

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
 Data File : BF143583.D
 Acq On : 22 Aug 2025 20:20
 Operator : RC/JU
 Sample : Q2892-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-FLOOR-DRILL-B-BACK

Quant Time: Aug 25 02:40:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 21 06:12:21 2025
 Response via : Initial Calibration

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

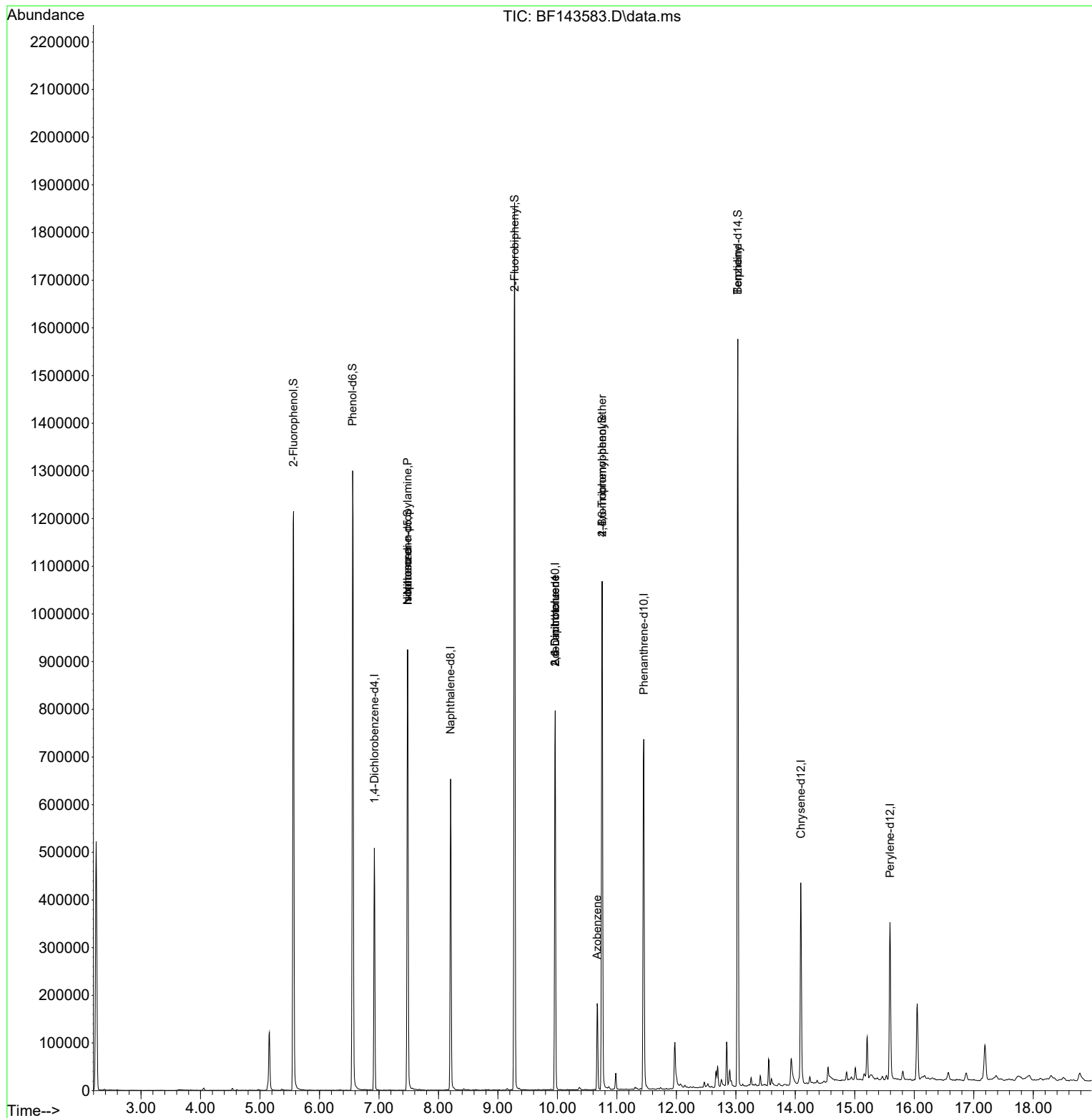
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	99423	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	395331	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	234349	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	370076	20.000	ng	0.00
76) Chrysene-d12	14.092	240	201541	20.000	ng	-0.01
86) Perylene-d12	15.592	264	187142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	424448	74.546	ng	0.00
7) Phenol-d6	6.557	99	555081	78.974	ng	-0.02
23) Nitrobenzene-d5	7.481	82	399224	58.929	ng	-0.02
42) 2,4,6-Tribromophenol	10.751	330	167407	76.741	ng	-0.01
45) 2-Fluorobiphenyl	9.281	172	784581	55.330	ng	0.00
79) Terphenyl-d14	13.033	244	724607	62.740	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	56088	13.056	ng	# 82
25) Isophorone	7.481	82	383158	30.854	ng	# 65
51) 2,6-Dinitrotoluene	9.963	165	29697	10.152	ng	# 26
57) 2,4-Dinitrotoluene	9.963	165	29697	7.603	ng	# 26
63) Azobenzene	10.669	77	47286	3.604	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	12109	2.742	ng	# 1
77) Benzidine	13.033	184	10151	2.068	ng	# 93

