

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143393.D
 Acq On : 14 Aug 2025 20:56
 Operator : RC/JU
 Sample : Q2814-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-BP-W

Quant Time: Aug 15 01:34:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	145496	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	552631	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	297448	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	446811	20.000	ng	0.00
76) Chrysene-d12	14.098	240	248119	20.000	ng	0.00
86) Perylene-d12	15.592	264	287001	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	612169	72.758	ng	0.00
7) Phenol-d6	6.563	99	613561	56.866	ng	0.00
23) Nitrobenzene-d5	7.492	82	832224	93.780	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	333673	153.497	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1466529	83.607	ng	0.00
79) Terphenyl-d14	13.039	244	1350271	97.159	ng	0.00

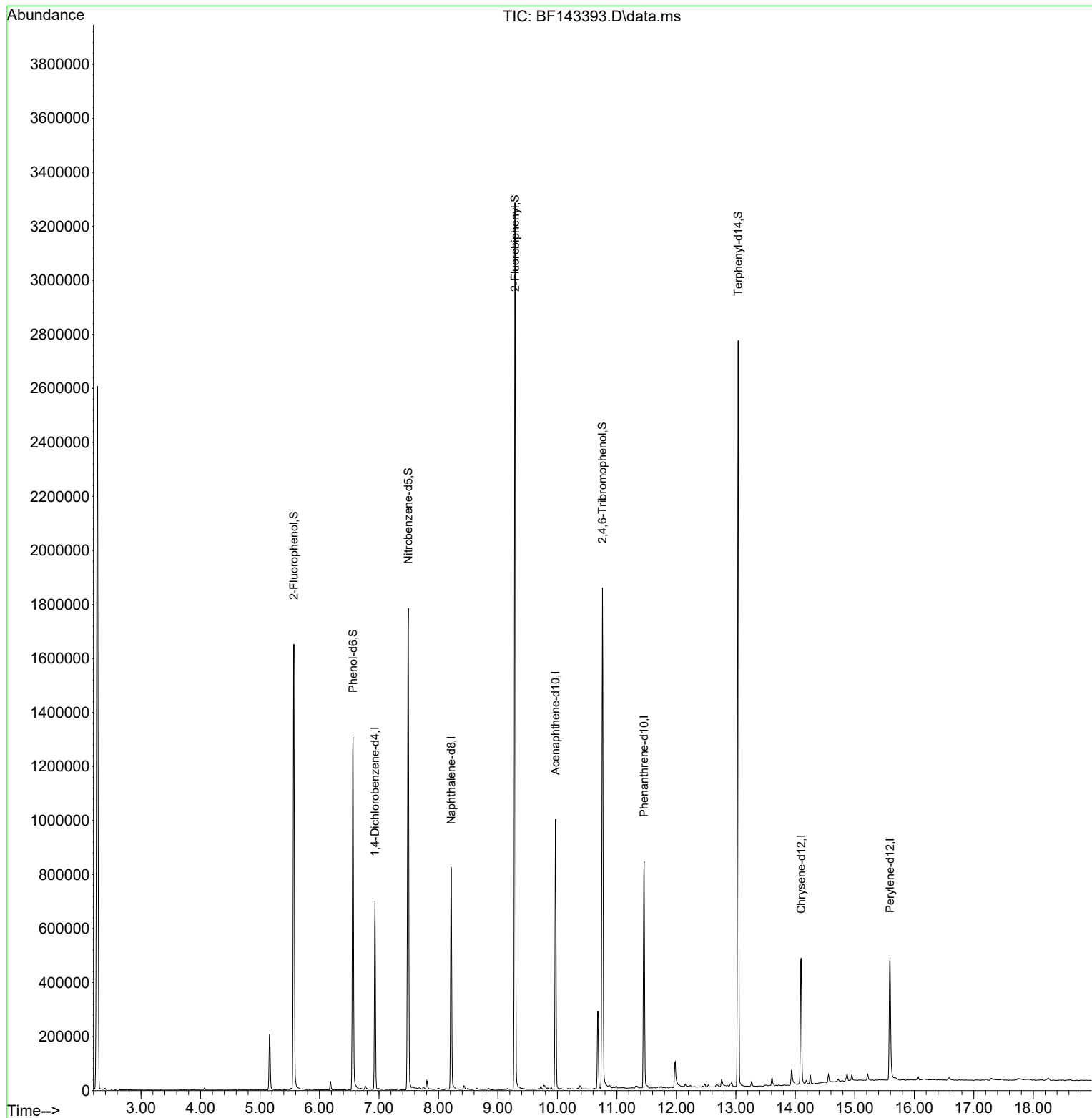
Target Compounds	Qvalue

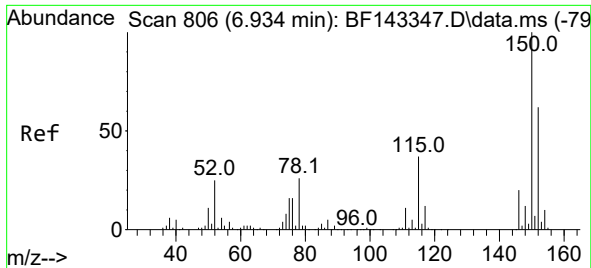
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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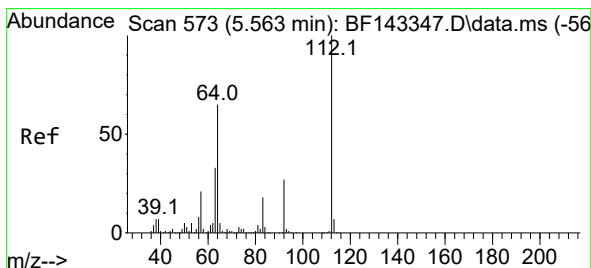
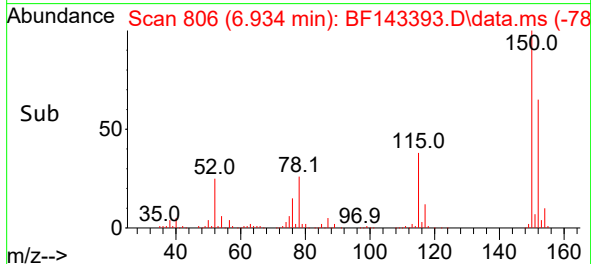
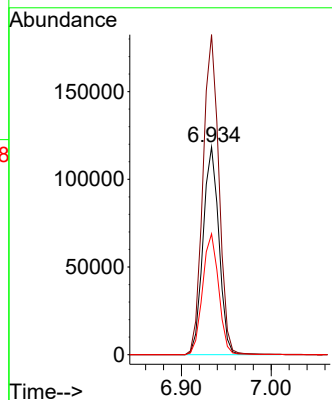
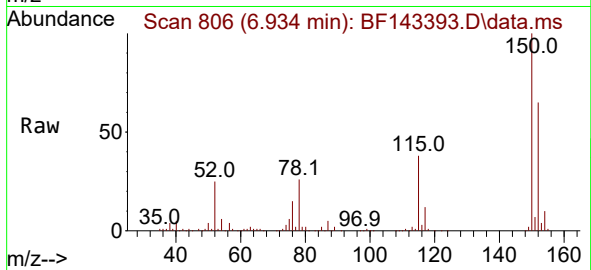




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF143393.D
Acq: 14 Aug 2025 20:56

