

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
 Data File : BF143461.D
 Acq On : 19 Aug 2025 17:27
 Operator : RC/JU
 Sample : Q2891-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BARRICADE

Quant Time: Aug 19 17:49:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 18 04:40:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	146201	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	574409	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	336619	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	570336	20.000	ng	0.00
76) Chrysene-d12	14.092	240	296202	20.000	ng	0.00
86) Perylene-d12	15.586	264	288812	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	415338	49.384	ng	0.01
7) Phenol-d6	6.563	99	570314	53.808	ng	0.00
23) Nitrobenzene-d5	7.481	82	387666	40.048	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	152528	50.908	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	838775	41.911	ng	0.00
79) Terphenyl-d14	13.027	244	857439	48.628	ng	0.00

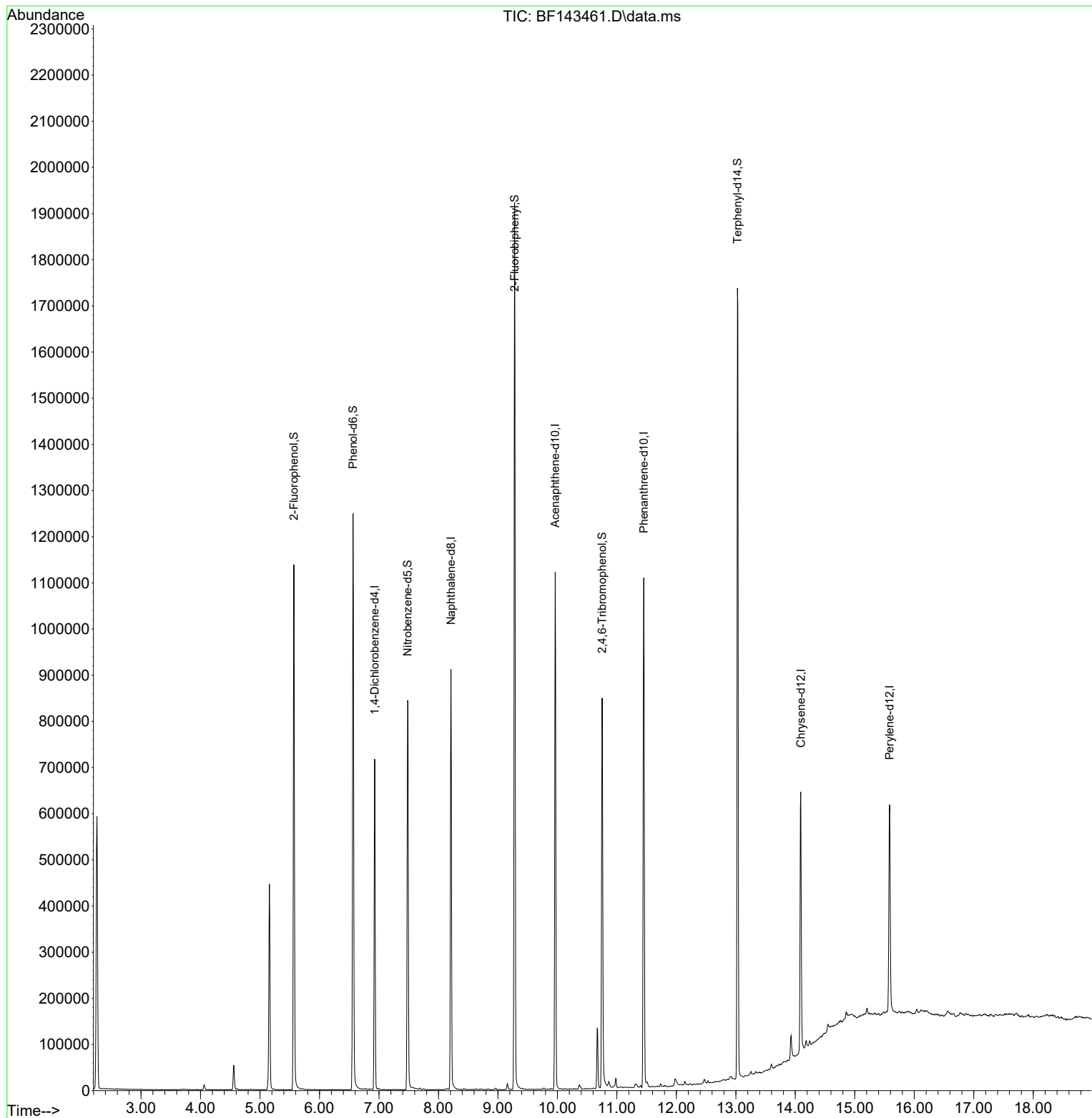
Target Compounds	Qvalue

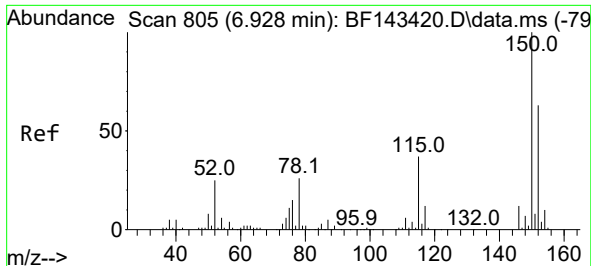
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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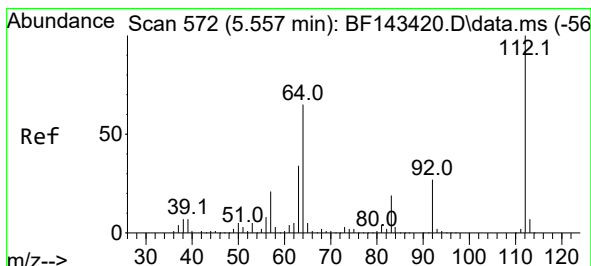
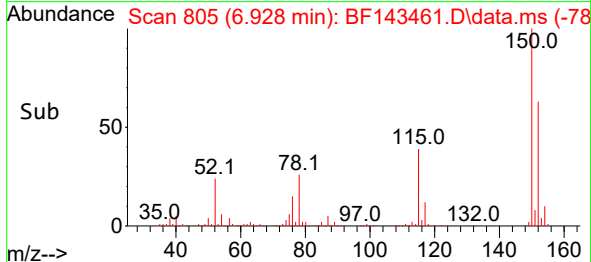
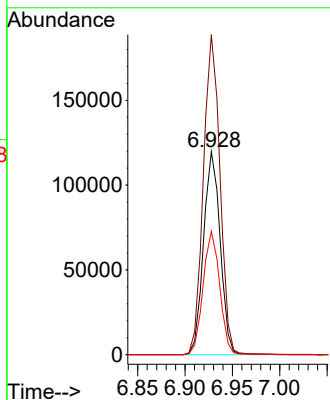
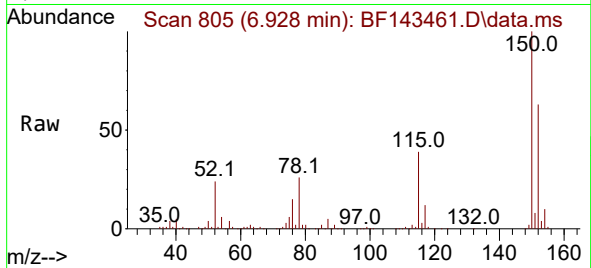




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF143461.D
 Acq: 19 Aug 2025 17:27

