

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
 Data File : BF144119.D
 Acq On : 29 Oct 2025 00:09
 Operator : RC/JU
 Sample : Q3447-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-TW3-251023-01

Quant Time: Oct 29 05:49:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

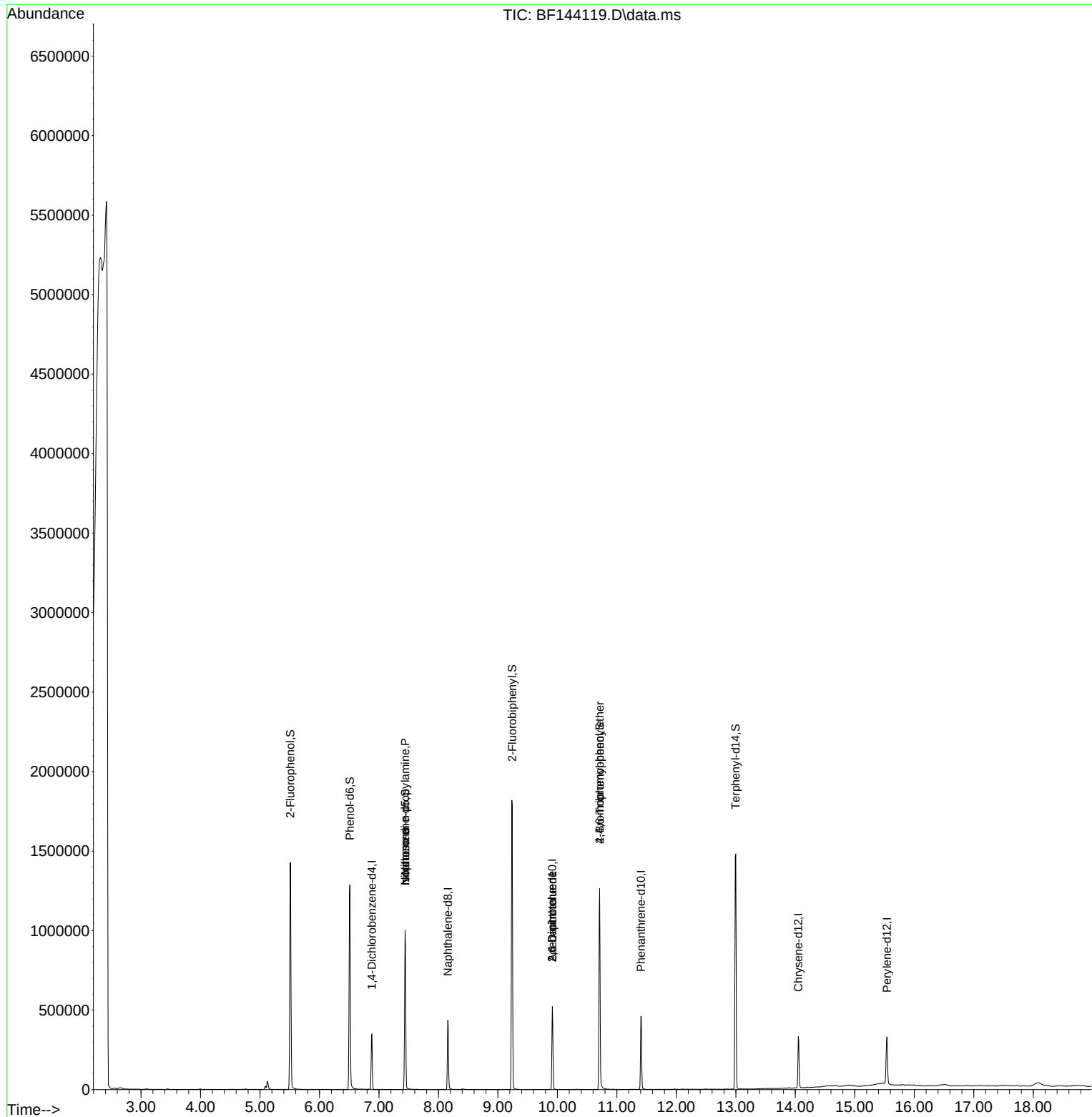
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	74206	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	288956	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	160721	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	268460	20.000	ng	0.00
76) Chrysene-d12	14.051	240	171657	20.000	ng	0.00
86) Perylene-d12	15.539	264	207654	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	533577	113.761	ng	0.02
7) Phenol-d6	6.510	99	564129	108.906	ng	0.00
23) Nitrobenzene-d5	7.440	82	431333	81.782	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	265839	129.850	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	882921	77.306	ng	0.00
79) Terphenyl-d14	12.998	244	820850	83.598	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	67546	20.165	ng	# 71
25) Isophorone	7.440	82	431328	46.777	ng	# 66
51) 2,6-Dinitrotoluene	9.916	165	20183	9.691	ng	# 22
57) 2,4-Dinitrotoluene	9.916	165	20183	7.180	ng	# 25
67) 4-Bromophenyl-phenylether	10.710	248	14969	4.453	ng	# 1

