

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
 Data File : BF143463.D
 Acq On : 19 Aug 2025 18:26
 Operator : RC/JU
 Sample : Q2891-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL-2

Quant Time: Aug 20 01:12:38 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)

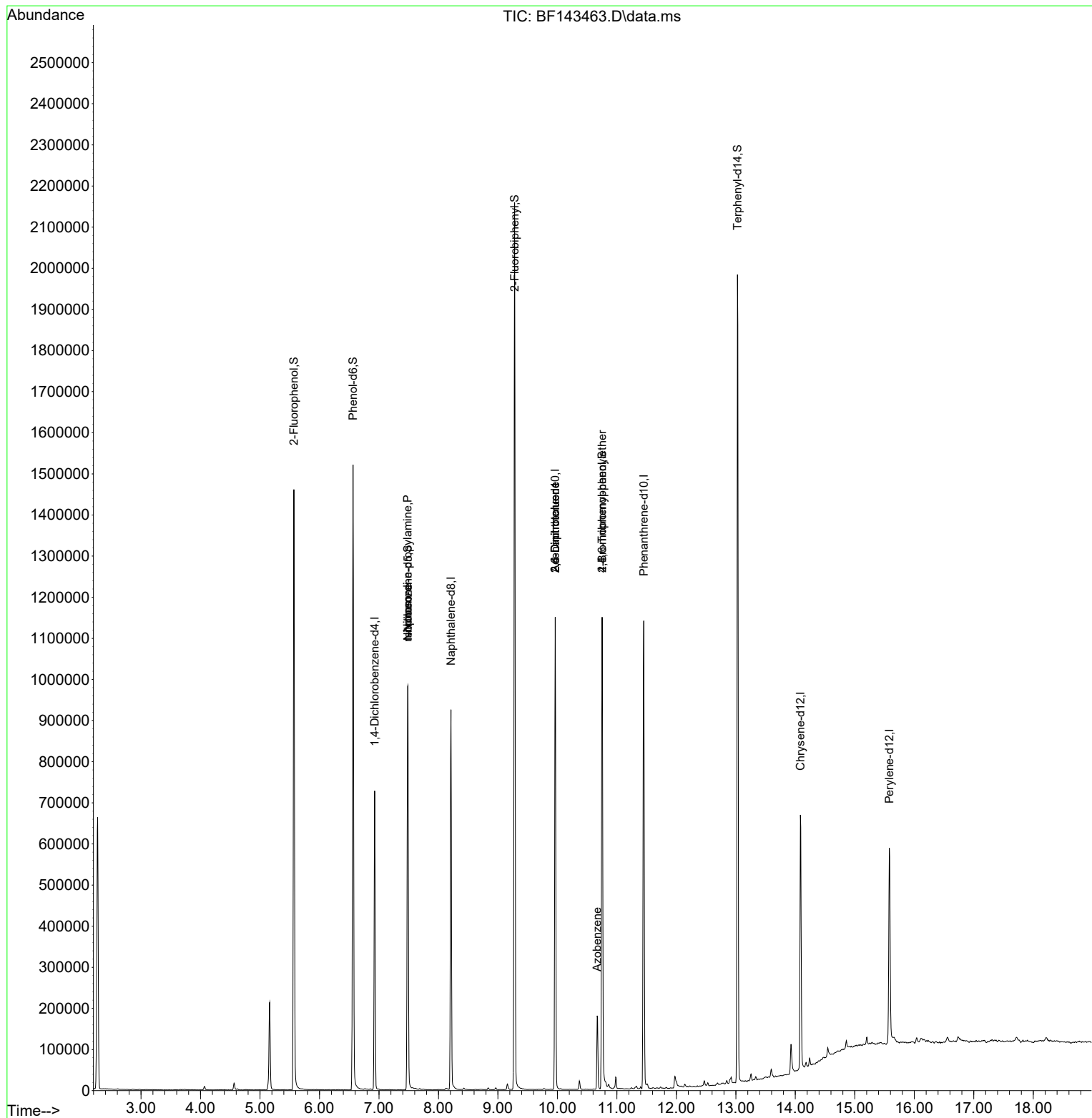
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	153229	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	589223	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	342660	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	587762	20.000	ng	0.00
76) Chrysene-d12	14.086	240	322302	20.000	ng	0.00
86) Perylene-d12	15.580	264	298994	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	527003	59.786	ng	0.01
7) Phenol-d6	6.563	99	692913	62.376	ng	0.00
23) Nitrobenzene-d5	7.486	82	454375	45.759	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	206365	67.662	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	950878	46.675	ng	0.00
79) Terphenyl-d14	13.027	244	973052	50.716	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	59819	8.698	ng	# 80
25) Isophorone	7.486	82	444808	23.405	ng	# 65
51) 2,6-Dinitrotoluene	9.963	165	44707	10.616	ng	# 24
57) 2,4-Dinitrotoluene	9.963	165	44708	7.963	ng	# 24
63) Azobenzene	10.669	77	46903	2.351	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	14031	2.022	ng	# 1

