

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
 Data File : BF142917.D
 Acq On : 30 Jun 2025 16:06
 Operator : RC/JU
 Sample : PB168626TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168626TB

Quant Time: Jun 30 17:05:40 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	6.869	152	68798	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	261774	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	142700	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	248581	20.000	ng	0.00
76) Chrysene-d12	14.051	240	139501	20.000	ng	0.00
86) Perylene-d12	15.545	264	134820	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	509261	123.242	ng	0.01
7) Phenol-d6	6.504	99	602798	123.646	ng	0.00
23) Nitrobenzene-d5	7.434	82	374809	78.536	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	192690	131.217	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	843898	77.688	ng	-0.01
79) Terphenyl-d14	12.992	244	811964	80.422	ng	0.00

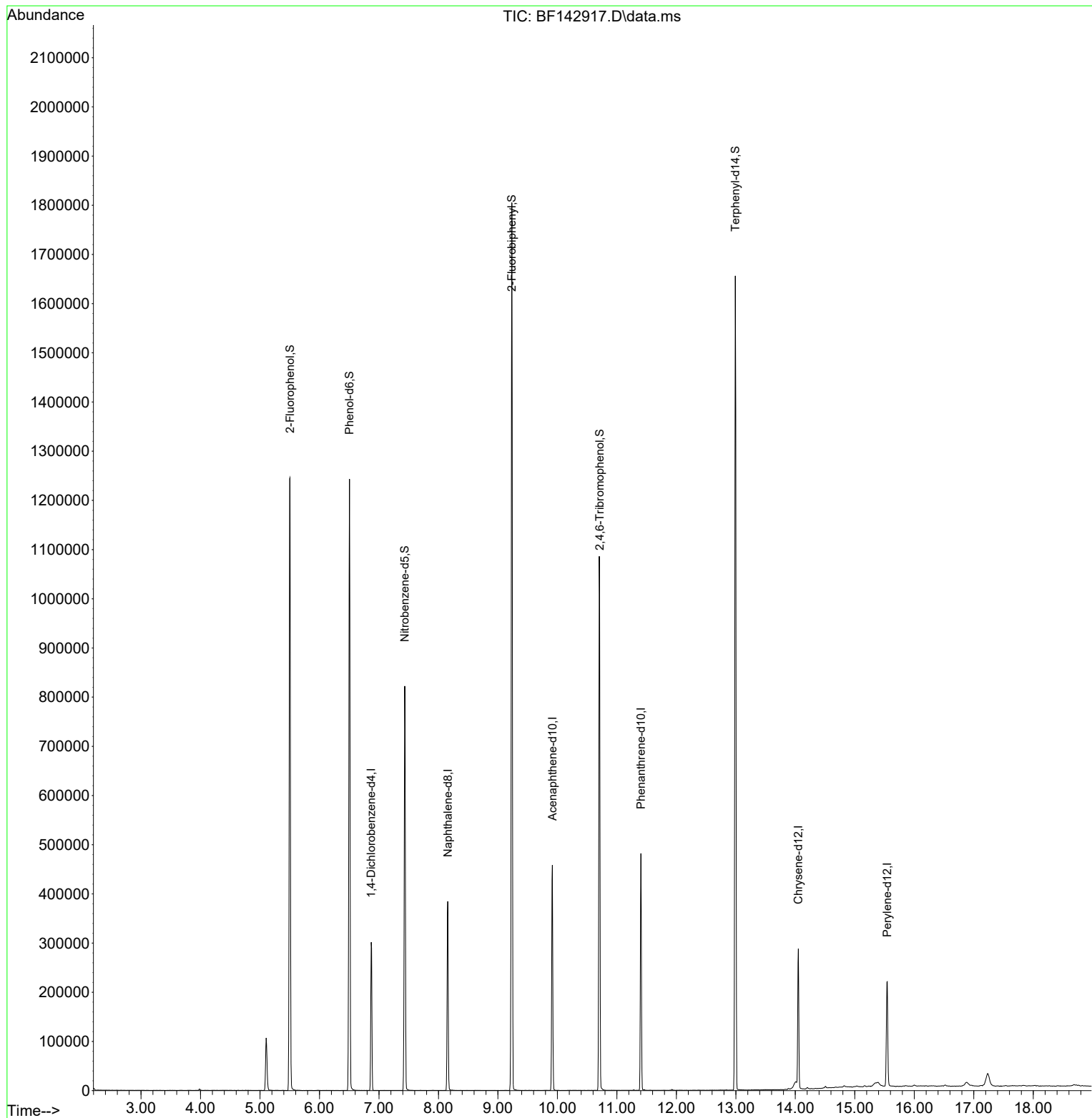
Target Compounds	Qvalue

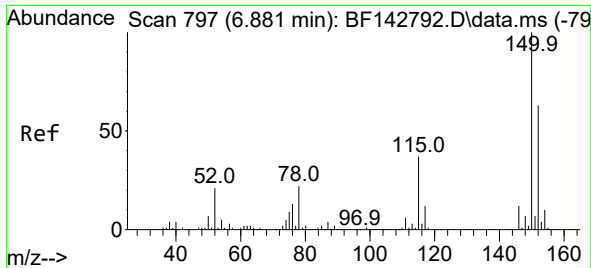
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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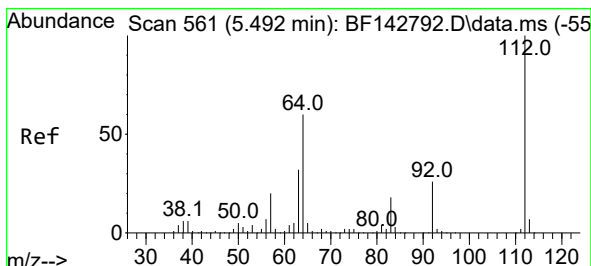
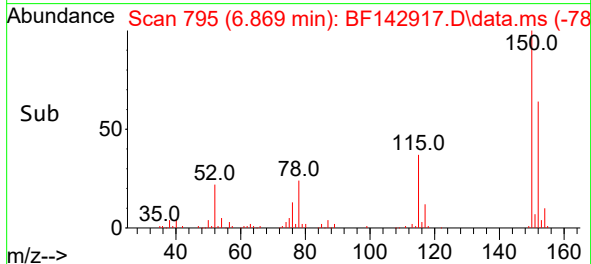
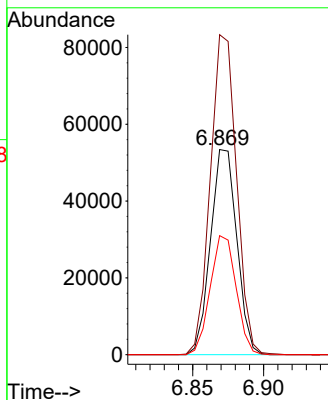
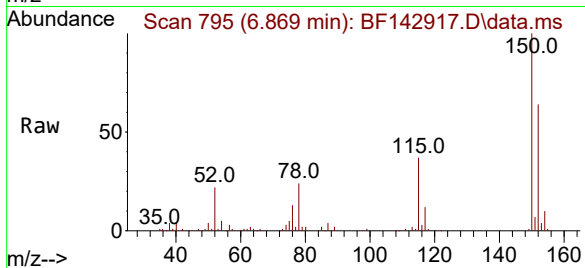




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 797
 Delta R.T. -0.012 min
 Lab File: BF142917.D
 Acq: 30 Jun 2025 16:06

