

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
 Data File : BF143572.D
 Acq On : 22 Aug 2025 14:56
 Operator : RC/JU
 Sample : Q2903-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12B-081925

Quant Time: Aug 22 15:30:27 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)

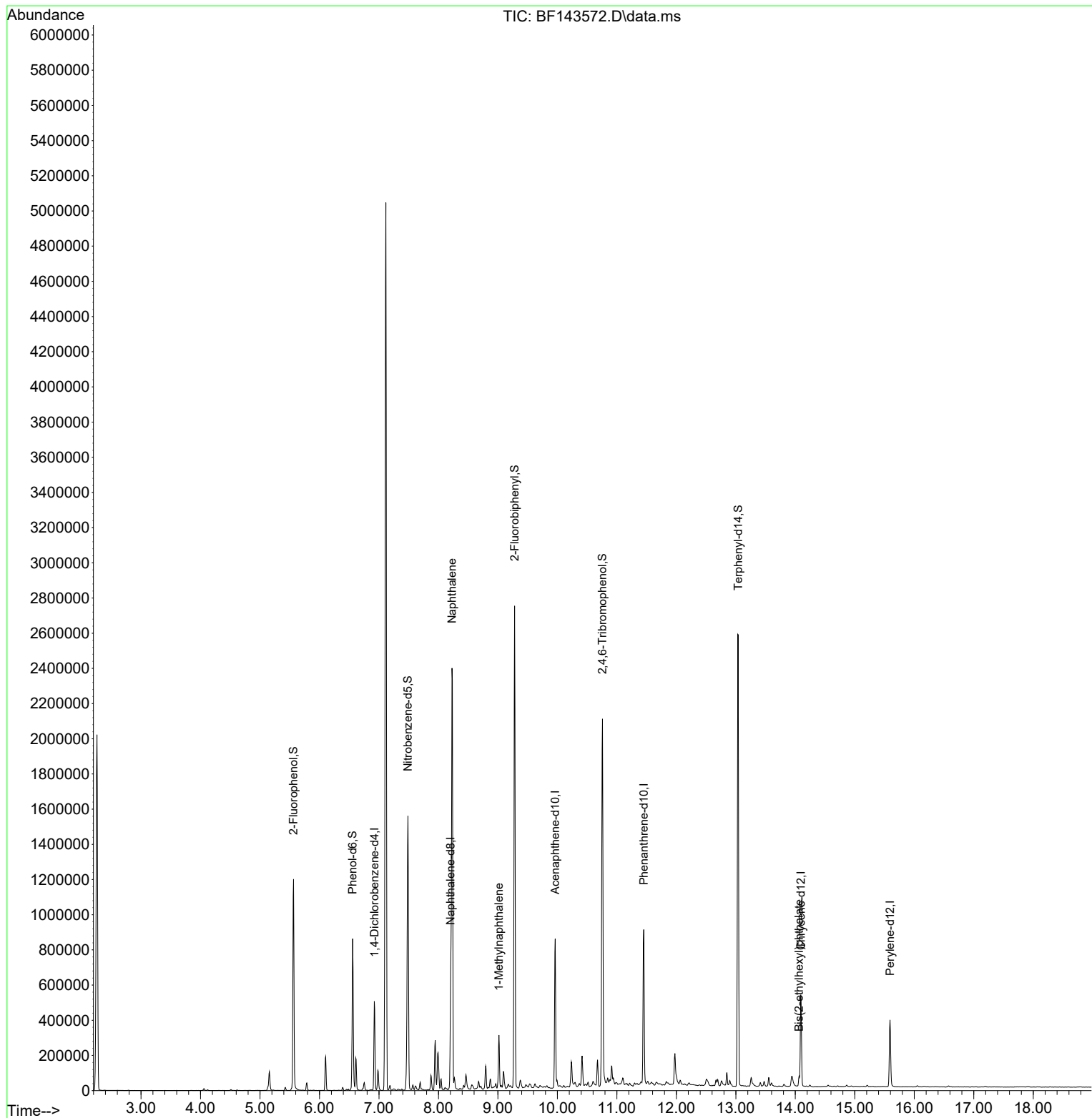
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	104645	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	412054	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	253705	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	438807	20.000	ng	0.00
76) Chrysene-d12	14.092	240	250826	20.000	ng	-0.01
86) Perylene-d12	15.592	264	225338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	428537	71.508	ng	0.00
7) Phenol-d6	6.557	99	367464	49.672	ng	-0.02
23) Nitrobenzene-d5	7.487	82	658018	93.188	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	364261	154.242	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1203845	78.420	ng	0.00
79) Terphenyl-d14	13.039	244	1330303	92.551	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.228	128	1532300	77.456	ng	99
38) 1-Methylnaphthalene	9.016	142	106263	8.408	ng	99
84) Bis(2-ethylhexyl)phtha...	14.063	149	19795	2.306	ng	99

