

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143118.D
 Acq On : 16 Jul 2025 20:09
 Operator : RC/JU
 Sample : PB168854BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168854BL

Quant Time: Jul 17 03:44:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 15 17:53:25 2025
 Response via : Initial Calibration

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

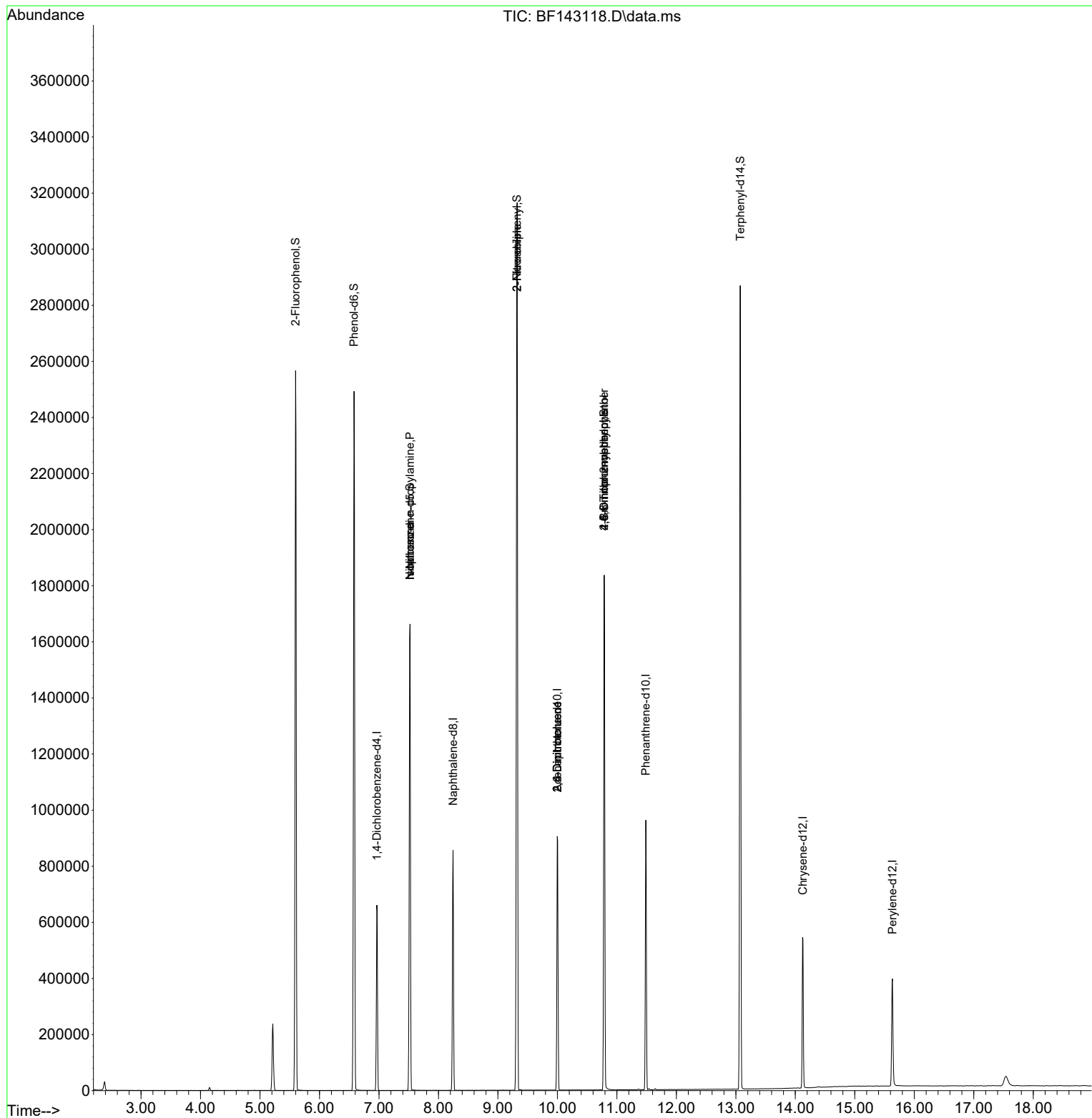
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	138731	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	528830	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	273109	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	466923	20.000	ng	0.00
76) Chrysene-d12	14.127	240	262735	20.000	ng	0.00
86) Perylene-d12	15.633	264	225267	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	961902	109.546	ng	0.01
7) Phenol-d6	6.581	99	1210302	109.654	ng	0.00
23) Nitrobenzene-d5	7.522	82	772988	81.998	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	319517	131.209	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1454255	70.782	ng	0.00
79) Terphenyl-d14	13.074	244	1387334	77.189	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.522	70	105228	15.561	ng	# 77
25) Isophorone	7.522	82	768785	42.193	ng	# 65
48) 2-Nitroaniline	9.322	65	2450	3.654	ng	# 1
51) 2,6-Dinitrotoluene	9.998	165	34622	12.399	ng	# 17
57) 2,4-Dinitrotoluene	9.998	165	34622	10.987	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.786	198	607	5.827	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	19719	3.714	ng	# 1