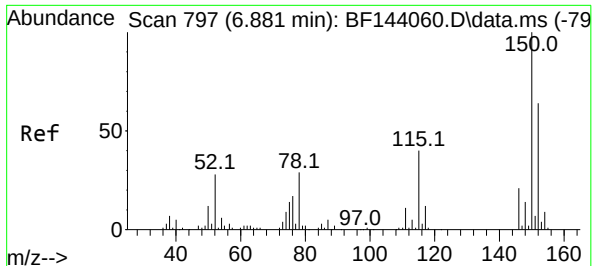
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
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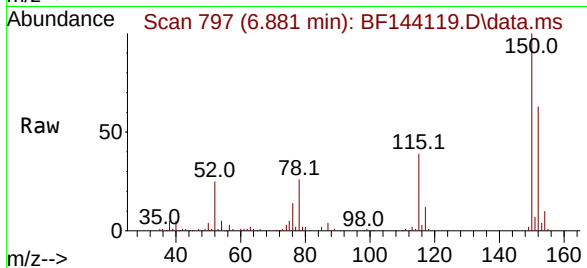
Quant Time: Oct 29 05:49:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration



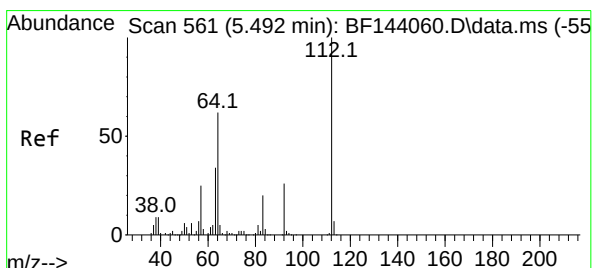
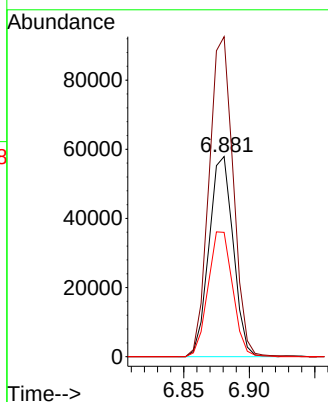
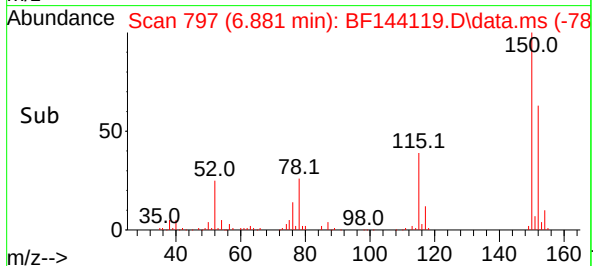


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF144119.D
Acq: 29 Oct 2025 00:09

Instrument :
BNA_F
ClientSampleId :
P001-TW3-251023-01

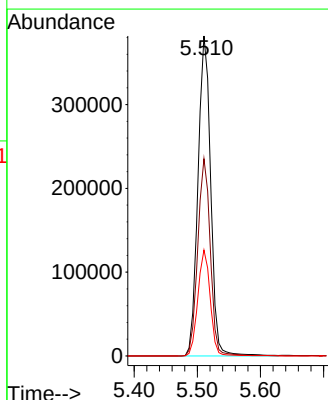
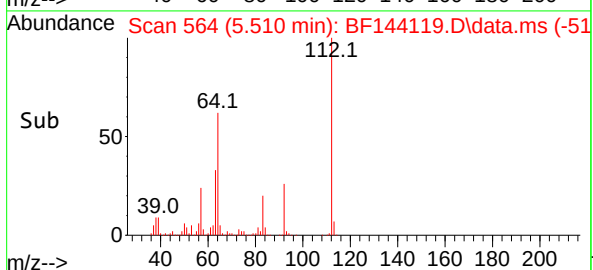
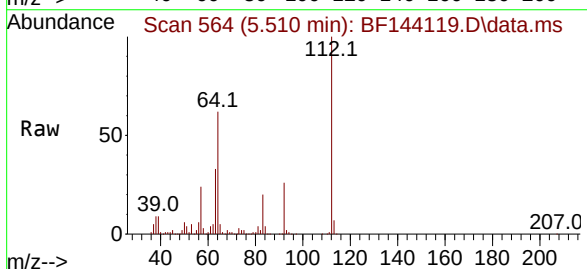


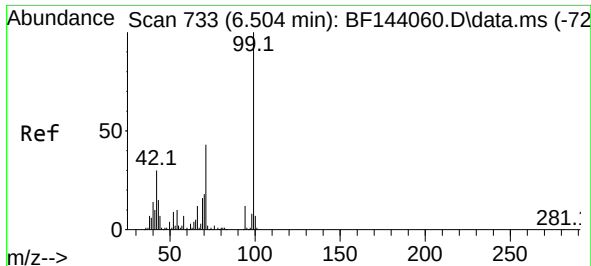
Tgt Ion:152 Resp: 74206
Ion Ratio Lower Upper
152 100
150 159.8 124.4 186.6
115 62.1 49.4 74.0



#5
2-Fluorophenol
Concen: 113.761 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF144119.D
Acq: 29 Oct 2025 00:09

Tgt Ion:112 Resp: 533577
Ion Ratio Lower Upper
112 100
64 61.6 49.8 74.8
63 33.1 27.4 41.2

