

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
 Data File : BF143609.D
 Acq On : 28 Aug 2025 14:47
 Operator : RC/JU
 Sample : Q2954-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-NORTH

Quant Time: Aug 28 15:34:25 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	104883	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	397967	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	222958	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	354250	20.000	ng	0.00
76) Chrysene-d12	14.045	240	166722	20.000	ng	0.00
86) Perylene-d12	15.521	264	192513	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	828348	134.419	ng	0.00
7) Phenol-d6	6.510	99	1064064	139.411	ng	0.00
23) Nitrobenzene-d5	7.451	82	612225	109.842	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	283697	162.710	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1147140	87.969	ng	0.00
79) Terphenyl-d14	12.998	244	1023085	110.118	ng	0.00

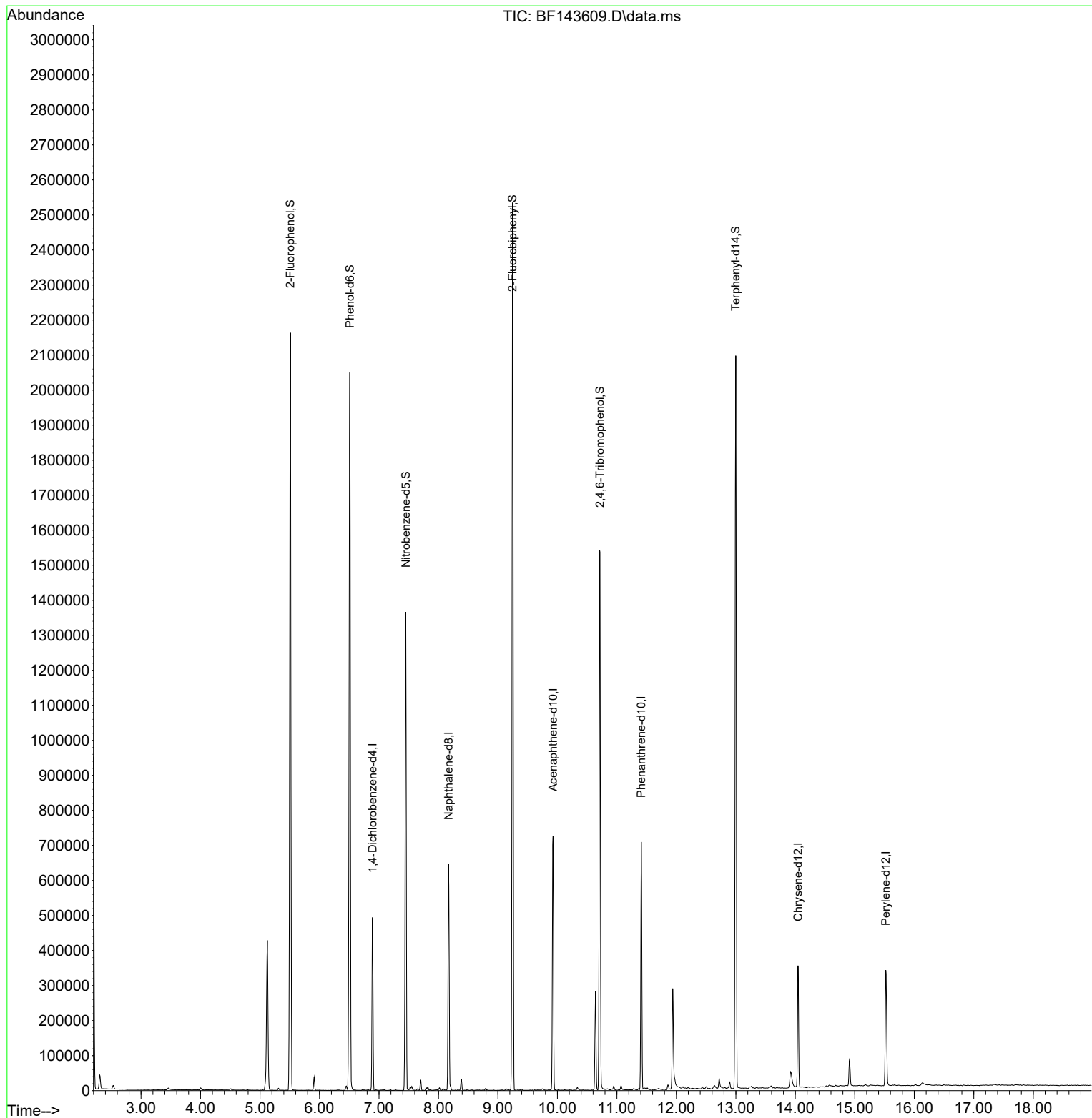
Target Compounds	Qvalue

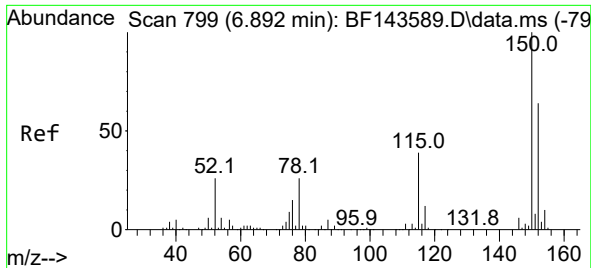
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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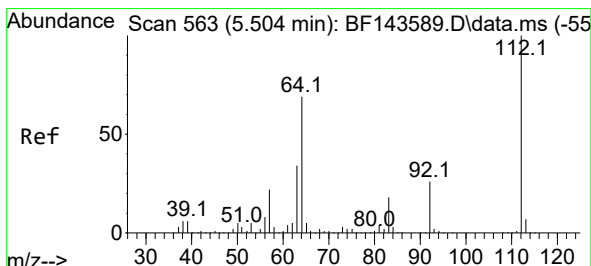
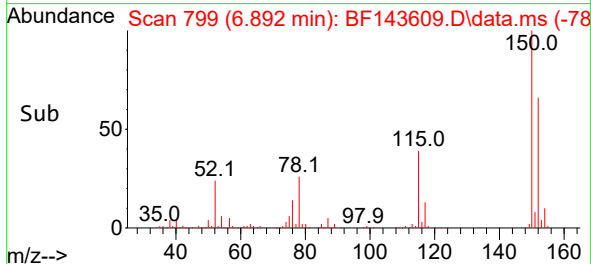
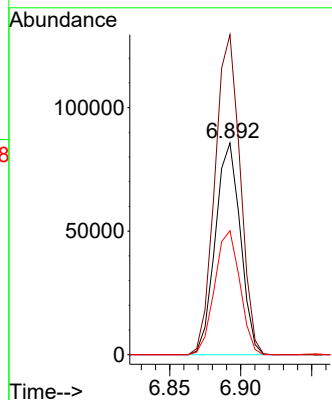
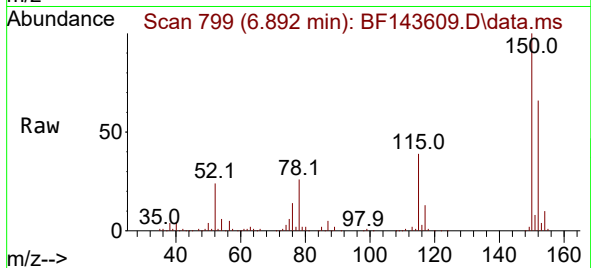




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF143609.D
Acq: 28 Aug 2025 14:47