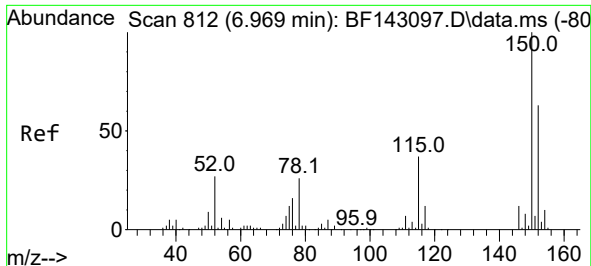
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
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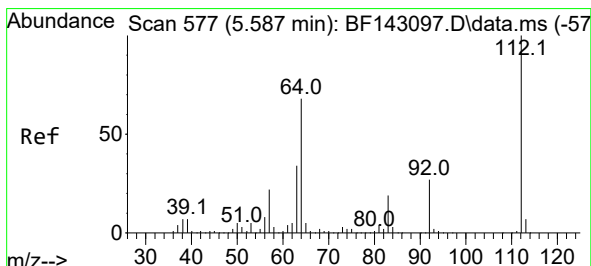
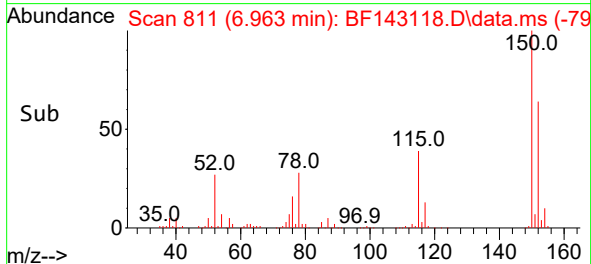
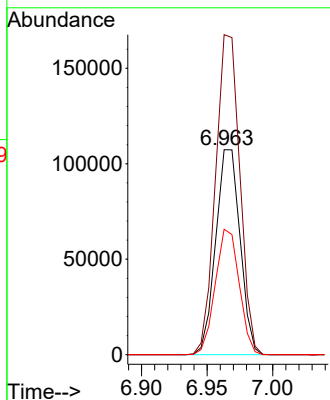
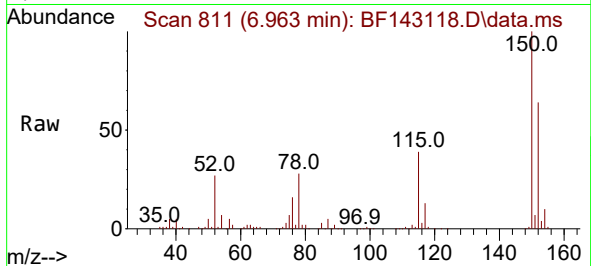




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

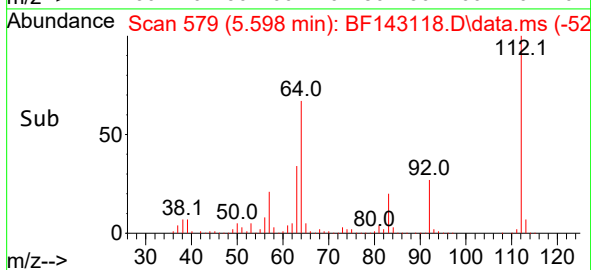
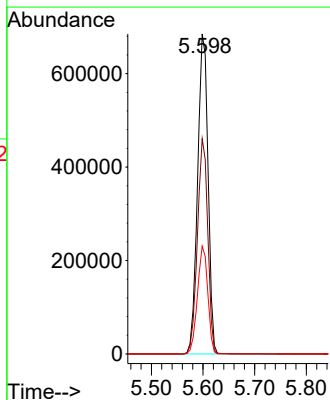
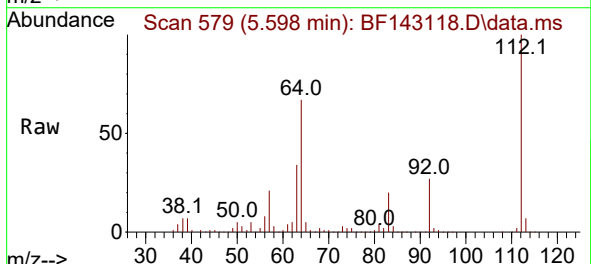
Instrument :
BNA_F
ClientSampleId :
PB168854BL

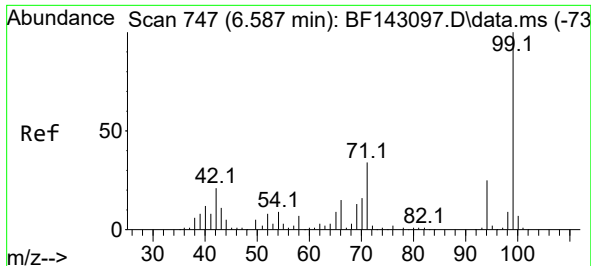
Tgt Ion:152 Resp: 138731
Ion Ratio Lower Upper
152 100
150 156.1 126.5 189.7
115 61.2 47.0 70.6



#5
2-Fluorophenol
Concen: 109.546 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

Tgt Ion:112 Resp: 961902
Ion Ratio Lower Upper
112 100
64 67.2 54.6 82.0
63 33.7 27.3 40.9

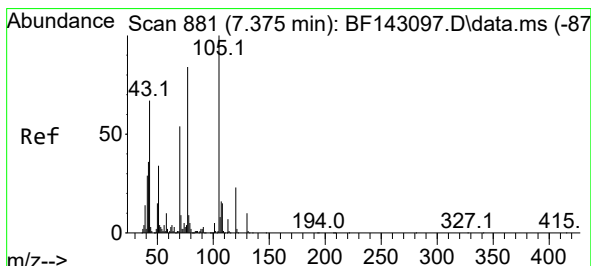
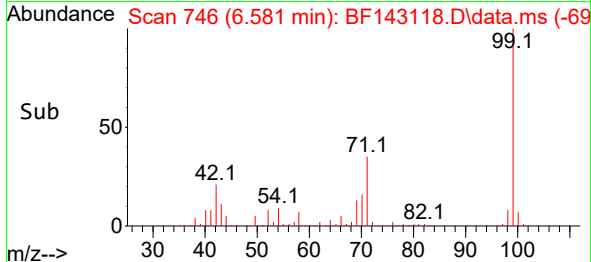
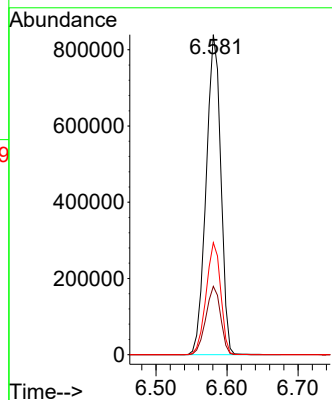
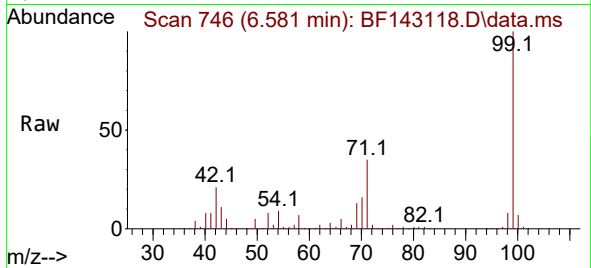




