

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
 Data File : BF143568.D
 Acq On : 22 Aug 2025 13:00
 Operator : RC/JU
 Sample : Q2903-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6B-081925

Quant Time: Aug 22 13:26:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 21 06:12:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	99679	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	401264	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	242882	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	443411	20.000	ng	0.00
76) Chrysene-d12	14.098	240	244215	20.000	ng	0.00
86) Perylene-d12	15.592	264	209082	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	367542	64.385	ng	0.00
7) Phenol-d6	6.557	99	293885	41.705	ng	-0.02
23) Nitrobenzene-d5	7.487	82	624744	90.855	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	356913	157.865	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1187697	80.816	ng	0.00
79) Terphenyl-d14	13.039	244	1513655	108.158	ng	0.00

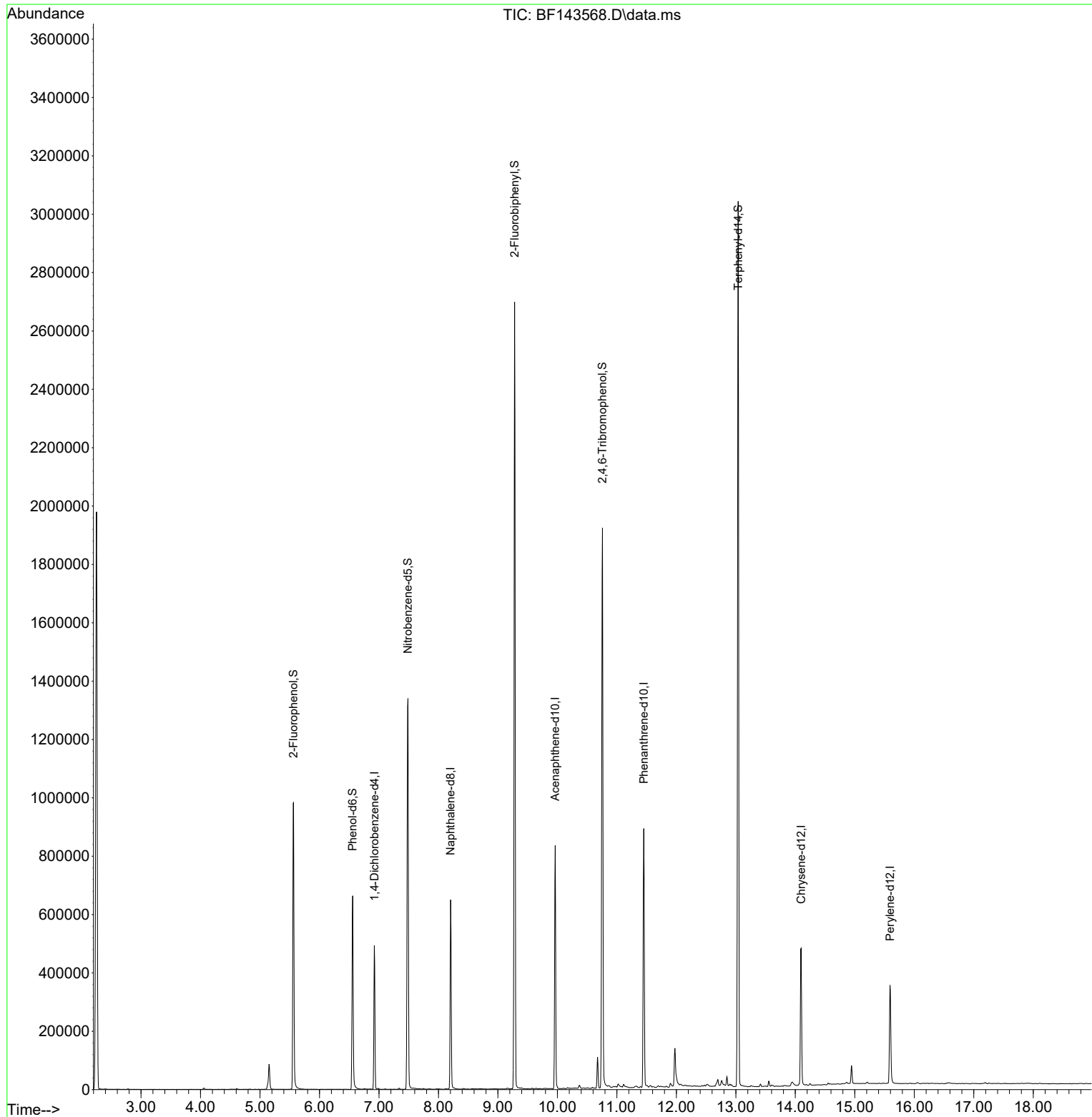
Target Compounds	Qvalue

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

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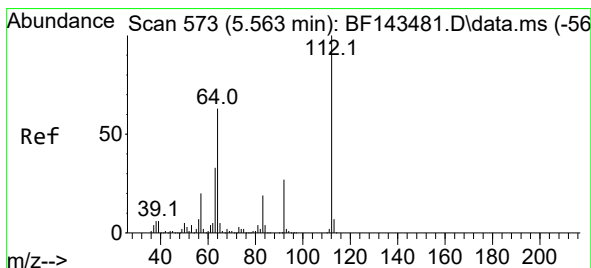
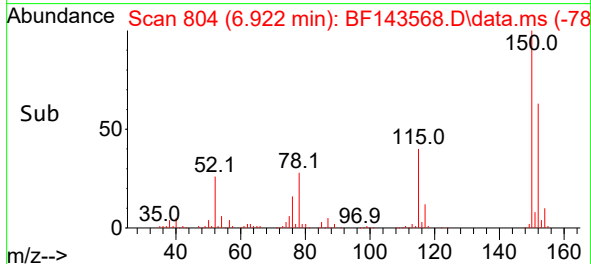
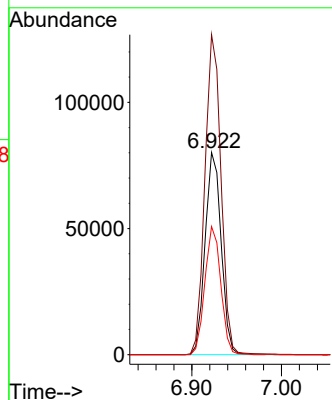
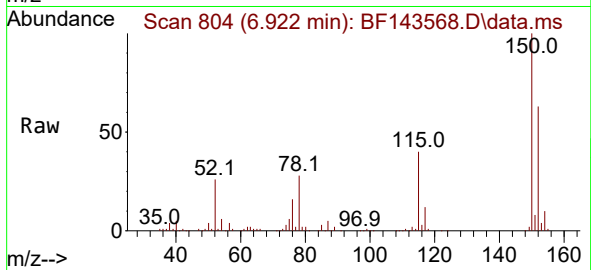




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

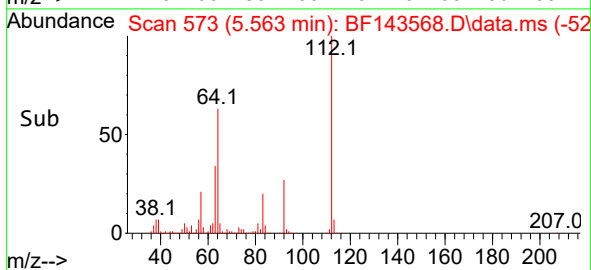
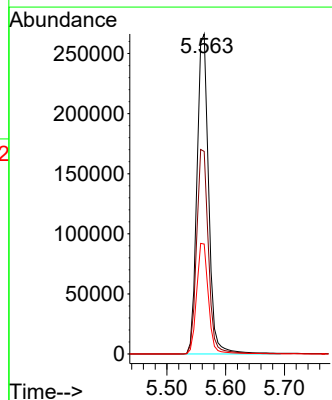
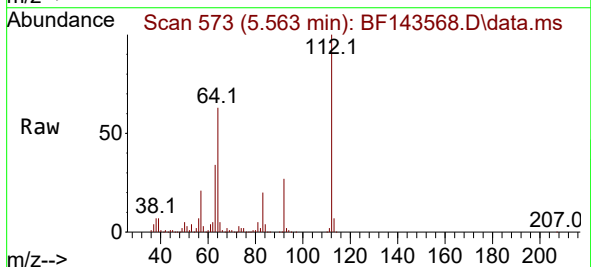
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925

