

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
 Data File : BF143535.D
 Acq On : 21 Aug 2025 17:36
 Operator : RC/JU
 Sample : Q2815-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-17M-E

Quant Time: Aug 21 18:09:41 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	6.928	152	123661	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	463978	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	243046	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	340891	20.000	ng	0.00
76) Chrysene-d12	14.092	240	245599	20.000	ng	-0.01
86) Perylene-d12	15.592	264	286900	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	542071	76.543	ng	0.00
7) Phenol-d6	6.557	99	575192	65.795	ng	-0.02
23) Nitrobenzene-d5	7.486	82	567435	71.367	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	211899	93.661	ng	-0.01
45) 2-Fluorobiphenyl	9.280	172	1020415	69.387	ng	0.00
79) Terphenyl-d14	13.033	244	823575	58.517	ng	0.00

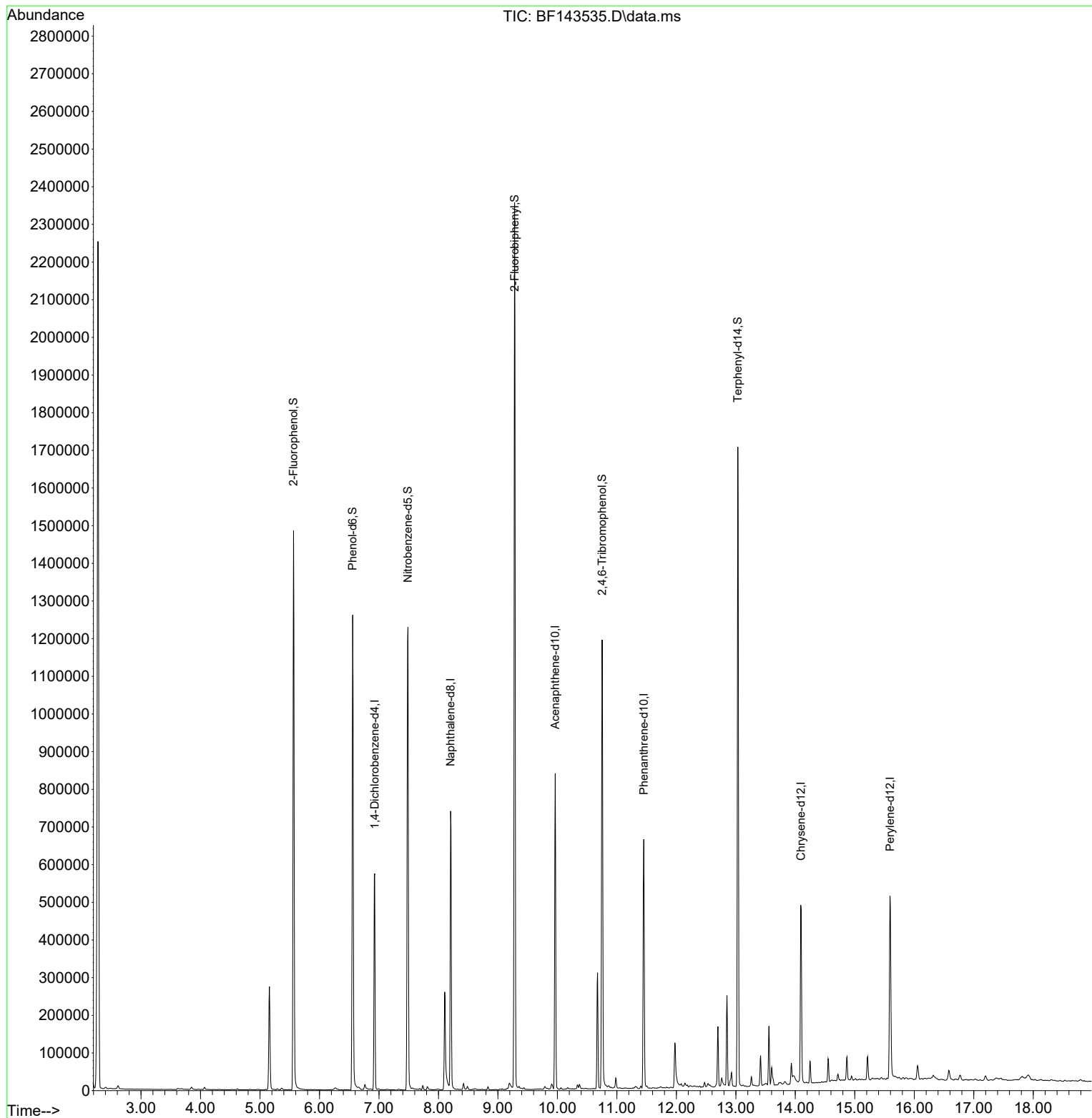
Target Compounds	Qvalue

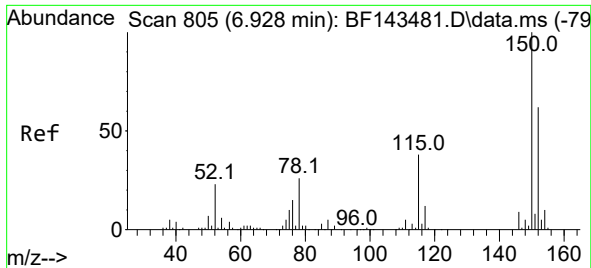
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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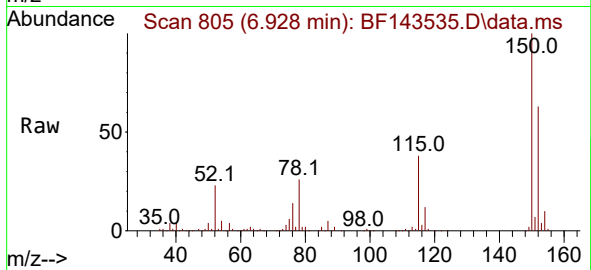
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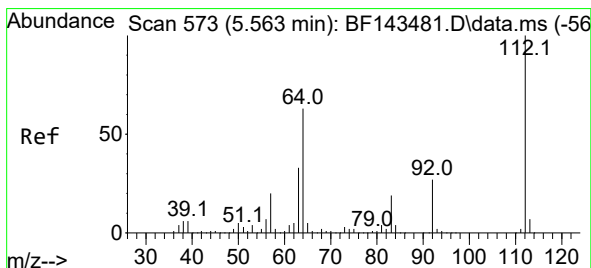
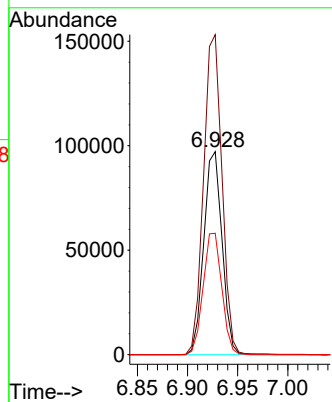
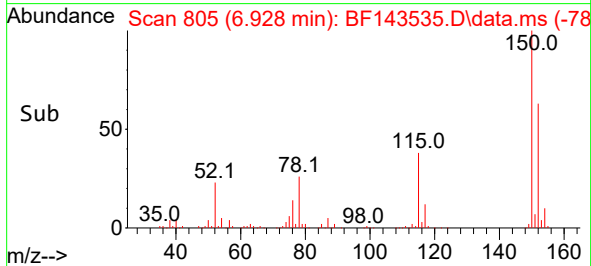


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143535.D
Acq: 21 Aug 2025 17:36

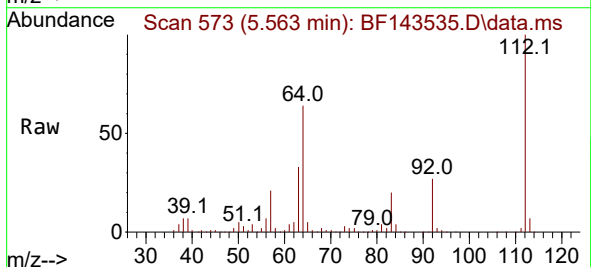
Instrument :
BNA_F
ClientSampleId :
TW-17M-E