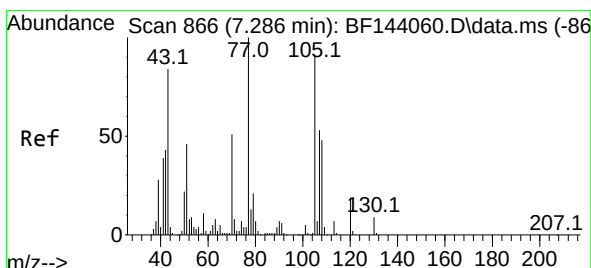
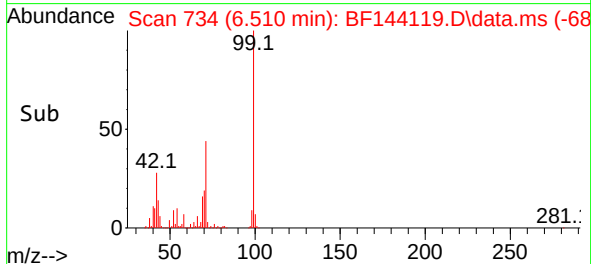
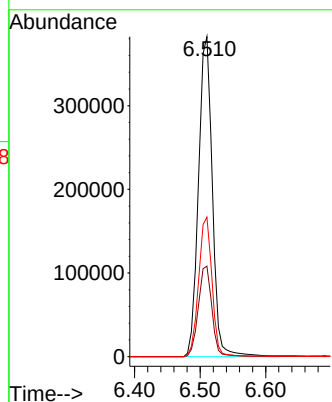
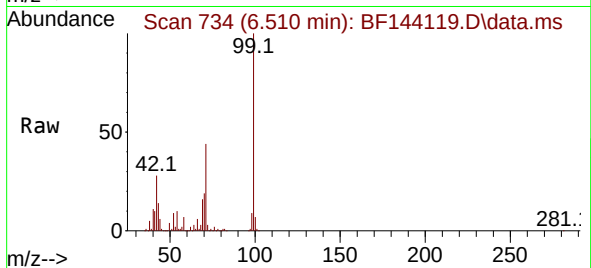




#7
Phenol-d6
Concen: 108.906 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144119.D
Acq: 29 Oct 2025 00:09

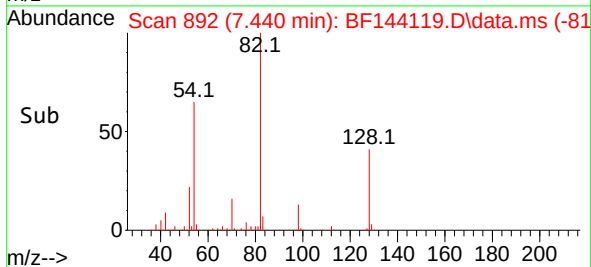
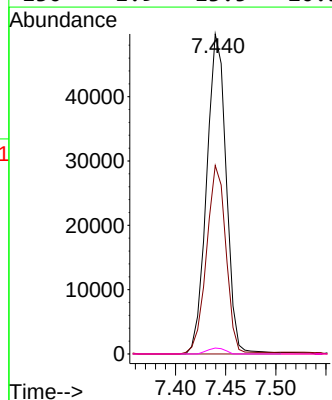
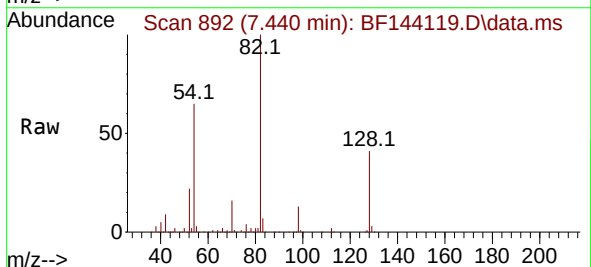
Instrument :
BNA_F
ClientSampleId :
P001-TW3-251023-01

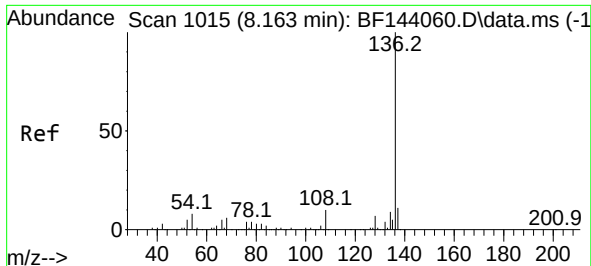
Tgt Ion: 99 Resp: 564129
Ion Ratio Lower Upper
99 100
42 28.3 23.9 35.9
71 43.6 34.4 51.6



#19
n-Nitroso-di-n-propylamine
Concen: 20.165 ng
RT: 7.440 min Scan# 892
Delta R.T. 0.153 min
Lab File: BF144119.D
Acq: 29 Oct 2025 00:09

Tgt Ion: 70 Resp: 67546
Ion Ratio Lower Upper
70 100
42 58.9 67.4 101.0#
101 0.0 7.1 10.7#
130 1.9 13.5 20.3#



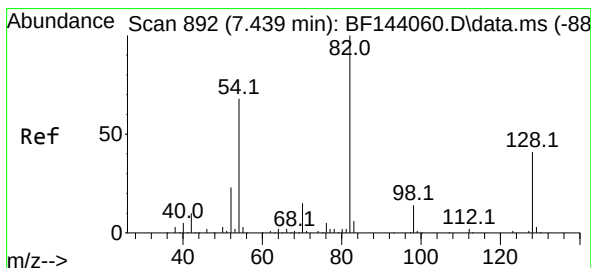
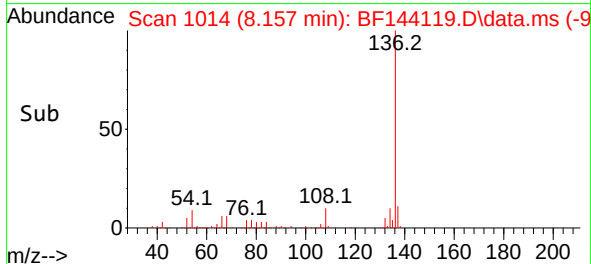
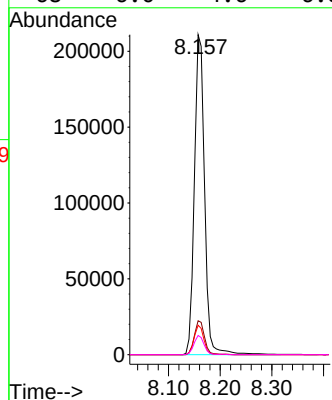
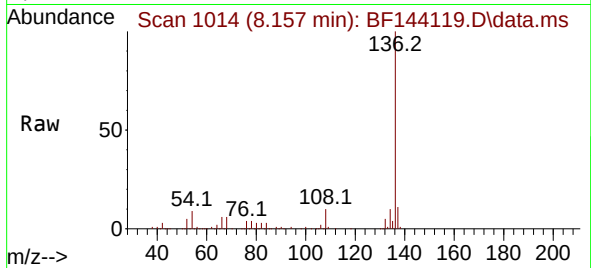


