

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
 Data File : BF143568.D
 Acq On : 22 Aug 2025 13:00
 Operator : RC/JU
 Sample : Q2903-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6B-081925

Quant Time: Aug 22 13:26:16 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)

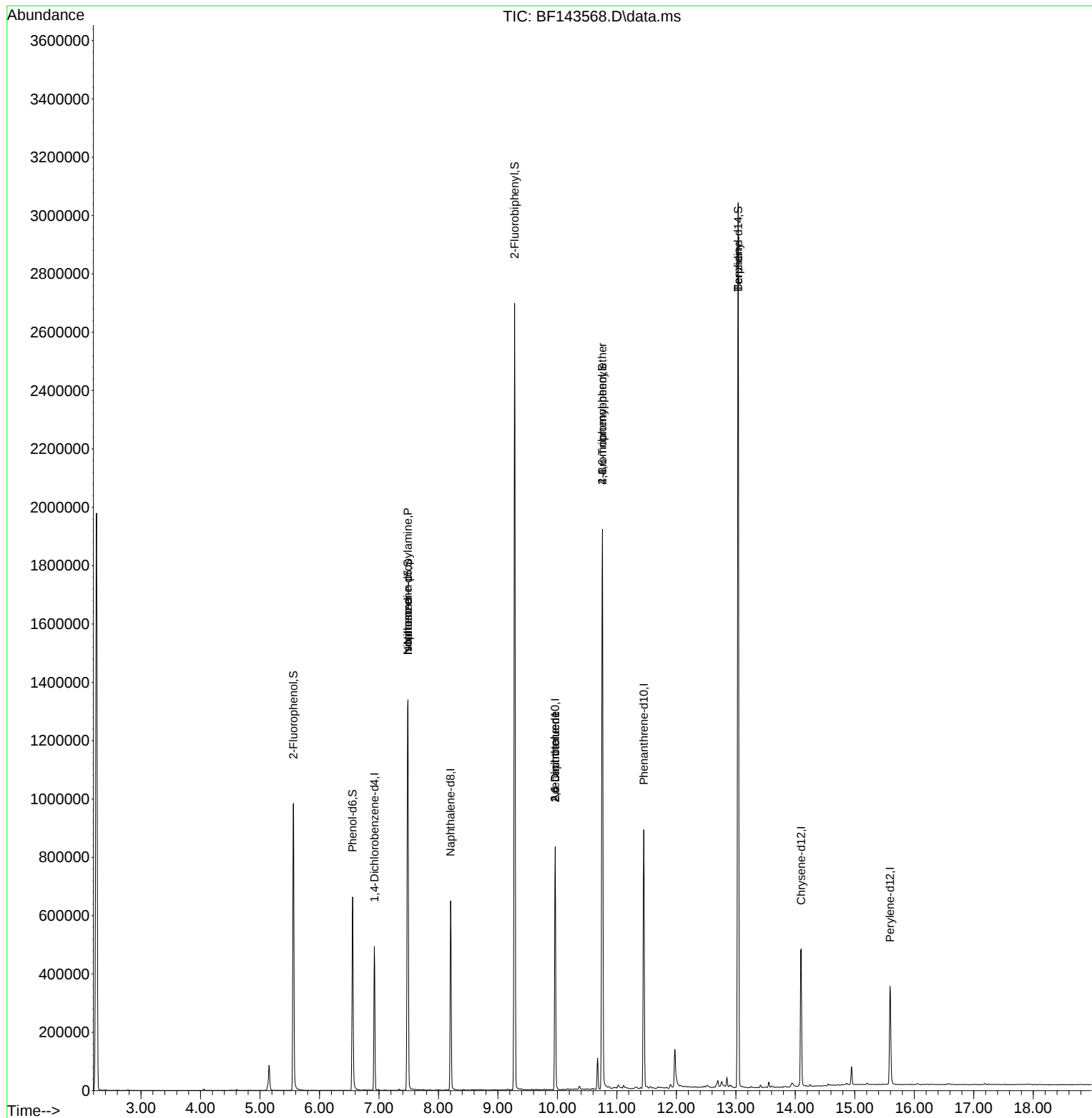
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	99679	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	401264	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	242882	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	443411	20.000	ng	0.00
76) Chrysene-d12	14.098	240	244215	20.000	ng	0.00
86) Perylene-d12	15.592	264	209082	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	367542	64.385	ng	0.00
7) Phenol-d6	6.557	99	293885	41.705	ng	-0.02
23) Nitrobenzene-d5	7.487	82	624744	90.855	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	356913	157.865	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1187697	80.816	ng	0.00
79) Terphenyl-d14	13.039	244	1513655	108.158	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.487	70	88783	20.613	ng	# 77
25) Isophorone	7.487	82	601832	47.746	ng	# 65
51) 2,6-Dinitrotoluene	9.963	165	31332	10.335	ng	# 26
57) 2,4-Dinitrotoluene	9.963	165	31332	7.740	ng	# 26
67) 4-Bromophenyl-phenylether	10.757	248	24008	4.538	ng	# 1
77) Benzidine	13.039	184	18928	3.182	ng	# 91

