

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143490.D
 Acq On : 20 Aug 2025 17:43
 Operator : RC/JU
 Sample : Q2892-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRONT-1-FLOOR-F

Quant Time: Aug 20 18:26:25 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	137802	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	520664	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	280835	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	461039	20.000	ng	0.00
76) Chrysene-d12	14.098	240	256305	20.000	ng	0.00
86) Perylene-d12	15.598	264	259662	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	524895	66.512	ng	0.00
7) Phenol-d6	6.557	99	660874	67.838	ng	-0.02
23) Nitrobenzene-d5	7.481	82	432981	48.527	ng	-0.02
42) 2,4,6-Tribromophenol	10.757	330	179427	68.637	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	842694	49.591	ng	0.00
79) Terphenyl-d14	13.033	244	732326	49.860	ng	0.00

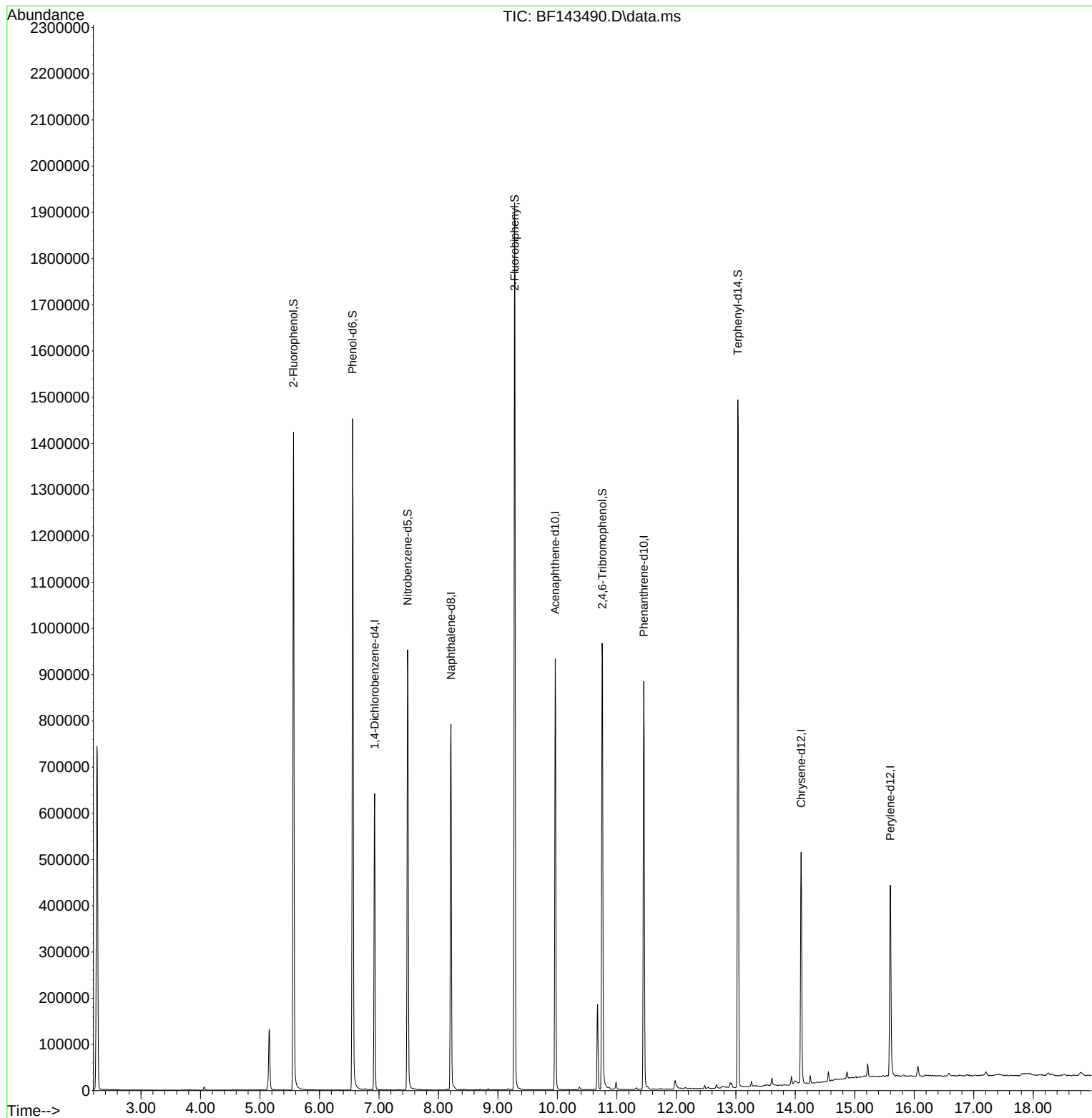
Target Compounds	Qvalue

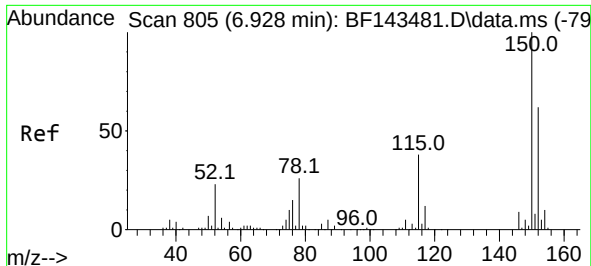
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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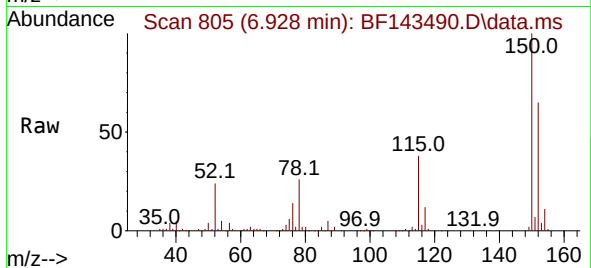
Quant Time: Aug 20 18:26:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
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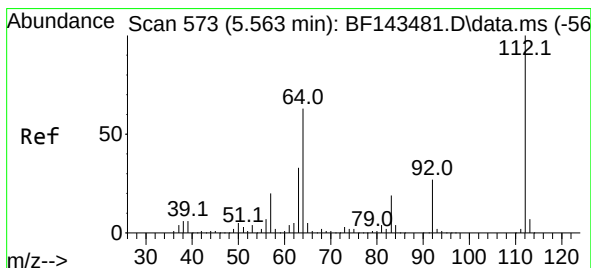
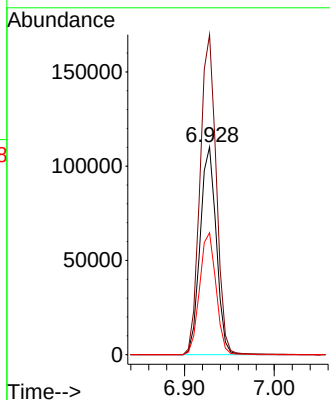
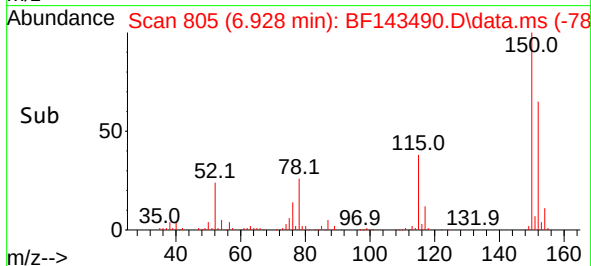


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143490.D
Acq: 20 Aug 2025 17:43

