

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143694.D
Acq On : 10 Sep 2025 10:10
Operator : RC/JU
Sample : PB169528BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169528BL

Quant Time: Sep 10 10:42:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	46456	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	177053	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	104857	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	179564	20.000	ng	0.00
76) Chrysene-d12	14.045	240	112567	20.000	ng	0.00
86) Perylene-d12	15.516	264	106386	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	401561	147.477	ng	0.02
7) Phenol-d6	6.504	99	477596	144.055	ng	0.00
23) Nitrobenzene-d5	7.445	82	295193	103.704	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	160426	151.815	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	678088	97.688	ng	0.00
79) Terphenyl-d14	12.998	244	741133	106.694	ng	0.00

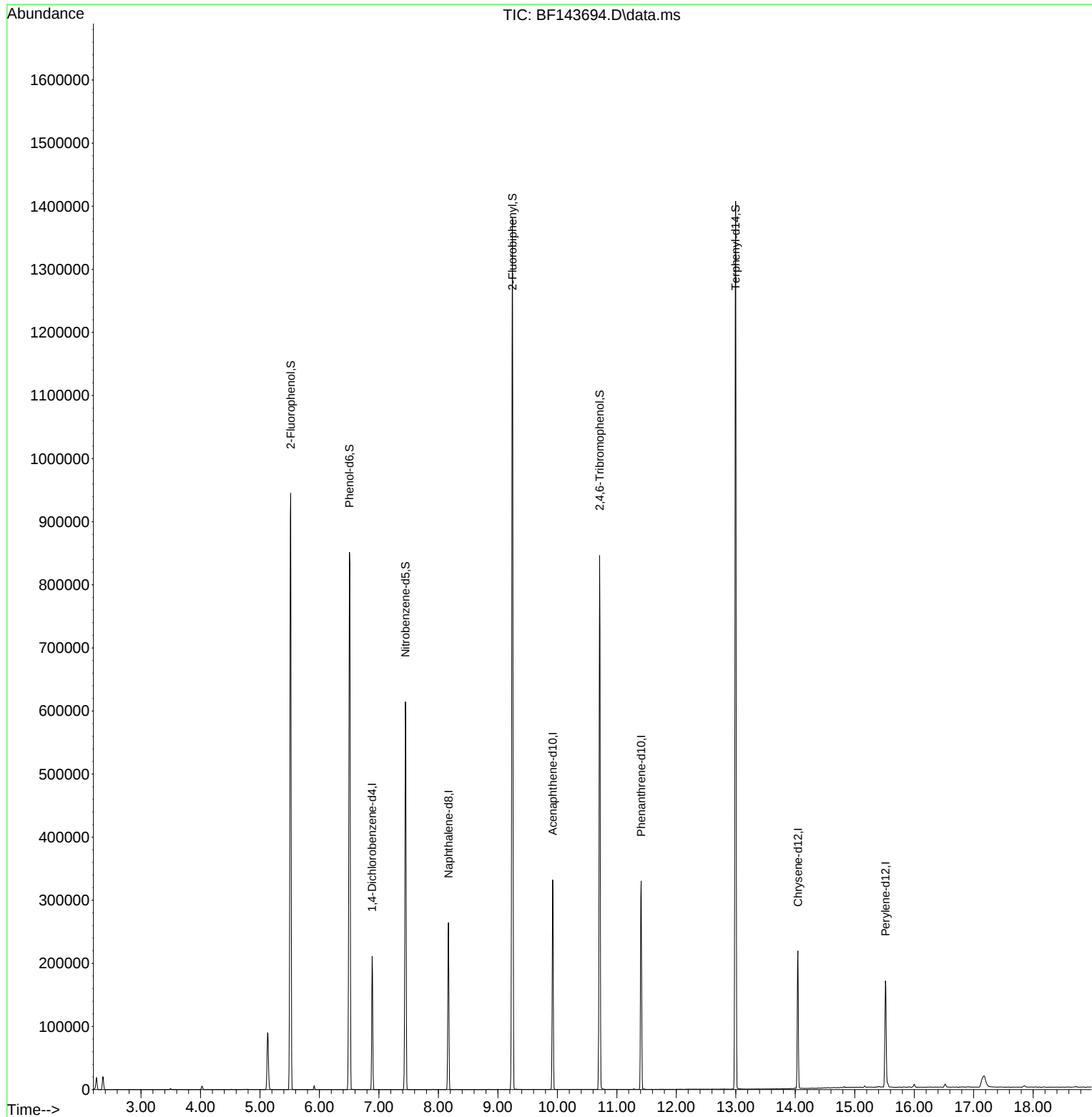
Target Compounds	Qvalue

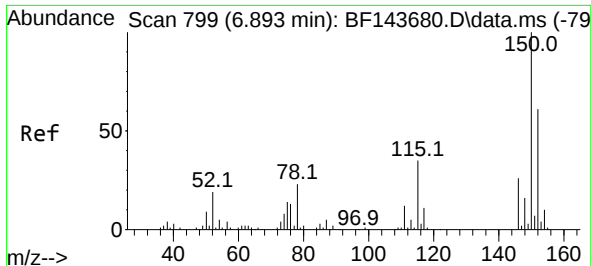
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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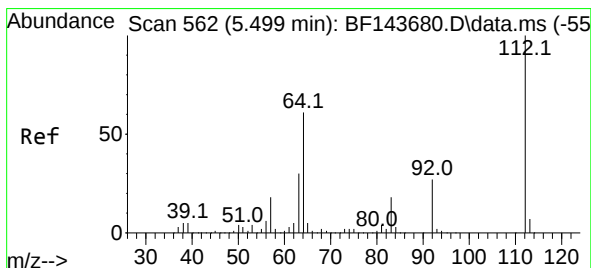
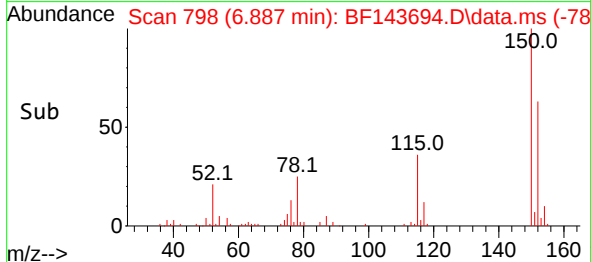
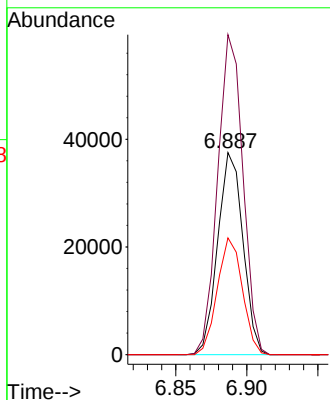
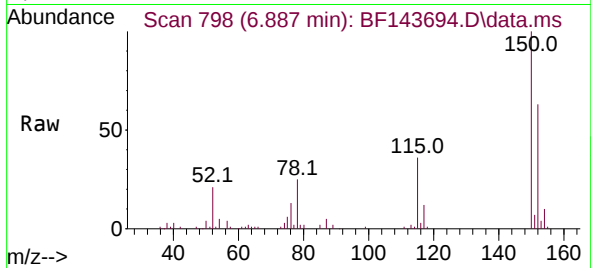




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF143694.D
Acq: 10 Sep 2025 10:10

