

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
 Data File : BF143468.D
 Acq On : 19 Aug 2025 21:50
 Operator : RC/JU
 Sample : PB169312BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169312BL

Quant Time: Aug 20 01:14:31 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)

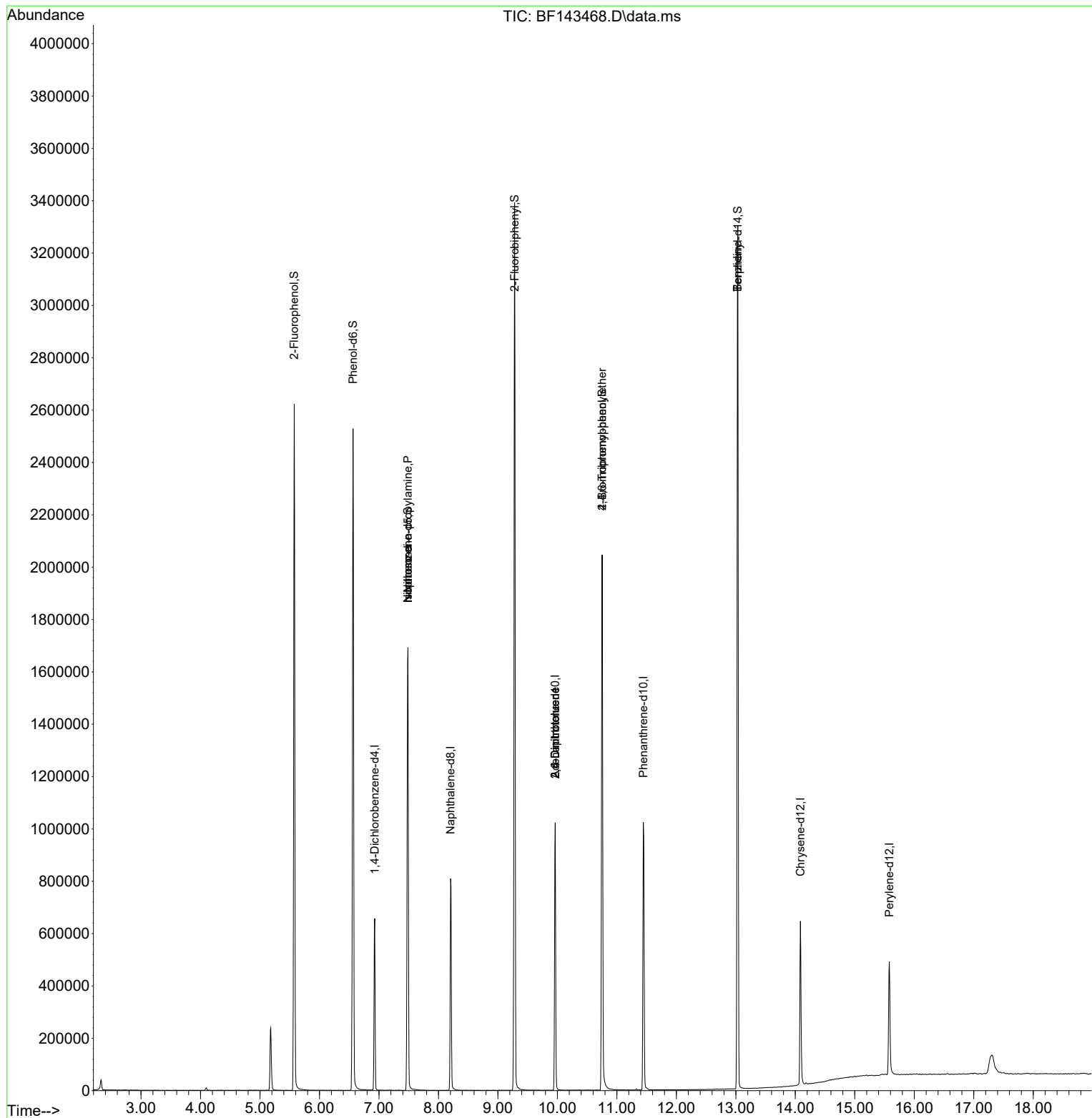
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	139130	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	543396	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	317480	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	553533	20.000	ng	0.00
76) Chrysene-d12	14.086	240	322556	20.000	ng	0.00
86) Perylene-d12	15.580	264	284412	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	961417	120.122	ng	0.02
7) Phenol-d6	6.563	99	1218650	120.820	ng	0.00
23) Nitrobenzene-d5	7.487	82	806322	88.050	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	387554	137.148	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1561611	82.733	ng	0.00
79) Terphenyl-d14	13.033	244	1729239	90.058	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.487	70	110148	17.640	ng	# 76
25) Isophorone	7.487	82	800030	45.646	ng	# 65
51) 2,6-Dinitrotoluene	9.963	165	39855	10.214	ng	# 24
57) 2,4-Dinitrotoluene	9.963	165	39855	7.661	ng	# 24
67) 4-Bromophenyl-phenylether	10.751	248	25359	3.880	ng	# 1
77) Benzidine	13.027	184	19948	2.071	ng	# 94