Instrument :
BNA_F
ClientSampleId :
FRONT-1-FLOOR-F

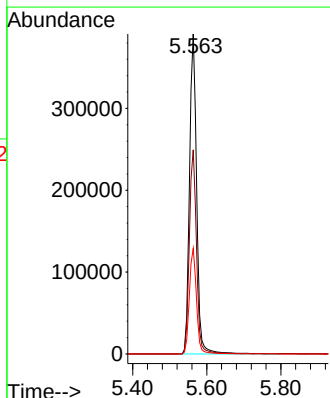
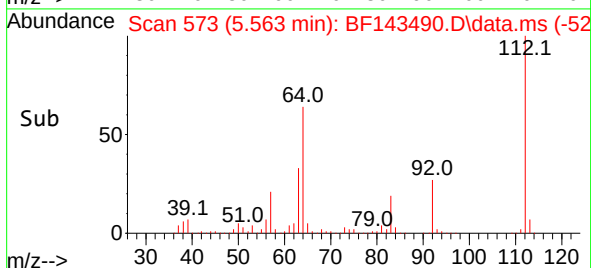
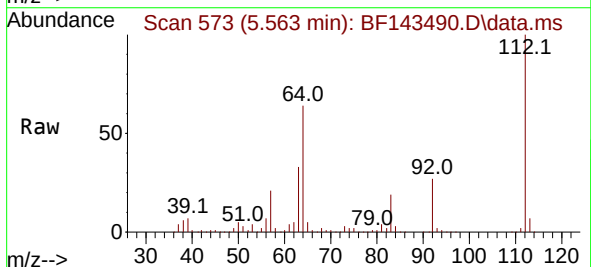


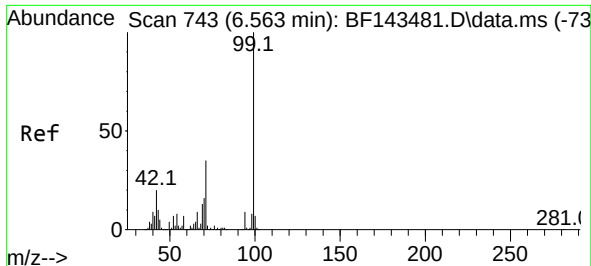
Tgt Ion:152 Resp: 137802
Ion Ratio Lower Upper
152 100
150 154.1 128.9 193.3
115 58.7 49.2 73.8



#5
2-Fluorophenol
Concen: 66.512 ng
RT: 5.563 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF143490.D
Acq: 20 Aug 2025 17:43

Tgt Ion:112 Resp: 524895
Ion Ratio Lower Upper
112 100
64 63.8 50.4 75.6
63 33.0 26.4 39.6

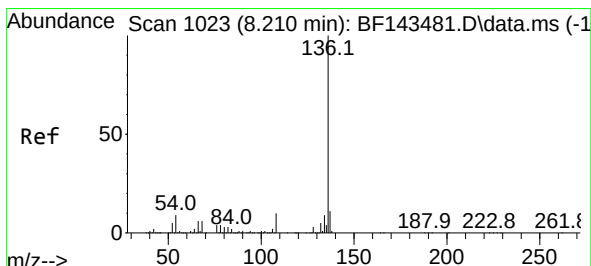
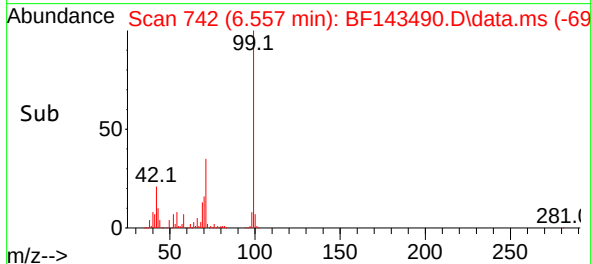
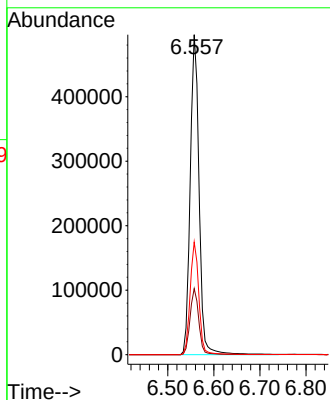
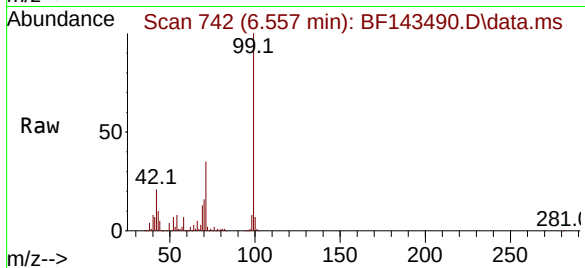