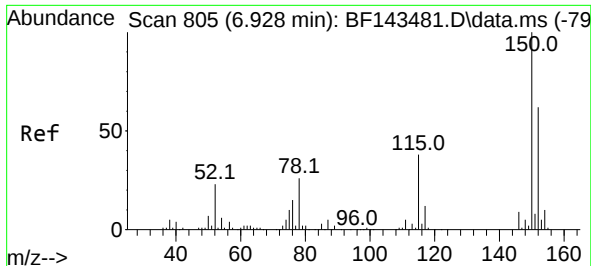
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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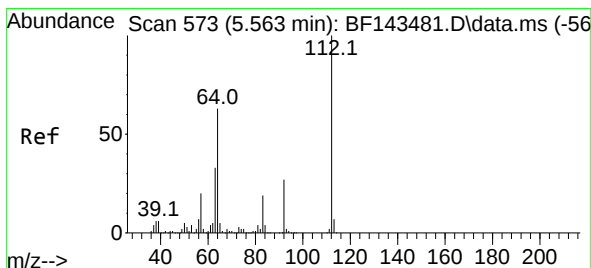
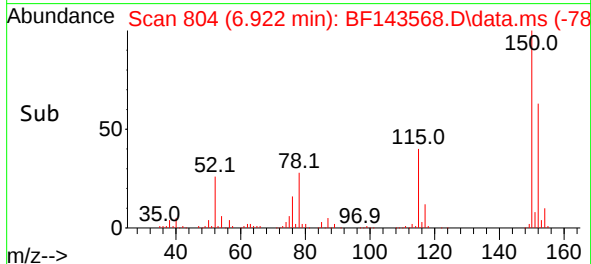
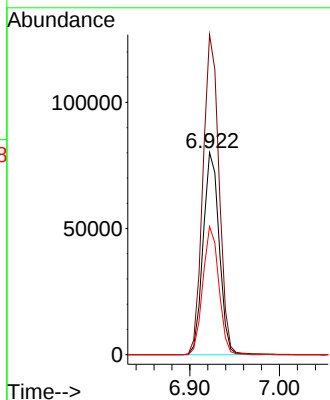
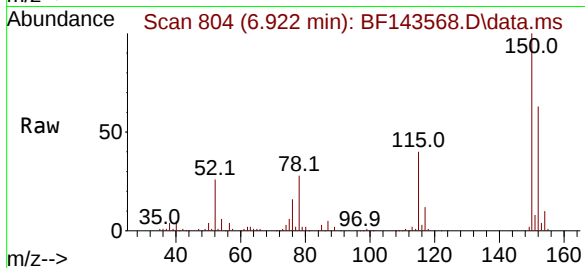




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 805
 Delta R.T. -0.006 min
 Lab File: BF143568.D
 Acq: 22 Aug 2025 13:00

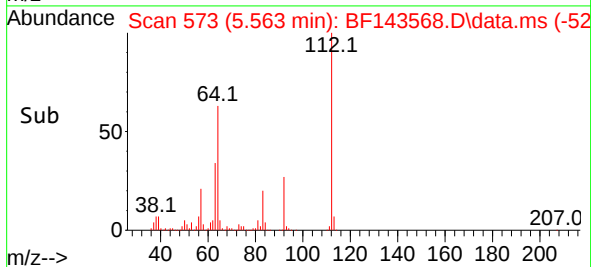
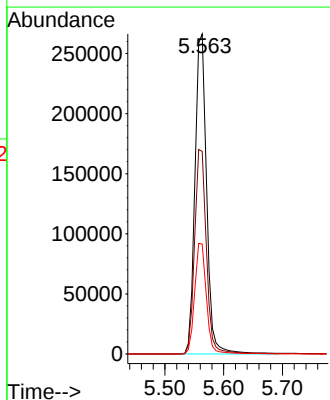
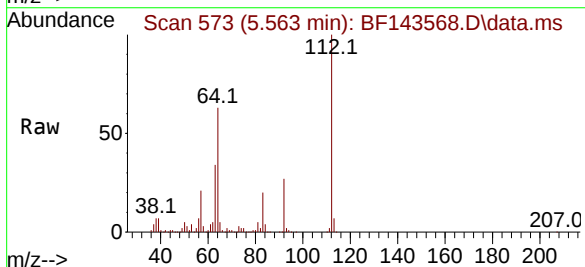
Instrument :
 BNA_F
 ClientSampleId :
 MW-6B-081925

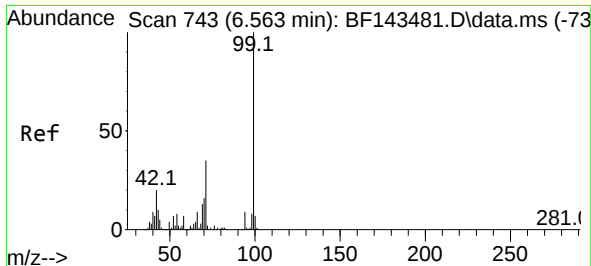
Tgt Ion:152 Resp: 99679
 Ion Ratio Lower Upper
 152 100
 150 158.3 128.9 193.3
 115 63.4 49.2 73.8



#5
 2-Fluorophenol
 Concen: 64.385 ng
 RT: 5.563 min Scan# 573
 Delta R.T. 0.000 min
 Lab File: BF143568.D
 Acq: 22 Aug 2025 13:00

Tgt Ion:112 Resp: 367542
 Ion Ratio Lower Upper
 112 100
 64 63.3 50.4 75.6
 63 34.3 26.4 39.6

