

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
 Data File : BF143736.D
 Acq On : 12 Sep 2025 16:40
 Operator : RC/JU
 Sample : Q3054-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-385

Quant Time: Sep 12 17:05:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

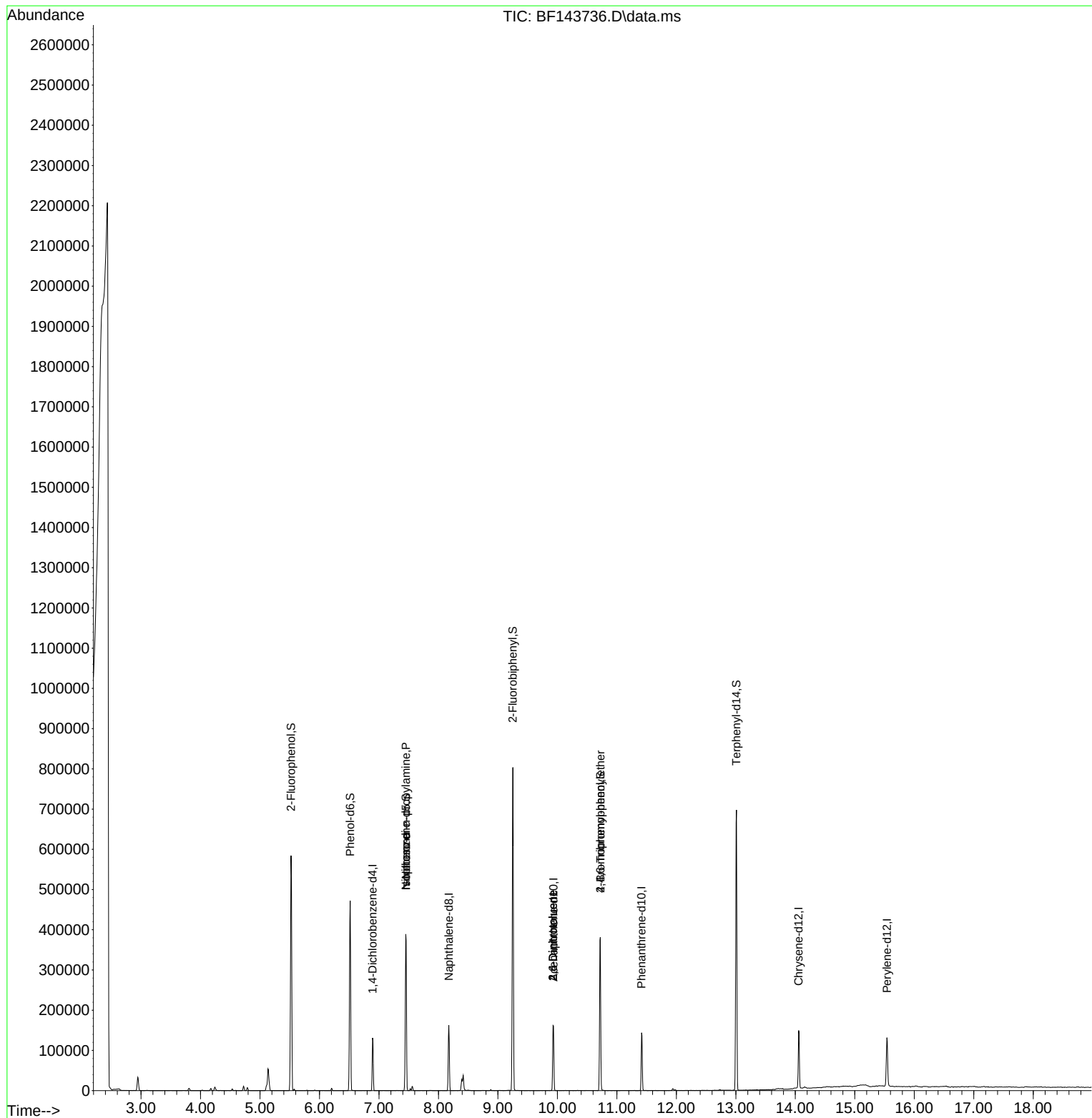
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	29706	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	105168	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	54132	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	78489	20.000	ng	0.00
76) Chrysene-d12	14.057	240	72604	20.000	ng	0.01
86) Perylene-d12	15.539	264	73561	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	233937	134.360	ng	0.02
7) Phenol-d6	6.516	99	245636	115.867	ng	0.01
23) Nitrobenzene-d5	7.451	82	185137	109.497	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	74466	136.502	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	375642	104.827	ng	0.00
79) Terphenyl-d14	13.010	244	356646	79.603	ng	0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	23743	18.236	ng	# 78
25) Isophorone	7.451	82	185018	57.066	ng	# 64
51) 2,6-Dinitrotoluene	9.928	165	6592	9.789	ng	# 27
57) 2,4-Dinitrotoluene	9.928	165	6592	7.193	ng	# 27
67) 4-Bromophenyl-phenylether	10.722	248	4861	5.136	ng	# 1

