

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
 Data File : BF143581.D
 Acq On : 22 Aug 2025 19:21
 Operator : RC/JU
 Sample : Q2924-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10C-082025

Quant Time: Aug 25 02:39:30 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	104622	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	416287	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	252150	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	422746	20.000	ng	0.00
76) Chrysene-d12	14.092	240	233264	20.000	ng	-0.01
86) Perylene-d12	15.592	264	203920	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	353831	59.055	ng	0.00
7) Phenol-d6	6.557	99	283631	38.348	ng	-0.02
23) Nitrobenzene-d5	7.486	82	712100	99.822	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	354367	150.978	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1346585	88.260	ng	0.00
79) Terphenyl-d14	13.039	244	1358796	101.651	ng	0.00

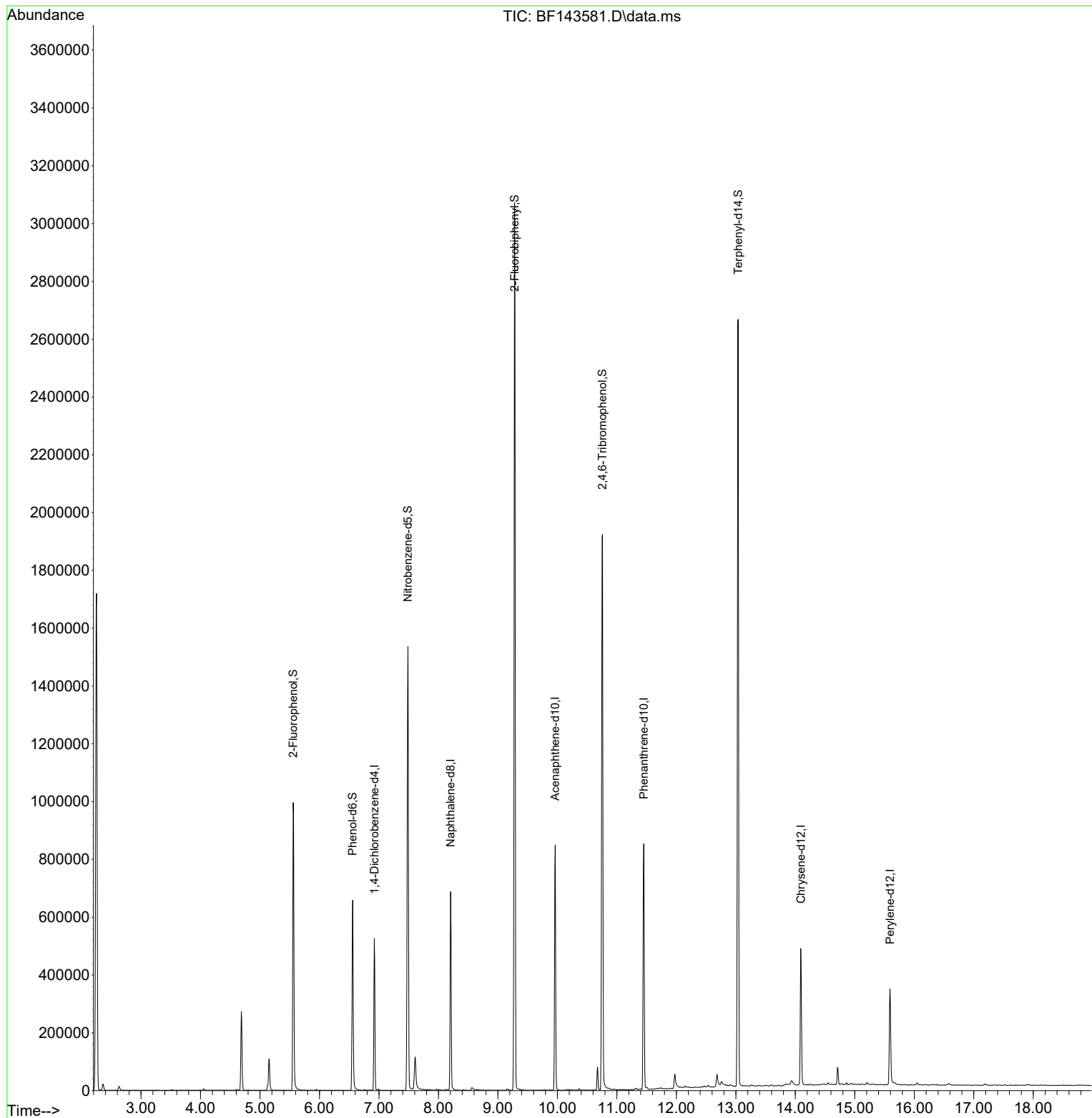
Target Compounds	Qvalue

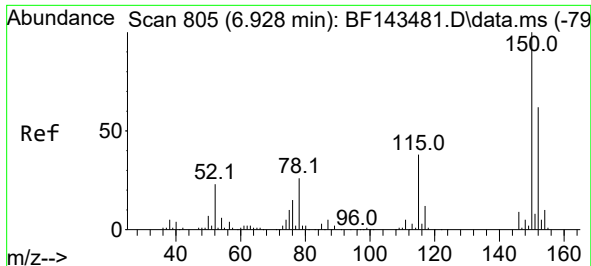
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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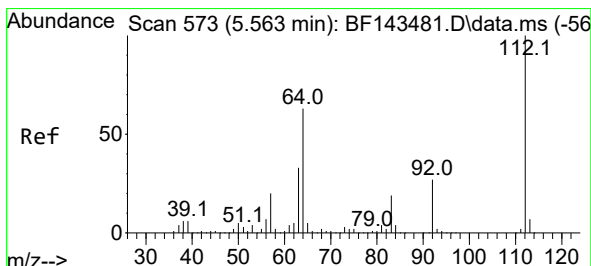
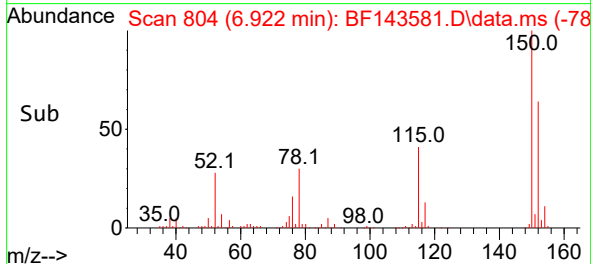
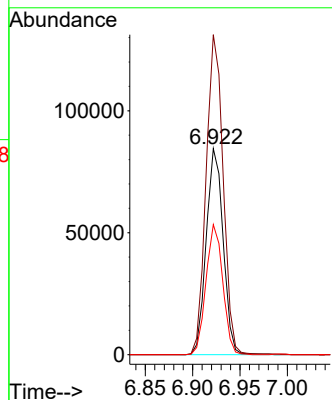
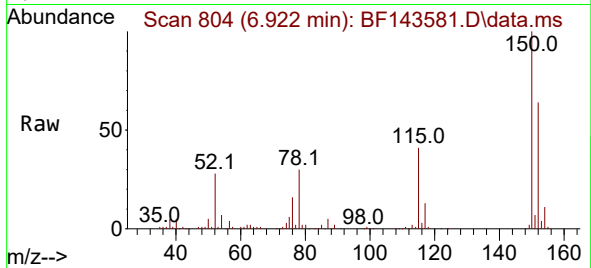




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF143581.D
Acq: 22 Aug 2025 19:21

