

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
 Data File : BF143164.D
 Acq On : 18 Jul 2025 13:52
 Operator : RC/JU
 Sample : PB168904BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168904BL

Quant Time: Jul 18 14:13:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	144227	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	555488	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	293300	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	504948	20.000	ng	0.00
76) Chrysene-d12	14.116	240	280403	20.000	ng	0.00
86) Perylene-d12	15.621	264	285721	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	754293	82.761	ng	0.00
7) Phenol-d6	6.575	99	952370	83.019	ng	-0.01
23) Nitrobenzene-d5	7.516	82	883646	79.294	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	210370	69.430	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1626010	75.819	ng	0.00
79) Terphenyl-d14	13.069	244	1559712	82.774	ng	0.00

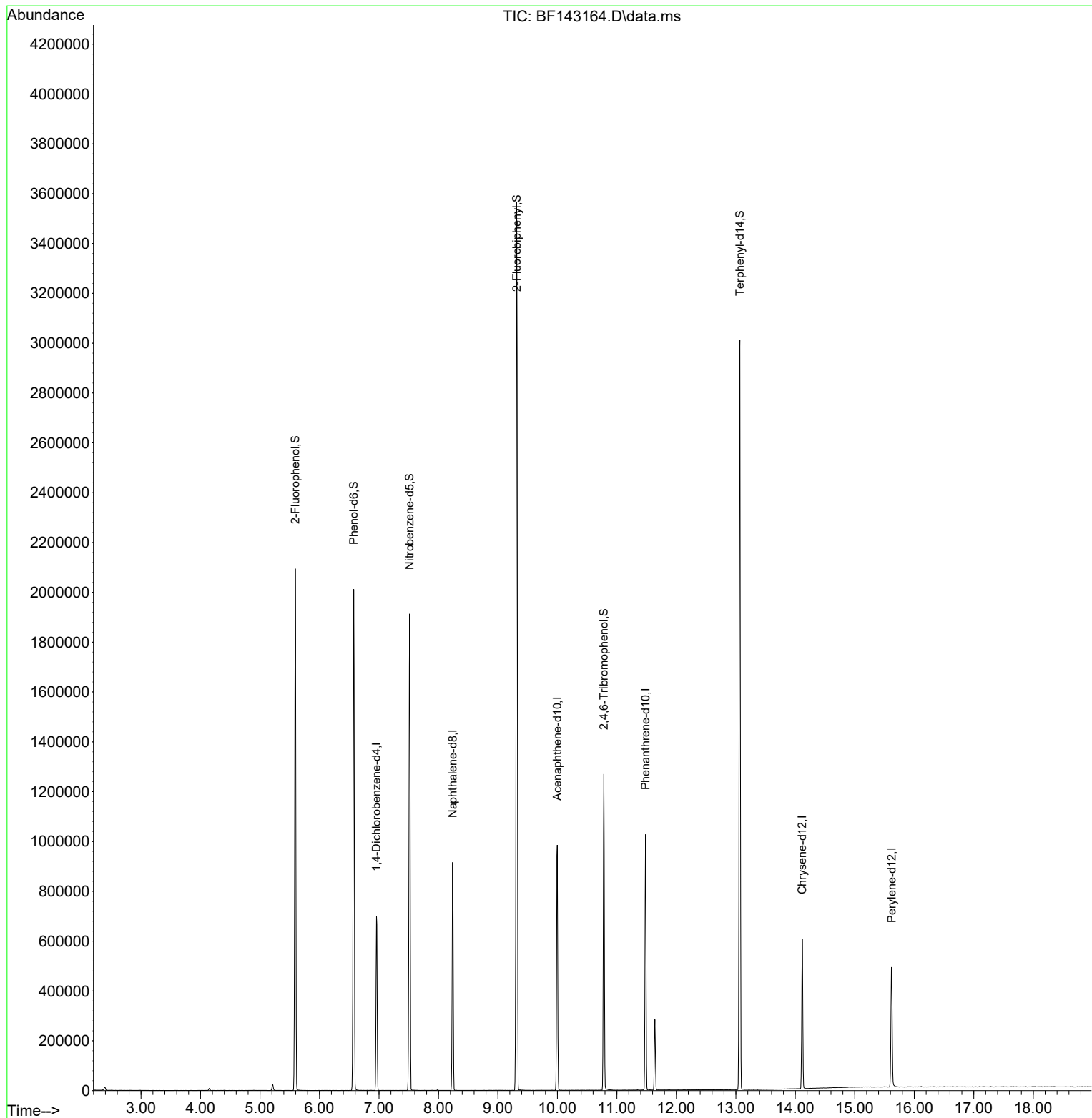
Target Compounds	Qvalue

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

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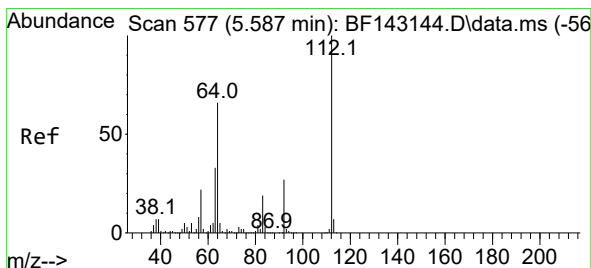
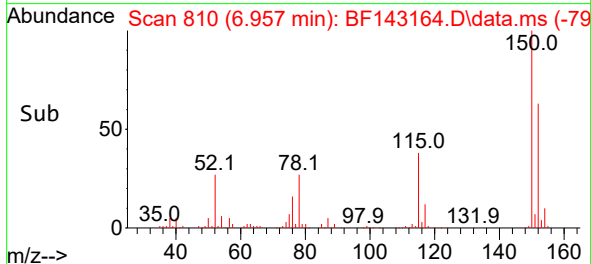
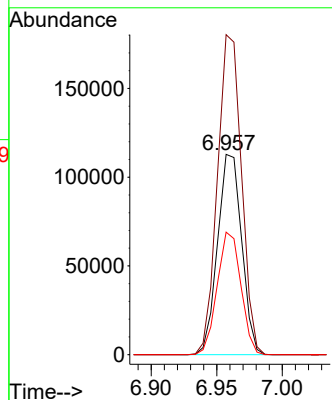
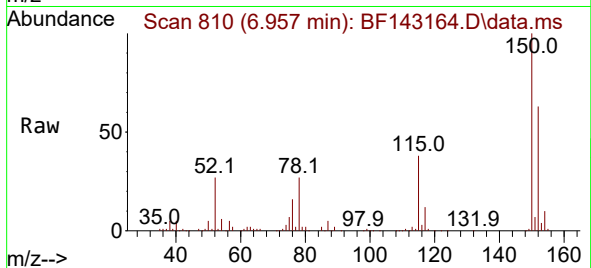




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF143164.D
Acq: 18 Jul 2025 13:52

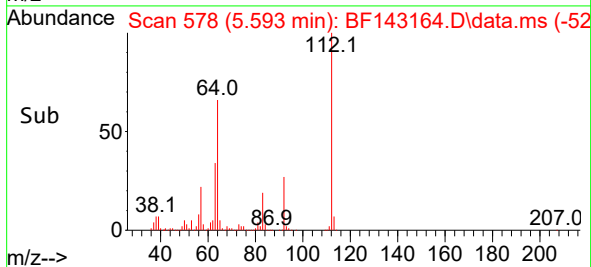
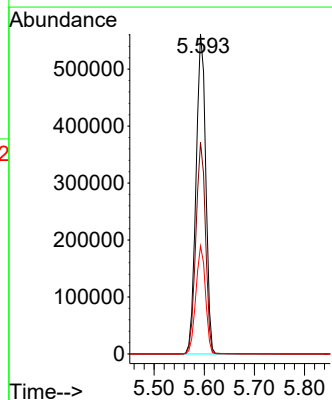
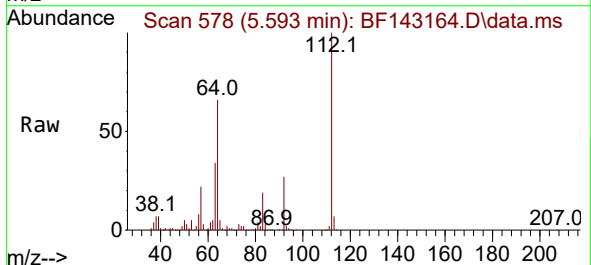
Instrument :
BNA_F
ClientSampleId :
PB168904BL

