

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
 Data File : BF143463.D
 Acq On : 19 Aug 2025 18:26
 Operator : RC/JU
 Sample : Q2891-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL-2

Quant Time: Aug 20 01:12:38 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	153229	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	589223	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	342660	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	587762	20.000	ng	0.00
76) Chrysene-d12	14.086	240	322302	20.000	ng	0.00
86) Perylene-d12	15.580	264	298994	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	527003	59.786	ng	0.01
7) Phenol-d6	6.563	99	692913	62.376	ng	0.00
23) Nitrobenzene-d5	7.486	82	454375	45.759	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	206365	67.662	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	950878	46.675	ng	0.00
79) Terphenyl-d14	13.027	244	973052	50.716	ng	0.00

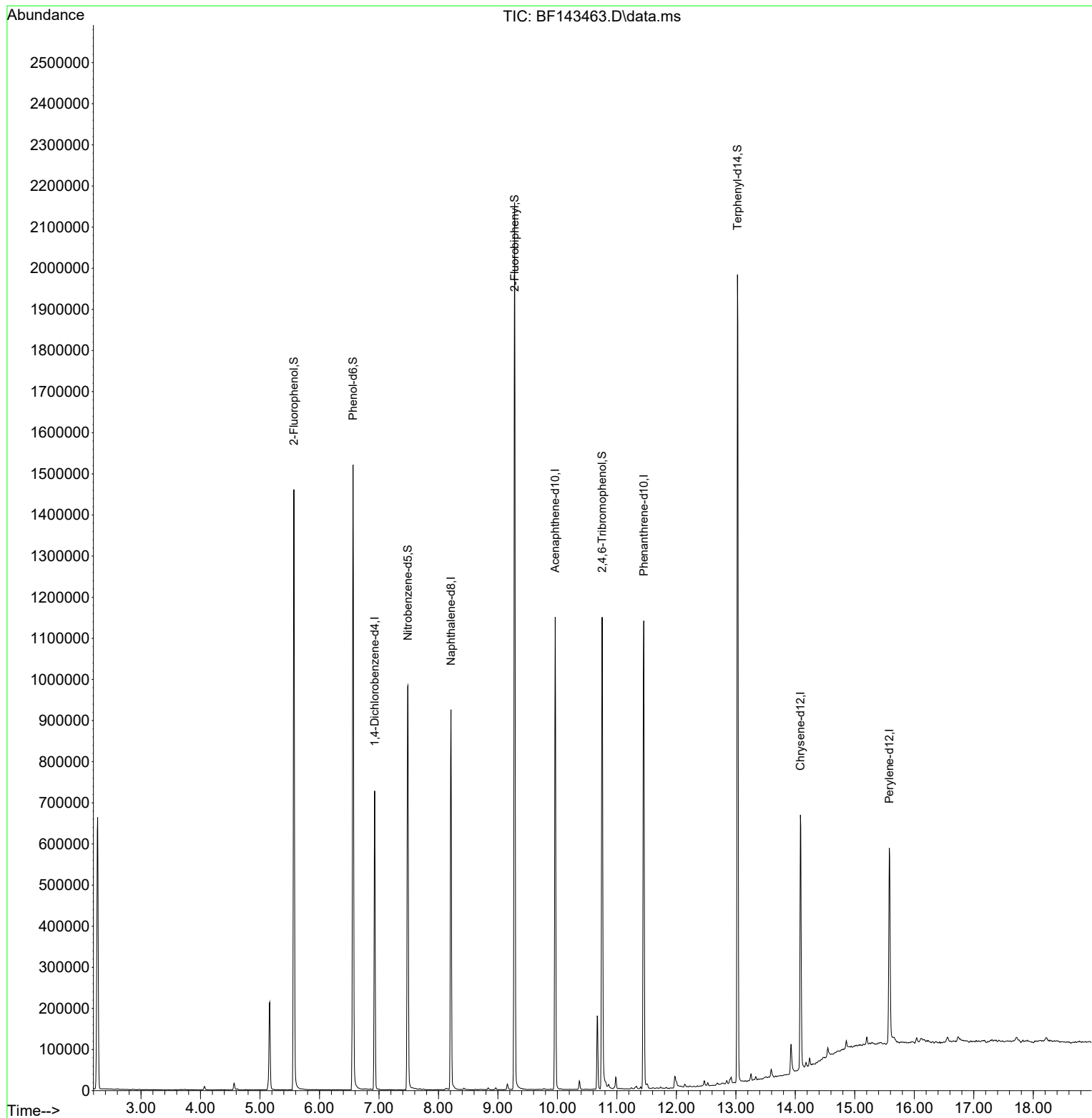
Target Compounds	Qvalue

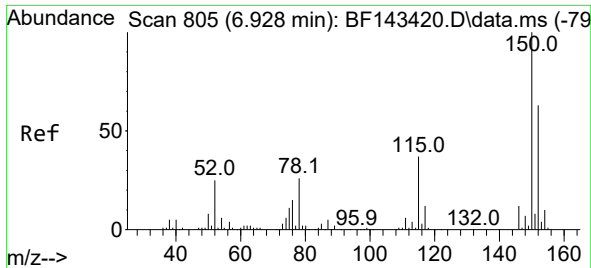
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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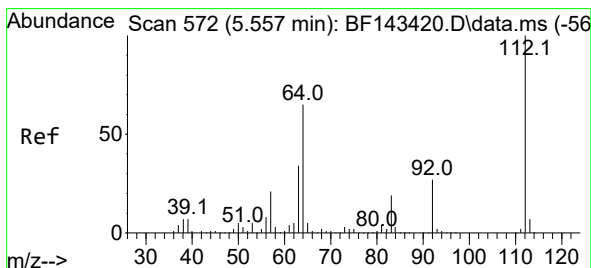
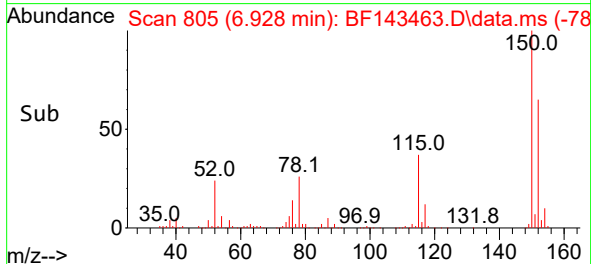
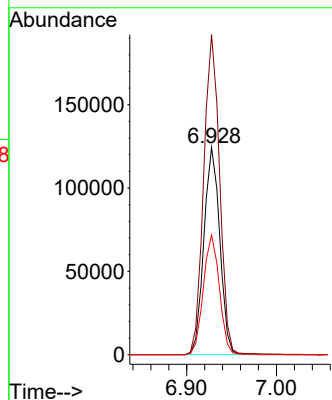
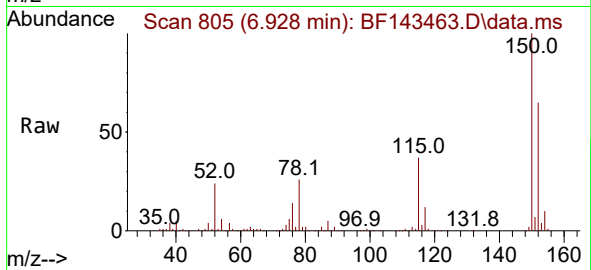




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF143463.D
 Acq: 19 Aug 2025 18:26

