

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060925\
 Data File : BF142698.D
 Acq On : 09 Jun 2025 18:00
 Operator : RC/JU
 Sample : PB168323BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168323BL

Quant Time: Jun 09 18:24:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 18:21:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	93521	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	351832	20.000	ng	-0.01
39) Acenaphthene-d10	9.934	164	216982	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	443816	20.000	ng	0.00
76) Chrysene-d12	14.069	240	337888	20.000	ng	0.00
86) Perylene-d12	15.563	264	241303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	700753	127.228	ng	0.01
7) Phenol-d6	6.522	99	846993	131.131	ng	-0.01
23) Nitrobenzene-d5	7.457	82	524096	81.865	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	305674	125.388	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1238516	78.060	ng	-0.01
79) Terphenyl-d14	13.016	244	1573618	73.655	ng	0.00

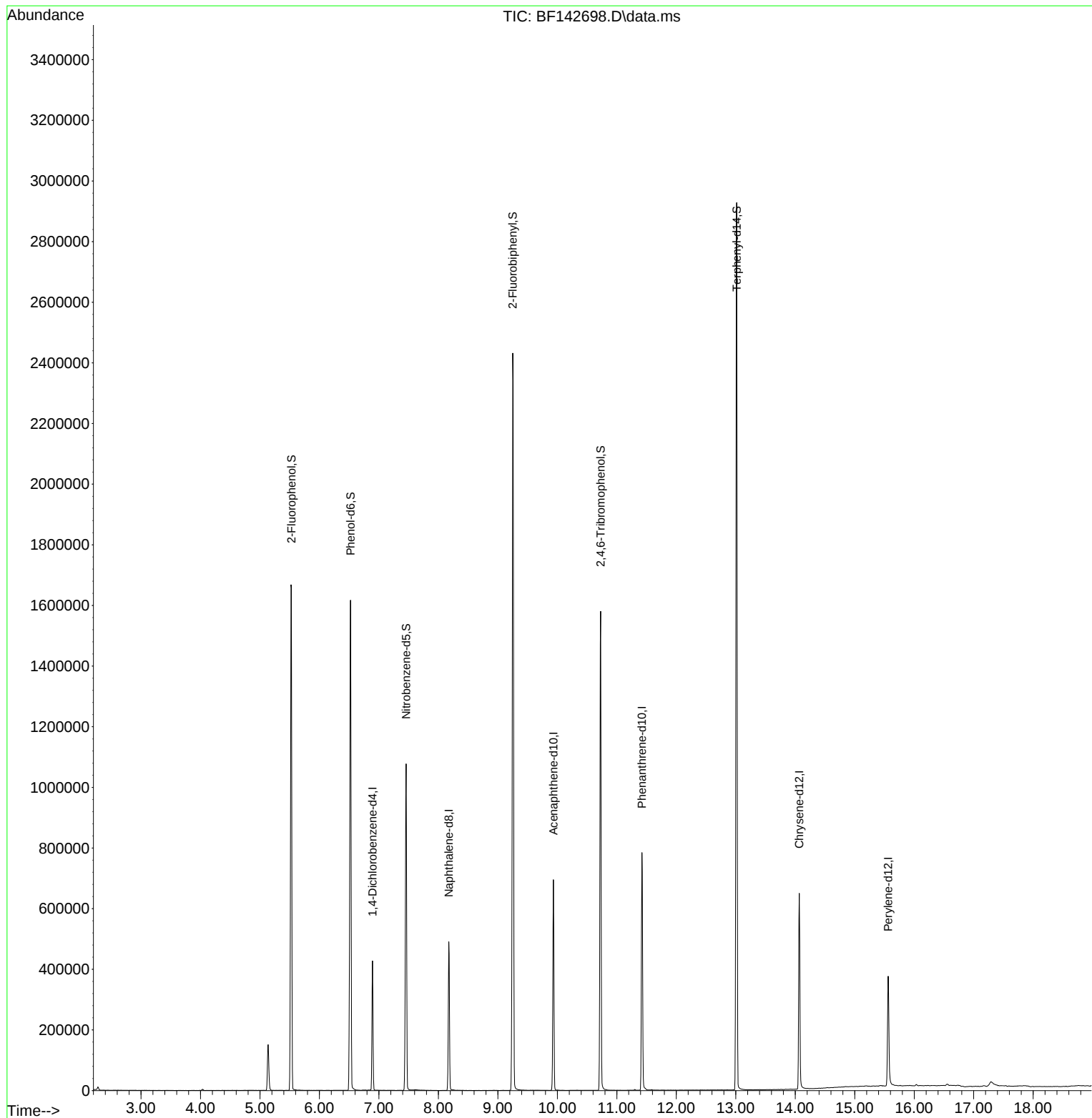
Target Compounds	Qvalue

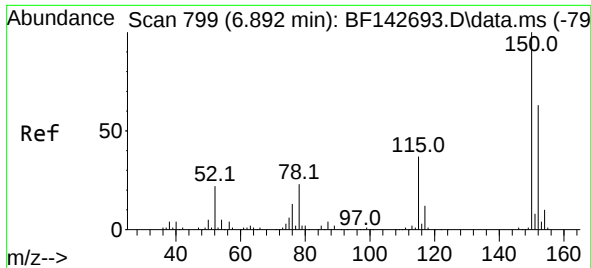
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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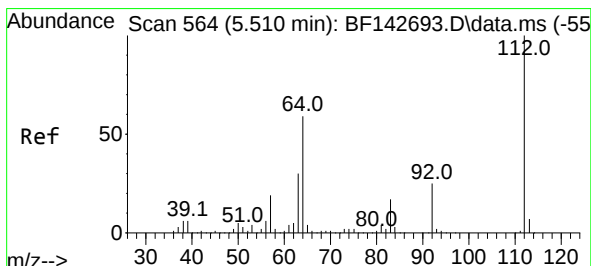
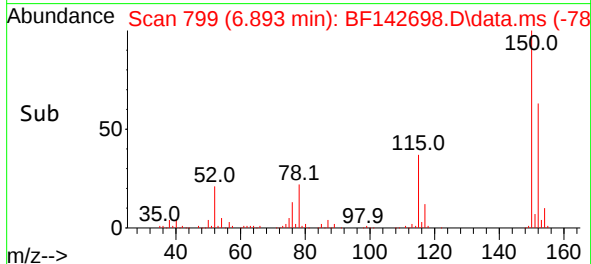
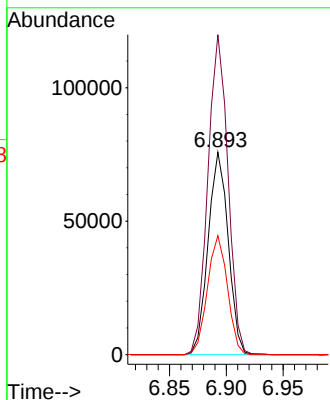
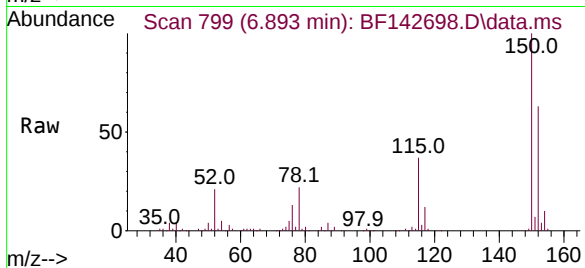




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.005 min
Lab File: BF142698.D
Acq: 09 Jun 2025 18:00

