

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
 Data File : BF142866.D
 Acq On : 26 Jun 2025 14:07
 Operator : RC/JU
 Sample : Q2394-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-K/L

Quant Time: Jun 26 14:40:19 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)

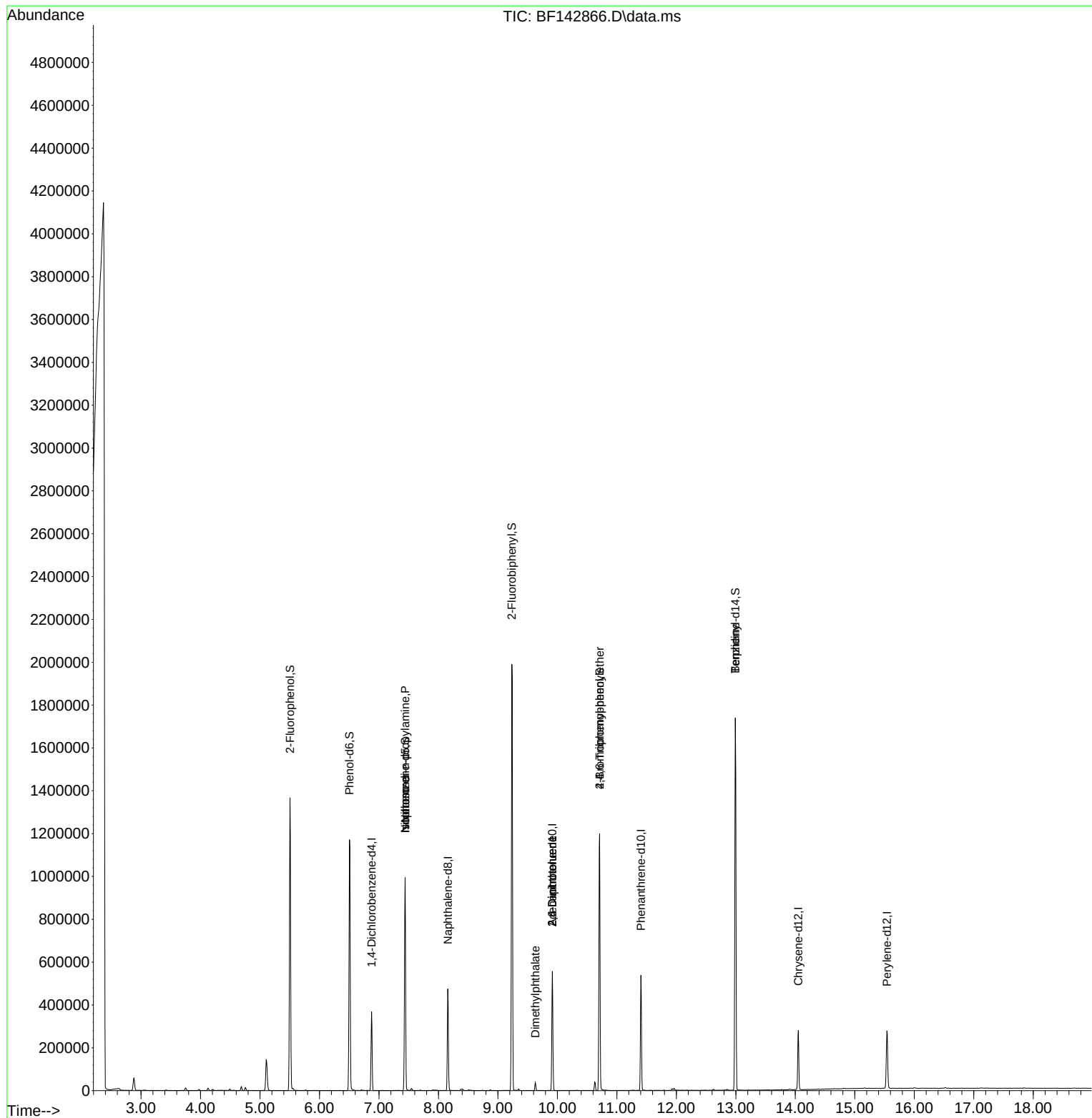
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	80484	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	309602	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	167213	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	277880	20.000	ng	0.00
76) Chrysene-d12	14.051	240	139541	20.000	ng	0.00
86) Perylene-d12	15.539	264	163205	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	530415	109.724	ng	0.01
7) Phenol-d6	6.504	99	574316	100.699	ng	0.00
23) Nitrobenzene-d5	7.439	82	434083	76.905	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	217322	126.296	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	930472	73.100	ng	-0.01
79) Terphenyl-d14	12.992	244	842527	83.425	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	57963	17.474	ng	# 77
25) Isophorone	7.439	82	434144	47.948	ng	# 62
50) Dimethylphthalate	9.628	163	21986	2.031	ng	99
51) 2,6-Dinitrotoluene	9.916	165	21211	8.923	ng	# 26
57) 2,4-Dinitrotoluene	9.916	165	21211	6.718	ng	# 27
67) 4-Bromophenyl-phenylether	10.710	248	13661	4.320	ng	# 1
77) Benzidine	12.992	184	11261	2.148	ng	# 93