#7
Phenol-d6
Concen: 109.654 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

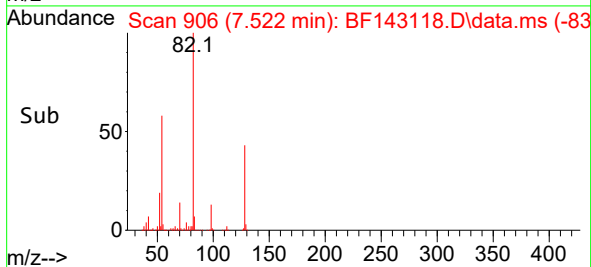
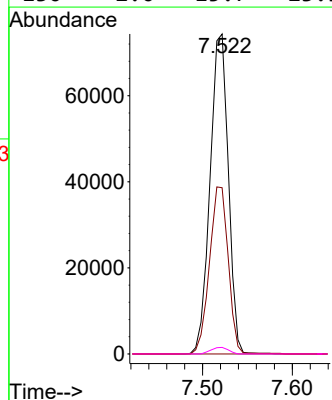
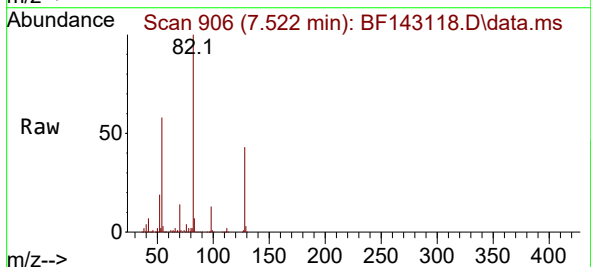
Instrument :
BNA_F
ClientSampleId :
PB168854BL

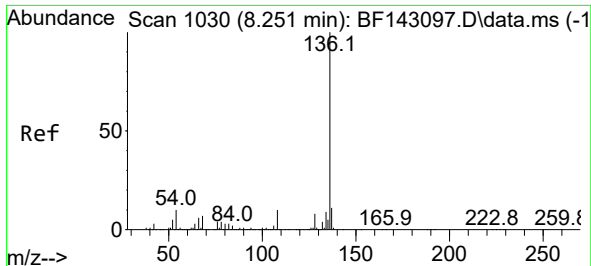
Tgt Ion: 99 Resp: 1210302
Ion Ratio Lower Upper
99 100
42 21.4 17.2 25.8
71 35.0 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.561 ng
RT: 7.522 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

Tgt Ion: 70 Resp: 105228
Ion Ratio Lower Upper
70 100
42 52.0 53.2 79.8#
101 0.0 7.5 11.3#
130 2.0 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143118.D

Acq: 16 Jul 2025 20:09

Instrument :

BNA_F

ClientSampleId :

PB168854BL

Tgt Ion:136 Resp: 528830

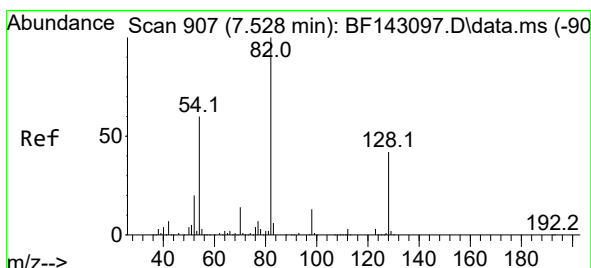
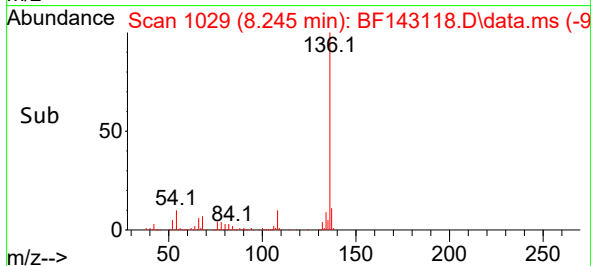
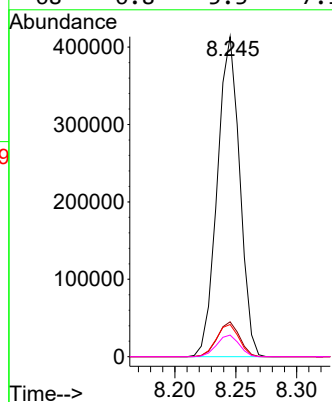
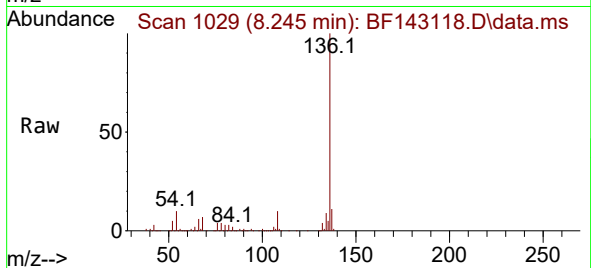
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 10.1 8.3 12.5

68 6.8 5.3 7.9



#23

Nitrobenzene-d5

Concen: 81.998 ng

RT: 7.522 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143118.D

Acq: 16 Jul 2025 20:09

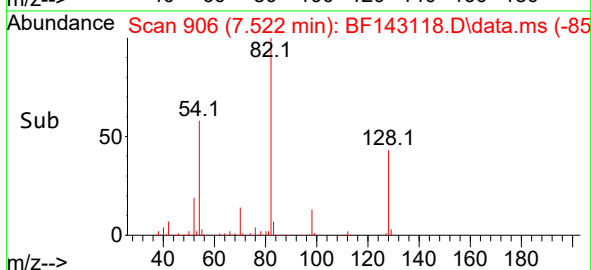
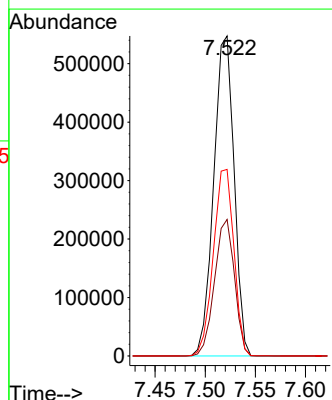
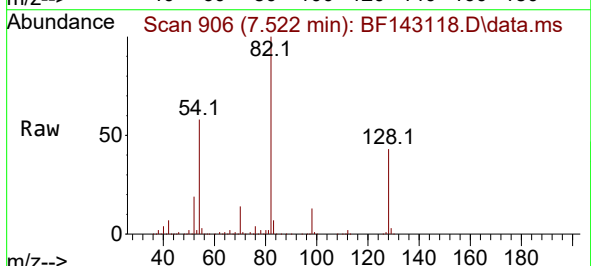
Tgt Ion: 82 Resp: 772988

