

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
 Data File : BF143603.D
 Acq On : 27 Aug 2025 12:52
 Operator : RC/JU
 Sample : Q2924-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18C-082025

Quant Time: Aug 27 13:19:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 26 16:30:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	107445	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	403245	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	213409	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	297699	20.000	ng	0.00
76) Chrysene-d12	14.045	240	161336	20.000	ng	0.00
86) Perylene-d12	15.521	264	218565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	424790	67.289	ng	0.00
7) Phenol-d6	6.498	99	327985	41.947	ng	-0.01
23) Nitrobenzene-d5	7.451	82	637608	112.899	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	236633	141.790	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1186706	95.075	ng	0.00
79) Terphenyl-d14	12.992	244	871067	96.886	ng	0.00

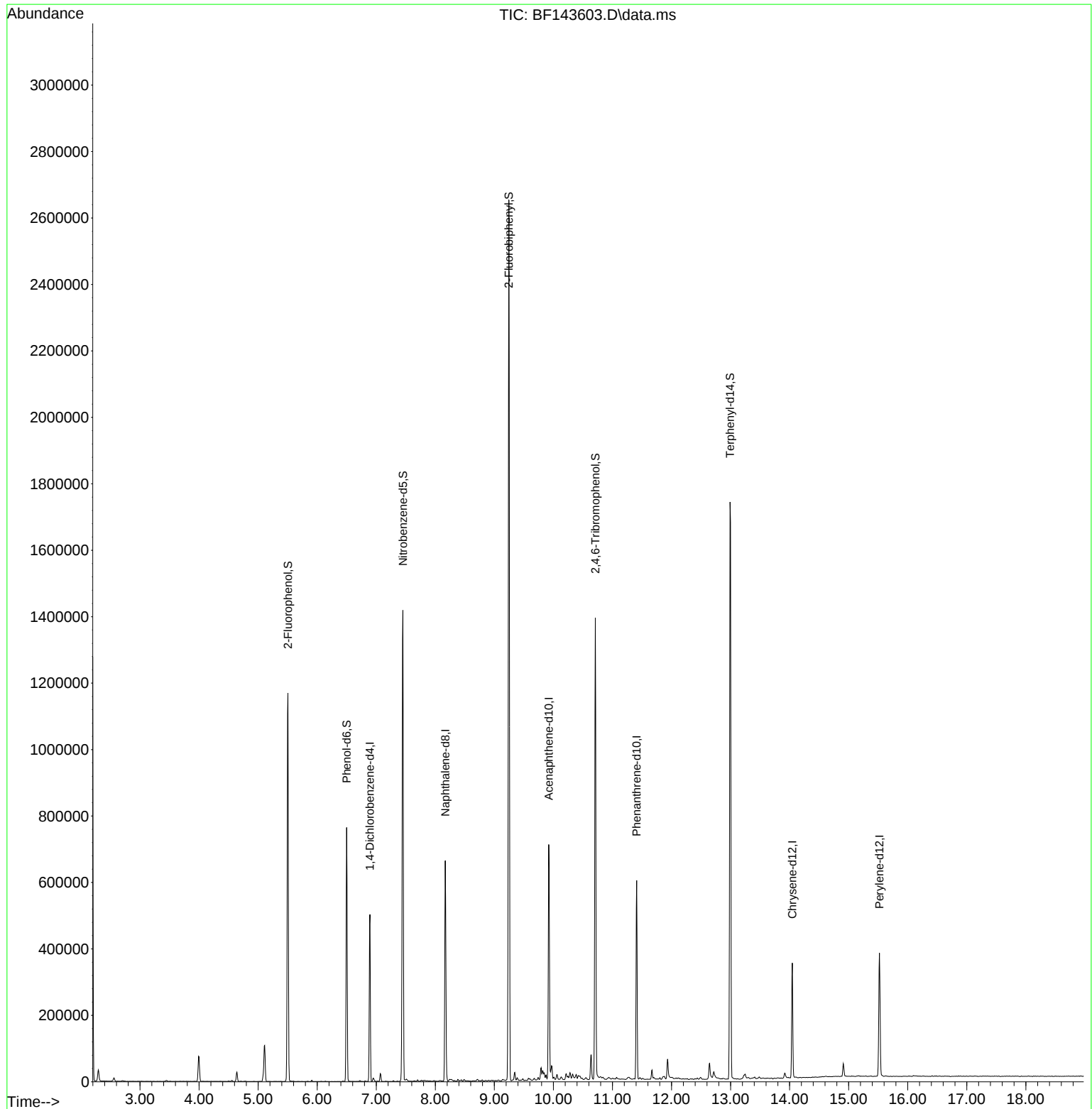
Target Compounds	Qvalue

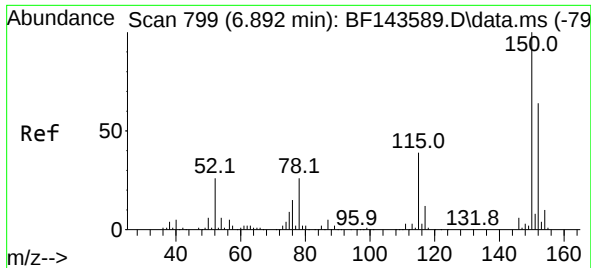
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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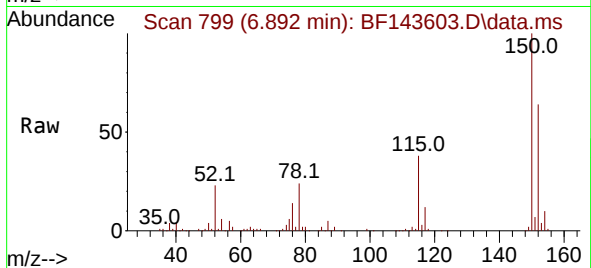
Quant Time: Aug 27 13:19:03 2025
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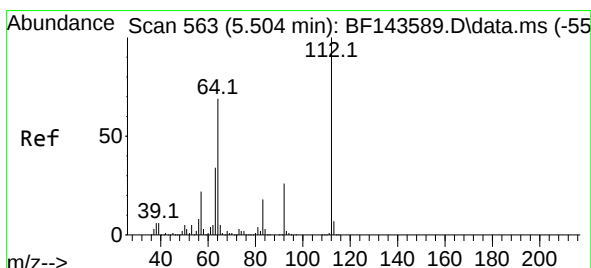
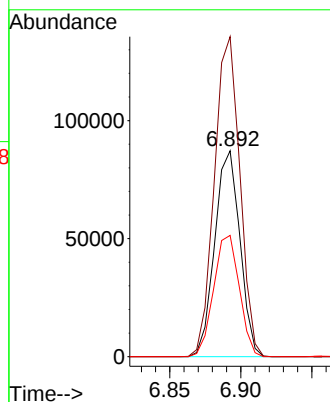
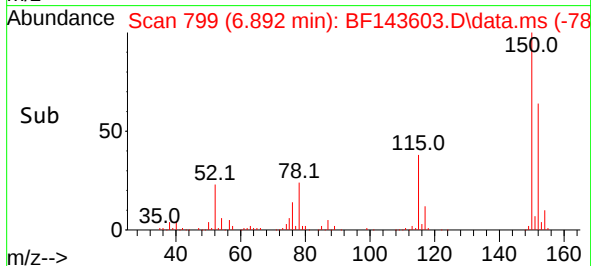


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

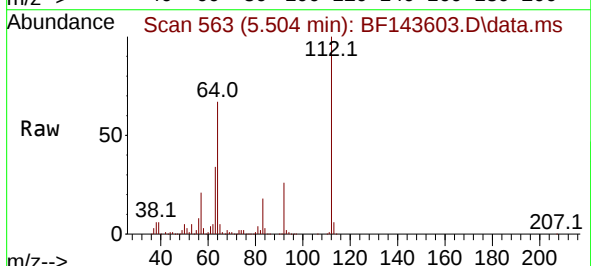
Instrument :
BNA_F
ClientSampleId :
MW-18C-082025



