

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143503.D
 Acq On : 21 Aug 2025 00:29
 Operator : RC/JU
 Sample : Q2900-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MN-9C-081825

Quant Time: Aug 21 02:09:00 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)

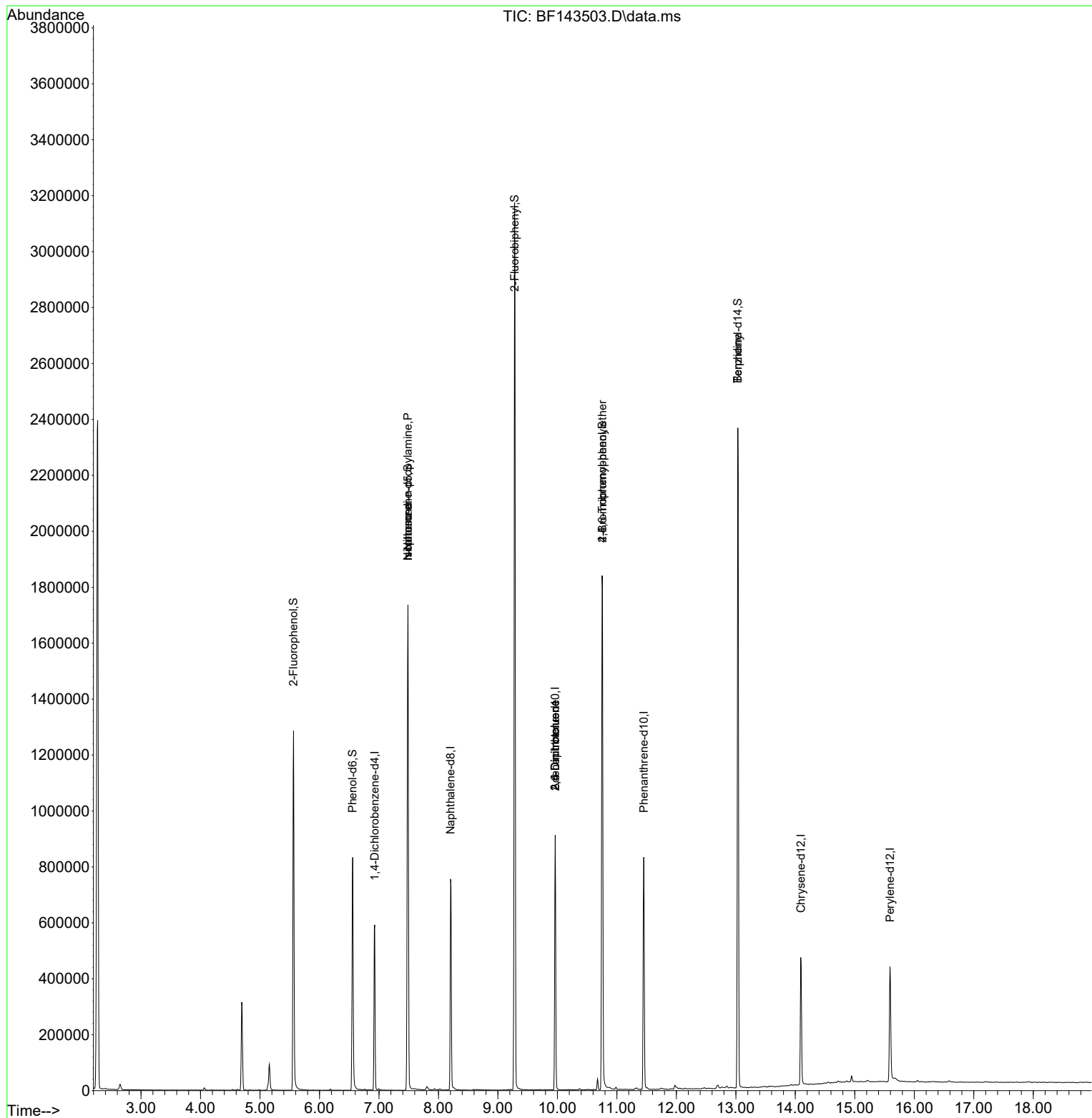
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	128002	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	499284	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	269714	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	422264	20.000	ng	0.00
76) Chrysene-d12	14.092	240	236275	20.000	ng	-0.01
86) Perylene-d12	15.592	264	262288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	476323	64.978	ng	0.00
7) Phenol-d6	6.557	99	388990	42.987	ng	-0.02
23) Nitrobenzene-d5	7.487	82	801302	93.654	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	350300	139.526	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1430709	87.667	ng	0.00
79) Terphenyl-d14	13.033	244	1173538	86.673	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.487	70	108976	19.703	ng	# 78
25) Isophorone	7.487	82	777962	49.602	ng	# 65
51) 2,6-Dinitrotoluene	9.963	165	34271	10.179	ng	# 26
57) 2,4-Dinitrotoluene	9.963	165	34271	7.624	ng	# 26
67) 4-Bromophenyl-phenylether	10.757	248	22835	4.532	ng	# 1
77) Benzidine	13.033	184	14249	2.476	ng	# 95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143503.D
Acq On : 21 Aug 2025 00:29
Operator : RC/JU
Sample : Q2900-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-9C-081825

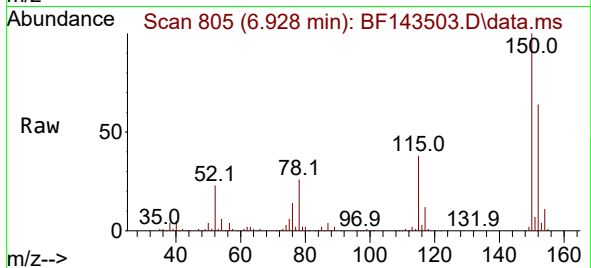
Quant Time: Aug 21 02:09:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration



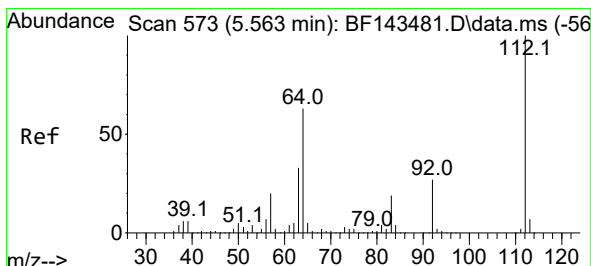
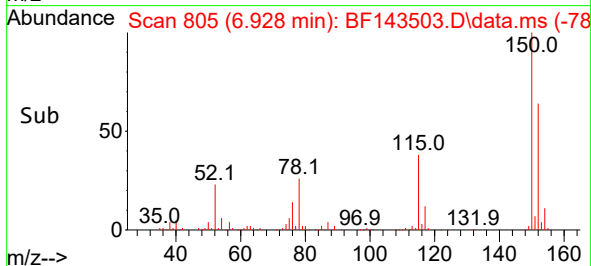
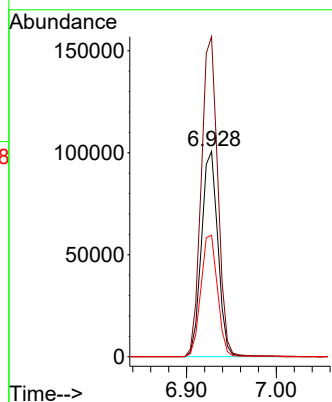


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

Instrument :
BNA_F
ClientSampleId :
MN-9C-081825

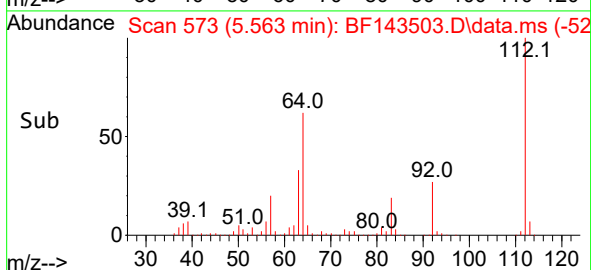
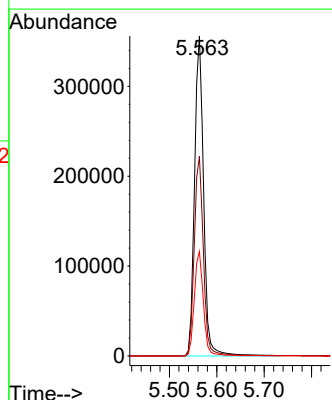
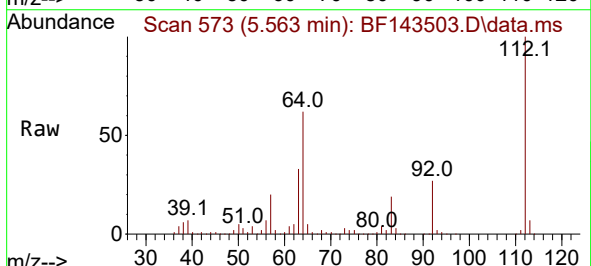


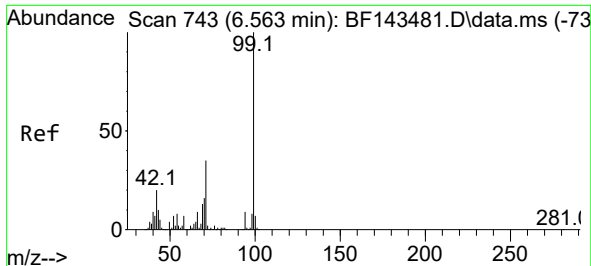
Tgt Ion:152 Resp: 128002
Ion Ratio Lower Upper
152 100
150 155.8 128.9 193.3
115 59.1 49.2 73.8



#5
2-Fluorophenol
Concen: 64.978 ng
RT: 5.563 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

Tgt Ion:112 Resp: 476323
Ion Ratio Lower Upper
112 100
64 62.4 50.4 75.6
63 32.6 26.4 39.6

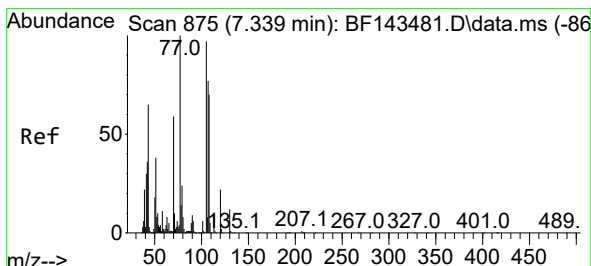
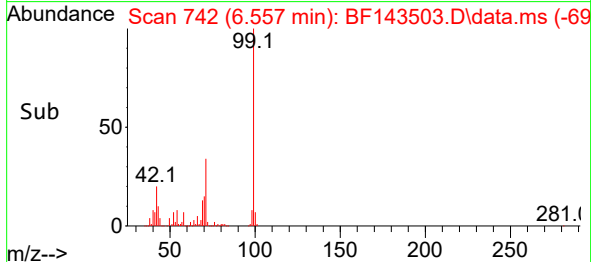
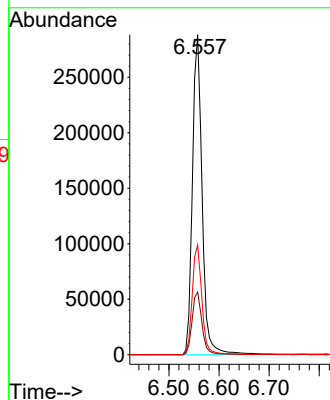
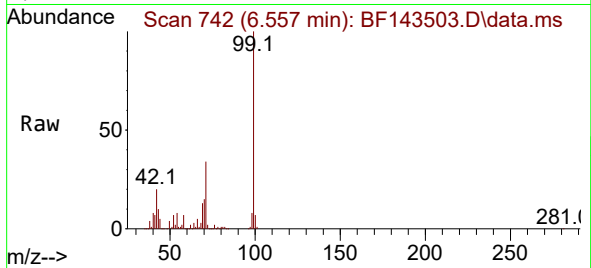