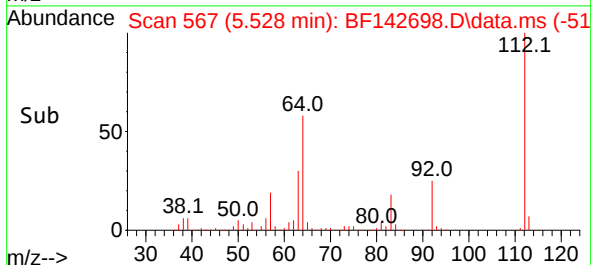
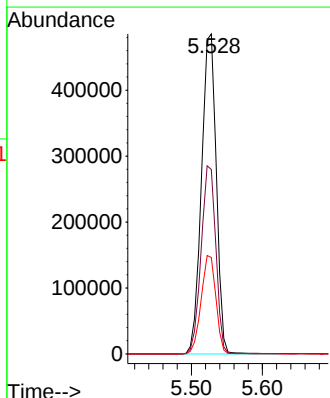
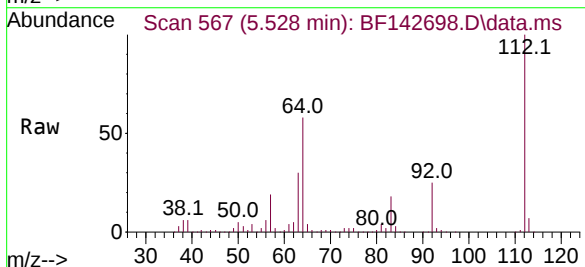
Instrument :
BNA_F
ClientSampleId :
PB168323BL

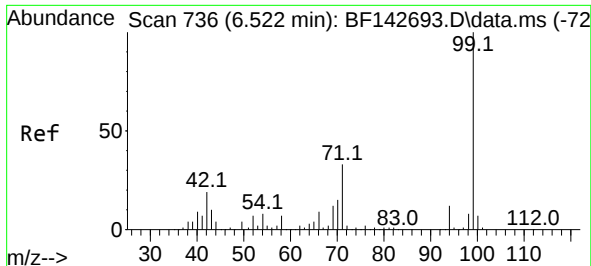
Tgt Ion:152 Resp: 93521
Ion Ratio Lower Upper
152 100
150 158.2 126.8 190.2
115 58.8 46.8 70.2



#5
2-Fluorophenol
Concen: 127.228 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142698.D
Acq: 09 Jun 2025 18:00

Tgt Ion:112 Resp: 700753
Ion Ratio Lower Upper
112 100
64 57.6 46.9 70.3
63 30.2 24.3 36.5

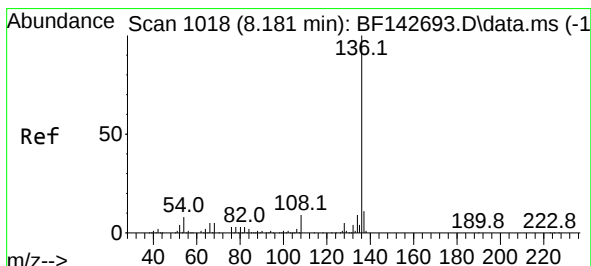
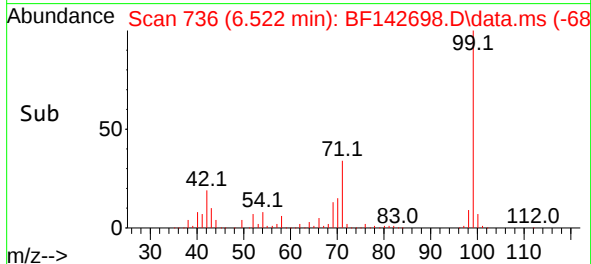
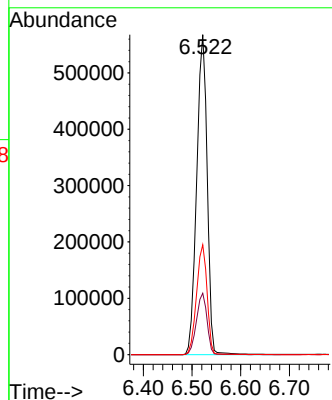
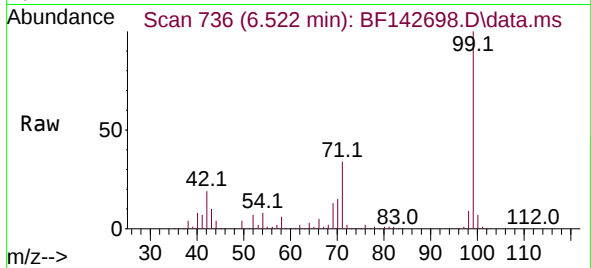