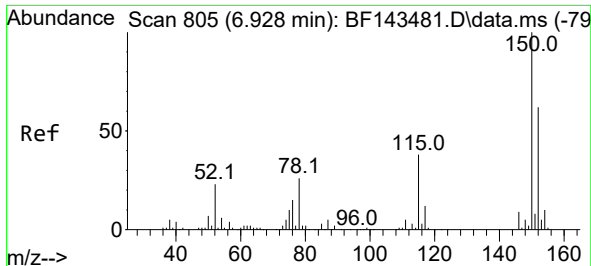
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
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Misc :
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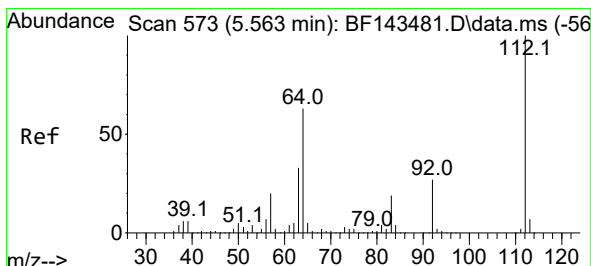
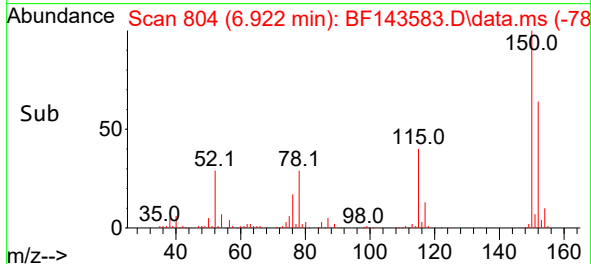
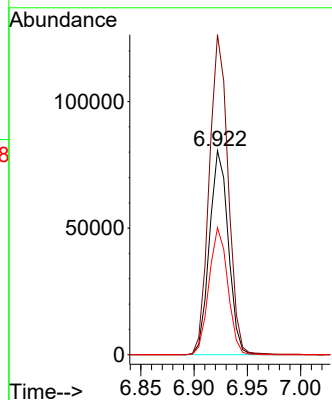
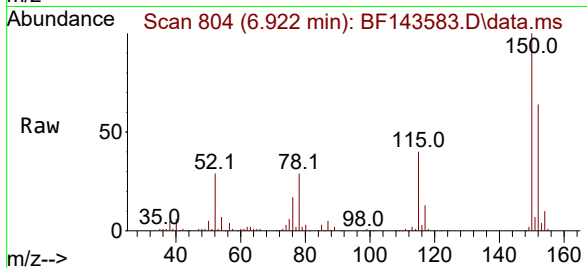




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF143583.D
Acq: 22 Aug 2025 20:20

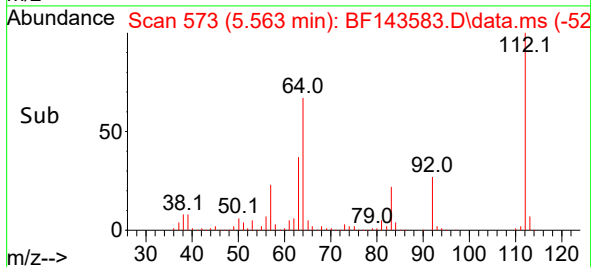
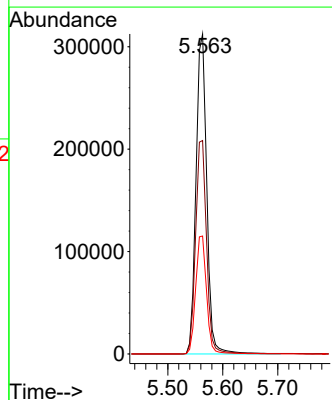
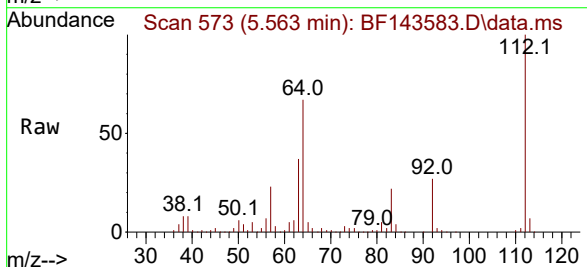
Instrument :
BNA_F
ClientSampleId :
1-FLOOR-DRILL-B-BACK

Tgt Ion:152 Resp: 99423
Ion Ratio Lower Upper
152 100
150 156.9 128.9 193.3
115 62.2 49.2 73.8



#5
2-Fluorophenol
Concen: 74.546 ng
RT: 5.563 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF143583.D
Acq: 22 Aug 2025 20:20

Tgt Ion:112 Resp: 424448
Ion Ratio Lower Upper
112 100
64 66.7 50.4 75.6
63 36.8 26.4 39.6

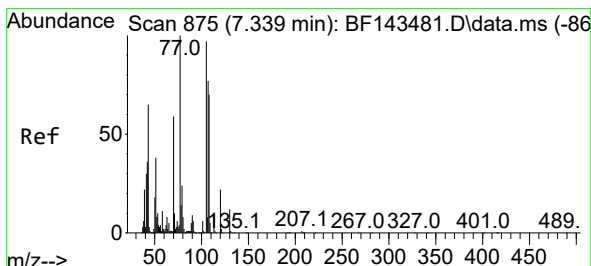
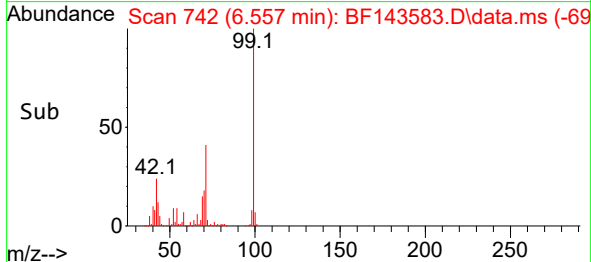
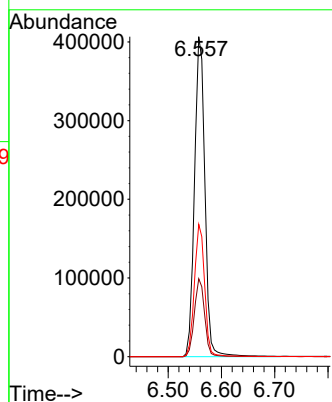
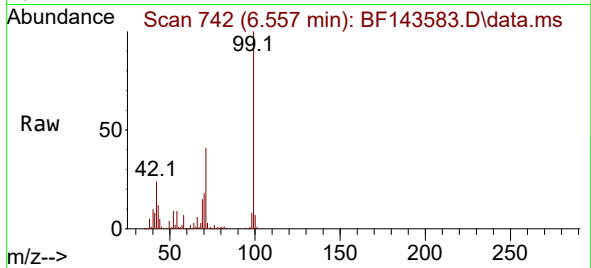




#7
Phenol-d6
Concen: 78.974 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF143583.D
Acq: 22 Aug 2025 20:20