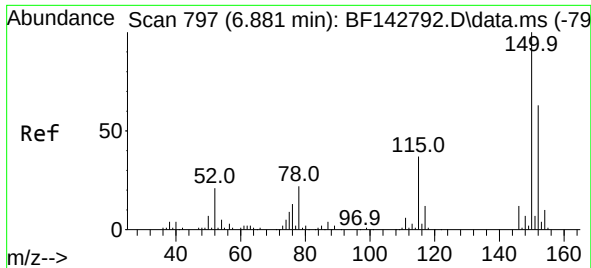
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
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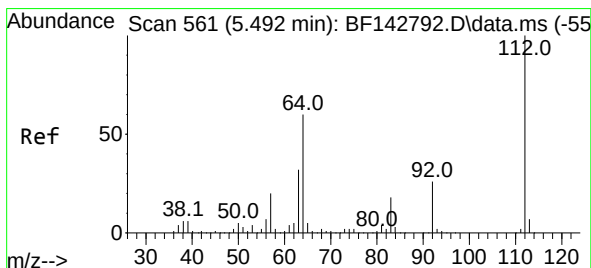
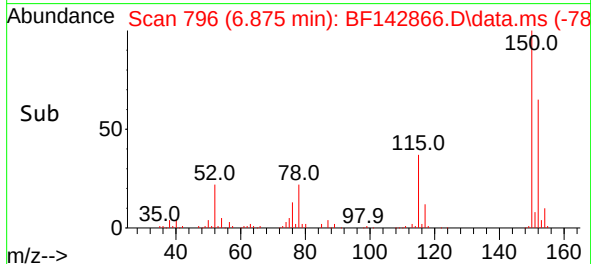
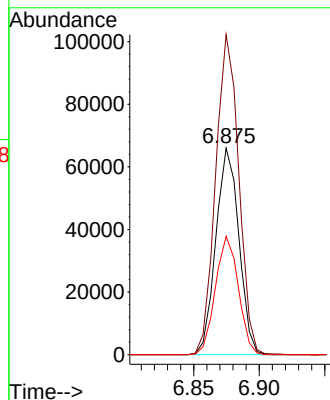
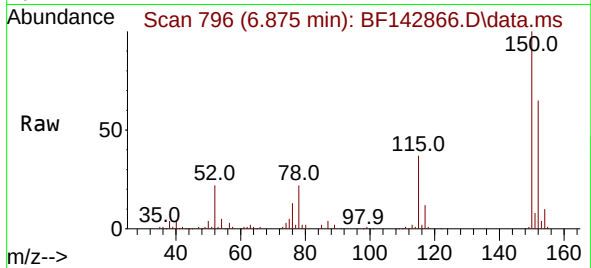




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142866.D
Acq: 26 Jun 2025 14:07

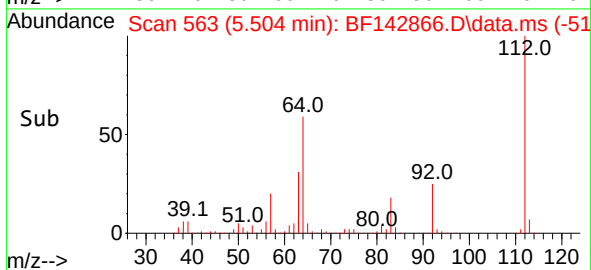
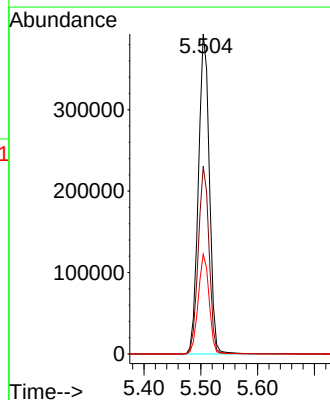
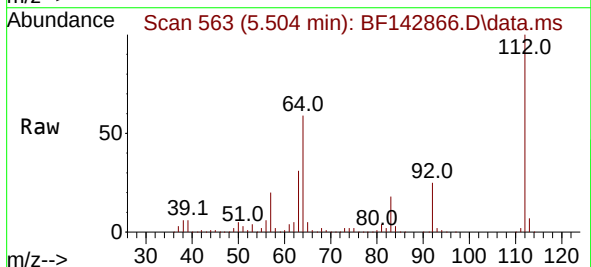
Instrument :
BNA_F
ClientSampleId :
MH-K/L

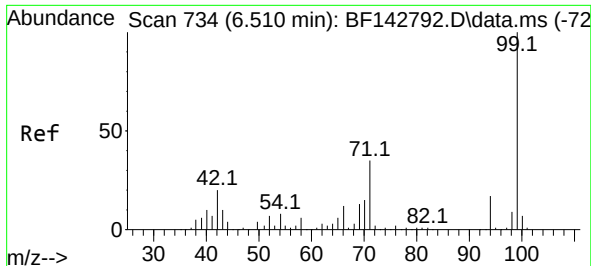
Tgt Ion:152 Resp: 80484
Ion Ratio Lower Upper
152 100
150 155.0 127.2 190.8
115 57.3 46.6 69.8



#5
2-Fluorophenol
Concen: 109.724 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF142866.D
Acq: 26 Jun 2025 14:07

Tgt Ion:112 Resp: 530415
Ion Ratio Lower Upper
112 100
64 58.6 48.2 72.2
63 31.2 25.7 38.5

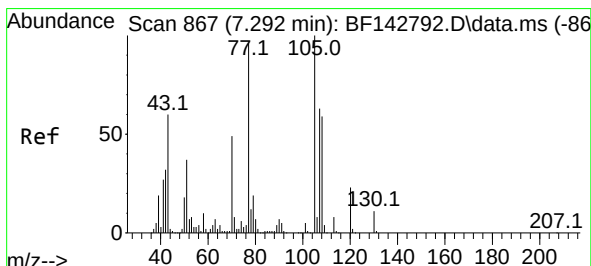
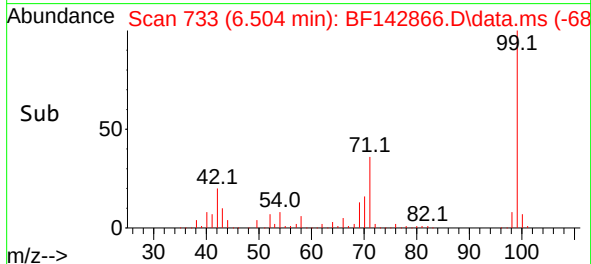
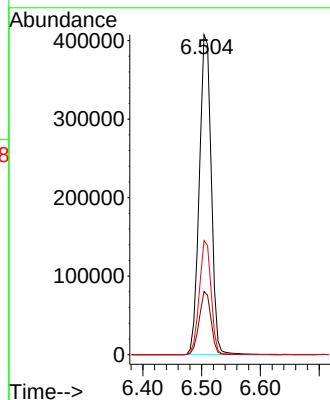
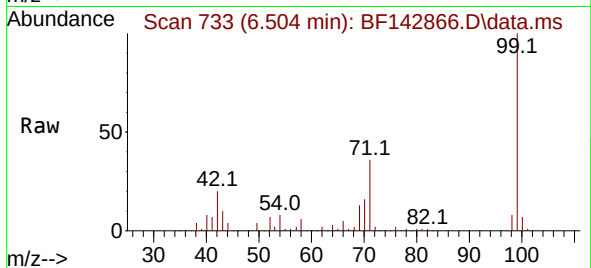




