

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
 Data File : BF142871.D
 Acq On : 26 Jun 2025 16:36
 Operator : RC/JU
 Sample : Q2416-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-G/H

Quant Time: Jun 26 16:57:08 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	80796	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	305005	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	163112	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	263736	20.000	ng	0.00
76) Chrysene-d12	14.051	240	136341	20.000	ng	0.00
86) Perylene-d12	15.539	264	163907	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	447805	92.277	ng	0.00
7) Phenol-d6	6.504	99	558162	97.489	ng	0.00
23) Nitrobenzene-d5	7.440	82	327030	58.812	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	73729	43.925	ng	-0.01
45) 2-Fluorobiphenyl	9.234	172	735128	59.206	ng	-0.01
79) Terphenyl-d14	12.992	244	594132	60.210	ng	0.00

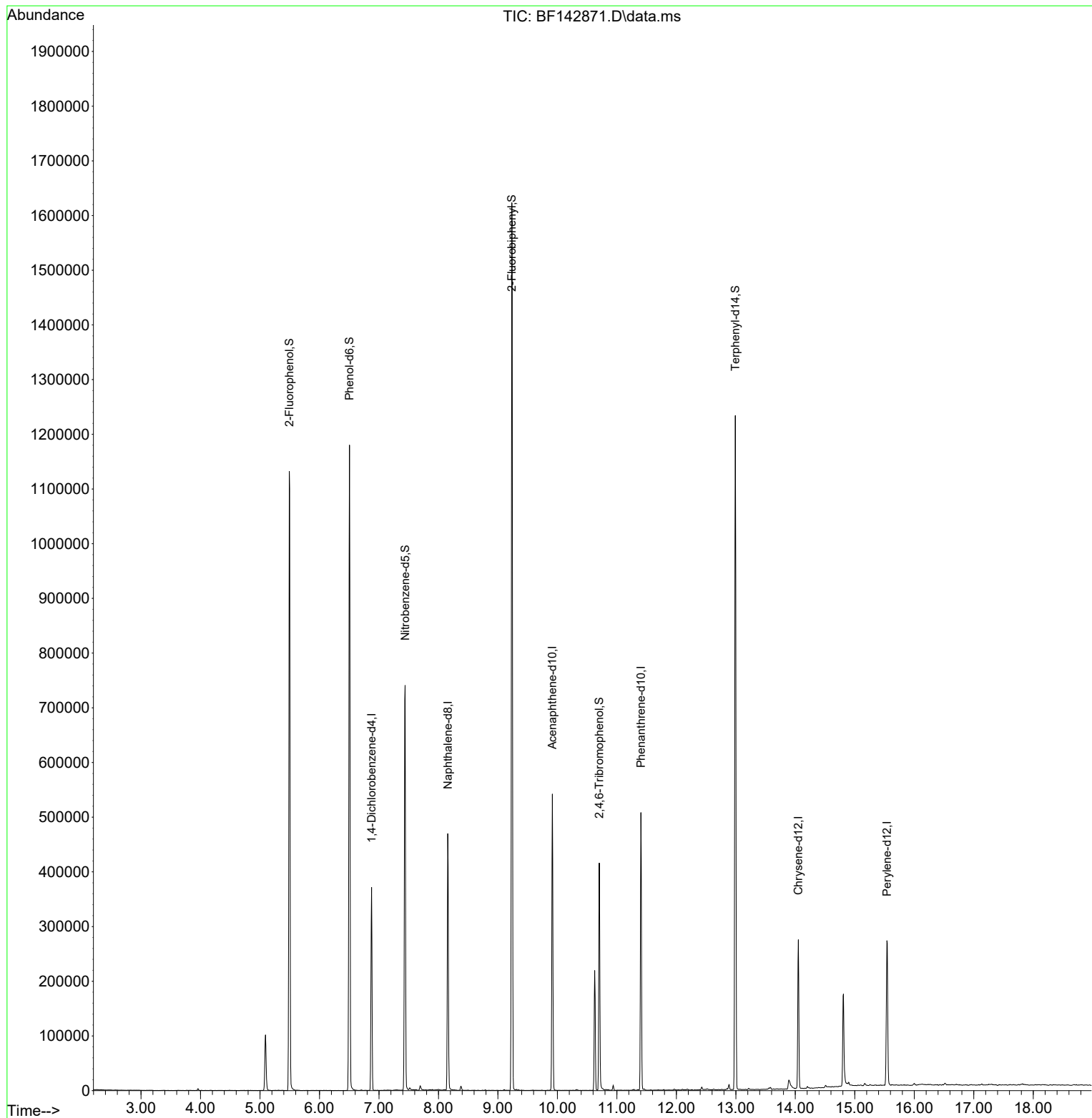
Target Compounds	Qvalue

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

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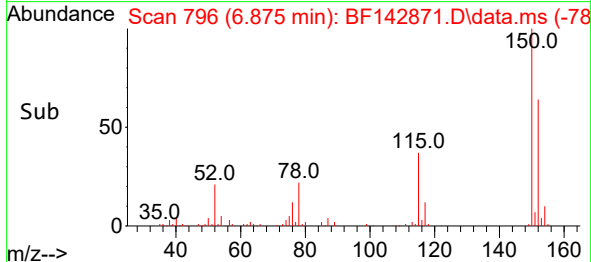
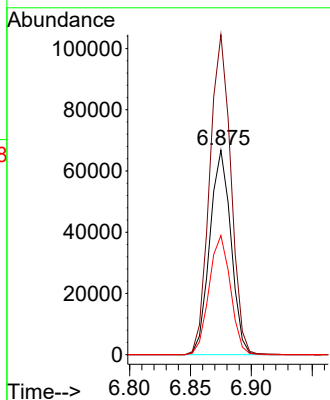
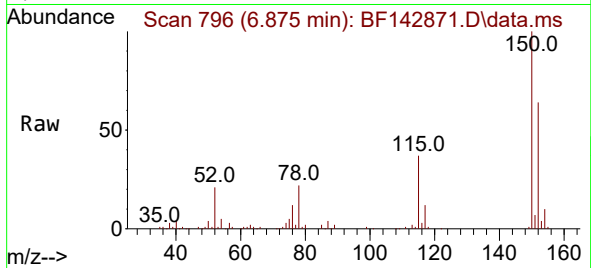




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142871.D
Acq: 26 Jun 2025 16:36

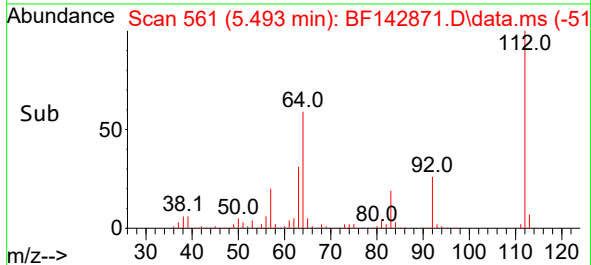
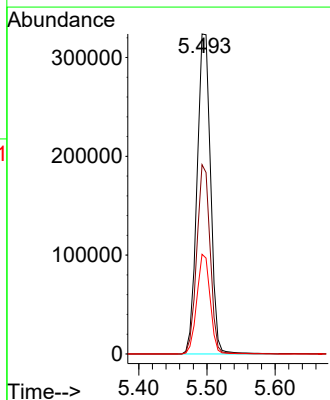
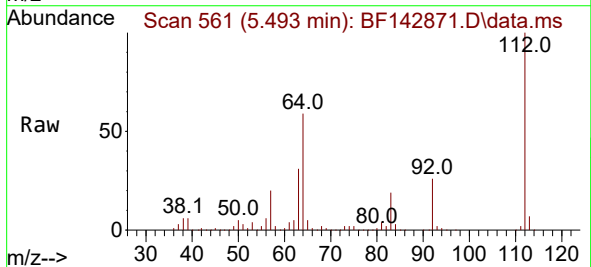
Instrument :
BNA_F
ClientSampleId :
MH-G/H