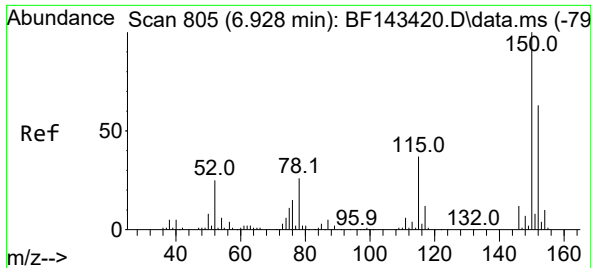
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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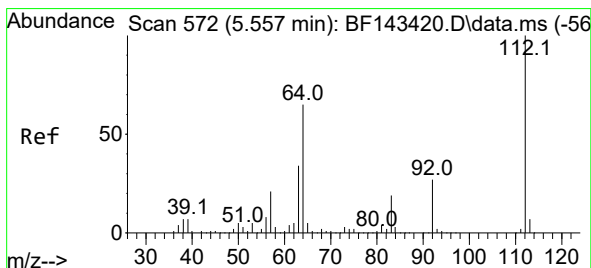
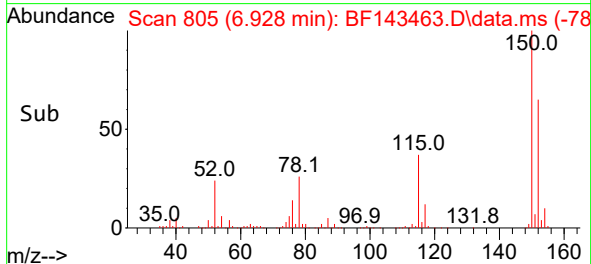
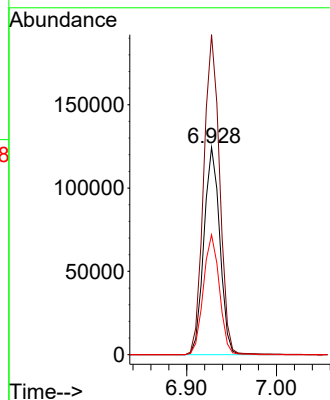
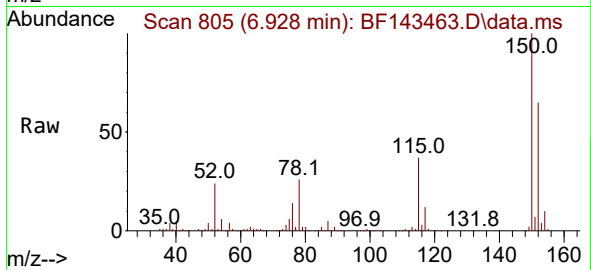




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143463.D
Acq: 19 Aug 2025 18:26

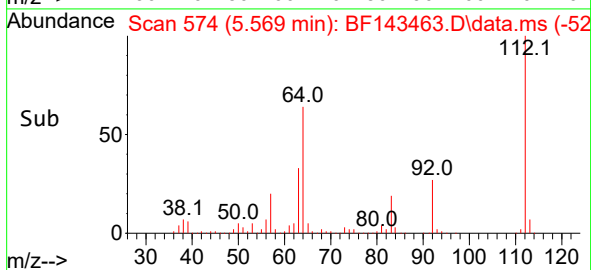
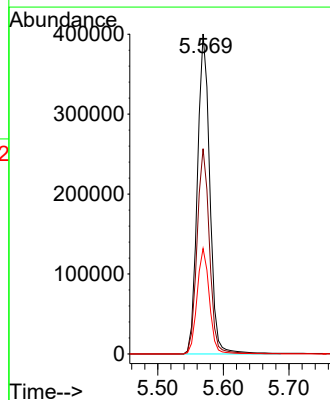
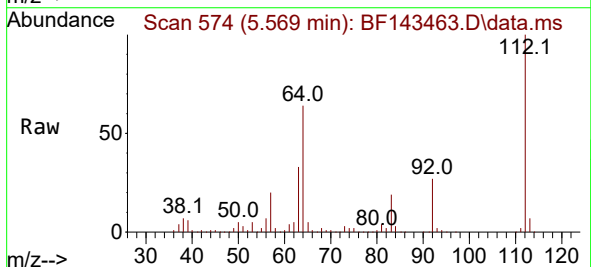
Instrument :
BNA_F
ClientSampleId :
WALL-2

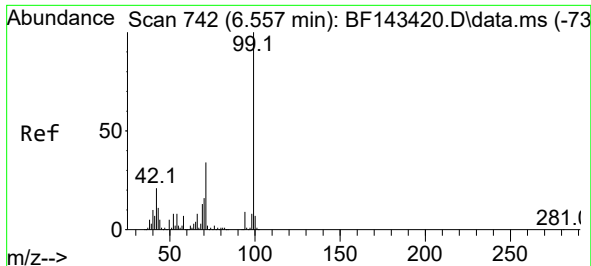
Tgt Ion:152 Resp: 153229
Ion Ratio Lower Upper
152 100
150 154.4 127.4 191.2
115 57.8 47.5 71.3



#5
2-Fluorophenol
Concen: 59.786 ng
RT: 5.569 min Scan# 574
Delta R.T. 0.012 min
Lab File: BF143463.D
Acq: 19 Aug 2025 18:26

Tgt Ion:112 Resp: 527003
Ion Ratio Lower Upper
112 100
64 64.2 52.2 78.2
63 33.0 27.0 40.6

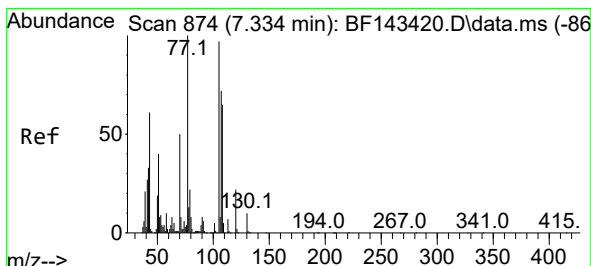
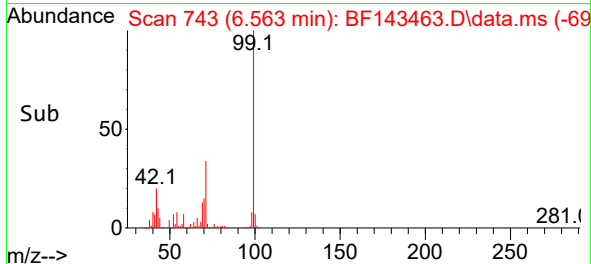
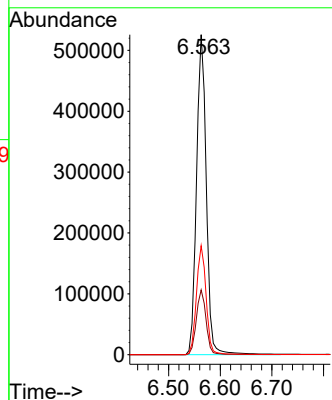
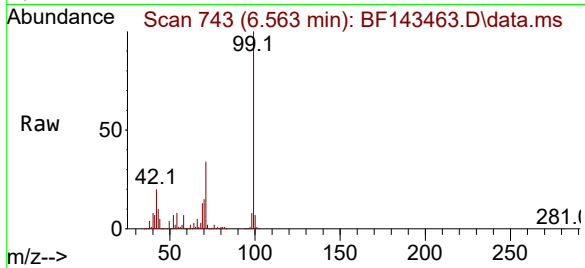




