

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
 Data File : BF143224.D
 Acq On : 24 Jul 2025 10:29
 Operator : RC/JU
 Sample : PB168981BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168981BL

Quant Time: Jul 24 11:11:21 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	118118	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	453305	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	238177	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	409139	20.000	ng	0.00
76) Chrysene-d12	14.115	240	251281	20.000	ng	0.00
86) Perylene-d12	15.621	264	267277	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	910272	121.952	ng	0.02
7) Phenol-d6	6.587	99	1148745	122.271	ng	0.00
23) Nitrobenzene-d5	7.516	82	772554	84.953	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	319886	130.008	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1430208	82.123	ng	0.00
79) Terphenyl-d14	13.069	244	1389076	82.262	ng	0.00

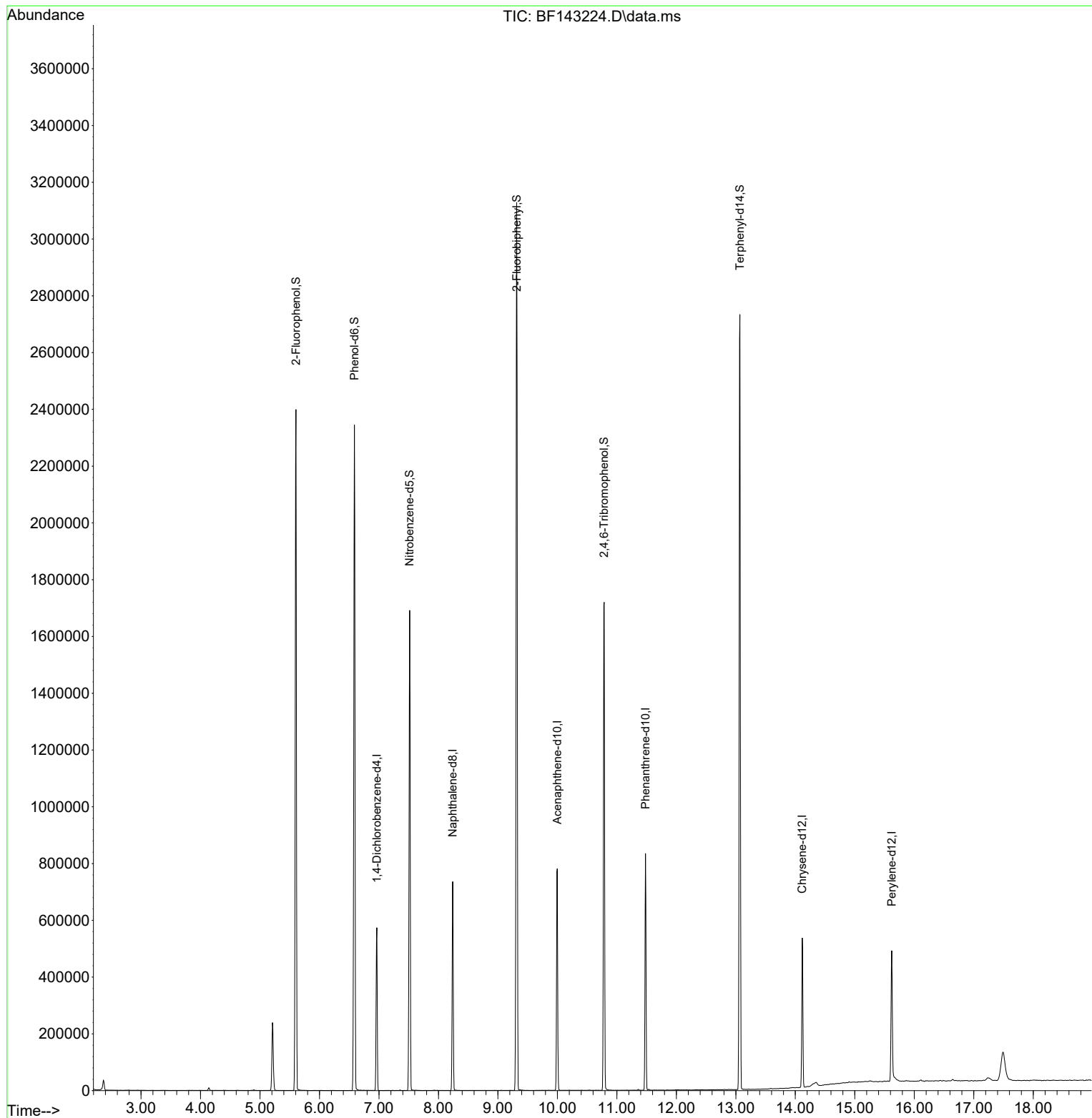
Target Compounds	Qvalue

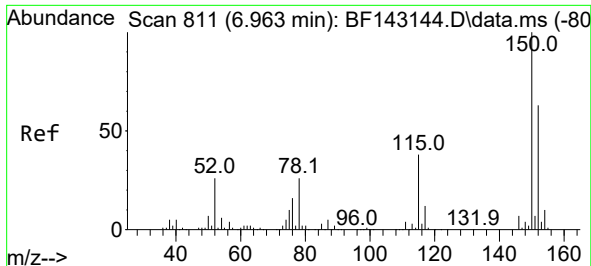
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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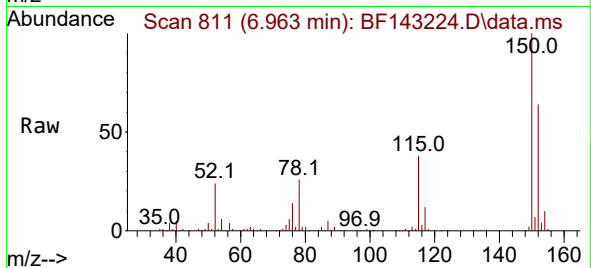
Quant Time: Jul 24 11:11:21 2025
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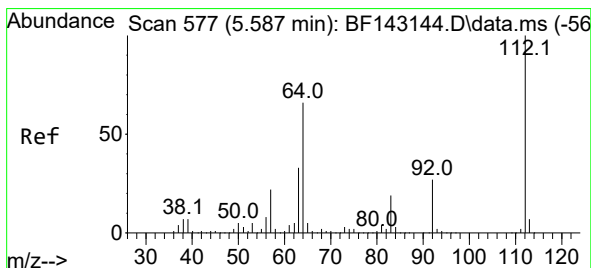
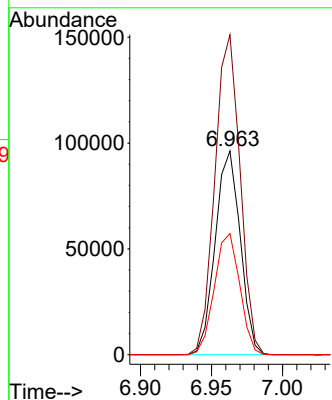
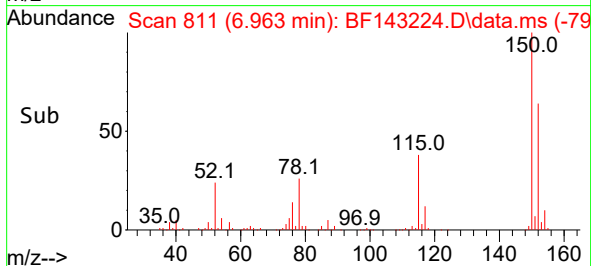


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143224.D
Acq: 24 Jul 2025 10:29