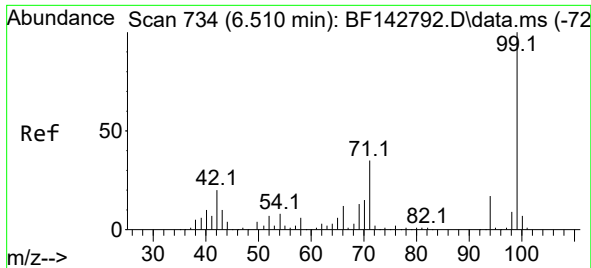
Tgt Ion:152 Resp: 80796
Ion Ratio Lower Upper
152 100
150 156.5 127.2 190.8
115 58.3 46.6 69.8



#5
2-Fluorophenol
Concen: 92.277 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.001 min
Lab File: BF142871.D
Acq: 26 Jun 2025 16:36

Tgt Ion:112 Resp: 447805
Ion Ratio Lower Upper
112 100
64 59.1 48.2 72.2
63 31.2 25.7 38.5

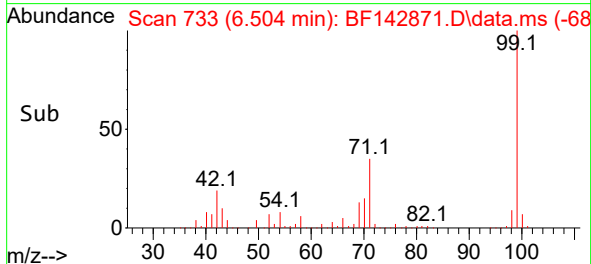
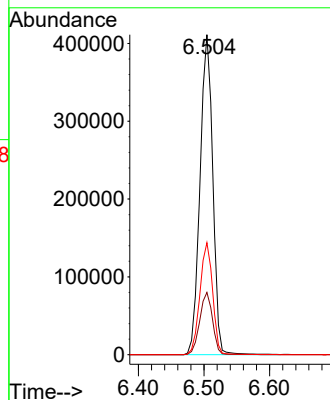
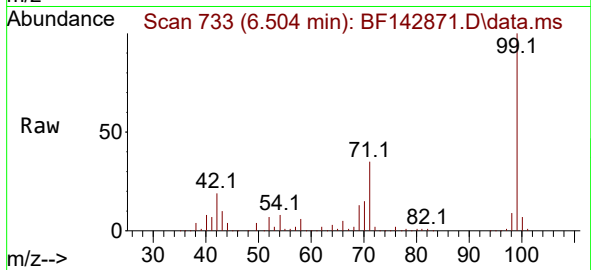




#7
Phenol-d6
Concen: 97.489 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142871.D
Acq: 26 Jun 2025 16:36

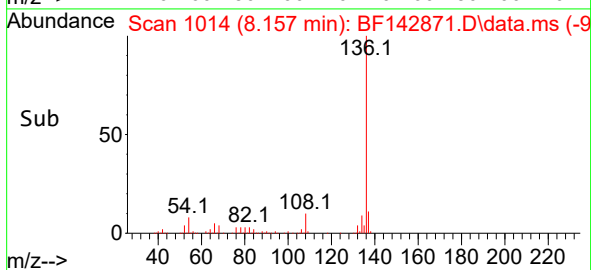
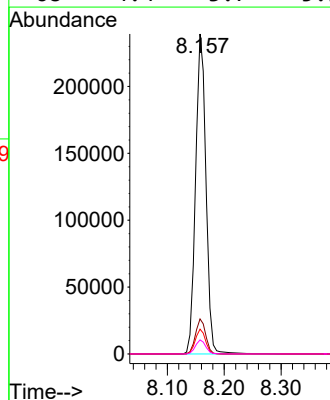
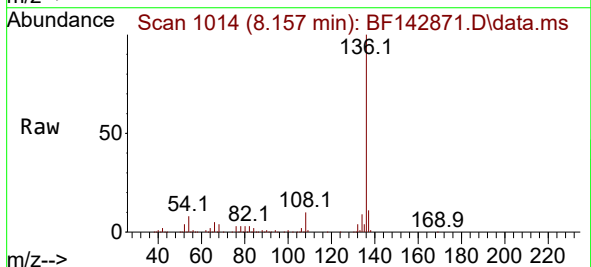
Instrument :
BNA_F
ClientSampleId :
MH-G/H