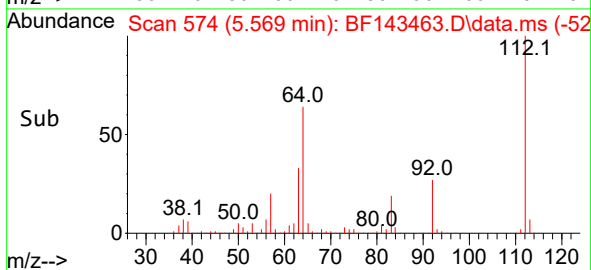
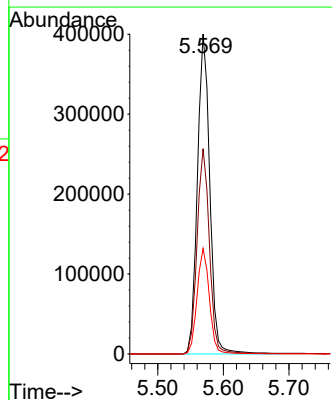
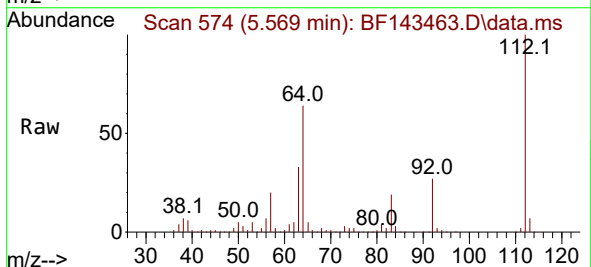
Instrument :
 BNA_F
 ClientSampleId :
 WALL-2

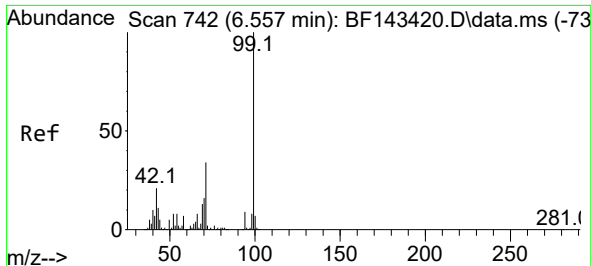
Tgt Ion:152 Resp: 153229
 Ion Ratio Lower Upper
 152 100
 150 154.4 127.4 191.2
 115 57.8 47.5 71.3



#5
 2-Fluorophenol
 Concen: 59.786 ng
 RT: 5.569 min Scan# 574
 Delta R.T. 0.012 min
 Lab File: BF143463.D
 Acq: 19 Aug 2025 18:26

Tgt Ion:112 Resp: 527003
 Ion Ratio Lower Upper
 112 100
 64 64.2 52.2 78.2
 63 33.0 27.0 40.6

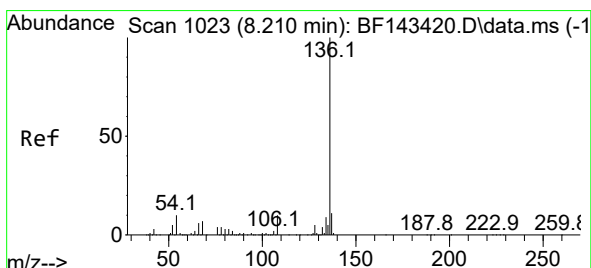
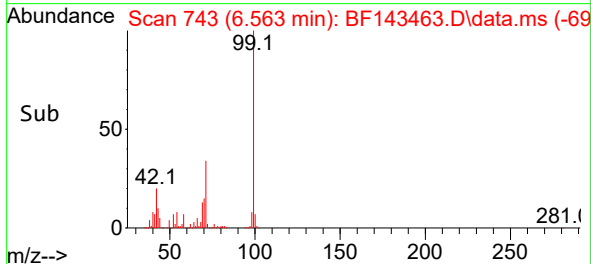
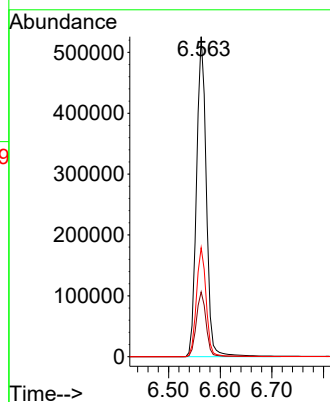
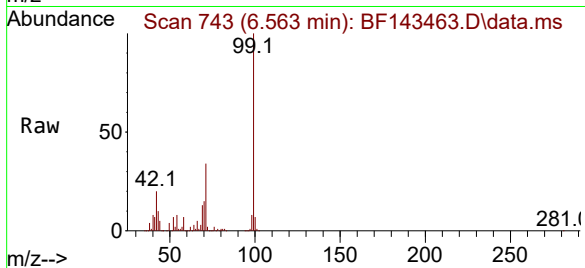




