

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143490.D
 Acq On : 20 Aug 2025 17:43
 Operator : RC/JU
 Sample : Q2892-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRONT-1-FLOOR-F

Quant Time: Aug 20 18:34:13 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

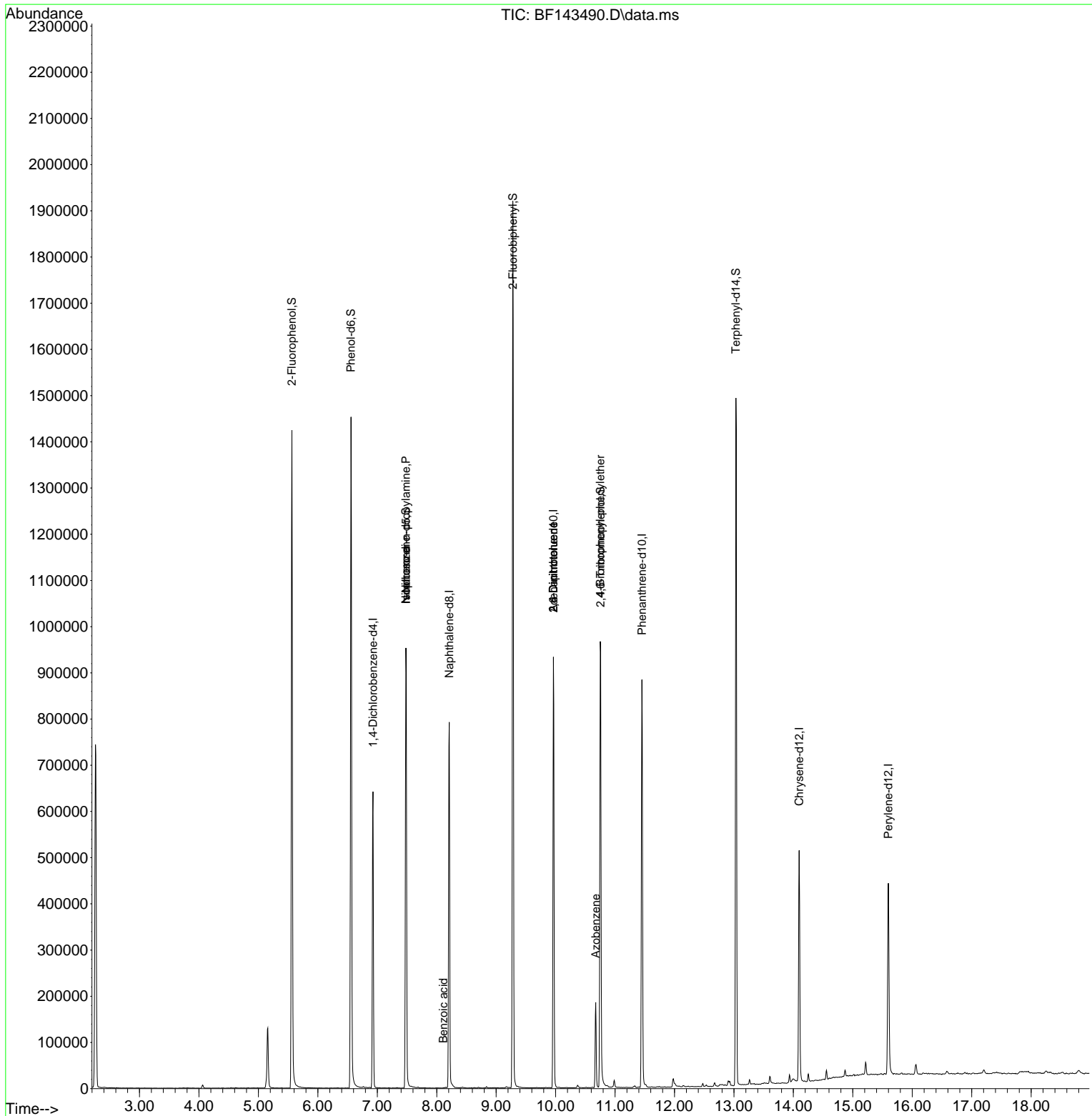
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	137802	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	520664	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	280835	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	461039	20.000	ng	0.00
76) Chrysene-d12	14.098	240	256305	20.000	ng	0.00
86) Perylene-d12	15.598	264	259662	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	524895	66.512	ng	0.00
7) Phenol-d6	6.557	99	660874	67.838	ng	-0.02
23) Nitrobenzene-d5	7.481	82	432981	48.527	ng	-0.02
42) 2,4,6-Tribromophenol	10.757	330	179427	68.637	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	842694	49.591	ng	0.00
79) Terphenyl-d14	13.033	244	732326	49.860	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	57922	9.728	ng	# 80
25) Isophorone	7.481	82	388828	23.773	ng	# 65
32) Benzoic acid	8.110	122	54	5.895	ng	# 50
51) 2,6-Dinitrotoluene	9.963	165	36488	10.409	ng	# 26
57) 2,4-Dinitrotoluene	9.963	165	36488	7.795	ng	# 26
63) Azobenzene	10.675	77	46168	2.936	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	12099	2.199	ng	# 1

