

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
 Data File : BF143716.D
 Acq On : 11 Sep 2025 19:57
 Operator : RC/JU
 Sample : Q3074-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0141

Quant Time: Sep 12 04:39:32 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	6.893	152	33246	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	126837	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	69106	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	98503	20.000	ng	# 0.01
76) Chrysene-d12	14.063	240	84115	20.000	ng	0.02
86) Perylene-d12	15.539	264	66458	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	157254	80.701	ng	0.00
7) Phenol-d6	6.510	99	197029	83.043	ng	0.00
23) Nitrobenzene-d5	7.451	82	116175	56.972	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	50165	72.031	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	267187	58.405	ng	0.00
79) Terphenyl-d14	13.010	244	237917	45.836	ng	0.02

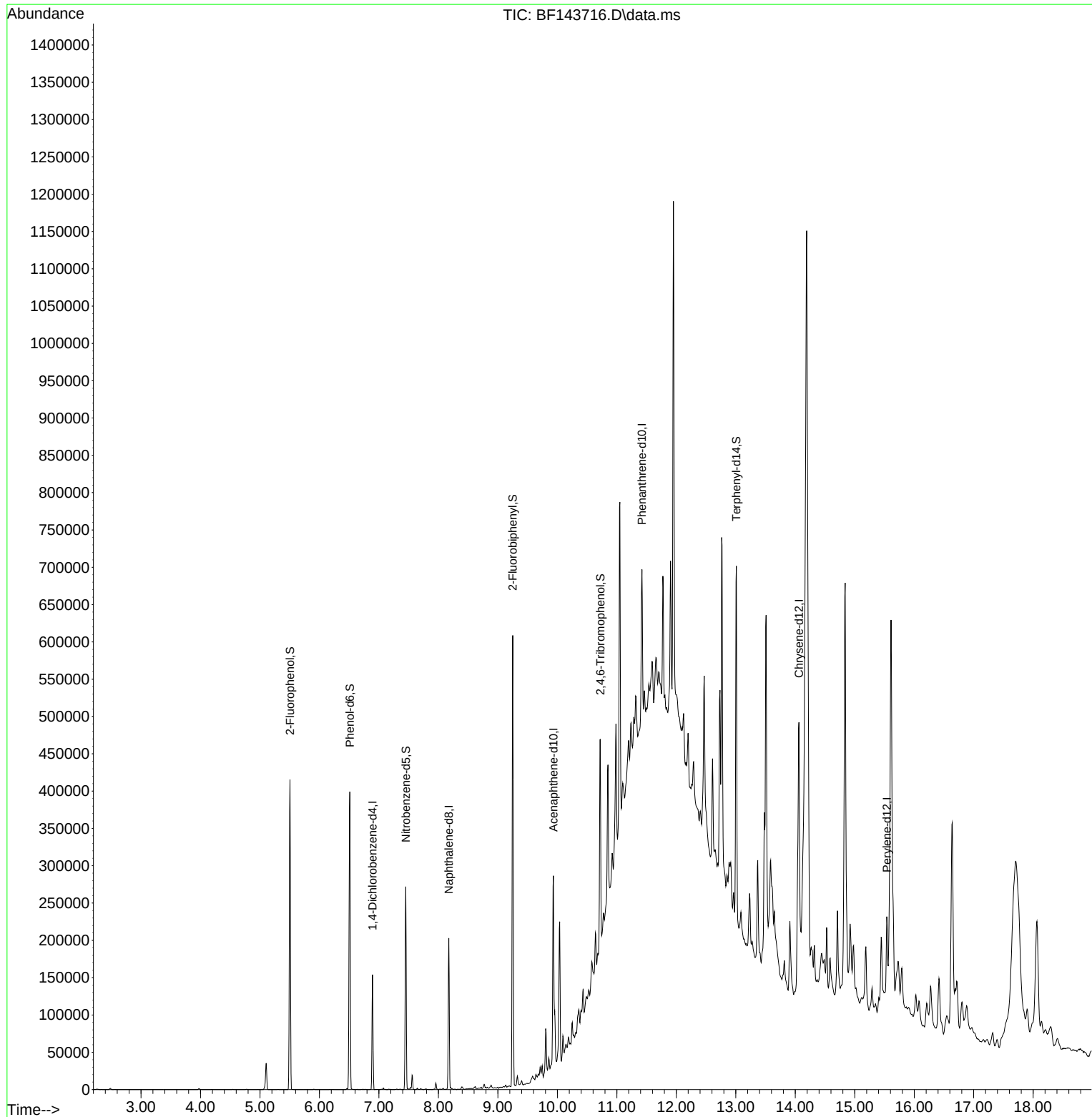
Target Compounds	Qvalue

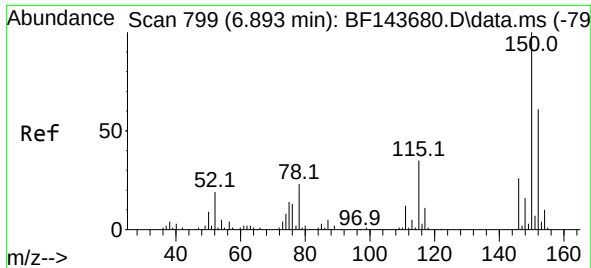
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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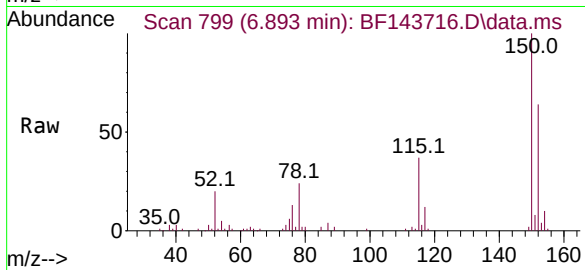
Quant Time: Sep 12 04:39:32 2025
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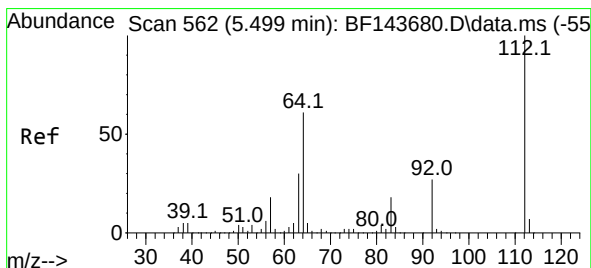
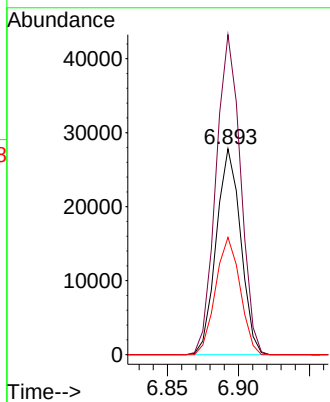
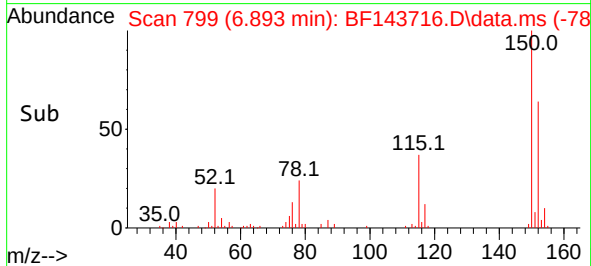


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF143716.D
Acq: 11 Sep 2025 19:57

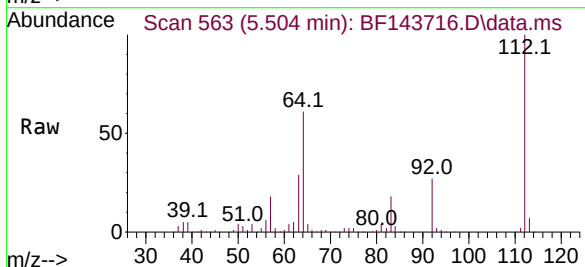
Instrument :
BNA_F
ClientSampleId :
MOO-25-0141