#7
Phenol-d6
Concen: 100.699 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142866.D
Acq: 26 Jun 2025 14:07

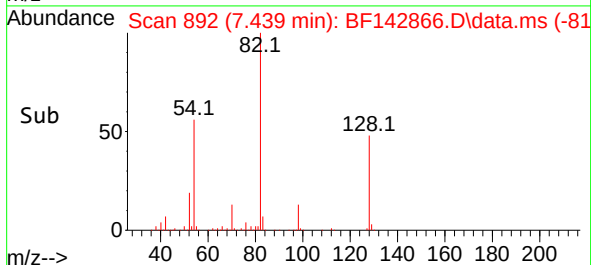
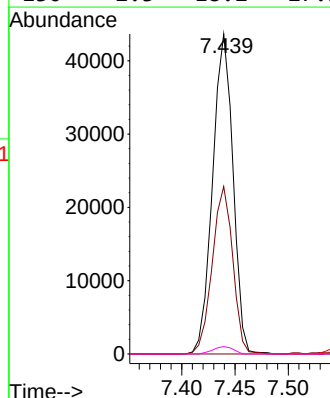
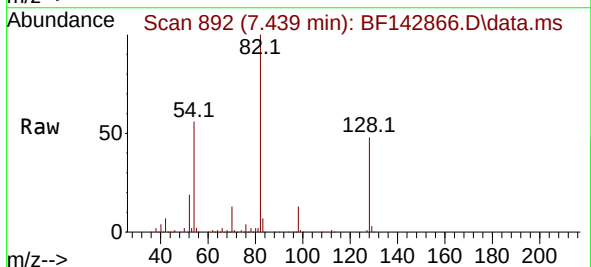
Instrument :
BNA_F
ClientSampleId :
MH-K/L

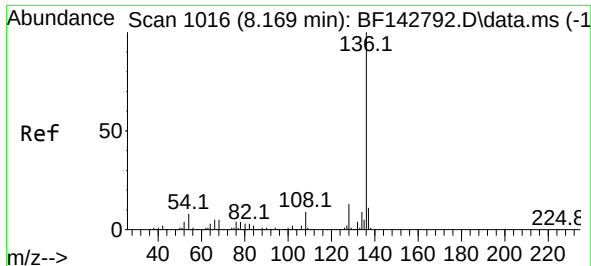
Tgt Ion: 99 Resp: 574316
Ion Ratio Lower Upper
99 100
42 19.8 15.9 23.9
71 35.6 27.8 41.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.474 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.147 min
Lab File: BF142866.D
Acq: 26 Jun 2025 14:07

Tgt Ion: 70 Resp: 57963
Ion Ratio Lower Upper
70 100
42 52.3 52.1 78.1
101 0.0 8.2 12.2#
130 2.3 18.2 27.2#

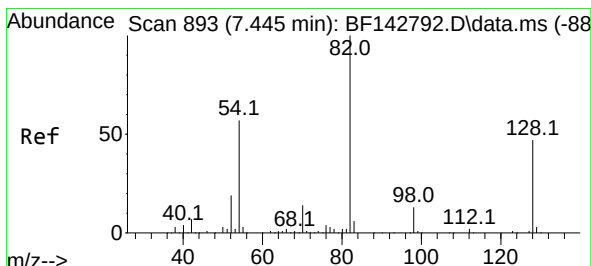
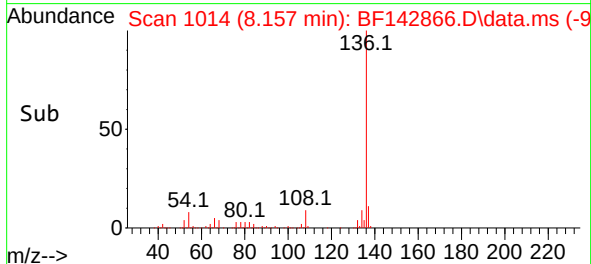
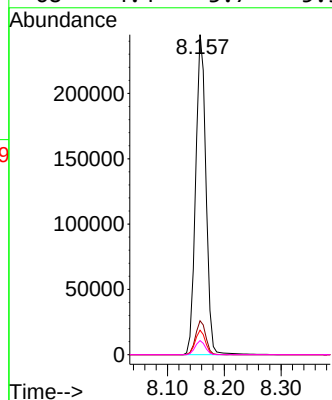
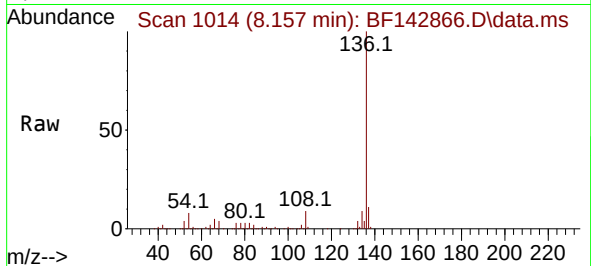




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142866.D
Acq: 26 Jun 2025 14:07

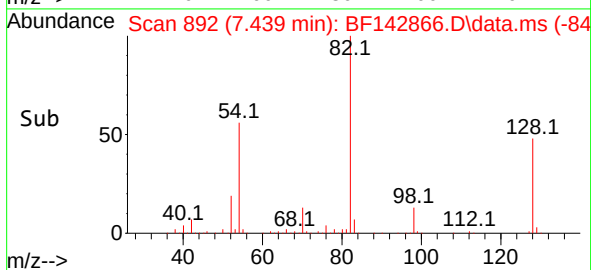
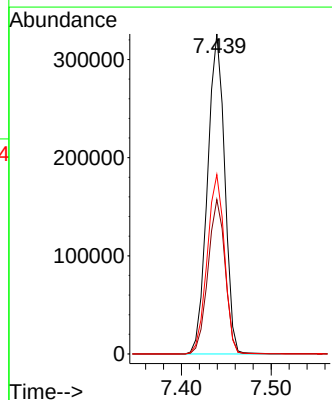
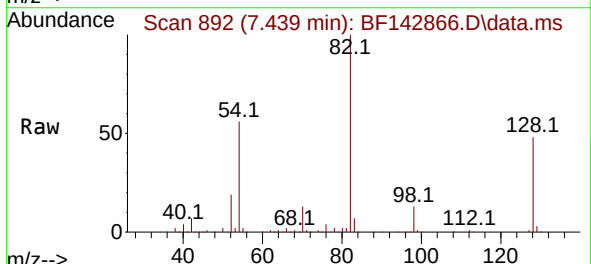
Instrument :
BNA_F
ClientSampleId :
MH-K/L