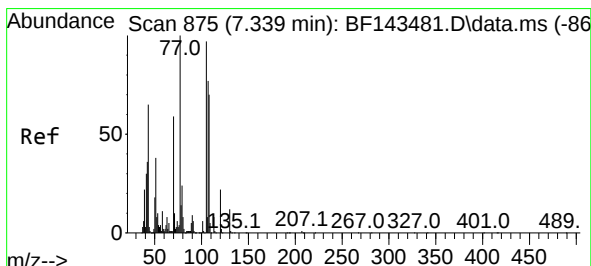
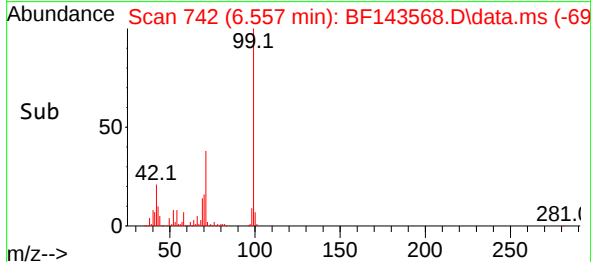
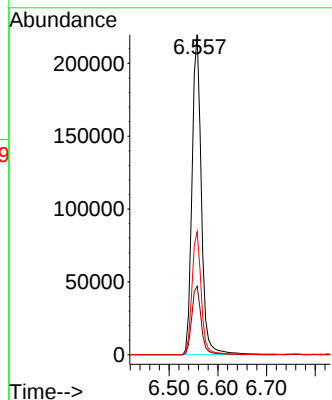
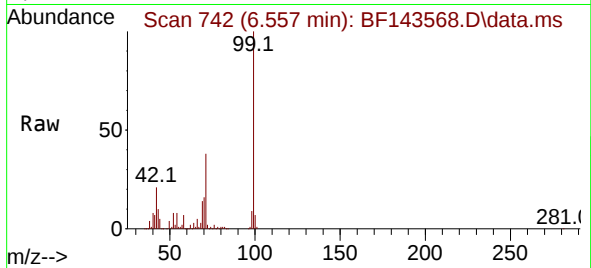




#7
Phenol-d6
Concen: 41.705 ng
RT: 6.557 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

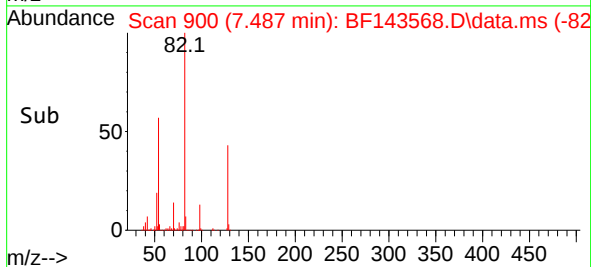
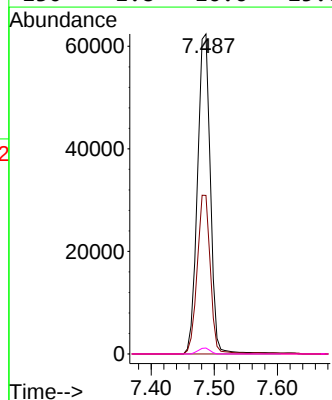
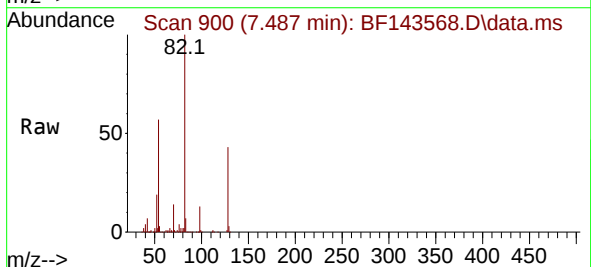
Instrument :
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ClientSampleId :
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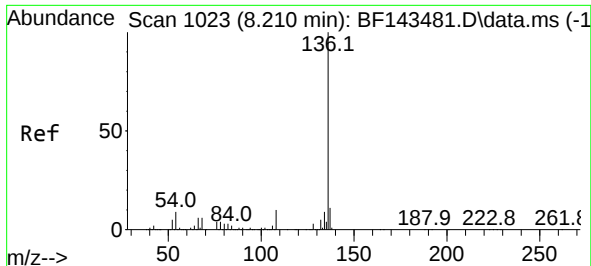
Tgt Ion: 99 Resp: 293885
Ion Ratio Lower Upper
99 100
42 21.4 16.3 24.5
71 38.4 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 20.613 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.135 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

Tgt Ion: 70 Resp: 88783
Ion Ratio Lower Upper
70 100
42 49.5 49.3 73.9
101 0.0 7.8 11.8#
130 1.8 16.6 25.0#



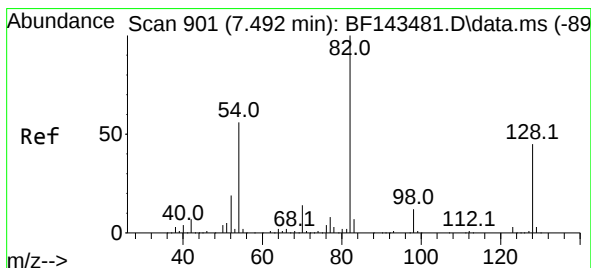
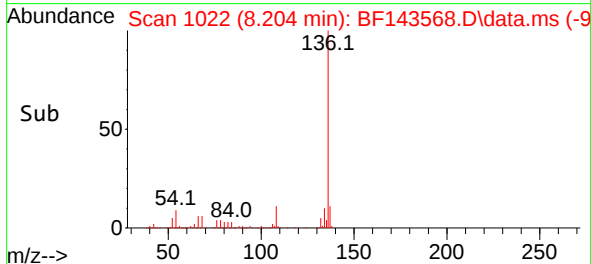
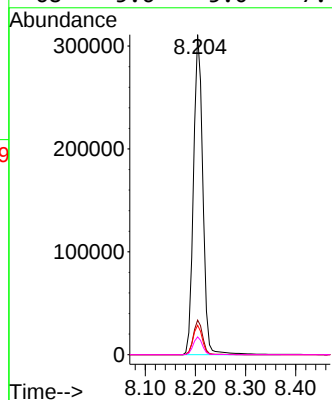
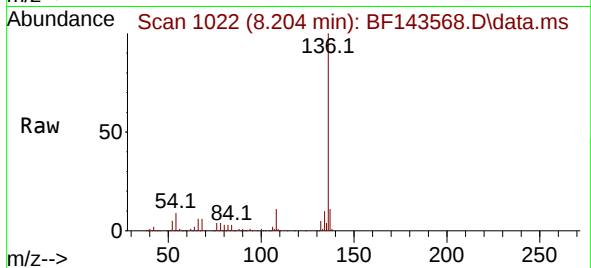


