

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
 Data File : BF143620.D
 Acq On : 28 Aug 2025 20:12
 Operator : RC/JU
 Sample : Q2971-31
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4

Quant Time: Aug 29 01:09:58 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	99904	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	382160	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	223546	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	355974	20.000	ng	0.00
76) Chrysene-d12	14.045	240	168902	20.000	ng	0.00
86) Perylene-d12	15.521	264	196935	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	408640	69.617	ng	0.00
7) Phenol-d6	6.504	99	516188	71.000	ng	0.00
23) Nitrobenzene-d5	7.445	82	311481	58.196	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	140594	80.423	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	618862	47.333	ng	0.00
79) Terphenyl-d14	12.992	244	534313	56.768	ng	0.00

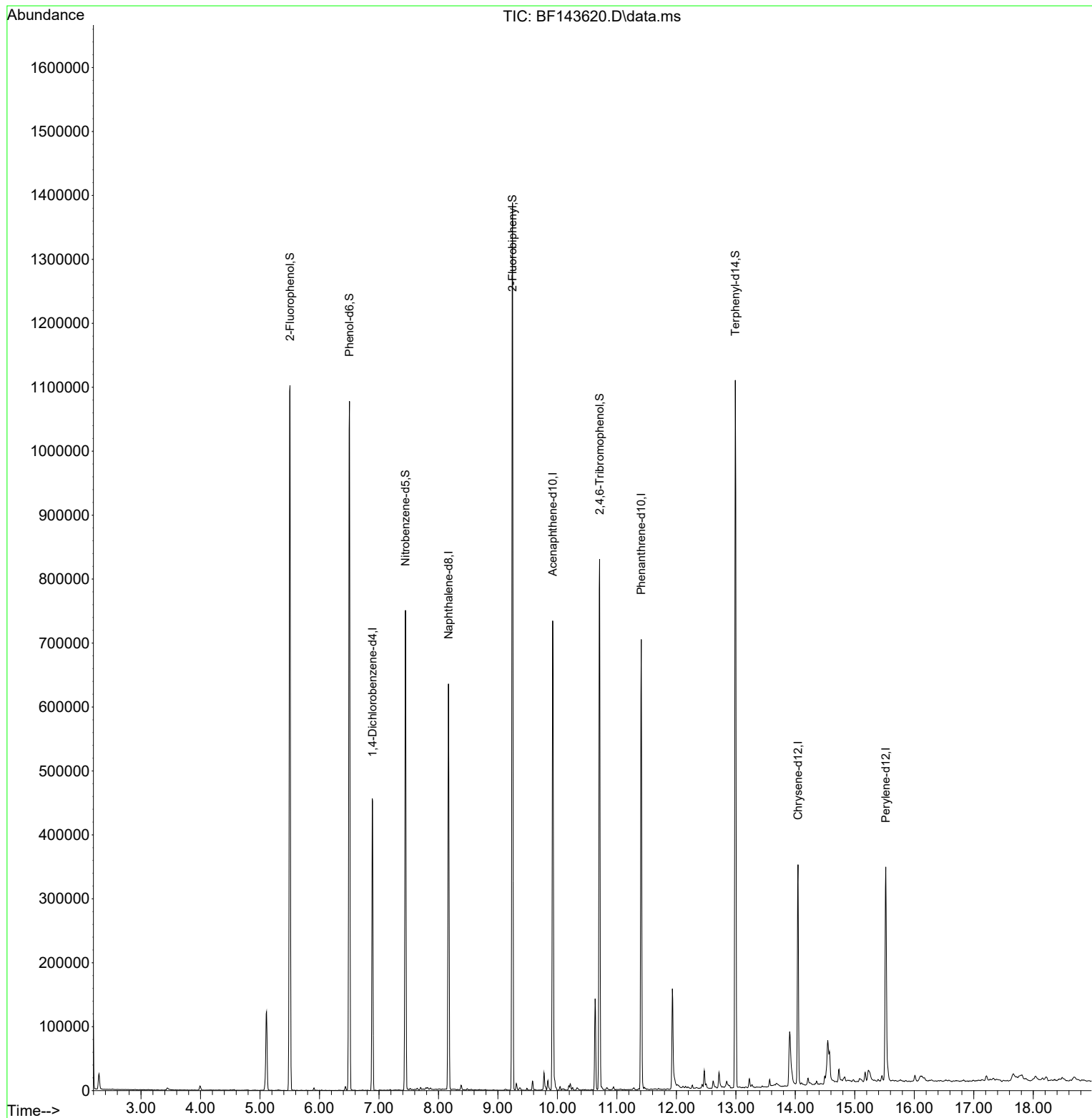
Target Compounds	Qvalue

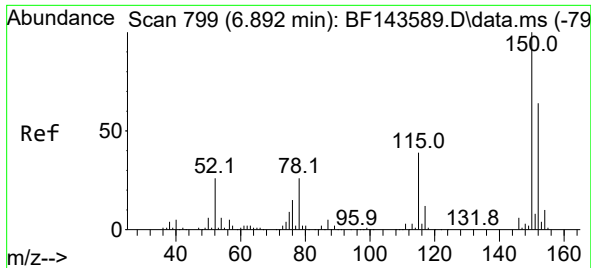
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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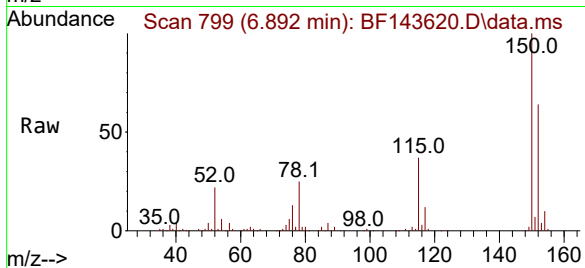
Quant Time: Aug 29 01:09:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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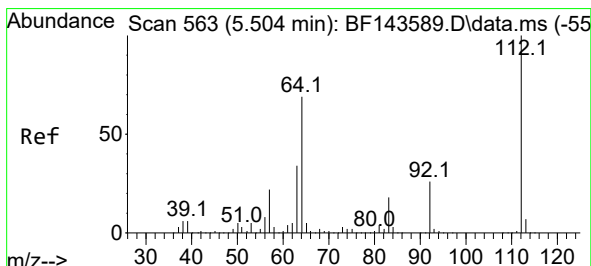
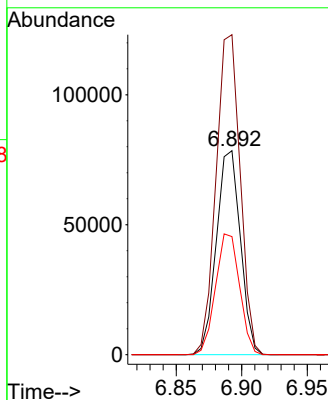
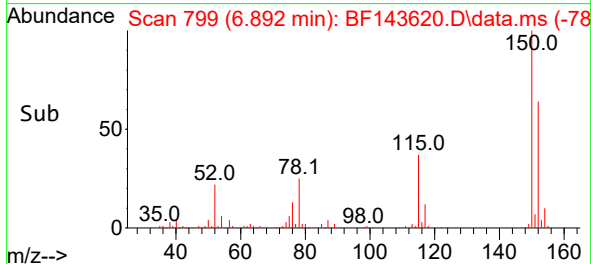


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF143620.D
Acq: 28 Aug 2025 20:12

