

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
 Data File : BF143566.D
 Acq On : 22 Aug 2025 12:02
 Operator : RC/JU
 Sample : Q2903-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6A-081925

Quant Time: Aug 22 12:23:59 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)

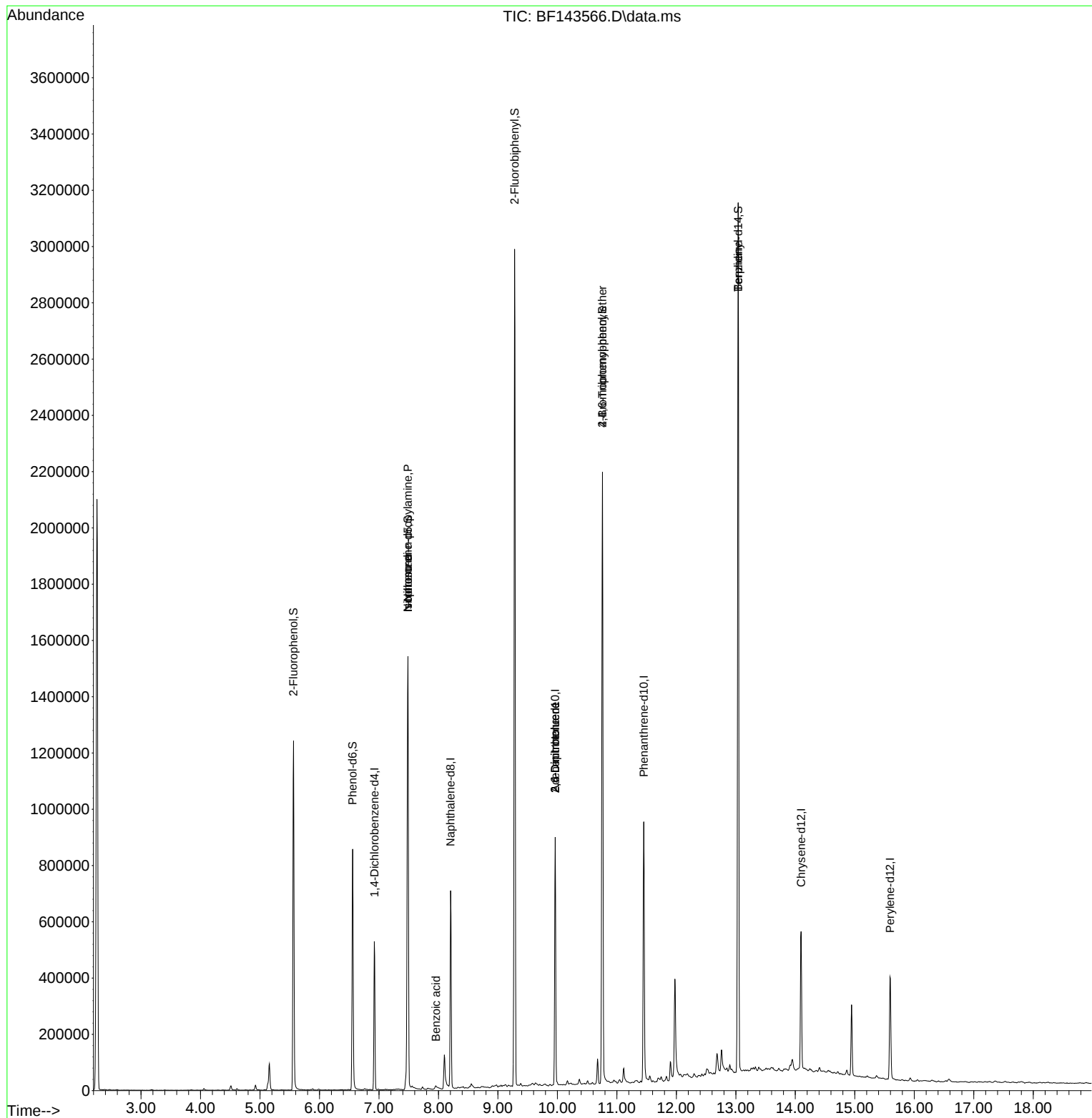
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	108481	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	426866	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	257748	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	457617	20.000	ng	0.00
76) Chrysene-d12	14.098	240	250701	20.000	ng	0.00
86) Perylene-d12	15.592	264	223630	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	438580	70.596	ng	0.00
7) Phenol-d6	6.557	99	372380	48.556	ng	-0.02
23) Nitrobenzene-d5	7.487	82	720621	98.513	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	408642	170.320	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1337994	85.792	ng	0.00
79) Terphenyl-d14	13.039	244	1549381	107.847	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.487	70	100895	21.524	ng	# 78
25) Isophorone	7.487	82	694984	51.829	ng	# 65
32) Benzoic acid	7.957	122	2750	6.267	ng	90
51) 2,6-Dinitrotoluene	9.963	165	33294	10.348	ng	# 26
57) 2,4-Dinitrotoluene	9.963	165	33294	7.750	ng	# 27
67) 4-Bromophenyl-phenylether	10.757	248	27346	5.008	ng	# 1
77) Benzidine	13.039	184	20554	3.366	ng	95