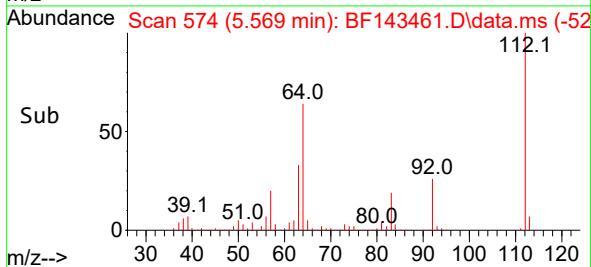
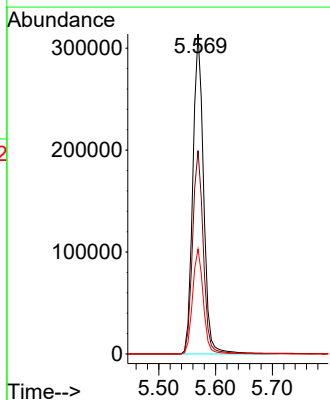
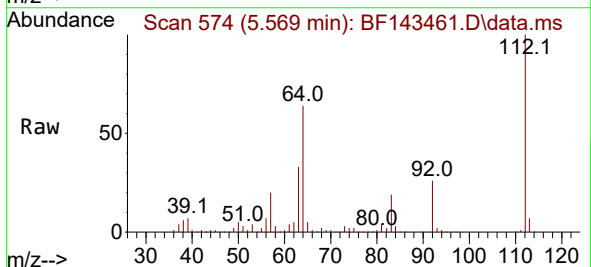
Instrument :
 BNA_F
 ClientSampleId :
 BARRICADE

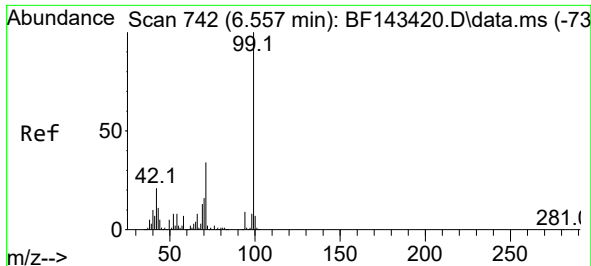
Tgt Ion:152 Resp: 146201
 Ion Ratio Lower Upper
 152 100
 150 157.7 127.4 191.2
 115 60.7 47.5 71.3



#5
 2-Fluorophenol
 Concen: 49.384 ng
 RT: 5.569 min Scan# 574
 Delta R.T. 0.012 min
 Lab File: BF143461.D
 Acq: 19 Aug 2025 17:27

Tgt Ion:112 Resp: 415338
 Ion Ratio Lower Upper
 112 100
 64 63.5 52.2 78.2
 63 32.8 27.0 40.6

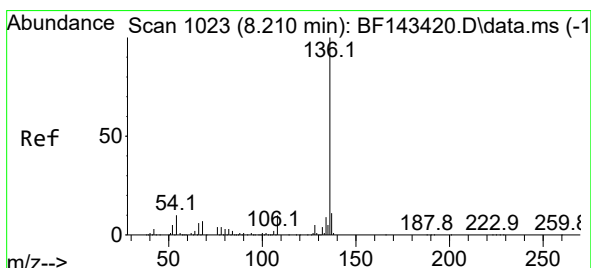
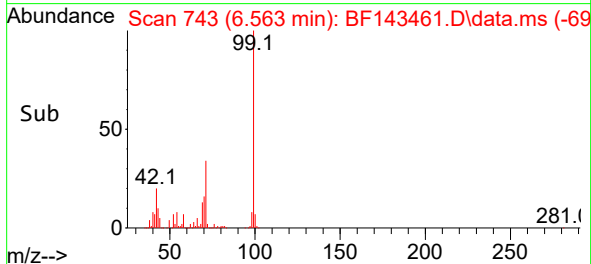
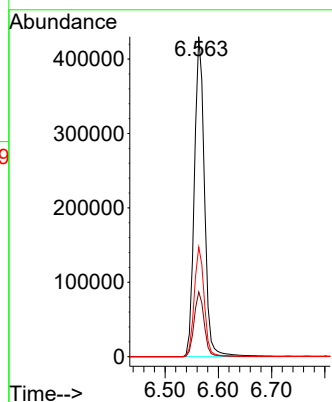
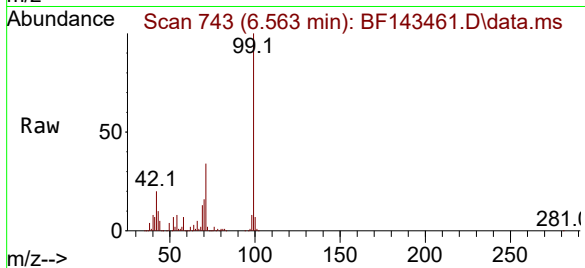