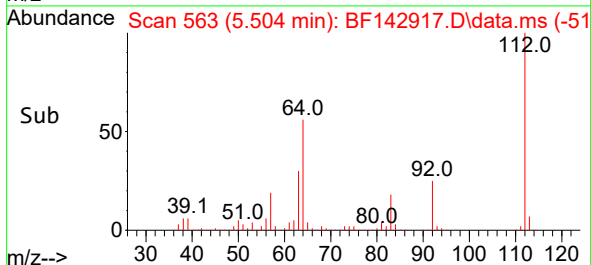
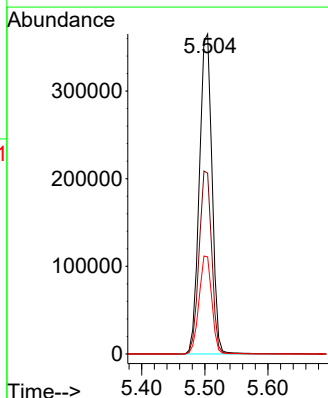
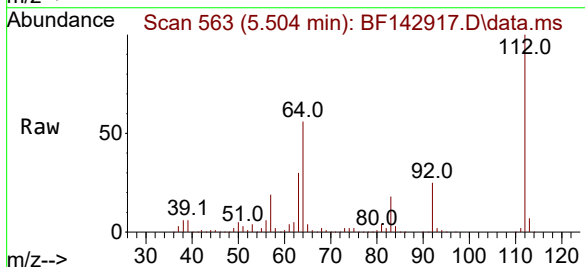
Instrument :
 BNA_F
 ClientSampleId :
 PB168626TB

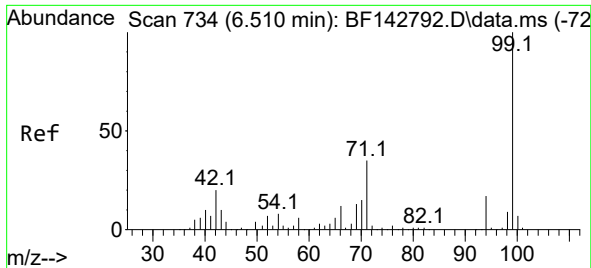
Tgt Ion:152 Resp: 68798
 Ion Ratio Lower Upper
 152 100
 150 156.0 127.2 190.8
 115 58.0 46.6 69.8



#5
 2-Fluorophenol
 Concen: 123.242 ng
 RT: 5.504 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF142917.D
 Acq: 30 Jun 2025 16:06

Tgt Ion:112 Resp: 509261
 Ion Ratio Lower Upper
 112 100
 64 56.5 48.2 72.2
 63 30.4 25.7 38.5

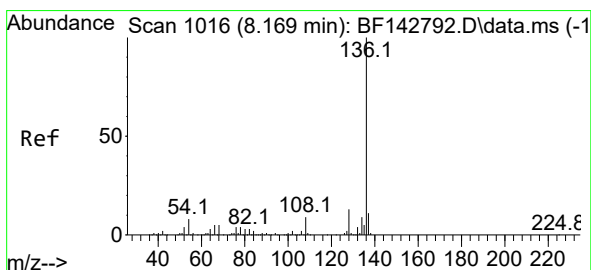
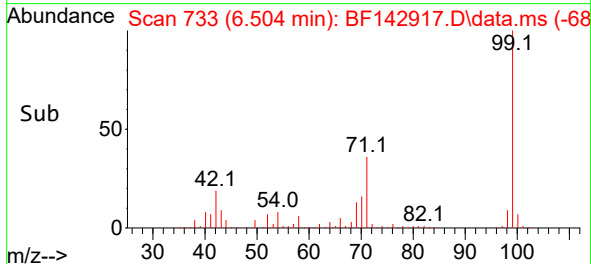
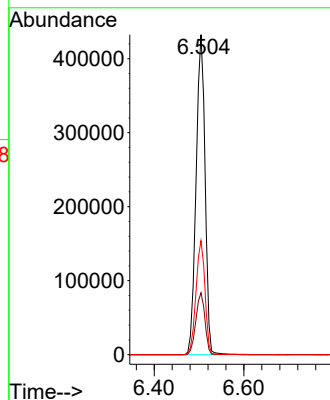
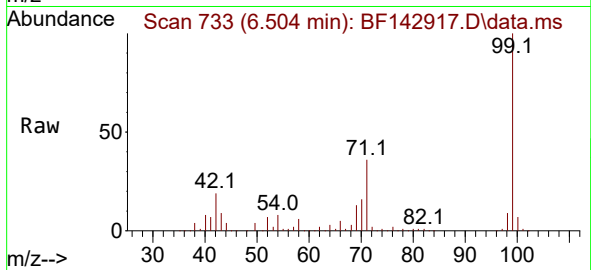




