

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
 Data File : BF143464.D
 Acq On : 19 Aug 2025 18:55
 Operator : RC/JU
 Sample : Q2891-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL-3

Quant Time: Aug 20 01:12:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 18 04:40:19 2025
 Response via : Initial Calibration

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

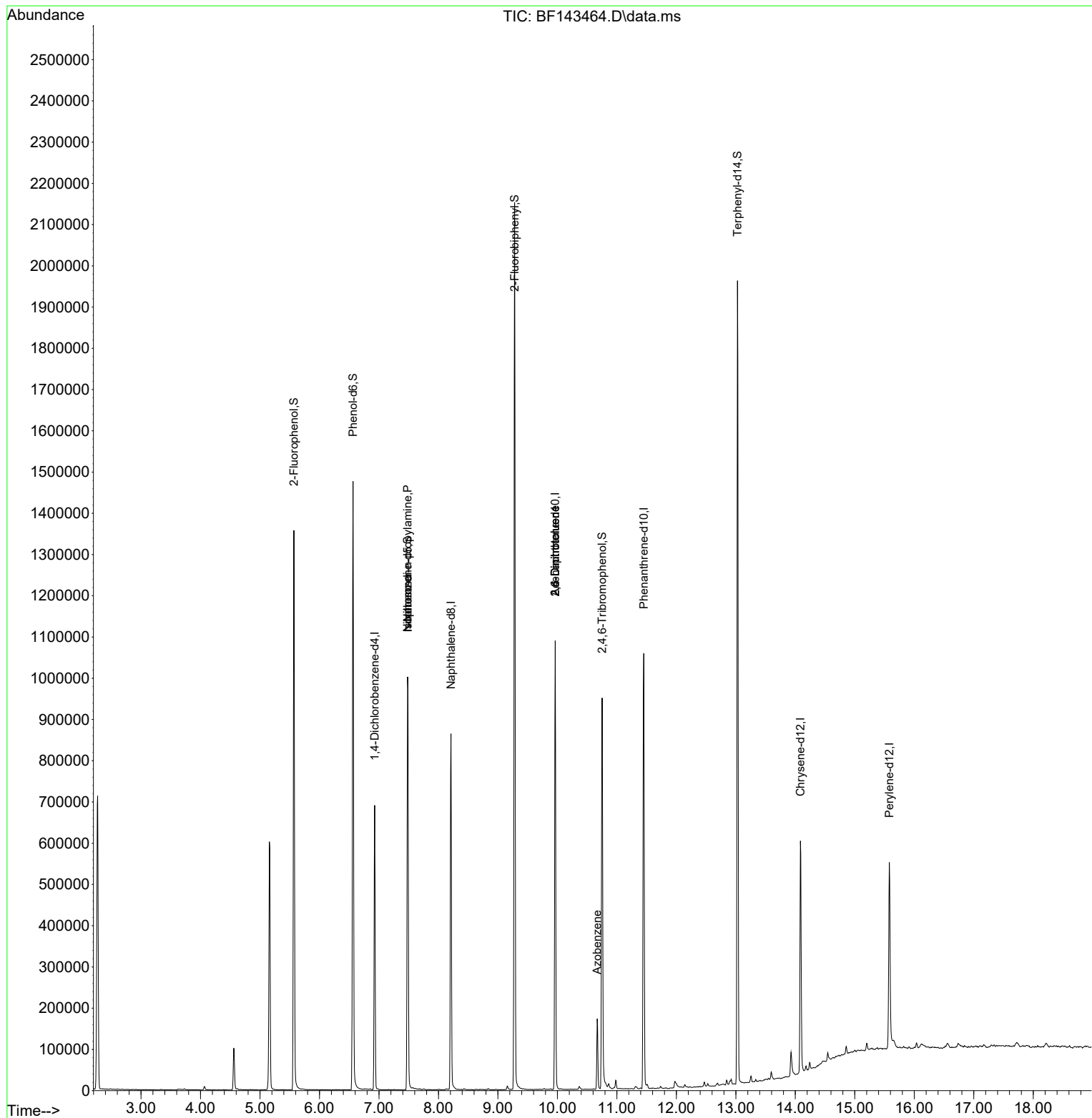
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	142604	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	558570	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	326282	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	543326	20.000	ng	0.00
76) Chrysene-d12	14.086	240	295246	20.000	ng	0.00
86) Perylene-d12	15.580	264	283938	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	491012	59.854	ng	0.01
7) Phenol-d6	6.563	99	661058	63.942	ng	0.00
23) Nitrobenzene-d5	7.481	82	458655	48.725	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	173212	59.643	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	950675	49.008	ng	0.00
79) Terphenyl-d14	13.027	244	947211	53.893	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	60211	9.408	ng	# 78
25) Isophorone	7.481	82	452891	25.138	ng	# 65
51) 2,6-Dinitrotoluene	9.963	165	42501	10.599	ng	# 24
57) 2,4-Dinitrotoluene	9.963	165	42501	7.949	ng	# 24
63) Azobenzene	10.669	77	44203	2.327	ng	# 1

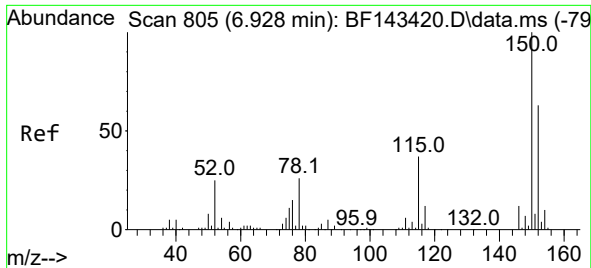
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