#7
Phenol-d6
Concen: 62.376 ng
RT: 6.563 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143463.D
Acq: 19 Aug 2025 18:26

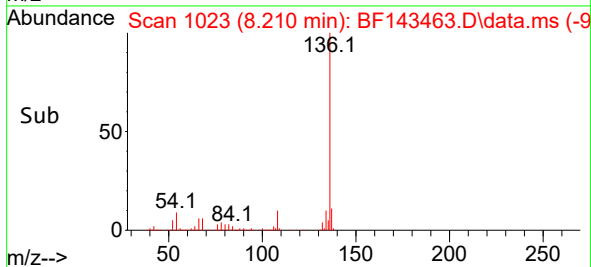
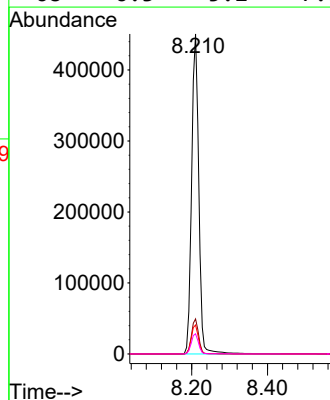
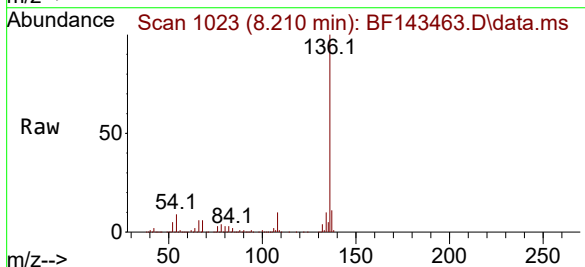
Instrument :
BNA_F
ClientSampleId :
WALL-2

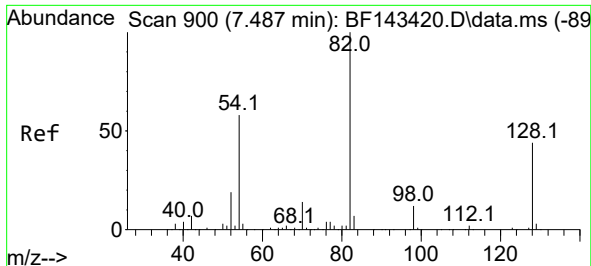
Tgt Ion: 99 Resp: 692913
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 34.0 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143463.D
Acq: 19 Aug 2025 18:26

Tgt Ion: 136 Resp: 589223
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.0 7.8 11.8
68 6.3 5.2 7.8





#23

Nitrobenzene-d5

Concen: 45.759 ng

RT: 7.486 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF143463.D

Acq: 19 Aug 2025 18:26

Instrument :

BNA_F

ClientSampleId :