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925

Tgt Ion:136 Resp: 401264

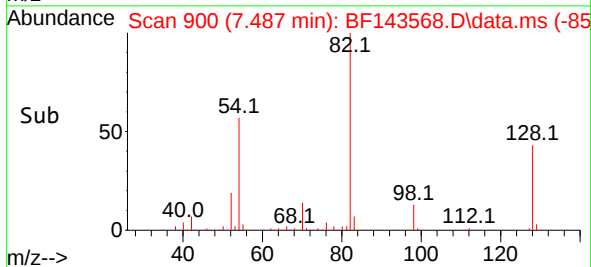
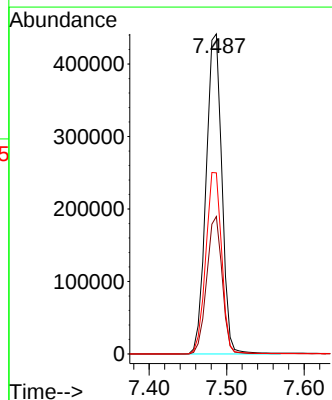
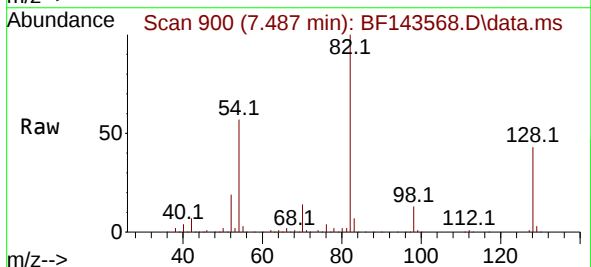
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	9.2	7.4	11.2
68	5.6	5.0	7.4

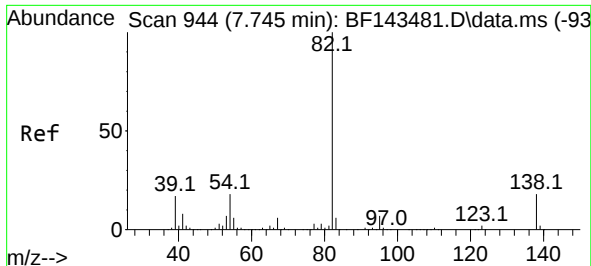


#23
Nitrobenzene-d5
Concen: 90.855 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

Tgt Ion: 82 Resp: 624744

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.5	53.3
54	56.6	44.3	66.5

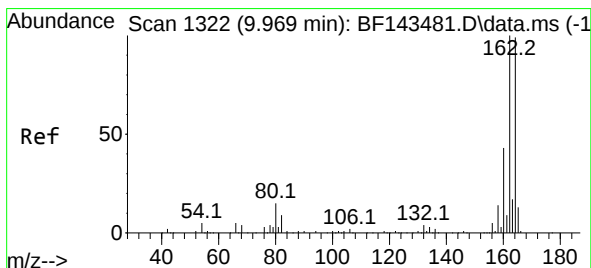
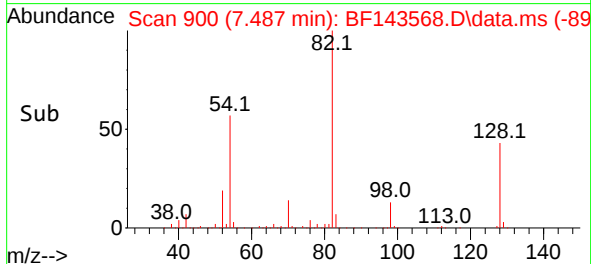
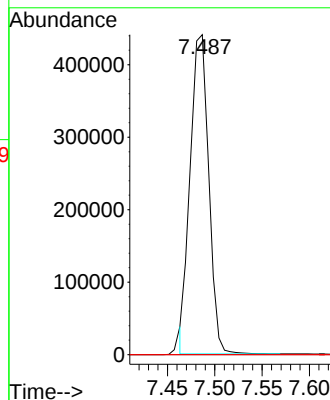
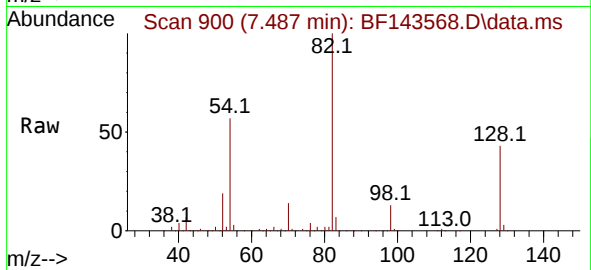




#25
Isophorone
Concen: 47.746 ng
RT: 7.487 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

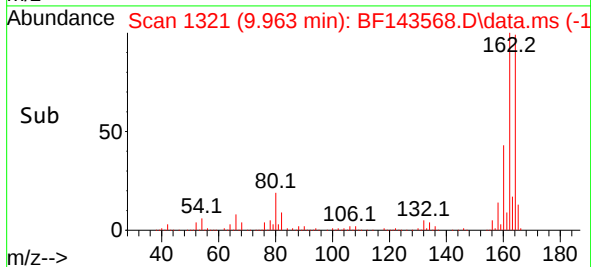
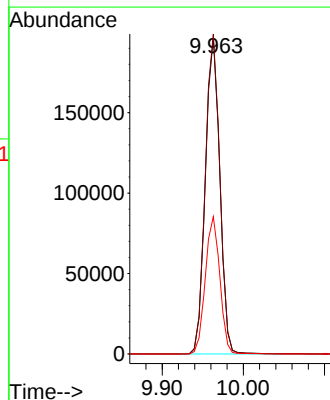
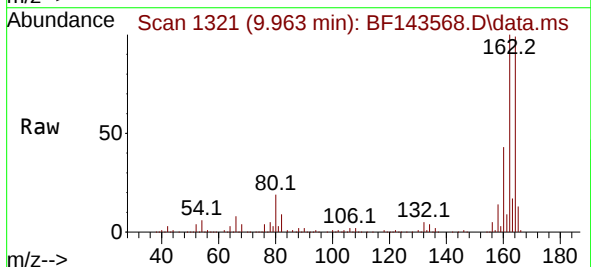
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ClientSampleId :
MW-6B-081925

