

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
 Data File : BF143607.D
 Acq On : 28 Aug 2025 13:43
 Operator : RC/JU
 Sample : PB169431BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169431BL

Quant Time: Aug 28 15:11:26 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	119642	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	458123	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	259039	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	431993	20.000	ng	0.00
76) Chrysene-d12	14.045	240	285579	20.000	ng	0.00
86) Perylene-d12	15.527	264	196064	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	816003	116.081	ng	0.01
7) Phenol-d6	6.504	99	994647	114.241	ng	0.00
23) Nitrobenzene-d5	7.451	82	624002	97.254	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	276221	136.356	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1251192	82.584	ng	0.00
79) Terphenyl-d14	12.998	244	1319687	82.925	ng	0.00

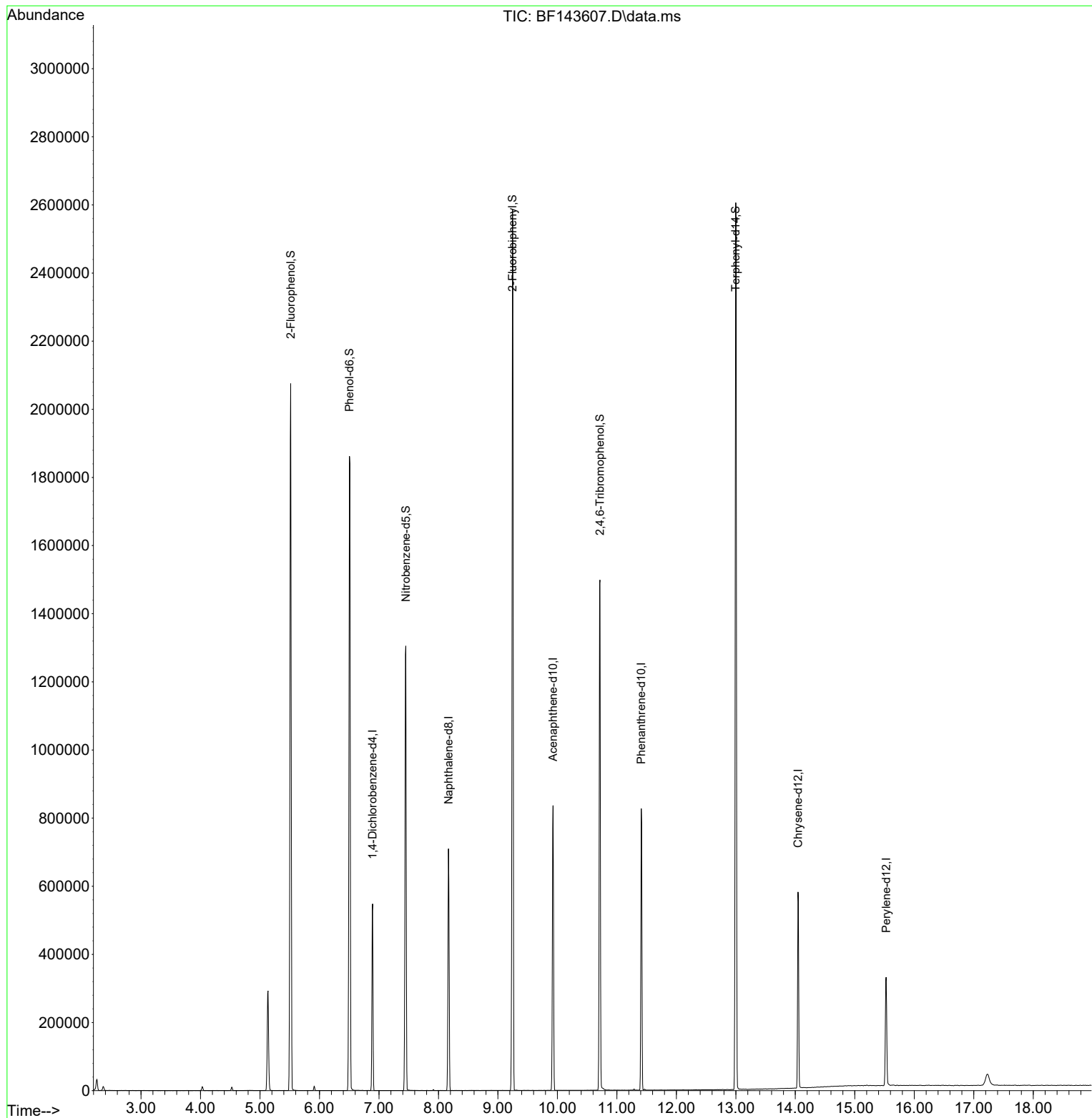
Target Compounds	Qvalue

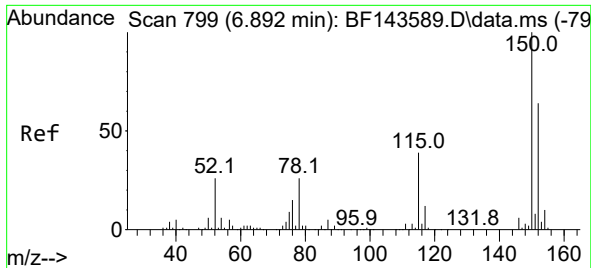
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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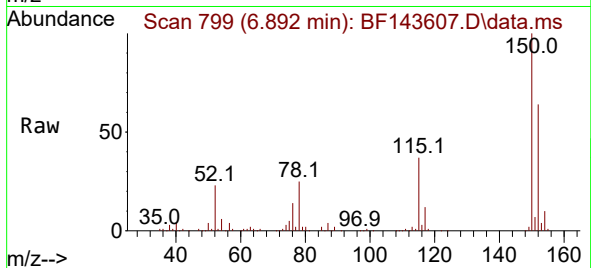
Quant Time: Aug 28 15:11:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
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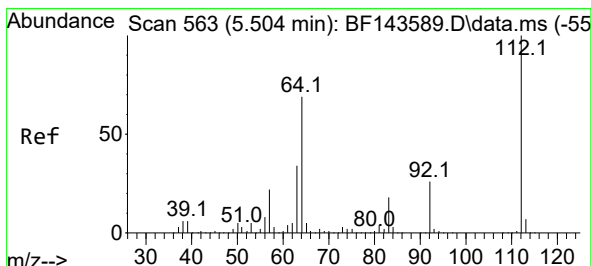
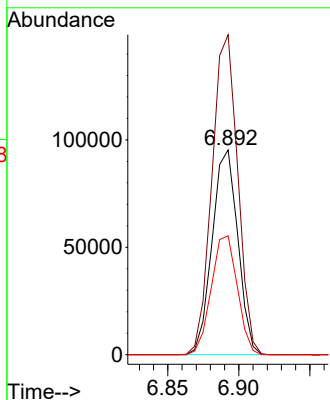
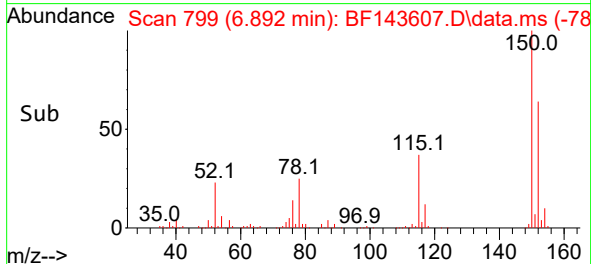


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF143607.D
Acq: 28 Aug 2025 13:43

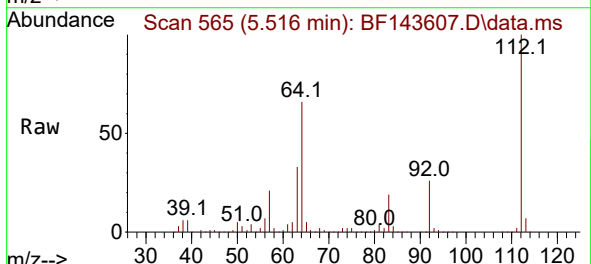
Instrument :
BNA_F
ClientSampleId :
PB169431BL