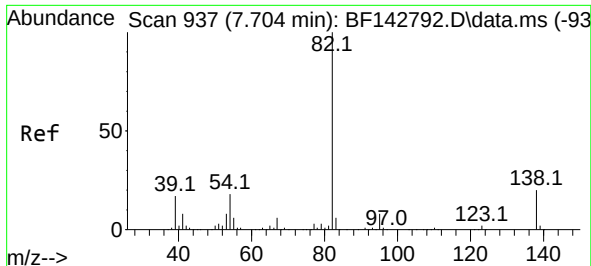
Tgt Ion:136 Resp: 309602
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.7 6.3 9.5
68 4.4 3.7 5.5



#23
Nitrobenzene-d5
Concen: 76.905 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF142866.D
Acq: 26 Jun 2025 14:07

Tgt Ion: 82 Resp: 434083
Ion Ratio Lower Upper
82 100
128 48.3 37.7 56.5
54 56.0 45.7 68.5

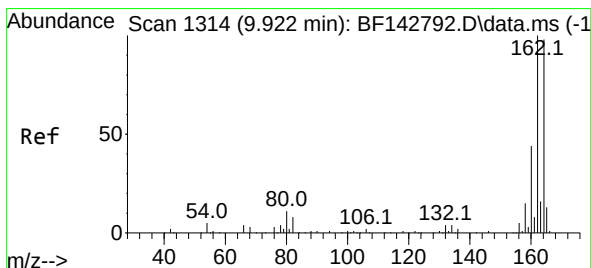
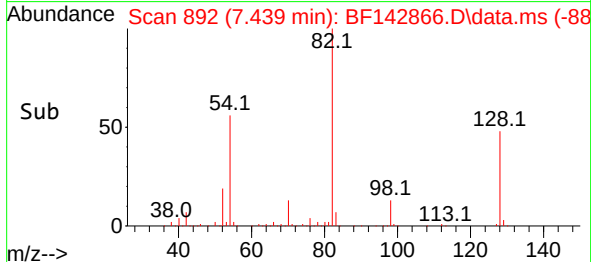
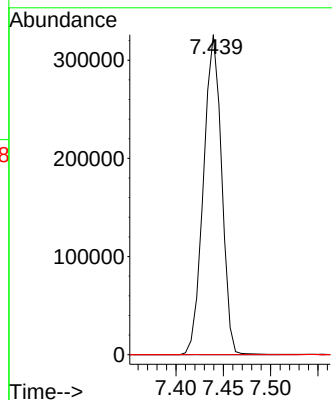
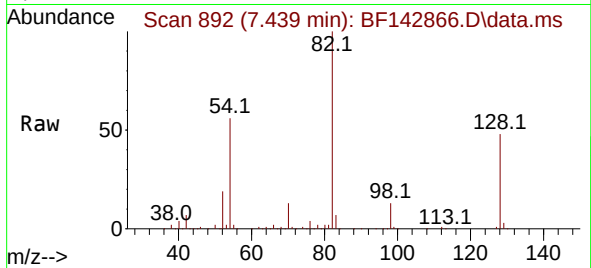




#25
Isophorone
Concen: 47.948 ng
RT: 7.439 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF142866.D
Acq: 26 Jun 2025 14:07

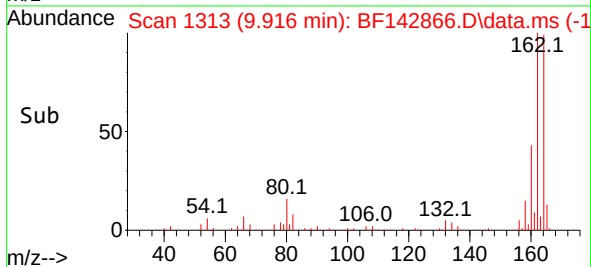
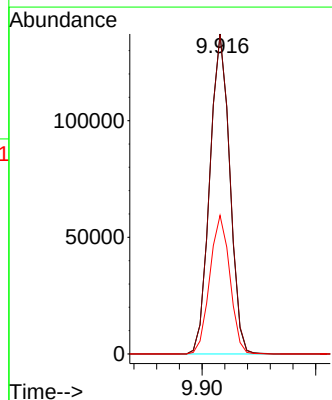
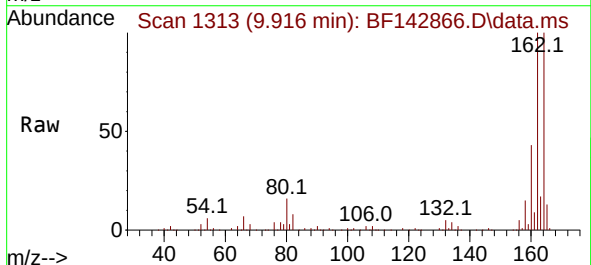
Instrument :
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ClientSampleId :
MH-K/L

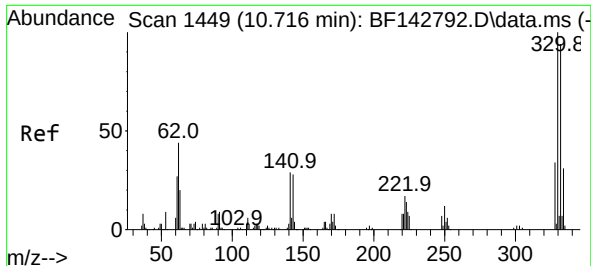
Tgt Ion: 82 Resp: 434144
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 16.2 24.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF142866.D
Acq: 26 Jun 2025 14:07

Tgt Ion:164 Resp: 167213
Ion Ratio Lower Upper
164 100
162 99.9 81.8 122.8
160 43.3 36.0 54.0

