

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
 Data File : BF143615.D
 Acq On : 28 Aug 2025 17:44
 Operator : RC/JU
 Sample : Q2970-25
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP6

Quant Time: Aug 29 01:08:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 26 16:30:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	102884	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	401213	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	231933	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	385679	20.000	ng	0.00
76) Chrysene-d12	14.045	240	191804	20.000	ng	0.00
86) Perylene-d12	15.521	264	188103	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	532545	88.097	ng	0.00
7) Phenol-d6	6.504	99	677834	90.534	ng	0.00
23) Nitrobenzene-d5	7.445	82	417216	74.249	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	203446	112.168	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	795522	58.644	ng	0.00
79) Terphenyl-d14	12.992	244	775098	72.517	ng	0.00

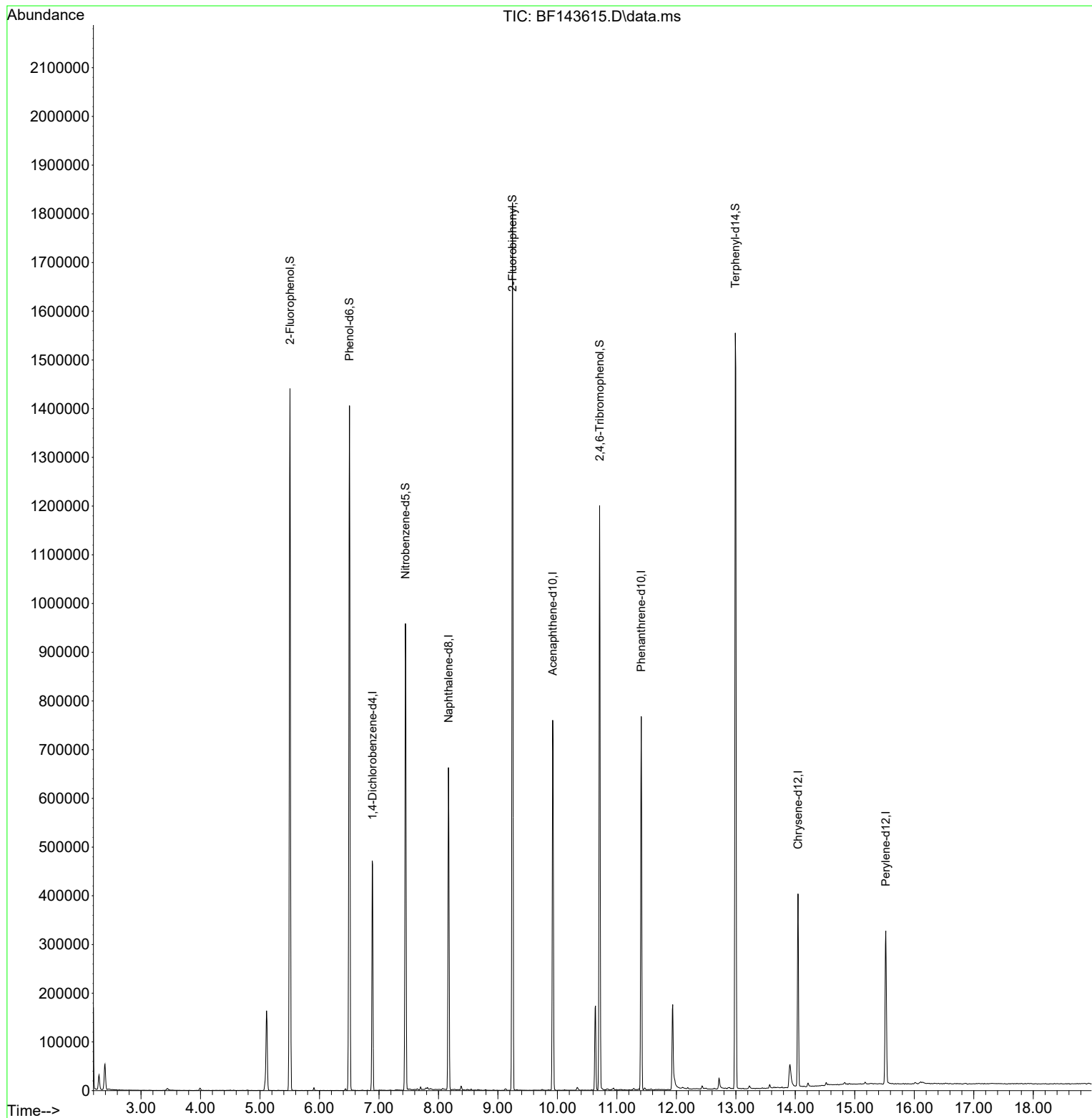
Target Compounds	Qvalue

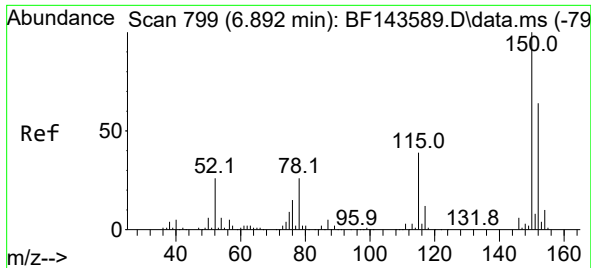
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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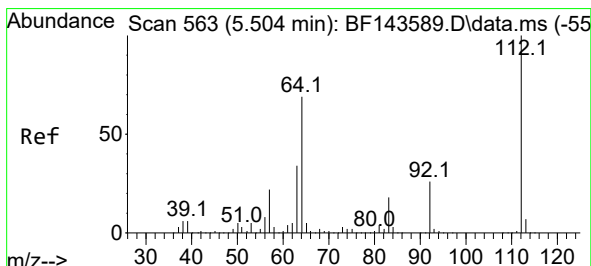
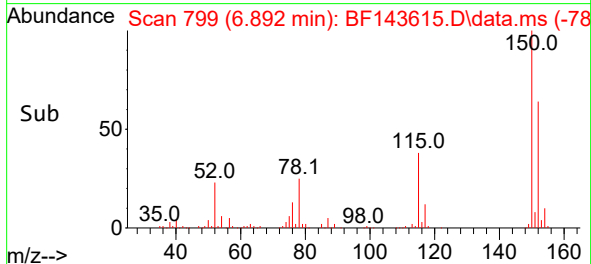
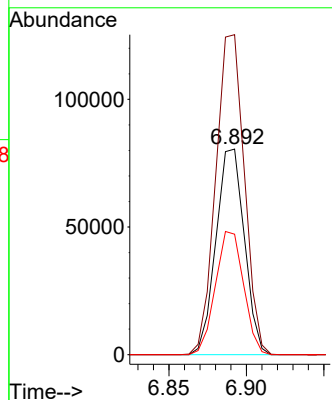
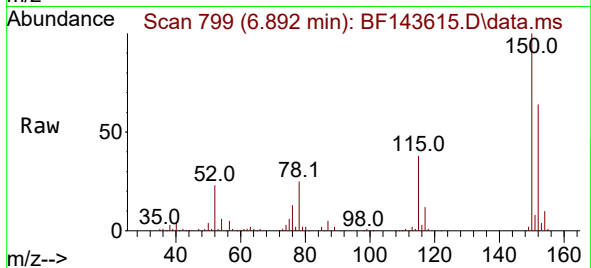




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF143615.D
Acq: 28 Aug 2025 17:44