#7
Phenol-d6
Concen: 131.131 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF142698.D
Acq: 09 Jun 2025 18:00

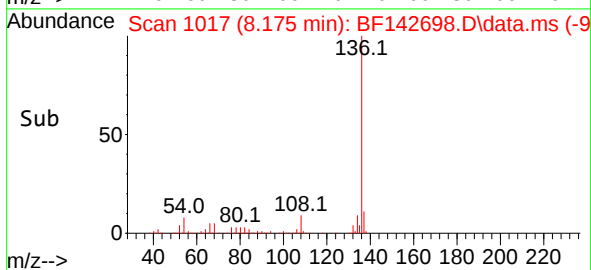
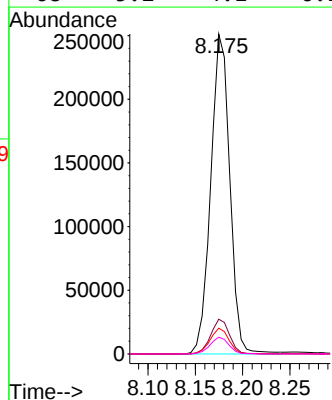
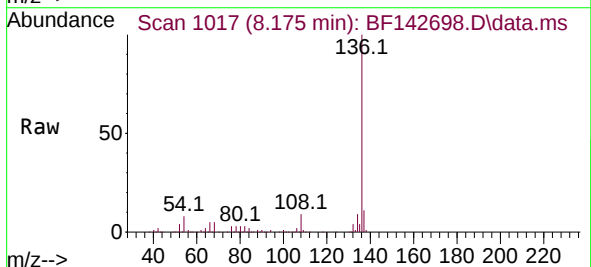
Instrument :
BNA_F
ClientSampleId :
PB168323BL

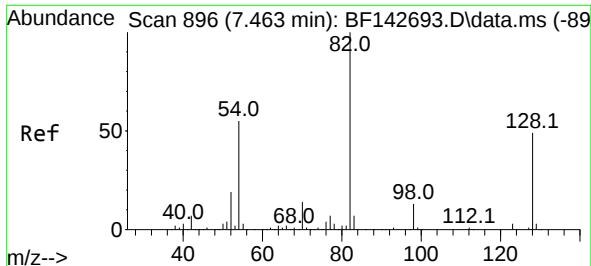
Tgt Ion: 99 Resp: 846993
Ion Ratio Lower Upper
99 100
42 19.2 15.3 22.9
71 34.3 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF142698.D
Acq: 09 Jun 2025 18:00

Tgt Ion: 136 Resp: 351832
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.0 6.4 9.6
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 81.865 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142698.D

Acq: 09 Jun 2025 18:00

Instrument :

BNA_F

ClientSampleId :

