

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143510.D
 Acq On : 21 Aug 2025 03:52
 Operator : RC/JU
 Sample : Q2892-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3-FLOOR-NORTH-D

Quant Time: Aug 21 04:52:45 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)

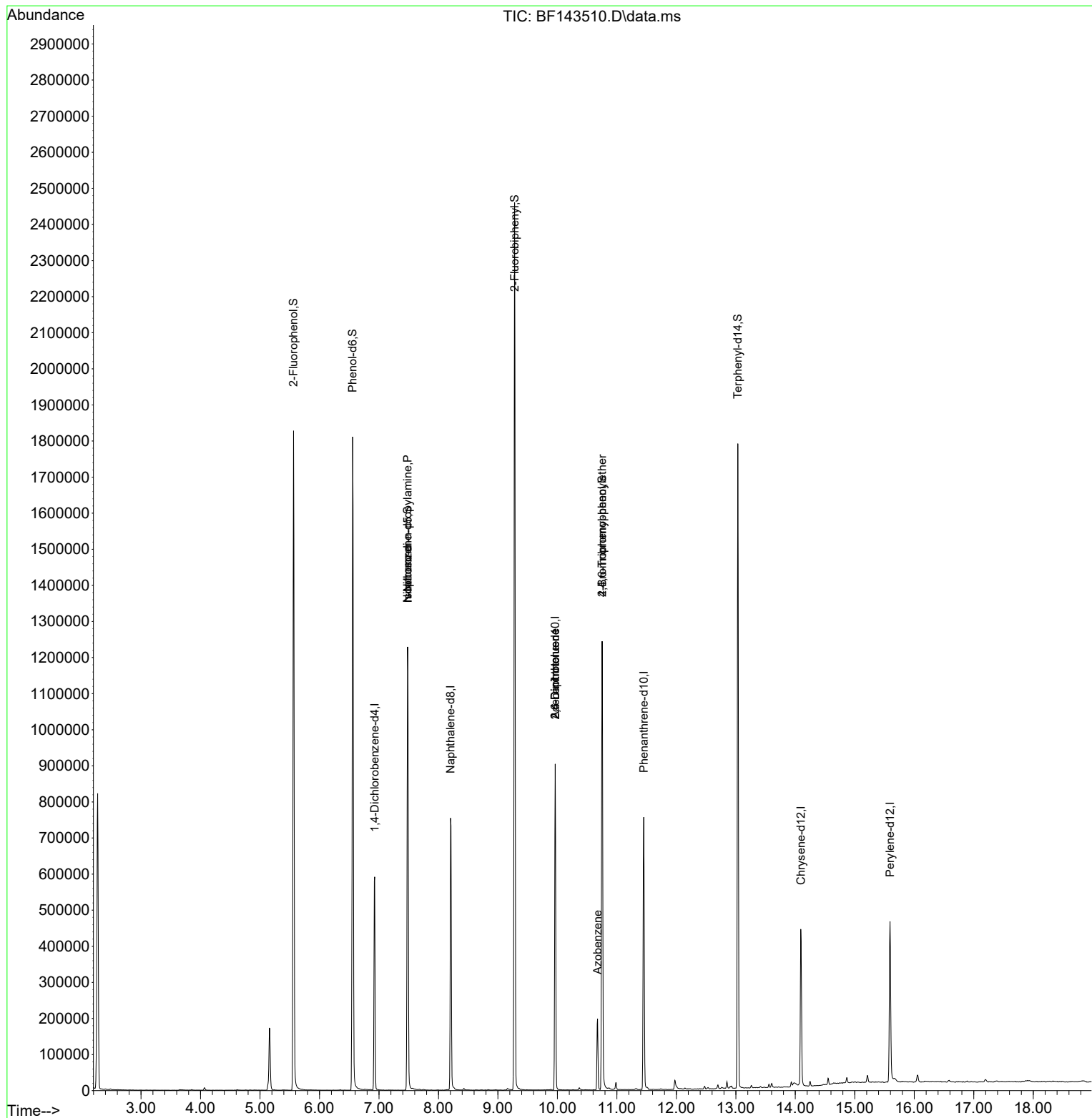
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	129359	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	497400	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	266941	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	392493	20.000	ng	0.00
76) Chrysene-d12	14.092	240	226901	20.000	ng	-0.01
86) Perylene-d12	15.592	264	273462	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	661893	89.346	ng	0.00
7) Phenol-d6	6.557	99	840548	91.913	ng	-0.02
23) Nitrobenzene-d5	7.481	82	553576	64.945	ng	-0.02
42) 2,4,6-Tribromophenol	10.751	330	222404	89.505	ng	-0.01
45) 2-Fluorobiphenyl	9.281	172	1074704	66.537	ng	0.00
79) Terphenyl-d14	13.033	244	857307	65.933	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	74440	13.318	ng	# 80
25) Isophorone	7.481	82	536020	34.306	ng	# 65
51) 2,6-Dinitrotoluene	9.963	165	34129	10.243	ng	# 26
57) 2,4-Dinitrotoluene	9.963	165	34129	7.671	ng	# 26
63) Azobenzene	10.675	77	50968	3.410	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	15023	3.208	ng	# 1