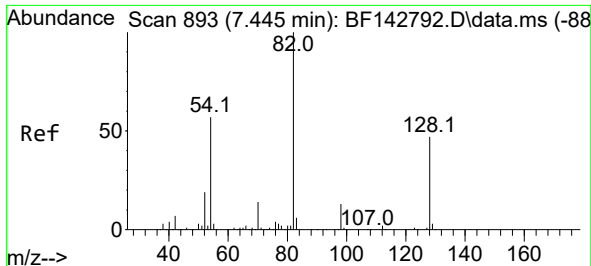
Tgt Ion: 99 Resp: 558162
Ion Ratio Lower Upper
99 100
42 19.4 15.9 23.9
71 35.0 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142871.D
Acq: 26 Jun 2025 16:36

Tgt Ion: 136 Resp: 305005
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.8 6.3 9.5
68 4.4 3.7 5.5





#23

Nitrobenzene-d5

Concen: 58.812 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.005 min

Lab File: BF142871.D

Acq: 26 Jun 2025 16:36

Instrument :

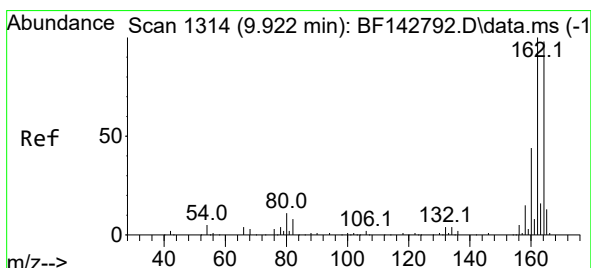
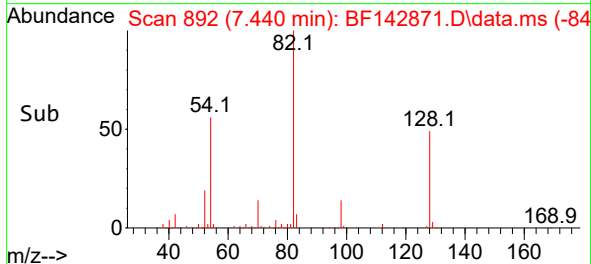
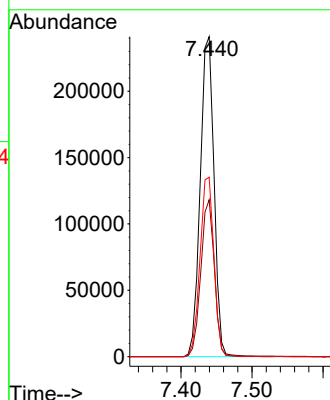
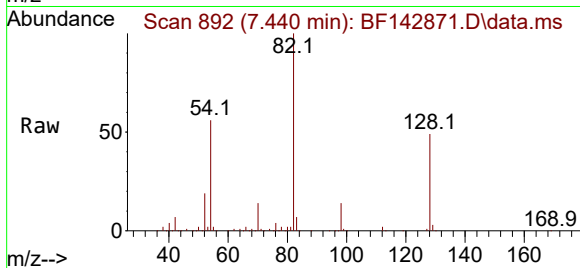
BNA_F

ClientSampleId :

MH-G/H

Tgt Ion: 82 Resp: 327030

Ion	Ratio	Lower	Upper
82	100		
128	49.1	37.7	56.5
54	56.1	45.7	68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