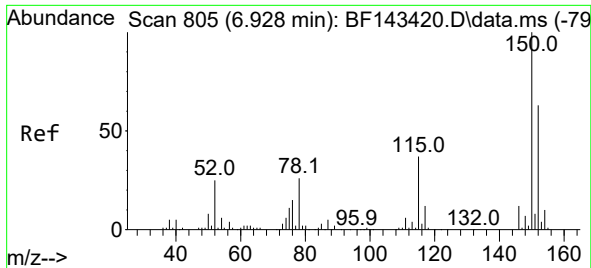
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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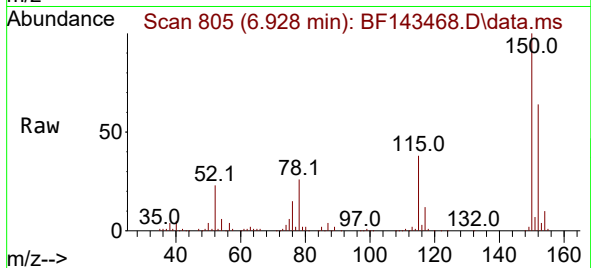
Quant Time: Aug 20 01:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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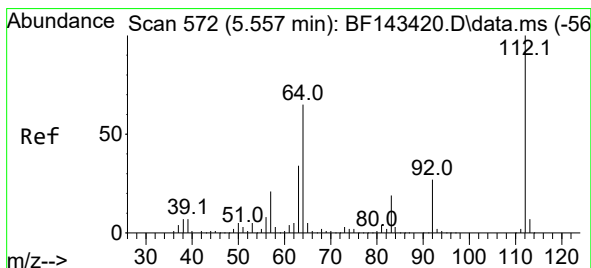
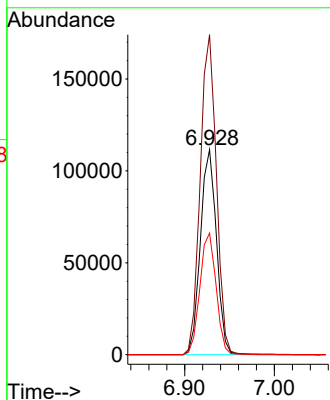
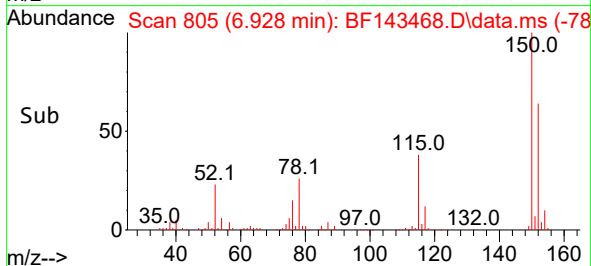


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143468.D
Acq: 19 Aug 2025 21:50

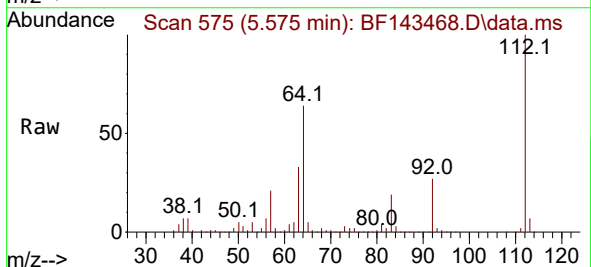
Instrument :
BNA_F
ClientSampleId :
PB169312BL



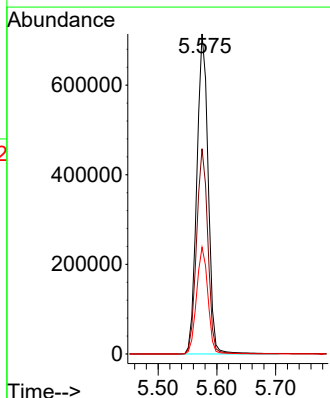
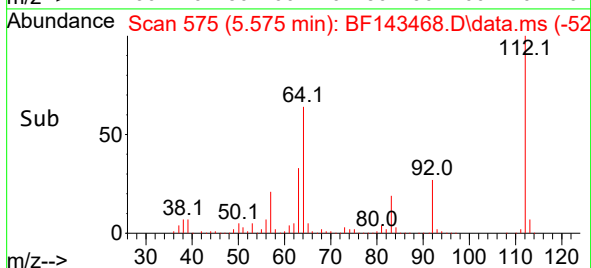
Tgt Ion:152 Resp: 139130
Ion Ratio Lower Upper
152 100
150 156.1 127.4 191.2
115 59.4 47.5 71.3

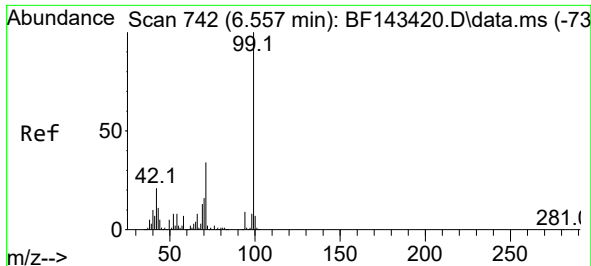


#5
2-Fluorophenol
Concen: 120.122 ng
RT: 5.575 min Scan# 575
Delta R.T. 0.017 min
Lab File: BF143468.D
Acq: 19 Aug 2025 21:50



Tgt Ion:112 Resp: 961417
Ion Ratio Lower Upper
112 100
64 64.2 52.2 78.2
63 33.4 27.0 40.6

