

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143491.D
 Acq On : 20 Aug 2025 18:12
 Operator : RC/JU
 Sample : Q2892-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3-FLOOR-SOUTH-E

Quant Time: Aug 21 02:04:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 20 15:07:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	134638	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	510532	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	279776	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	430250	20.000	ng	0.00
76) Chrysene-d12	14.098	240	247496	20.000	ng	0.00
86) Perylene-d12	15.592	264	250398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	630643	81.790	ng	0.00
7) Phenol-d6	6.557	99	808762	84.970	ng	-0.02
23) Nitrobenzene-d5	7.481	82	512428	58.572	ng	-0.02
42) 2,4,6-Tribromophenol	10.757	330	217081	83.355	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1000601	59.107	ng	0.00
79) Terphenyl-d14	13.033	244	923783	65.134	ng	0.00

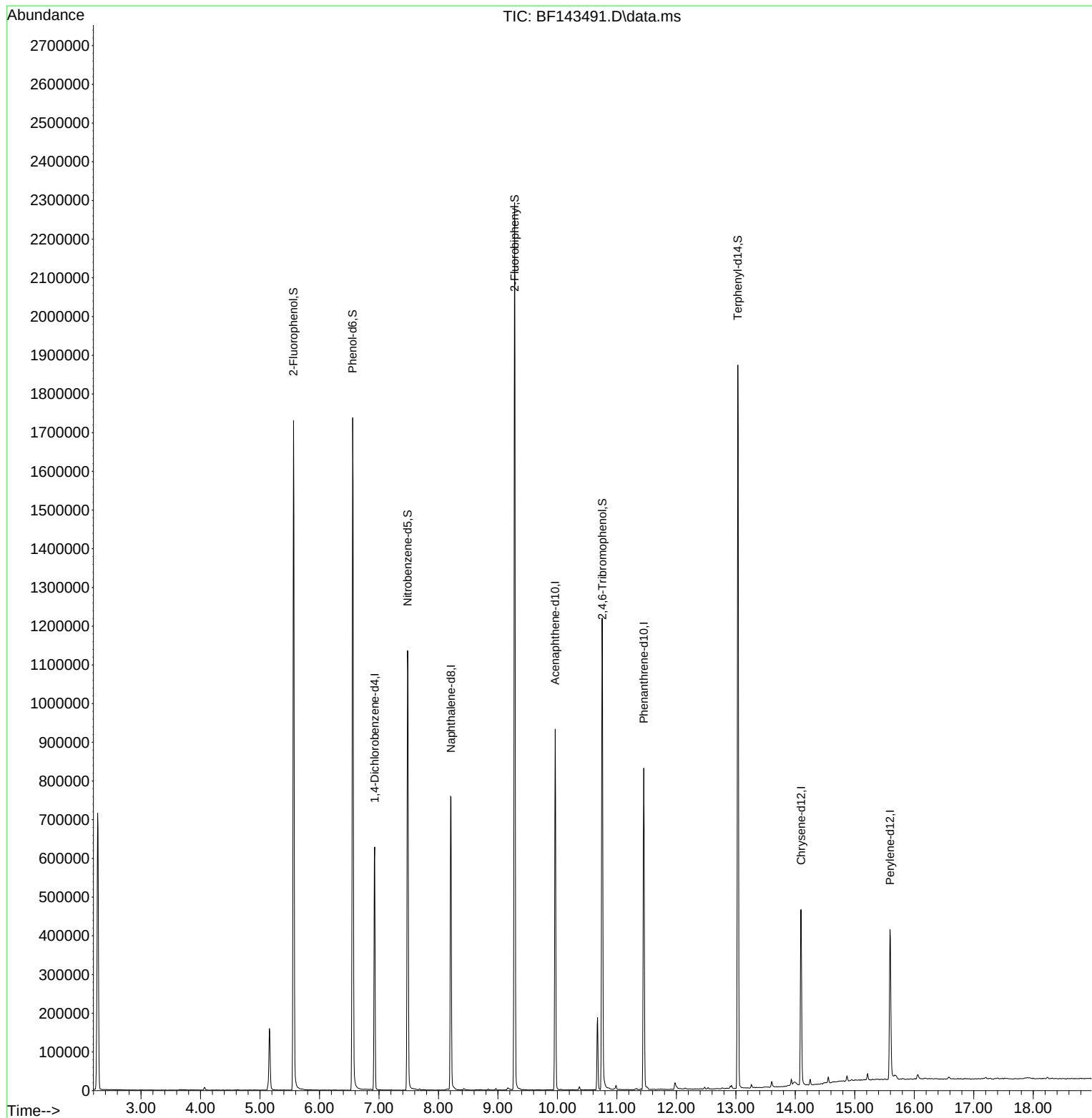
Target Compounds	Qvalue

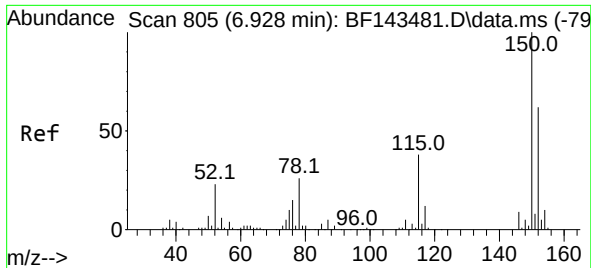
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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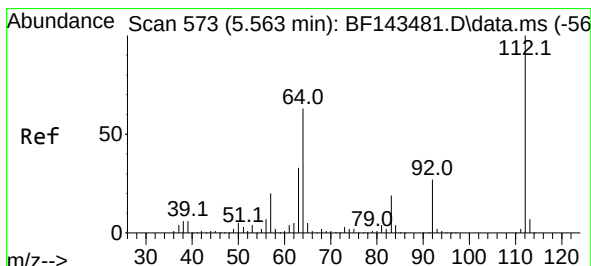
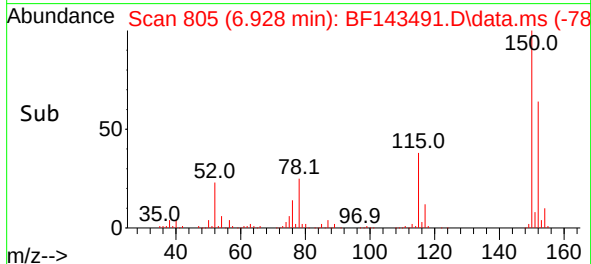
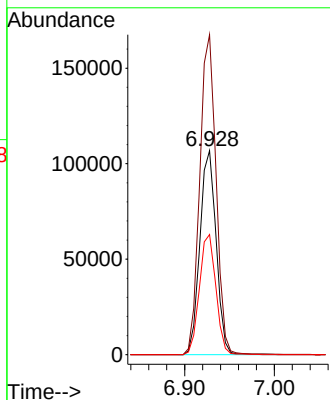
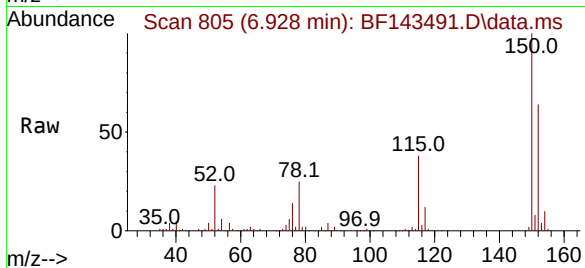




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF143491.D
 Acq: 20 Aug 2025 18:12