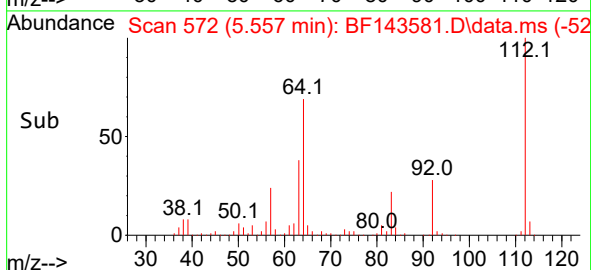
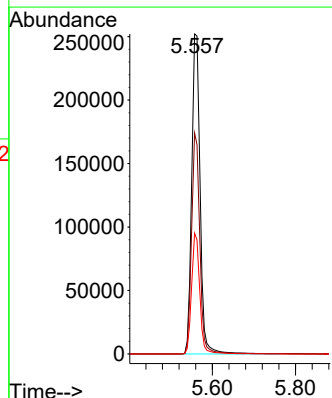
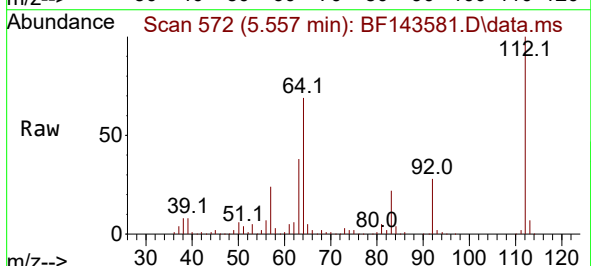
Instrument :
BNA_F
ClientSampleId :
MW-10C-082025

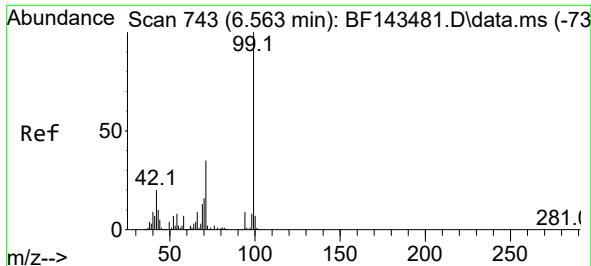
Tgt Ion:152 Resp: 104622
Ion Ratio Lower Upper
152 100
150 155.3 128.9 193.3
115 63.1 49.2 73.8



#5
2-Fluorophenol
Concen: 59.055 ng
RT: 5.557 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF143581.D
Acq: 22 Aug 2025 19:21

Tgt Ion:112 Resp: 353831
Ion Ratio Lower Upper
112 100
64 69.0 50.4 75.6
63 37.7 26.4 39.6

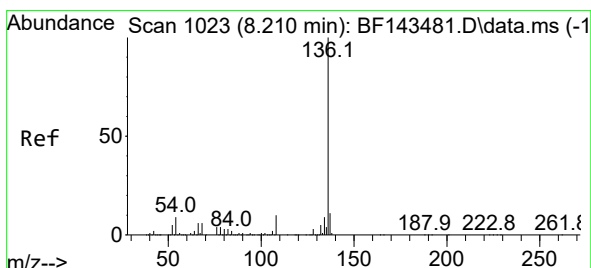
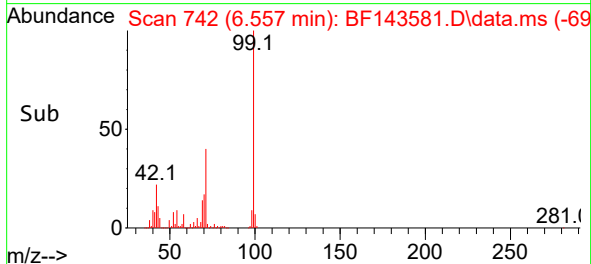
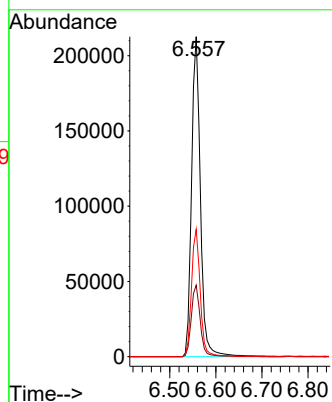
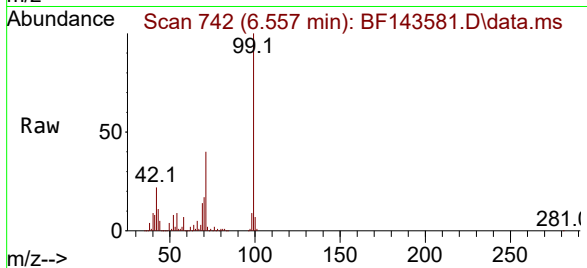