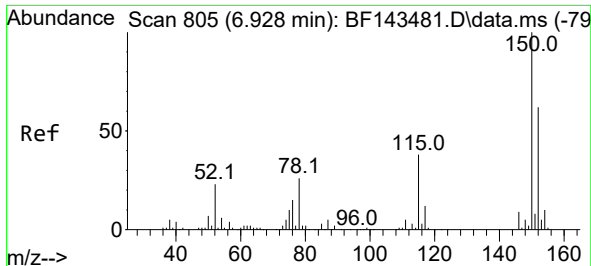
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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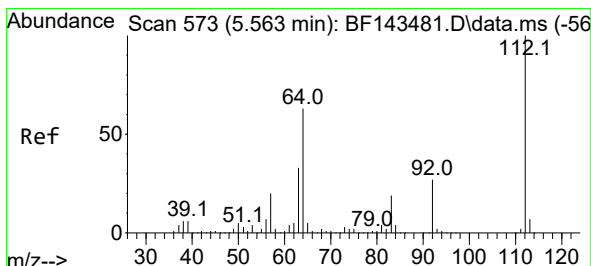
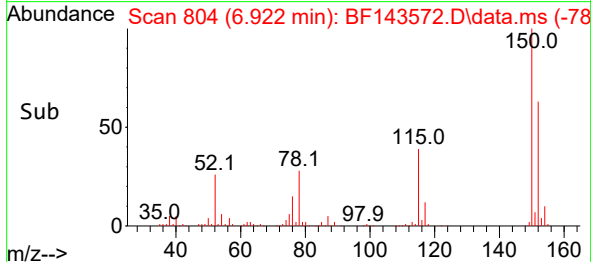
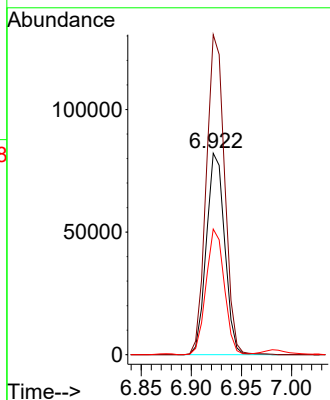
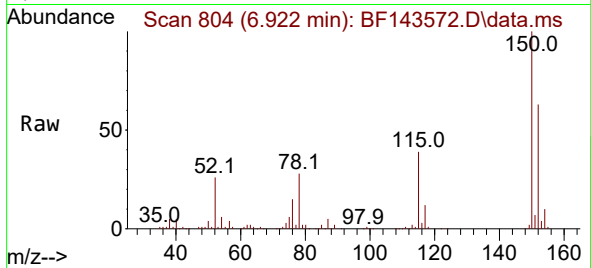




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 805
 Delta R.T. -0.006 min
 Lab File: BF143572.D
 Acq: 22 Aug 2025 14:56

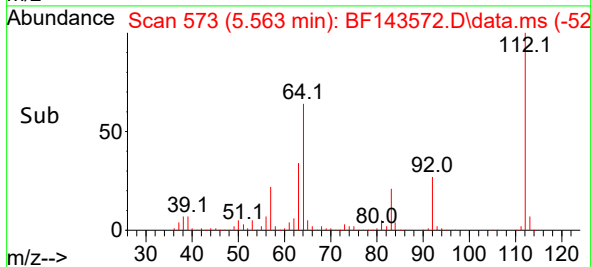
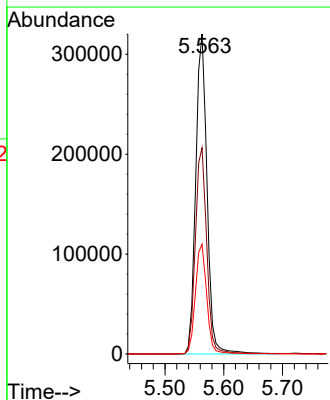
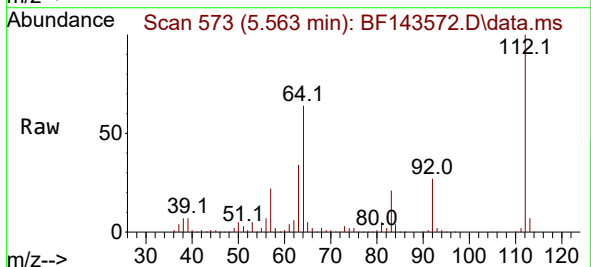
Instrument :
 BNA_F
 ClientSampleId :
 MW-12B-081925

Tgt Ion:152 Resp: 104645
 Ion Ratio Lower Upper
 152 100
 150 158.9 128.9 193.3
 115 62.4 49.2 73.8



