

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
 Data File : BF142860.D
 Acq On : 26 Jun 2025 11:07
 Operator : RC/JU
 Sample : PB168614BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168614BL

Quant Time: Jun 26 11:56:56 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	88228	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	339552	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	183081	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	326284	20.000	ng	0.00
76) Chrysene-d12	14.051	240	216050	20.000	ng	0.00
86) Perylene-d12	15.545	264	169865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	628510	118.604	ng	0.01
7) Phenol-d6	6.504	99	737474	117.957	ng	0.00
23) Nitrobenzene-d5	7.440	82	464072	74.966	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	236213	125.377	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1013654	72.733	ng	-0.01
79) Terphenyl-d14	12.998	244	1102042	70.479	ng	0.00

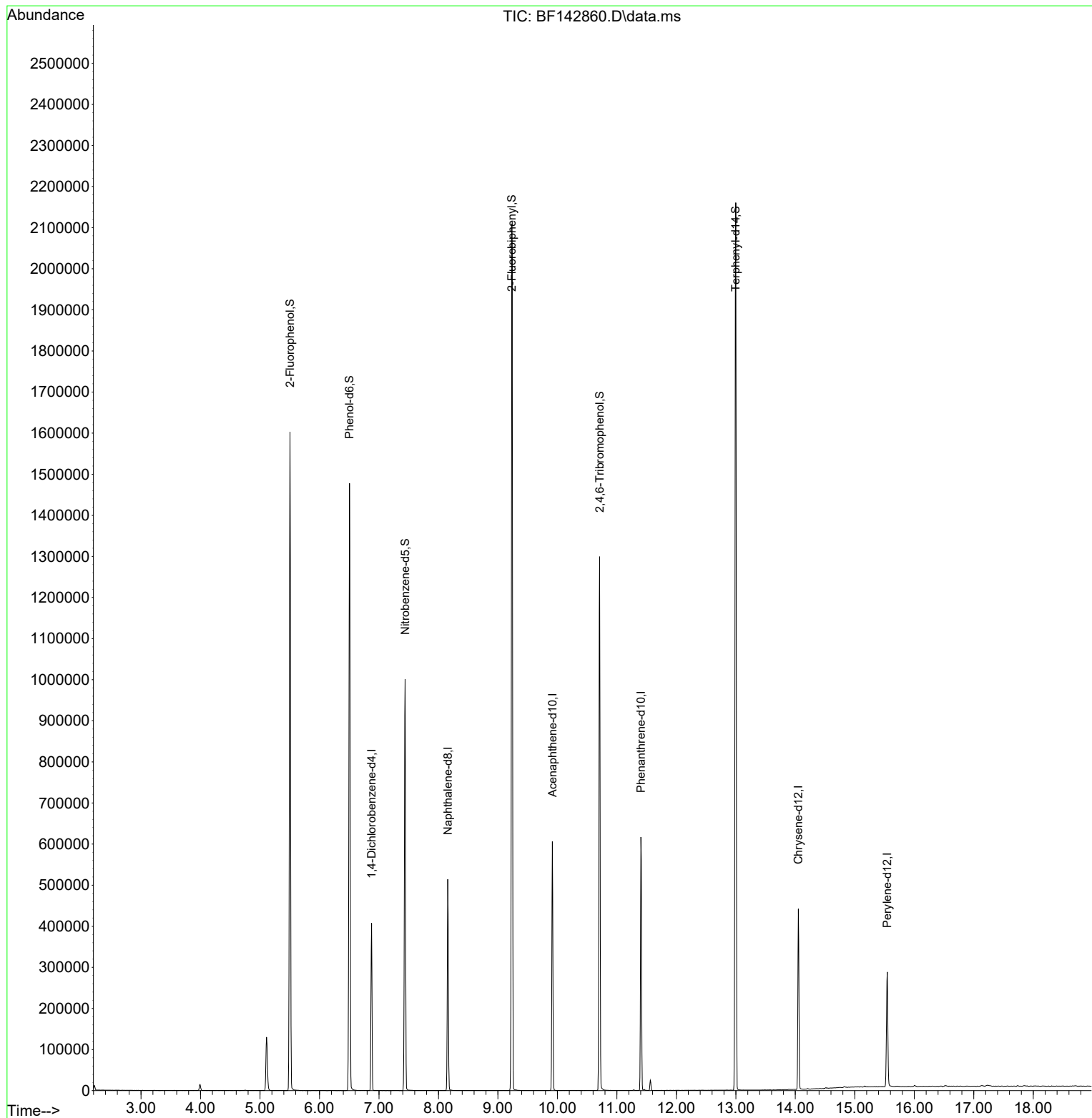
Target Compounds	Qvalue

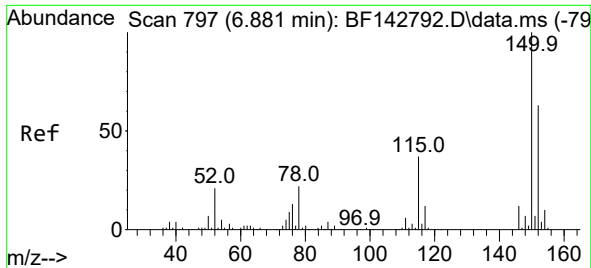
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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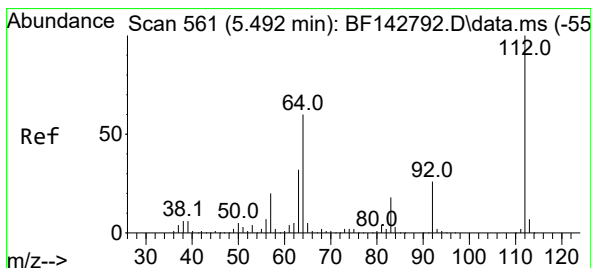
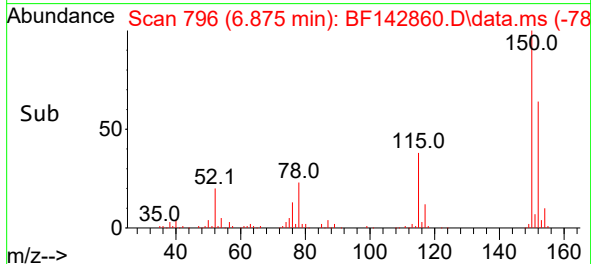
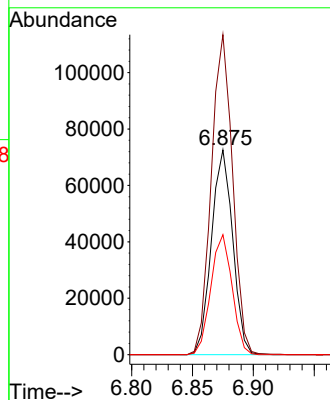
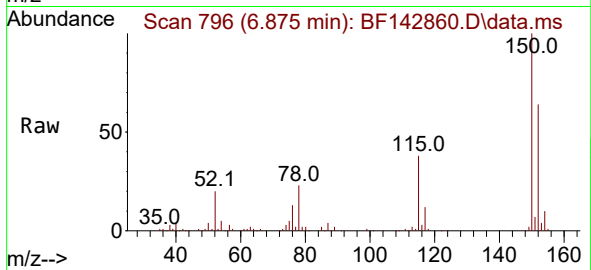




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142860.D
Acq: 26 Jun 2025 11:07

