

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143380.D
 Acq On : 14 Aug 2025 14:25
 Operator : RC/JU
 Sample : Q2814-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-17M-N

Quant Time: Aug 14 14:45:24 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	147922	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	579548	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	306866	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	472081	20.000	ng	0.00
76) Chrysene-d12	14.098	240	277273	20.000	ng	0.00
86) Perylene-d12	15.592	264	296651	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	521391	60.952	ng	0.00
7) Phenol-d6	6.557	99	467483	42.617	ng	0.00
23) Nitrobenzene-d5	7.492	82	981585	105.473	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	330009	147.152	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1671589	92.373	ng	0.00
79) Terphenyl-d14	13.039	244	1535219	98.851	ng	0.00

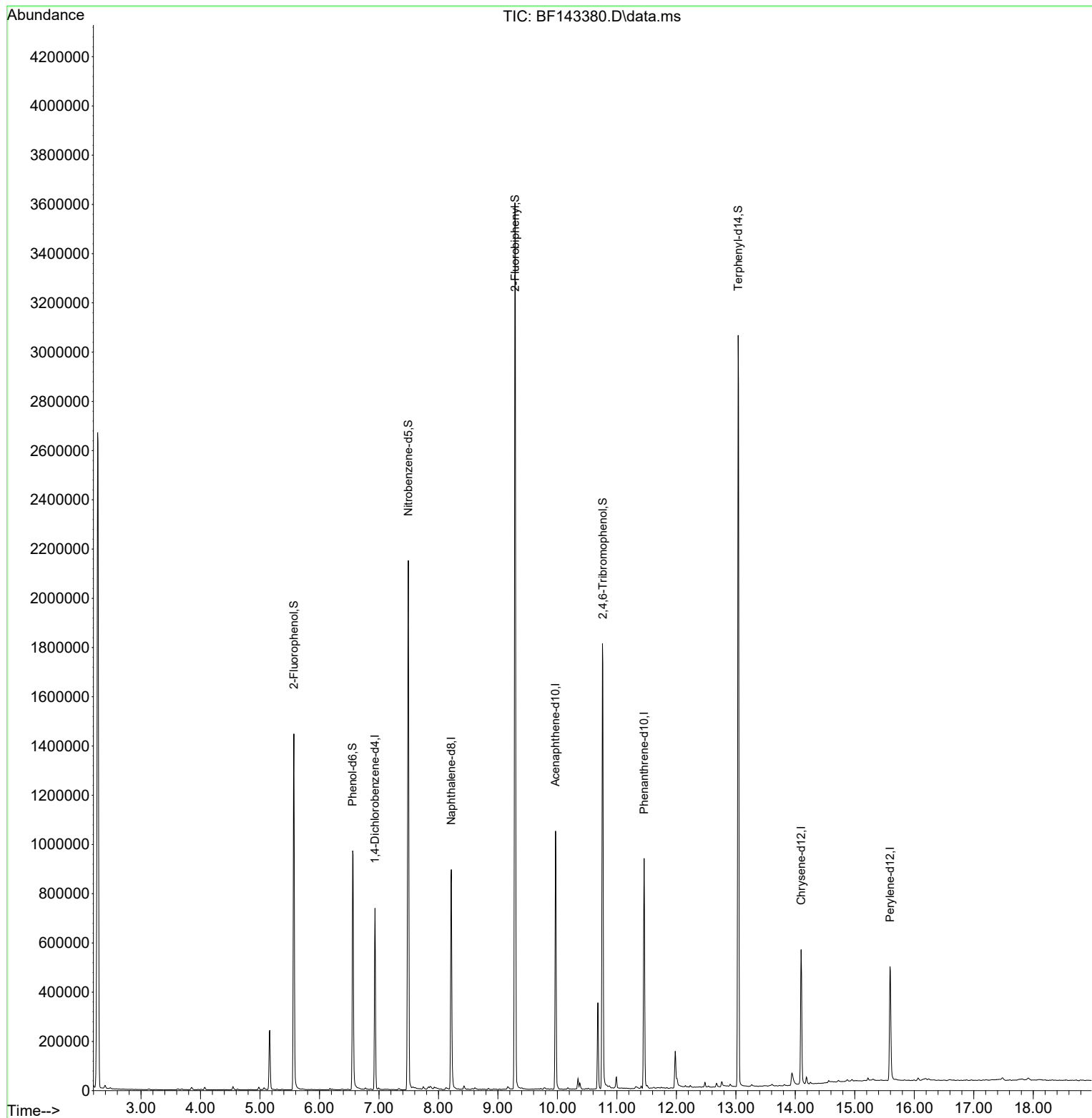
Target Compounds	Qvalue

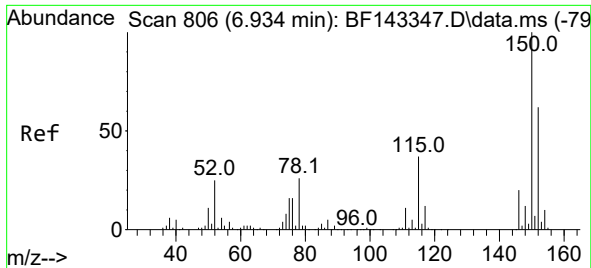
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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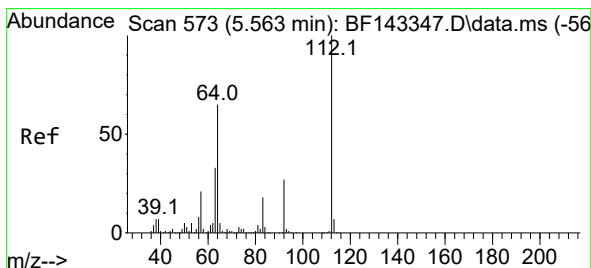
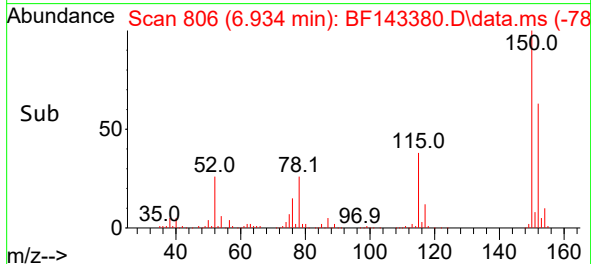
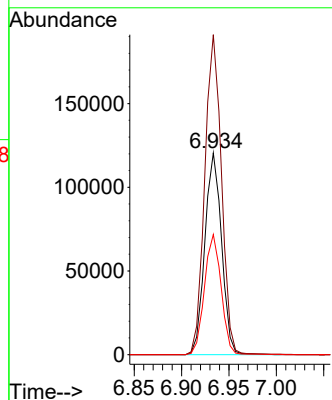
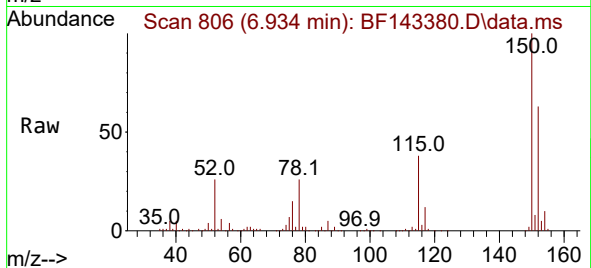




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.934 min Scan# 806
 Delta R.T. -0.000 min
 Lab File: BF143380.D
 Acq: 14 Aug 2025 14:25