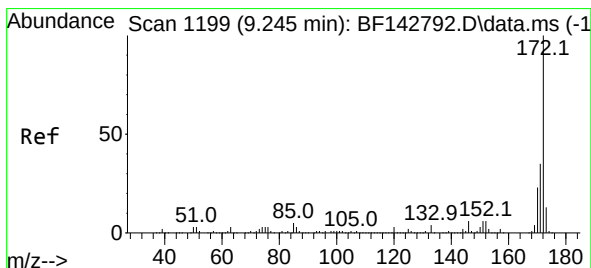
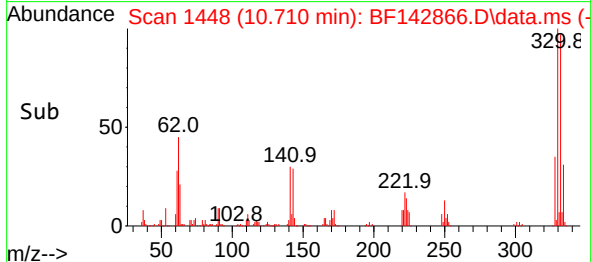
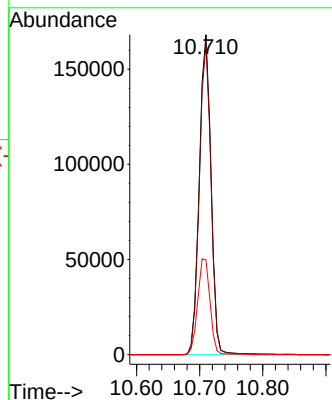
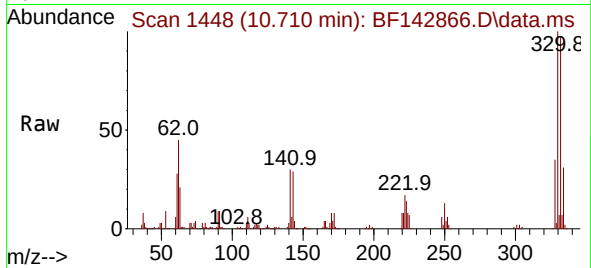




#42
2,4,6-Tribromophenol
Concen: 126.296 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142866.D
Acq: 26 Jun 2025 14:07

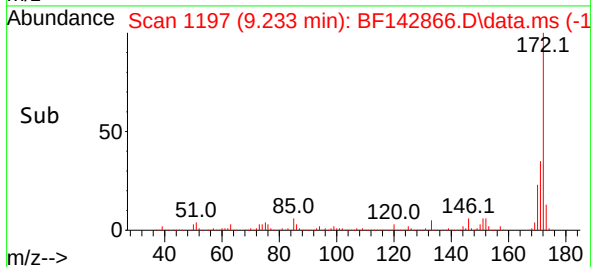
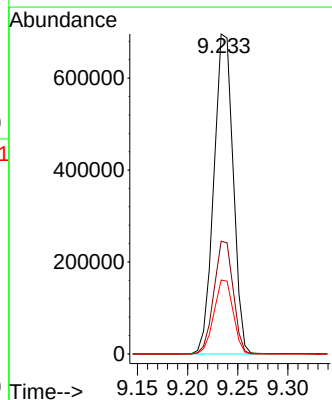
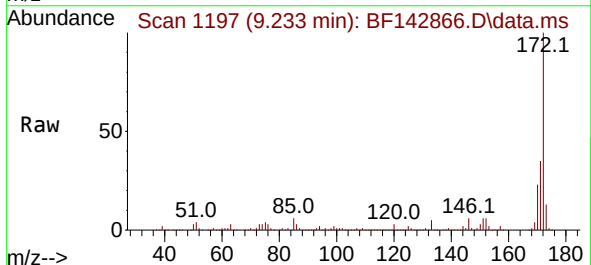
Instrument :
BNA_F
ClientSampleId :
MH-K/L

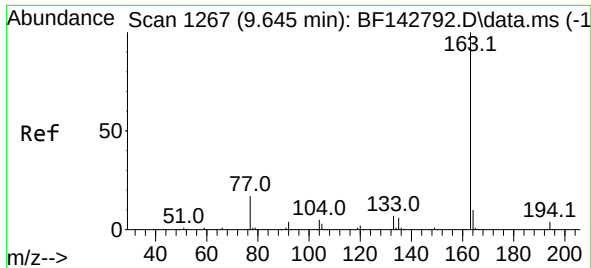
Tgt Ion: 330 Resp: 217322
Ion Ratio Lower Upper
330 100
332 96.9 75.0 112.6
141 31.5 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 73.100 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF142866.D
Acq: 26 Jun 2025 14:07

Tgt Ion: 172 Resp: 930472
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.1 18.5 27.7

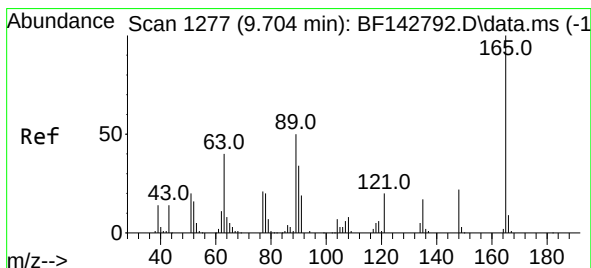
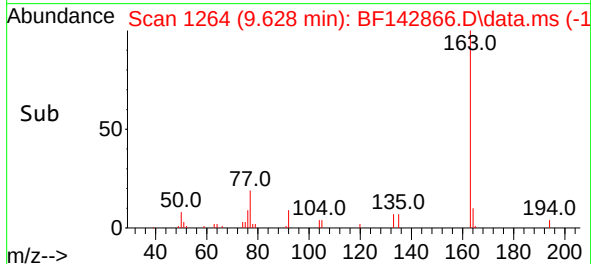
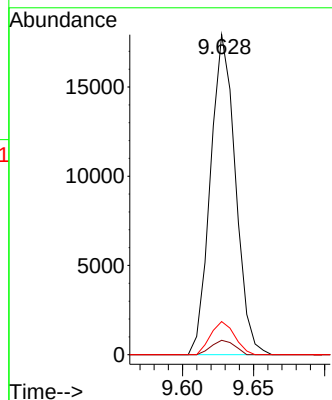
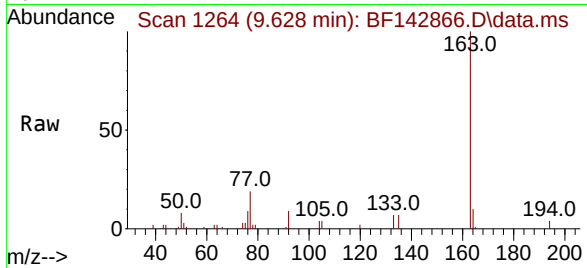




