

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144202.D
 Acq On : 11 Nov 2025 14:39
 Operator : RC/JU
 Sample : Q3584-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-2

Quant Time: Nov 11 14:59:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

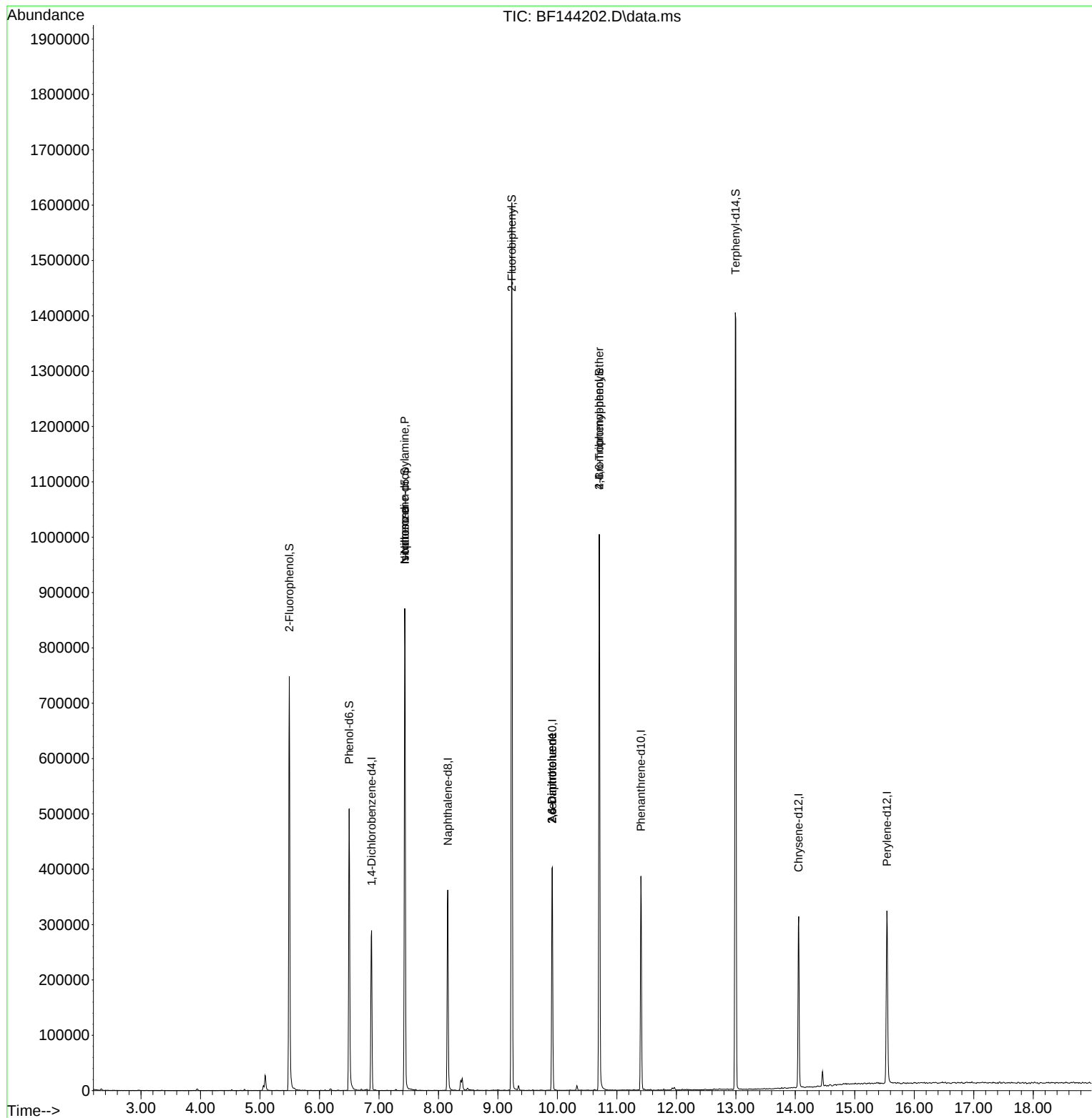
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	61823	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	239622	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	129099	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	212852	20.000	ng	0.00
76) Chrysene-d12	14.057	240	168567	20.000	ng	0.00
86) Perylene-d12	15.539	264	214547	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	292737	74.098	ng	0.00
7) Phenol-d6	6.498	99	225988	50.484	ng	0.00
23) Nitrobenzene-d5	7.433	82	371283	89.489	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	201560	124.416	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	743660	85.077	ng	0.00
79) Terphenyl-d14	12.998	244	776348	73.155	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.433	70	54076	18.350	ng	# 79
25) Isophorone	7.433	82	371277	47.310	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	17268	9.974	ng	# 29
57) 2,4-Dinitrotoluene	9.910	165	17268	7.450	ng	# 29
67) 4-Bromophenyl-phenylether	10.704	248	11055	4.069	ng	# 1

