

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
 Data File : BF143575.D
 Acq On : 22 Aug 2025 16:24
 Operator : RC/JU
 Sample : Q2903-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-17A-081925

Quant Time: Aug 22 16:58:52 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	91723	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	366130	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	214850	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	364260	20.000	ng	0.00
76) Chrysene-d12	14.092	240	199085	20.000	ng	-0.01
86) Perylene-d12	15.592	264	192075	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	342952	65.289	ng	0.00
7) Phenol-d6	6.557	99	273706	42.210	ng	-0.02
23) Nitrobenzene-d5	7.487	82	635718	101.322	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	292218	146.114	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1123398	86.414	ng	0.00
79) Terphenyl-d14	13.033	244	1102057	96.599	ng	0.00

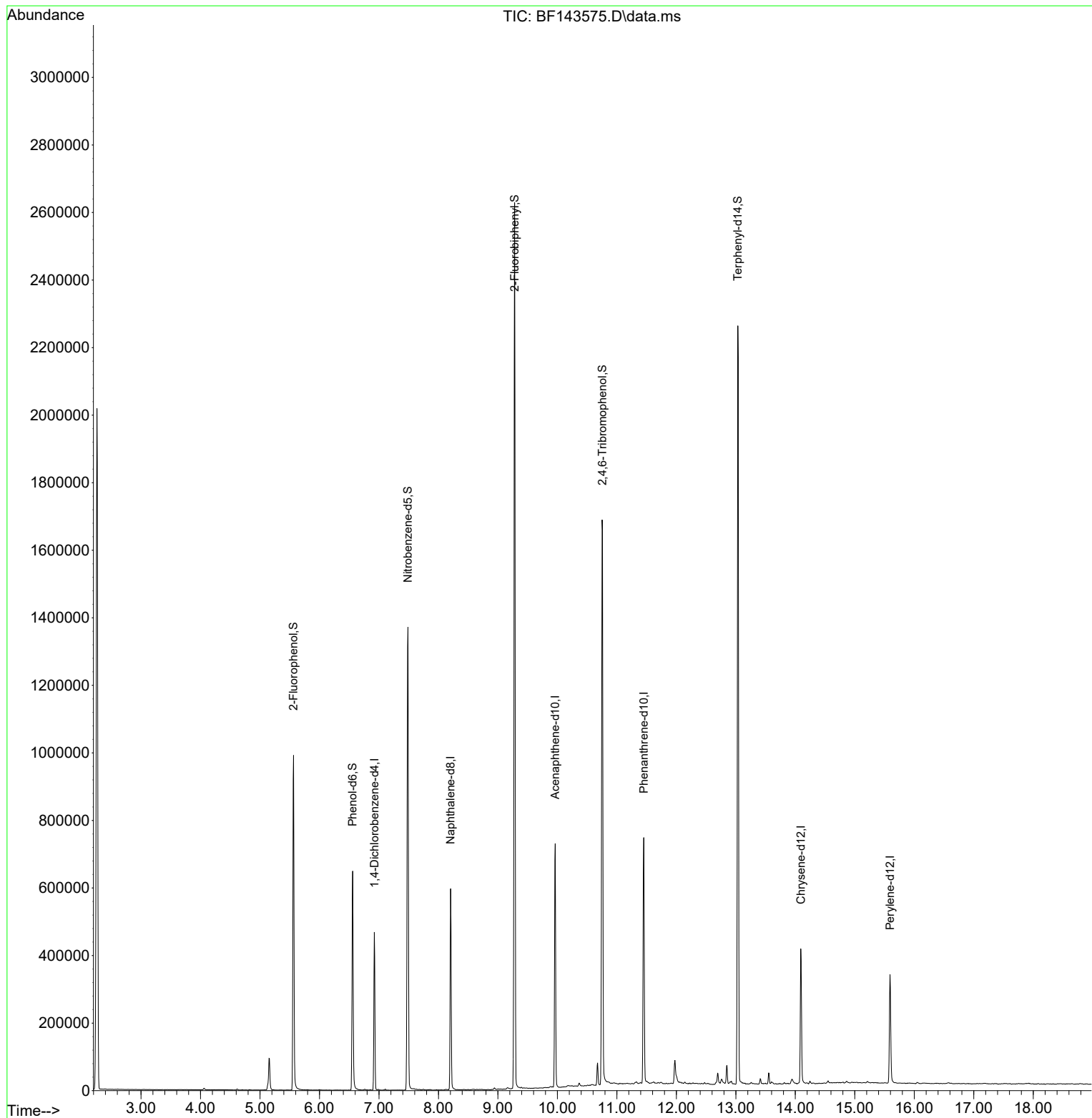
Target Compounds	Qvalue

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

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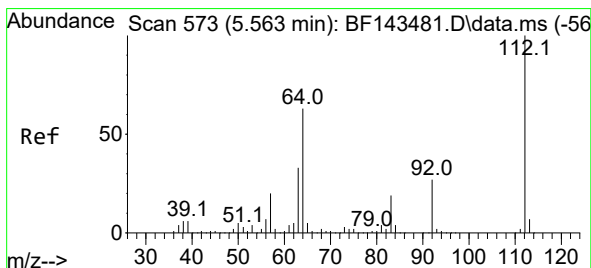
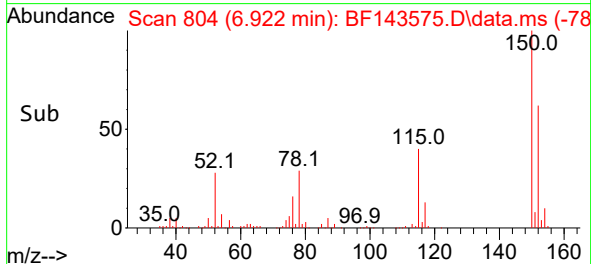
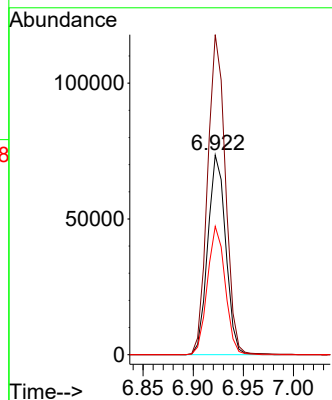
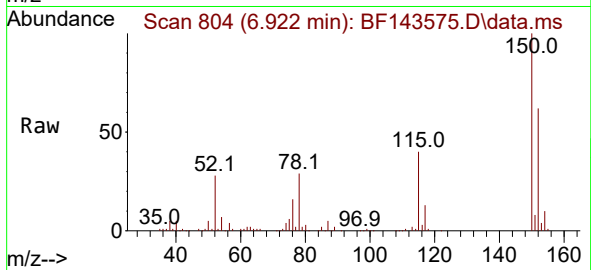




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF143575.D
Acq: 22 Aug 2025 16:24

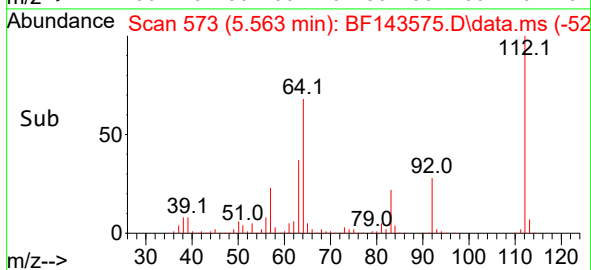
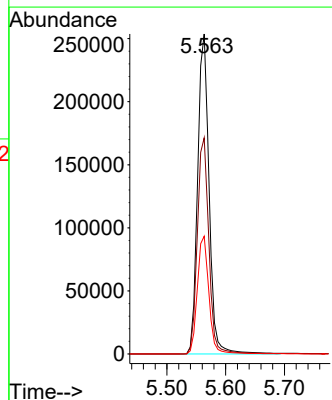
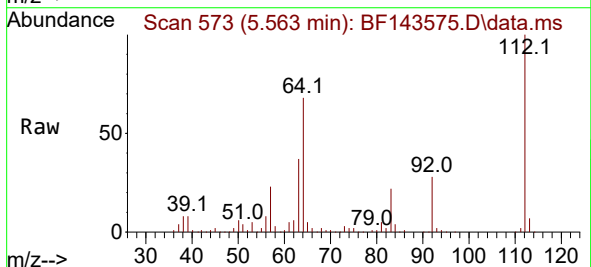
Instrument :
BNA_F
ClientSampleId :
MW-17A-081925