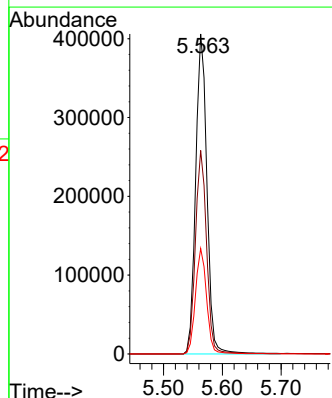
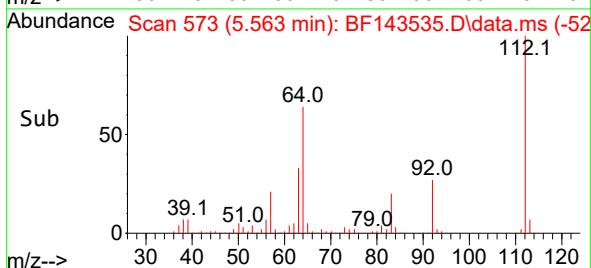
Tgt Ion:152 Resp: 123661
Ion Ratio Lower Upper
152 100
150 157.6 128.9 193.3
115 59.8 49.2 73.8

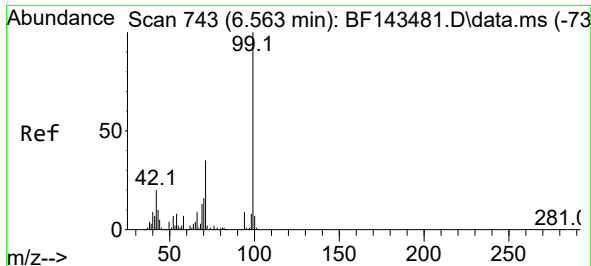


#5
2-Fluorophenol
Concen: 76.543 ng
RT: 5.563 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF143535.D
Acq: 21 Aug 2025 17:36



Tgt Ion:112 Resp: 542071
Ion Ratio Lower Upper
112 100
64 63.6 50.4 75.6
63 32.9 26.4 39.6

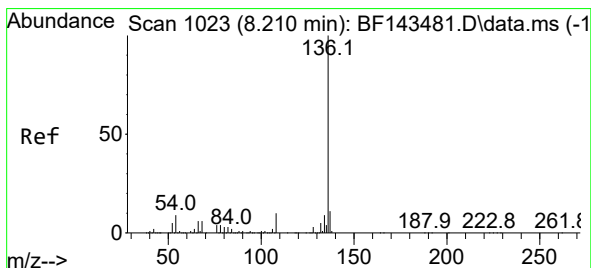
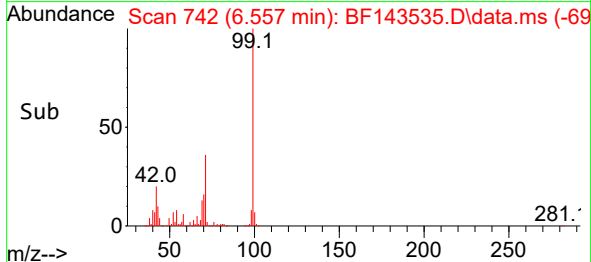
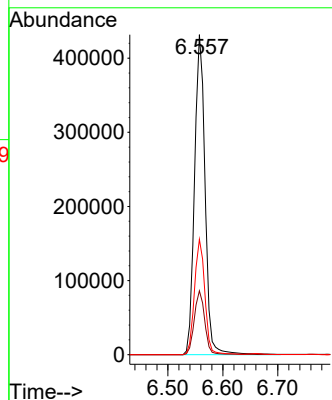
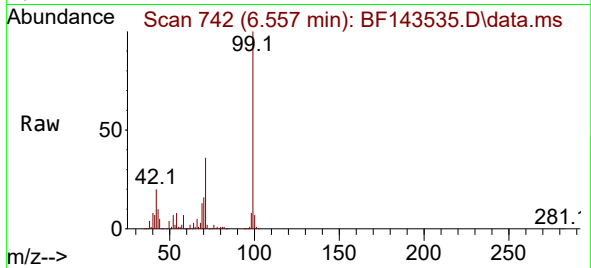




