

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
 Data File : BF143324.D
 Acq On : 06 Aug 2025 12:05
 Operator : RC/JU
 Sample : PB169119BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169119BL

Quant Time: Aug 06 12:51:53 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	111731	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	431501	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	222591	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	355921	20.000	ng	0.00
76) Chrysene-d12	14.127	240	191645	20.000	ng	0.00
86) Perylene-d12	15.639	264	181718	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	935233	132.459	ng	0.02
7) Phenol-d6	6.592	99	1177903	132.542	ng	0.00
23) Nitrobenzene-d5	7.516	82	786806	90.892	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	286037	124.391	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1432945	88.042	ng	0.00
79) Terphenyl-d14	13.068	244	1285613	99.827	ng	0.00

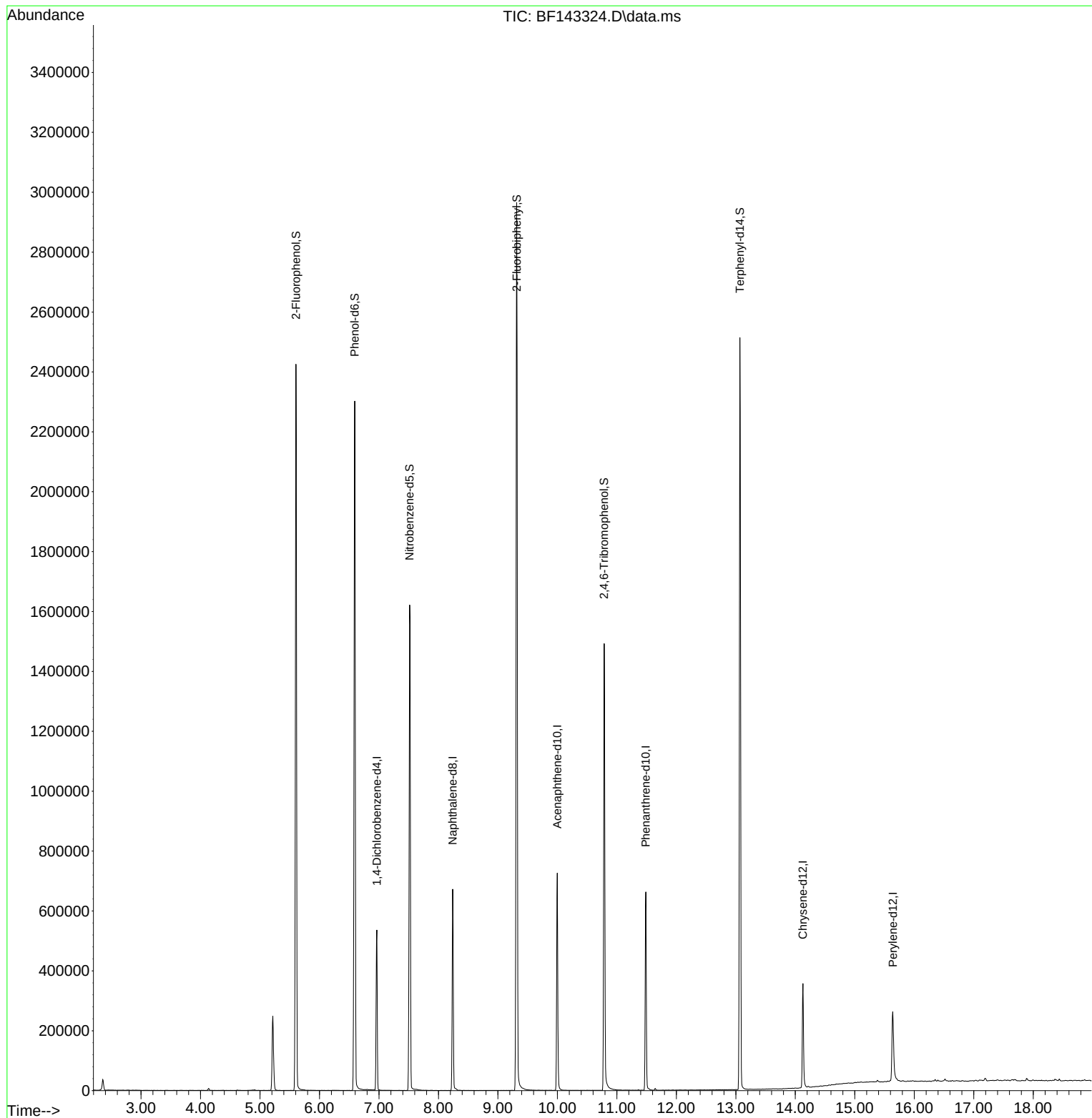
Target Compounds	Qvalue

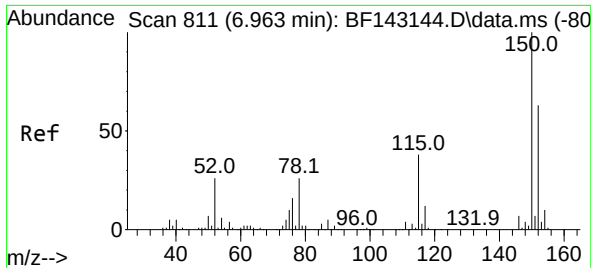
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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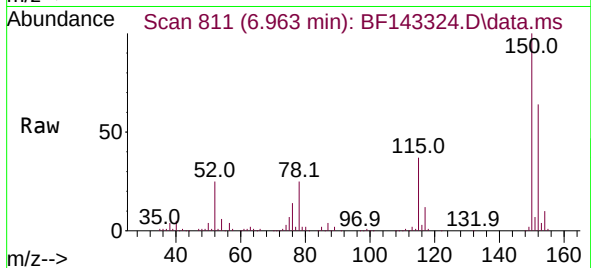
Quant Time: Aug 06 12:51:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
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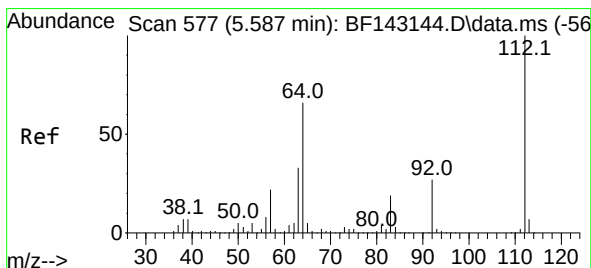
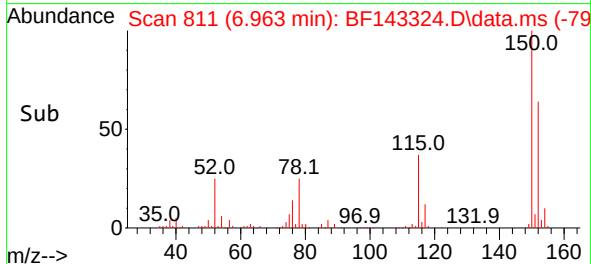
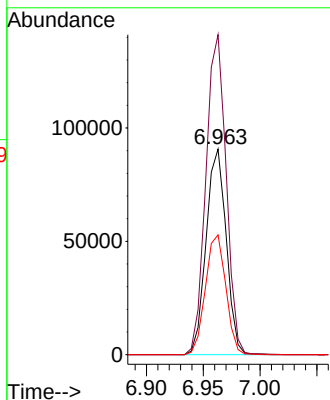


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143324.D
Acq: 06 Aug 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB169119BL