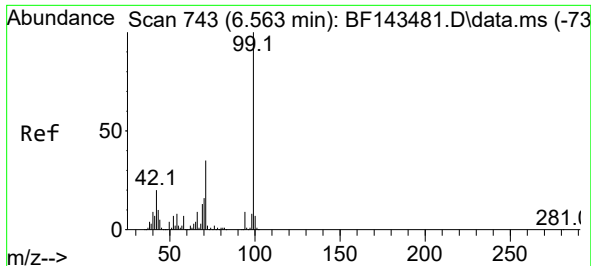
Tgt Ion:152 Resp: 91723
Ion Ratio Lower Upper
152 100
150 160.2 128.9 193.3
115 64.2 49.2 73.8



#5
2-Fluorophenol
Concen: 65.289 ng
RT: 5.563 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF143575.D
Acq: 22 Aug 2025 16:24

Tgt Ion:112 Resp: 342952
Ion Ratio Lower Upper
112 100
64 67.5 50.4 75.6
63 36.8 26.4 39.6

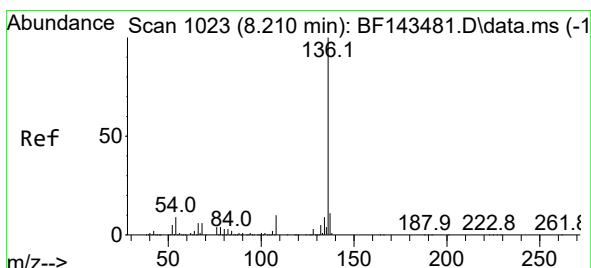
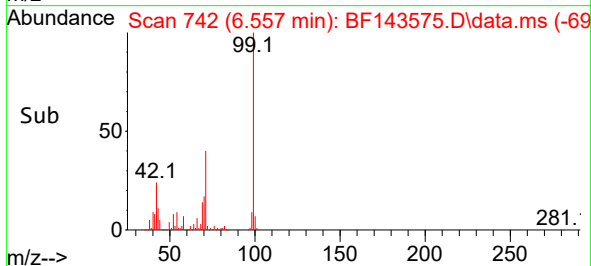
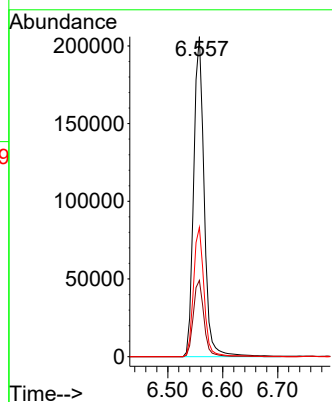
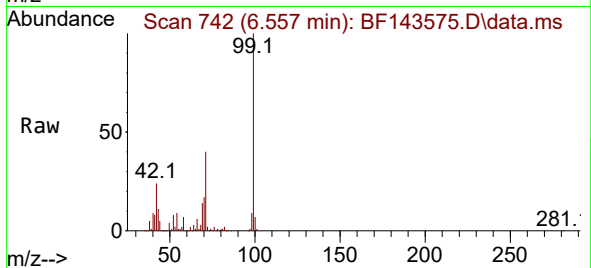




#7
Phenol-d6
Concen: 42.210 ng
RT: 6.557 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF143575.D
Acq: 22 Aug 2025 16:24

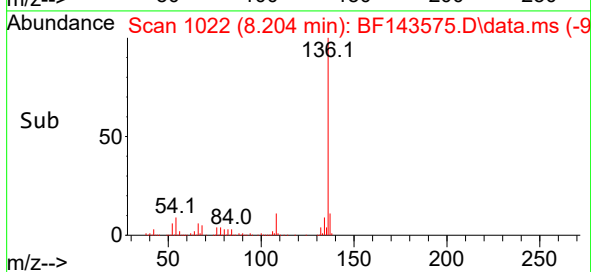
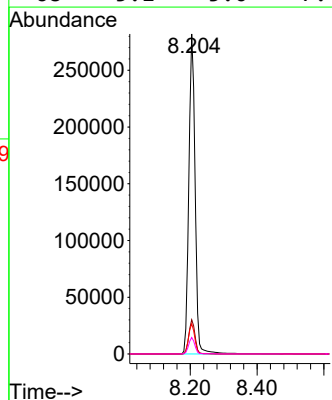
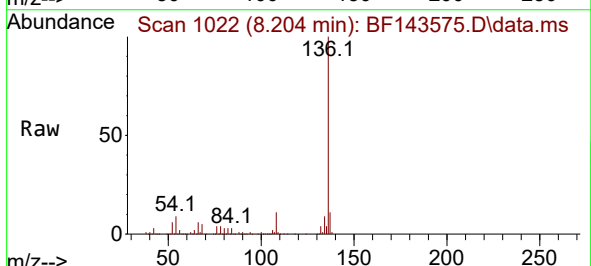
Instrument :
BNA_F
ClientSampleId :
MW-17A-081925

