

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143491.D
 Acq On : 20 Aug 2025 18:12
 Operator : RC/JU
 Sample : Q2892-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3-FLOOR-SOUTH-E

Quant Time: Aug 21 02:04:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 20 15:07:46 2025
 Response via : Initial Calibration

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

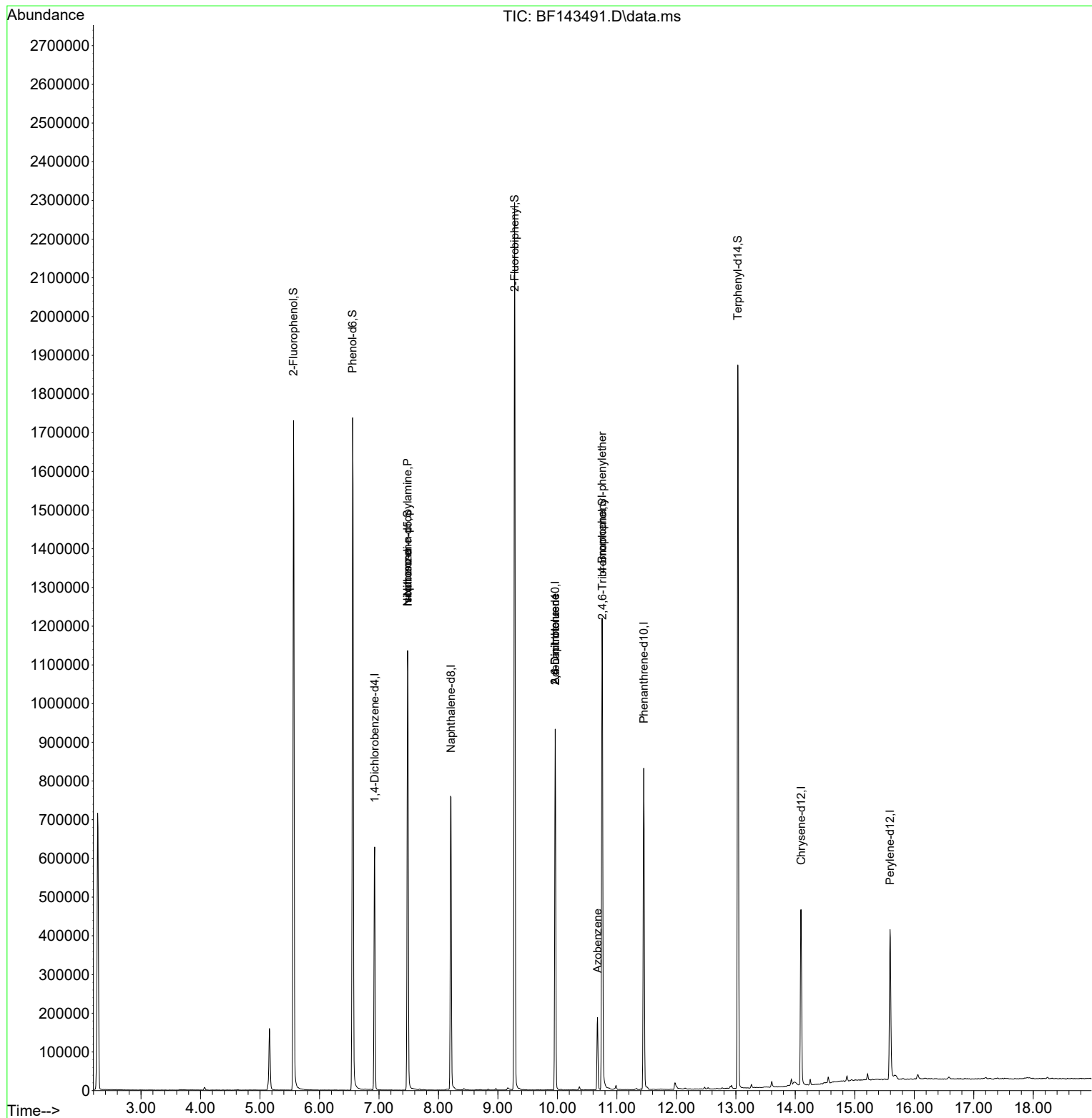
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	134638	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	510532	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	279776	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	430250	20.000	ng	0.00
76) Chrysene-d12	14.098	240	247496	20.000	ng	0.00
86) Perylene-d12	15.592	264	250398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	630643	81.790	ng	0.00
7) Phenol-d6	6.557	99	808762	84.970	ng	-0.02
23) Nitrobenzene-d5	7.481	82	512428	58.572	ng	-0.02
42) 2,4,6-Tribromophenol	10.757	330	217081	83.355	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1000601	59.107	ng	0.00
79) Terphenyl-d14	13.033	244	923783	65.134	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	70101	12.050	ng	# 79
25) Isophorone	7.481	82	457919	28.553	ng	# 65
51) 2,6-Dinitrotoluene	9.963	165	35621	10.200	ng	# 26
57) 2,4-Dinitrotoluene	9.963	165	35621	7.639	ng	# 26
63) Azobenzene	10.675	77	47283	3.018	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	15127	2.947	ng	# 1