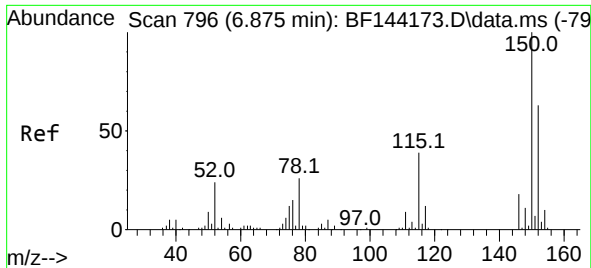
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
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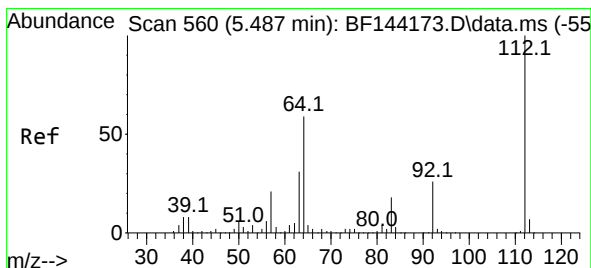
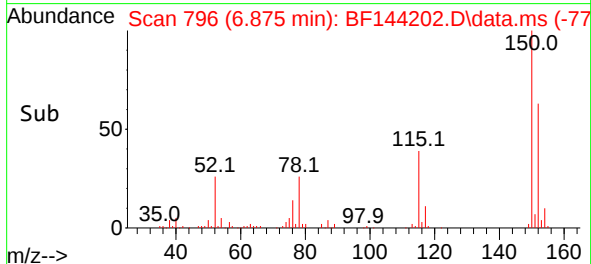
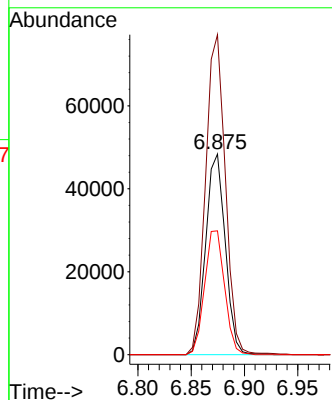
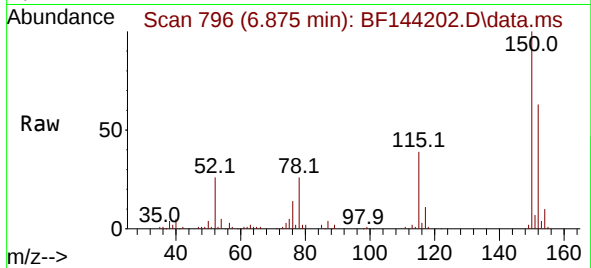




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: BF144202.D
 Acq: 11 Nov 2025 14:39

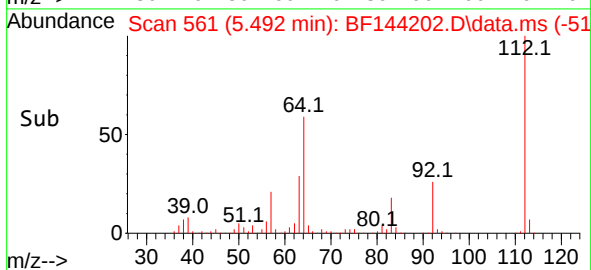
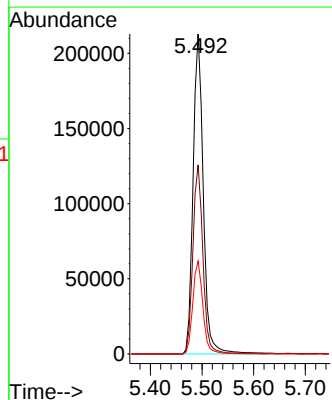
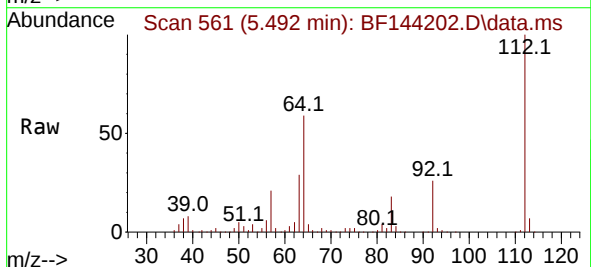
Instrument :
 BNA_F
 ClientSampleId :
 FB-2

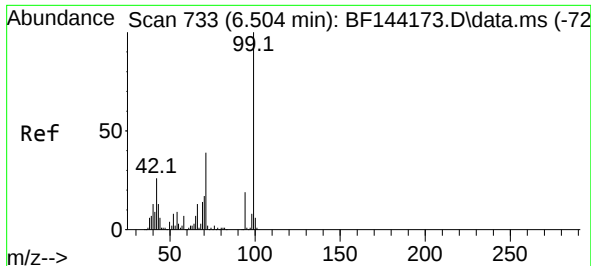
Tgt Ion:152 Resp: 61823
 Ion Ratio Lower Upper
 152 100
 150 159.5 127.4 191.0
 115 61.8 49.5 74.3



#5
 2-Fluorophenol
 Concen: 74.098 ng
 RT: 5.492 min Scan# 561
 Delta R.T. -0.000 min
 Lab File: BF144202.D
 Acq: 11 Nov 2025 14:39

Tgt Ion:112 Resp: 292737
 Ion Ratio Lower Upper
 112 100
 64 59.1 47.2 70.8
 63 29.1 24.4 36.6