#7
Phenol-d6
Concen: 123.646 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142917.D
Acq: 30 Jun 2025 16:06

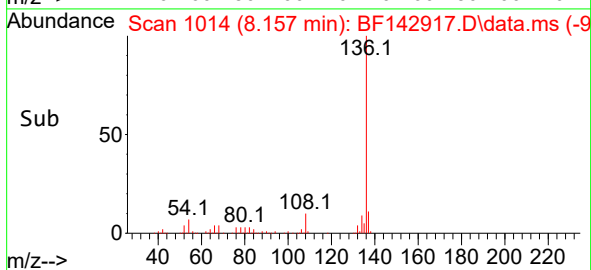
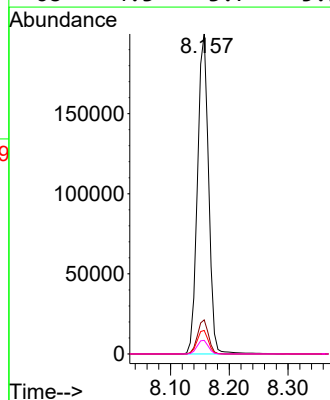
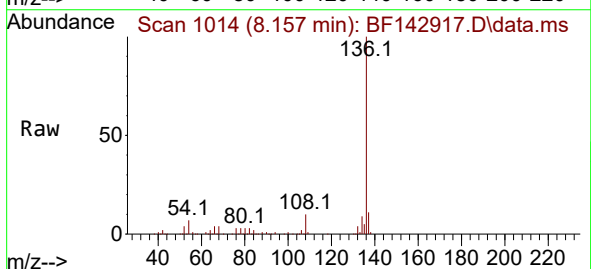
Instrument :
BNA_F
ClientSampleId :
PB168626TB

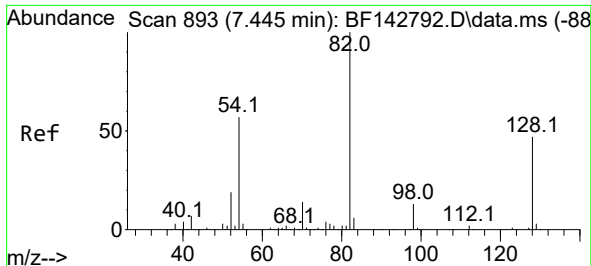
Tgt Ion: 99 Resp: 602798
Ion Ratio Lower Upper
99 100
42 19.4 15.9 23.9
71 35.7 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142917.D
Acq: 30 Jun 2025 16:06

Tgt Ion: 136 Resp: 261774
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.4 6.3 9.5
68 4.3 3.7 5.5





#23

Nitrobenzene-d5

Concen: 78.536 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.011 min

Lab File: BF142917.D

Acq: 30 Jun 2025 16:06

Instrument :

BNA_F

ClientSampleId :