#7
Phenol-d6
Concen: 67.838 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF143490.D
Acq: 20 Aug 2025 17:43

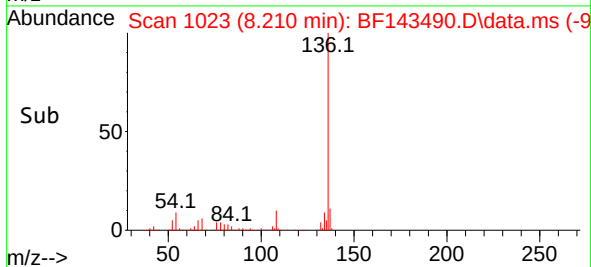
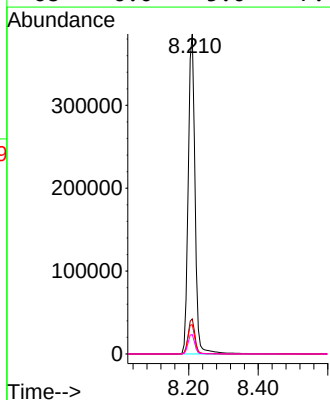
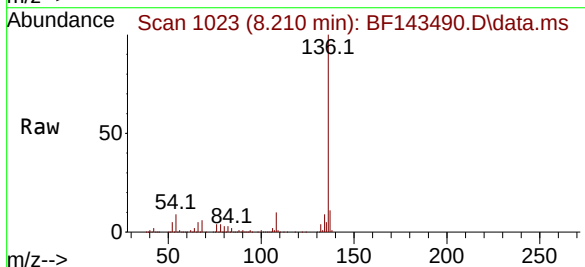
Instrument :
BNA_F
ClientSampleId :
FRONT-1-FLOOR-F

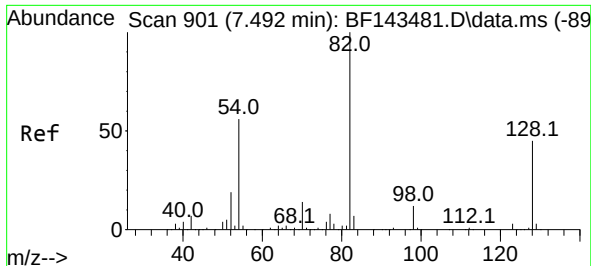
Tgt Ion: 99 Resp: 660874
Ion Ratio Lower Upper
99 100
42 20.6 16.3 24.5
71 35.2 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143490.D
Acq: 20 Aug 2025 17:43

Tgt Ion: 136 Resp: 520664
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.2 7.4 11.2
68 6.0 5.0 7.4