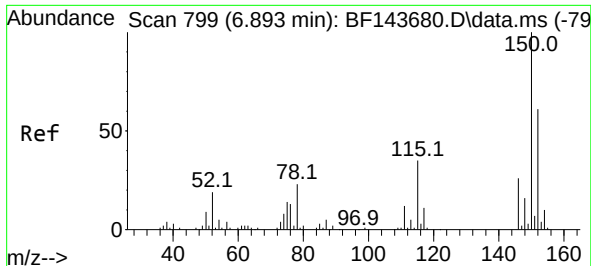
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143736.D
Acq On : 12 Sep 2025 16:40
Operator : RC/JU
Sample : Q3054-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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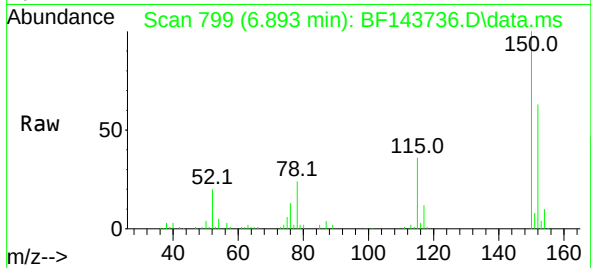
Quant Time: Sep 12 17:05:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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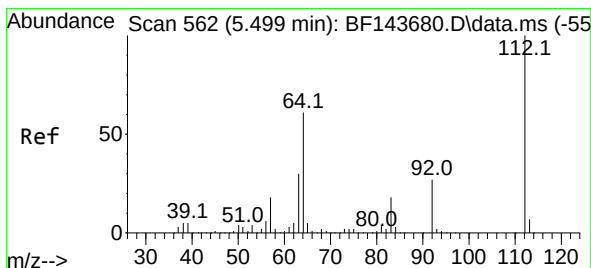
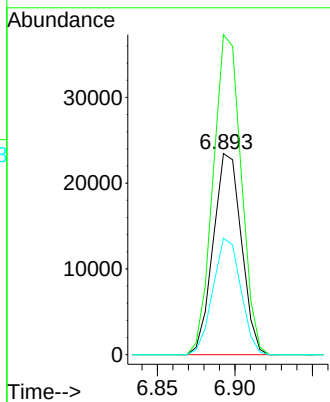
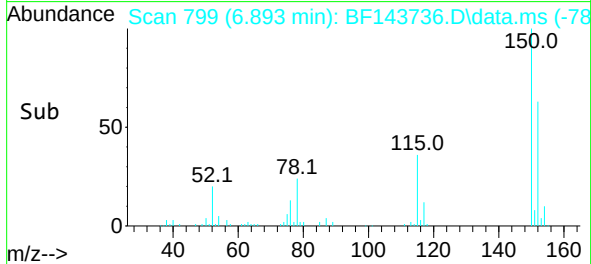


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: BF143736.D
 Acq: 12 Sep 2025 16:40

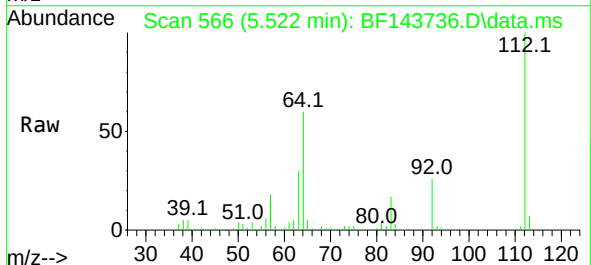
Instrument :
 BNA_F
 ClientSampleId :
 MH-385



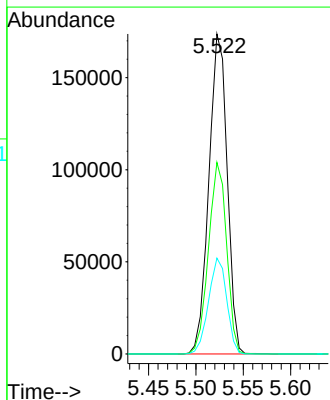
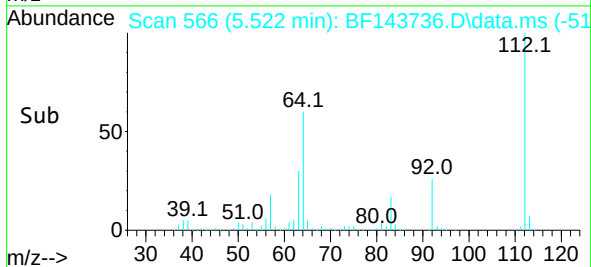
Tgt Ion:152 Resp: 29706
 Ion Ratio Lower Upper
 152 100
 150 159.2 130.7 196.1
 115 57.9 45.9 68.9

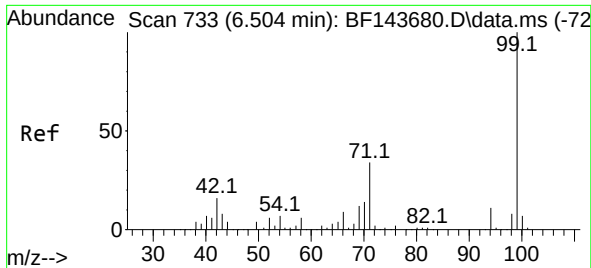


#5
 2-Fluorophenol
 Concen: 134.360 ng
 RT: 5.522 min Scan# 566
 Delta R.T. 0.024 min
 Lab File: BF143736.D
 Acq: 12 Sep 2025 16:40



Tgt Ion:112 Resp: 233937
 Ion Ratio Lower Upper
 112 100
 64 59.8 49.0 73.4
 63 30.0 24.3 36.5

