

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
 Data File : BF143433.D
 Acq On : 18 Aug 2025 11:02
 Operator : RC/JU
 Sample : PB169256BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169256BL

Quant Time: Aug 18 12:04:17 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)

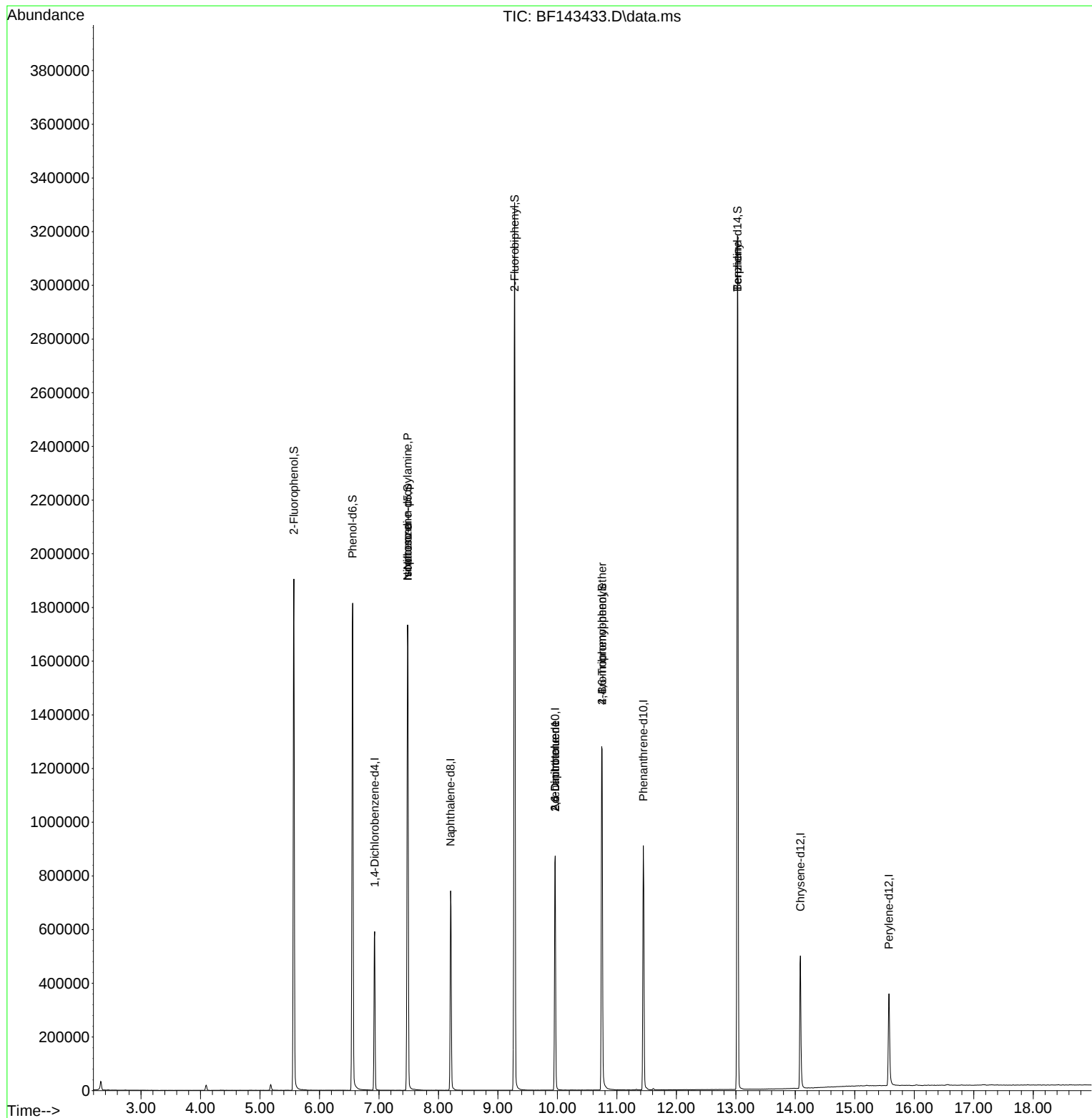
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	126309	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	491978	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	278073	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	476848	20.000	ng	0.00
76) Chrysene-d12	14.086	240	269560	20.000	ng	0.00
86) Perylene-d12	15.574	264	230909	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	691978	95.233	ng	0.01
7) Phenol-d6	6.557	99	881267	96.240	ng	0.00
23) Nitrobenzene-d5	7.481	82	825215	99.532	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	239290	96.681	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1517117	91.766	ng	0.00
79) Terphenyl-d14	13.027	244	1660445	103.476	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	111344	19.641	ng	# 77
25) Isophorone	7.481	82	820161	51.686	ng	# 65
51) 2,6-Dinitrotoluene	9.963	165	35672	10.438	ng	# 23
57) 2,4-Dinitrotoluene	9.963	165	35672	7.829	ng	# 24
67) 4-Bromophenyl-phenylether	10.751	248	16410	2.914	ng	# 1
77) Benzidine	13.027	184	19577	2.432	ng	# 95