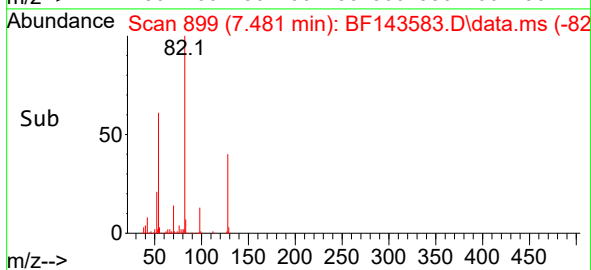
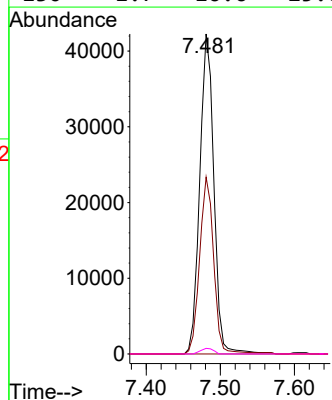
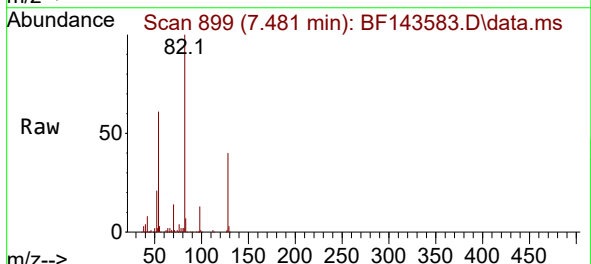
Instrument :
BNA_F
ClientSampleId :
1-FLOOR-DRILL-B-BACK

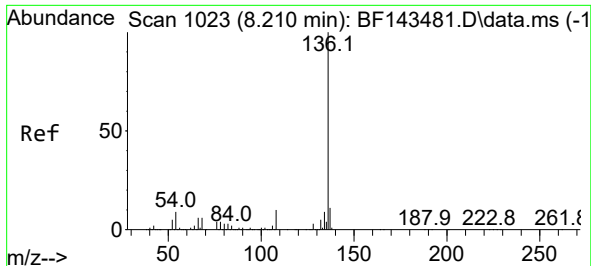
Tgt Ion: 99 Resp: 555081
Ion Ratio Lower Upper
99 100
42 24.3 16.3 24.5
71 41.4 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.056 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.129 min
Lab File: BF143583.D
Acq: 22 Aug 2025 20:20

Tgt Ion: 70 Resp: 56088
Ion Ratio Lower Upper
70 100
42 55.2 49.3 73.9
101 0.0 7.8 11.8#
130 1.7 16.6 25.0#



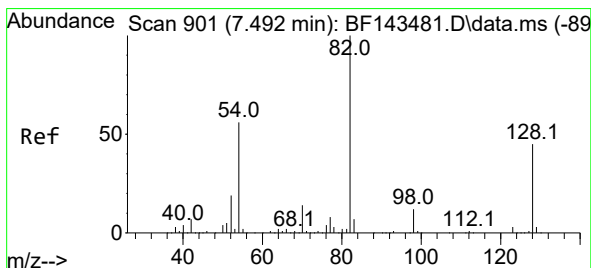
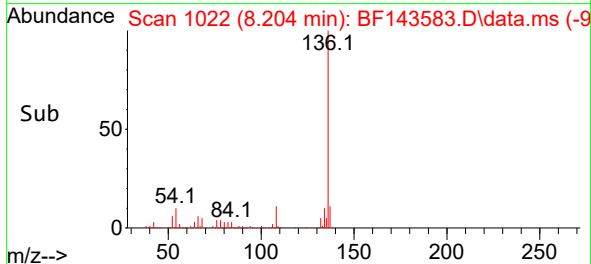
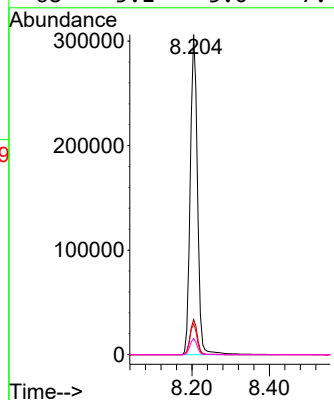
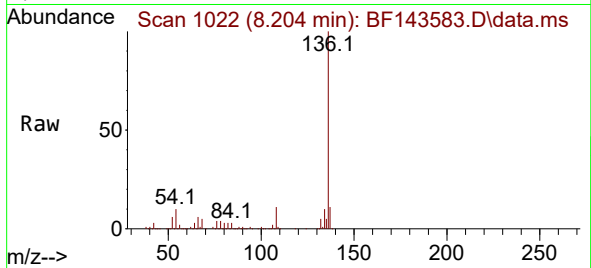


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF143583.D
Acq: 22 Aug 2025 20:20

Instrument :
BNA_F
ClientSampleId :
1-FLOOR-DRILL-B-BACK

Tgt Ion:136 Resp: 395331

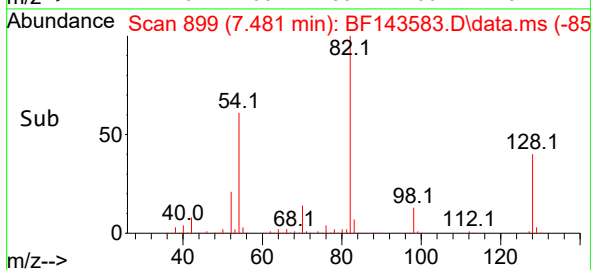
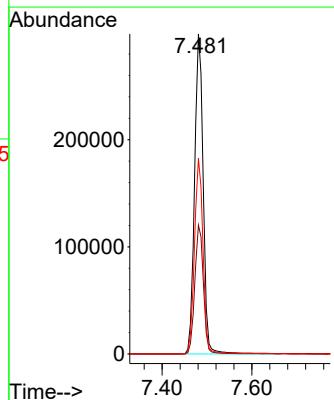
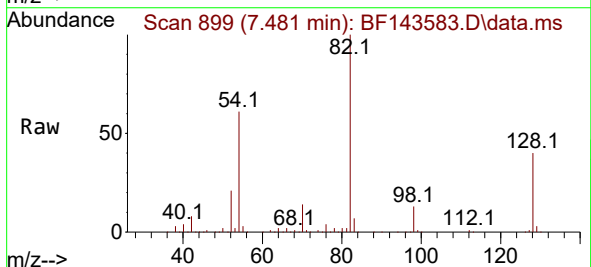
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	9.7	7.4	11.2
68	5.1	5.0	7.4