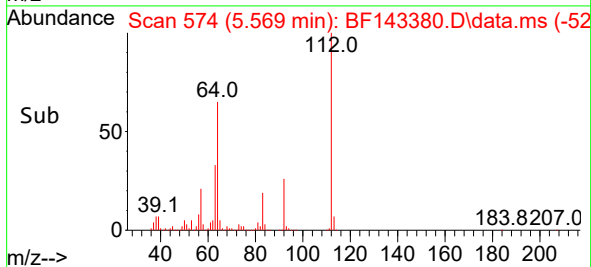
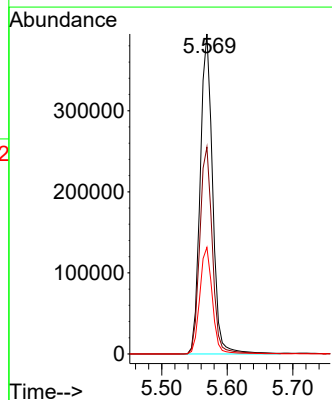
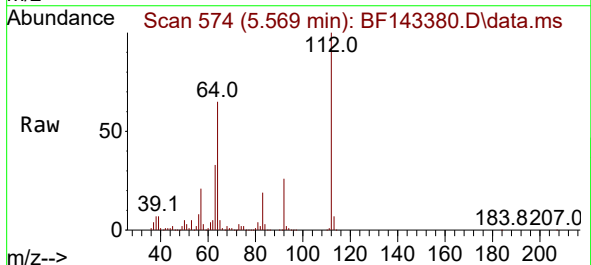
Instrument :
 BNA_F
 ClientSampleId :
 TW-17M-N

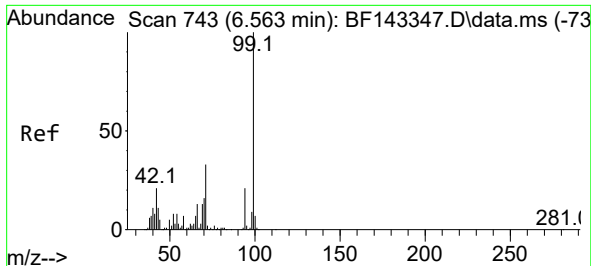
Tgt Ion:152 Resp: 147922
 Ion Ratio Lower Upper
 152 100
 150 158.6 129.8 194.8
 115 59.6 47.8 71.8



#5
 2-Fluorophenol
 Concen: 60.952 ng
 RT: 5.569 min Scan# 574
 Delta R.T. 0.006 min
 Lab File: BF143380.D
 Acq: 14 Aug 2025 14:25

Tgt Ion:112 Resp: 521391
 Ion Ratio Lower Upper
 112 100
 64 64.7 52.1 78.1
 63 33.3 26.6 39.8

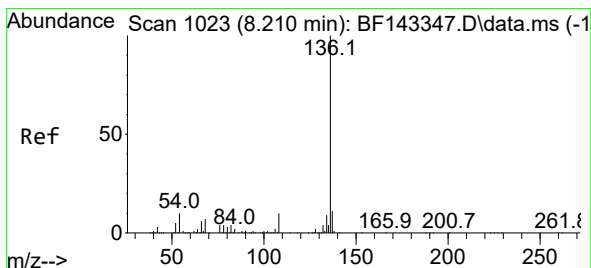
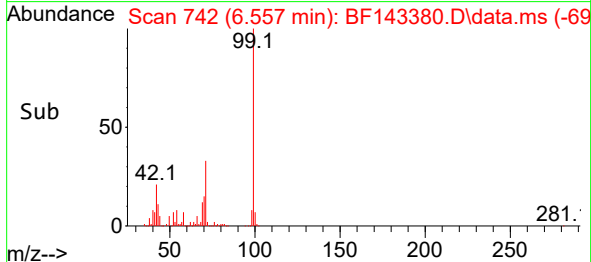
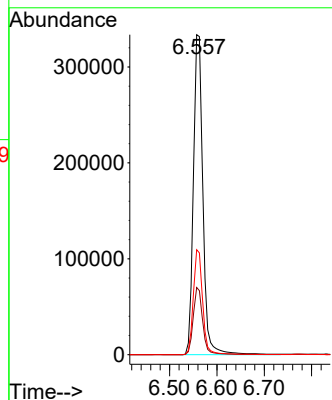
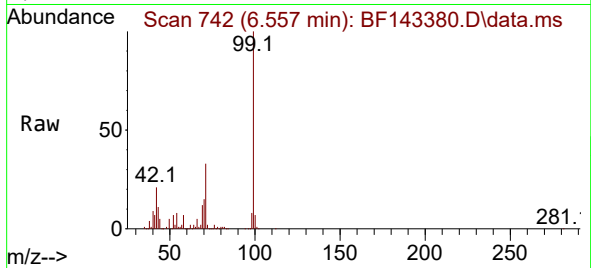