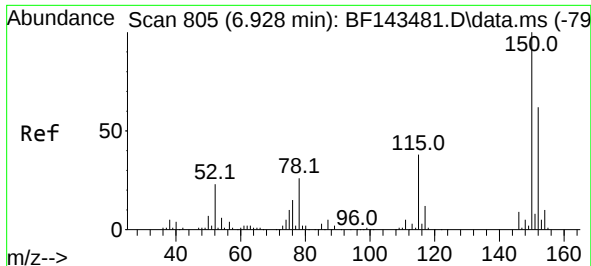
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
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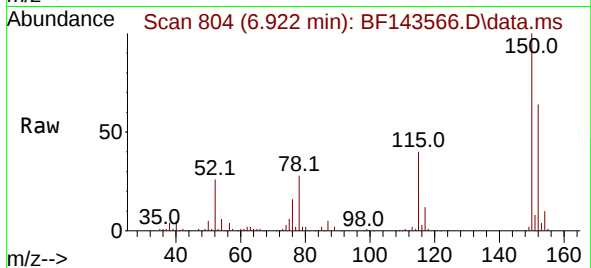
Quant Time: Aug 22 12:23:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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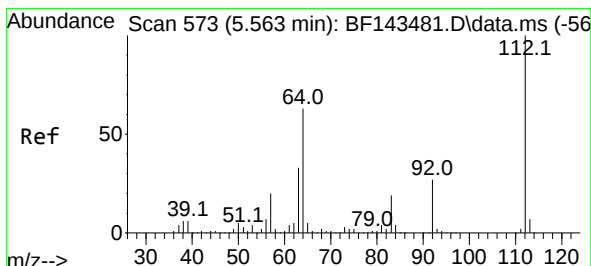
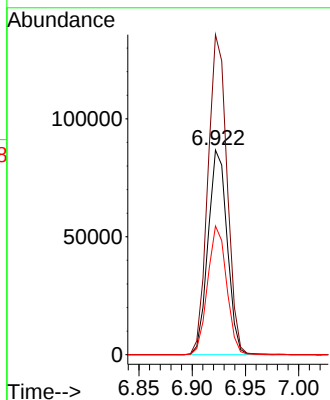
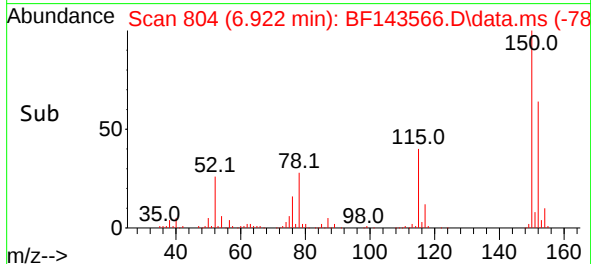


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF143566.D
Acq: 22 Aug 2025 12:02

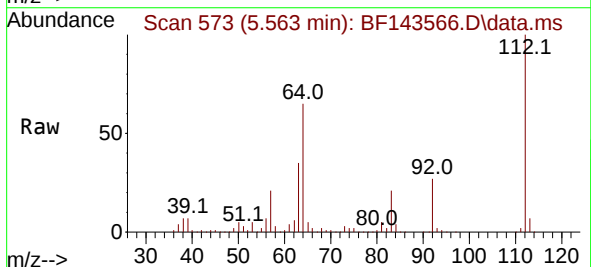
Instrument :
BNA_F
ClientSampleId :
MW-6A-081925



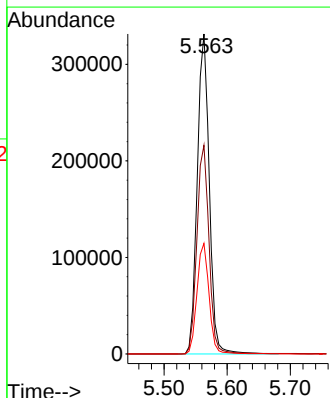
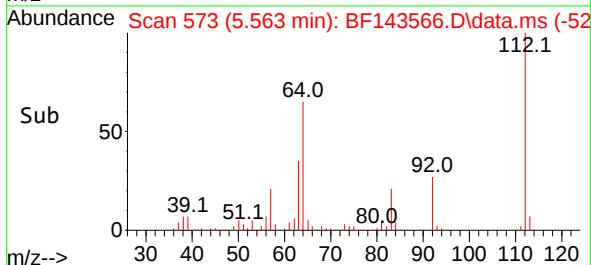
Tgt Ion:152 Resp: 108481
Ion Ratio Lower Upper
152 100
150 156.4 128.9 193.3
115 62.9 49.2 73.8

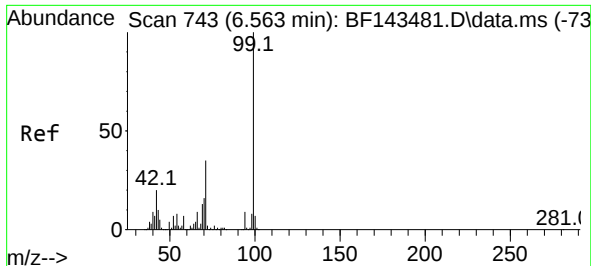


#5
2-Fluorophenol
Concen: 70.596 ng
RT: 5.563 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF143566.D
Acq: 22 Aug 2025 12:02



Tgt Ion:112 Resp: 438580
Ion Ratio Lower Upper
112 100
64 65.2 50.4 75.6
63 34.5 26.4 39.6

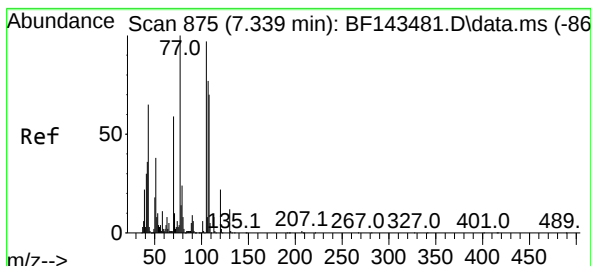
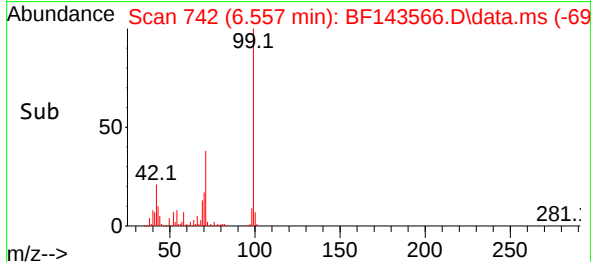
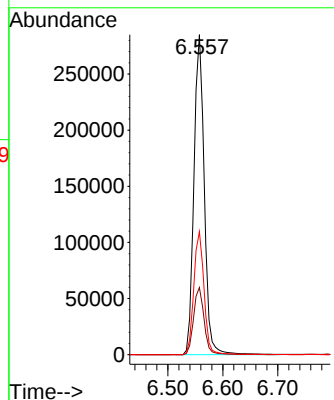
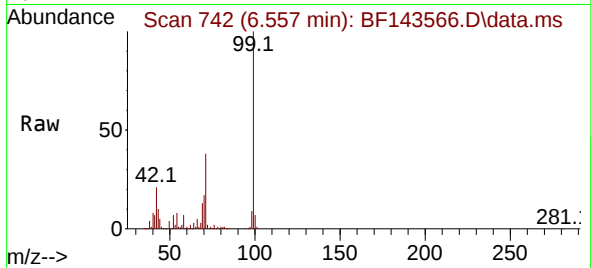