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144119.D
Acq: 29 Oct 2025 00:09

Instrument :
BNA_F
ClientSampleId :
P001-TW3-251023-01

Tgt Ion:136 Resp: 288956

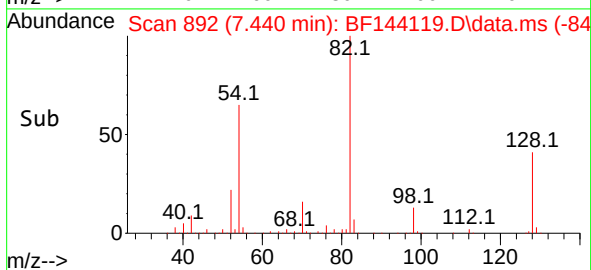
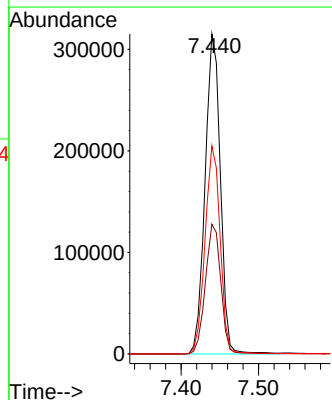
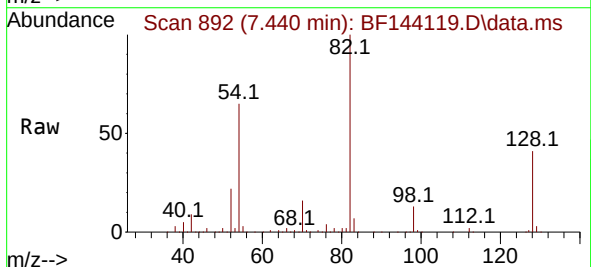
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	9.2	6.6	9.8
68	6.0	4.6	6.8

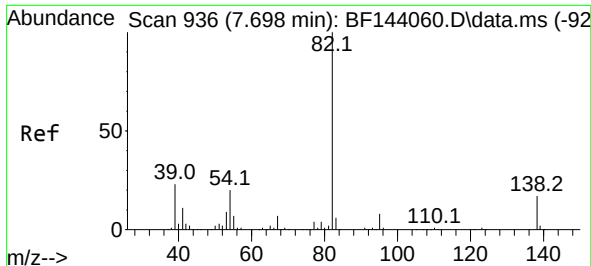


#23
Nitrobenzene-d5
Concen: 81.782 ng
RT: 7.440 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144119.D
Acq: 29 Oct 2025 00:09

Tgt Ion: 82 Resp: 431333

Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.4	48.6
54	65.0	54.0	81.0

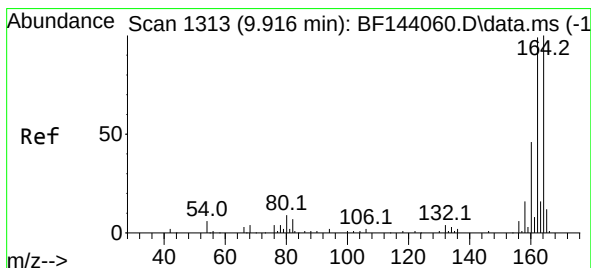
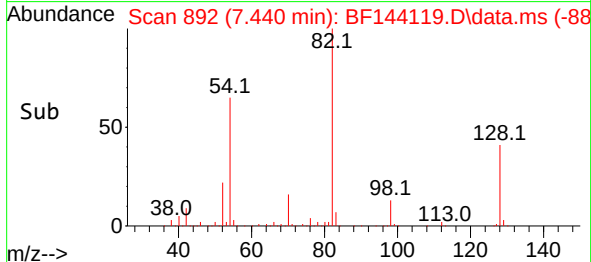
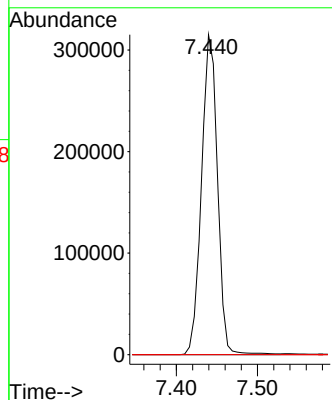
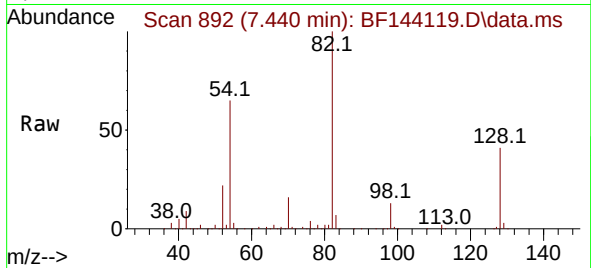