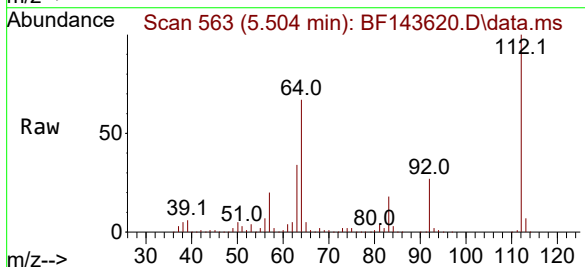
Instrument :
BNA_F
ClientSampleId :
TP4



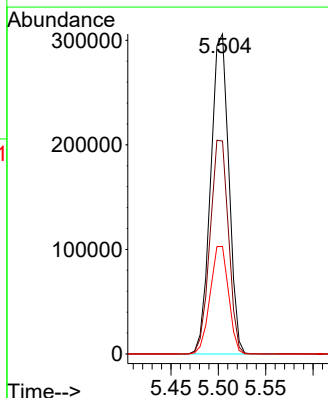
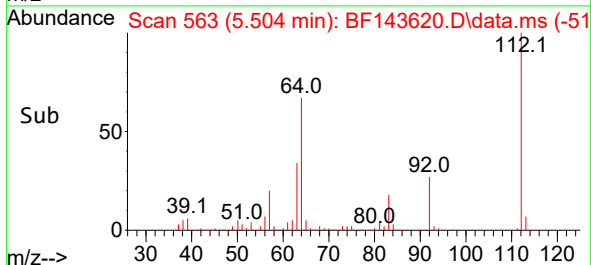
Tgt Ion:152 Resp: 99904
Ion Ratio Lower Upper
152 100
150 156.8 124.9 187.3
115 57.9 48.0 72.0

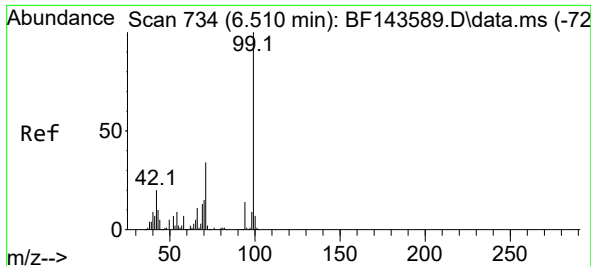


#5
2-Fluorophenol
Concen: 69.617 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF143620.D
Acq: 28 Aug 2025 20:12



Tgt Ion:112 Resp: 408640
Ion Ratio Lower Upper
112 100
64 66.6 54.8 82.2
63 33.6 27.6 41.4

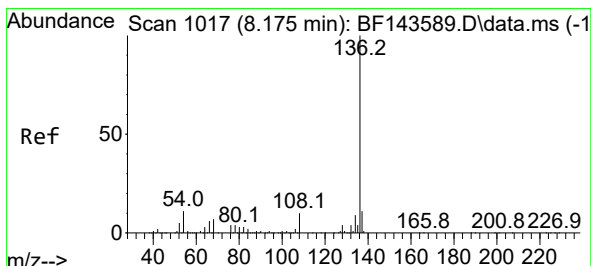
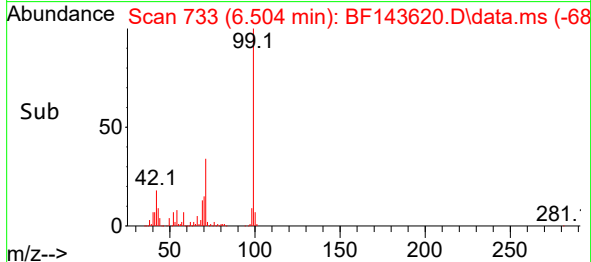
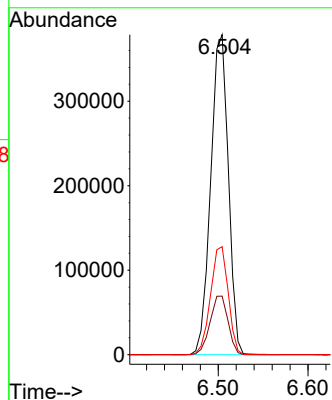
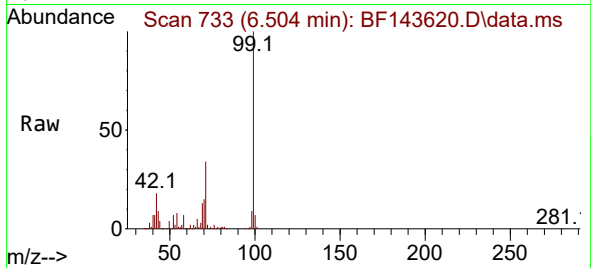