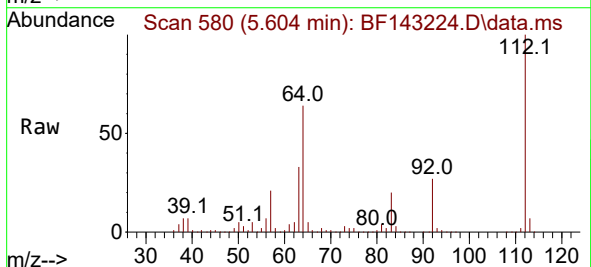
Instrument :
BNA_F
ClientSampleId :
PB168981BL



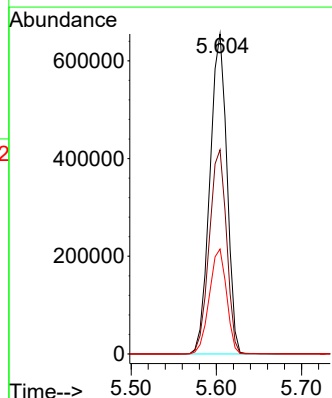
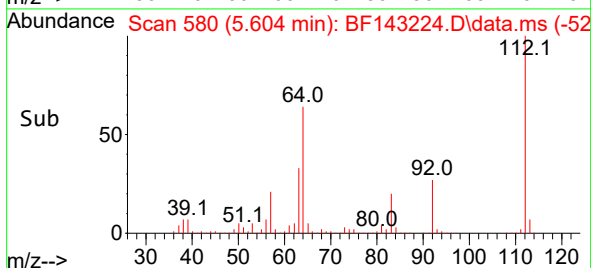
Tgt Ion:152 Resp: 118118
Ion Ratio Lower Upper
152 100
150 157.1 128.2 192.4
115 59.4 47.9 71.9

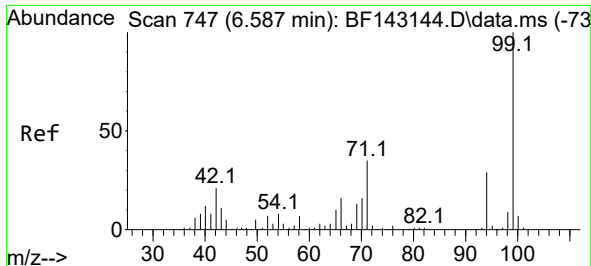


#5
2-Fluorophenol
Concen: 121.952 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143224.D
Acq: 24 Jul 2025 10:29



Tgt Ion:112 Resp: 910272
Ion Ratio Lower Upper
112 100
64 63.8 53.1 79.7
63 32.8 26.6 40.0

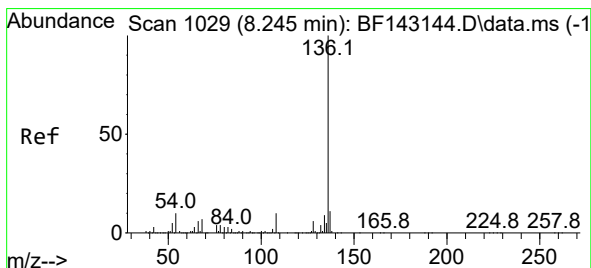
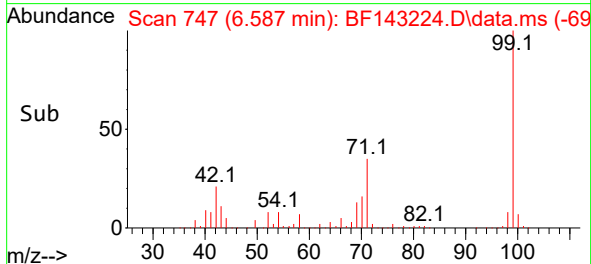
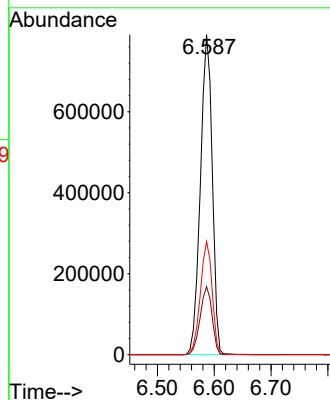
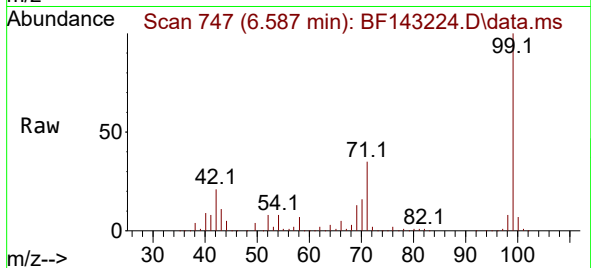