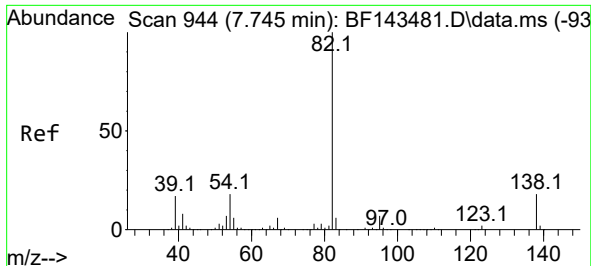


#23
Nitrobenzene-d5
Concen: 58.929 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.018 min
Lab File: BF143583.D
Acq: 22 Aug 2025 20:20

Tgt Ion: 82 Resp: 399224

Ion	Ratio	Lower	Upper
82	100		
128	40.2	35.5	53.3
54	61.1	44.3	66.5

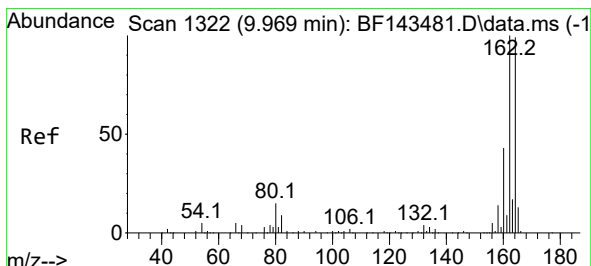
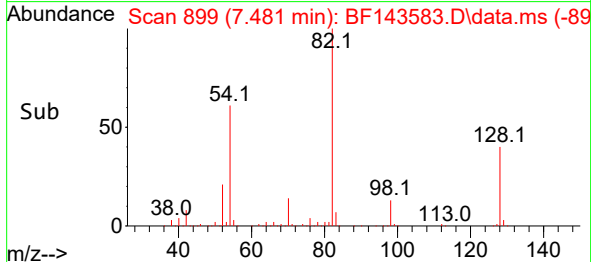
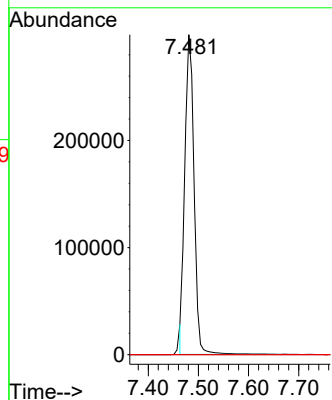
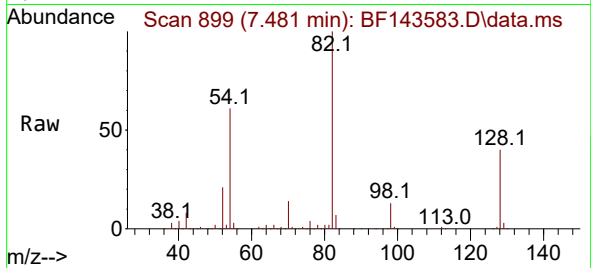




#25
Isophorone
Concen: 30.854 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.276 min
Lab File: BF143583.D
Acq: 22 Aug 2025 20:20

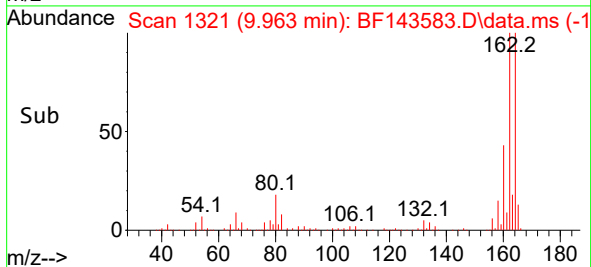
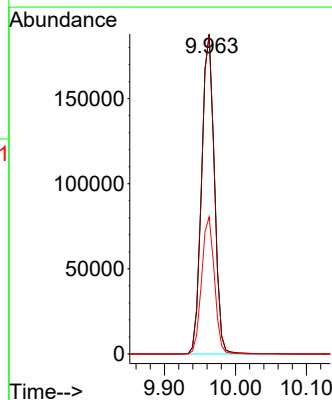
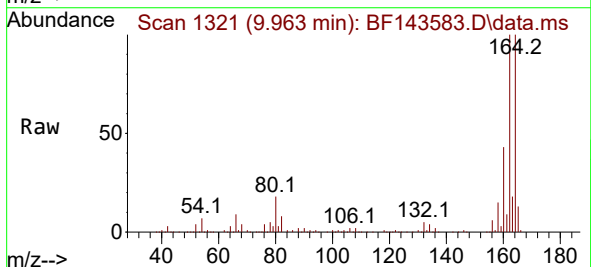
Instrument :
BNA_F
ClientSampleId :
1-FLOOR-DRILL-B-BACK

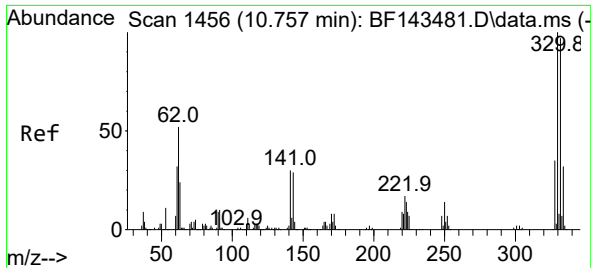
Tgt Ion: 82 Resp: 383158
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 14.2 21.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143583.D
Acq: 22 Aug 2025 20:20

