

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

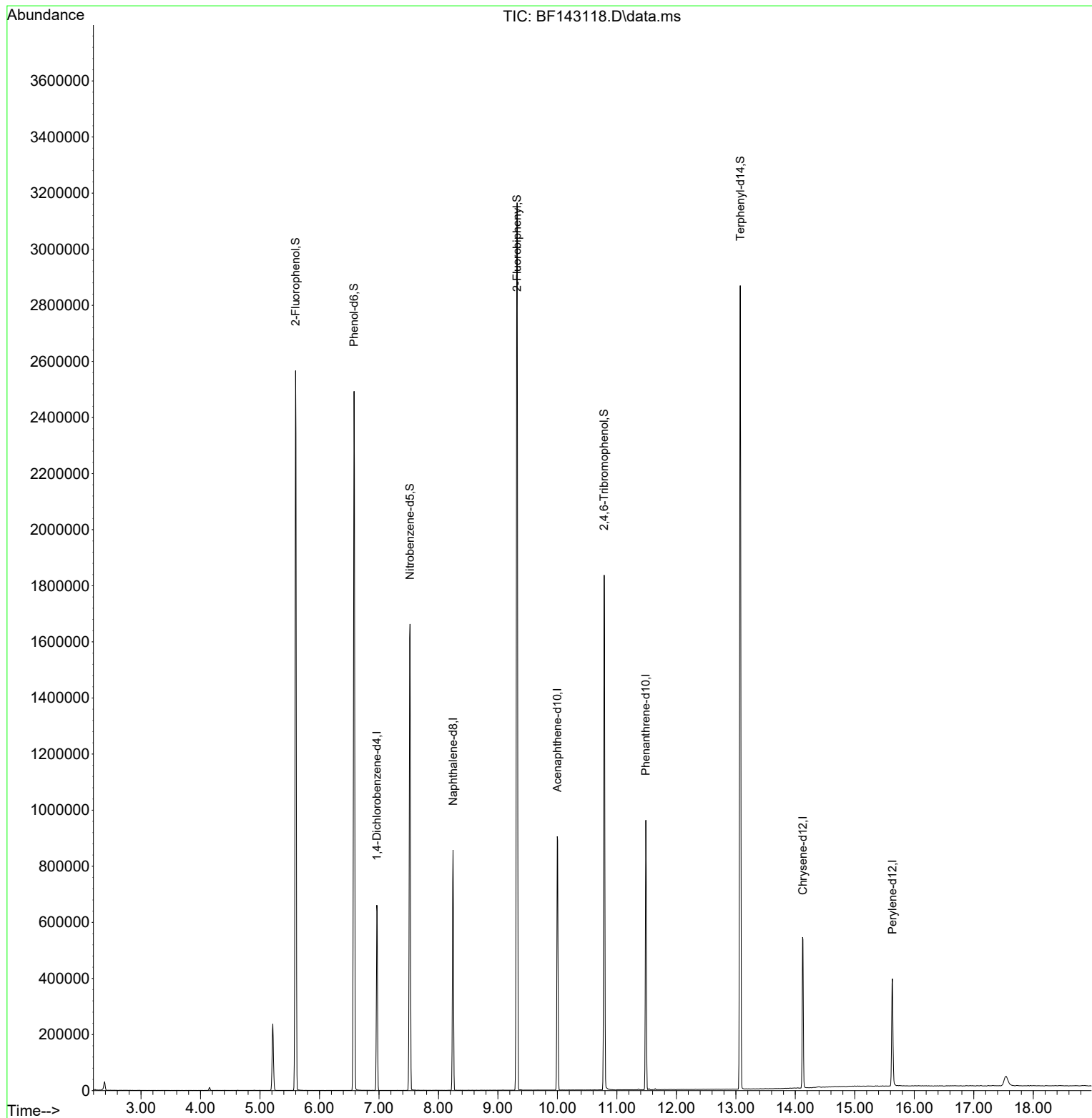
Target Compounds	Qvalue

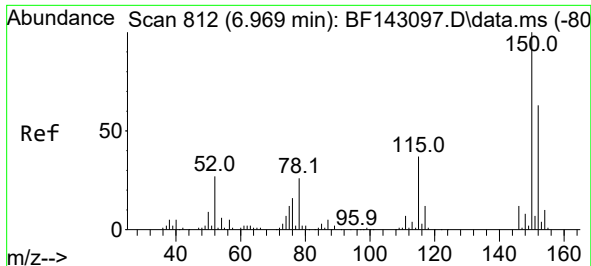
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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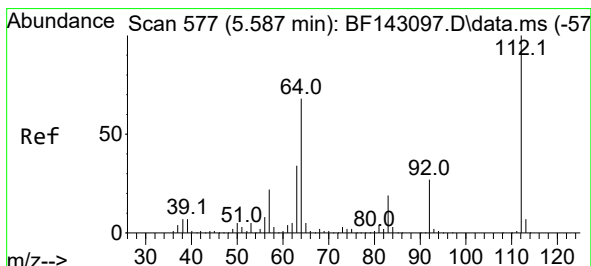
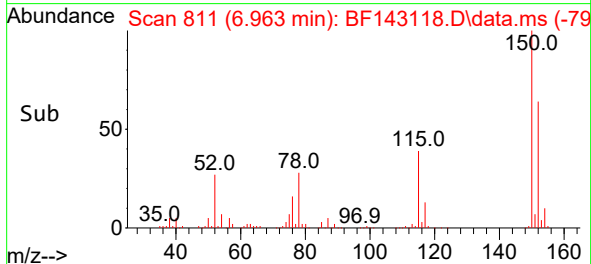