Tgt Ion:152 Resp: 99679
Ion Ratio Lower Upper
152 100
150 158.3 128.9 193.3
115 63.4 49.2 73.8



#5
2-Fluorophenol
Concen: 64.385 ng
RT: 5.563 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

Tgt Ion:112 Resp: 367542
Ion Ratio Lower Upper
112 100
64 63.3 50.4 75.6
63 34.3 26.4 39.6

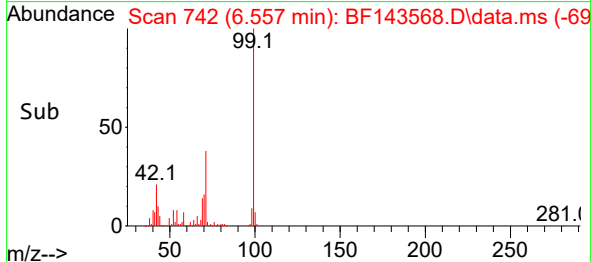
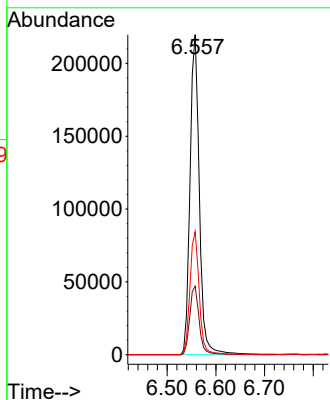
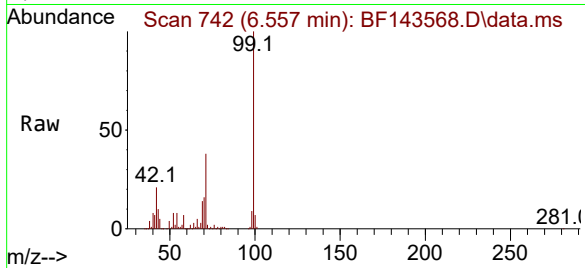




#7
Phenol-d6
Concen: 41.705 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

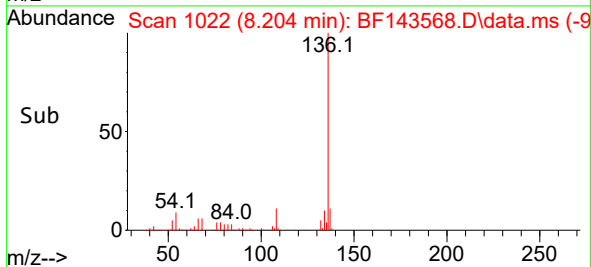
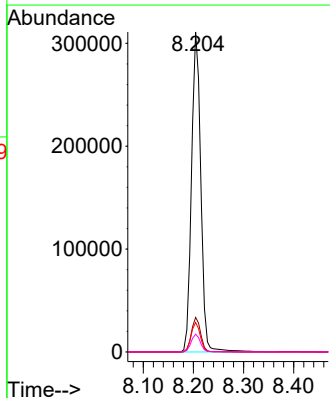
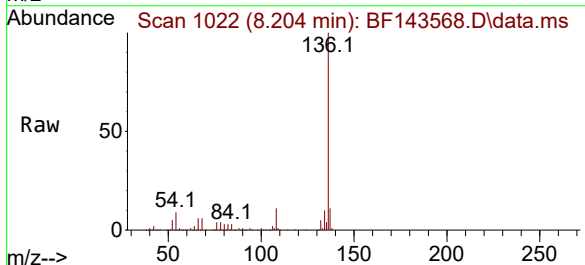
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925

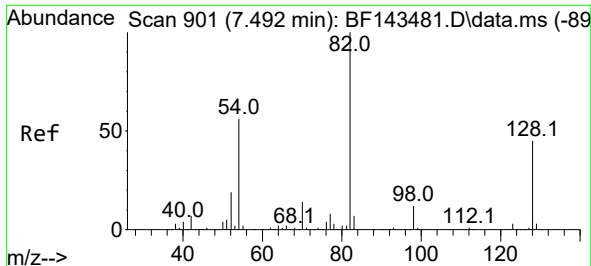
Tgt Ion: 99 Resp: 293885
Ion Ratio Lower Upper
99 100
42 21.4 16.3 24.5
71 38.4 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