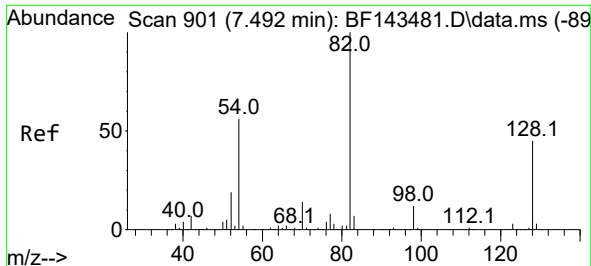
Tgt Ion: 99 Resp: 273706
Ion Ratio Lower Upper
99 100
42 23.8 16.3 24.5
71 40.4 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143575.D
Acq: 22 Aug 2025 16:24

Tgt Ion: 136 Resp: 366130
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 9.4 7.4 11.2
68 5.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 101.322 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143575.D

Acq: 22 Aug 2025 16:24

Instrument :

BNA_F

ClientSampleId :

MW-17A-081925

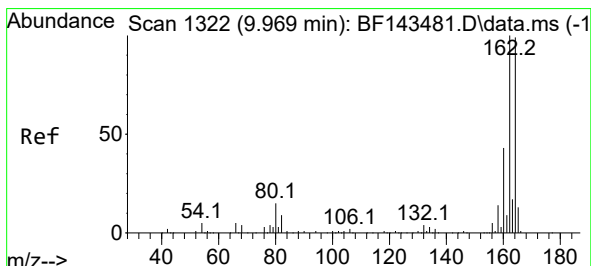
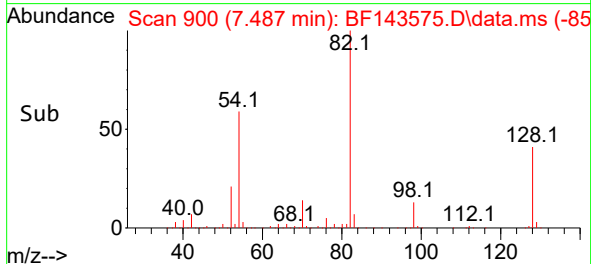
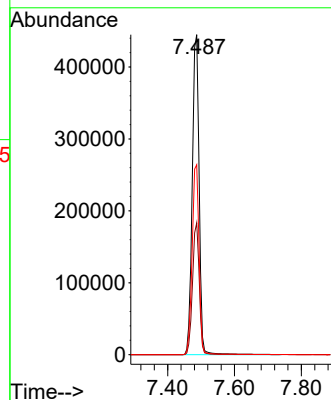
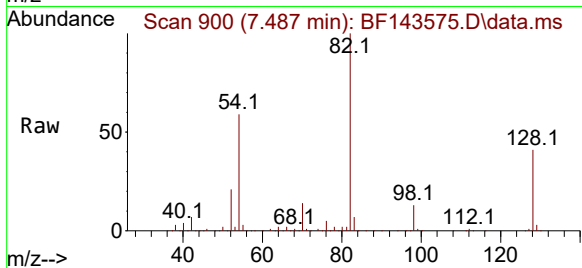
Tgt Ion: 82 Resp: 635718