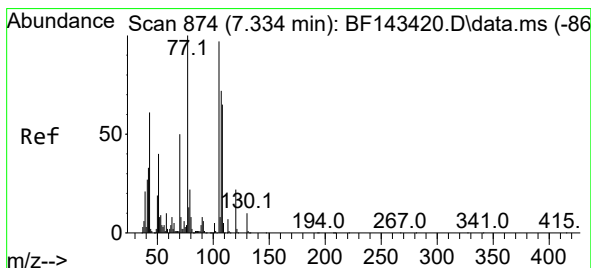
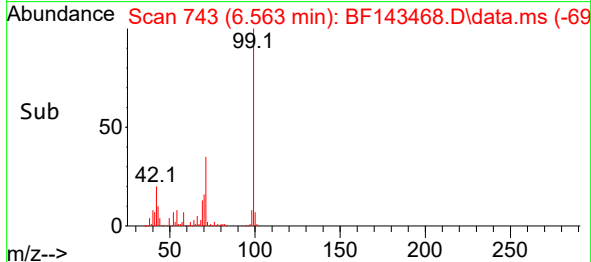
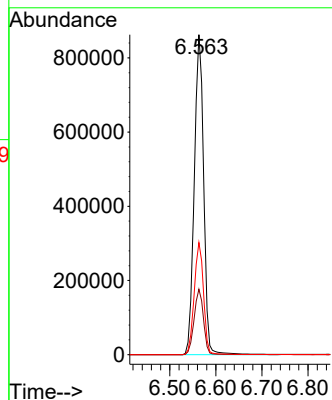
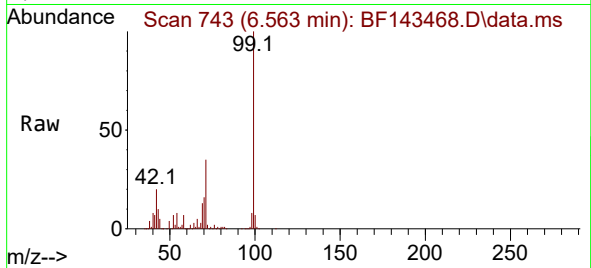




#7
Phenol-d6
Concen: 120.820 ng
RT: 6.563 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF143468.D
Acq: 19 Aug 2025 21:50

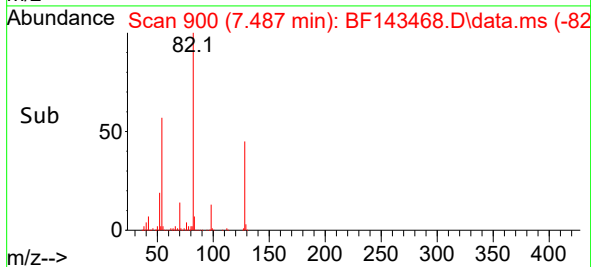
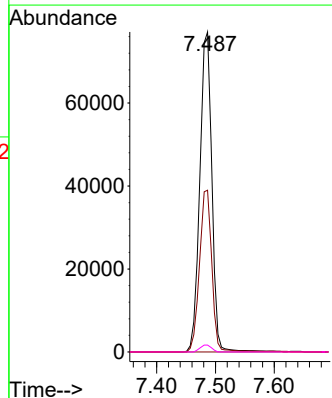
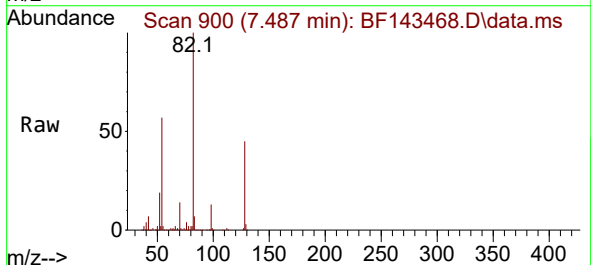
Instrument :
BNA_F
ClientSampleId :
PB169312BL

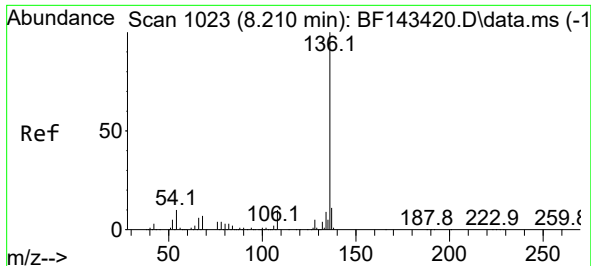
Tgt Ion: 99 Resp: 1218650
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 35.1 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.640 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.153 min
Lab File: BF143468.D
Acq: 19 Aug 2025 21:50

Tgt Ion: 70 Resp: 110148
Ion Ratio Lower Upper
70 100
42 50.6 52.5 78.7#
101 0.0 7.9 11.9#
130 2.1 16.0 24.0#



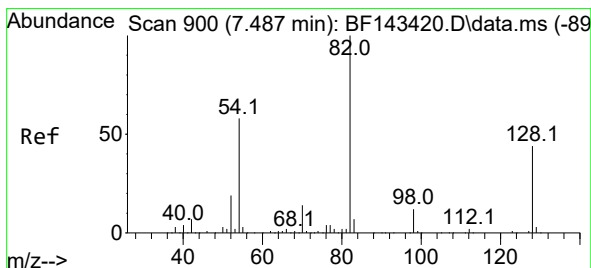
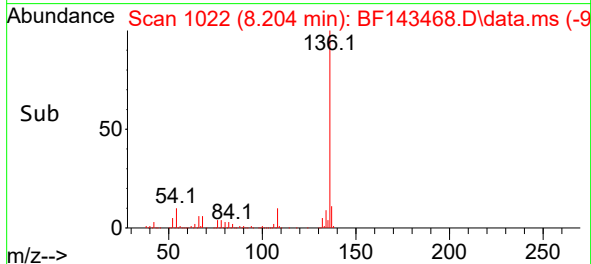
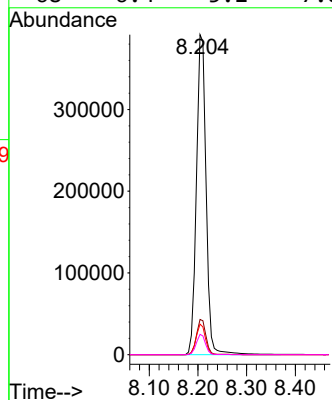
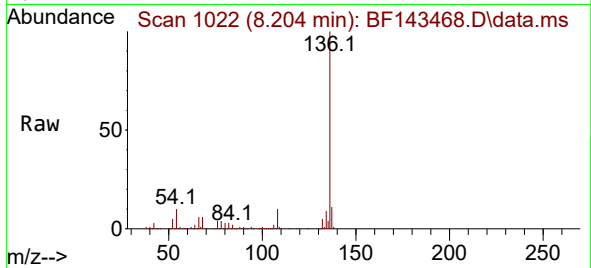