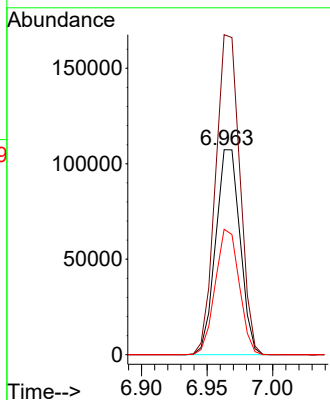
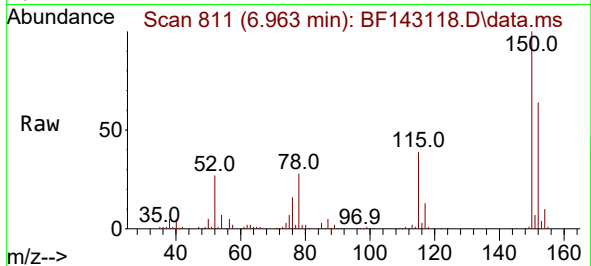




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

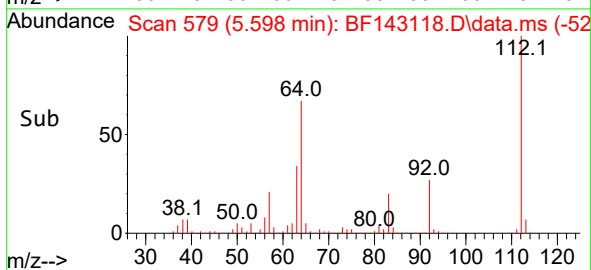
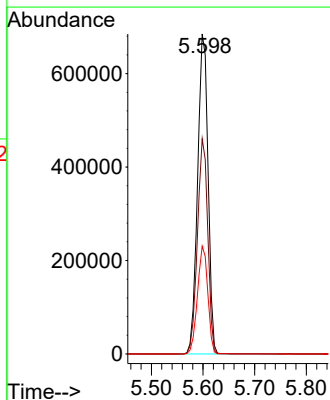
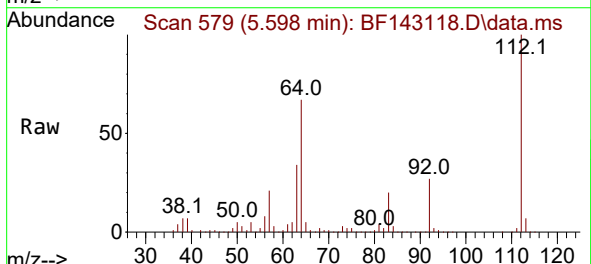
Instrument :
BNA_F
ClientSampleId :
PB168854BL