Tgt Ion: 136 Resp: 401264
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 9.2 7.4 11.2
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 90.855 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143568.D

Acq: 22 Aug 2025 13:00

Instrument :

BNA_F

ClientSampleId :

MW-6B-081925

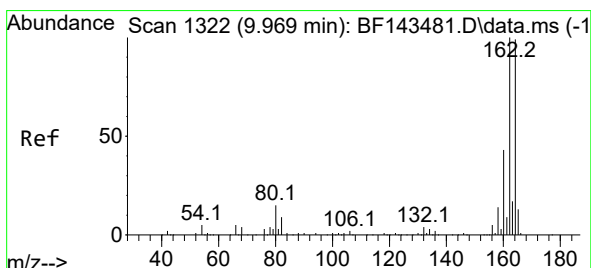
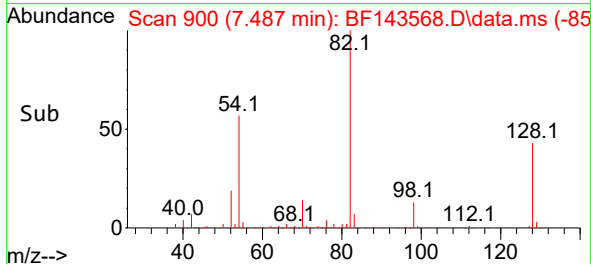
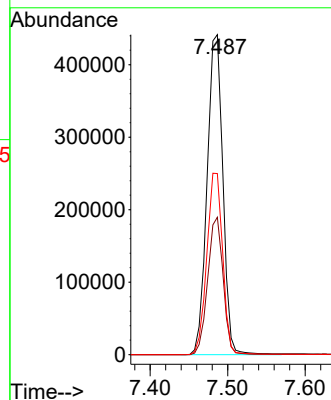
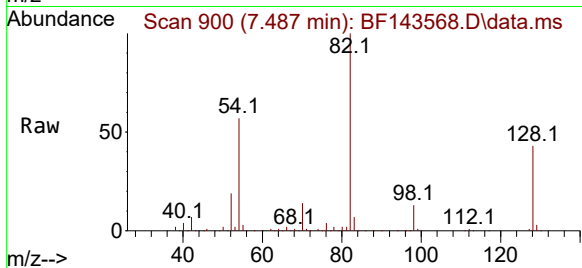
Tgt Ion: 82 Resp: 624744

Ion Ratio Lower Upper

82 100

128 42.9 35.5 53.3

54 56.6 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: BF143568.D

Acq: 22 Aug 2025 13:00

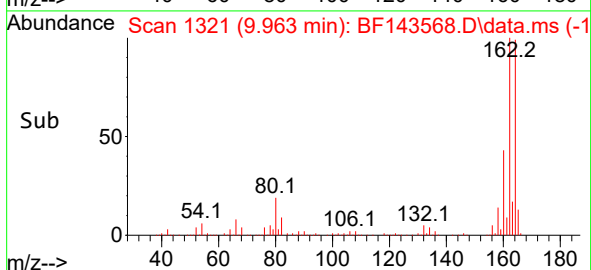
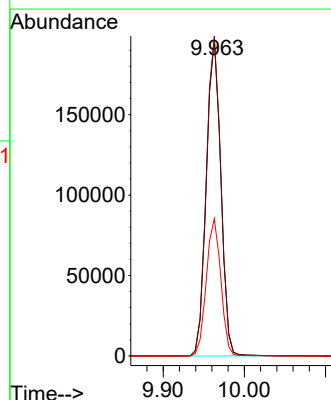
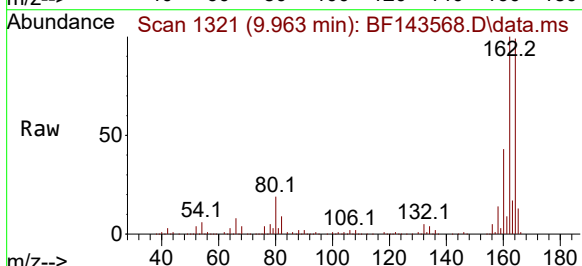
Tgt Ion: 164 Resp: 242882