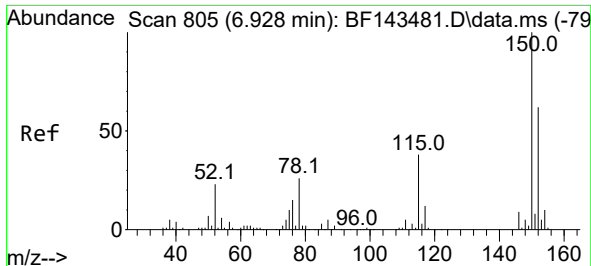
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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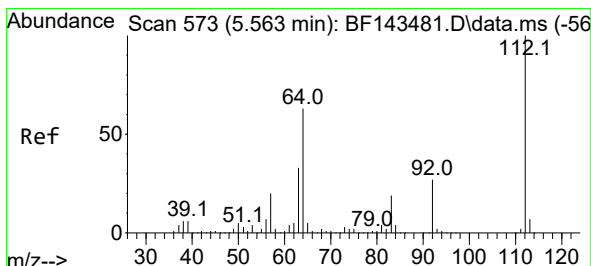
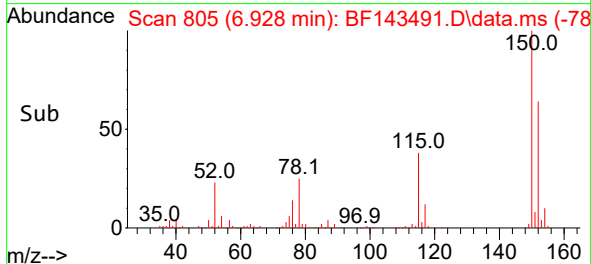
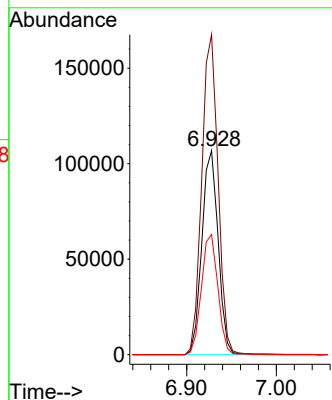
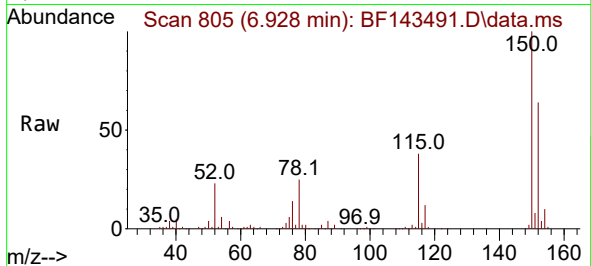




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143491.D
Acq: 20 Aug 2025 18:12

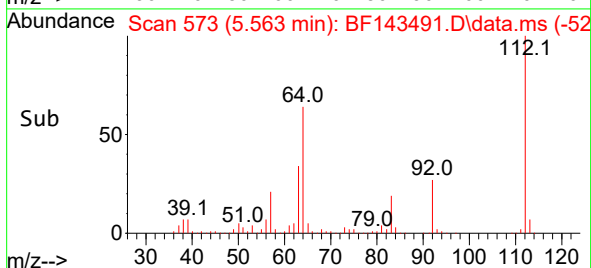
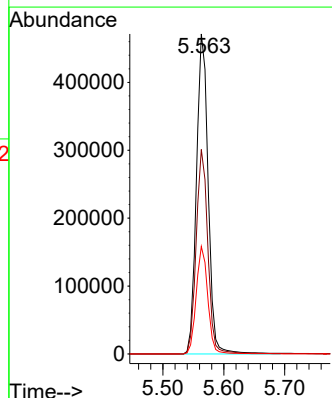
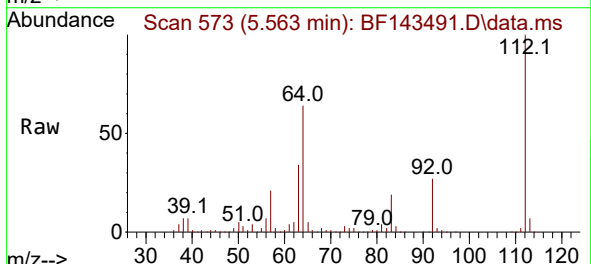
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-E

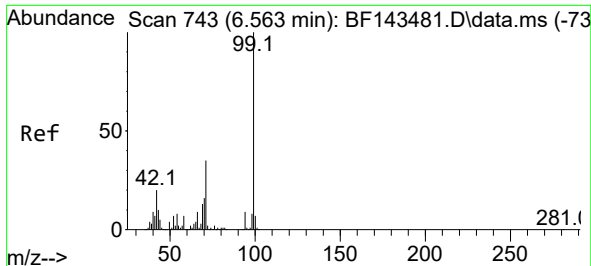
Tgt Ion:152 Resp: 134638
Ion Ratio Lower Upper
152 100
150 156.8 128.9 193.3
115 58.9 49.2 73.8



#5
2-Fluorophenol
Concen: 81.790 ng
RT: 5.563 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF143491.D
Acq: 20 Aug 2025 18:12

Tgt Ion:112 Resp: 630643
Ion Ratio Lower Upper
112 100
64 63.9 50.4 75.6
63 33.6 26.4 39.6