#7
Phenol-d6
Concen: 71.000 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143620.D
Acq: 28 Aug 2025 20:12

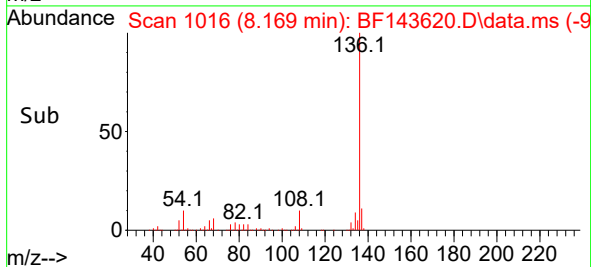
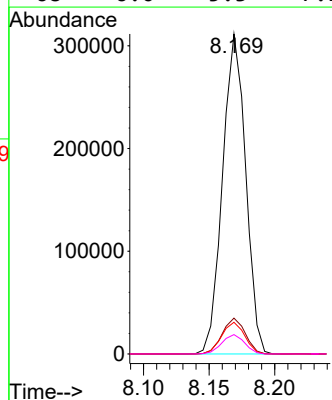
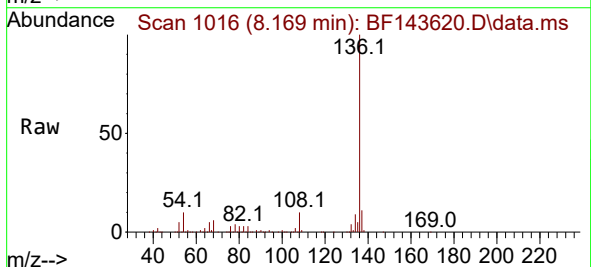
Instrument :
BNA_F
ClientSampleId :
TP4

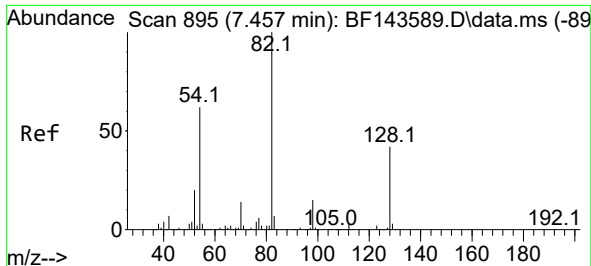
Tgt Ion: 99 Resp: 516188
Ion Ratio Lower Upper
99 100
42 18.3 15.9 23.9
71 33.8 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143620.D
Acq: 28 Aug 2025 20:12

Tgt Ion: 136 Resp: 382160
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.9 9.0 13.6
68 6.0 5.3 7.9





#23

Nitrobenzene-d5

Concen: 58.196 ng

RT: 7.445 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF143620.D

Acq: 28 Aug 2025 20:12

Instrument :

BNA_F

ClientSampleId :