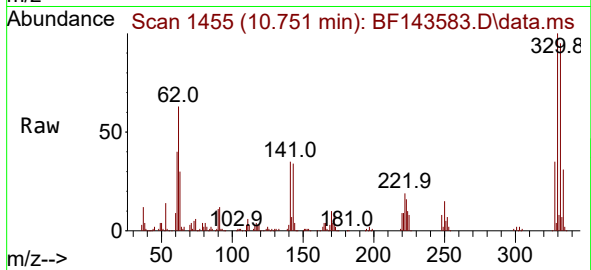
Tgt Ion:164 Resp: 234349
Ion Ratio Lower Upper
164 100
162 100.3 80.5 120.7
160 43.0 34.3 51.5



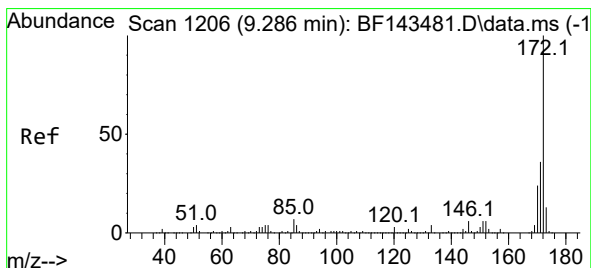
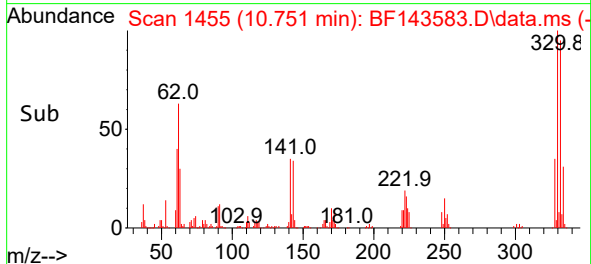
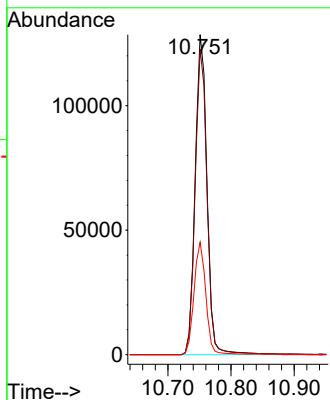


#42
2,4,6-Tribromophenol
Concen: 76.741 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.012 min
Lab File: BF143583.D
Acq: 22 Aug 2025 20:20

Instrument :
BNA_F
ClientSampleId :
1-FLOOR-DRILL-B-BACK

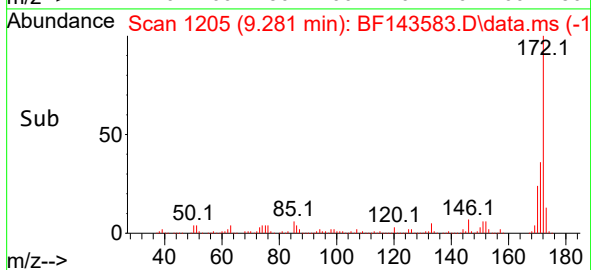
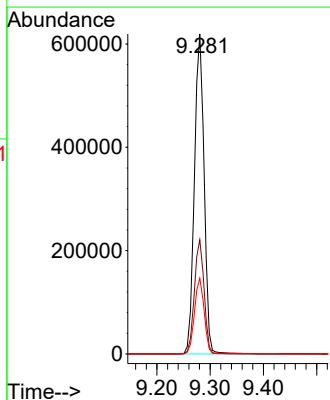
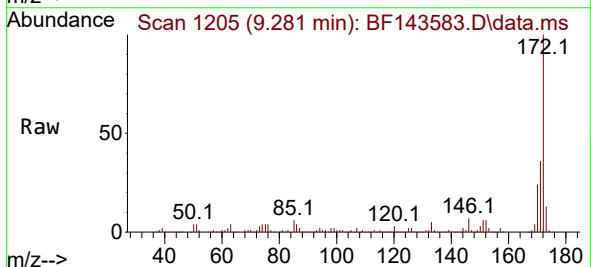


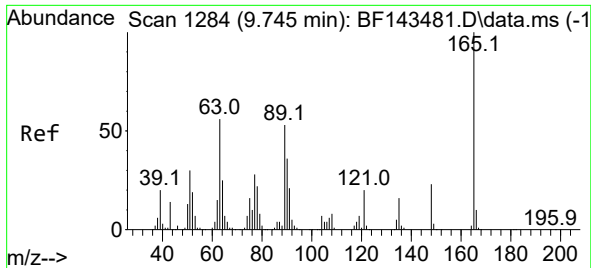
Tgt Ion: 330 Resp: 167407
Ion Ratio Lower Upper
330 100
332 95.7 78.0 117.0
141 35.4 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 55.330 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143583.D
Acq: 22 Aug 2025 20:20

Tgt Ion: 172 Resp: 784581
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.7 18.8 28.2

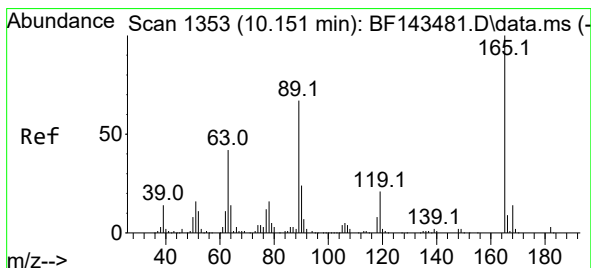
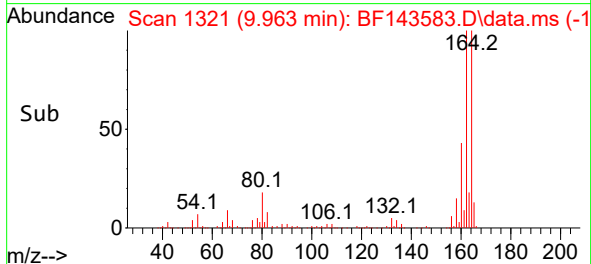
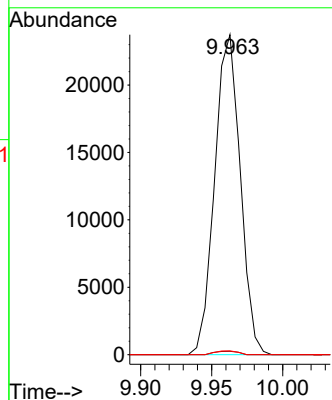
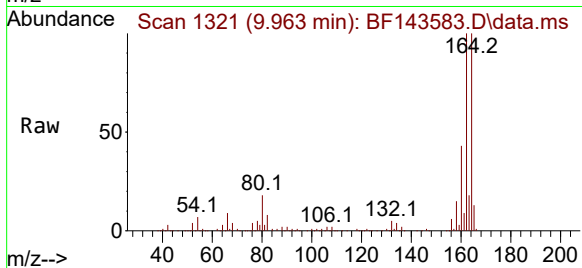