WALL-2

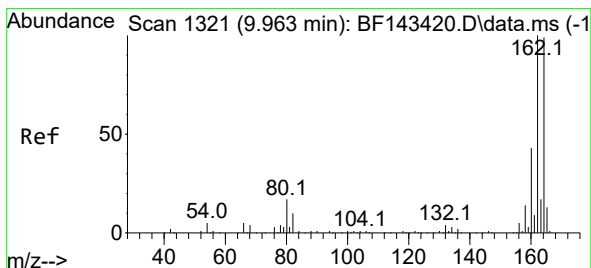
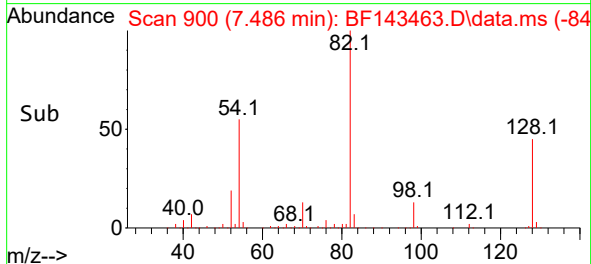
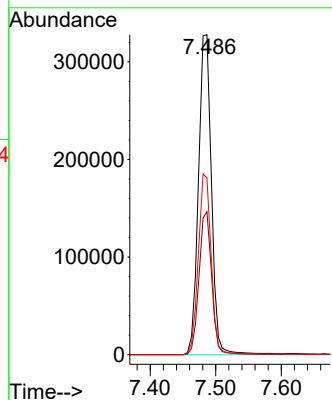
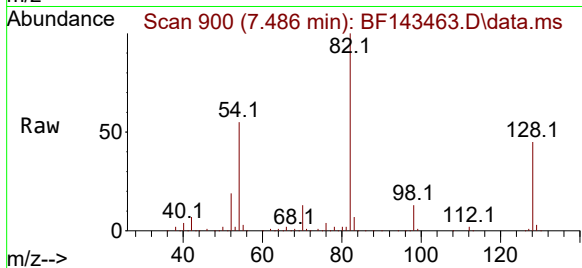
Tgt Ion: 82 Resp: 454375

Ion Ratio Lower Upper

82 100

128 44.7 34.6 52.0

54 55.3 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: BF143463.D

Acq: 19 Aug 2025 18:26

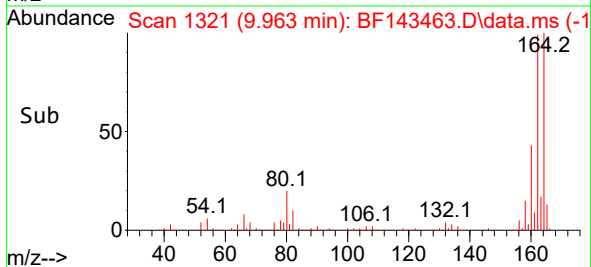
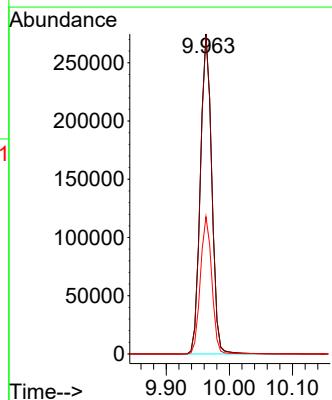
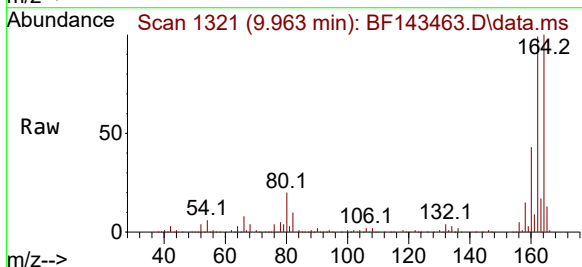
Tgt Ion:164 Resp: 342660