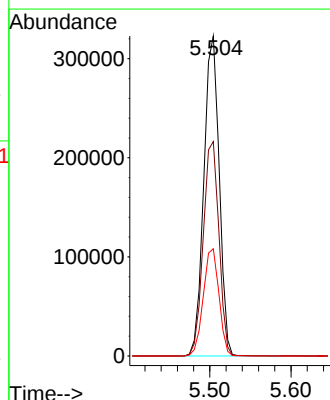
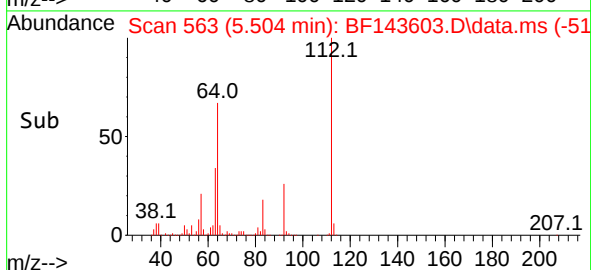
Tgt Ion:152 Resp: 107445
Ion Ratio Lower Upper
152 100
150 155.4 124.9 187.3
115 58.9 48.0 72.0

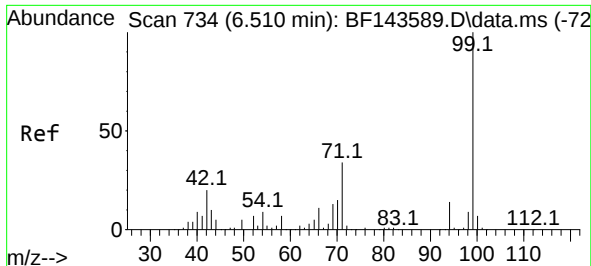


#5
2-Fluorophenol
Concen: 67.289 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52



Tgt Ion:112 Resp: 424790
Ion Ratio Lower Upper
112 100
64 67.0 54.8 82.2
63 33.5 27.6 41.4

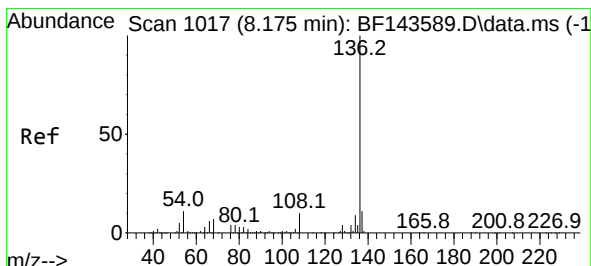
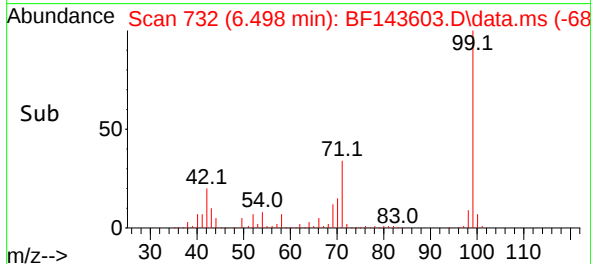
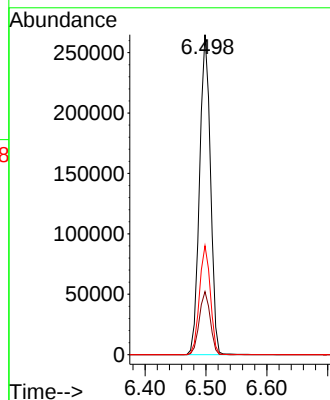
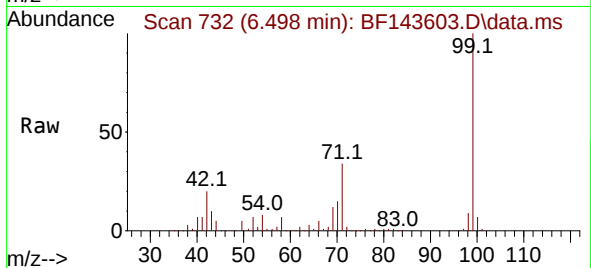