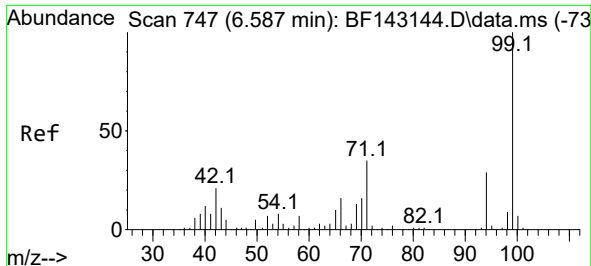
Tgt Ion:152 Resp: 144227
Ion Ratio Lower Upper
152 100
150 159.8 128.2 192.4
115 61.2 47.9 71.9



#5
2-Fluorophenol
Concen: 82.761 ng
RT: 5.593 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF143164.D
Acq: 18 Jul 2025 13:52

Tgt Ion:112 Resp: 754293
Ion Ratio Lower Upper
112 100
64 66.2 53.1 79.7
63 33.7 26.6 40.0

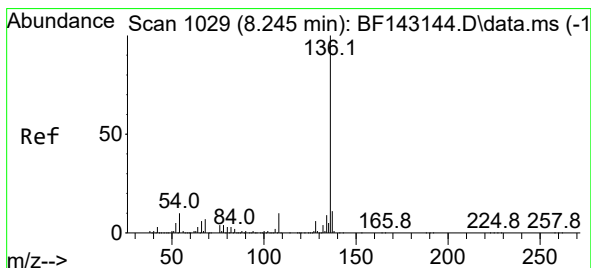
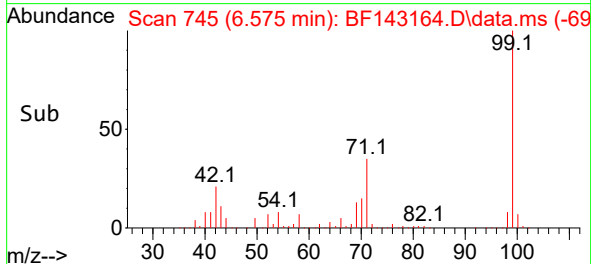
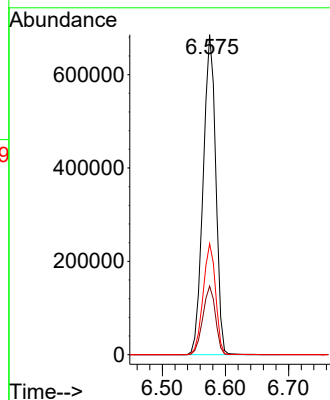
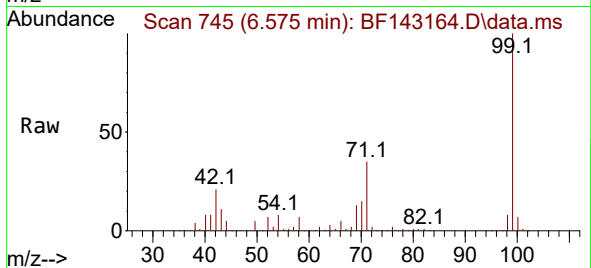




#7
Phenol-d6
Concen: 83.019 ng
RT: 6.575 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF143164.D
Acq: 18 Jul 2025 13:52

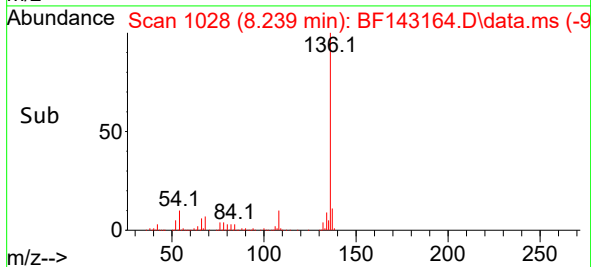
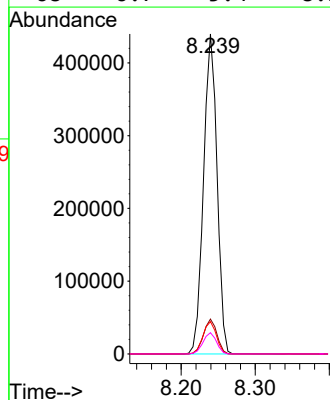
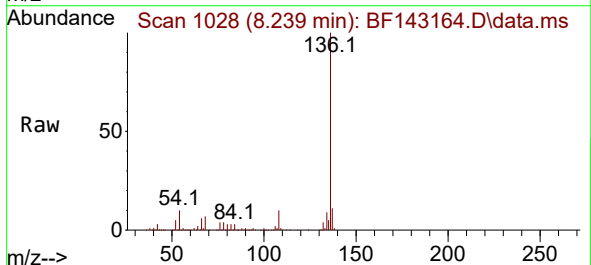
Instrument :
BNA_F
ClientSampleId :
PB168904BL