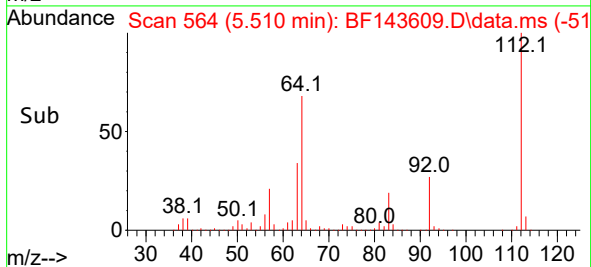
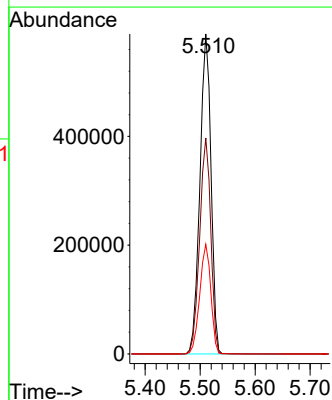
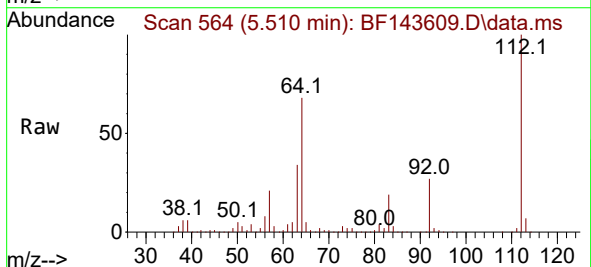
Instrument :
BNA_F
ClientSampleId :
BRIDGE-NORTH

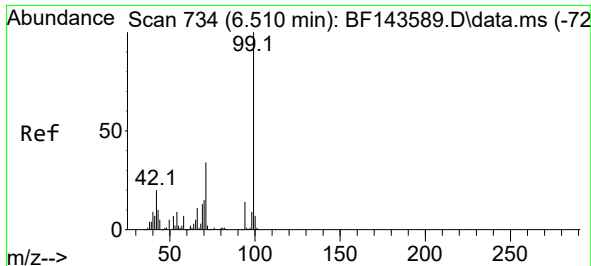
Tgt Ion:152 Resp: 104883
Ion Ratio Lower Upper
152 100
150 151.1 124.9 187.3
115 58.6 48.0 72.0



#5
2-Fluorophenol
Concen: 134.419 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF143609.D
Acq: 28 Aug 2025 14:47

Tgt Ion:112 Resp: 828348
Ion Ratio Lower Upper
112 100
64 67.5 54.8 82.2
63 34.2 27.6 41.4

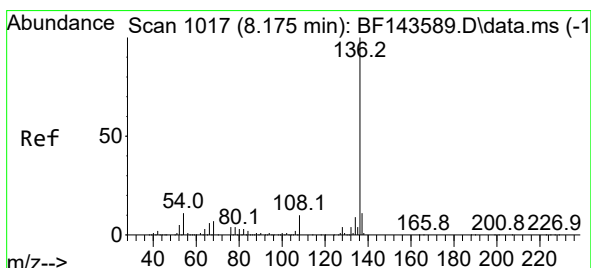
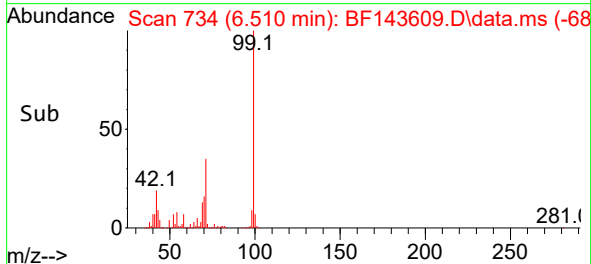
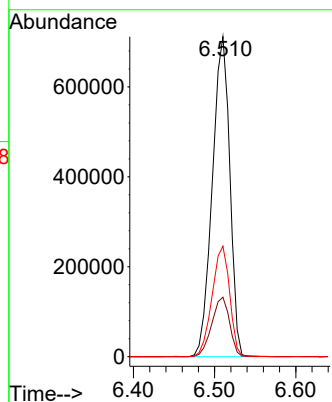
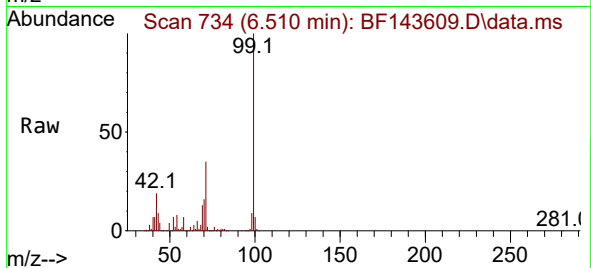