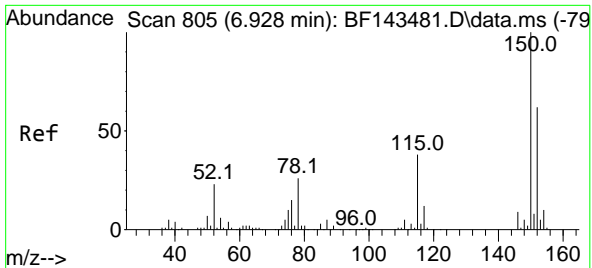
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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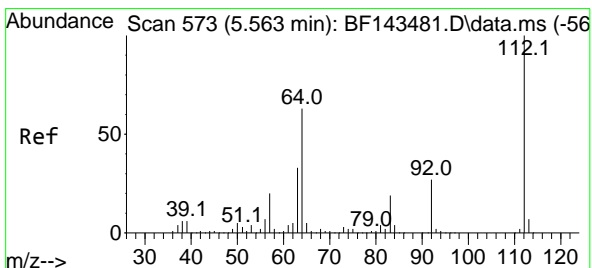
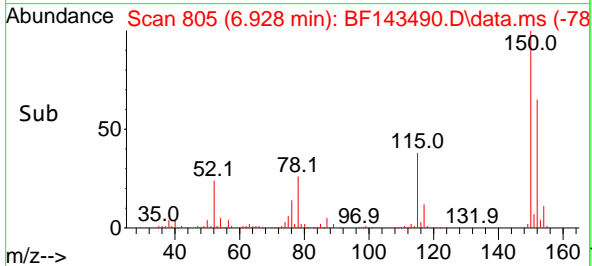
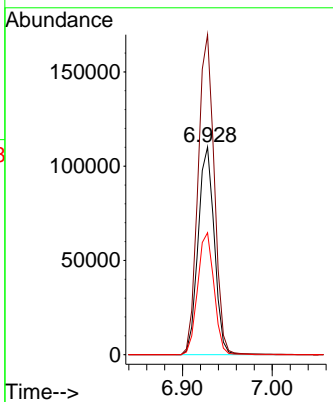
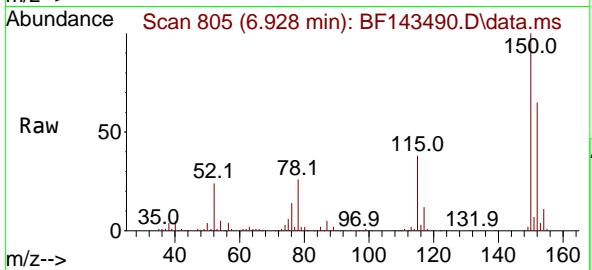




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF143490.D
 Acq: 20 Aug 2025 17:43

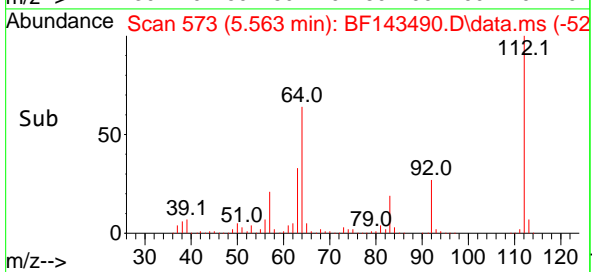
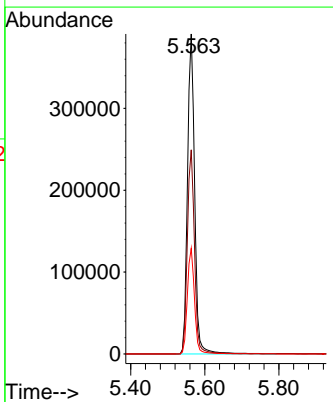
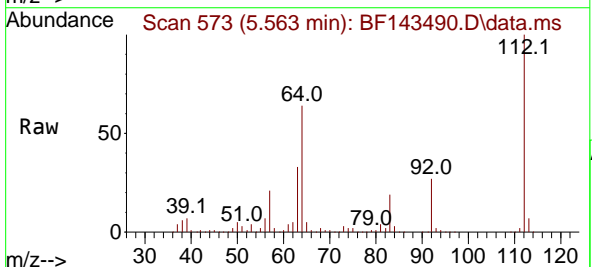
Instrument :
 BNA_F
 ClientSampleId :
 FRONT-1-FLOOR-F

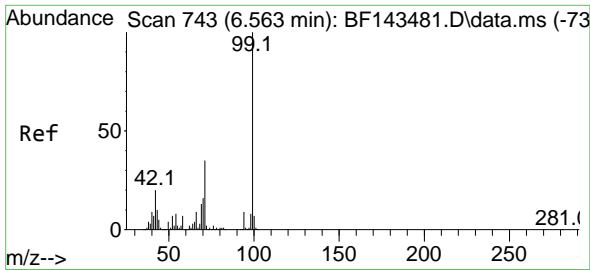
Tgt Ion:152 Resp: 137802
 Ion Ratio Lower Upper
 152 100
 150 154.1 128.9 193.3
 115 58.7 49.2 73.8



#5
 2-Fluorophenol
 Concen: 66.512 ng
 RT: 5.563 min Scan# 573
 Delta R.T. 0.000 min
 Lab File: BF143490.D
 Acq: 20 Aug 2025 17:43

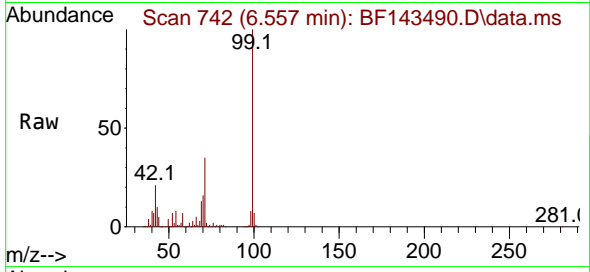
Tgt Ion:112 Resp: 524895
 Ion Ratio Lower Upper
 112 100
 64 63.8 50.4 75.6
 63 33.0 26.4 39.6



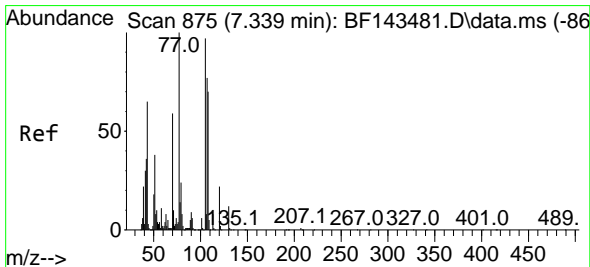
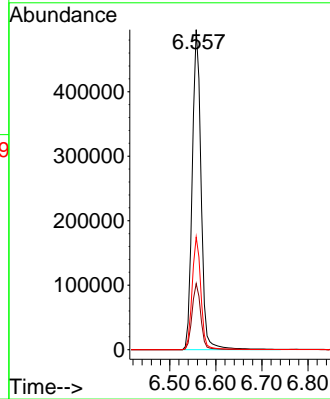
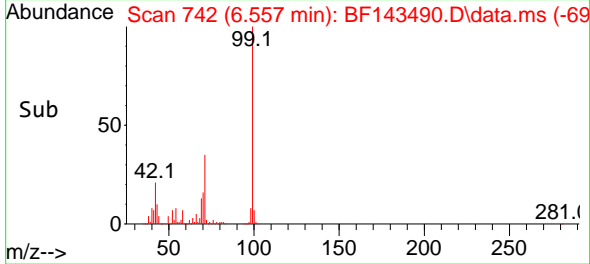