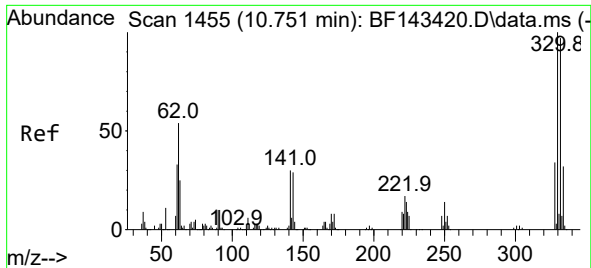
Ion Ratio Lower Upper

164 100

162 99.4 80.6 121.0

160 42.9 34.6 51.8

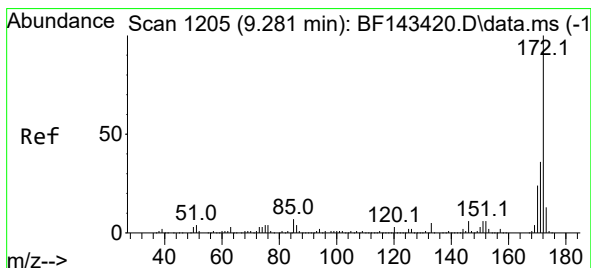
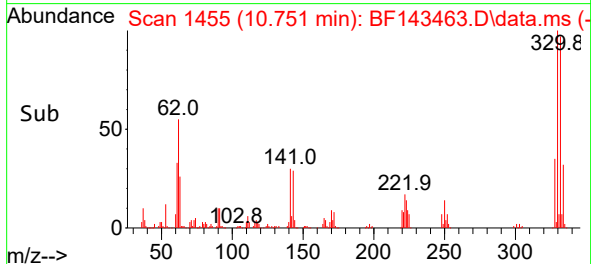
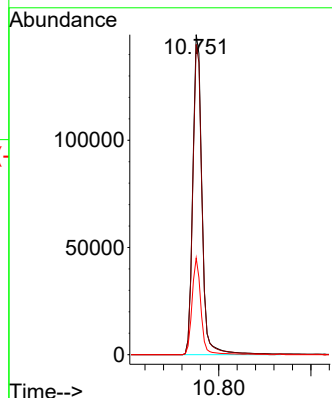
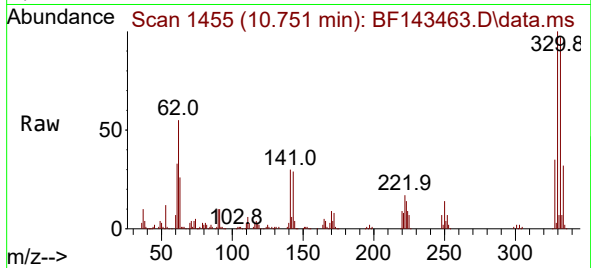




#42
2,4,6-Tribromophenol
Concen: 67.662 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF143463.D
Acq: 19 Aug 2025 18:26

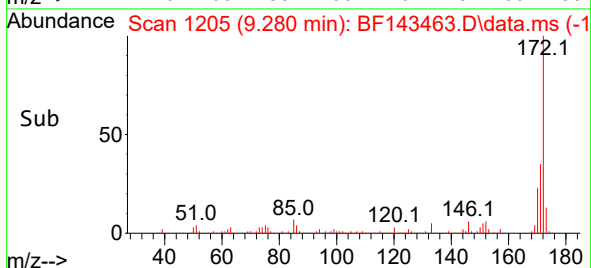
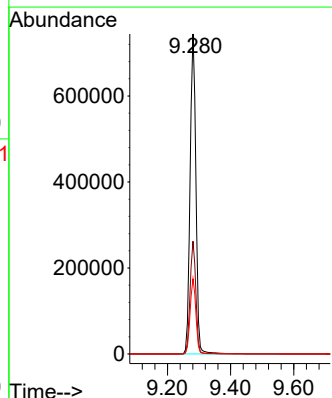
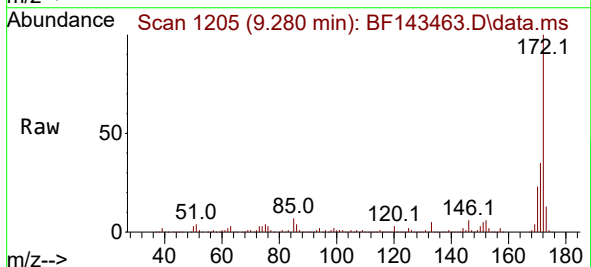
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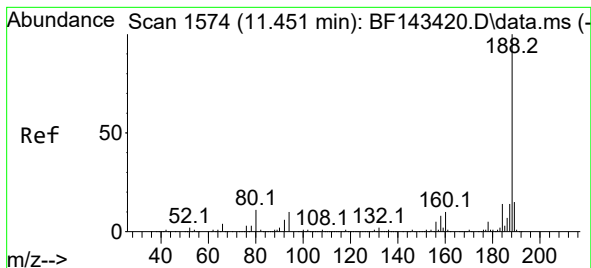
Tgt Ion:330 Resp: 206365
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.2
141 29.4 24.1 36.1



