

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072125\
 Data File : BF143171.D
 Acq On : 21 Jul 2025 15:00
 Operator : RC/JU
 Sample : Q2651-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH 2-1

Quant Time: Jul 21 15:37:40 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	127351	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	470127	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	227330	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	319814	20.000	ng	0.00
76) Chrysene-d12	14.116	240	263132	20.000	ng	0.00
86) Perylene-d12	15.621	264	208785	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	496893	61.744	ng	0.00
7) Phenol-d6	6.575	99	627404	61.939	ng	-0.01
23) Nitrobenzene-d5	7.516	82	386546	40.985	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	133163	56.703	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	741303	44.597	ng	0.00
79) Terphenyl-d14	13.063	244	565237	31.966	ng	0.00

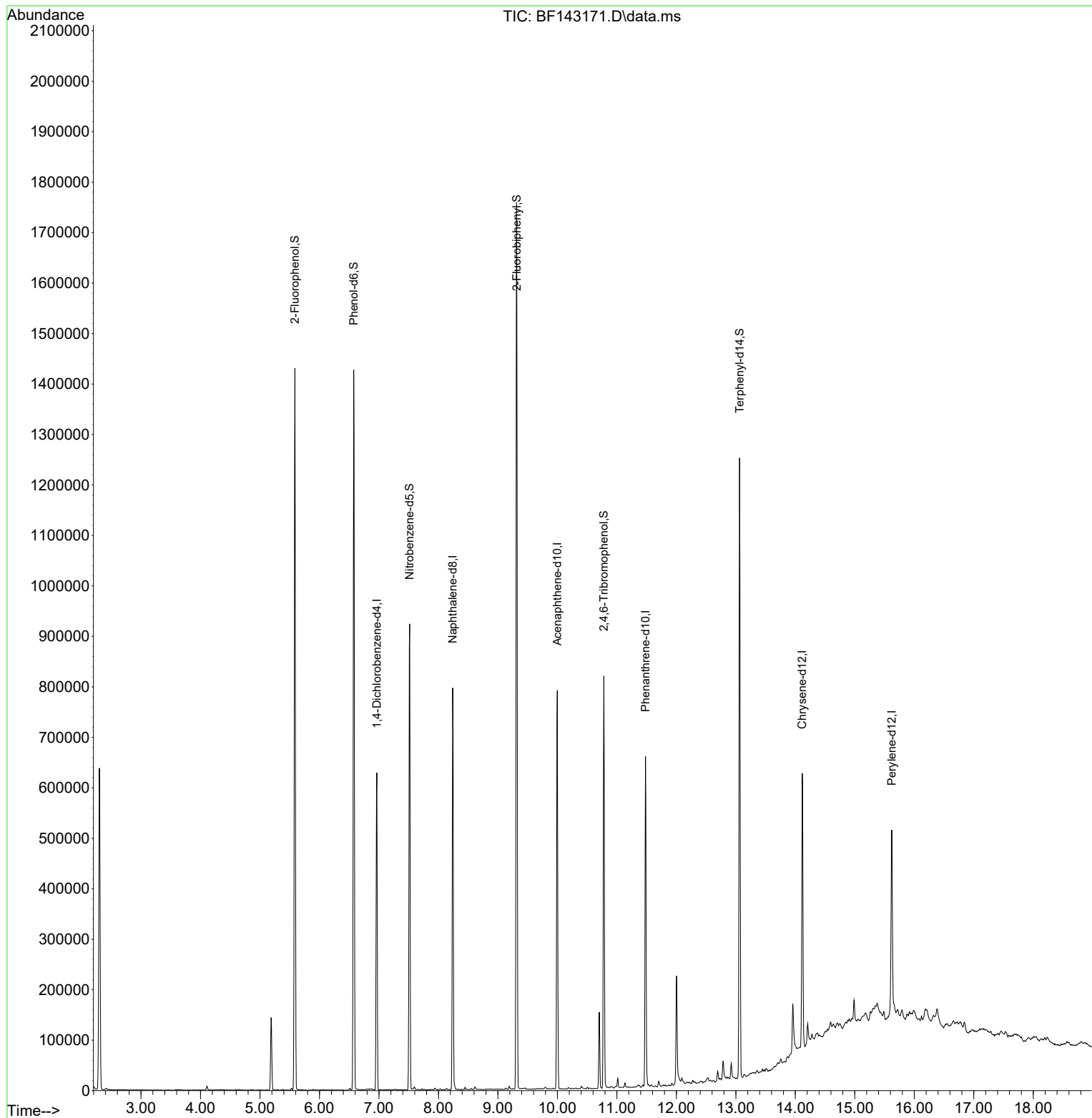
Target Compounds	Qvalue

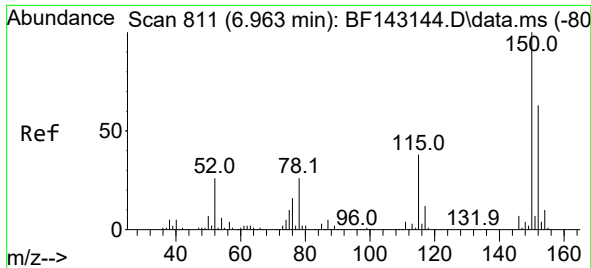
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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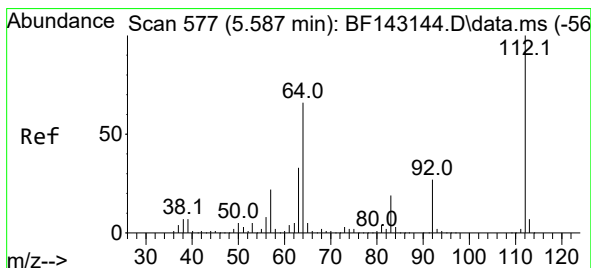
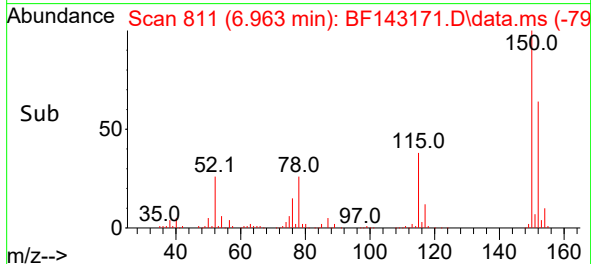
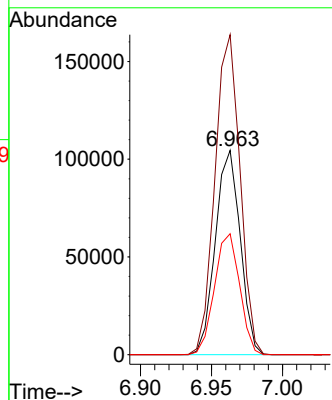
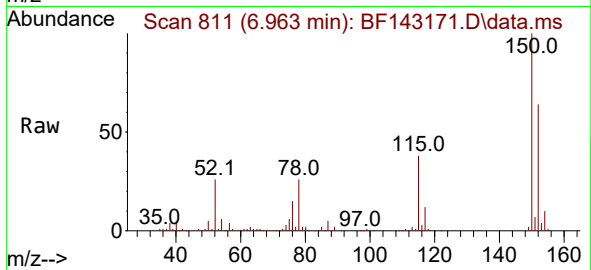




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143171.D
Acq: 21 Jul 2025 15:00

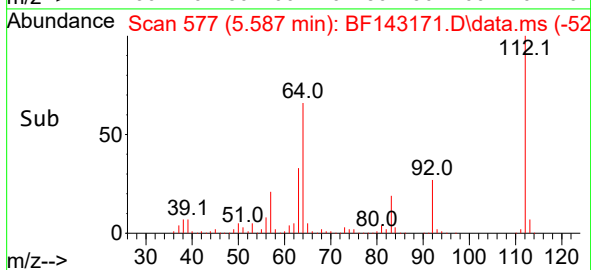
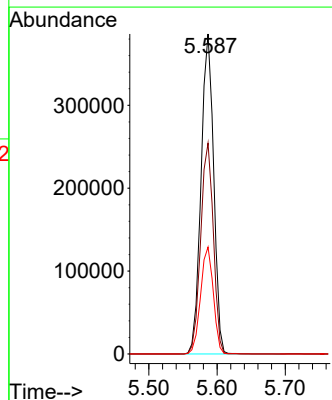
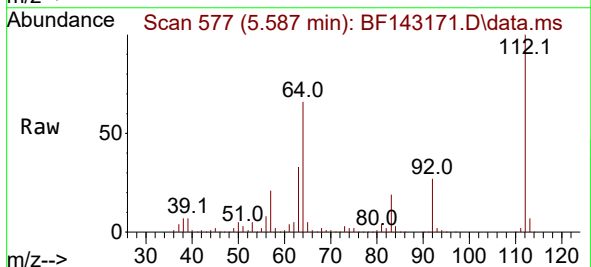
Instrument :
BNA_F
ClientSampleId :
MH 2-1