#7
Phenol-d6
Concen: 48.556 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF143566.D
Acq: 22 Aug 2025 12:02

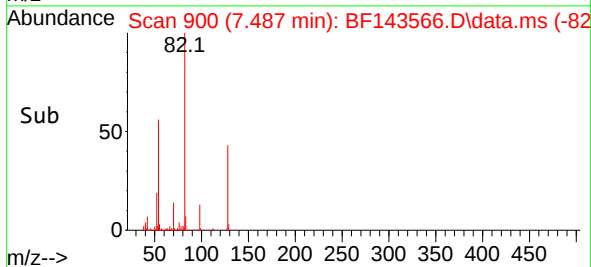
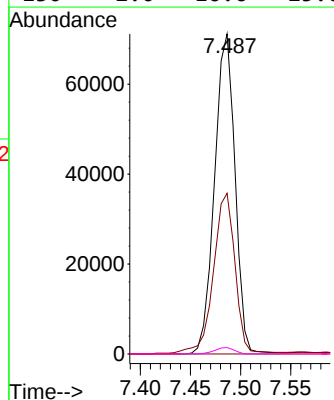
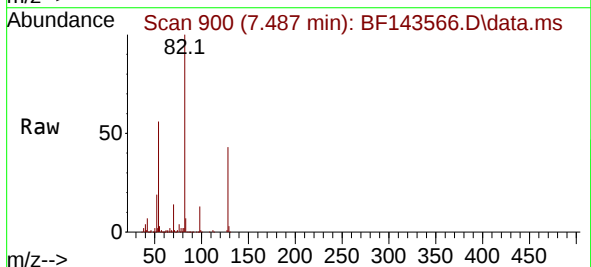
Instrument :
BNA_F
ClientSampleId :
MW-6A-081925

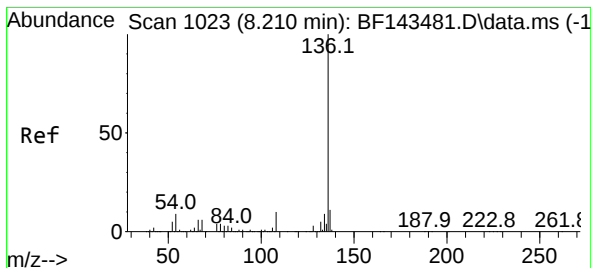
Tgt Ion: 99 Resp: 372380
Ion Ratio Lower Upper
99 100
42 21.0 16.3 24.5
71 38.4 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 21.524 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.135 min
Lab File: BF143566.D
Acq: 22 Aug 2025 12:02

Tgt Ion: 70 Resp: 100895
Ion Ratio Lower Upper
70 100
42 50.2 49.3 73.9
101 0.0 7.8 11.8#
130 2.0 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.204 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143566.D

Acq: 22 Aug 2025 12:02

Instrument :

BNA_F

ClientSampleId :

MW-6A-081925

Tgt Ion:136 Resp: 426866

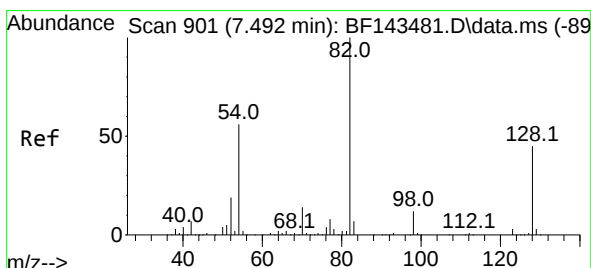
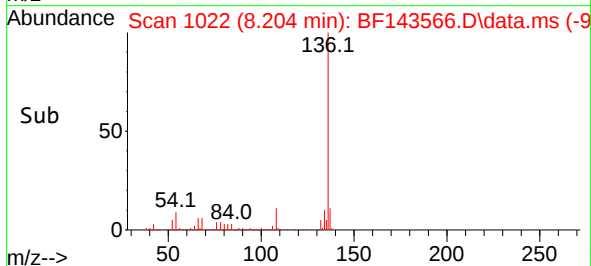
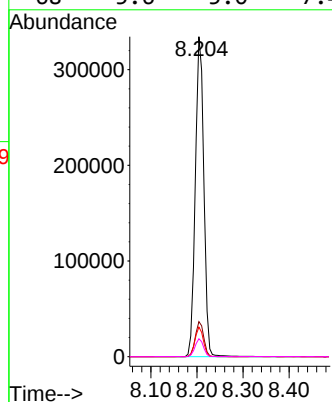
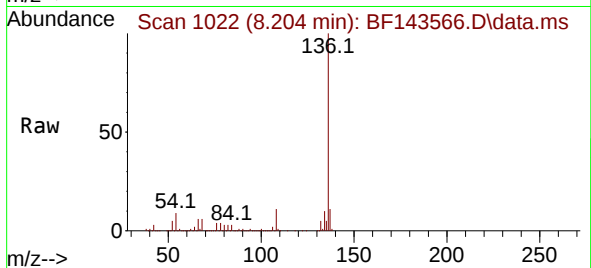
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 9.2 7.4 11.2