#7
Phenol-d6
Concen: 42.617 ng
RT: 6.557 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143380.D
Acq: 14 Aug 2025 14:25

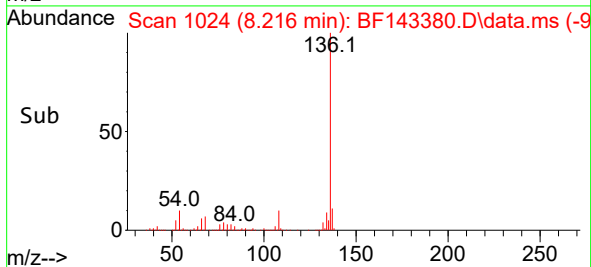
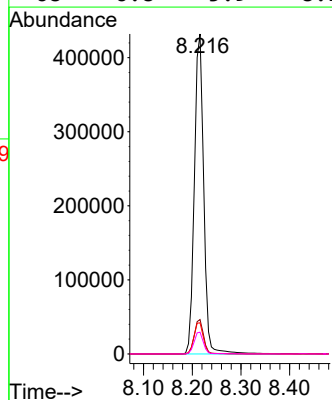
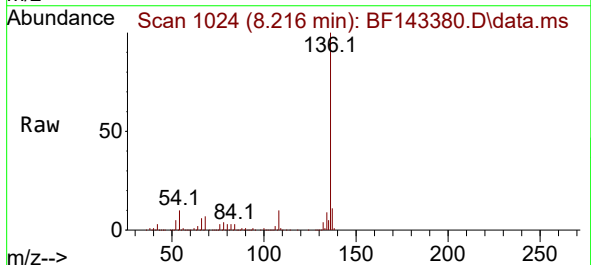
Instrument :
BNA_F
ClientSampleId :
TW-17M-N

Tgt Ion: 99 Resp: 467483
Ion Ratio Lower Upper
99 100
42 21.0 16.6 25.0
71 32.8 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: BF143380.D
Acq: 14 Aug 2025 14:25

Tgt Ion: 136 Resp: 579548
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.7 8.4 12.6
68 6.8 5.9 8.9





#23

Nitrobenzene-d5

Concen: 105.473 ng

RT: 7.492 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF143380.D

Acq: 14 Aug 2025 14:25

Instrument :

BNA_F

ClientSampleId :