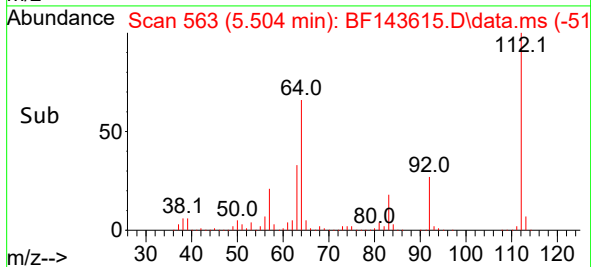
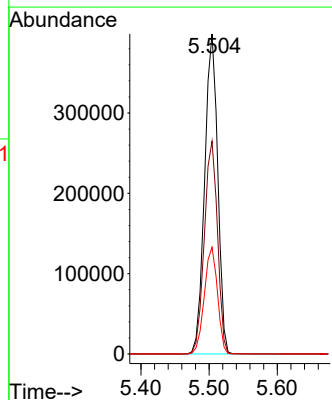
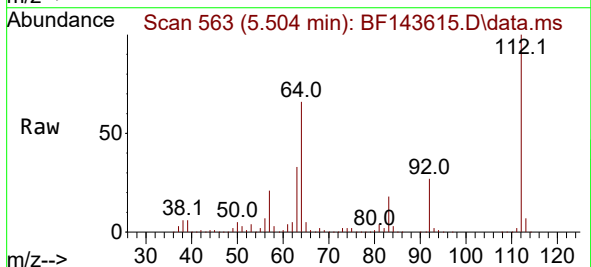
Instrument :
BNA_F
ClientSampleId :
TP6

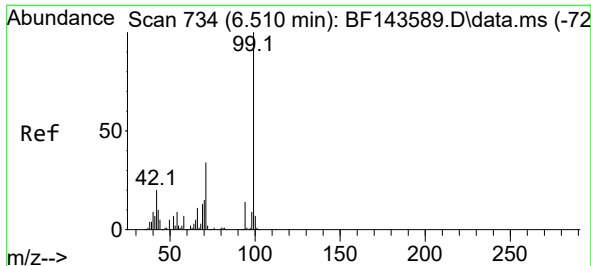
Tgt Ion:152 Resp: 102884
Ion Ratio Lower Upper
152 100
150 155.6 124.9 187.3
115 58.6 48.0 72.0



#5
2-Fluorophenol
Concen: 88.097 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF143615.D
Acq: 28 Aug 2025 17:44

Tgt Ion:112 Resp: 532545
Ion Ratio Lower Upper
112 100
64 66.5 54.8 82.2
63 33.3 27.6 41.4





#7

Phenol-d6

Concen: 90.534 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF143615.D

Acq: 28 Aug 2025 17:44

Instrument :

BNA_F

ClientSampleId :

TP6

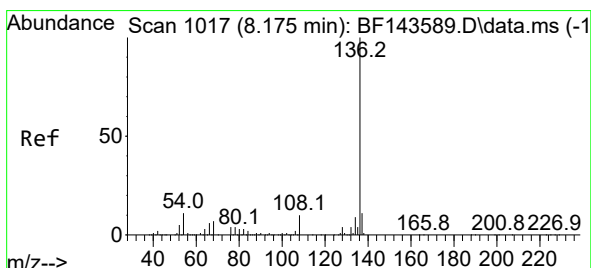
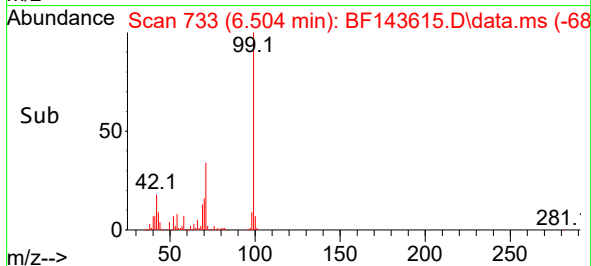
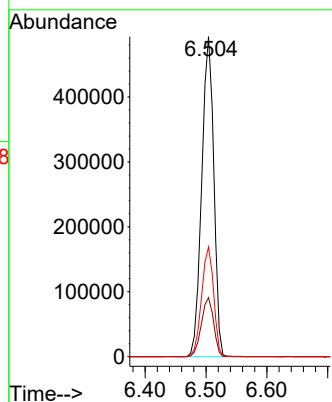
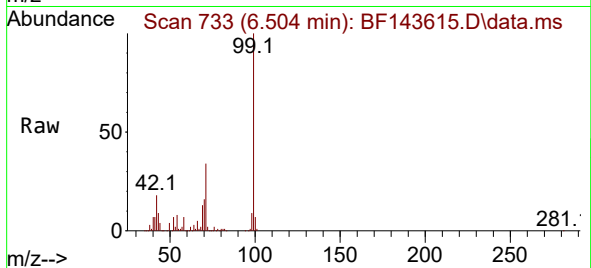
Tgt Ion: 99 Resp: 677834