PB168626TB

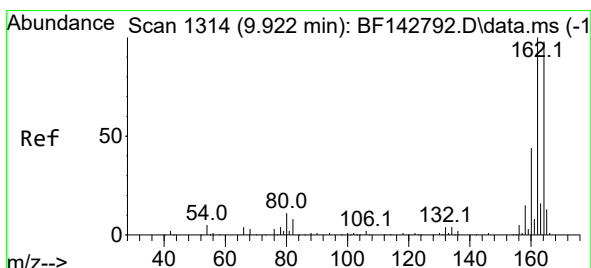
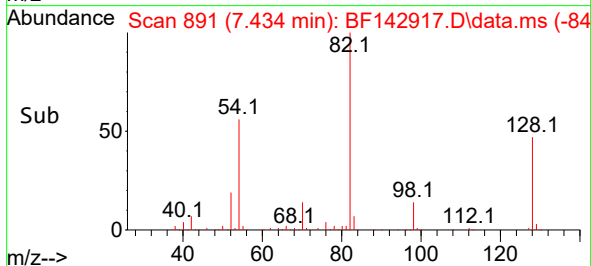
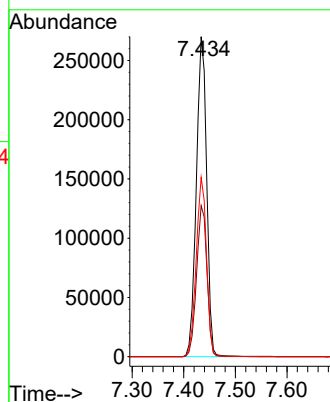
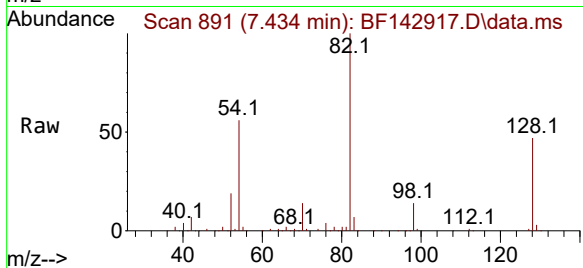
Tgt Ion: 82 Resp: 374809

Ion Ratio Lower Upper

82 100

128 47.2 37.7 56.5

54 56.0 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: BF142917.D

Acq: 30 Jun 2025 16:06

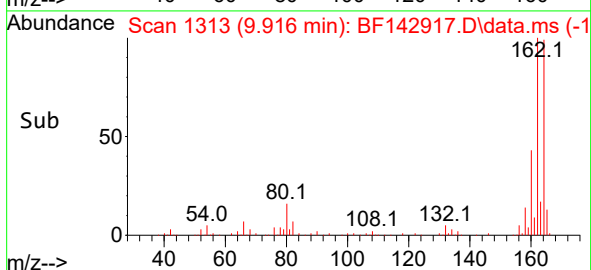
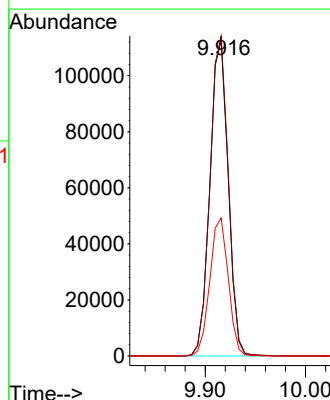
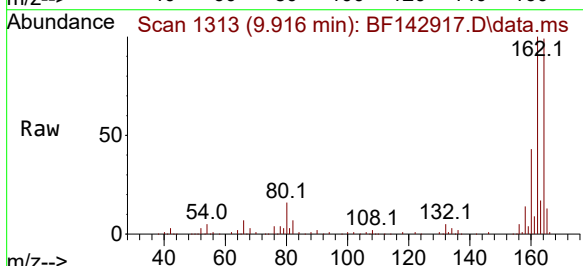
Tgt Ion:164 Resp: 142700

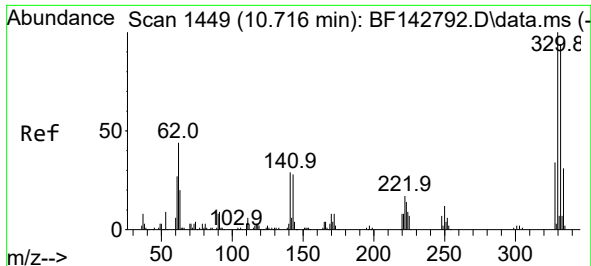
Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.8

160 43.8 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 131.217 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF142917.D

Acq: 30 Jun 2025 16:06

Instrument :

BNA_F

ClientSampleId :