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143468.D
Acq: 19 Aug 2025 21:50

Instrument :
BNA_F
ClientSampleId :
PB169312BL

Tgt Ion:136 Resp: 543396

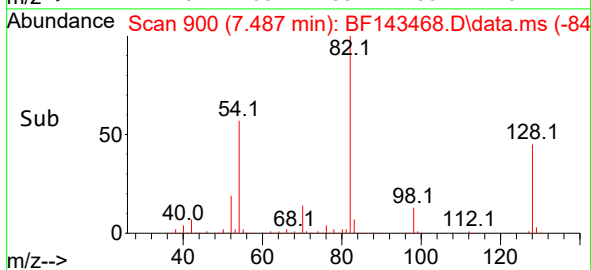
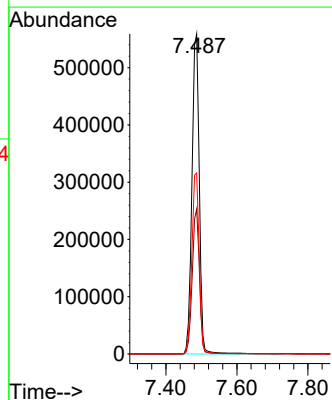
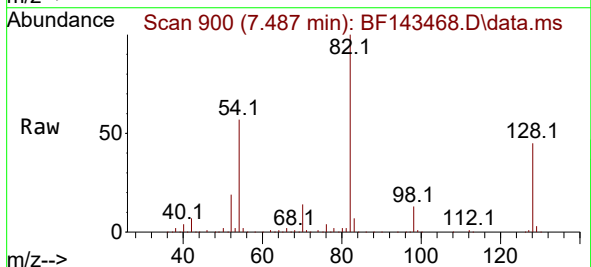
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.5	7.8	11.8
68	6.4	5.2	7.8

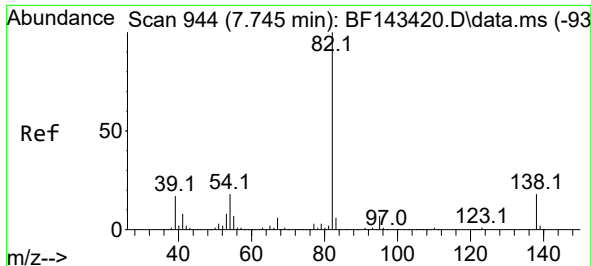


#23
Nitrobenzene-d5
Concen: 88.050 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF143468.D
Acq: 19 Aug 2025 21:50

Tgt Ion: 82 Resp: 806322

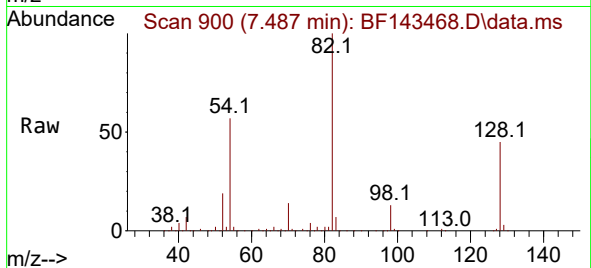
Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.6	52.0
54	56.5	46.0	69.0



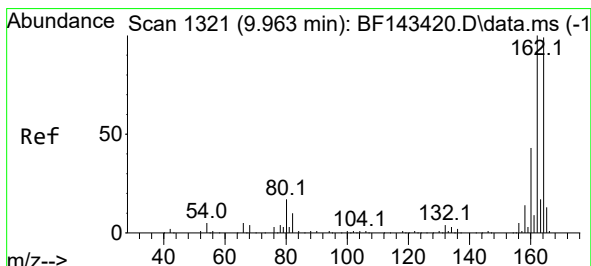
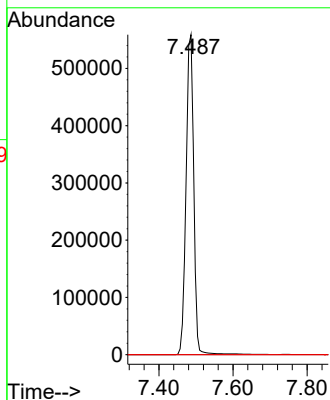
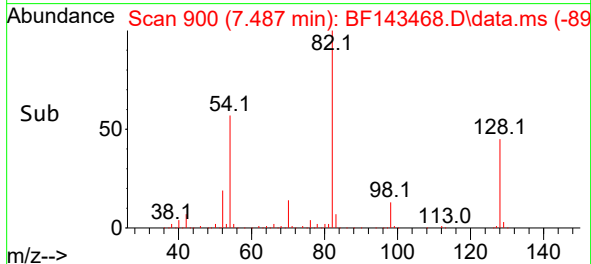


#25
Isophorone
Concen: 45.646 ng
RT: 7.487 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF143468.D
Acq: 19 Aug 2025 21:50

Instrument :
BNA_F
ClientSampleId :
PB169312BL

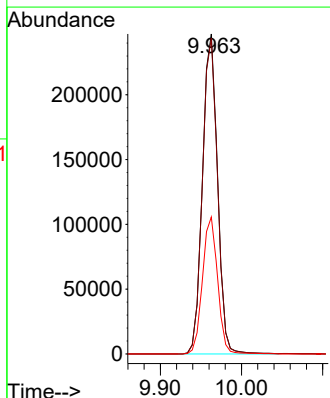
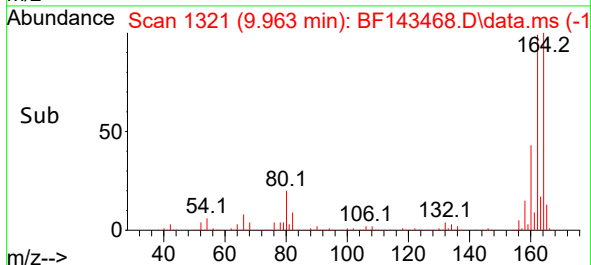
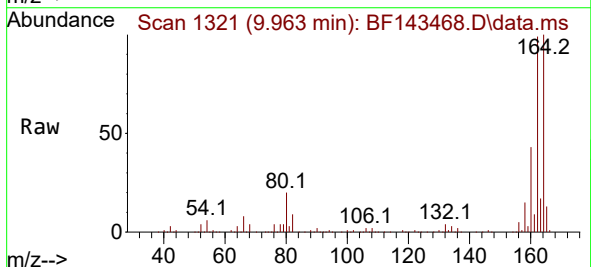