Ion Ratio Lower Upper

82 100

128 41.2 35.5 53.3

54 59.3 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: BF143575.D

Acq: 22 Aug 2025 16:24

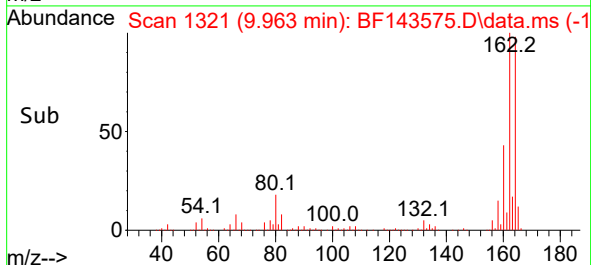
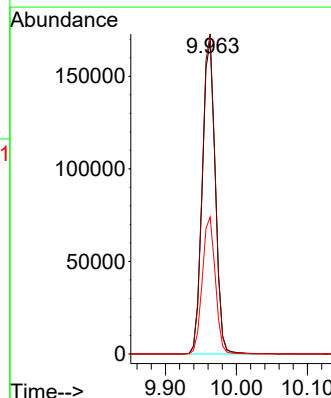
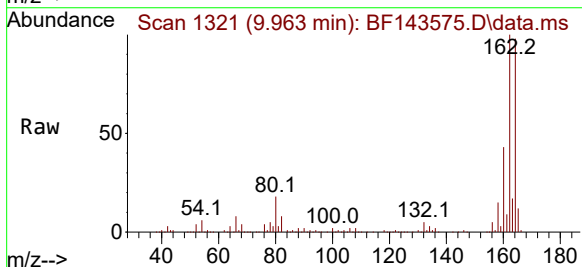
Tgt Ion:164 Resp: 214850

Ion Ratio Lower Upper

164 100

162 102.3 80.5 120.7

160 43.8 34.3 51.5





#42

2,4,6-Tribromophenol

Concen: 146.114 ng

RT: 10.757 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF143575.D

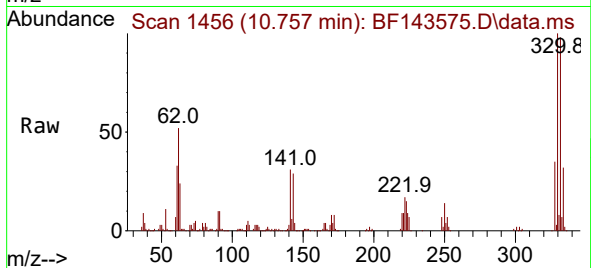
Acq: 22 Aug 2025 16:24

Instrument :

BNA_F

ClientSampleId :

MW-17A-081925



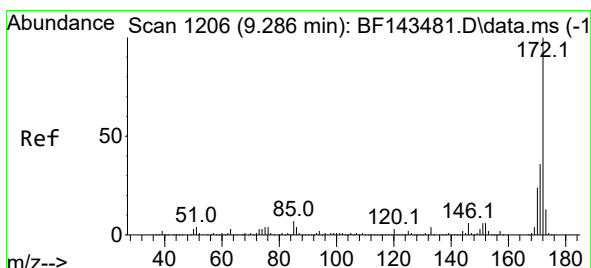
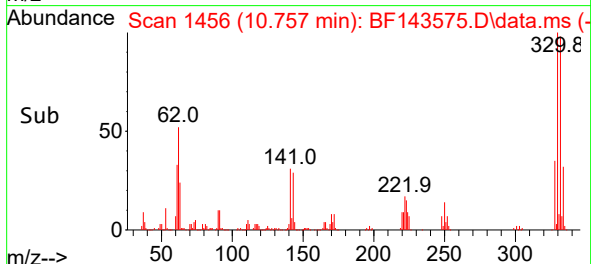
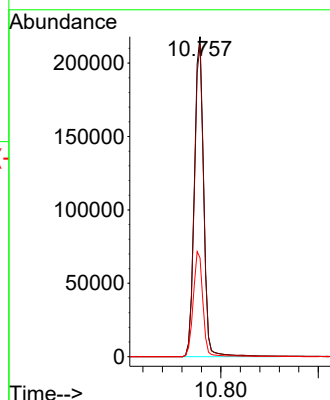
Tgt Ion:330 Resp: 292218