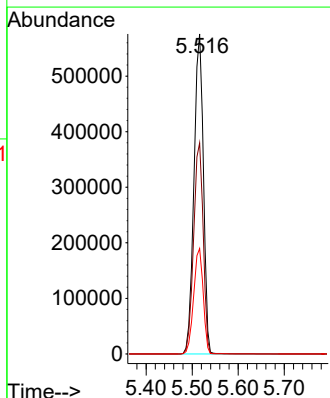
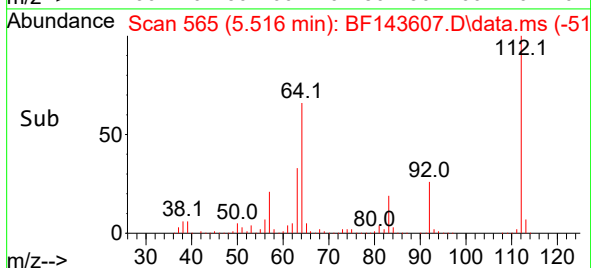
Tgt Ion:152 Resp: 119642
Ion Ratio Lower Upper
152 100
150 156.3 124.9 187.3
115 58.0 48.0 72.0

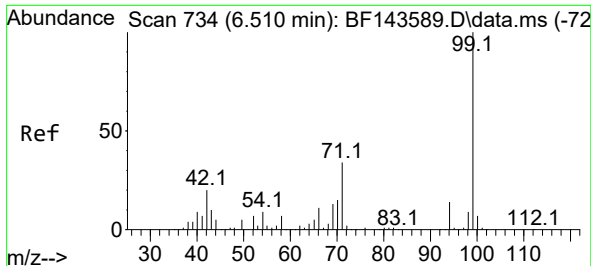


#5
2-Fluorophenol
Concen: 116.081 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF143607.D
Acq: 28 Aug 2025 13:43



Tgt Ion:112 Resp: 816003
Ion Ratio Lower Upper
112 100
64 66.0 54.8 82.2
63 32.9 27.6 41.4

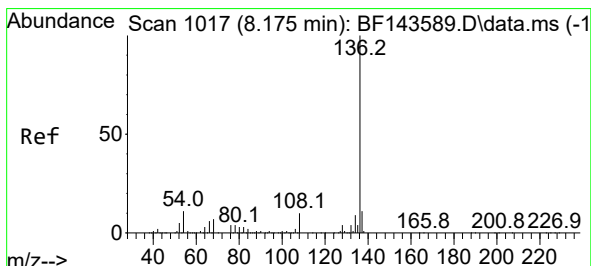
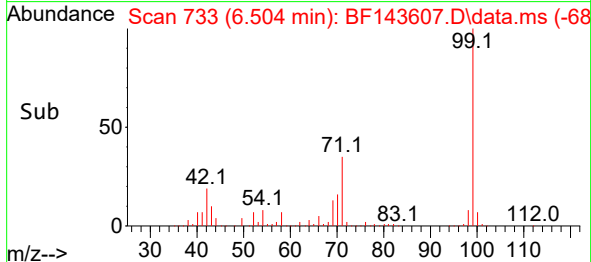
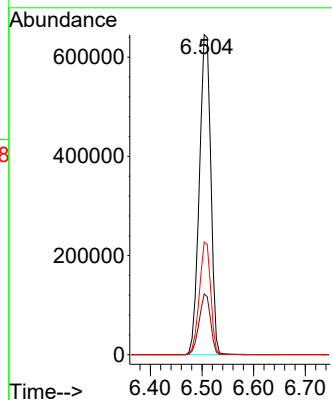
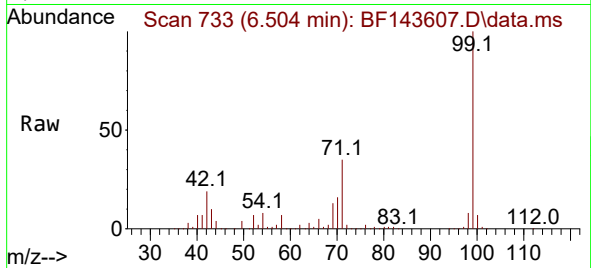