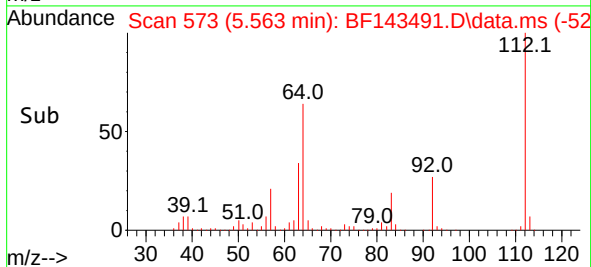
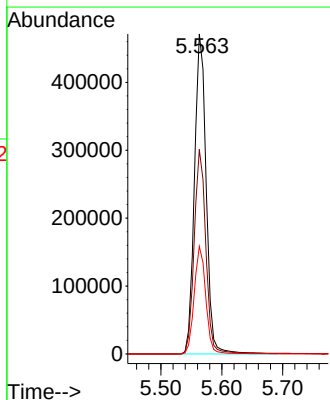
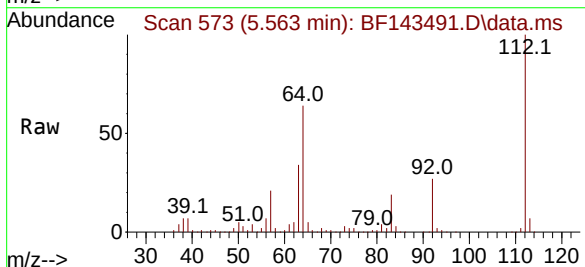
Instrument :
 BNA_F
 ClientSampleId :
 3-FLOOR-SOUTH-E

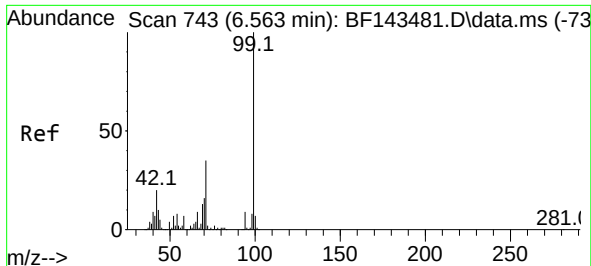
Tgt Ion:152 Resp: 134638
 Ion Ratio Lower Upper
 152 100
 150 156.8 128.9 193.3
 115 58.9 49.2 73.8



#5
 2-Fluorophenol
 Concen: 81.790 ng
 RT: 5.563 min Scan# 573
 Delta R.T. -0.000 min
 Lab File: BF143491.D
 Acq: 20 Aug 2025 18:12

Tgt Ion:112 Resp: 630643
 Ion Ratio Lower Upper
 112 100
 64 63.9 50.4 75.6
 63 33.6 26.4 39.6

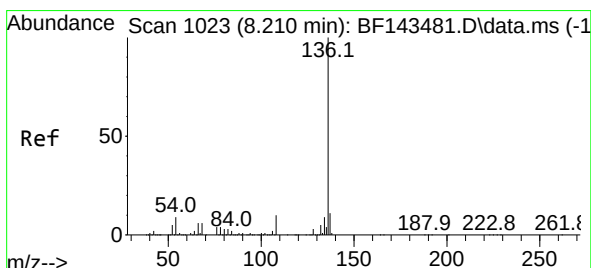
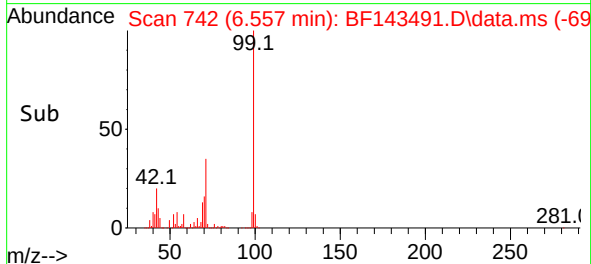
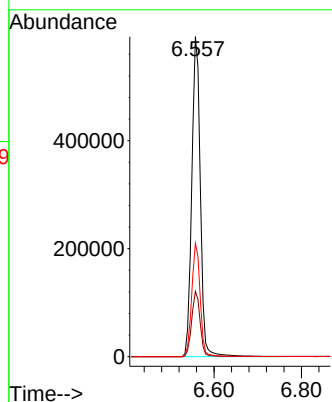
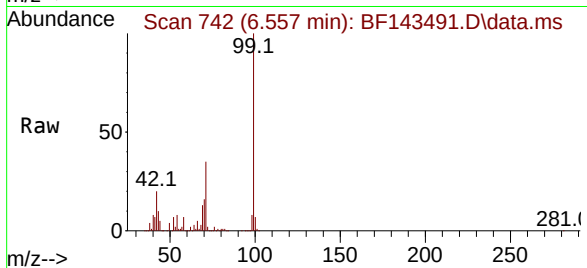




