

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
 Data File : BF143306.D
 Acq On : 05 Aug 2025 10:29
 Operator : RC/JU
 Sample : PB169095BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169095BL

Quant Time: Aug 05 11:02:50 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	6.963	152	114562	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	444658	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	231807	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	384624	20.000	ng	0.00
76) Chrysene-d12	14.127	240	231168	20.000	ng	0.00
86) Perylene-d12	15.633	264	249231	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	892339	123.260	ng	0.01
7) Phenol-d6	6.587	99	1132998	124.338	ng	0.00
23) Nitrobenzene-d5	7.516	82	758819	85.065	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	303025	126.540	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1392098	82.131	ng	0.00
79) Terphenyl-d14	13.069	244	1279760	82.383	ng	0.00

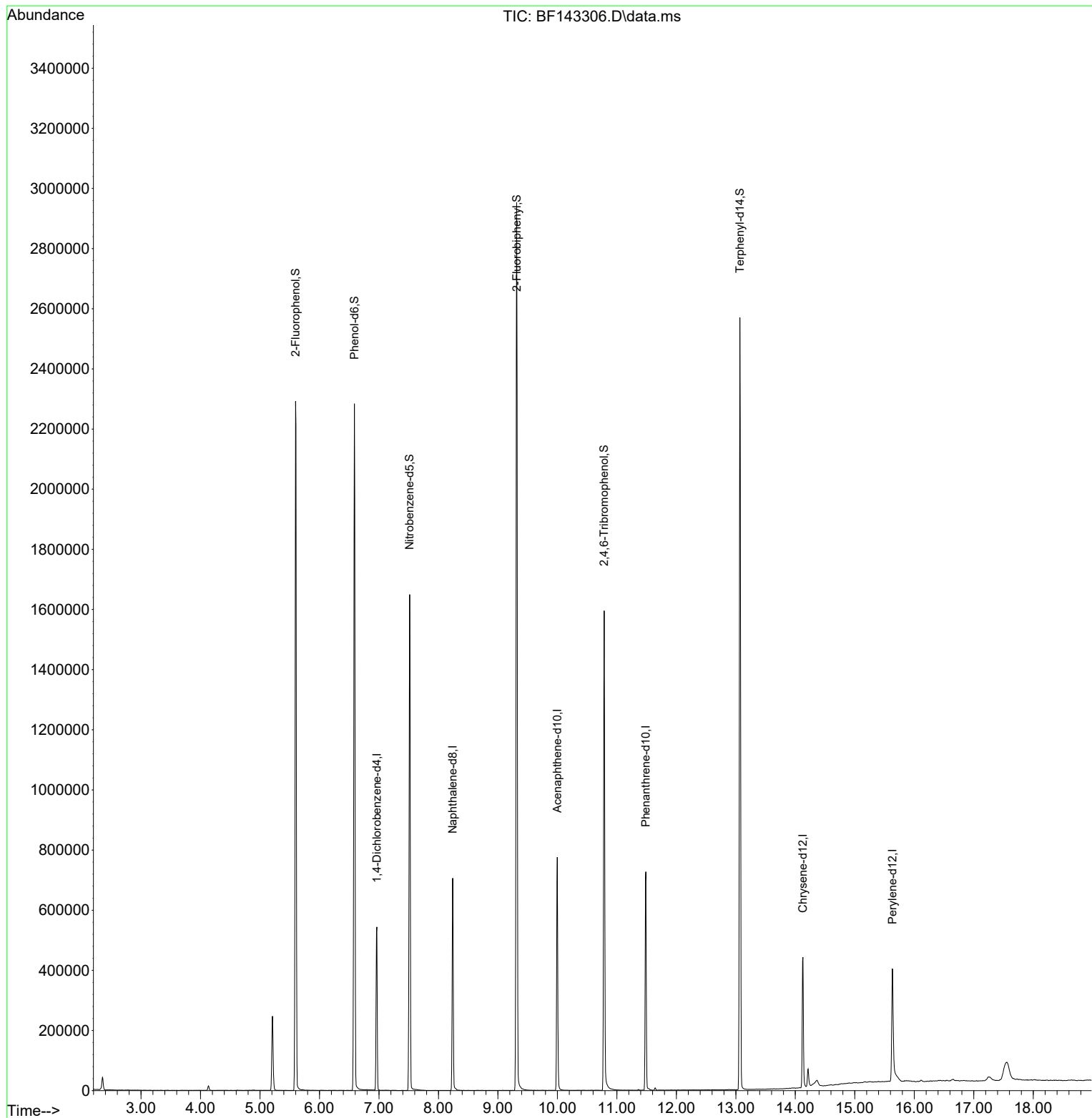
Target Compounds	Qvalue

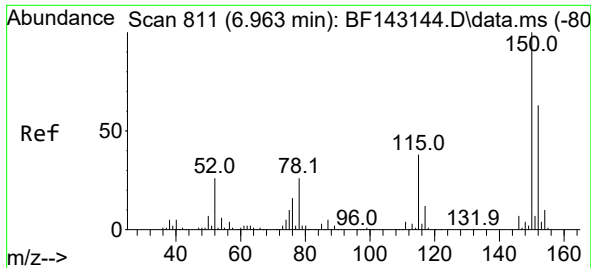
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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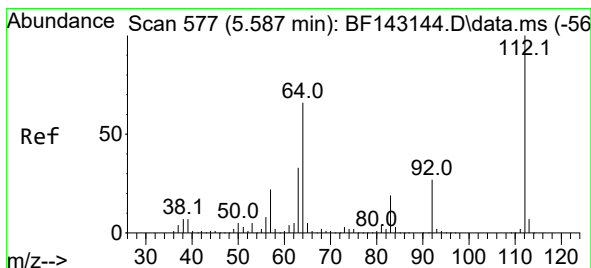
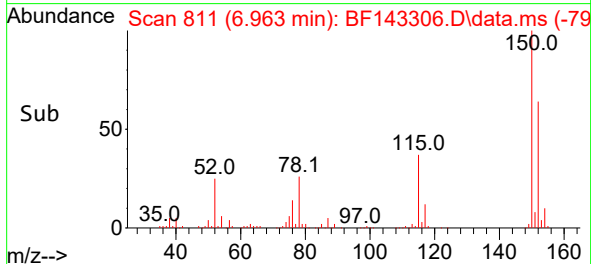
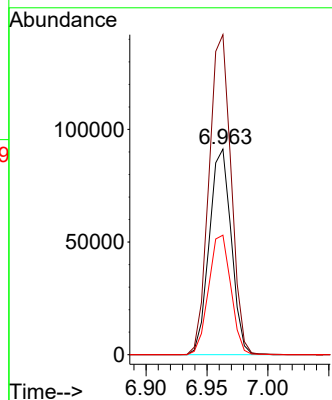
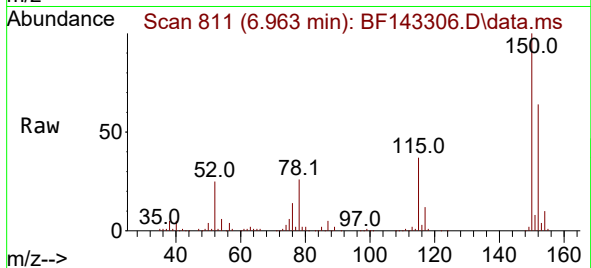




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143306.D
Acq: 05 Aug 2025 10:29

