

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
 Data File : BF143553.D
 Acq On : 22 Aug 2025 03:18
 Operator : RC/JU
 Sample : Q2903-10
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-17A-081925

Quant Time: Aug 22 04:13:22 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	103594	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	378615	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	187383	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	242643	20.000	ng	0.00
76) Chrysene-d12	14.092	240	203825	20.000	ng	-0.01
86) Perylene-d12	15.592	264	220920	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	377431	63.619	ng	0.00
7) Phenol-d6	6.557	99	296842	40.532	ng	-0.02
23) Nitrobenzene-d5	7.486	82	648584	99.964	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	198809	113.979	ng	-0.01
45) 2-Fluorobiphenyl	9.280	172	1061438	93.616	ng	0.00
79) Terphenyl-d14	13.033	244	721435	61.765	ng	0.00

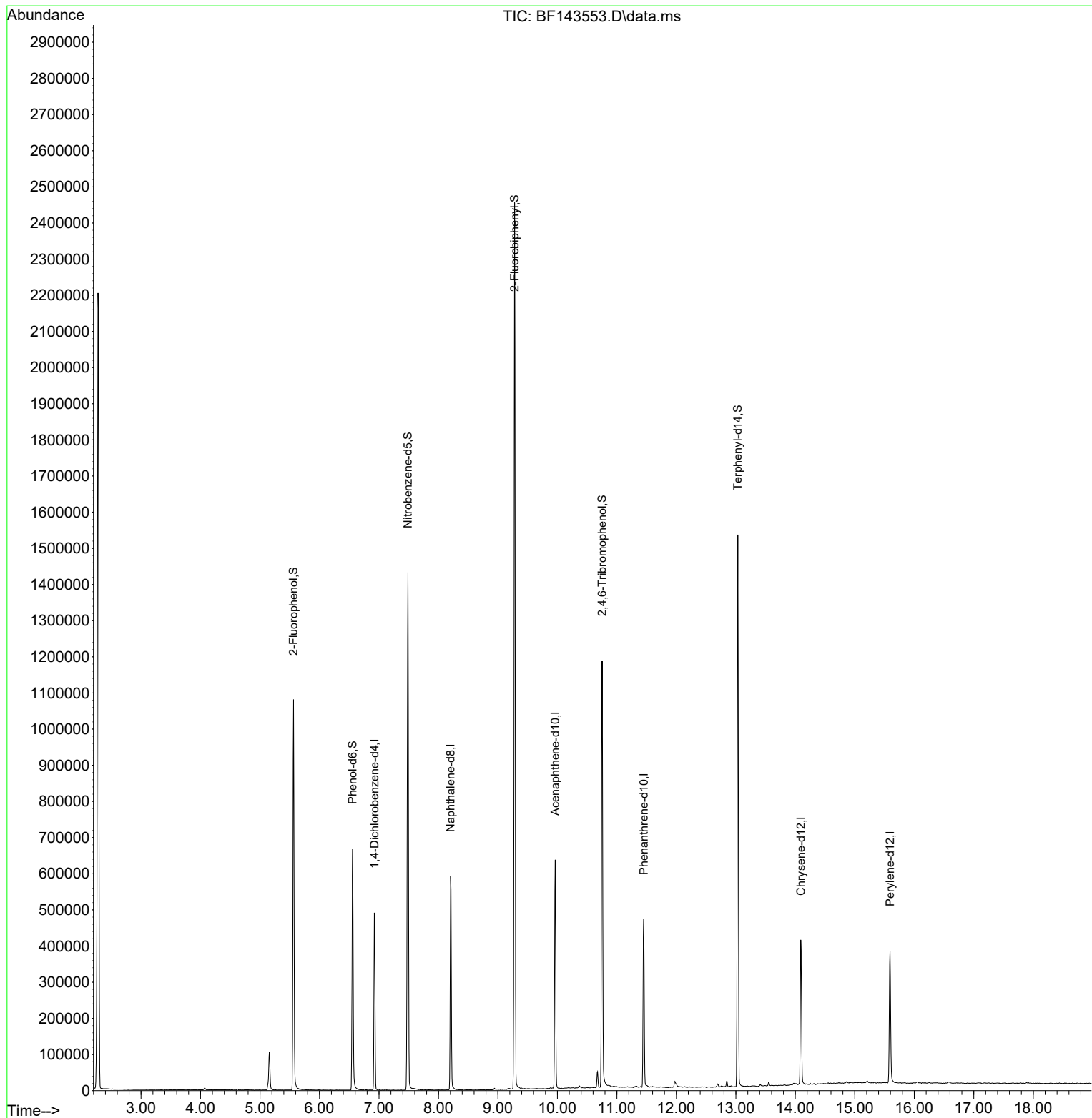
Target Compounds	Qvalue

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

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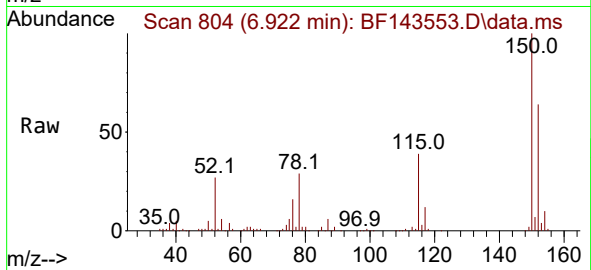
Quant Time: Aug 22 04:13:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
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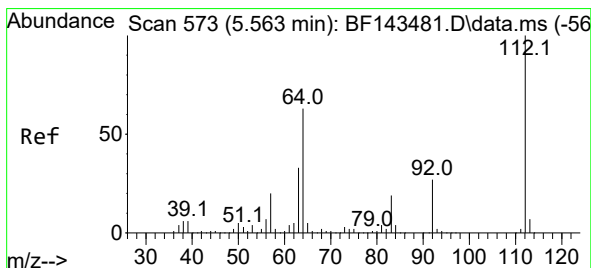
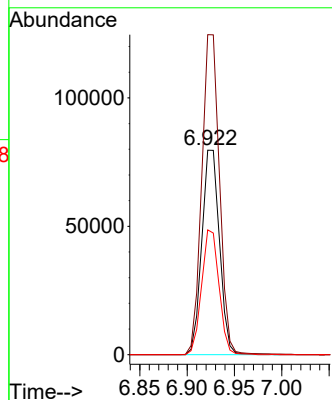
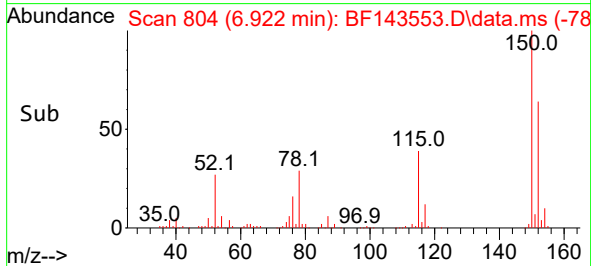


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF143553.D
Acq: 22 Aug 2025 03:18

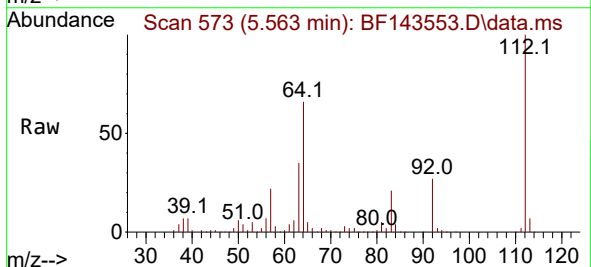
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BNA_F
ClientSampleId :
MW-17A-081925



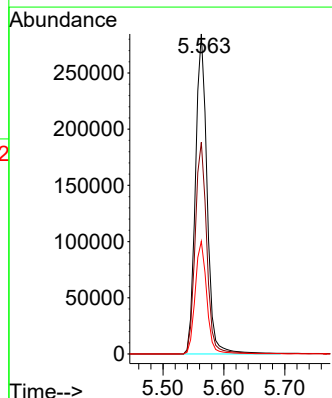
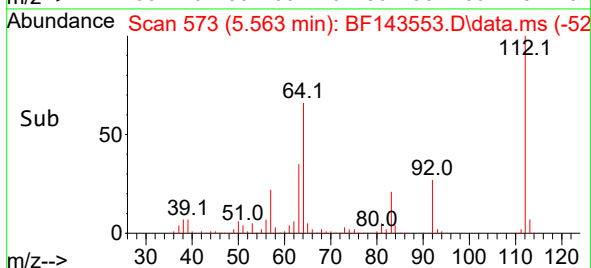
Tgt Ion:152 Resp: 103594
Ion Ratio Lower Upper
152 100
150 156.5 128.9 193.3
115 61.1 49.2 73.8