#25
Isophorone
Concen: 46.777 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.259 min
Lab File: BF144119.D
Acq: 29 Oct 2025 00:09

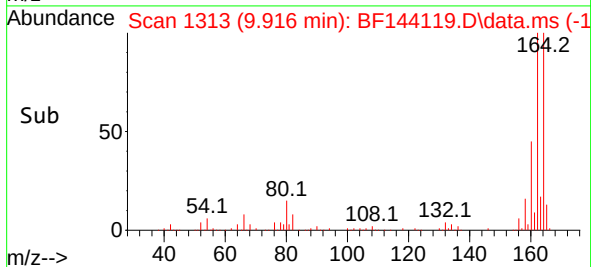
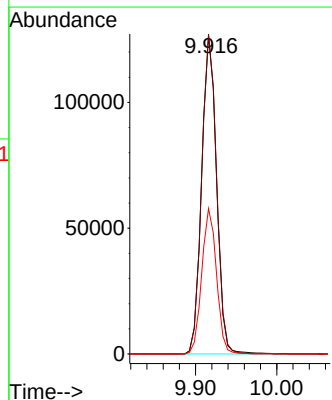
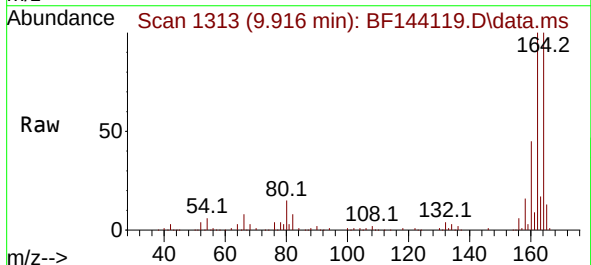
Instrument :
BNA_F
ClientSampleId :
P001-TW3-251023-01

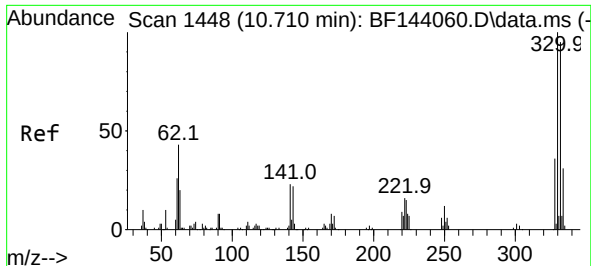
Tgt Ion: 82 Resp: 431328
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144119.D
Acq: 29 Oct 2025 00:09

Tgt Ion:164 Resp: 160721
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.2
160 45.6 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 129.850 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144119.D

Acq: 29 Oct 2025 00:09

Instrument :

BNA_F

ClientSampleId :

P001-TW3-251023-01

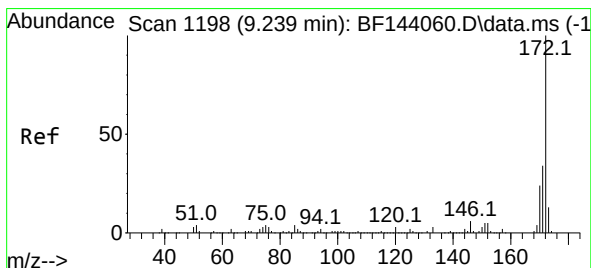
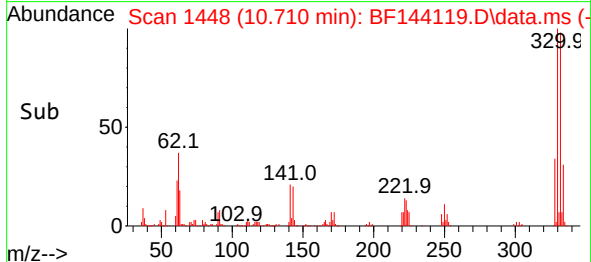
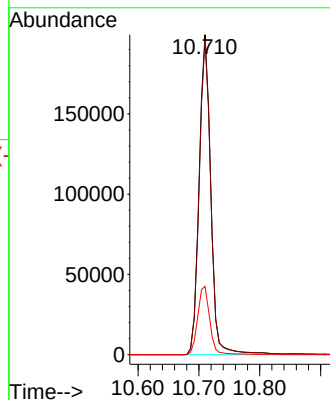
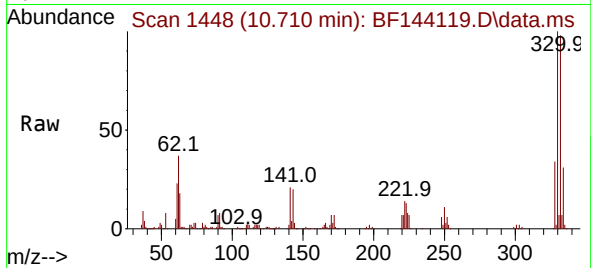
Tgt Ion:330 Resp: 265839