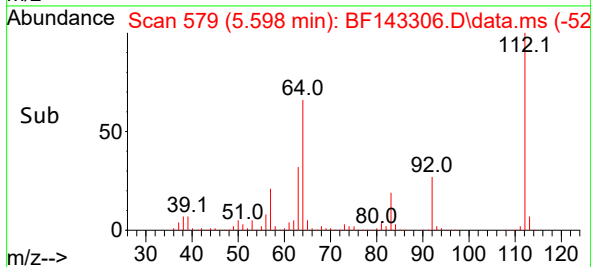
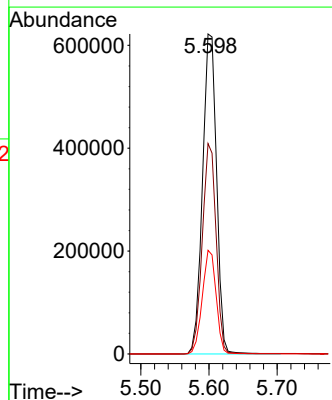
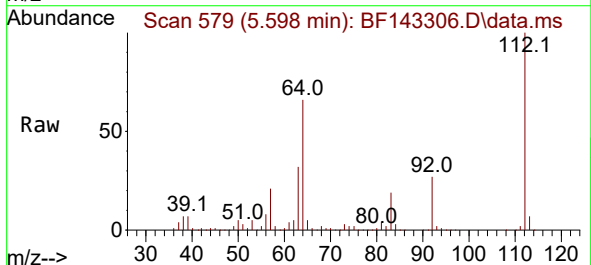
Instrument :
BNA_F
ClientSampleId :
PB169095BL

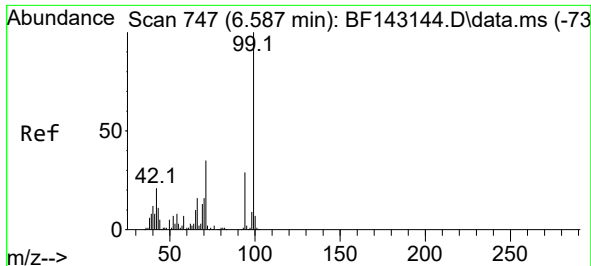
Tgt Ion:152 Resp: 114562
Ion Ratio Lower Upper
152 100
150 155.6 128.2 192.4
115 58.1 47.9 71.9



#5
2-Fluorophenol
Concen: 123.260 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143306.D
Acq: 05 Aug 2025 10:29

Tgt Ion:112 Resp: 892339
Ion Ratio Lower Upper
112 100
64 65.8 53.1 79.7
63 32.4 26.6 40.0

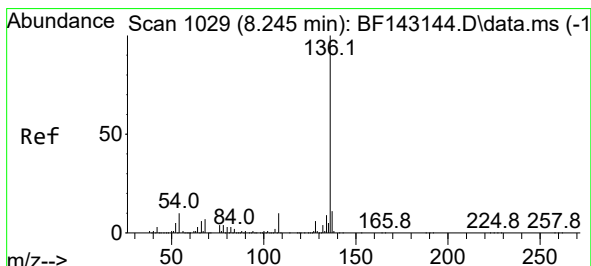
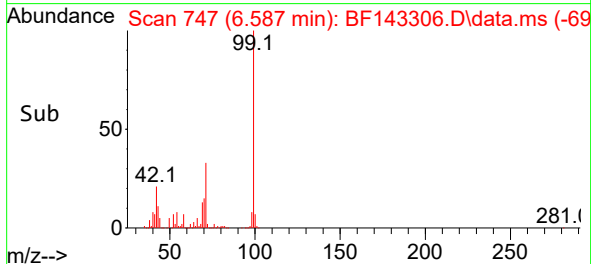
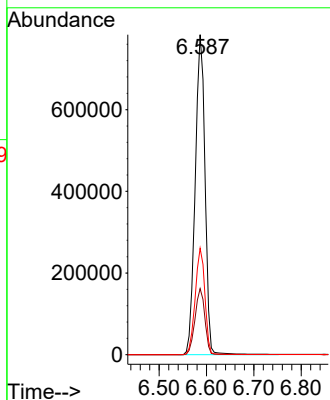
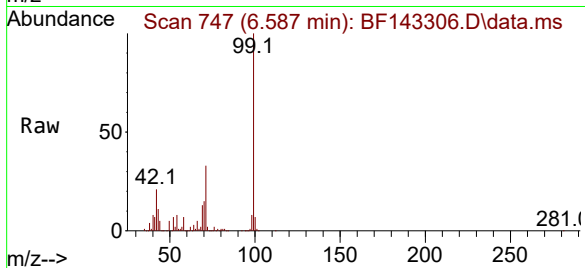