TW-17M-N

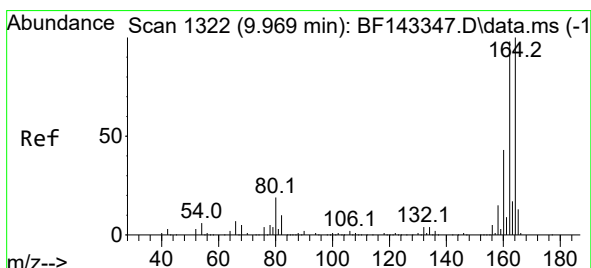
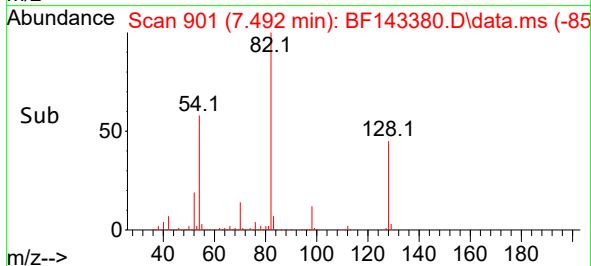
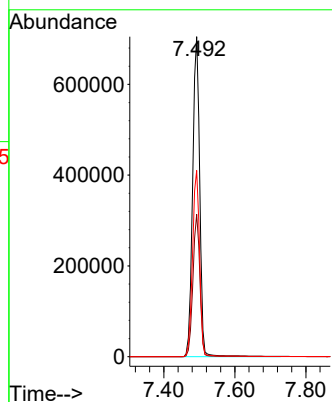
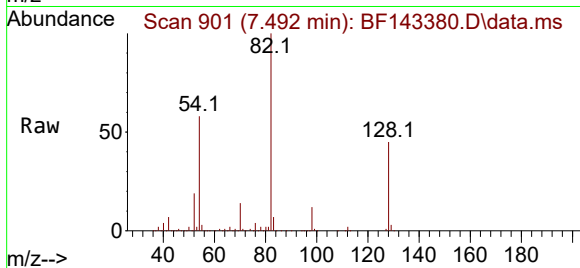
Tgt Ion: 82 Resp: 981585

Ion Ratio Lower Upper

82 100

128 44.5 33.5 50.3

54 58.2 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: BF143380.D

Acq: 14 Aug 2025 14:25

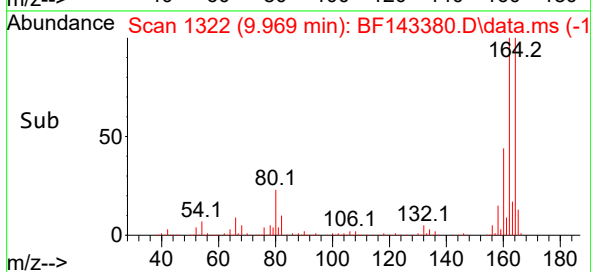
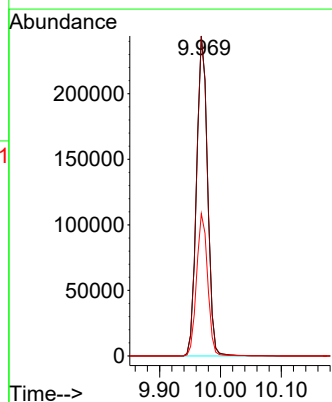
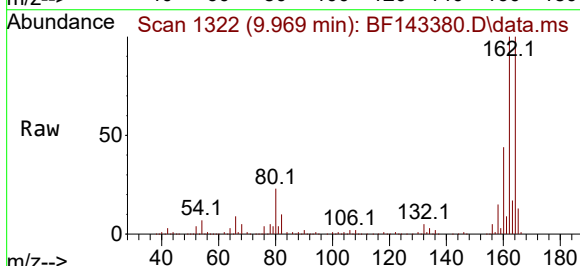
Tgt Ion: 164 Resp: 306866

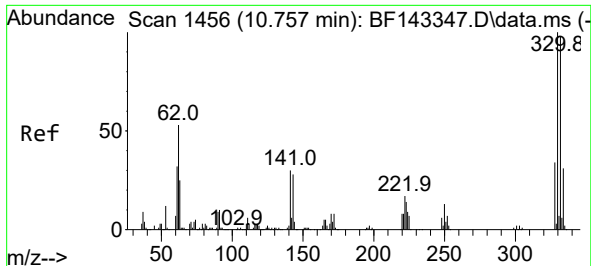
Ion Ratio Lower Upper

164 100

162 99.9 78.6 118.0

160 44.5 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 147.152 ng

RT: 10.763 min Scan# 1456

Delta R.T. 0.006 min

Lab File: BF143380.D

Acq: 14 Aug 2025 14:25

Instrument :

BNA_F

ClientSampleId :