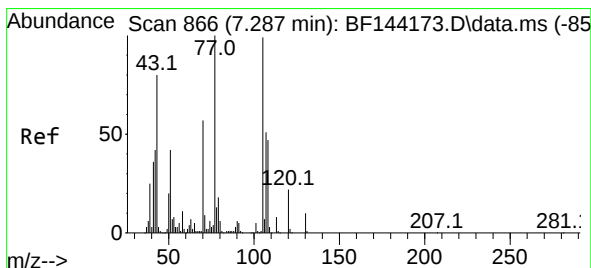
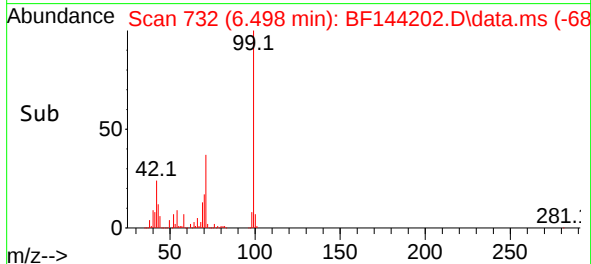
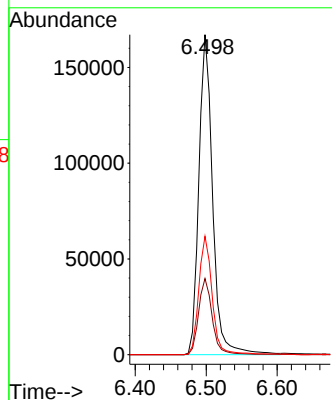
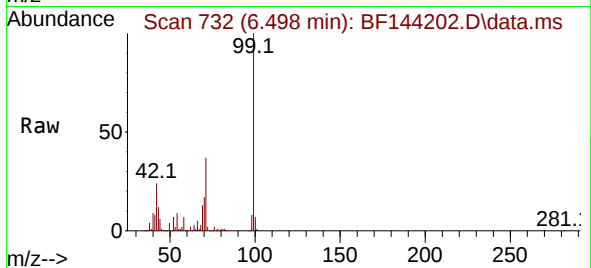




#7
Phenol-d6
Concen: 50.484 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

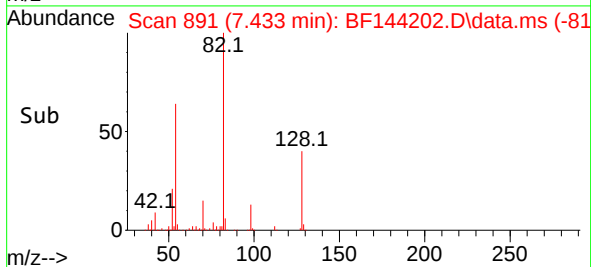
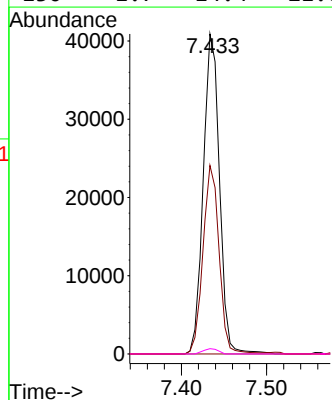
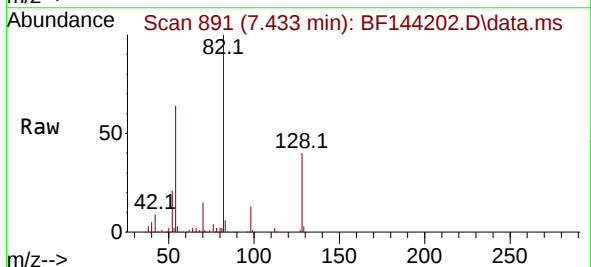
Instrument :
BNA_F
ClientSampleId :
FB-2

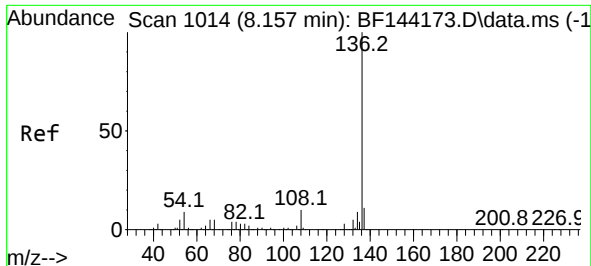
Tgt Ion: 99 Resp: 225988
Ion Ratio Lower Upper
99 100
42 23.8 20.9 31.3
71 37.0 31.4 47.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.350 ng
RT: 7.433 min Scan# 891
Delta R.T. 0.159 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Tgt Ion: 70 Resp: 54076
Ion Ratio Lower Upper
70 100
42 58.9 58.3 87.5
101 0.0 7.0 10.6#
130 1.7 14.4 21.6#



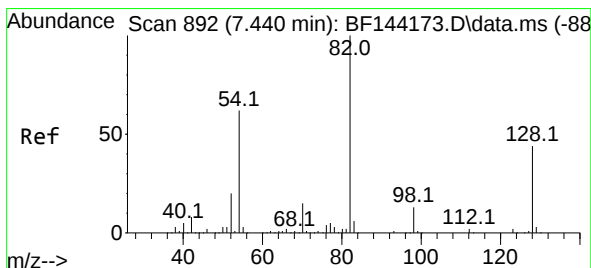
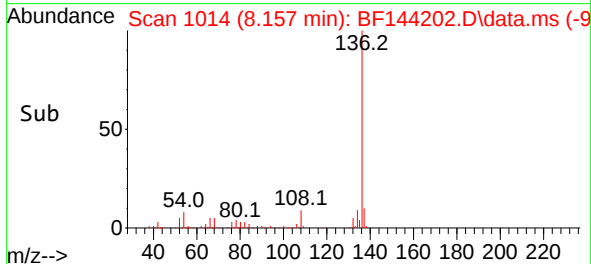
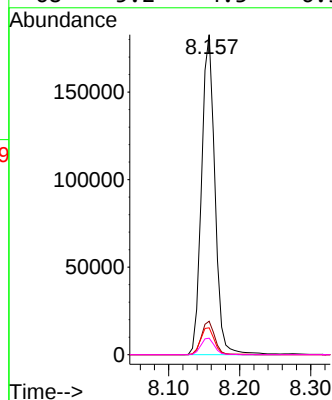
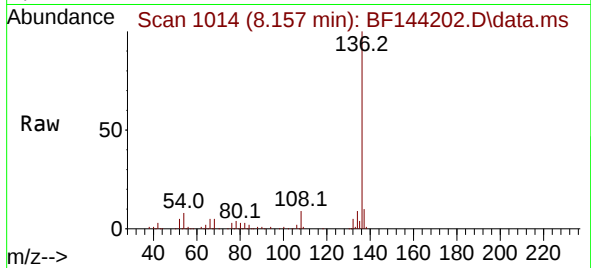