#7
Phenol-d6
Concen: 84.970 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF143491.D
Acq: 20 Aug 2025 18:12

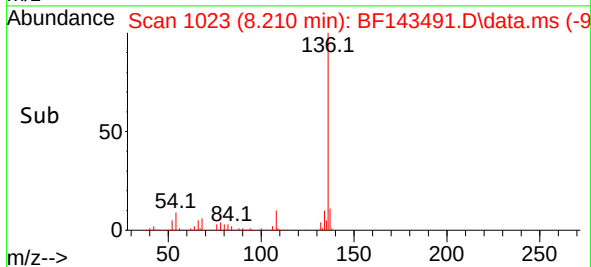
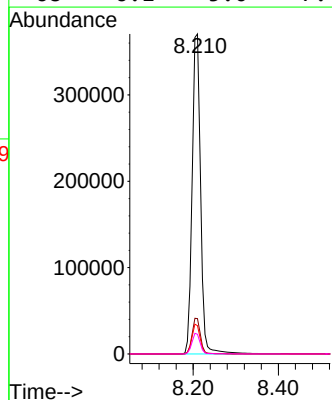
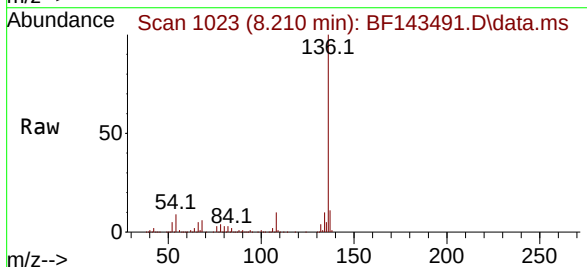
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-E

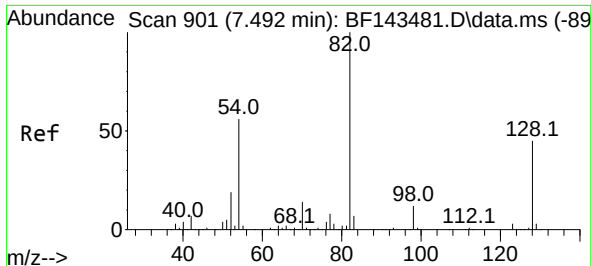
Tgt Ion: 99 Resp: 808762
Ion Ratio Lower Upper
99 100
42 20.4 16.3 24.5
71 35.5 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143491.D
Acq: 20 Aug 2025 18:12

Tgt Ion: 136 Resp: 510532
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.9 7.4 11.2
68 6.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 58.572 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.018 min