#7
Phenol-d6
Concen: 41.947 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

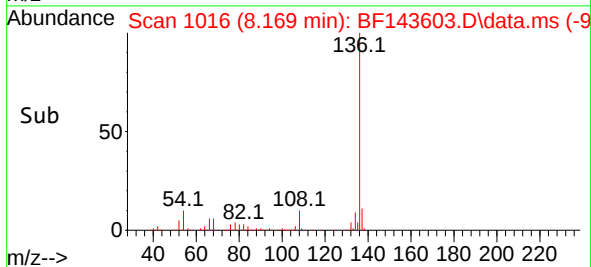
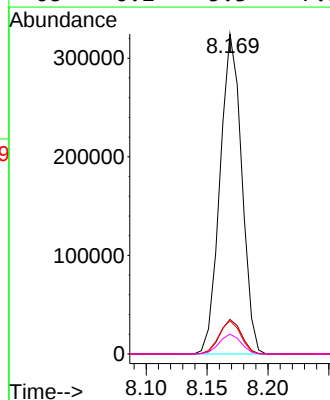
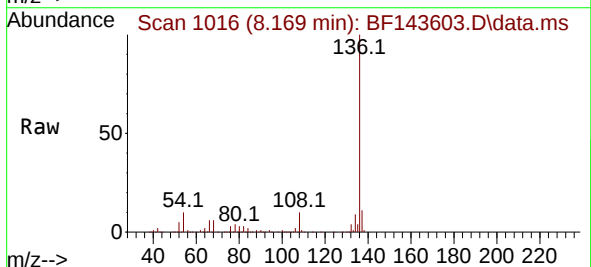
Instrument :
BNA_F
ClientSampleId :
MW-18C-082025

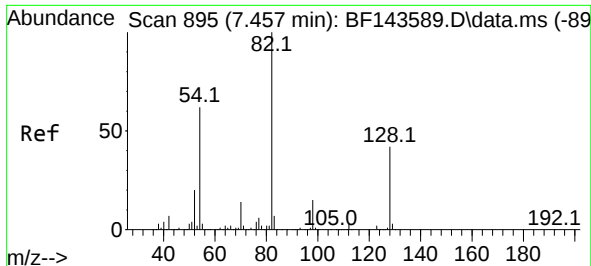
Tgt Ion: 99 Resp: 327985
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 34.1 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

Tgt Ion: 136 Resp: 403245
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.4 9.0 13.6
68 6.2 5.3 7.9





#23

Nitrobenzene-d5

Concen: 112.899 ng

RT: 7.451 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF143603.D

Acq: 27 Aug 2025 12:52

Instrument :

BNA_F

ClientSampleId :