#7
Phenol-d6
Concen: 124.338 ng
RT: 6.587 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF143306.D
Acq: 05 Aug 2025 10:29

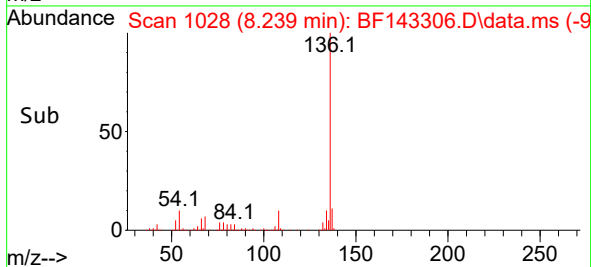
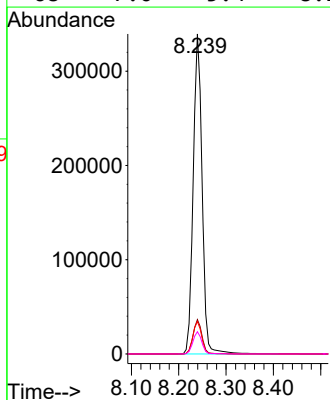
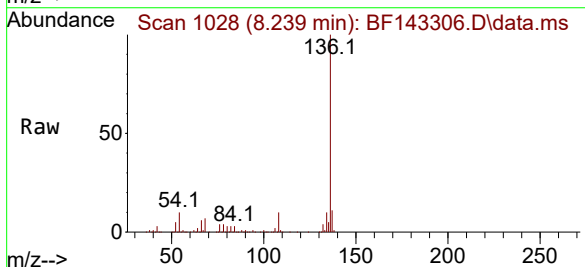
Instrument :
BNA_F
ClientSampleId :
PB169095BL

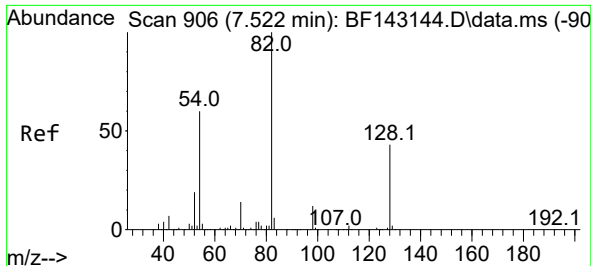
Tgt Ion: 99 Resp: 1132998
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 33.3 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143306.D
Acq: 05 Aug 2025 10:29

Tgt Ion: 136 Resp: 444658
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.2 8.2 12.2
68 7.0 5.4 8.2





#23

Nitrobenzene-d5

Concen: 85.065 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143306.D

Acq: 05 Aug 2025 10:29

Instrument :

BNA_F

ClientSampleId :