#7
Phenol-d6
Concen: 42.987 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

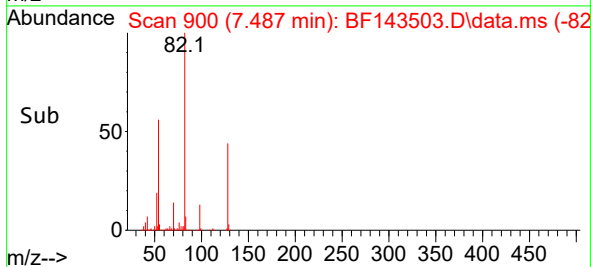
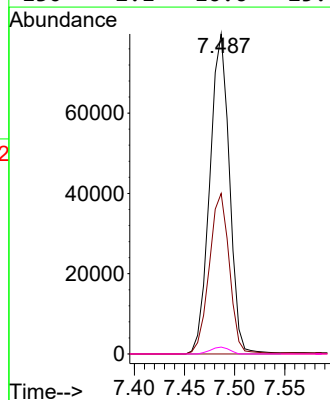
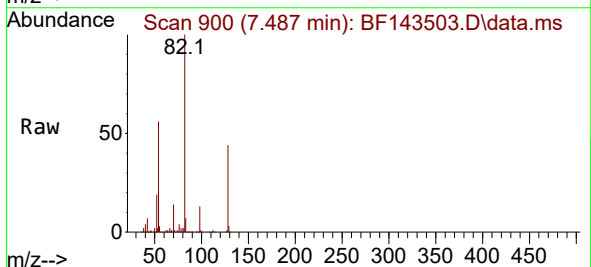
Instrument :
BNA_F
ClientSampleId :
MN-9C-081825

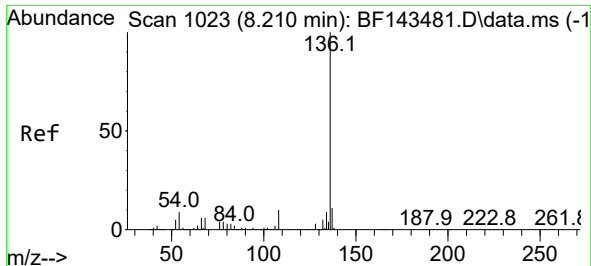
Tgt Ion: 99 Resp: 388990
Ion Ratio Lower Upper
99 100
42 19.6 16.3 24.5
71 34.3 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.703 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.135 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

Tgt Ion: 70 Resp: 108976
Ion Ratio Lower Upper
70 100
42 50.1 49.3 73.9
101 0.0 7.8 11.8#
130 2.1 16.6 25.0#



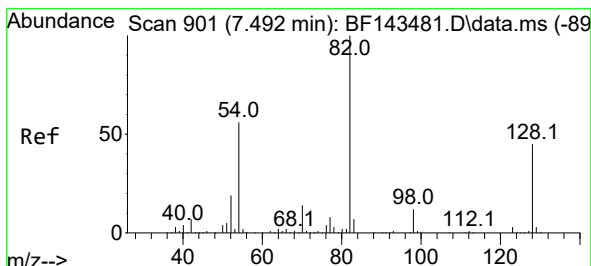
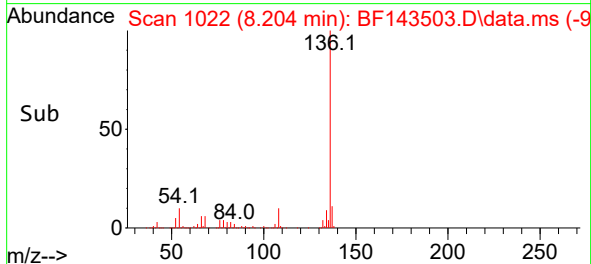
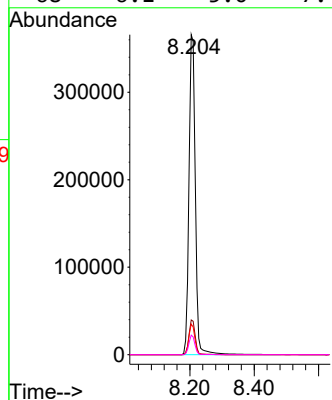
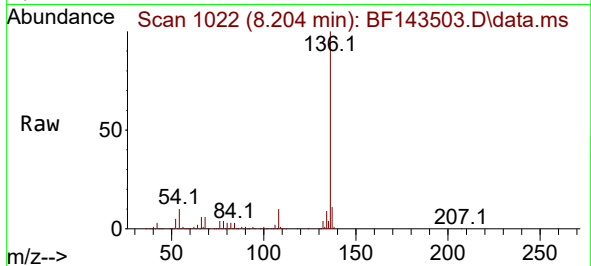