Ion Ratio Lower Upper

99 100

42 18.5 15.9 23.9

71 34.2 27.2 40.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF143615.D

Acq: 28 Aug 2025 17:44

Tgt Ion: 136 Resp: 401213

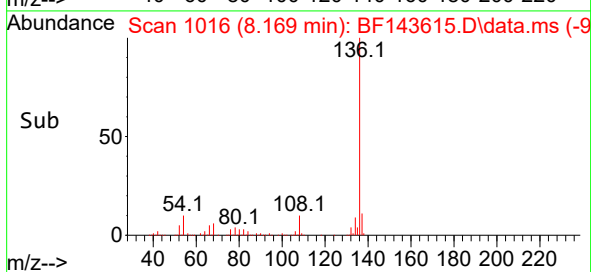
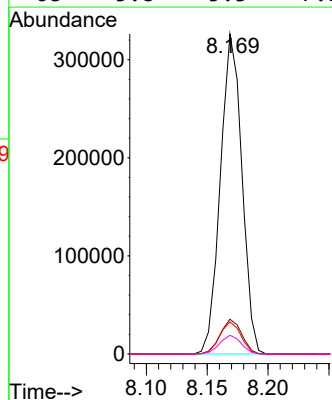
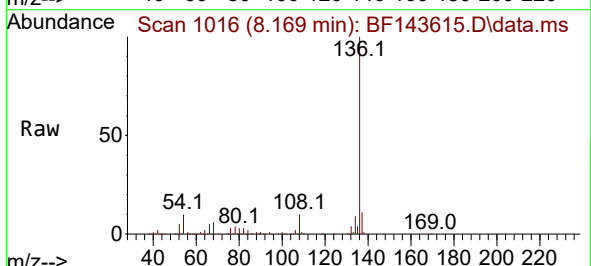
Ion Ratio Lower Upper

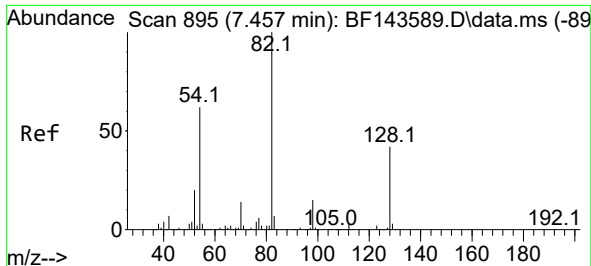
136 100

137 10.8 8.9 13.3

54 10.1 9.0 13.6

68 5.8 5.3 7.9





#23

Nitrobenzene-d5

Concen: 74.249 ng

RT: 7.445 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF143615.D

Acq: 28 Aug 2025 17:44

Instrument :

BNA_F

ClientSampleId :