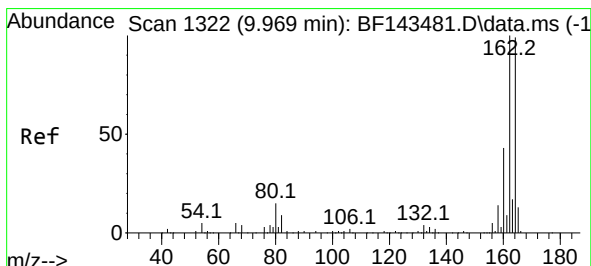
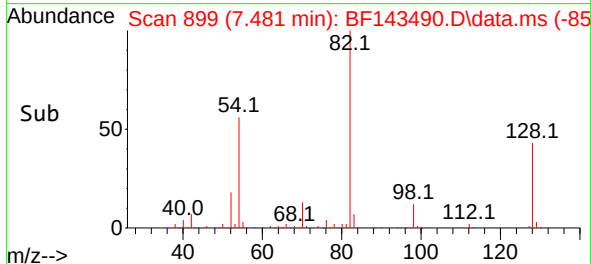
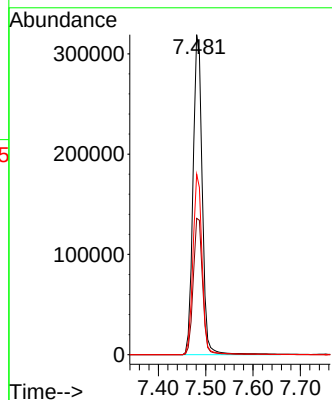
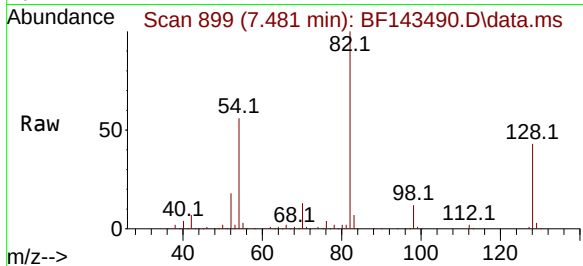




#23
 Nitrobenzene-d5
 Concen: 48.527 ng
 RT: 7.481 min Scan# 899
 Delta R.T. -0.018 min
 Lab File: BF143490.D
 Acq: 20 Aug 2025 17:43

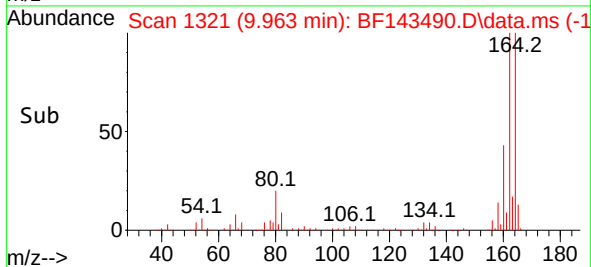
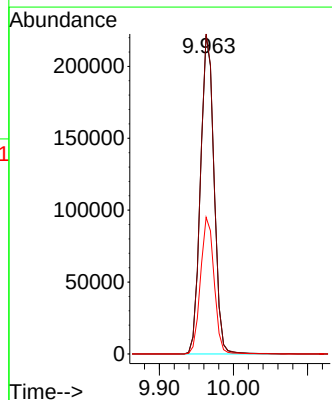
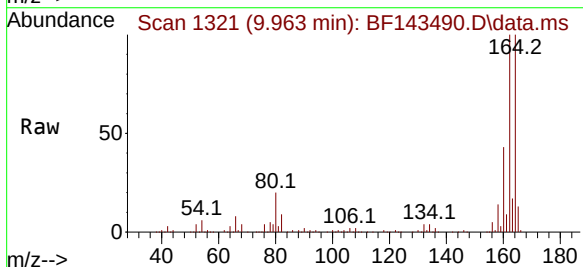
Instrument :
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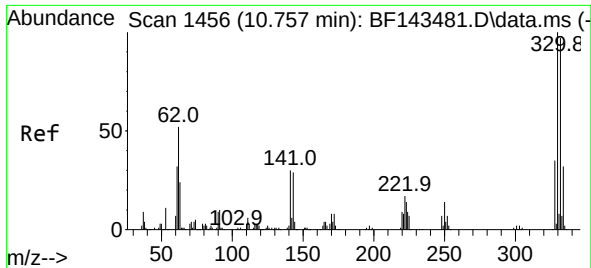
Tgt Ion: 82 Resp: 432981
 Ion Ratio Lower Upper
 82 100
 128 42.6 35.5 53.3
 54 56.4 44.3 66.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.963 min Scan# 1321
 Delta R.T. -0.006 min
 Lab File: BF143490.D
 Acq: 20 Aug 2025 17:43

Tgt Ion:164 Resp: 280835
 Ion Ratio Lower Upper
 164 100
 162 100.5 80.5 120.7
 160 42.9 34.3 51.5