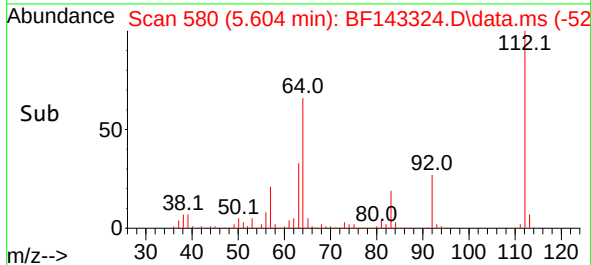
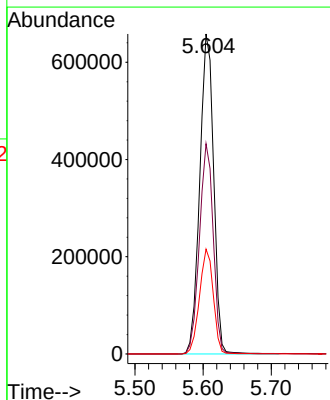
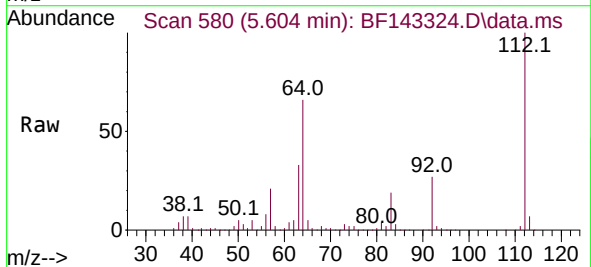


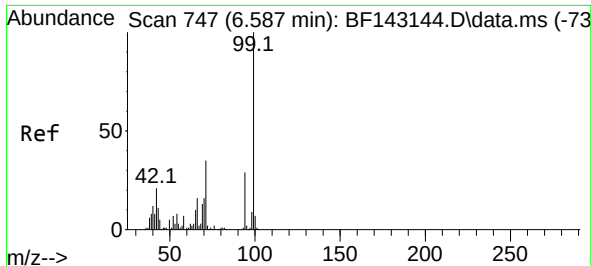
Tgt Ion:152 Resp: 111731
Ion Ratio Lower Upper
152 100
150 155.6 128.2 192.4
115 58.3 47.9 71.9



#5
2-Fluorophenol
Concen: 132.459 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143324.D
Acq: 06 Aug 2025 12:05

Tgt Ion:112 Resp: 935233
Ion Ratio Lower Upper
112 100
64 65.7 53.1 79.7
63 32.8 26.6 40.0

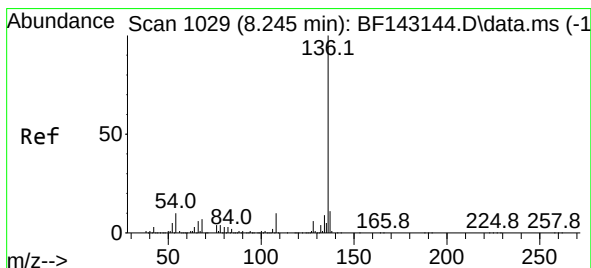
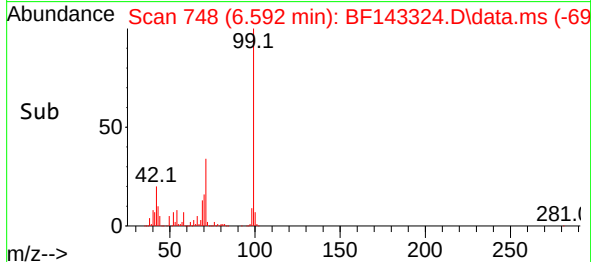
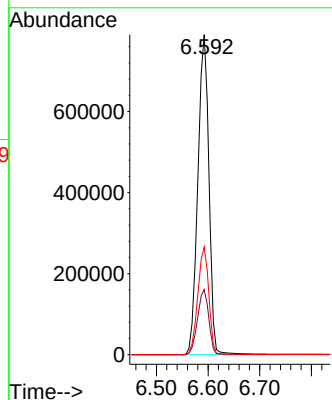
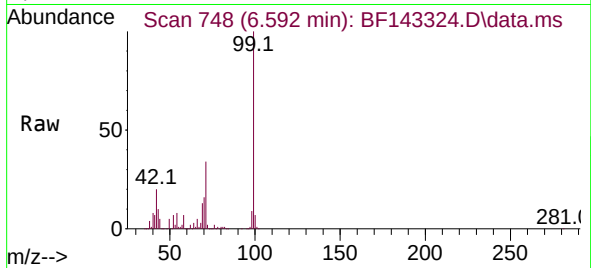




