

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
 Data File : BF143604.D
 Acq On : 27 Aug 2025 13:21
 Operator : RC/JU
 Sample : Q2936-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19A-082125

Quant Time: Aug 27 13:47:06 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	6.893	152	107569	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	412157	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	224876	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	331918	20.000	ng	0.00
76) Chrysene-d12	14.045	240	178027	20.000	ng	0.00
86) Perylene-d12	15.521	264	217699	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	443919	70.238	ng	0.00
7) Phenol-d6	6.498	99	366457	46.814	ng	-0.01
23) Nitrobenzene-d5	7.451	82	627582	108.721	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	258967	147.260	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1184617	90.068	ng	0.00
79) Terphenyl-d14	12.998	244	952010	95.961	ng	0.00

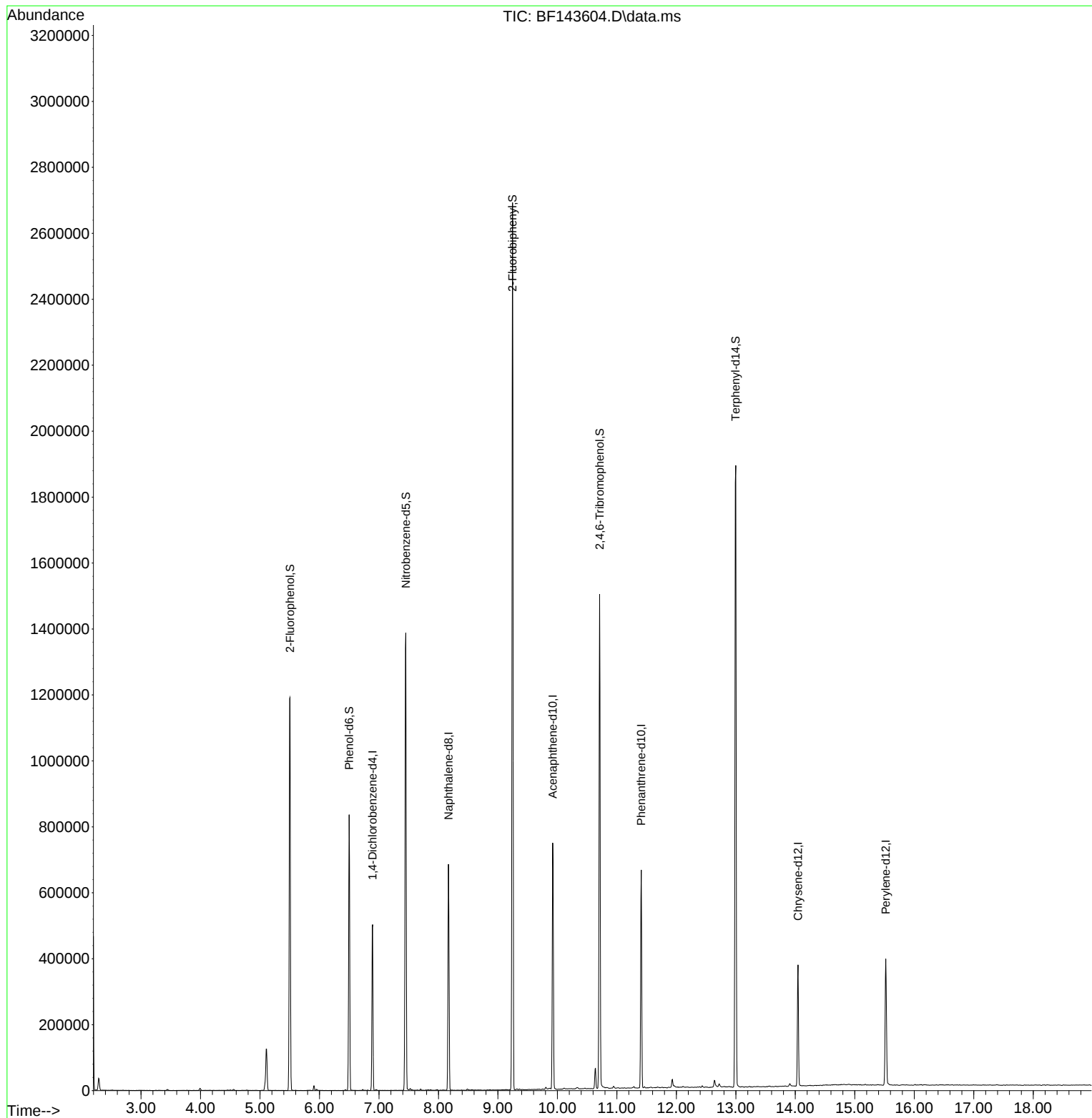
Target Compounds	Qvalue

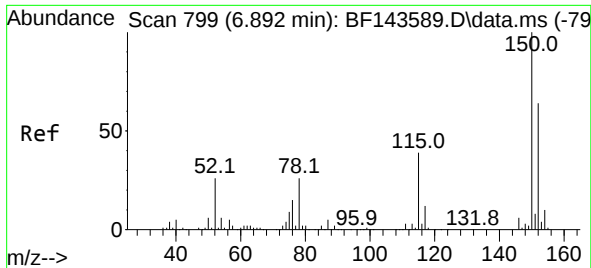
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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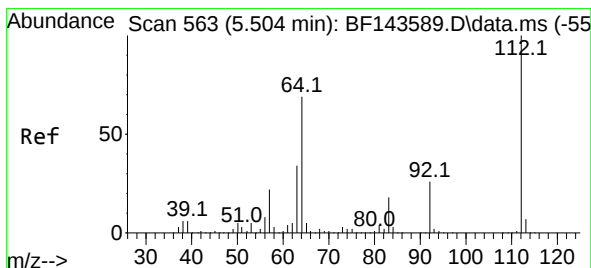
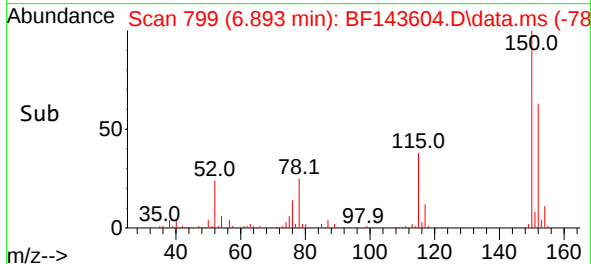
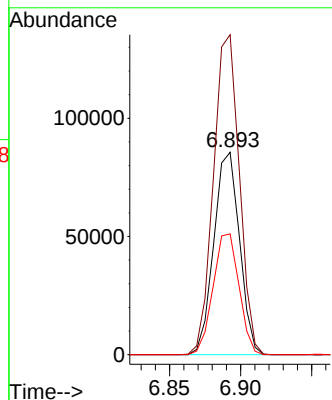
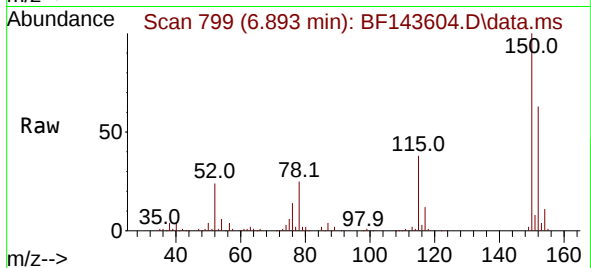




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 799
 Delta R.T. 0.001 min
 Lab File: BF143604.D
 Acq: 27 Aug 2025 13:21