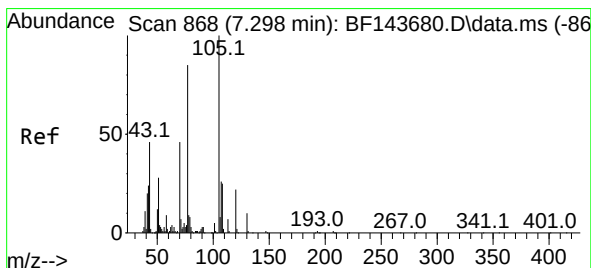
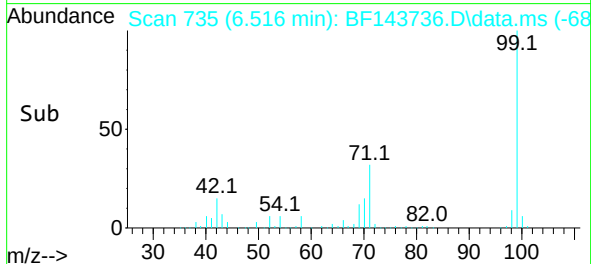
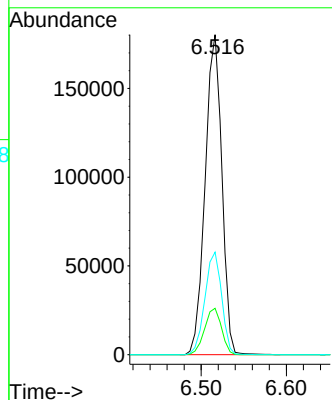
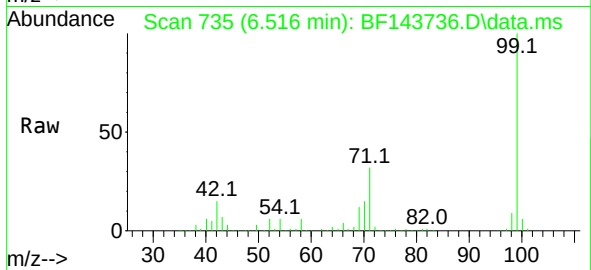




#7
Phenol-d6
Concen: 115.867 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF143736.D
Acq: 12 Sep 2025 16:40

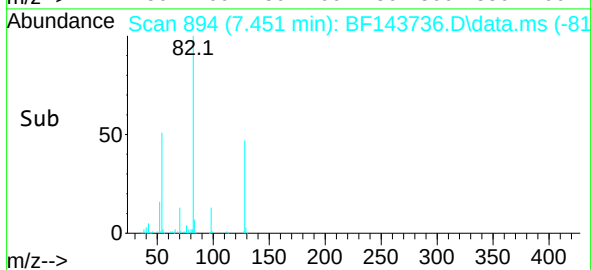
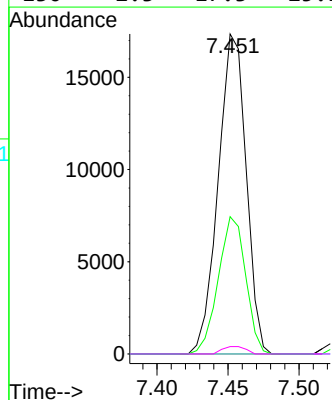
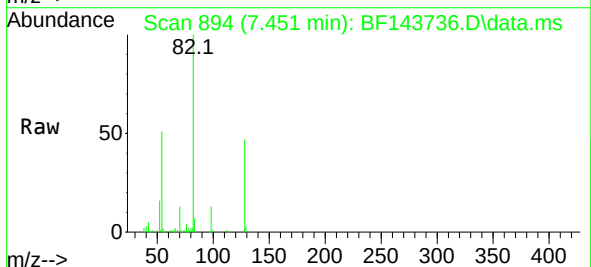
Instrument :
BNA_F
ClientSampleId :
MH-385

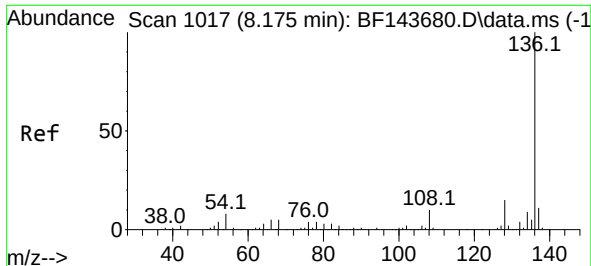
Tgt Ion: 99 Resp: 245636
Ion Ratio Lower Upper
99 100
42 14.5 13.0 19.4
71 32.0 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.236 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.153 min
Lab File: BF143736.D
Acq: 12 Sep 2025 16:40

Tgt Ion: 70 Resp: 23743
Ion Ratio Lower Upper
70 100
42 42.9 41.4 62.2
101 0.0 8.1 12.1#
130 2.3 17.3 25.9#

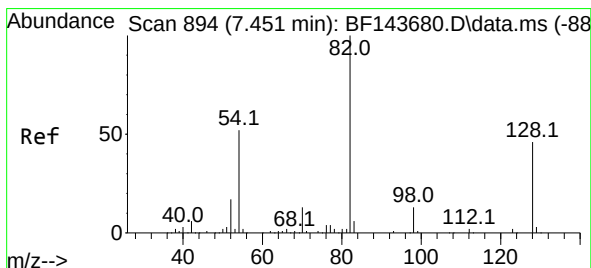
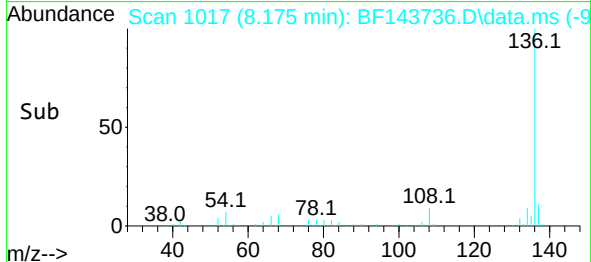
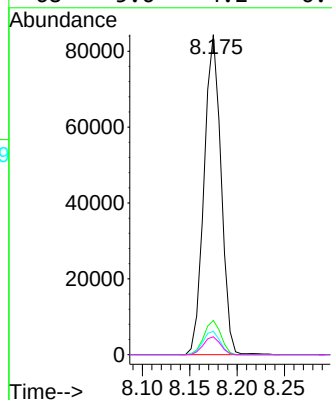
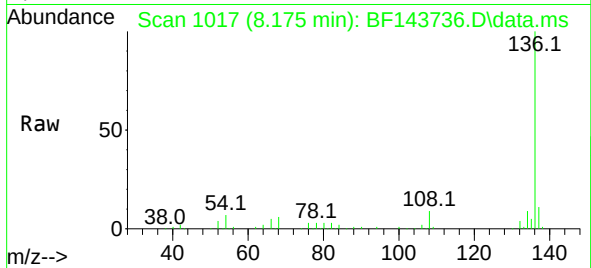




