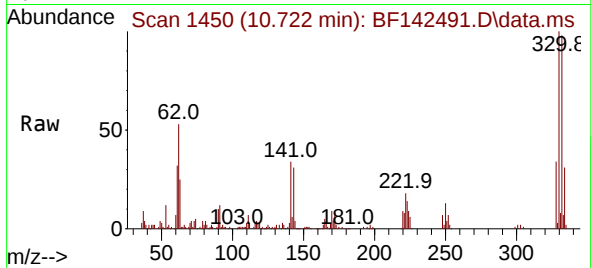
Tgt Ion:248 Resp: 6049

Ion Ratio Lower Upper

248 100

250 186.5 79.0 118.4#

141 478.5 58.4 87.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF142491.D

Acq: 21 May 2025 17:10

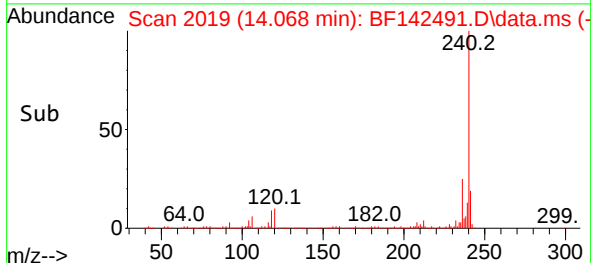
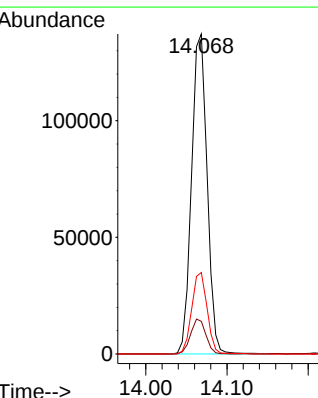
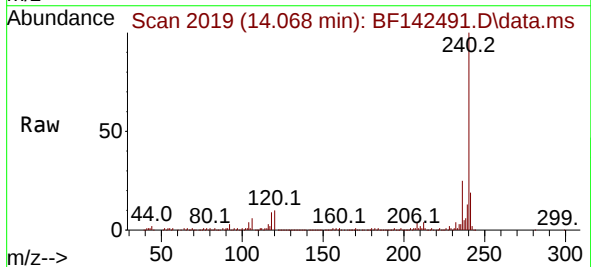
Tgt Ion:240 Resp: 182813

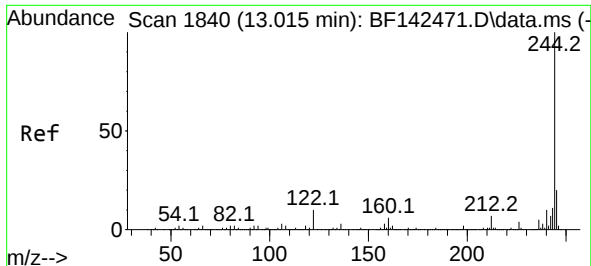
Ion Ratio Lower Upper

240 100

120 10.2 7.5 11.3

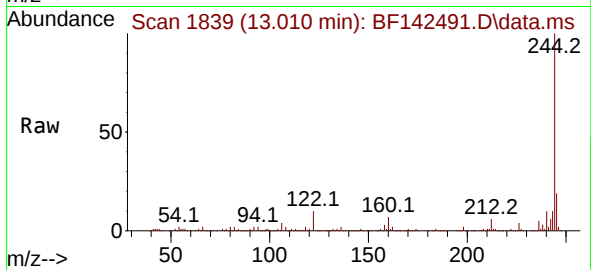
236 25.5 19.6 29.4



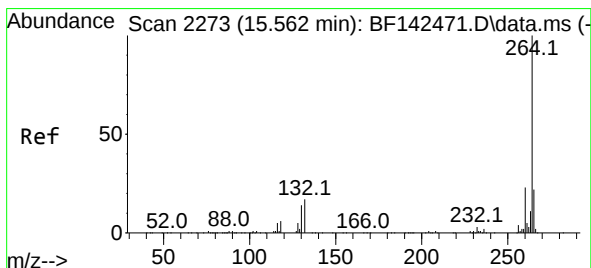
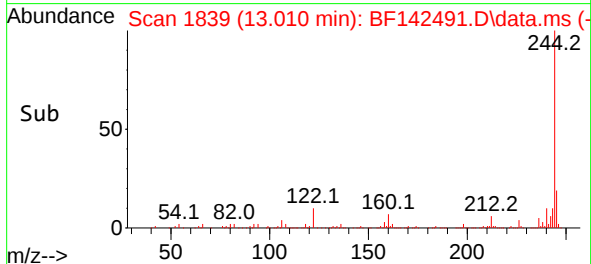
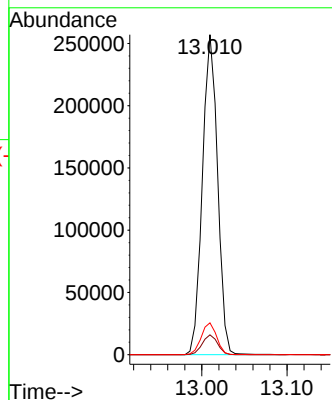


#79
 Terphenyl-d14
 Concen: 23.746 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142491.D
 Acq: 21 May 2025 17:10

Instrument :
 BNA_F
 ClientSampleId :
 PL-HRH-COMP-01



Tgt Ion:244 Resp: 317672
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.3 7.9
 122 10.0 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF142491.D
 Acq: 21 May 2025 17:10

Tgt Ion:264 Resp: 218237
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.0 17.7 26.5