#7
Phenol-d6
Concen: 53.808 ng
RT: 6.563 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF143461.D
Acq: 19 Aug 2025 17:27

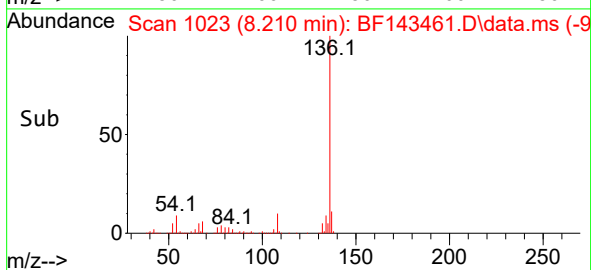
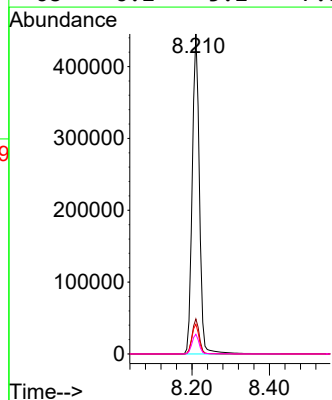
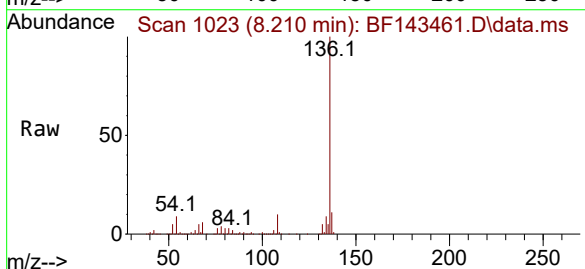
Instrument :
BNA_F
ClientSampleId :
BARRICADE

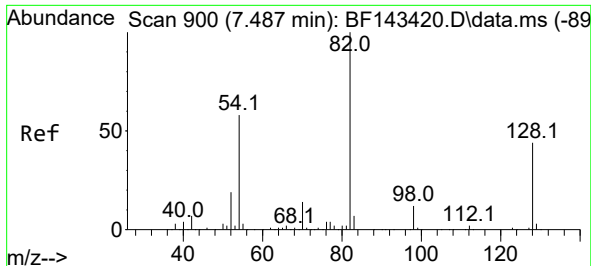
Tgt Ion: 99 Resp: 570314
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 34.3 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143461.D
Acq: 19 Aug 2025 17:27

Tgt Ion: 136 Resp: 574409
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.3 7.8 11.8
68 6.2 5.2 7.8





#23
 Nitrobenzene-d5
 Concen: 40.048 ng
 RT: 7.481 min Scan# 899
 Delta R.T. -0.006 min
 Lab File: BF143461.D
 Acq: 19 Aug 2025 17:27