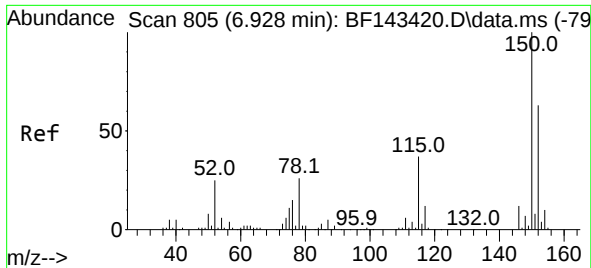
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
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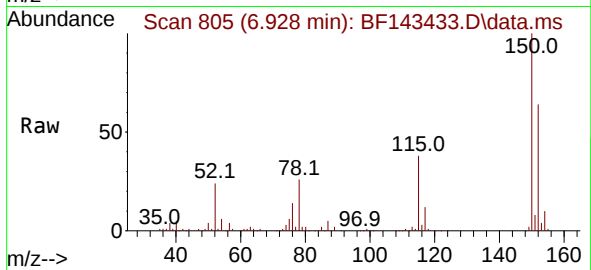
Quant Time: Aug 18 12:04:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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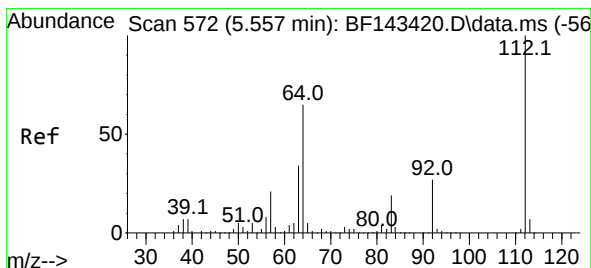
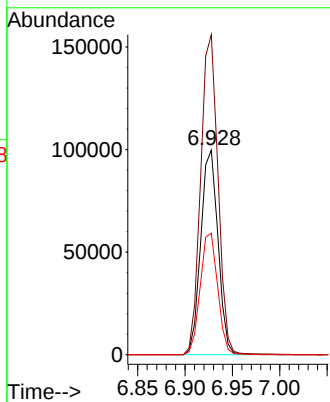
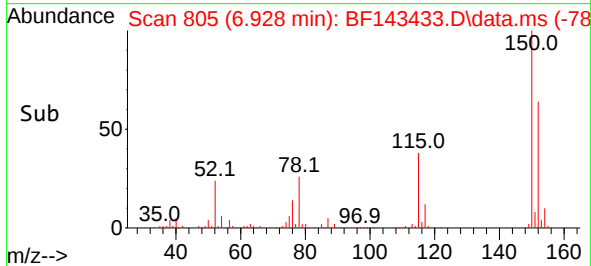


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143433.D
Acq: 18 Aug 2025 11:02

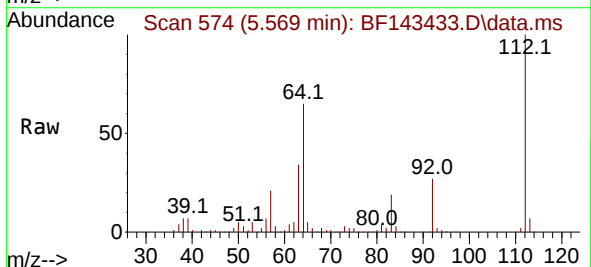
Instrument :
BNA_F
ClientSampleId :
PB169256BL



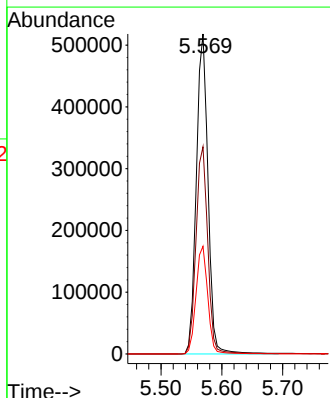
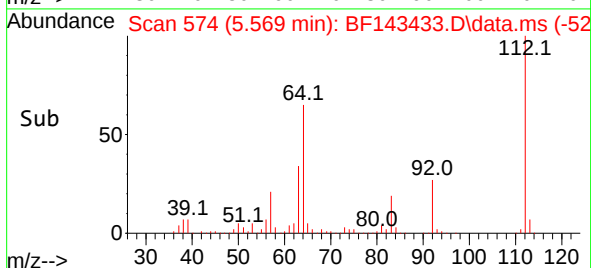
Tgt Ion:152 Resp: 126309
Ion Ratio Lower Upper
152 100
150 156.4 127.4 191.2
115 59.3 47.5 71.3

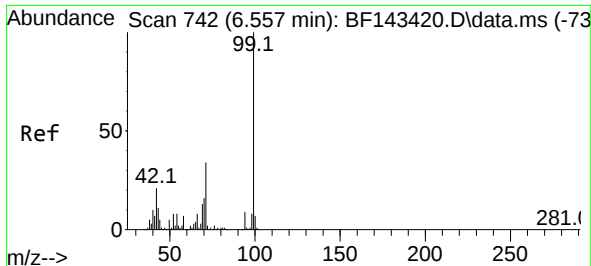


#5
2-Fluorophenol
Concen: 95.233 ng
RT: 5.569 min Scan# 574
Delta R.T. 0.012 min
Lab File: BF143433.D
Acq: 18 Aug 2025 11:02



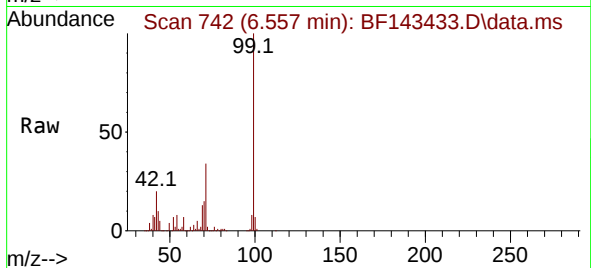
Tgt Ion:112 Resp: 691978
Ion Ratio Lower Upper
112 100
64 64.8 52.2 78.2
63 33.7 27.0 40.6