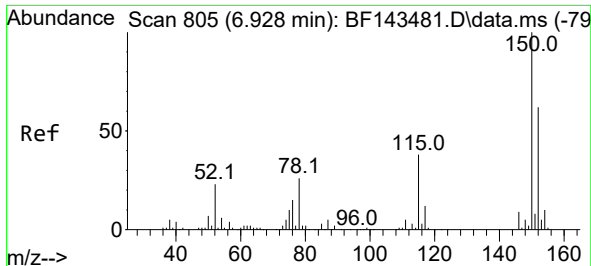
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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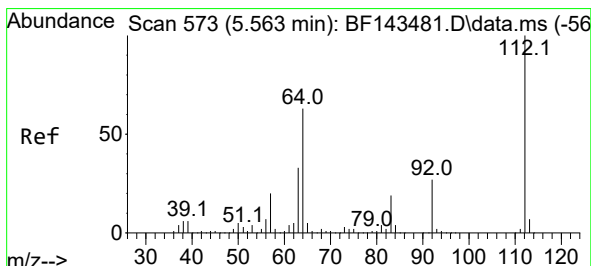
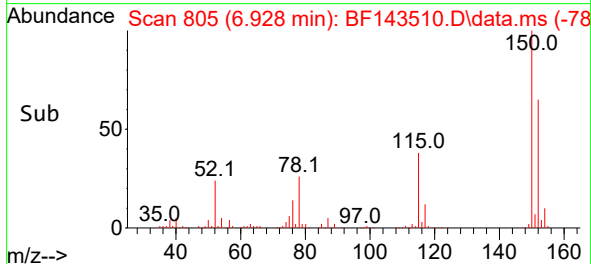
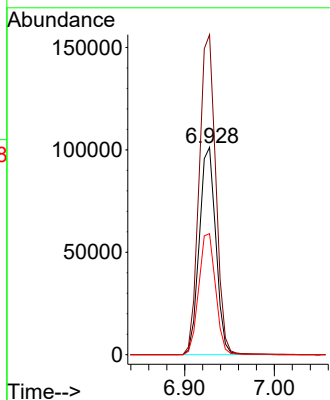
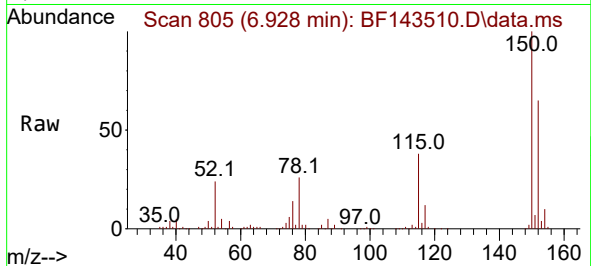




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143510.D
Acq: 21 Aug 2025 03:52

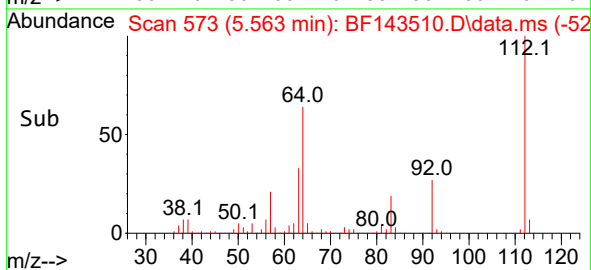
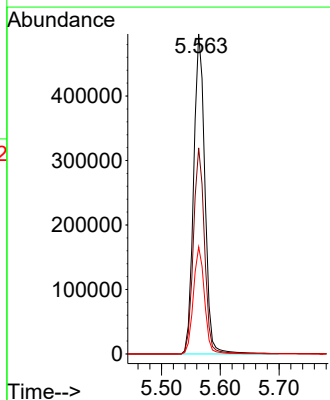
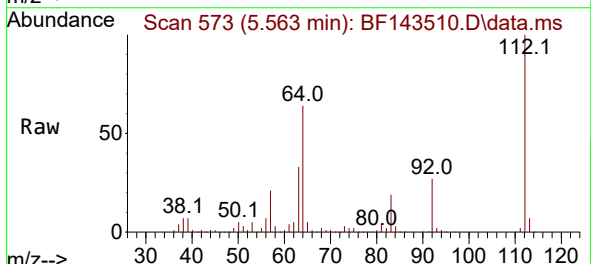
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BNA_F
ClientSampleId :
3-FLOOR-NORTH-D

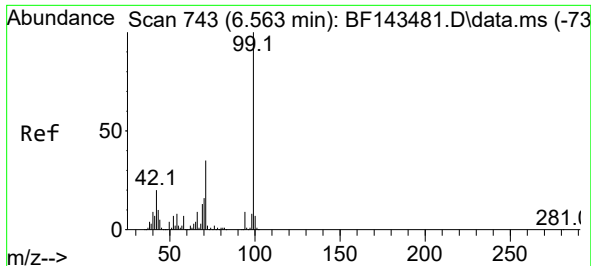
Tgt Ion:152 Resp: 129359
Ion Ratio Lower Upper
152 100
150 154.3 128.9 193.3
115 58.3 49.2 73.8



#5
2-Fluorophenol
Concen: 89.346 ng
RT: 5.563 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF143510.D
Acq: 21 Aug 2025 03:52

Tgt Ion:112 Resp: 661893
Ion Ratio Lower Upper
112 100
64 64.4 50.4 75.6
63 33.4 26.4 39.6

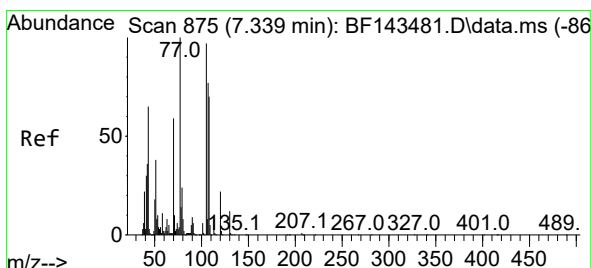
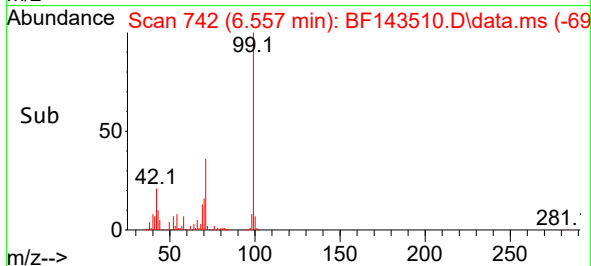
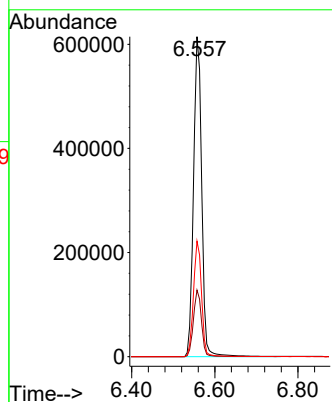
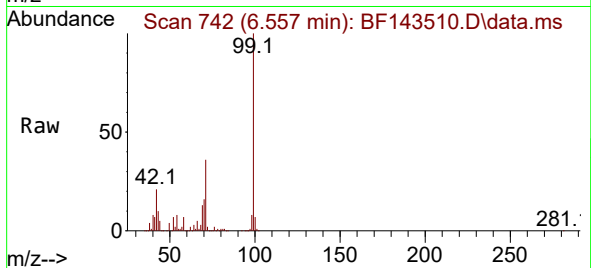