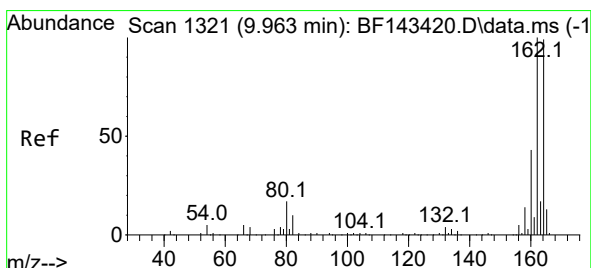
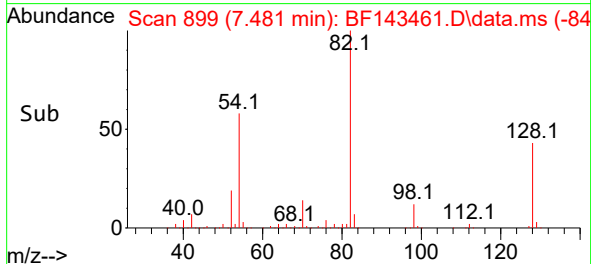
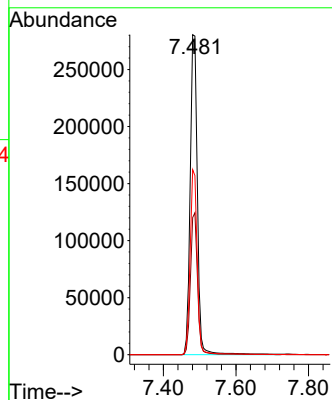
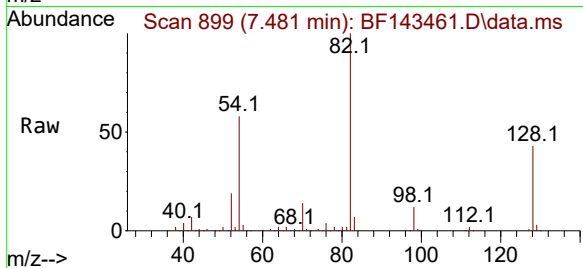
Instrument :

BNA_F

ClientSampleId :

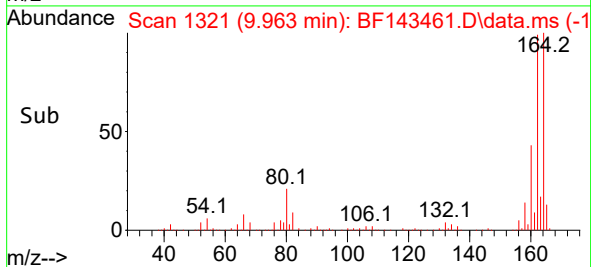
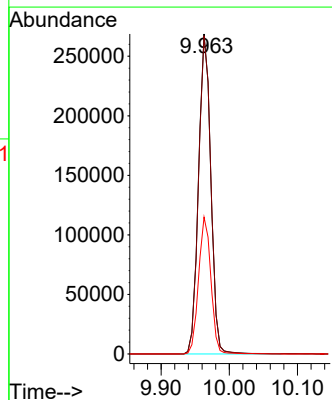
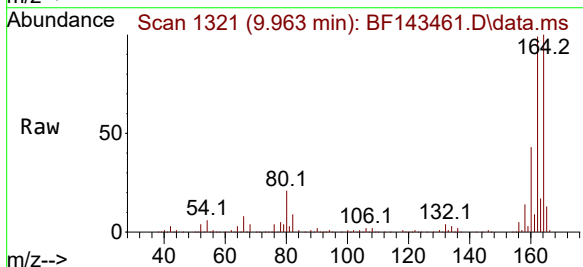
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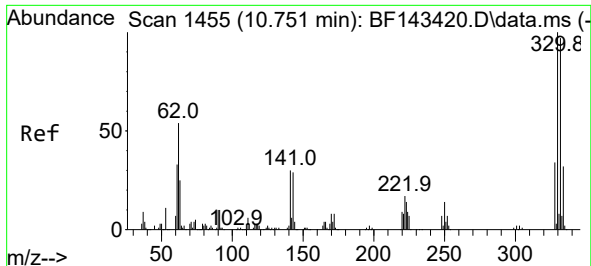
Tgt Ion: 82 Resp: 387666
 Ion Ratio Lower Upper
 82 100
 128 42.9 34.6 52.0
 54 57.8 46.0 69.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.963 min Scan# 1321
 Delta R.T. -0.000 min
 Lab File: BF143461.D
 Acq: 19 Aug 2025 17:27