Lab File: BF143491.D

Acq: 20 Aug 2025 18:12

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-E

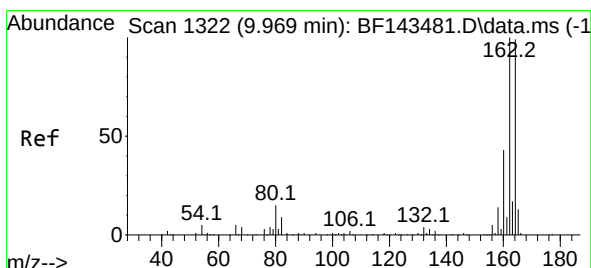
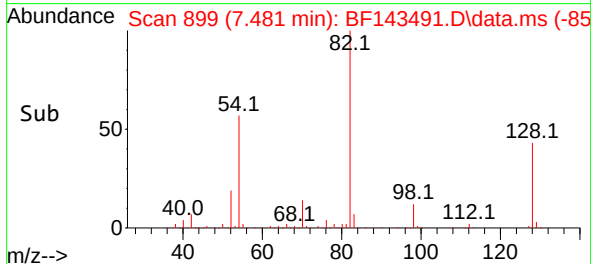
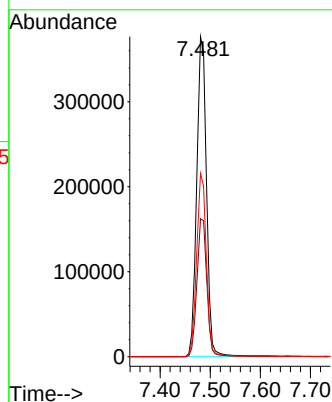
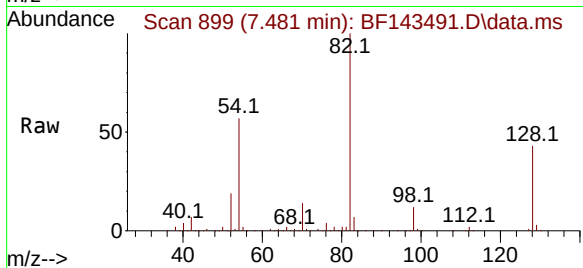
Tgt Ion: 82 Resp: 512428

Ion Ratio Lower Upper

82 100

128 43.1 35.5 53.3

54 57.2 44.3 66.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF143491.D

Acq: 20 Aug 2025 18:12

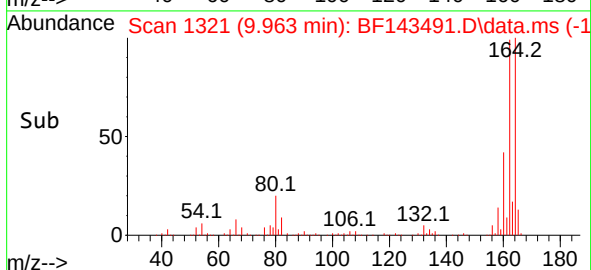
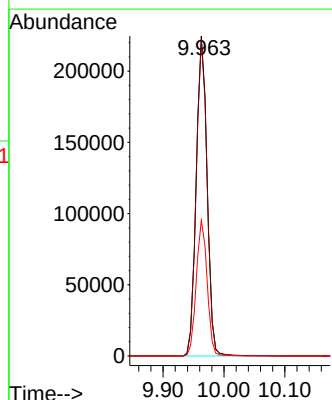
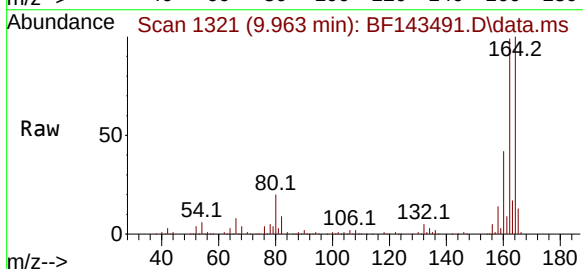
Tgt Ion:164 Resp: 279776