PB168323BL

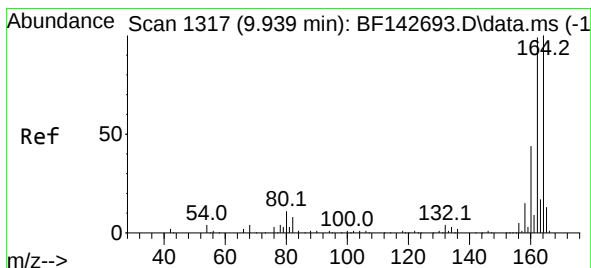
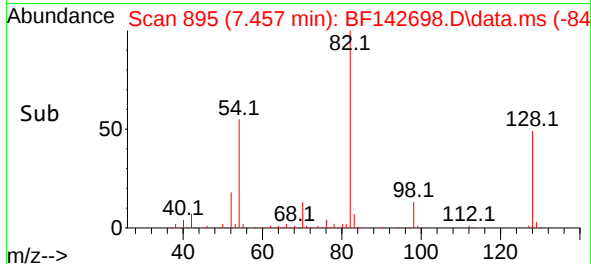
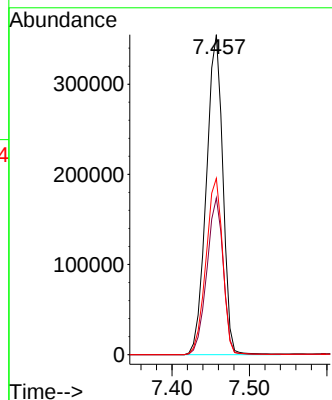
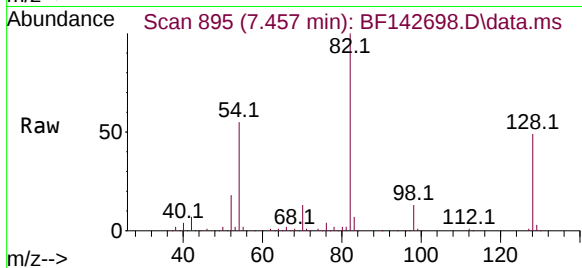
Tgt Ion: 82 Resp: 524096

Ion Ratio Lower Upper

82 100

128 49.0 39.3 58.9

54 55.1 44.2 66.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF142698.D

Acq: 09 Jun 2025 18:00

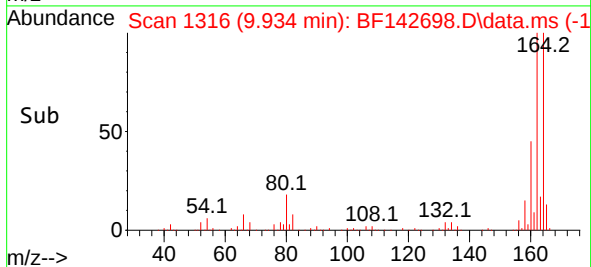
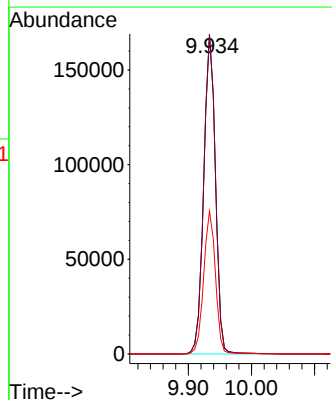
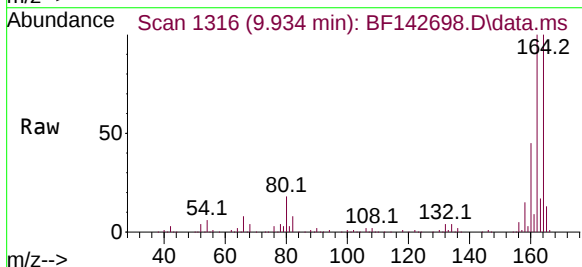
Tgt Ion:164 Resp: 216982

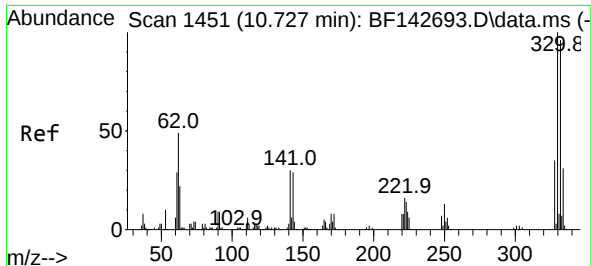
Ion Ratio Lower Upper

164 100

162 99.8 79.1 118.7

160 44.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 125.388 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142698.D

Acq: 09 Jun 2025 18:00

Instrument :