68 5.6 5.0 7.4



#23

Nitrobenzene-d5

Concen: 98.513 ng

RT: 7.487 min Scan# 900

Delta R.T. -0.012 min

Lab File: BF143566.D

Acq: 22 Aug 2025 12:02

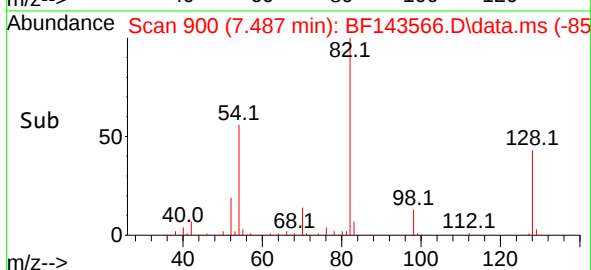
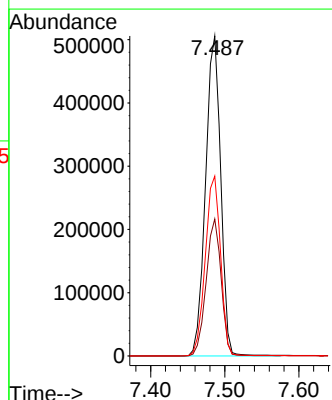
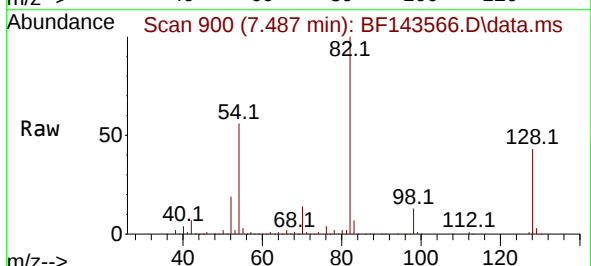
Tgt Ion: 82 Resp: 720621

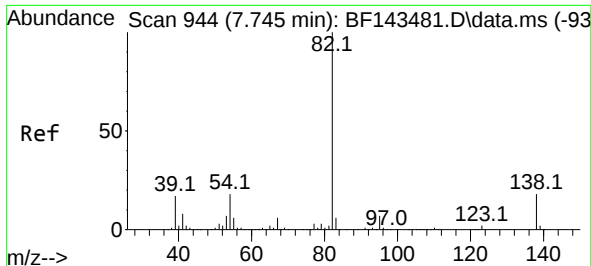
Ion Ratio Lower Upper

82 100

128 42.8 35.5 53.3

54 56.2 44.3 66.5

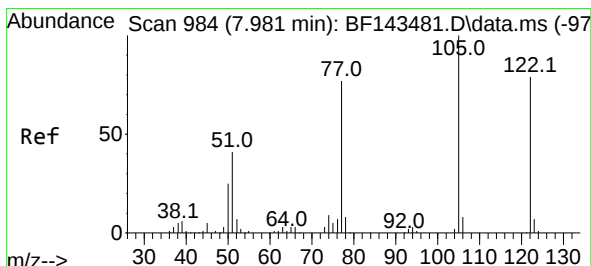
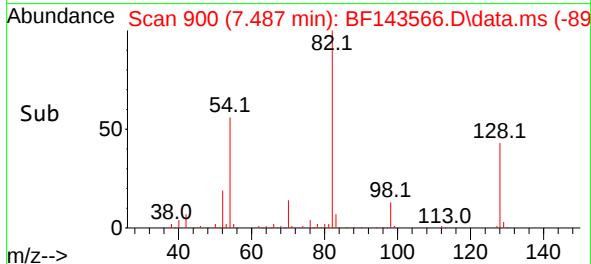
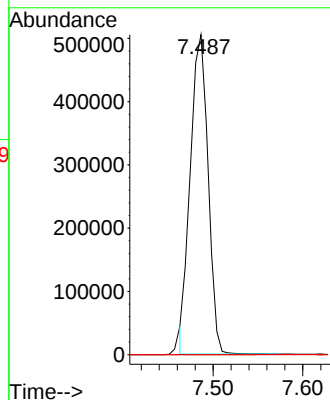
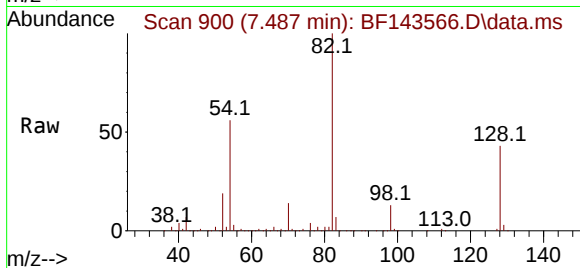




#25
Isophorone
Concen: 51.829 ng
RT: 7.487 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF143566.D
Acq: 22 Aug 2025 12:02

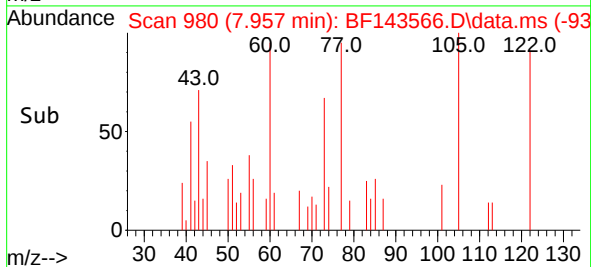
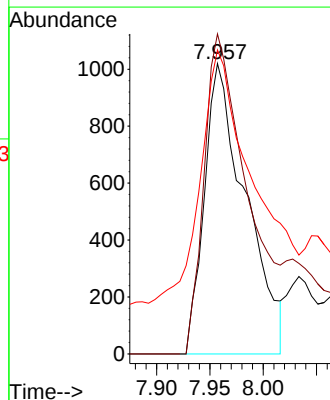
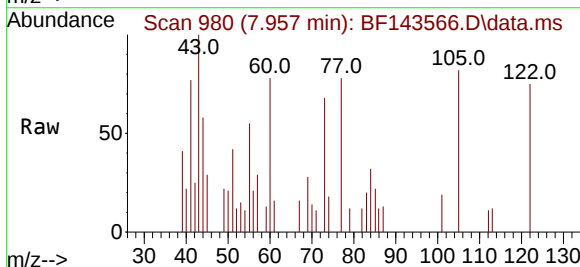
Instrument :
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MW-6A-081925

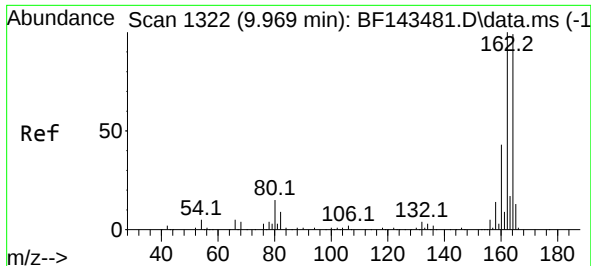
Tgt Ion: 82 Resp: 694984
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 14.2 21.4#