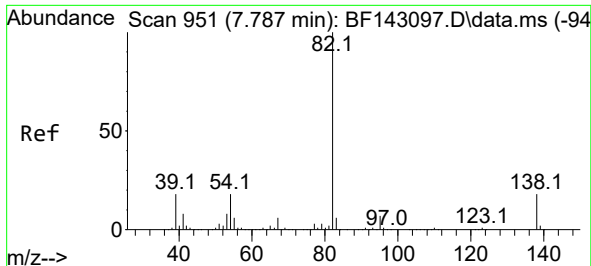
Ion Ratio Lower Upper

82 100

128 42.7 33.3 49.9

54 58.3 47.4 71.2

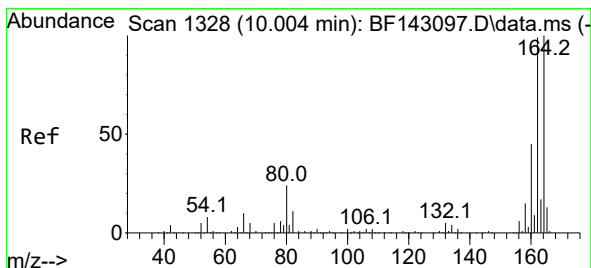
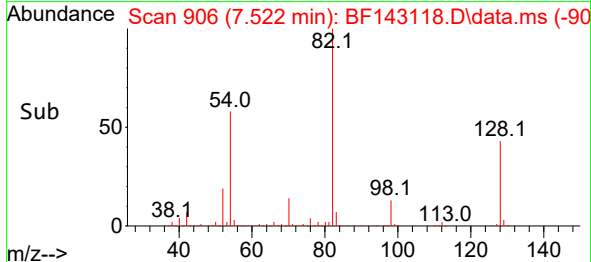
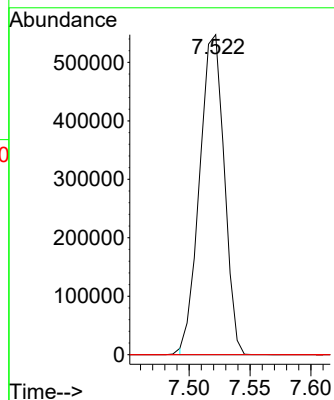
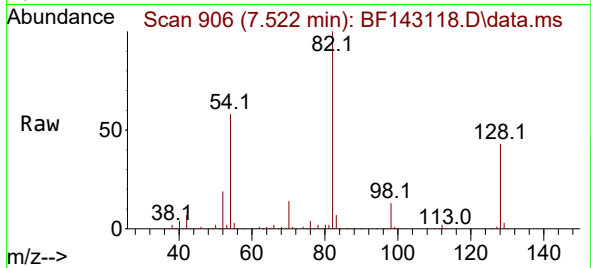




#25
Isophorone
Concen: 42.193 ng
RT: 7.522 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

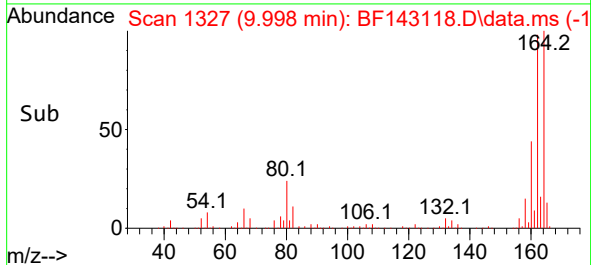
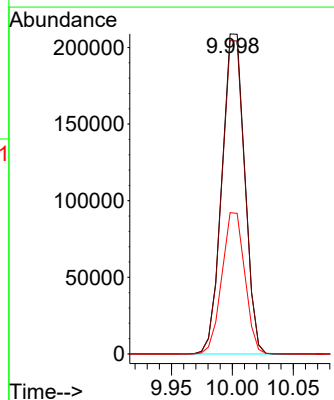
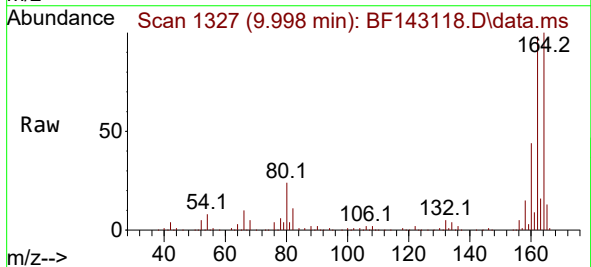
Instrument :
BNA_F
ClientSampleId :
PB168854BL

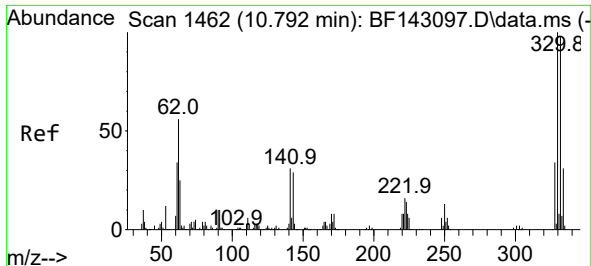
Tgt Ion: 82 Resp: 768785
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.3 21.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