BNA_F

ClientSampleId :

PB168323BL

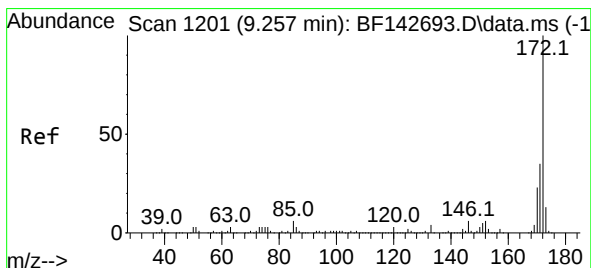
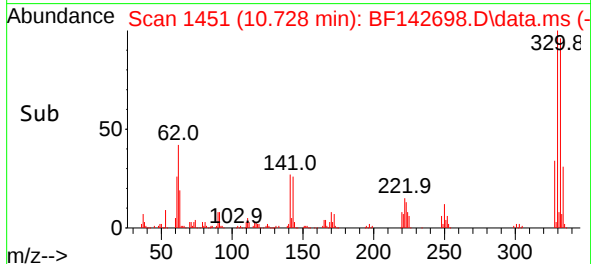
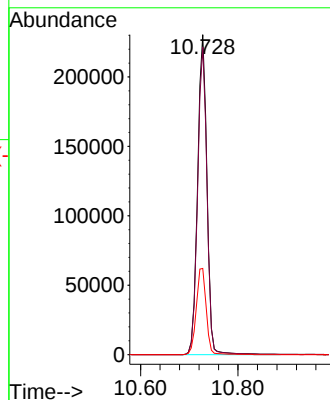
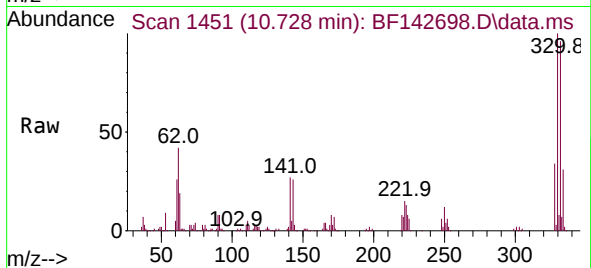
Tgt Ion:330 Resp: 305674

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

141 28.6 23.5 35.3



#45

2-Fluorobiphenyl

Concen: 78.060 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF142698.D

Acq: 09 Jun 2025 18:00

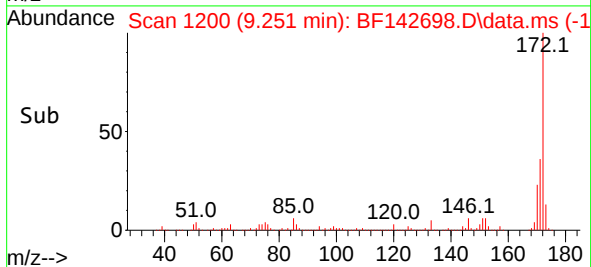
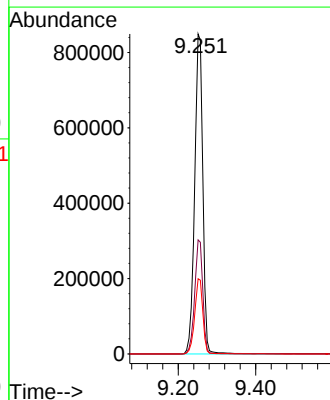
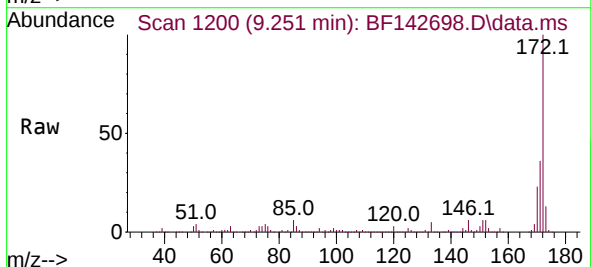
Tgt Ion:172 Resp: 1238516