Ion Ratio Lower Upper

330 100

332 98.2 77.0 115.6

141 22.2 19.4 29.0



#45

2-Fluorobiphenyl

Concen: 77.306 ng

RT: 9.239 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144119.D

Acq: 29 Oct 2025 00:09

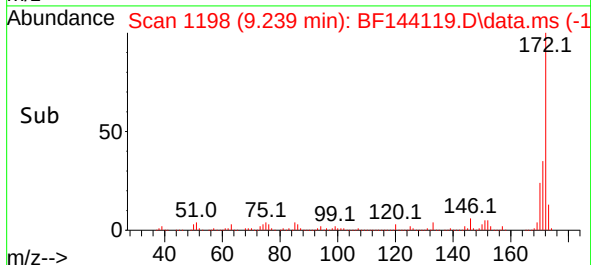
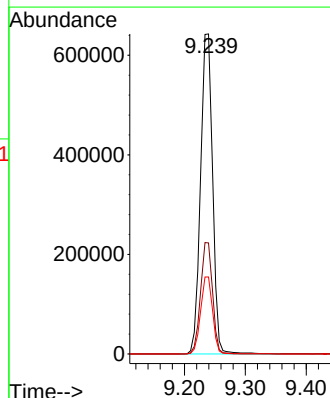
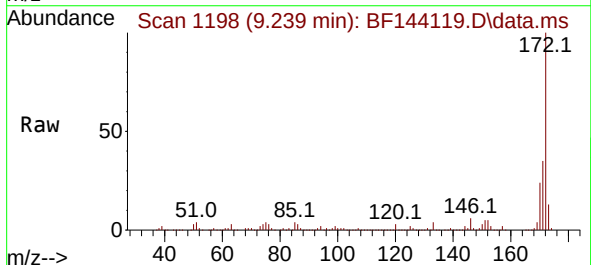
Tgt Ion:172 Resp: 882921

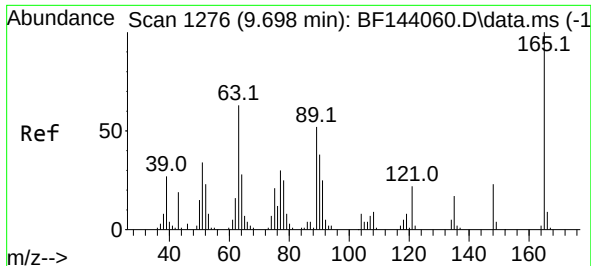
Ion Ratio Lower Upper

172 100

171 34.7 27.5 41.3

170 24.1 19.0 28.6

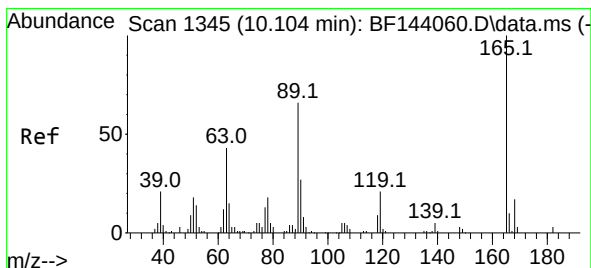
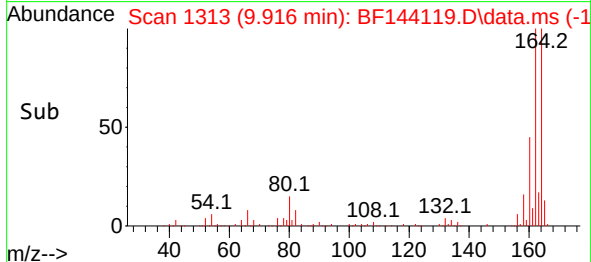
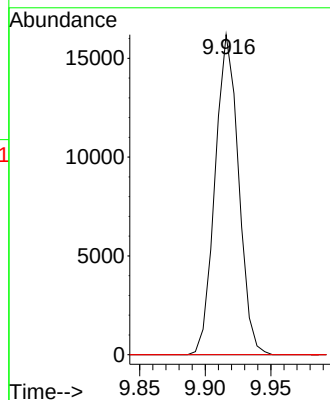
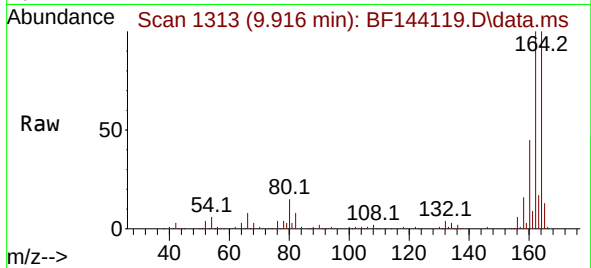




#51
2,6-Dinitrotoluene
Concen: 9.691 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF144119.D
Acq: 29 Oct 2025 00:09

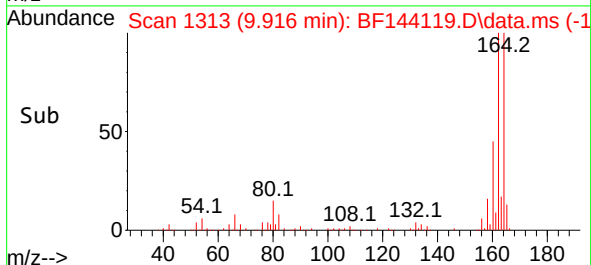
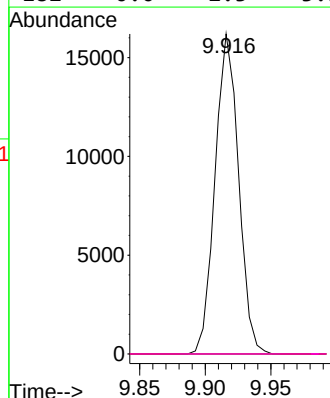
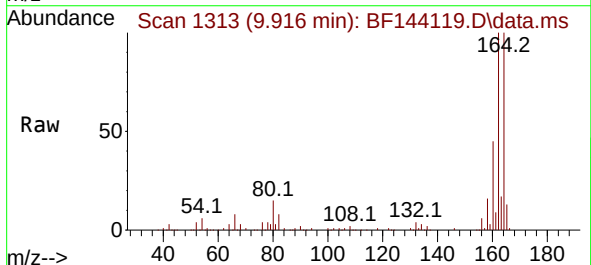
Instrument :
BNA_F
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P001-TW3-251023-01