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

Instrument :
BNA_F
ClientSampleId :
MN-9C-081825

Tgt Ion:136 Resp: 499284

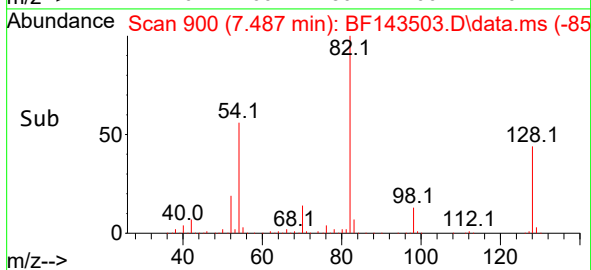
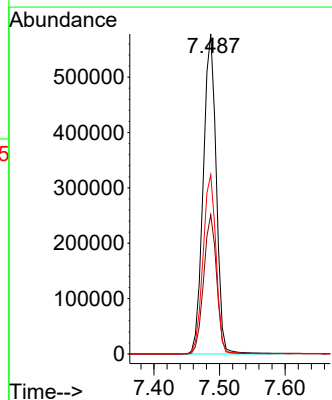
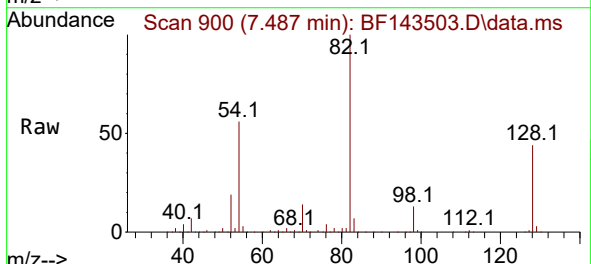
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	9.5	7.4	11.2
68	6.1	5.0	7.4

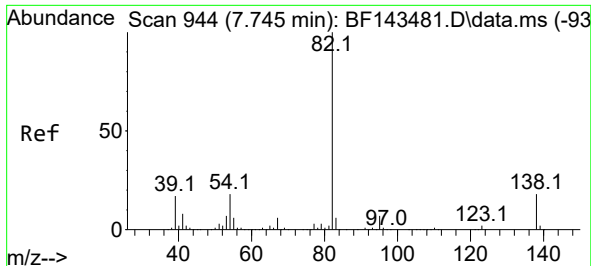


#23
Nitrobenzene-d5
Concen: 93.654 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

Tgt Ion: 82 Resp: 801302

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.5	53.3
54	56.0	44.3	66.5

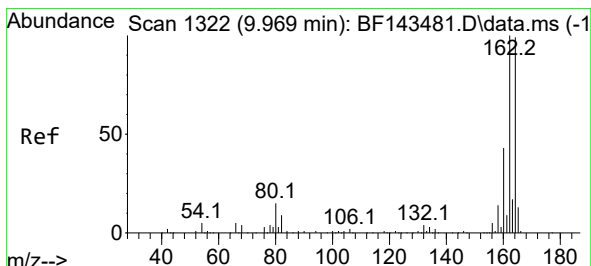
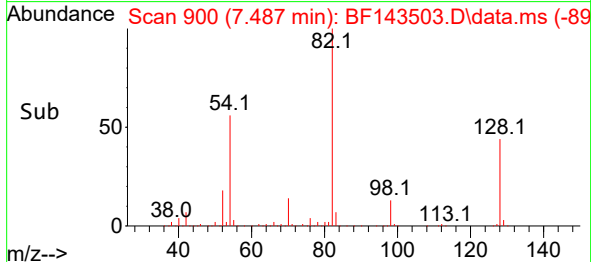
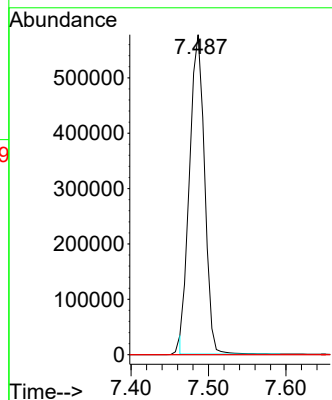
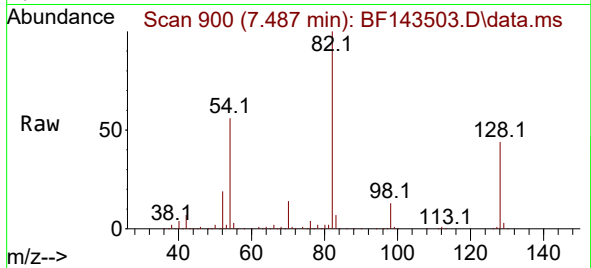




#25
Isophorone
Concen: 49.602 ng
RT: 7.487 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

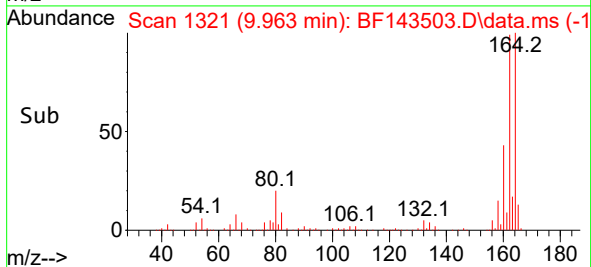
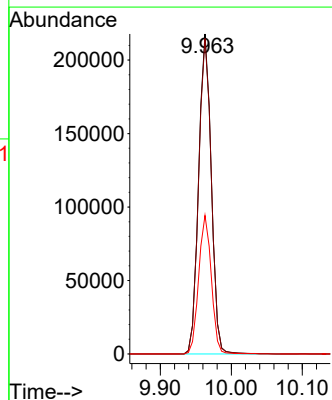
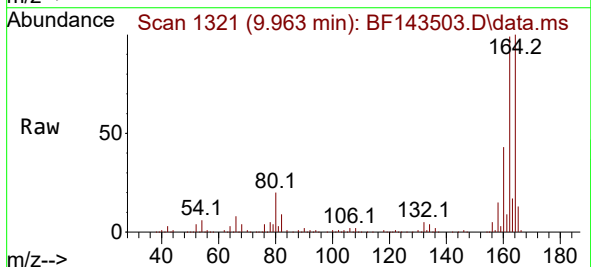
Instrument :
BNA_F
ClientSampleId :
MN-9C-081825