TP4

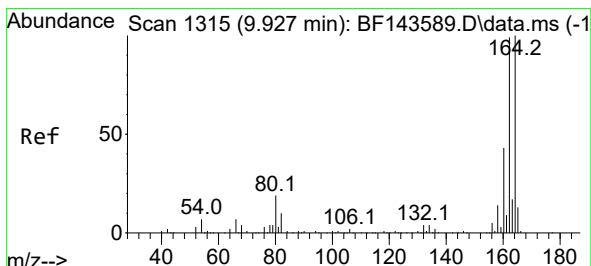
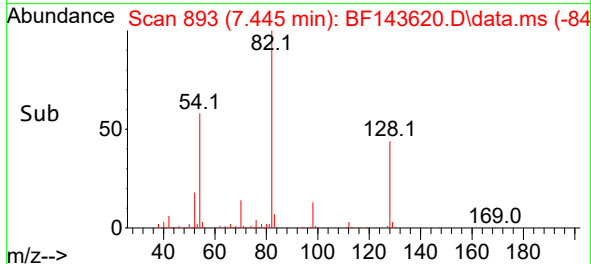
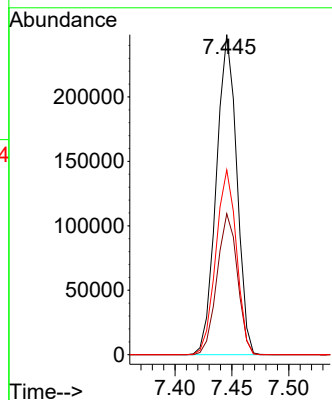
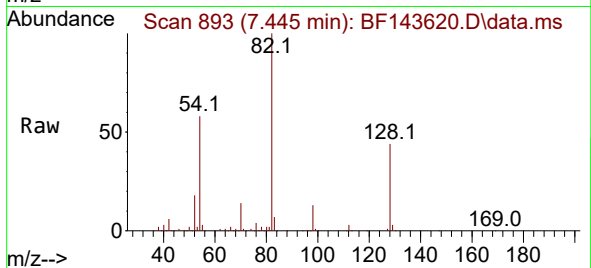
Tgt Ion: 82 Resp: 311481

Ion Ratio Lower Upper

82 100

128 44.0 33.4 50.2

54 57.8 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: BF143620.D

Acq: 28 Aug 2025 20:12

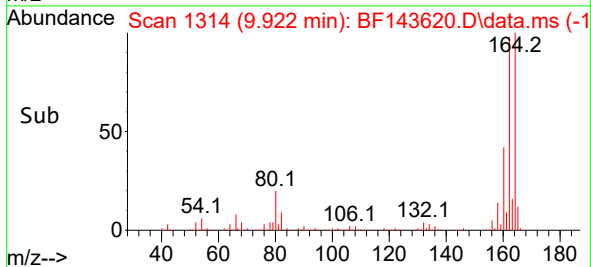
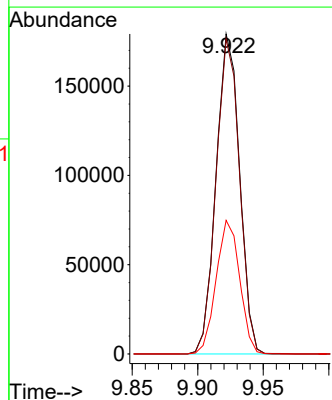
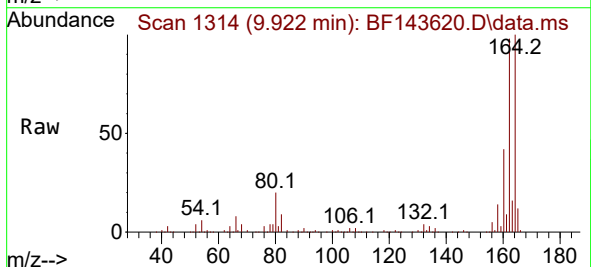
Tgt Ion:164 Resp: 223546

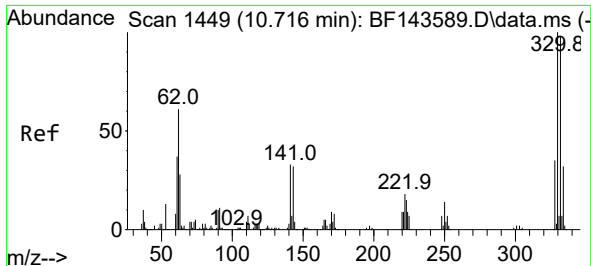
Ion Ratio Lower Upper

164 100

162 98.5 79.5 119.3

160 41.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 80.423 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF143620.D