#51
2,6-Dinitrotoluene
Concen: 10.152 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF143583.D
Acq: 22 Aug 2025 20:20

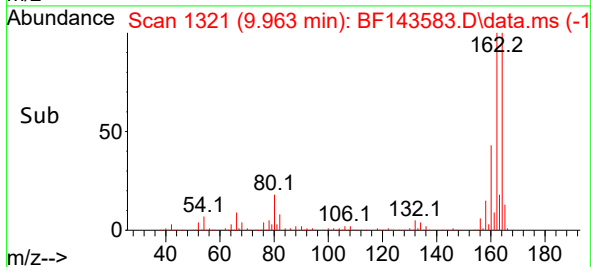
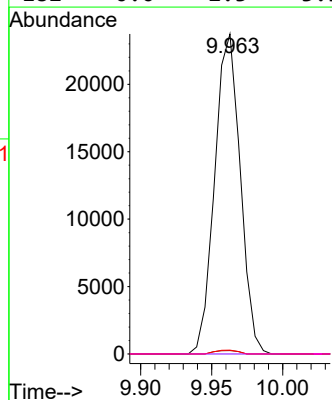
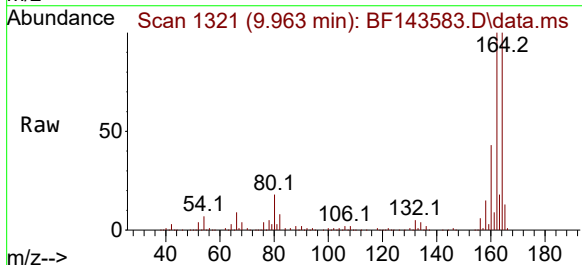
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BNA_F
ClientSampleId :
1-FLOOR-DRILL-B-BACK

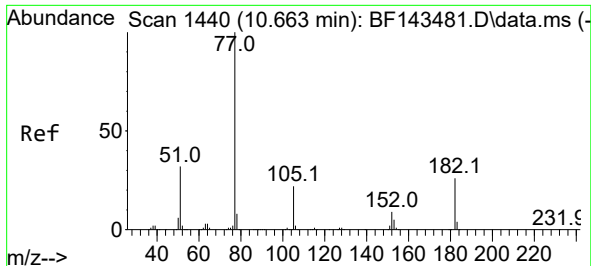
Tgt Ion:165 Resp: 29697
Ion Ratio Lower Upper
165 100
63 1.0 45.0 67.6#
89 1.2 42.5 63.7#



#57
2,4-Dinitrotoluene
Concen: 7.603 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF143583.D
Acq: 22 Aug 2025 20:20

Tgt Ion:165 Resp: 29697
Ion Ratio Lower Upper
165 100
63 1.0 34.9 52.3#
89 1.2 53.3 79.9#
182 0.0 2.3 3.5#

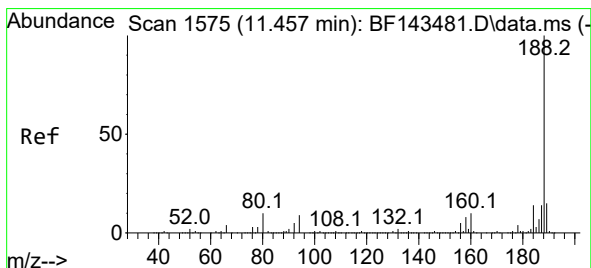
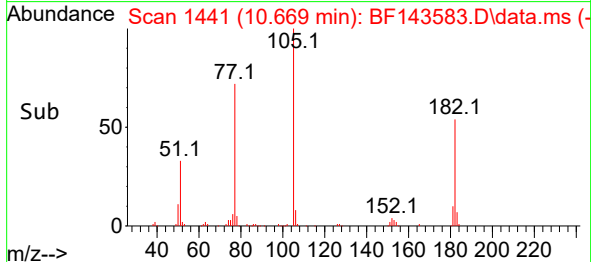
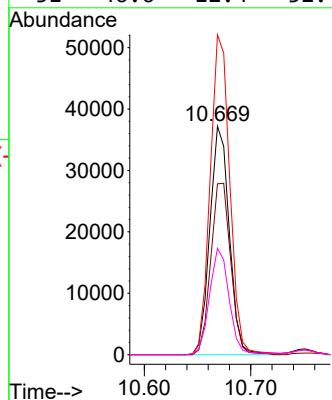
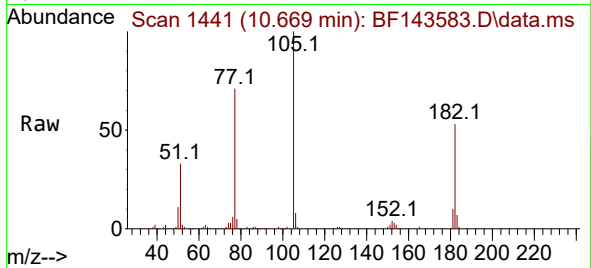




#63
Azobenzene
Concen: 3.604 ng
RT: 10.669 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF143583.D
Acq: 22 Aug 2025 20:20