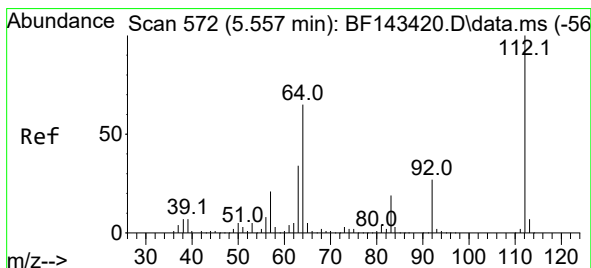
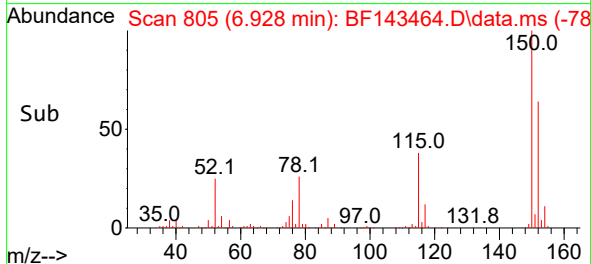
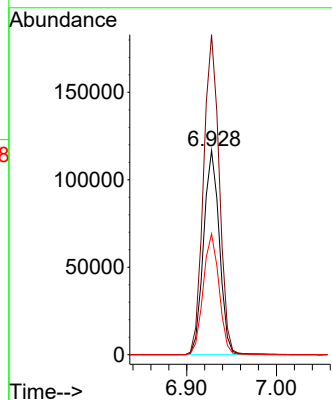
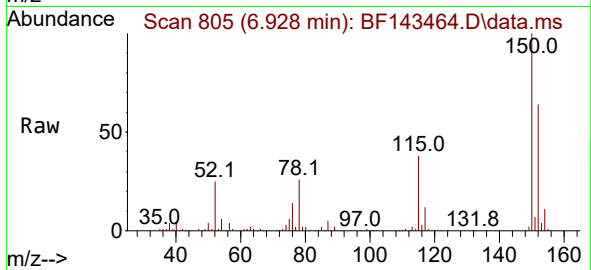




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF143464.D
 Acq: 19 Aug 2025 18:55

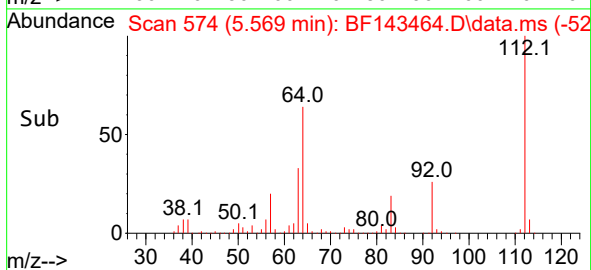
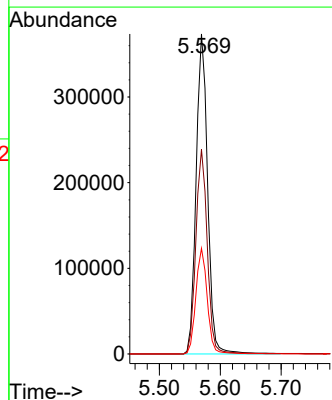
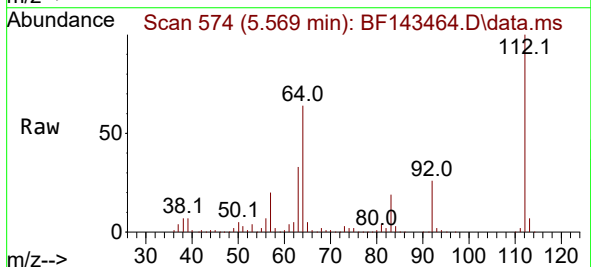
Instrument :
 BNA_F
 ClientSampleId :
 WALL-3

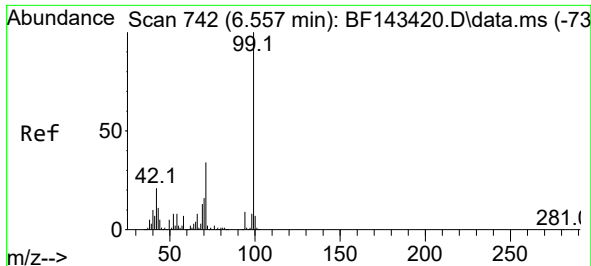
Tgt Ion:152 Resp: 142604
 Ion Ratio Lower Upper
 152 100
 150 156.7 127.4 191.2
 115 59.1 47.5 71.3



#5
 2-Fluorophenol
 Concen: 59.854 ng
 RT: 5.569 min Scan# 574
 Delta R.T. 0.012 min
 Lab File: BF143464.D
 Acq: 19 Aug 2025 18:55

Tgt Ion:112 Resp: 491012
 Ion Ratio Lower Upper
 112 100
 64 63.9 52.2 78.2
 63 33.0 27.0 40.6