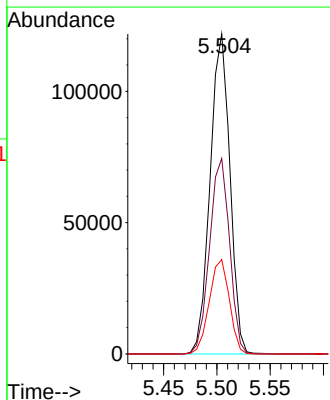
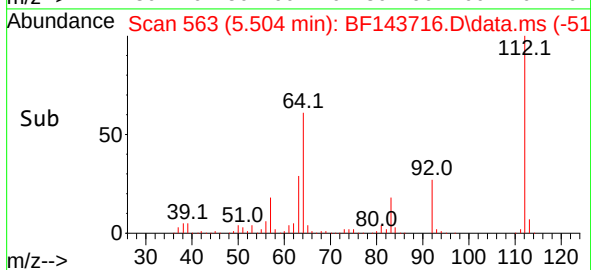
Tgt Ion:152 Resp: 33246
Ion Ratio Lower Upper
152 100
150 155.5 130.7 196.1
115 56.9 45.9 68.9

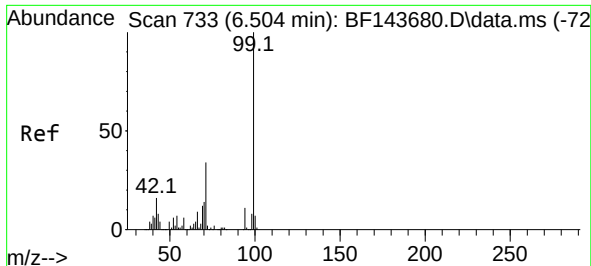


#5
2-Fluorophenol
Concen: 80.701 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143716.D
Acq: 11 Sep 2025 19:57



Tgt Ion:112 Resp: 157254
Ion Ratio Lower Upper
112 100
64 61.1 49.0 73.4
63 29.5 24.3 36.5

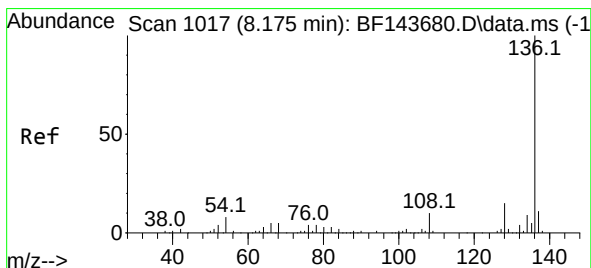
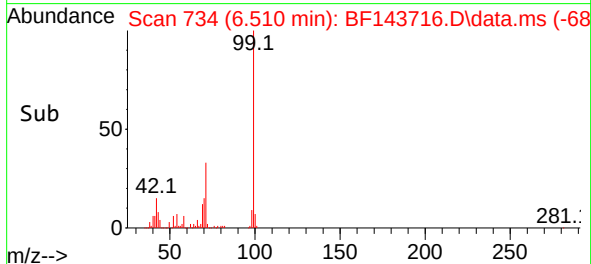
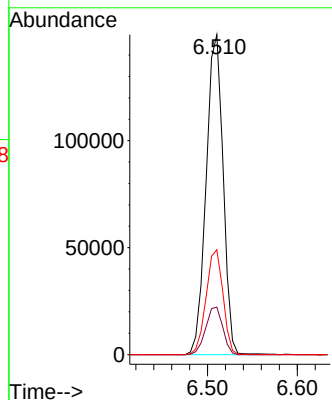
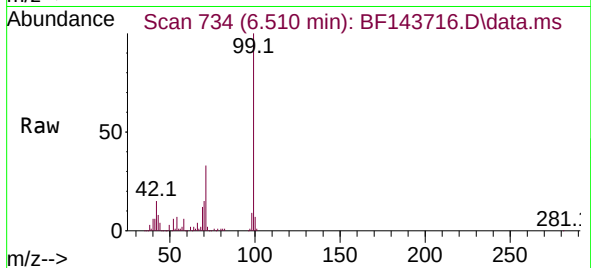