Ion Ratio Lower Upper

330 100

332 96.0 78.0 117.0

141 33.9 23.7 35.5



#45

2-Fluorobiphenyl

Concen: 86.414 ng

RT: 9.281 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF143575.D

Acq: 22 Aug 2025 16:24

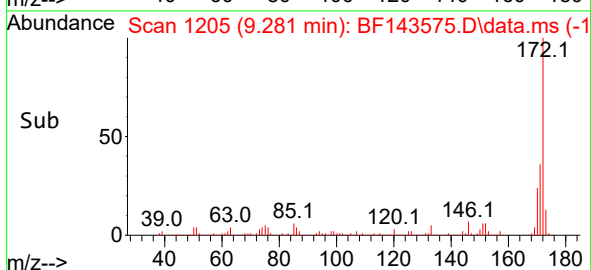
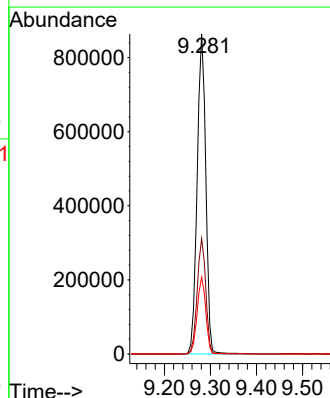
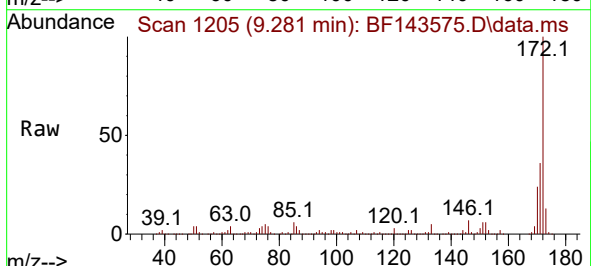
Tgt Ion:172 Resp: 1123398

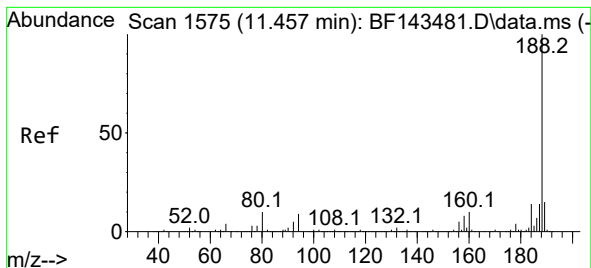
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.0 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: BF143575.D

Acq: 22 Aug 2025 16:24

Instrument :

BNA_F

ClientSampleId :

MW-17A-081925

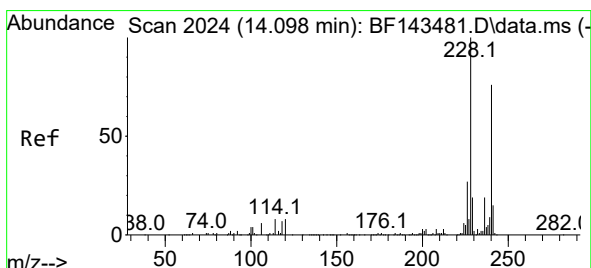
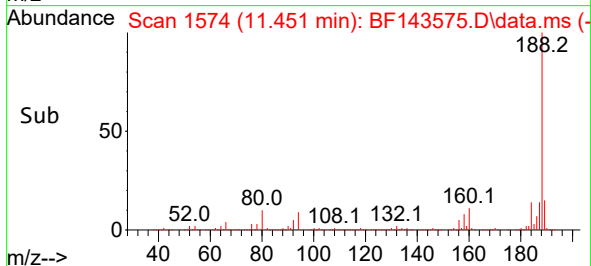
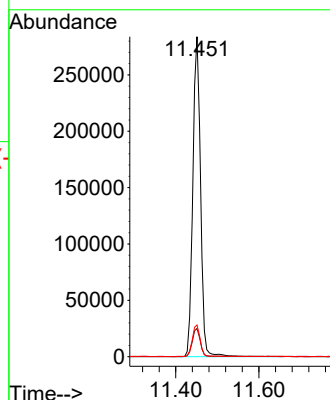
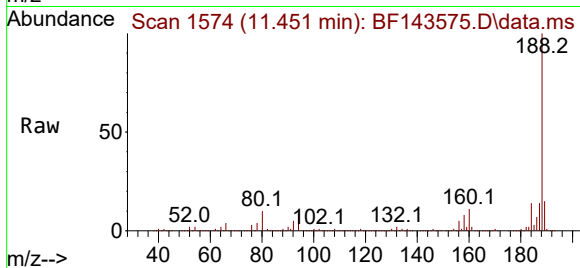
Tgt Ion:188 Resp: 364260