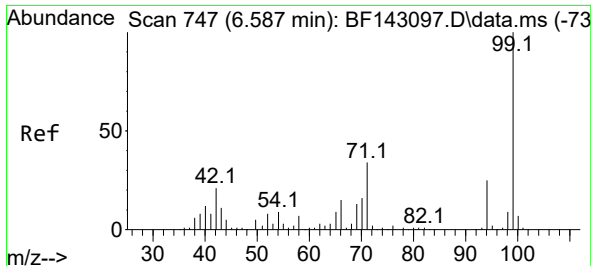
Tgt Ion:152 Resp: 138731
Ion Ratio Lower Upper
152 100
150 156.1 126.5 189.7
115 61.2 47.0 70.6



#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

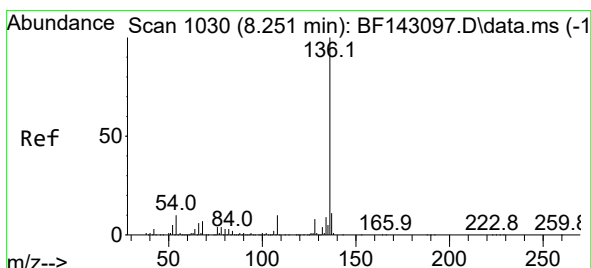
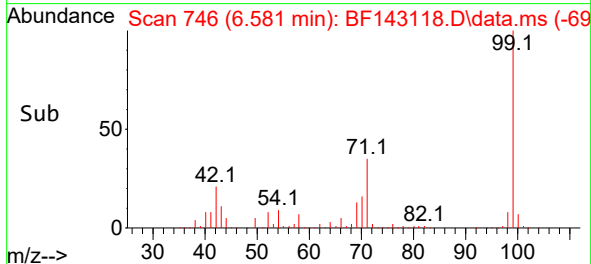
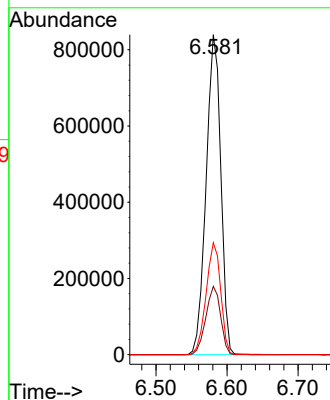
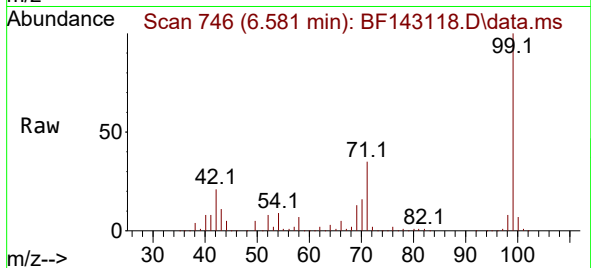




#7
Phenol-d6
Concen: 109.654 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

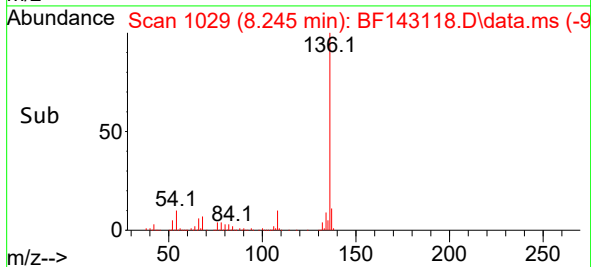
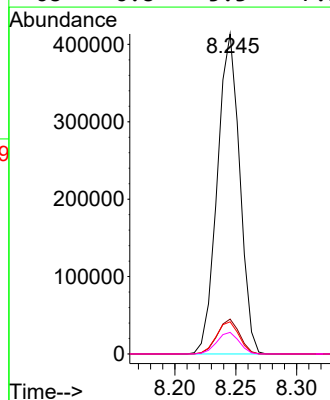
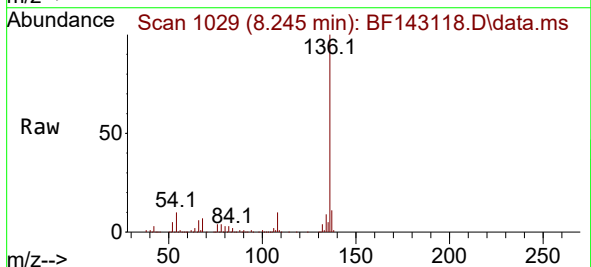
Instrument :
BNA_F
ClientSampleId :
PB168854BL