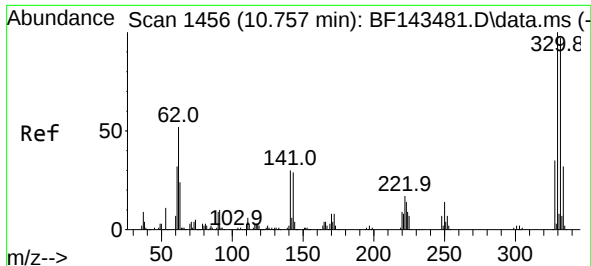
Tgt Ion: 82 Resp: 601832
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 14.2 21.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

Tgt Ion:164 Resp: 242882
Ion Ratio Lower Upper
164 100
162 101.2 80.5 120.7
160 43.4 34.3 51.5

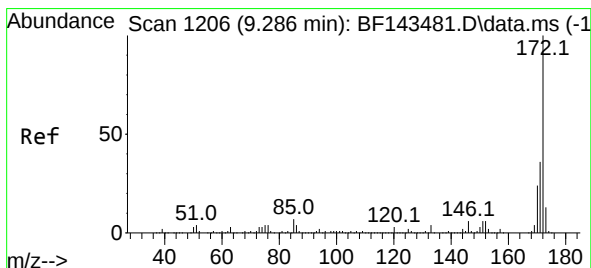
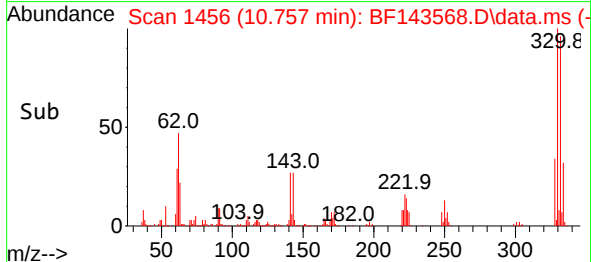
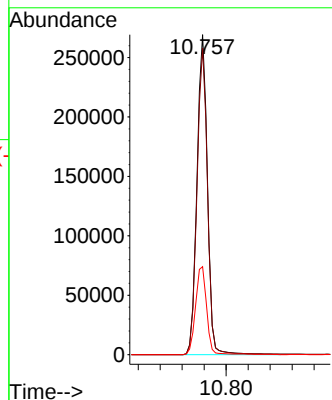
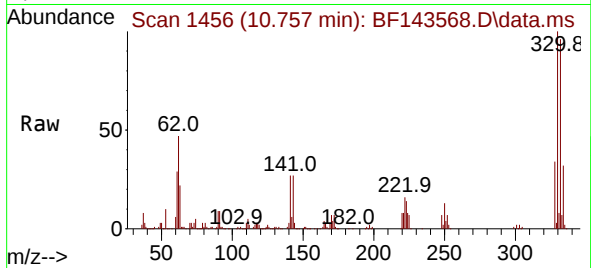




#42
2,4,6-Tribromophenol
Concen: 157.865 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

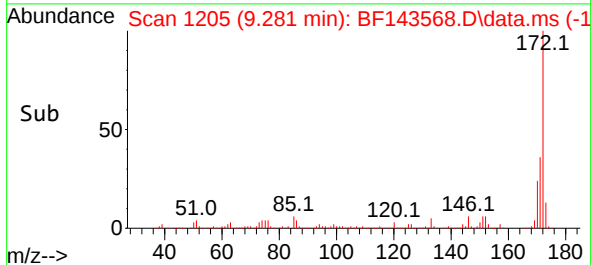
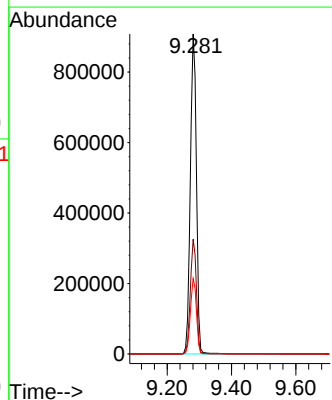
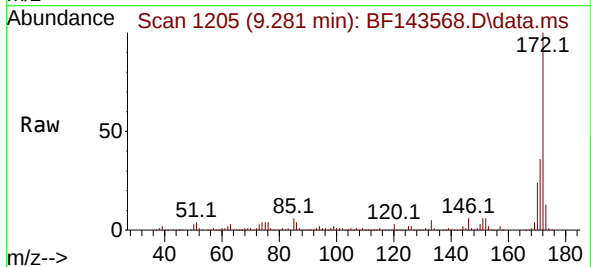
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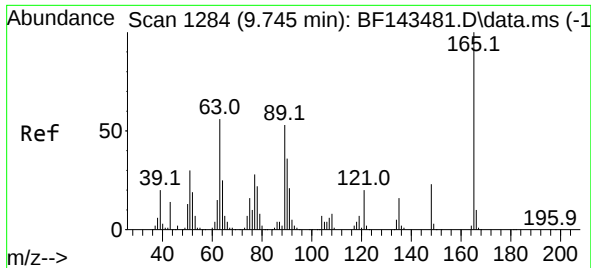
Tgt Ion:330 Resp: 356913
Ion Ratio Lower Upper
330 100
332 95.8 78.0 117.0
141 29.3 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 80.816 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