#7
Phenol-d6
Concen: 122.271 ng
RT: 6.587 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF143224.D
Acq: 24 Jul 2025 10:29

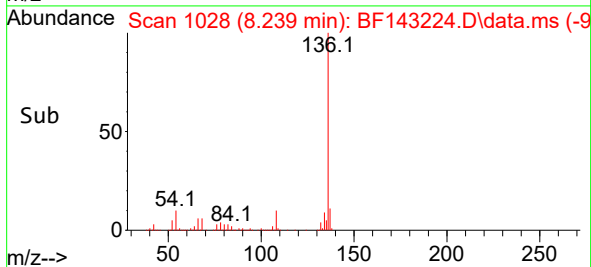
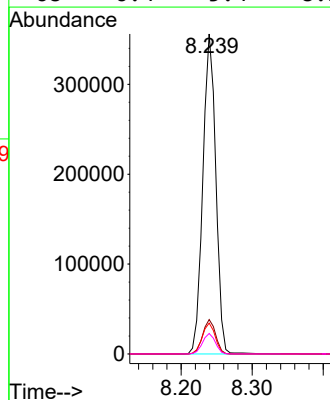
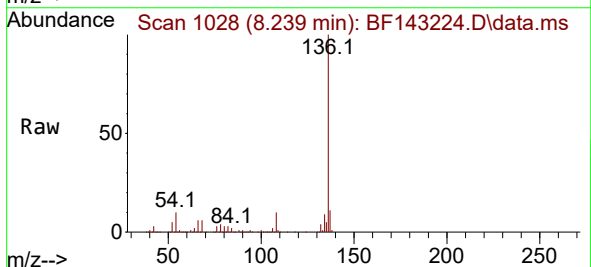
Instrument :
BNA_F
ClientSampleId :
PB168981BL

Tgt Ion: 99 Resp: 1148745
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 35.4 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: BF143224.D
Acq: 24 Jul 2025 10:29

Tgt Ion: 136 Resp: 453305
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.6 8.2 12.2
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 84.953 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143224.D

Acq: 24 Jul 2025 10:29

Instrument :

BNA_F

ClientSampleId :

PB168981BL

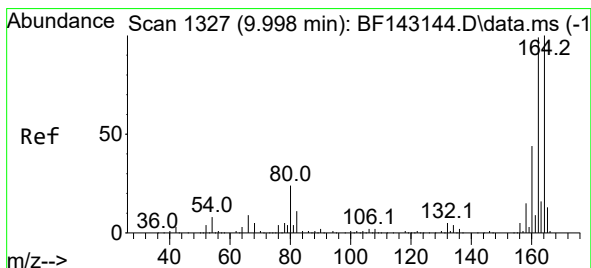
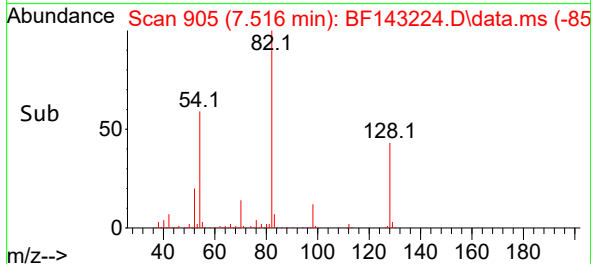
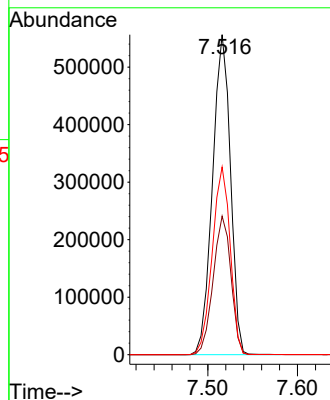
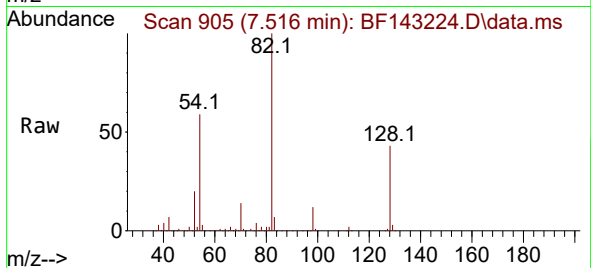
Tgt Ion: 82 Resp: 772554