#7
Phenol-d6
Concen: 132.542 ng
RT: 6.592 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF143324.D
Acq: 06 Aug 2025 12:05

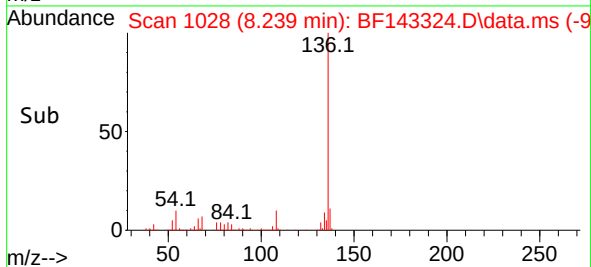
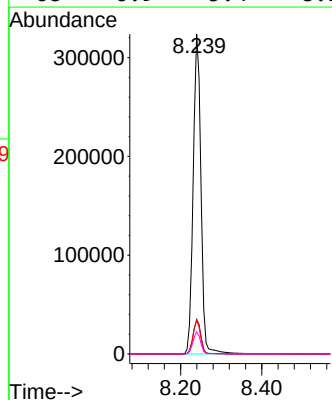
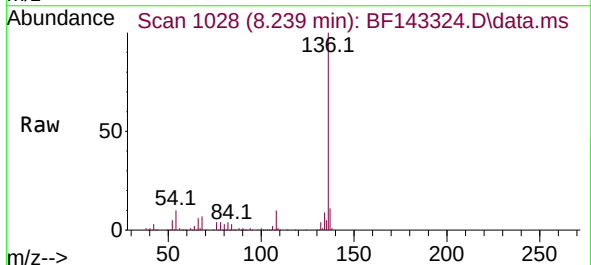
Instrument :
BNA_F
ClientSampleId :
PB169119BL

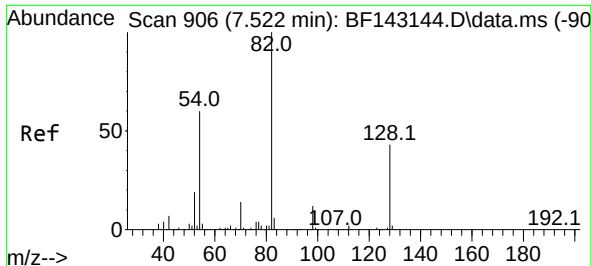
Tgt Ion: 99 Resp: 1177903
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 33.6 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143324.D
Acq: 06 Aug 2025 12:05

Tgt Ion: 136 Resp: 431501
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.4 8.2 12.2
68 6.9 5.4 8.2





#23

Nitrobenzene-d5

Concen: 90.892 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143324.D

Acq: 06 Aug 2025 12:05

Instrument :

BNA_F

ClientSampleId :