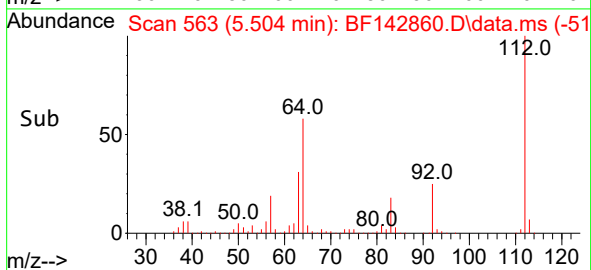
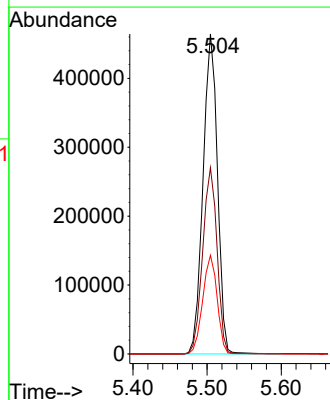
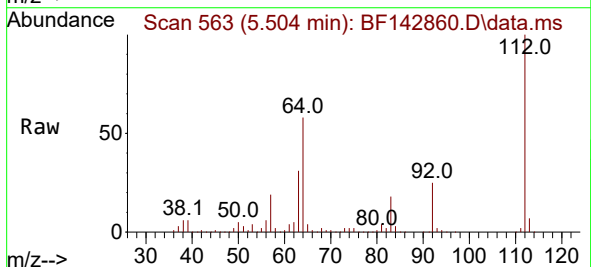
Instrument :
BNA_F
ClientSampleId :
PB168614BL

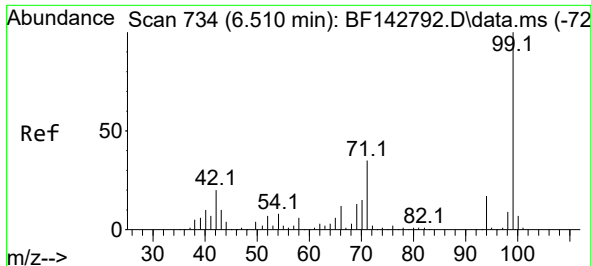
Tgt Ion:152 Resp: 88228
Ion Ratio Lower Upper
152 100
150 156.2 127.2 190.8
115 58.6 46.6 69.8



#5
2-Fluorophenol
Concen: 118.604 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF142860.D
Acq: 26 Jun 2025 11:07

Tgt Ion:112 Resp: 628510
Ion Ratio Lower Upper
112 100
64 58.2 48.2 72.2
63 30.9 25.7 38.5

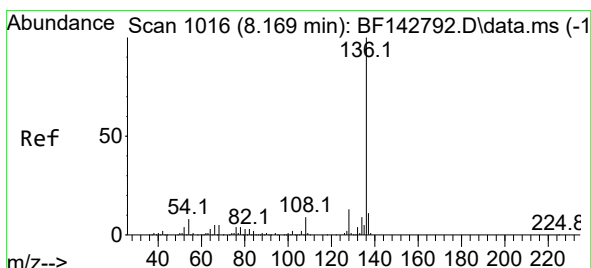
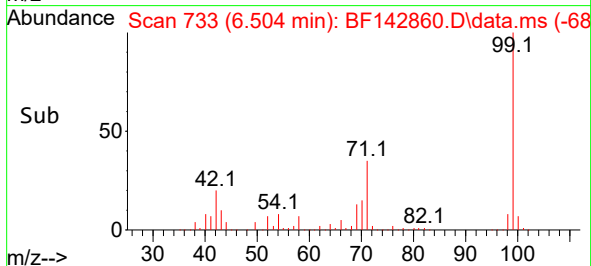
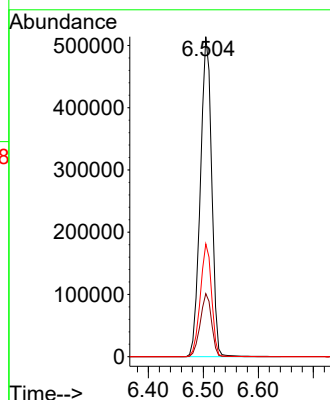
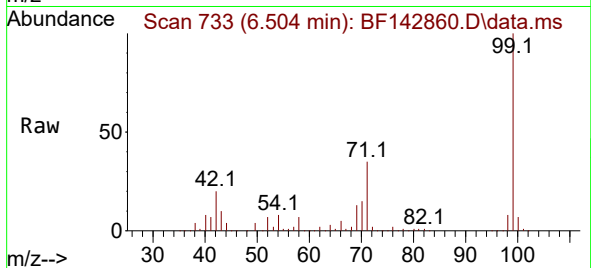