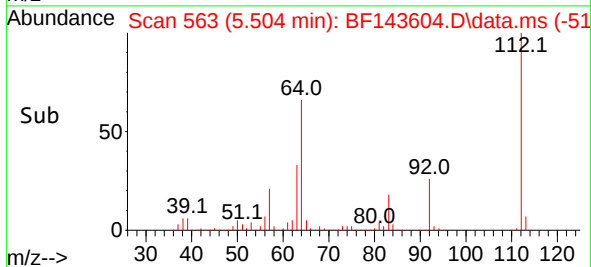
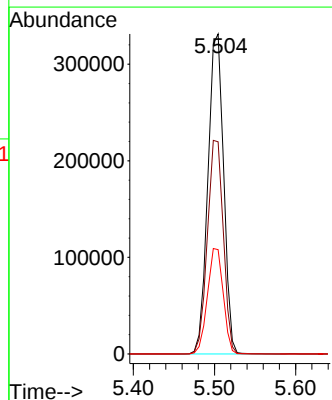
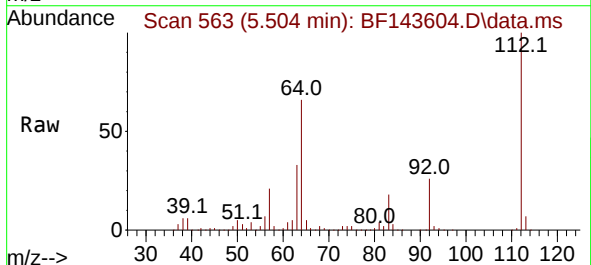
Instrument :
 BNA_F
 ClientSampleId :
 MW-19A-082125

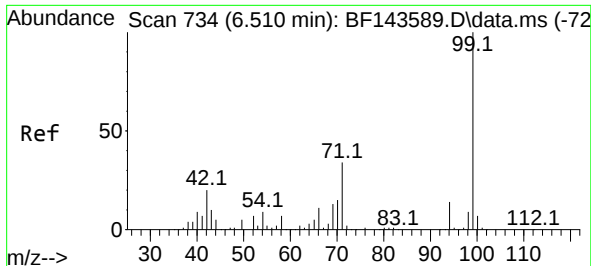
Tgt Ion:152 Resp: 107569
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.9 187.3
 115 59.7 48.0 72.0



#5
 2-Fluorophenol
 Concen: 70.238 ng
 RT: 5.504 min Scan# 563
 Delta R.T. 0.000 min
 Lab File: BF143604.D
 Acq: 27 Aug 2025 13:21

Tgt Ion:112 Resp: 443919
 Ion Ratio Lower Upper
 112 100
 64 66.3 54.8 82.2
 63 32.6 27.6 41.4

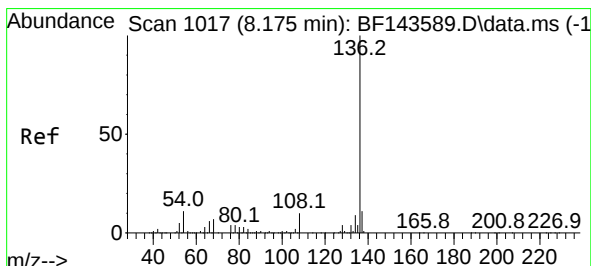
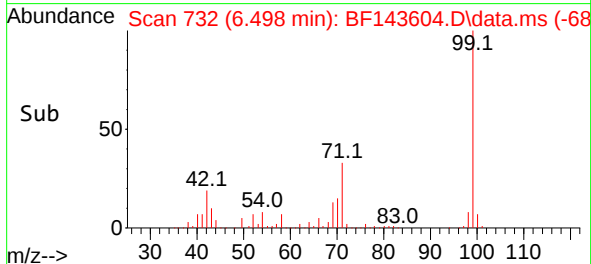
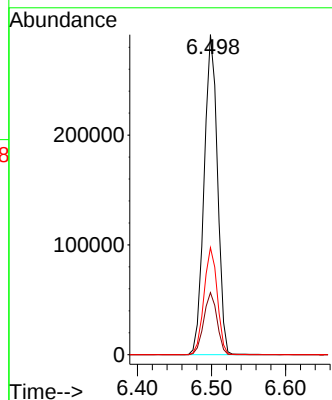
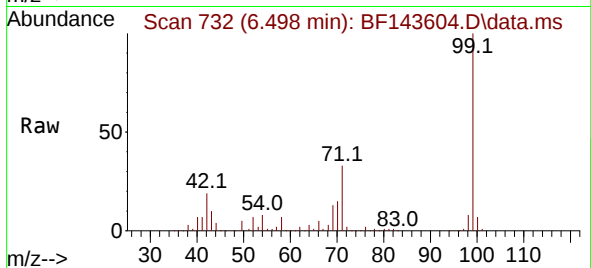