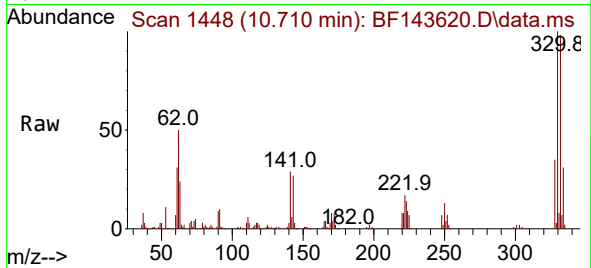
Acq: 28 Aug 2025 20:12

Instrument :

BNA_F

ClientSampleId :

TP4



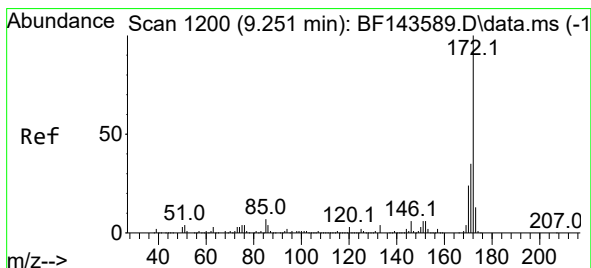
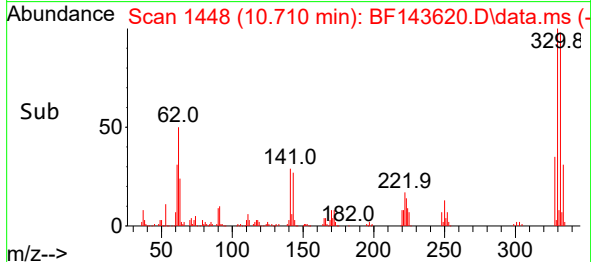
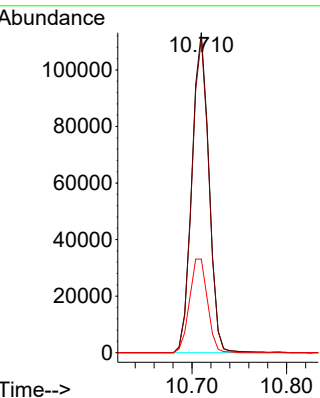
Tgt Ion:330 Resp: 140594

Ion Ratio Lower Upper

330 100

332 98.2 78.2 117.4

141 30.9 25.4 38.0



#45

2-Fluorobiphenyl

Concen: 47.333 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143620.D

Acq: 28 Aug 2025 20:12

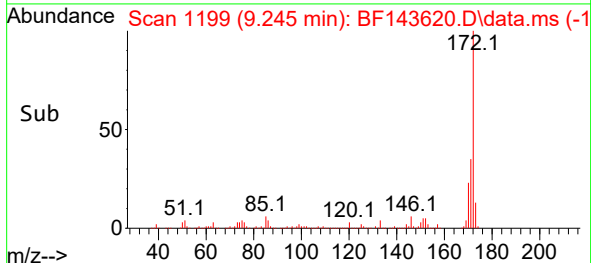
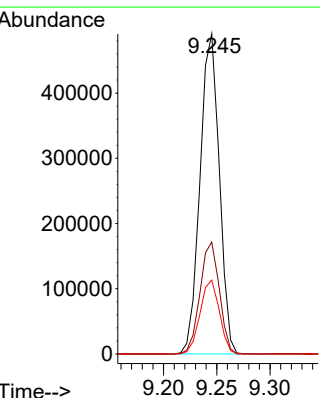
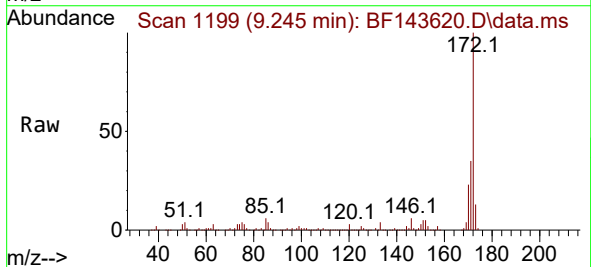
Tgt Ion:172 Resp: 618862