#7
 Phenol-d6
 Concen: 67.838 ng
 RT: 6.557 min Scan# 743
 Delta R.T. -0.018 min
 Lab File: BF143490.D
 Acq: 20 Aug 2025 17:43

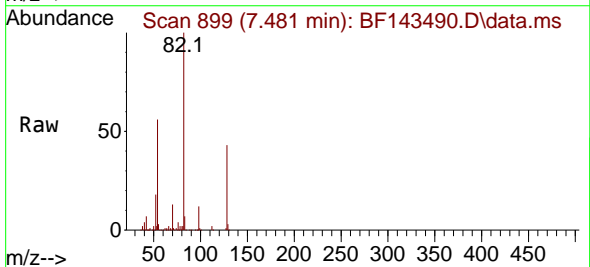
Instrument :
 BNA_F
 ClientSampleId :
 FRONT-1-FLOOR-F



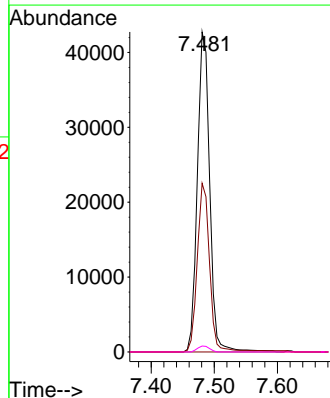
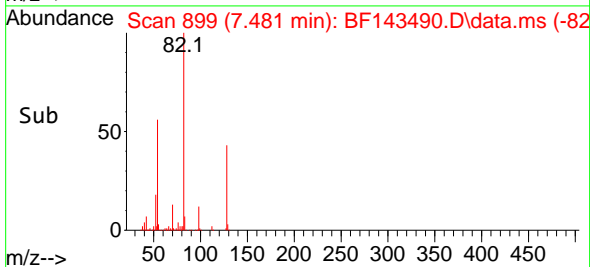
Tgt Ion: 99 Resp: 660874
 Ion Ratio Lower Upper
 99 100
 42 20.6 16.3 24.5
 71 35.2 28.2 42.2

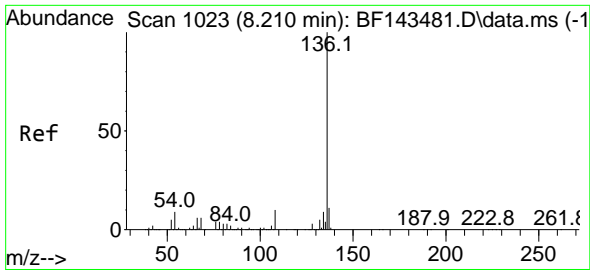


#19
 n-Nitroso-di-n-propylamine
 Concen: 9.728 ng
 RT: 7.481 min Scan# 899
 Delta R.T. 0.129 min
 Lab File: BF143490.D
 Acq: 20 Aug 2025 17:43



Tgt Ion: 70 Resp: 57922
 Ion Ratio Lower Upper
 70 100
 42 52.7 49.3 73.9
 101 0.0 7.8 11.8#
 130 1.9 16.6 25.0#



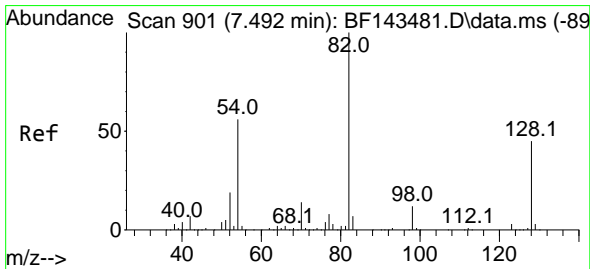
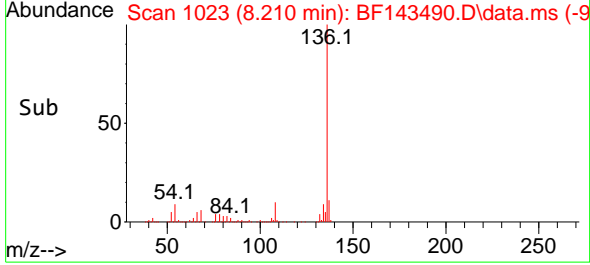
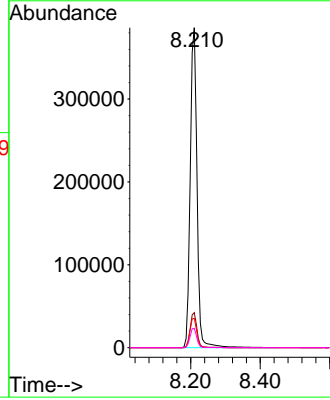
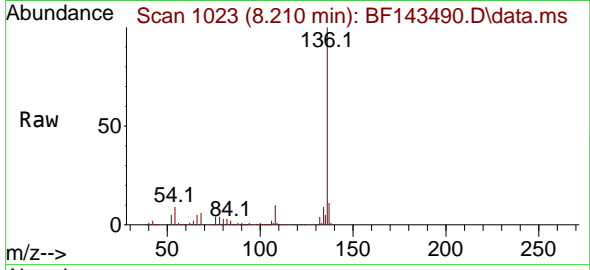


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.210 min Scan# 1023
 Delta R.T. 0.000 min
 Lab File: BF143490.D
 Acq: 20 Aug 2025 17:43

Instrument :
 BNA_F
 ClientSampleId :
 FRONT-1-FLOOR-F

Tgt Ion:136 Resp: 520664

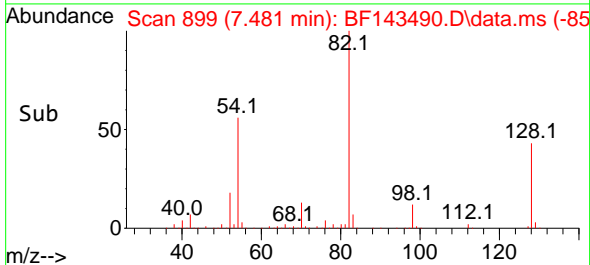
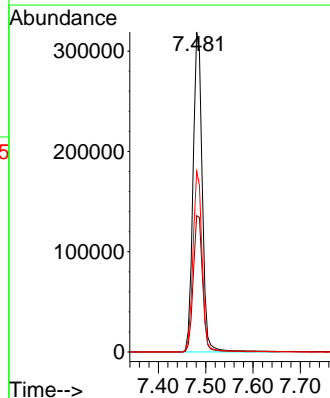
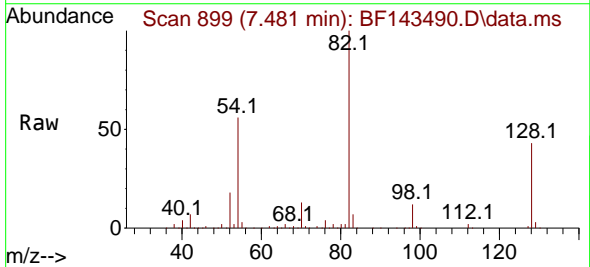
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	9.2	7.4	11.2
68	6.0	5.0	7.4