PB169119BL

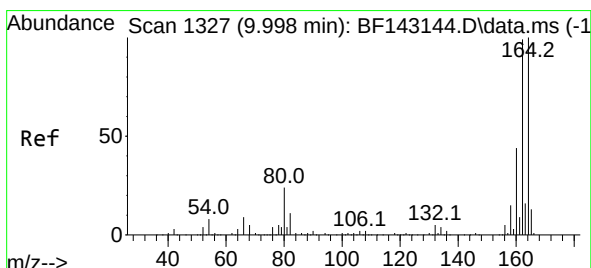
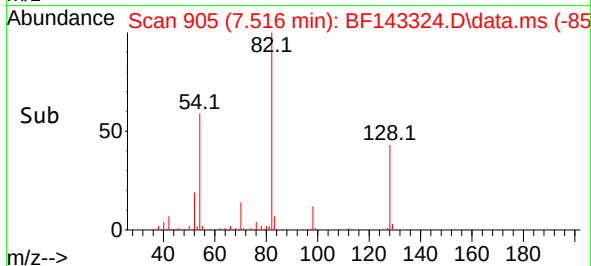
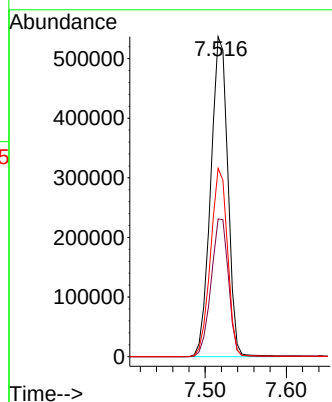
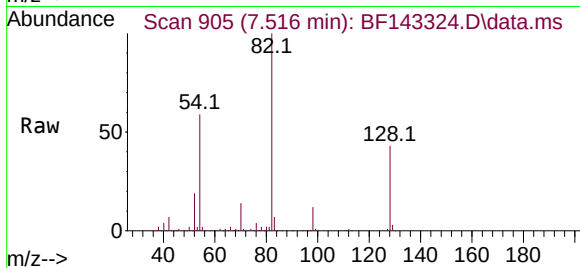
Tgt Ion: 82 Resp: 786806

Ion Ratio Lower Upper

82 100

128 43.0 33.6 50.4

54 58.9 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: BF143324.D

Acq: 06 Aug 2025 12:05

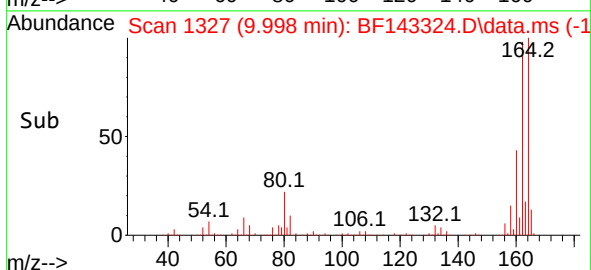
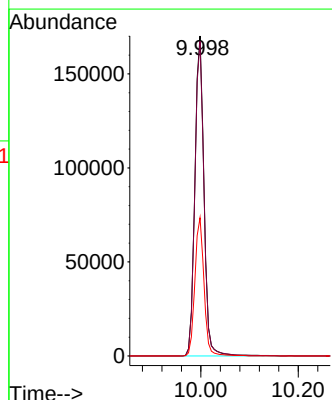
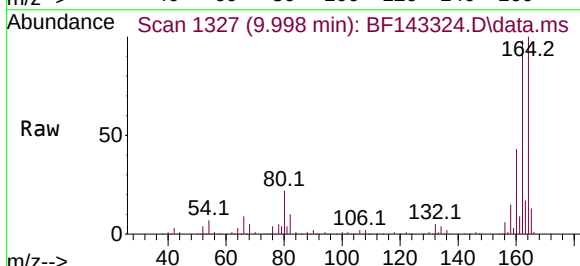
Tgt Ion: 164 Resp: 222591