#7
Phenol-d6
Concen: 46.814 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF143604.D
Acq: 27 Aug 2025 13:21

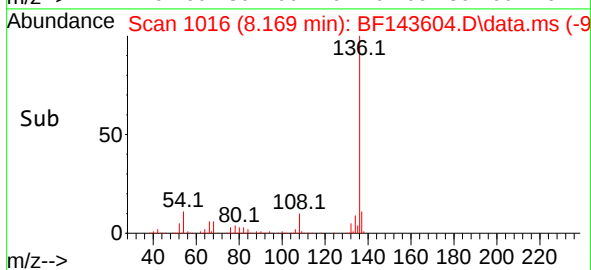
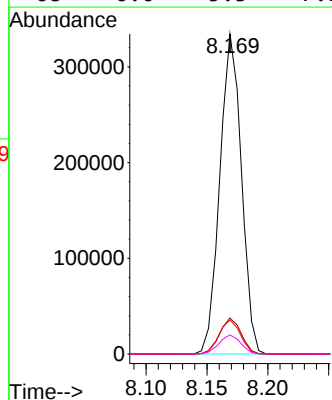
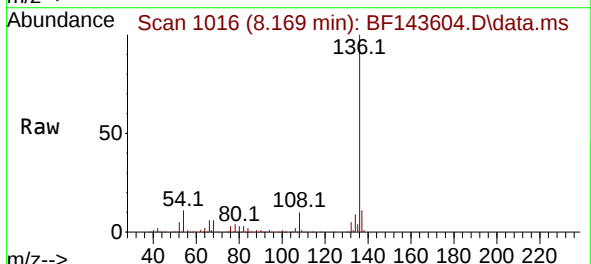
Instrument :
BNA_F
ClientSampleId :
MW-19A-082125

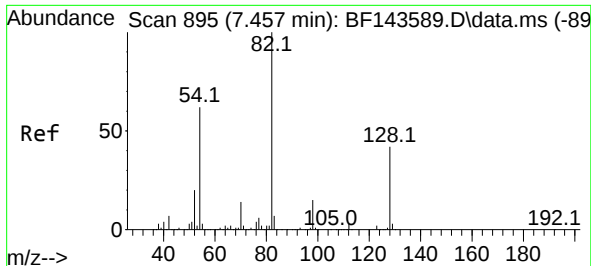
Tgt Ion: 99 Resp: 366457
Ion Ratio Lower Upper
99 100
42 19.4 15.9 23.9
71 33.5 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143604.D
Acq: 27 Aug 2025 13:21

Tgt Ion: 136 Resp: 412157
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 10.7 9.0 13.6
68 6.0 5.3 7.9





#23

Nitrobenzene-d5

Concen: 108.721 ng

RT: 7.451 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF143604.D

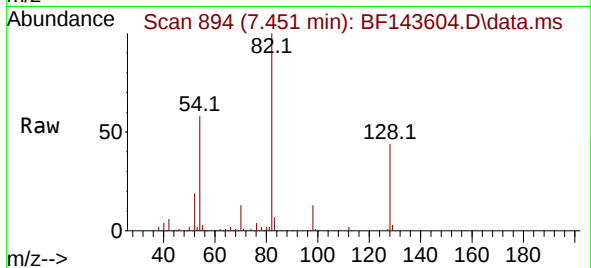
Acq: 27 Aug 2025 13:21

Instrument :

BNA_F

ClientSampleId :