#32
Benzoic acid
Concen: 6.267 ng
RT: 7.957 min Scan# 980
Delta R.T. -0.053 min
Lab File: BF143566.D
Acq: 22 Aug 2025 12:02

Tgt Ion:122 Resp: 2750
Ion Ratio Lower Upper
122 100
105 110.2 104.7 144.7
77 104.7 77.3 117.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143566.D

Acq: 22 Aug 2025 12:02

Instrument :

BNA_F

ClientSampleId :

MW-6A-081925

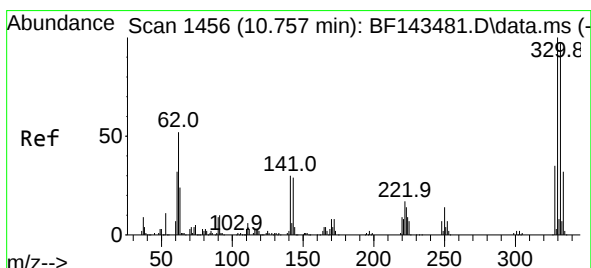
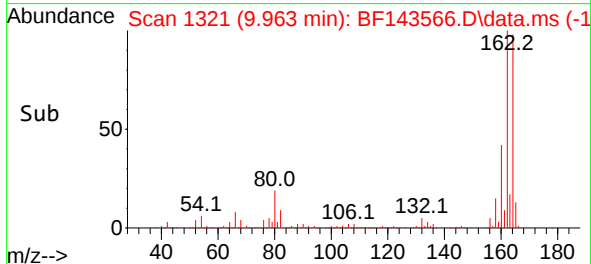
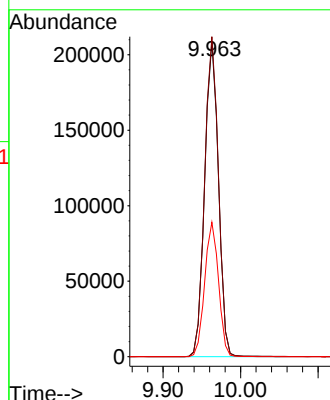
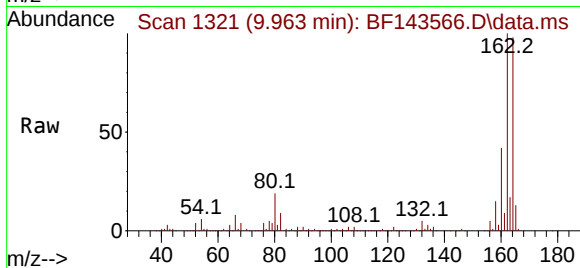
Tgt Ion:164 Resp: 257748

Ion Ratio Lower Upper

164 100

162 101.6 80.5 120.7

160 42.7 34.3 51.5



#42

2,4,6-Tribromophenol

Concen: 170.320 ng

RT: 10.757 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF143566.D

Acq: 22 Aug 2025 12:02

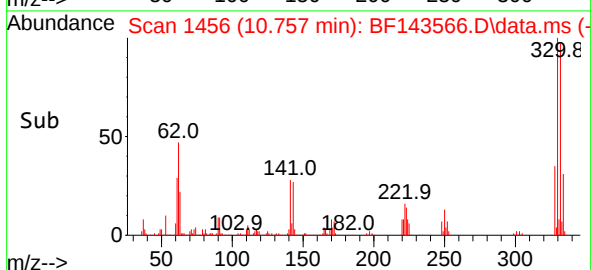
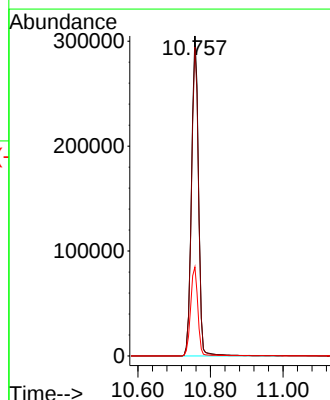
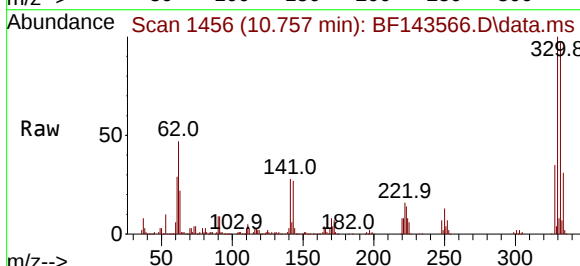
Tgt Ion:330 Resp: 408642

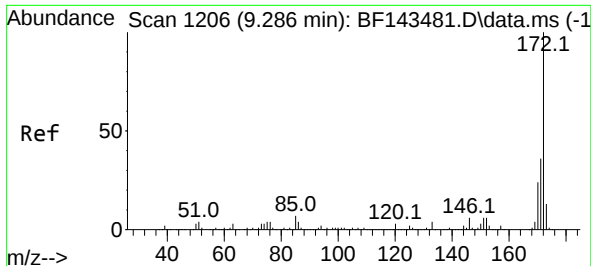
Ion Ratio Lower Upper

330 100

332 96.6 78.0 117.0

141 28.9 23.7 35.5





#45

2-Fluorobiphenyl

Concen: 85.792 ng

RT: 9.281 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143566.D

Acq: 22 Aug 2025 12:02

Instrument :

BNA_F

ClientSampleId :