Ion Ratio Lower Upper

188 100

94 8.8 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: BF143575.D

Acq: 22 Aug 2025 16:24

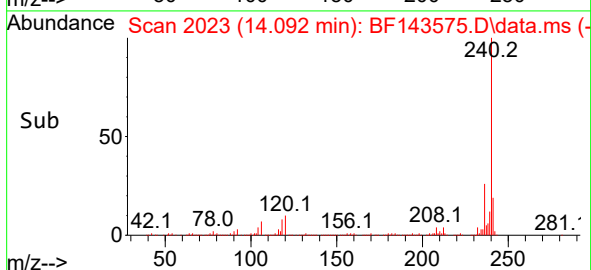
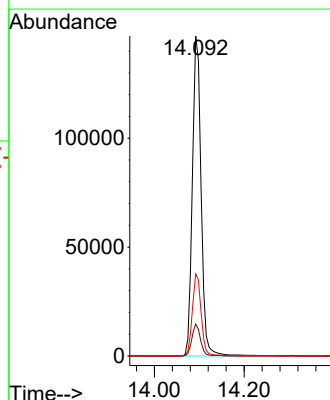
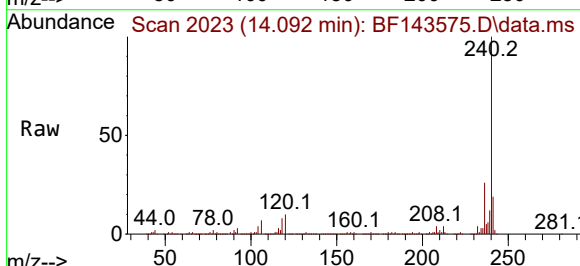
Tgt Ion:240 Resp: 199085

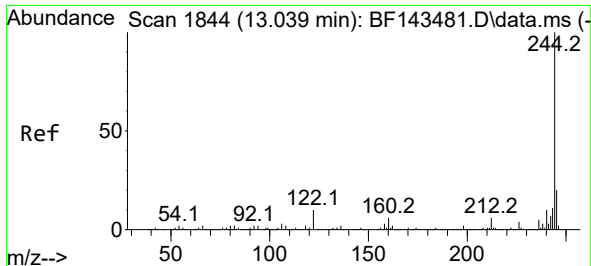
Ion Ratio Lower Upper

240 100

120 9.9 8.6 12.8

236 25.7 20.4 30.6

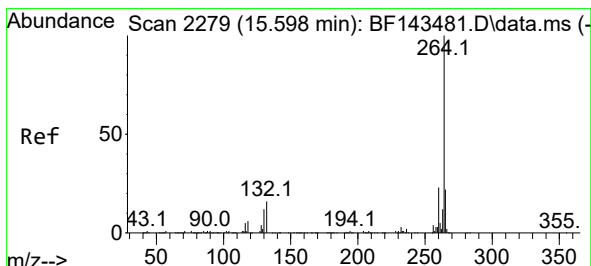
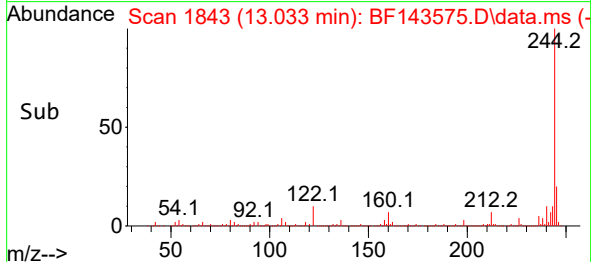
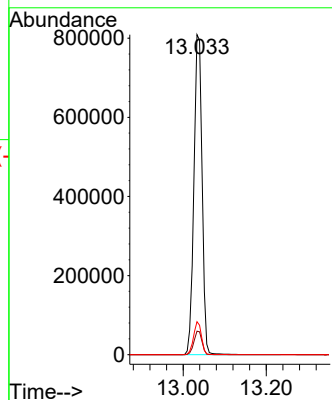
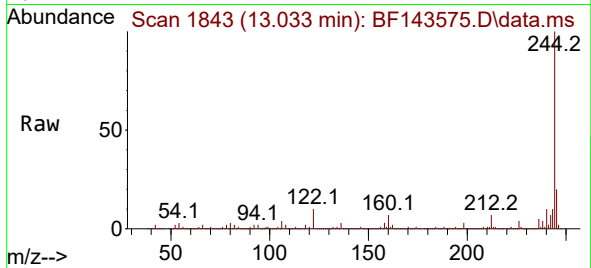




#79
 Terphenyl-d14
 Concen: 96.599 ng
 RT: 13.033 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF143575.D
 Acq: 22 Aug 2025 16:24

Instrument :
 BNA_F
 ClientSampleId :
 MW-17A-081925

Tgt Ion:244 Resp: 1102057
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.2 7.8
 122 10.3 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: BF143575.D
 Acq: 22 Aug 2025 16:24

Tgt Ion:264 Resp: 192075
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 21.2 17.6 26.4