#7
Phenol-d6
Concen: 117.957 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142860.D
Acq: 26 Jun 2025 11:07

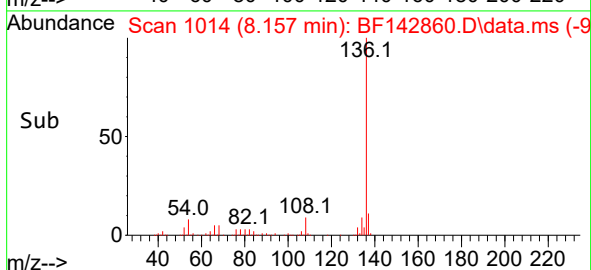
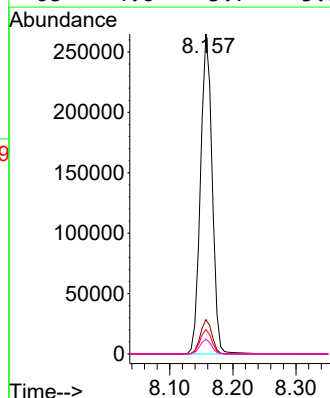
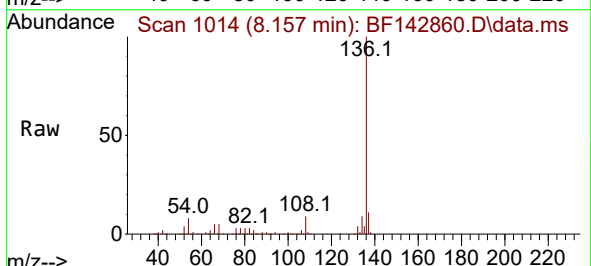
Instrument :
BNA_F
ClientSampleId :
PB168614BL

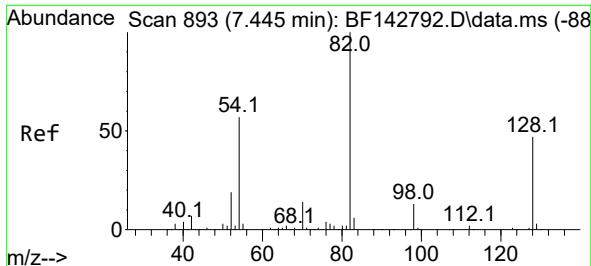
Tgt Ion: 99 Resp: 737474
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 35.3 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142860.D
Acq: 26 Jun 2025 11:07

Tgt Ion: 136 Resp: 339552
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.7 6.3 9.5
68 4.6 3.7 5.5





#23

Nitrobenzene-d5

Concen: 74.966 ng

RT: 7.440 min Scan# 89

Delta R.T. -0.005 min

Lab File: BF142860.D

Acq: 26 Jun 2025 11:07

Instrument :

BNA_F

ClientSampleId :