MW-18C-082025

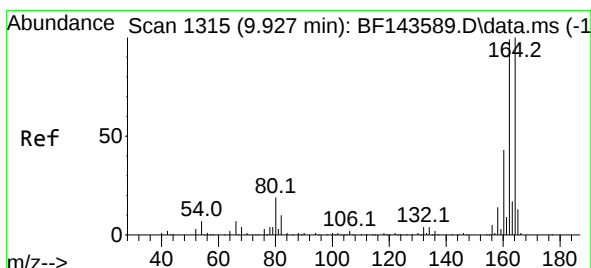
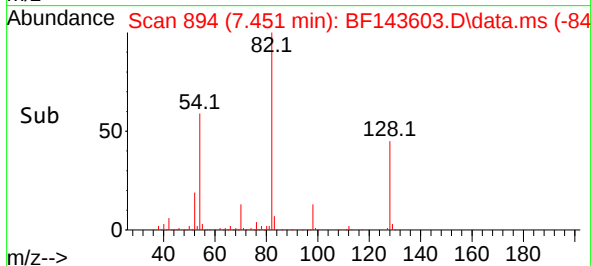
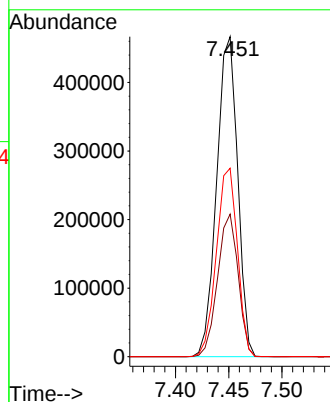
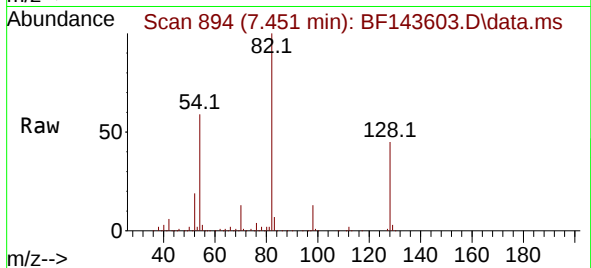
Tgt Ion: 82 Resp: 637608

Ion Ratio Lower Upper

82 100

128 44.5 33.4 50.2

54 58.9 49.3 73.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143603.D

Acq: 27 Aug 2025 12:52

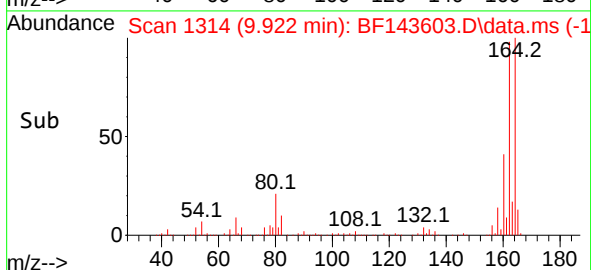
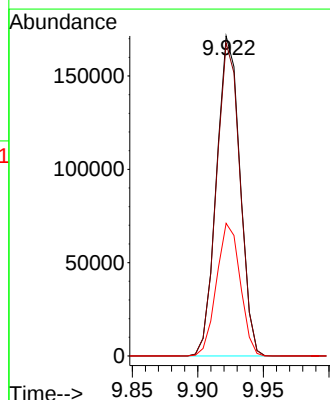
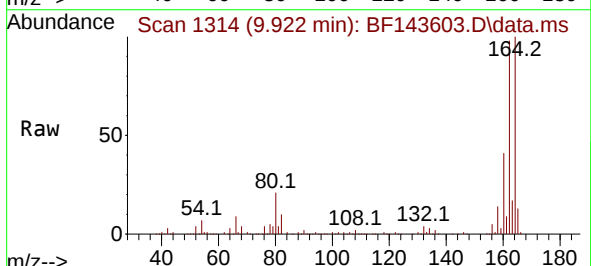
Tgt Ion: 164 Resp: 213409

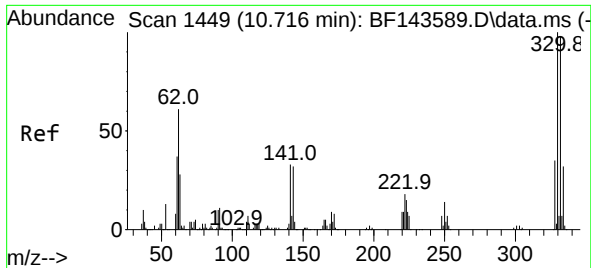
Ion Ratio Lower Upper

164 100

162 97.8 79.5 119.3

160 41.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 141.790 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF143603.D

Acq: 27 Aug 2025 12:52

Instrument :

BNA_F

ClientSampleId :