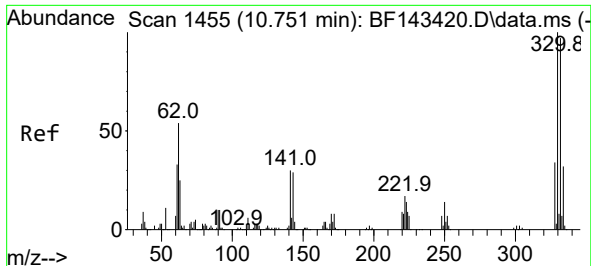
Tgt Ion: 82 Resp: 800030
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.3 21.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF143468.D
Acq: 19 Aug 2025 21:50

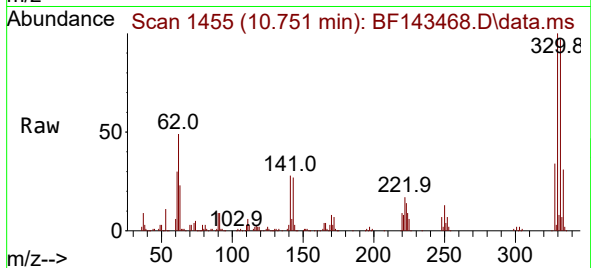
Tgt Ion:164 Resp: 317480
Ion Ratio Lower Upper
164 100
162 98.7 80.6 121.0
160 42.8 34.6 51.8



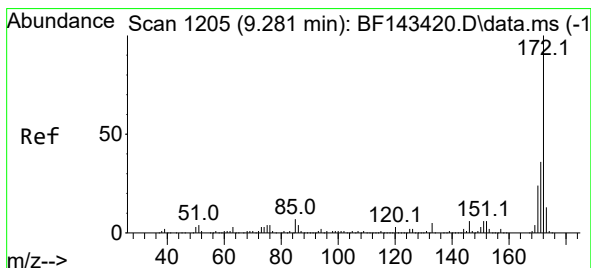
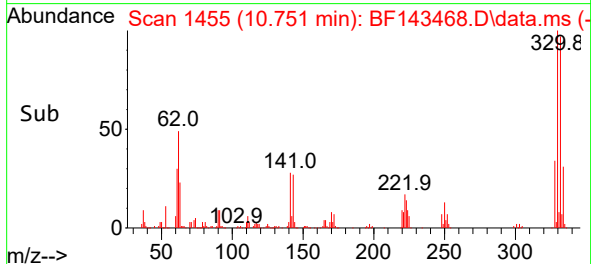
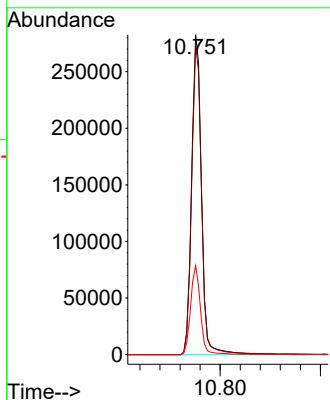


#42
2,4,6-Tribromophenol
Concen: 137.148 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF143468.D
Acq: 19 Aug 2025 21:50

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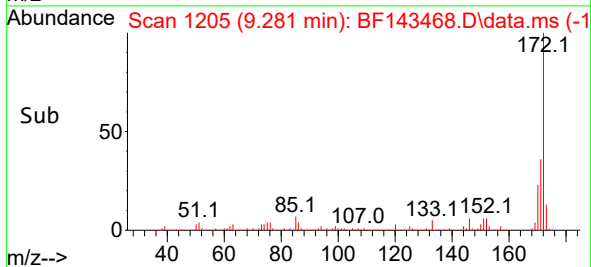
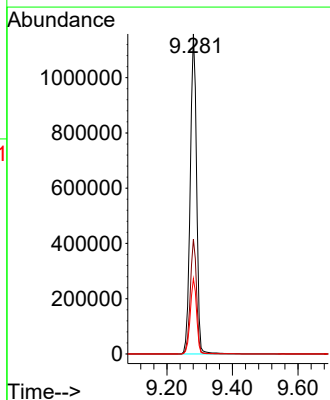
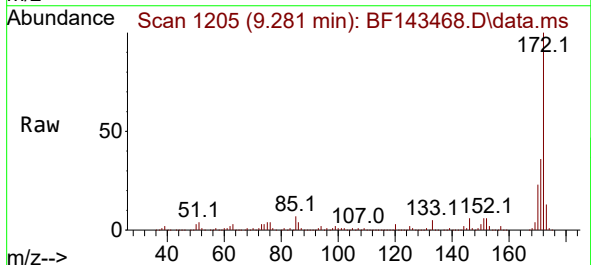


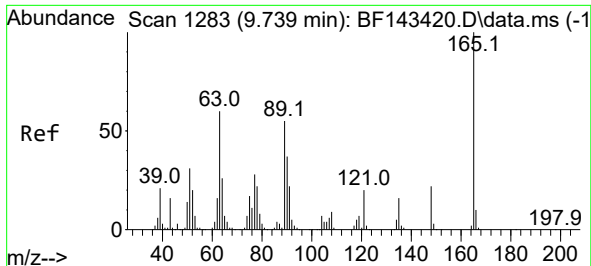
Tgt Ion:330 Resp: 387554
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 28.0 24.1 36.1