TP6

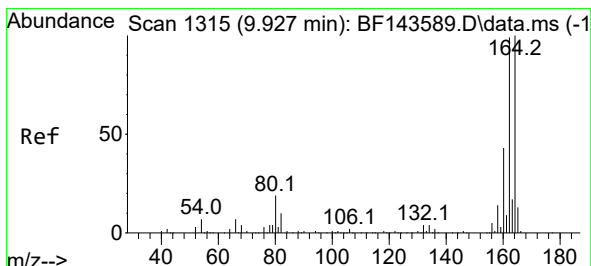
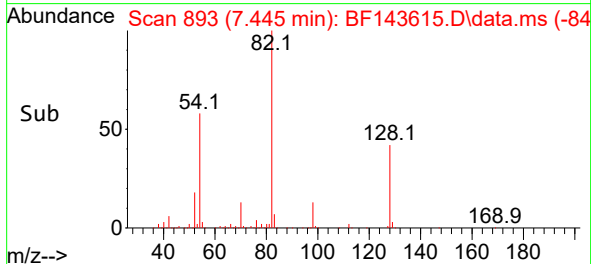
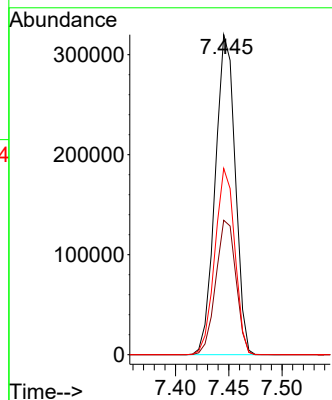
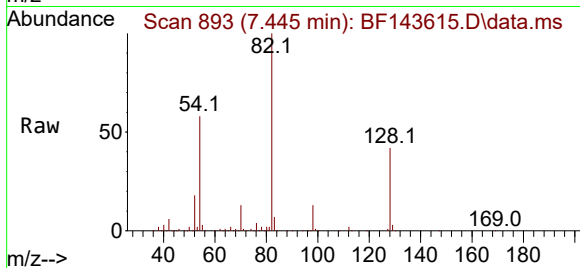
Tgt Ion: 82 Resp: 417216

Ion Ratio Lower Upper

82 100

128 42.0 33.4 50.2

54 58.2 49.3 73.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143615.D

Acq: 28 Aug 2025 17:44

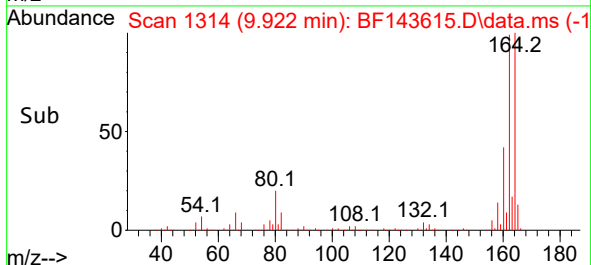
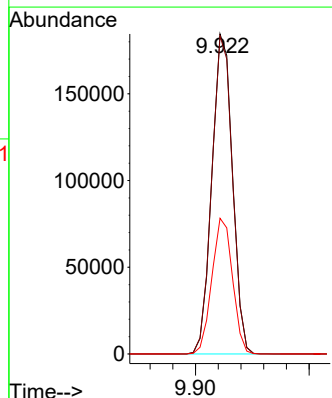
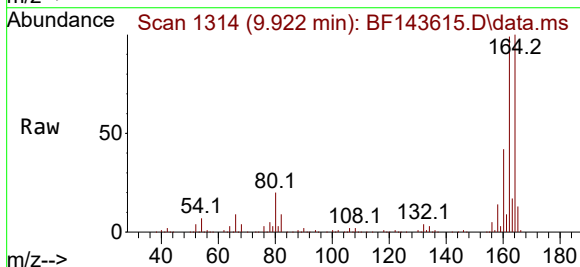
Tgt Ion:164 Resp: 231933

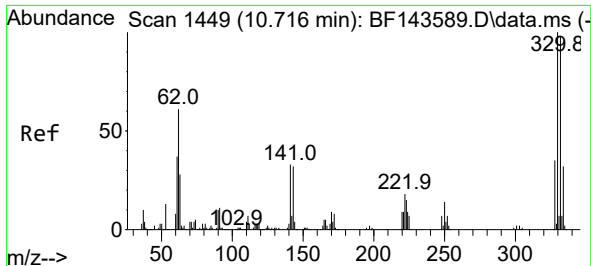
Ion Ratio Lower Upper

164 100

162 99.4 79.5 119.3

160 42.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 112.168 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF143615.D