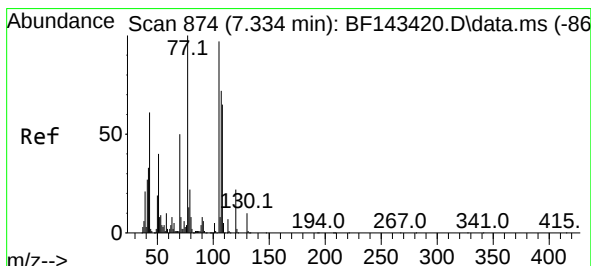
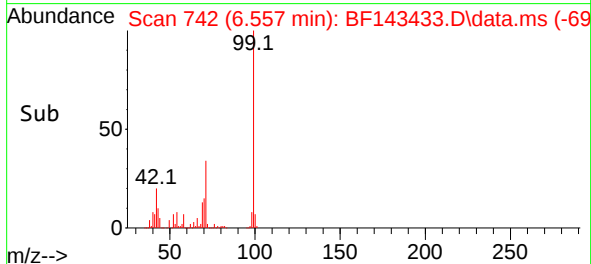
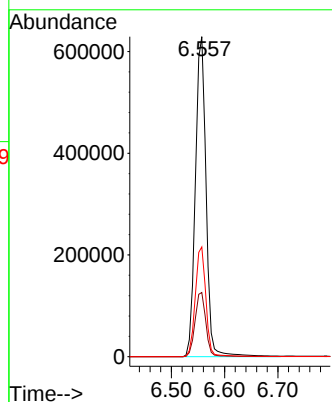


#7
Phenol-d6
Concen: 96.240 ng
RT: 6.557 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF143433.D
Acq: 18 Aug 2025 11:02

Instrument :
BNA_F
ClientSampleId :
PB169256BL

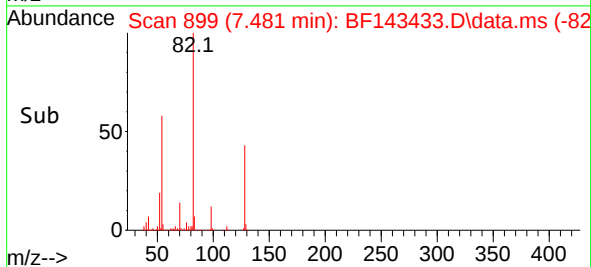
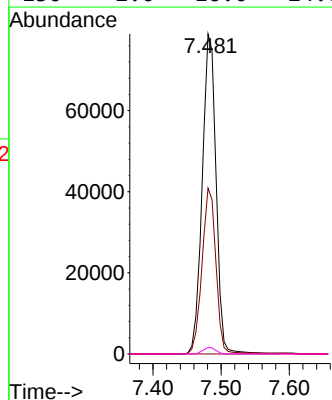
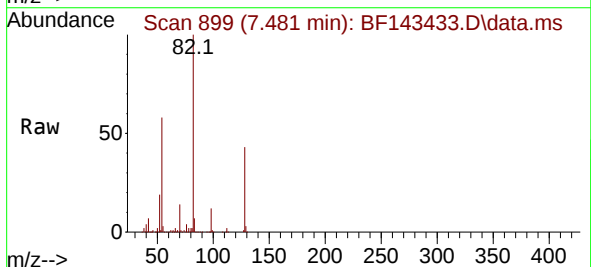


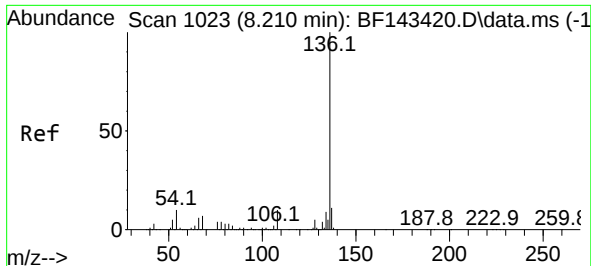
Tgt Ion: 99 Resp: 881267
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 34.3 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.641 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF143433.D
Acq: 18 Aug 2025 11:02

Tgt Ion: 70 Resp: 111344
Ion Ratio Lower Upper
70 100
42 51.8 52.5 78.7#
101 0.0 7.9 11.9#
130 2.0 16.0 24.0#

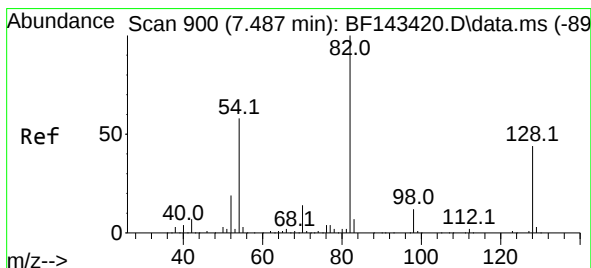
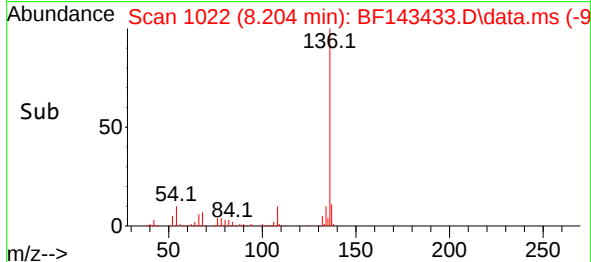
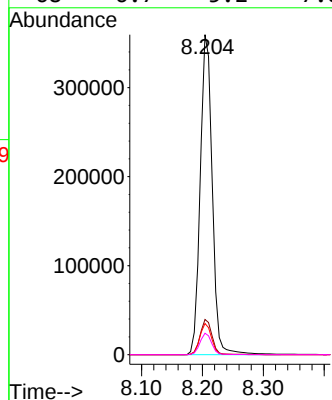
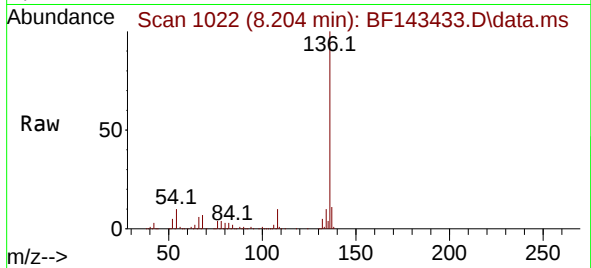




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF143433.D
Acq: 18 Aug 2025 11:02