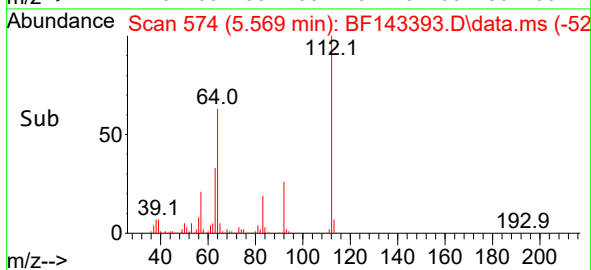
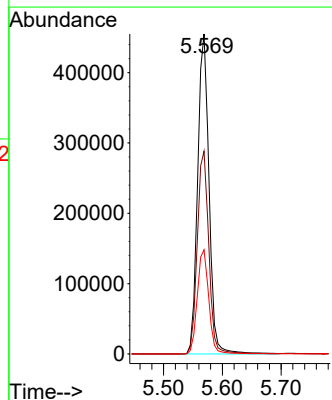
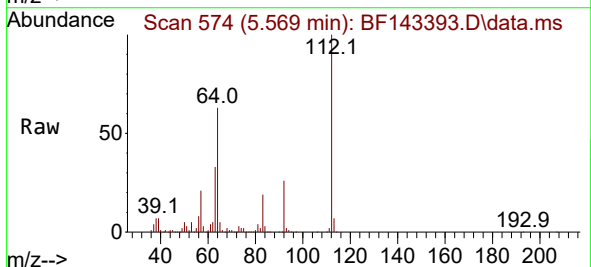
Instrument :
BNA_F
ClientSampleId :
TW-BP-W

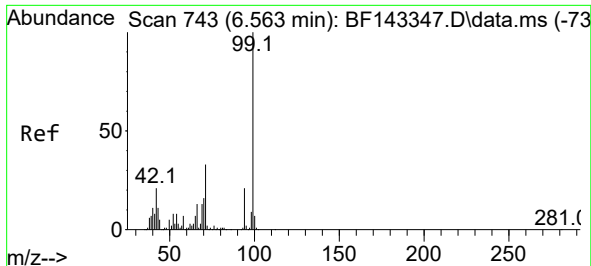
Tgt Ion:152 Resp: 145496
Ion Ratio Lower Upper
152 100
150 154.1 129.8 194.8
115 58.1 47.8 71.8



#5
2-Fluorophenol
Concen: 72.758 ng
RT: 5.569 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF143393.D
Acq: 14 Aug 2025 20:56

Tgt Ion:112 Resp: 612169
Ion Ratio Lower Upper
112 100
64 63.3 52.1 78.1
63 32.6 26.6 39.8

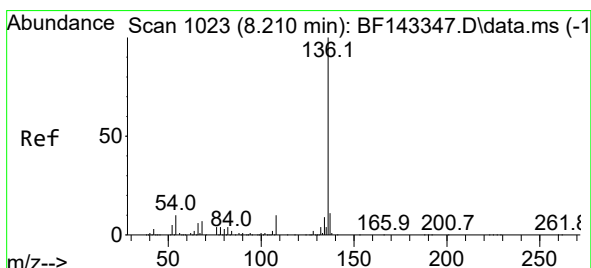
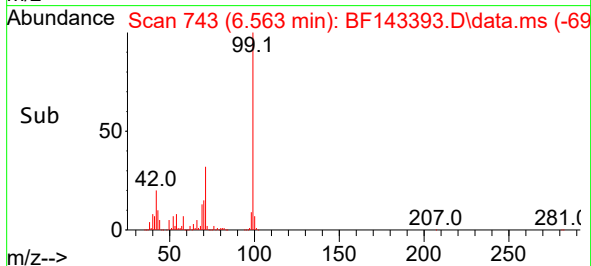
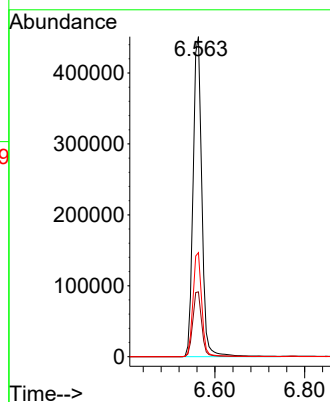
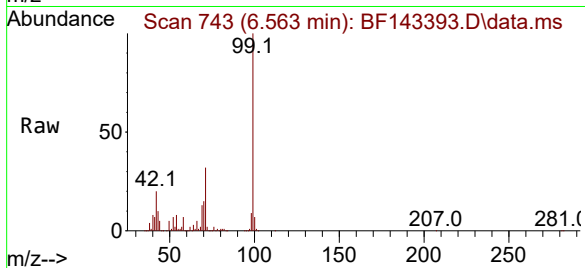