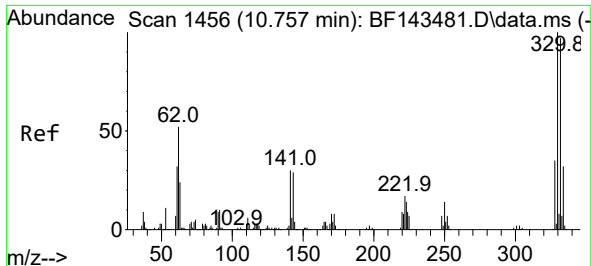
Tgt Ion: 82 Resp: 777962
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 14.2 21.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

Tgt Ion:164 Resp: 269714
Ion Ratio Lower Upper
164 100
162 98.6 80.5 120.7
160 43.3 34.3 51.5

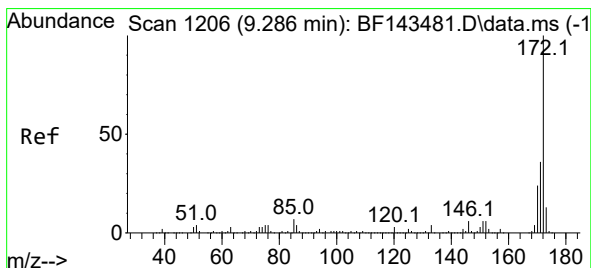
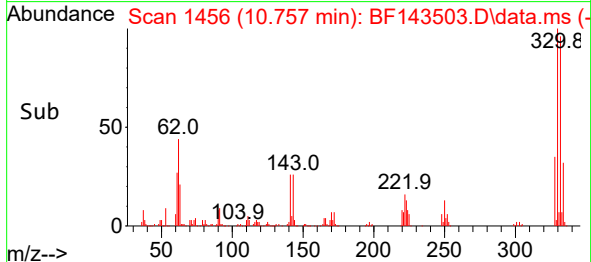
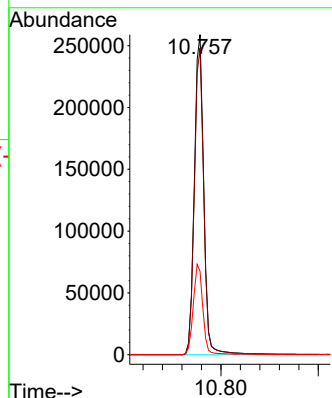
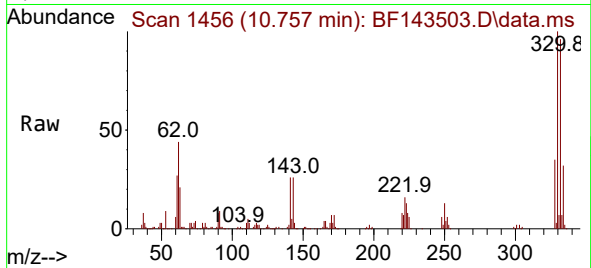




#42
2,4,6-Tribromophenol
Concen: 139.526 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

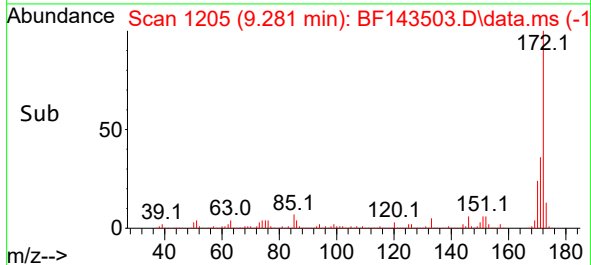
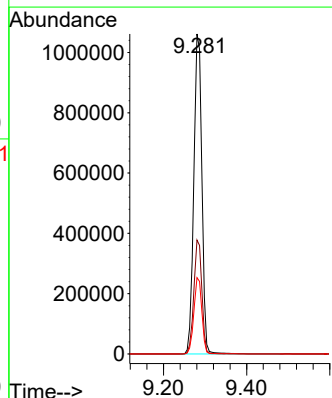
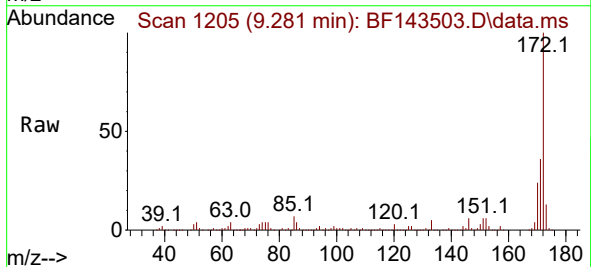
Instrument :
BNA_F
ClientSampleId :
MN-9C-081825

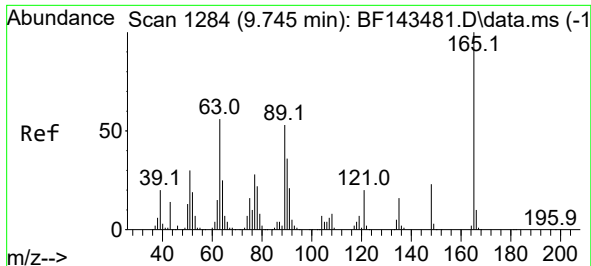
Tgt Ion: 330 Resp: 350300
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 28.9 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 87.667 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