#7
Phenol-d6
Concen: 91.913 ng
RT: 6.557 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF143510.D
Acq: 21 Aug 2025 03:52

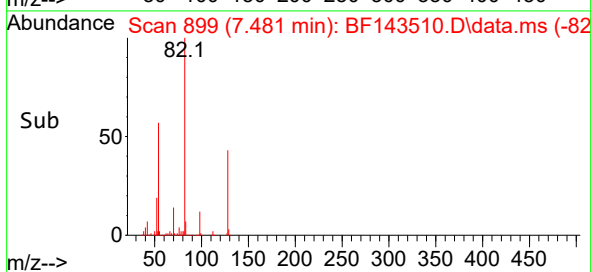
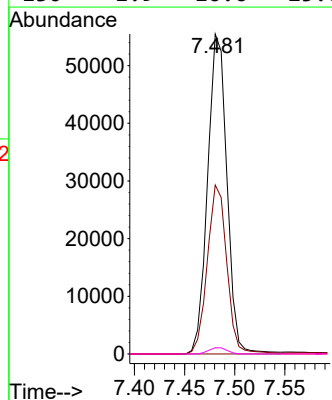
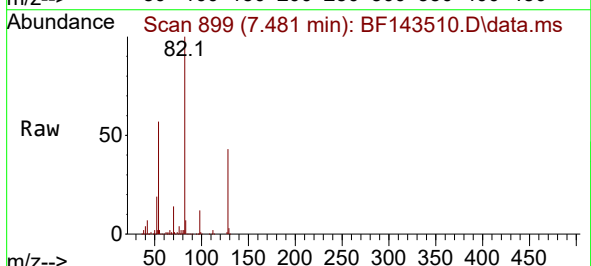
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-NORTH-D

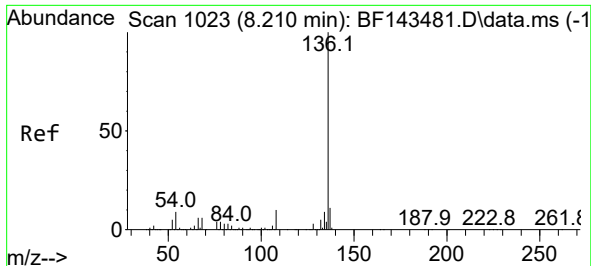
Tgt Ion: 99 Resp: 840548
Ion Ratio Lower Upper
99 100
42 20.8 16.3 24.5
71 36.1 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.318 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.129 min
Lab File: BF143510.D
Acq: 21 Aug 2025 03:52

Tgt Ion: 70 Resp: 74440
Ion Ratio Lower Upper
70 100
42 52.8 49.3 73.9
101 0.0 7.8 11.8#
130 1.9 16.6 25.0#



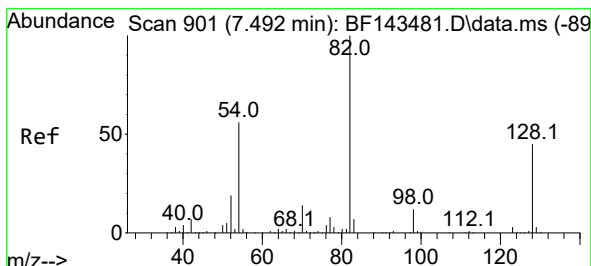
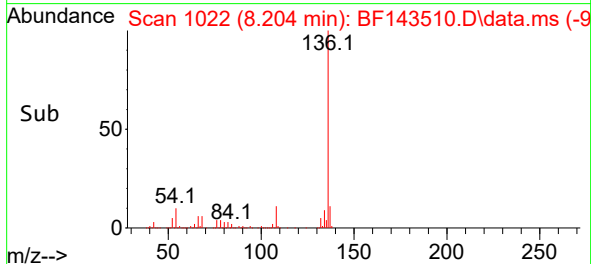
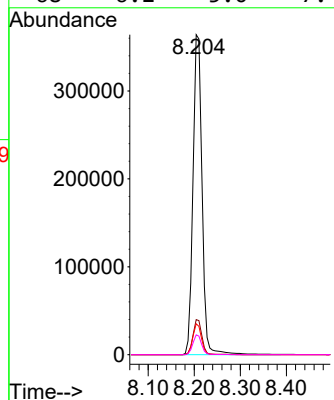
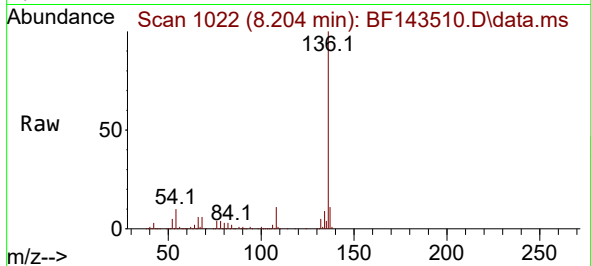