#7
Phenol-d6
Concen: 56.866 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF143393.D
Acq: 14 Aug 2025 20:56

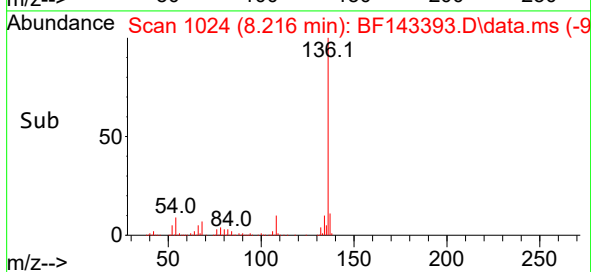
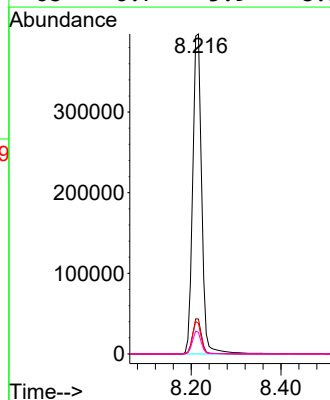
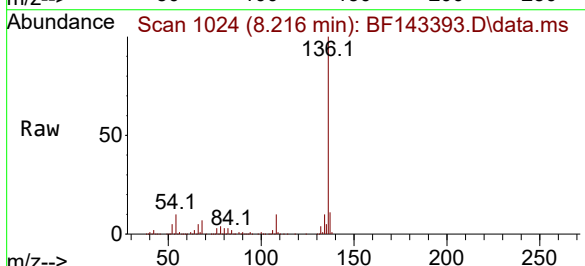
Instrument :
BNA_F
ClientSampleId :
TW-BP-W

Tgt Ion: 99 Resp: 613561
Ion Ratio Lower Upper
99 100
42 20.2 16.6 25.0
71 32.5 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF143393.D
Acq: 14 Aug 2025 20:56

Tgt Ion: 136 Resp: 552631
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.6 8.4 12.6
68 6.7 5.9 8.9





#23

Nitrobenzene-d5

Concen: 93.780 ng

RT: 7.492 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF143393.D

Acq: 14 Aug 2025 20:56

Instrument :

BNA_F

ClientSampleId :

TW-BP-W

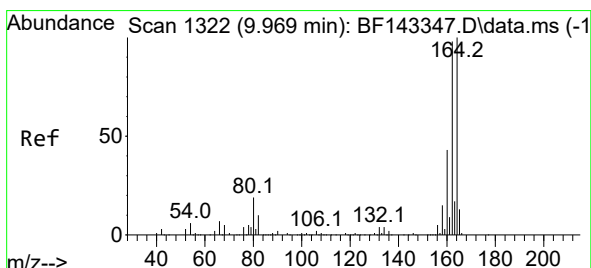
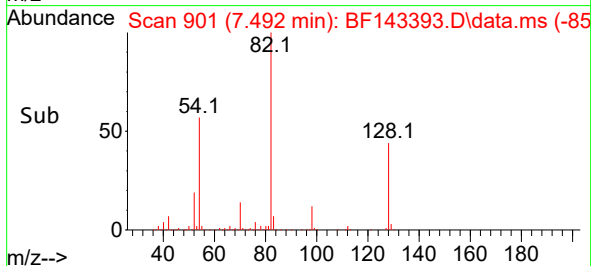
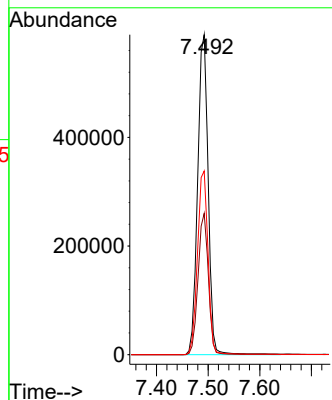
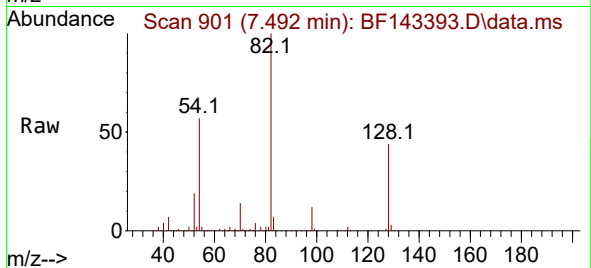
Tgt Ion: 82 Resp: 832224