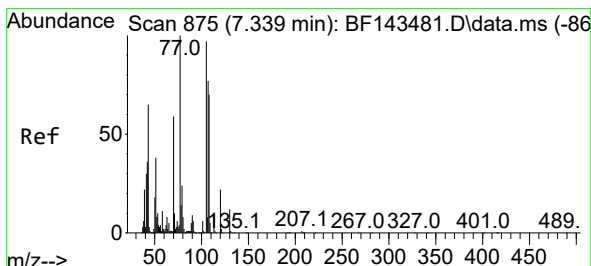
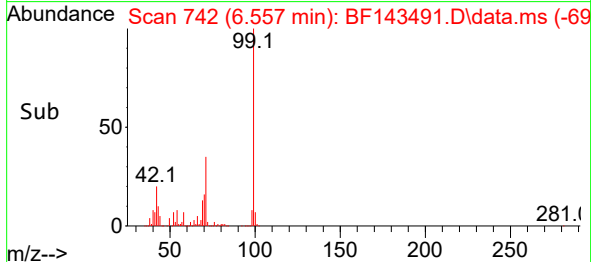
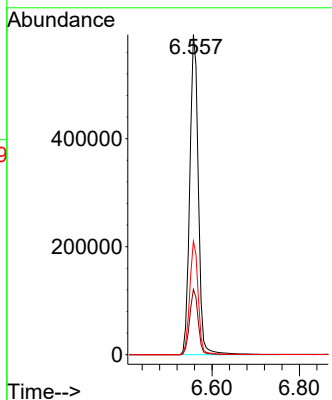
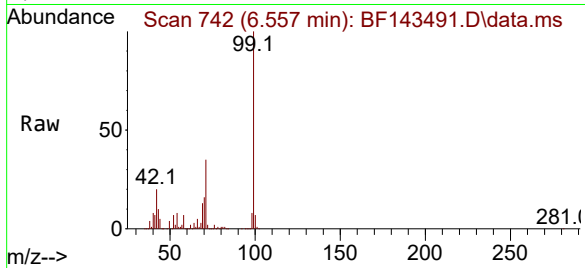




#7
Phenol-d6
Concen: 84.970 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF143491.D
Acq: 20 Aug 2025 18:12

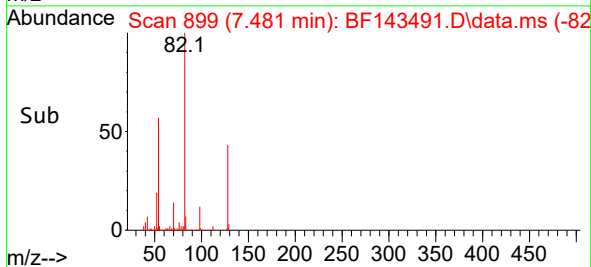
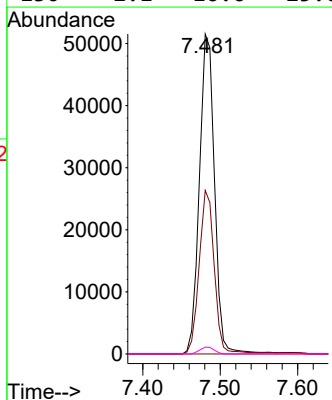
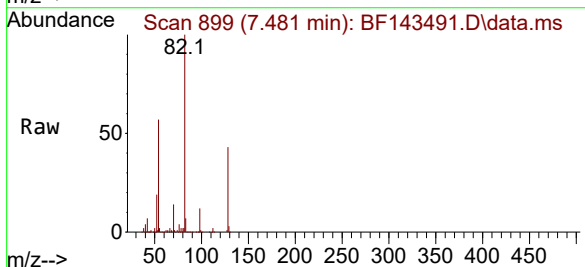
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ClientSampleId :
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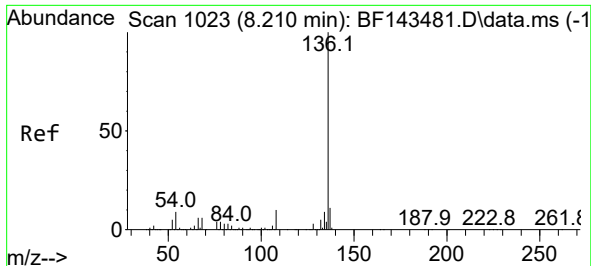
Tgt Ion: 99 Resp: 808762
Ion Ratio Lower Upper
99 100
42 20.4 16.3 24.5
71 35.5 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.050 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.129 min
Lab File: BF143491.D
Acq: 20 Aug 2025 18:12

Tgt Ion: 70 Resp: 70101
Ion Ratio Lower Upper
70 100
42 51.1 49.3 73.9
101 0.0 7.8 11.8#
130 2.1 16.6 25.0#



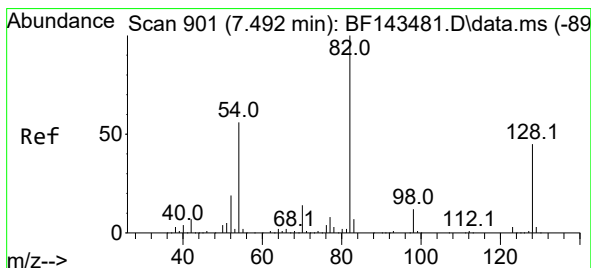
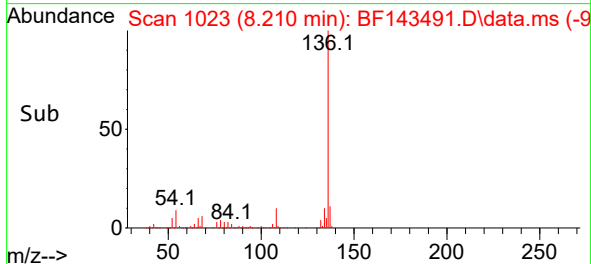
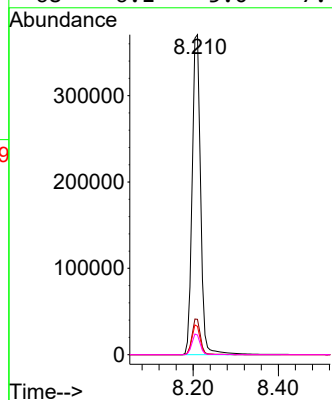
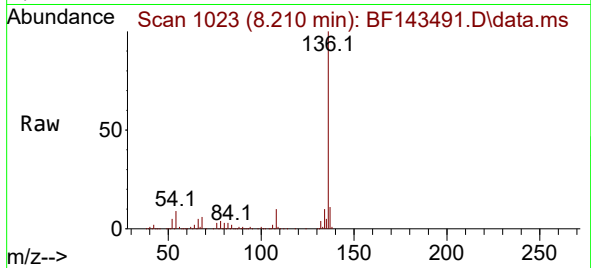