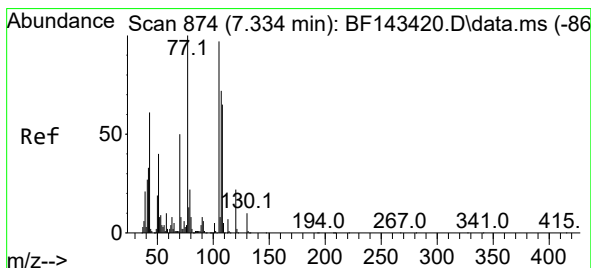
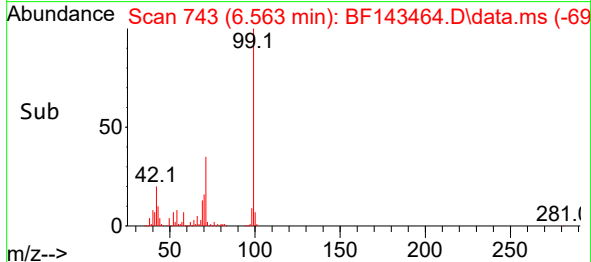
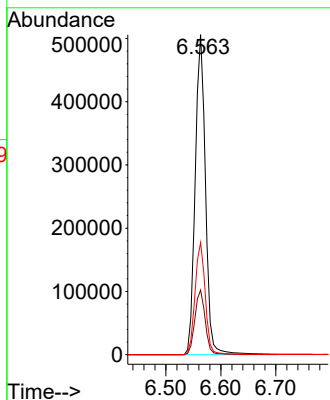
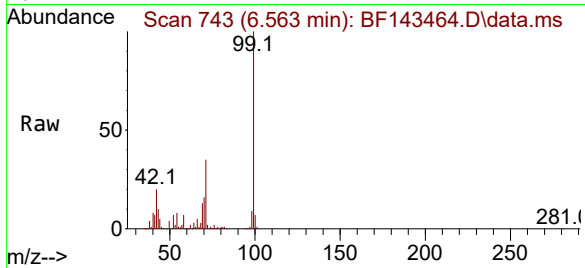




#7
Phenol-d6
Concen: 63.942 ng
RT: 6.563 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143464.D
Acq: 19 Aug 2025 18:55

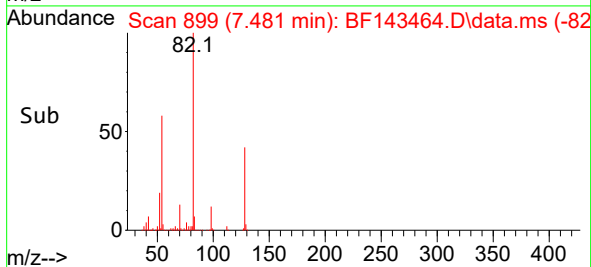
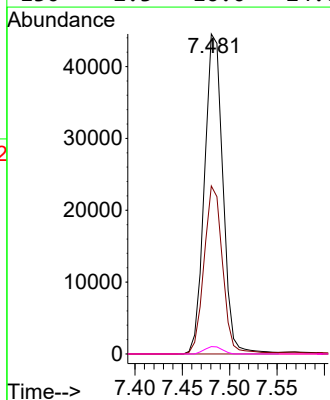
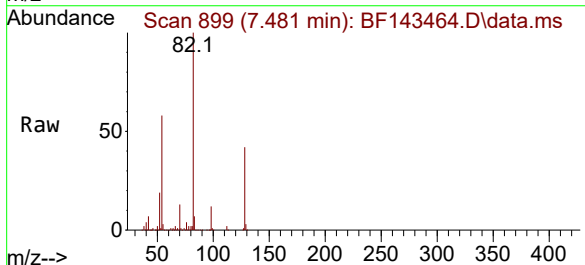
Instrument :
BNA_F
ClientSampleId :
WALL-3

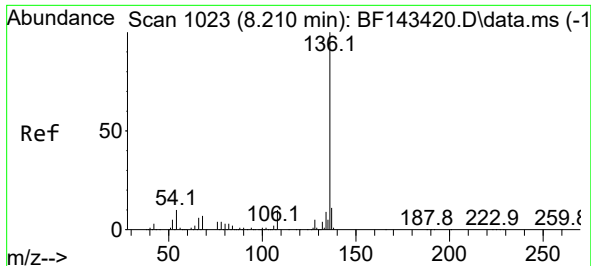
Tgt Ion: 99 Resp: 661058
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 35.0 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 9.408 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF143464.D
Acq: 19 Aug 2025 18:55

Tgt Ion: 70 Resp: 60211
Ion Ratio Lower Upper
70 100
42 52.5 52.5 78.7
101 0.0 7.9 11.9#
130 2.3 16.0 24.0#

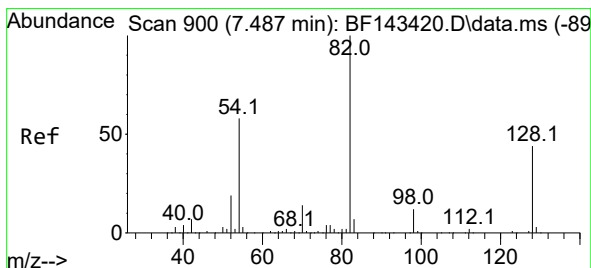
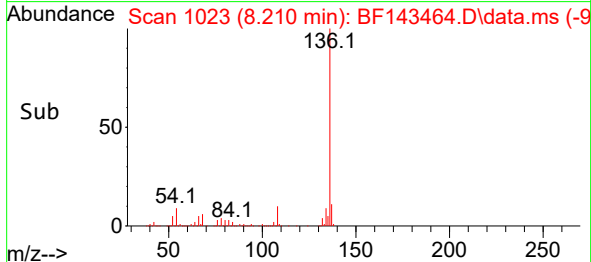
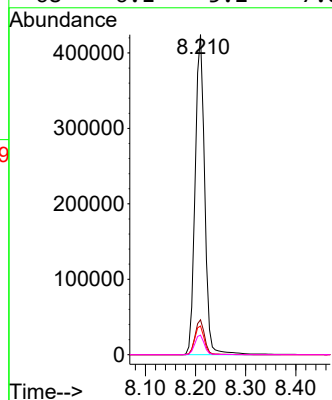
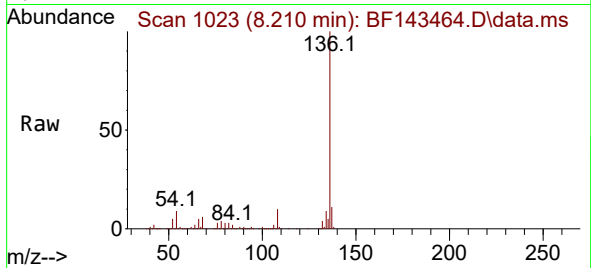