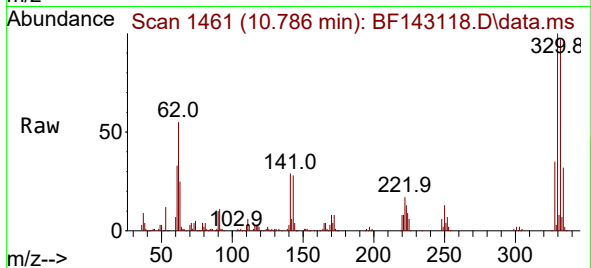
Tgt Ion: 164 Resp: 273109
Ion Ratio Lower Upper
164 100
162 97.9 79.0 118.6
160 44.2 35.8 53.6



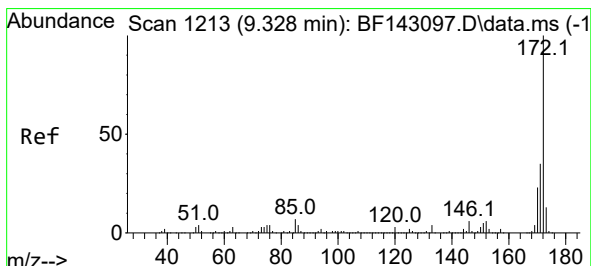
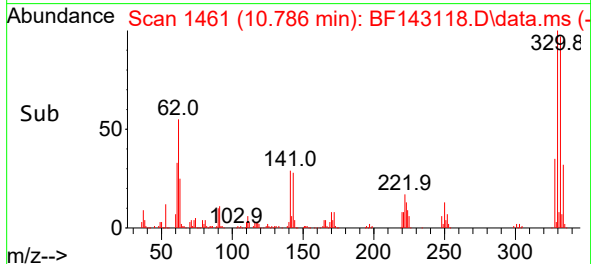
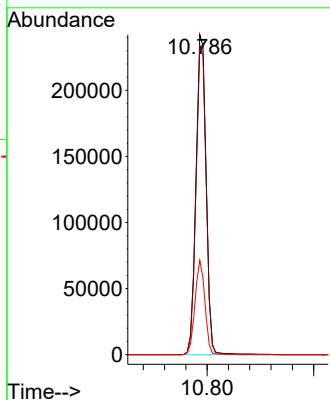


#42
2,4,6-Tribromophenol
Concen: 131.209 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

Instrument :
BNA_F
ClientSampleId :
PB168854BL

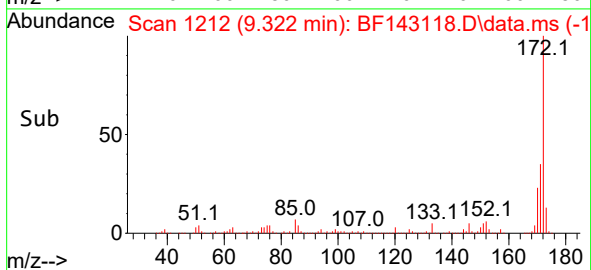
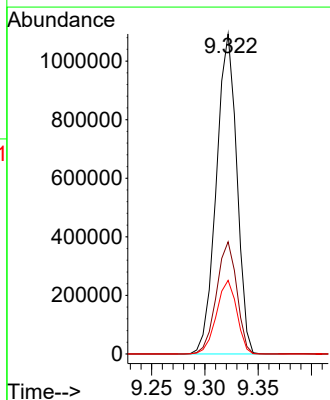
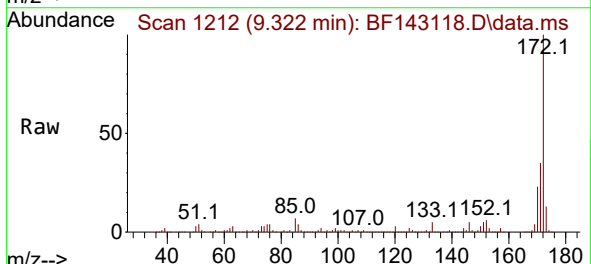


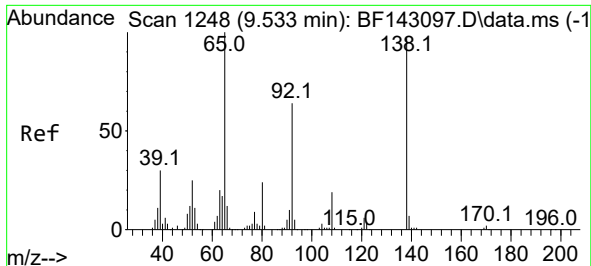
Tgt Ion:330 Resp: 319517
Ion Ratio Lower Upper
330 100
332 96.4 77.9 116.9
141 28.9 25.9 38.9



#45
2-Fluorobiphenyl
Concen: 70.782 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

Tgt Ion:172 Resp: 1454255
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.0 18.6 28.0





#48

2-Nitroaniline

Concen: 3.654 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.211 min

Lab File: BF143118.D

Acq: 16 Jul 2025 20:09

Instrument :

BNA_F

ClientSampleId :

PB168854BL

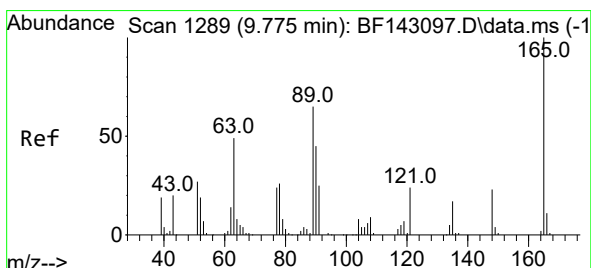
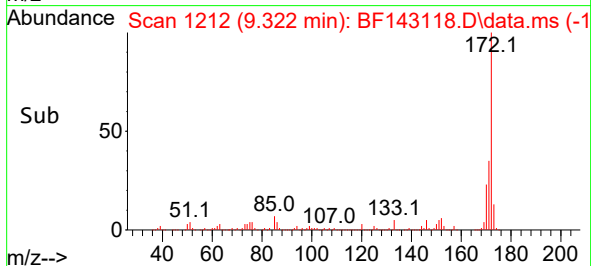
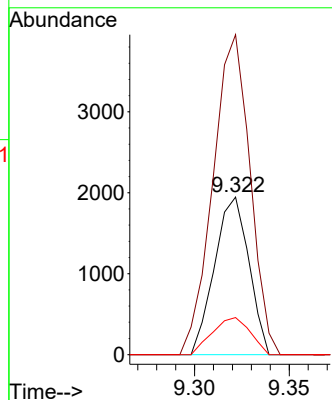
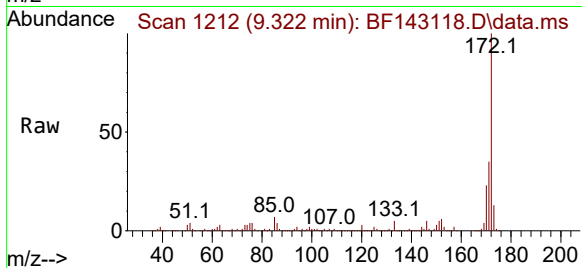
Tgt Ion: 65 Resp: 2450