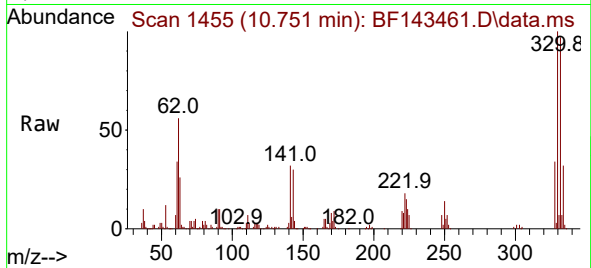
Tgt Ion:164 Resp: 336619
 Ion Ratio Lower Upper
 164 100
 162 99.5 80.6 121.0
 160 42.7 34.6 51.8



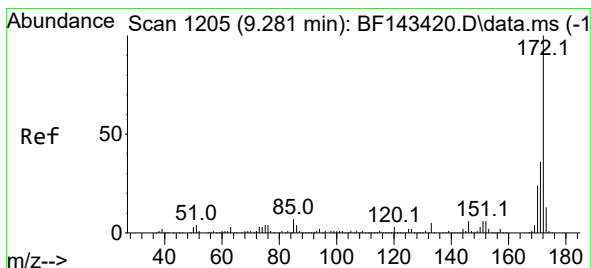
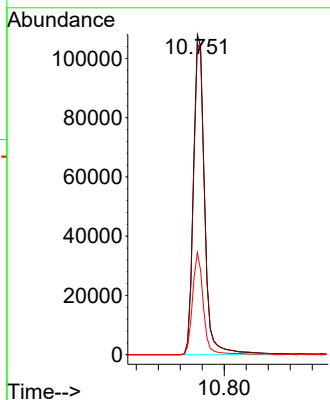
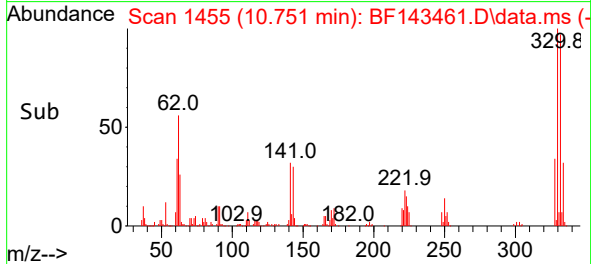


#42
2,4,6-Tribromophenol
Concen: 50.908 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF143461.D
Acq: 19 Aug 2025 17:27

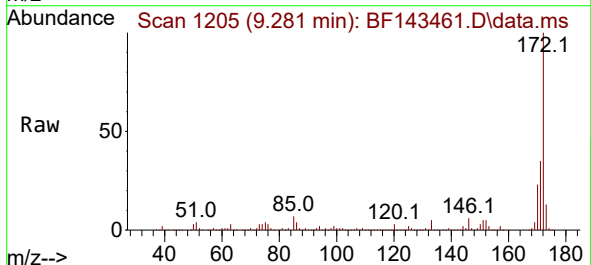
Instrument :
BNA_F
ClientSampleId :
BARRICADE



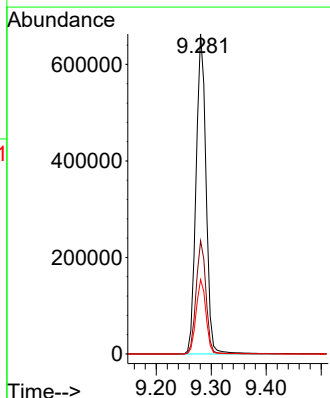
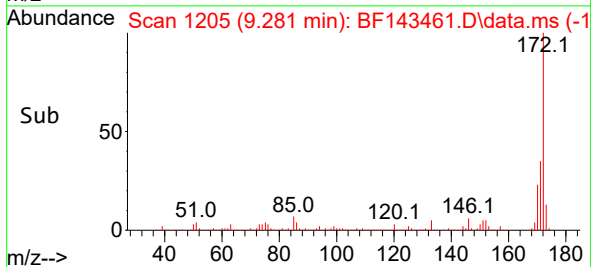
Tgt Ion:330 Resp: 152528
Ion Ratio Lower Upper
330 100
332 98.3 77.4 116.2
141 30.8 24.1 36.1