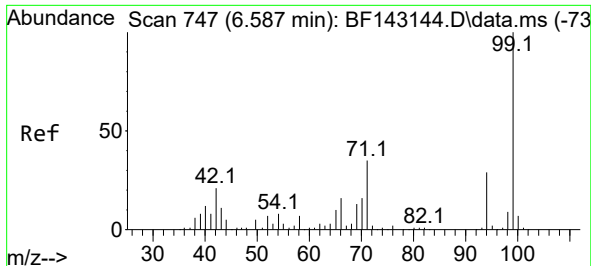
Tgt Ion:152 Resp: 127351
Ion Ratio Lower Upper
152 100
150 156.6 128.2 192.4
115 59.2 47.9 71.9



#5
2-Fluorophenol
Concen: 61.744 ng
RT: 5.587 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF143171.D
Acq: 21 Jul 2025 15:00

Tgt Ion:112 Resp: 496893
Ion Ratio Lower Upper
112 100
64 65.9 53.1 79.7
63 33.4 26.6 40.0

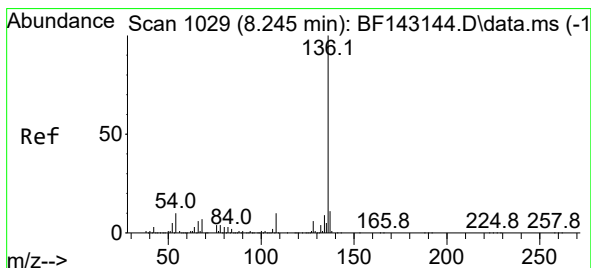
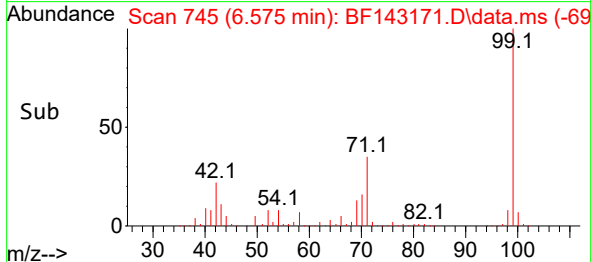
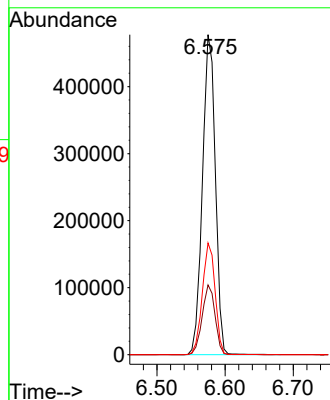
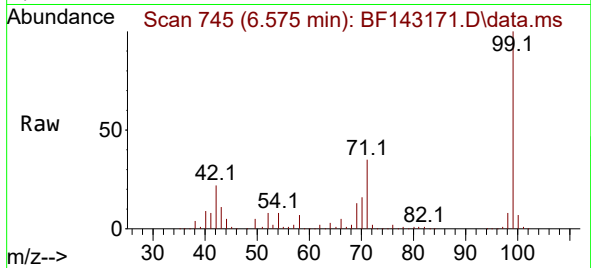




#7
Phenol-d6
Concen: 61.939 ng
RT: 6.575 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF143171.D
Acq: 21 Jul 2025 15:00