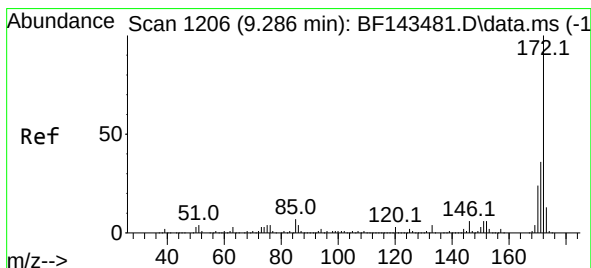
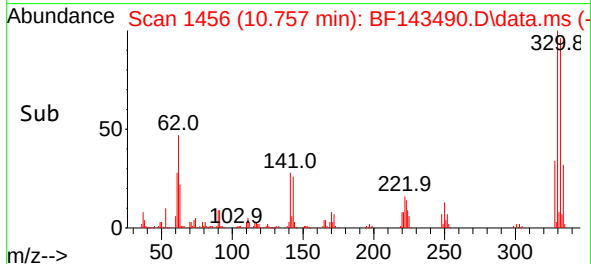
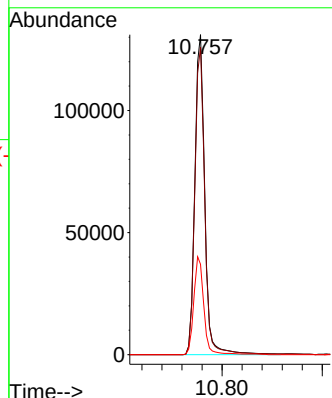
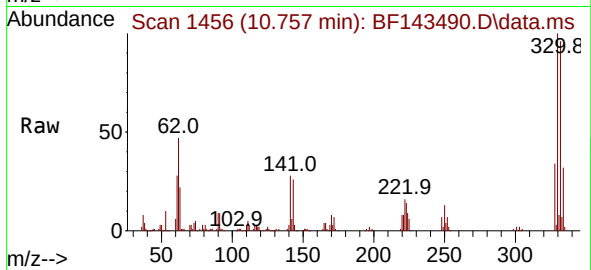




#42
2,4,6-Tribromophenol
Concen: 68.637 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143490.D
Acq: 20 Aug 2025 17:43

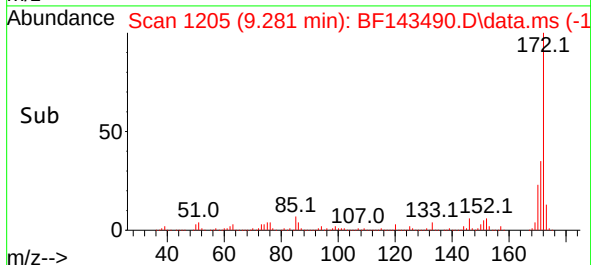
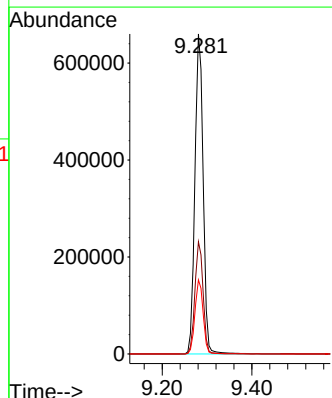
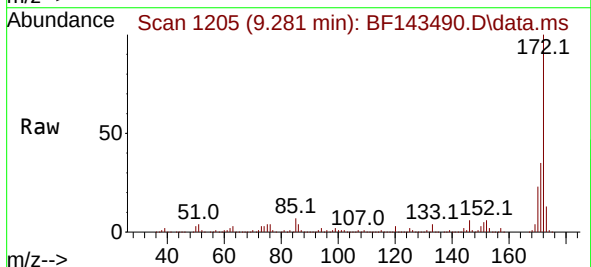
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ClientSampleId :
FRONT-1-FLOOR-F