PB168626TB

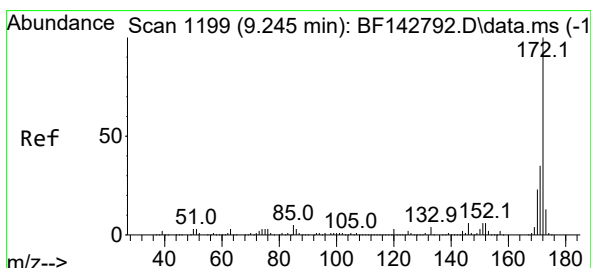
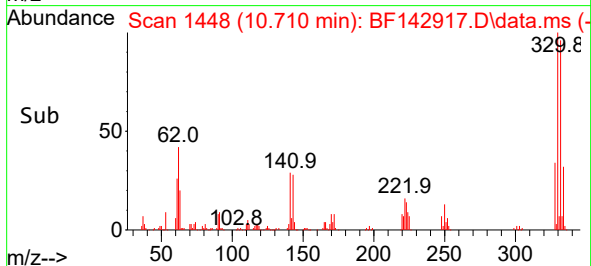
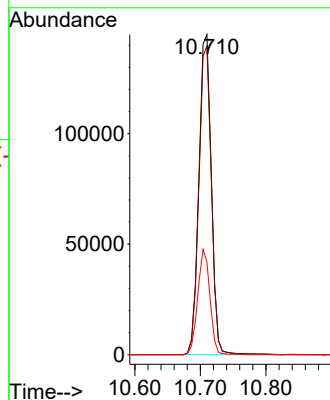
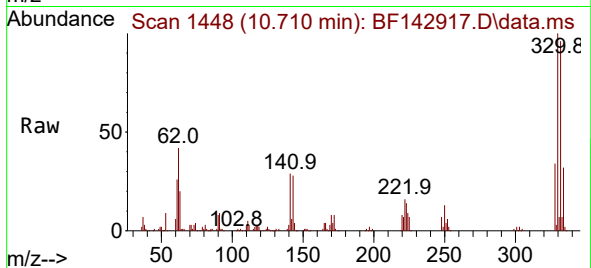
Tgt Ion:330 Resp: 192690

Ion Ratio Lower Upper

330 100

332 96.4 75.0 112.6

141 31.9 25.3 37.9



#45

2-Fluorobiphenyl

Concen: 77.688 ng

RT: 9.234 min Scan# 1197

Delta R.T. -0.011 min

Lab File: BF142917.D

Acq: 30 Jun 2025 16:06

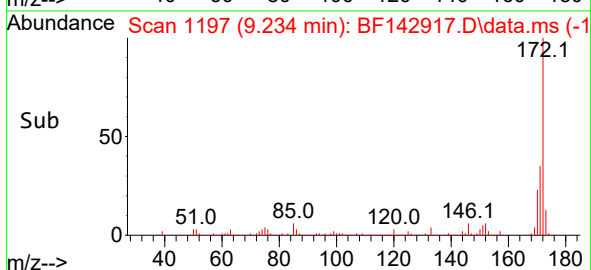
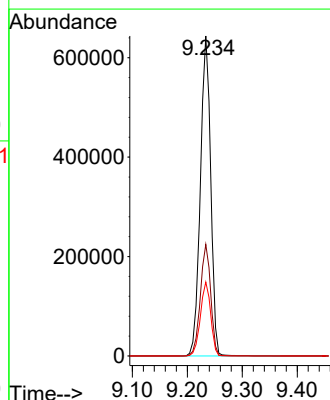
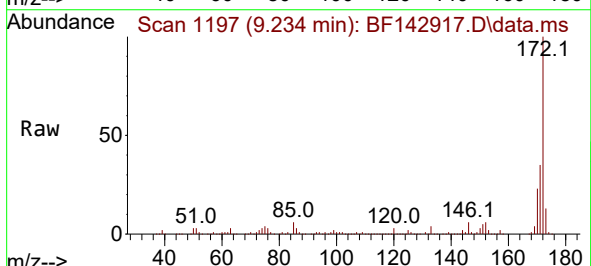
Tgt Ion:172 Resp: 843898