#7
Phenol-d6
Concen: 65.795 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF143535.D
Acq: 21 Aug 2025 17:36

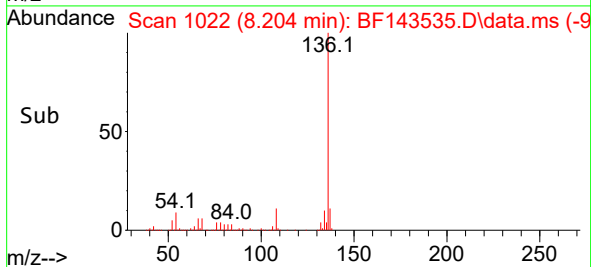
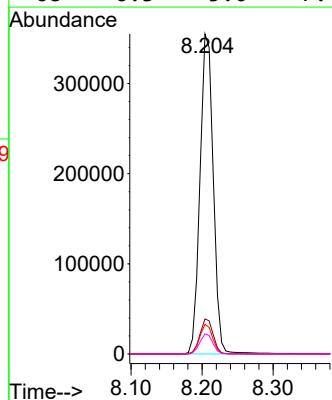
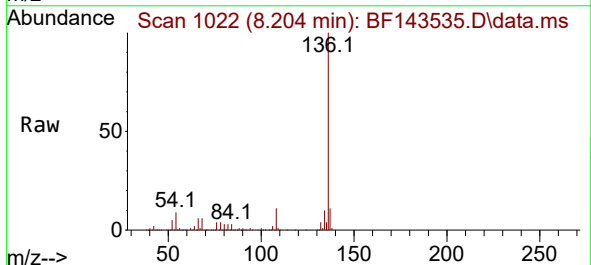
Instrument :
BNA_F
ClientSampleId :
TW-17M-E

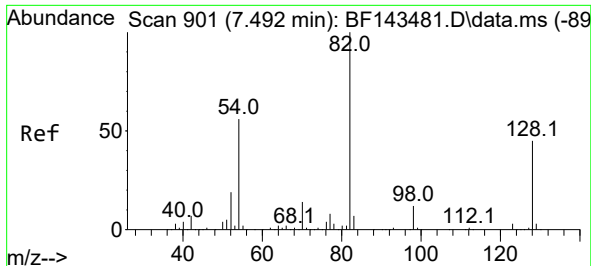
Tgt Ion: 99 Resp: 575192
Ion Ratio Lower Upper
99 100
42 20.0 16.3 24.5
71 36.1 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143535.D
Acq: 21 Aug 2025 17:36

Tgt Ion: 136 Resp: 463978
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.3 7.4 11.2
68 6.3 5.0 7.4

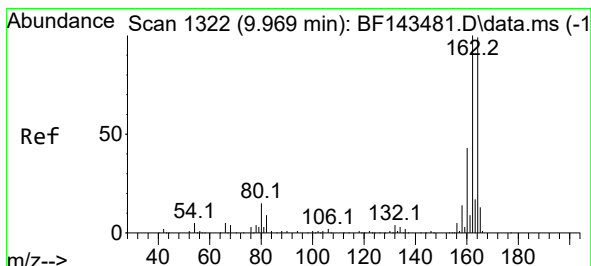
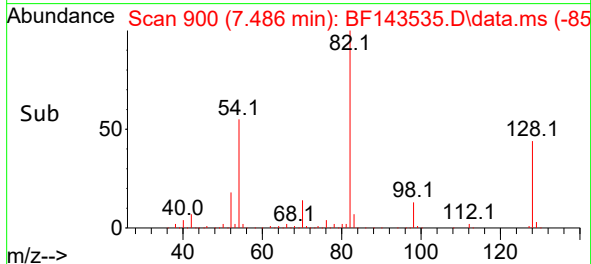
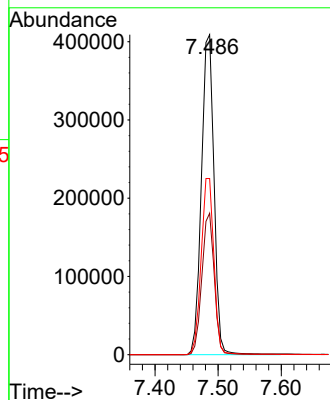
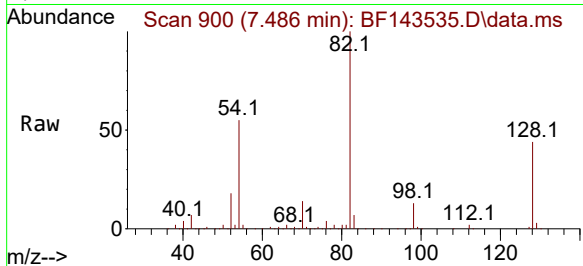