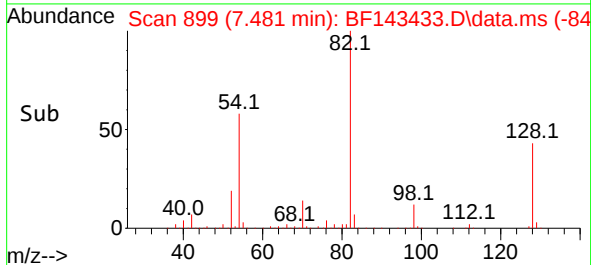
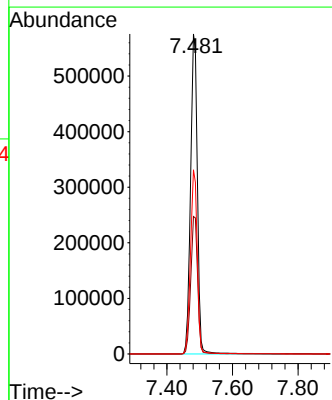
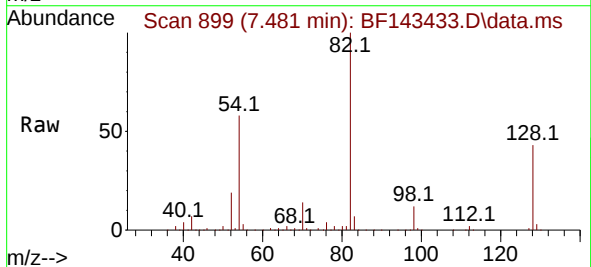
Instrument :
BNA_F
ClientSampleId :
PB169256BL

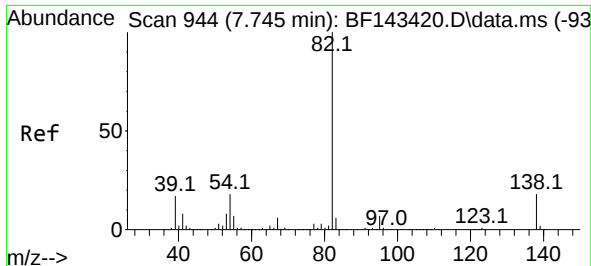
Tgt Ion:	136	Resp:	491978
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	9.8	7.8	11.8
68	6.7	5.2	7.8



#23
Nitrobenzene-d5
Concen: 99.532 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF143433.D
Acq: 18 Aug 2025 11:02

Tgt Ion:	82	Resp:	825215
Ion Ratio	Lower	Upper	
82	100		
128	42.9	34.6	52.0
54	57.6	46.0	69.0

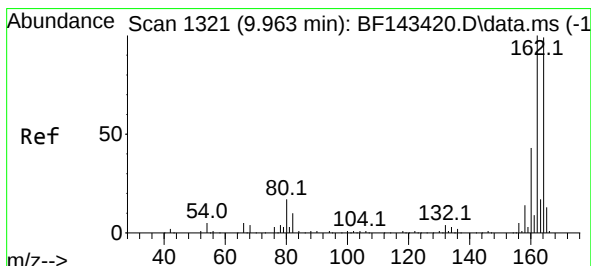
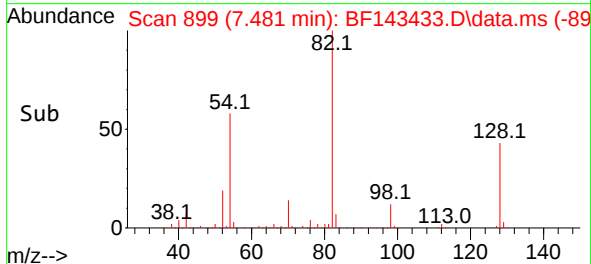
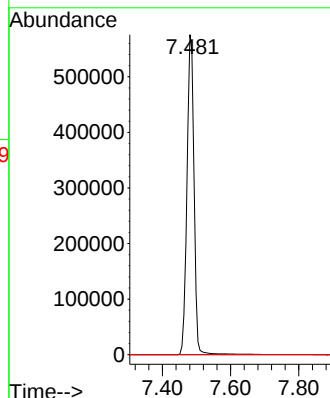
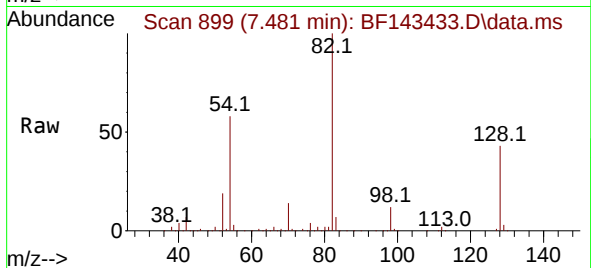




#25
Isophorone
Concen: 51.686 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.265 min
Lab File: BF143433.D
Acq: 18 Aug 2025 11:02

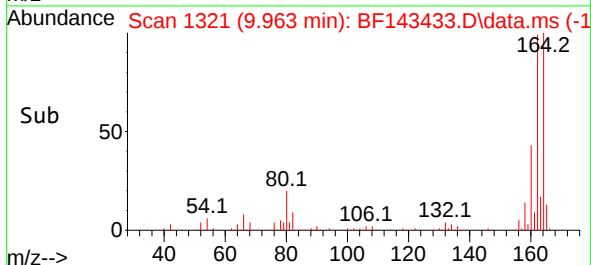
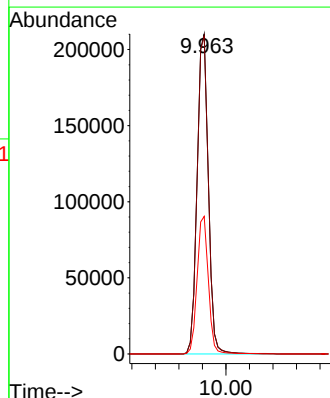
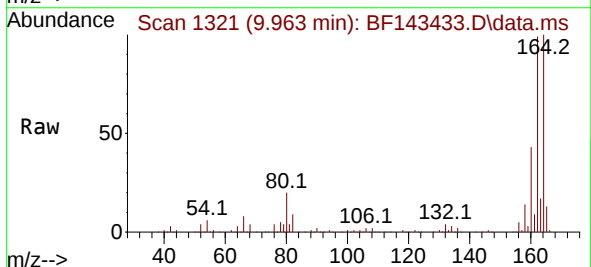
Instrument :
BNA_F
ClientSampleId :
PB169256BL