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143510.D
Acq: 21 Aug 2025 03:52

Instrument :
BNA_F
ClientSampleId :
3-FLOOR-NORTH-D

Tgt Ion:136 Resp: 497400

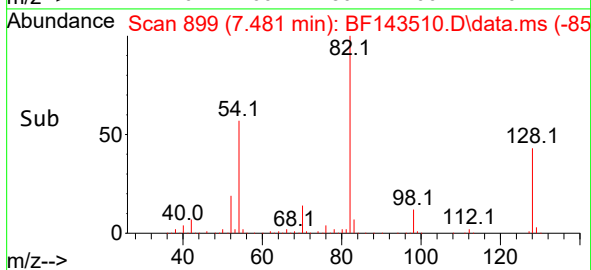
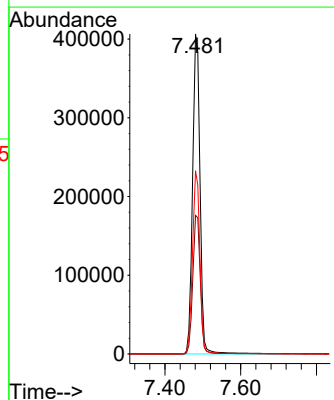
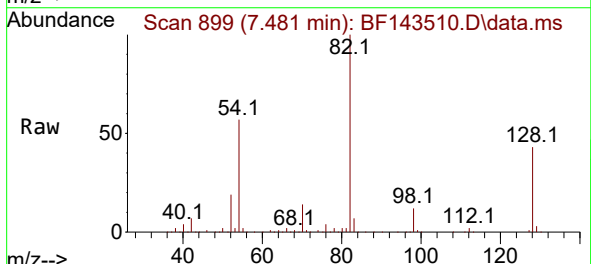
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	9.6	7.4	11.2
68	6.2	5.0	7.4

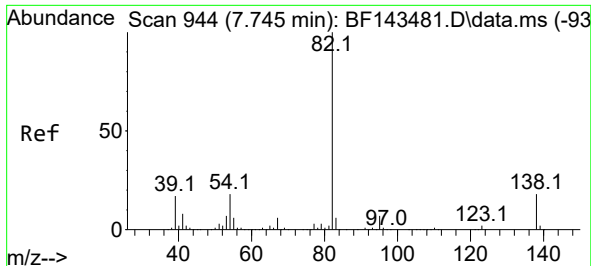


#23
Nitrobenzene-d5
Concen: 64.945 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.018 min
Lab File: BF143510.D
Acq: 21 Aug 2025 03:52

Tgt Ion: 82 Resp: 553576

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.5	53.3
54	57.3	44.3	66.5

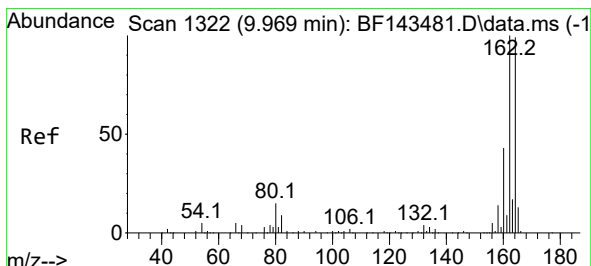
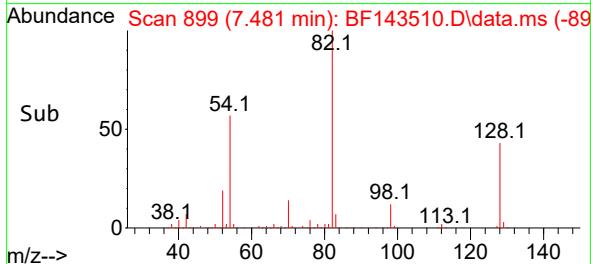
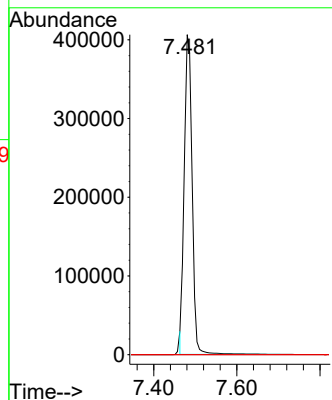
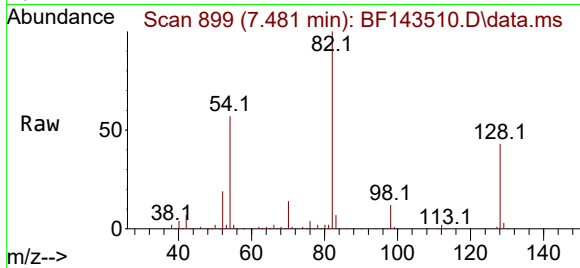




#25
Isophorone
Concen: 34.306 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.277 min
Lab File: BF143510.D
Acq: 21 Aug 2025 03:52

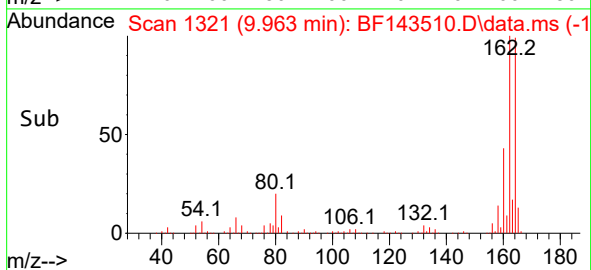
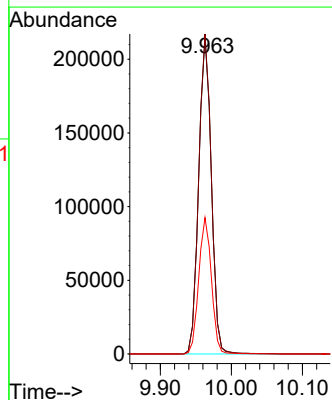
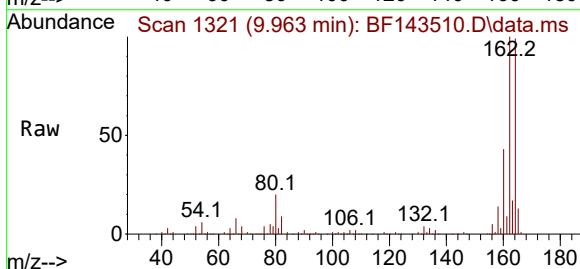
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-NORTH-D