#5
 2-Fluorophenol
 Concen: 71.508 ng
 RT: 5.563 min Scan# 573
 Delta R.T. -0.000 min
 Lab File: BF143572.D
 Acq: 22 Aug 2025 14:56

Tgt Ion:112 Resp: 428537
 Ion Ratio Lower Upper
 112 100
 64 64.4 50.4 75.6
 63 34.3 26.4 39.6

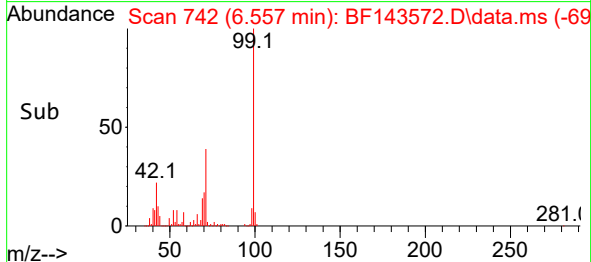
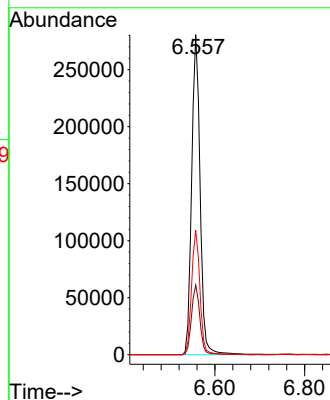
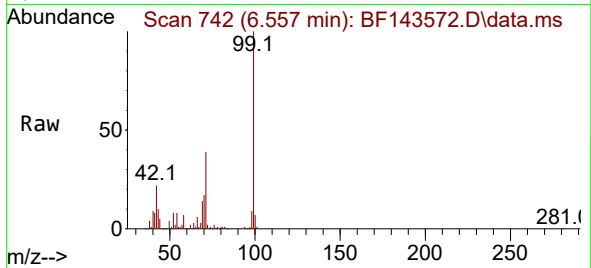




#7
Phenol-d6
Concen: 49.672 ng
RT: 6.557 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF143572.D
Acq: 22 Aug 2025 14:56

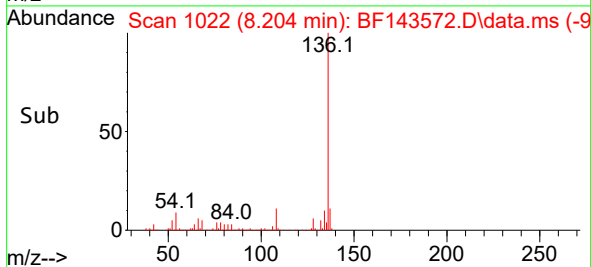
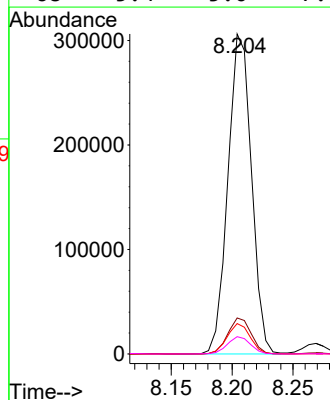
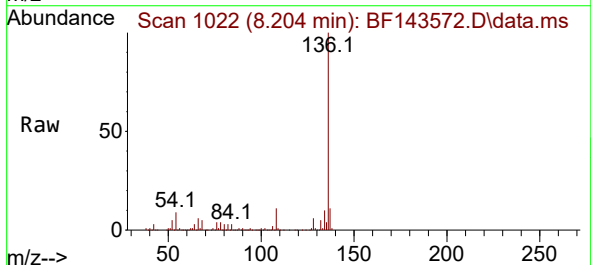
Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

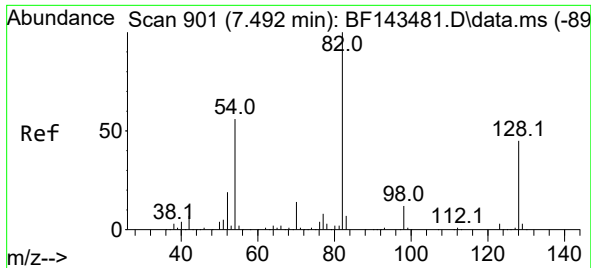
Tgt Ion: 99 Resp: 367464
Ion Ratio Lower Upper
99 100
42 21.7 16.3 24.5
71 38.9 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143572.D
Acq: 22 Aug 2025 14:56

Tgt Ion: 136 Resp: 412054
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 9.5 7.4 11.2
68 5.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 93.188 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143572.D

Acq: 22 Aug 2025 14:56

Instrument :

BNA_F

ClientSampleId :