TW-17M-N

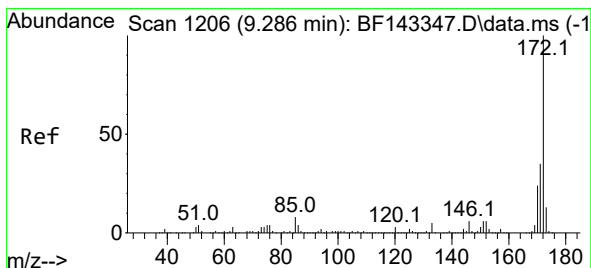
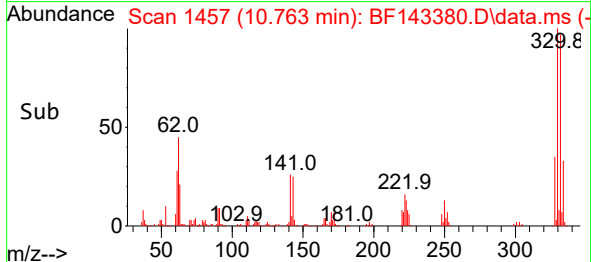
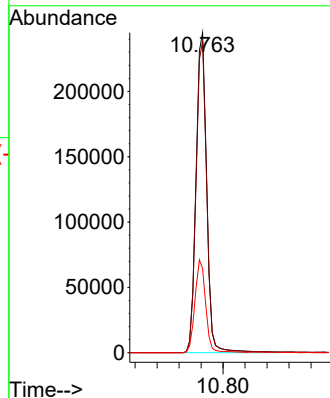
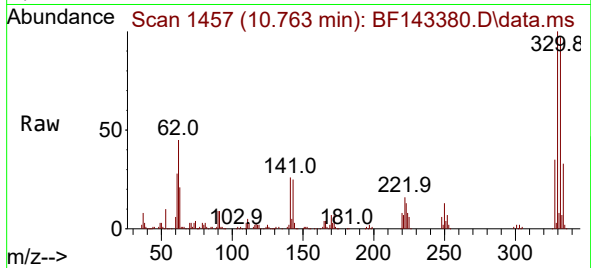
Tgt Ion:330 Resp: 330009

Ion Ratio Lower Upper

330 100

332 97.2 78.1 117.1

141 29.2 25.4 38.0



#45

2-Fluorobiphenyl

Concen: 92.373 ng

RT: 9.286 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF143380.D

Acq: 14 Aug 2025 14:25

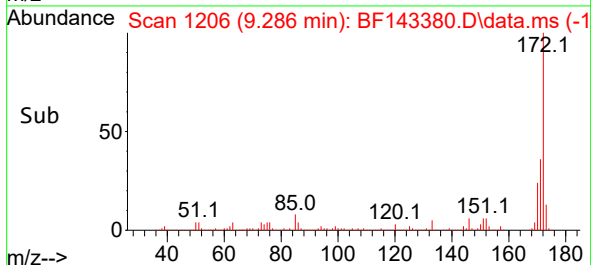
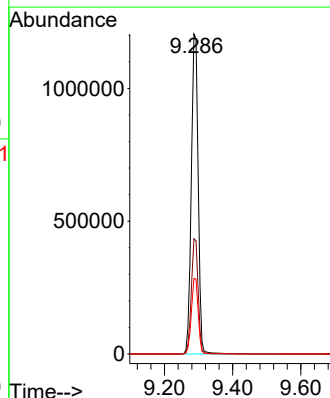
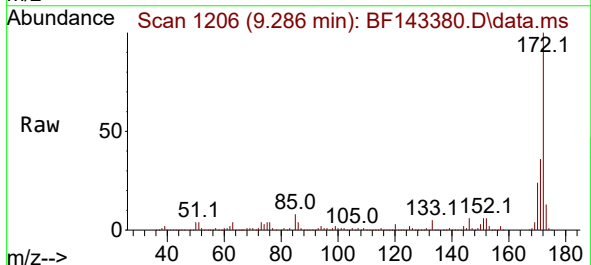
Tgt Ion:172 Resp: 1671589