#45
2-Fluorobiphenyl
Concen: 46.675 ng
RT: 9.280 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF143463.D
Acq: 19 Aug 2025 18:26

Tgt Ion:172 Resp: 950878
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 23.5 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: BF143463.D

Acq: 19 Aug 2025 18:26

Instrument :

BNA_F

ClientSampleId :

WALL-2

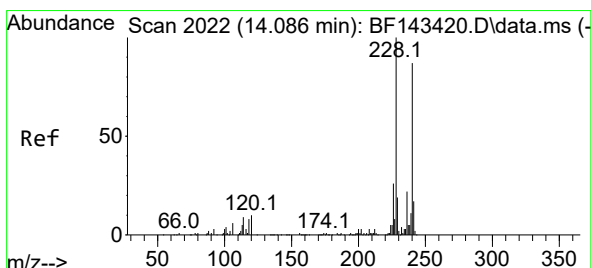
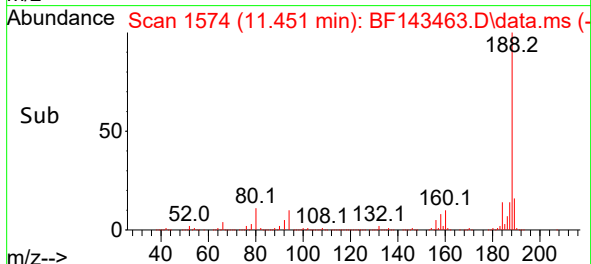
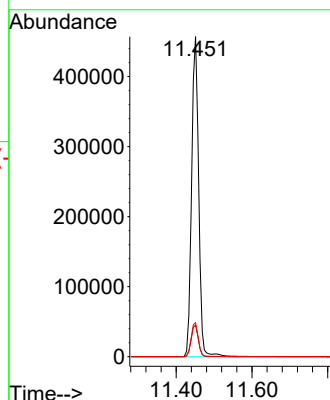
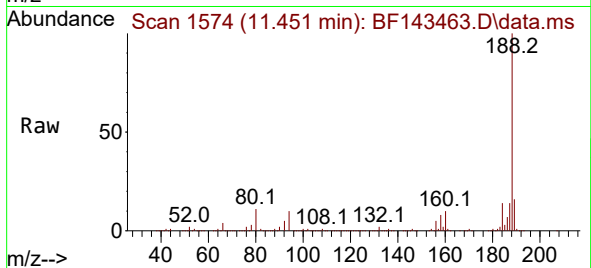
Tgt Ion:188 Resp: 587762

Ion Ratio Lower Upper

188 100

94 9.9 8.0 12.0

80 10.6 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF143463.D

Acq: 19 Aug 2025 18:26

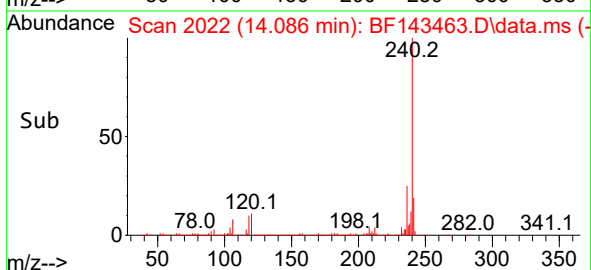
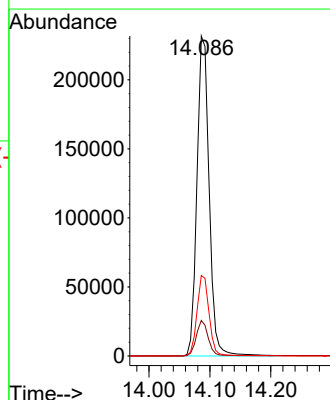
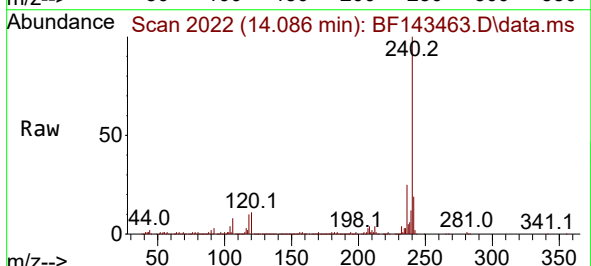
Tgt Ion:240 Resp: 322302