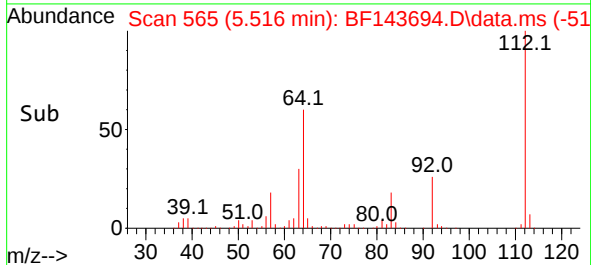
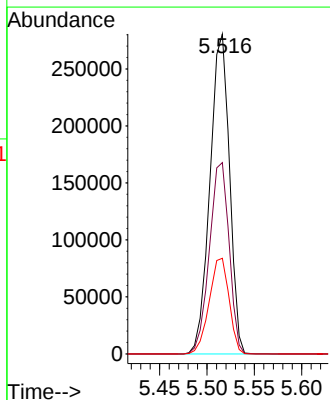
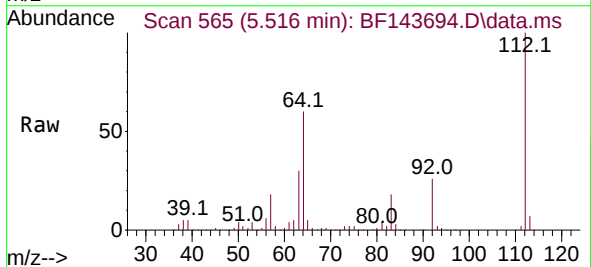
Instrument :
BNA_F
ClientSampleId :
PB169528BL

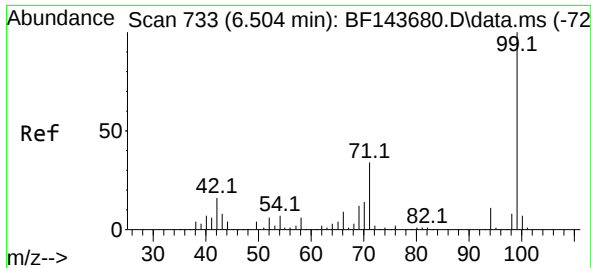
Tgt Ion:152 Resp: 46456
Ion Ratio Lower Upper
152 100
150 158.4 130.7 196.1
115 57.8 45.9 68.9



#5
2-Fluorophenol
Concen: 147.477 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.018 min
Lab File: BF143694.D
Acq: 10 Sep 2025 10:10

Tgt Ion:112 Resp: 401561
Ion Ratio Lower Upper
112 100
64 59.8 49.0 73.4
63 29.9 24.3 36.5

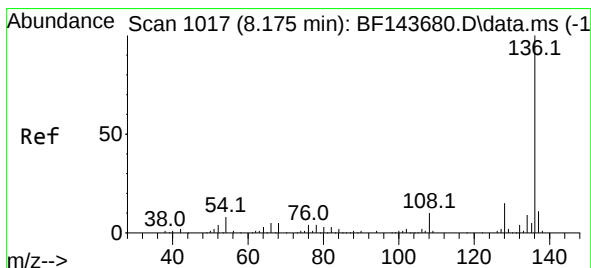
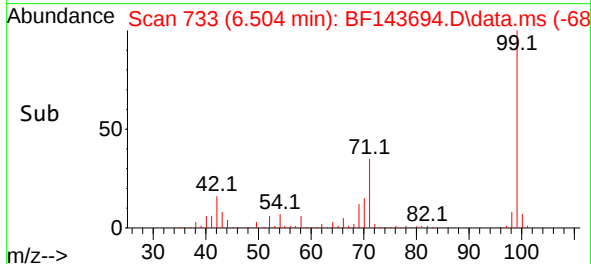
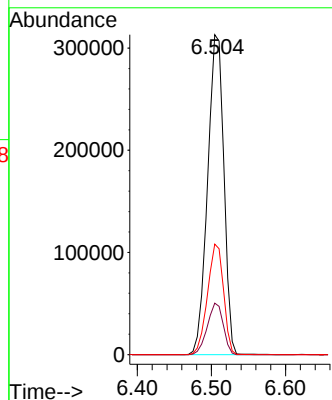
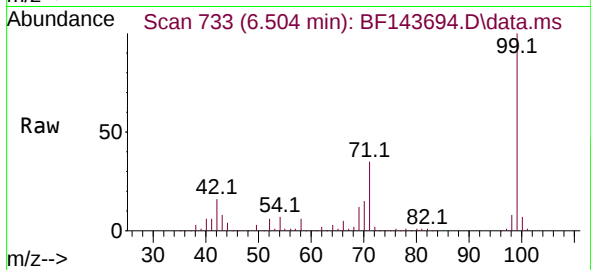