MW-12B-081925

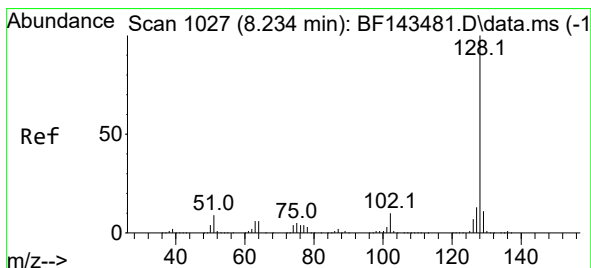
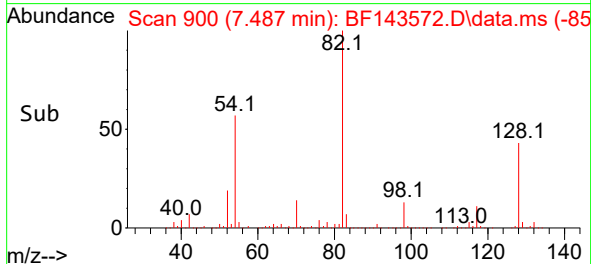
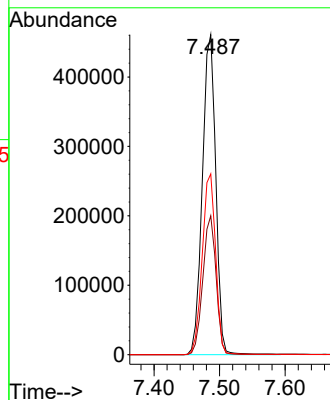
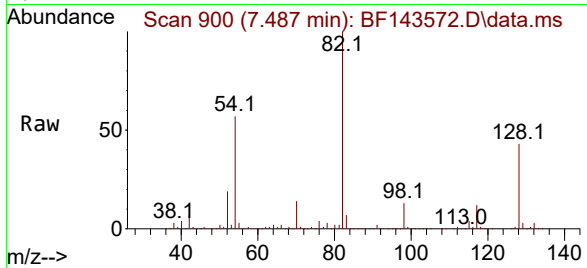
Tgt Ion: 82 Resp: 658018

Ion Ratio Lower Upper

82 100

128 43.4 35.5 53.3

54 56.5 44.3 66.5



#31

Naphthalene

Concen: 77.456 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF143572.D

Acq: 22 Aug 2025 14:56

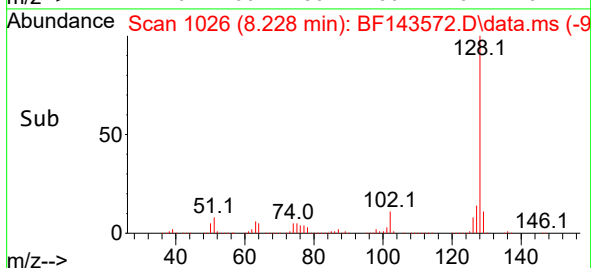
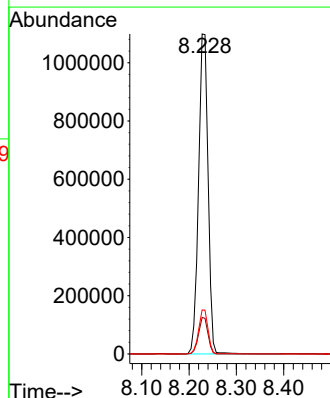
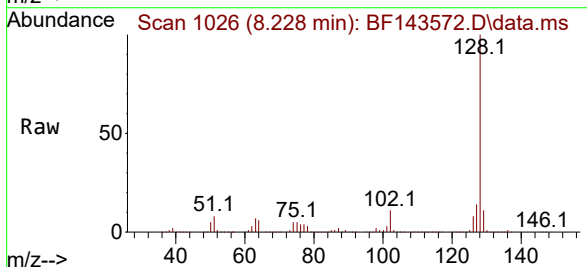
Tgt Ion:128 Resp: 1532300

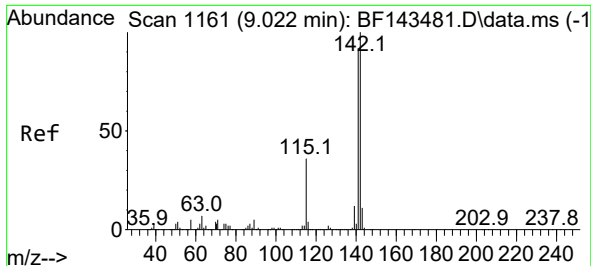
Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