Acq: 28 Aug 2025 17:44

Instrument :

BNA_F

ClientSampleId :

TP6

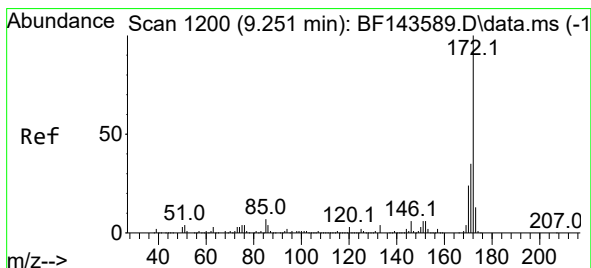
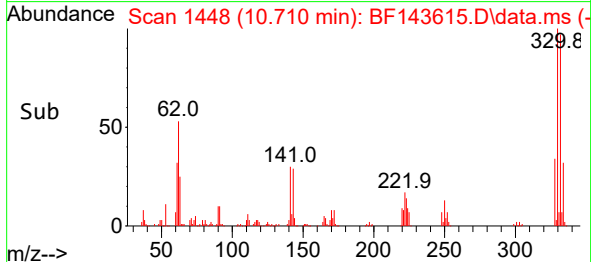
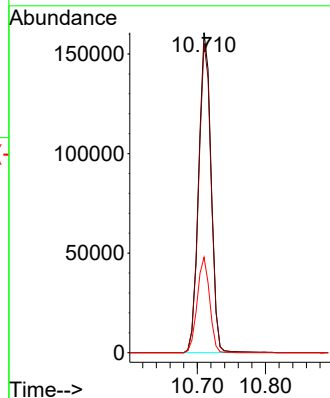
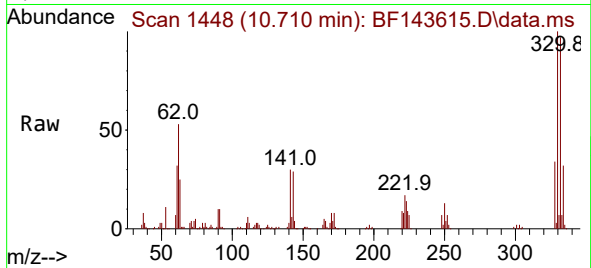
Tgt Ion:330 Resp: 203446

Ion Ratio Lower Upper

330 100

332 96.7 78.2 117.4

141 29.6 25.4 38.0



#45

2-Fluorobiphenyl

Concen: 58.644 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143615.D

Acq: 28 Aug 2025 17:44

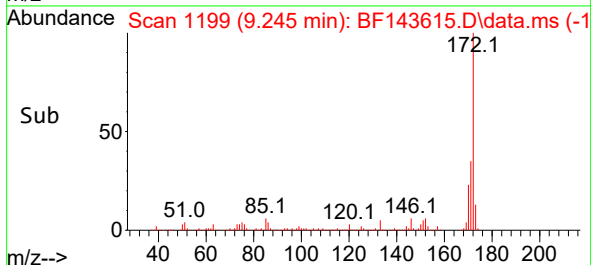
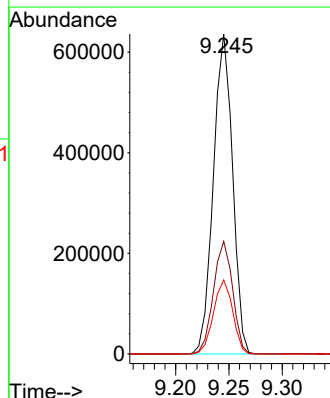
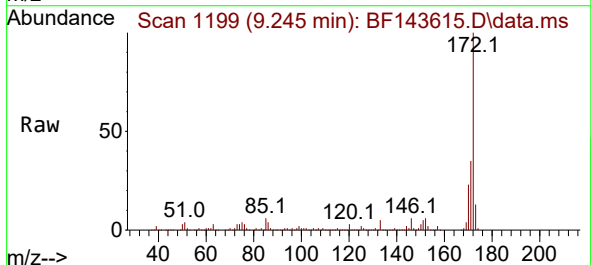
Tgt Ion:172 Resp: 795522