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF143736.D
Acq: 12 Sep 2025 16:40

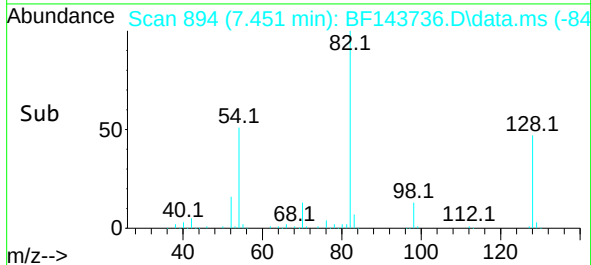
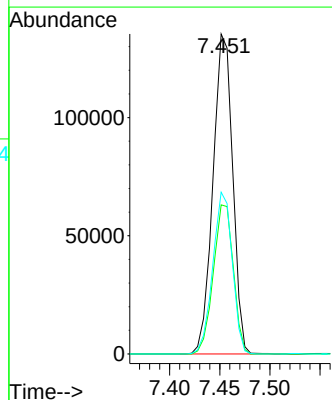
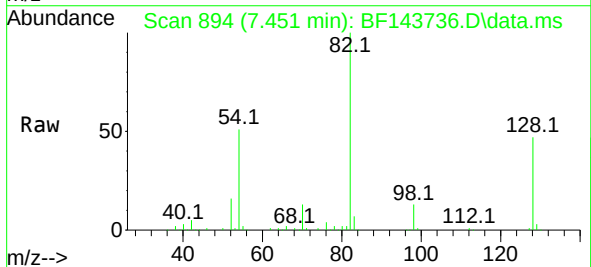
Instrument :
BNA_F
ClientSampleId :
MH-385

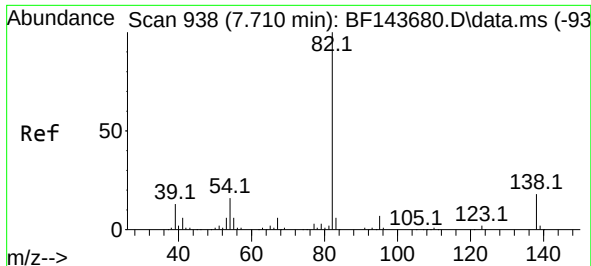
Tgt	Ion:136	Resp:	105168
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.3	6.2	9.2
68	5.6	4.2	6.4



#23
Nitrobenzene-d5
Concen: 109.497 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF143736.D
Acq: 12 Sep 2025 16:40

Tgt Ion: 82	Resp: 185137
Ion Ratio	Lower Upper
82 100	
128 46.6	37.0 55.4
54 50.6	41.8 62.8

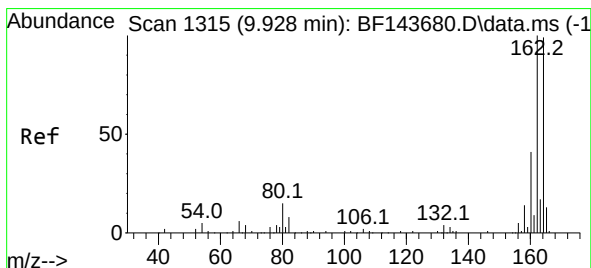
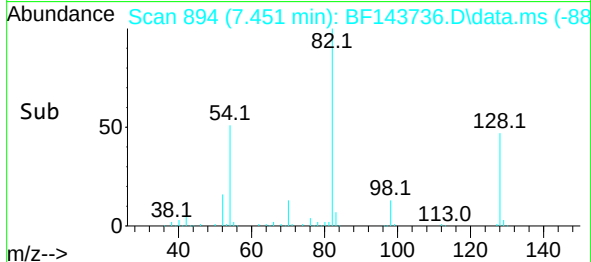
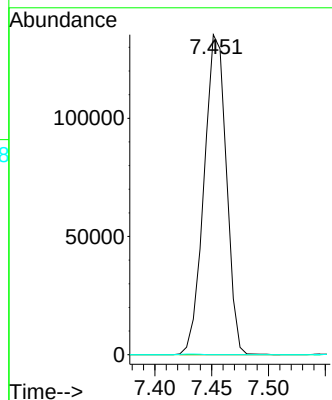
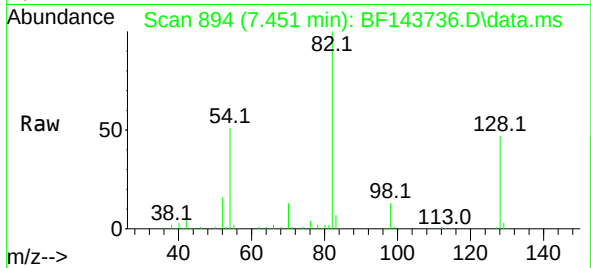




#25
Isophorone
Concen: 57.066 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.259 min
Lab File: BF143736.D
Acq: 12 Sep 2025 16:40