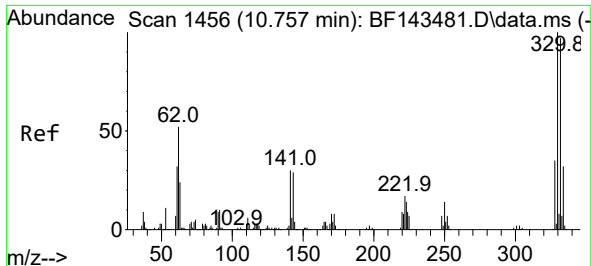
Tgt Ion: 82 Resp: 536020
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 14.2 21.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143510.D
Acq: 21 Aug 2025 03:52

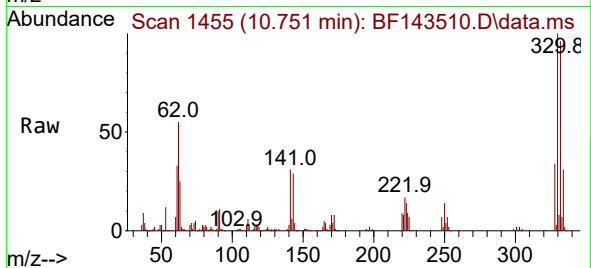
Tgt Ion:164 Resp: 266941
Ion Ratio Lower Upper
164 100
162 101.1 80.5 120.7
160 43.1 34.3 51.5



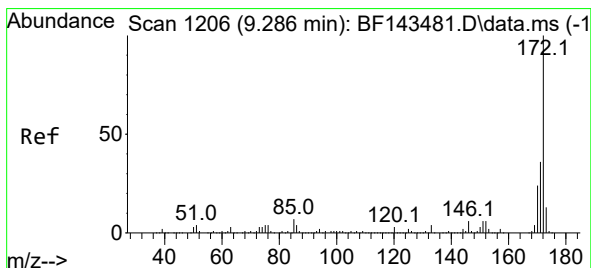
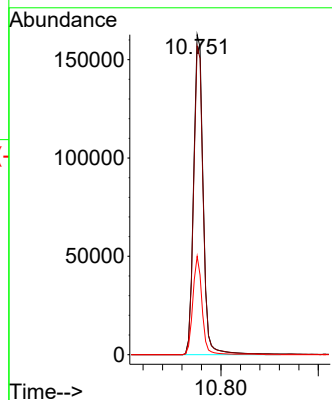
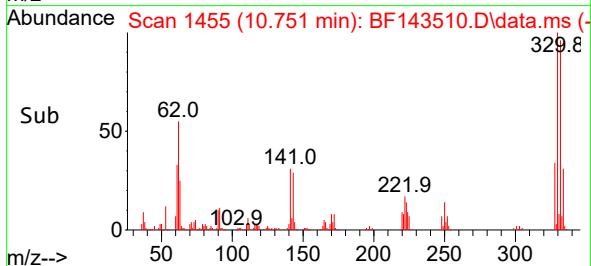


#42
2,4,6-Tribromophenol
Concen: 89.505 ng
RT: 10.751 min Scan# 1456
Delta R.T. -0.012 min
Lab File: BF143510.D
Acq: 21 Aug 2025 03:52

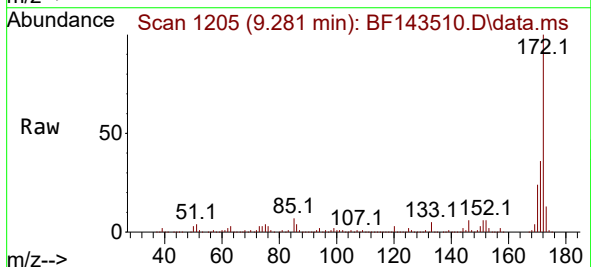
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ClientSampleId :
3-FLOOR-NORTH-D



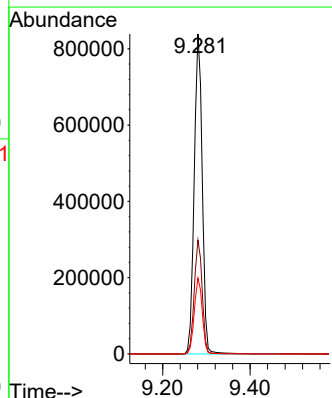
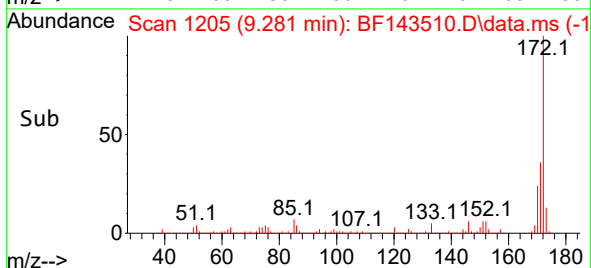
Tgt Ion:330 Resp: 222404
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 29.6 23.7 35.5