#23
 Nitrobenzene-d5
 Concen: 71.367 ng
 RT: 7.486 min Scan# 901
 Delta R.T. -0.012 min
 Lab File: BF143535.D
 Acq: 21 Aug 2025 17:36

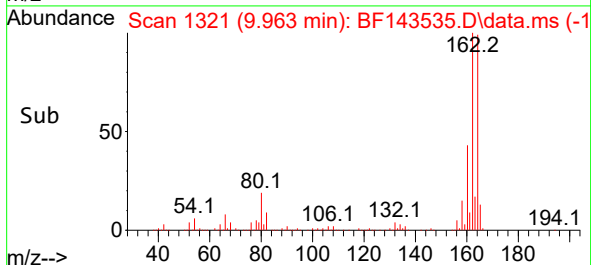
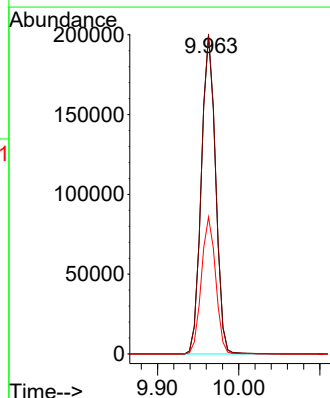
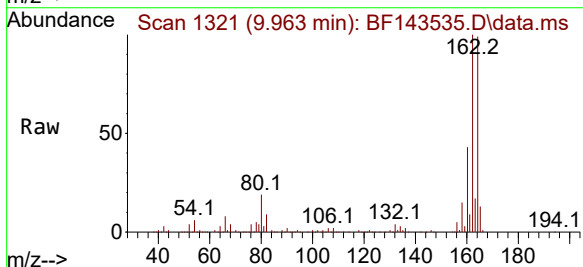
Instrument :
 BNA_F
 ClientSampleId :
 TW-17M-E

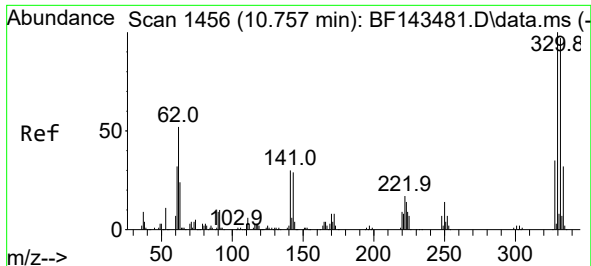
Tgt Ion: 82 Resp: 567435
 Ion Ratio Lower Upper
 82 100
 128 44.2 35.5 53.3
 54 55.1 44.3 66.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.963 min Scan# 1321
 Delta R.T. -0.006 min
 Lab File: BF143535.D
 Acq: 21 Aug 2025 17:36

Tgt Ion:164 Resp: 243046
 Ion Ratio Lower Upper
 164 100
 162 100.5 80.5 120.7
 160 43.0 34.3 51.5