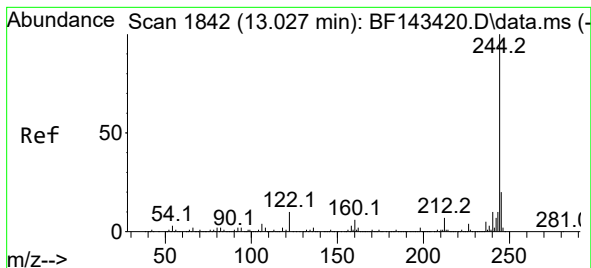
Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.4

236 25.1 20.2 30.2





#79

Terphenyl-d14

Concen: 50.716 ng

RT: 13.027 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF143463.D

Acq: 19 Aug 2025 18:26

Instrument :

BNA_F

ClientSampleId :

WALL-2

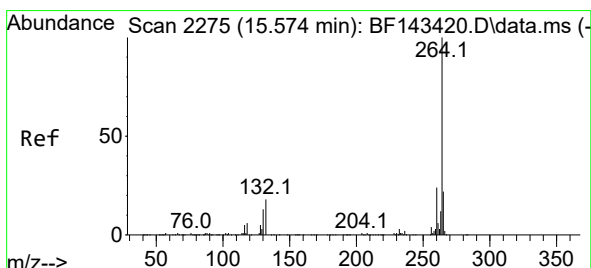
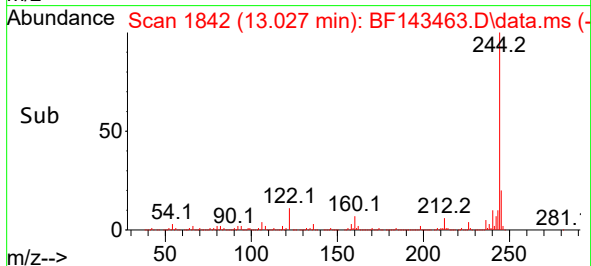
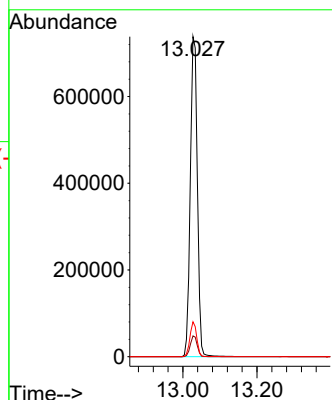
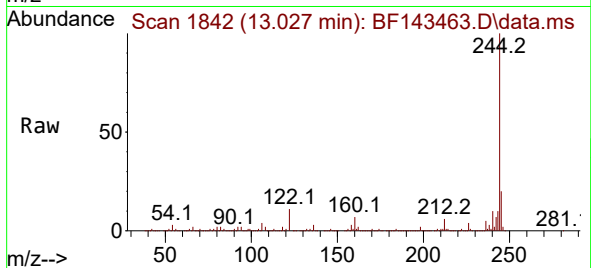
Tgt Ion:244 Resp: 973052

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

122 10.9 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2276

Delta R.T. 0.006 min

Lab File: BF143463.D

Acq: 19 Aug 2025 18:26

Tgt Ion:264 Resp: 298994

Ion Ratio Lower Upper

264 100

260 23.0 18.8 28.2

265 21.0 17.4 26.0