#7
Phenol-d6
Concen: 144.055 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF143694.D
Acq: 10 Sep 2025 10:10

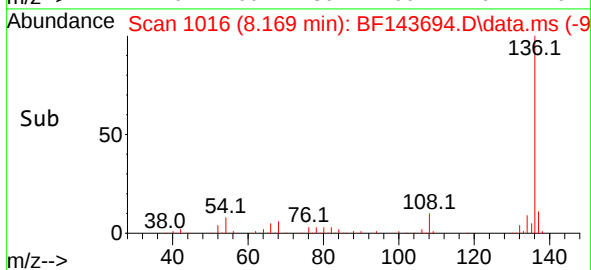
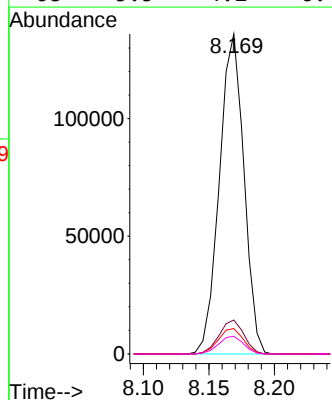
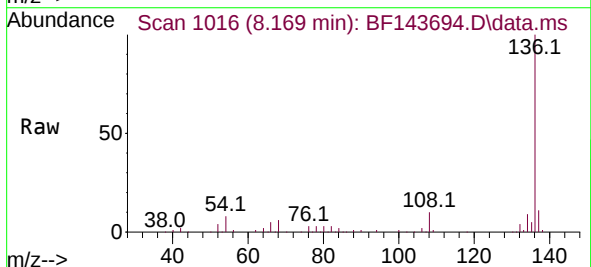
Instrument :
BNA_F
ClientSampleId :
PB169528BL

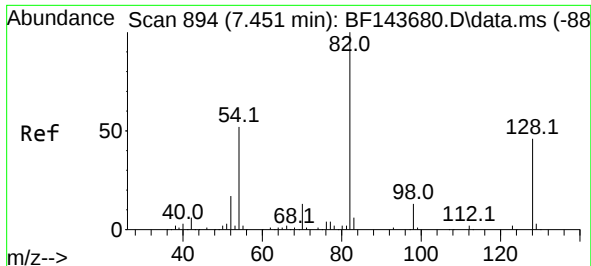
Tgt Ion: 99 Resp: 477596
Ion Ratio Lower Upper
99 100
42 16.1 13.0 19.4
71 34.5 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143694.D
Acq: 10 Sep 2025 10:10

Tgt Ion:136 Resp: 177053
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 7.9 6.2 9.2
68 5.5 4.2 6.4