Tgt Ion: 172 Resp: 1430709
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.9 18.8 28.2

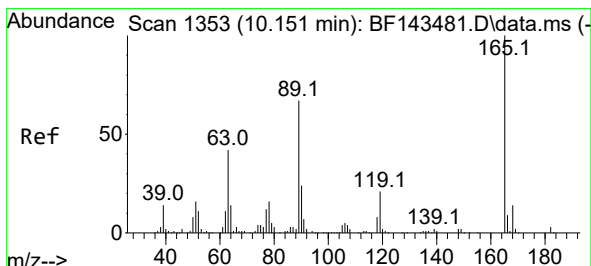
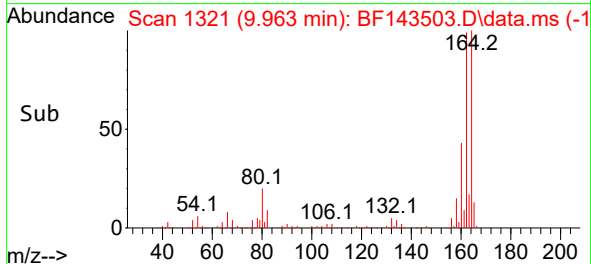
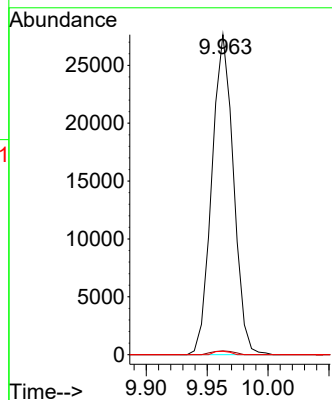
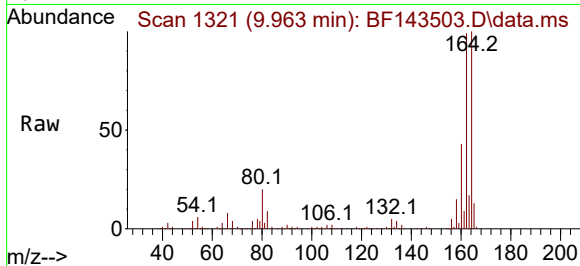




#51
2,6-Dinitrotoluene
Concen: 10.179 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

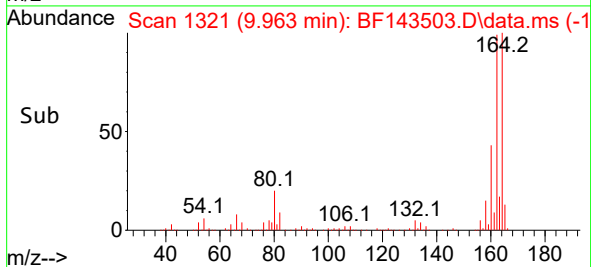
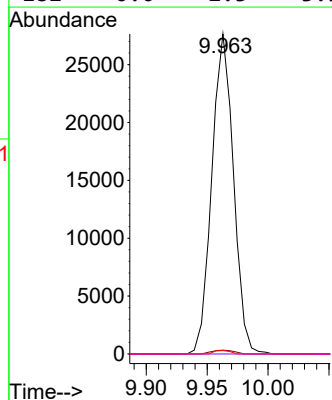
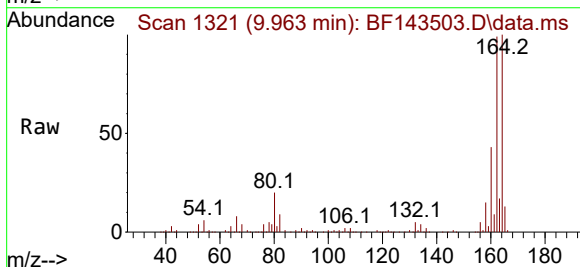
Instrument :
BNA_F
ClientSampleId :
MN-9C-081825

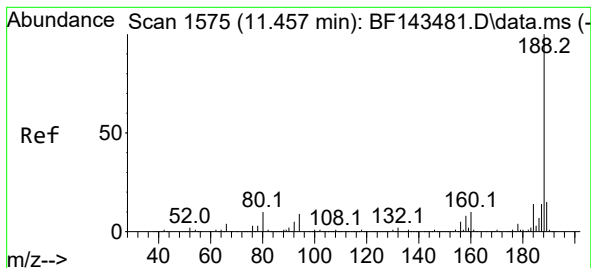
Tgt Ion:165 Resp: 34271
Ion Ratio Lower Upper
165 100
63 1.2 45.0 67.6#
89 1.1 42.5 63.7#



#57
2,4-Dinitrotoluene
Concen: 7.624 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

Tgt Ion:165 Resp: 34271
Ion Ratio Lower Upper
165 100
63 1.2 34.9 52.3#
89 1.1 53.3 79.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143503.D

Acq: 21 Aug 2025 00:29

Instrument :

BNA_F

ClientSampleId :