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143491.D
Acq: 20 Aug 2025 18:12

Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-E

Tgt Ion:136 Resp: 510532

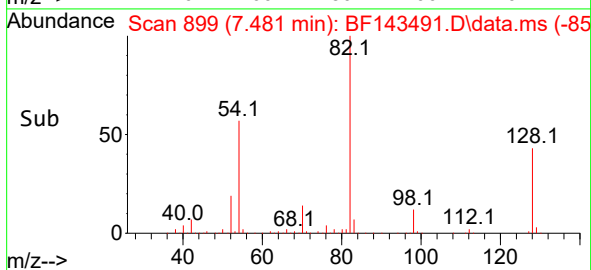
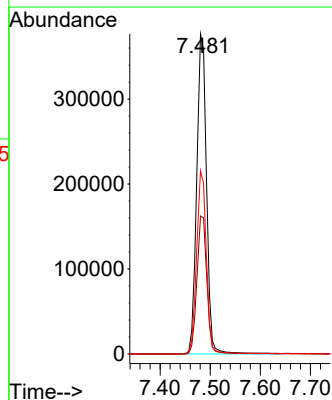
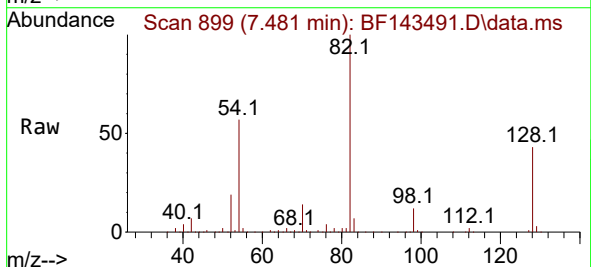
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.9	7.4	11.2
68	6.1	5.0	7.4

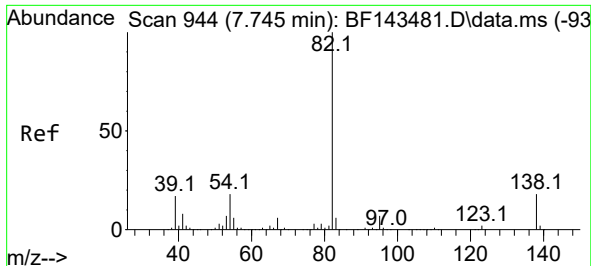


#23
Nitrobenzene-d5
Concen: 58.572 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.018 min
Lab File: BF143491.D
Acq: 20 Aug 2025 18:12

Tgt Ion: 82 Resp: 512428

Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.5	53.3
54	57.2	44.3	66.5

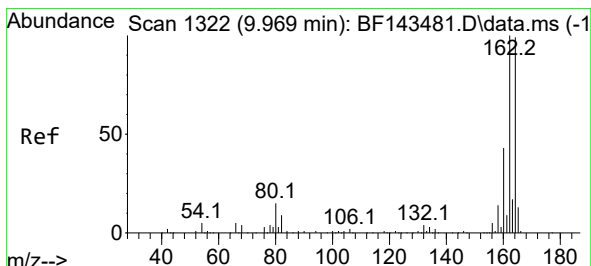
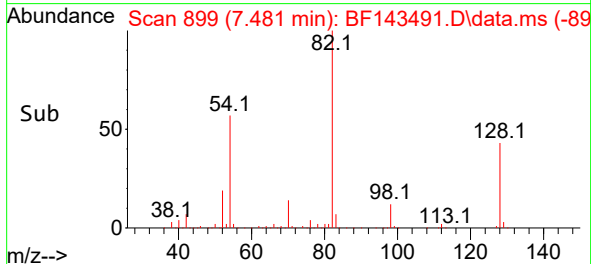
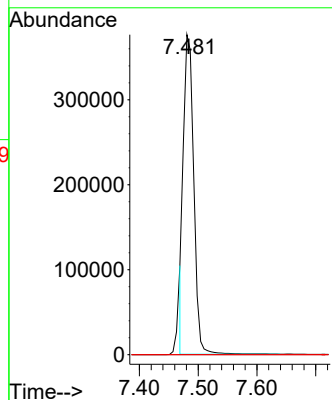
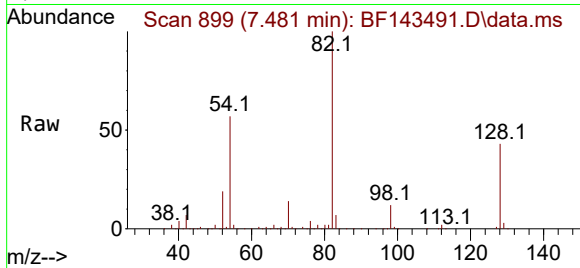




#25
Isophorone
Concen: 28.553 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.276 min
Lab File: BF143491.D
Acq: 20 Aug 2025 18:12