Ion Ratio Lower Upper

82 100

128 44.2 33.5 50.3

54 57.4 46.7 70.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF143393.D

Acq: 14 Aug 2025 20:56

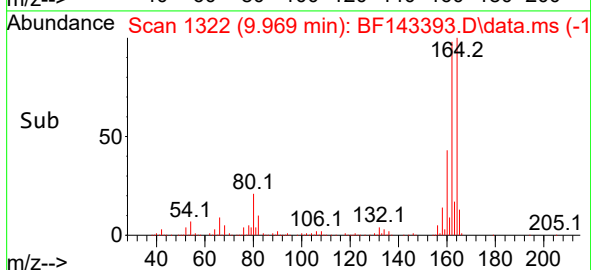
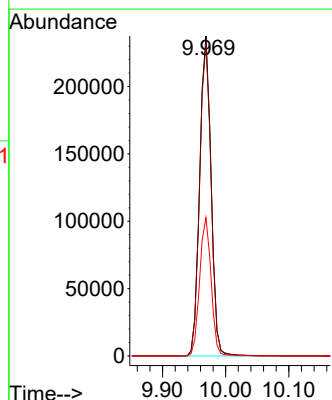
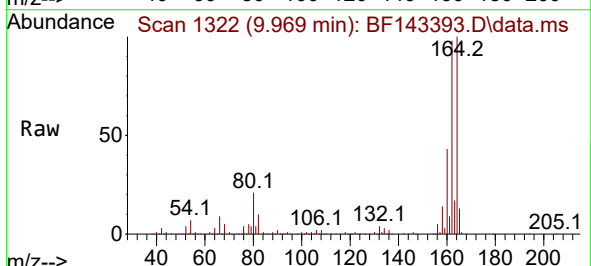
Tgt Ion:164 Resp: 297448

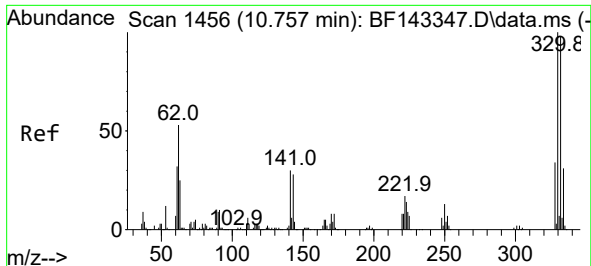
Ion Ratio Lower Upper

164 100

162 98.0 78.6 118.0

160 43.2 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 153.497 ng

RT: 10.757 min Scan# 1456

Delta R.T. -0.000 min

Lab File: BF143393.D

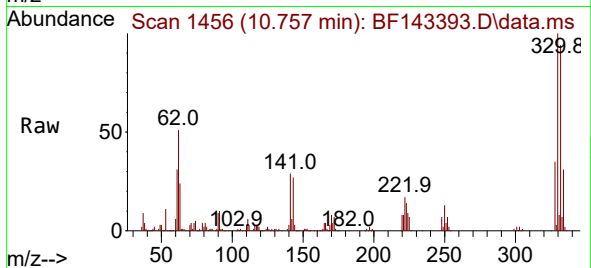
Acq: 14 Aug 2025 20:56

Instrument :