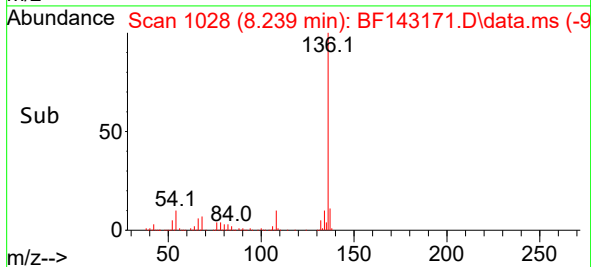
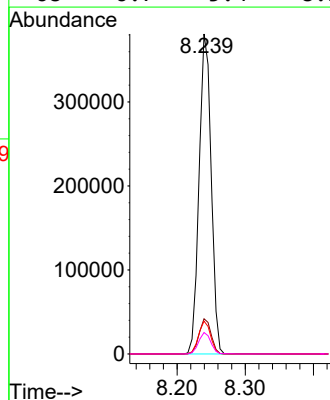
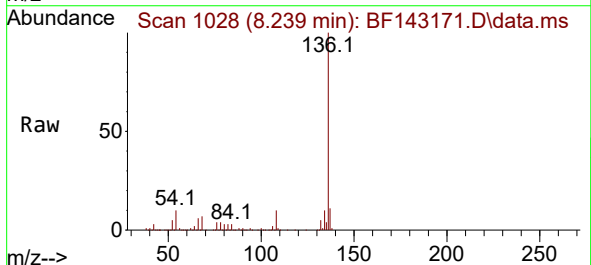
Instrument :
BNA_F
ClientSampleId :
MH 2-1

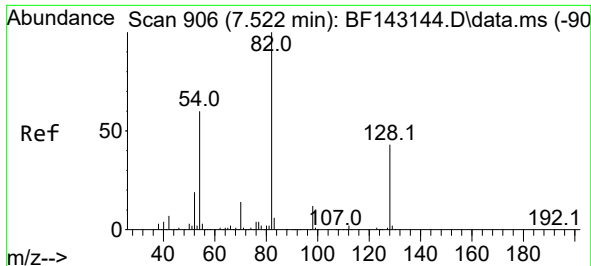
Tgt Ion: 99 Resp: 627404
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 34.9 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143171.D
Acq: 21 Jul 2025 15:00

Tgt Ion: 136 Resp: 470127
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.3 8.2 12.2
68 6.7 5.4 8.2





#23

Nitrobenzene-d5

Concen: 40.985 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143171.D

Acq: 21 Jul 2025 15:00

Instrument :

BNA_F

ClientSampleId :

MH 2-1

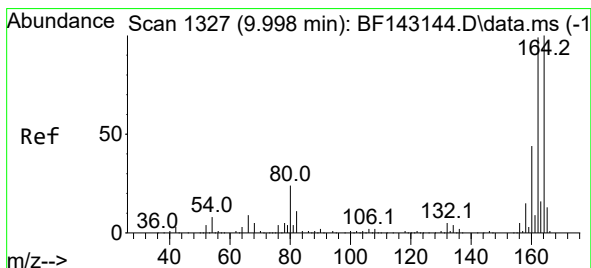
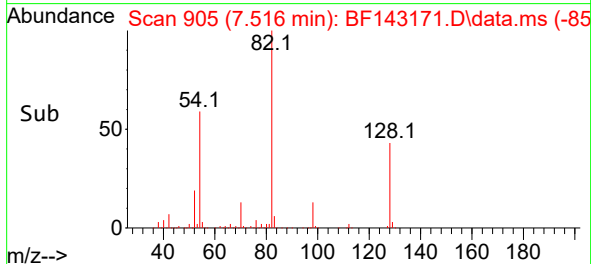
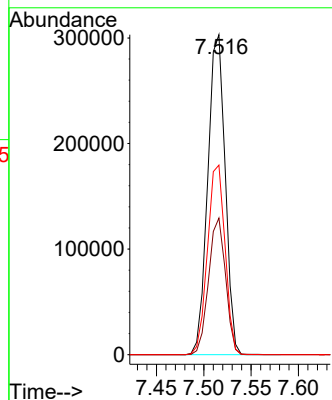
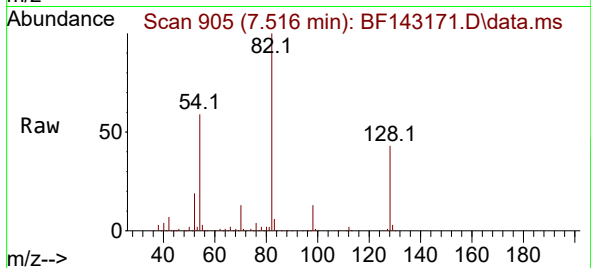
Tgt Ion: 82 Resp: 386546