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Instrument :
BNA_F
ClientSampleId :
FB-2

Tgt Ion:136 Resp: 239622

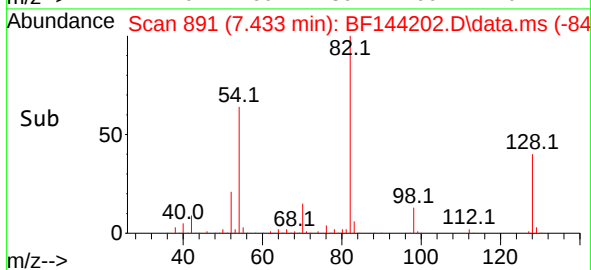
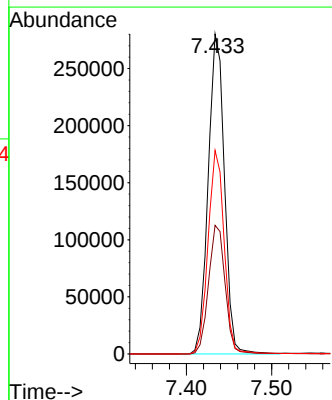
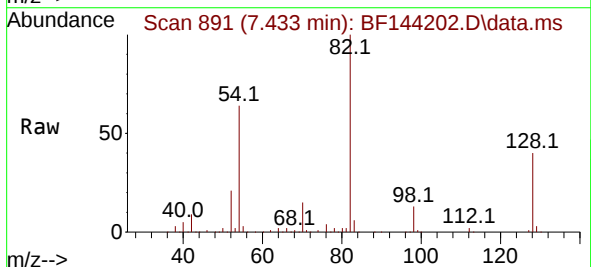
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.4	7.0	10.6
68	5.2	4.3	6.5

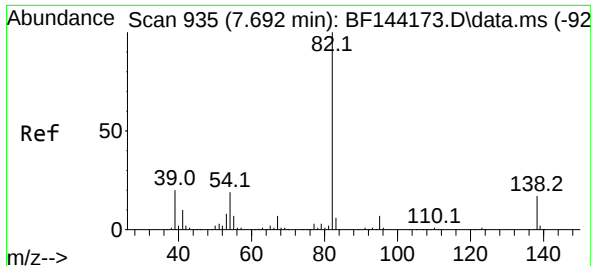


#23
Nitrobenzene-d5
Concen: 89.489 ng
RT: 7.433 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Tgt Ion: 82 Resp: 371283

Ion	Ratio	Lower	Upper
82	100		
128	40.2	34.7	52.1
54	63.6	49.5	74.3

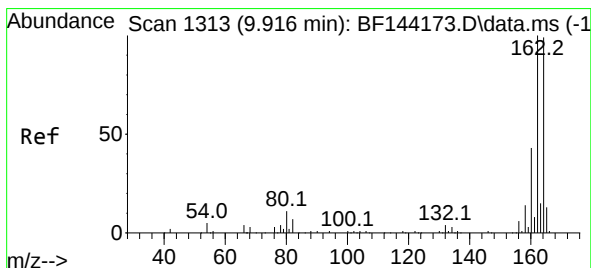
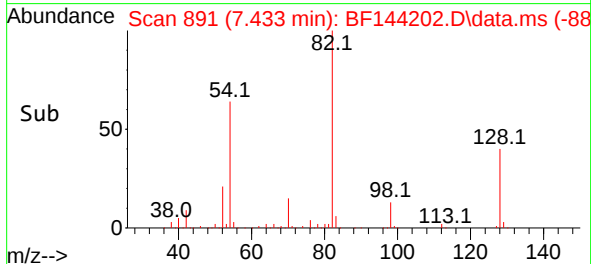
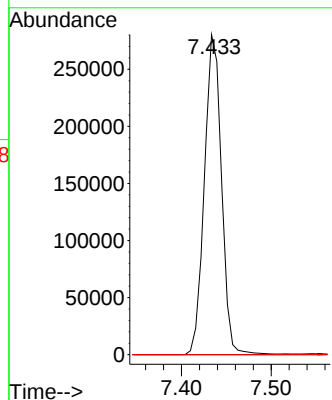
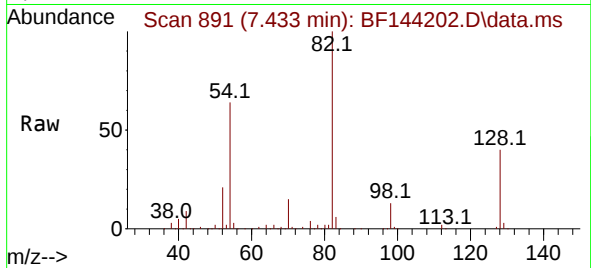