Ion Ratio Lower Upper

65 100

92 203.1 51.3 76.9#

138 23.5 77.8 116.6#



#51

2,6-Dinitrotoluene

Concen: 12.399 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.223 min

Lab File: BF143118.D

Acq: 16 Jul 2025 20:09

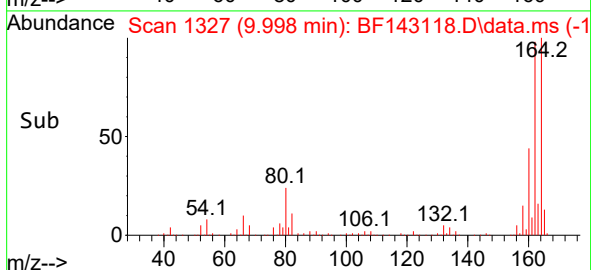
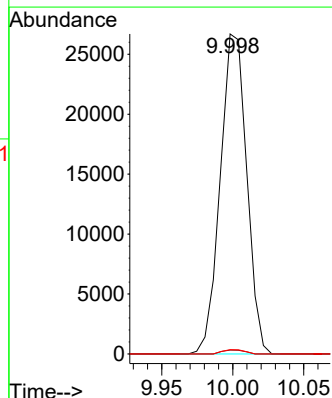
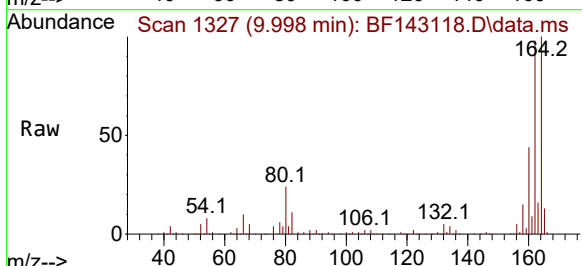
Tgt Ion:165 Resp: 34622

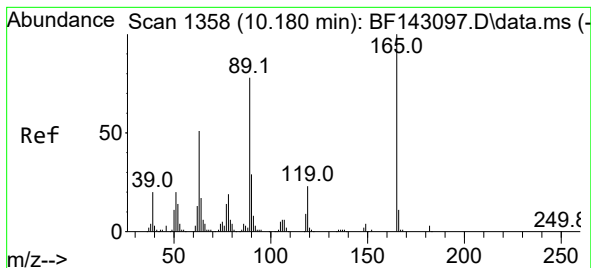
Ion Ratio Lower Upper

165 100

63 1.2 57.4 86.0#

89 1.4 51.8 77.8#

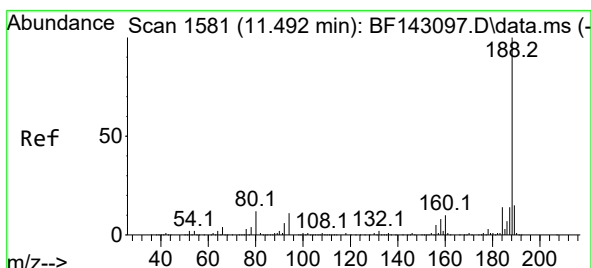
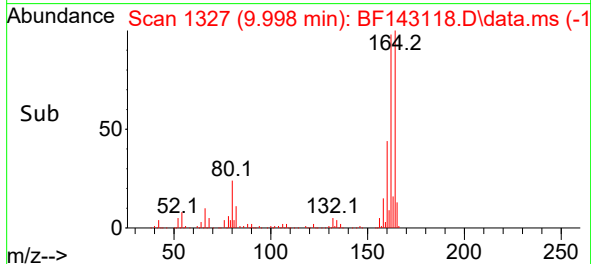
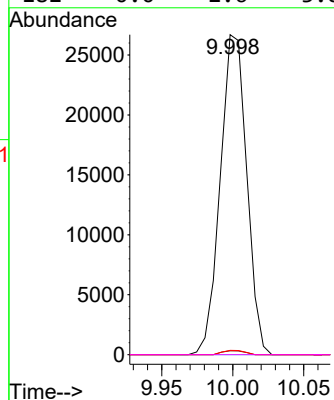
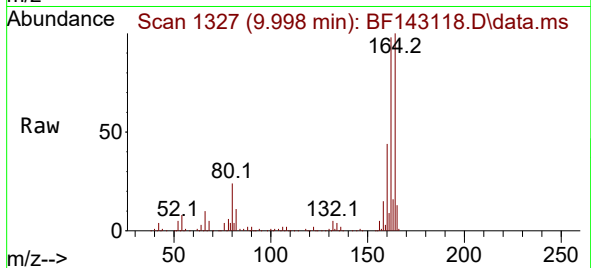




#57
2,4-Dinitrotoluene
Concen: 10.987 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.182 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