MW-18C-082025

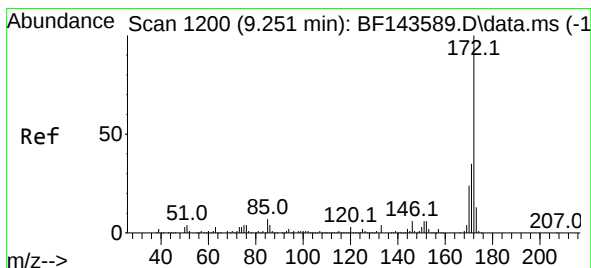
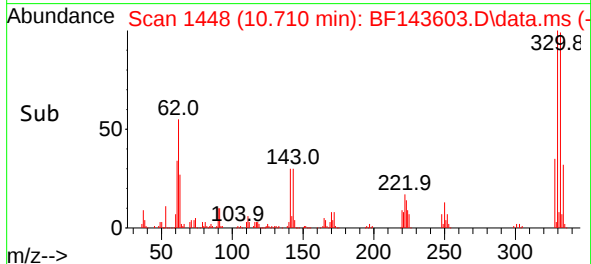
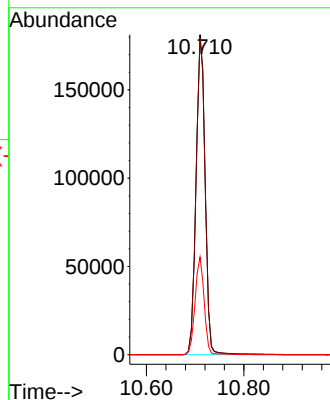
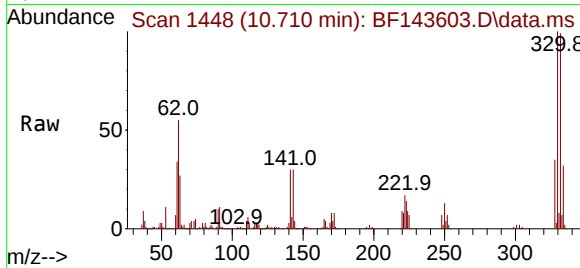
Tgt Ion:330 Resp: 236633

Ion Ratio Lower Upper

330 100

332 98.7 78.2 117.4

141 30.6 25.4 38.0



#45

2-Fluorobiphenyl

Concen: 95.075 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143603.D

Acq: 27 Aug 2025 12:52

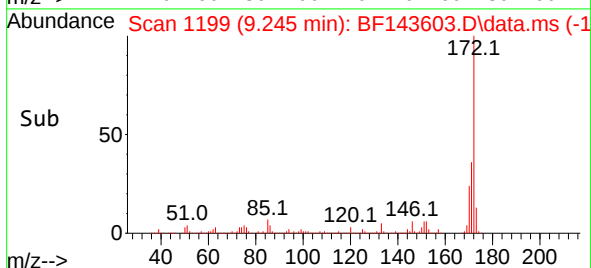
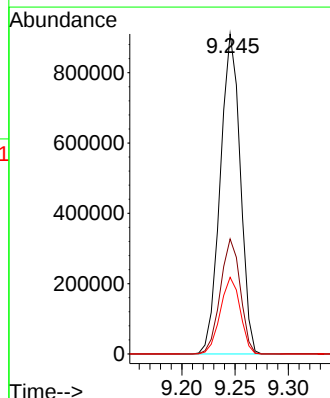
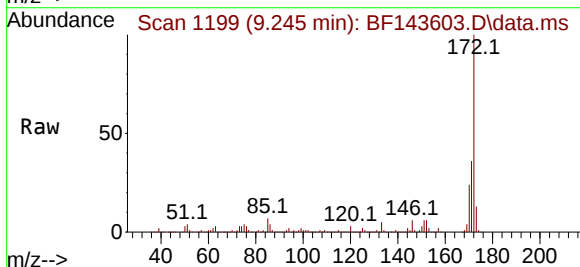
Tgt Ion:172 Resp: 1186706