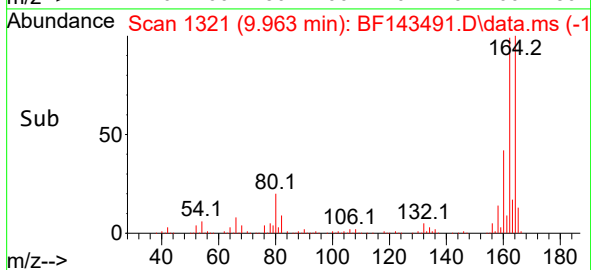
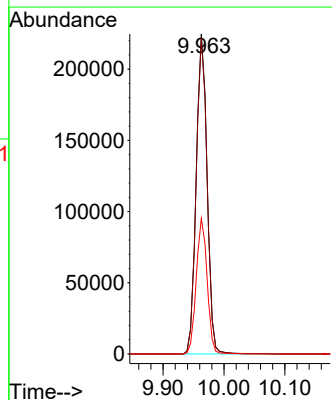
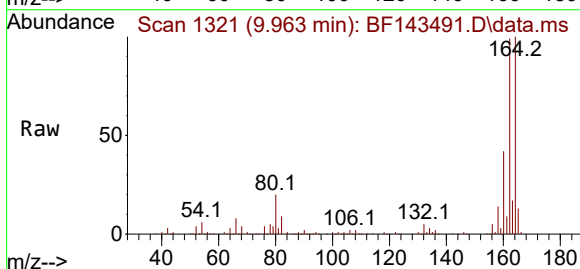
Instrument :
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ClientSampleId :
3-FLOOR-SOUTH-E

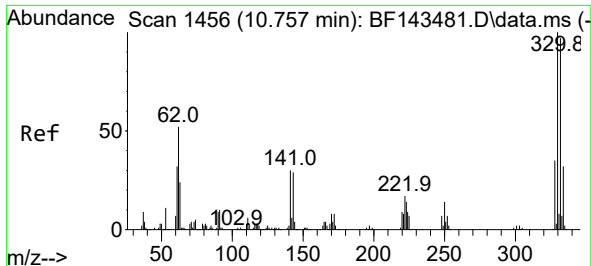
Tgt Ion: 82 Resp: 457919
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 14.2 21.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143491.D
Acq: 20 Aug 2025 18:12

Tgt Ion:164 Resp: 279776
Ion Ratio Lower Upper
164 100
162 98.8 80.5 120.7
160 42.3 34.3 51.5

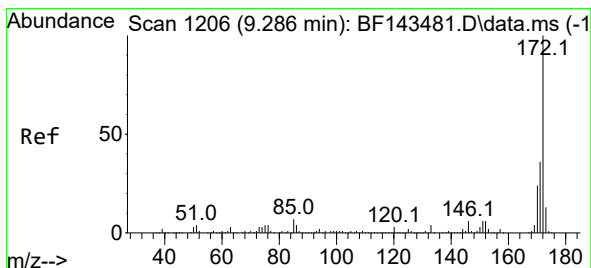
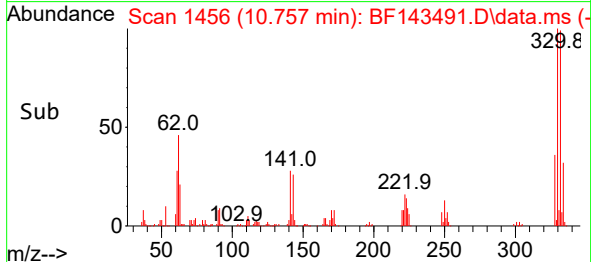
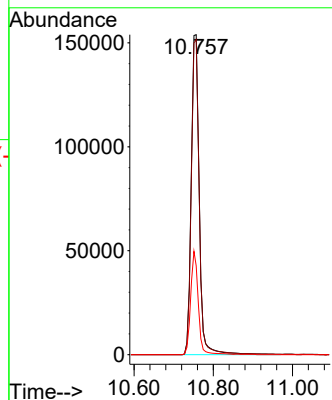
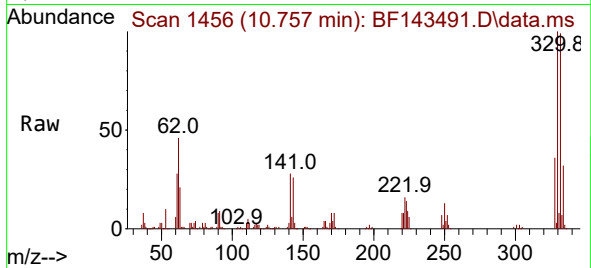




#42
2,4,6-Tribromophenol
Concen: 83.355 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143491.D
Acq: 20 Aug 2025 18:12

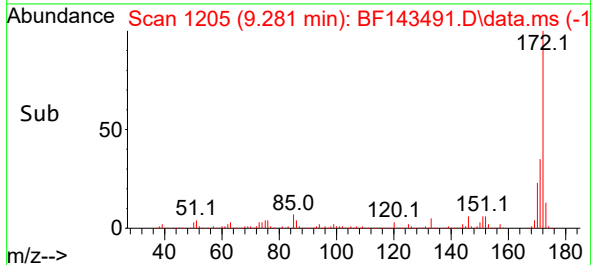
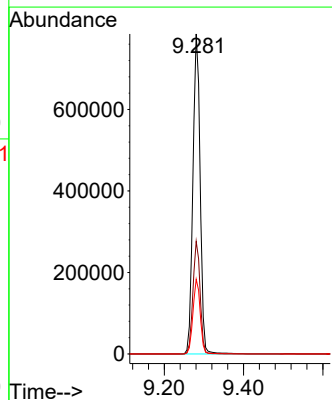
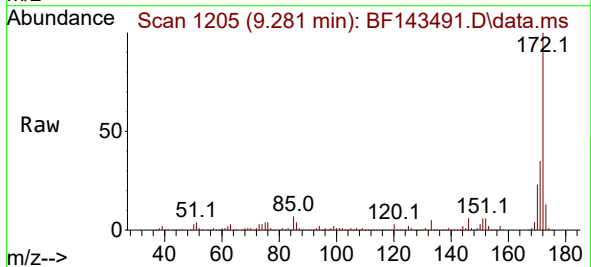
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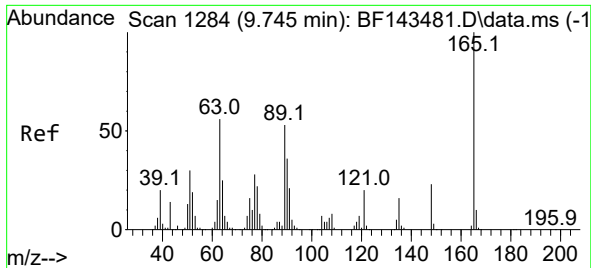
Tgt Ion:330 Resp: 217081
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 30.8 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 59.107 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143491.D
Acq: 20 Aug 2025 18:12