#45
2-Fluorobiphenyl
Concen: 82.733 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF143468.D
Acq: 19 Aug 2025 21:50

Tgt Ion:172 Resp: 1561611
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.5 19.0 28.6

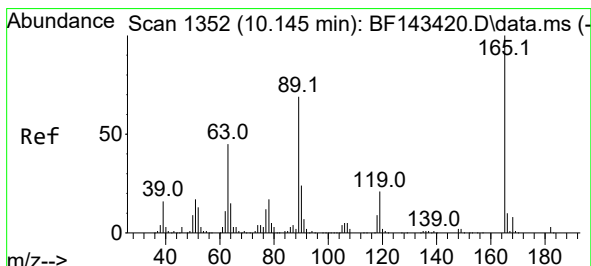
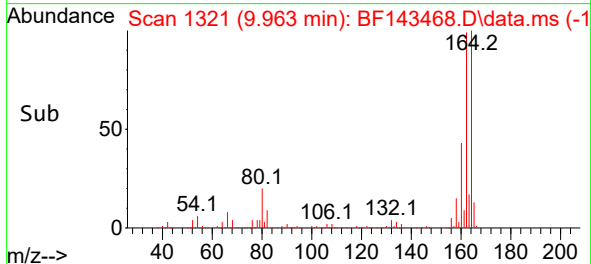
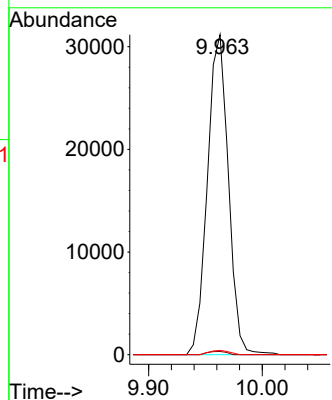
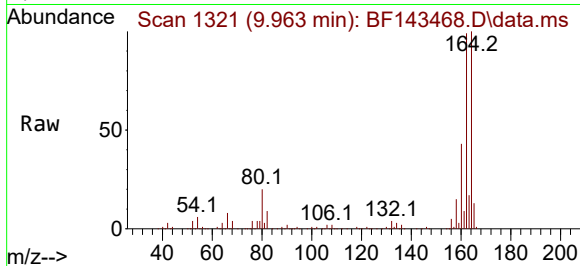




#51
2,6-Dinitrotoluene
Concen: 10.214 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.223 min
Lab File: BF143468.D
Acq: 19 Aug 2025 21:50

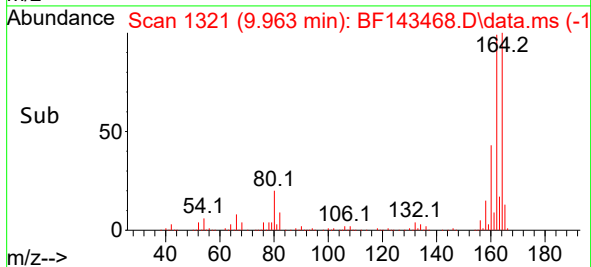
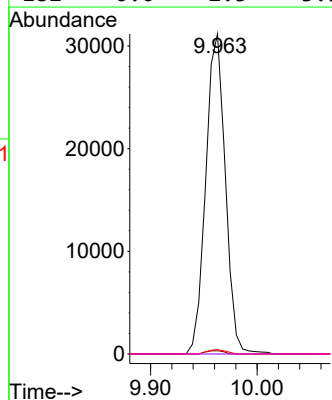
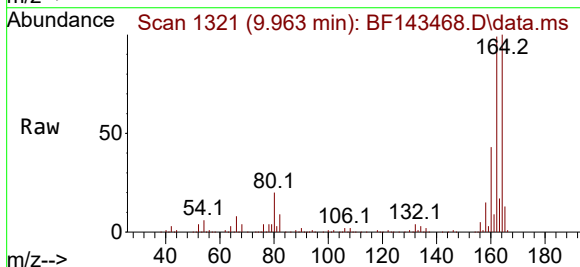
Instrument :
BNA_F
ClientSampleId :
PB169312BL

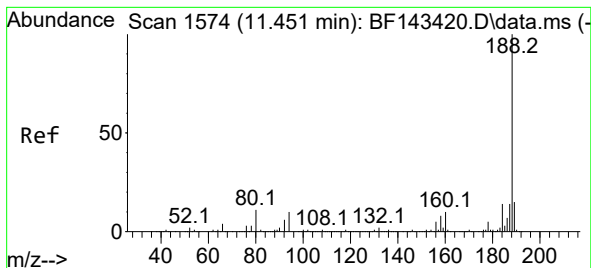
Tgt Ion:165 Resp: 39855
Ion Ratio Lower Upper
165 100
63 1.0 48.2 72.2#
89 1.3 44.2 66.2#



#57
2,4-Dinitrotoluene
Concen: 7.661 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.182 min
Lab File: BF143468.D
Acq: 19 Aug 2025 21:50

Tgt Ion:165 Resp: 39855
Ion Ratio Lower Upper
165 100
63 1.0 37.0 55.6#
89 1.3 55.4 83.0#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.445 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143468.D

Acq: 19 Aug 2025 21:50

Instrument :

BNA_F

ClientSampleId :