#7
Phenol-d6
Concen: 139.411 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143609.D
Acq: 28 Aug 2025 14:47

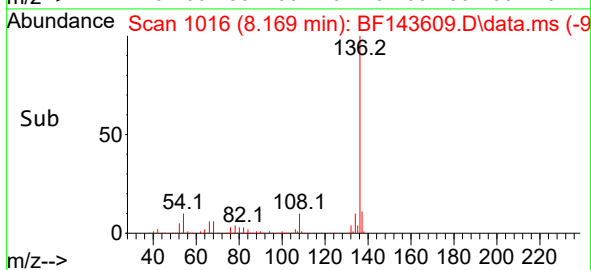
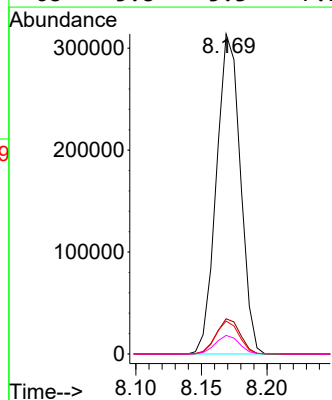
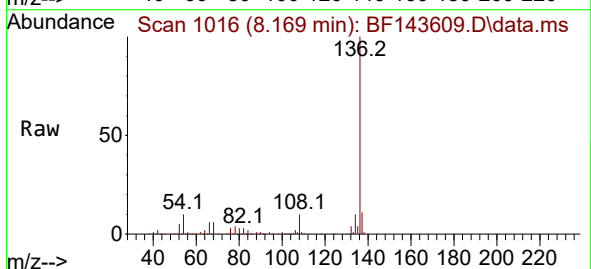
Instrument :
BNA_F
ClientSampleId :
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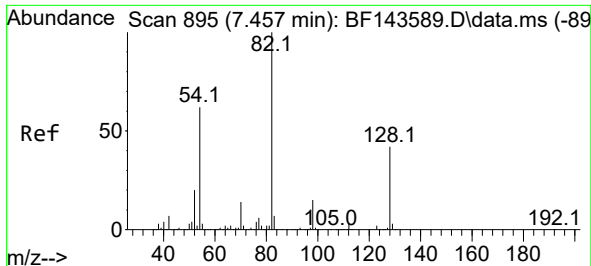
Tgt Ion: 99 Resp: 1064064
Ion Ratio Lower Upper
99 100
42 18.6 15.9 23.9
71 34.5 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143609.D
Acq: 28 Aug 2025 14:47

Tgt Ion:136 Resp: 397967
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.3 9.0 13.6
68 5.8 5.3 7.9





#23

Nitrobenzene-d5

Concen: 109.842 ng

RT: 7.451 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF143609.D

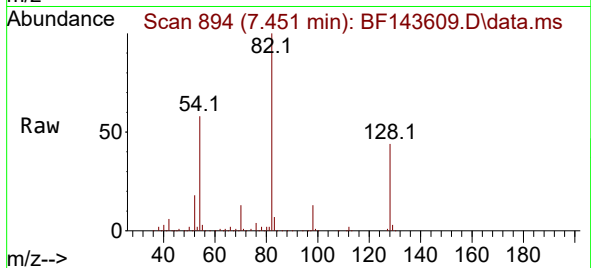
Acq: 28 Aug 2025 14:47

Instrument :

BNA_F

ClientSampleId :