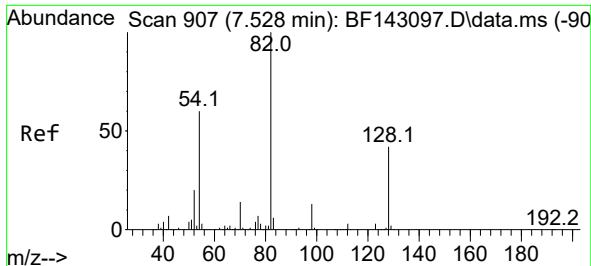
Tgt Ion: 99 Resp: 1210302
Ion Ratio Lower Upper
99 100
42 21.4 17.2 25.8
71 35.0 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

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# 907

Delta R.T. -0.006 min

Lab File: BF143118.D

Acq: 16 Jul 2025 20:09

Instrument :

BNA_F

ClientSampleId :

PB168854BL

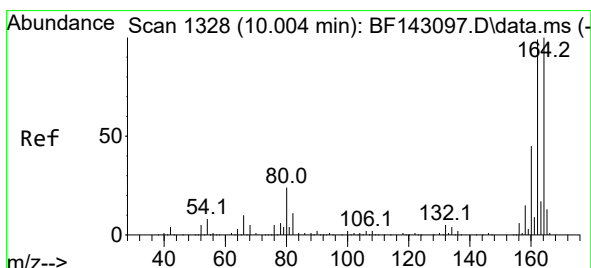
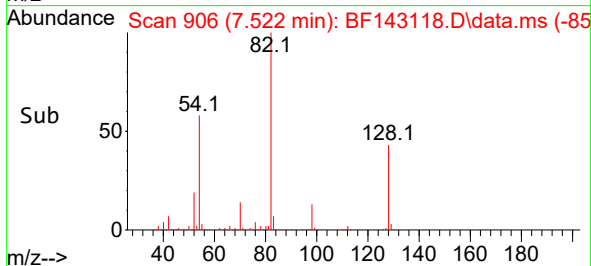
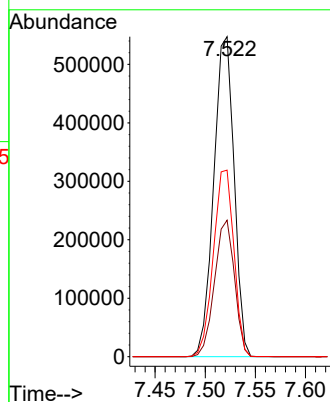
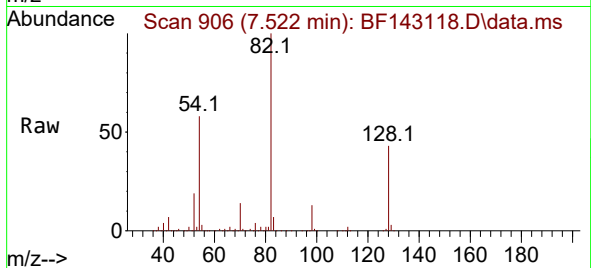
Tgt Ion: 82 Resp: 772988

Ion Ratio Lower Upper

82 100

128 42.7 33.3 49.9

54 58.3 47.4 71.2



#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

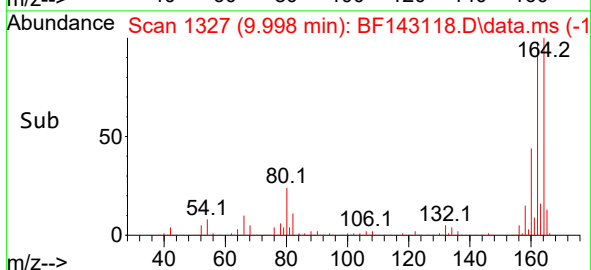
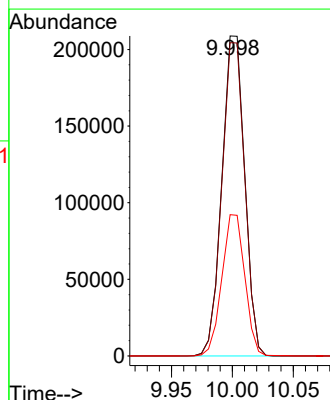
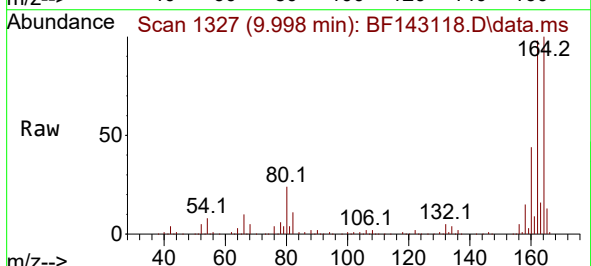
Tgt Ion: 164 Resp: 273109