#7
Phenol-d6
Concen: 38.348 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF143581.D
Acq: 22 Aug 2025 19:21

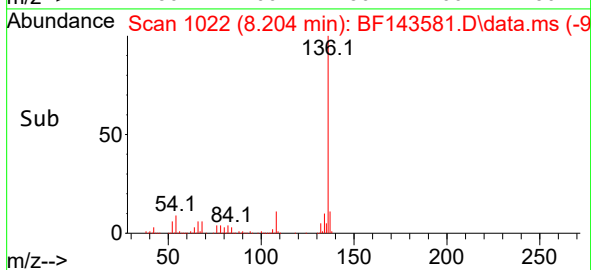
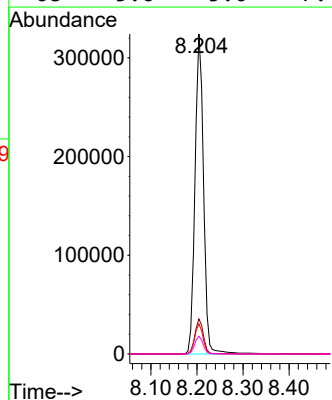
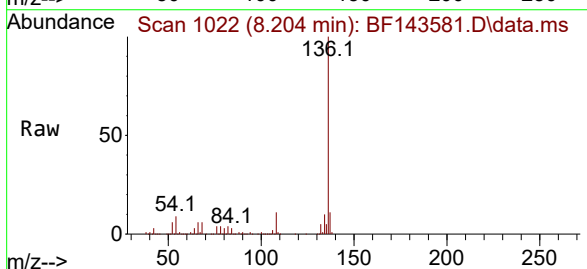
Instrument :
BNA_F
ClientSampleId :
MW-10C-082025

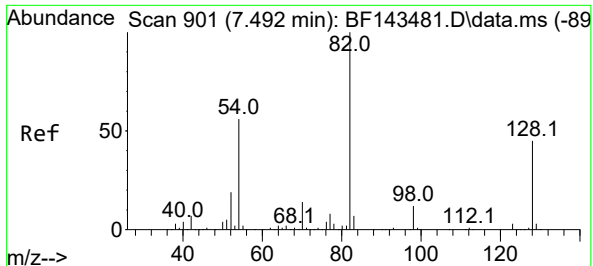
Tgt Ion: 99 Resp: 283631
Ion Ratio Lower Upper
99 100
42 22.3 16.3 24.5
71 39.8 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143581.D
Acq: 22 Aug 2025 19:21

Tgt Ion: 136 Resp: 416287
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.4 7.4 11.2
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 99.822 ng

RT: 7.486 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143581.D

Acq: 22 Aug 2025 19:21

Instrument :

BNA_F

ClientSampleId :