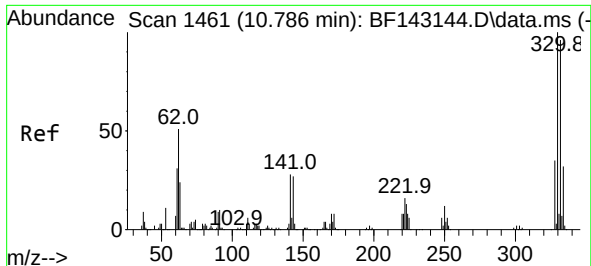
Ion Ratio Lower Upper

164 100

162 98.3 79.0 118.6

160 43.2 35.1 52.7

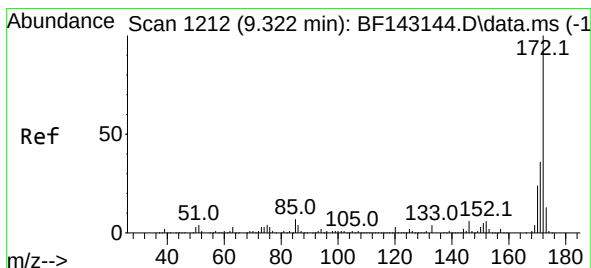
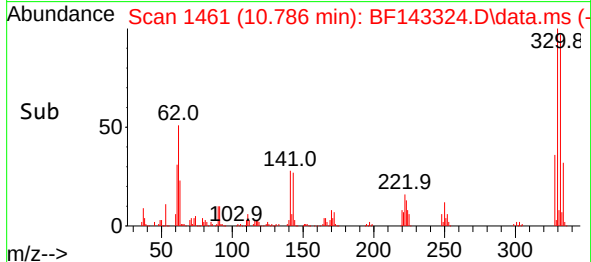
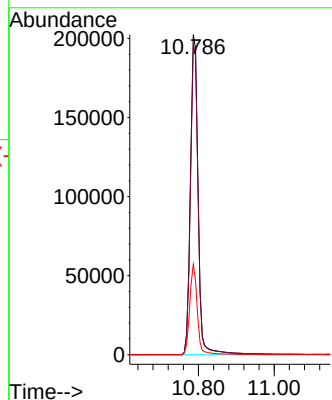
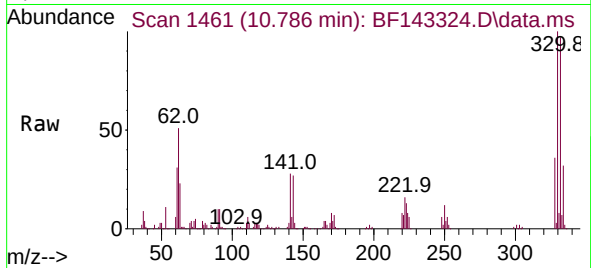




#42
 2,4,6-Tribromophenol
 Concen: 124.391 ng
 RT: 10.786 min Scan# 1461
 Delta R.T. -0.000 min
 Lab File: BF143324.D
 Acq: 06 Aug 2025 12:05

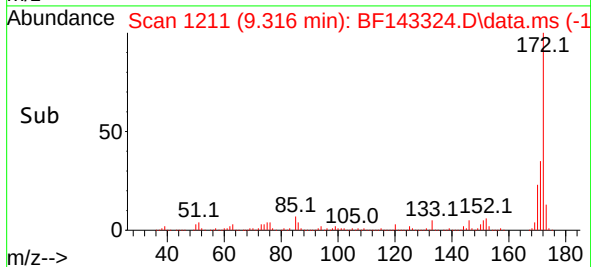
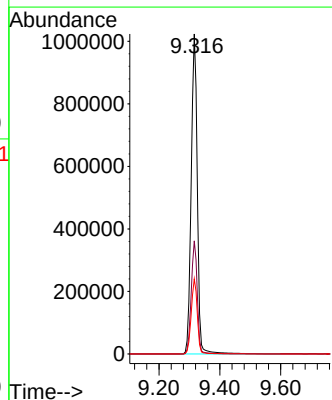
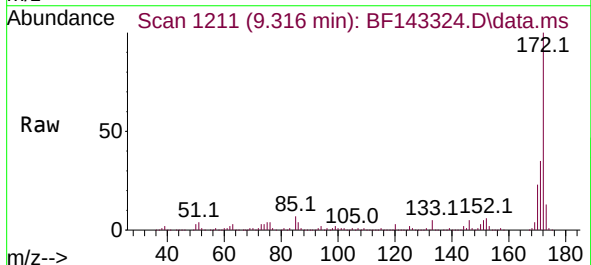
Instrument :
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 ClientSampleId :
 PB169119BL

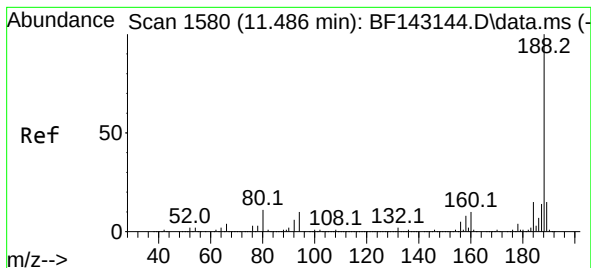
Tgt Ion:330 Resp: 286037
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.7 115.1
 141 27.7 23.3 34.9