BNA_F

ClientSampleId :

TW-BP-W



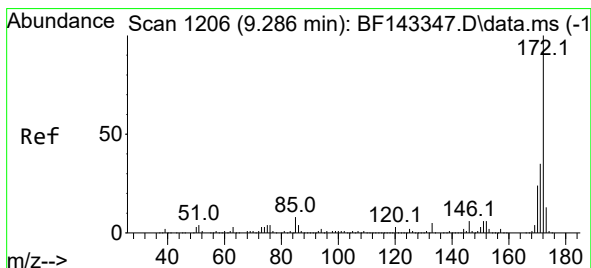
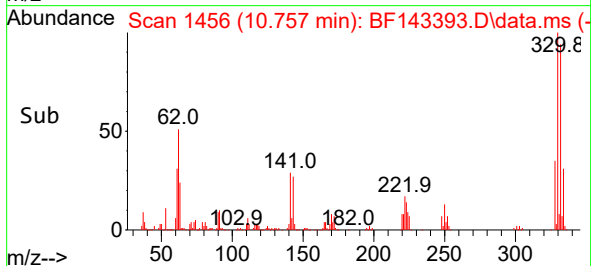
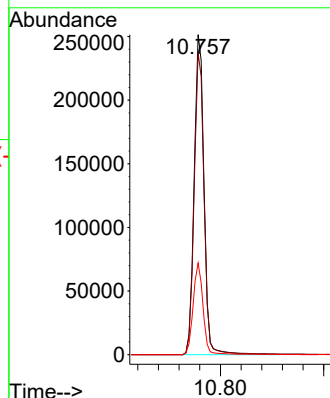
Tgt Ion:330 Resp: 333673

Ion Ratio Lower Upper

330 100

332 94.6 78.1 117.1

141 29.0 25.4 38.0



#45

2-Fluorobiphenyl

Concen: 83.607 ng

RT: 9.286 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF143393.D

Acq: 14 Aug 2025 20:56

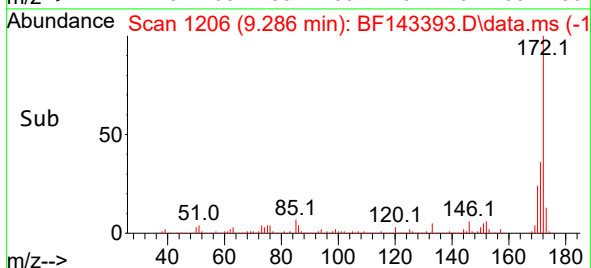
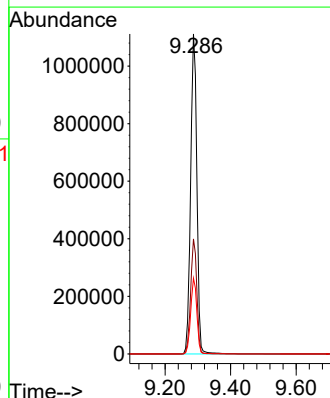
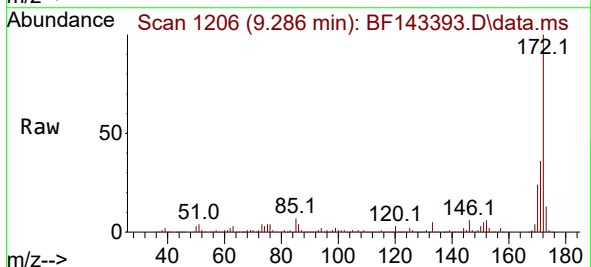
Tgt Ion:172 Resp: 1466529