Ion Ratio Lower Upper

82 100

128 42.7 33.6 50.4

54 59.3 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: BF143171.D

Acq: 21 Jul 2025 15:00

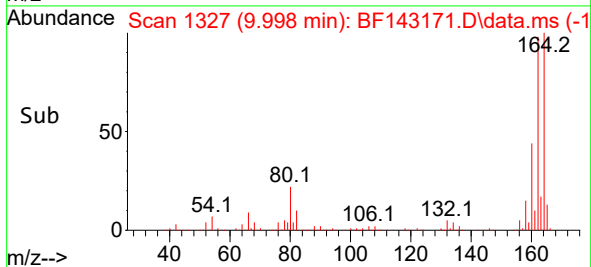
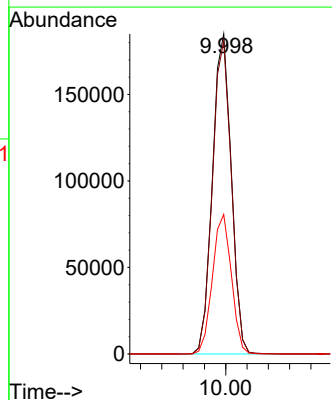
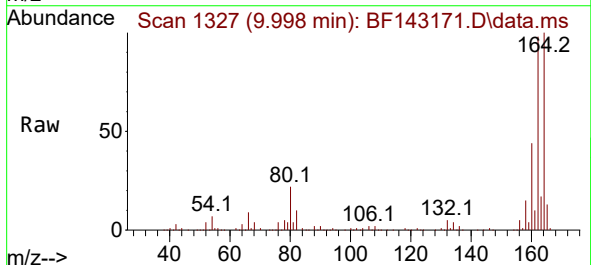
Tgt Ion: 164 Resp: 227330

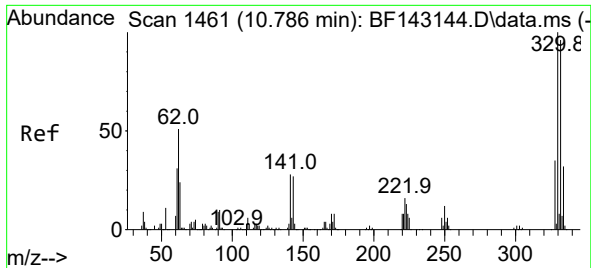
Ion Ratio Lower Upper

164 100

162 97.8 79.0 118.6

160 43.6 35.1 52.7

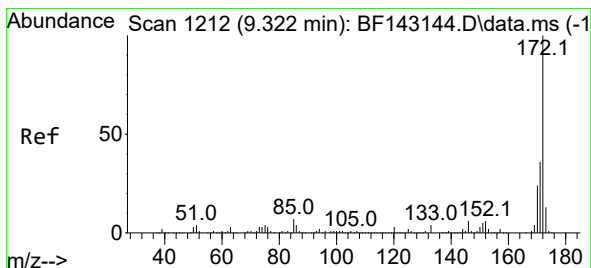
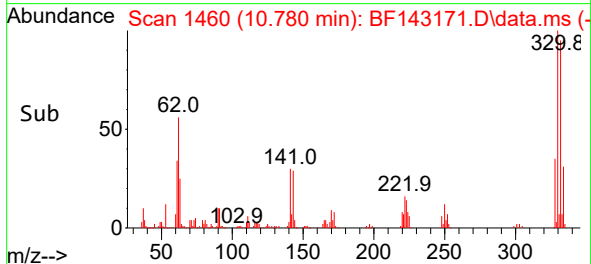
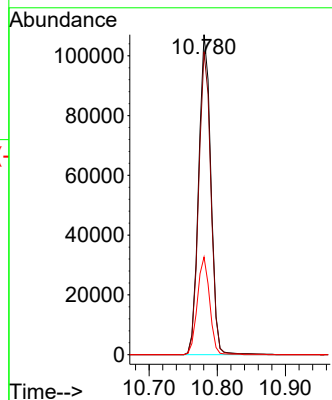
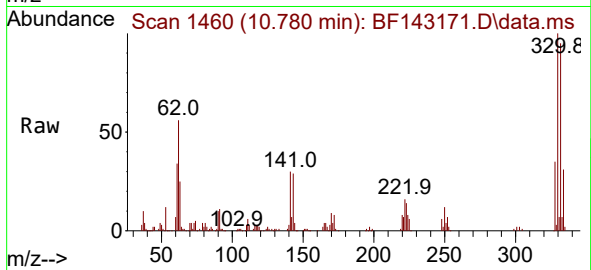