Ion Ratio Lower Upper

82 100

128 43.3 33.6 50.4

54 58.6 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: BF143224.D

Acq: 24 Jul 2025 10:29

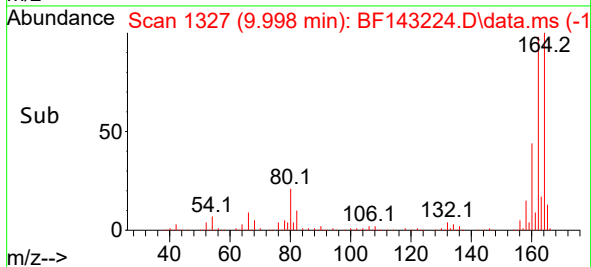
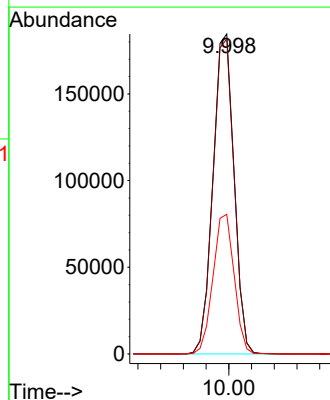
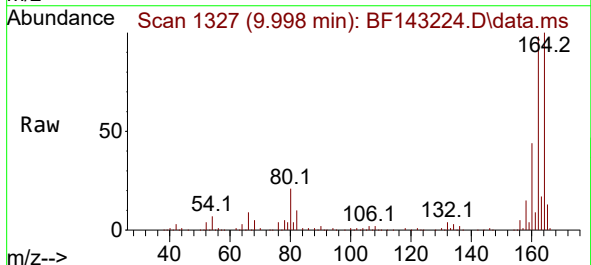
Tgt Ion: 164 Resp: 238177