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143464.D
Acq: 19 Aug 2025 18:55

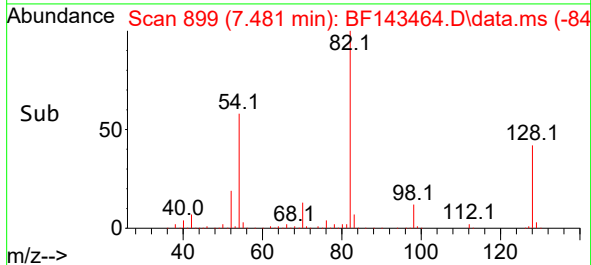
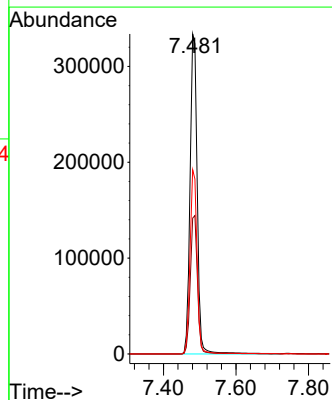
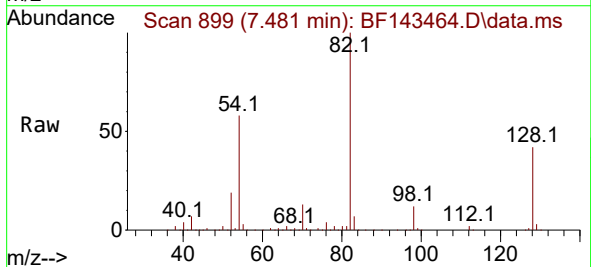
Instrument :
BNA_F
ClientSampleId :
WALL-3

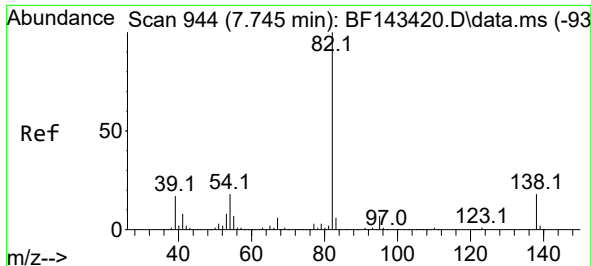
Tgt Ion:	136	Resp:	558570
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.0	7.8	11.8
68	6.1	5.2	7.8



#23
Nitrobenzene-d5
Concen: 48.725 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF143464.D
Acq: 19 Aug 2025 18:55

Tgt Ion:	82	Resp:	458655
Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.6	52.0
54	57.6	46.0	69.0

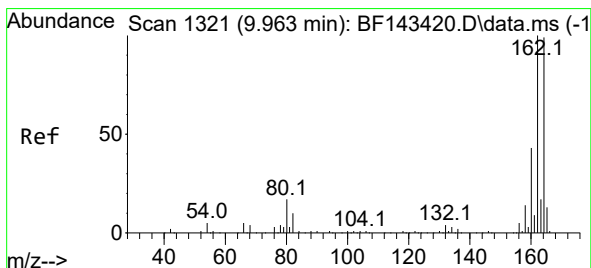
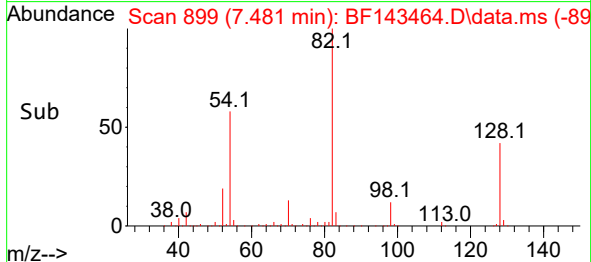
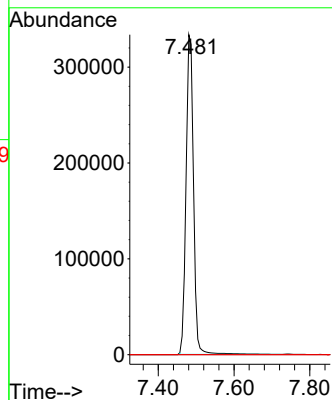
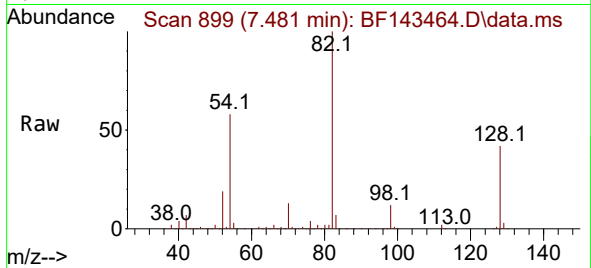