MW-19A-082125



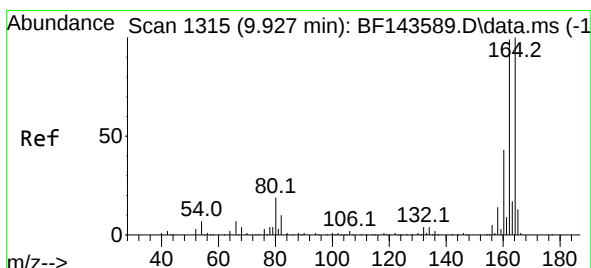
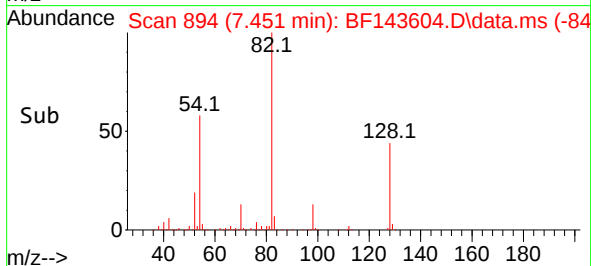
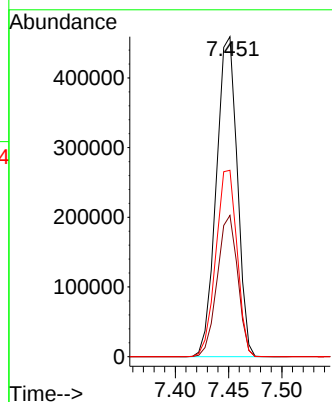
Tgt Ion: 82 Resp: 627582

Ion Ratio Lower Upper

82 100

128 44.1 33.4 50.2

54 58.3 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: BF143604.D

Acq: 27 Aug 2025 13:21

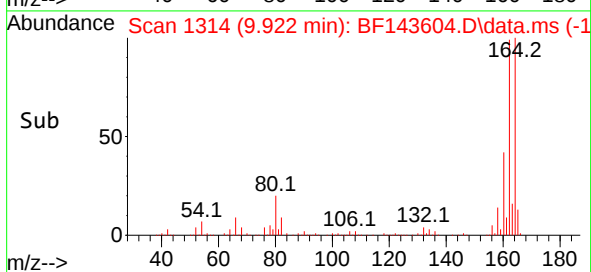
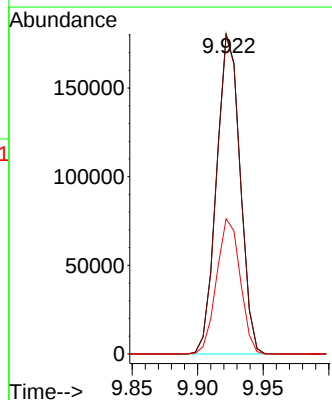
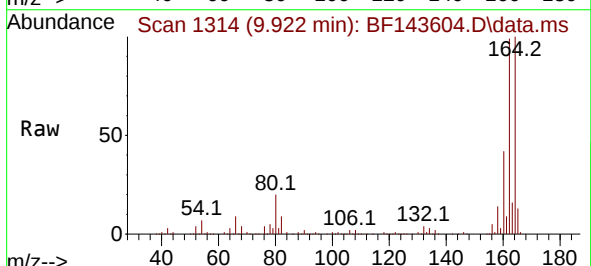
Tgt Ion:164 Resp: 224876

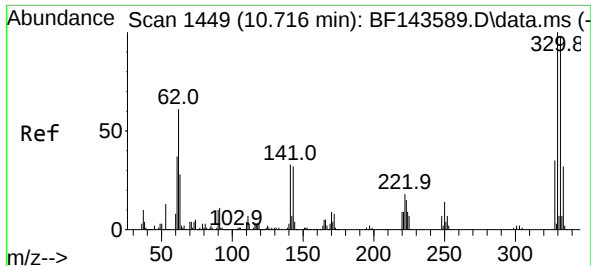
Ion Ratio Lower Upper

164 100

162 99.4 79.5 119.3

160 42.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 147.260 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF143604.D