BRIDGE-NORTH



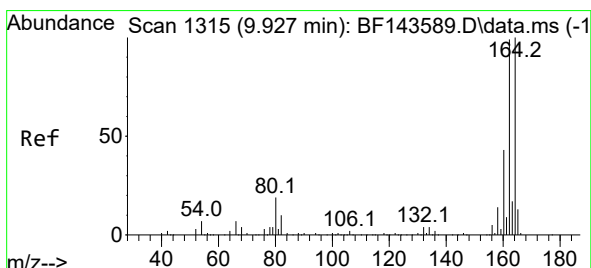
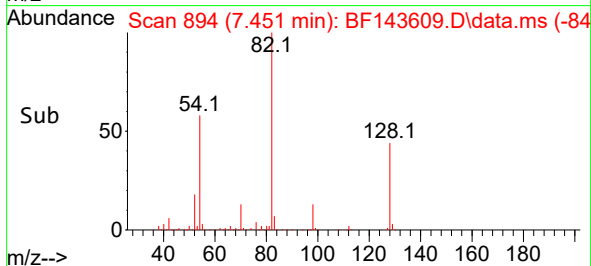
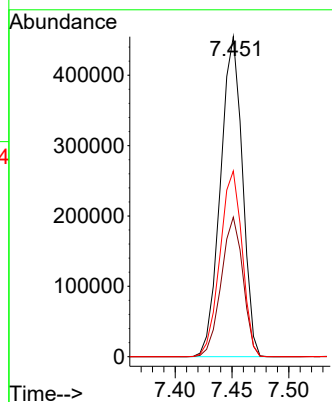
Tgt Ion: 82 Resp: 612225

Ion Ratio Lower Upper

82 100

128 43.6 33.4 50.2

54 58.0 49.3 73.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1315

Delta R.T. 0.001 min

Lab File: BF143609.D

Acq: 28 Aug 2025 14:47

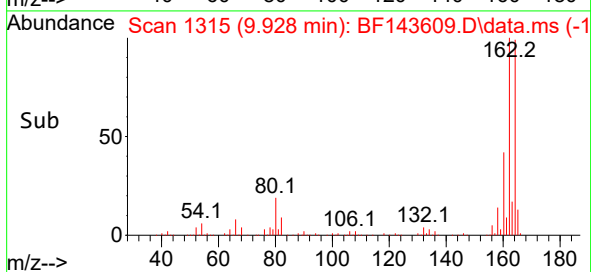
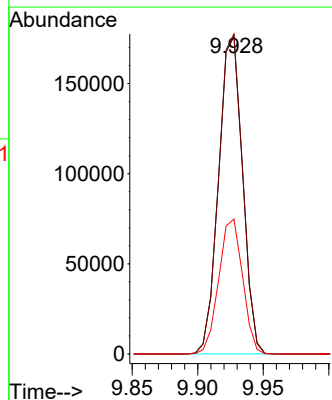
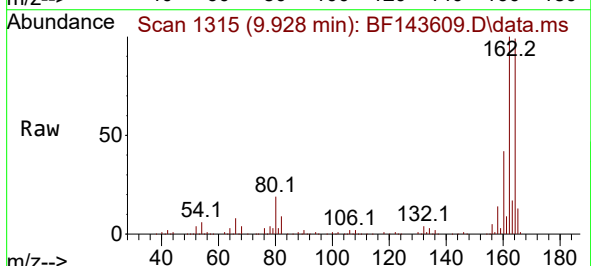
Tgt Ion:164 Resp: 222958