PB169095BL

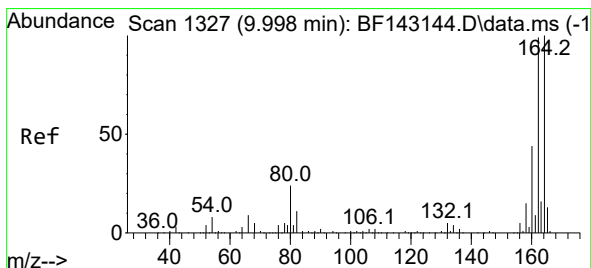
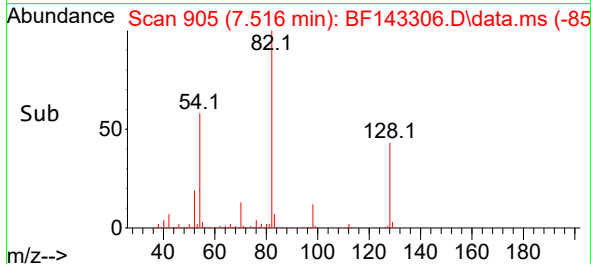
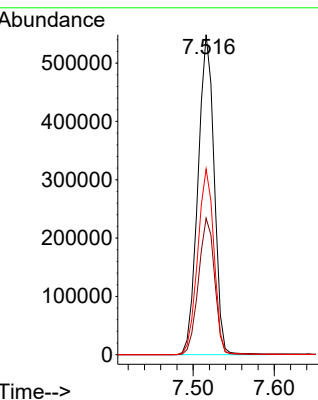
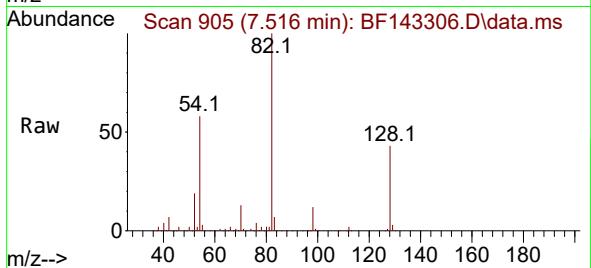
Tgt Ion: 82 Resp: 758819

Ion Ratio Lower Upper

82 100

128 42.7 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: BF143306.D

Acq: 05 Aug 2025 10:29

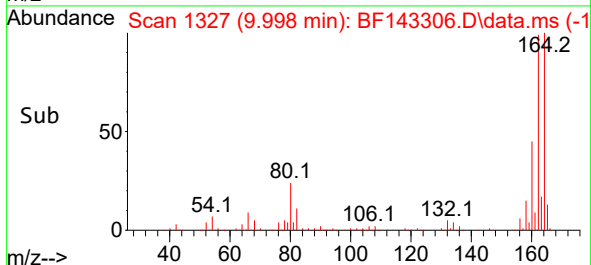
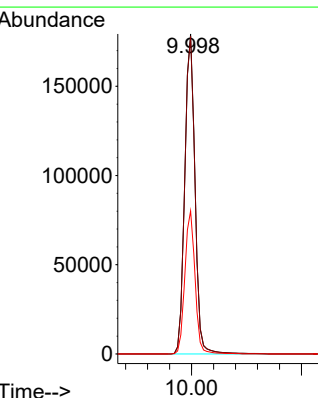
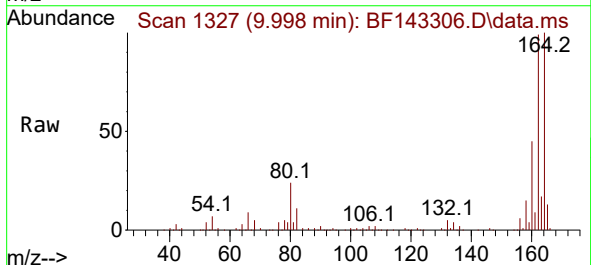
Tgt Ion:164 Resp: 231807

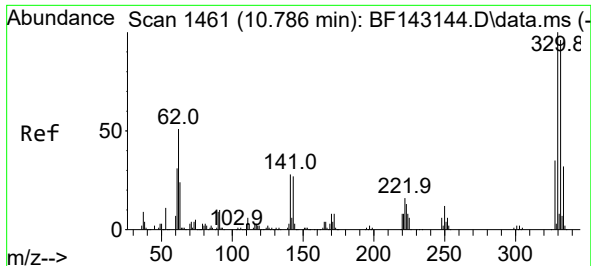
Ion Ratio Lower Upper

164 100

162 99.3 79.0 118.6

160 44.7 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 126.540 ng

RT: 10.786 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BF143306.D

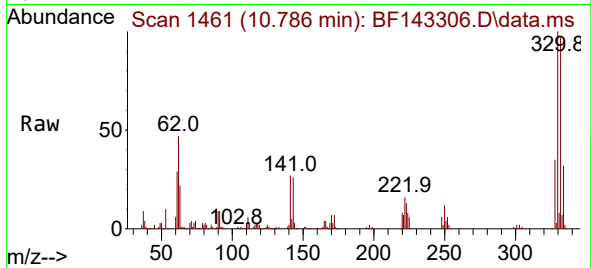
Acq: 05 Aug 2025 10:29

Instrument :