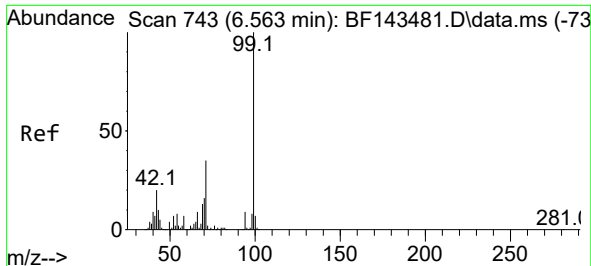


#5
2-Fluorophenol
Concen: 63.619 ng
RT: 5.563 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF143553.D
Acq: 22 Aug 2025 03:18



Tgt Ion:112 Resp: 377431
Ion Ratio Lower Upper
112 100
64 66.1 50.4 75.6
63 35.2 26.4 39.6

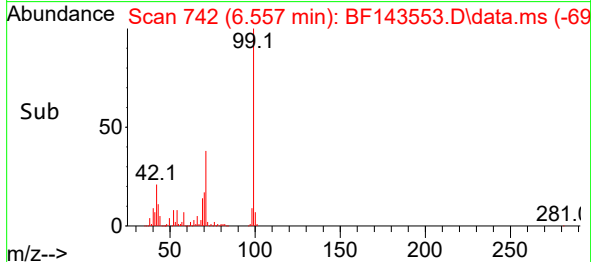
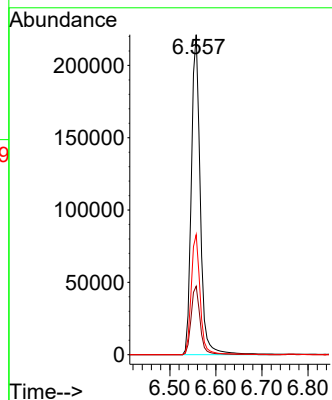
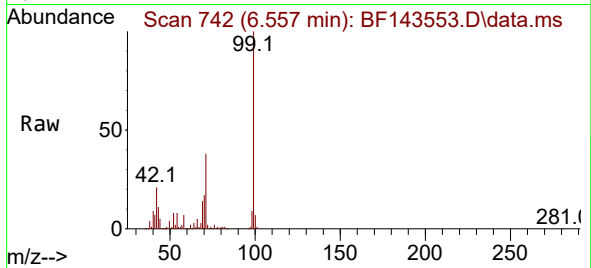




#7
Phenol-d6
Concen: 40.532 ng
RT: 6.557 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF143553.D
Acq: 22 Aug 2025 03:18

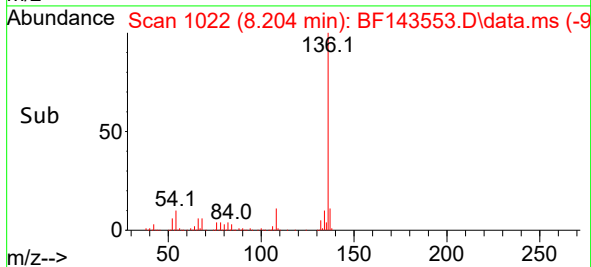
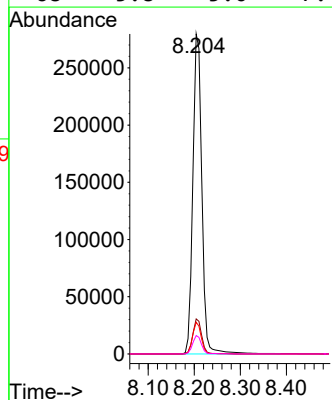
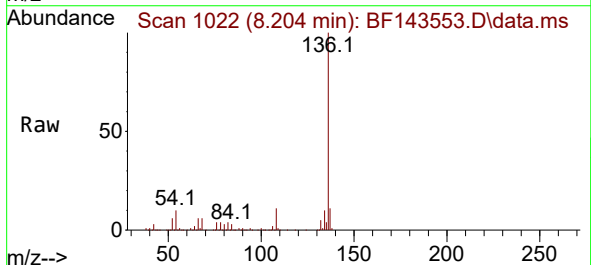
Instrument :
BNA_F
ClientSampleId :
MW-17A-081925