Tgt Ion:172 Resp: 1000601
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.3 18.8 28.2

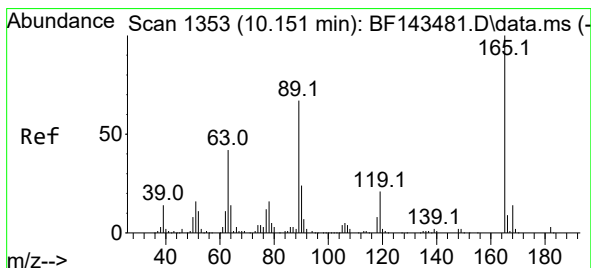
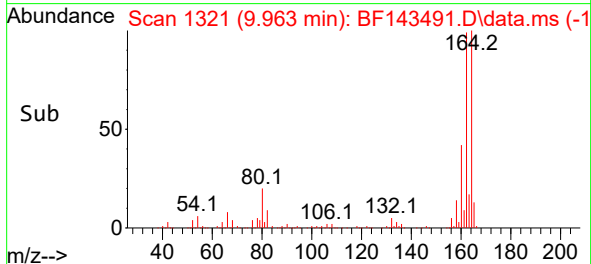
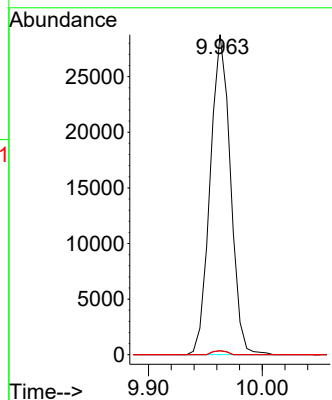
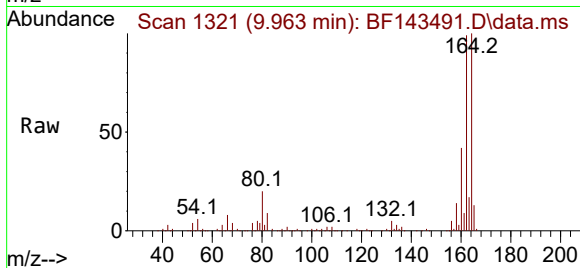




#51
2,6-Dinitrotoluene
Concen: 10.200 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF143491.D
Acq: 20 Aug 2025 18:12

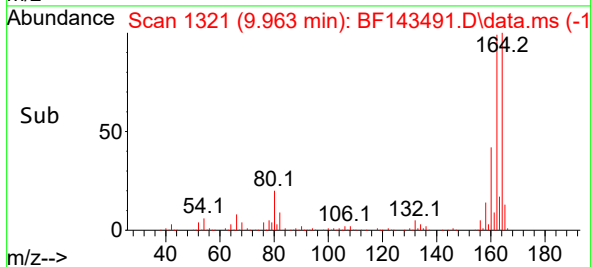
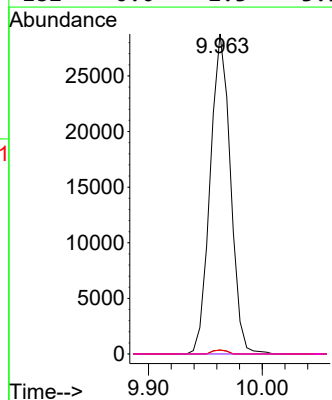
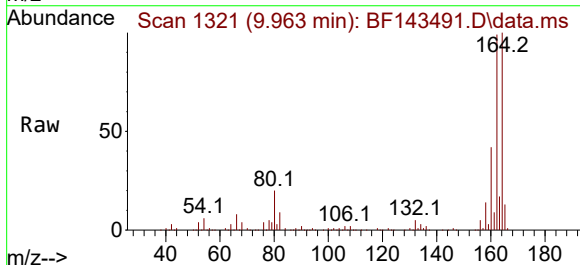
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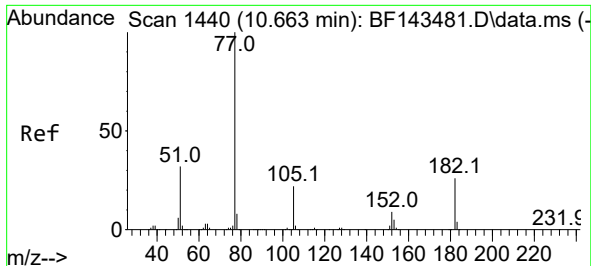
Tgt Ion:165 Resp: 35621
Ion Ratio Lower Upper
165 100
63 1.2 45.0 67.6#
89 1.2 42.5 63.7#



#57
2,4-Dinitrotoluene
Concen: 7.639 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF143491.D
Acq: 20 Aug 2025 18:12

Tgt Ion:165 Resp: 35621
Ion Ratio Lower Upper
165 100
63 1.2 34.9 52.3#
89 1.2 53.3 79.9#
182 0.0 2.3 3.5#