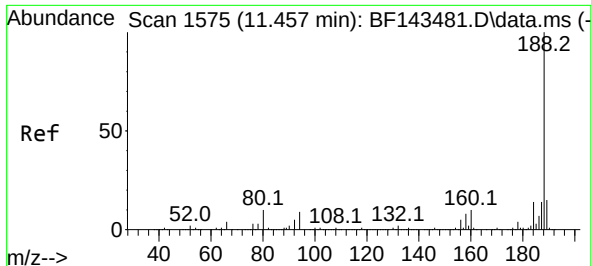
Tgt Ion:330 Resp: 179427
Ion Ratio Lower Upper
330 100
332 96.0 78.0 117.0
141 31.1 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 49.591 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143490.D
Acq: 20 Aug 2025 17:43

Tgt Ion:172 Resp: 842694
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.1 18.8 28.2

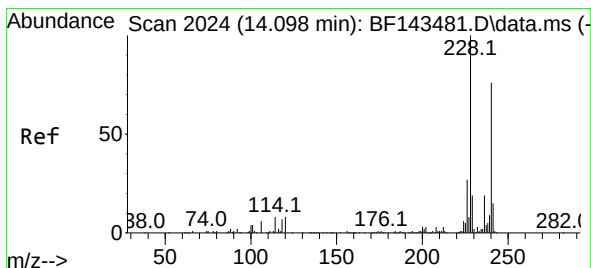
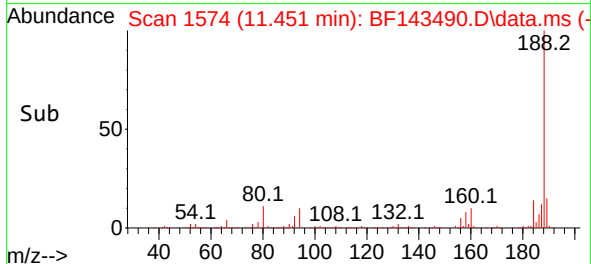
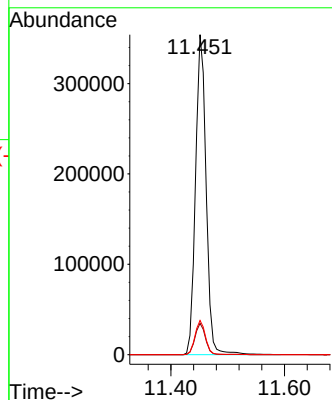
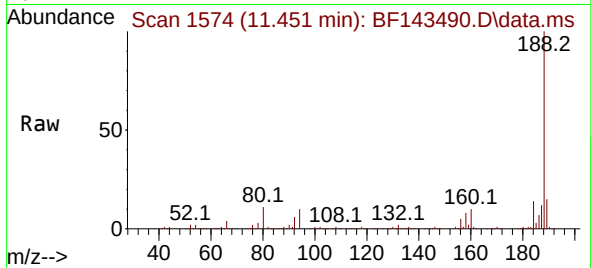




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143490.D
Acq: 20 Aug 2025 17:43

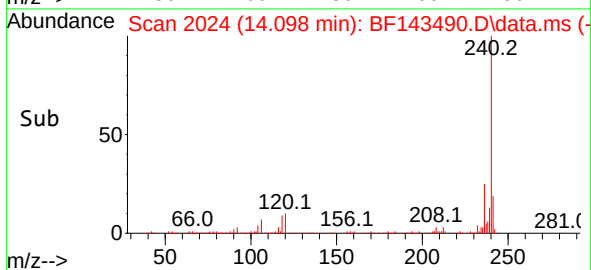
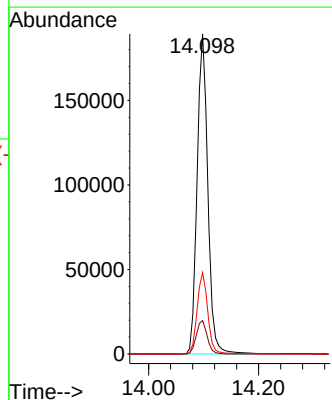
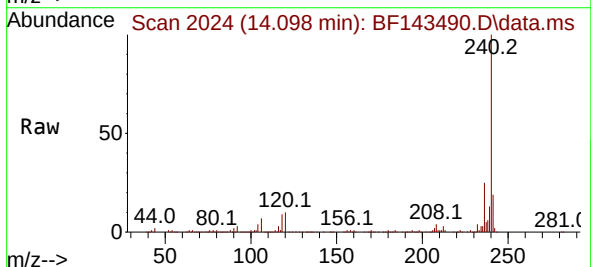
Instrument :
BNA_F
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FRONT-1-FLOOR-F