#7
Phenol-d6
Concen: 83.043 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF143716.D
Acq: 11 Sep 2025 19:57

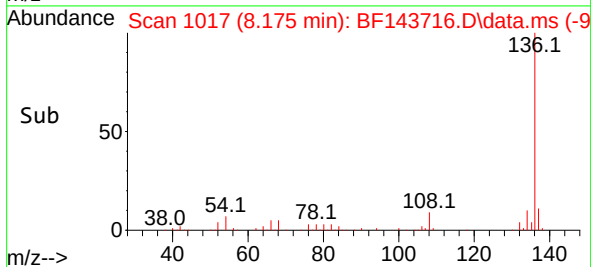
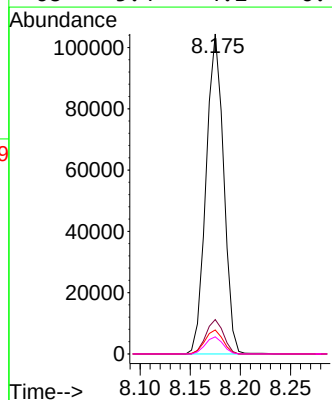
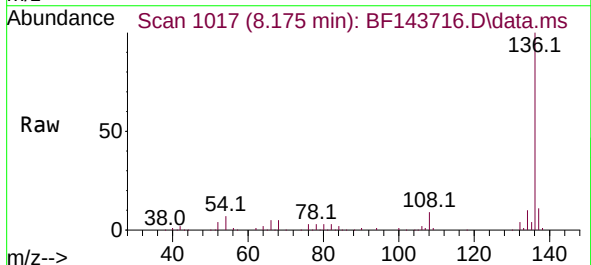
Instrument :
BNA_F
ClientSampleId :
MOO-25-0141

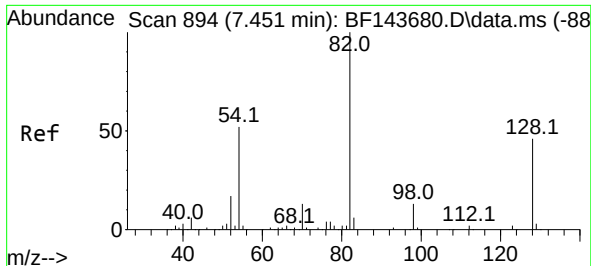
Tgt Ion: 99 Resp: 197029
Ion Ratio Lower Upper
99 100
42 14.8 13.0 19.4
71 32.8 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143716.D
Acq: 11 Sep 2025 19:57

Tgt Ion: 136 Resp: 126837
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.5 6.2 9.2
68 5.4 4.2 6.4





#23

Nitrobenzene-d5

Concen: 56.972 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF143716.D

Acq: 11 Sep 2025 19:57

Instrument :

BNA_F

ClientSampleId :

