

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
 Data File : BF143544.D
 Acq On : 21 Aug 2025 22:56
 Operator : RC/JU
 Sample : Q2903-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6A-081925

Quant Time: Aug 22 01:04:35 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	109153	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	398042	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	193695	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	252636	20.000	ng	0.00
76) Chrysene-d12	14.092	240	215519	20.000	ng	-0.01
86) Perylene-d12	15.592	264	240768	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	449698	71.940	ng	0.00
7) Phenol-d6	6.557	99	363363	47.089	ng	-0.02
23) Nitrobenzene-d5	7.486	82	680607	99.780	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	228062	126.489	ng	-0.01
45) 2-Fluorobiphenyl	9.280	172	1123805	95.887	ng	0.00
79) Terphenyl-d14	13.033	244	835209	67.626	ng	0.00

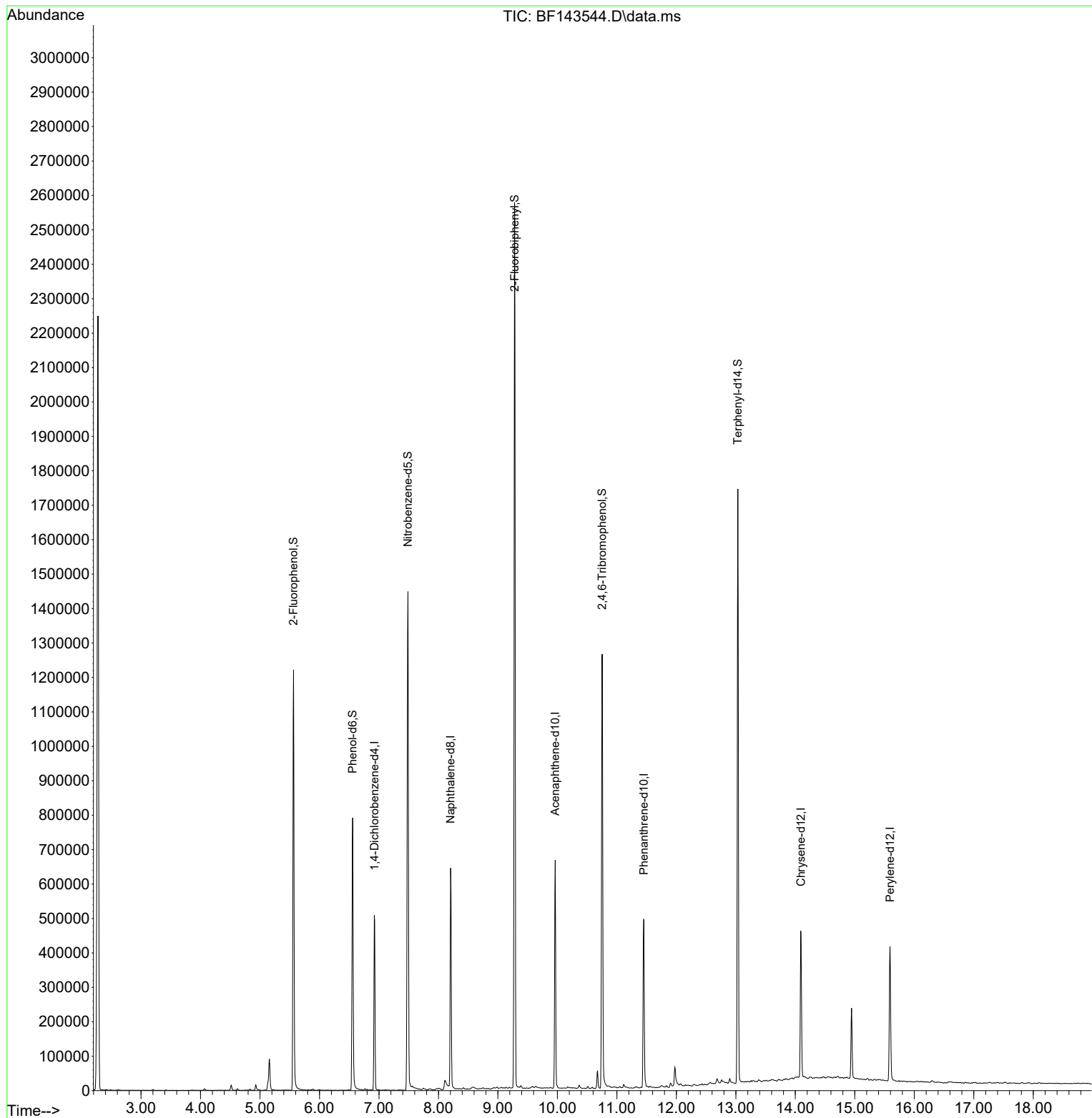
Target Compounds	Qvalue

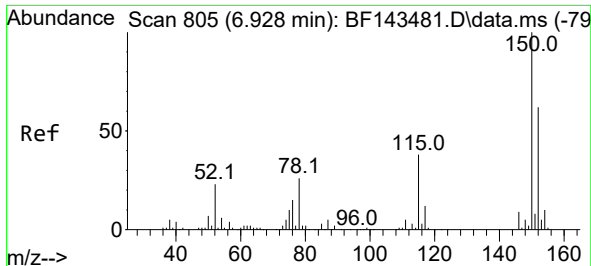
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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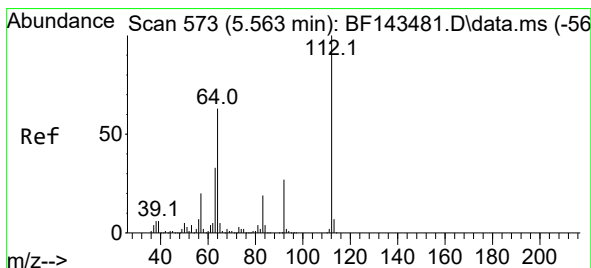
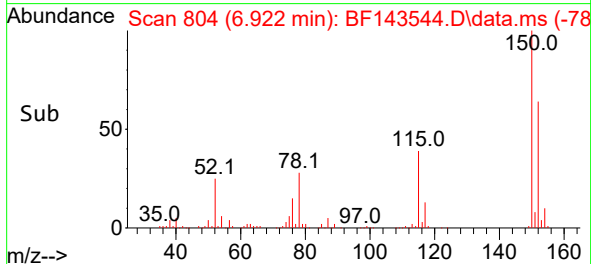
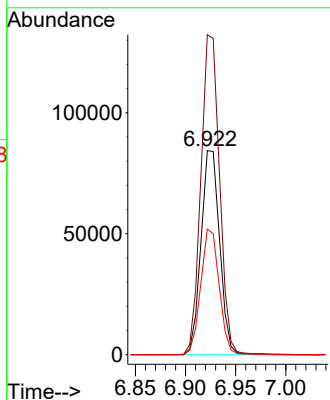
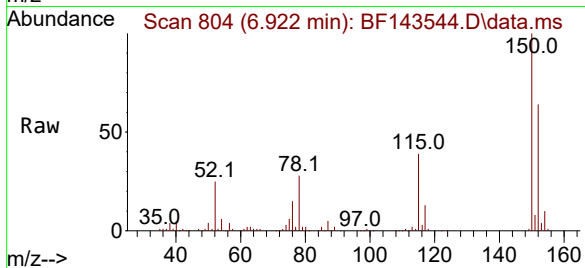




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 805
 Delta R.T. -0.006 min
 Lab File: BF143544.D
 Acq: 21 Aug 2025 22:56