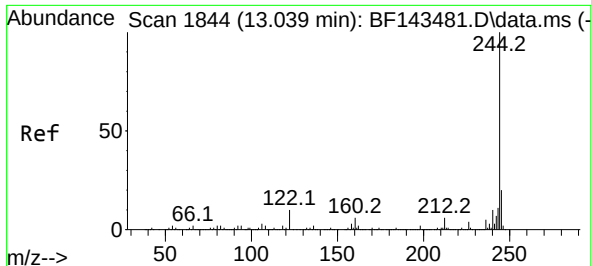
Tgt Ion:188 Resp: 461039
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.7 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143490.D
Acq: 20 Aug 2025 17:43

Tgt Ion:240 Resp: 256305
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 25.4 20.4 30.6





#79

Terphenyl-d14

Concen: 49.860 ng

RT: 13.033 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF143490.D

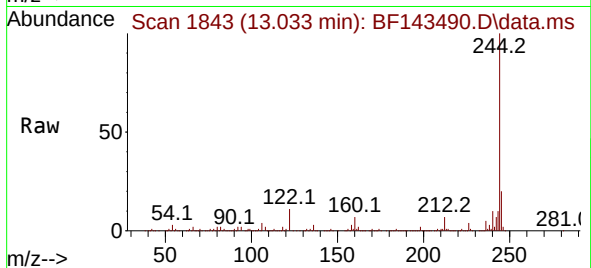
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Instrument :

BNA_F

ClientSampleId :

FRONT-1-FLOOR-F



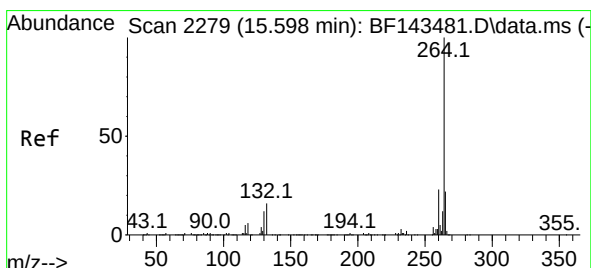
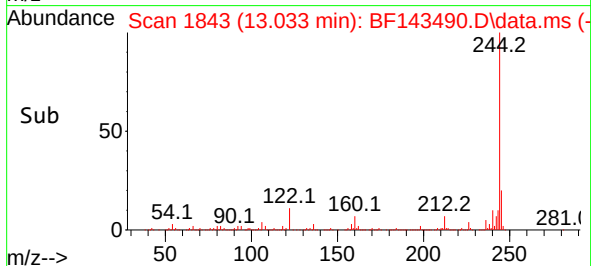
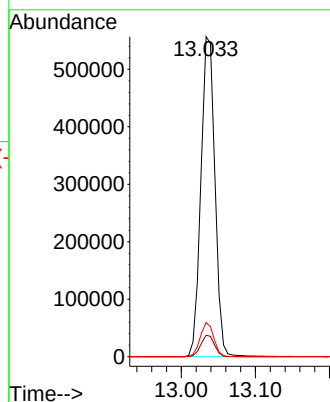
Tgt Ion:244 Resp: 732326

Ion Ratio Lower Upper

244 100

212 6.7 5.2 7.8

122 10.6 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.598 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF143490.D

Acq: 20 Aug 2025 17:43

Tgt Ion:264 Resp: 259662

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.6 17.6 26.4