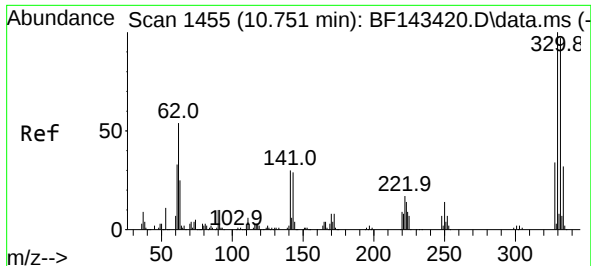
Tgt Ion: 82 Resp: 820161
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.3 21.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF143433.D
Acq: 18 Aug 2025 11:02

Tgt Ion:164 Resp: 278073
Ion Ratio Lower Upper
164 100
162 99.4 80.6 121.0
160 43.0 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 96.681 ng

RT: 10.751 min Scan# 1455

Delta R.T. -0.000 min

Lab File: BF143433.D

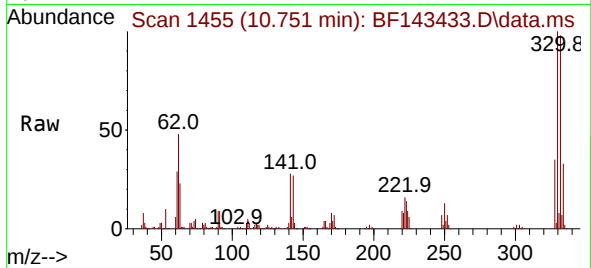
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Instrument :

BNA_F

ClientSampleId :

PB169256BL



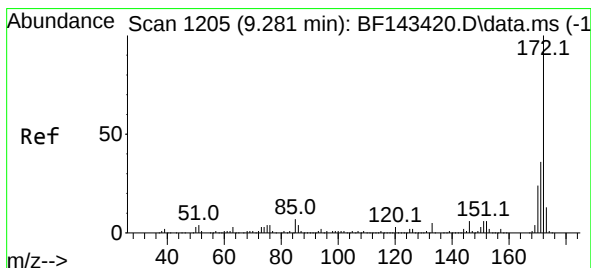
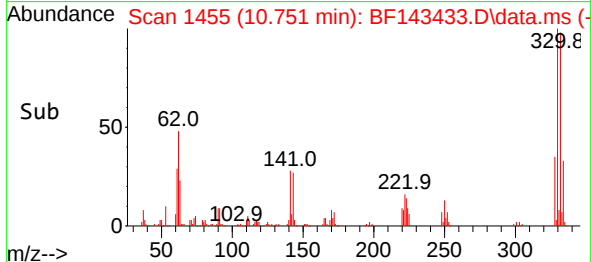
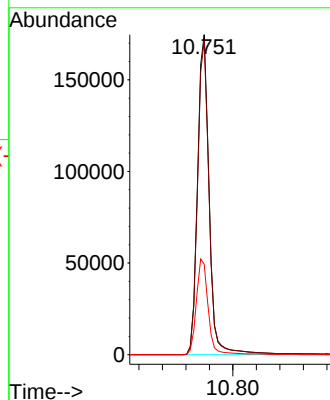
Tgt Ion:330 Resp: 239290

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.2

141 30.2 24.1 36.1



#45

2-Fluorobiphenyl

Concen: 91.766 ng

RT: 9.281 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF143433.D

Acq: 18 Aug 2025 11:02

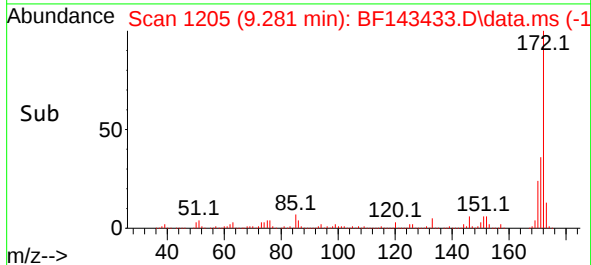
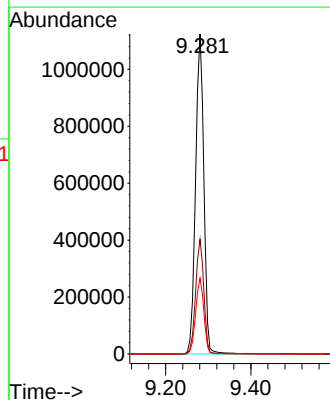
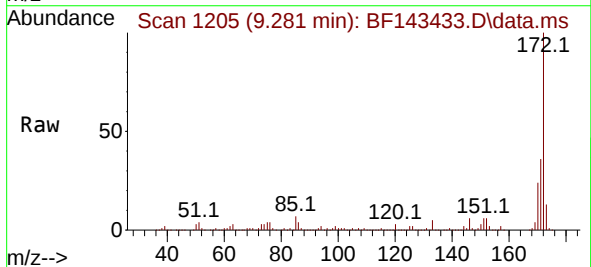
Tgt Ion:172 Resp: 1517117