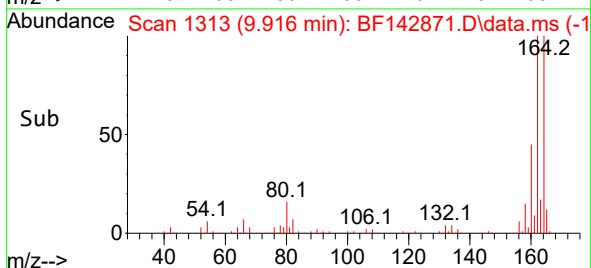
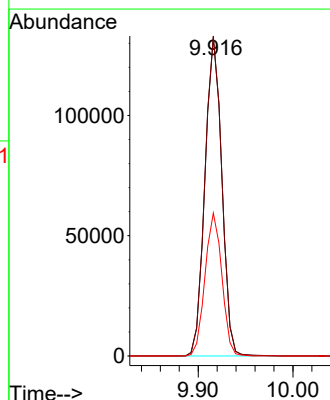
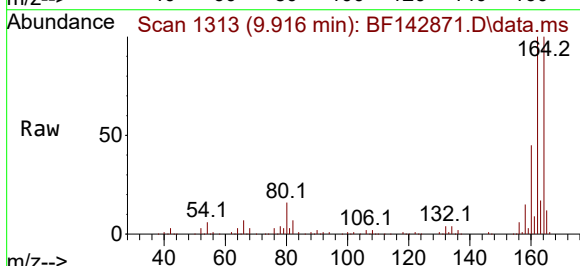
Delta R.T. -0.006 min

Lab File: BF142871.D

Acq: 26 Jun 2025 16:36

Tgt Ion: 164 Resp: 163112

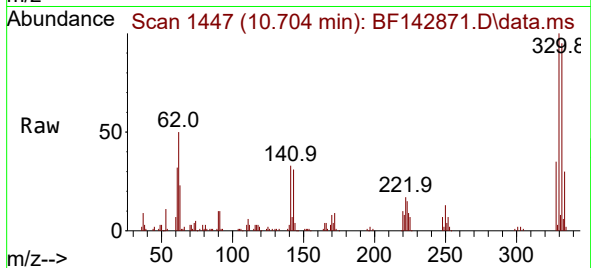
Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.8	122.8
160	44.9	36.0	54.0



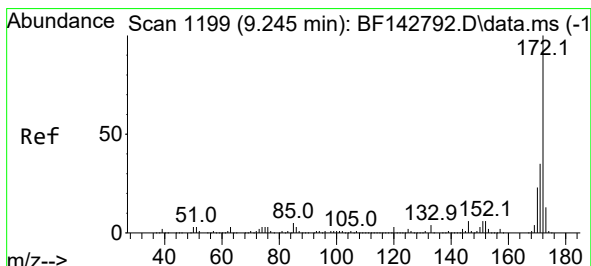
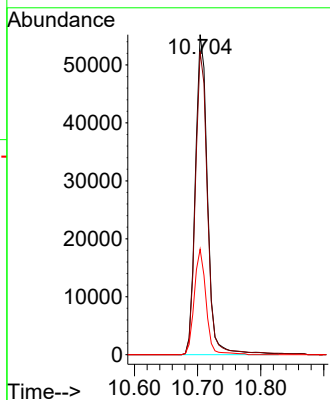
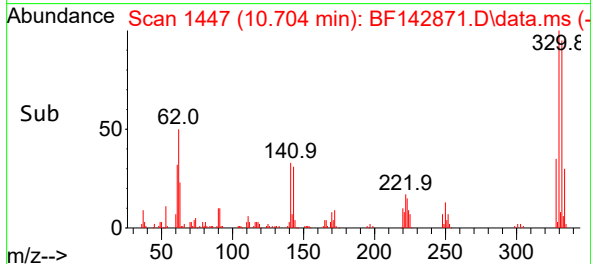


#42
2,4,6-Tribromophenol
Concen: 43.925 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF142871.D
Acq: 26 Jun 2025 16:36