Acq: 27 Aug 2025 13:21

Instrument :

BNA_F

ClientSampleId :

MW-19A-082125

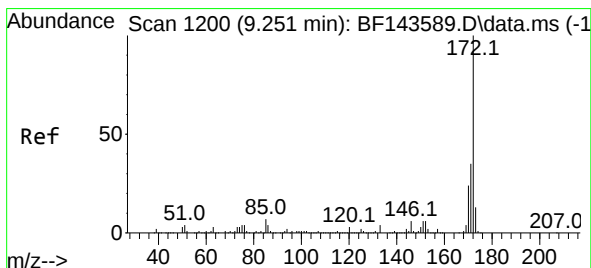
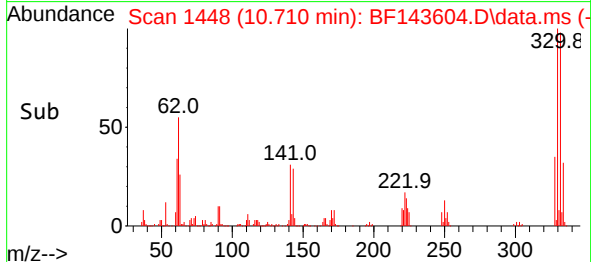
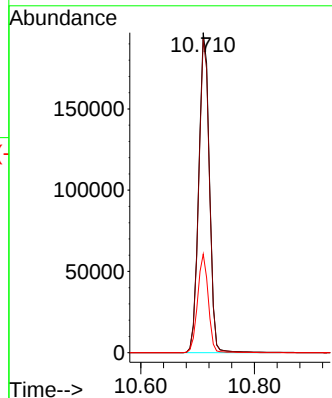
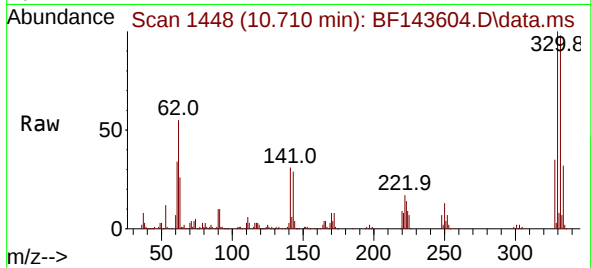
Tgt Ion:330 Resp: 258967

Ion Ratio Lower Upper

330 100

332 97.6 78.2 117.4

141 30.7 25.4 38.0



#45

2-Fluorobiphenyl

Concen: 90.068 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143604.D

Acq: 27 Aug 2025 13:21

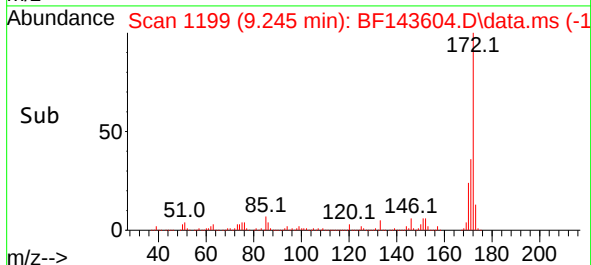
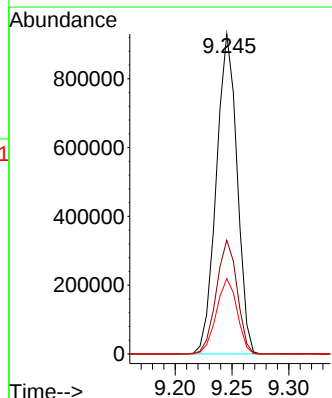
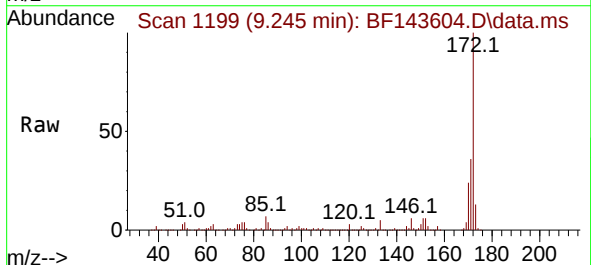
Tgt Ion:172 Resp: 1184617