#50
Dimethylphthalate
Concen: 2.031 ng
RT: 9.628 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF142866.D
Acq: 26 Jun 2025 14:07

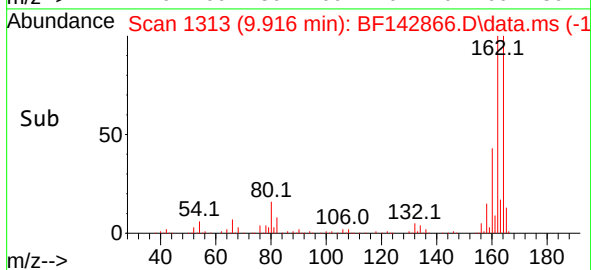
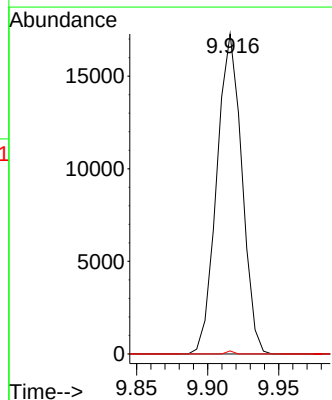
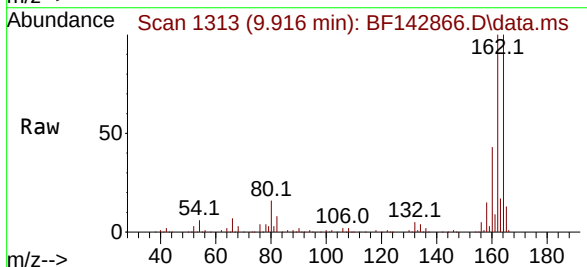
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ClientSampleId :
MH-K/L

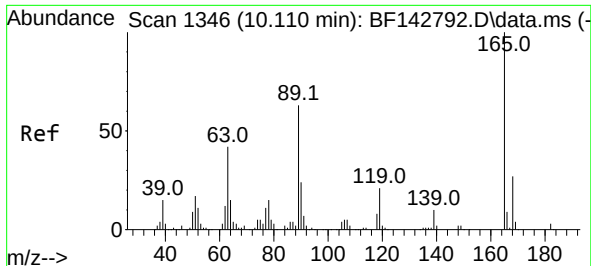
Tgt Ion:163 Resp: 21986
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 10.4 8.0 12.0



#51
2,6-Dinitrotoluene
Concen: 8.923 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.212 min
Lab File: BF142866.D
Acq: 26 Jun 2025 14:07

Tgt Ion:165 Resp: 21211
Ion Ratio Lower Upper
165 100
63 0.0 44.2 66.4#
89 1.0 39.8 59.8#

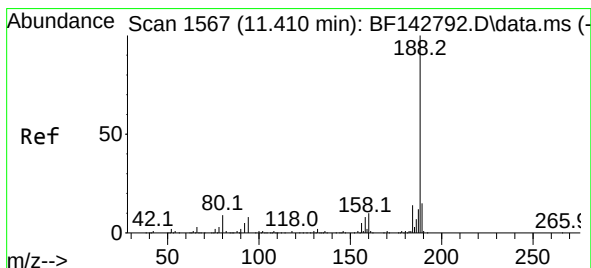
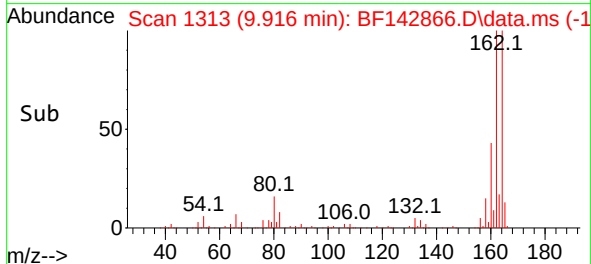
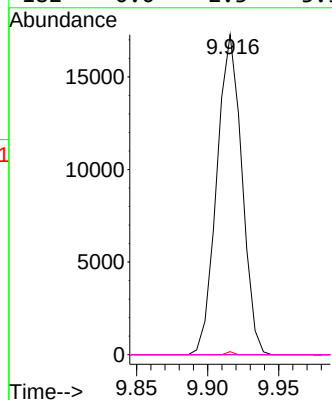
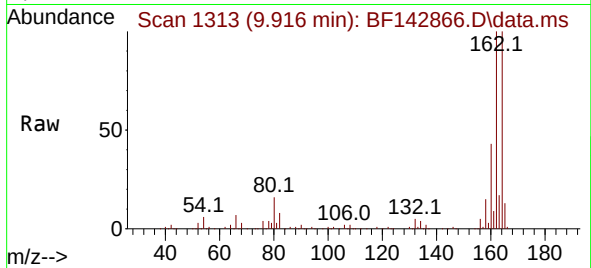




#57
2,4-Dinitrotoluene
Concen: 6.718 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF142866.D
Acq: 26 Jun 2025 14:07