Instrument :
BNA_F
ClientSampleId :
MH-G/H

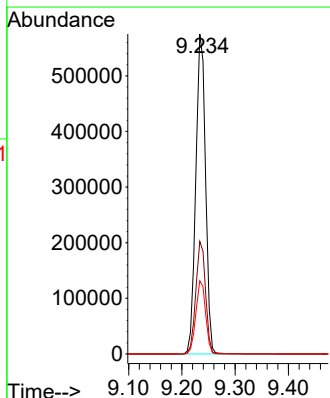
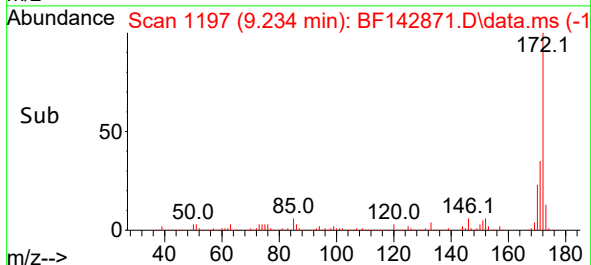
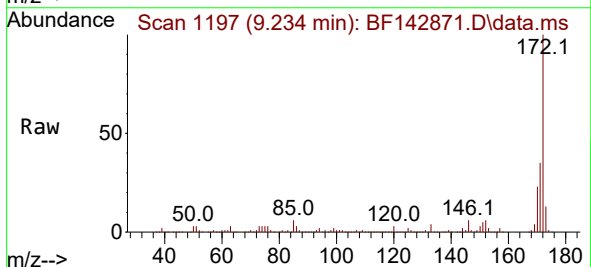


Tgt Ion:330 Resp: 73729
Ion Ratio Lower Upper
330 100
332 94.0 75.0 112.6
141 31.9 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 59.206 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.011 min
Lab File: BF142871.D
Acq: 26 Jun 2025 16:36

Tgt Ion:172 Resp: 735128
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 22.9 18.5 27.7

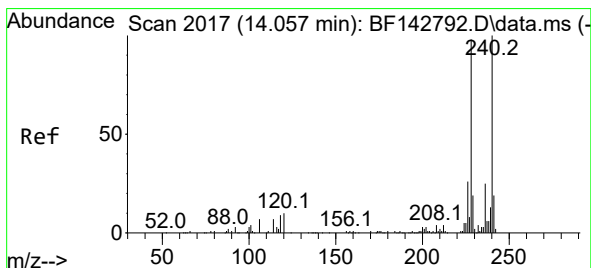
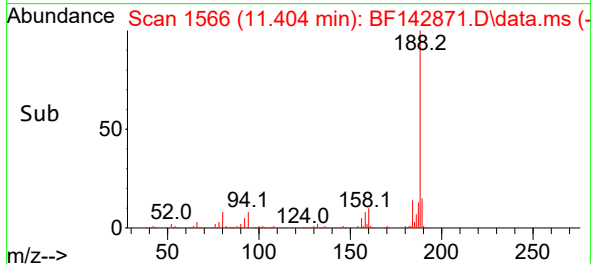
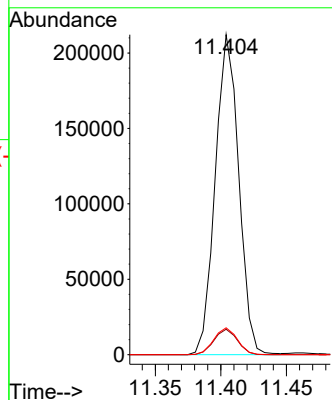
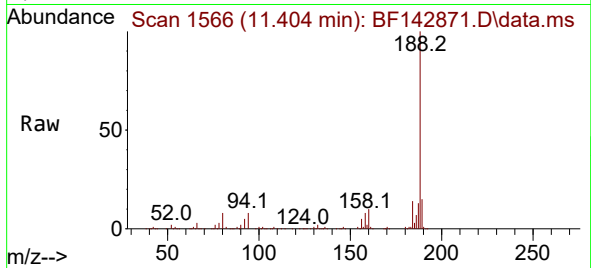




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142871.D
Acq: 26 Jun 2025 16:36