MOO-25-0141

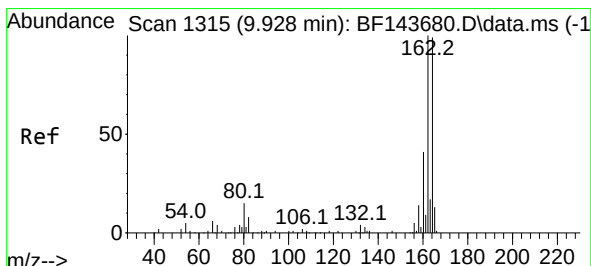
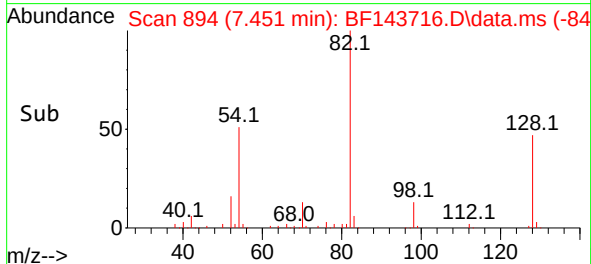
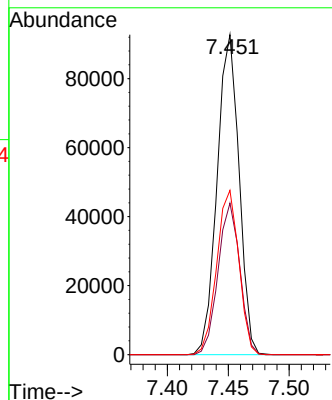
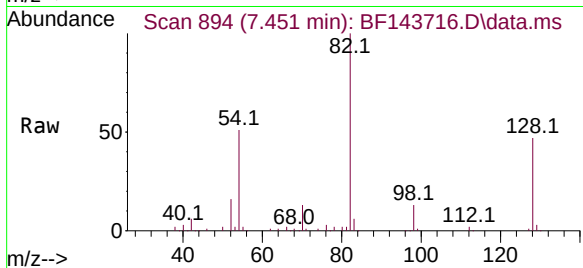
Tgt Ion: 82 Resp: 116175

Ion Ratio Lower Upper

82 100

128 47.3 37.0 55.4

54 51.3 41.8 62.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1316

Delta R.T. 0.006 min

Lab File: BF143716.D

Acq: 11 Sep 2025 19:57

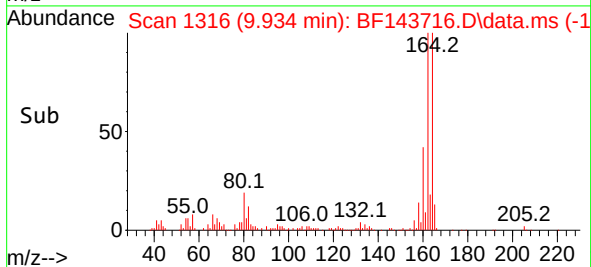
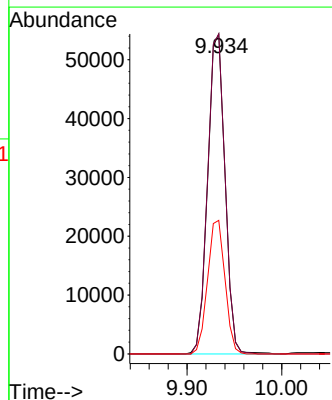
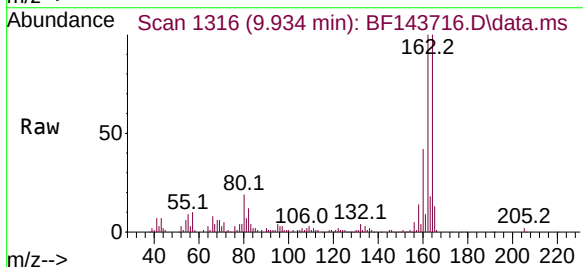
Tgt Ion:164 Resp: 69106

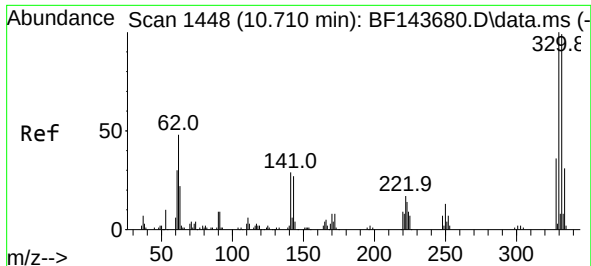
Ion Ratio Lower Upper

164 100

162 100.0 80.6 121.0

160 41.8 33.0 49.4





#42

2,4,6-Tribromophenol

Concen: 72.031 ng

RT: 10.722 min Scan# 1448

Delta R.T. 0.012 min

Lab File: BF143716.D

Acq: 11 Sep 2025 19:57

Instrument :

BNA_F

ClientSampleId :