Tgt Ion: 99 Resp: 952370
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 34.6 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143164.D
Acq: 18 Jul 2025 13:52

Tgt Ion: 136 Resp: 555488
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.1 8.2 12.2
68 6.7 5.4 8.2





#23

Nitrobenzene-d5

Concen: 79.294 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143164.D

Acq: 18 Jul 2025 13:52

Instrument :

BNA_F

ClientSampleId :

PB168904BL

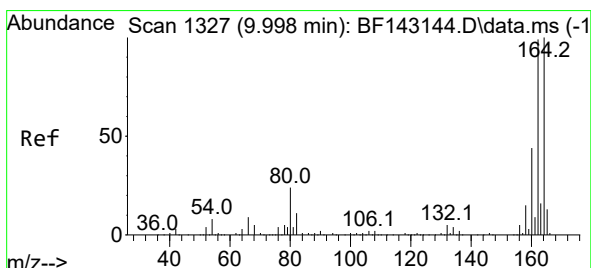
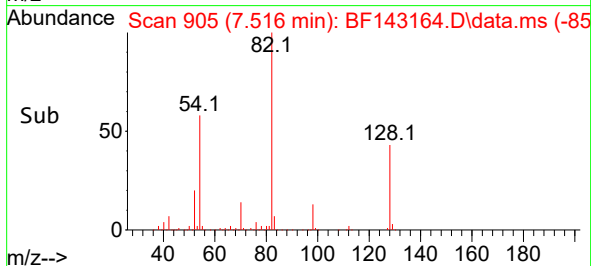
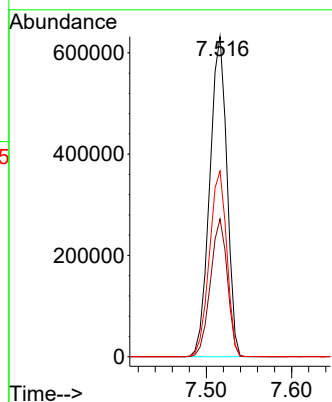
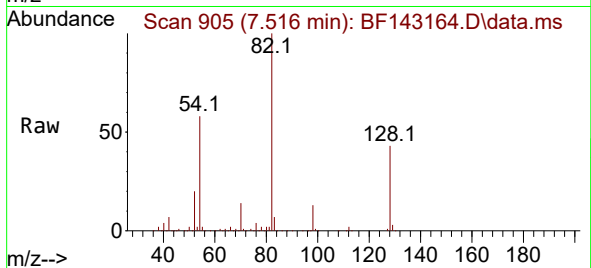
Tgt Ion: 82 Resp: 883646

Ion Ratio Lower Upper

82 100

128 43.1 33.6 50.4

54 58.0 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF143164.D

Acq: 18 Jul 2025 13:52

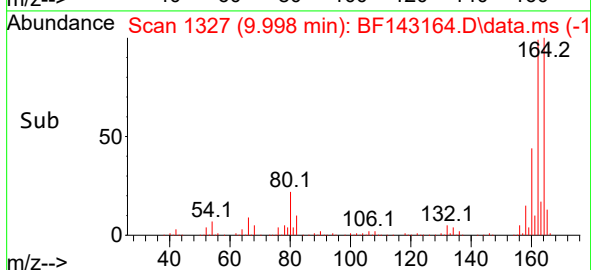
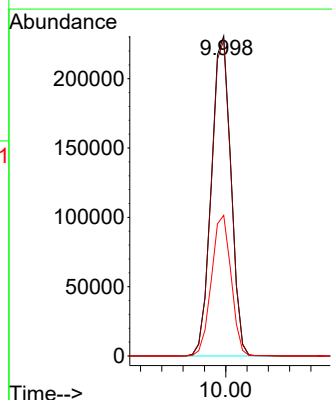
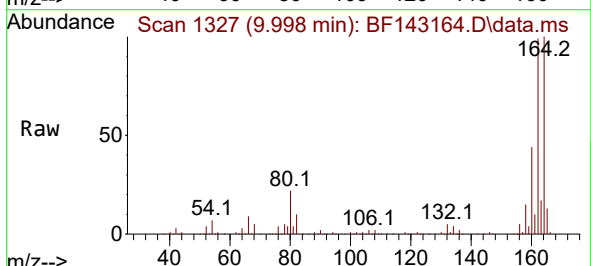
Tgt Ion:164 Resp: 293300