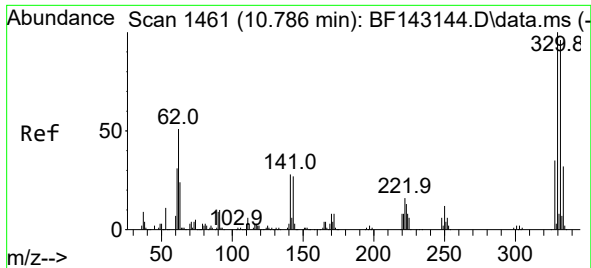
Ion Ratio Lower Upper

164 100

162 98.4 79.0 118.6

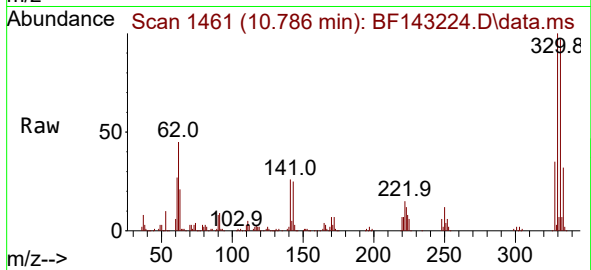
160 43.7 35.1 52.7



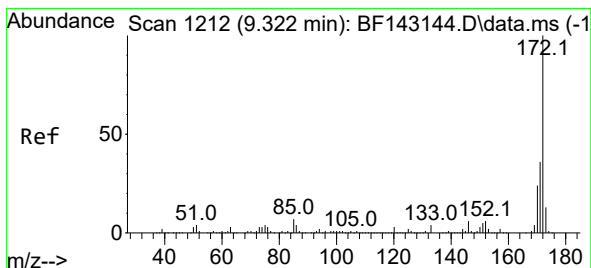
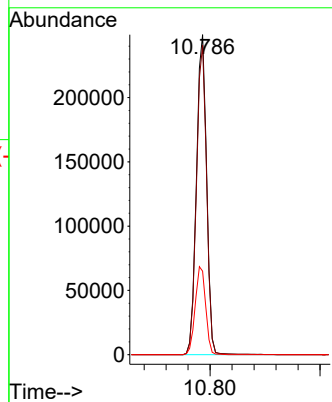
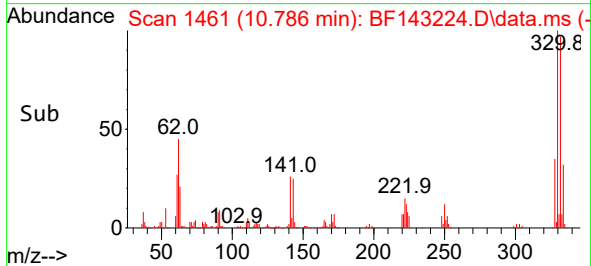


#42
2,4,6-Tribromophenol
Concen: 130.008 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143224.D
Acq: 24 Jul 2025 10:29

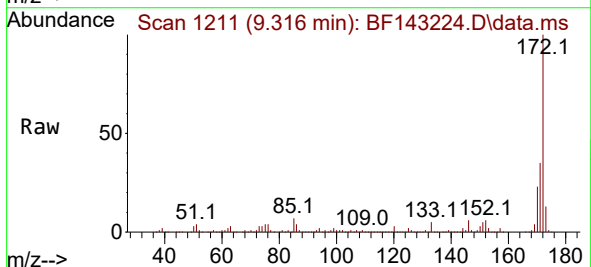
Instrument :
BNA_F
ClientSampleId :
PB168981BL



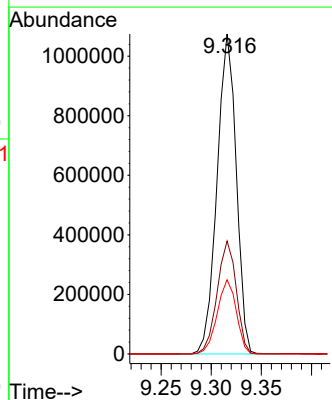
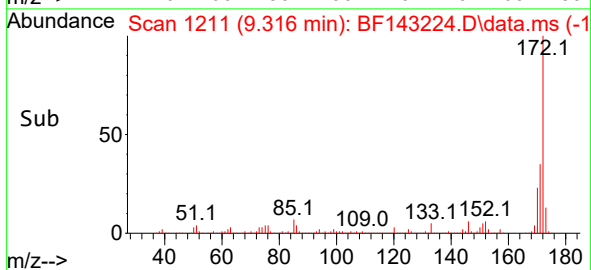
Tgt Ion:330 Resp: 319886
Ion Ratio Lower Upper
330 100
332 96.4 76.7 115.1
141 28.2 23.3 34.9