MW-10C-082025

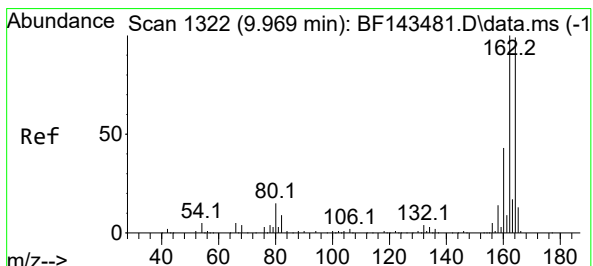
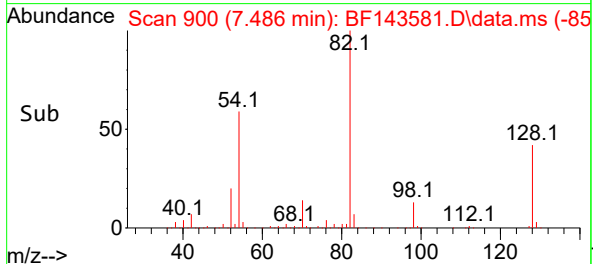
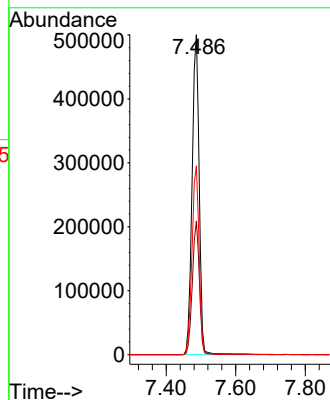
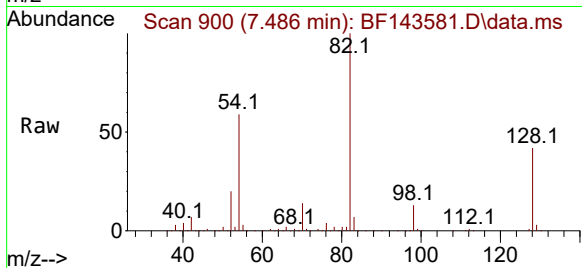
Tgt Ion: 82 Resp: 712100

Ion Ratio Lower Upper

82 100

128 41.7 35.5 53.3

54 59.0 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: BF143581.D

Acq: 22 Aug 2025 19:21

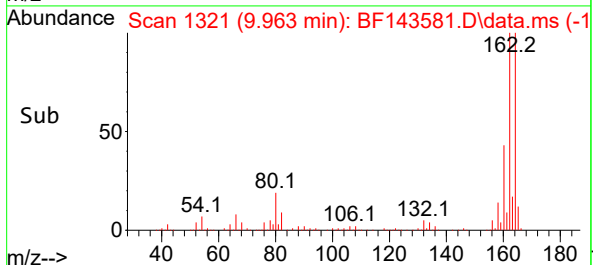
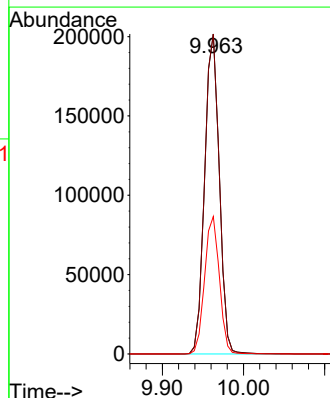
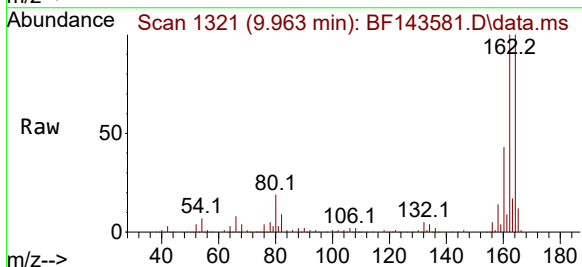
Tgt Ion:164 Resp: 252150