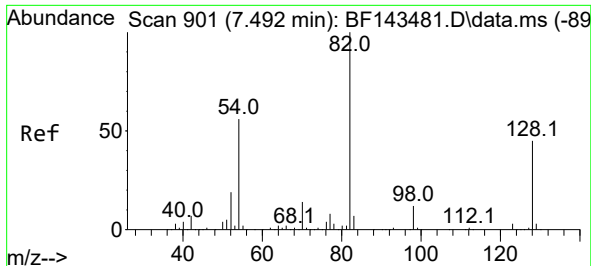
Tgt Ion: 99 Resp: 296842
Ion Ratio Lower Upper
99 100
42 21.4 16.3 24.5
71 37.5 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143553.D
Acq: 22 Aug 2025 03:18

Tgt Ion: 136 Resp: 378615
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 9.9 7.4 11.2
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 99.964 ng

RT: 7.486 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143553.D

Acq: 22 Aug 2025 03:18

Instrument :

BNA_F

ClientSampleId :

MW-17A-081925

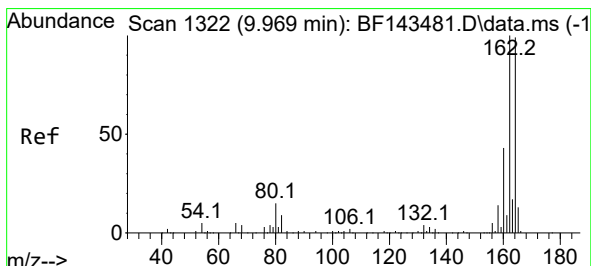
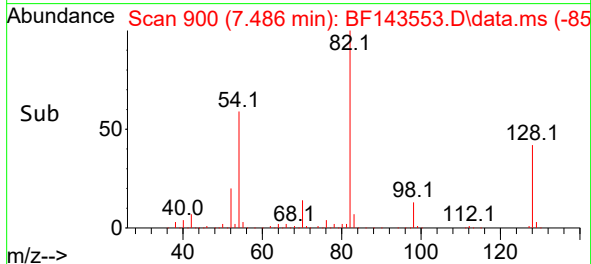
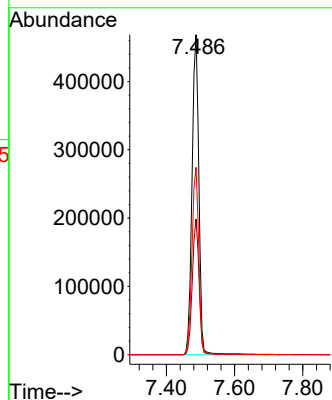
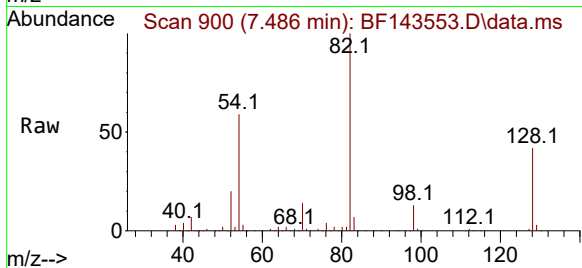
Tgt Ion: 82 Resp: 648584