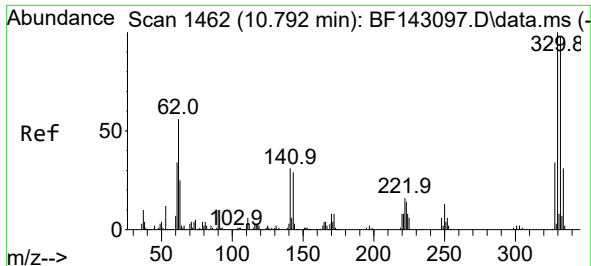
Ion Ratio Lower Upper

164 100

162 97.9 79.0 118.6

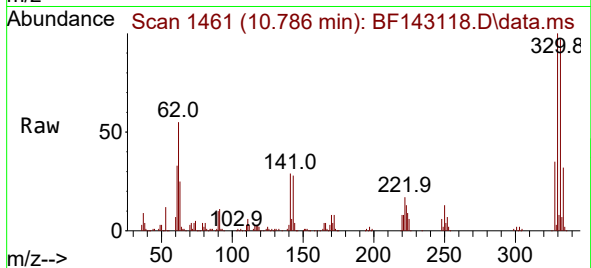
160 44.2 35.8 53.6



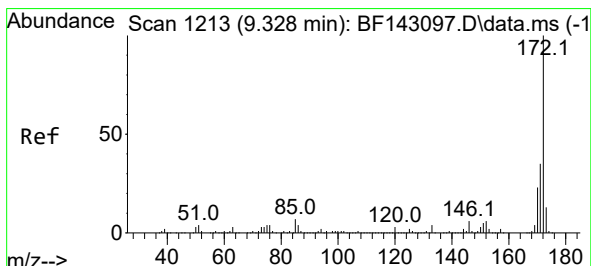
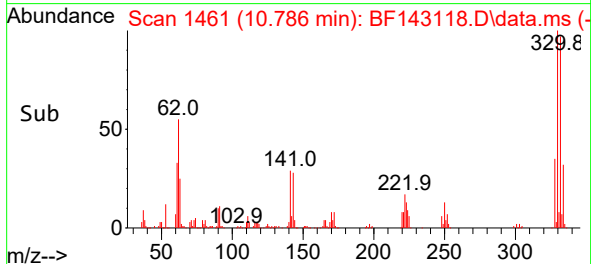
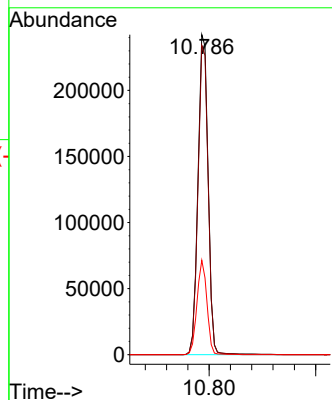


#42
2,4,6-Tribromophenol
Concen: 131.209 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

Instrument :
BNA_F
ClientSampleId :
PB168854BL

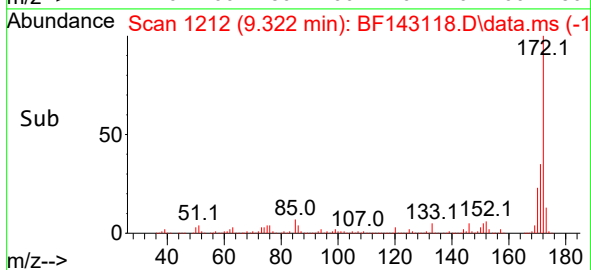
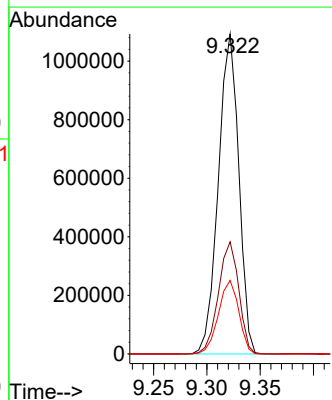
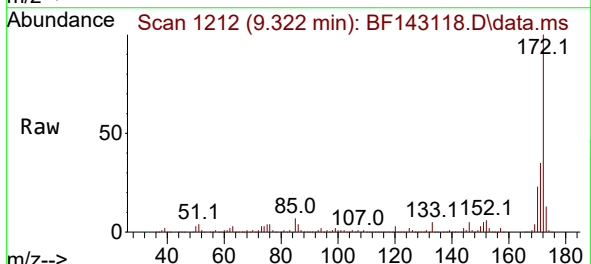