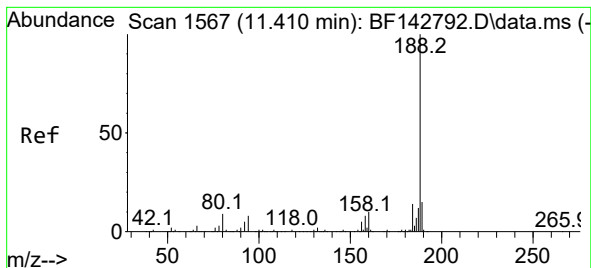
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 23.1 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: BF142917.D

Acq: 30 Jun 2025 16:06

Instrument :

BNA_F

ClientSampleId :

PB168626TB

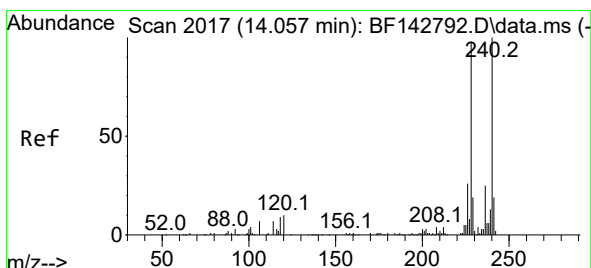
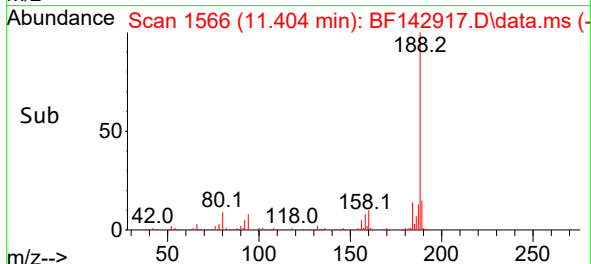
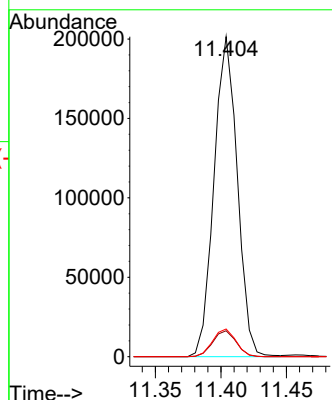
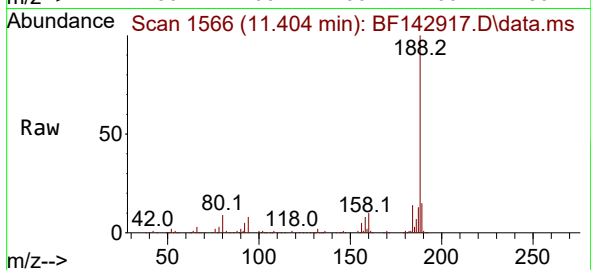
Tgt Ion:188 Resp: 248581

Ion Ratio Lower Upper

188 100

94 8.1 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: BF142917.D

Acq: 30 Jun 2025 16:06

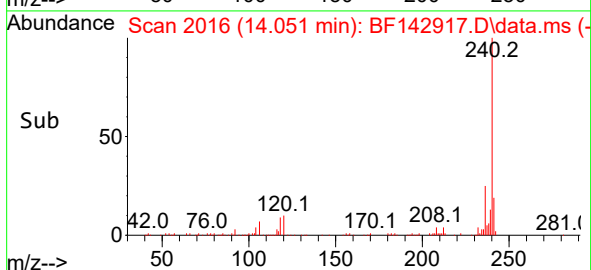
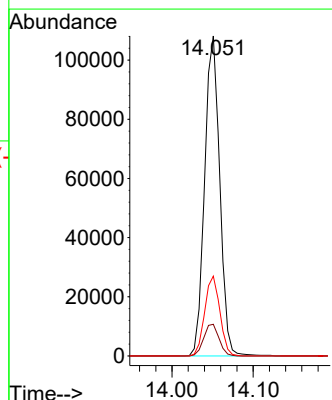
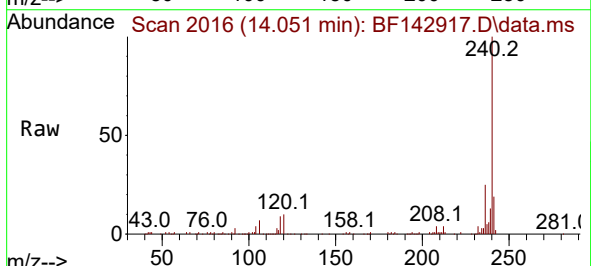
Tgt Ion:240 Resp: 139501