PB169312BL

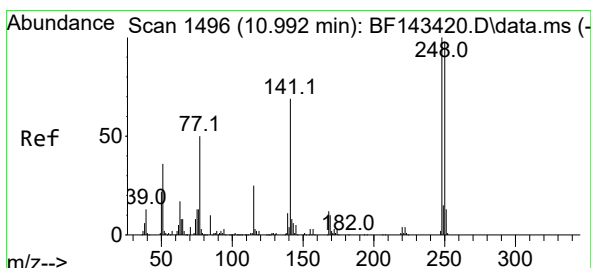
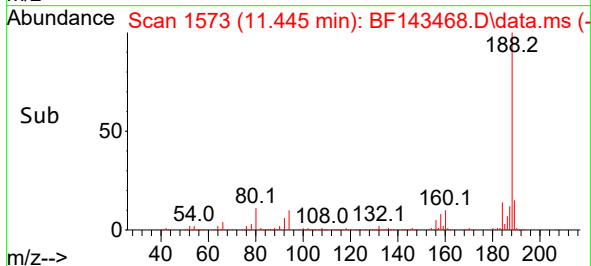
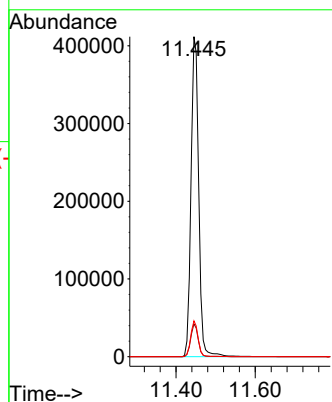
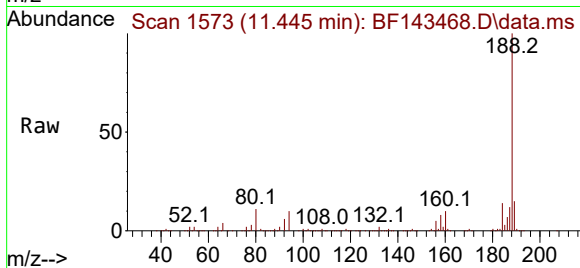
Tgt Ion:188 Resp: 553533

Ion Ratio Lower Upper

188 100

94 10.2 8.0 12.0

80 11.2 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 3.880 ng

RT: 10.751 min Scan# 1455

Delta R.T. -0.241 min

Lab File: BF143468.D

Acq: 19 Aug 2025 21:50

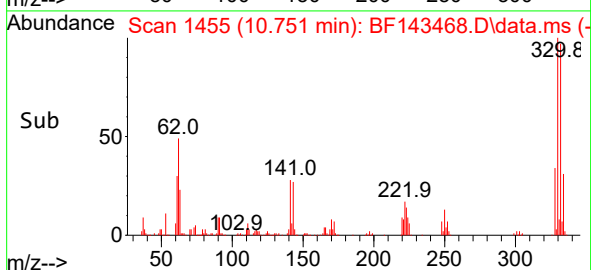
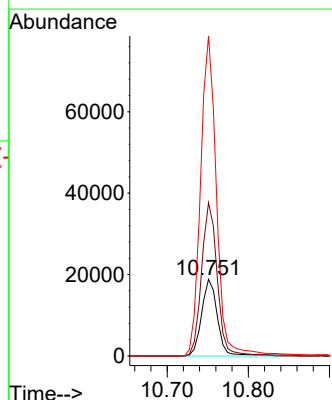
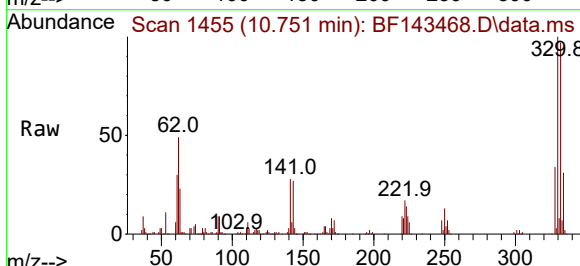
Tgt Ion:248 Resp: 25359

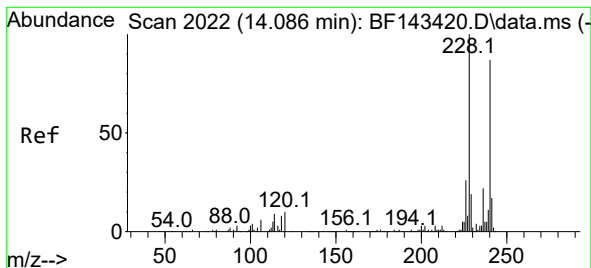
Ion Ratio Lower Upper

248 100

250 200.0 78.6 118.0#

141 417.6 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: BF143468.D

Acq: 19 Aug 2025 21:50

Instrument :

BNA_F

ClientSampleId :

PB169312BL

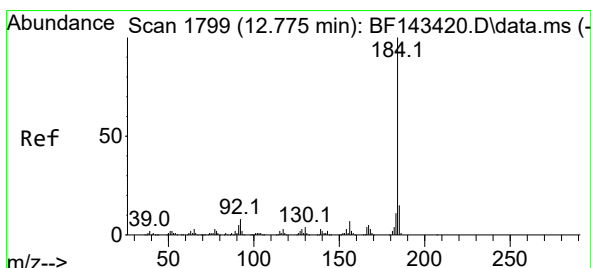
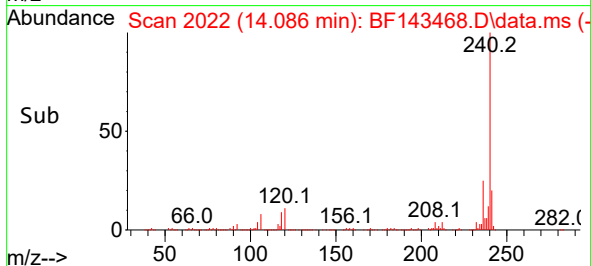
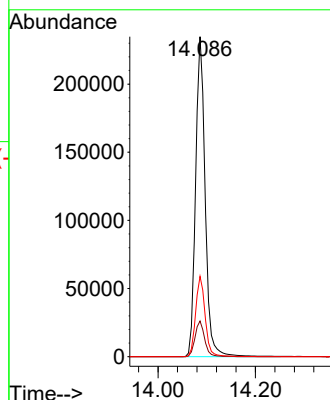
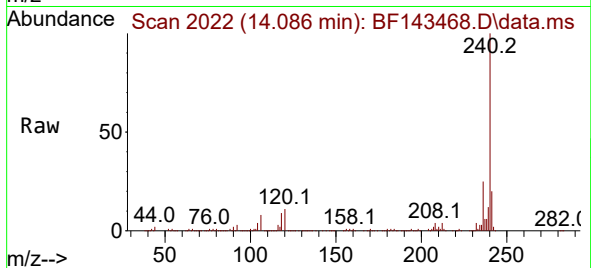
Tgt Ion:240 Resp: 322556

Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.4

236 25.1 20.2 30.2



#77

Benidine

Concen: 2.071 ng

RT: 13.027 min Scan# 1842

Delta R.T. 0.252 min

Lab File: BF143468.D

Acq: 19 Aug 2025 21:50

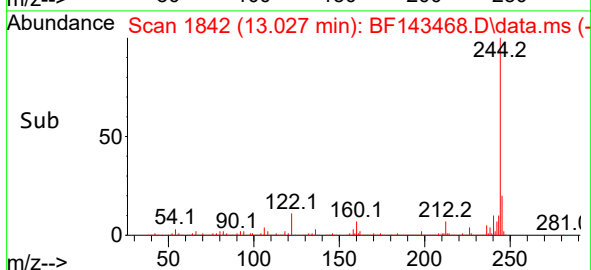
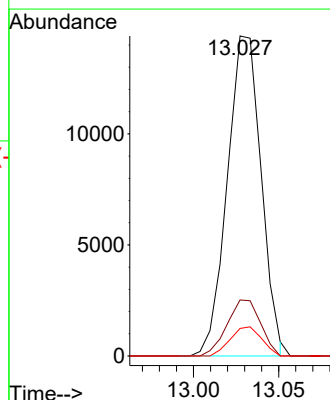
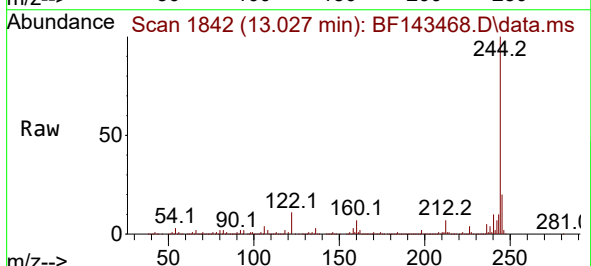
Tgt Ion:184 Resp: 19948

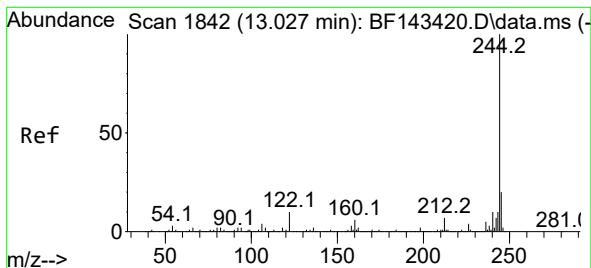
Ion Ratio Lower Upper

184 100

185 17.5 12.2 18.2

183 8.6 9.2 13.8#





#79

Terphenyl-d14

Concen: 90.058 ng

RT: 13.033 min Scan# 1843

Delta R.T. 0.006 min

Lab File: BF143468.D

Acq: 19 Aug 2025 21:50

Instrument :

BNA_F

ClientSampleId :

PB169312BL

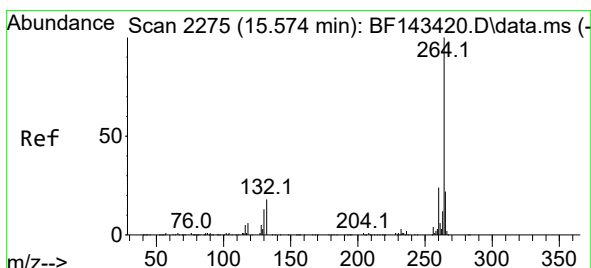
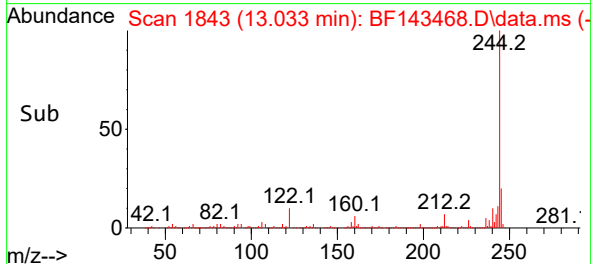
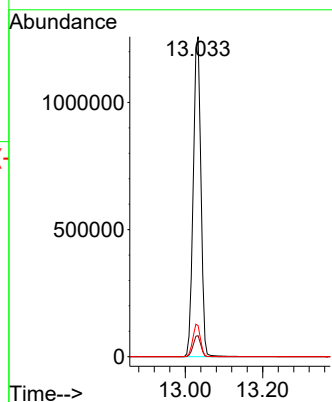
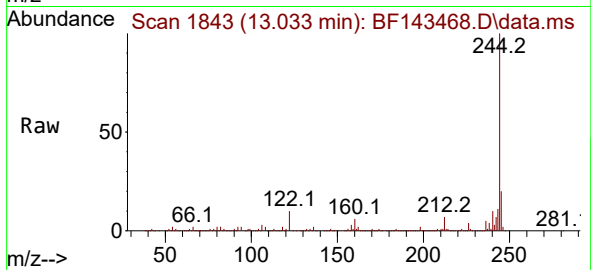
Tgt Ion:244 Resp: 1729239

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 9.7 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: BF143468.D

Acq: 19 Aug 2025 21:50

Tgt Ion:264 Resp: 284412

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.9 17.4 26.0