#7
Phenol-d6
Concen: 62.376 ng
RT: 6.563 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143463.D
Acq: 19 Aug 2025 18:26

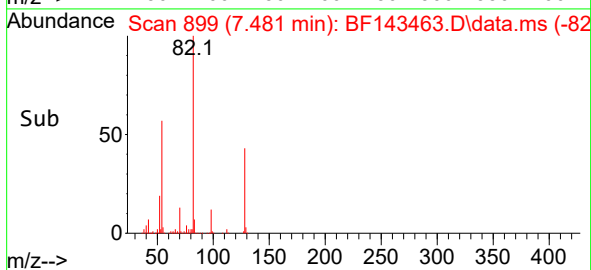
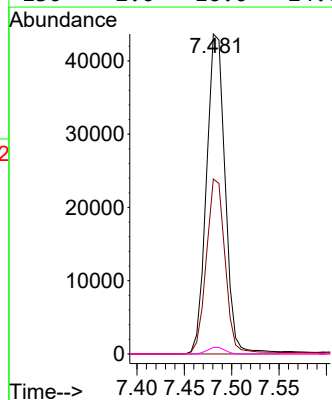
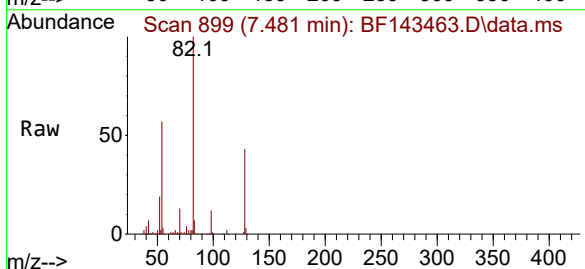
Instrument :
BNA_F
ClientSampleId :
WALL-2

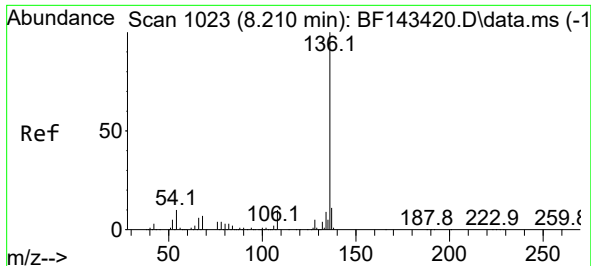
Tgt Ion: 99 Resp: 692913
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 34.0 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 8.698 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF143463.D
Acq: 19 Aug 2025 18:26

Tgt Ion: 70 Resp: 59819
Ion Ratio Lower Upper
70 100
42 54.6 52.5 78.7
101 0.0 7.9 11.9#
130 2.0 16.0 24.0#

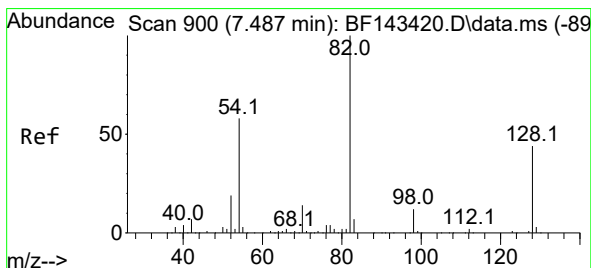
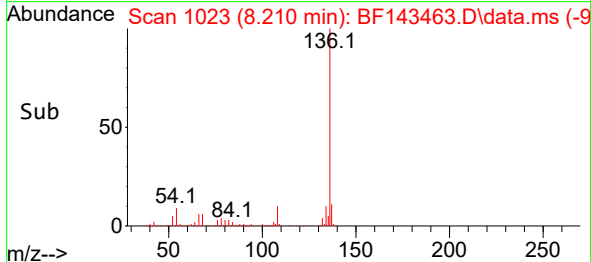
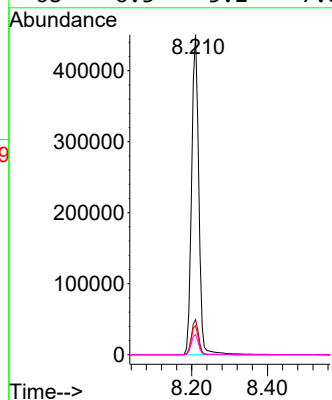
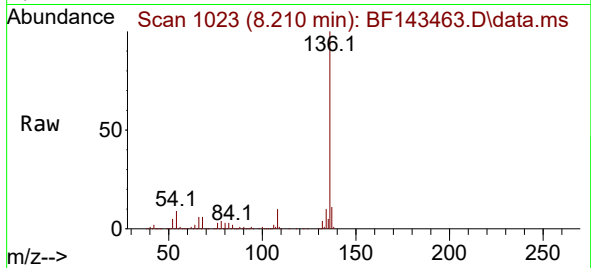




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143463.D
Acq: 19 Aug 2025 18:26