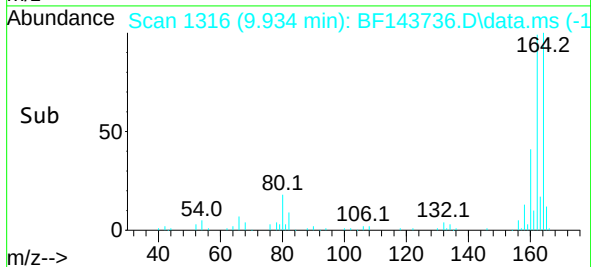
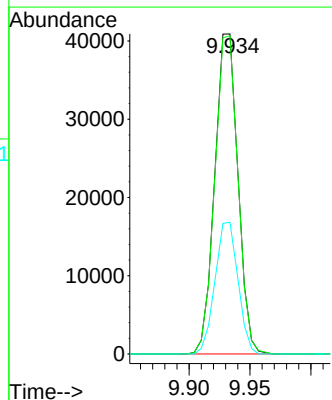
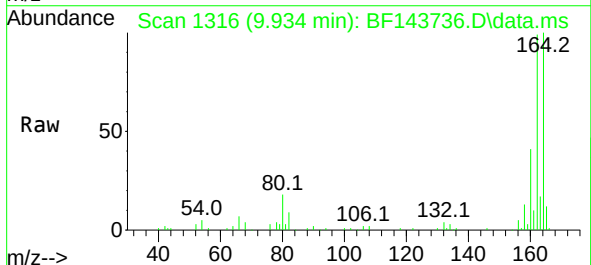
Instrument :
BNA_F
ClientSampleId :
MH-385

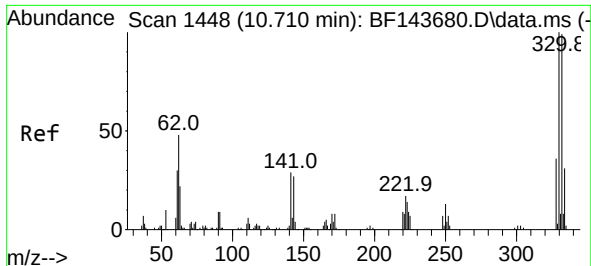
Tgt Ion: 82 Resp: 185018
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.8 22.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF143736.D
Acq: 12 Sep 2025 16:40

Tgt Ion:164 Resp: 54132
Ion Ratio Lower Upper
164 100
162 99.5 80.6 121.0
160 41.2 33.0 49.4





#42

2,4,6-Tribromophenol

Concen: 136.502 ng

RT: 10.722 min Scan# 1448

Delta R.T. 0.012 min

Lab File: BF143736.D

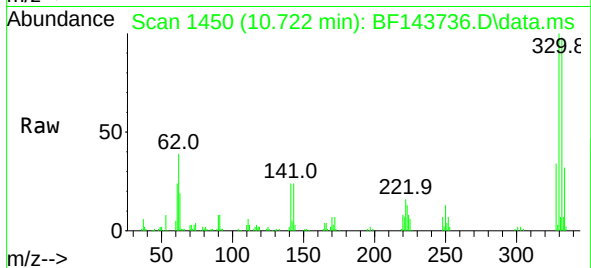
Acq: 12 Sep 2025 16:40

Instrument :

BNA_F

ClientSampleId :

MH-385



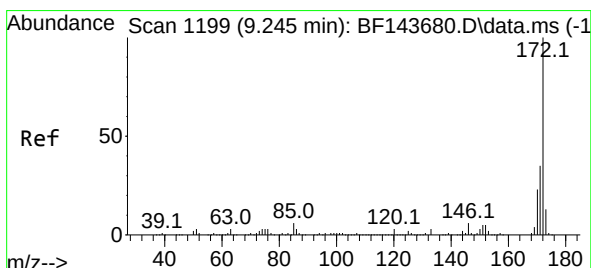
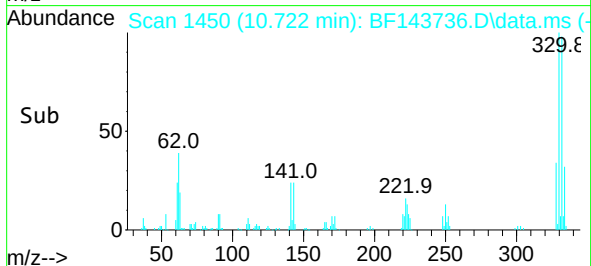
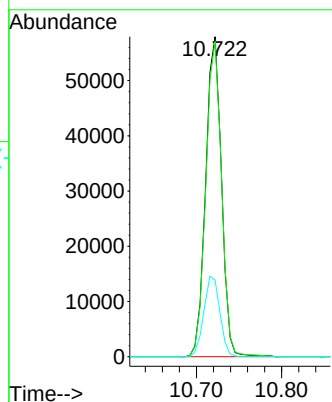
Tgt Ion:330 Resp: 74466