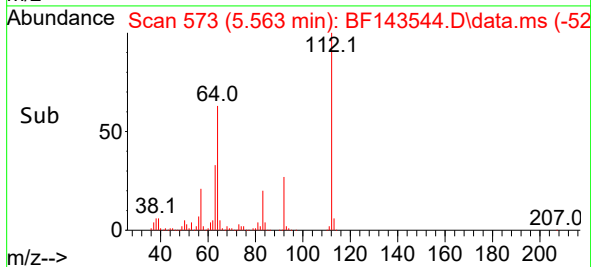
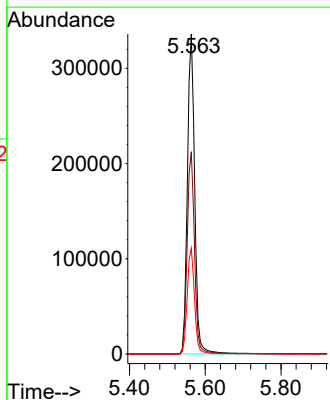
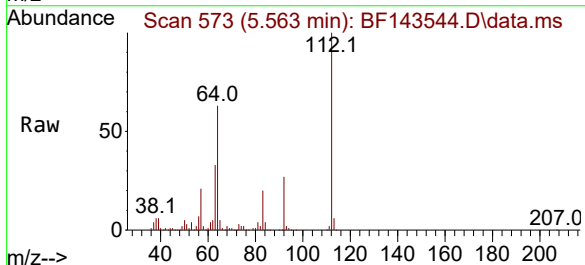
Instrument :
 BNA_F
 ClientSampleId :
 MW-6A-081925

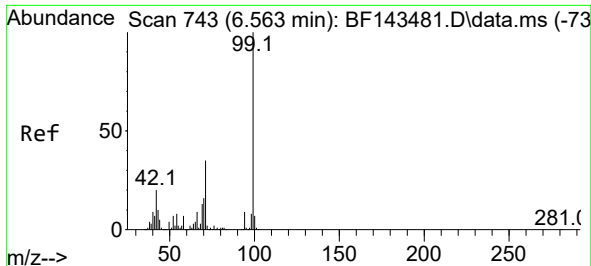
Tgt Ion:152 Resp: 109153
 Ion Ratio Lower Upper
 152 100
 150 156.8 128.9 193.3
 115 61.5 49.2 73.8



#5
 2-Fluorophenol
 Concen: 71.940 ng
 RT: 5.563 min Scan# 573
 Delta R.T. -0.000 min
 Lab File: BF143544.D
 Acq: 21 Aug 2025 22:56

Tgt Ion:112 Resp: 449698
 Ion Ratio Lower Upper
 112 100
 64 63.2 50.4 75.6
 63 33.0 26.4 39.6

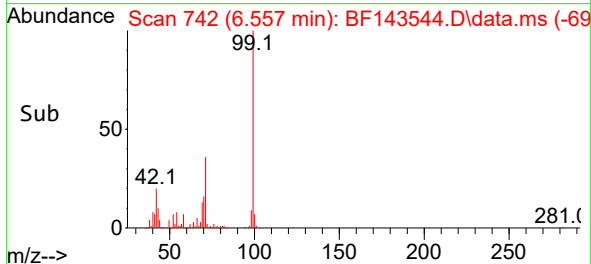
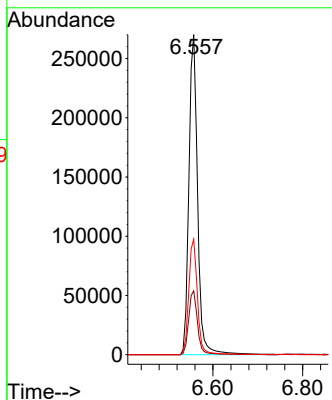
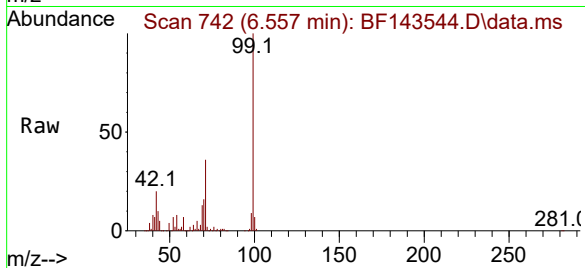