Tgt Ion:172 Resp: 1187697
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.6 18.8 28.2

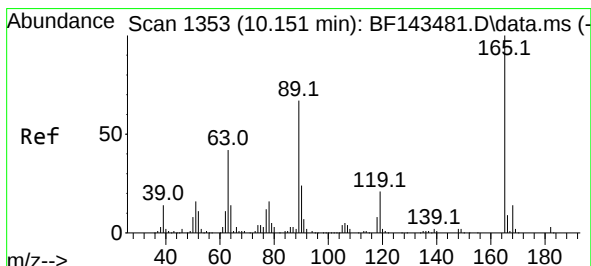
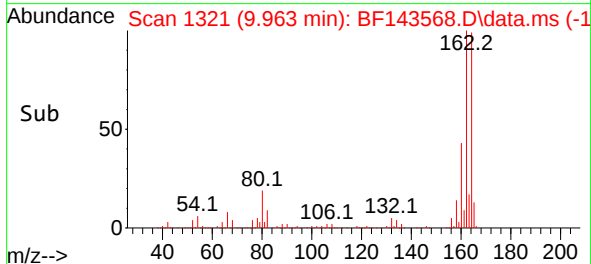
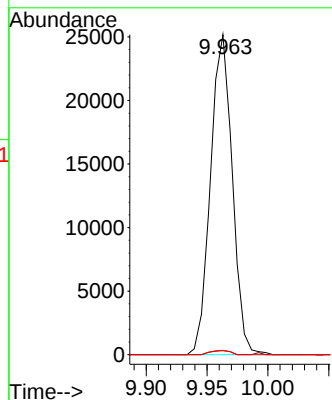
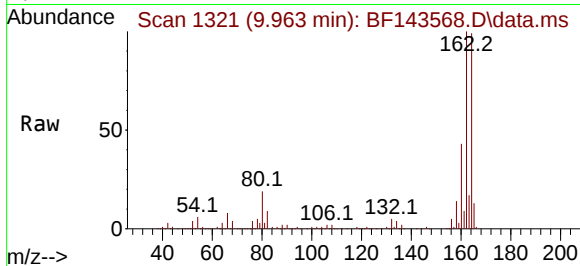




#51
2,6-Dinitrotoluene
Concen: 10.335 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

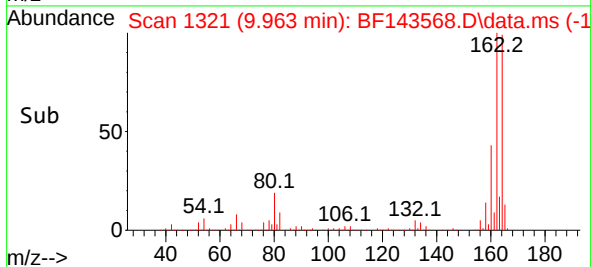
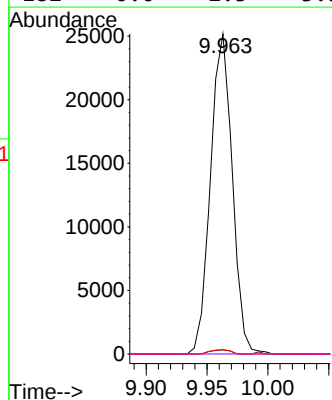
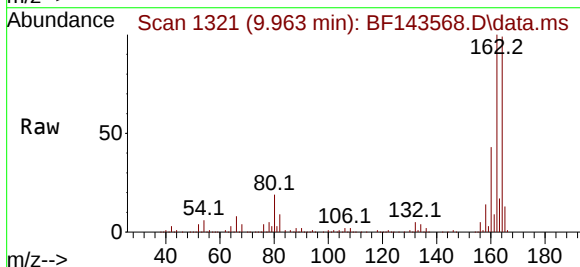
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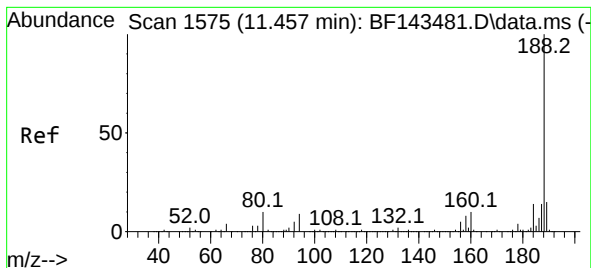
Tgt Ion:165 Resp: 31332
Ion Ratio Lower Upper
165 100
63 1.2 45.0 67.6#
89 1.4 42.5 63.7#



#57
2,4-Dinitrotoluene
Concen: 7.740 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

Tgt Ion:165 Resp: 31332
Ion Ratio Lower Upper
165 100
63 1.2 34.9 52.3#
89 1.4 53.3 79.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143568.D

Acq: 22 Aug 2025 13:00

Instrument :

BNA_F

ClientSampleId :