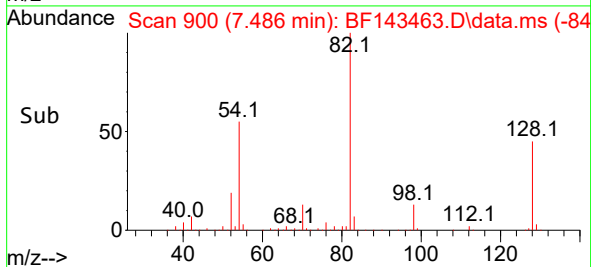
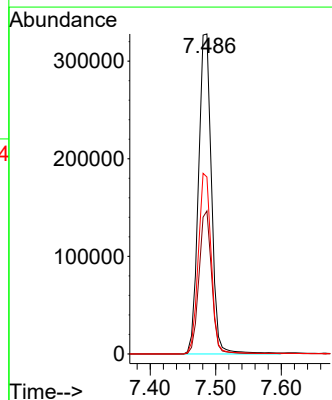
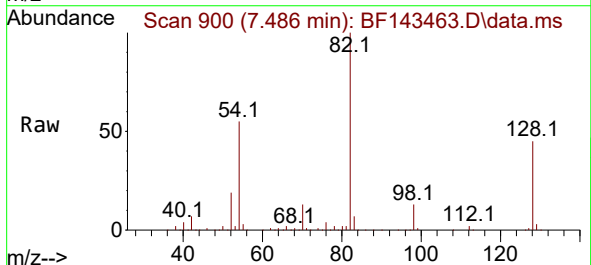
Instrument :
BNA_F
ClientSampleId :
WALL-2

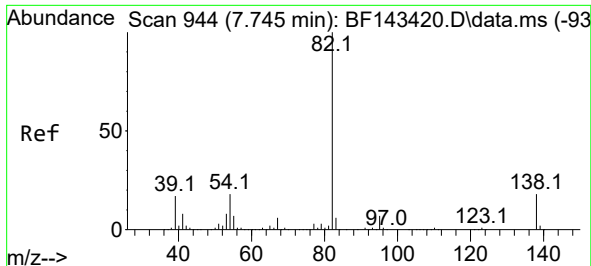
Tgt Ion:	136	Resp:	589223
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.0	7.8	11.8
68	6.3	5.2	7.8



#23
Nitrobenzene-d5
Concen: 45.759 ng
RT: 7.486 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF143463.D
Acq: 19 Aug 2025 18:26

Tgt Ion:	82	Resp:	454375
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	52.0
54	55.3	46.0	69.0

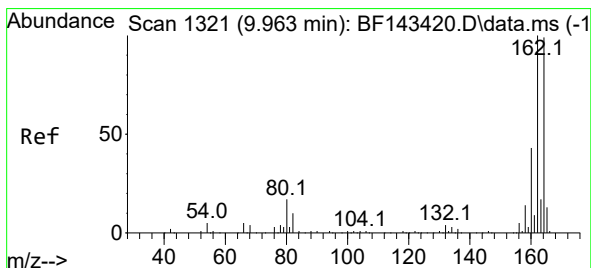
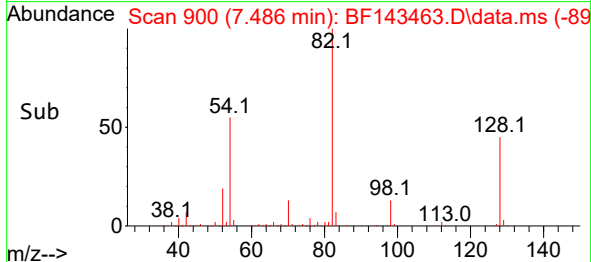
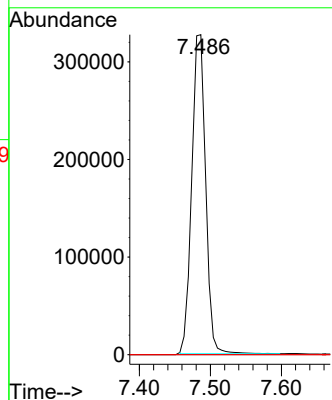
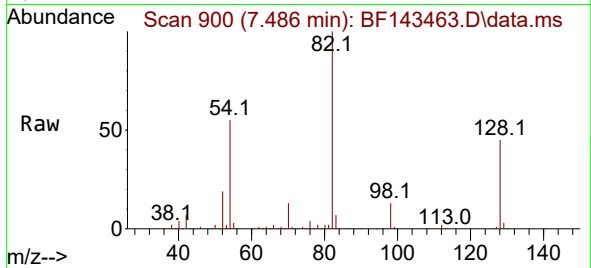




#25
Isophorone
Concen: 23.405 ng
RT: 7.486 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF143463.D
Acq: 19 Aug 2025 18:26

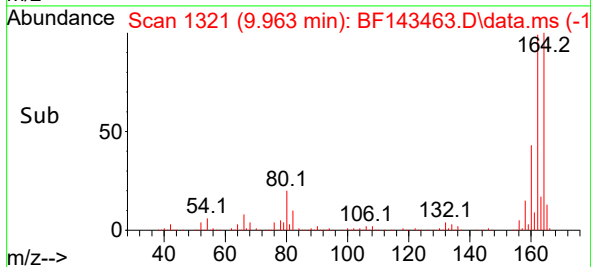
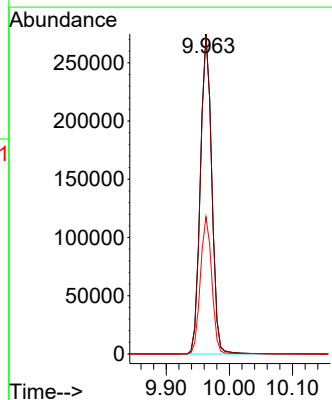
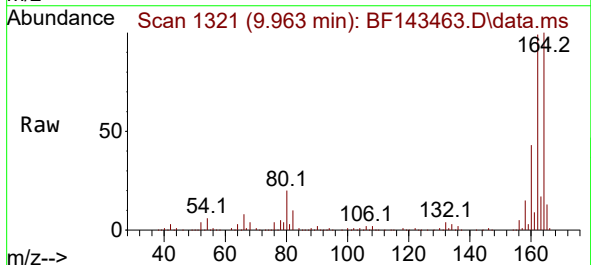
Instrument :
BNA_F
ClientSampleId :
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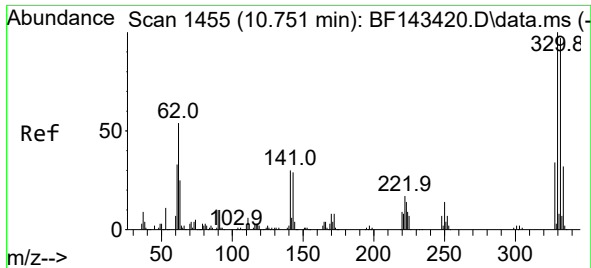
Tgt Ion: 82 Resp: 444808
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.3 21.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF143463.D
Acq: 19 Aug 2025 18:26