#7
Phenol-d6
Concen: 47.089 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF143544.D
Acq: 21 Aug 2025 22:56

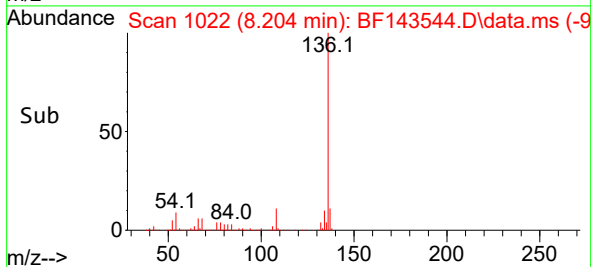
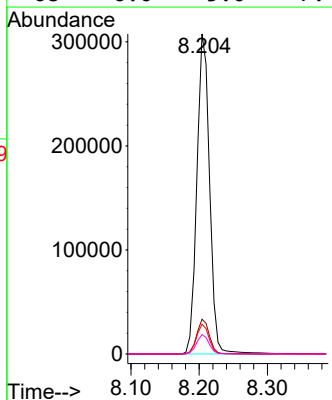
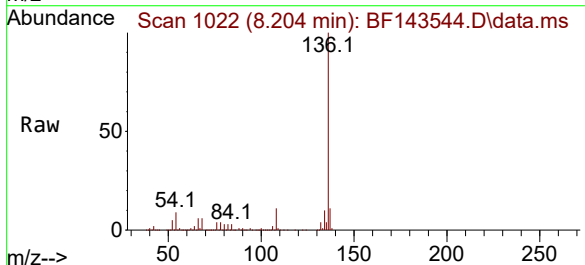
Instrument :
BNA_F
ClientSampleId :
MW-6A-081925

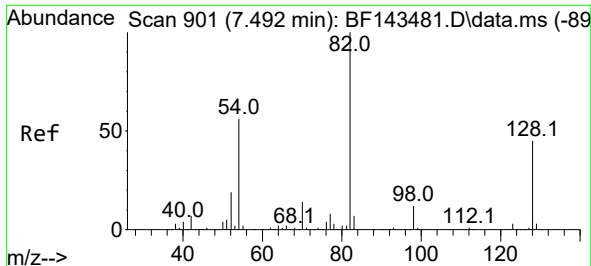
Tgt Ion: 99 Resp: 363363
Ion Ratio Lower Upper
99 100
42 20.0 16.3 24.5
71 36.1 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143544.D
Acq: 21 Aug 2025 22:56

Tgt Ion: 136 Resp: 398042
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 9.3 7.4 11.2
68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 99.780 ng

RT: 7.486 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143544.D

Acq: 21 Aug 2025 22:56

Instrument :

BNA_F

ClientSampleId :