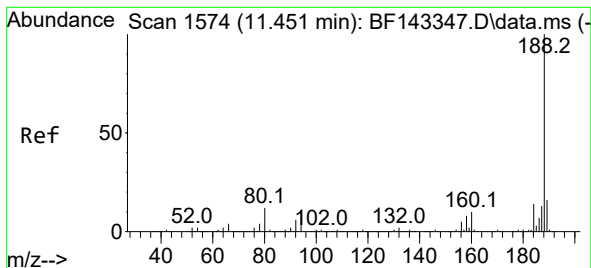
Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 23.6 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143393.D

Acq: 14 Aug 2025 20:56

Instrument :

BNA_F

ClientSampleId :

TW-BP-W

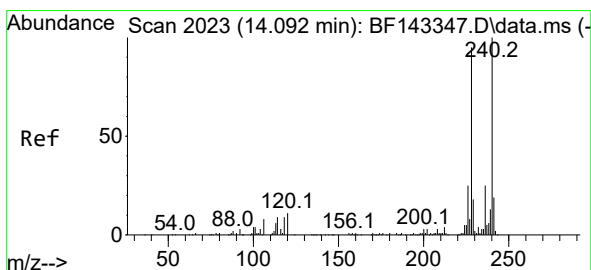
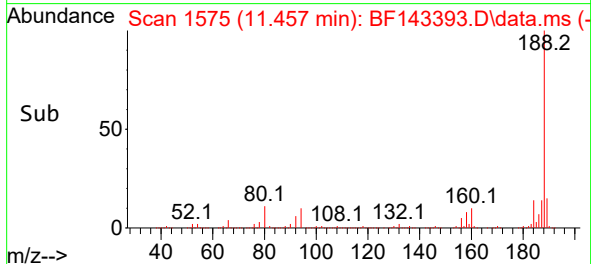
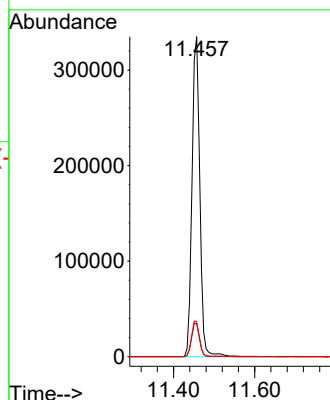
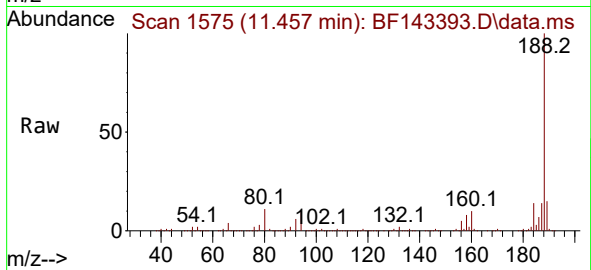
Tgt Ion:188 Resp: 446811

Ion Ratio Lower Upper

188 100

94 10.3 8.8 13.2

80 11.0 9.7 14.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2024

Delta R.T. 0.006 min

Lab File: BF143393.D

Acq: 14 Aug 2025 20:56

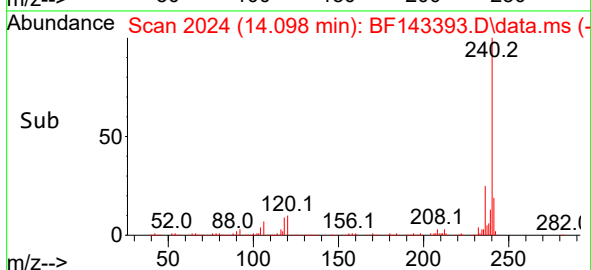
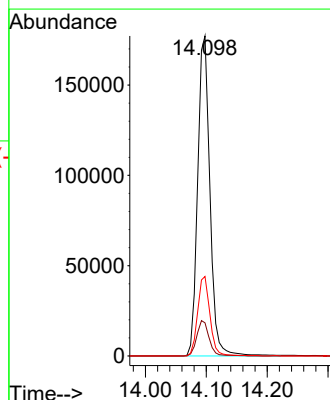
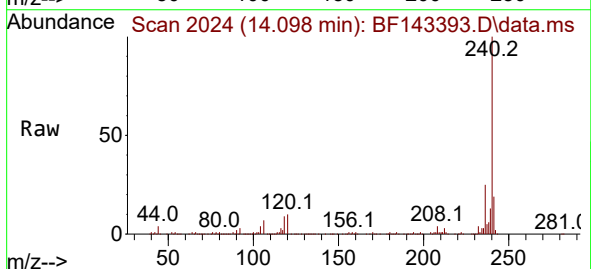
Tgt Ion:240 Resp: 248119