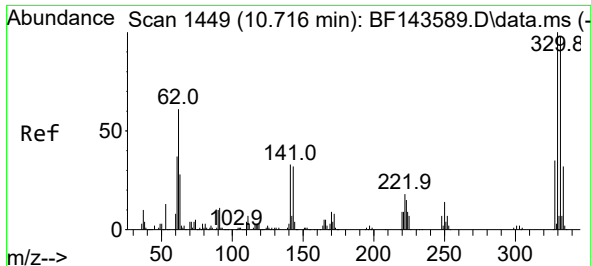
Ion Ratio Lower Upper

164 100

162 100.8 79.5 119.3

160 42.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 162.710 ng

RT: 10.716 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF143609.D

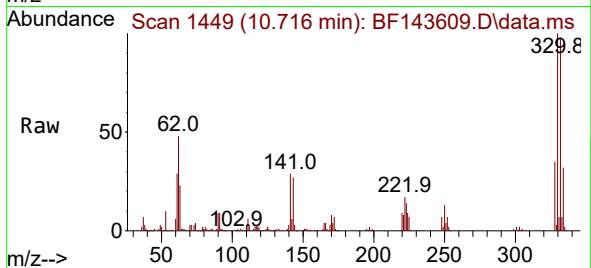
Acq: 28 Aug 2025 14:47

Instrument :

BNA_F

ClientSampleId :

BRIDGE-NORTH



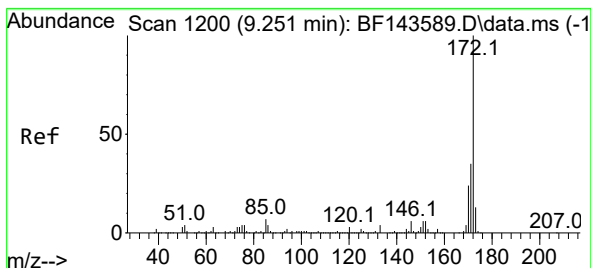
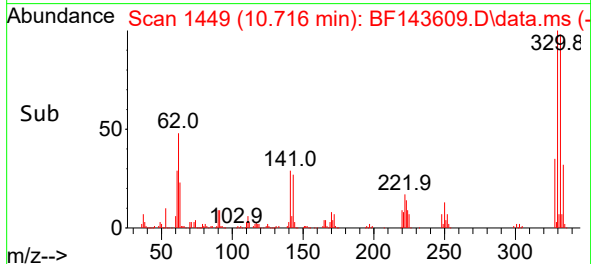
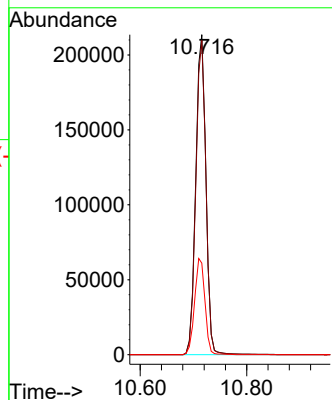
Tgt Ion:330 Resp: 283697

Ion Ratio Lower Upper

330 100

332 97.3 78.2 117.4

141 30.6 25.4 38.0



#45

2-Fluorobiphenyl

Concen: 87.969 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143609.D

Acq: 28 Aug 2025 14:47

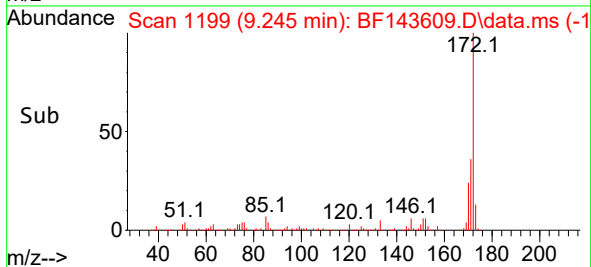
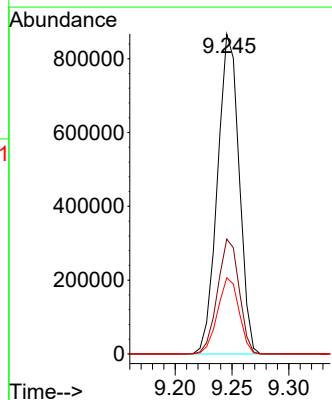
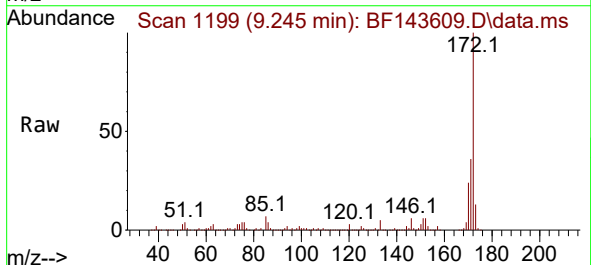
Tgt Ion:172 Resp: 1147140