Ion Ratio Lower Upper

82 100

128 42.4 35.5 53.3

54 58.6 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: BF143553.D

Acq: 22 Aug 2025 03:18

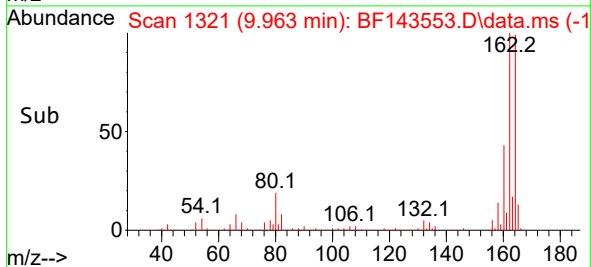
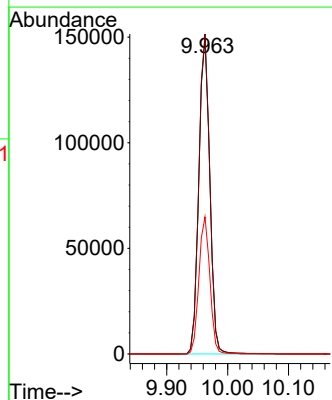
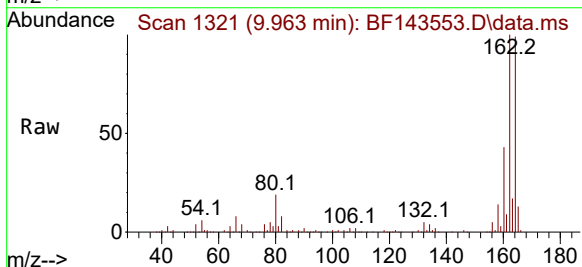
Tgt Ion:164 Resp: 187383

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: 113.979 ng

RT: 10.751 min Scan# 1456

Delta R.T. -0.012 min

Lab File: BF143553.D

Acq: 22 Aug 2025 03:18

Instrument :

BNA_F

ClientSampleId :

MW-17A-081925

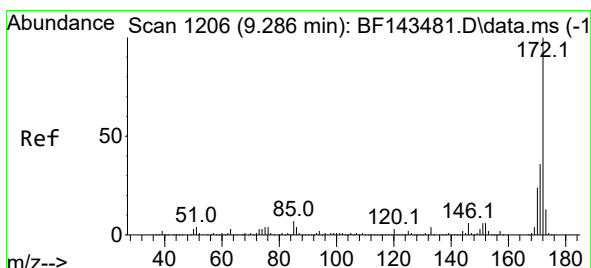
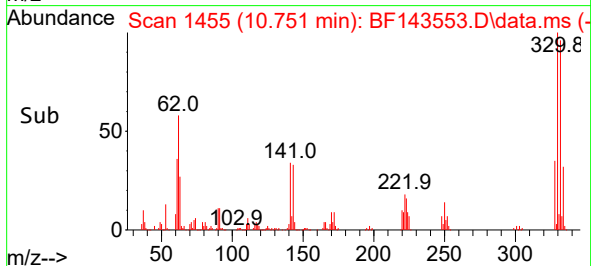
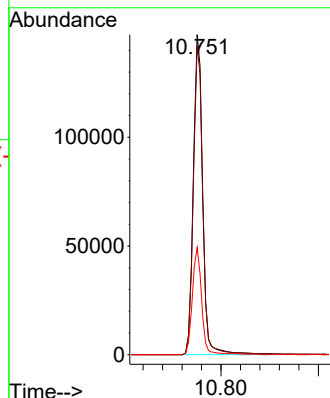
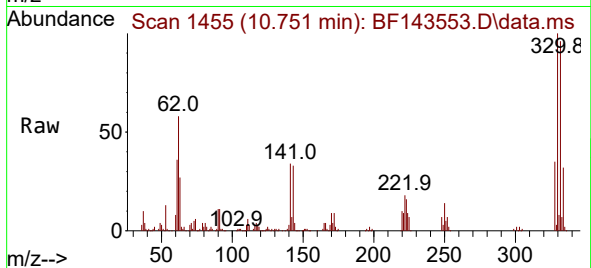
Tgt Ion:330 Resp: 198809