MW-6B-081925

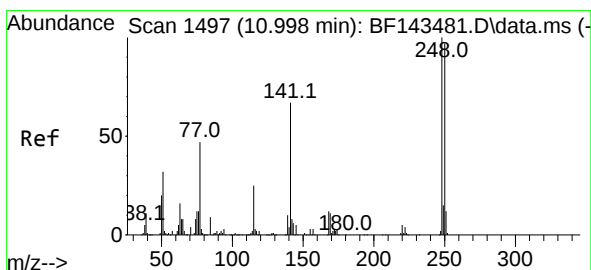
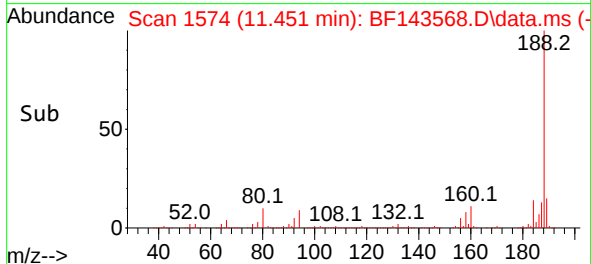
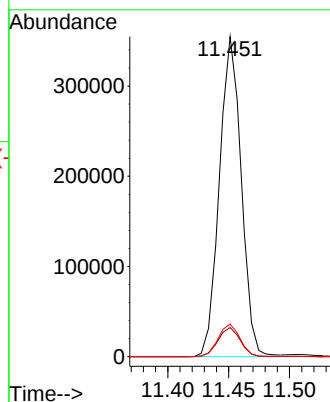
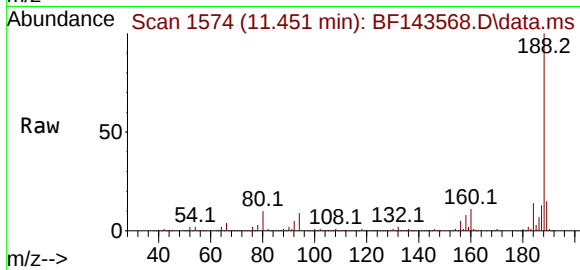
Tgt Ion:188 Resp: 443411

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

80 10.2 8.2 12.4



#67

4-Bromophenyl-phenylether

Concen: 4.538 ng

RT: 10.757 min Scan# 1456

Delta R.T. -0.241 min

Lab File: BF143568.D

Acq: 22 Aug 2025 13:00

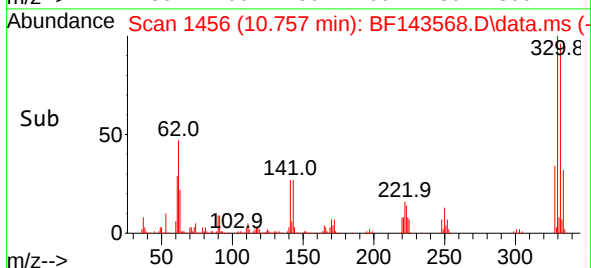
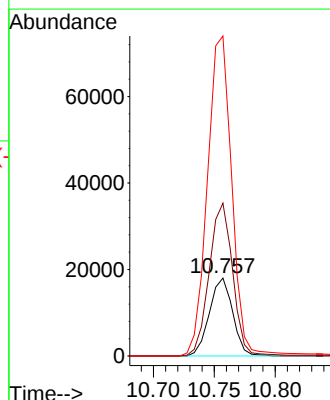
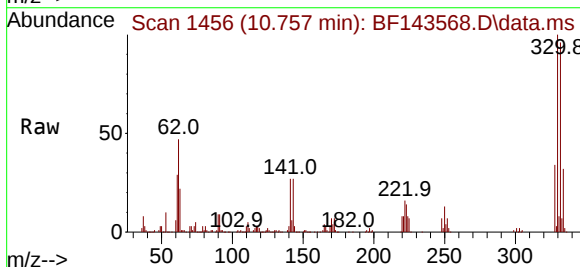
Tgt Ion:248 Resp: 24008

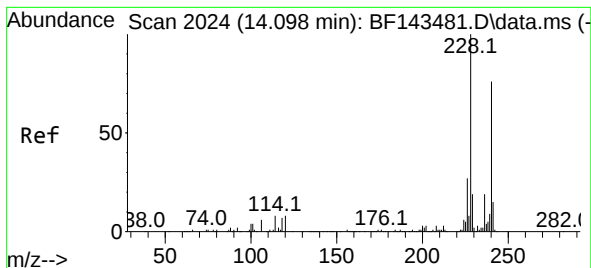
Ion Ratio Lower Upper

248 100

250 196.1 77.8 116.8#

141 410.6 54.0 81.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143568.D

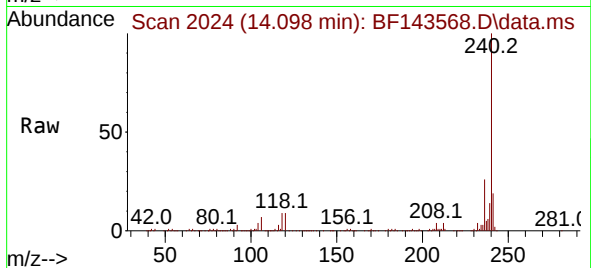
Acq: 22 Aug 2025 13:00

Instrument :

BNA_F

ClientSampleId :

MW-6B-081925



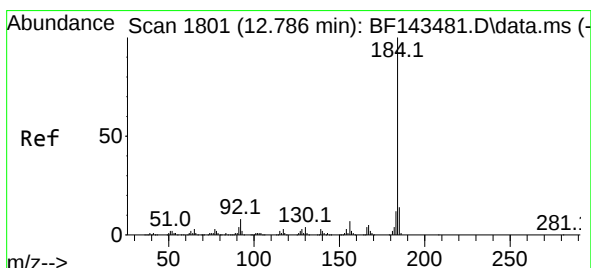
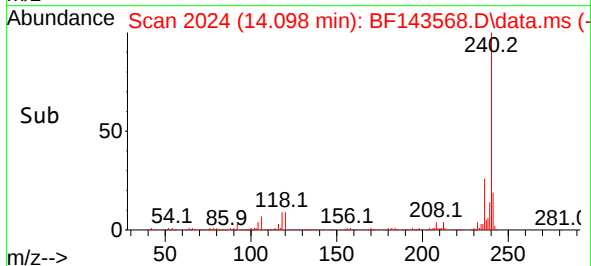
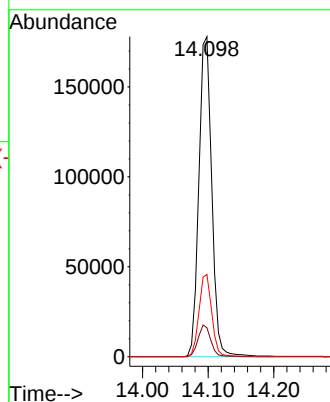
Tgt Ion:240 Resp: 244215