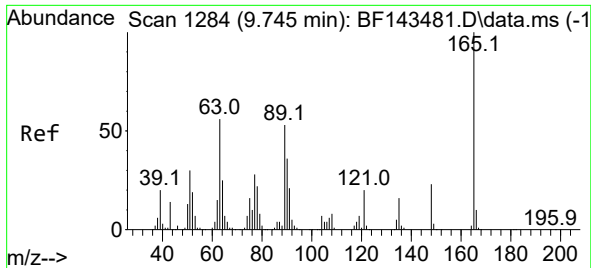


#45
2-Fluorobiphenyl
Concen: 66.537 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143510.D
Acq: 21 Aug 2025 03:52



Tgt Ion:172 Resp: 1074704
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.7 18.8 28.2

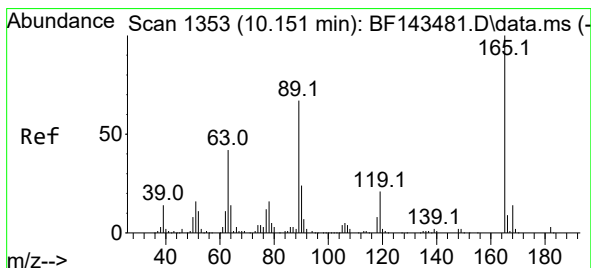
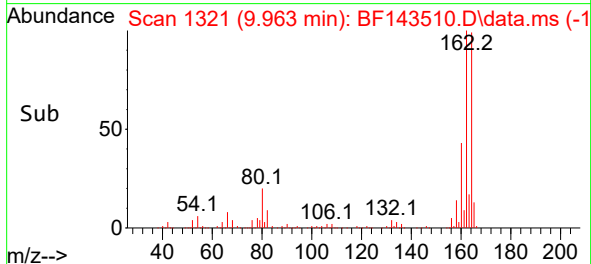
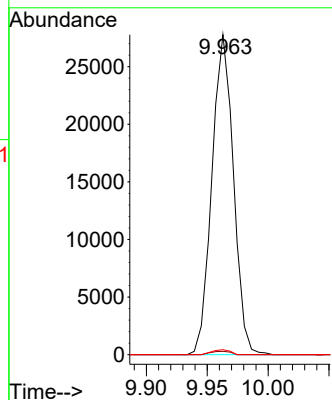
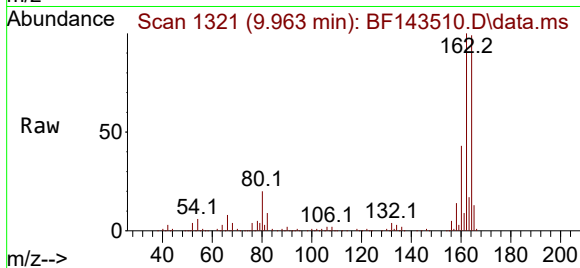




#51
2,6-Dinitrotoluene
Concen: 10.243 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF143510.D
Acq: 21 Aug 2025 03:52

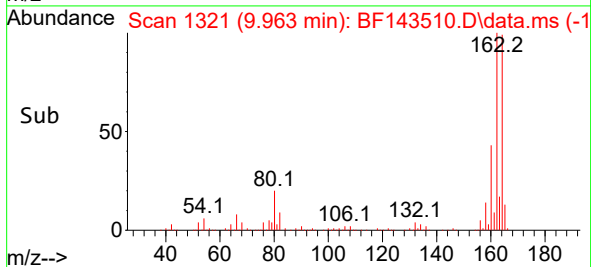
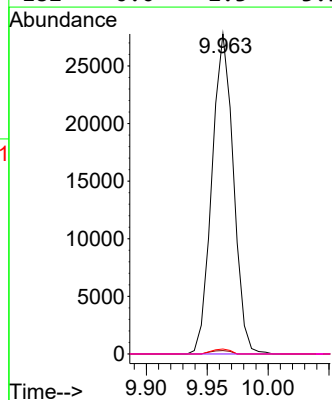
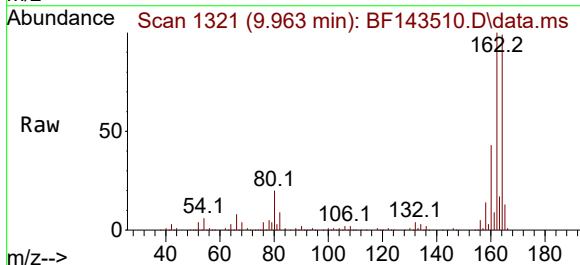
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-NORTH-D

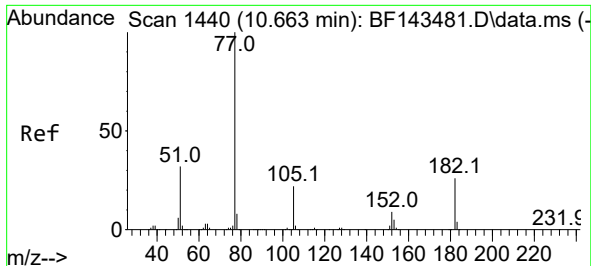
Tgt Ion:165 Resp: 34129
Ion Ratio Lower Upper
165 100
63 1.1 45.0 67.6#
89 1.5 42.5 63.7#



#57
2,4-Dinitrotoluene
Concen: 7.671 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF143510.D
Acq: 21 Aug 2025 03:52

Tgt Ion:165 Resp: 34129
Ion Ratio Lower Upper
165 100
63 1.1 34.9 52.3#
89 1.5 53.3 79.9#
182 0.0 2.3 3.5#