MW-6A-081925

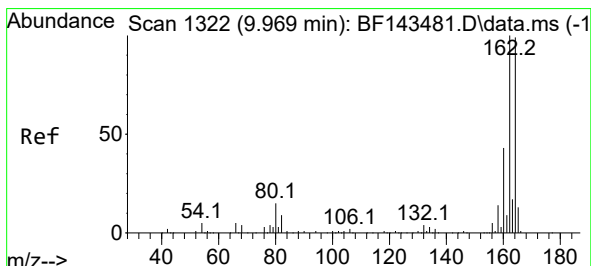
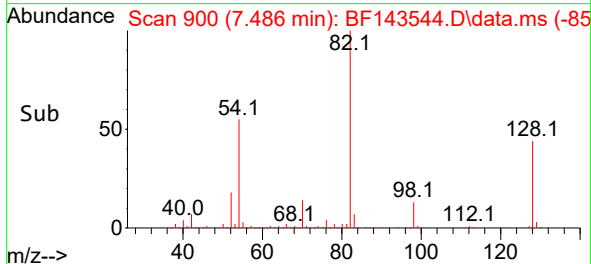
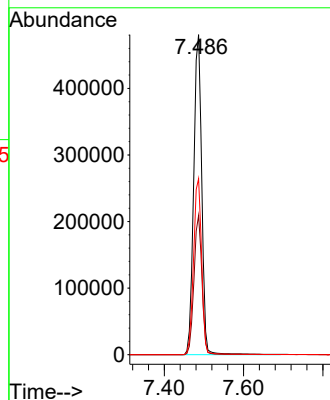
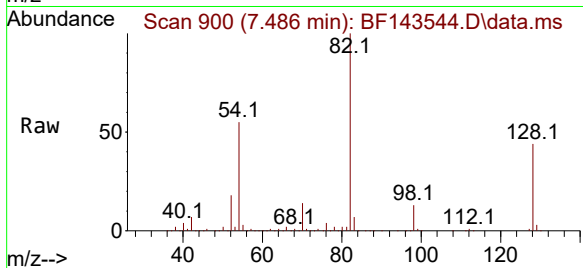
Tgt Ion: 82 Resp: 680607

Ion Ratio Lower Upper

82 100

128 43.5 35.5 53.3

54 55.0 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: BF143544.D

Acq: 21 Aug 2025 22:56

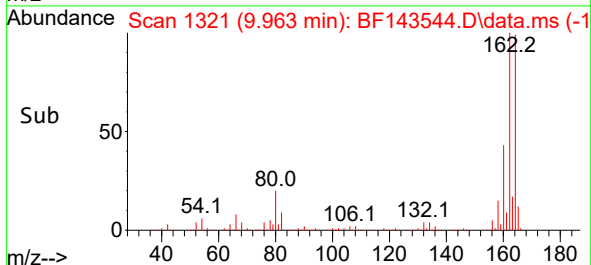
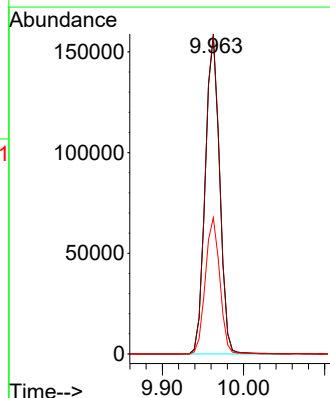
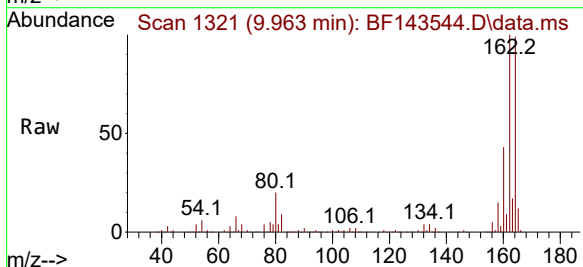
Tgt Ion:164 Resp: 193695

Ion Ratio Lower Upper

164 100

162 100.7 80.5 120.7

160 42.8 34.3 51.5





#42

2,4,6-Tribromophenol

Concen: 126.489 ng

RT: 10.751 min Scan# 1456

Delta R.T. -0.012 min

Lab File: BF143544.D

Acq: 21 Aug 2025 22:56

Instrument :

BNA_F

ClientSampleId :