#25
Isophorone
Concen: 47.310 ng
RT: 7.433 min Scan# 891
Delta R.T. -0.253 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

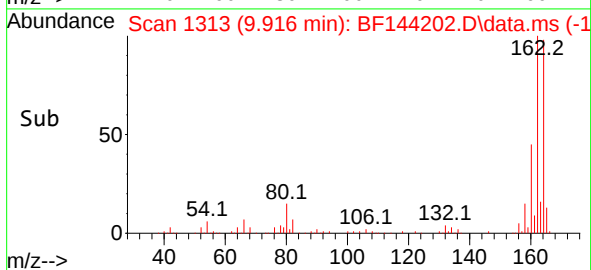
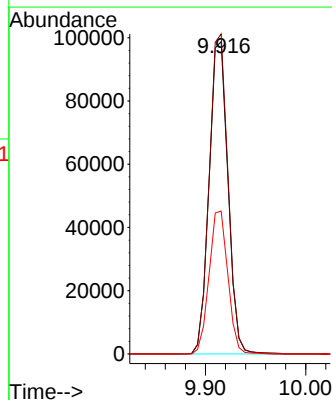
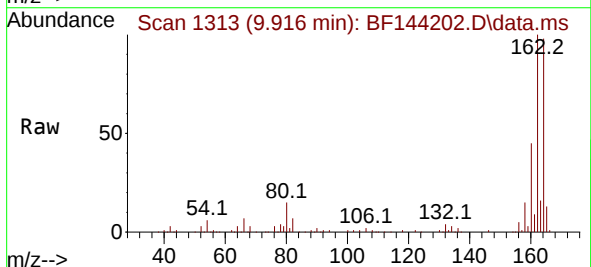
Instrument :
BNA_F
ClientSampleId :
FB-2

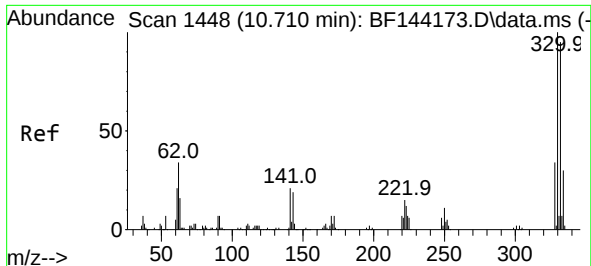
Tgt Ion: 82 Resp: 371277
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Tgt Ion:164 Resp: 129099
Ion Ratio Lower Upper
164 100
162 102.4 81.1 121.7
160 45.7 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 124.416 ng

RT: 10.704 min Scan# 1447

Delta R.T. -0.000 min

Lab File: BF144202.D

Acq: 11 Nov 2025 14:39

Instrument :

BNA_F

ClientSampleId :

FB-2

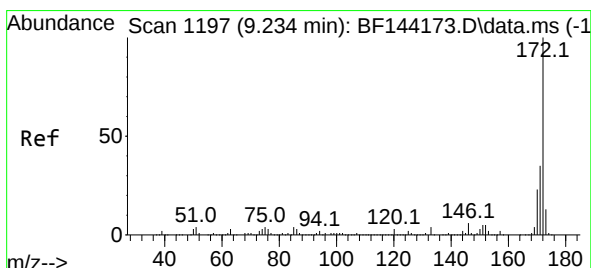
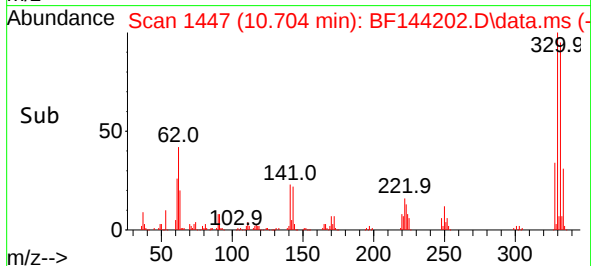
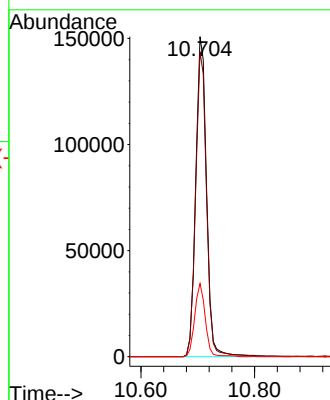
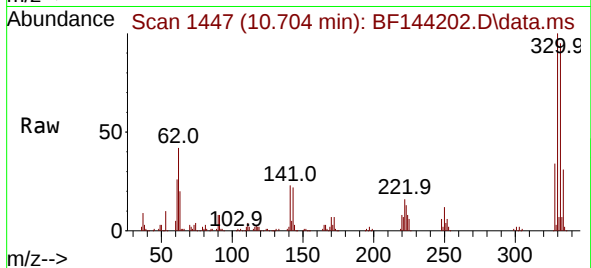
Tgt Ion:330 Resp: 201560