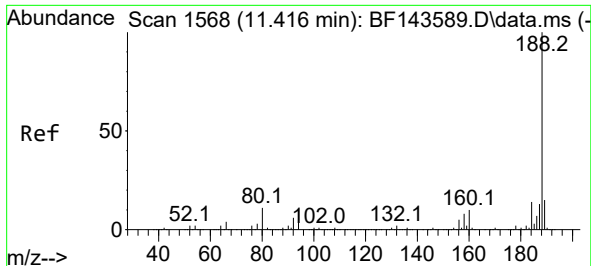
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.1 19.0 28.4

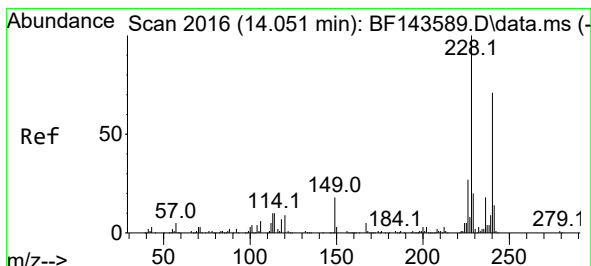
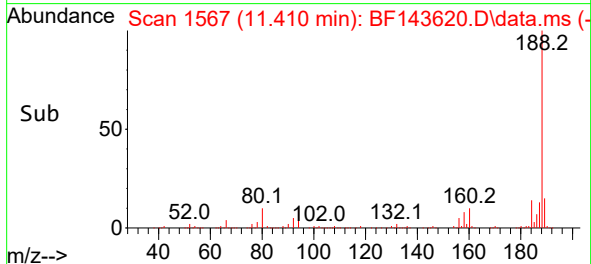
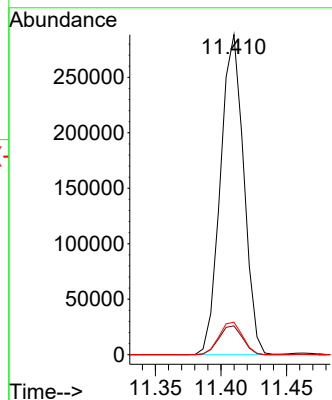
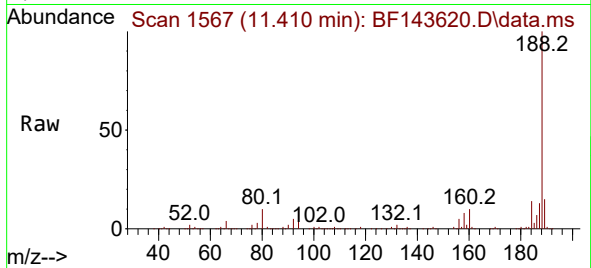




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143620.D
Acq: 28 Aug 2025 20:12

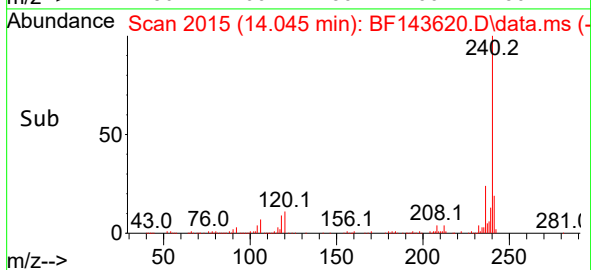
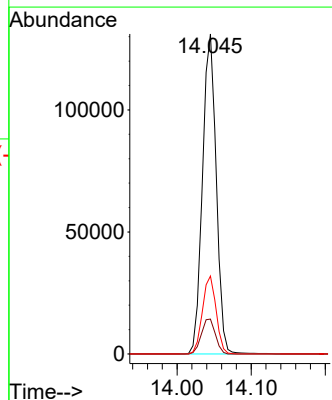
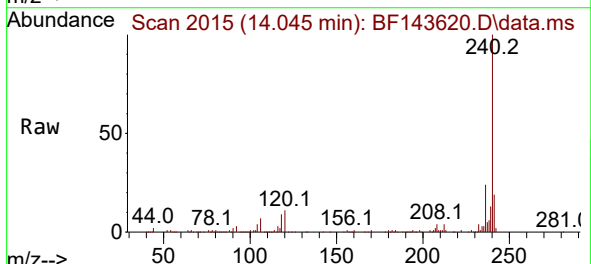
Instrument :
BNA_F
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TP4