BNA_F

ClientSampleId :

PB169095BL



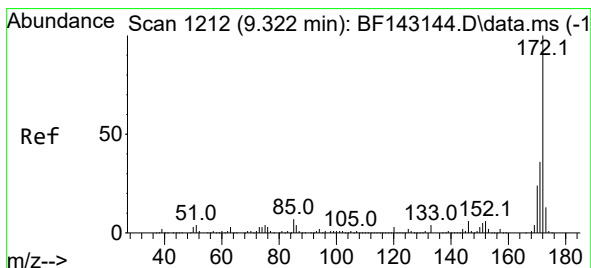
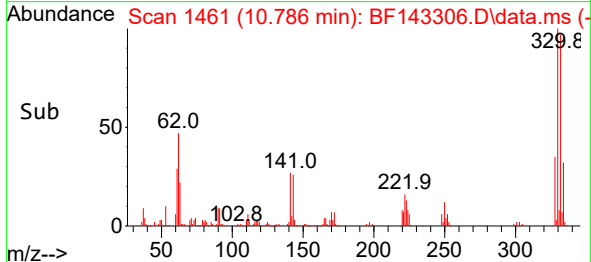
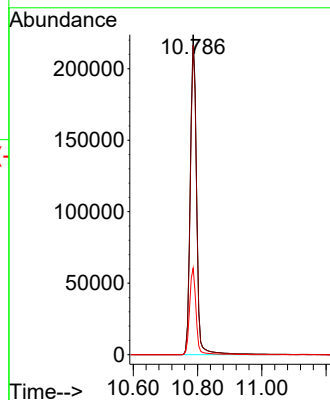
Tgt Ion:330 Resp: 303025

Ion Ratio Lower Upper

330 100

332 95.9 76.7 115.1

141 27.8 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 82.131 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143306.D

Acq: 05 Aug 2025 10:29

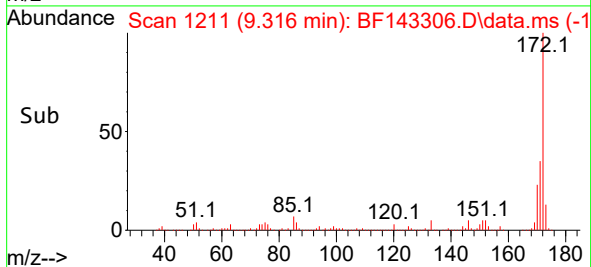
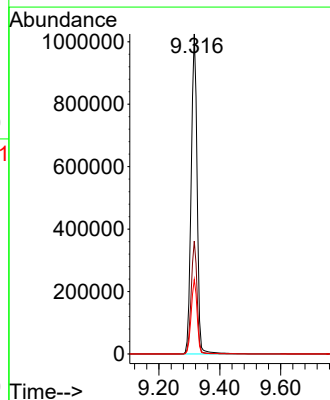
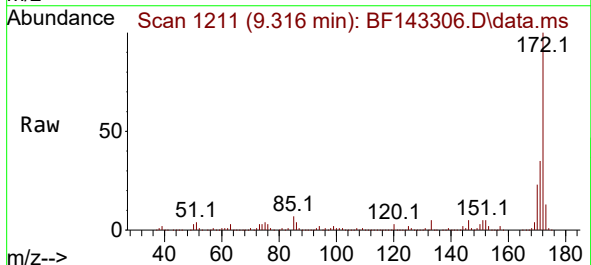
Tgt Ion:172 Resp: 1392098