Ion Ratio Lower Upper

330 100

332 98.6 79.2 118.8

141 25.5 22.2 33.4



#45

2-Fluorobiphenyl

Concen: 104.827 ng

RT: 9.251 min Scan# 1200

Delta R.T. 0.006 min

Lab File: BF143736.D

Acq: 12 Sep 2025 16:40

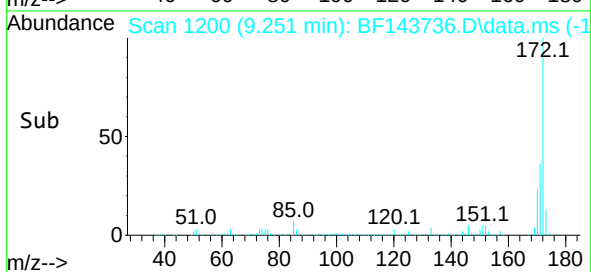
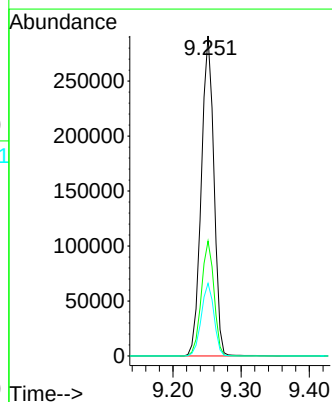
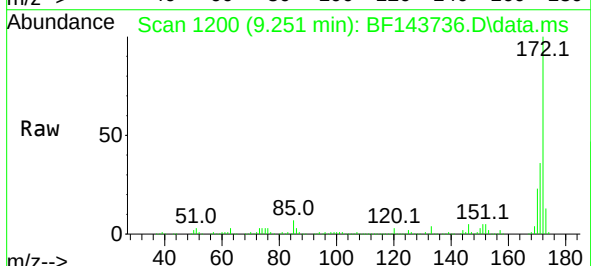
Tgt Ion:172 Resp: 375642

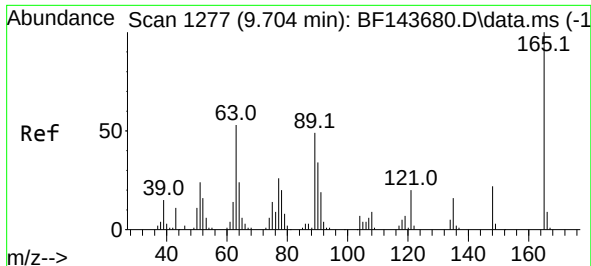
Ion Ratio Lower Upper

172 100

171 35.9 27.9 41.9

170 22.7 18.6 27.8

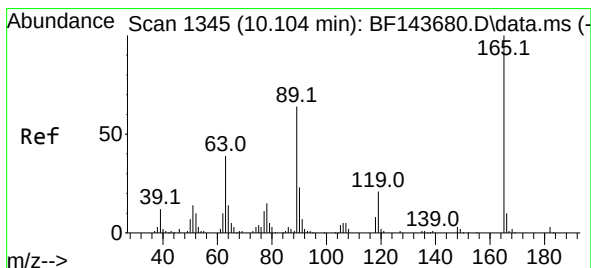
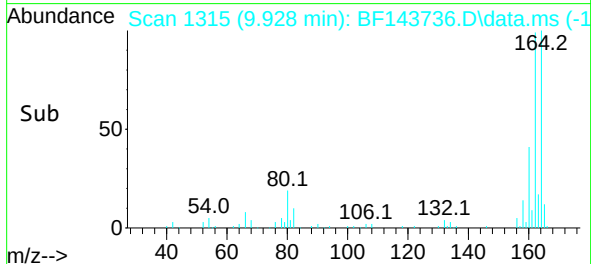
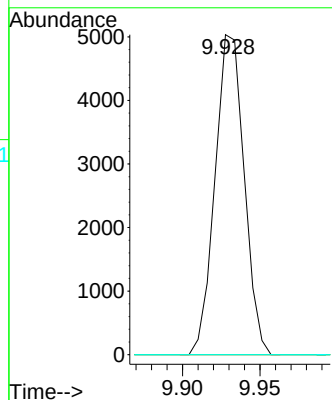
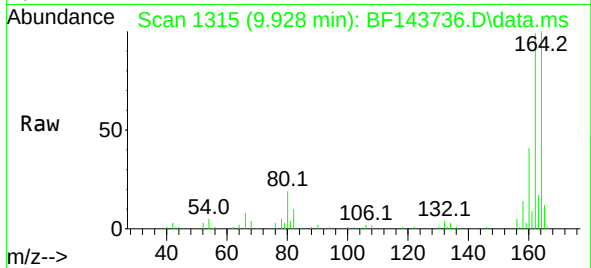




#51
2,6-Dinitrotoluene
Concen: 9.789 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.223 min
Lab File: BF143736.D
Acq: 12 Sep 2025 16:40

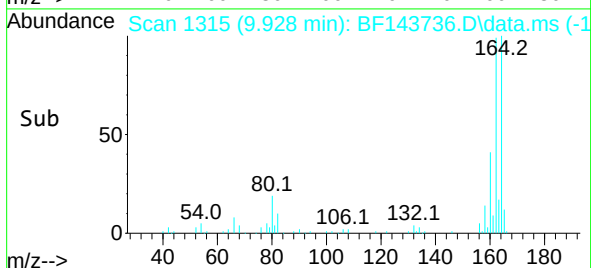
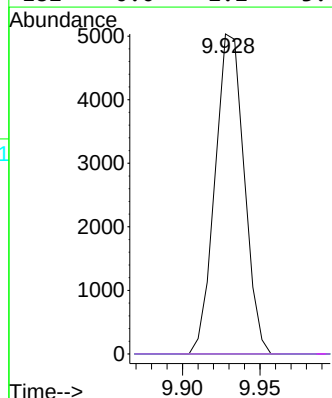
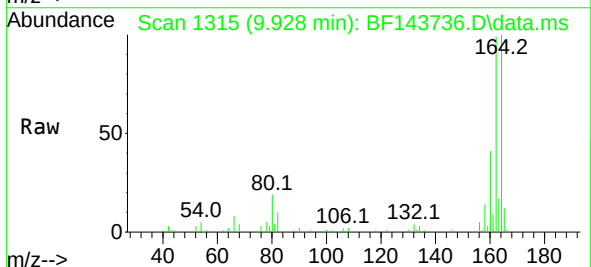
Instrument :
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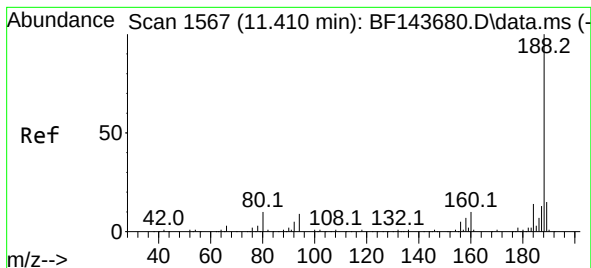
Tgt Ion:165 Resp: 6592
Ion Ratio Lower Upper
165 100
63 0.0 42.2 63.4#
89 0.0 39.3 58.9#