#7
Phenol-d6
Concen: 114.241 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143607.D
Acq: 28 Aug 2025 13:43

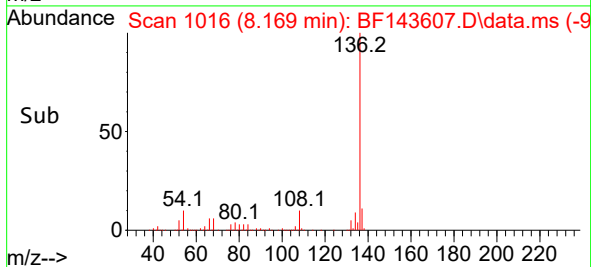
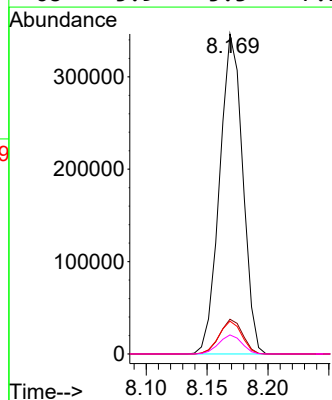
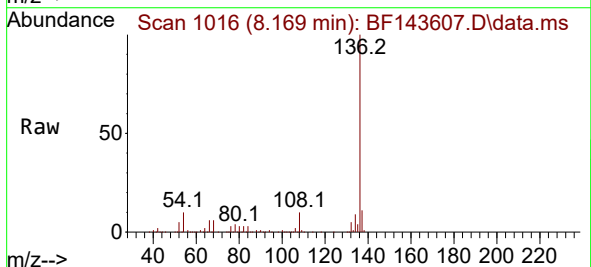
Instrument :
BNA_F
ClientSampleId :
PB169431BL

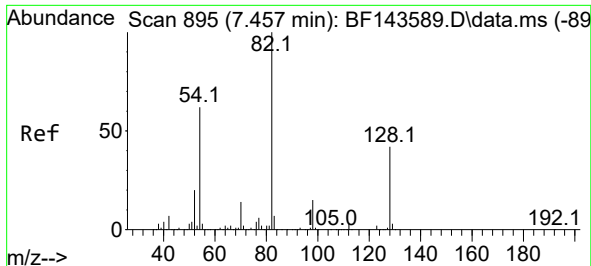
Tgt Ion: 99 Resp: 994647
Ion Ratio Lower Upper
99 100
42 18.9 15.9 23.9
71 35.2 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143607.D
Acq: 28 Aug 2025 13:43

Tgt Ion:136 Resp: 458123
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.2 9.0 13.6
68 5.9 5.3 7.9





#23

Nitrobenzene-d5

Concen: 97.254 ng

RT: 7.451 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF143607.D

Acq: 28 Aug 2025 13:43

Instrument :

BNA_F

ClientSampleId :