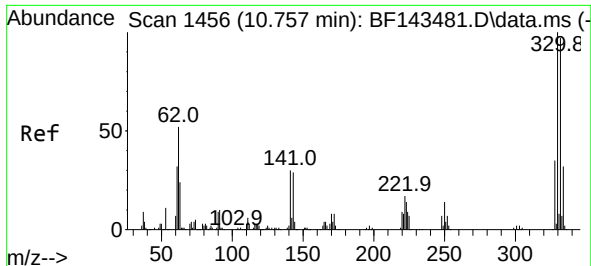
Ion Ratio Lower Upper

164 100

162 98.8 80.5 120.7

160 42.3 34.3 51.5





#42

2,4,6-Tribromophenol

Concen: 83.355 ng

RT: 10.757 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF143491.D

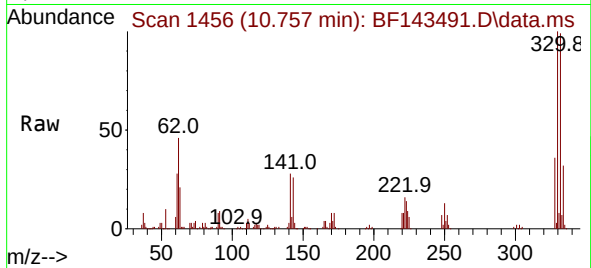
Acq: 20 Aug 2025 18:12

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-E



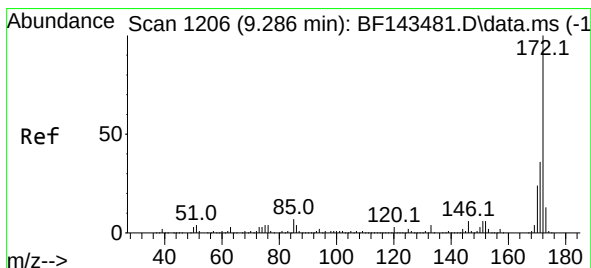
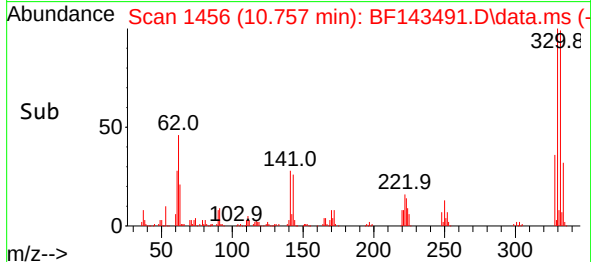
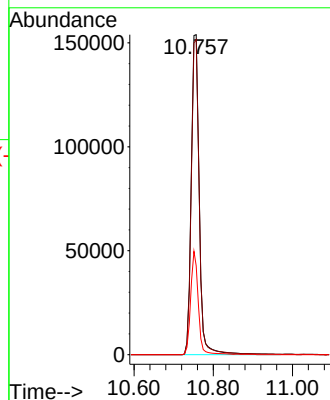
Tgt Ion:330 Resp: 217081

Ion Ratio Lower Upper

330 100

332 96.9 78.0 117.0

141 30.8 23.7 35.5



#45

2-Fluorobiphenyl

Concen: 59.107 ng

RT: 9.281 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF143491.D

Acq: 20 Aug 2025 18:12

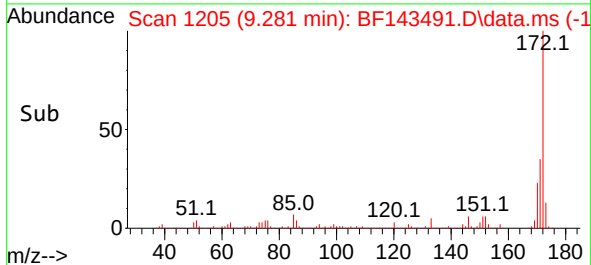
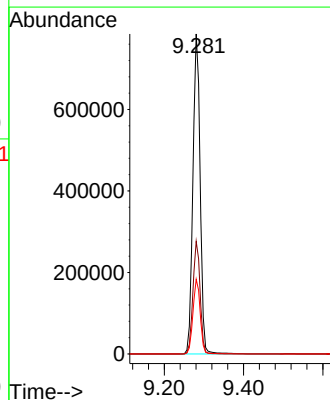
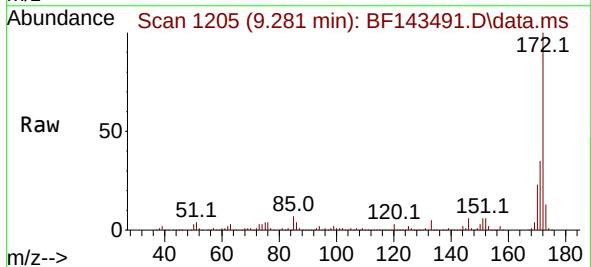
Tgt Ion:172 Resp: 1000601