Tgt Ion:164 Resp: 342660
Ion Ratio Lower Upper
164 100
162 99.4 80.6 121.0
160 42.9 34.6 51.8

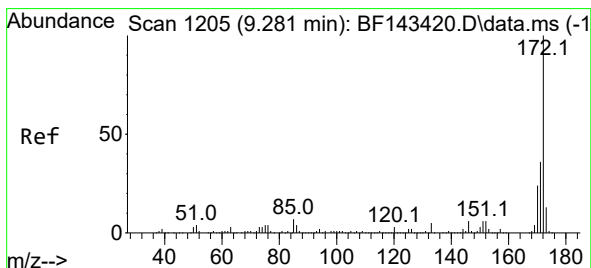
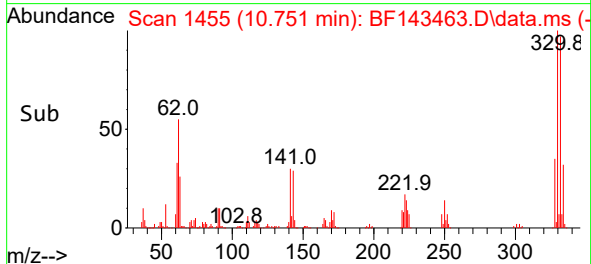
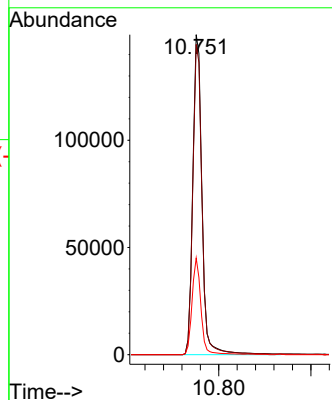
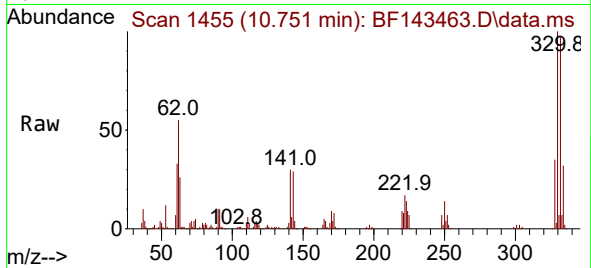




#42
2,4,6-Tribromophenol
Concen: 67.662 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF143463.D
Acq: 19 Aug 2025 18:26

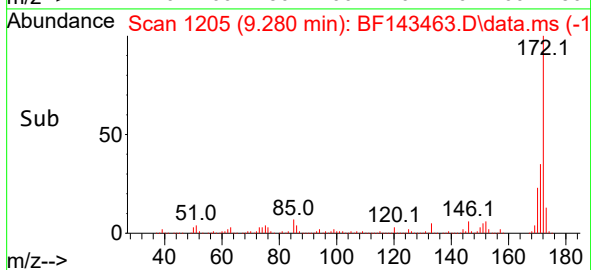
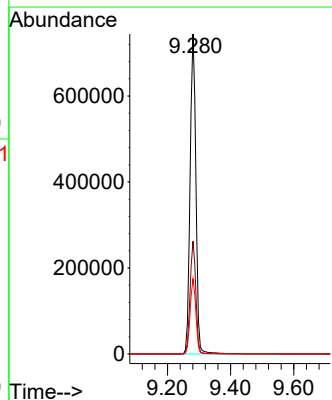
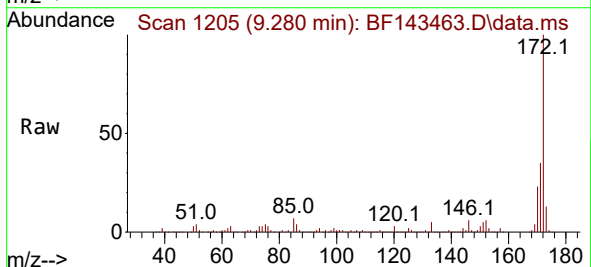
Instrument :
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ClientSampleId :
WALL-2

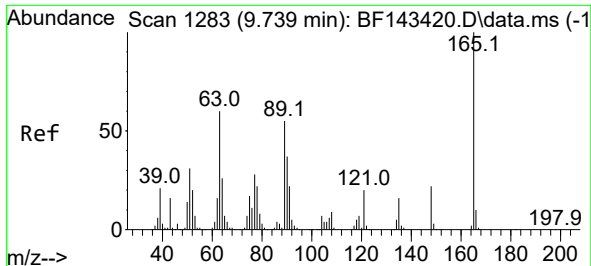
Tgt Ion:330 Resp: 206365
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.2
141 29.4 24.1 36.1



#45
2-Fluorobiphenyl
Concen: 46.675 ng
RT: 9.280 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF143463.D
Acq: 19 Aug 2025 18:26