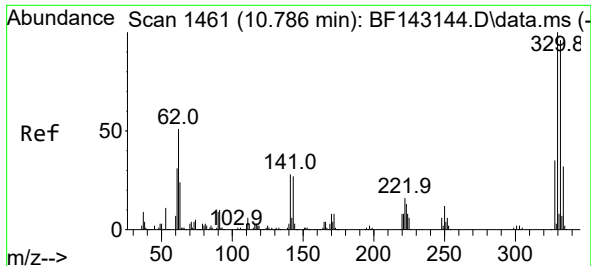
Ion Ratio Lower Upper

164 100

162 98.7 79.0 118.6

160 43.9 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 69.430 ng

RT: 10.780 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF143164.D

Acq: 18 Jul 2025 13:52

Instrument :

BNA_F

ClientSampleId :

PB168904BL

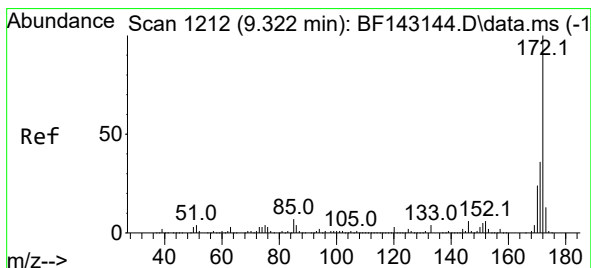
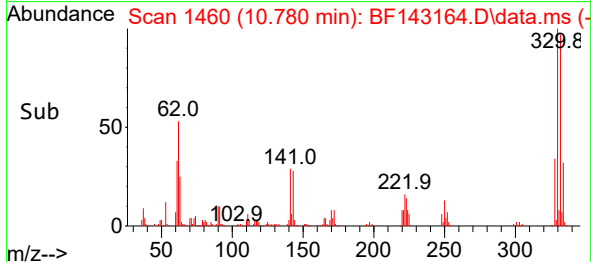
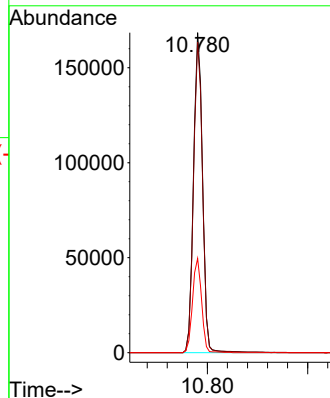
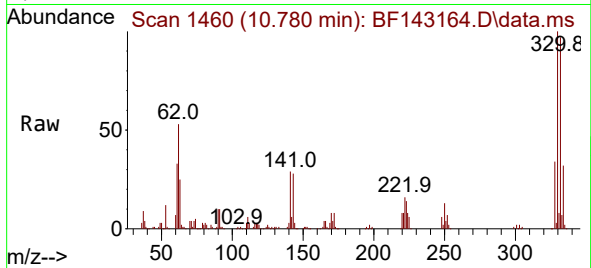
Tgt Ion:330 Resp: 210370

Ion Ratio Lower Upper

330 100

332 97.4 76.7 115.1

141 29.5 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 75.819 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143164.D

Acq: 18 Jul 2025 13:52

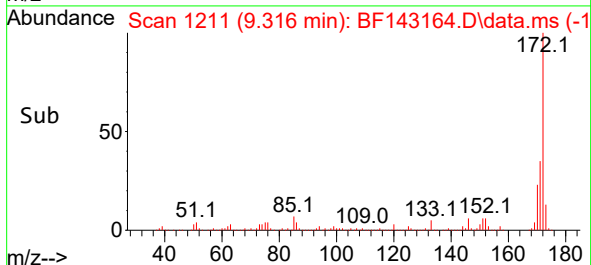
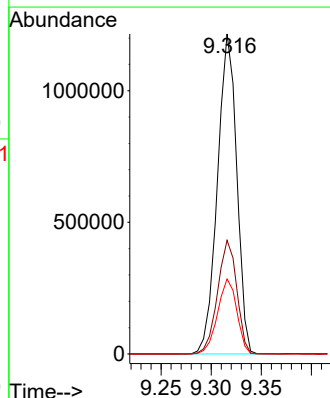
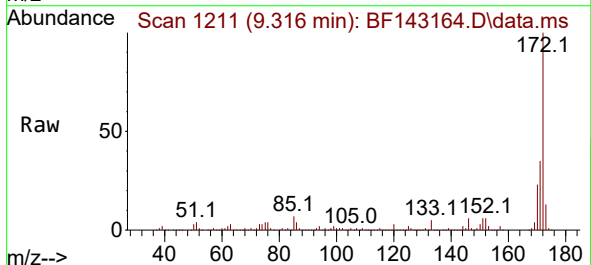
Tgt Ion:172 Resp: 1626010