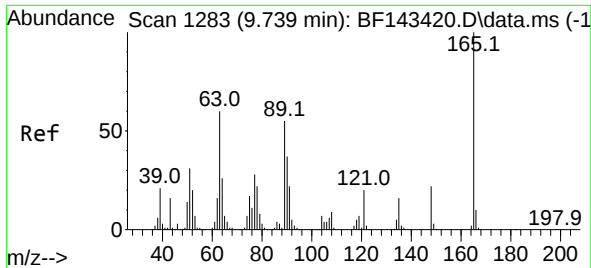
Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 23.7 19.0 28.6

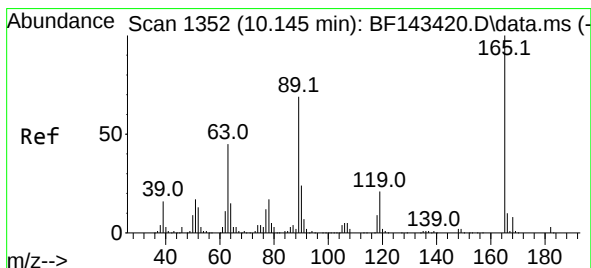
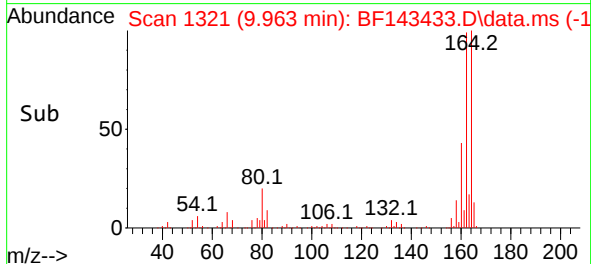
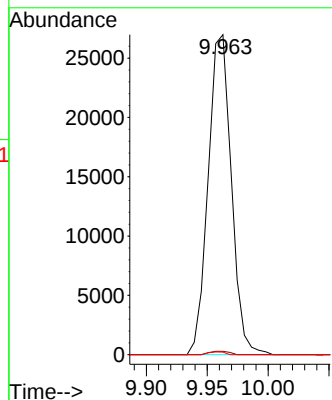
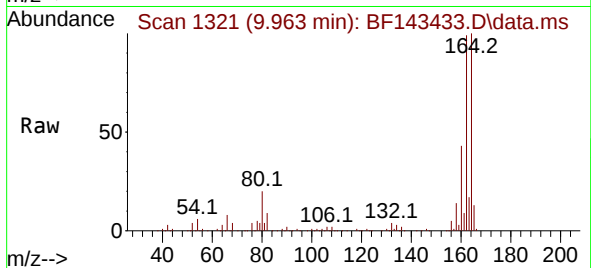




#51
2,6-Dinitrotoluene
Concen: 10.438 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.223 min
Lab File: BF143433.D
Acq: 18 Aug 2025 11:02

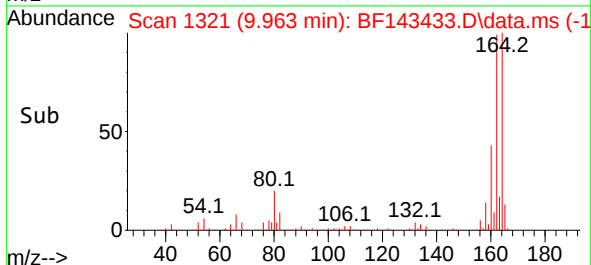
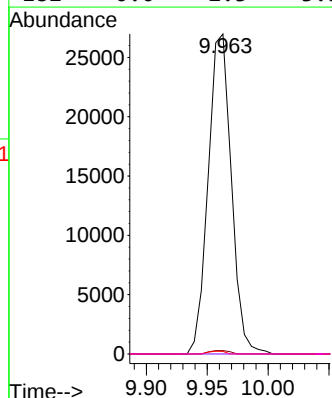
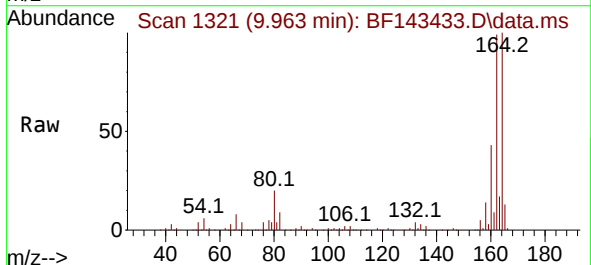
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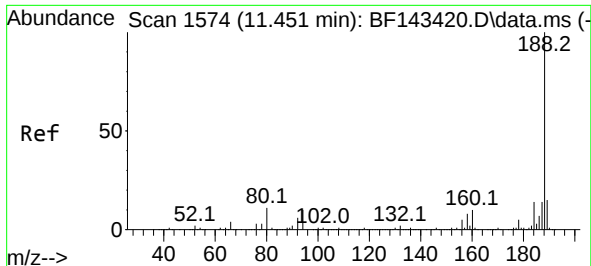
Tgt Ion:165 Resp: 35672
Ion Ratio Lower Upper
165 100
63 1.1 48.2 72.2#
89 0.8 44.2 66.2#



#57
2,4-Dinitrotoluene
Concen: 7.829 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.182 min
Lab File: BF143433.D
Acq: 18 Aug 2025 11:02

Tgt Ion:165 Resp: 35672
Ion Ratio Lower Upper
165 100
63 1.1 37.0 55.6#
89 0.8 55.4 83.0#
182 0.0 2.3 3.5#