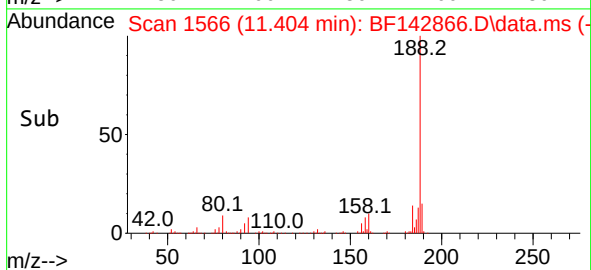
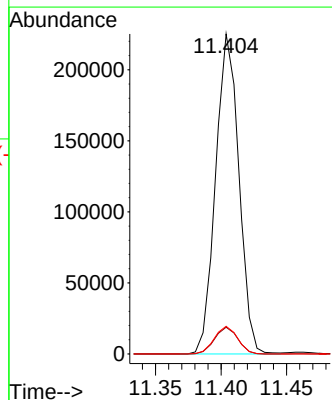
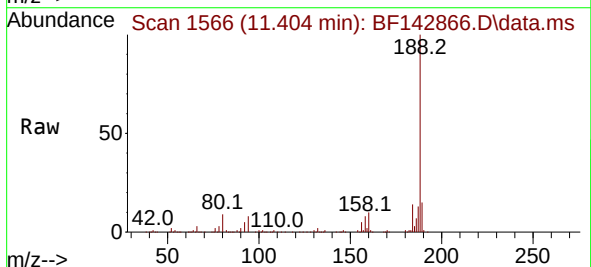
Instrument :
BNA_F
ClientSampleId :
MH-K/L

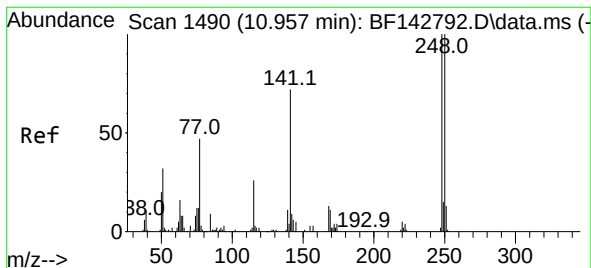
Tgt Ion:165 Resp: 21211
Ion Ratio Lower Upper
165 100
63 0.0 33.9 50.9#
89 1.0 50.6 75.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF142866.D
Acq: 26 Jun 2025 14:07

Tgt Ion:188 Resp: 277880
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 8.7 6.9 10.3

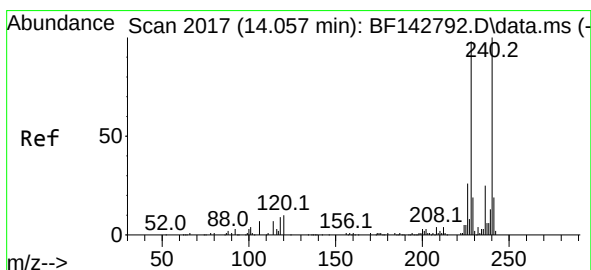
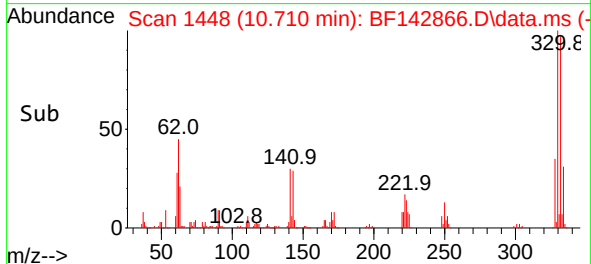
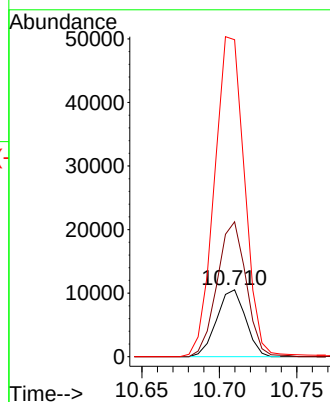
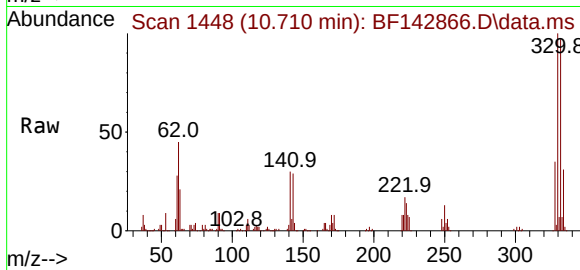




#67
4-Bromophenyl-phenylether
Concen: 4.320 ng
RT: 10.710 min Scan# 1490
Delta R.T. -0.247 min
Lab File: BF142866.D
Acq: 26 Jun 2025 14:07

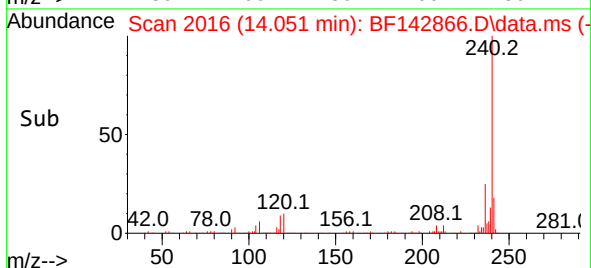
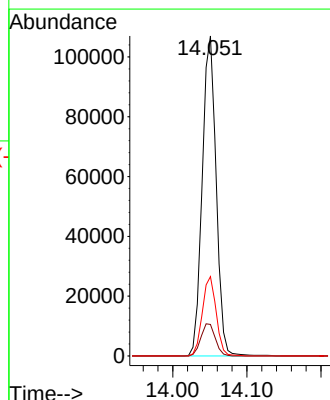
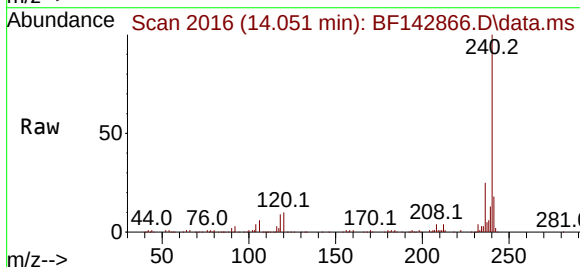
Instrument :
BNA_F
ClientSampleId :
MH-K/L