#57
2,4-Dinitrotoluene
Concen: 7.193 ng
RT: 9.928 min Scan# 1315
Delta R.T. -0.176 min
Lab File: BF143736.D
Acq: 12 Sep 2025 16:40

Tgt Ion:165 Resp: 6592
Ion Ratio Lower Upper
165 100
63 0.0 31.5 47.3#
89 0.0 51.3 76.9#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143736.D

Acq: 12 Sep 2025 16:40

Instrument :

BNA_F

ClientSampleId :

MH-385

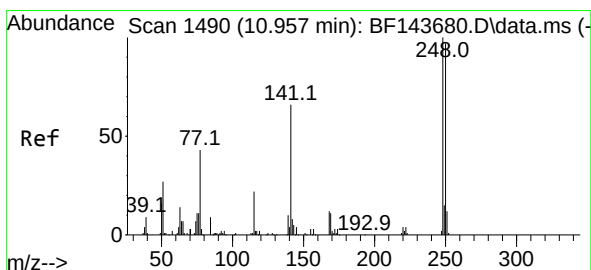
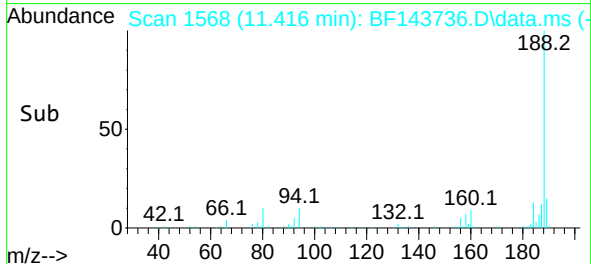
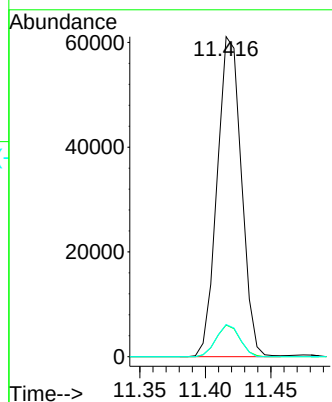
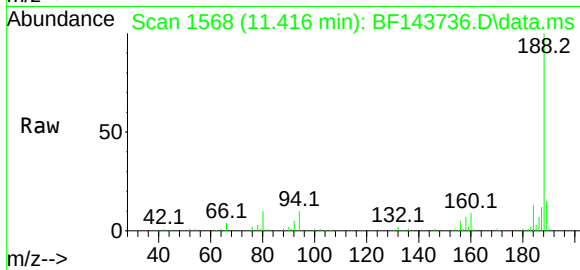
Tgt Ion:188 Resp: 78489

Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.0

80 10.0 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 5.136 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.235 min

Lab File: BF143736.D

Acq: 12 Sep 2025 16:40

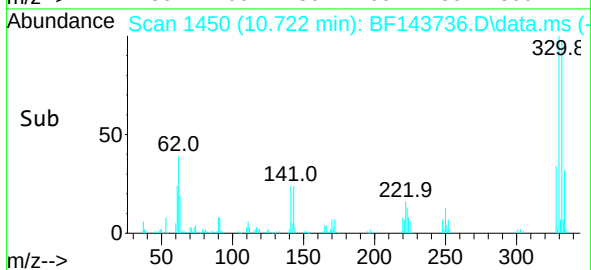
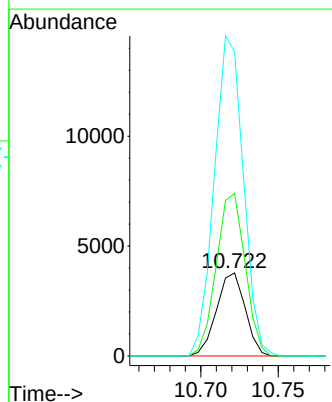
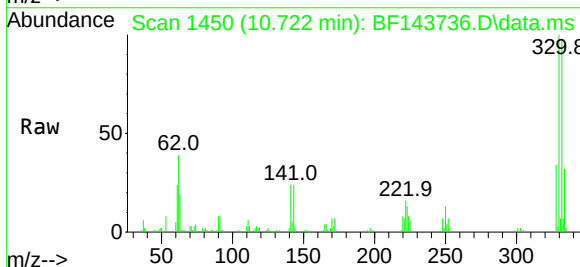
Tgt Ion:248 Resp: 4861

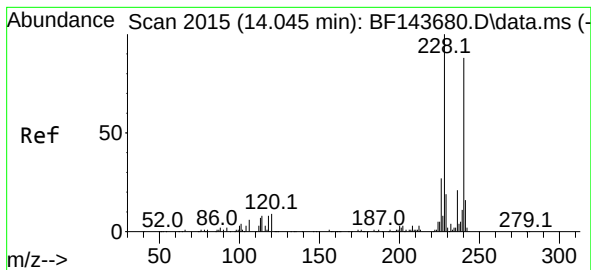
Ion Ratio Lower Upper

248 100

250 195.6 77.5 116.3#

141 366.5 52.6 79.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF143736.D

Acq: 12 Sep 2025 16:40

Instrument :