#45
 2-Fluorobiphenyl
 Concen: 88.042 ng
 RT: 9.316 min Scan# 1211
 Delta R.T. -0.006 min
 Lab File: BF143324.D
 Acq: 06 Aug 2025 12:05

Tgt Ion:172 Resp: 1432945
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 42.8
 170 23.4 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: BF143324.D

Acq: 06 Aug 2025 12:05

Instrument :

BNA_F

ClientSampleId :

PB169119BL

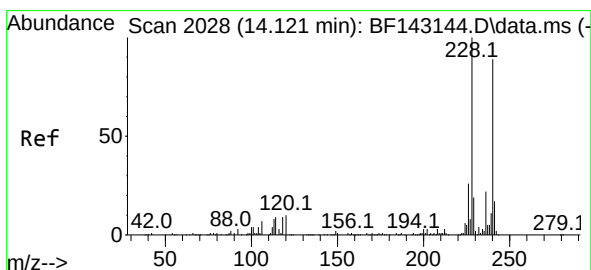
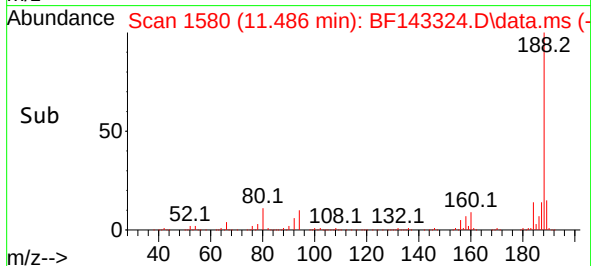
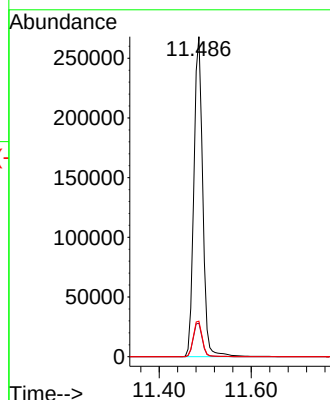
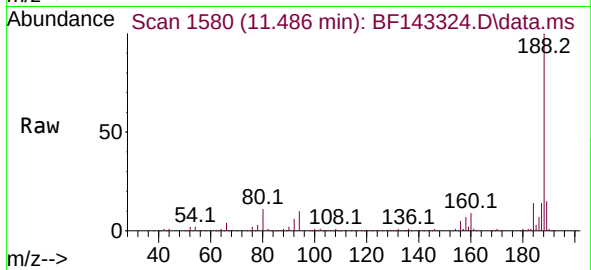
Tgt Ion:188 Resp: 355921

Ion Ratio Lower Upper

188 100

94 10.4 8.3 12.5

80 11.1 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: BF143324.D

Acq: 06 Aug 2025 12:05

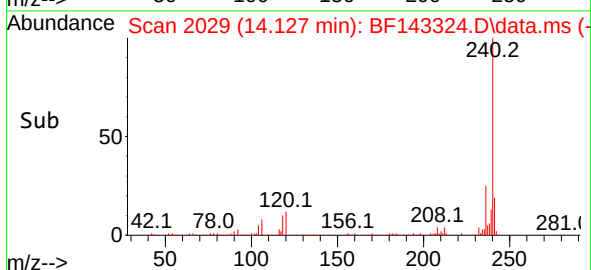
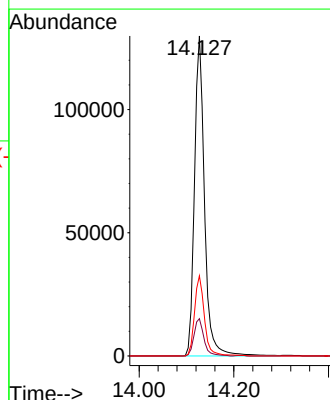
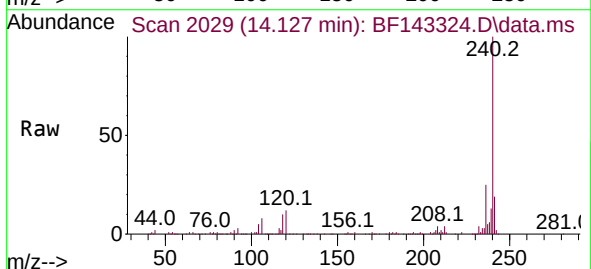
Tgt Ion:240 Resp: 191645