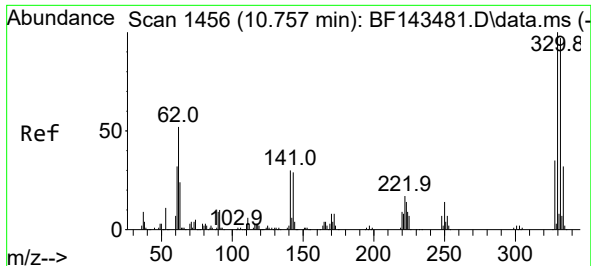
Ion Ratio Lower Upper

164 100

162 100.0 80.5 120.7

160 43.0 34.3 51.5

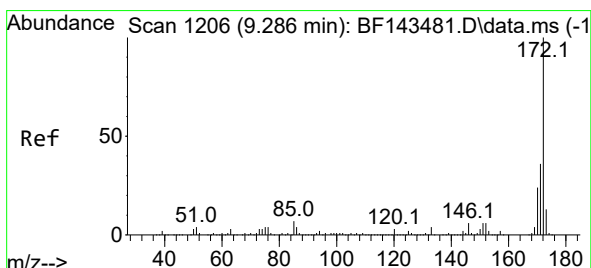
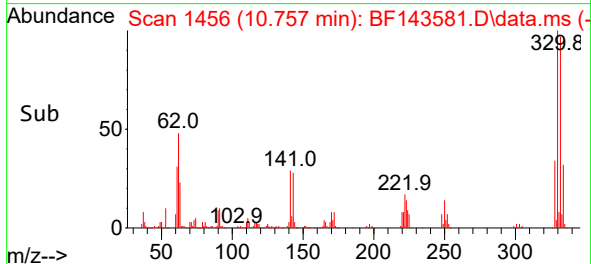
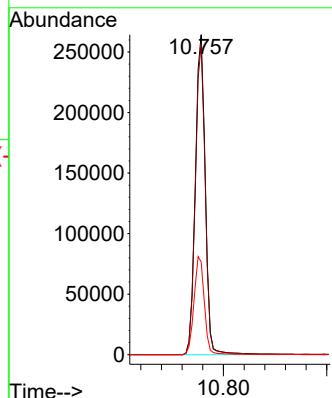
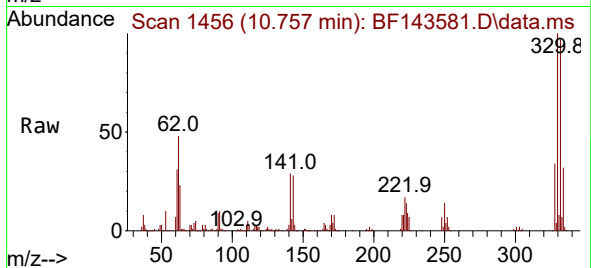




#42
 2,4,6-Tribromophenol
 Concen: 150.978 ng
 RT: 10.757 min Scan# 1456
 Delta R.T. -0.006 min
 Lab File: BF143581.D
 Acq: 22 Aug 2025 19:21

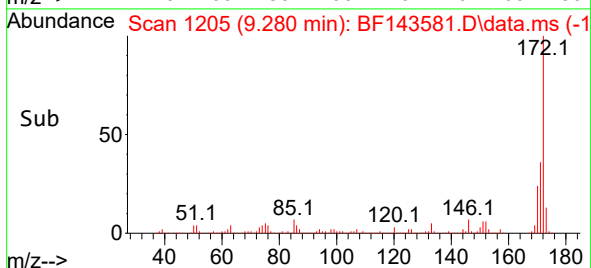
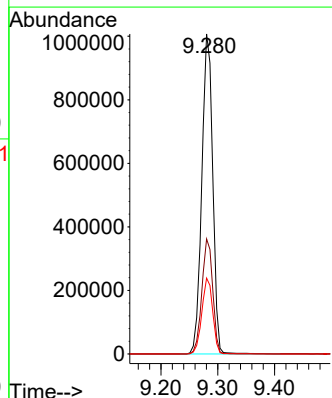
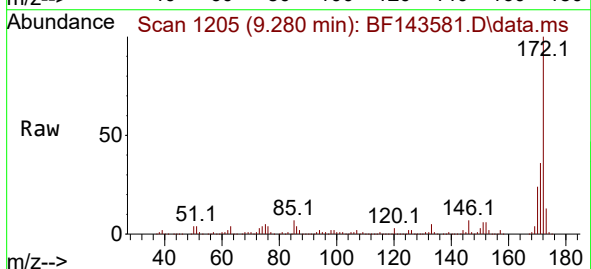
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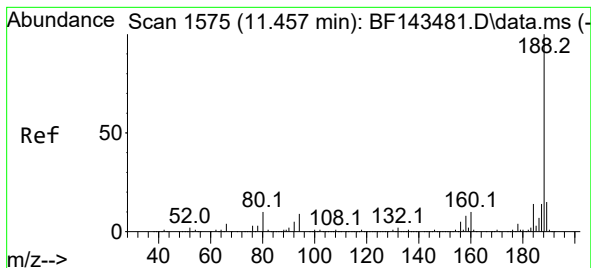
Tgt Ion: 330 Resp: 354367
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.0 117.0
 141 31.8 23.7 35.5