#25
Isophorone
Concen: 25.138 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.265 min
Lab File: BF143464.D
Acq: 19 Aug 2025 18:55

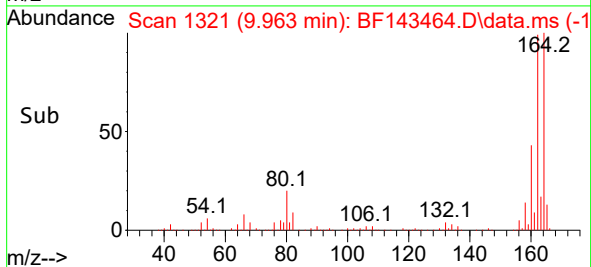
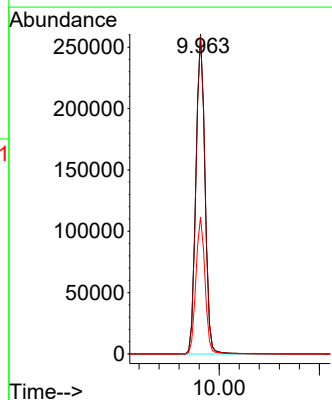
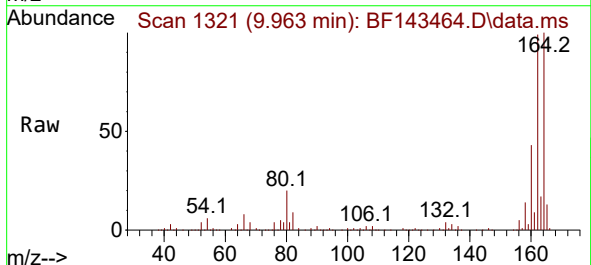
Instrument :
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ClientSampleId :
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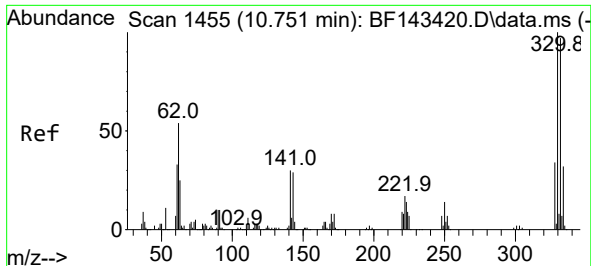
Tgt Ion: 82 Resp: 452891
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.3 21.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF143464.D
Acq: 19 Aug 2025 18:55

Tgt Ion:164 Resp: 326282
Ion Ratio Lower Upper
164 100
162 99.5 80.6 121.0
160 42.8 34.6 51.8

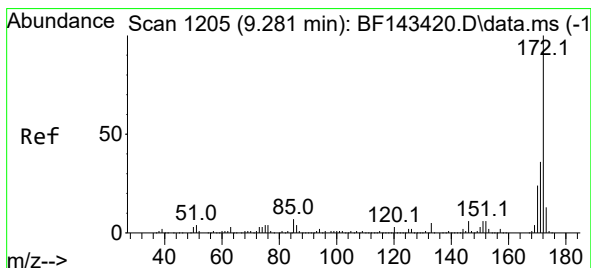
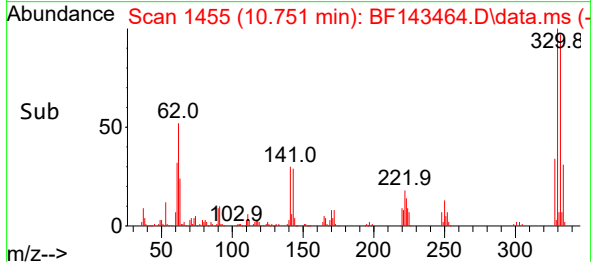
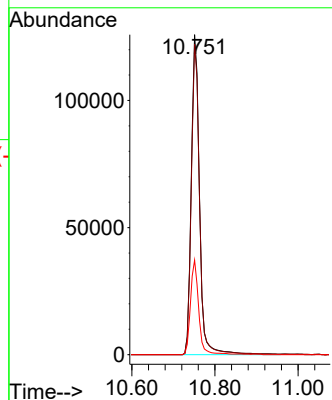
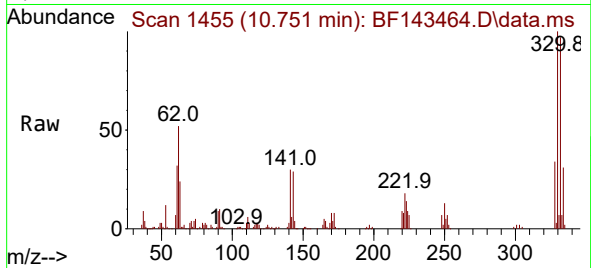




#42
2,4,6-Tribromophenol
Concen: 59.643 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF143464.D
Acq: 19 Aug 2025 18:55