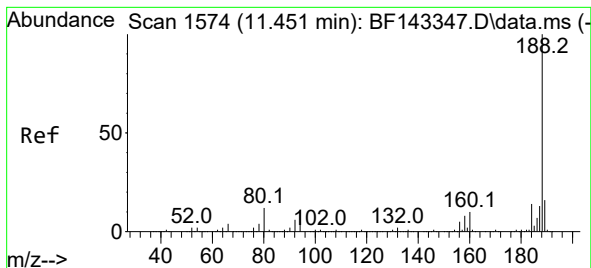
Ion Ratio Lower Upper

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# 11

Delta R.T. 0.006 min

Lab File: BF143380.D

Acq: 14 Aug 2025 14:25

Instrument :

BNA_F

ClientSampleId :

TW-17M-N

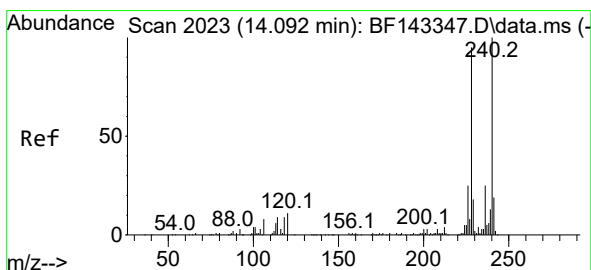
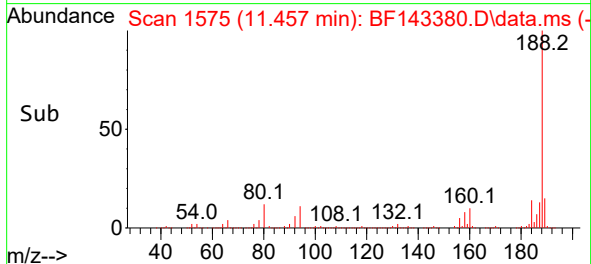
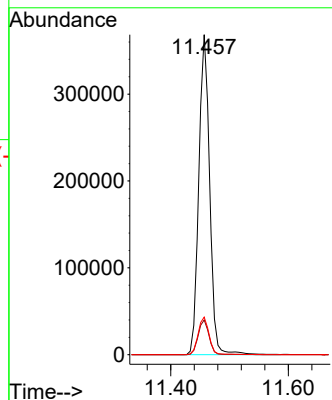
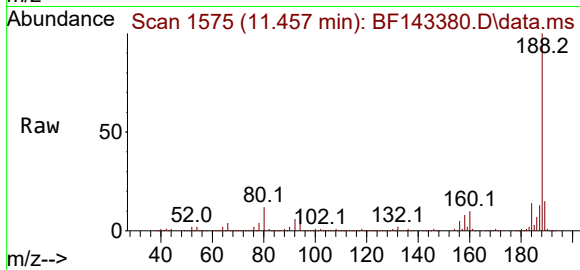
Tgt Ion:188 Resp: 472081

Ion Ratio Lower Upper

188 100

94 10.8 8.8 13.2

80 11.7 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: BF143380.D

Acq: 14 Aug 2025 14:25

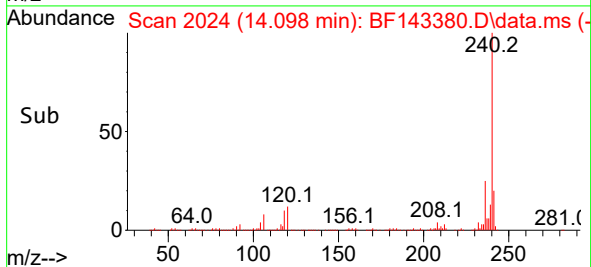
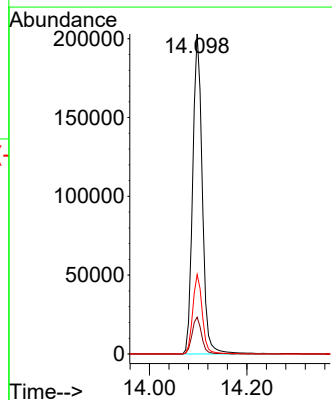
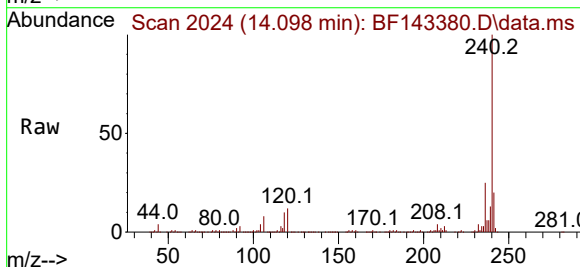
Tgt Ion:240 Resp: 277273