MN-9C-081825

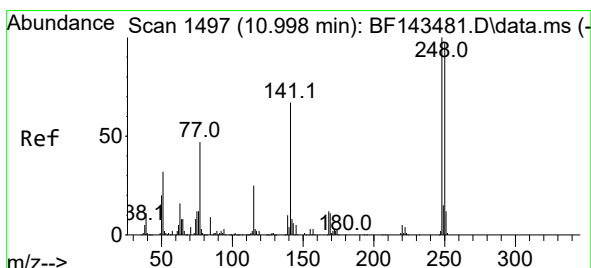
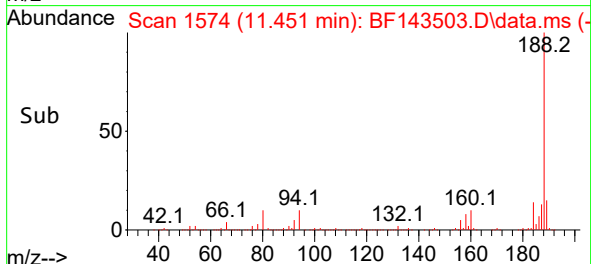
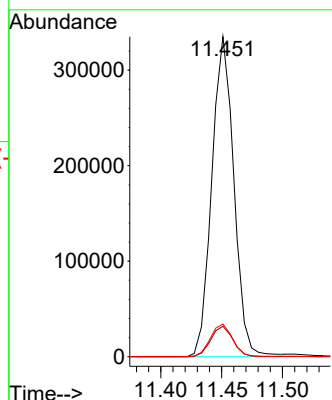
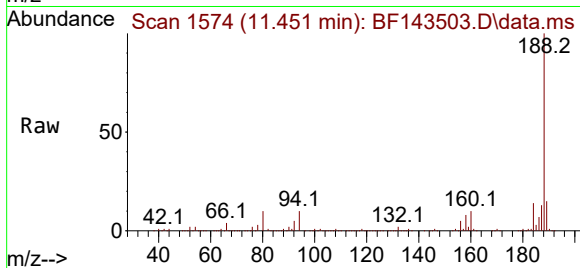
Tgt Ion:188 Resp: 422264

Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

80 10.2 8.2 12.4



#67

4-Bromophenyl-phenylether

Concen: 4.532 ng

RT: 10.757 min Scan# 1456

Delta R.T. -0.241 min

Lab File: BF143503.D

Acq: 21 Aug 2025 00:29

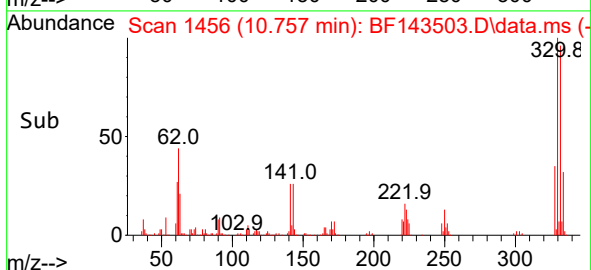
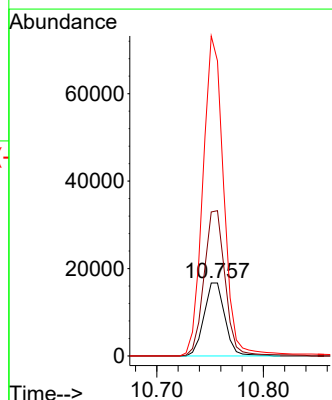
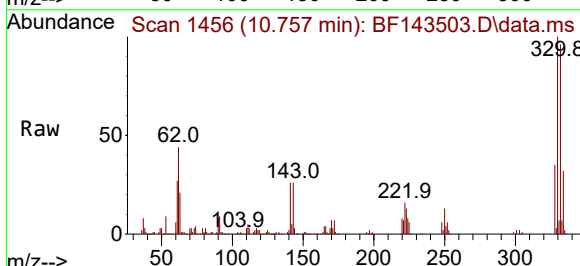
Tgt Ion:248 Resp: 22835

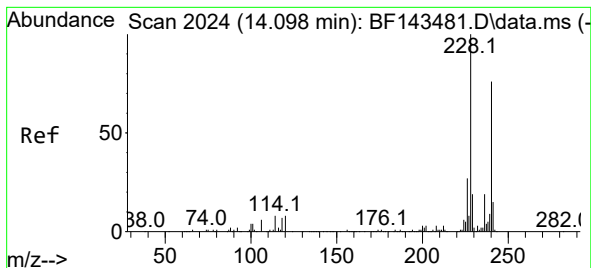
Ion Ratio Lower Upper

248 100

250 199.0 77.8 116.8#

141 404.1 54.0 81.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF143503.D

Acq: 21 Aug 2025 00:29

Instrument :

BNA_F

ClientSampleId :

MN-9C-081825

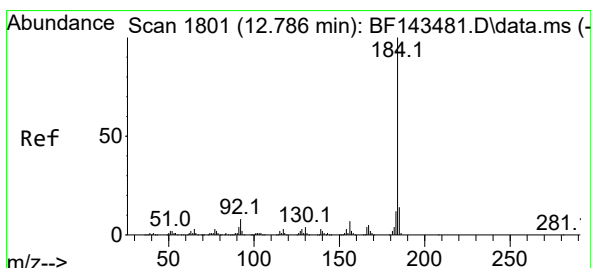
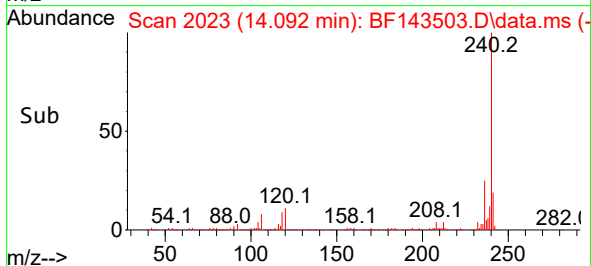
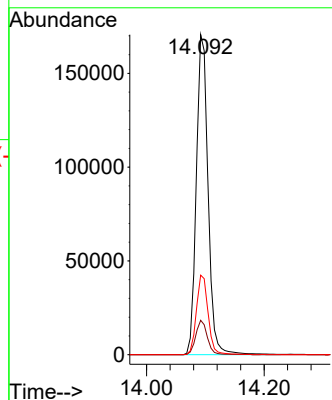
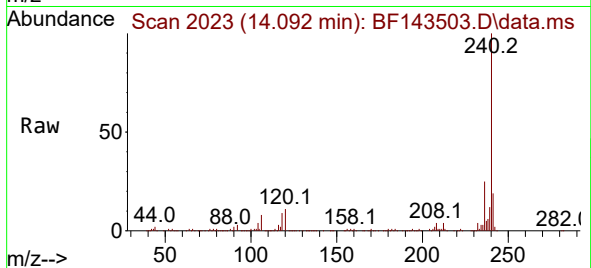
Tgt Ion:240 Resp: 236275