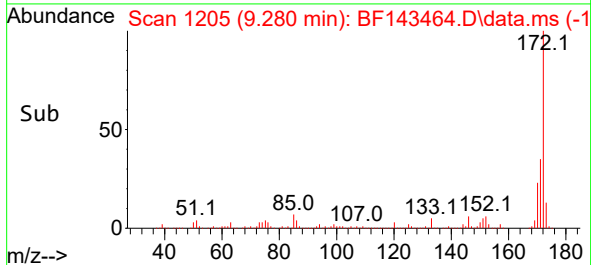
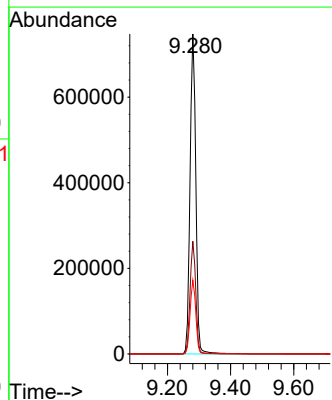
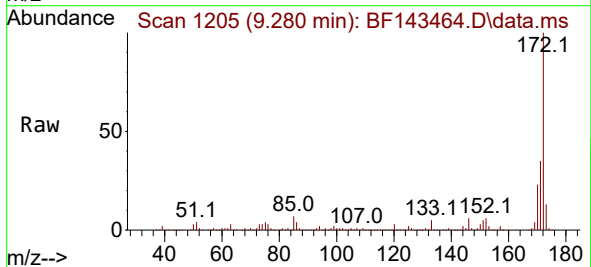
Instrument :
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ClientSampleId :
WALL-3

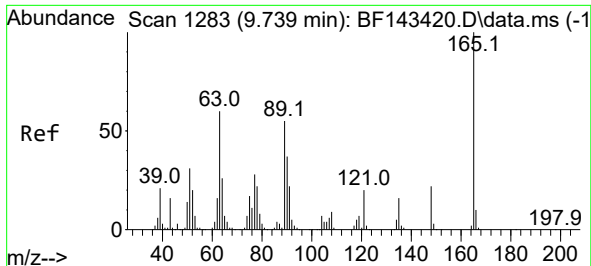
Tgt Ion:330 Resp: 173212
Ion Ratio Lower Upper
330 100
332 97.5 77.4 116.2
141 29.3 24.1 36.1



#45
2-Fluorobiphenyl
Concen: 49.008 ng
RT: 9.280 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF143464.D
Acq: 19 Aug 2025 18:55

Tgt Ion:172 Resp: 950675
Ion Ratio Lower Upper
172 100
171 35.2 28.7 43.1
170 23.1 19.0 28.6

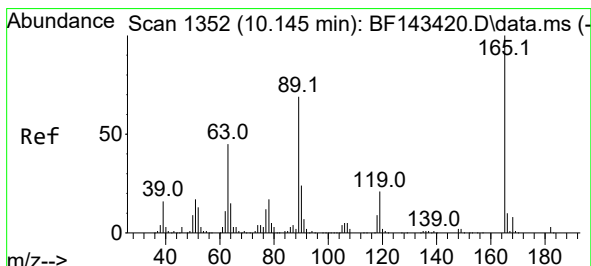
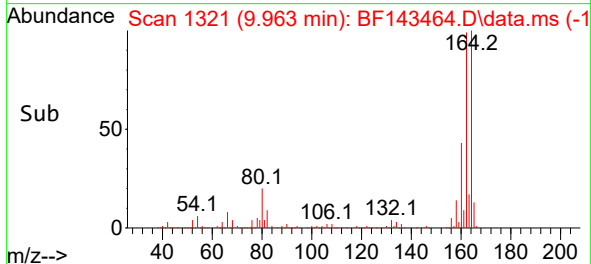
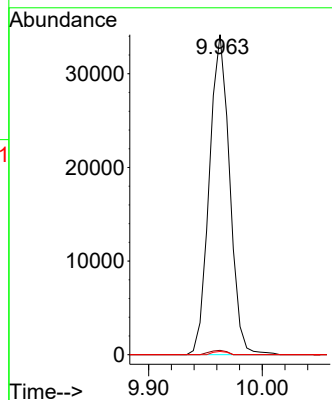
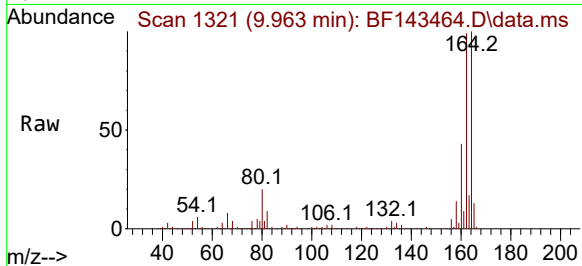




#51
2,6-Dinitrotoluene
Concen: 10.599 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.223 min
Lab File: BF143464.D
Acq: 19 Aug 2025 18:55

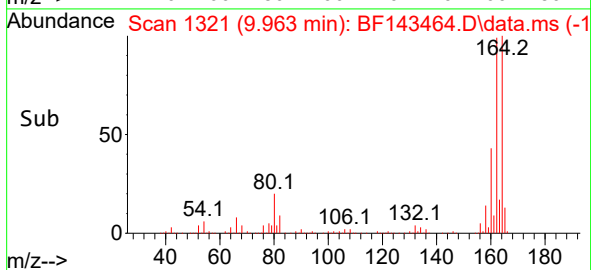
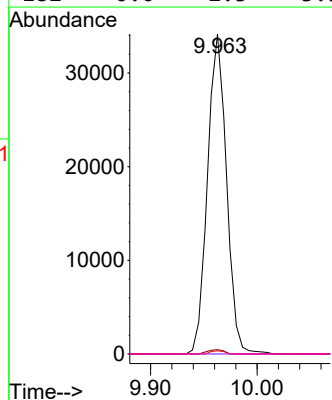
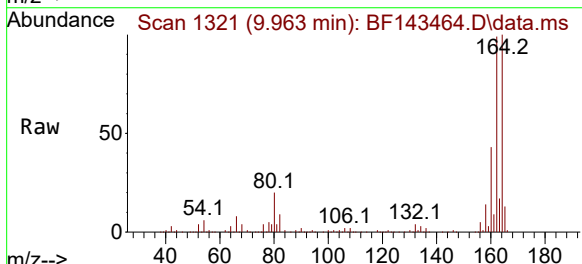
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ClientSampleId :
WALL-3

