

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143425.D
 Acq On : 15 Aug 2025 19:27
 Operator : RC/JU
 Sample : PB169229BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169229BL

Quant Time: Aug 18 01:18:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:57:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

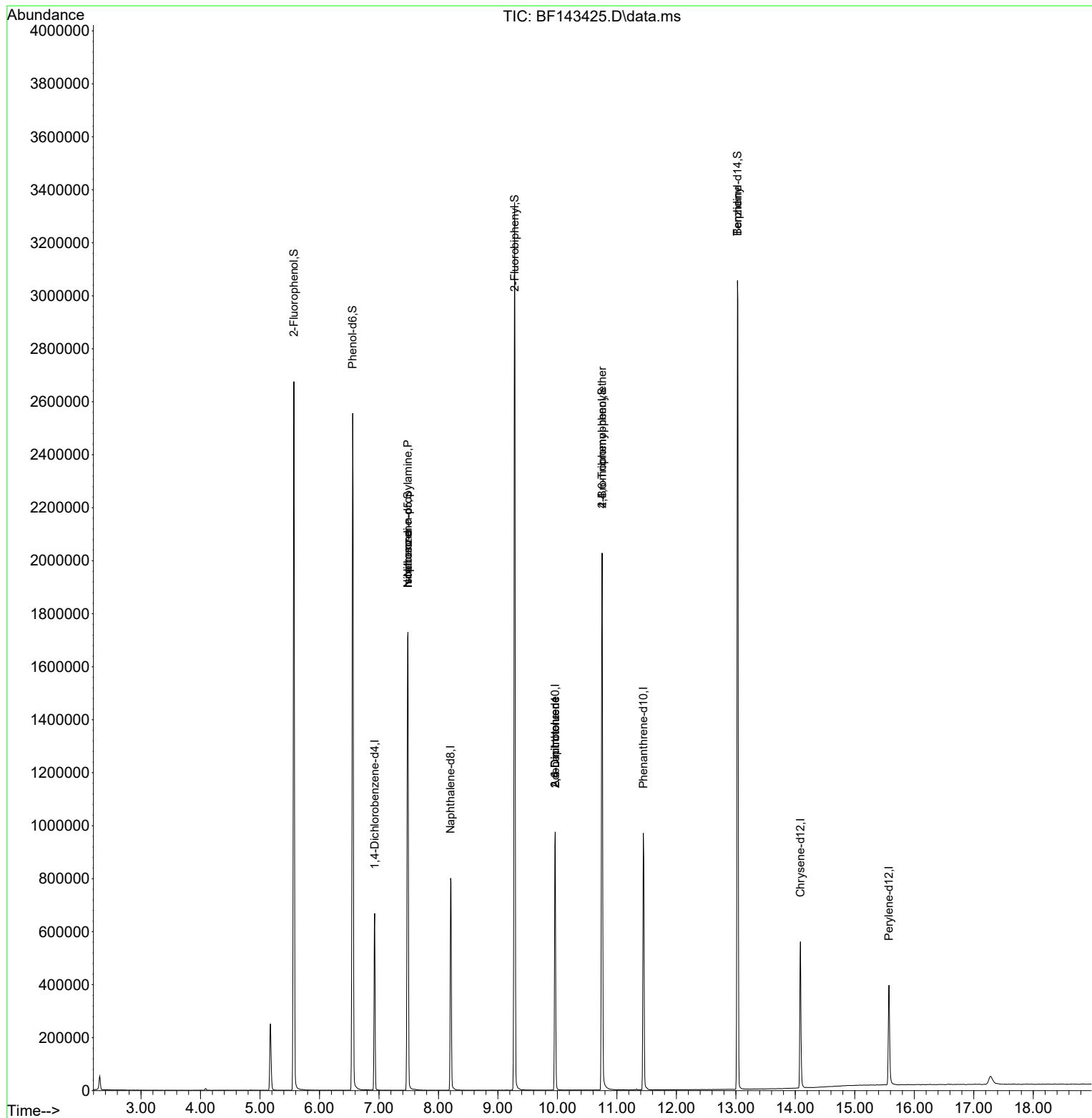
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	140592	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	542143	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	302308	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	514842	20.000	ng	0.00
76) Chrysene-d12	14.086	240	291765	20.000	ng	0.00
86) Perylene-d12	15.574	264	244764	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	998131	123.412	ng	0.01
7) Phenol-d6	6.557	99	1238977	121.558	ng	0.00
23) Nitrobenzene-d5	7.486	82	825324	90.334	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	370420	137.663	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1524485	84.820	ng	0.00
79) Terphenyl-d14	13.027	244	1604586	92.385	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.486	70	111753	17.710	ng	# 77
25) Isophorone	7.486	82	817011	46.723	ng	# 65
51) 2,6-Dinitrotoluene	9.963	165	39351	10.591	ng	# 23
57) 2,4-Dinitrotoluene	9.963	165	39351	7.944	ng	# 24
67) 4-Bromophenyl-phenylether	10.751	248	24716	4.065	ng	# 1
77) Benzydine	13.027	184	18640	2.257	ng	# 94

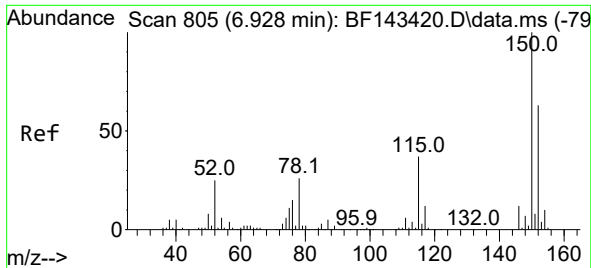
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
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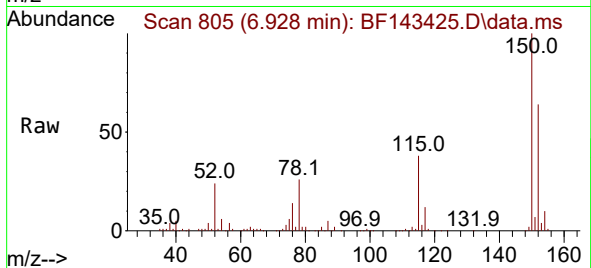
Quant Time: Aug 18 01:18:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:57:34 2025
Response via : Initial Calibration