PB168614BL

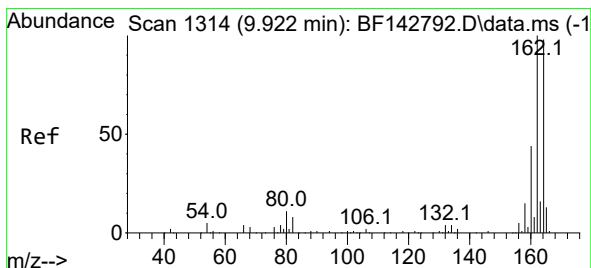
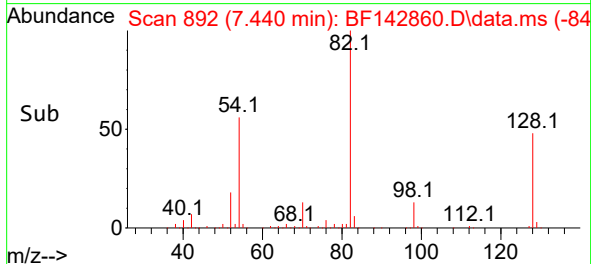
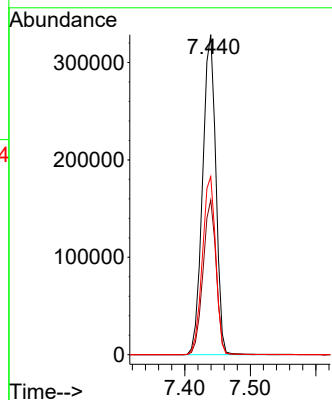
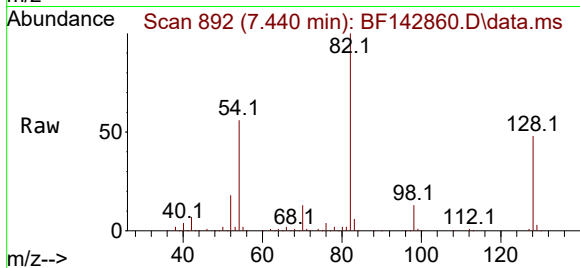
Tgt Ion: 82 Resp: 464072

Ion Ratio Lower Upper

82 100

128 48.4 37.7 56.5

54 55.6 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: BF142860.D

Acq: 26 Jun 2025 11:07

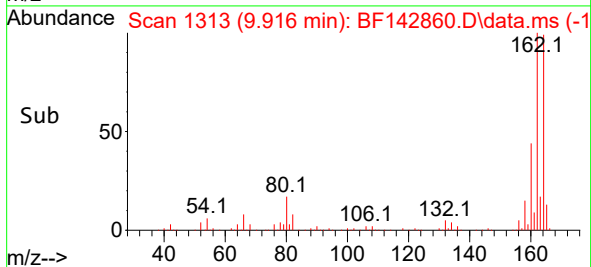
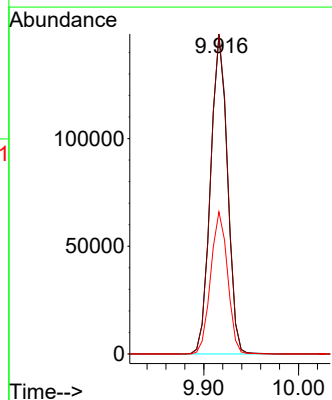
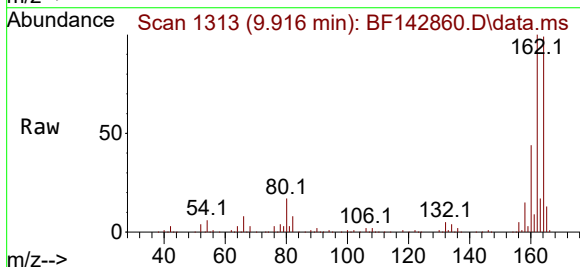
Tgt Ion:164 Resp: 183081

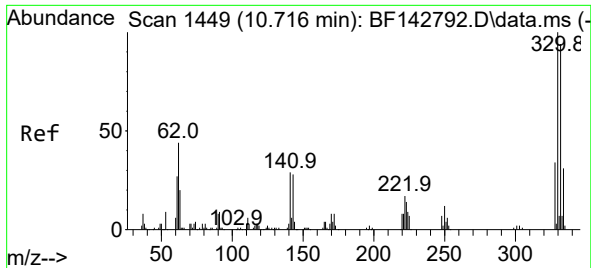
Ion Ratio Lower Upper

164 100

162 100.6 81.8 122.8

160 44.6 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 125.377 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF142860.D

Acq: 26 Jun 2025 11:07

Instrument :

BNA_F

ClientSampleId :