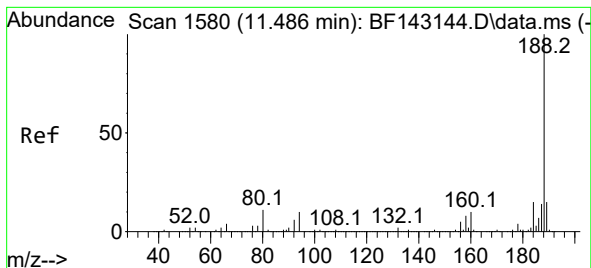
Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.4 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.480 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143164.D

Acq: 18 Jul 2025 13:52

Instrument :

BNA_F

ClientSampleId :

PB168904BL

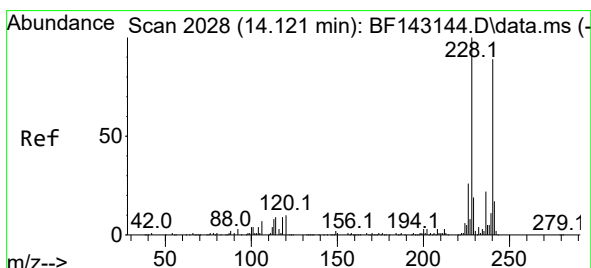
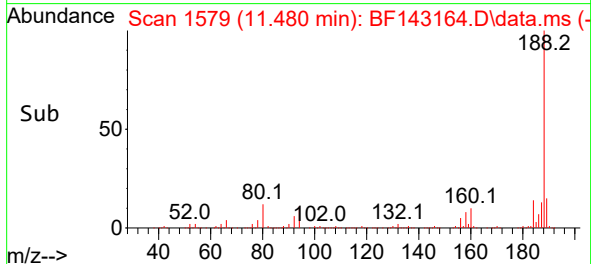
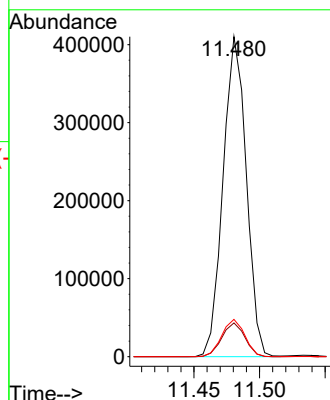
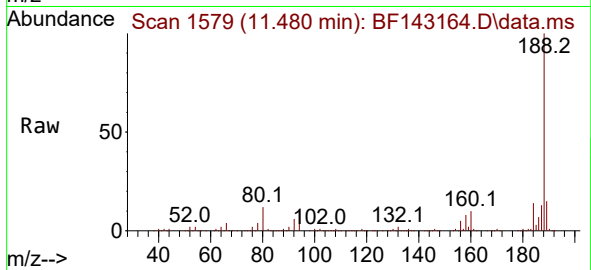
Tgt Ion:188 Resp: 504948

Ion Ratio Lower Upper

188 100

94 10.5 8.3 12.5

80 11.7 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.116 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF143164.D