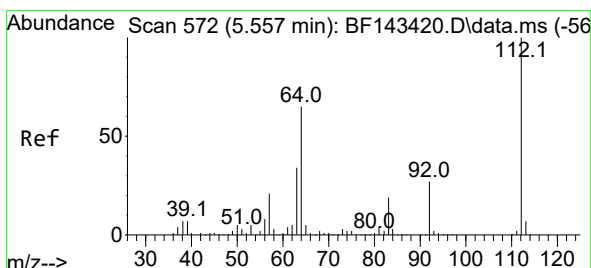
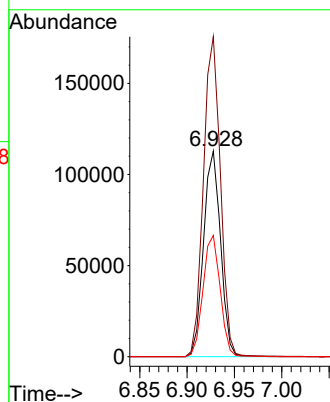
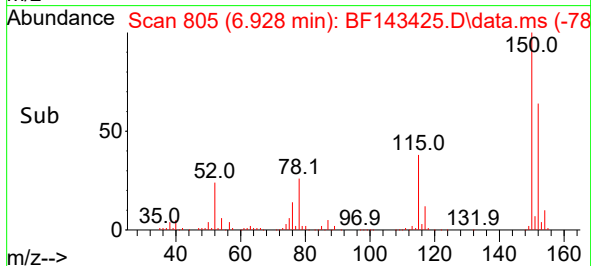


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF143425.D
 Acq: 15 Aug 2025 19:27

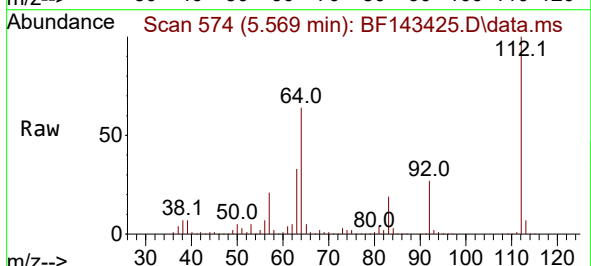
Instrument :
 BNA_F
 ClientSampleId :
 PB169229BL



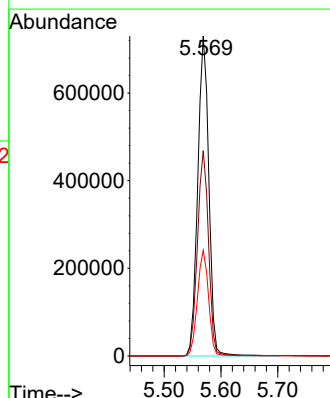
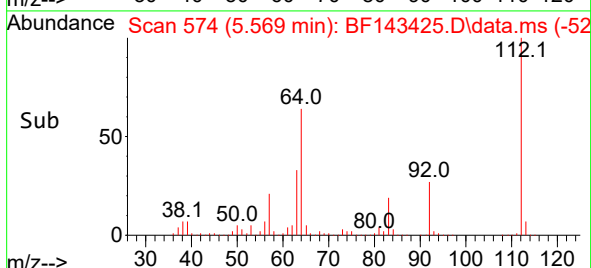
Tgt Ion:152 Resp: 140592
 Ion Ratio Lower Upper
 152 100
 150 155.6 127.4 191.2
 115 59.0 47.5 71.3

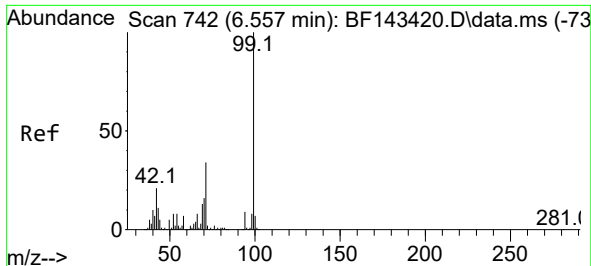


#5
 2-Fluorophenol
 Concen: 123.412 ng
 RT: 5.569 min Scan# 574
 Delta R.T. 0.012 min
 Lab File: BF143425.D
 Acq: 15 Aug 2025 19:27



Tgt Ion:112 Resp: 998131
 Ion Ratio Lower Upper
 112 100
 64 64.2 52.2 78.2
 63 33.0 27.0 40.6