MOO-25-0141

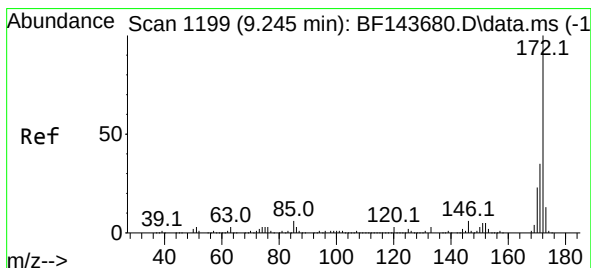
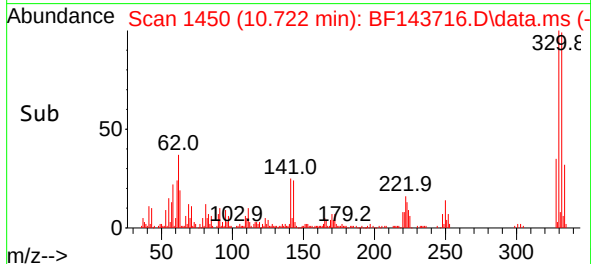
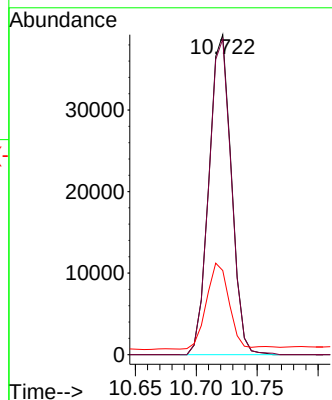
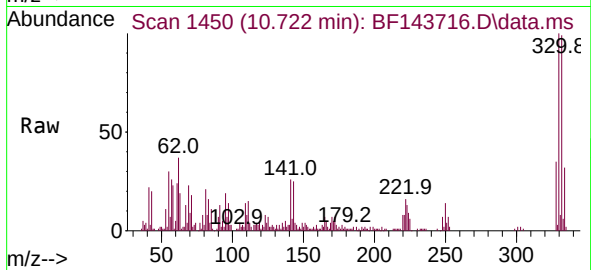
Tgt Ion:330 Resp: 50165

Ion Ratio Lower Upper

330 100

332 99.0 79.2 118.8

141 27.0 22.2 33.4



#45

2-Fluorobiphenyl

Concen: 58.405 ng

RT: 9.251 min Scan# 1200

Delta R.T. 0.006 min

Lab File: BF143716.D

Acq: 11 Sep 2025 19:57

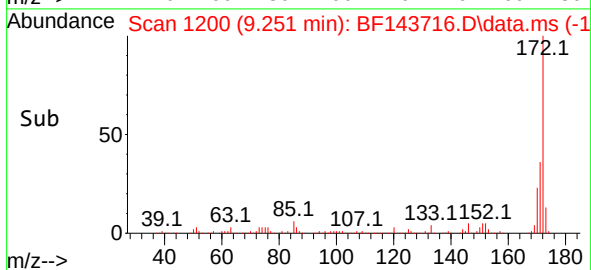
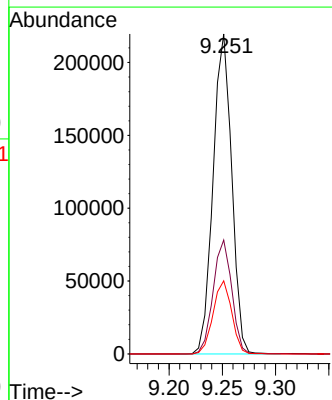
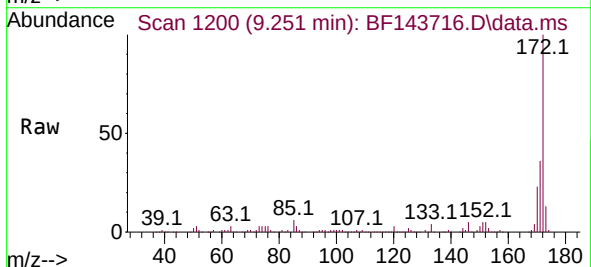
Tgt Ion:172 Resp: 267187