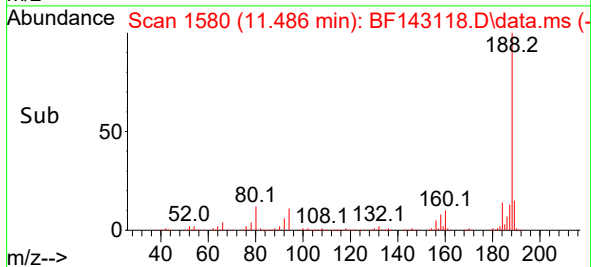
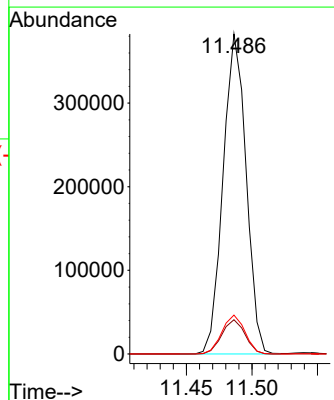
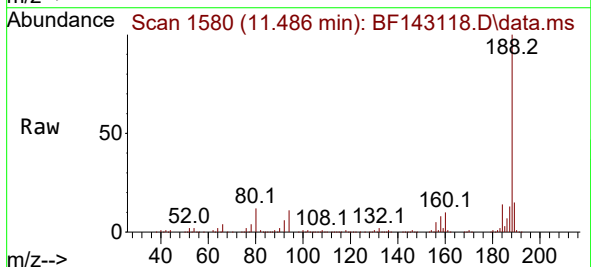
Instrument :
BNA_F
ClientSampleId :
PB168854BL

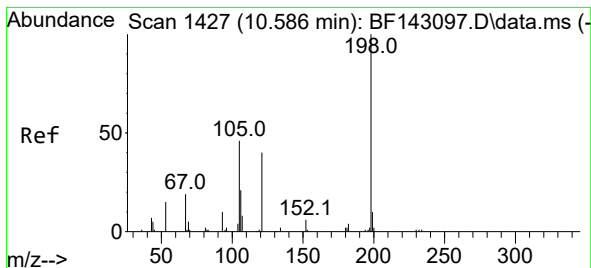
Tgt Ion:165 Resp: 34622
Ion Ratio Lower Upper
165 100
63 1.2 40.6 61.0#
89 1.4 62.3 93.5#
182 0.0 2.6 3.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

Tgt Ion:188 Resp: 466923
Ion Ratio Lower Upper
188 100
94 10.7 8.6 13.0
80 12.2 9.3 13.9

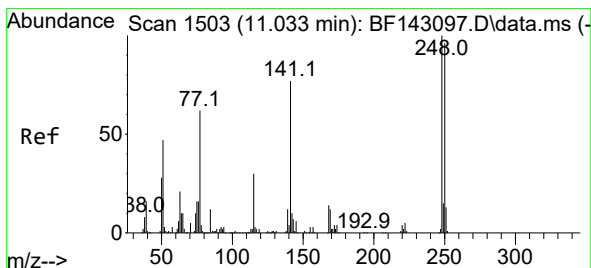
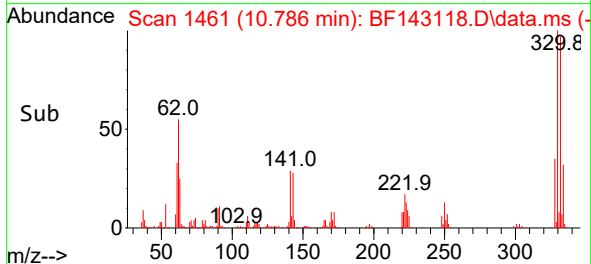
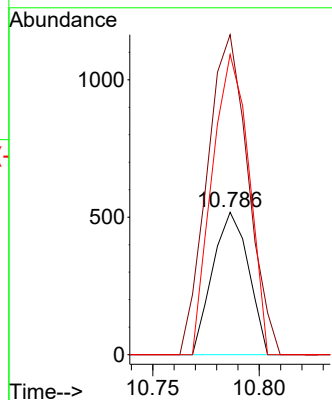
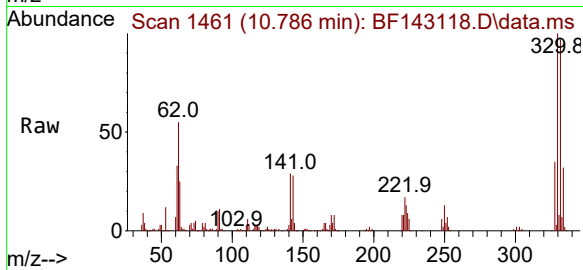




#65
4,6-Dinitro-2-methylphenol
Concen: 5.827 ng
RT: 10.786 min Scan# 1427
Delta R.T. 0.200 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

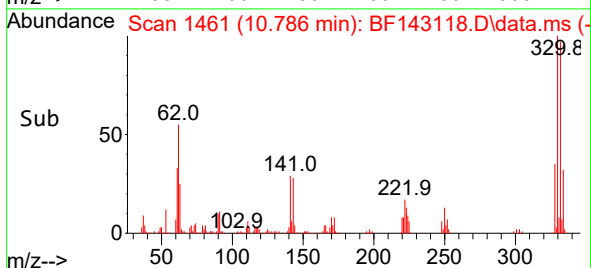
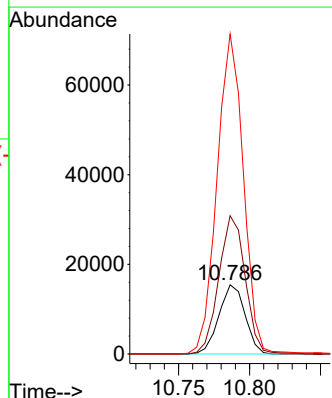
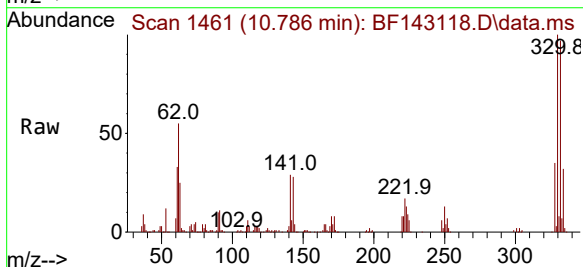
Instrument :
BNA_F
ClientSampleId :
PB168854BL

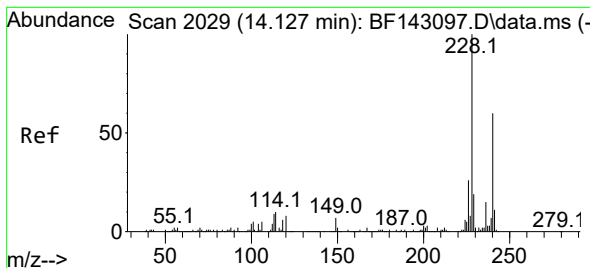
Tgt Ion:198 Resp: 607
Ion Ratio Lower Upper
198 100
51 224.7 44.6 84.6#
105 210.8 29.3 69.3#