PB169431BL

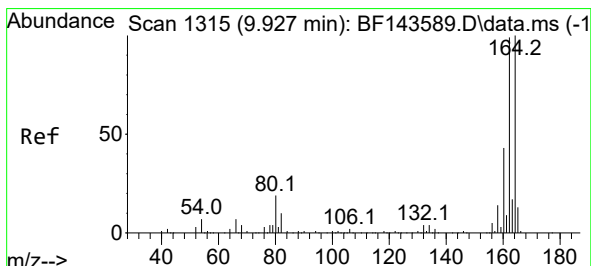
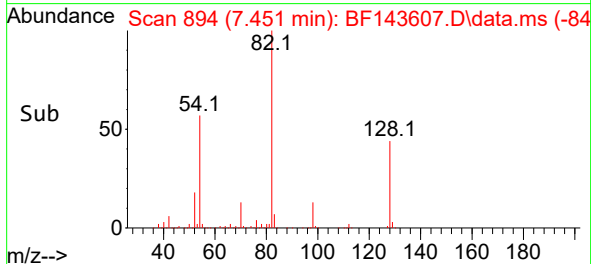
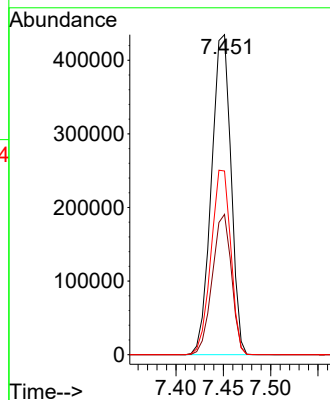
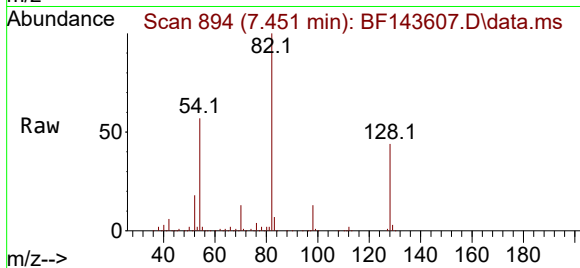
Tgt Ion: 82 Resp: 624002

Ion Ratio Lower Upper

82 100

128 43.9 33.4 50.2

54 57.4 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: BF143607.D

Acq: 28 Aug 2025 13:43

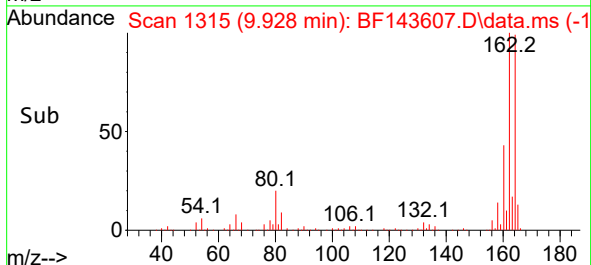
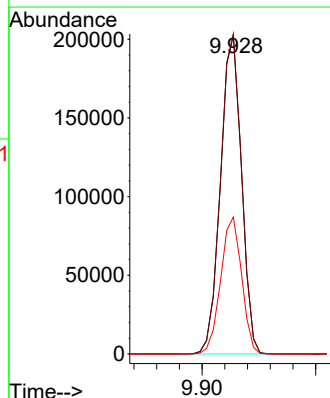
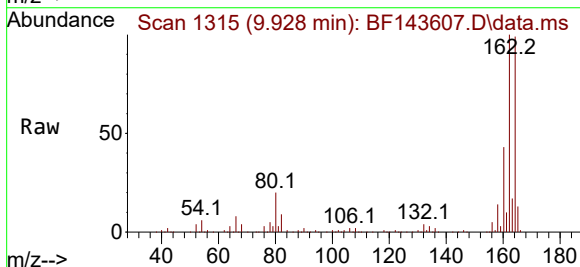
Tgt Ion:164 Resp: 259039

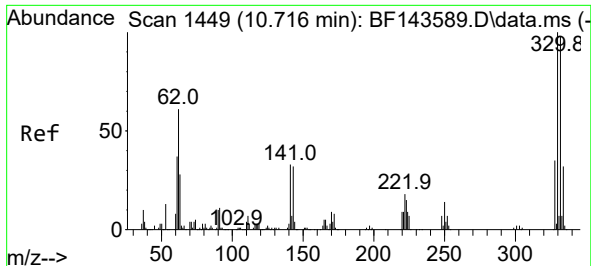
Ion Ratio Lower Upper

164 100

162 100.6 79.5 119.3

160 43.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 136.356 ng

RT: 10.716 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF143607.D

Acq: 28 Aug 2025 13:43

Instrument :