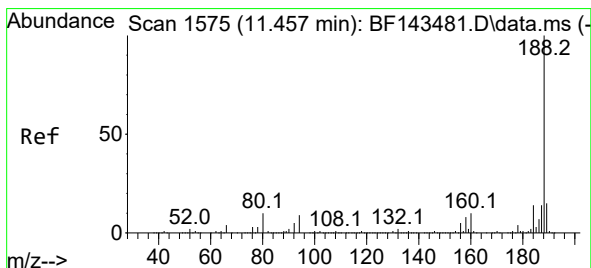
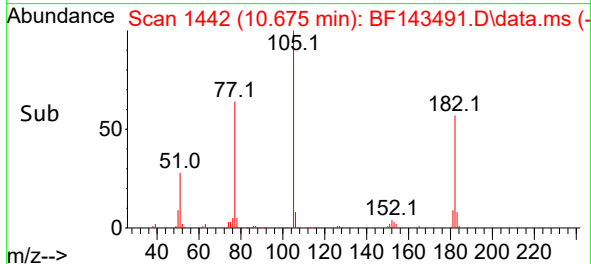
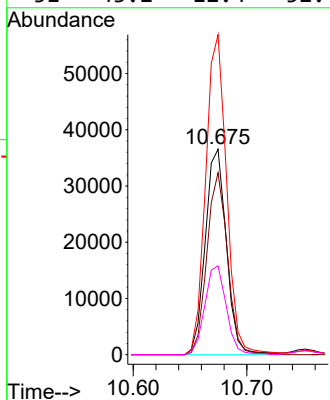
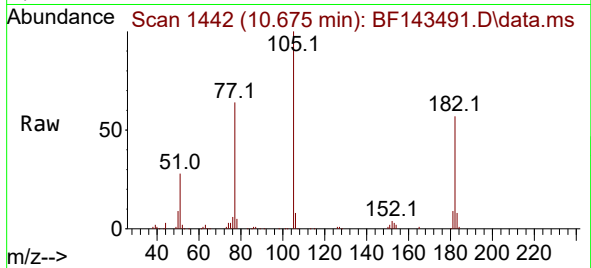




#63
Azobenzene
Concen: 3.018 ng
RT: 10.675 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143491.D
Acq: 20 Aug 2025 18:12

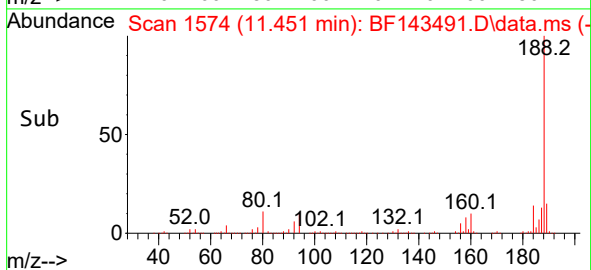
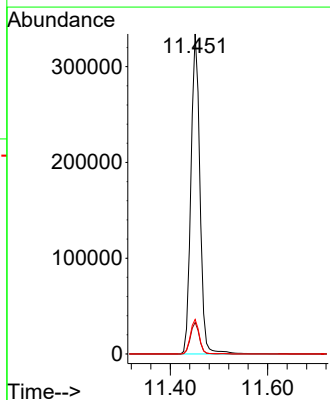
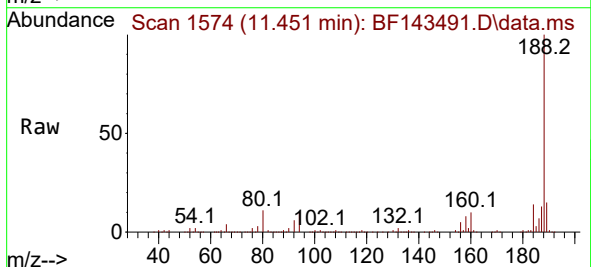
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-E

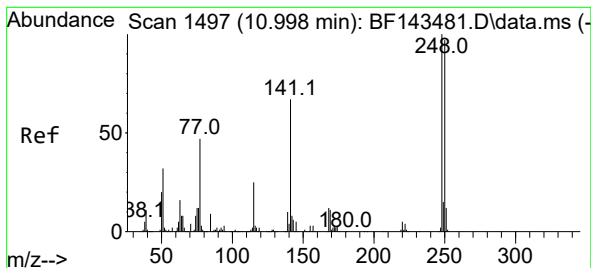
Tgt Ion: 77 Resp: 47283
Ion Ratio Lower Upper
77 100
182 88.6 6.2 46.2#
105 155.8 2.2 42.2#
51 43.2 12.4 52.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF143491.D
Acq: 20 Aug 2025 18:12

Tgt Ion: 188 Resp: 430250
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.8 8.2 12.4

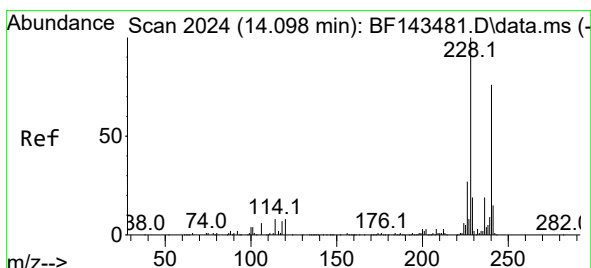
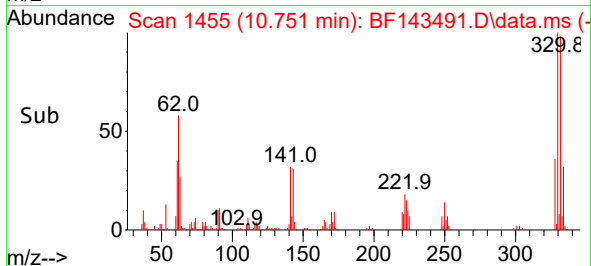
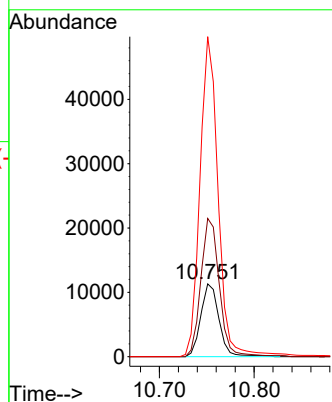
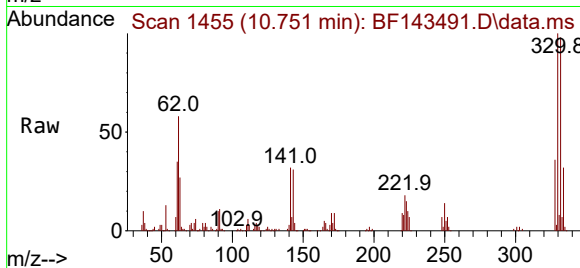