#23

Nitrobenzene-d5

Concen: 103.704 ng

RT: 7.445 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF143694.D

Acq: 10 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

PB169528BL

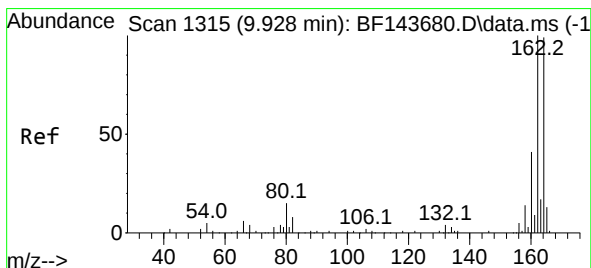
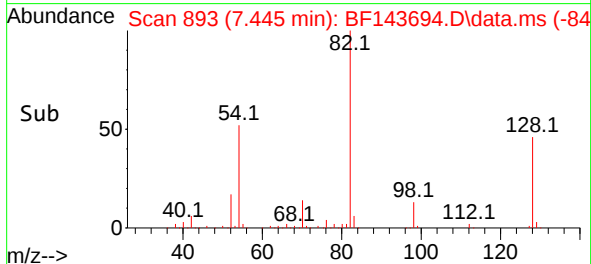
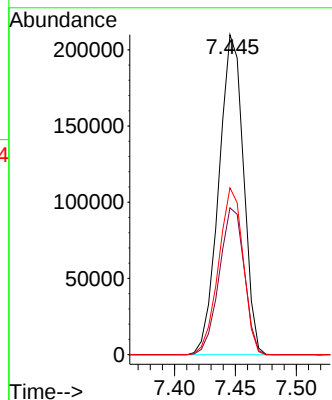
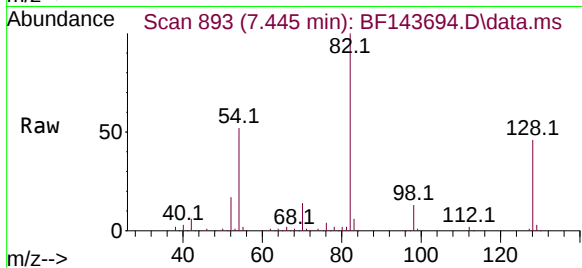
Tgt Ion: 82 Resp: 295193

Ion Ratio Lower Upper

82 100

128 45.9 37.0 55.4

54 52.1 41.8 62.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF143694.D

Acq: 10 Sep 2025 10:10

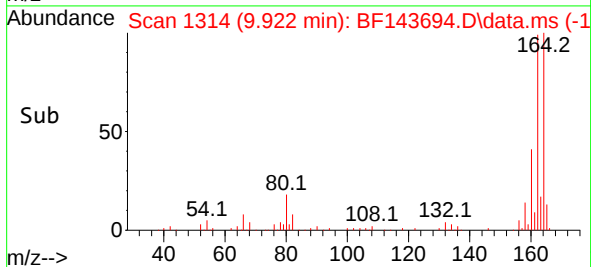
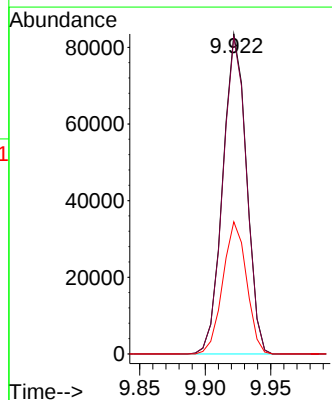
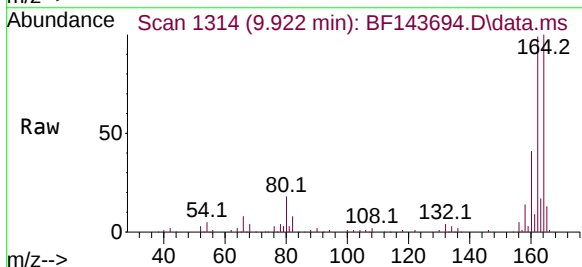
Tgt Ion:164 Resp: 104857