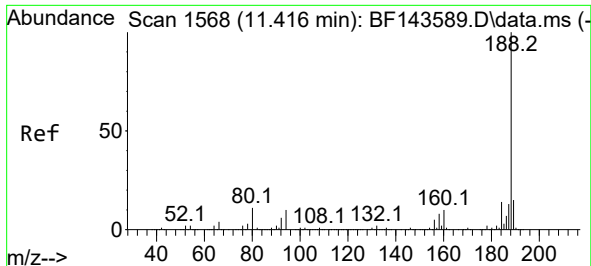
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.2 19.0 28.4

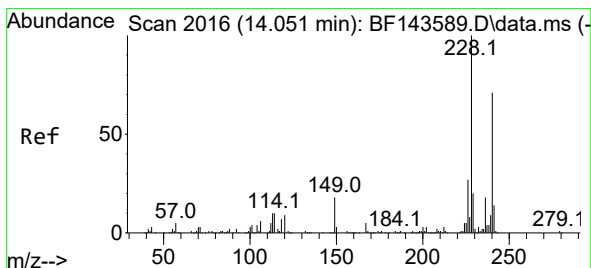
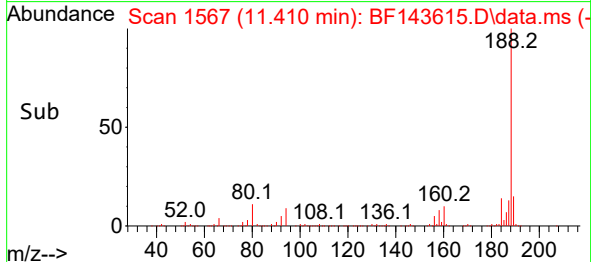
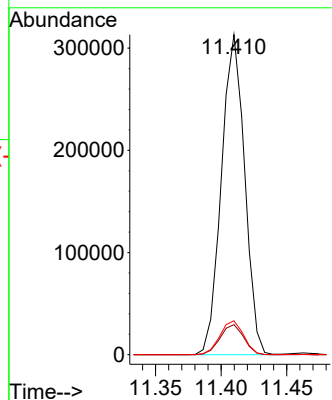
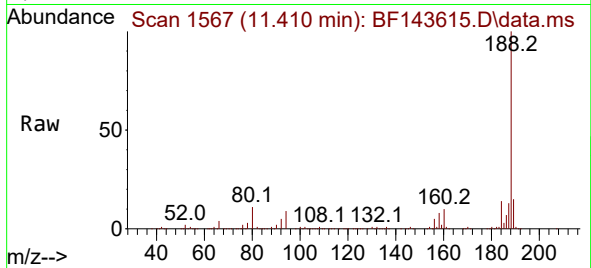




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143615.D
Acq: 28 Aug 2025 17:44