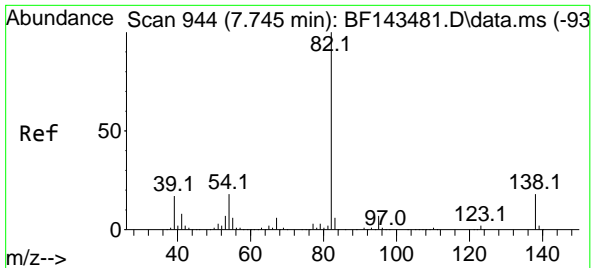


#23
 Nitrobenzene-d5
 Concen: 48.527 ng
 RT: 7.481 min Scan# 899
 Delta R.T. -0.018 min
 Lab File: BF143490.D
 Acq: 20 Aug 2025 17:43

Tgt Ion: 82 Resp: 432981

Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.5	53.3
54	56.4	44.3	66.5

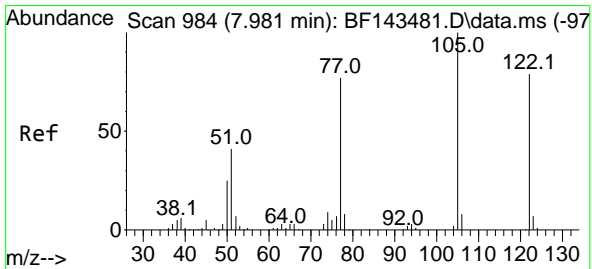
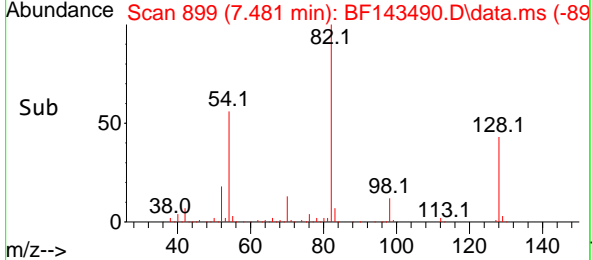
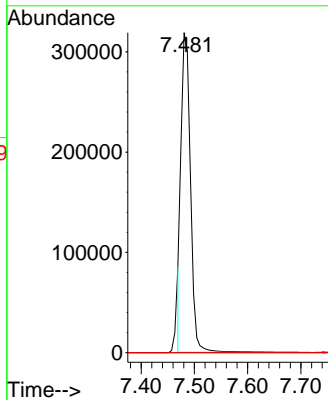
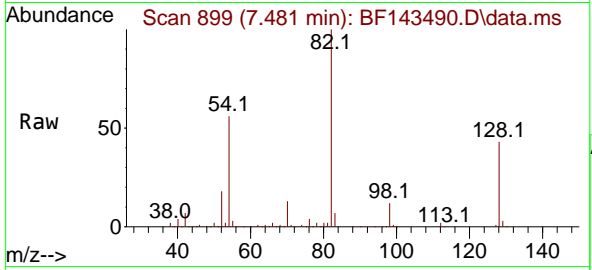




#25
 Isophorone
 Concen: 23.773 ng
 RT: 7.481 min Scan# 89
 Delta R.T. -0.276 min
 Lab File: BF143490.D
 Acq: 20 Aug 2025 17:43

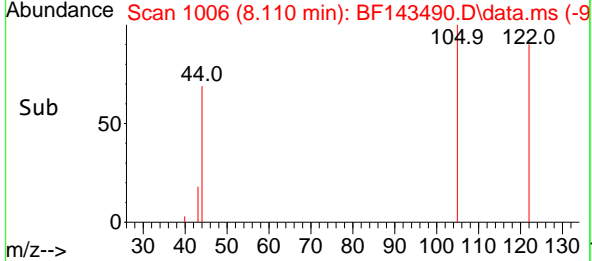
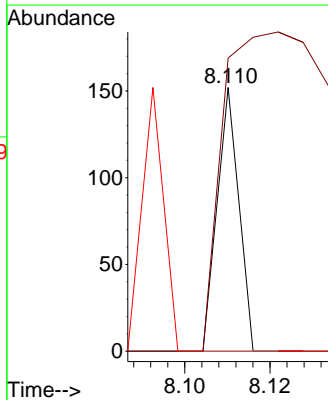
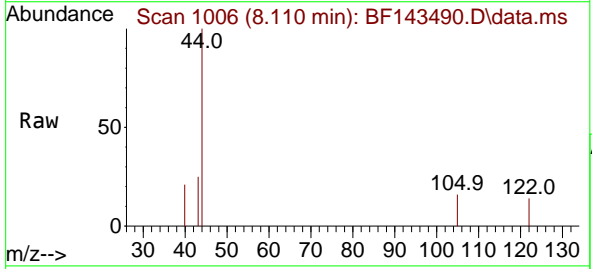
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 ClientSampleId :
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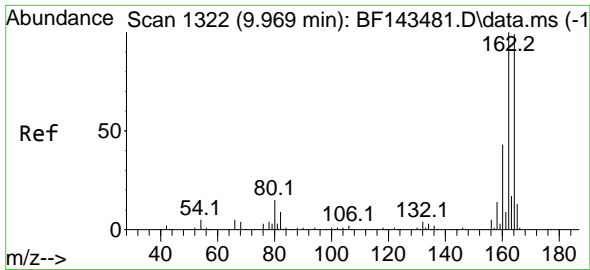
Tgt Ion: 82 Resp: 388828
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.8 8.8#
 138 0.0 14.2 21.4#



#32
 Benzoic acid
 Concen: 5.895 ng
 RT: 8.110 min Scan# 1006
 Delta R.T. 0.100 min
 Lab File: BF143490.D
 Acq: 20 Aug 2025 17:43