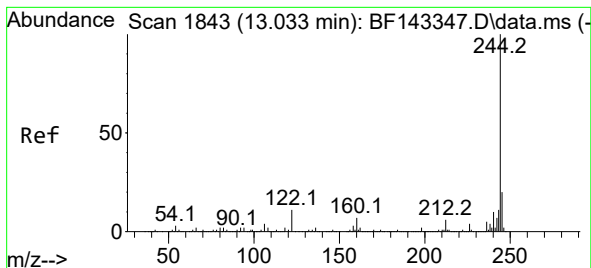
Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.6

236 24.9 19.9 29.9





#79

Terphenyl-d14

Concen: 97.159 ng

RT: 13.039 min Scan# 1843

Delta R.T. 0.006 min

Lab File: BF143393.D

Acq: 14 Aug 2025 20:56

Instrument :

BNA_F

ClientSampleId :

TW-BP-W

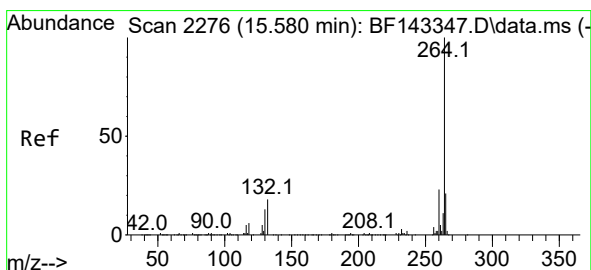
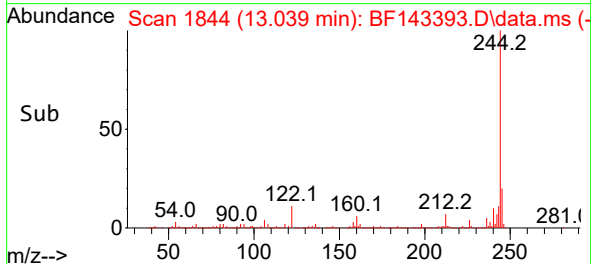
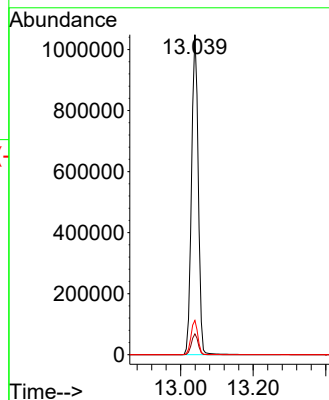
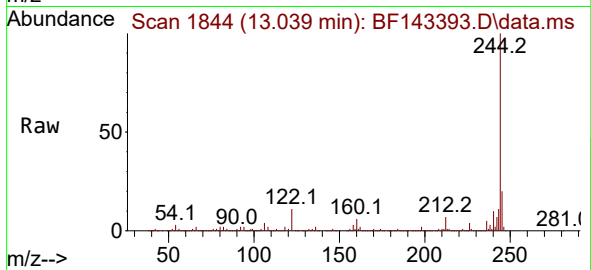
Tgt Ion:244 Resp: 1350271

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 10.7 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 2278

Delta R.T. 0.012 min

Lab File: BF143393.D

Acq: 14 Aug 2025 20:56

Tgt Ion:264 Resp: 287001

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.1 17.2 25.8