#67
4-Bromophenyl-phenylether
Concen: 3.714 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

Tgt Ion:248 Resp: 19719
Ion Ratio Lower Upper
248 100
250 199.9 76.7 115.1#
141 462.8 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2029

Delta R.T. -0.000 min

Lab File: BF143118.D

Acq: 16 Jul 2025 20:09

Instrument :

BNA_F

ClientSampleId :

PB168854BL

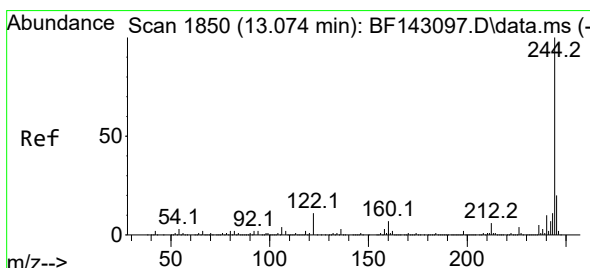
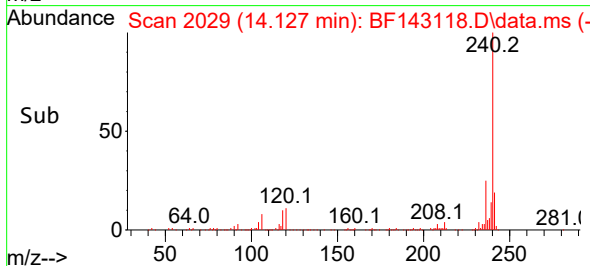
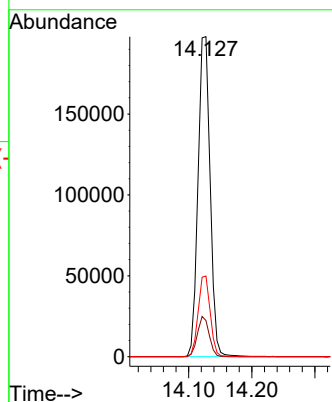
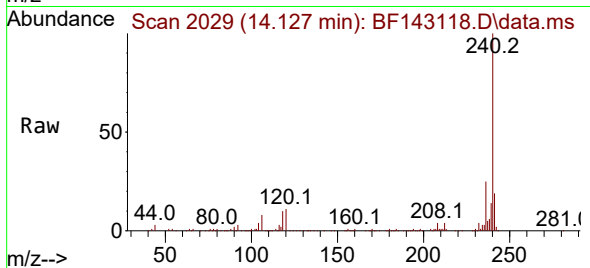
Tgt Ion:240 Resp: 262735

Ion Ratio Lower Upper

240 100

120 11.3 10.0 15.0

236 25.2 20.0 30.0



#79

Terphenyl-d14

Concen: 77.189 ng

RT: 13.074 min Scan# 1850

Delta R.T. -0.000 min

Lab File: BF143118.D

Acq: 16 Jul 2025 20:09

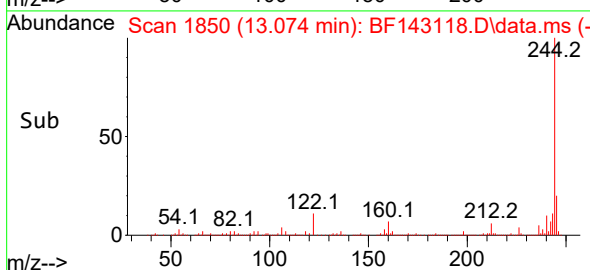
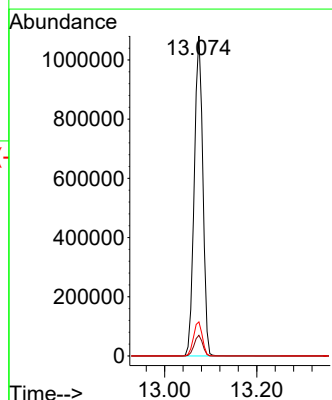
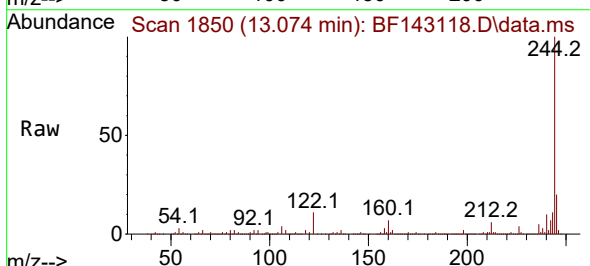
Tgt Ion:244 Resp: 1387334

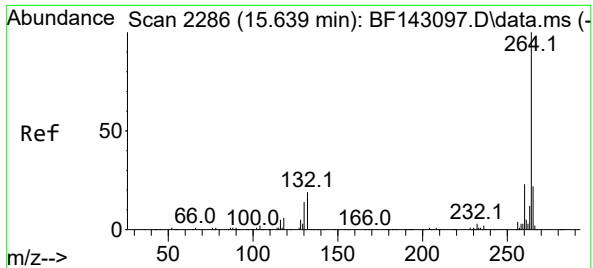
Ion Ratio Lower Upper

244 100

212 6.4 5.2 7.8

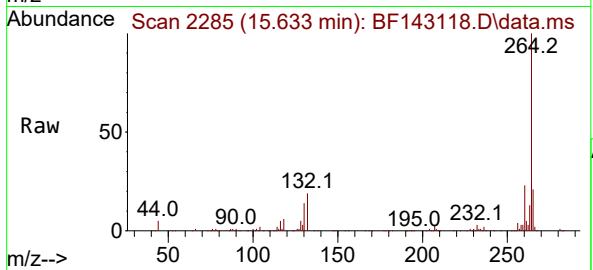
122 10.7 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF143118.D
 Acq: 16 Jul 2025 20:09

Instrument :
 BNA_F
 ClientSampleId :
 PB168854BL



Tgt Ion:264 Resp: 225267
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.5 27.7
 265 20.6 17.5 26.3