BNA_F

ClientSampleId :

PB169431BL

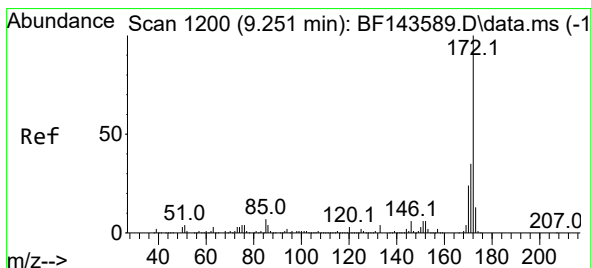
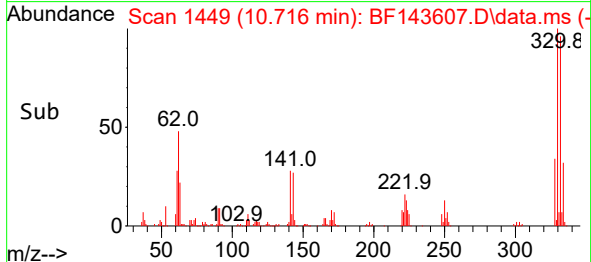
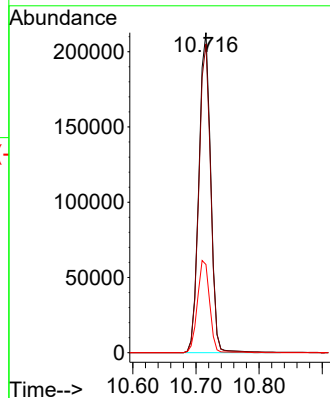
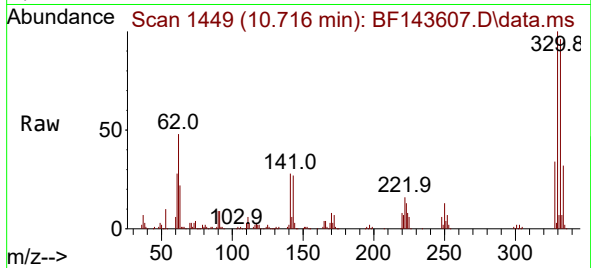
Tgt Ion:330 Resp: 276221

Ion Ratio Lower Upper

330 100

332 96.5 78.2 117.4

141 29.7 25.4 38.0



#45

2-Fluorobiphenyl

Concen: 82.584 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143607.D

Acq: 28 Aug 2025 13:43

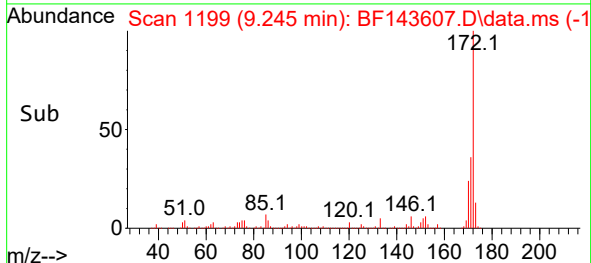
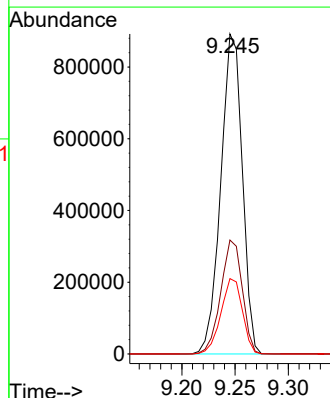
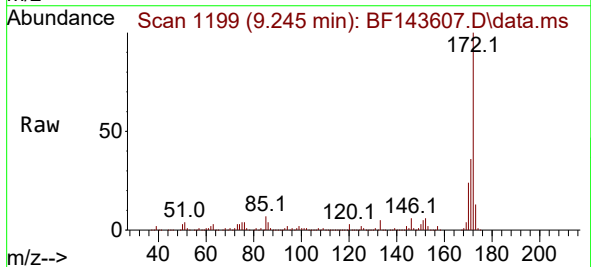
Tgt Ion:172 Resp: 1251192