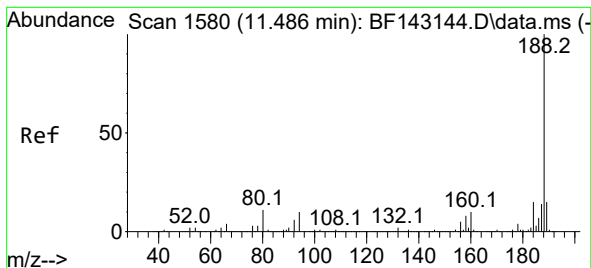
Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.3 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143306.D

Acq: 05 Aug 2025 10:29

Instrument :

BNA_F

ClientSampleId :

PB169095BL

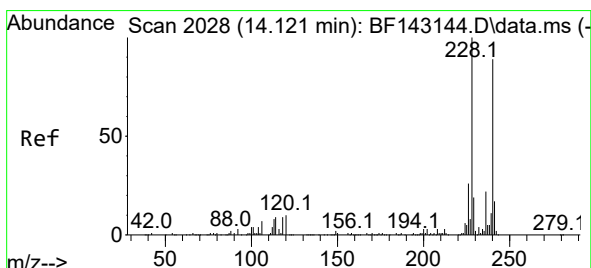
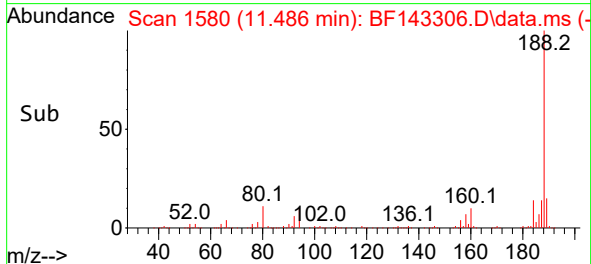
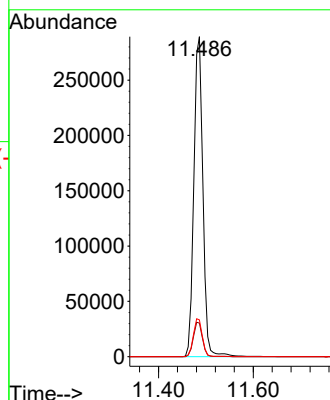
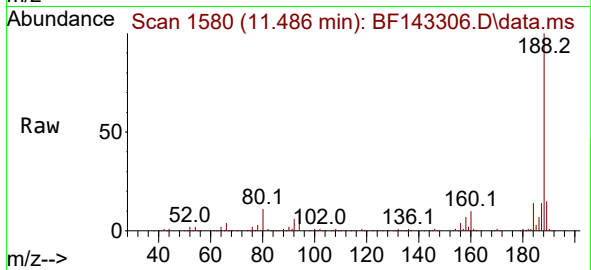
Tgt Ion:188 Resp: 384624

Ion Ratio Lower Upper

188 100

94 10.5 8.3 12.5

80 11.5 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF143306.D

Acq: 05 Aug 2025 10:29

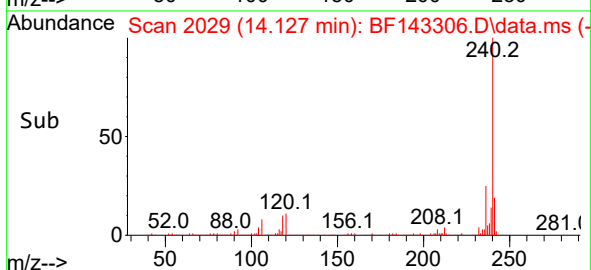
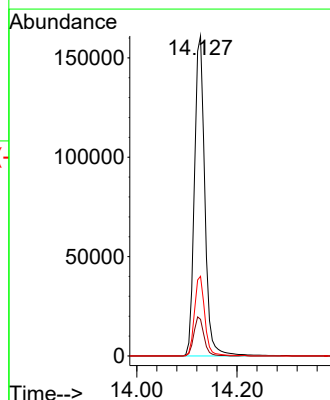
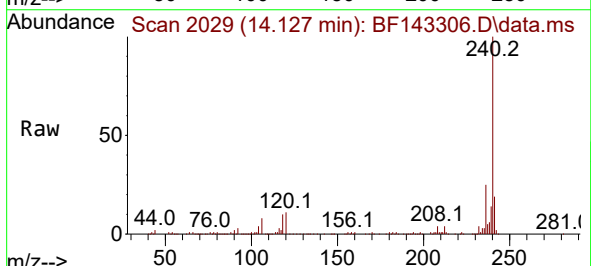
Tgt Ion:240 Resp: 231168