127 13.7 10.6 16.0

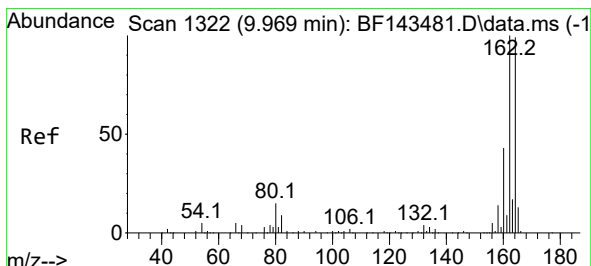
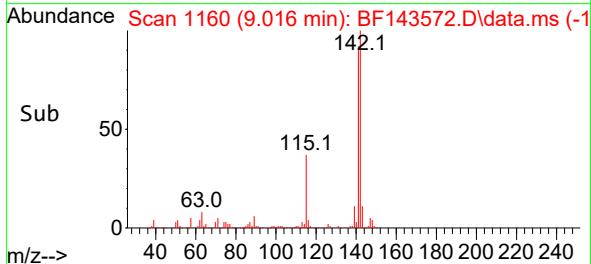
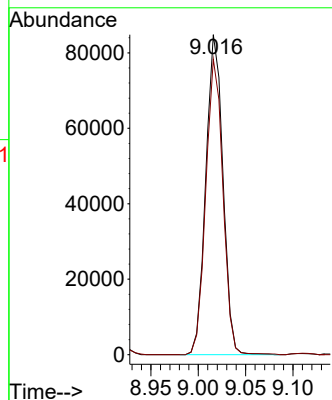
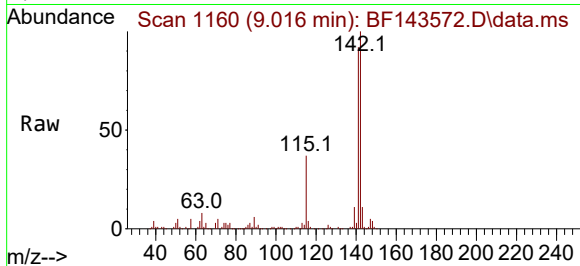




#38
1-Methylnaphthalene
Concen: 8.408 ng
RT: 9.016 min Scan# 1160
Delta R.T. -0.012 min
Lab File: BF143572.D
Acq: 22 Aug 2025 14:56

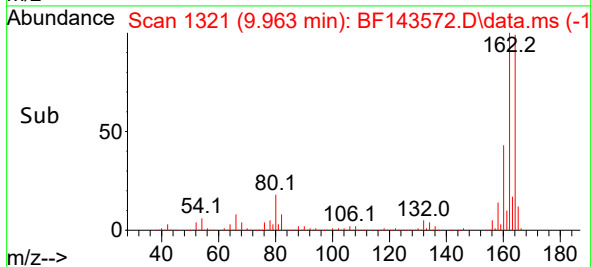
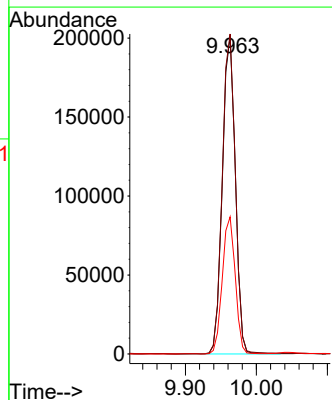
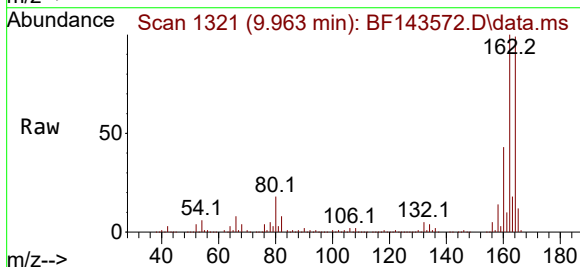
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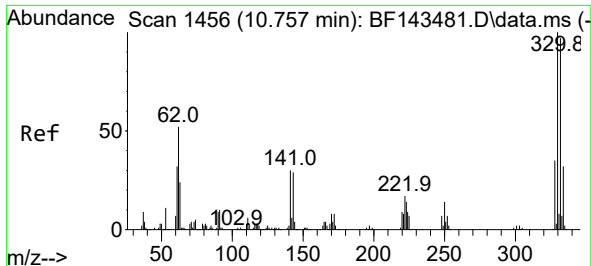
Tgt Ion:142 Resp: 106263
Ion Ratio Lower Upper
142 100
141 92.3 73.3 109.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143572.D
Acq: 22 Aug 2025 14:56

Tgt Ion:164 Resp: 253705
Ion Ratio Lower Upper
164 100
162 100.7 80.5 120.7
160 43.2 34.3 51.5





#42

2,4,6-Tribromophenol

Concen: 154.242 ng

RT: 10.757 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF143572.D

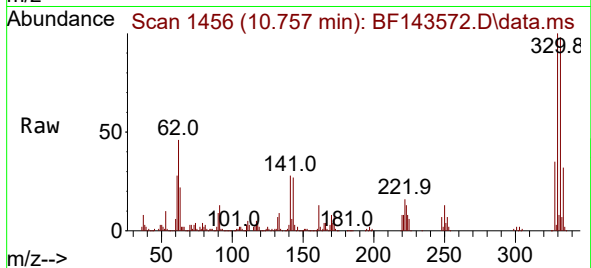
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Instrument :