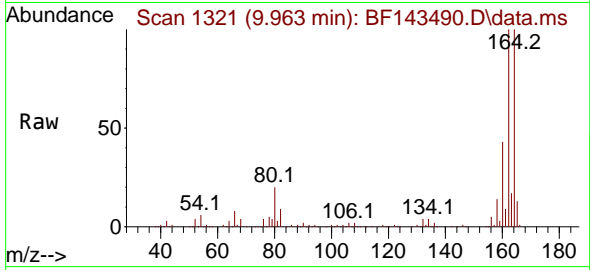
Tgt Ion:122 Resp: 54
 Ion Ratio Lower Upper
 122 100
 105 111.2 104.7 144.7
 77 0.0 77.3 117.3#



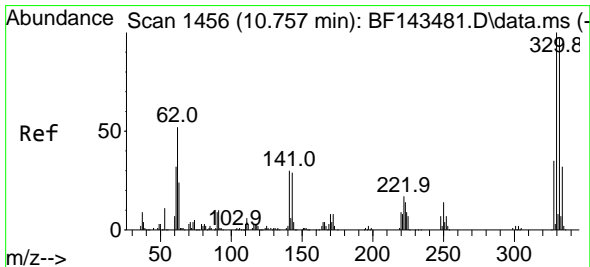
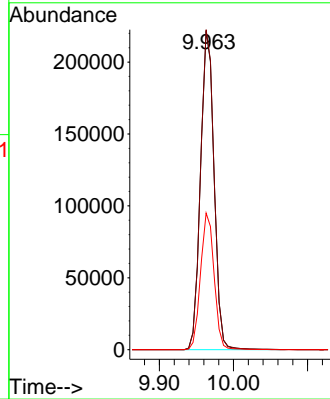
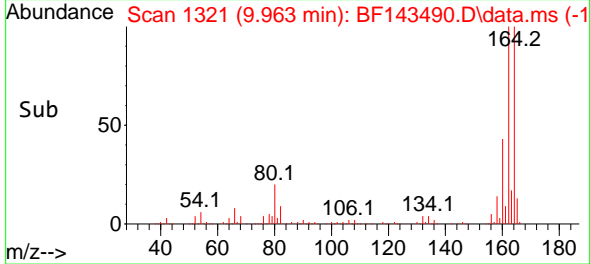


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.963 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF143490.D
 Acq: 20 Aug 2025 17:43

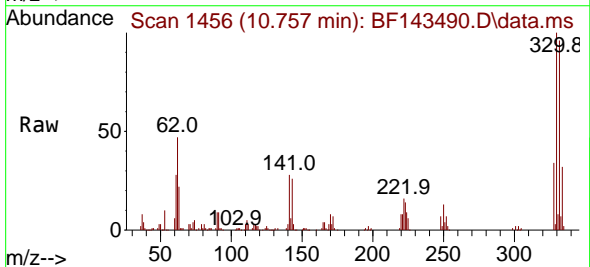
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 FRONT-1-FLOOR-F



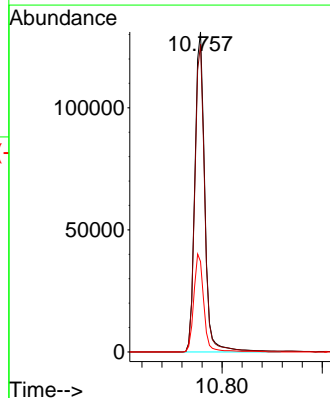
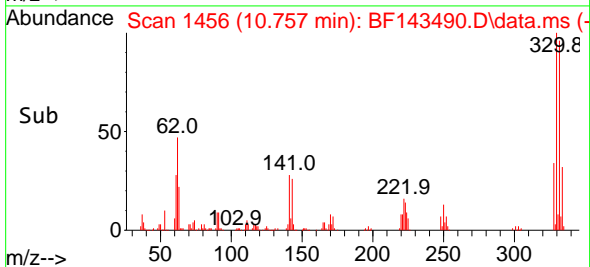
Tgt Ion:164 Resp: 280835
 Ion Ratio Lower Upper
 164 100
 162 100.5 80.5 120.7
 160 42.9 34.3 51.5

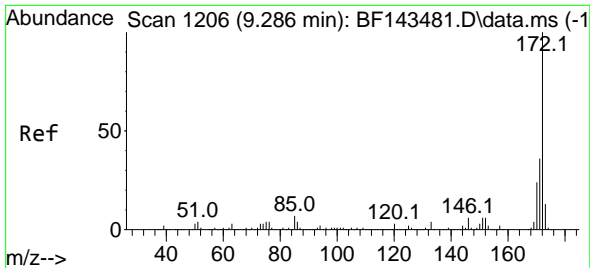


#42
 2,4,6-Tribromophenol
 Concen: 68.637 ng
 RT: 10.757 min Scan# 1456
 Delta R.T. -0.006 min
 Lab File: BF143490.D
 Acq: 20 Aug 2025 17:43



Tgt Ion:330 Resp: 179427
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.0 117.0
 141 31.1 23.7 35.5

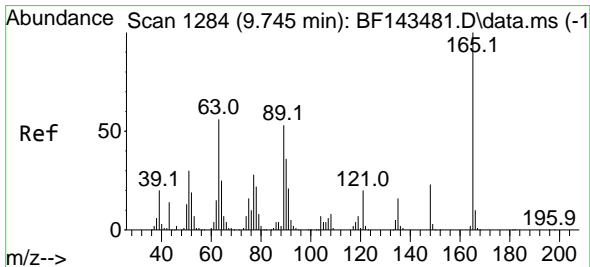
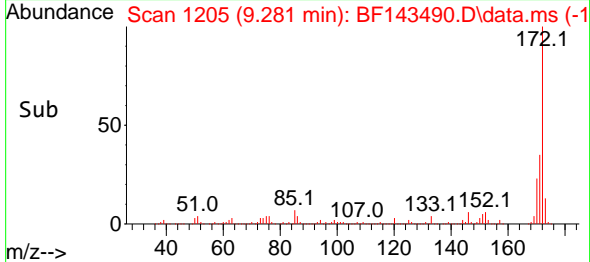
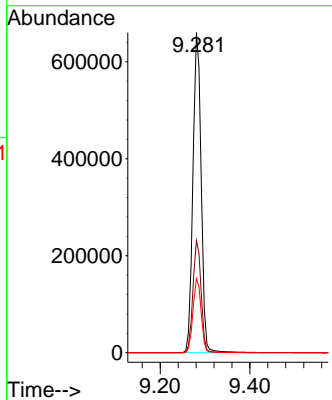
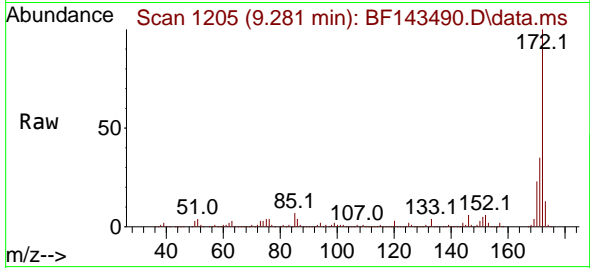