#42

2,4,6-Tribromophenol

Concen: 93.661 ng

RT: 10.751 min Scan# 1456

Delta R.T. -0.012 min

Lab File: BF143535.D

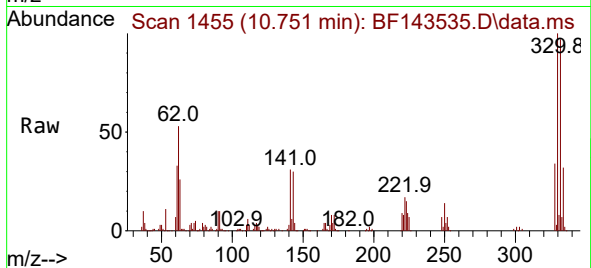
Acq: 21 Aug 2025 17:36

Instrument :

BNA_F

ClientSampleId :

TW-17M-E



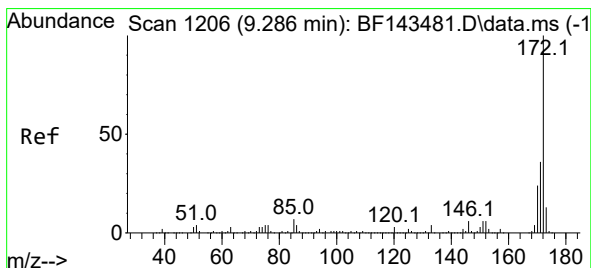
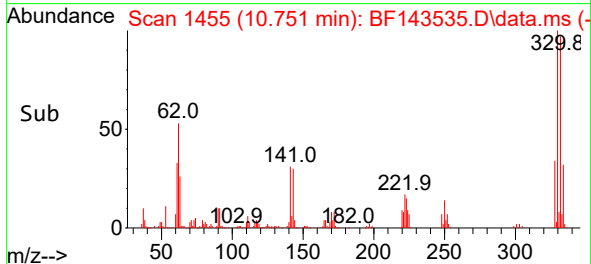
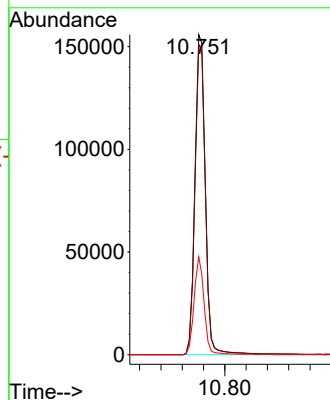
Tgt Ion:330 Resp: 211899

Ion Ratio Lower Upper

330 100

332 96.9 78.0 117.0

141 29.7 23.7 35.5



#45

2-Fluorobiphenyl

Concen: 69.387 ng

RT: 9.280 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF143535.D

Acq: 21 Aug 2025 17:36

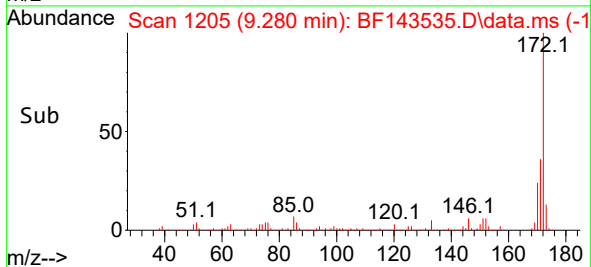
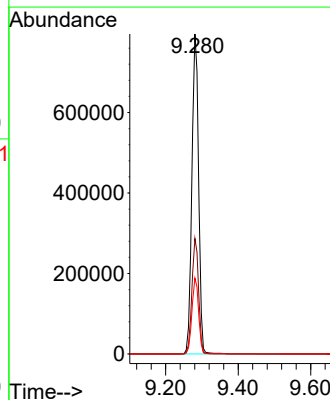
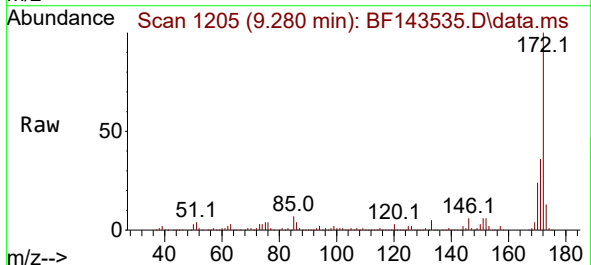
Tgt Ion:172 Resp: 1020415