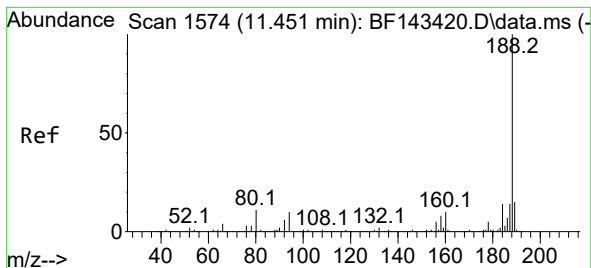


#45
2-Fluorobiphenyl
Concen: 41.911 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF143461.D
Acq: 19 Aug 2025 17:27



Tgt Ion:172 Resp: 838775
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 23.3 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143461.D

Acq: 19 Aug 2025 17:27

Instrument :

BNA_F

ClientSampleId :

BARRICADE

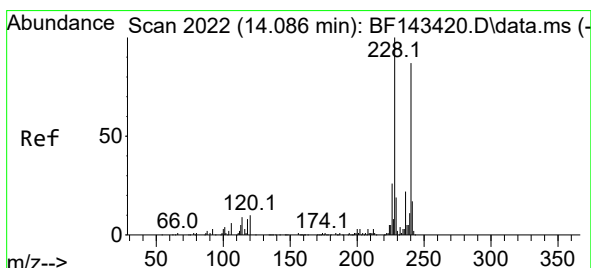
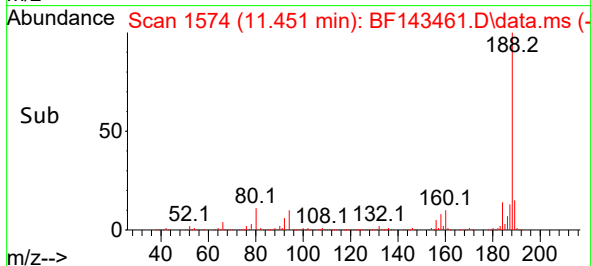
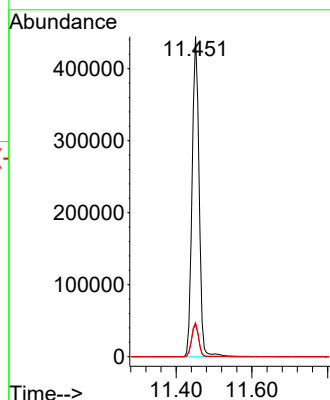
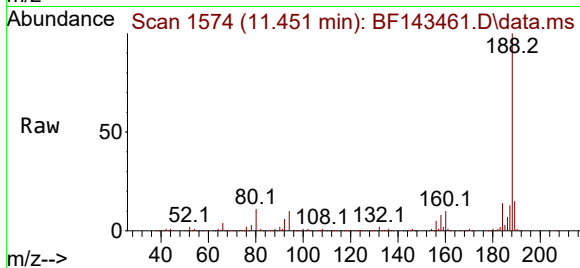
Tgt Ion:188 Resp: 570336

Ion Ratio Lower Upper

188 100

94 10.1 8.0 12.0

80 10.7 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF143461.D

Acq: 19 Aug 2025 17:27

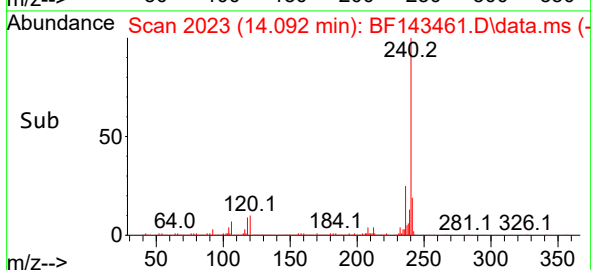
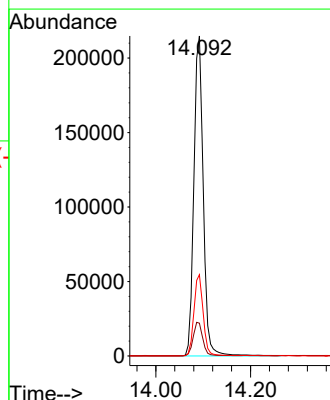
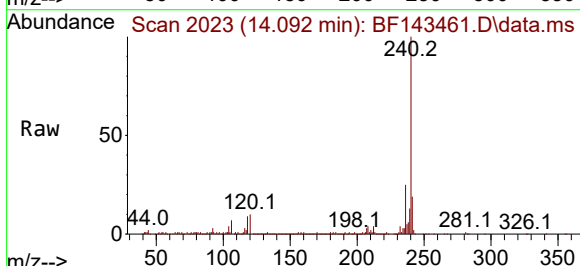
Tgt Ion:240 Resp: 296202