Ion Ratio Lower Upper

240 100

120 10.8 8.6 12.8

236 24.8 20.4 30.6



#77

Benidine

Concen: 2.476 ng

RT: 13.033 min Scan# 1843

Delta R.T. 0.247 min

Lab File: BF143503.D

Acq: 21 Aug 2025 00:29

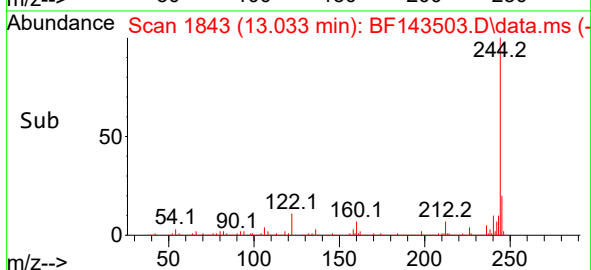
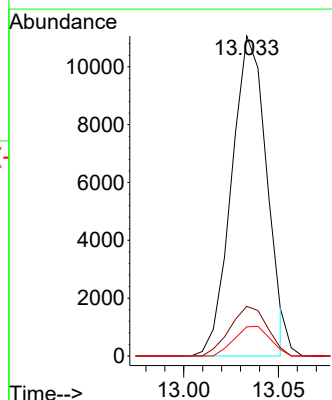
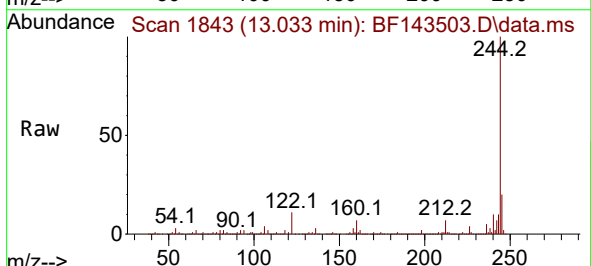
Tgt Ion:184 Resp: 14249

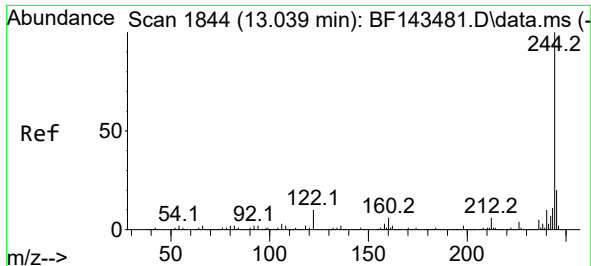
Ion Ratio Lower Upper

184 100

185 15.5 11.3 16.9

183 9.1 9.5 14.3#

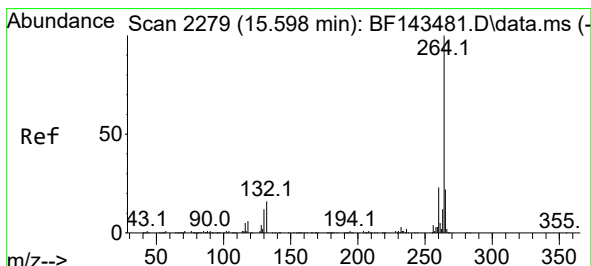
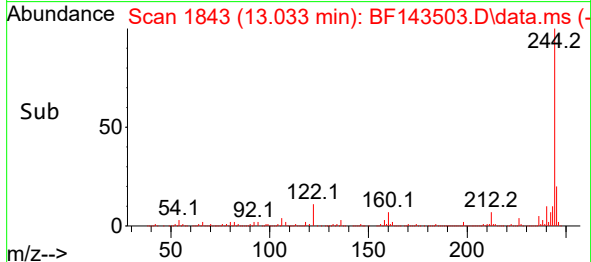
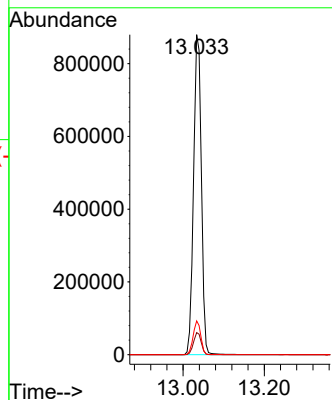
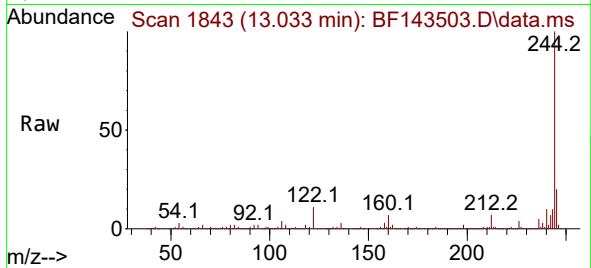




#79
 Terphenyl-d14
 Concen: 86.673 ng
 RT: 13.033 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF143503.D
 Acq: 21 Aug 2025 00:29

Instrument :
 BNA_F
 ClientSampleId :
 MN-9C-081825

Tgt Ion:244 Resp: 1173538
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.2 7.8
 122 10.6 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: BF143503.D
 Acq: 21 Aug 2025 00:29

Tgt Ion:264 Resp: 262288
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 20.9 17.6 26.4