#45
 2-Fluorobiphenyl
 Concen: 88.260 ng
 RT: 9.280 min Scan# 1205
 Delta R.T. -0.006 min
 Lab File: BF143581.D
 Acq: 22 Aug 2025 19:21

Tgt Ion: 172 Resp: 1346585
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.8 43.2
 170 23.7 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: BF143581.D

Acq: 22 Aug 2025 19:21

Instrument :

BNA_F

ClientSampleId :

MW-10C-082025

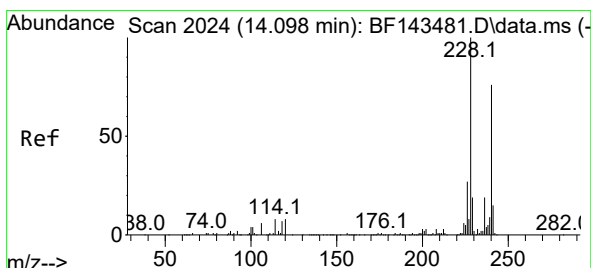
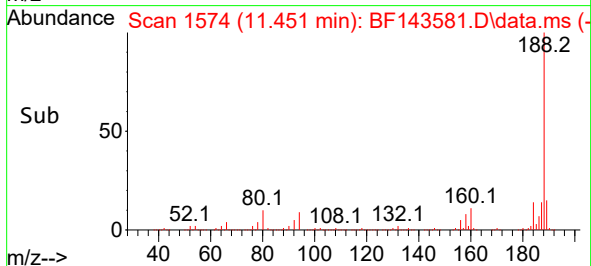
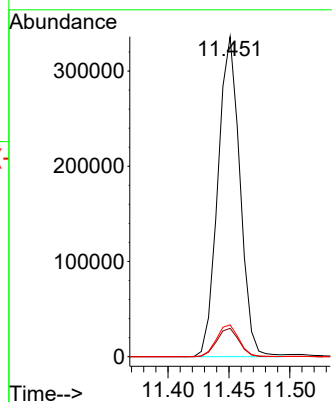
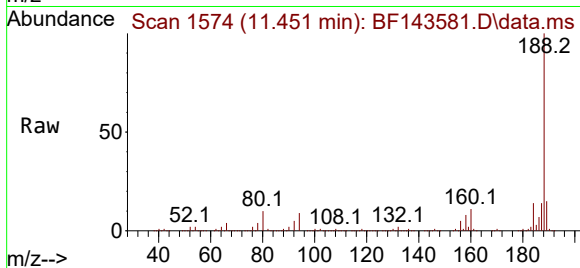
Tgt Ion:188 Resp: 422746

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

80 10.0 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 2023

Delta R.T. -0.012 min

Lab File: BF143581.D

Acq: 22 Aug 2025 19:21

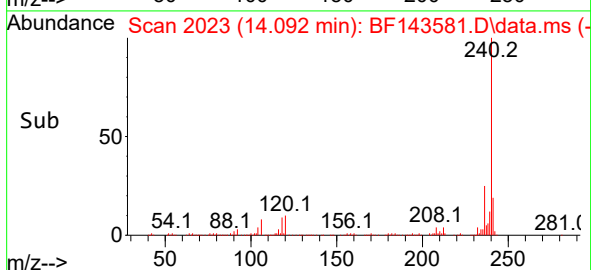
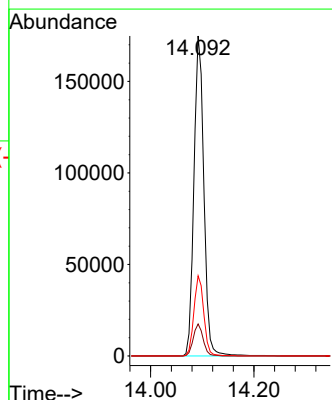
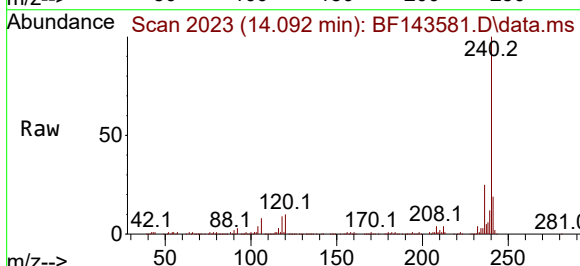
Tgt Ion:240 Resp: 233264