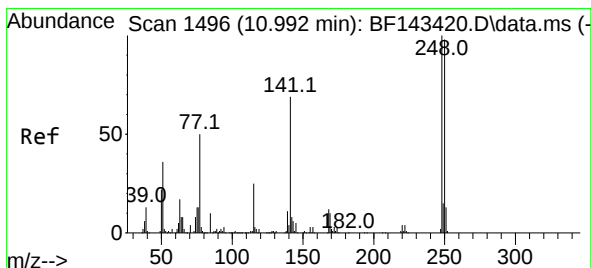
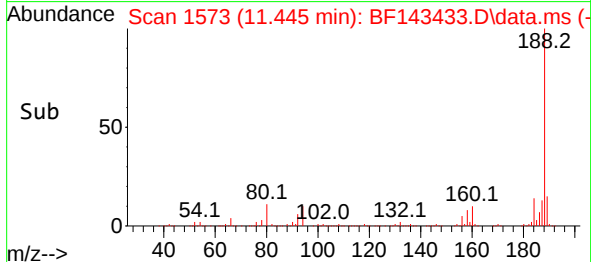
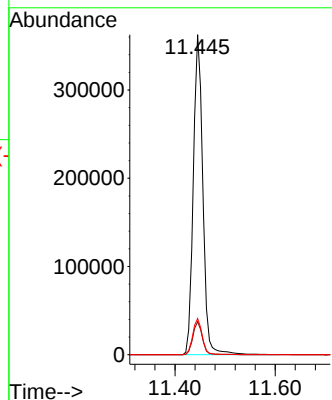
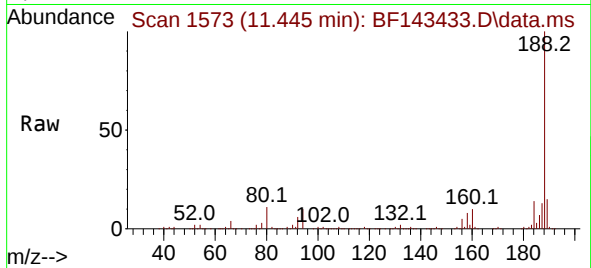




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143433.D
Acq: 18 Aug 2025 11:02

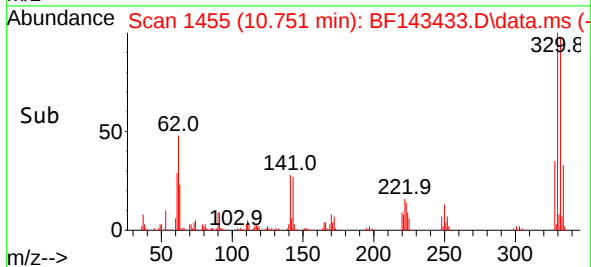
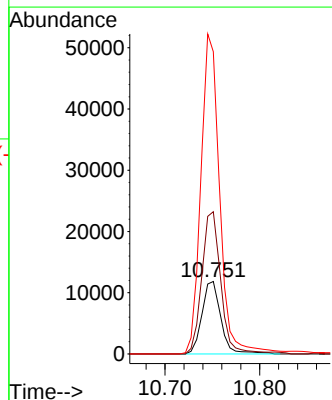
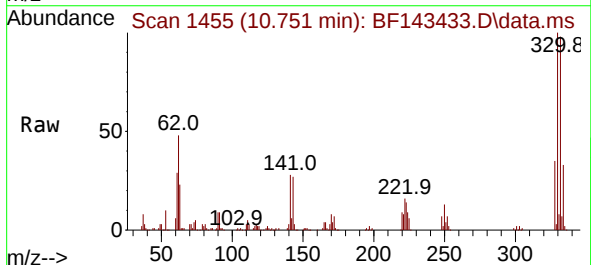
Instrument :
BNA_F
ClientSampleId :
PB169256BL

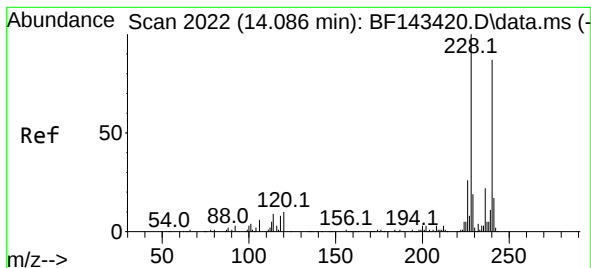
Tgt Ion:188 Resp: 476848
Ion Ratio Lower Upper
188 100
94 10.3 8.0 12.0
80 11.3 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 2.914 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.241 min
Lab File: BF143433.D
Acq: 18 Aug 2025 11:02

Tgt Ion:248 Resp: 16410
Ion Ratio Lower Upper
248 100
250 196.2 78.6 118.0#
141 416.8 54.9 82.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF143433.D

Acq: 18 Aug 2025 11:02

Instrument :

BNA_F

ClientSampleId :

PB169256BL

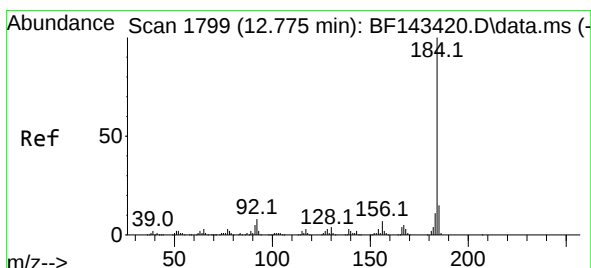
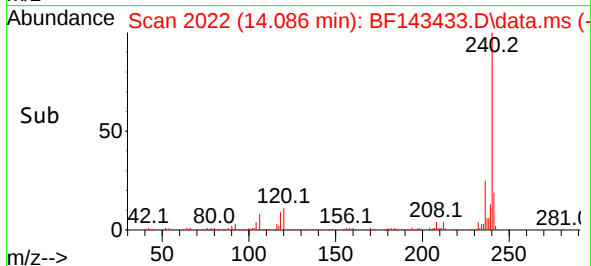
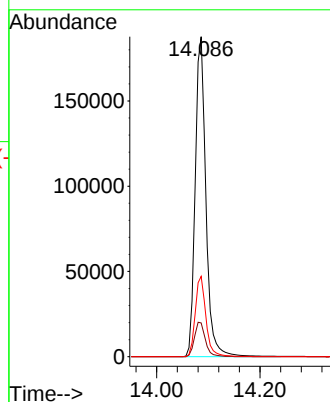
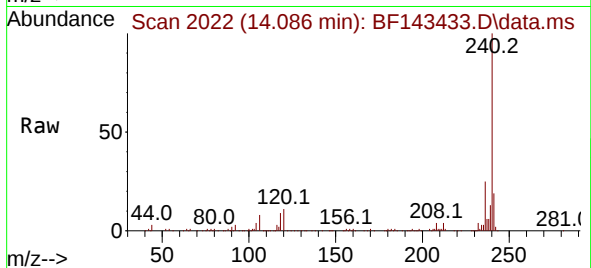
Tgt Ion:240 Resp: 269560

Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.4

236 25.1 20.2 30.2



#77

Benzidine

Concen: 2.432 ng

RT: 13.027 min Scan# 1842

Delta R.T. 0.252 min

Lab File: BF143433.D

Acq: 18 Aug 2025 11:02

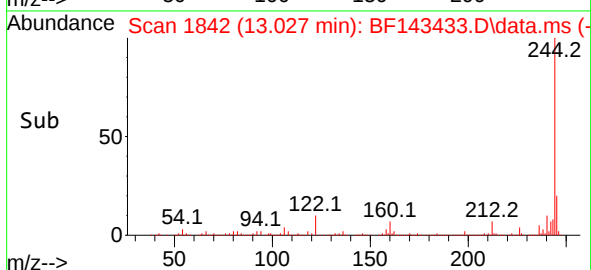
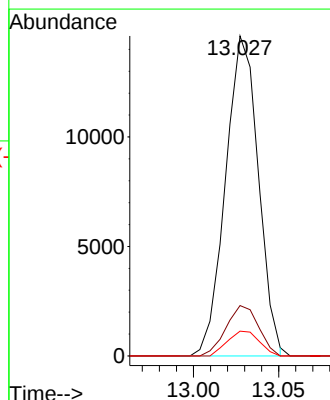
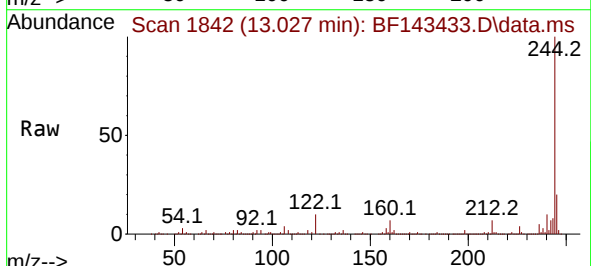
Tgt Ion:184 Resp: 19577

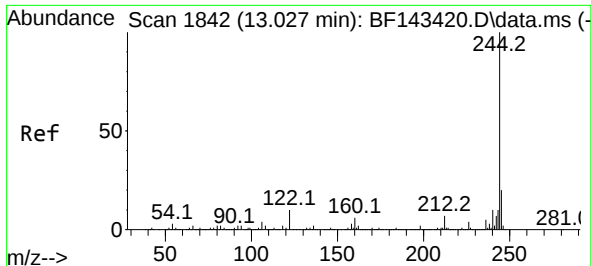
Ion Ratio Lower Upper

184 100

185 15.8 12.2 18.2

183 7.8 9.2 13.8#

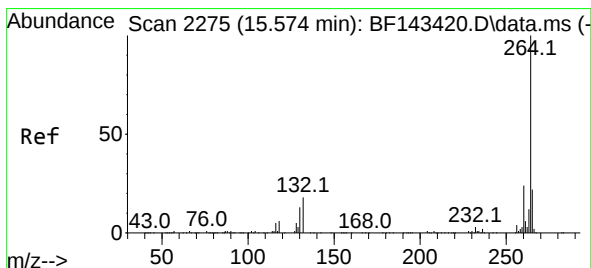
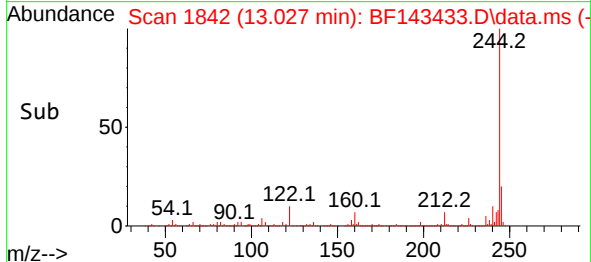
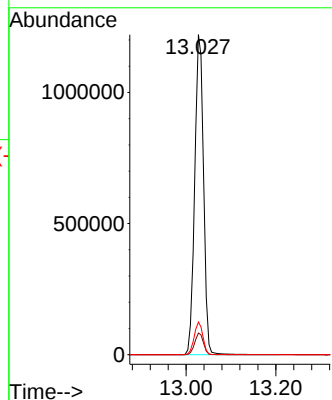
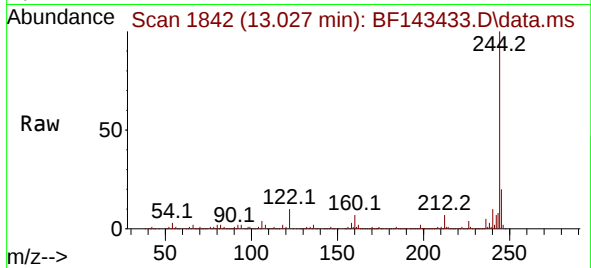




#79
 Terphenyl-d14
 Concen: 103.476 ng
 RT: 13.027 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF143433.D
 Acq: 18 Aug 2025 11:02

Instrument :
 BNA_F
 ClientSampleId :
 PB169256BL

Tgt Ion:244 Resp: 1660445
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.2 7.8
 122 10.2 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2275
 Delta R.T. -0.000 min
 Lab File: BF143433.D
 Acq: 18 Aug 2025 11:02

Tgt Ion:264 Resp: 230909
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 20.8 17.4 26.0