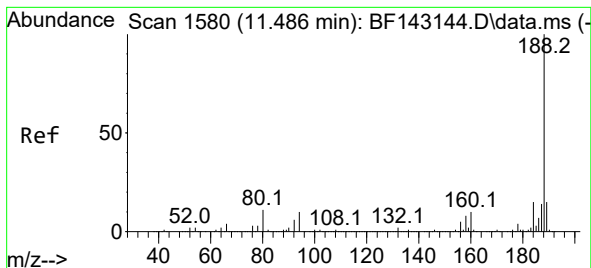


#45
2-Fluorobiphenyl
Concen: 82.123 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143224.D
Acq: 24 Jul 2025 10:29



Tgt Ion:172 Resp: 1430208
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.2 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.480 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143224.D

Acq: 24 Jul 2025 10:29

Instrument :

BNA_F

ClientSampleId :

PB168981BL

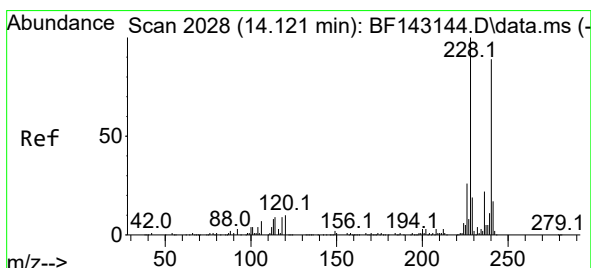
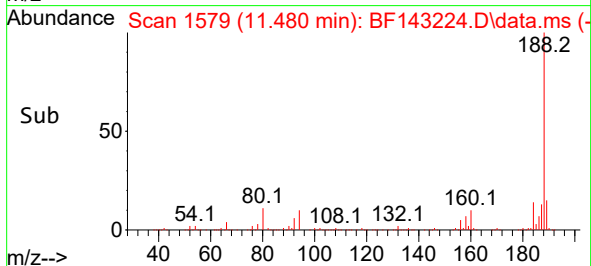
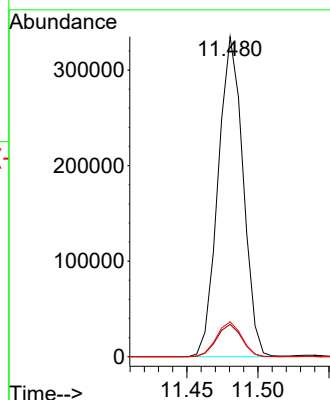
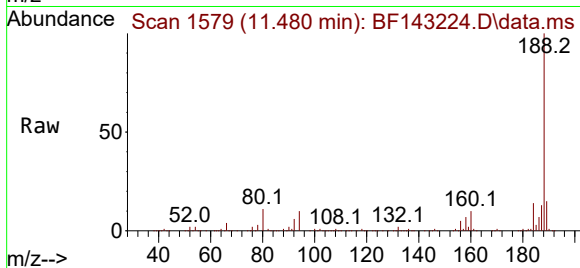
Tgt Ion:188 Resp: 409139

Ion Ratio Lower Upper

188 100

94 10.1 8.3 12.5

80 10.9 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.115 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF143224.D

Acq: 24 Jul 2025 10:29

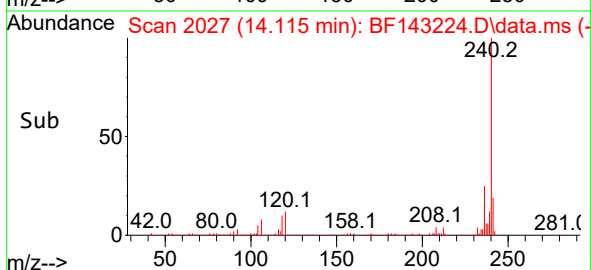
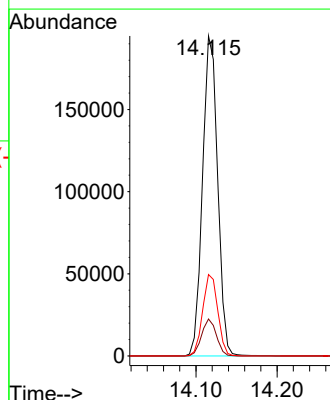
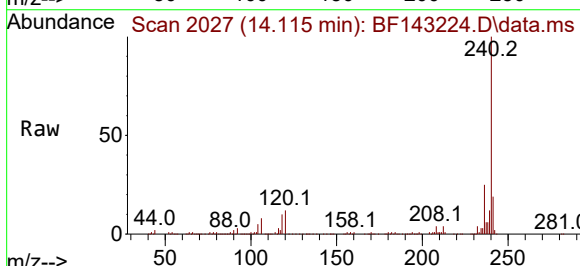
Tgt Ion:240 Resp: 251281