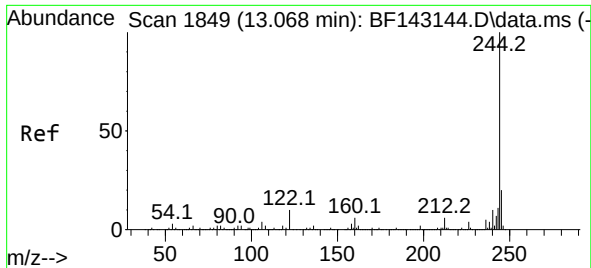
Ion Ratio Lower Upper

240 100

120 11.7 9.4 14.2

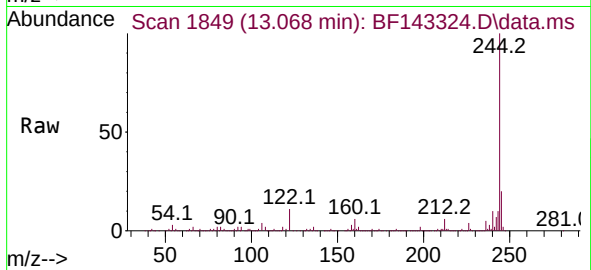
236 25.0 20.2 30.4



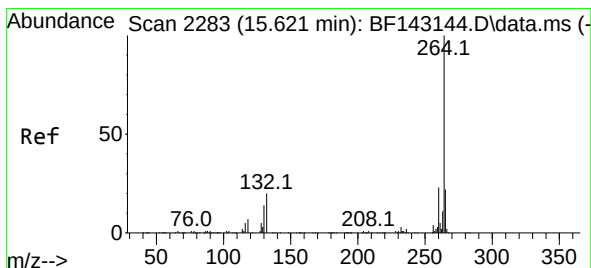
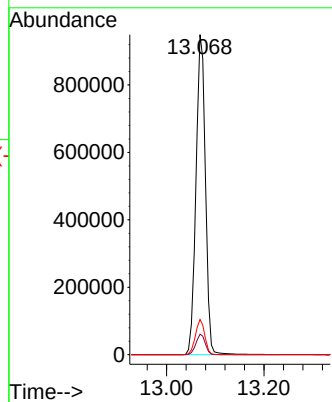
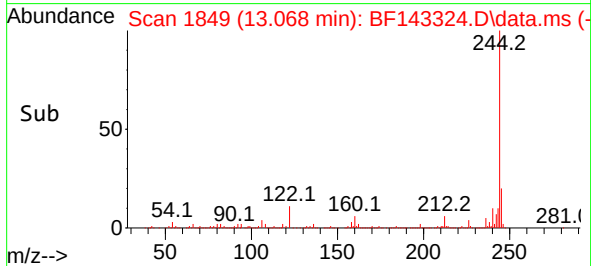


#79
 Terphenyl-d14
 Concen: 99.827 ng
 RT: 13.068 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: BF143324.D
 Acq: 06 Aug 2025 12:05

Instrument :
 BNA_F
 ClientSampleId :
 PB169119BL



Tgt Ion:244 Resp: 1285613
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.2 7.8
 122 11.0 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2286
 Delta R.T. 0.018 min
 Lab File: BF143324.D
 Acq: 06 Aug 2025 12:05

Tgt Ion:264 Resp: 181718
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.5 27.7
 265 21.2 17.4 26.2