Tgt Ion:172 Resp: 950878
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 23.5 19.0 28.6

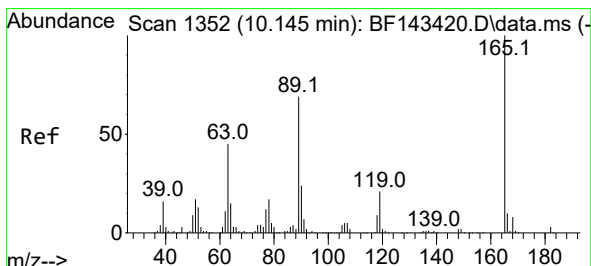
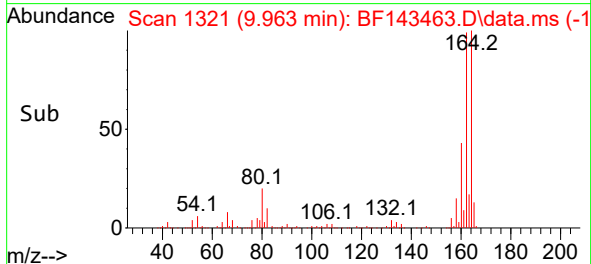
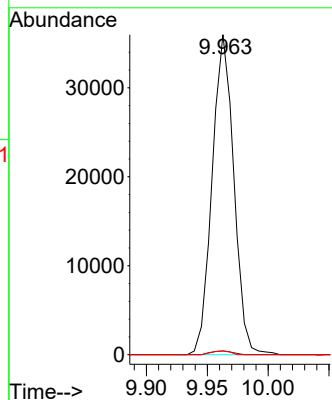
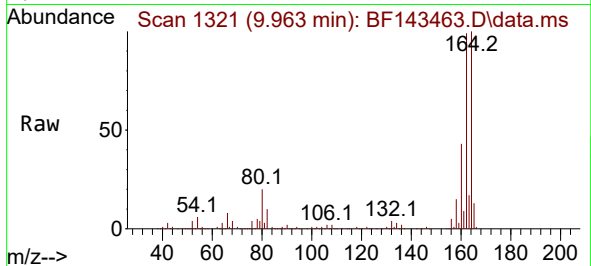




#51
2,6-Dinitrotoluene
Concen: 10.616 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.223 min
Lab File: BF143463.D
Acq: 19 Aug 2025 18:26

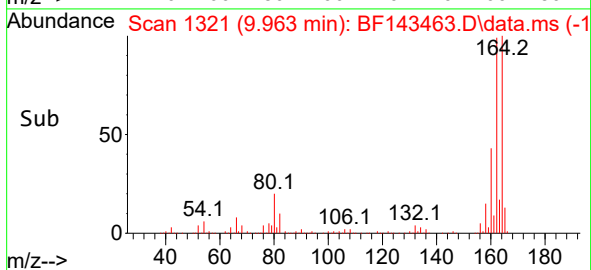
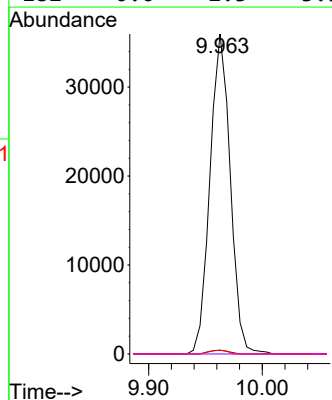
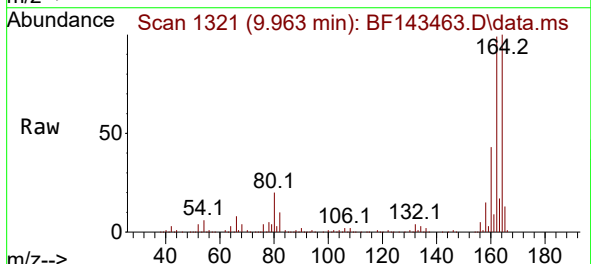
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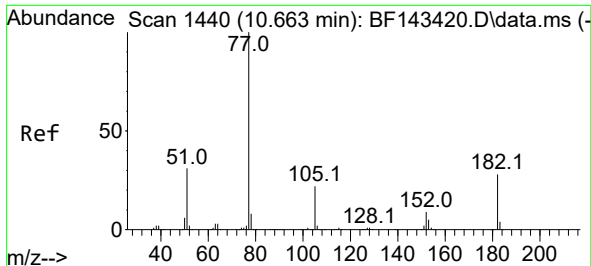
Tgt Ion:165 Resp: 44707
Ion Ratio Lower Upper
165 100
63 1.2 48.2 72.2#
89 1.2 44.2 66.2#



#57
2,4-Dinitrotoluene
Concen: 7.963 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.182 min
Lab File: BF143463.D
Acq: 19 Aug 2025 18:26

Tgt Ion:165 Resp: 44708
Ion Ratio Lower Upper
165 100
63 1.2 37.0 55.6#
89 1.2 55.4 83.0#
182 0.0 2.3 3.5#