MW-6A-081925

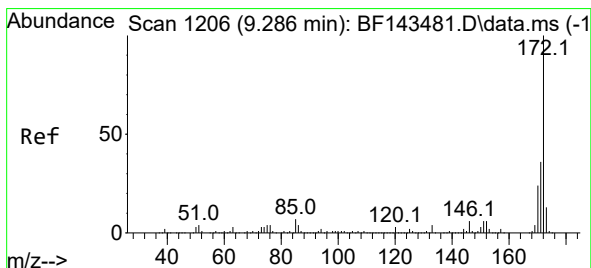
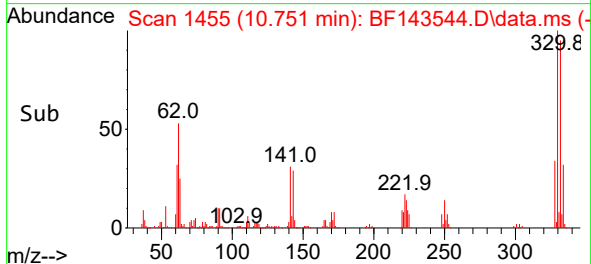
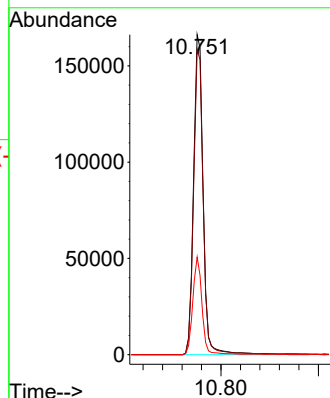
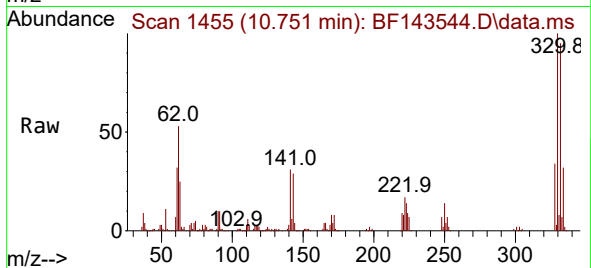
Tgt Ion:330 Resp: 228062

Ion Ratio Lower Upper

330 100

332 96.2 78.0 117.0

141 29.3 23.7 35.5



#45

2-Fluorobiphenyl

Concen: 95.887 ng

RT: 9.280 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF143544.D

Acq: 21 Aug 2025 22:56

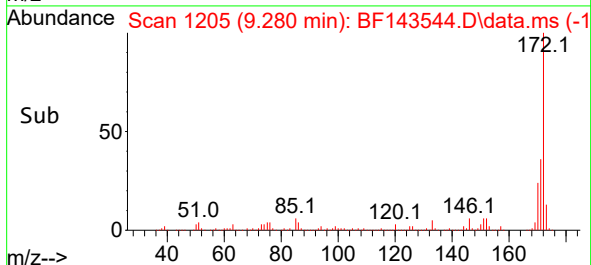
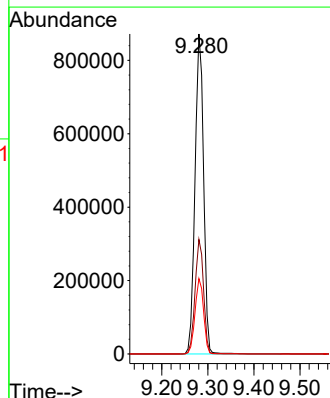
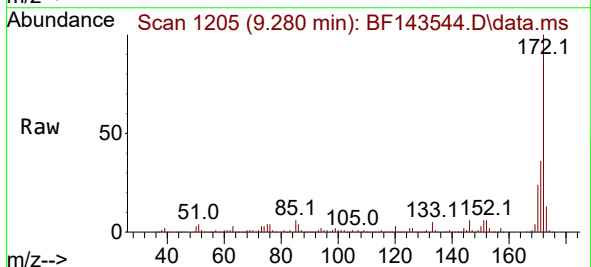
Tgt Ion:172 Resp: 1123805