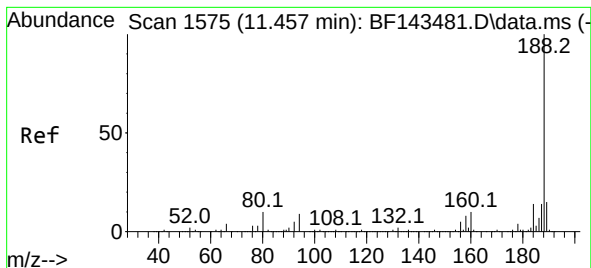
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.3 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143491.D

Acq: 20 Aug 2025 18:12

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-E

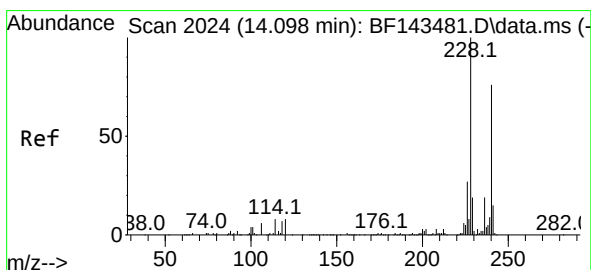
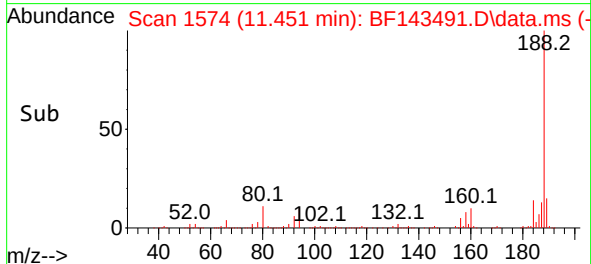
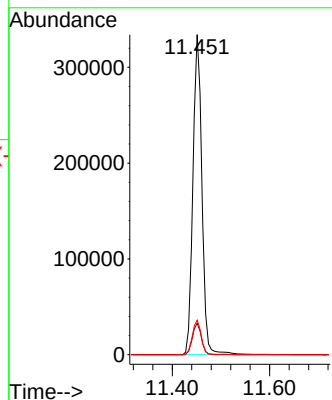
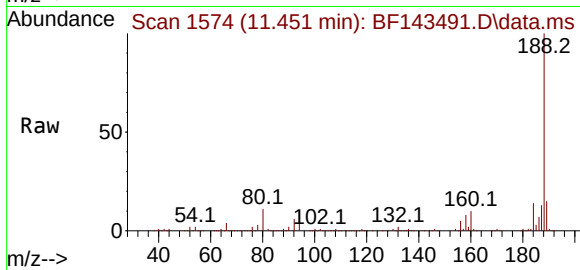
Tgt Ion:188 Resp: 430250

Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.2

80 10.8 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF143491.D

Acq: 20 Aug 2025 18:12

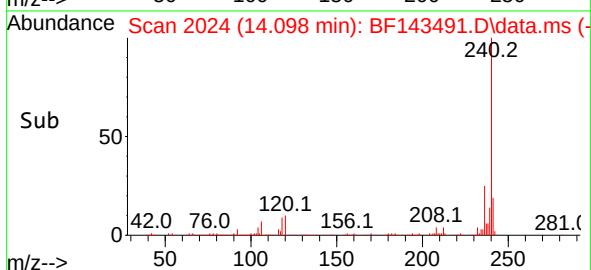
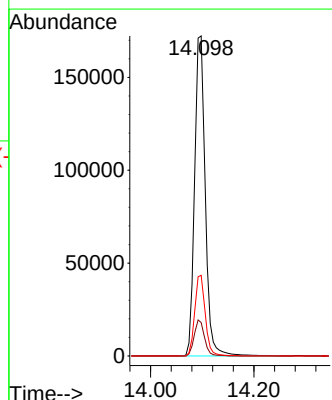
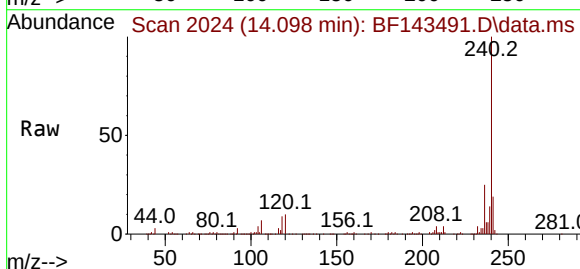
Tgt Ion:240 Resp: 247496