Ion Ratio Lower Upper

164 100

162 101.2 80.5 120.7

160 43.4 34.3 51.5

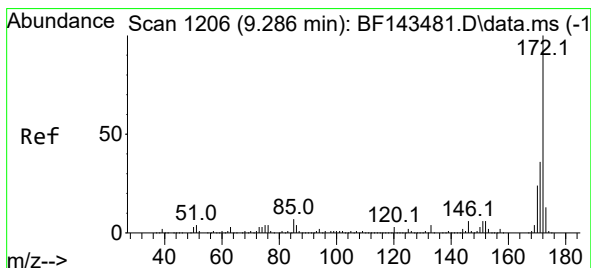
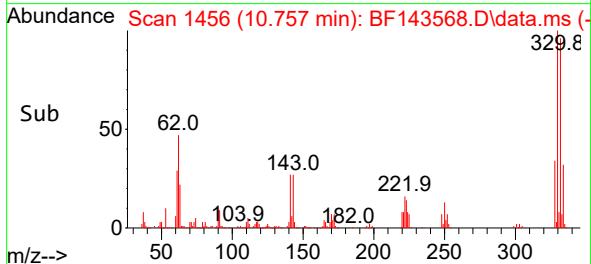
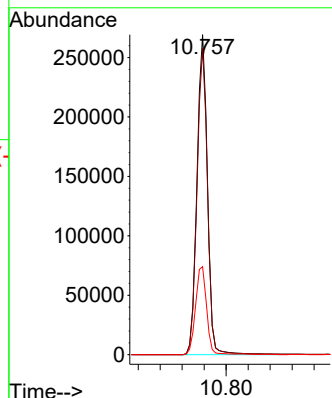
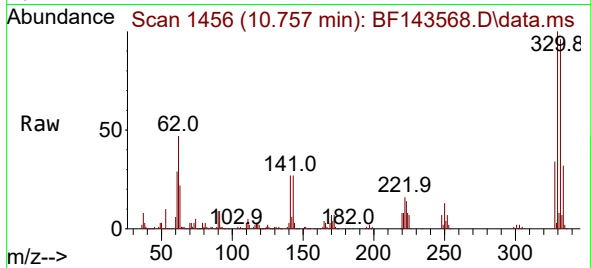




#42
2,4,6-Tribromophenol
Concen: 157.865 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

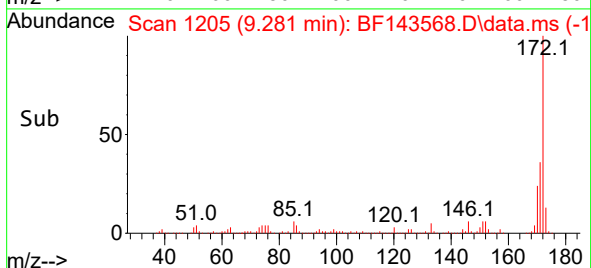
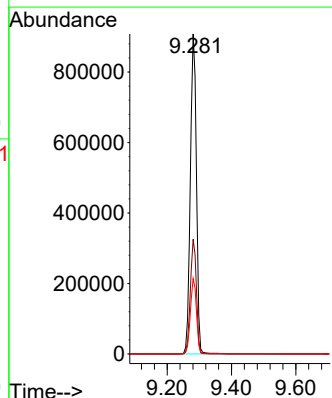
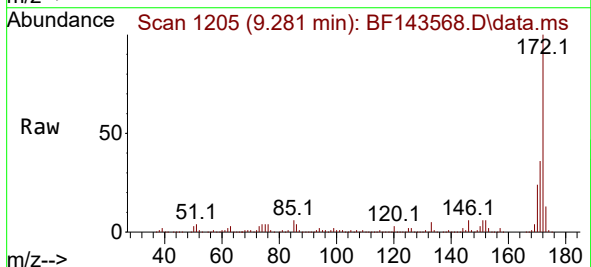
Instrument :
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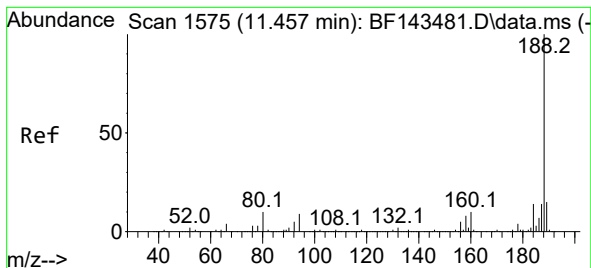
Tgt Ion:330 Resp: 356913
Ion Ratio Lower Upper
330 100
332 95.8 78.0 117.0
141 29.3 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 80.816 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