#45
 2-Fluorobiphenyl
 Concen: 49.591 ng
 RT: 9.281 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF143490.D
 Acq: 20 Aug 2025 17:43

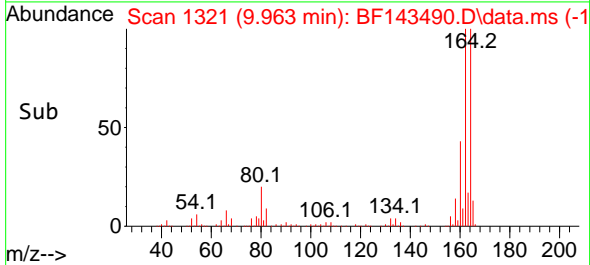
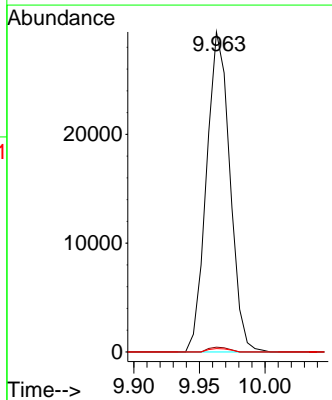
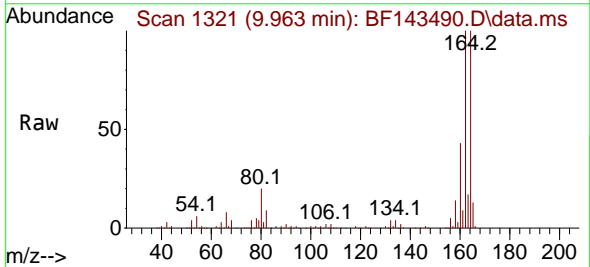
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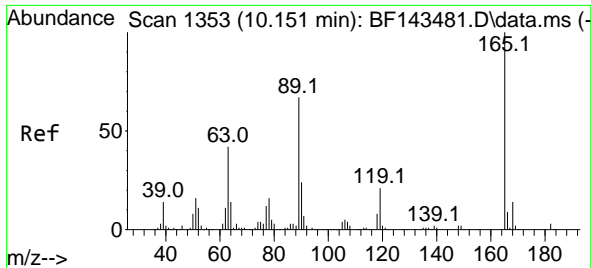
Tgt Ion:172 Resp: 842694
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.8 43.2
 170 23.1 18.8 28.2



#51
 2,6-Dinitrotoluene
 Concen: 10.409 ng
 RT: 9.963 min Scan# 1321
 Delta R.T. 0.212 min
 Lab File: BF143490.D
 Acq: 20 Aug 2025 17:43

Tgt Ion:165 Resp: 36488
 Ion Ratio Lower Upper
 165 100
 63 1.5 45.0 67.6#
 89 1.0 42.5 63.7#



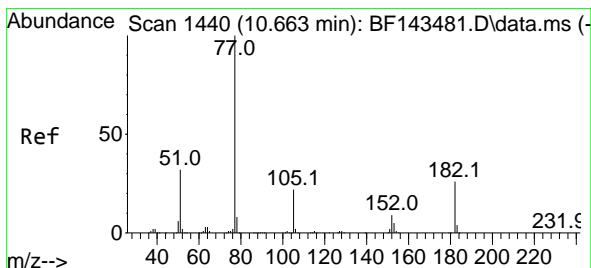
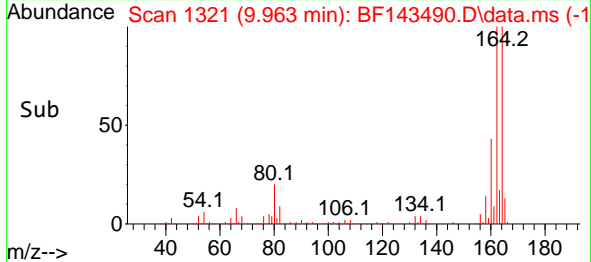
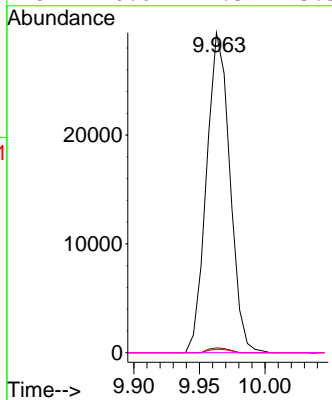
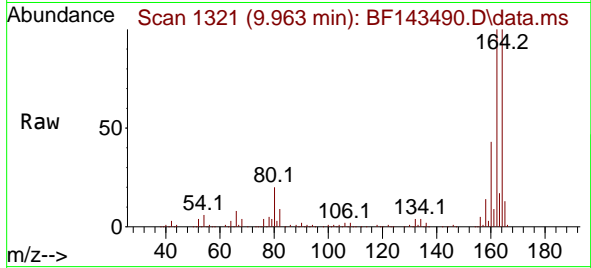


#57
 2,4-Dinitrotoluene
 Concen: 7.795 ng
 RT: 9.963 min Scan# 11
 Delta R.T. -0.194 min
 Lab File: BF143490.D
 Acq: 20 Aug 2025 17:43