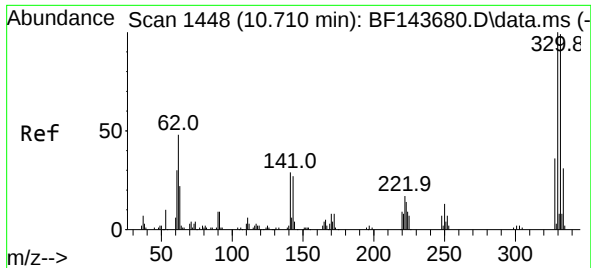
Ion Ratio Lower Upper

164 100

162 98.9 80.6 121.0

160 41.3 33.0 49.4





#42

2,4,6-Tribromophenol

Concen: 151.815 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF143694.D

Acq: 10 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

PB169528BL

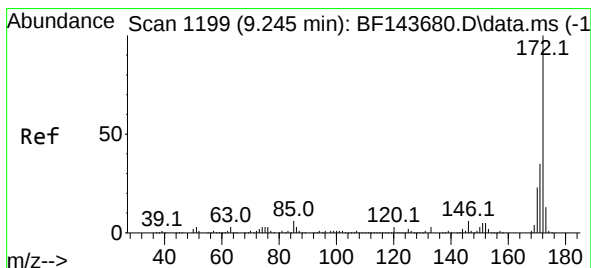
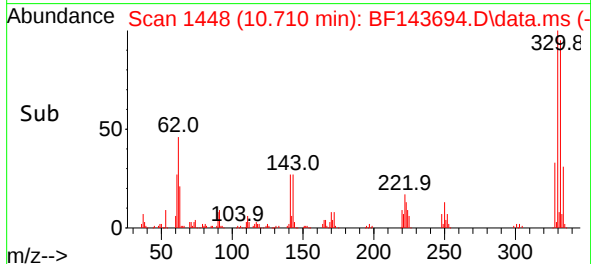
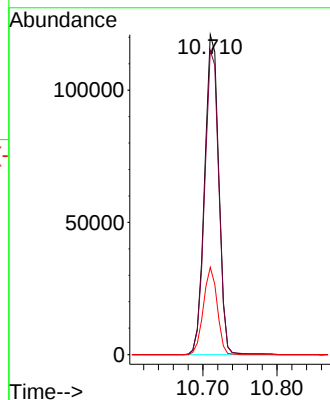
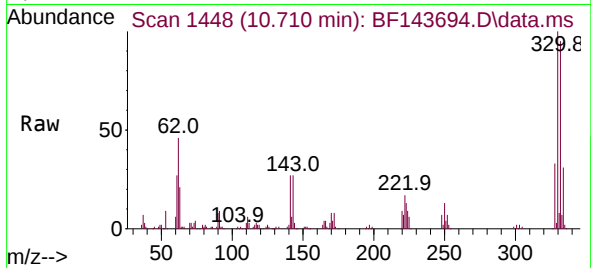
Tgt Ion:330 Resp: 160426

Ion Ratio Lower Upper

330 100

332 95.2 79.2 118.8

141 26.6 22.2 33.4



#45

2-Fluorobiphenyl

Concen: 97.688 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF143694.D

Acq: 10 Sep 2025 10:10

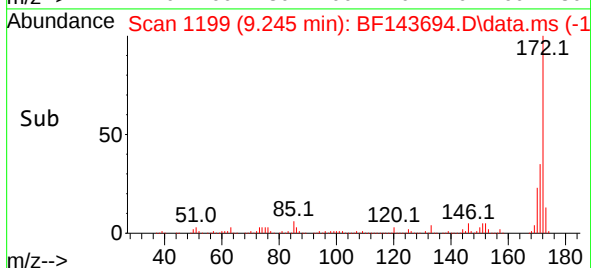
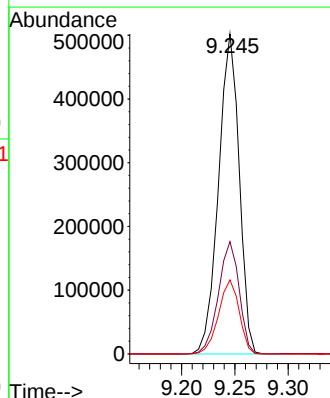
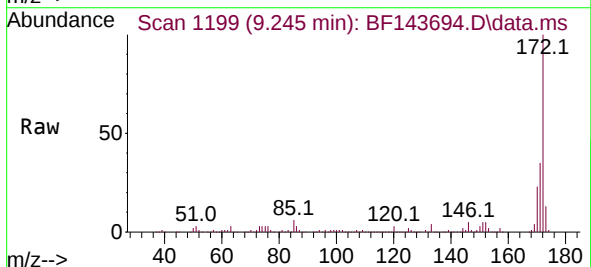
Tgt Ion:172 Resp: 678088