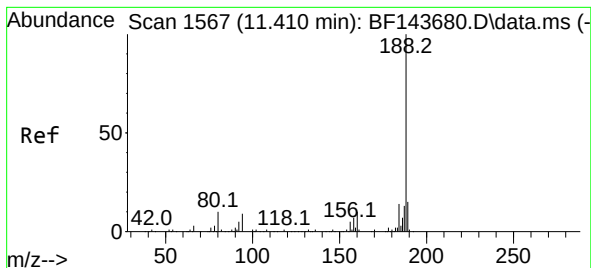
Ion Ratio Lower Upper

172 100

171 35.6 27.9 41.9

170 22.8 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF143716.D

Acq: 11 Sep 2025 19:57

Instrument :

BNA_F

ClientSampleId :

MOO-25-0141

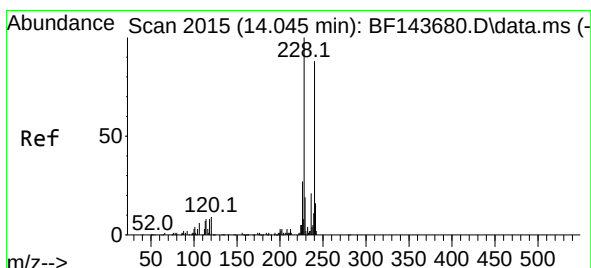
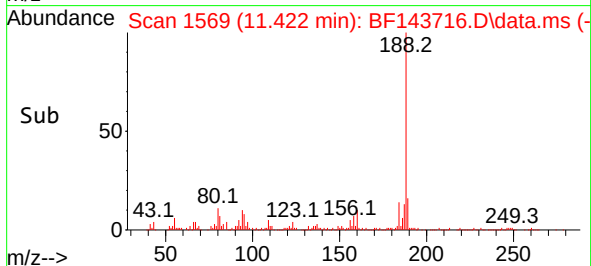
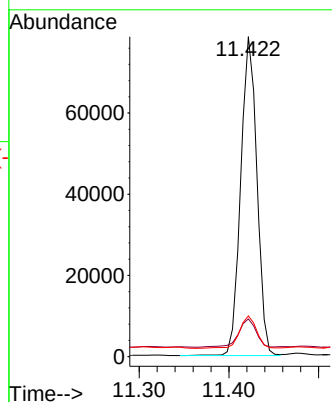
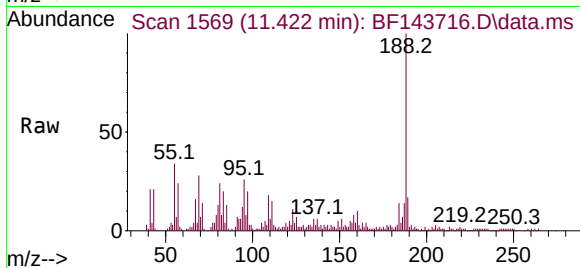
Tgt Ion:188 Resp: 98503

Ion Ratio Lower Upper

188 100

94 11.8 7.4 11.0#

80 12.7 7.7 11.5#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. 0.018 min

Lab File: BF143716.D

Acq: 11 Sep 2025 19:57

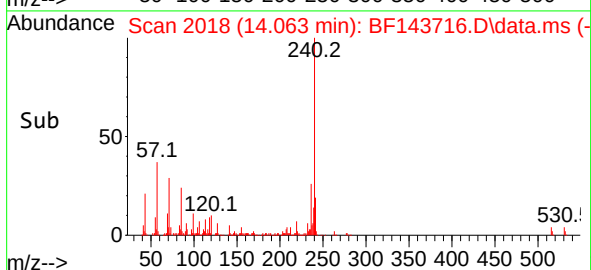
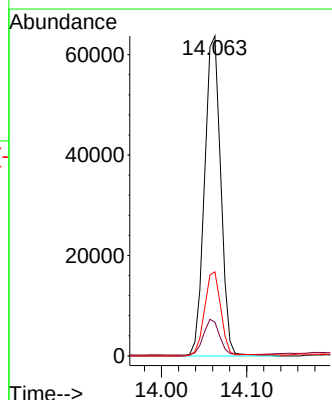
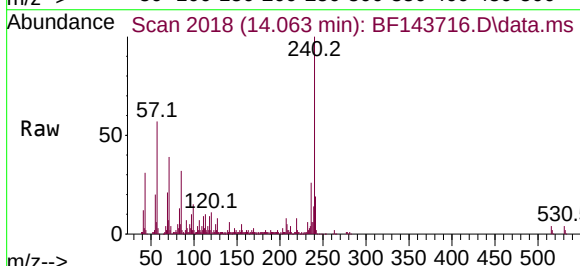
Tgt Ion:240 Resp: 84115