Ion Ratio Lower Upper

240 100

120 9.0 8.6 12.8

236 25.7 20.4 30.6



#77

Benzidine

Concen: 3.182 ng

RT: 13.039 min Scan# 1844

Delta R.T. 0.253 min

Lab File: BF143568.D

Acq: 22 Aug 2025 13:00

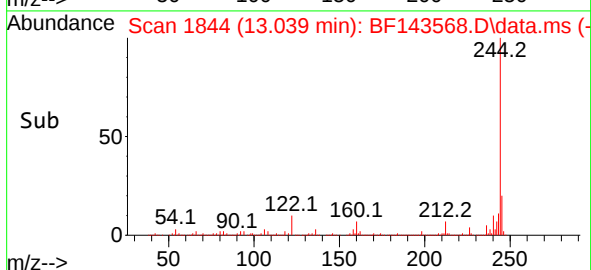
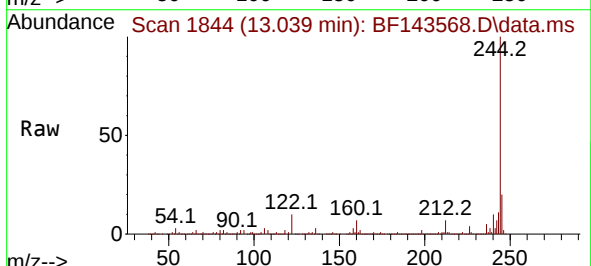
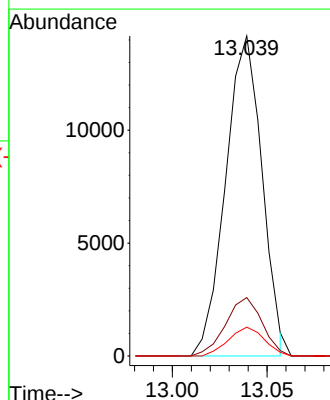
Tgt Ion:184 Resp: 18928

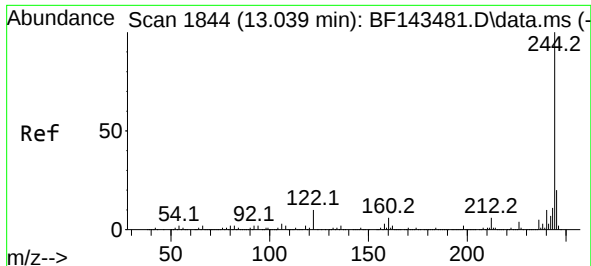
Ion Ratio Lower Upper

184 100

185 18.3 11.3 16.9#

183 9.0 9.5 14.3#

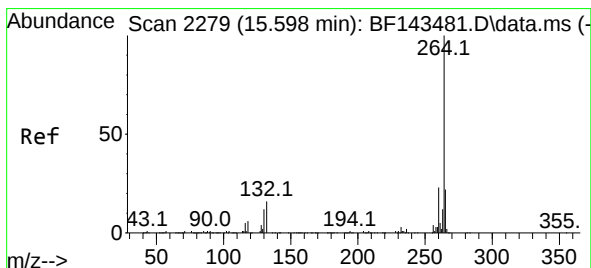
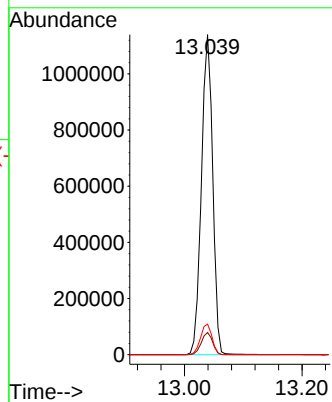
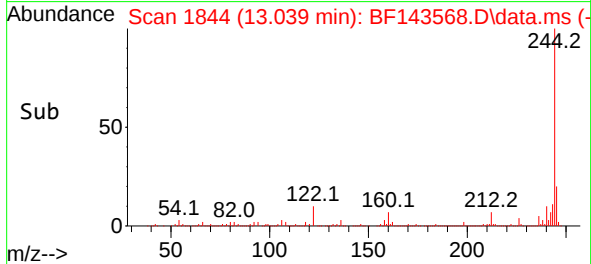
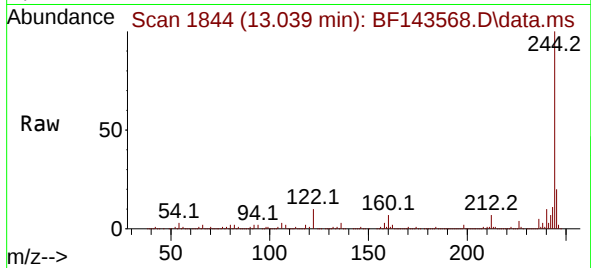




#79
 Terphenyl-d14
 Concen: 108.158 ng
 RT: 13.039 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: BF143568.D
 Acq: 22 Aug 2025 13:00

Instrument :
 BNA_F
 ClientSampleId :
 MW-6B-081925

Tgt Ion:244 Resp: 1513655
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.2 7.8
 122 9.6 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: BF143568.D
 Acq: 22 Aug 2025 13:00

Tgt Ion:264 Resp: 209082
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.5 17.6 26.4