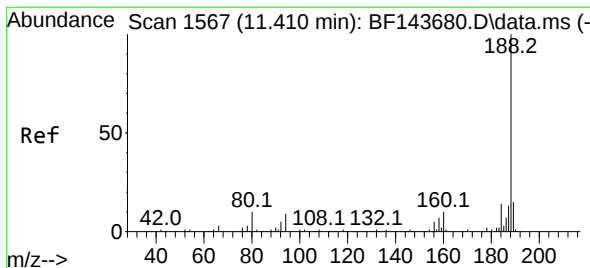
Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 23.1 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. -0.000 min

Lab File: BF143694.D

Acq: 10 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

PB169528BL

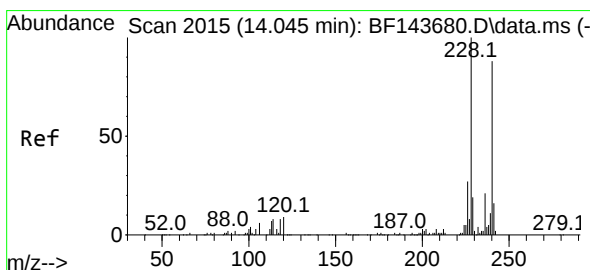
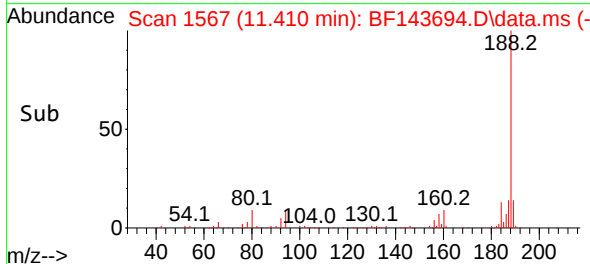
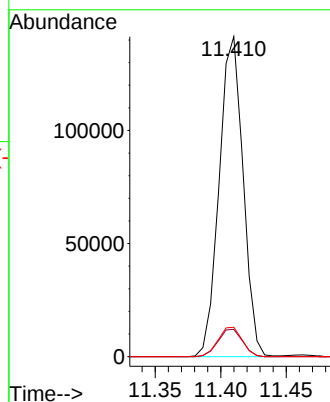
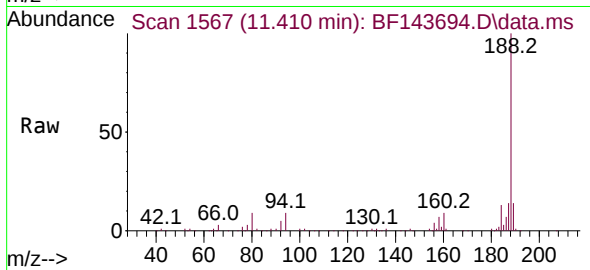
Tgt Ion:188 Resp: 179564

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.0

80 9.2 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF143694.D

Acq: 10 Sep 2025 10:10

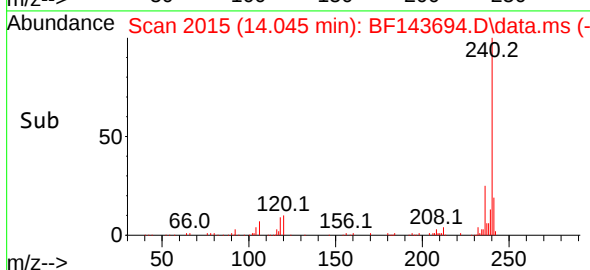
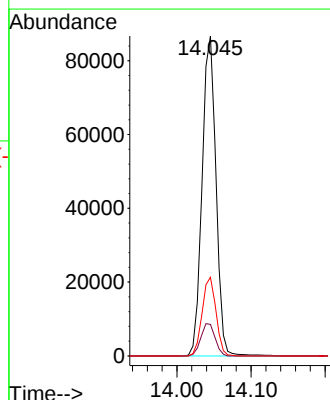
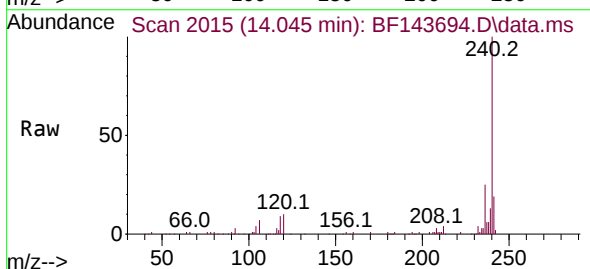
Tgt Ion:240 Resp: 112567