MW-6A-081925

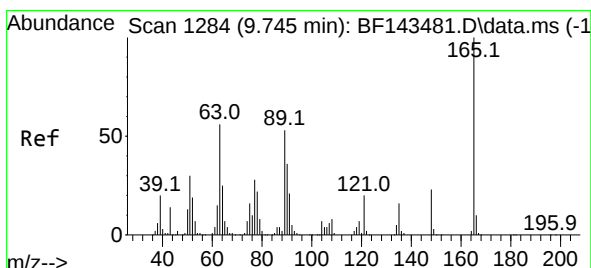
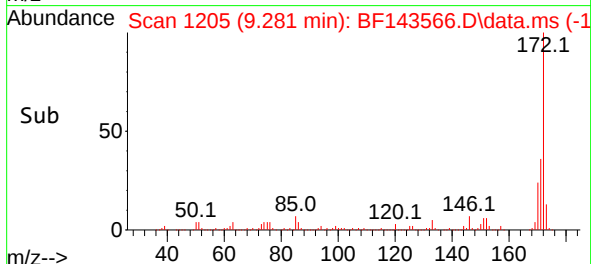
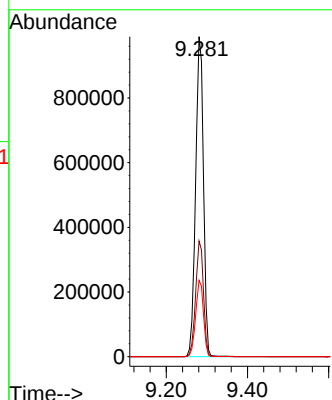
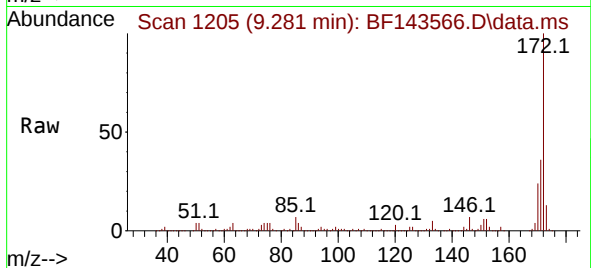
Tgt Ion:172 Resp: 1337994

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 23.9 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 10.348 ng

RT: 9.963 min Scan# 1321

Delta R.T. 0.212 min

Lab File: BF143566.D

Acq: 22 Aug 2025 12:02

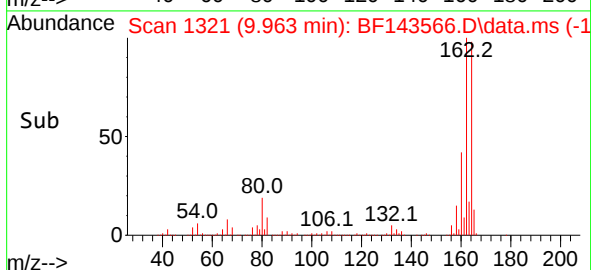
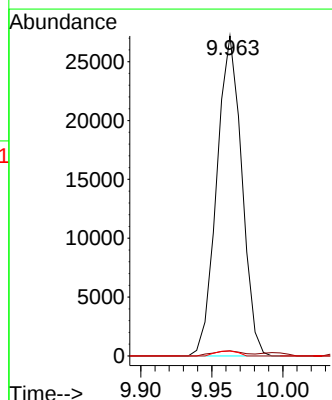
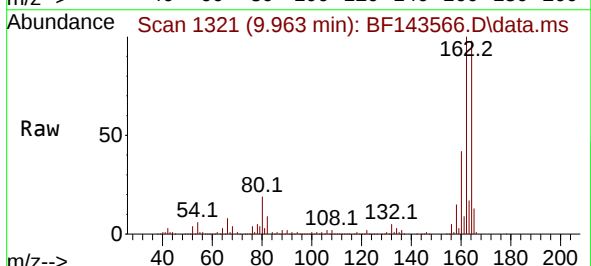
Tgt Ion:165 Resp: 33294

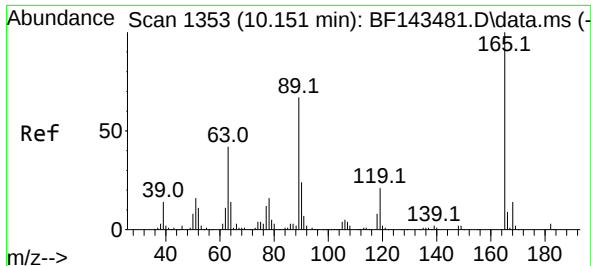
Ion Ratio Lower Upper

165 100

63 1.6 45.0 67.6#

89 1.6 42.5 63.7#

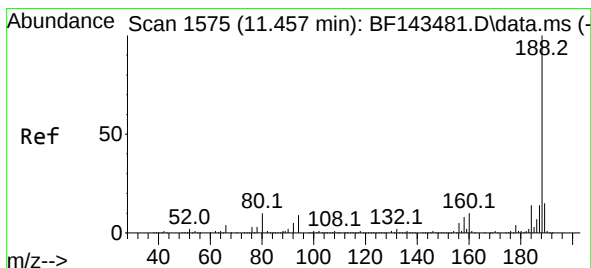
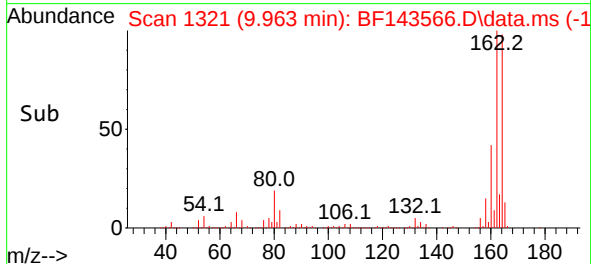
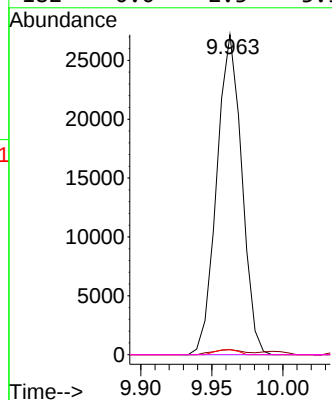
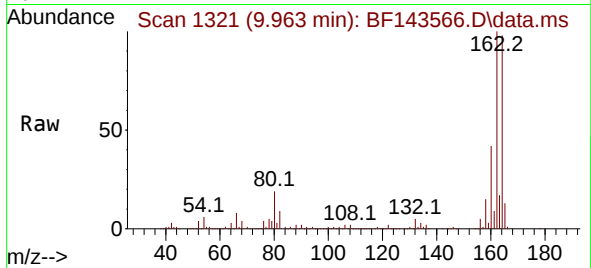




#57
2,4-Dinitrotoluene
Concen: 7.750 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF143566.D
Acq: 22 Aug 2025 12:02