Ion Ratio Lower Upper

330 100

332 96.5 78.0 117.0

141 33.2 23.7 35.5



#45

2-Fluorobiphenyl

Concen: 93.616 ng

RT: 9.280 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF143553.D

Acq: 22 Aug 2025 03:18

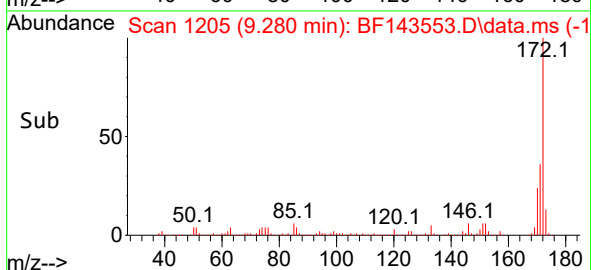
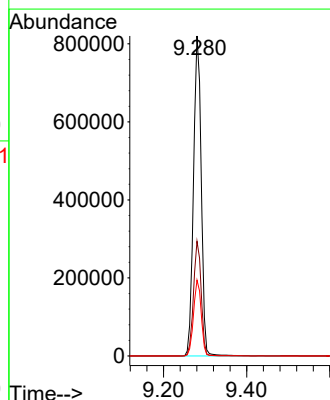
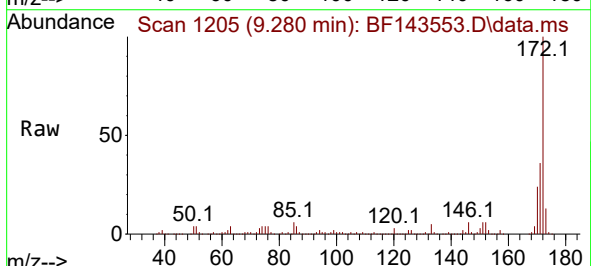
Tgt Ion:172 Resp: 1061438

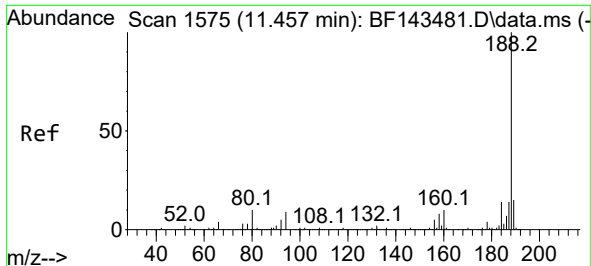
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.7 18.8 28.2

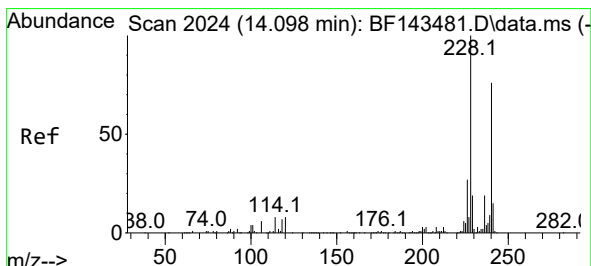
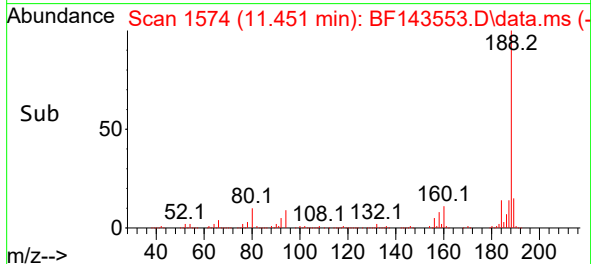
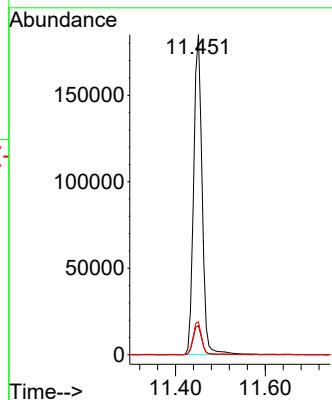
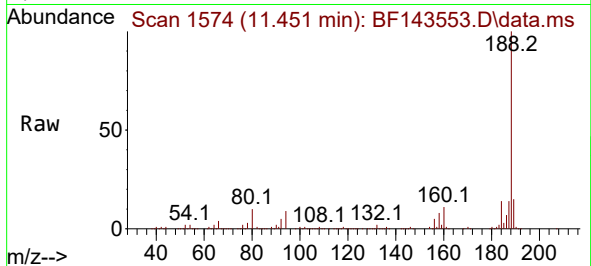




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143553.D
Acq: 22 Aug 2025 03:18