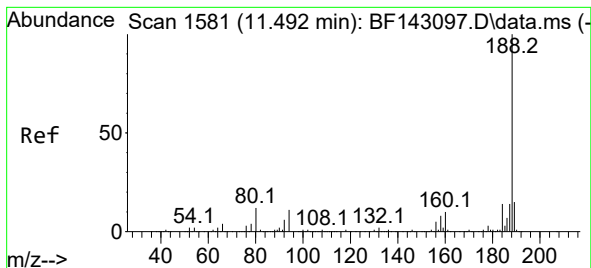
Tgt Ion:330 Resp: 319517
Ion Ratio Lower Upper
330 100
332 96.4 77.9 116.9
141 28.9 25.9 38.9



#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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143118.D

Acq: 16 Jul 2025 20:09

Instrument :

BNA_F

ClientSampleId :

PB168854BL

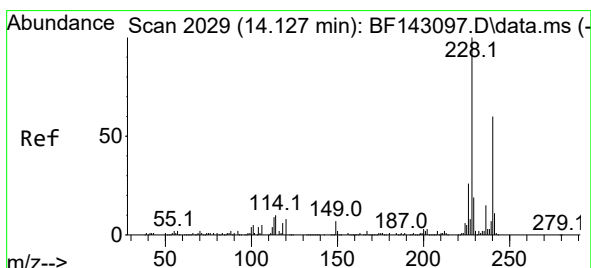
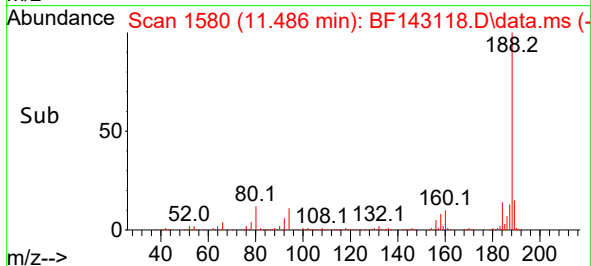
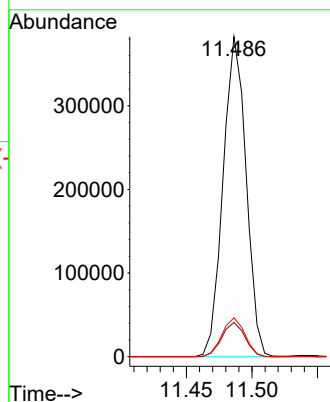
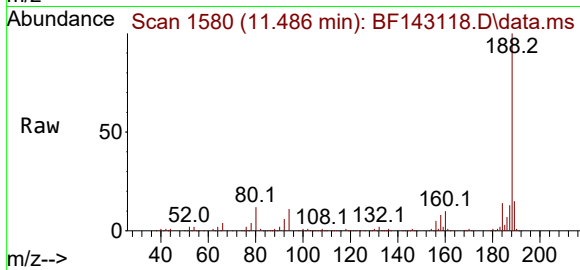
Tgt Ion:188 Resp: 466923