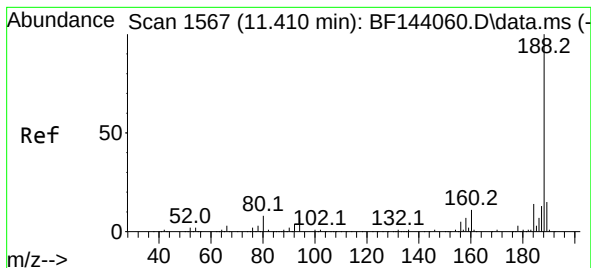
Tgt Ion:165 Resp: 20183
Ion Ratio Lower Upper
165 100
63 0.0 50.4 75.6#
89 0.0 41.4 62.2#



#57
2,4-Dinitrotoluene
Concen: 7.180 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.188 min
Lab File: BF144119.D
Acq: 29 Oct 2025 00:09

Tgt Ion:165 Resp: 20183
Ion Ratio Lower Upper
165 100
63 0.0 35.4 53.2#
89 0.0 52.7 79.1#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144119.D

Acq: 29 Oct 2025 00:09

Instrument :

BNA_F

ClientSampleId :

P001-TW3-251023-01

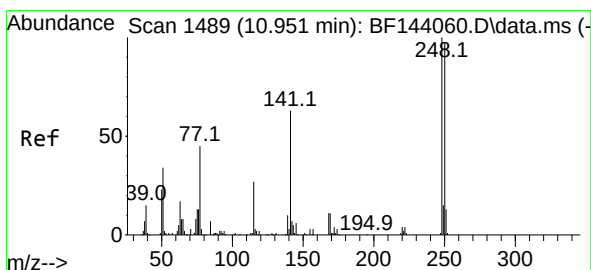
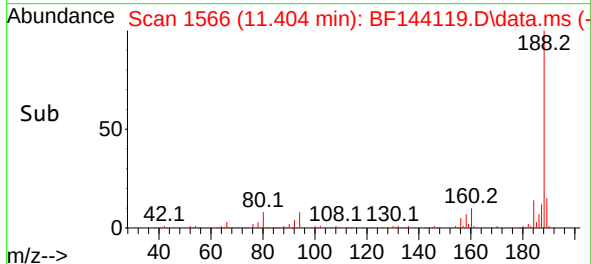
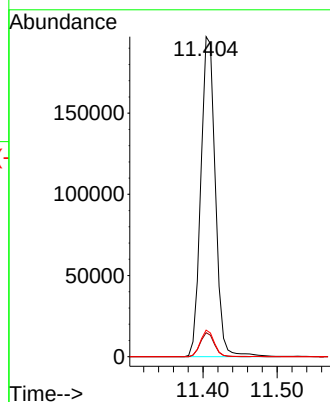
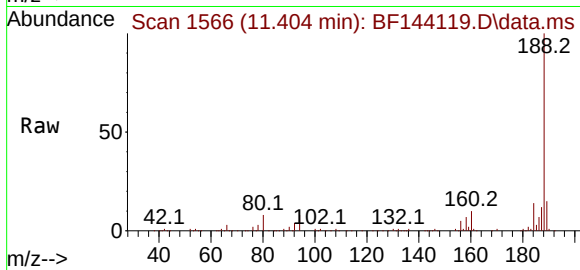
Tgt Ion:188 Resp: 268460

Ion Ratio Lower Upper

188 100

94 7.5 5.4 8.0

80 8.3 6.0 9.0



#67

4-Bromophenyl-phenylether

Concen: 4.453 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.241 min

Lab File: BF144119.D

Acq: 29 Oct 2025 00:09

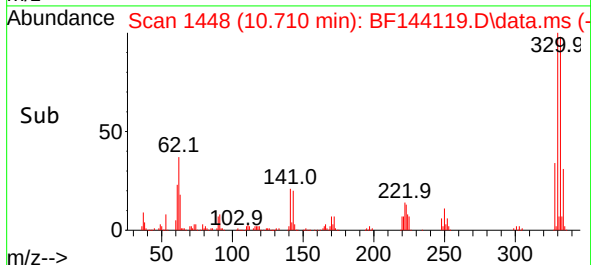
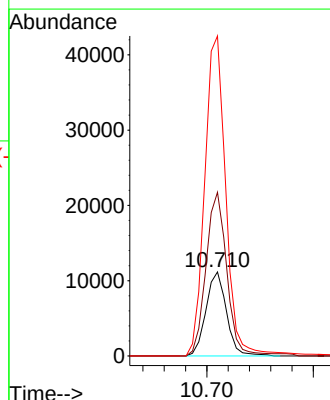
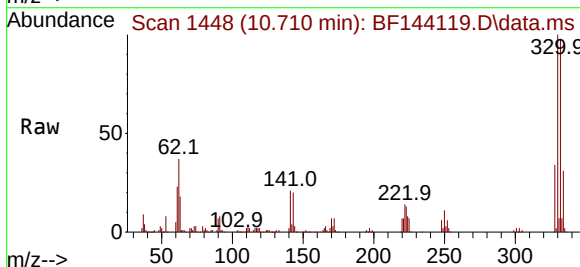
Tgt Ion:248 Resp: 14969