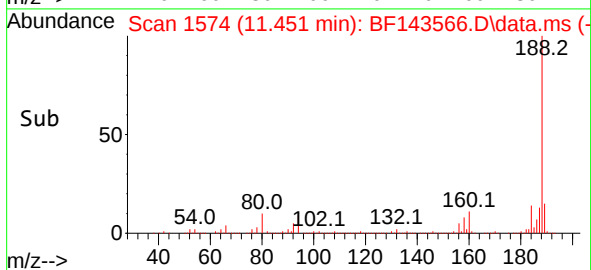
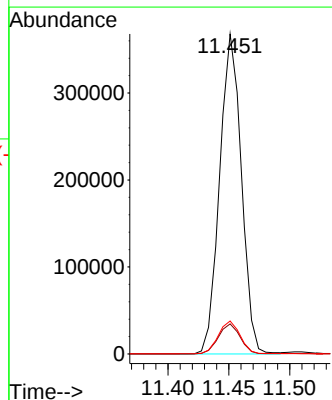
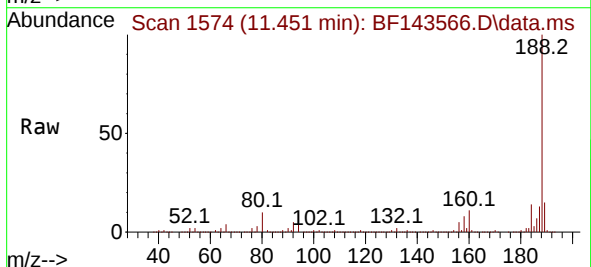
Instrument :
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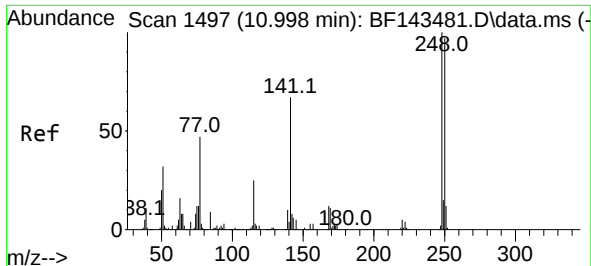
Tgt Ion:165	Resp:	33294
Ion Ratio	Lower	Upper
165	100	
63	1.6	34.9 52.3#
89	1.6	53.3 79.9#
182	0.0	2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF143566.D
Acq: 22 Aug 2025 12:02

Tgt Ion:188	Resp:	457617
Ion Ratio	Lower	Upper
188	100	
94	9.4	7.4 11.2
80	10.3	8.2 12.4

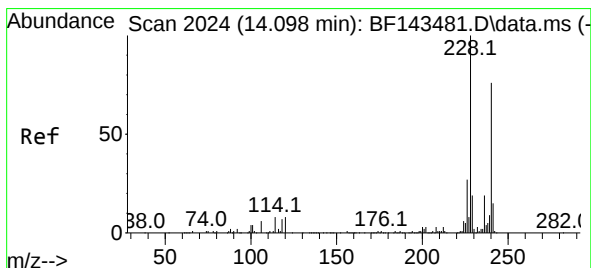
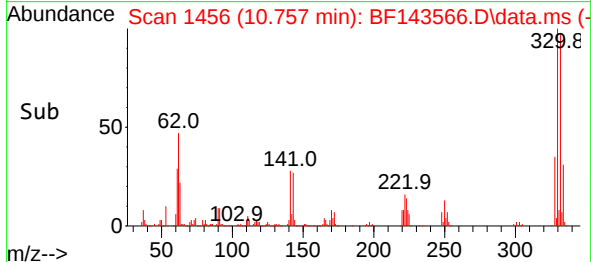
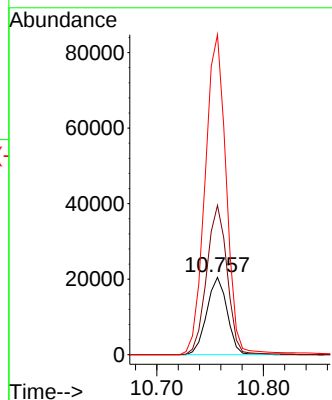
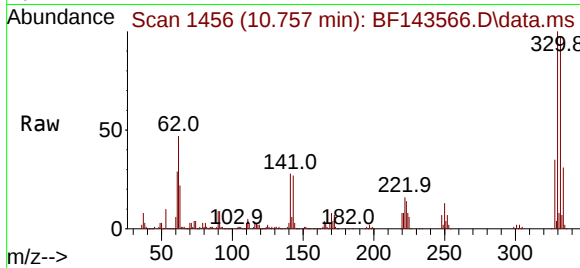




#67
4-Bromophenyl-phenylether
Concen: 5.008 ng
RT: 10.757 min Scan# 141
Delta R.T. -0.241 min
Lab File: BF143566.D
Acq: 22 Aug 2025 12:02

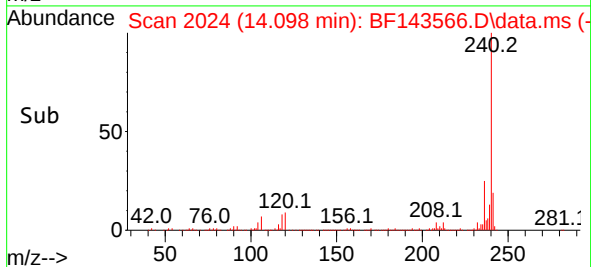
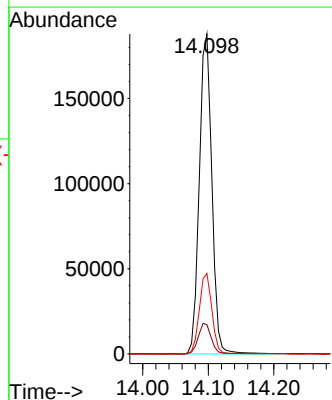
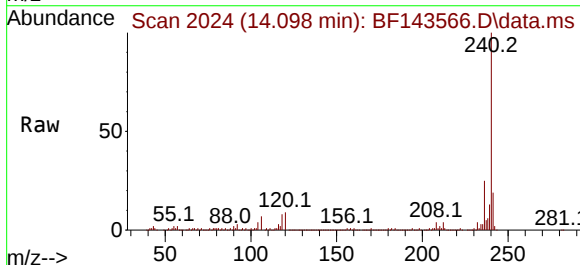
Instrument :
BNA_F
ClientSampleId :
MW-6A-081925