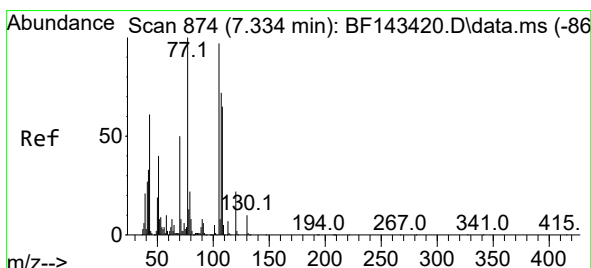
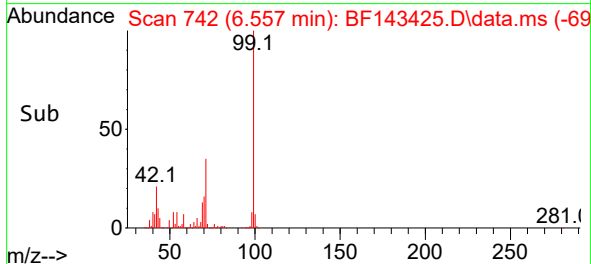
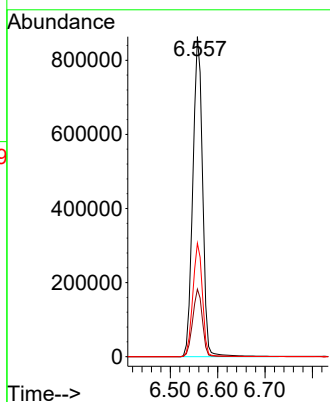
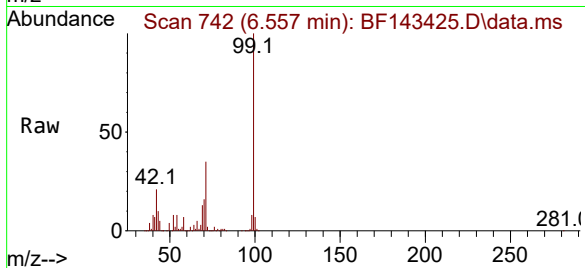




#7
Phenol-d6
Concen: 121.558 ng
RT: 6.557 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF143425.D
Acq: 15 Aug 2025 19:27

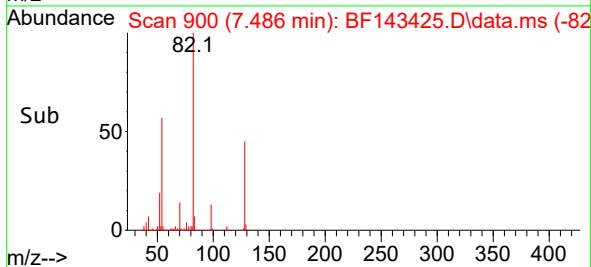
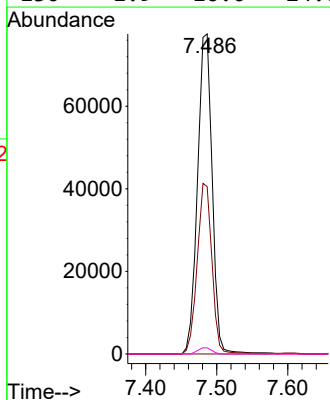
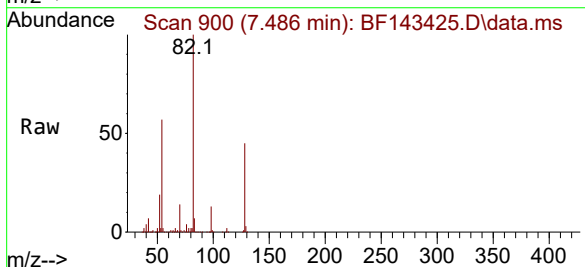
Instrument :
BNA_F
ClientSampleId :
PB169229BL

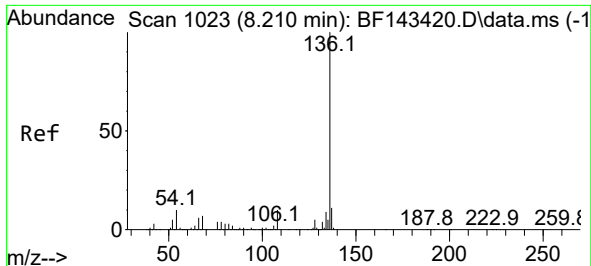
Tgt Ion: 99 Resp: 1238977
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 35.5 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.710 ng
RT: 7.486 min Scan# 900
Delta R.T. 0.153 min
Lab File: BF143425.D
Acq: 15 Aug 2025 19:27

Tgt Ion: 70 Resp: 111753
Ion Ratio Lower Upper
70 100
42 52.3 52.5 78.7#
101 0.0 7.9 11.9#
130 1.9 16.0 24.0#



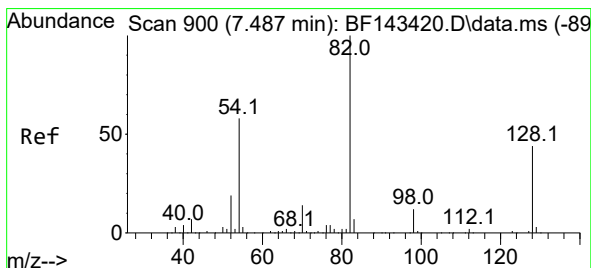
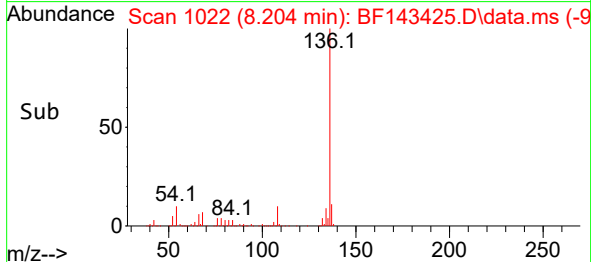
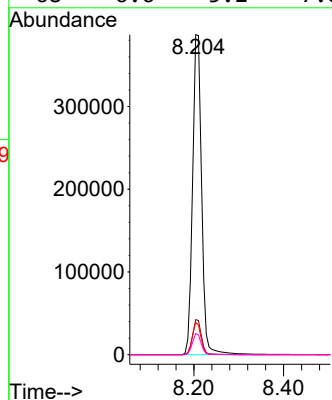
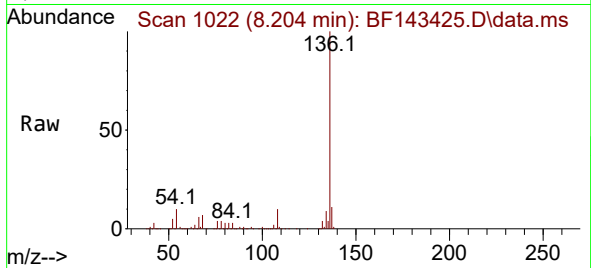