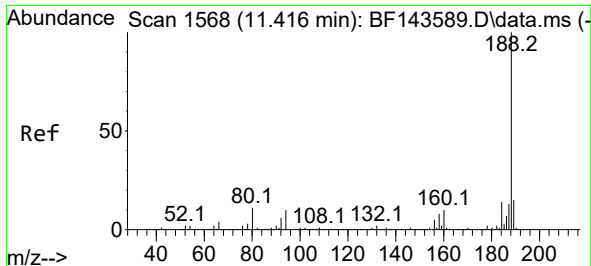
Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.8 19.0 28.4

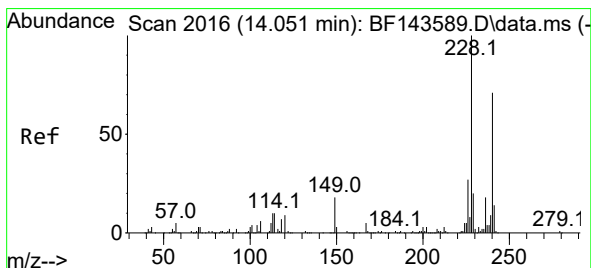
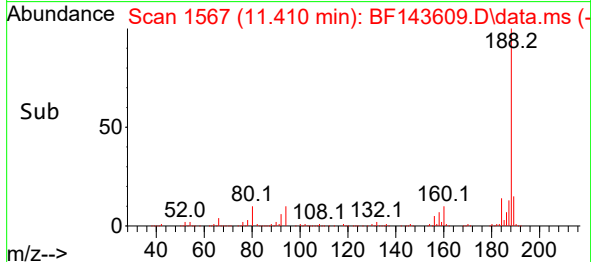
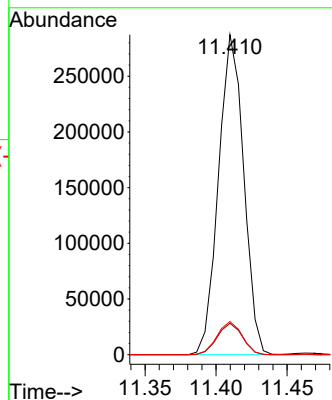
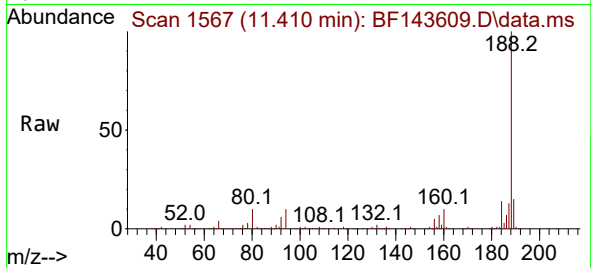




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143609.D
Acq: 28 Aug 2025 14:47