Instrument :
 BNA_F
 ClientSampleId :
 FRONT-1-FLOOR-F

Tgt Ion:165 Resp: 36488

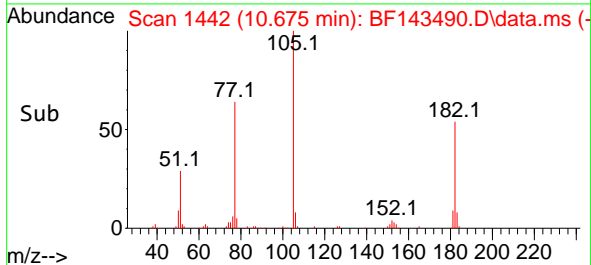
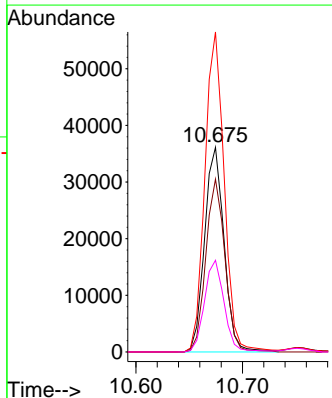
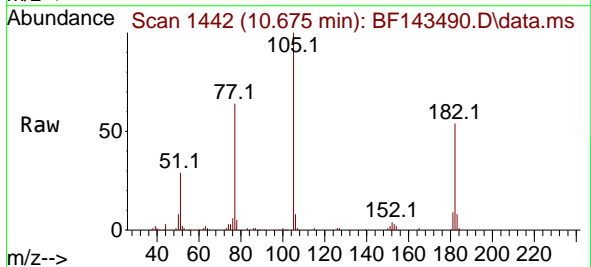
Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.9	52.3#
89	1.0	53.3	79.9#
182	0.0	2.3	3.5#

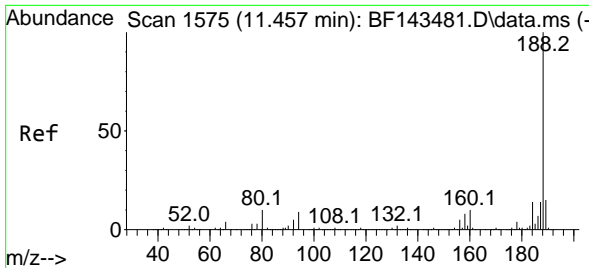


#63
 Azobenzene
 Concen: 2.936 ng
 RT: 10.675 min Scan# 1442
 Delta R.T. 0.006 min
 Lab File: BF143490.D
 Acq: 20 Aug 2025 17:43

Tgt Ion: 77 Resp: 46168

Ion	Ratio	Lower	Upper
77	100		
182	84.4	6.2	46.2#
105	156.3	2.2	42.2#
51	44.8	12.4	52.4

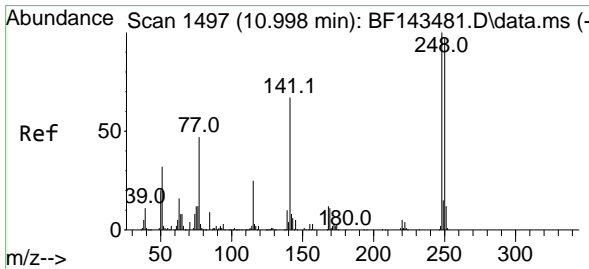
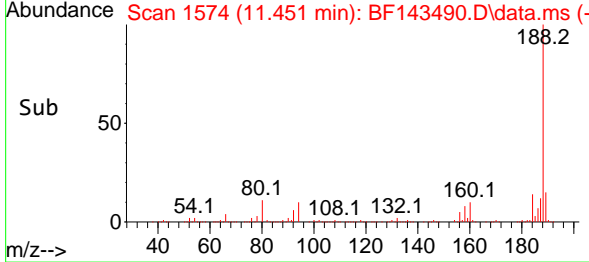
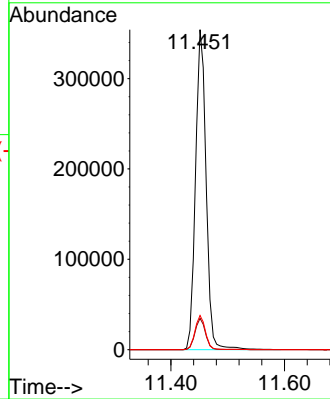
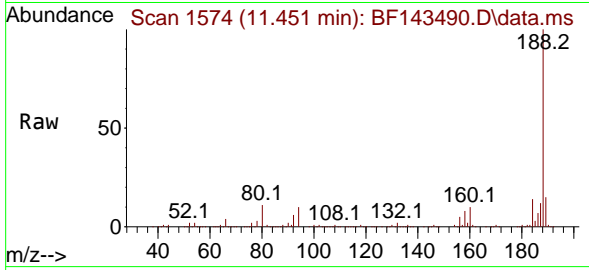




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.451 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF143490.D
 Acq: 20 Aug 2025 17:43

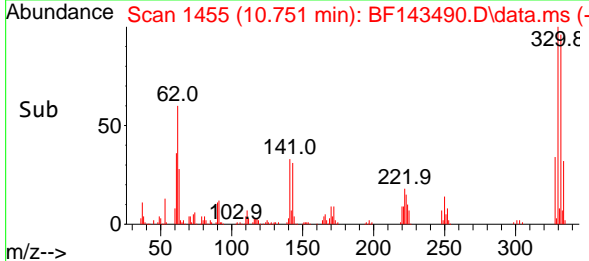
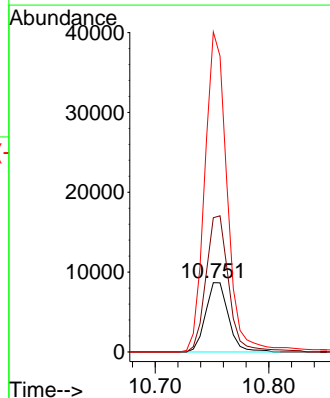
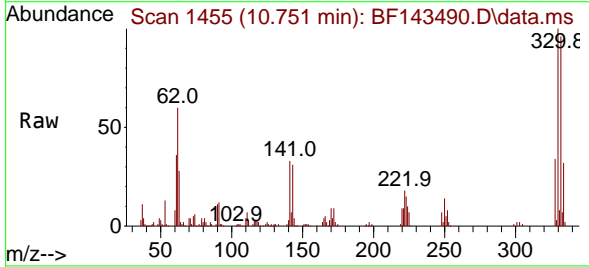
Instrument :
 BNA_F
 ClientSampleId :
 FRONT-1-FLOOR-F