Tgt Ion:172 Resp: 1187697
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.6 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: BF143568.D

Acq: 22 Aug 2025 13:00

Instrument :

BNA_F

ClientSampleId :

MW-6B-081925

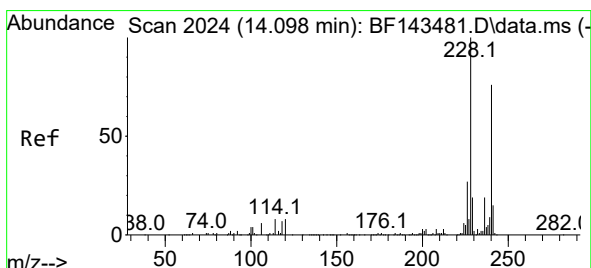
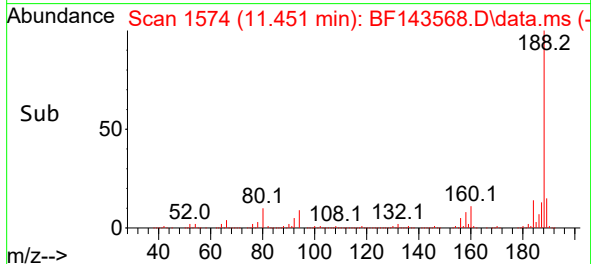
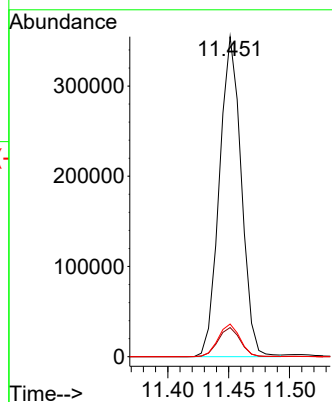
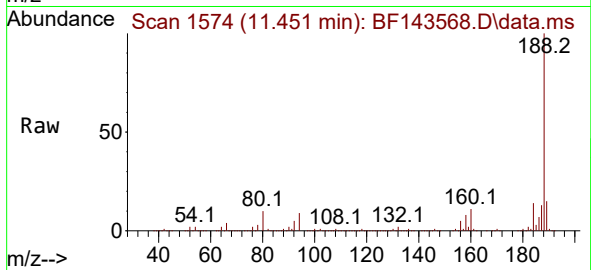
Tgt Ion:188 Resp: 443411