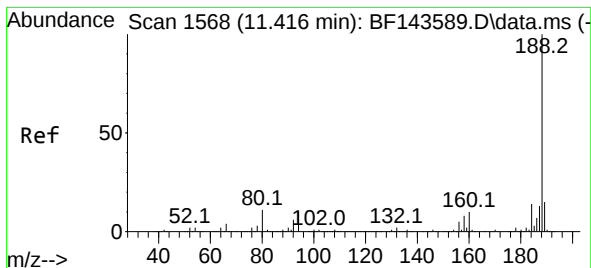
Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.9 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143603.D

Acq: 27 Aug 2025 12:52

Instrument :

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MW-18C-082025

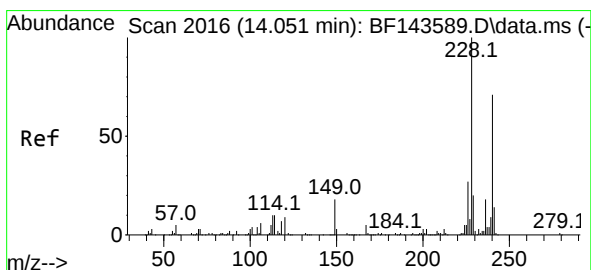
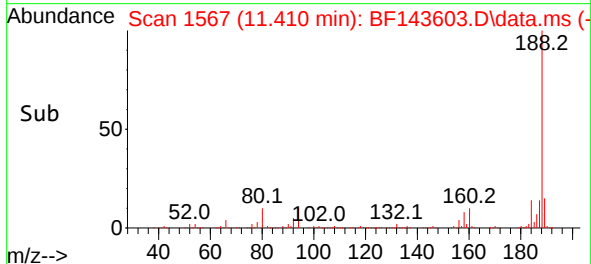
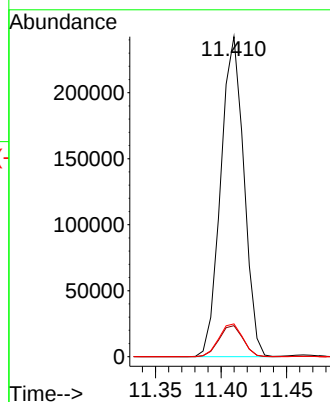
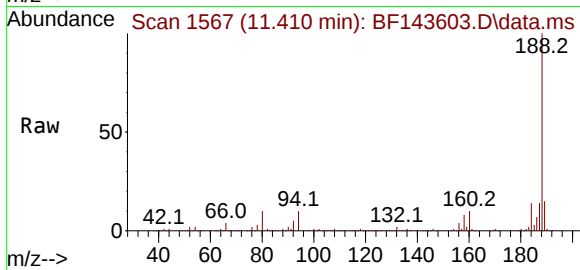
Tgt Ion:188 Resp: 297699

Ion Ratio Lower Upper

188 100

94 9.7 8.2 12.4

80 10.2 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF143603.D

Acq: 27 Aug 2025 12:52

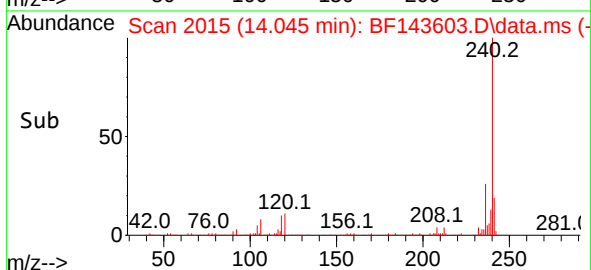
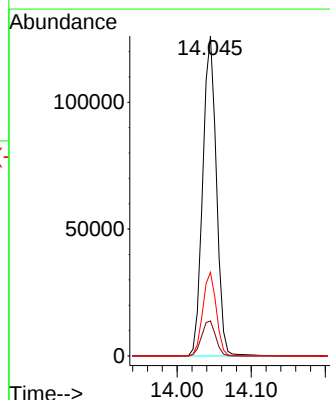
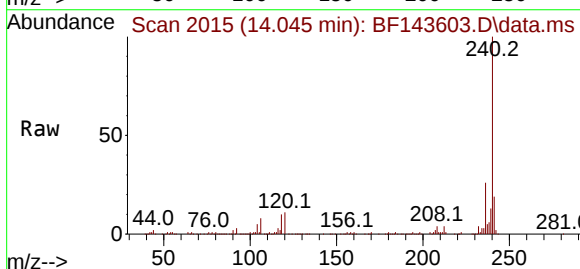
Tgt Ion:240 Resp: 161336