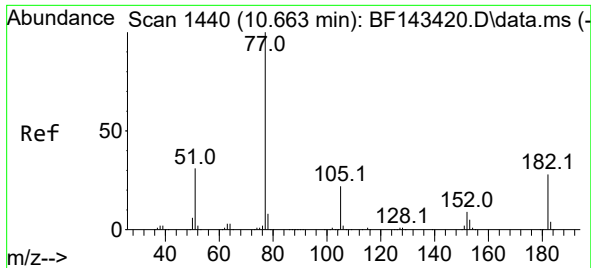
Tgt Ion:165 Resp: 42501
Ion Ratio Lower Upper
165 100
63 1.3 48.2 72.2#
89 1.0 44.2 66.2#



#57
2,4-Dinitrotoluene
Concen: 7.949 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.182 min
Lab File: BF143464.D
Acq: 19 Aug 2025 18:55

Tgt Ion:165 Resp: 42501
Ion Ratio Lower Upper
165 100
63 1.3 37.0 55.6#
89 1.0 55.4 83.0#
182 0.0 2.3 3.5#

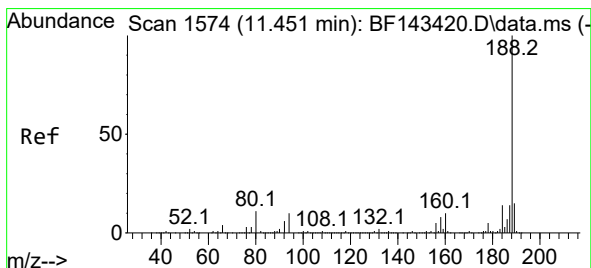
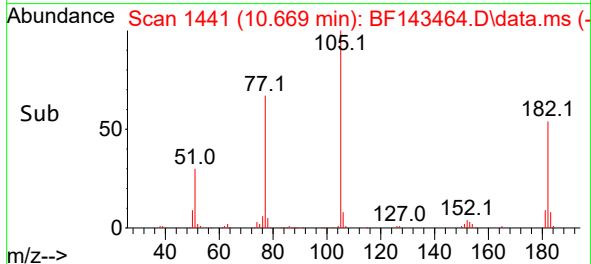
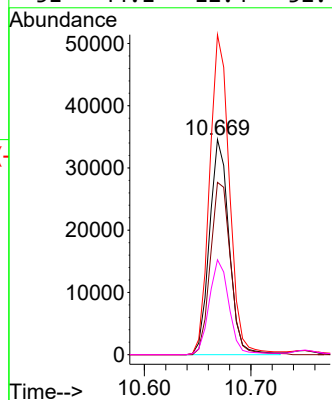
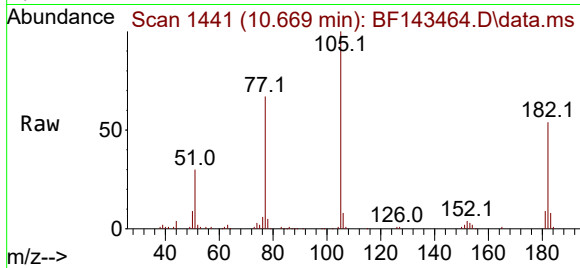




#63
Azobenzene
Concen: 2.327 ng
RT: 10.669 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143464.D
Acq: 19 Aug 2025 18:55

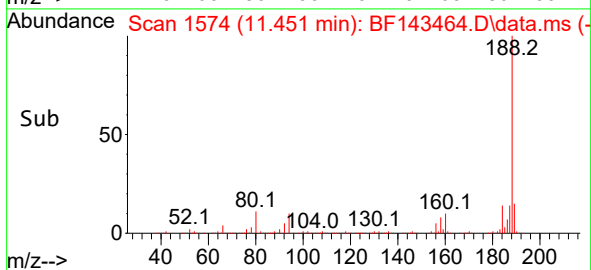
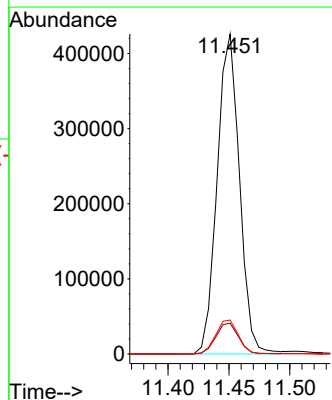
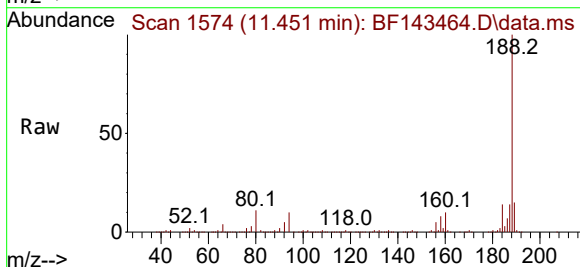
Instrument :
BNA_F
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WALL-3