Ion Ratio Lower Upper

330 100

332 94.9 76.7 115.1

141 22.2 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 85.077 ng

RT: 9.233 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF144202.D

Acq: 11 Nov 2025 14:39

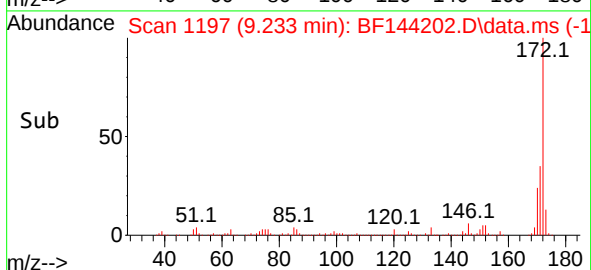
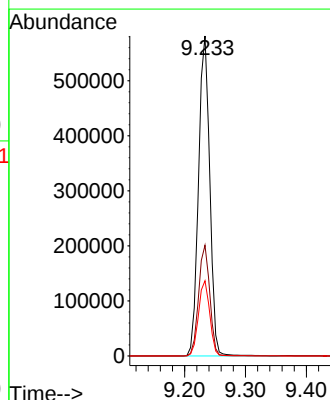
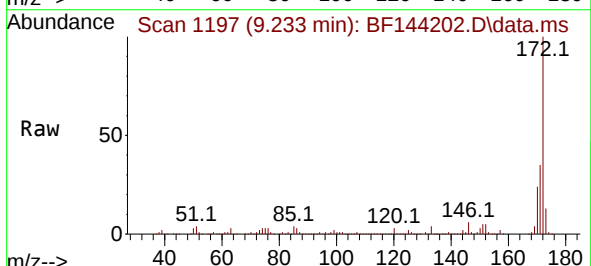
Tgt Ion:172 Resp: 743660

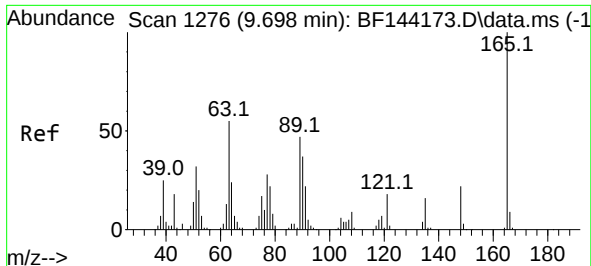
Ion Ratio Lower Upper

172 100

171 34.6 28.1 42.1

170 23.5 18.6 28.0

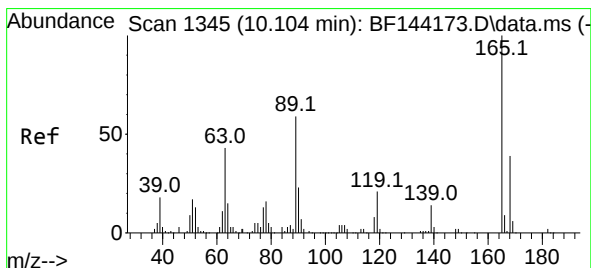
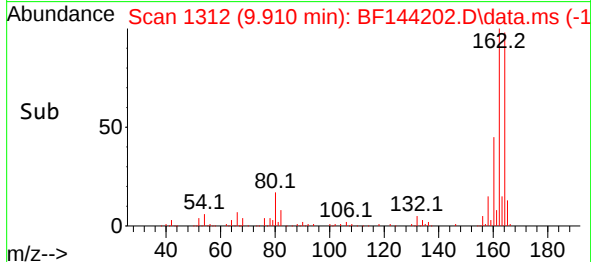
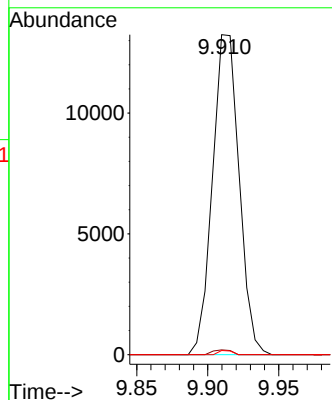
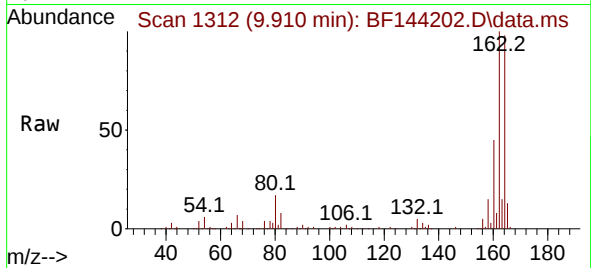




#51
2,6-Dinitrotoluene
Concen: 9.974 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.217 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

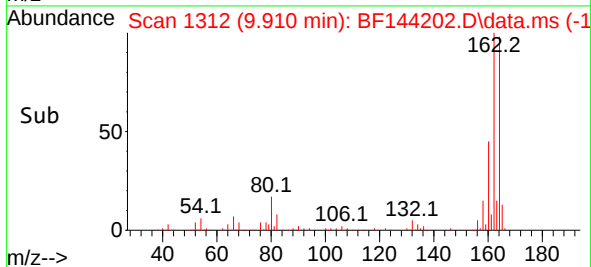
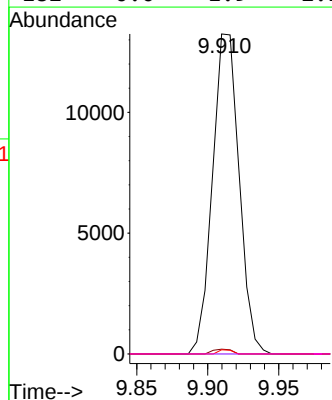
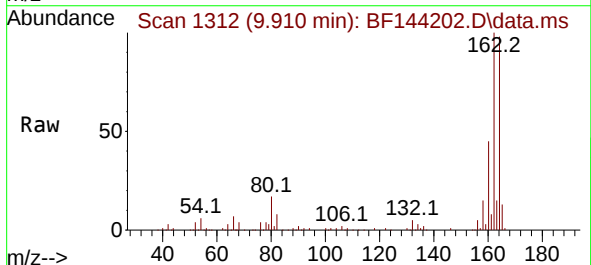
Instrument :
BNA_F
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FB-2