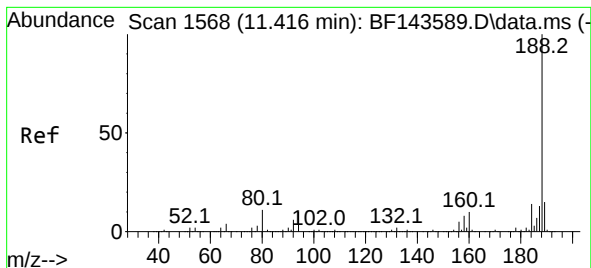
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.5 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: BF143604.D

Acq: 27 Aug 2025 13:21

Instrument :

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MW-19A-082125

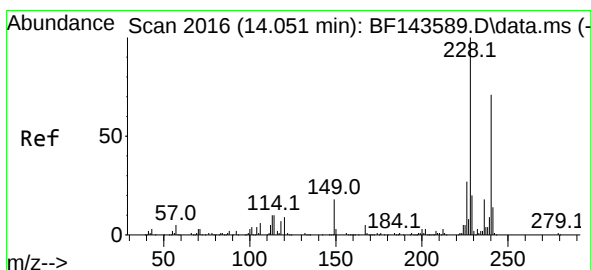
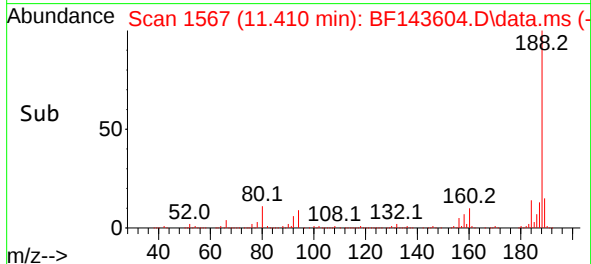
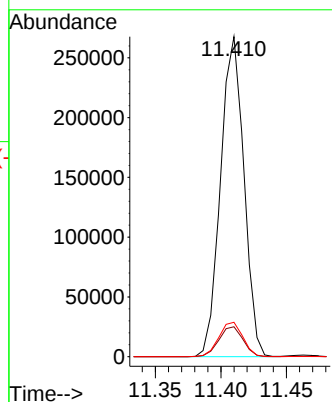
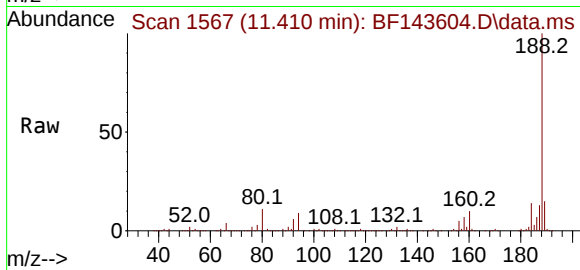
Tgt Ion:188 Resp: 331918