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143425.D
Acq: 15 Aug 2025 19:27

Instrument :
BNA_F
ClientSampleId :
PB169229BL

Tgt Ion:136 Resp: 542143

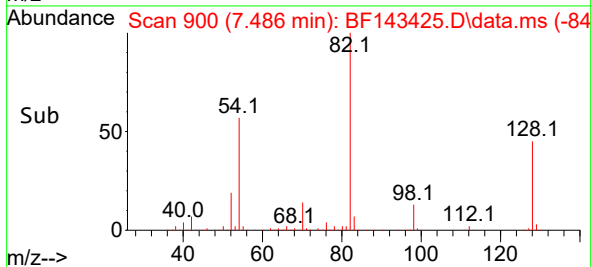
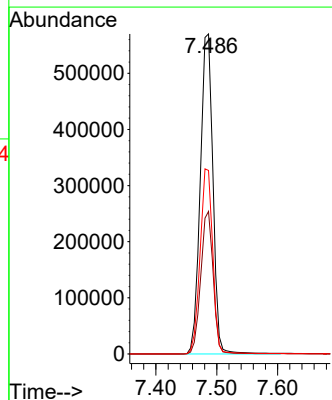
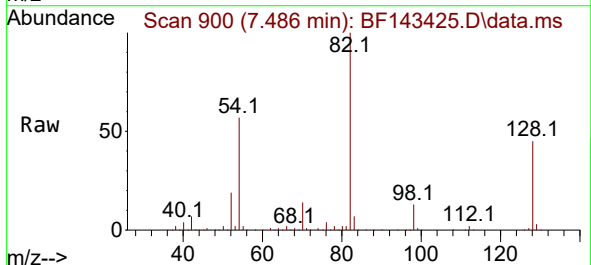
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.1	7.8	11.8
68	6.6	5.2	7.8

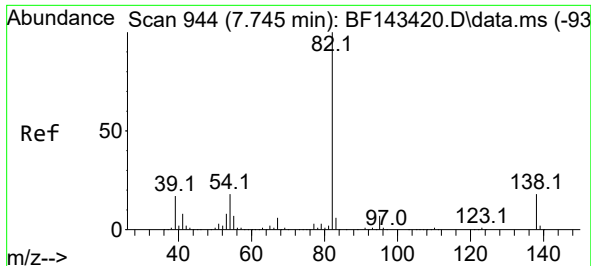


#23
Nitrobenzene-d5
Concen: 90.334 ng
RT: 7.486 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF143425.D
Acq: 15 Aug 2025 19:27

Tgt Ion: 82 Resp: 825324

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.6	52.0
54	57.4	46.0	69.0

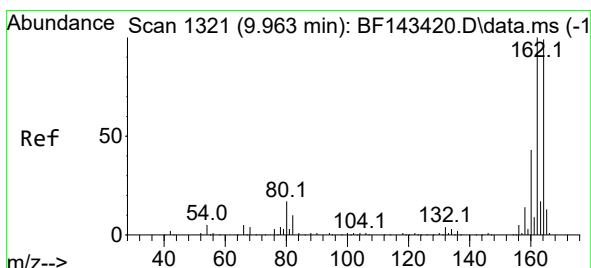
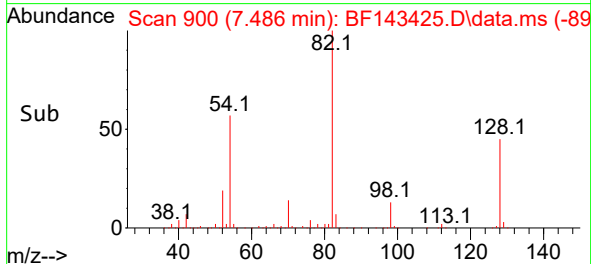
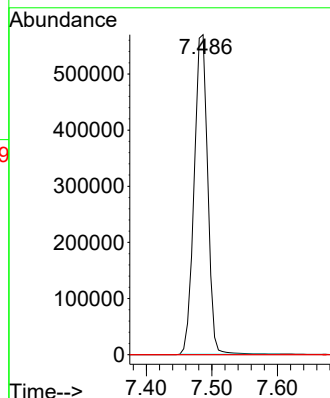
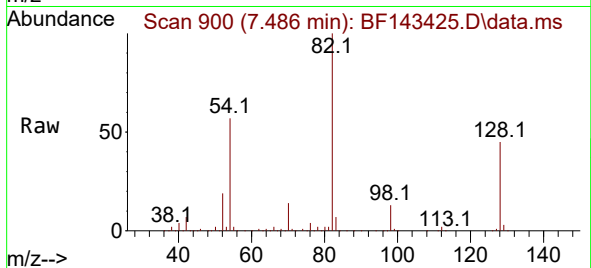




#25
Isophorone
Concen: 46.723 ng
RT: 7.486 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF143425.D
Acq: 15 Aug 2025 19:27