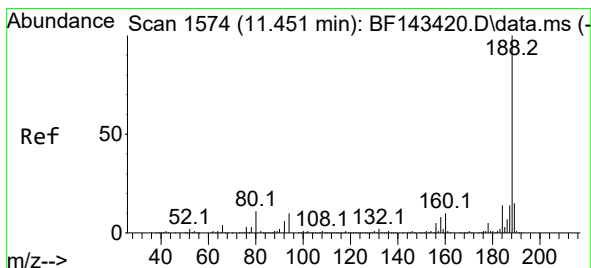
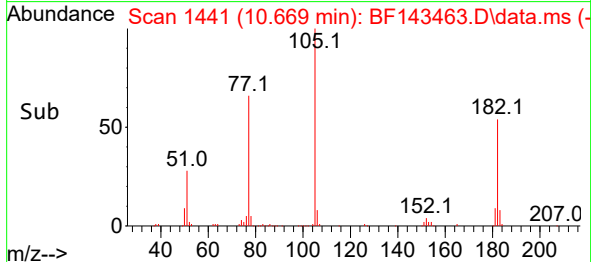
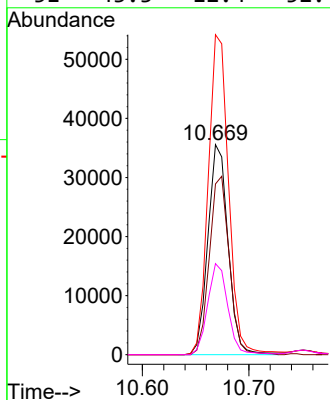
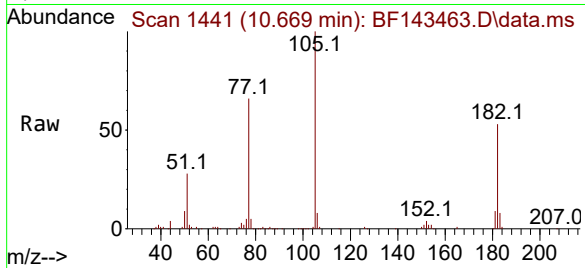




#63
 Azobenzene
 Concen: 2.351 ng
 RT: 10.669 min Scan# 1440
 Delta R.T. 0.006 min
 Lab File: BF143463.D
 Acq: 19 Aug 2025 18:26

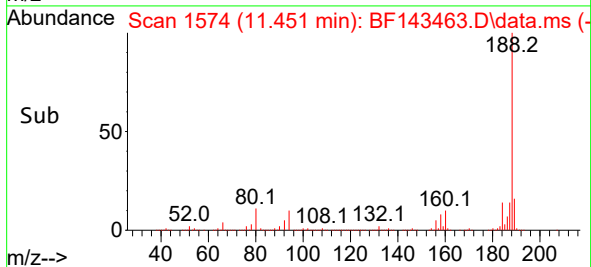
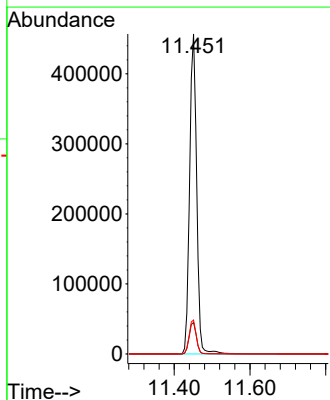
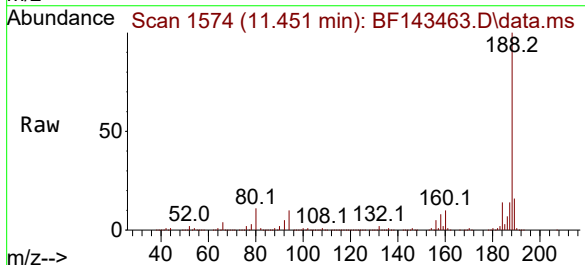
Instrument :
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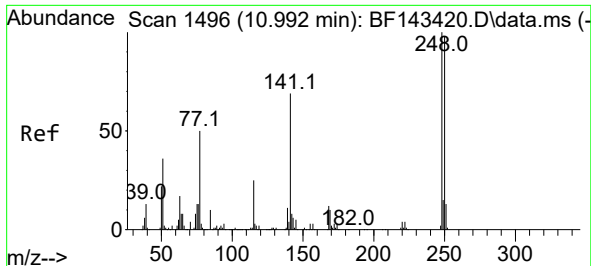
Tgt Ion: 77	Resp: 46903
Ion Ratio	Lower Upper
77 100	
182 81.2	7.4 47.4#
105 152.3	1.7 41.7#
51 43.3	12.4 52.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.451 min Scan# 1574
 Delta R.T. -0.000 min
 Lab File: BF143463.D
 Acq: 19 Aug 2025 18:26

Tgt Ion: 188	Resp: 587762
Ion Ratio	Lower Upper
188 100	
94 9.9	8.0 12.0
80 10.6	8.6 12.8

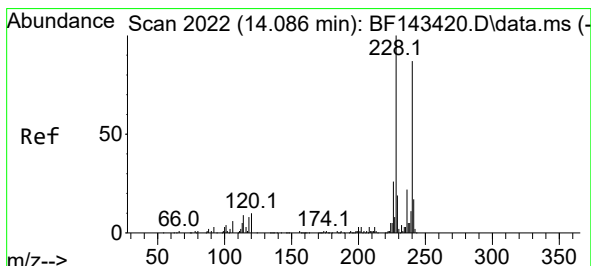
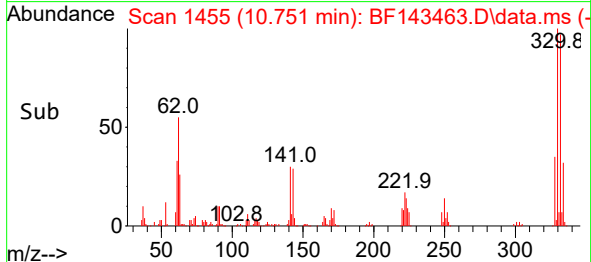
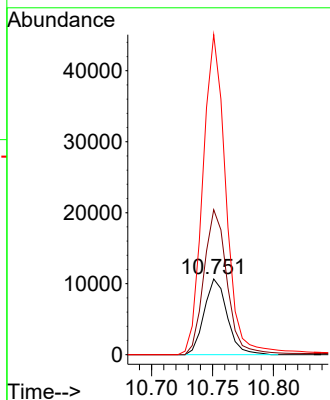
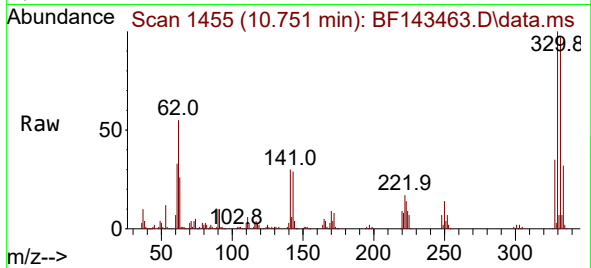