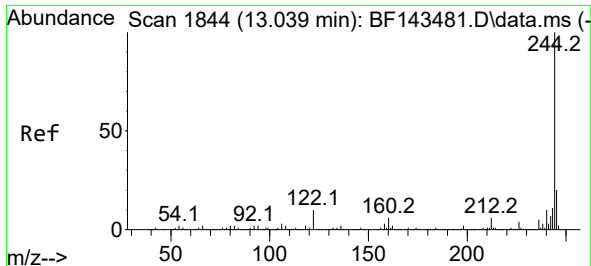
Ion Ratio Lower Upper

240 100

120 10.0 8.6 12.8

236 25.1 20.4 30.6

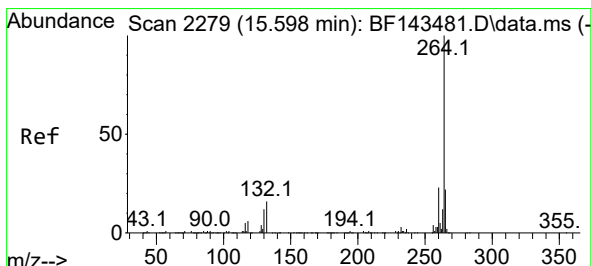
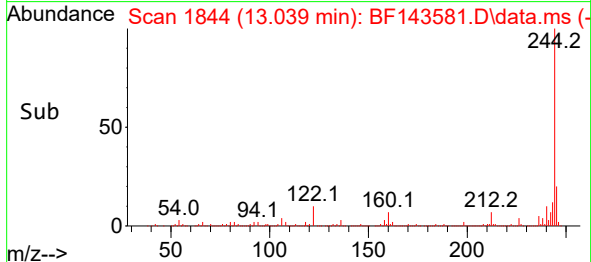
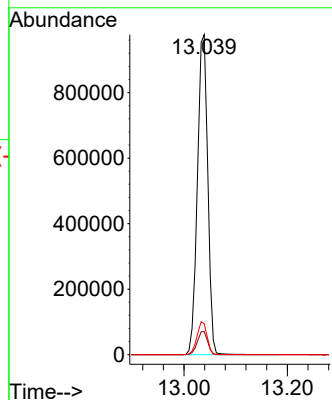
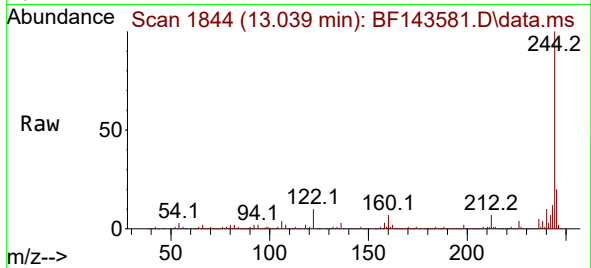




#79
 Terphenyl-d14
 Concen: 101.651 ng
 RT: 13.039 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF143581.D
 Acq: 22 Aug 2025 19:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-10C-082025

Tgt Ion:244 Resp: 1358796
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.2 7.8
 122 9.7 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: BF143581.D
 Acq: 22 Aug 2025 19:21

Tgt Ion:264 Resp: 203920
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.5 17.6 26.4