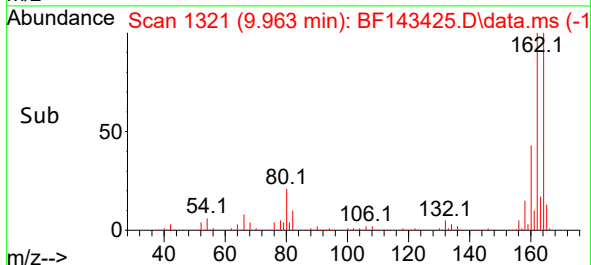
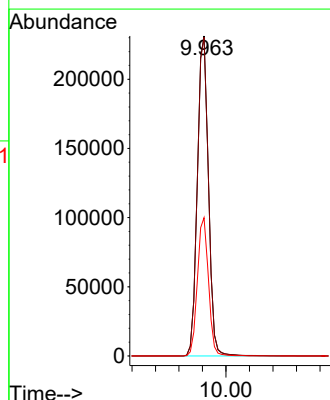
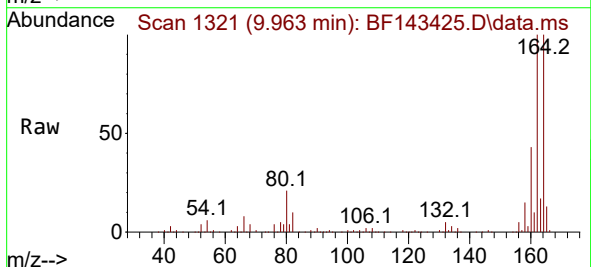
Instrument :
BNA_F
ClientSampleId :
PB169229BL

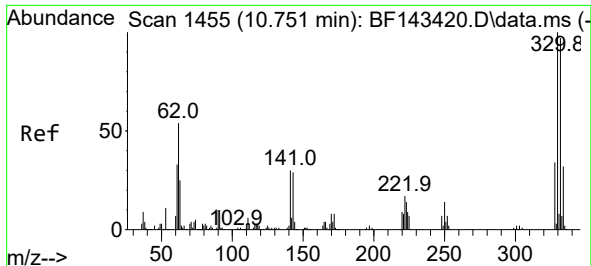
Tgt Ion: 82 Resp: 817011
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.3 21.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF143425.D
Acq: 15 Aug 2025 19:27

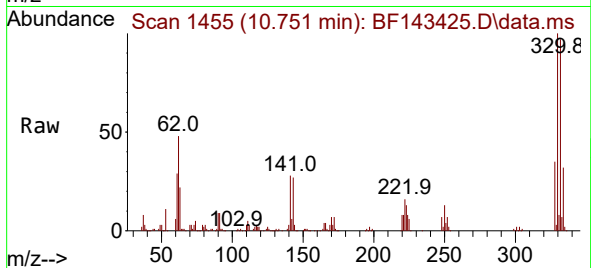
Tgt Ion:164 Resp: 302308
Ion Ratio Lower Upper
164 100
162 99.6 80.6 121.0
160 43.2 34.6 51.8



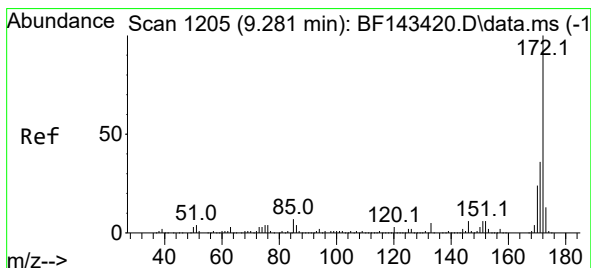
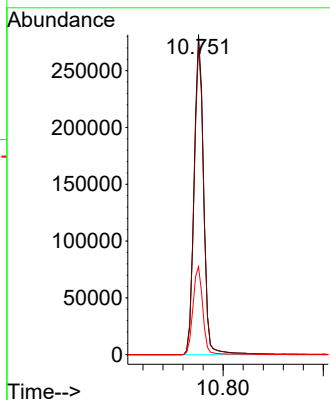
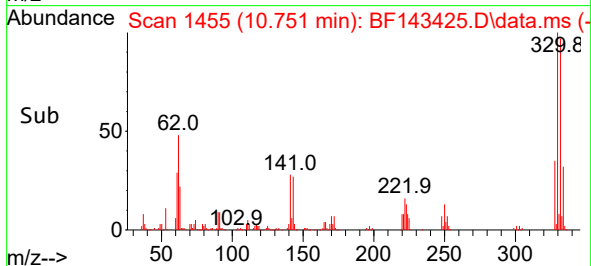


#42
2,4,6-Tribromophenol
Concen: 137.663 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF143425.D
Acq: 15 Aug 2025 19:27

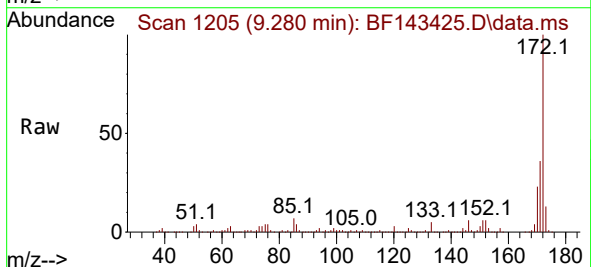
Instrument :
BNA_F
ClientSampleId :
PB169229BL



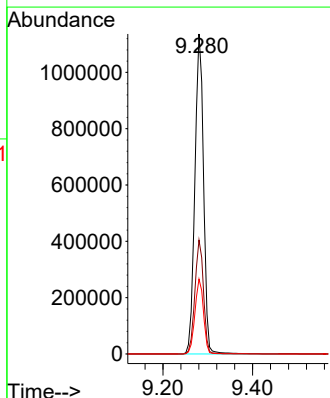
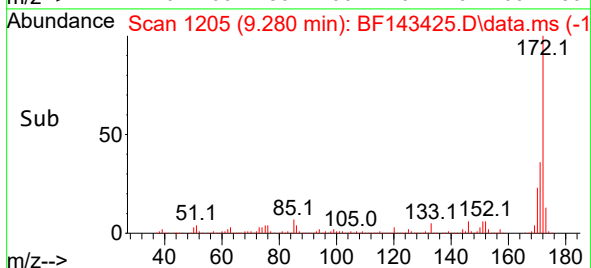
Tgt Ion:330 Resp: 370420
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.2
141 28.6 24.1 36.1