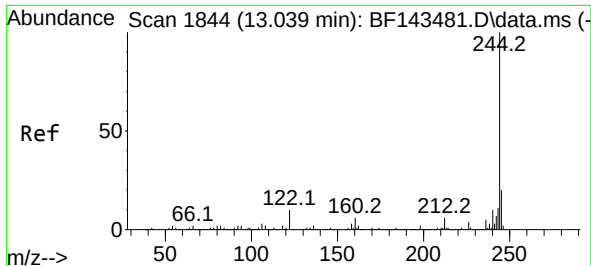
Ion Ratio Lower Upper

240 100

120 10.4 8.6 12.8

236 25.2 20.4 30.6

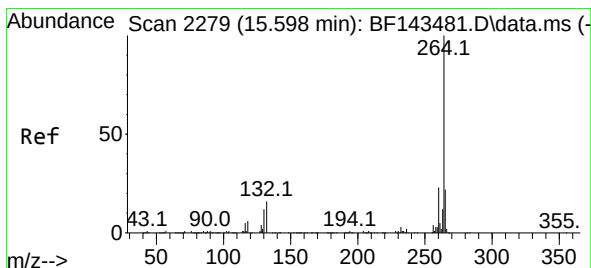
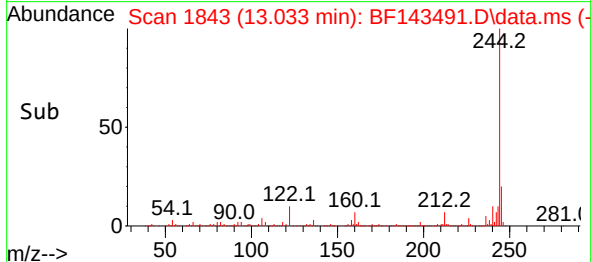
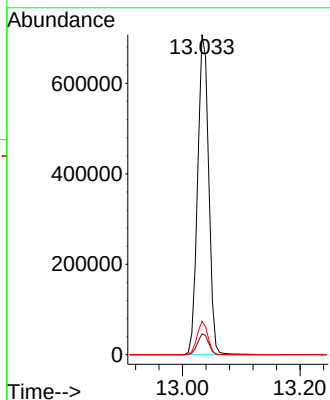
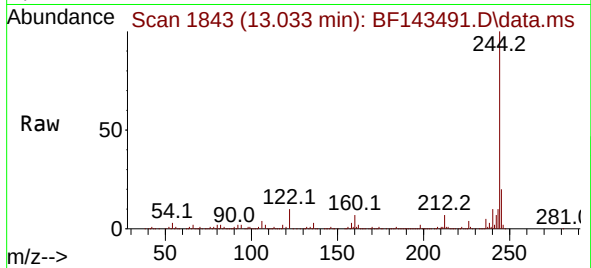




#79
 Terphenyl-d14
 Concen: 65.134 ng
 RT: 13.033 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF143491.D
 Acq: 20 Aug 2025 18:12

Instrument :
 BNA_F
 ClientSampleId :
 3-FLOOR-SOUTH-E

Tgt Ion:244 Resp: 923783
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 10.4 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 2278
 Delta R.T. -0.006 min
 Lab File: BF143491.D
 Acq: 20 Aug 2025 18:12

Tgt Ion:264 Resp: 250398
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.3 17.6 26.4