BNA_F

ClientSampleId :

MW-12B-081925



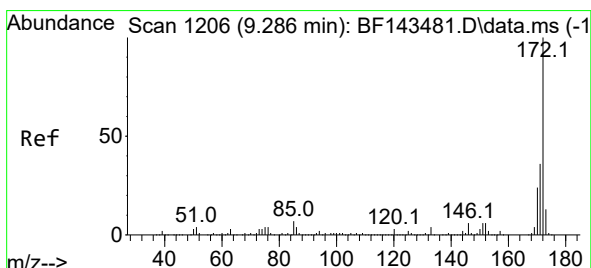
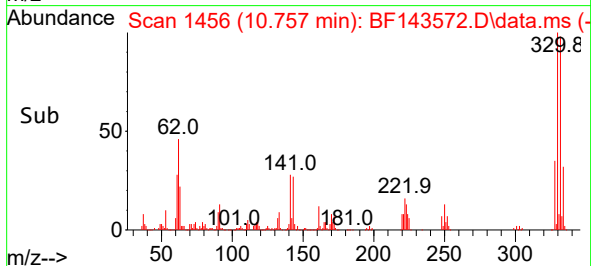
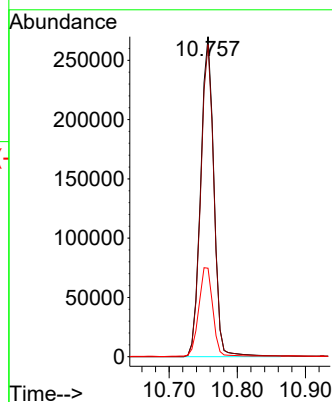
Tgt Ion:330 Resp: 364261

Ion Ratio Lower Upper

330 100

332 97.8 78.0 117.0

141 29.6 23.7 35.5



#45

2-Fluorobiphenyl

Concen: 78.420 ng

RT: 9.281 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF143572.D

Acq: 22 Aug 2025 14:56

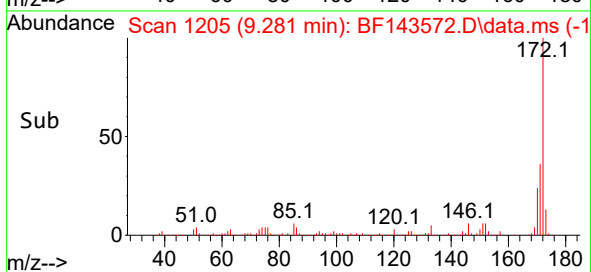
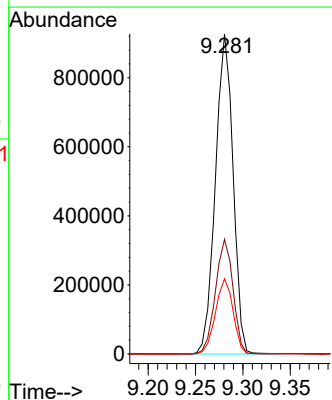
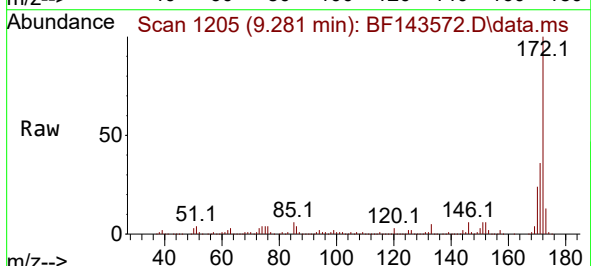
Tgt Ion:172 Resp: 1203845

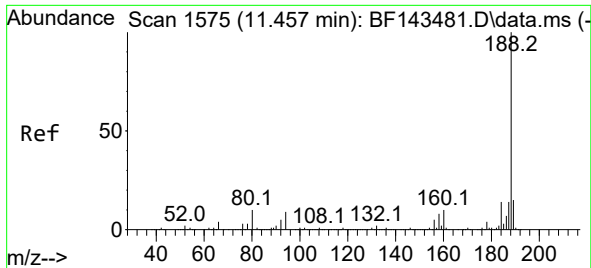
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.5 18.8 28.2