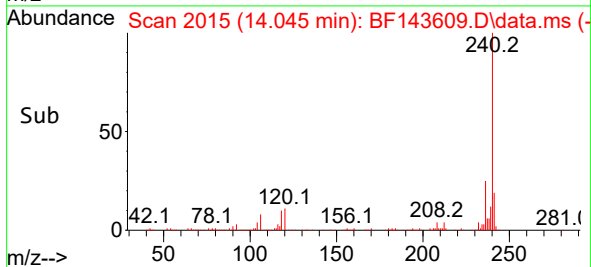
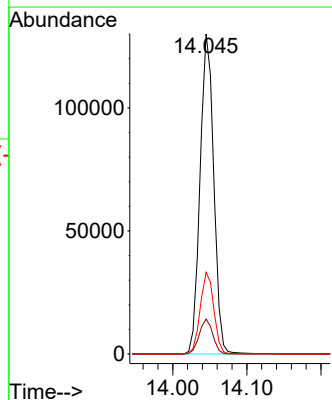
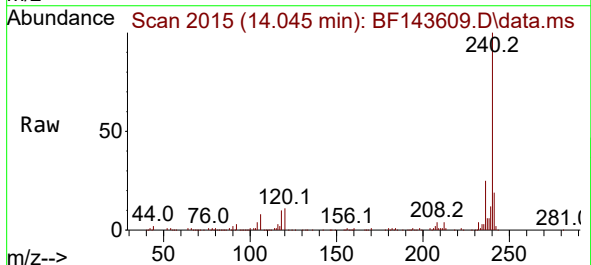
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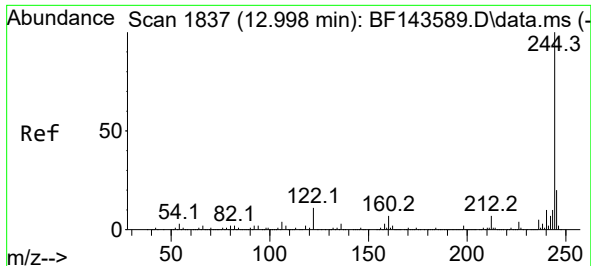
Tgt Ion:188 Resp: 354250
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.4
80 10.4 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143609.D
Acq: 28 Aug 2025 14:47

Tgt Ion:240 Resp: 166722
Ion Ratio Lower Upper
240 100
120 10.9 9.6 14.4
236 25.5 20.2 30.2

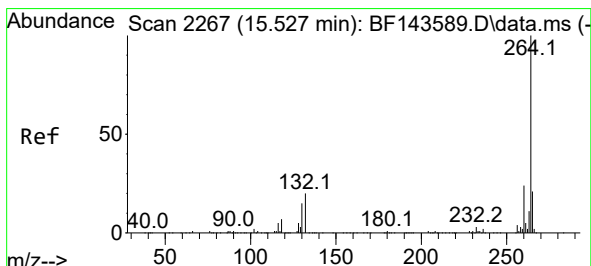
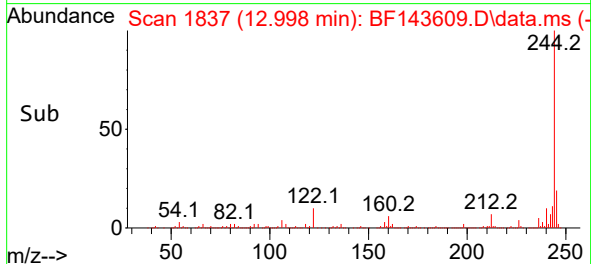
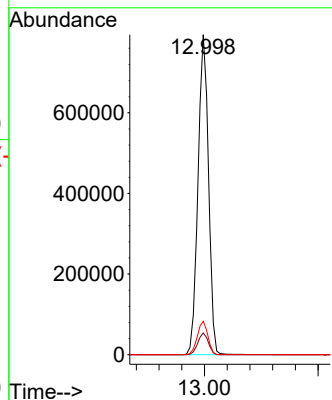
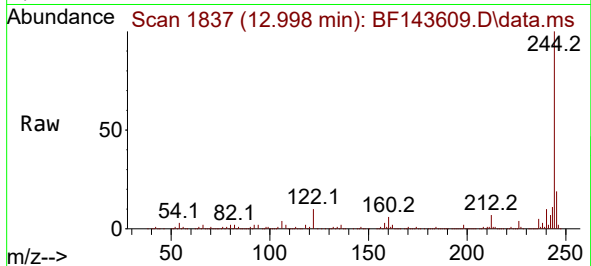




#79
 Terphenyl-d14
 Concen: 110.118 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF143609.D
 Acq: 28 Aug 2025 14:47

Instrument :
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Tgt Ion:244 Resp: 1023085
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.5 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: BF143609.D
 Acq: 28 Aug 2025 14:47

Tgt Ion:264 Resp: 192513
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 21.6 17.0 25.4