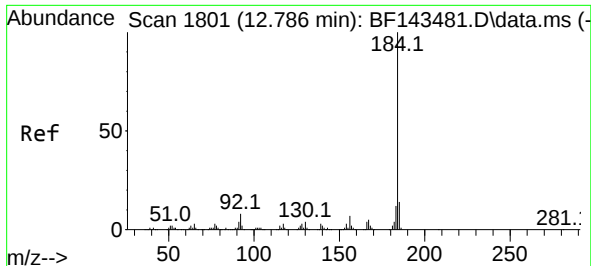
Tgt Ion:248 Resp: 27346
Ion Ratio Lower Upper
248 100
250 193.2 77.8 116.8#
141 414.0 54.0 81.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143566.D
Acq: 22 Aug 2025 12:02

Tgt Ion:240 Resp: 250701
Ion Ratio Lower Upper
240 100
120 9.1 8.6 12.8
236 25.1 20.4 30.6

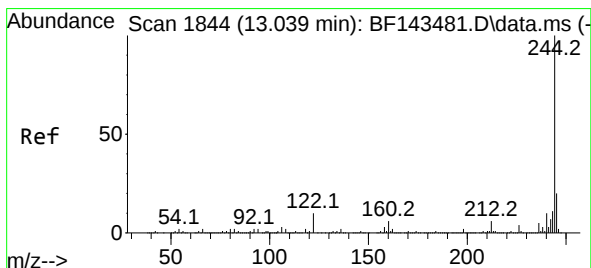
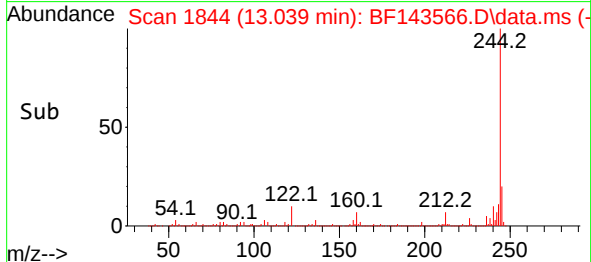
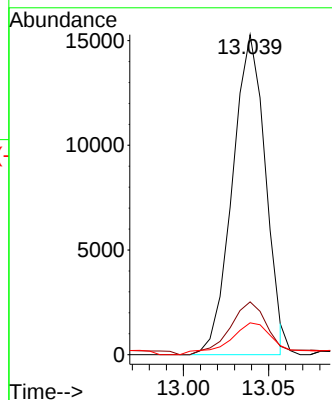
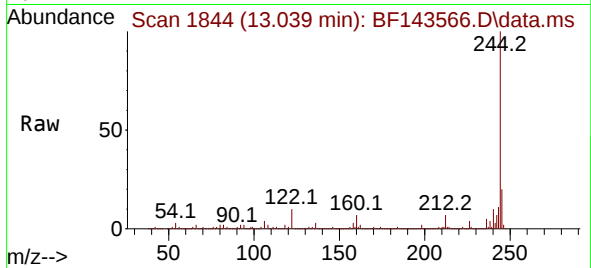




#77
Benzidine
Concen: 3.366 ng
RT: 13.039 min Scan# 1844
Delta R.T. 0.253 min
Lab File: BF143566.D
Acq: 22 Aug 2025 12:02

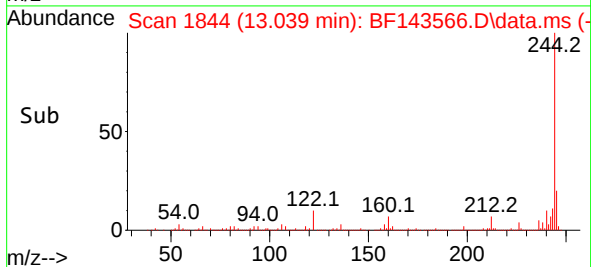
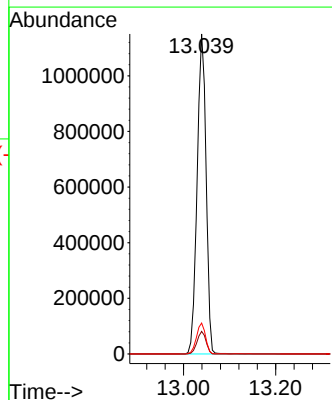
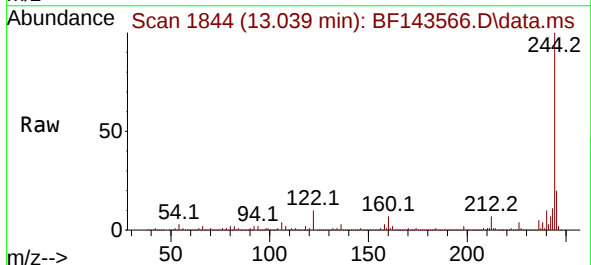
Instrument :
BNA_F
ClientSampleId :
MW-6A-081925

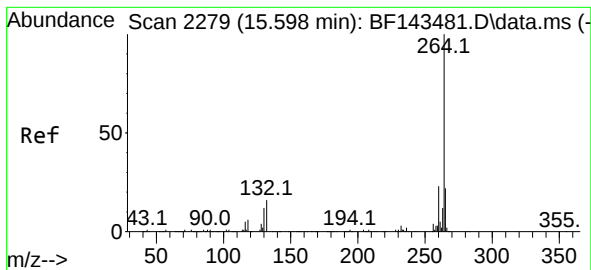
Tgt Ion:184 Resp: 20554
Ion Ratio Lower Upper
184 100
185 16.5 11.3 16.9
183 10.0 9.5 14.3



#79
Terphenyl-d14
Concen: 107.847 ng
RT: 13.039 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF143566.D
Acq: 22 Aug 2025 12:02

Tgt Ion:244 Resp: 1549381
Ion Ratio Lower Upper
244 100
212 7.1 5.2 7.8
122 9.7 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143566.D
Acq: 22 Aug 2025 12:02

Instrument :
BNA_F
ClientSampleId :
MW-6A-081925

Tgt Ion:264 Resp: 223630

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.3	17.6	26.4