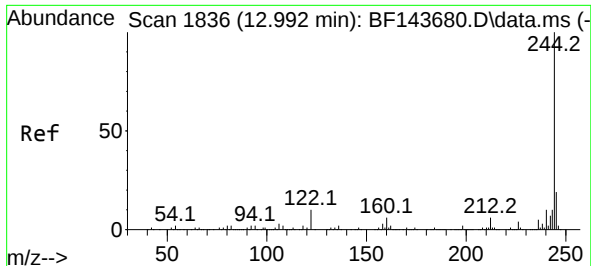
Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

236 24.6 18.6 28.0

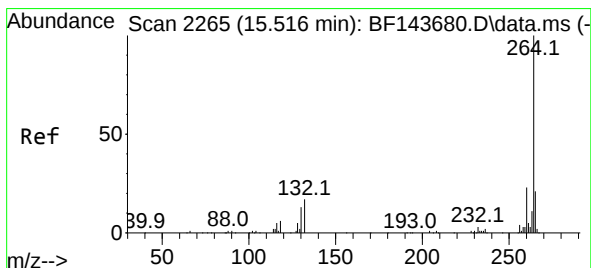
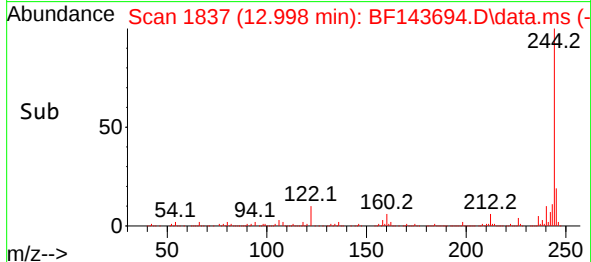
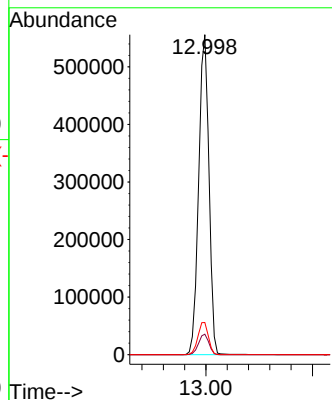
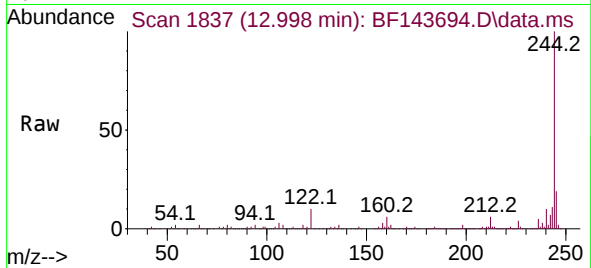




#79
 Terphenyl-d14
 Concen: 106.694 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.006 min
 Lab File: BF143694.D
 Acq: 10 Sep 2025 10:10

Instrument :
 BNA_F
 ClientSampleId :
 PB169528BL

Tgt Ion:244 Resp: 741133
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.6
 122 10.0 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.516 min Scan# 2265
 Delta R.T. -0.000 min
 Lab File: BF143694.D
 Acq: 10 Sep 2025 10:10

Tgt Ion:264 Resp: 106386
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 21.1 17.1 25.7