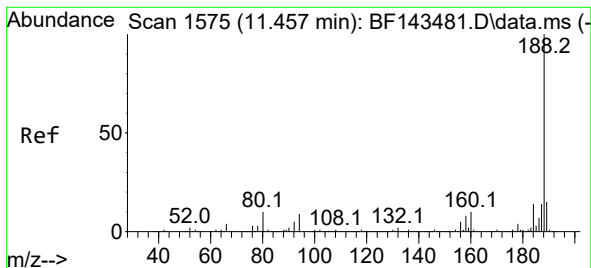
Ion Ratio Lower Upper

172 100

171 36.1 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: BF143535.D

Acq: 21 Aug 2025 17:36

Instrument :

BNA_F

ClientSampleId :

TW-17M-E

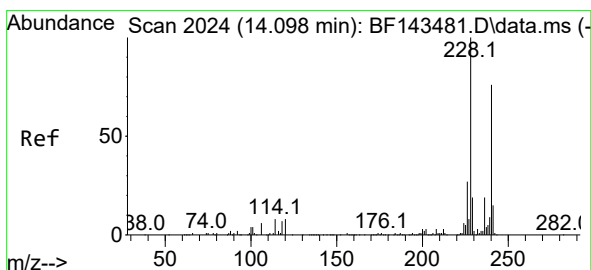
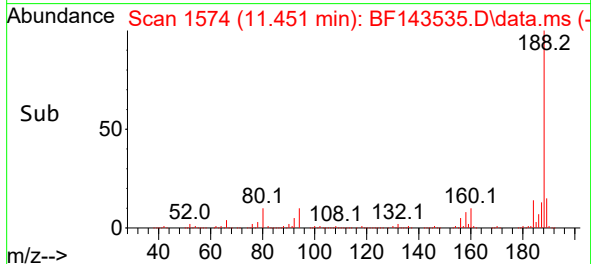
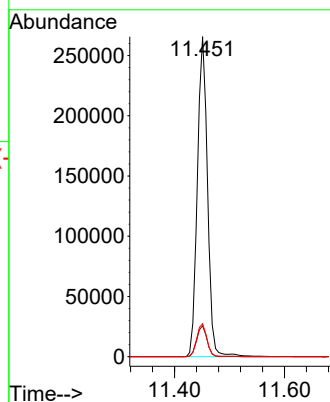
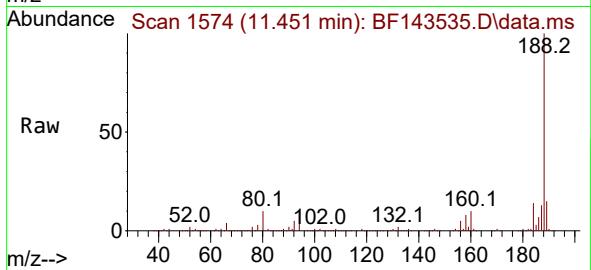
Tgt Ion:188 Resp: 340891

Ion Ratio Lower Upper

188 100

94 9.7 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: BF143535.D

Acq: 21 Aug 2025 17:36

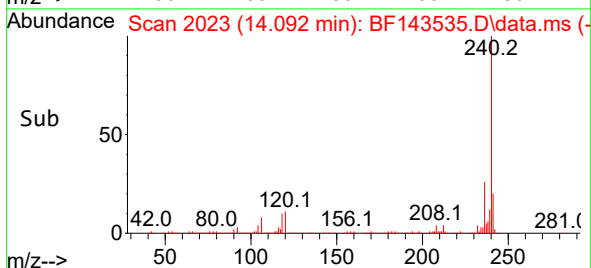
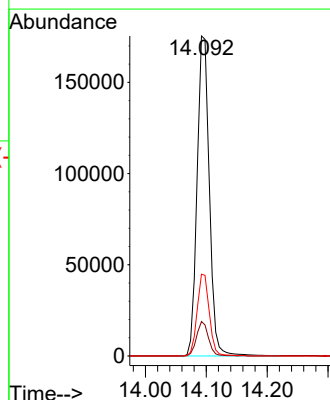
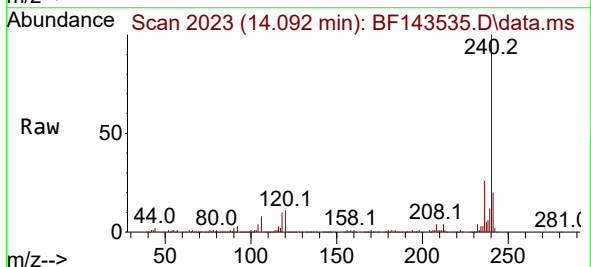
Tgt Ion:240 Resp: 245599