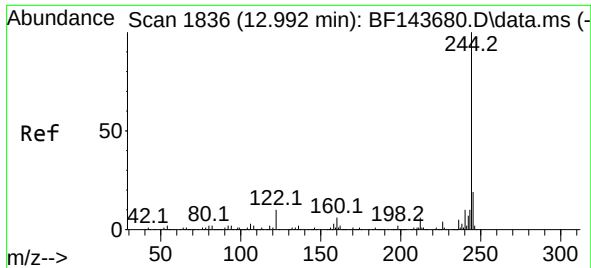
Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

236 26.3 18.6 28.0

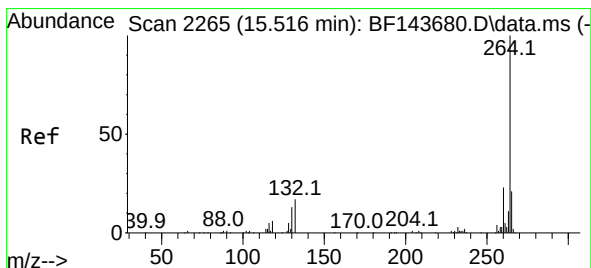
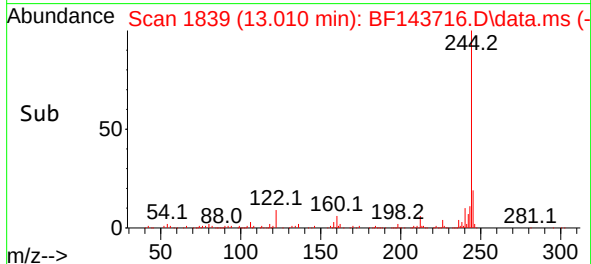
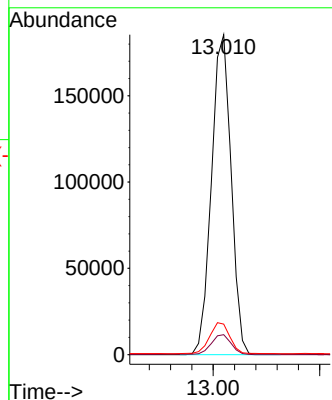
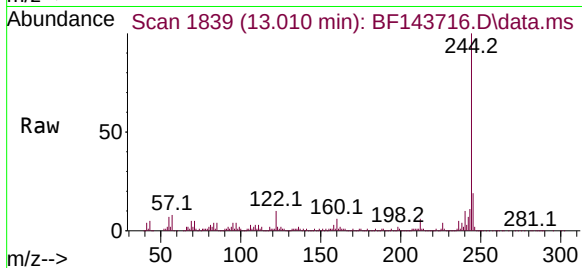




#79
Terphenyl-d14
Concen: 45.836 ng
RT: 13.010 min Scan# 1836
Delta R.T. 0.018 min
Lab File: BF143716.D
Acq: 11 Sep 2025 19:57

Instrument :
BNA_F
ClientSampleId :
MOO-25-0141

Tgt Ion:244 Resp: 237917
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.6
122 9.5 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.024 min
Lab File: BF143716.D
Acq: 11 Sep 2025 19:57

Tgt Ion:264 Resp: 66458
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 22.4 17.1 25.7