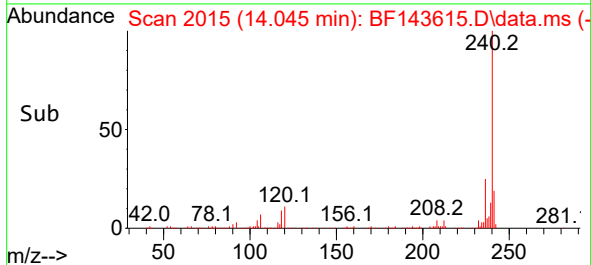
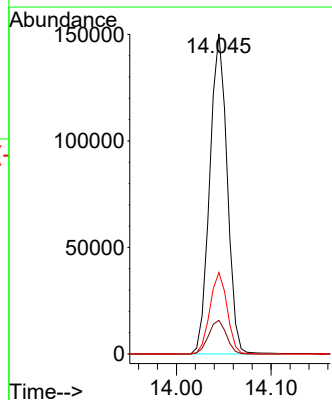
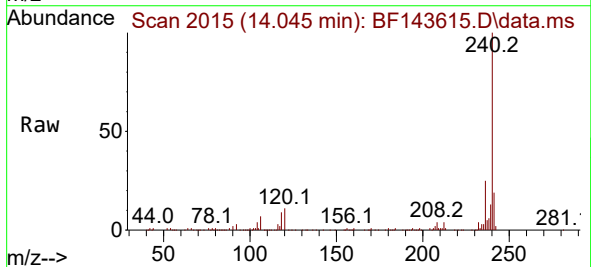
Instrument :
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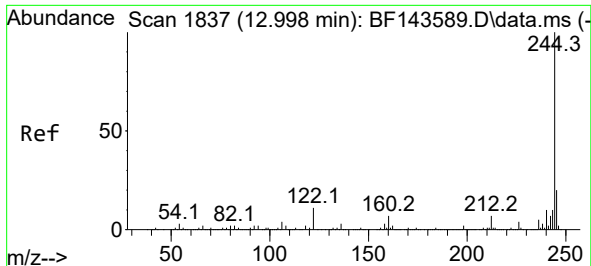
Tgt Ion:188 Resp: 385679
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.4
80 10.6 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143615.D
Acq: 28 Aug 2025 17:44

Tgt Ion:240 Resp: 191804
Ion Ratio Lower Upper
240 100
120 10.5 9.6 14.4
236 25.5 20.2 30.2

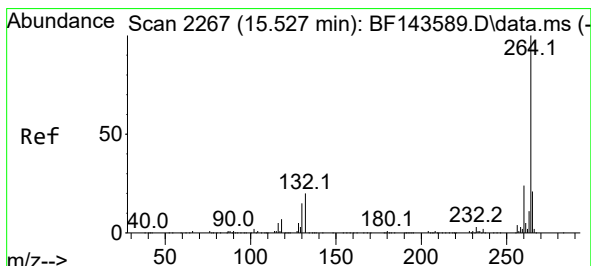
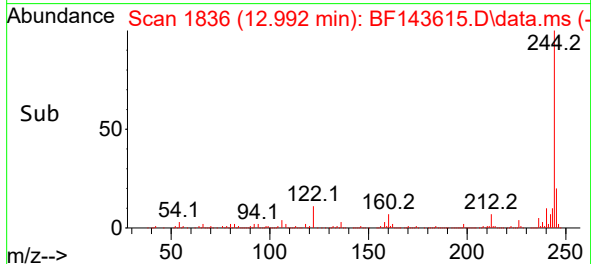
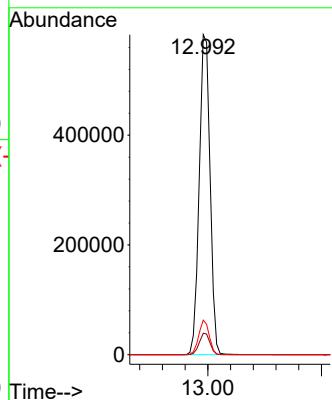
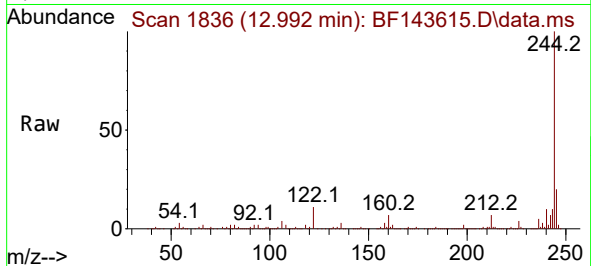




#79
 Terphenyl-d14
 Concen: 72.517 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF143615.D
 Acq: 28 Aug 2025 17:44

Instrument :
 BNA_F
 ClientSampleId :
 TP6

Tgt Ion:244 Resp: 775098
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 10.8 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: BF143615.D
 Acq: 28 Aug 2025 17:44

Tgt Ion:264 Resp: 188103
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 21.2 17.0 25.4