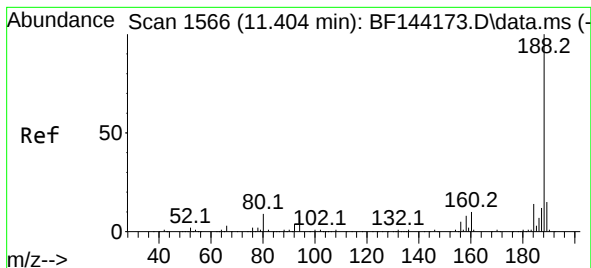
Tgt Ion:165 Resp: 17268
Ion Ratio Lower Upper
165 100
63 1.5 43.8 65.8#
89 1.3 37.5 56.3#



#57
2,4-Dinitrotoluene
Concen: 7.450 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.188 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Tgt Ion:165 Resp: 17268
Ion Ratio Lower Upper
165 100
63 1.5 35.5 53.3#
89 1.3 47.4 71.2#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144202.D

Acq: 11 Nov 2025 14:39

Instrument :

BNA_F

ClientSampleId :

FB-2

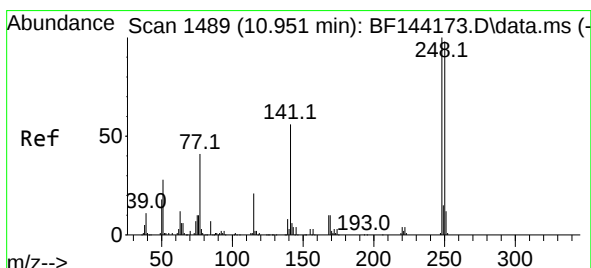
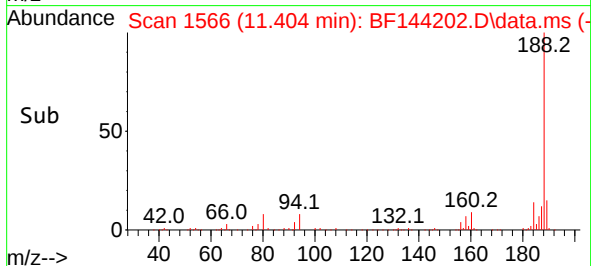
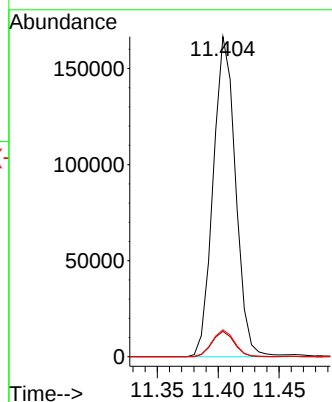
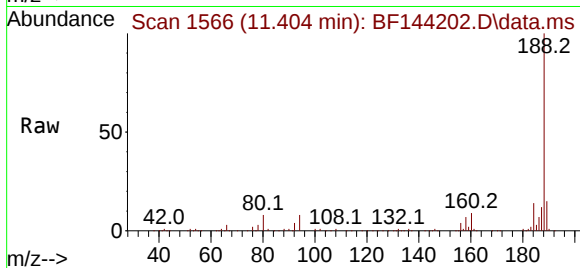
Tgt Ion:188 Resp: 212852

Ion Ratio Lower Upper

188 100

94 7.9 6.2 9.2

80 8.4 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.069 ng

RT: 10.704 min Scan# 1447

Delta R.T. -0.241 min

Lab File: BF144202.D

Acq: 11 Nov 2025 14:39

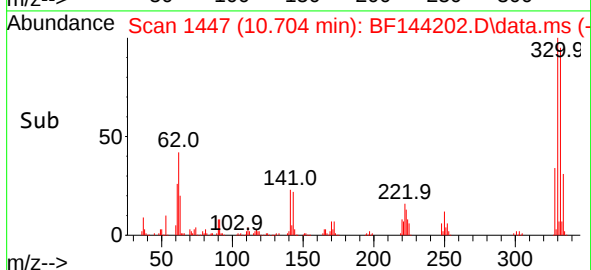
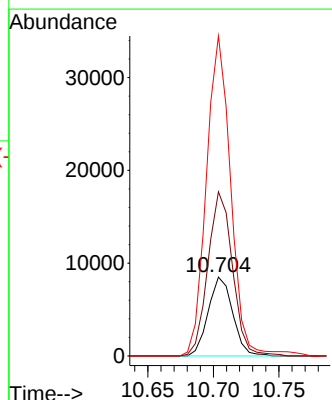
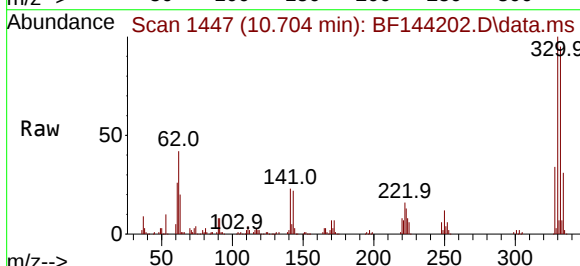
Tgt Ion:248 Resp: 11055