PB168614BL

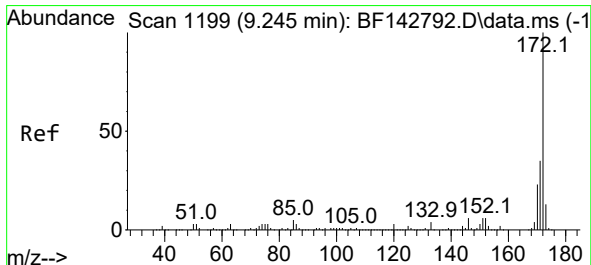
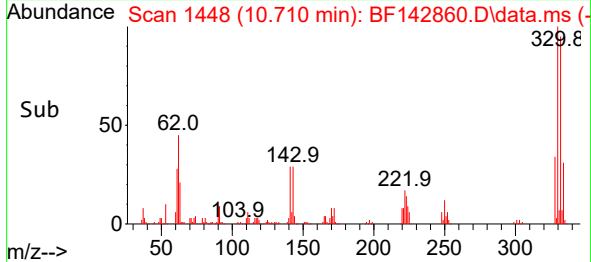
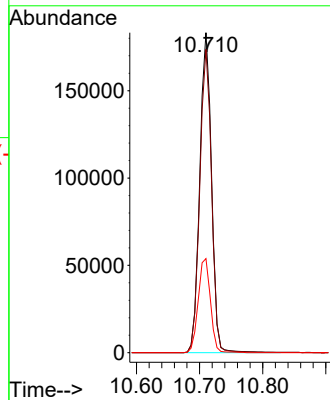
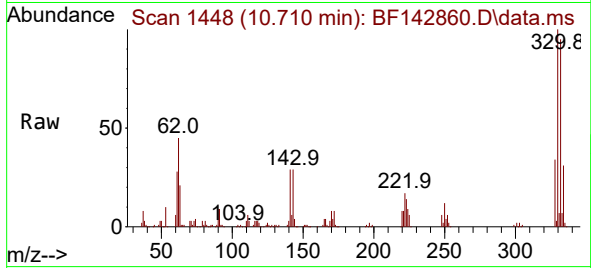
Tgt Ion:330 Resp: 236213

Ion Ratio Lower Upper

330 100

332 95.2 75.0 112.6

141 30.6 25.3 37.9



#45

2-Fluorobiphenyl

Concen: 72.733 ng

RT: 9.234 min Scan# 1197

Delta R.T. -0.011 min

Lab File: BF142860.D

Acq: 26 Jun 2025 11:07

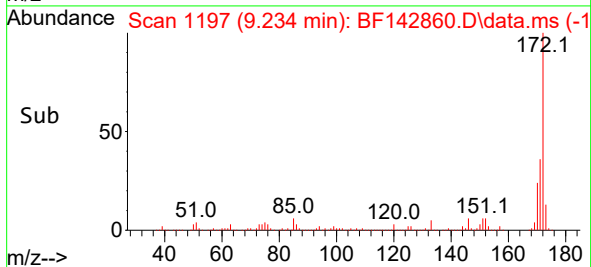
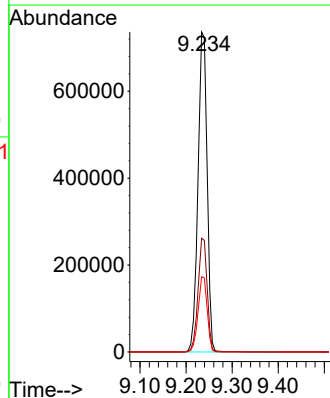
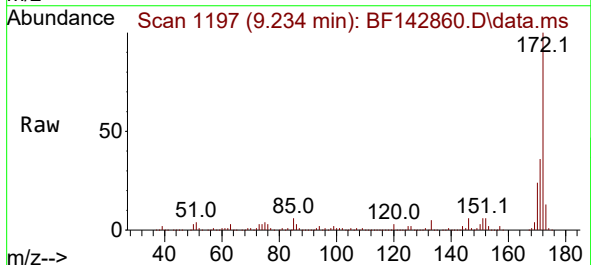
Tgt Ion:172 Resp: 1013654