Ion Ratio Lower Upper

188 100

94 9.4 8.2 12.4

80 10.7 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: BF143604.D

Acq: 27 Aug 2025 13:21

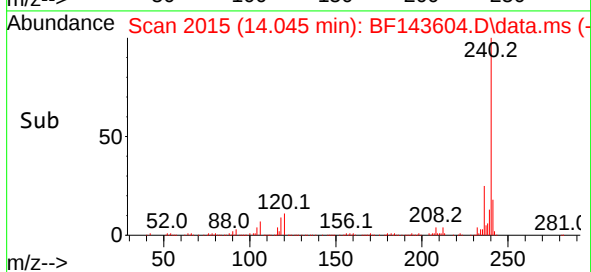
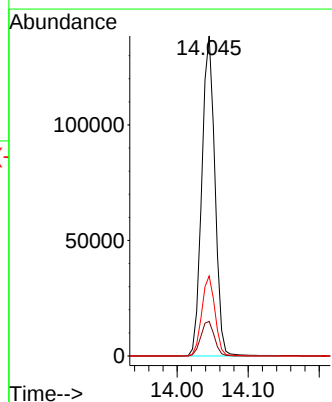
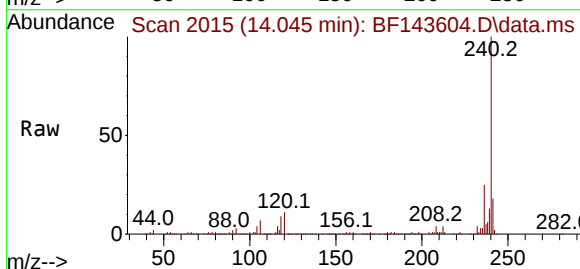
Tgt Ion:240 Resp: 178027

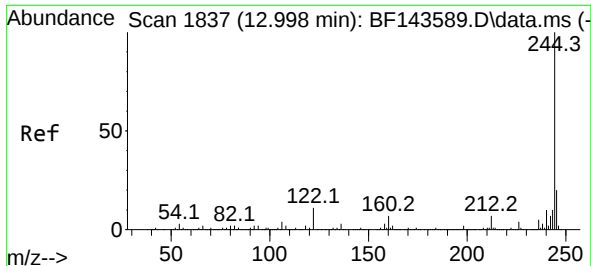
Ion Ratio Lower Upper

240 100

120 10.8 9.6 14.4

236 25.0 20.2 30.2

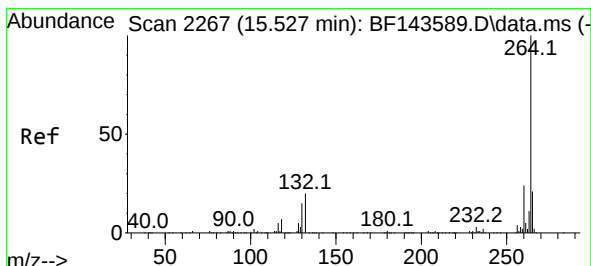
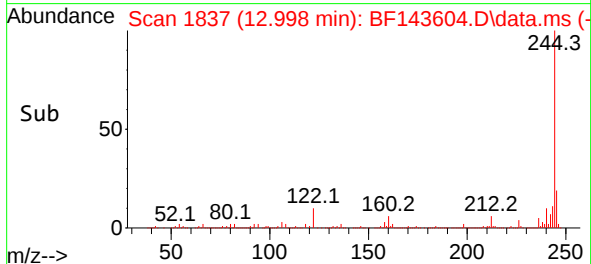
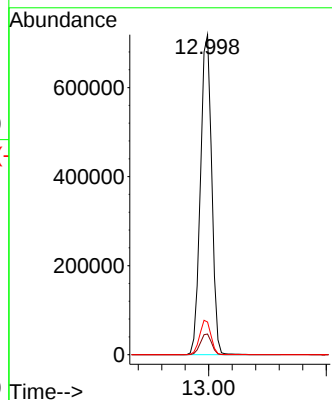
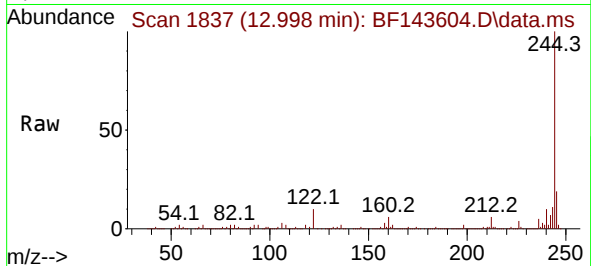




#79
 Terphenyl-d14
 Concen: 95.961 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF143604.D
 Acq: 27 Aug 2025 13:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-19A-082125

Tgt Ion:244 Resp: 952010
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.5 8.3
 122 10.2 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: BF143604.D
 Acq: 27 Aug 2025 13:21

Tgt Ion:264 Resp: 217699
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 21.3 17.0 25.4