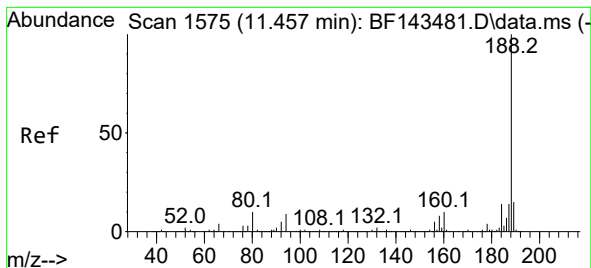
Ion Ratio Lower Upper

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: BF143544.D

Acq: 21 Aug 2025 22:56

Instrument :

BNA_F

ClientSampleId :

MW-6A-081925

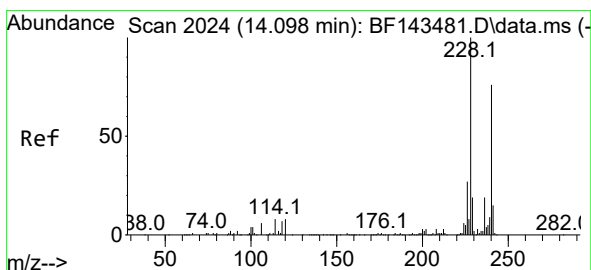
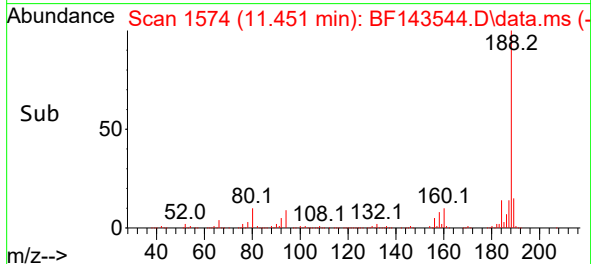
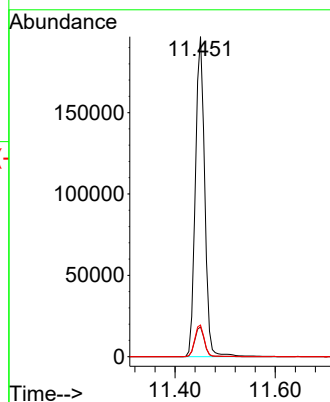
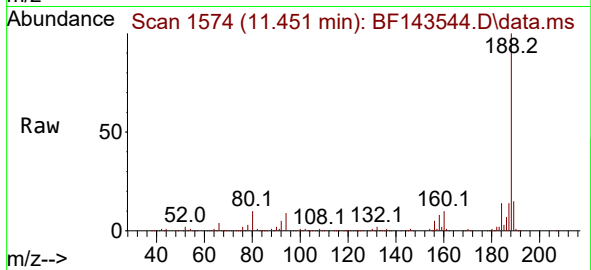
Tgt Ion:188 Resp: 252636

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 9.9 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: BF143544.D

Acq: 21 Aug 2025 22:56

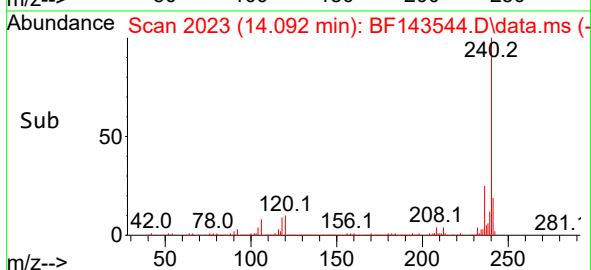
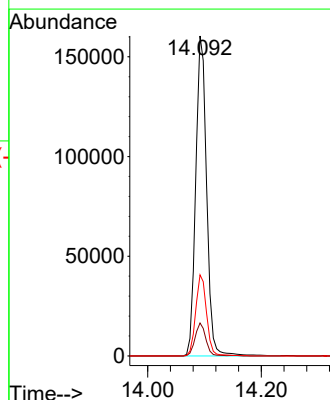
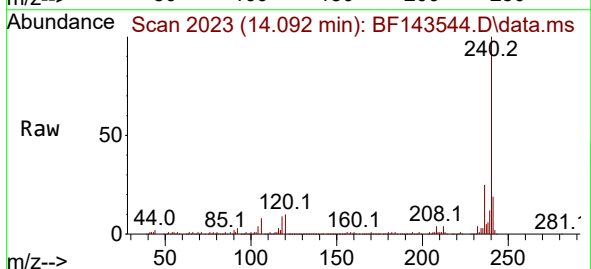
Tgt Ion:240 Resp: 215519