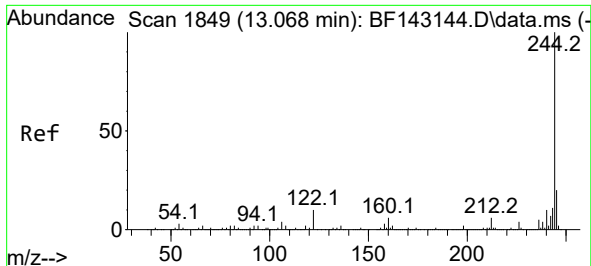
Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.2

236 25.5 20.2 30.4

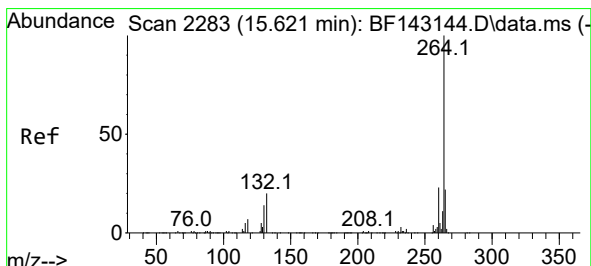
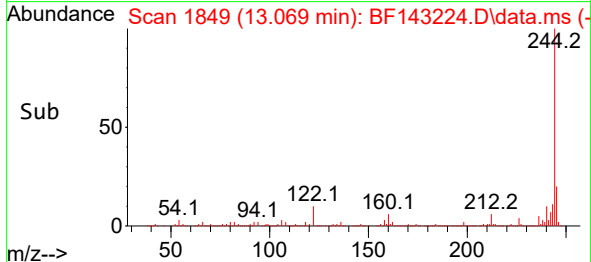
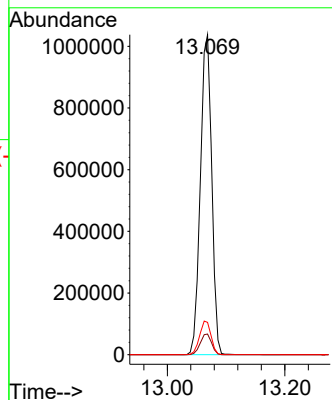
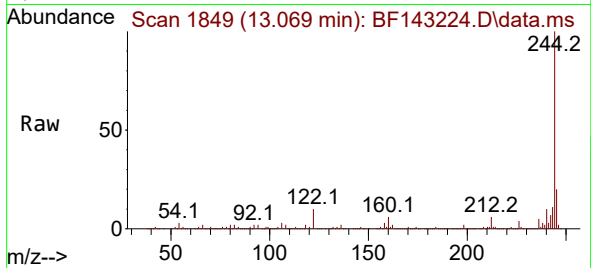




#79
 Terphenyl-d14
 Concen: 82.262 ng
 RT: 13.069 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF143224.D
 Acq: 24 Jul 2025 10:29

Instrument :
 BNA_F
 ClientSampleId :
 PB168981BL

Tgt Ion:244 Resp: 1389076
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.2 7.8
 122 10.1 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: BF143224.D
 Acq: 24 Jul 2025 10:29

Tgt Ion:264 Resp: 267277
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.5 27.7
 265 20.9 17.4 26.2