BNA_F

ClientSampleId :

MH-385

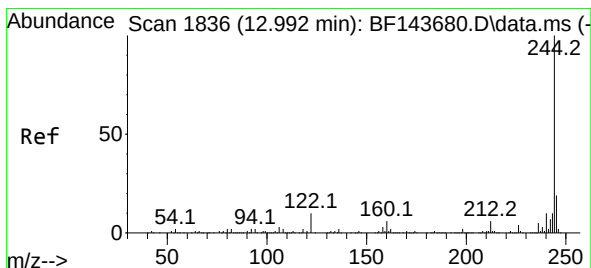
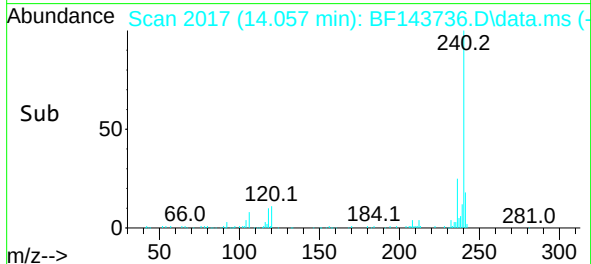
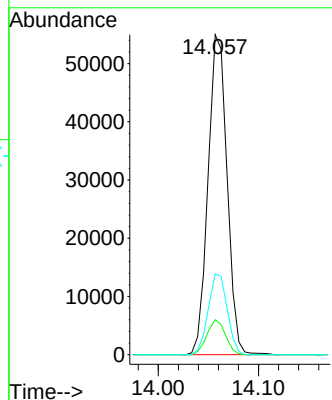
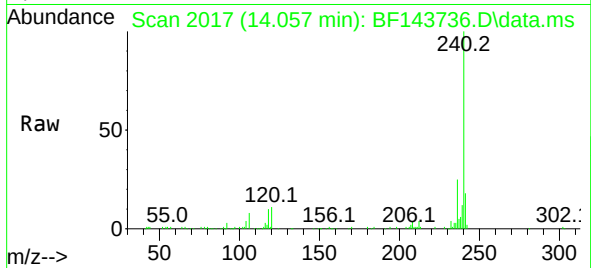
Tgt Ion:240 Resp: 72604

Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

236 25.3 18.6 28.0



#79

Terphenyl-d14

Concen: 79.603 ng

RT: 13.010 min Scan# 1839

Delta R.T. 0.018 min

Lab File: BF143736.D

Acq: 12 Sep 2025 16:40

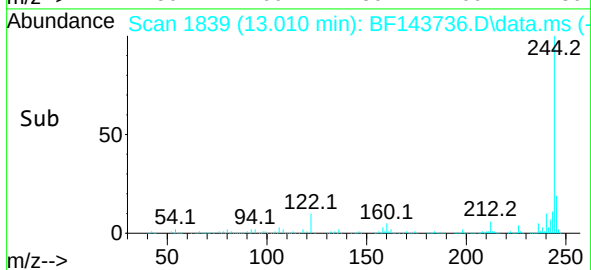
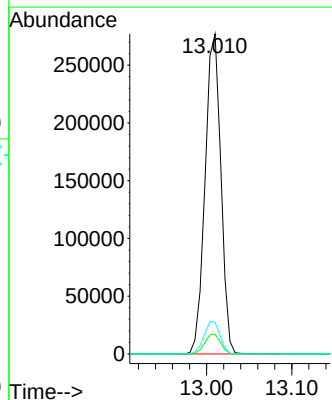
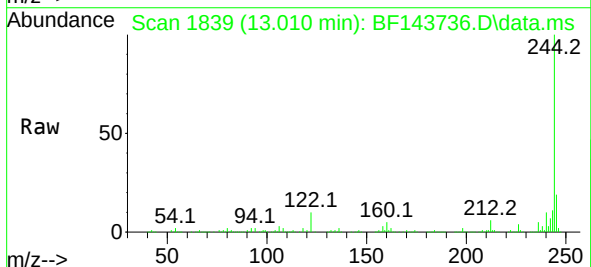
Tgt Ion:244 Resp: 356646

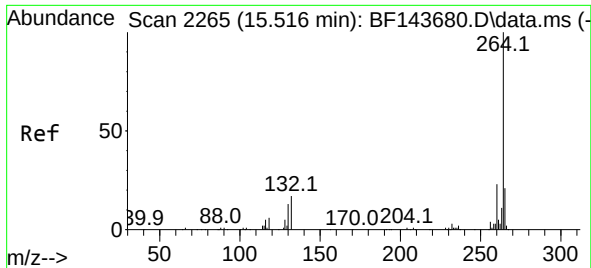
Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.6

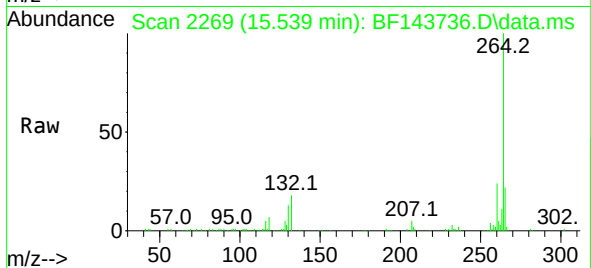
122 9.9 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF143736.D
Acq: 12 Sep 2025 16:40

Instrument :
BNA_F
ClientSampleId :
MH-385



Tgt Ion:264 Resp: 73561
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 22.3 17.1 25.7