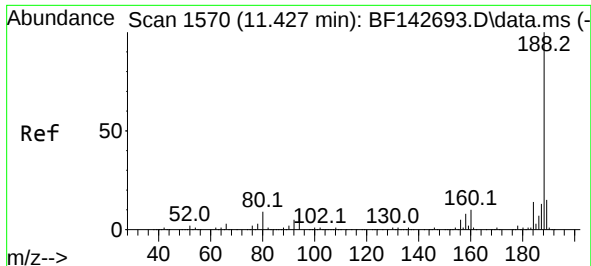
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

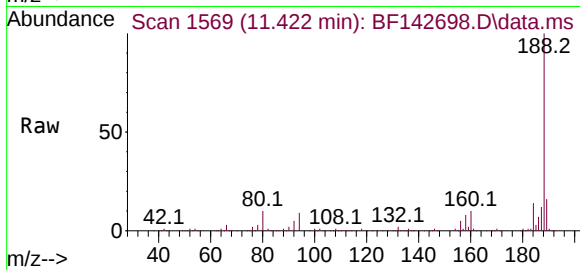
170 23.5 18.7 28.1



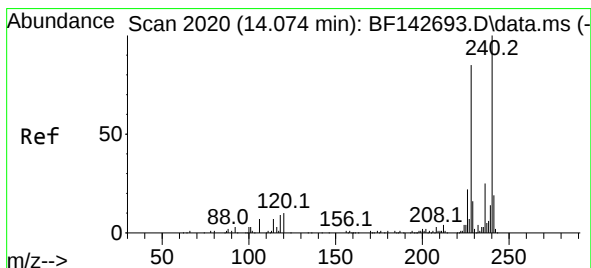
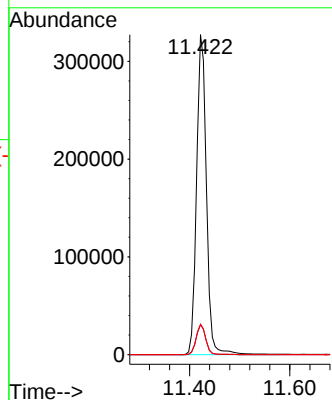
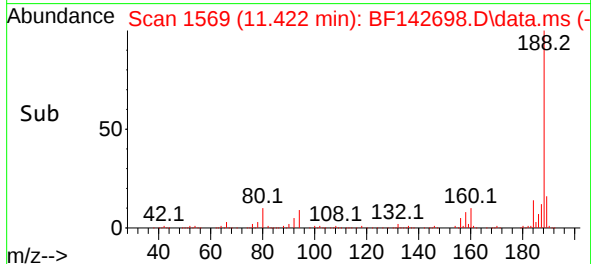


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF142698.D
Acq: 09 Jun 2025 18:00

Instrument :
BNA_F
ClientSampleId :
PB168323BL

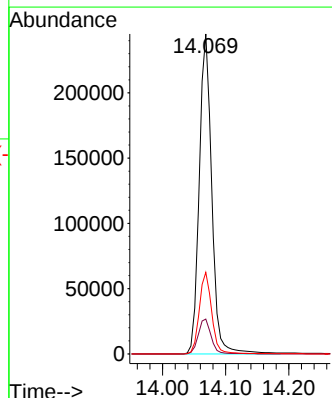
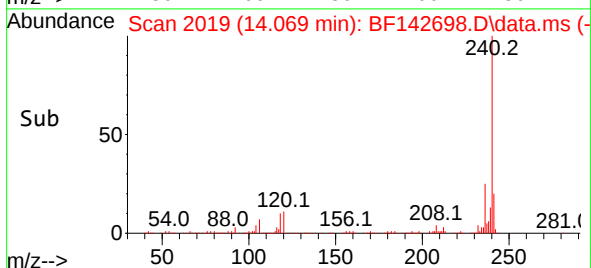
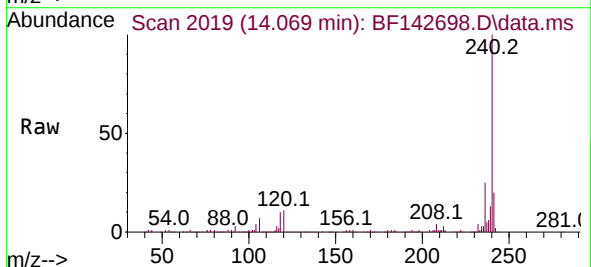