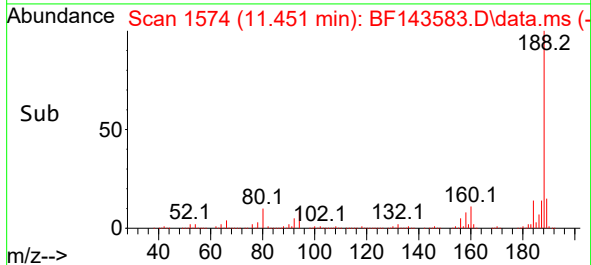
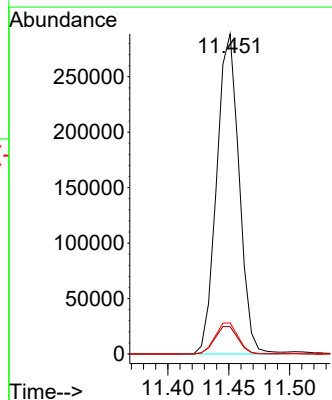
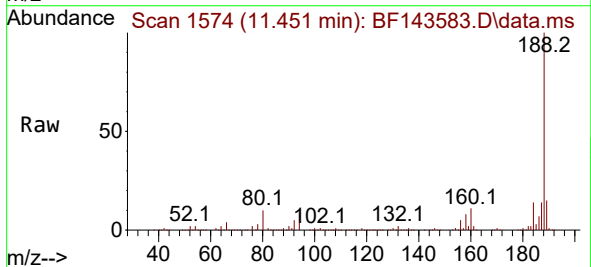
Instrument :
BNA_F
ClientSampleId :
1-FLOOR-DRILL-B-BACK

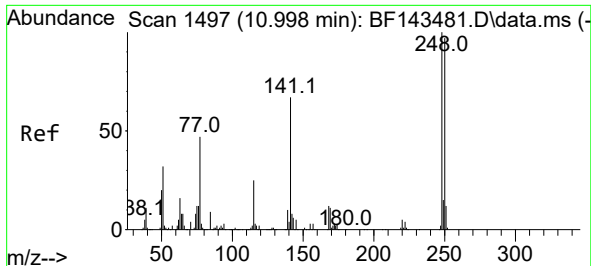
Tgt Ion: 77	Resp: 47286
Ion Ratio	Lower Upper
77 100	
182 74.8	6.2 46.2#
105 140.0	2.2 42.2#
51 46.6	12.4 52.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF143583.D
Acq: 22 Aug 2025 20:20

Tgt Ion:188	Resp: 370076
Ion Ratio	Lower Upper
188 100	
94 8.6	7.4 11.2
80 9.7	8.2 12.4

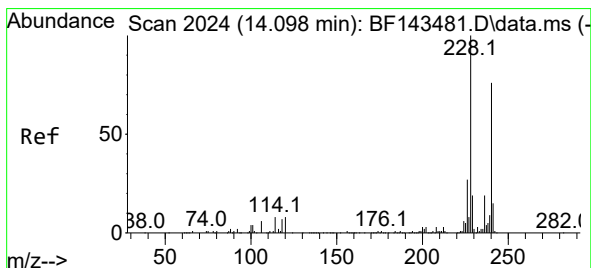
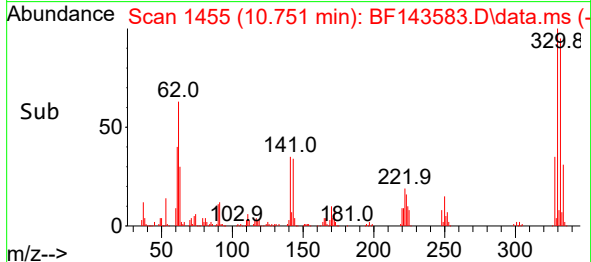
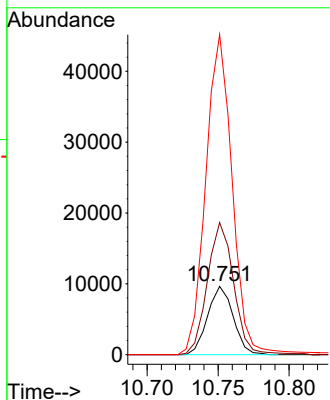
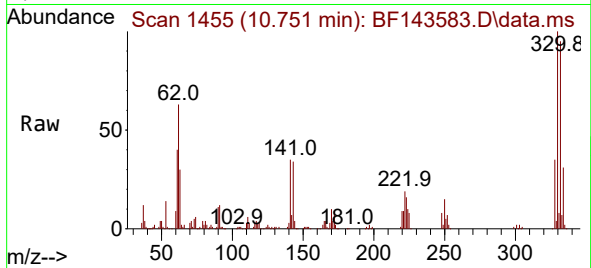




#67
4-Bromophenyl-phenylether
Concen: 2.742 ng
RT: 10.751 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF143583.D
Acq: 22 Aug 2025 20:20

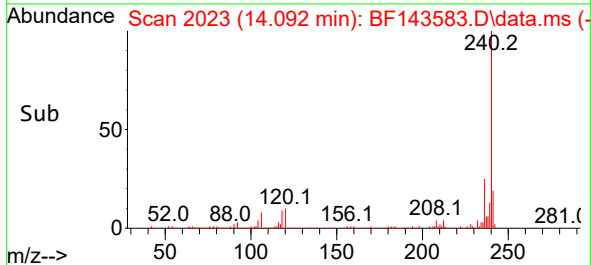
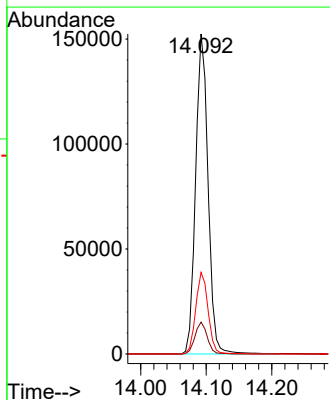
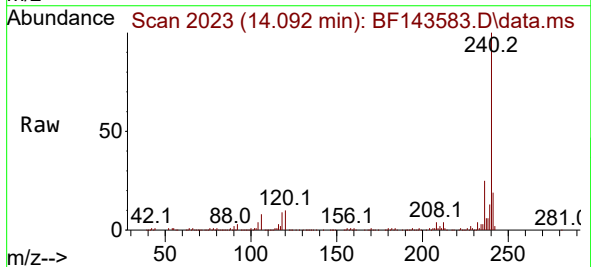
Instrument :
BNA_F
ClientSampleId :
1-FLOOR-DRILL-B-BACK