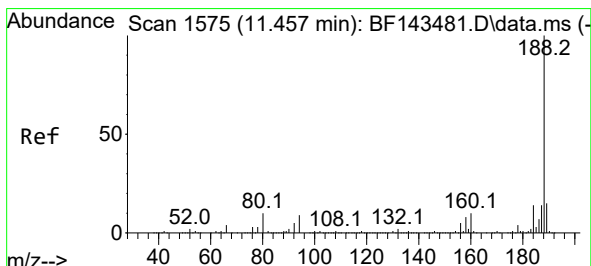
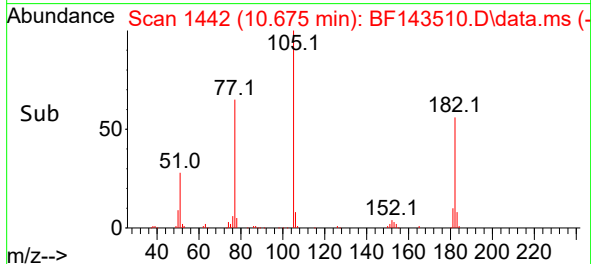
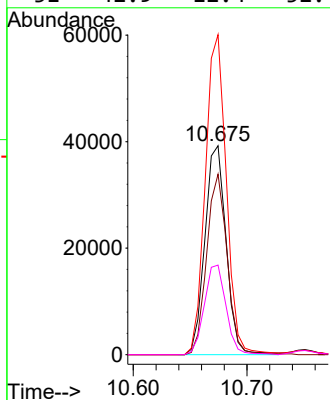
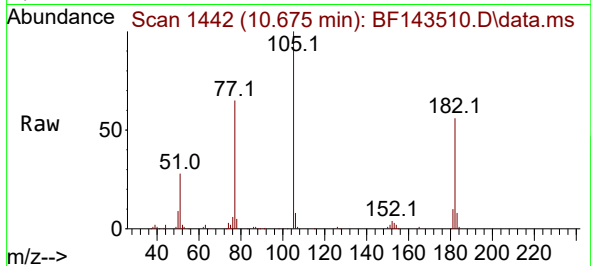




#63
Azobenzene
Concen: 3.410 ng
RT: 10.675 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143510.D
Acq: 21 Aug 2025 03:52

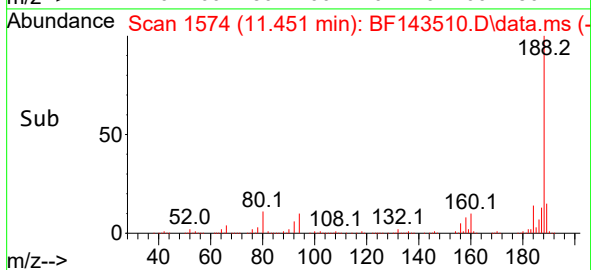
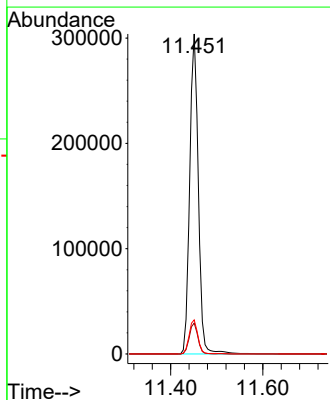
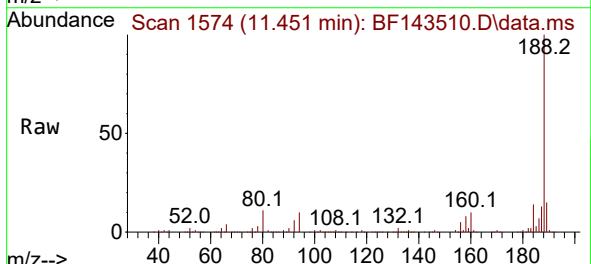
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-NORTH-D

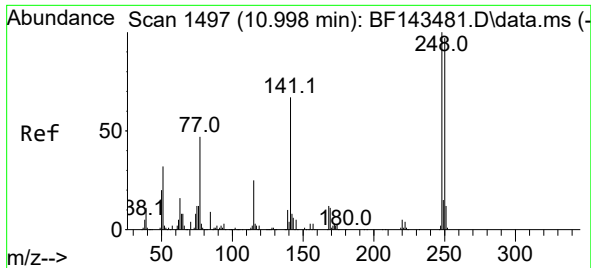
Tgt Ion: 77	Resp: 50968
Ion Ratio	Lower Upper
77 100	
182 86.4	6.2 46.2#
105 153.2	2.2 42.2#
51 42.9	12.4 52.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF143510.D
Acq: 21 Aug 2025 03:52

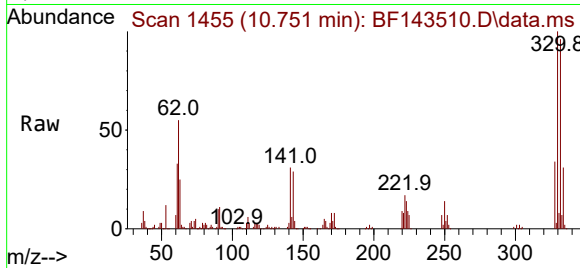
Tgt Ion: 188	Resp: 392493
Ion Ratio	Lower Upper
188 100	
94 9.6	7.4 11.2
80 10.7	8.2 12.4



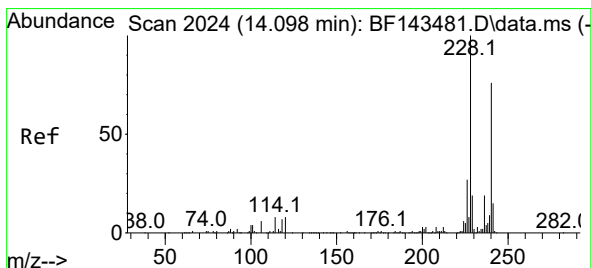
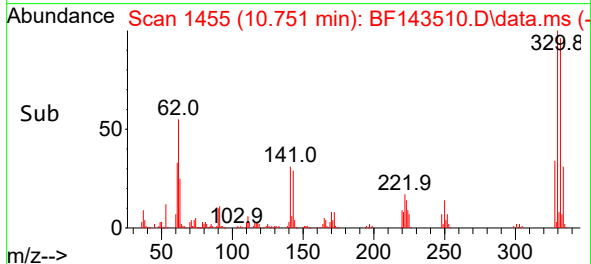
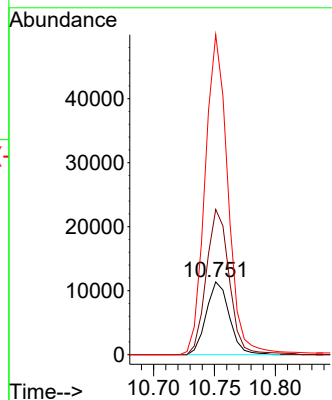