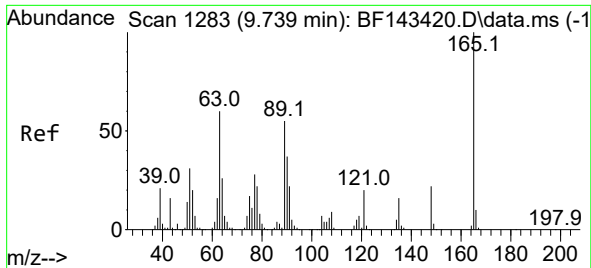


#45
2-Fluorobiphenyl
Concen: 84.820 ng
RT: 9.280 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF143425.D
Acq: 15 Aug 2025 19:27



Tgt Ion:172 Resp: 1524485
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.4 19.0 28.6

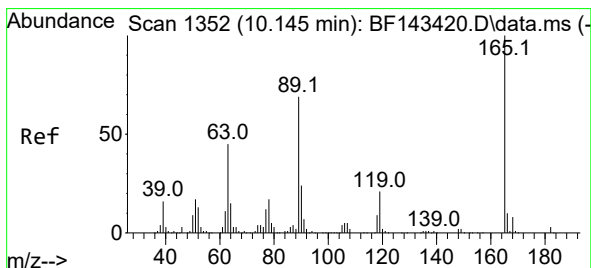
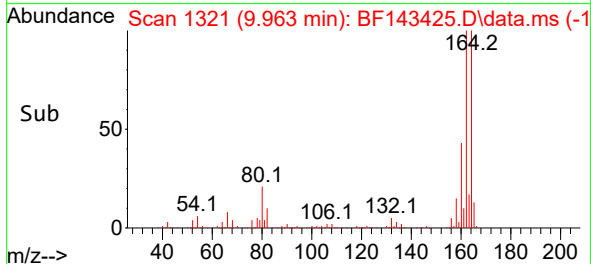
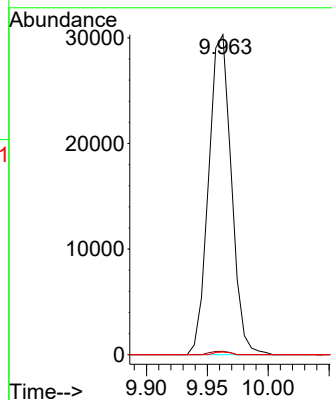
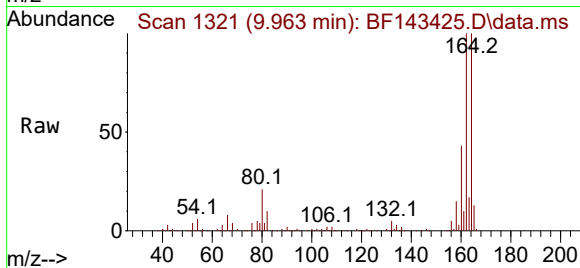




#51
2,6-Dinitrotoluene
Concen: 10.591 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.223 min
Lab File: BF143425.D
Acq: 15 Aug 2025 19:27

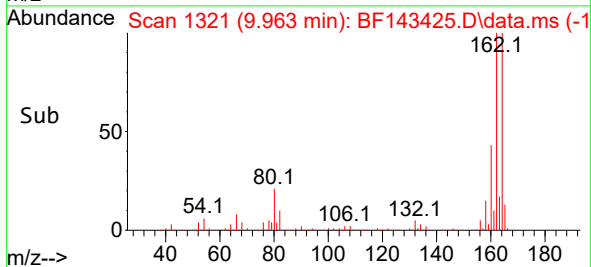
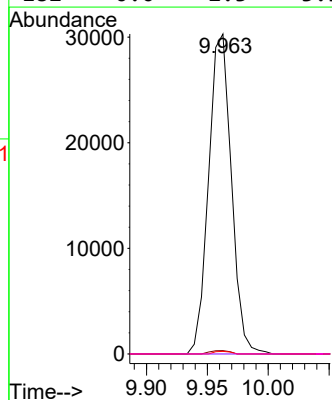
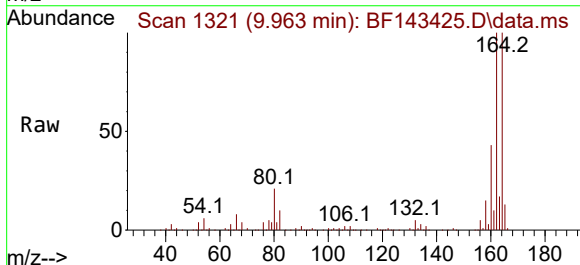
Instrument :
BNA_F
ClientSampleId :
PB169229BL

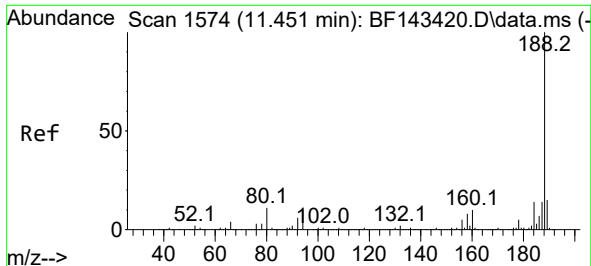
Tgt Ion:165 Resp: 39351
Ion Ratio Lower Upper
165 100
63 1.1 48.2 72.2#
89 0.8 44.2 66.2#



#57
2,4-Dinitrotoluene
Concen: 7.944 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.182 min
Lab File: BF143425.D
Acq: 15 Aug 2025 19:27