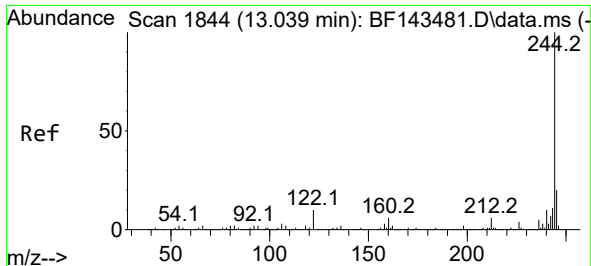
Ion Ratio Lower Upper

240 100

120 10.3 8.6 12.8

236 25.4 20.4 30.6

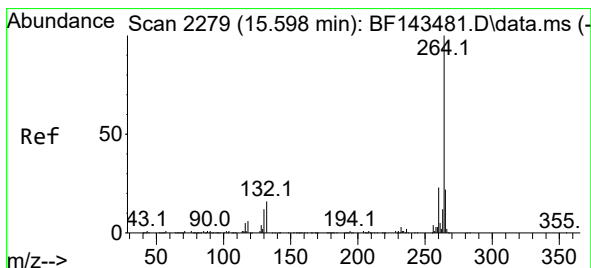
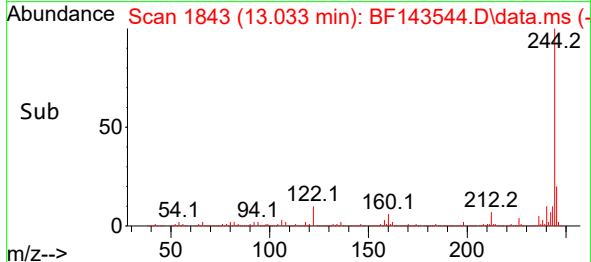
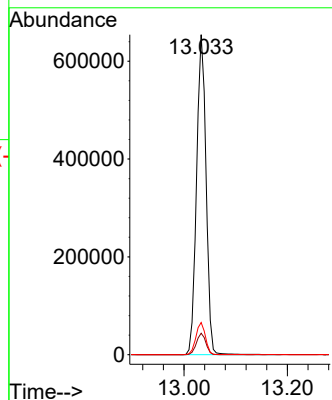
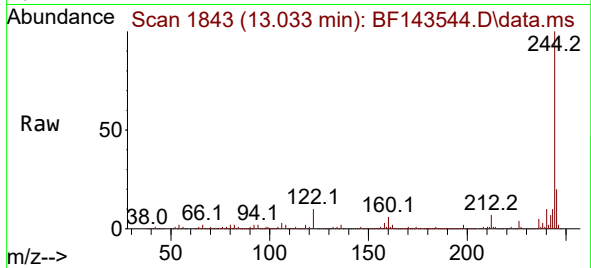




#79
 Terphenyl-d14
 Concen: 67.626 ng
 RT: 13.033 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF143544.D
 Acq: 21 Aug 2025 22:56

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 835209
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.2 7.8
 122 10.0 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: BF143544.D
 Acq: 21 Aug 2025 22:56

Tgt Ion:264 Resp: 240768
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 20.8 17.6 26.4