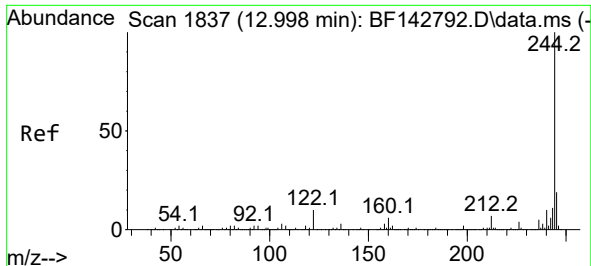
Ion Ratio Lower Upper

240 100

120 9.9 8.2 12.2

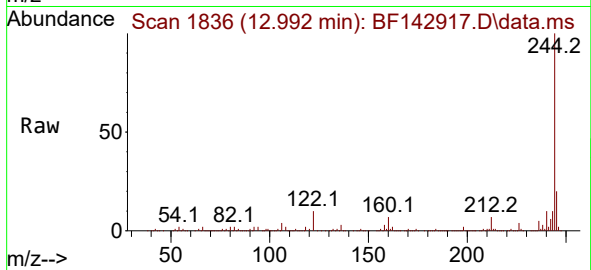
236 24.9 19.8 29.8



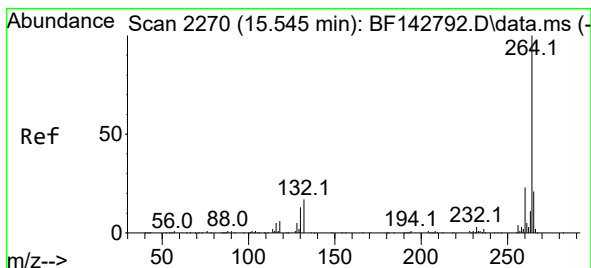
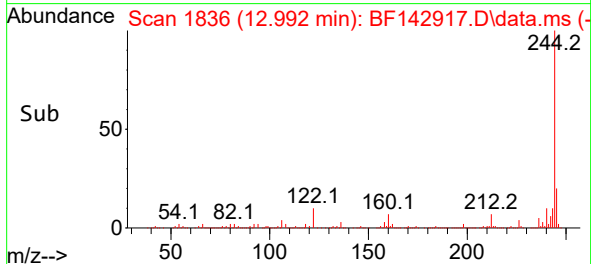
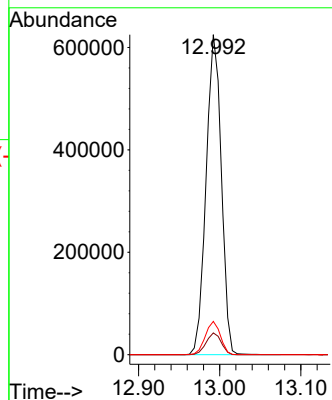


#79
Terphenyl-d14
Concen: 80.422 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF142917.D
Acq: 30 Jun 2025 16:06

Instrument :
BNA_F
ClientSampleId :
PB168626TB



Tgt Ion:244 Resp: 811964
Ion Ratio Lower Upper
244 100
212 6.8 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: BF142917.D
Acq: 30 Jun 2025 16:06

Tgt Ion:264 Resp: 134820
Ion Ratio Lower Upper
264 100
260 23.3 18.1 27.1
265 20.3 16.6 25.0