#67
4-Bromophenyl-phenylether
Concen: 3.208 ng
RT: 10.751 min Scan# 1497
Delta R.T. -0.247 min
Lab File: BF143510.D
Acq: 21 Aug 2025 03:52

Instrument :
BNA_F
ClientSampleId :
3-FLOOR-NORTH-D

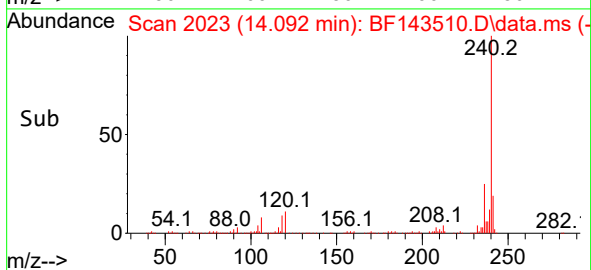
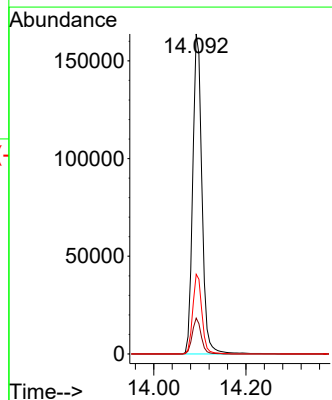
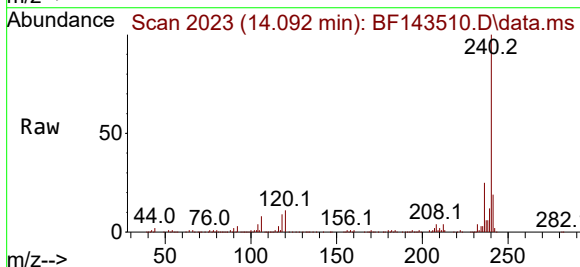


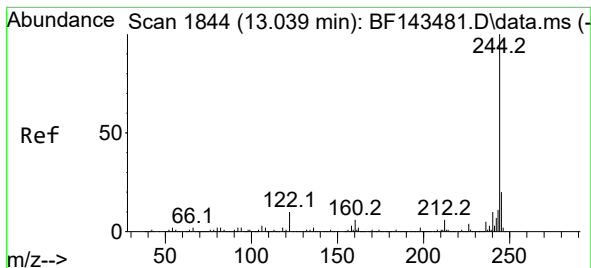
Tgt Ion:248 Resp: 15023
Ion Ratio Lower Upper
248 100
250 199.3 77.8 116.8#
141 439.1 54.0 81.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF143510.D
Acq: 21 Aug 2025 03:52

Tgt Ion:240 Resp: 226901
Ion Ratio Lower Upper
240 100
120 11.2 8.6 12.8
236 24.9 20.4 30.6





#79

Terphenyl-d14

Concen: 65.933 ng

RT: 13.033 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF143510.D

Acq: 21 Aug 2025 03:52

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-NORTH-D

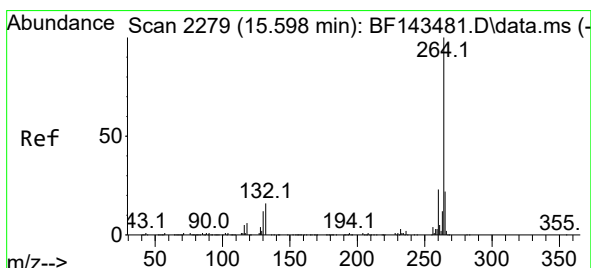
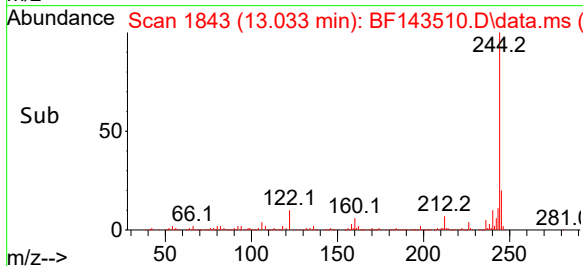
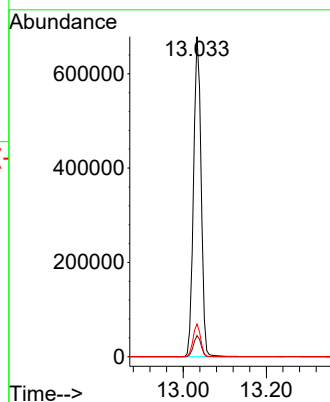
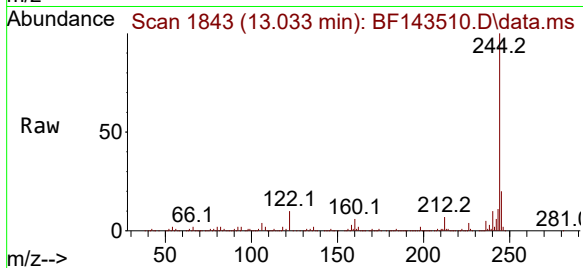
Tgt Ion:244 Resp: 857307

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 10.2 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: BF143510.D

Acq: 21 Aug 2025 03:52

Tgt Ion:264 Resp: 273462

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.6 17.6 26.4