#67
4-Bromophenyl-phenylether
Concen: 2.947 ng
RT: 10.751 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF143491.D
Acq: 20 Aug 2025 18:12

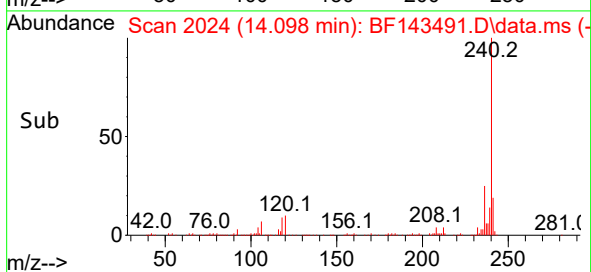
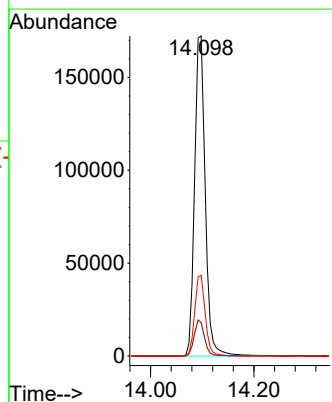
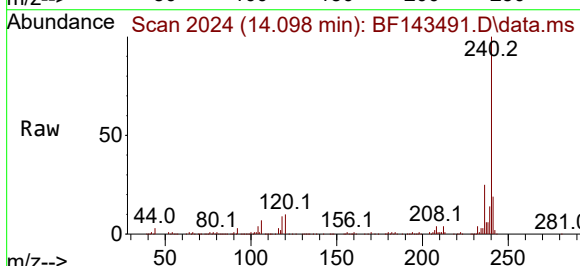
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-E

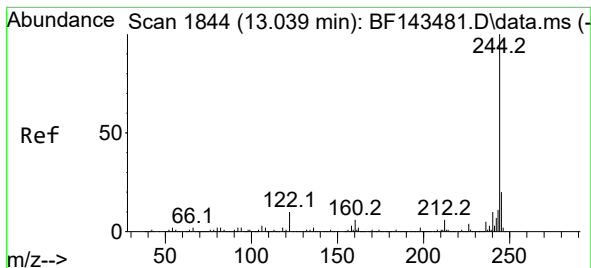
Tgt Ion:248 Resp: 15127
Ion Ratio Lower Upper
248 100
250 189.8 77.8 116.8#
141 439.2 54.0 81.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143491.D
Acq: 20 Aug 2025 18:12

Tgt Ion:240 Resp: 247496
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 25.2 20.4 30.6





#79

Terphenyl-d14

Concen: 65.134 ng

RT: 13.033 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF143491.D

Acq: 20 Aug 2025 18:12

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-E

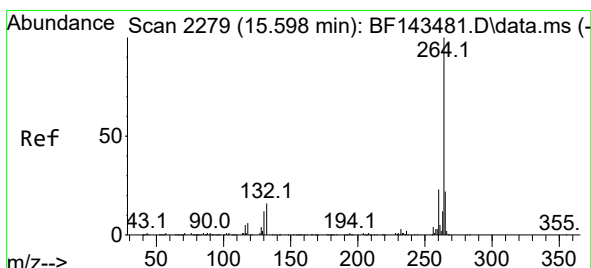
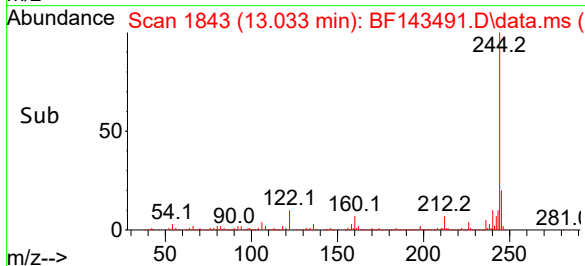
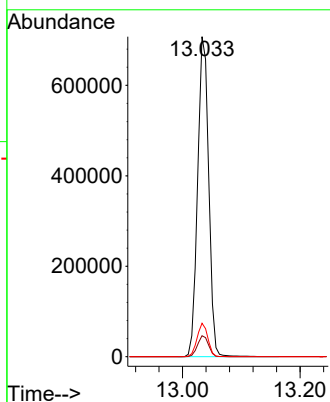
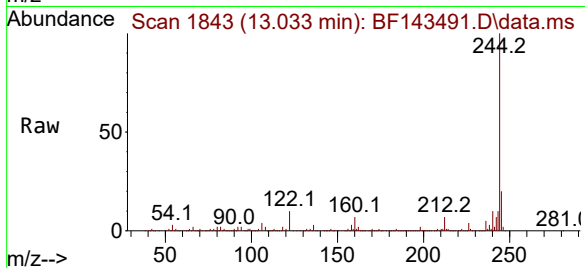
Tgt Ion:244 Resp: 923783

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 10.4 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF143491.D

Acq: 20 Aug 2025 18:12

Tgt Ion:264 Resp: 250398

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.3 17.6 26.4