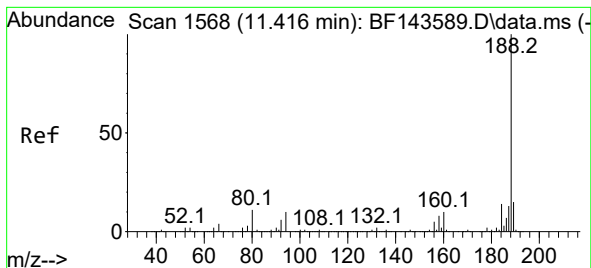
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.6 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: BF143607.D

Acq: 28 Aug 2025 13:43

Instrument :

BNA_F

ClientSampleId :

PB169431BL

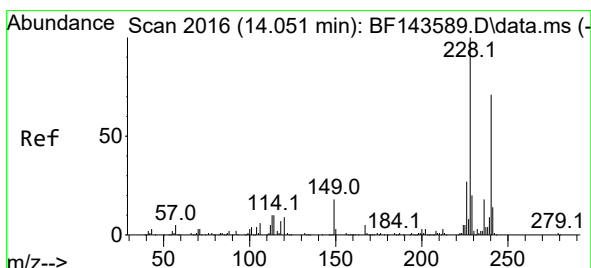
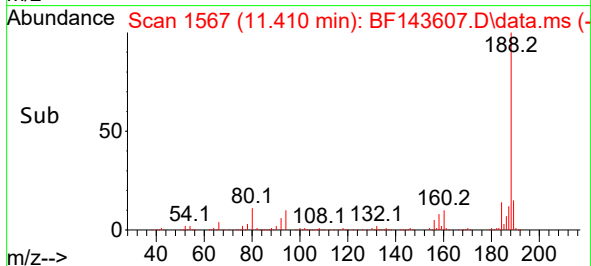
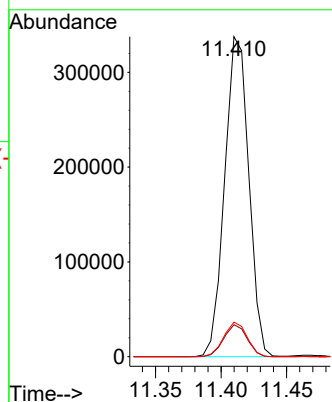
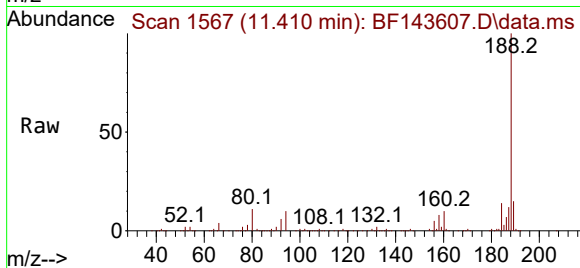
Tgt Ion:188 Resp: 431993

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.4

80 10.8 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: BF143607.D

Acq: 28 Aug 2025 13:43

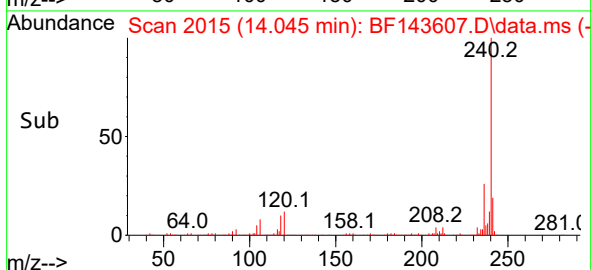
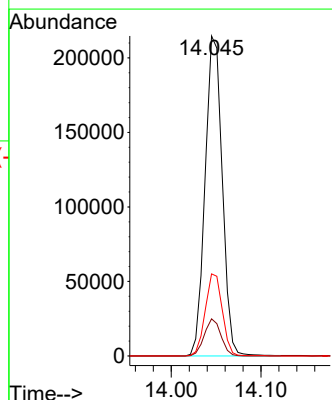
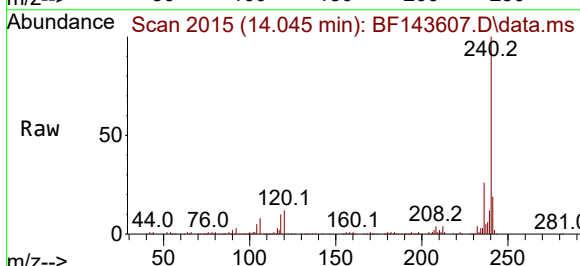
Tgt Ion:240 Resp: 285579