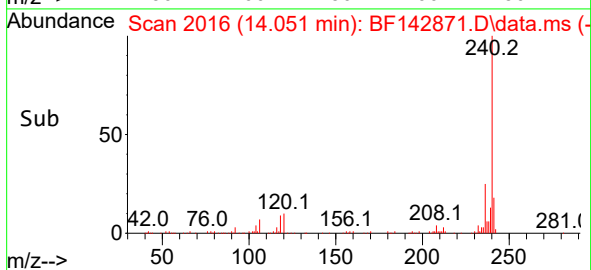
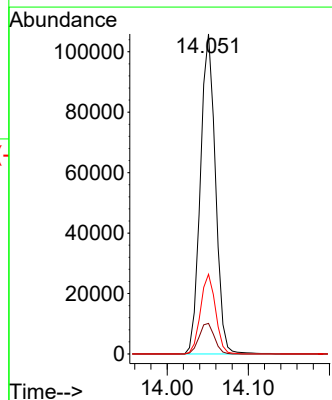
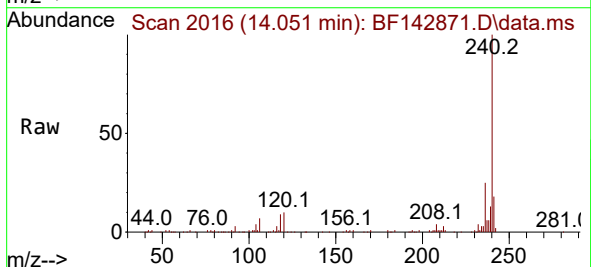
Instrument :
BNA_F
ClientSampleId :
MH-G/H

Tgt Ion:188 Resp: 263736
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.4 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142871.D
Acq: 26 Jun 2025 16:36

Tgt Ion:240 Resp: 136341
Ion Ratio Lower Upper
240 100
120 9.5 8.2 12.2
236 24.9 19.8 29.8

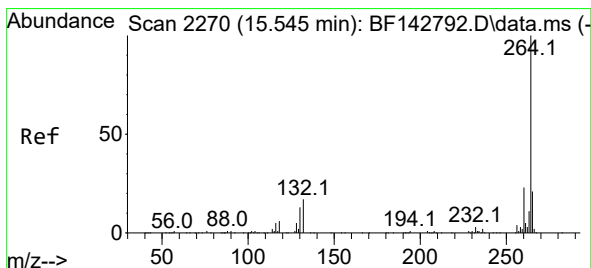
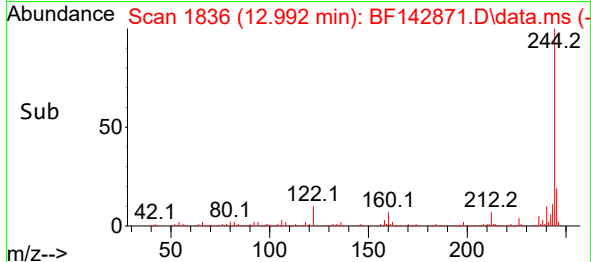
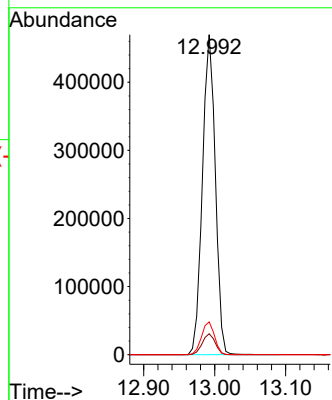
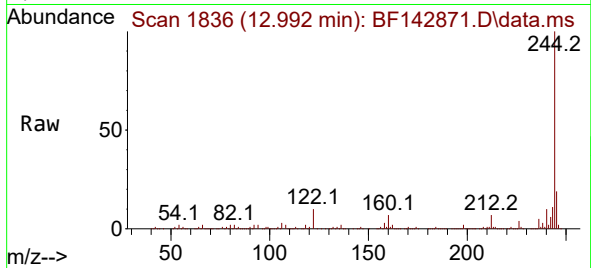




#79
 Terphenyl-d14
 Concen: 60.210 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142871.D
 Acq: 26 Jun 2025 16:36

Instrument :
 BNA_F
 ClientSampleId :
 MH-G/H

Tgt Ion:244 Resp: 594132
 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: 15.539 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF142871.D
 Acq: 26 Jun 2025 16:36

Tgt Ion:264 Resp: 163907
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.1 27.1
 265 21.8 16.6 25.0