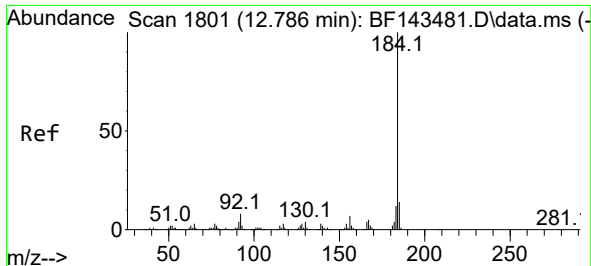
Tgt Ion:248 Resp: 12109
Ion Ratio Lower Upper
248 100
250 193.3 77.8 116.8#
141 468.2 54.0 81.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF143583.D
Acq: 22 Aug 2025 20:20

Tgt Ion:240 Resp: 201541
Ion Ratio Lower Upper
240 100
120 9.9 8.6 12.8
236 25.5 20.4 30.6

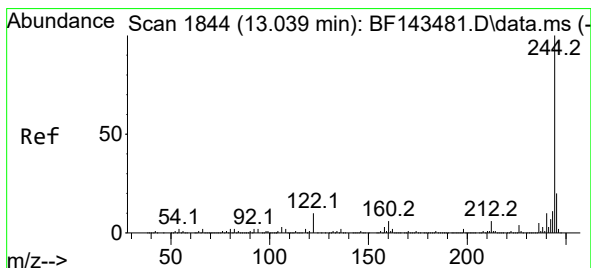
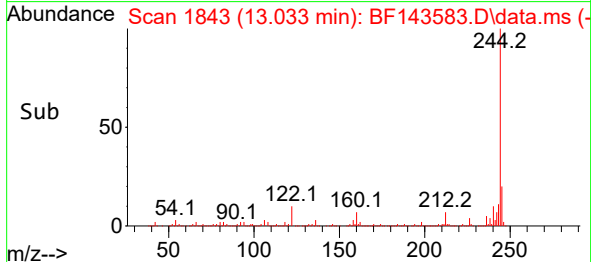
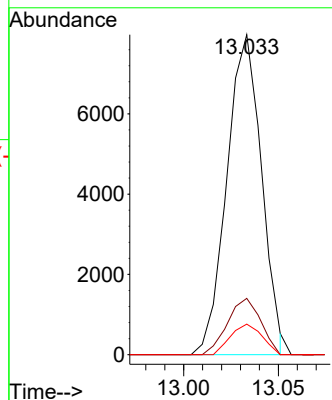
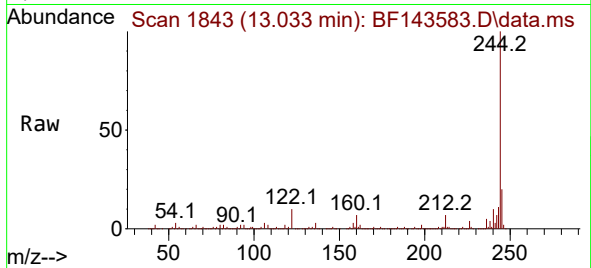




#77
Benzidine
Concen: 2.068 ng
RT: 13.033 min Scan# 1843
Delta R.T. 0.247 min
Lab File: BF143583.D
Acq: 22 Aug 2025 20:20

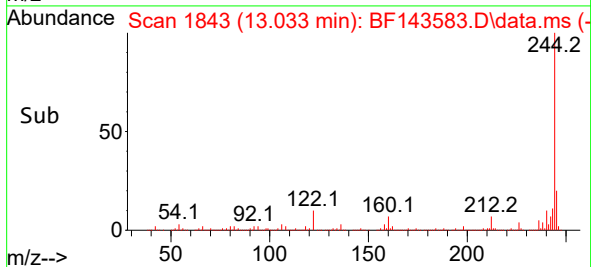
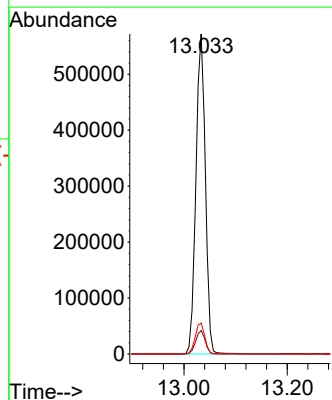
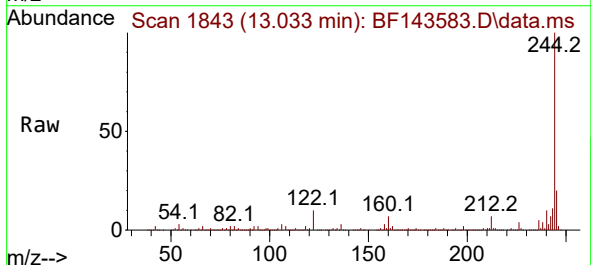
Instrument :
BNA_F
ClientSampleId :
1-FLOOR-DRILL-B-BACK

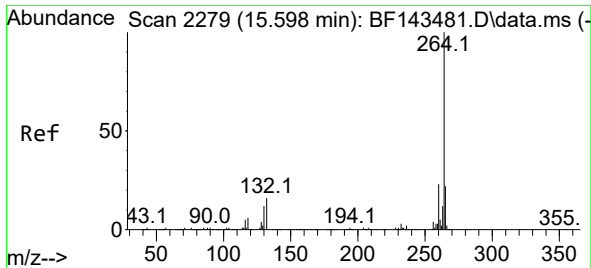
Tgt Ion:184 Resp: 10151
Ion Ratio Lower Upper
184 100
185 17.6 11.3 16.9#
183 9.5 9.5 14.3



#79
Terphenyl-d14
Concen: 62.740 ng
RT: 13.033 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF143583.D
Acq: 22 Aug 2025 20:20

Tgt Ion:244 Resp: 724607
Ion Ratio Lower Upper
244 100
212 7.3 5.2 7.8
122 9.6 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF143583.D
 Acq: 22 Aug 2025 20:20

Instrument :
 BNA_F
 ClientSampleId :
 1-FLOOR-DRILL-B-BACK

Tgt Ion:264 Resp: 187142
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 21.3 17.6 26.4