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

80 10.2 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: BF143568.D

Acq: 22 Aug 2025 13:00

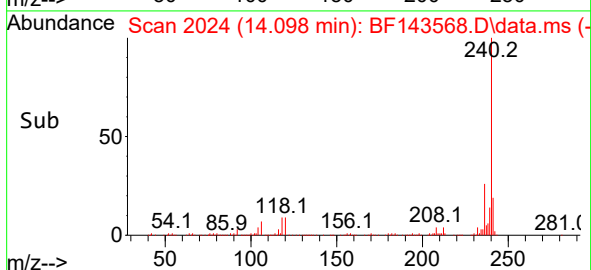
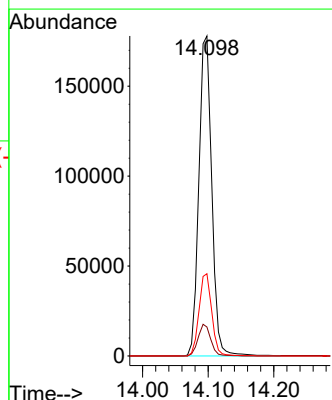
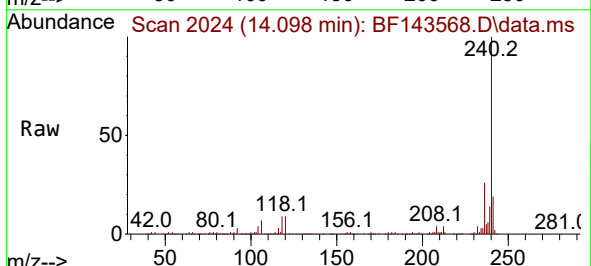
Tgt Ion:240 Resp: 244215

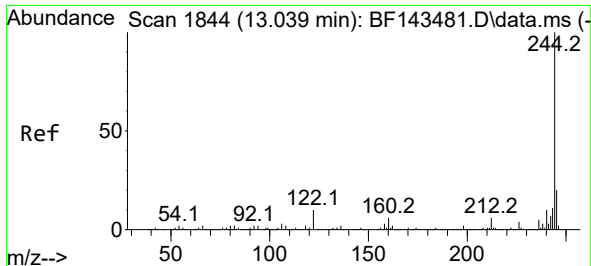
Ion Ratio Lower Upper

240 100

120 9.0 8.6 12.8

236 25.7 20.4 30.6

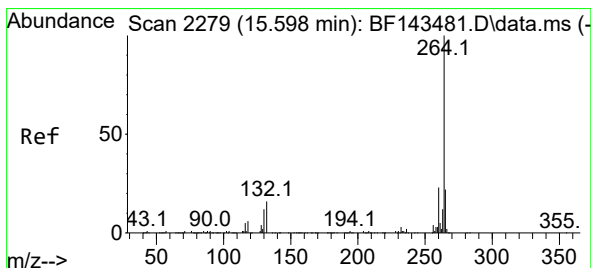
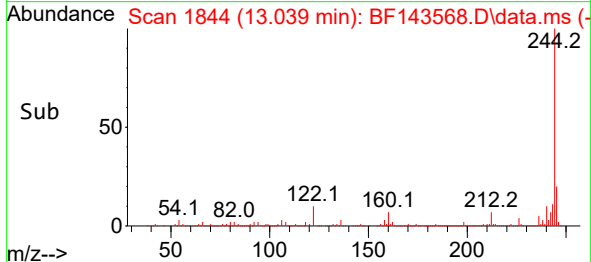
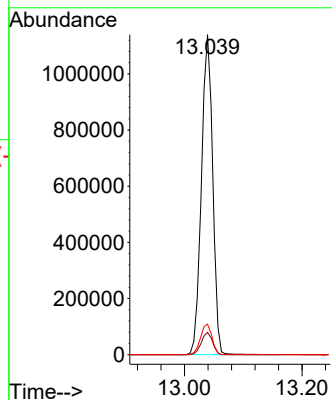
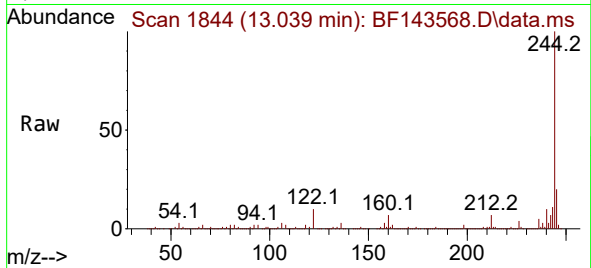




#79
 Terphenyl-d14
 Concen: 108.158 ng
 RT: 13.039 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: BF143568.D
 Acq: 22 Aug 2025 13:00

Instrument :
 BNA_F
 ClientSampleId :
 MW-6B-081925

Tgt Ion:244 Resp: 1513655
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.2 7.8
 122 9.6 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: BF143568.D
 Acq: 22 Aug 2025 13:00

Tgt Ion:264 Resp: 209082
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.5 17.6 26.4