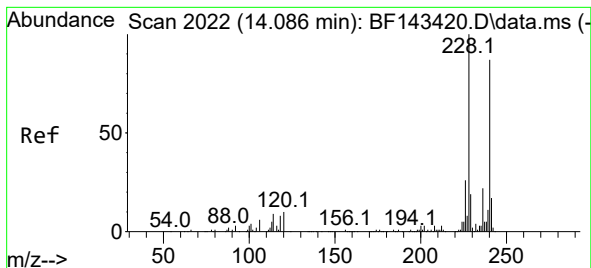
Tgt Ion: 77 Resp: 44203
Ion Ratio Lower Upper
77 100
182 80.1 7.4 47.4#
105 148.7 1.7 41.7#
51 44.1 12.4 52.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143464.D
Acq: 19 Aug 2025 18:55

Tgt Ion: 188 Resp: 543326
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 10.6 8.6 12.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF143464.D

Acq: 19 Aug 2025 18:55

Instrument :

BNA_F

ClientSampleId :

WALL-3

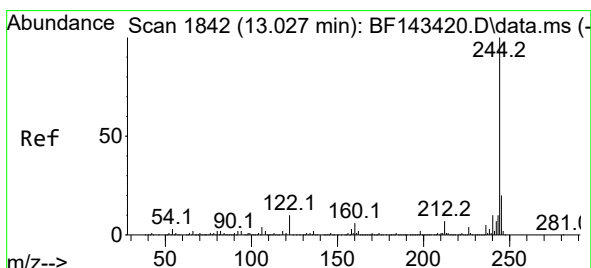
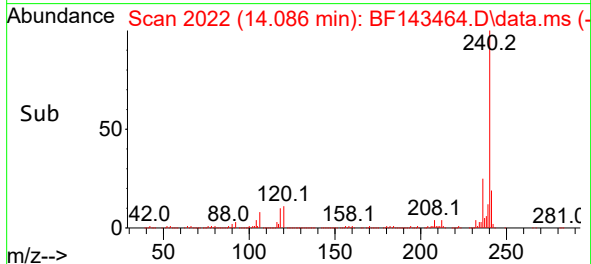
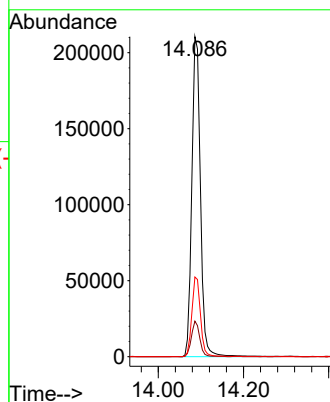
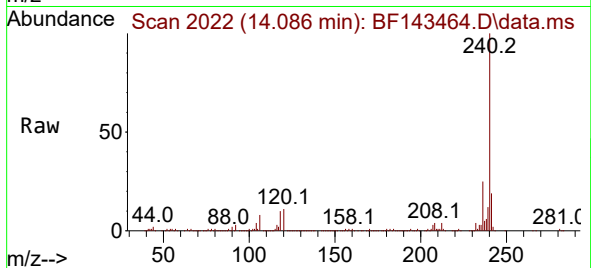
Tgt Ion:240 Resp: 295246

Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.4

236 24.9 20.2 30.2



#79

Terphenyl-d14

Concen: 53.893 ng

RT: 13.027 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF143464.D

Acq: 19 Aug 2025 18:55

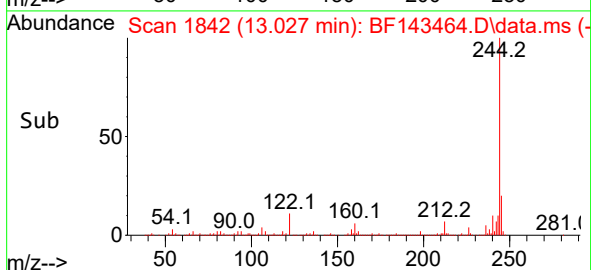
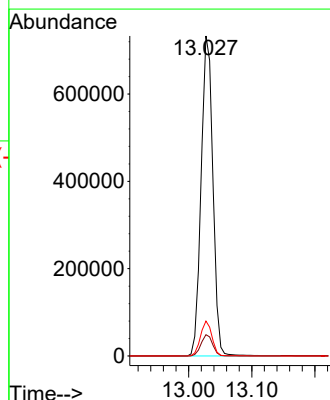
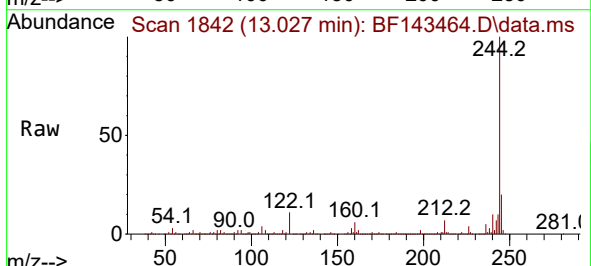
Tgt Ion:244 Resp: 947211

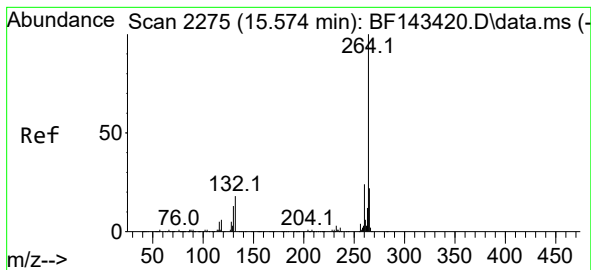
Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 10.9 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143464.D
Acq: 19 Aug 2025 18:55

Instrument :
BNA_F
ClientSampleId :
WALL-3

Tgt Ion:264 Resp: 283938
Ion Ratio Lower Upper
264 100
260 23.0 18.8 28.2
265 21.7 17.4 26.0