Acq: 18 Jul 2025 13:52

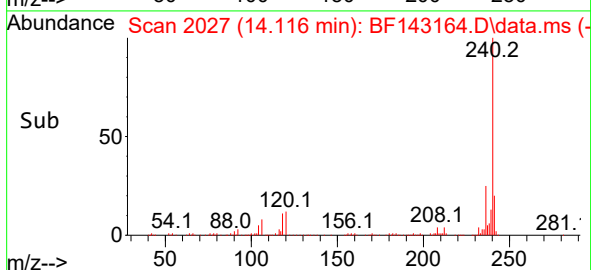
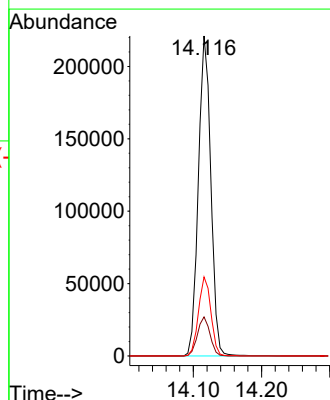
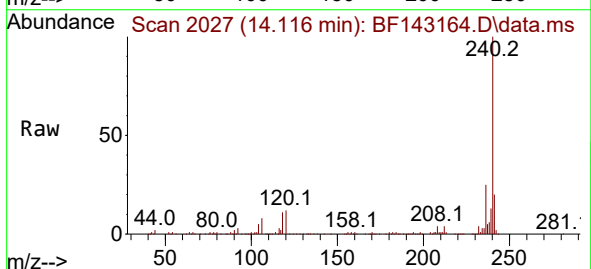
Tgt Ion:240 Resp: 280403

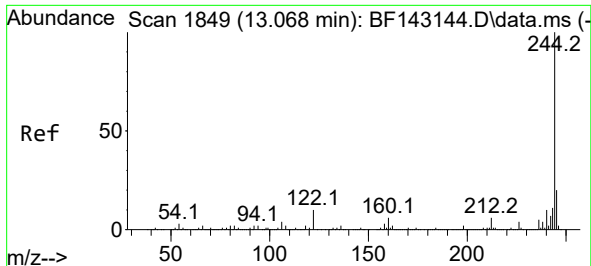
Ion Ratio Lower Upper

240 100

120 12.2 9.4 14.2

236 24.7 20.2 30.4

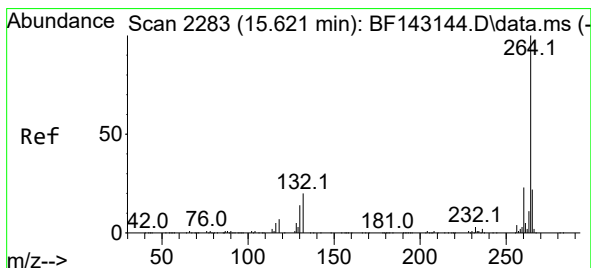
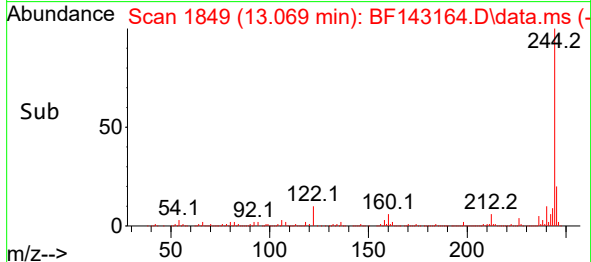
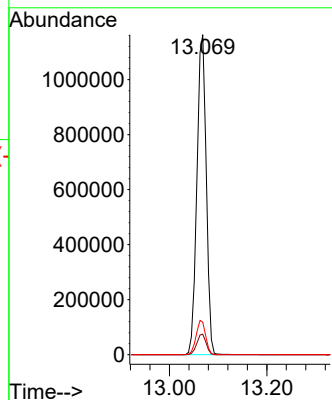
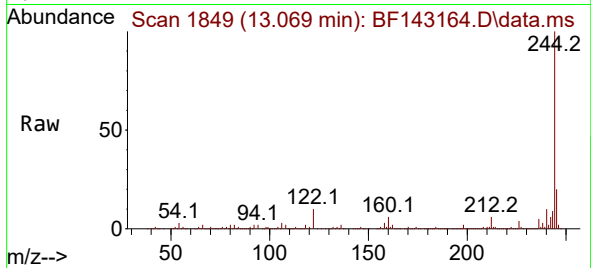




#79
 Terphenyl-d14
 Concen: 82.774 ng
 RT: 13.069 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF143164.D
 Acq: 18 Jul 2025 13:52

Instrument :
 BNA_F
 ClientSampleId :
 PB168904BL

Tgt Ion:244 Resp: 1559712
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.2 7.8
 122 10.1 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: BF143164.D
 Acq: 18 Jul 2025 13:52

Tgt Ion:264 Resp: 285721
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.5 27.7
 265 21.4 17.4 26.2