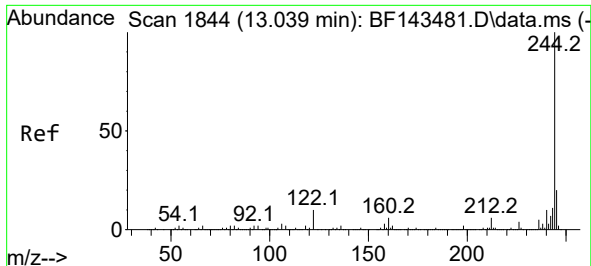
Ion Ratio Lower Upper

240 100

120 10.8 8.6 12.8

236 25.6 20.4 30.6

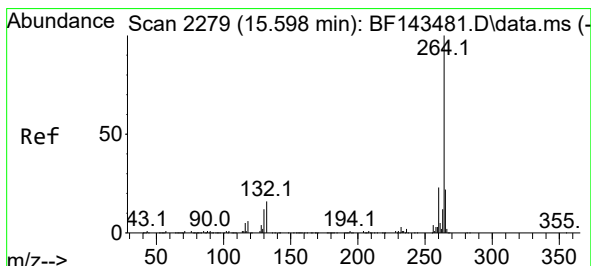
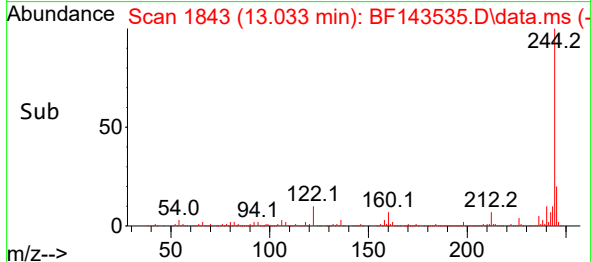
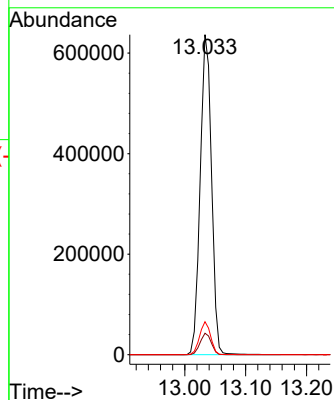
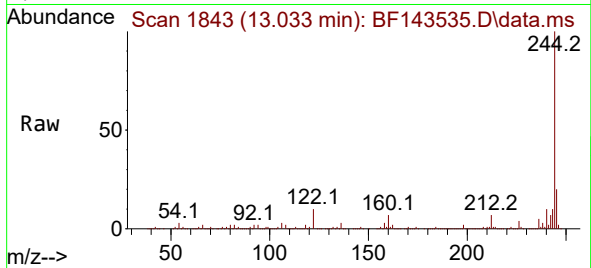




#79
 Terphenyl-d14
 Concen: 58.517 ng
 RT: 13.033 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF143535.D
 Acq: 21 Aug 2025 17:36

Instrument :
 BNA_F
 ClientSampleId :
 TW-17M-E

Tgt Ion:244 Resp: 823575
 Ion Ratio Lower Upper
 244 100
 212 6.7 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: BF143535.D
 Acq: 21 Aug 2025 17:36

Tgt Ion:264 Resp: 286900
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 21.6 17.6 26.4