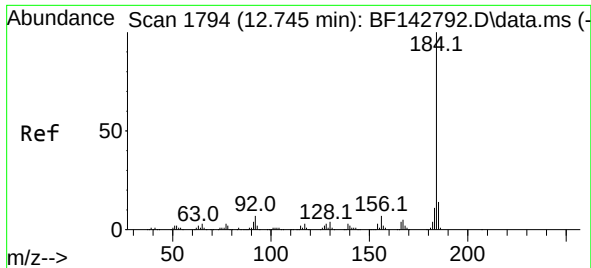
Tgt Ion:248 Resp: 13661
Ion Ratio Lower Upper
248 100
250 201.6 79.8 119.8#
141 474.0 57.8 86.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142866.D
Acq: 26 Jun 2025 14:07

Tgt Ion:240 Resp: 139541
Ion Ratio Lower Upper
240 100
120 9.9 8.2 12.2
236 24.8 19.8 29.8

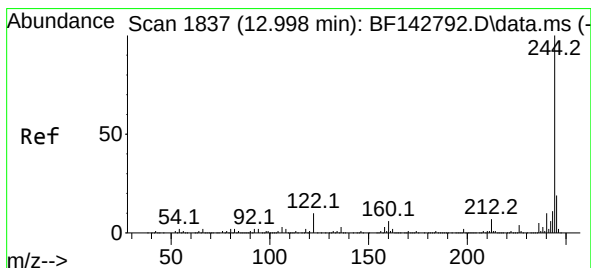
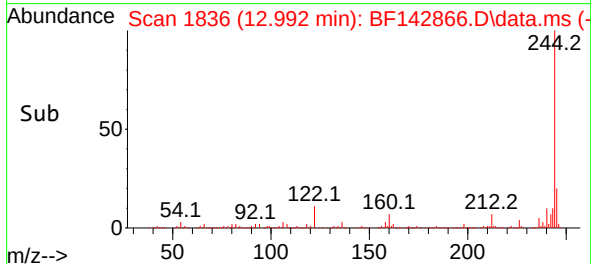
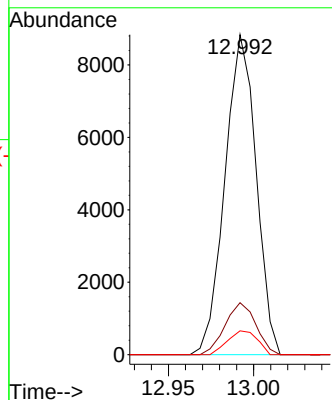
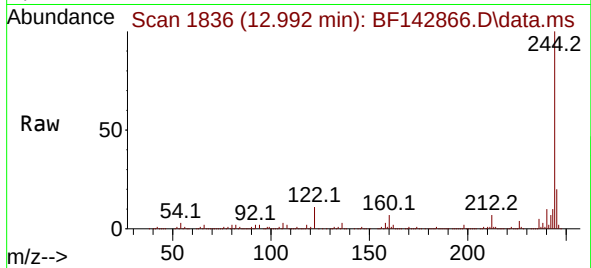




#77
Benzidine
Concen: 2.148 ng
RT: 12.992 min Scan# 1836
Delta R.T. 0.247 min
Lab File: BF142866.D
Acq: 26 Jun 2025 14:07

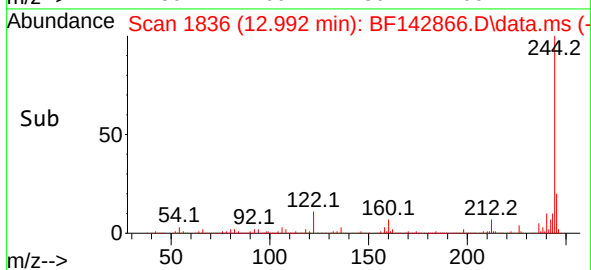
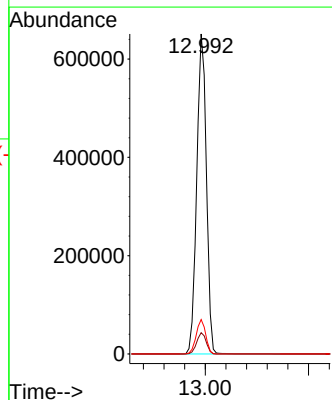
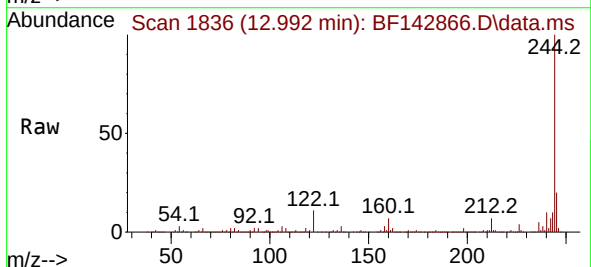
Instrument :
BNA_F
ClientSampleId :
MH-K/L

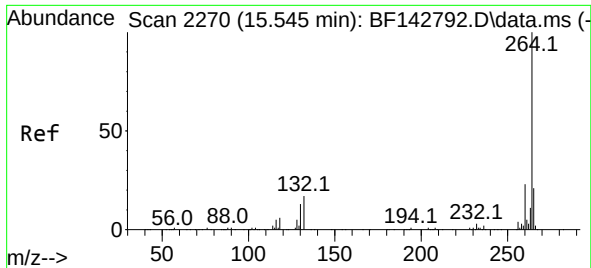
Tgt Ion:184 Resp: 11261
Ion Ratio Lower Upper
184 100
185 16.2 11.5 17.3
183 7.5 9.0 13.4#



#79
Terphenyl-d14
Concen: 83.425 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF142866.D
Acq: 26 Jun 2025 14:07

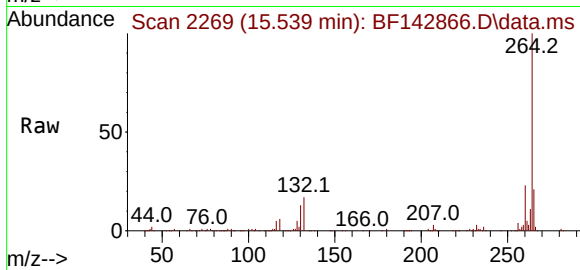
Tgt Ion:244 Resp: 842527
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 10.7 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142866.D
 Acq: 26 Jun 2025 14:07

Instrument :
 BNA_F
 ClientSampleId :
 MH-K/L



Tgt Ion:264 Resp: 163205
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.1 27.1
 265 20.8 16.6 25.0