Tgt Ion:165 Resp: 39351
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#

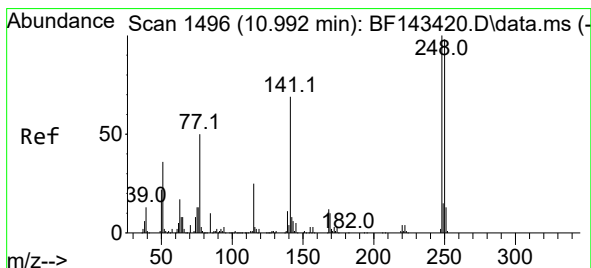
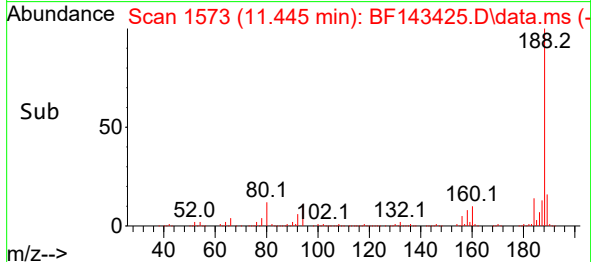
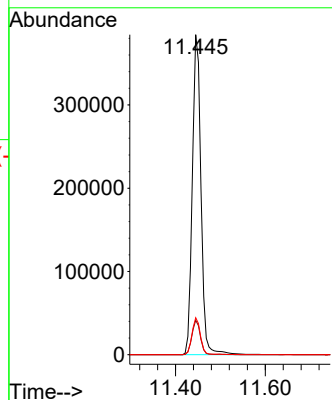
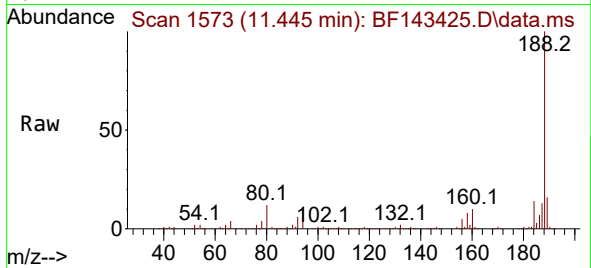




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143425.D
Acq: 15 Aug 2025 19:27

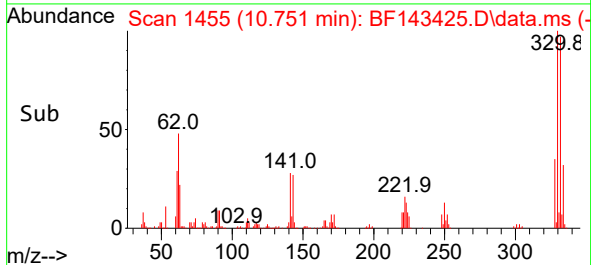
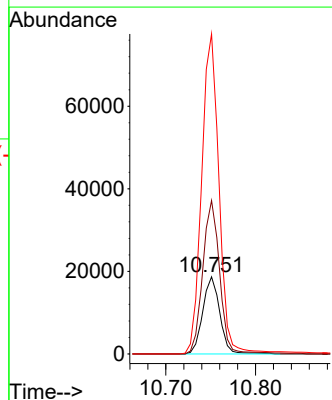
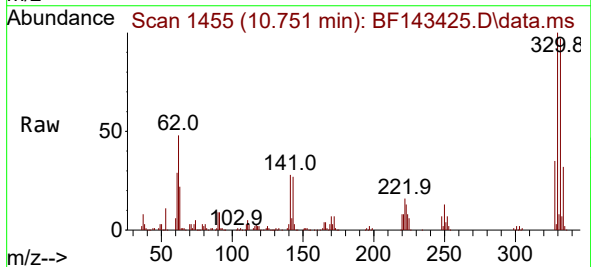
Instrument :
BNA_F
ClientSampleId :
PB169229BL

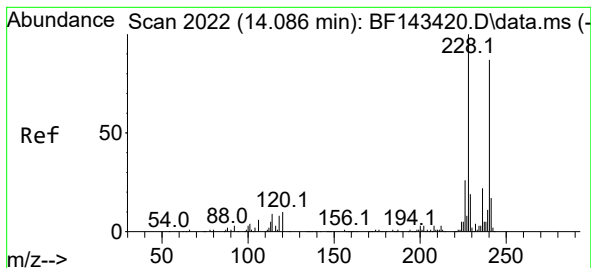
Tgt Ion:188 Resp: 514842
Ion Ratio Lower Upper
188 100
94 10.8 8.0 12.0
80 11.6 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 4.065 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.241 min
Lab File: BF143425.D
Acq: 15 Aug 2025 19:27

Tgt Ion:248 Resp: 24716
Ion Ratio Lower Upper
248 100
250 198.8 78.6 118.0#
141 414.7 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: BF143425.D

Acq: 15 Aug 2025 19:27

Instrument :

BNA_F

ClientSampleId :

PB169229BL

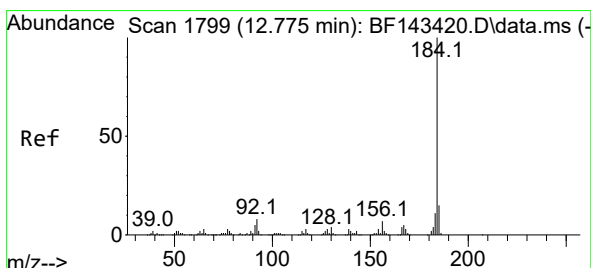
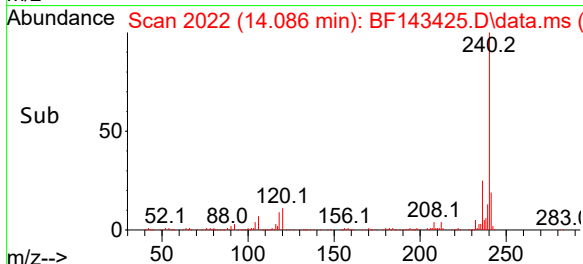
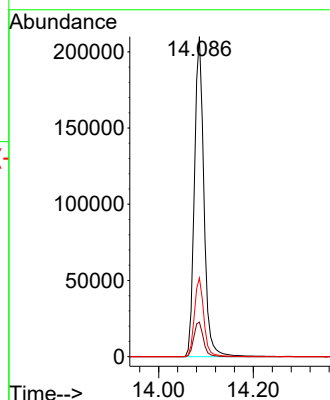
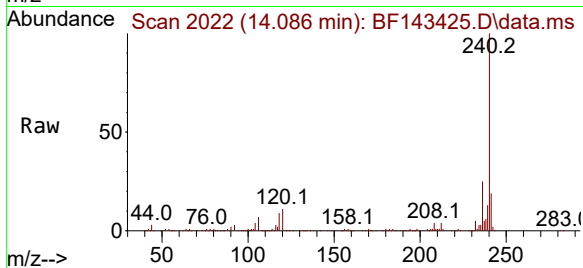
Tgt Ion:240 Resp: 291765

Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.4

236 24.6 20.2 30.2



#77

Benidine

Concen: 2.257 ng

RT: 13.027 min Scan# 1842

Delta R.T. 0.253 min

Lab File: BF143425.D

Acq: 15 Aug 2025 19:27

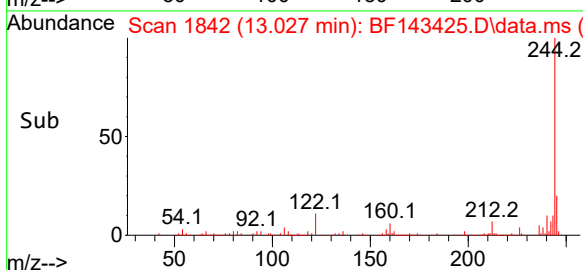
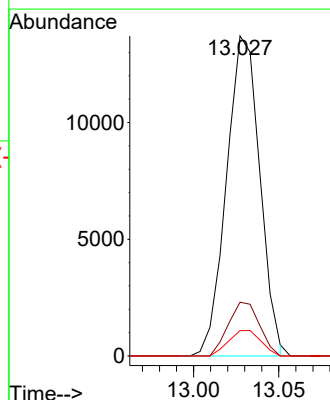
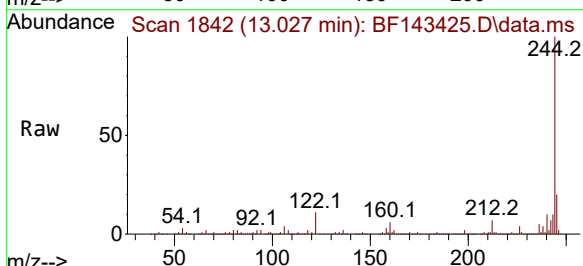
Tgt Ion:184 Resp: 18640

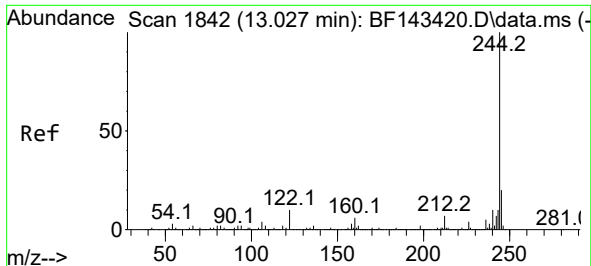
Ion Ratio Lower Upper

184 100

185 16.8 12.2 18.2

183 7.9 9.2 13.8#

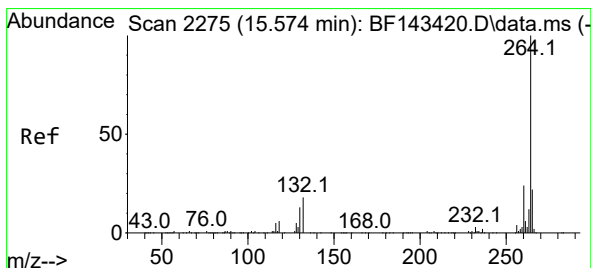
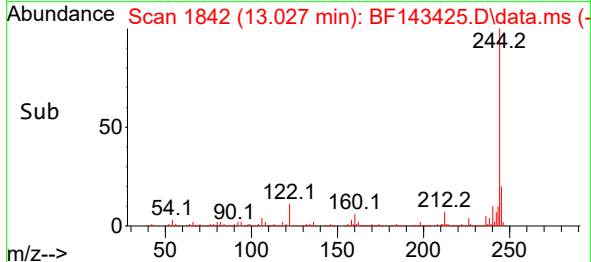
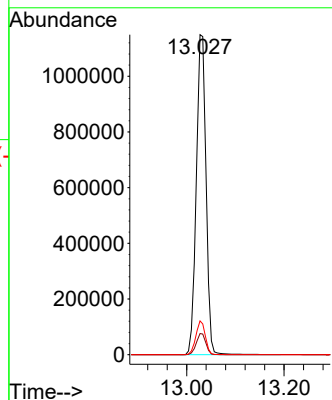
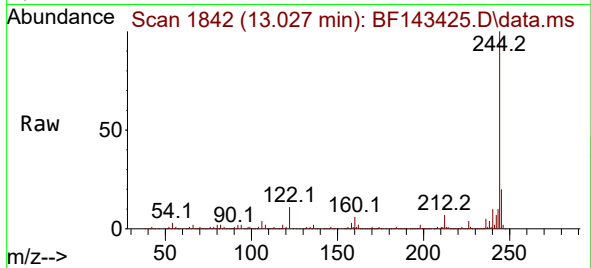




#79
 Terphenyl-d14
 Concen: 92.385 ng
 RT: 13.027 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF143425.D
 Acq: 15 Aug 2025 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PB169229BL

Tgt Ion:244 Resp: 1604586
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 10.6 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: BF143425.D
 Acq: 15 Aug 2025 19:27

Tgt Ion:264 Resp: 244764
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.8 28.2
 265 21.7 17.4 26.0