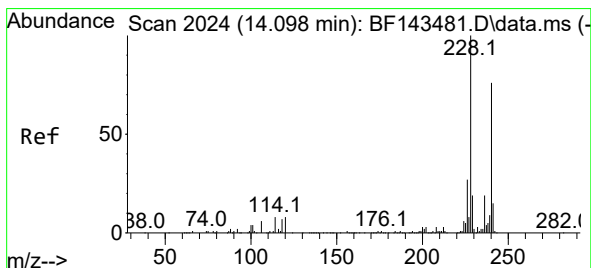
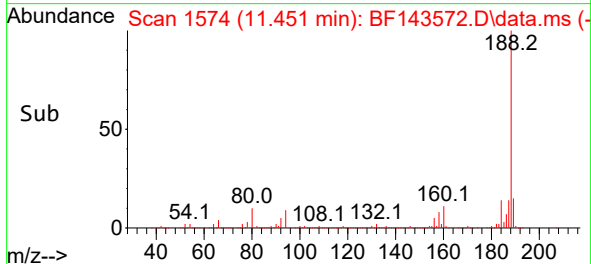
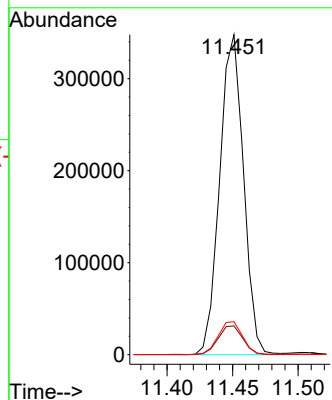
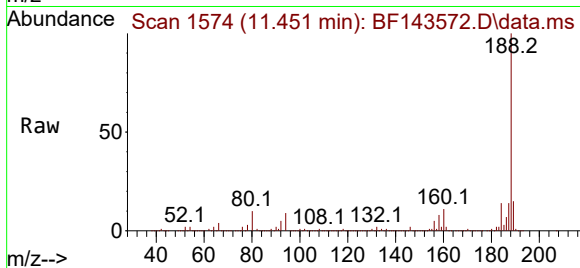




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143572.D
Acq: 22 Aug 2025 14:56

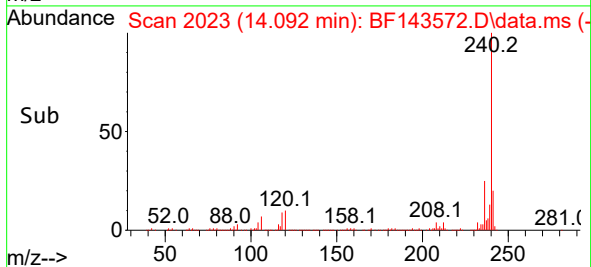
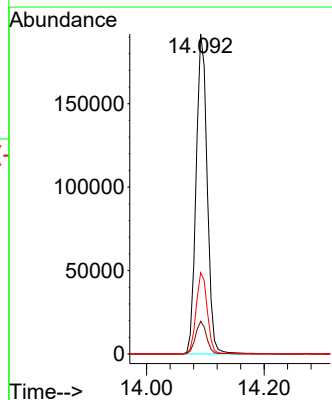
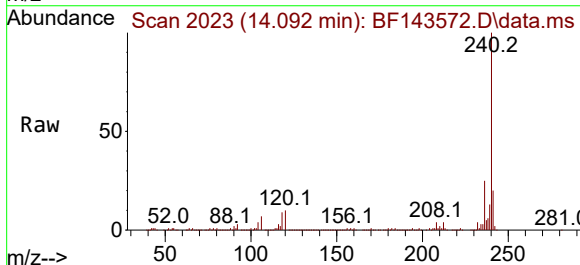
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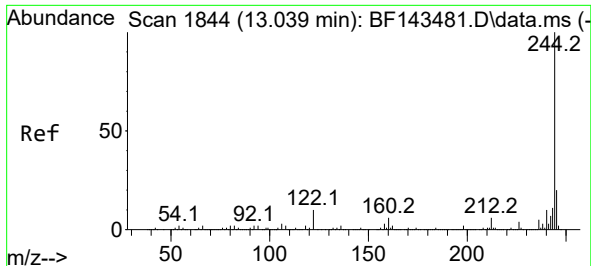
Tgt Ion:188 Resp: 438807
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 10.3 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF143572.D
Acq: 22 Aug 2025 14:56

Tgt Ion:240 Resp: 250826
Ion Ratio Lower Upper
240 100
120 10.2 8.6 12.8
236 25.4 20.4 30.6