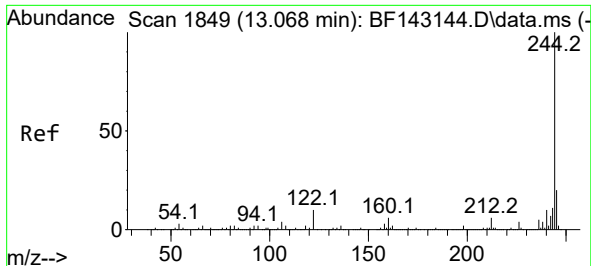
Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.2

236 24.9 20.2 30.4

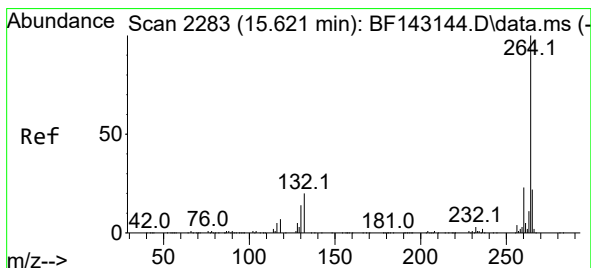
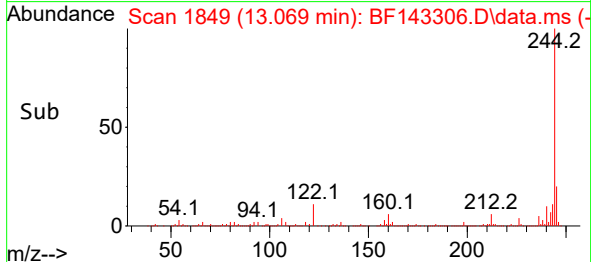
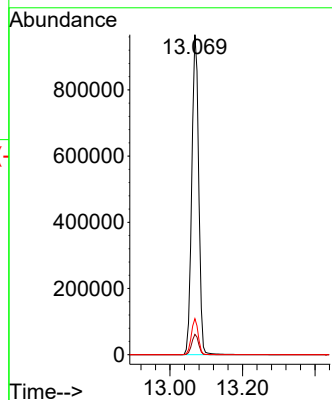
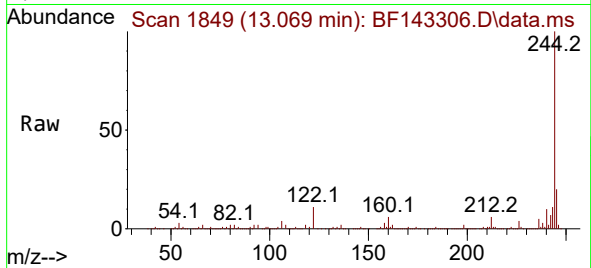




#79
 Terphenyl-d14
 Concen: 82.383 ng
 RT: 13.069 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF143306.D
 Acq: 05 Aug 2025 10:29

Instrument :
 BNA_F
 ClientSampleId :
 PB169095BL

Tgt Ion:244 Resp: 1279760
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.2 7.8
 122 11.2 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 2285
 Delta R.T. 0.012 min
 Lab File: BF143306.D
 Acq: 05 Aug 2025 10:29

Tgt Ion:264 Resp: 249231
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.5 27.7
 265 21.1 17.4 26.2