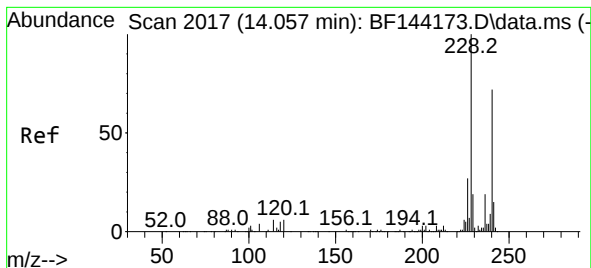
Ion Ratio Lower Upper

248 100

250 208.1 78.4 117.6#

141 405.7 45.1 67.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.006 min

Lab File: BF144202.D

Acq: 11 Nov 2025 14:39

Instrument :

BNA_F

ClientSampleId :

FB-2

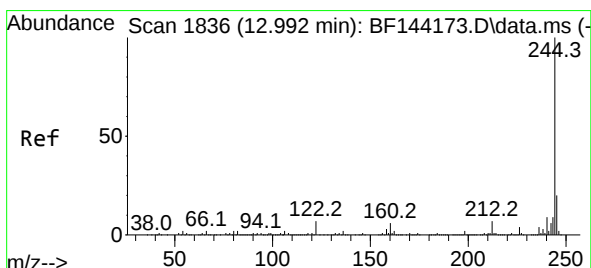
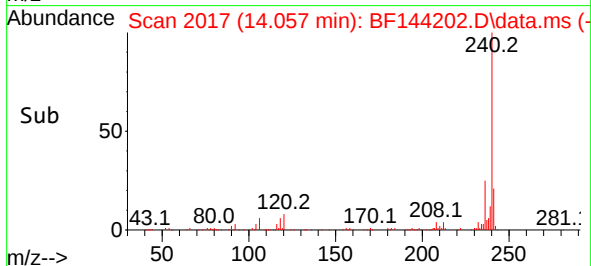
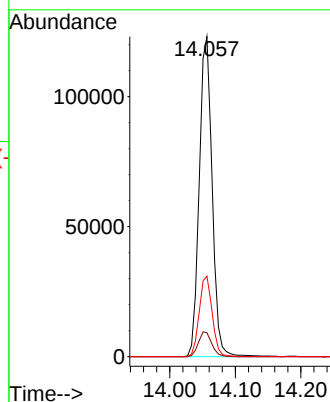
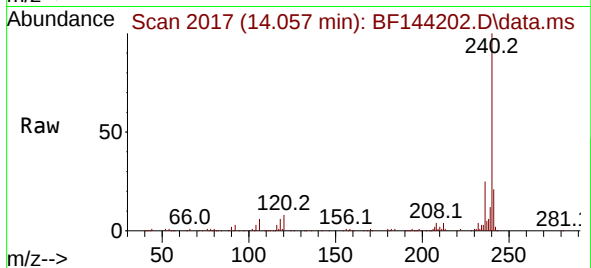
Tgt Ion:240 Resp: 168567

Ion Ratio Lower Upper

240 100

120 7.5 6.6 10.0

236 25.2 21.4 32.2



#79

Terphenyl-d14

Concen: 73.155 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.006 min

Lab File: BF144202.D

Acq: 11 Nov 2025 14:39

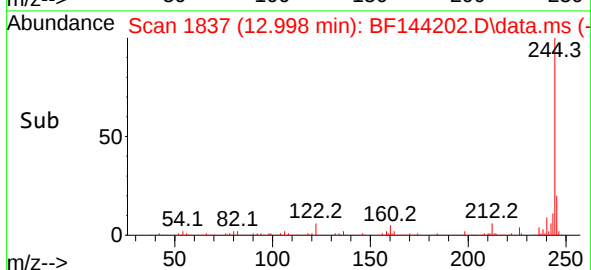
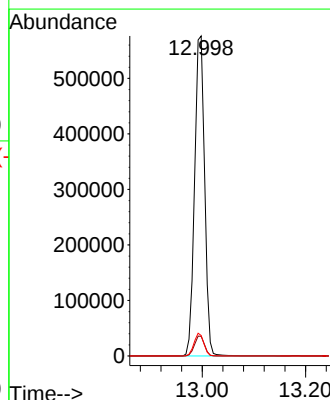
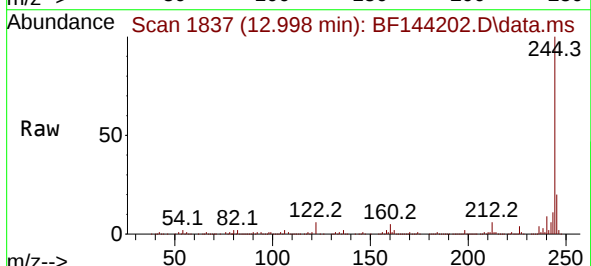
Tgt Ion:244 Resp: 776348

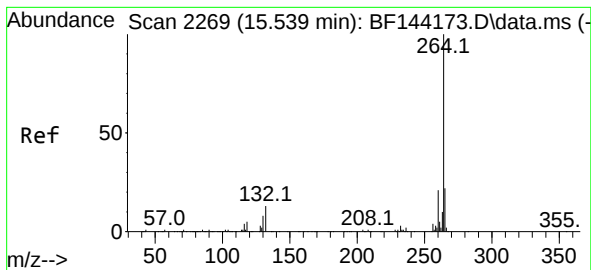
Ion Ratio Lower Upper

244 100

212 6.1 5.3 7.9

122 6.4 5.6 8.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF144202.D
 Acq: 11 Nov 2025 14:39

Instrument :
 BNA_F
 ClientSampleId :
 FB-2

Tgt Ion:264 Resp: 214547
 Ion Ratio Lower Upper
 264 100
 260 20.8 17.1 25.7
 265 20.9 17.4 26.0