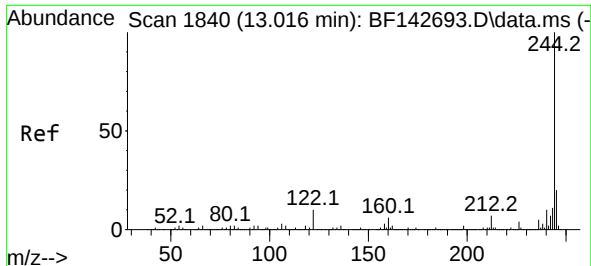
Tgt Ion:188 Resp: 443816
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 9.6 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142698.D
Acq: 09 Jun 2025 18:00

Tgt Ion:240 Resp: 337888
Ion Ratio Lower Upper
240 100
120 10.9 8.4 12.6
236 25.5 20.2 30.2

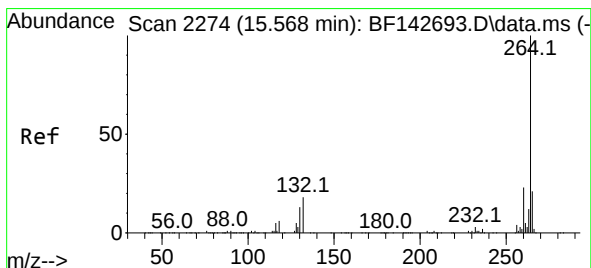
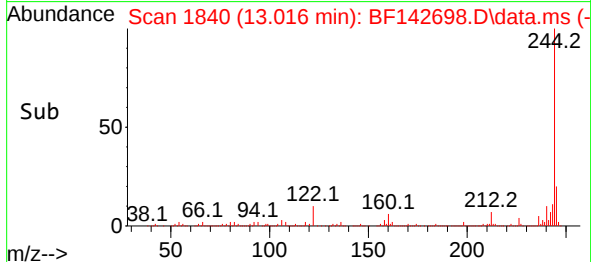
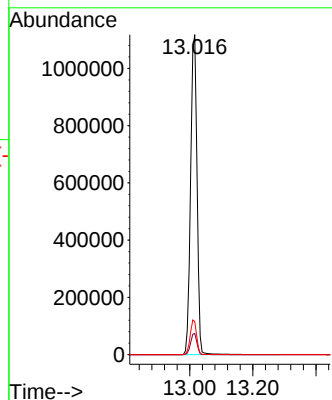
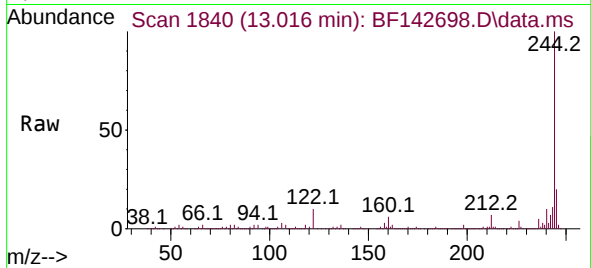




#79
 Terphenyl-d14
 Concen: 73.655 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF142698.D
 Acq: 09 Jun 2025 18:00

Instrument :
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Tgt Ion:244 Resp: 1573618
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 10.3 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF142698.D
 Acq: 09 Jun 2025 18:00

Tgt Ion:264 Resp: 241303
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.5 27.7
 265 21.4 17.0 25.4