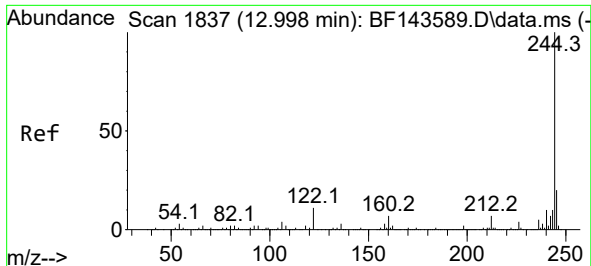
Tgt Ion:188 Resp: 355974
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.4
80 10.2 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143620.D
Acq: 28 Aug 2025 20:12

Tgt Ion:240 Resp: 168902
Ion Ratio Lower Upper
240 100
120 10.9 9.6 14.4
236 24.4 20.2 30.2

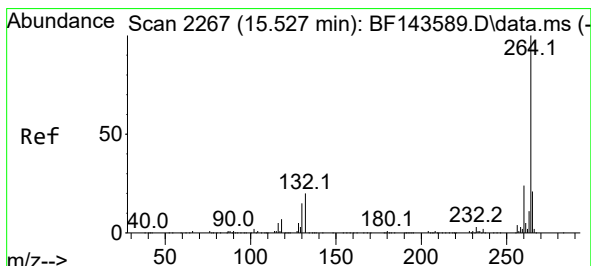
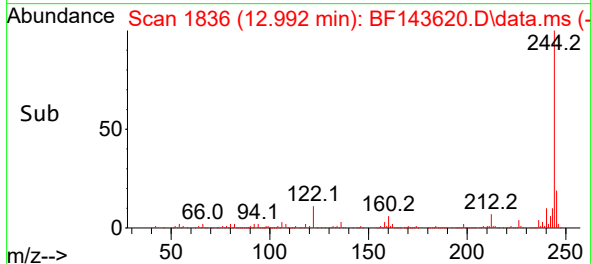
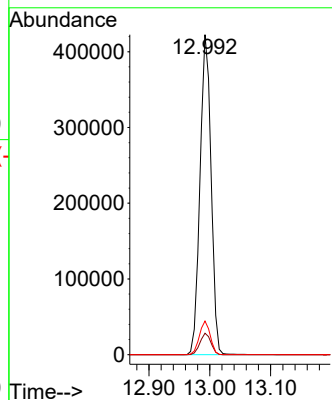
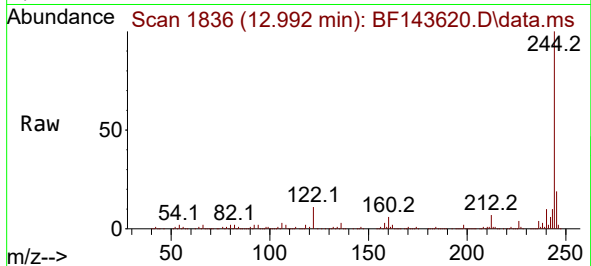




#79
 Terphenyl-d14
 Concen: 56.768 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF143620.D
 Acq: 28 Aug 2025 20:12

Instrument :
 BNA_F
 ClientSampleId :
 TP4

Tgt Ion:244 Resp: 534313
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 10.5 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: BF143620.D
 Acq: 28 Aug 2025 20:12

Tgt Ion:264 Resp: 196935
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.9 28.3
 265 21.5 17.0 25.4