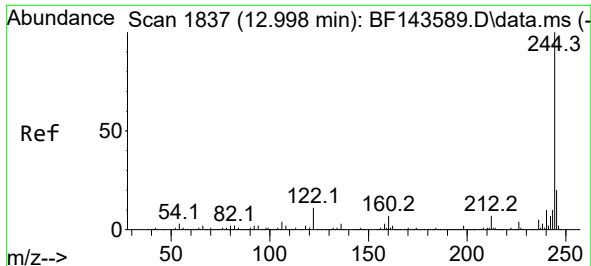
Ion Ratio Lower Upper

240 100

120 11.6 9.6 14.4

236 25.6 20.2 30.2

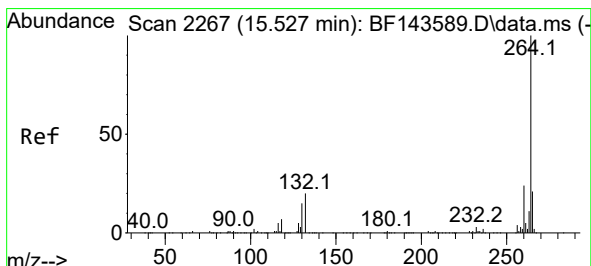
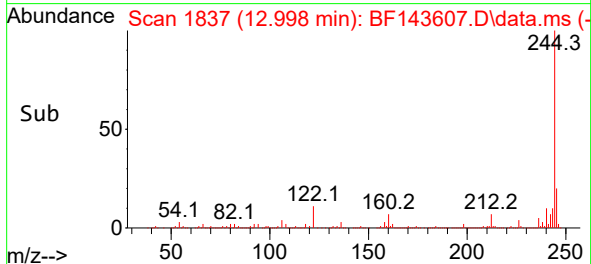
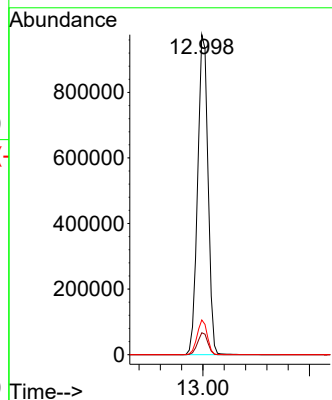
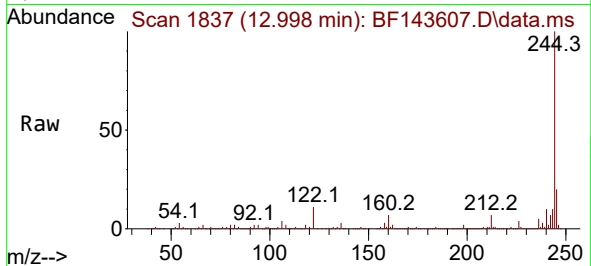




#79
 Terphenyl-d14
 Concen: 82.925 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF143607.D
 Acq: 28 Aug 2025 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB169431BL

Tgt Ion:244 Resp: 1319687
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 10.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2267
 Delta R.T. 0.000 min
 Lab File: BF143607.D
 Acq: 28 Aug 2025 13:43

Tgt Ion:264 Resp: 196064
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.9 28.3
 265 21.0 17.0 25.4