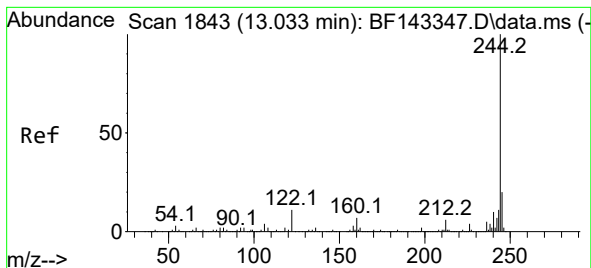
Ion Ratio Lower Upper

240 100

120 11.5 9.0 13.6

236 24.8 19.9 29.9





#79

Terphenyl-d14

Concen: 98.851 ng

RT: 13.039 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143380.D

Acq: 14 Aug 2025 14:25

Instrument :

BNA_F

ClientSampleId :

TW-17M-N

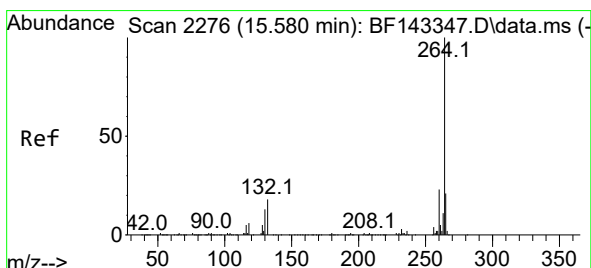
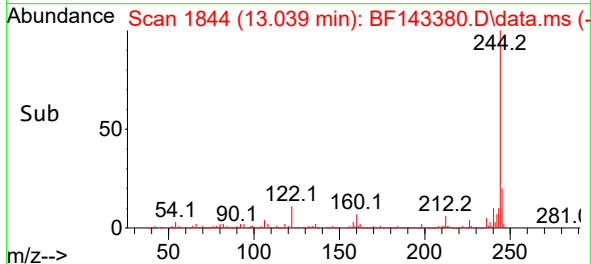
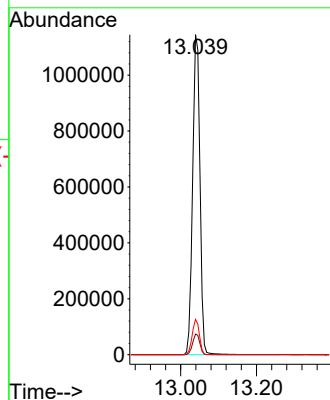
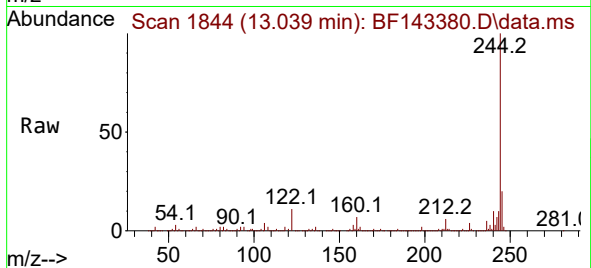
Tgt Ion:244 Resp: 1535219

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 11.1 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: BF143380.D

Acq: 14 Aug 2025 14:25

Tgt Ion:264 Resp: 296651

Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 21.5 17.2 25.8