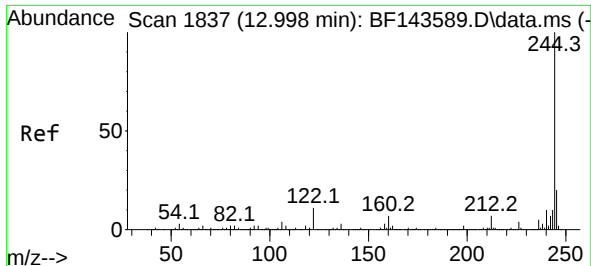
Ion Ratio Lower Upper

240 100

120 10.9 9.6 14.4

236 26.2 20.2 30.2

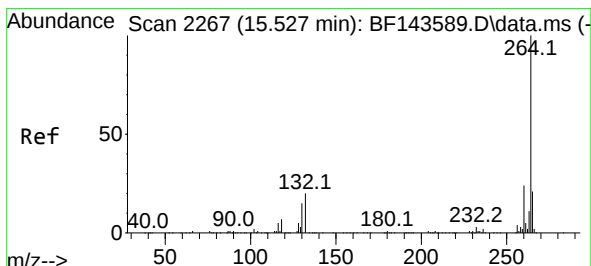
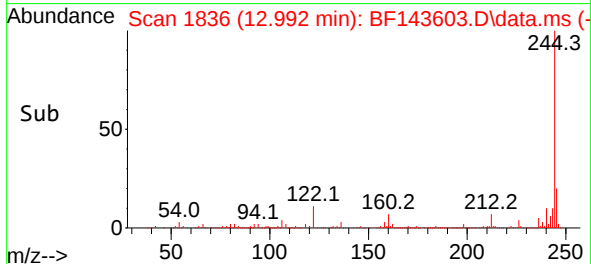
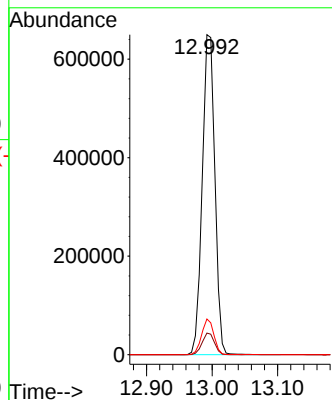
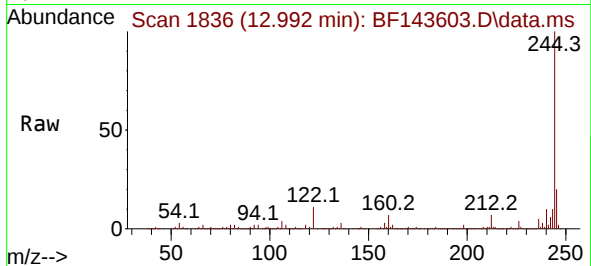




#79
 Terphenyl-d14
 Concen: 96.886 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF143603.D
 Acq: 27 Aug 2025 12:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-18C-082025

Tgt Ion:244 Resp: 871067
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 11.1 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: BF143603.D
 Acq: 27 Aug 2025 12:52

Tgt Ion:264 Resp: 218565
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.9 28.3
 265 20.8 17.0 25.4