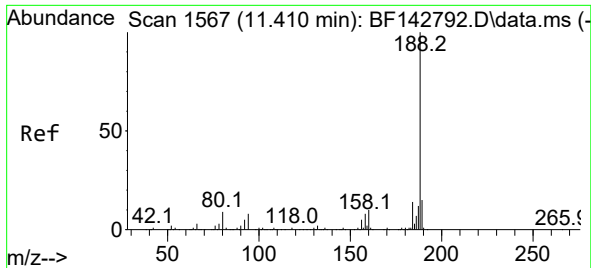
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.4

170 23.5 18.5 27.7

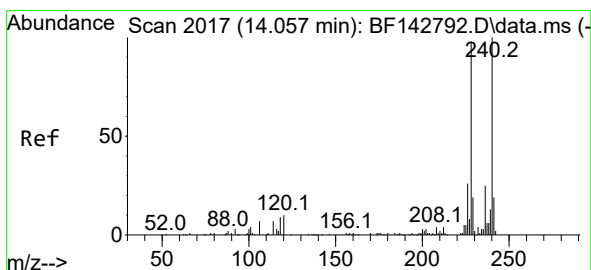
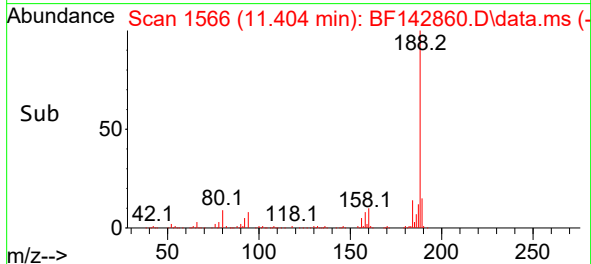
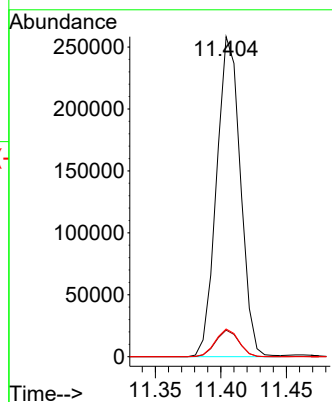
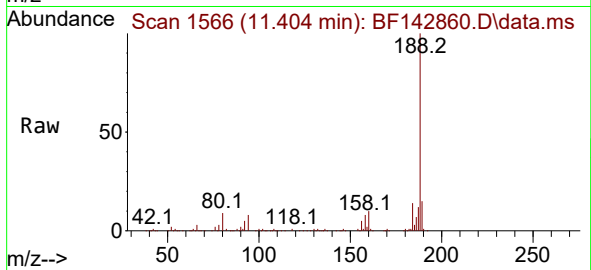




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142860.D
Acq: 26 Jun 2025 11:07