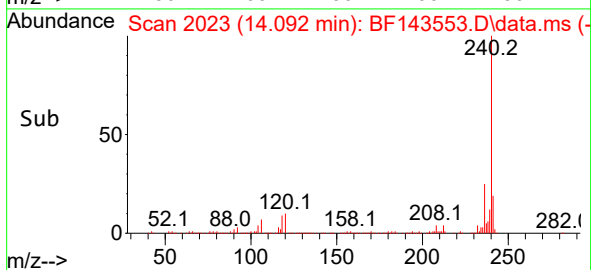
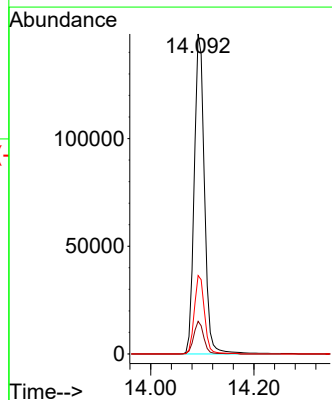
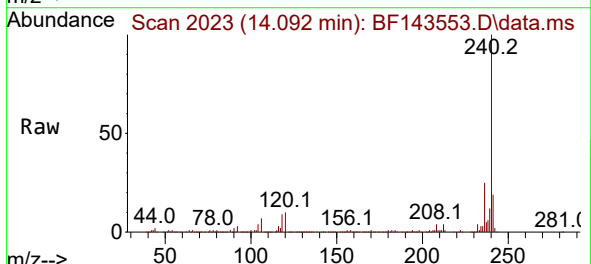
Instrument :
BNA_F
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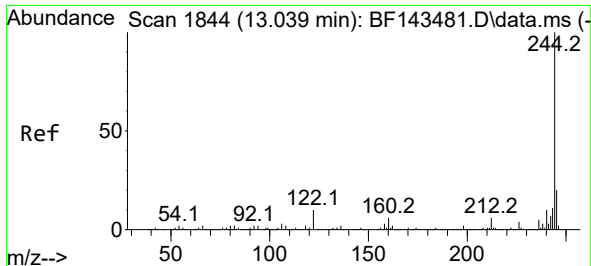
Tgt Ion:188 Resp: 242643
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 10.3 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF143553.D
Acq: 22 Aug 2025 03:18

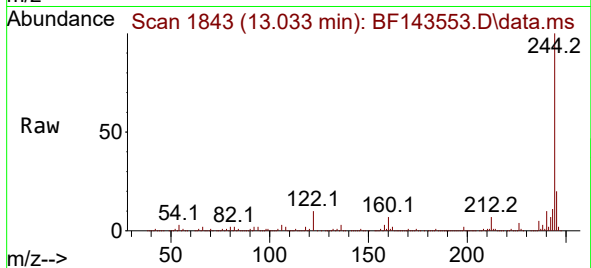
Tgt Ion:240 Resp: 203825
Ion Ratio Lower Upper
240 100
120 10.2 8.6 12.8
236 24.5 20.4 30.6



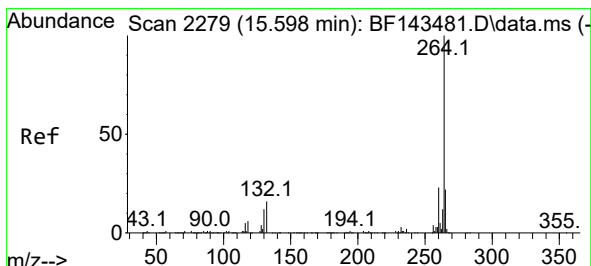
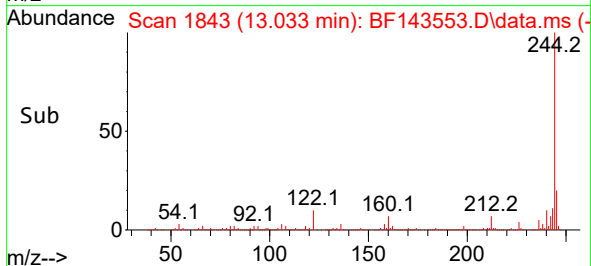
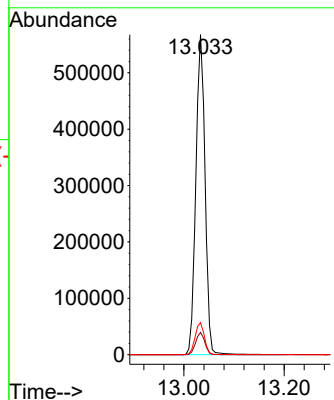


#79
 Terphenyl-d14
 Concen: 61.765 ng
 RT: 13.033 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF143553.D
 Acq: 22 Aug 2025 03:18

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 721435
 Ion Ratio Lower Upper
 244 100
 212 6.9 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: BF143553.D
 Acq: 22 Aug 2025 03:18

Tgt Ion:264 Resp: 220920
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 20.9 17.6 26.4