Ion Ratio Lower Upper

188 100

94 10.7 8.6 13.0

80 12.2 9.3 13.9



#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

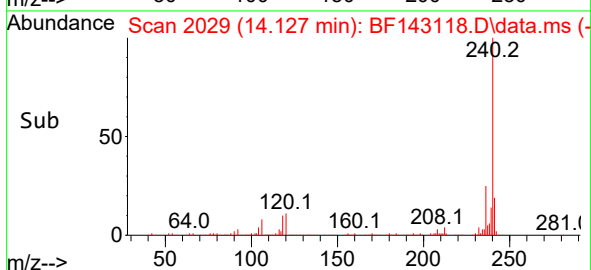
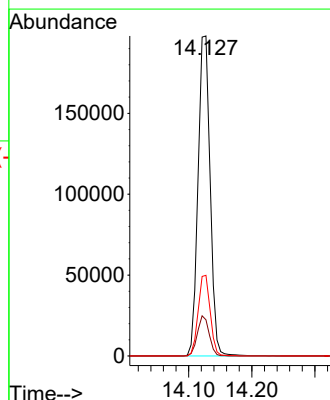
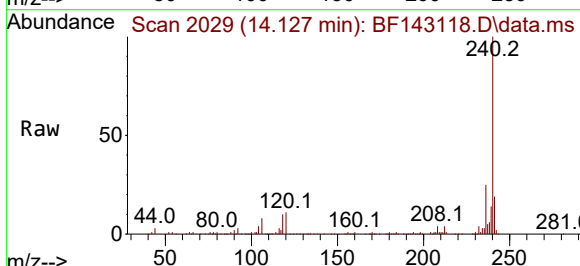
Tgt Ion:240 Resp: 262735

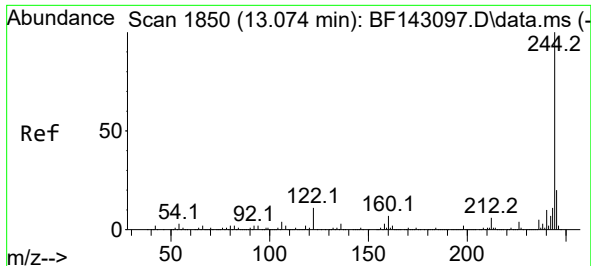
Ion Ratio Lower Upper

240 100

120 11.3 10.0 15.0

236 25.2 20.0 30.0

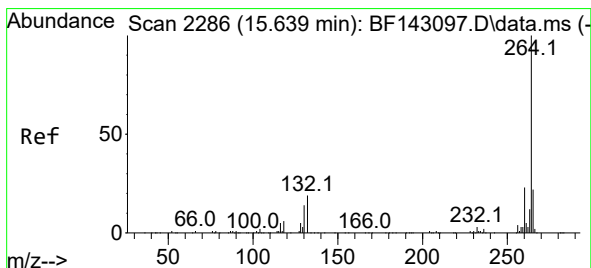
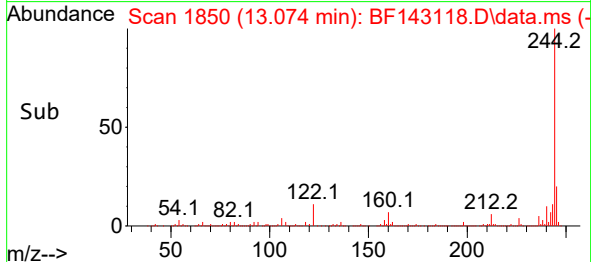
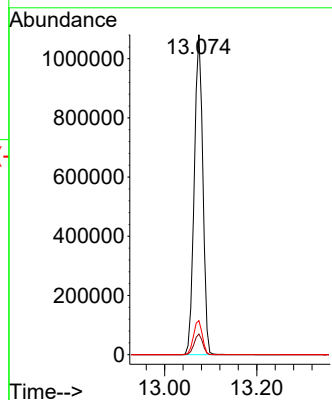
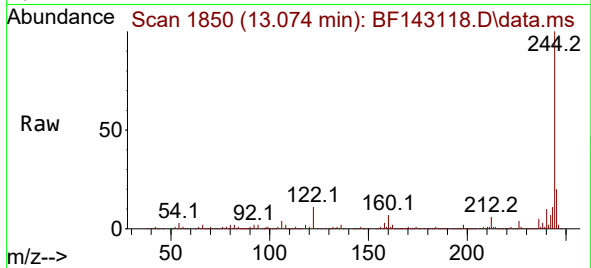




#79
 Terphenyl-d14
 Concen: 77.189 ng
 RT: 13.074 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143118.D
 Acq: 16 Jul 2025 20:09

Instrument :
 BNA_F
 ClientSampleId :
 PB168854BL

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# 2285
 Delta R.T. -0.006 min
 Lab File: BF143118.D
 Acq: 16 Jul 2025 20:09

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