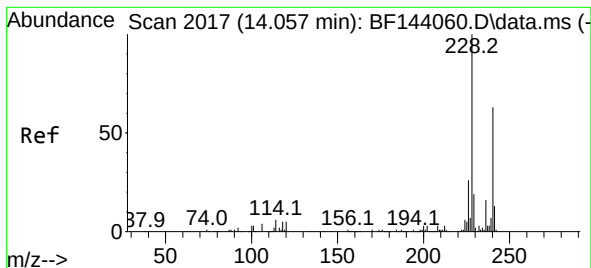
Ion Ratio Lower Upper

248 100

250 194.8 77.8 116.6#

141 381.1 50.5 75.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144119.D

Acq: 29 Oct 2025 00:09

Instrument :

BNA_F

ClientSampleId :

P001-TW3-251023-01

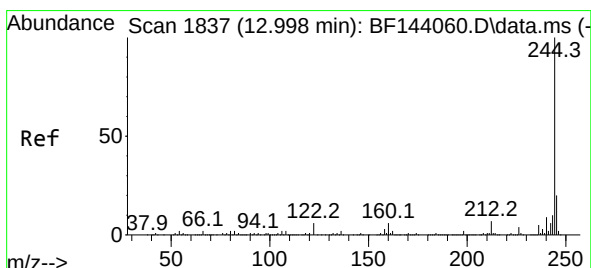
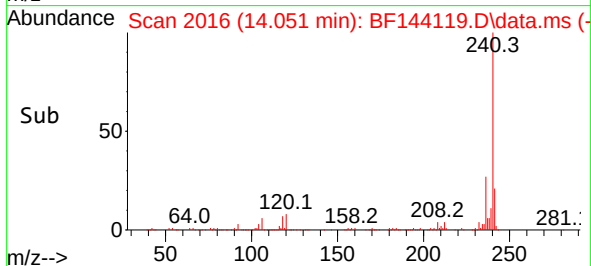
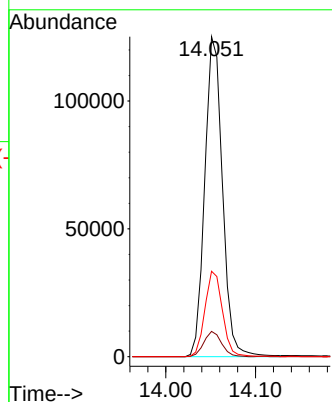
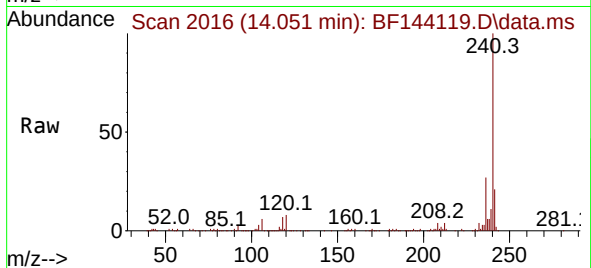
Tgt Ion:240 Resp: 171657

Ion Ratio Lower Upper

240 100

120 7.9 6.5 9.7

236 26.7 20.1 30.1



#79

Terphenyl-d14

Concen: 83.598 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144119.D

Acq: 29 Oct 2025 00:09

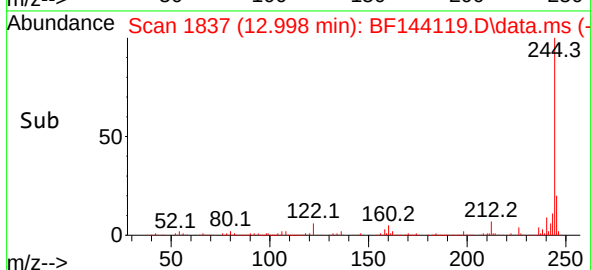
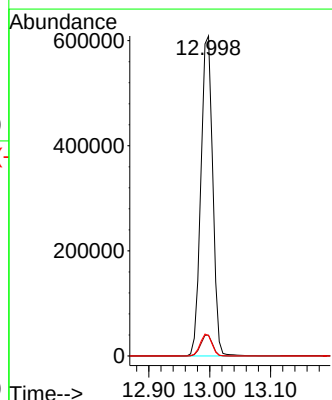
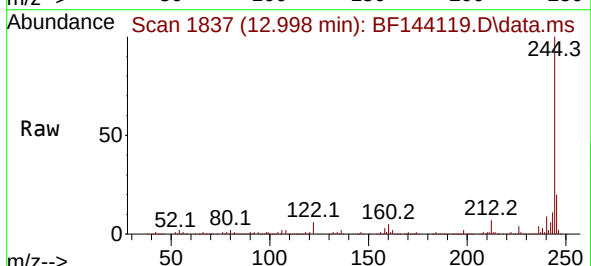
Tgt Ion:244 Resp: 820850

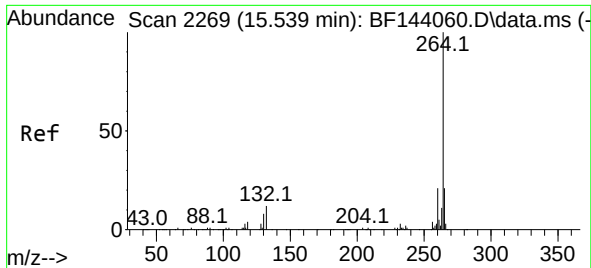
Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.6

122 6.4 4.9 7.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144119.D
Acq: 29 Oct 2025 00:09

Instrument :
BNA_F
ClientSampleId :
P001-TW3-251023-01

Tgt Ion:264 Resp: 207654

Ion	Ratio	Lower	Upper
264	100		
260	21.6	17.0	25.4
265	21.2	16.6	24.8