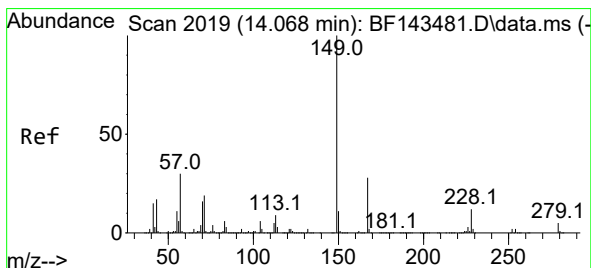
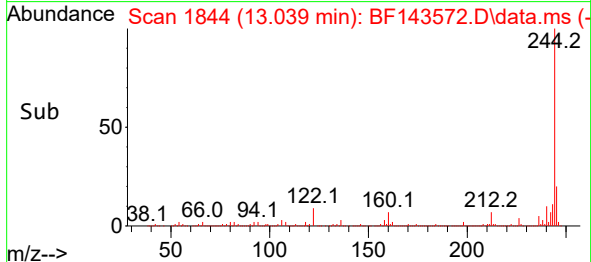
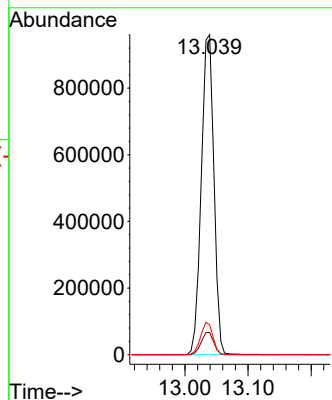
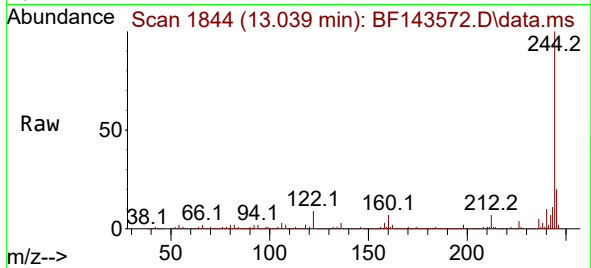




#79
 Terphenyl-d14
 Concen: 92.551 ng
 RT: 13.039 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF143572.D
 Acq: 22 Aug 2025 14:56

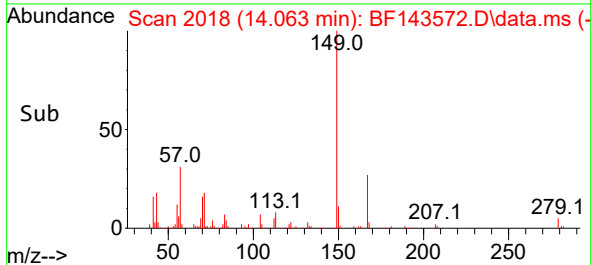
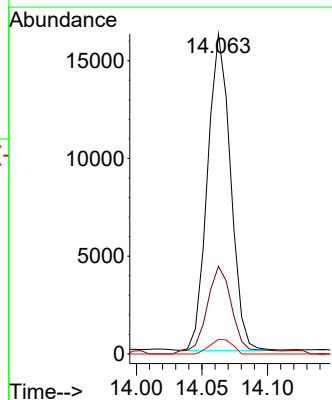
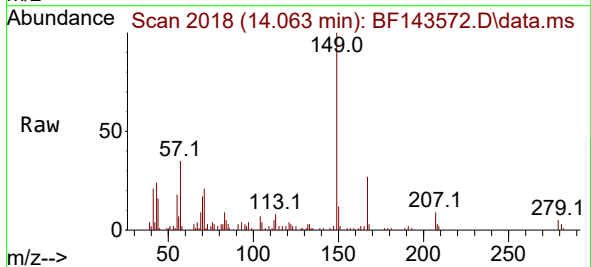
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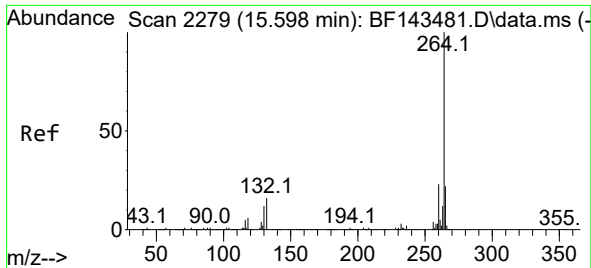
Tgt Ion:244 Resp: 1330303
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.2 7.8
 122 9.3 7.9 11.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.306 ng
 RT: 14.063 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: BF143572.D
 Acq: 22 Aug 2025 14:56

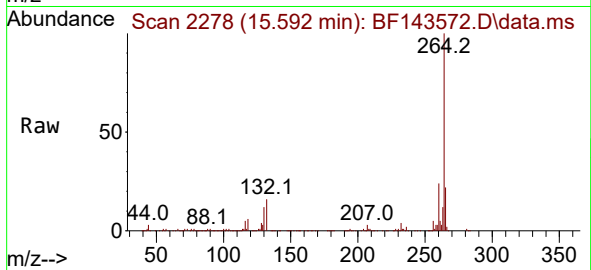
Tgt Ion:149 Resp: 19795
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.2 33.2
 279 4.6 3.6 5.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF143572.D
 Acq: 22 Aug 2025 14:56

Instrument :
 BNA_F
 ClientSampleId :
 MW-12B-081925



Tgt Ion:264 Resp: 225338
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 22.1 17.6 26.4