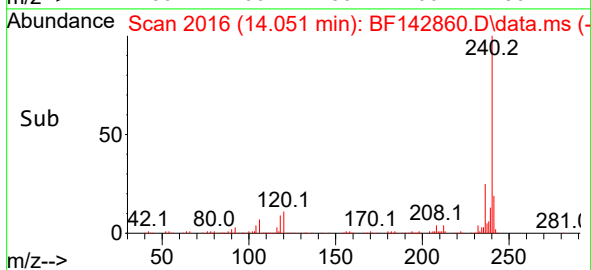
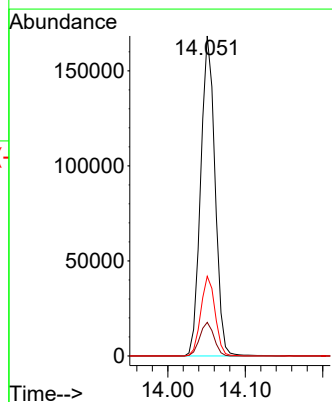
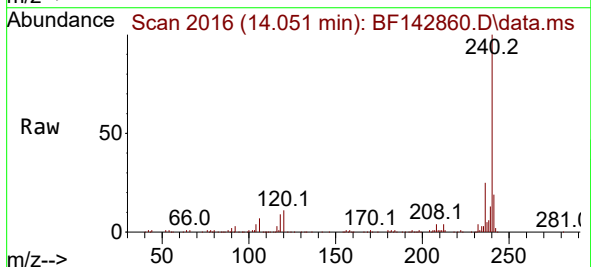
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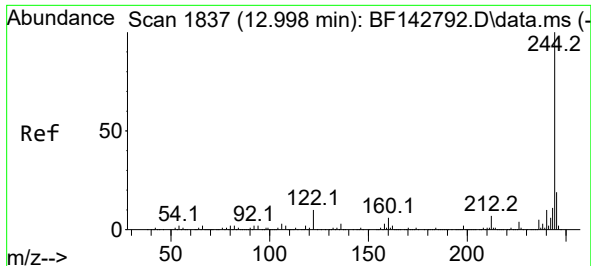
Tgt Ion:188 Resp: 326284
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.7 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142860.D
Acq: 26 Jun 2025 11:07

Tgt Ion:240 Resp: 216050
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.2
236 24.9 19.8 29.8

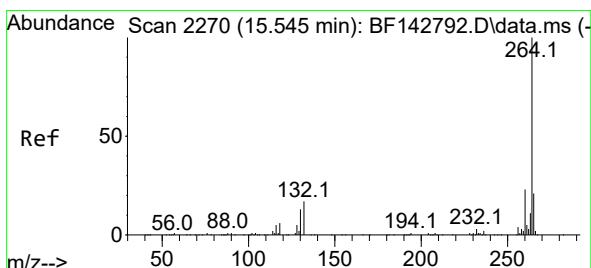
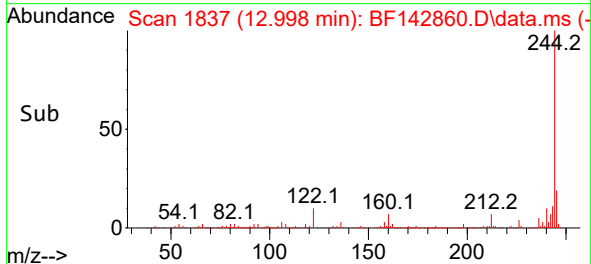
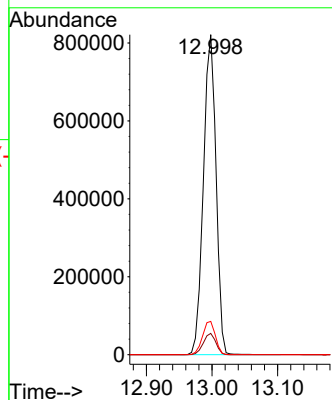
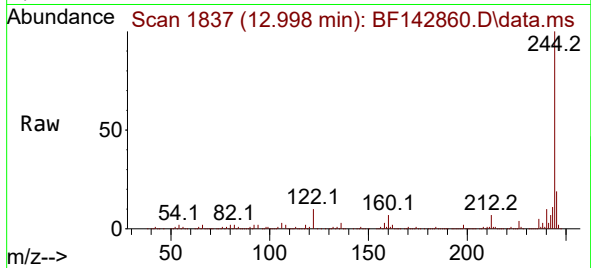




#79
 Terphenyl-d14
 Concen: 70.479 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF142860.D
 Acq: 26 Jun 2025 11:07

Instrument :
 BNA_F
 ClientSampleId :
 PB168614BL

Tgt Ion:244 Resp: 1102042
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.4 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF142860.D
 Acq: 26 Jun 2025 11:07

Tgt Ion:264 Resp: 169865
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.1 27.1
 265 21.1 16.6 25.0