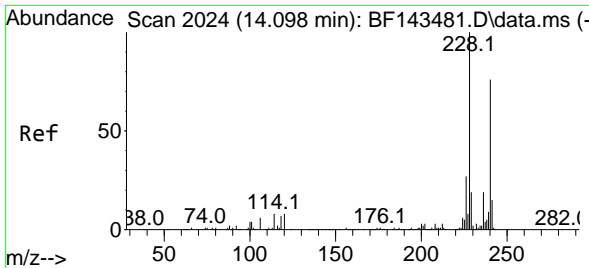
Tgt Ion:188 Resp: 461039
 Ion Ratio Lower Upper
 188 100
 94 9.8 7.4 11.2
 80 10.7 8.2 12.4



#67
 4-Bromophenyl-phenylether
 Concen: 2.199 ng
 RT: 10.751 min Scan# 1455
 Delta R.T. -0.247 min
 Lab File: BF143490.D
 Acq: 20 Aug 2025 17:43

Tgt Ion:248 Resp: 12099
 Ion Ratio Lower Upper
 248 100
 250 193.9 77.8 116.8#
 141 461.9 54.0 81.0#



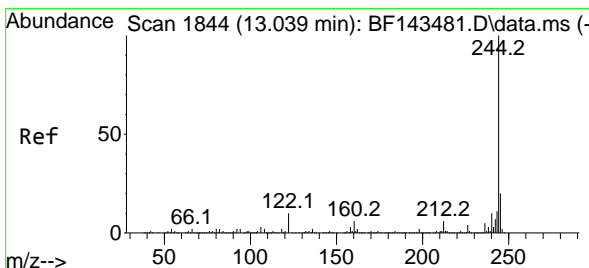
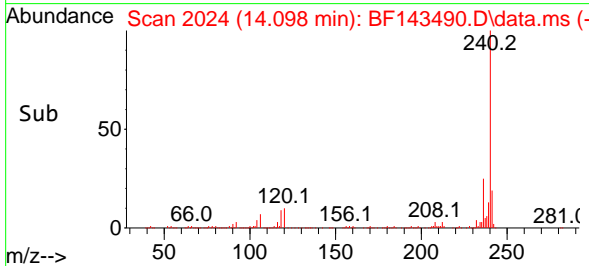
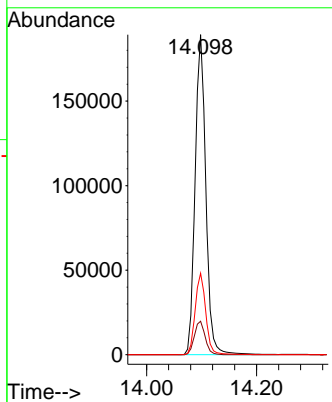
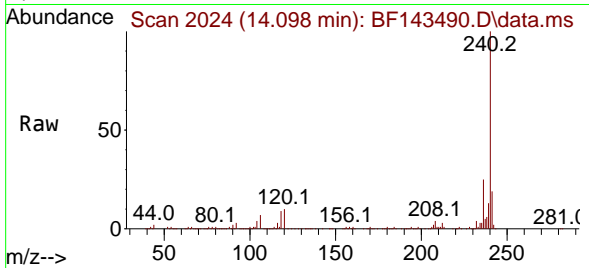


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.098 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BF143490.D
 Acq: 20 Aug 2025 17:43

Instrument :
 BNA_F
 ClientSampleId :
 FRONT-1-FLOOR-F

Tgt Ion:240 Resp: 256305

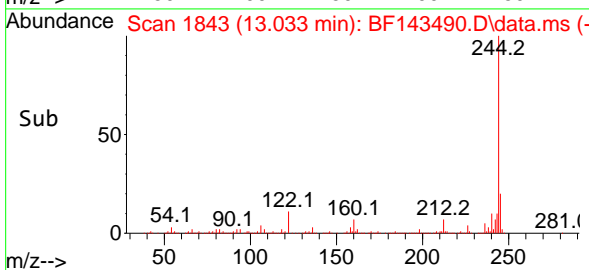
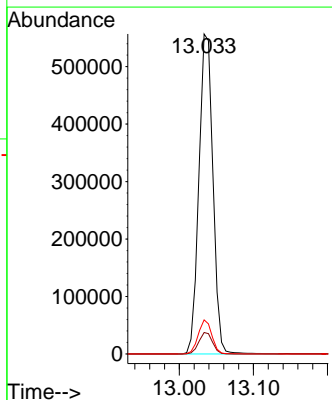
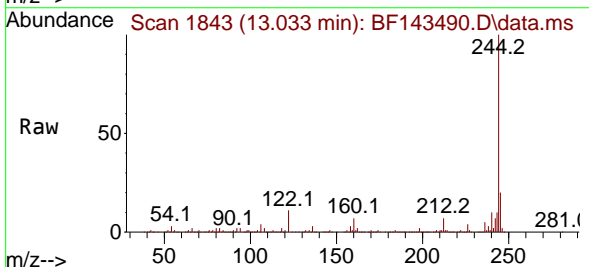
Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.6	12.8
236	25.4	20.4	30.6

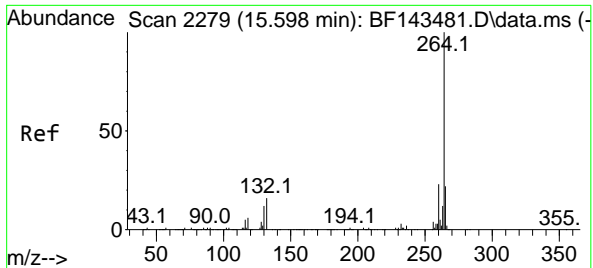


#79
 Terphenyl-d14
 Concen: 49.860 ng
 RT: 13.033 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF143490.D
 Acq: 20 Aug 2025 17:43

Tgt Ion:244 Resp: 732326

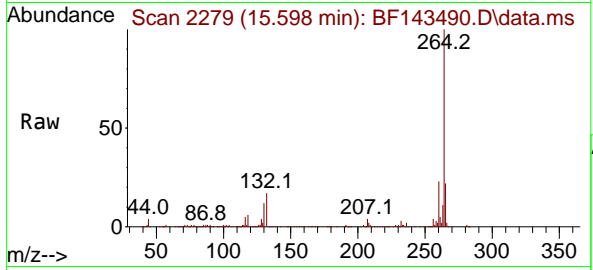
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.2	7.8
122	10.6	7.9	11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.598 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF143490.D
 Acq: 20 Aug 2025 17:43

Instrument :
 BNA_F
 ClientSampleId :
 FRONT-1-FLOOR-F



Tgt Ion:264 Resp: 259662

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.6	17.6	26.4