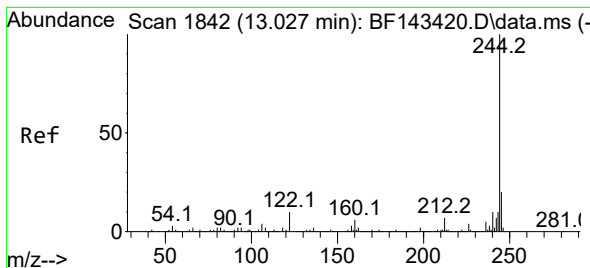
Ion Ratio Lower Upper

240 100

120 10.2 9.0 13.4

236 25.4 20.2 30.2





#79

Terphenyl-d14

Concen: 48.628 ng

RT: 13.027 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143461.D

Acq: 19 Aug 2025 17:27

Instrument :

BNA_F

ClientSampleId :

BARRICADE

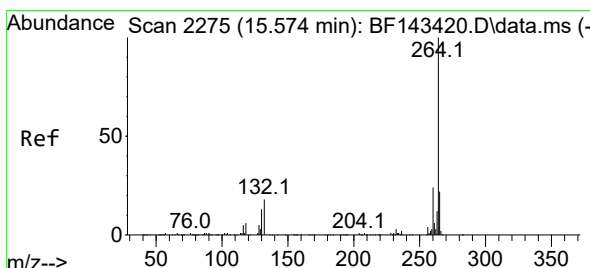
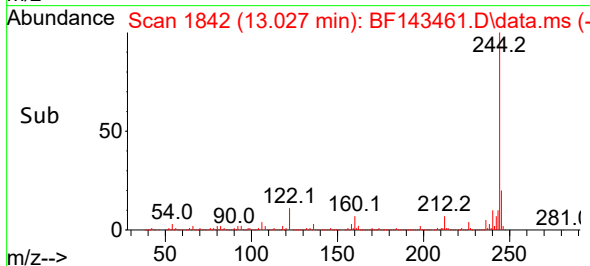
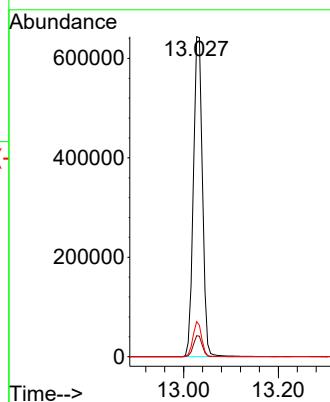
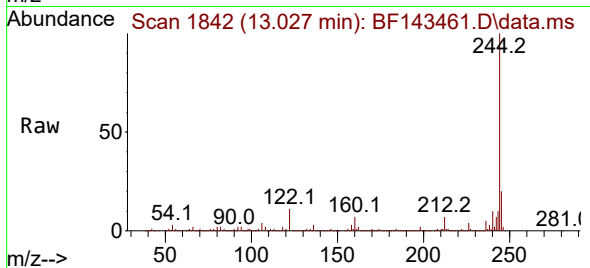
Tgt Ion:244 Resp: 857439

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 10.9 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.586 min Scan# 2277

Delta R.T. 0.012 min

Lab File: BF143461.D

Acq: 19 Aug 2025 17:27

Tgt Ion:264 Resp: 288812

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.7 17.4 26.0