#67
4-Bromophenyl-phenylether
Concen: 2.022 ng
RT: 10.751 min Scan# 1496
Delta R.T. -0.241 min
Lab File: BF143463.D
Acq: 19 Aug 2025 18:26

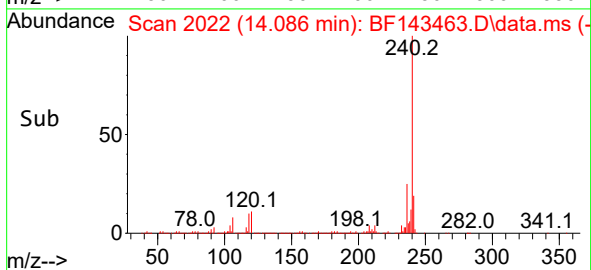
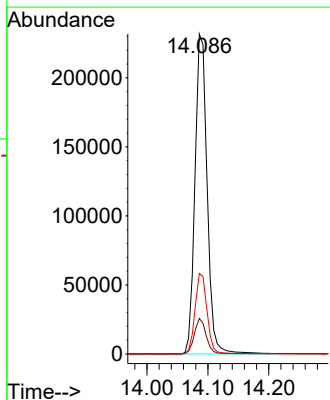
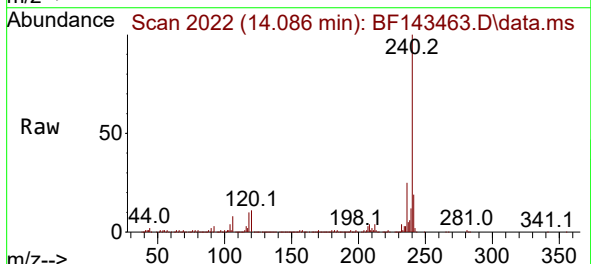
Instrument :
BNA_F
ClientSampleId :
WALL-2

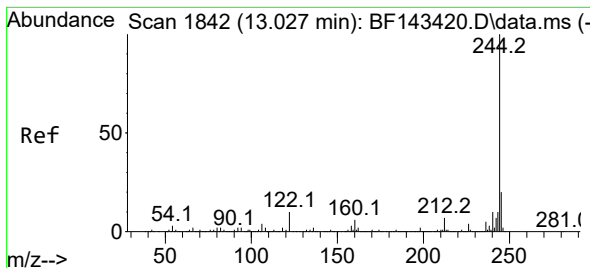
Tgt Ion:248 Resp: 14031
Ion Ratio Lower Upper
248 100
250 191.7 78.6 118.0#
141 422.9 54.9 82.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF143463.D
Acq: 19 Aug 2025 18:26

Tgt Ion:240 Resp: 322302
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.4
236 25.1 20.2 30.2





#79

Terphenyl-d14

Concen: 50.716 ng

RT: 13.027 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF143463.D

Acq: 19 Aug 2025 18:26

Instrument :

BNA_F

ClientSampleId :

WALL-2

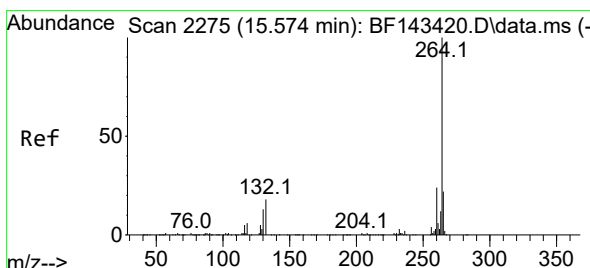
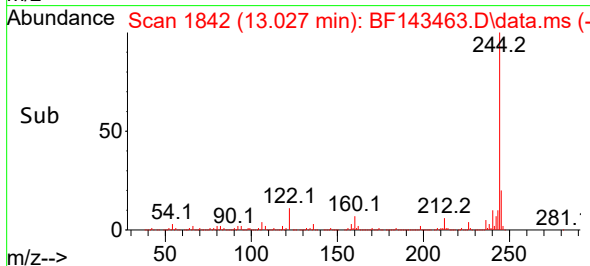
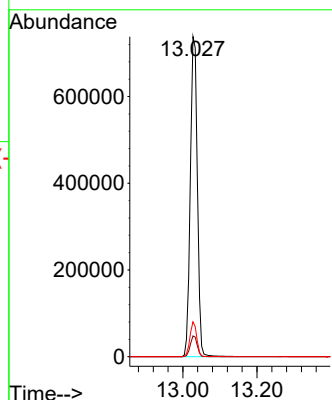
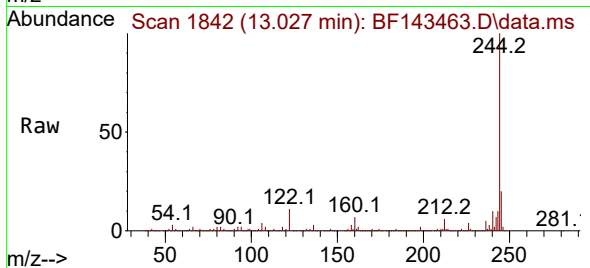
Tgt Ion:244 Resp: 973052

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

122 10.9 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2276

Delta R.T. 0.006 min

Lab File: BF143463.D

Acq: 19 Aug 2025 18:26

Tgt Ion:264 Resp: 298994

Ion Ratio Lower Upper

264 100

260 23.0 18.8 28.2

265 21.0 17.4 26.0