#42
2,4,6-Tribromophenol
Concen: 56.703 ng
RT: 10.780 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF143171.D
Acq: 21 Jul 2025 15:00

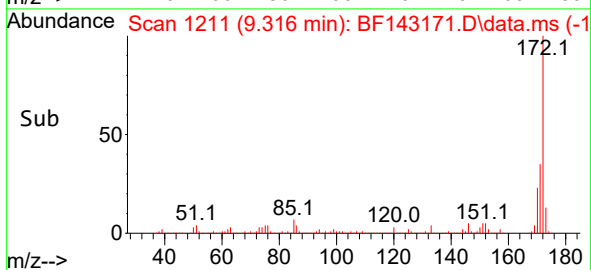
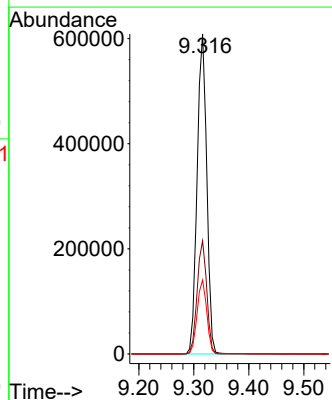
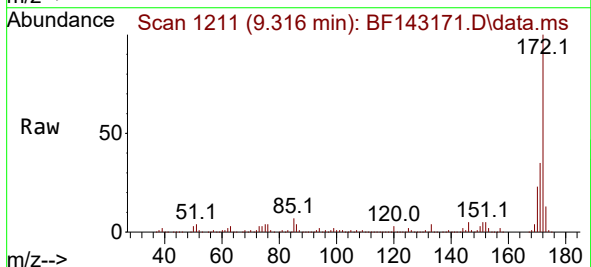
Instrument :
BNA_F
ClientSampleId :
MH 2-1

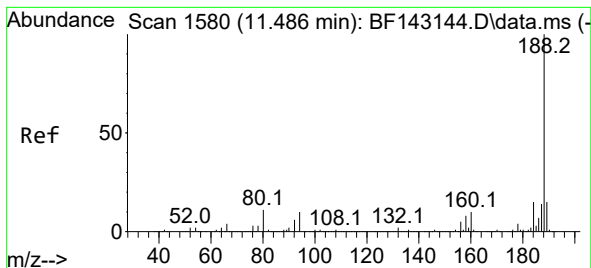
Tgt Ion:330 Resp: 133163
Ion Ratio Lower Upper
330 100
332 94.5 76.7 115.1
141 30.5 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 44.597 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143171.D
Acq: 21 Jul 2025 15:00

Tgt Ion:172 Resp: 741303
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.1 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: BF143171.D

Acq: 21 Jul 2025 15:00

Instrument :

BNA_F

ClientSampleId :

MH 2-1

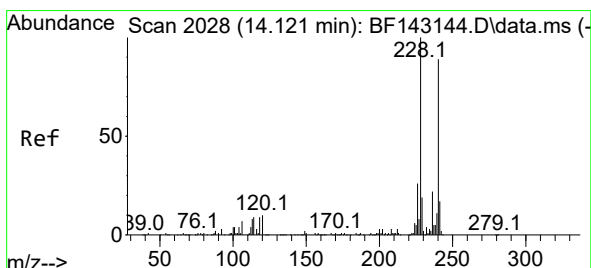
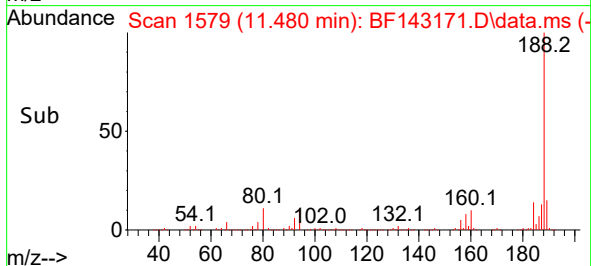
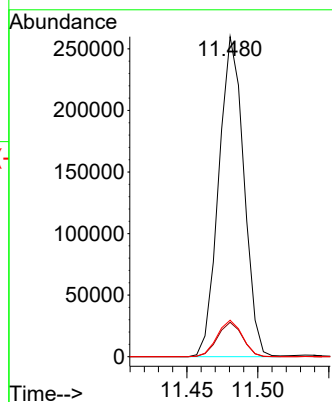
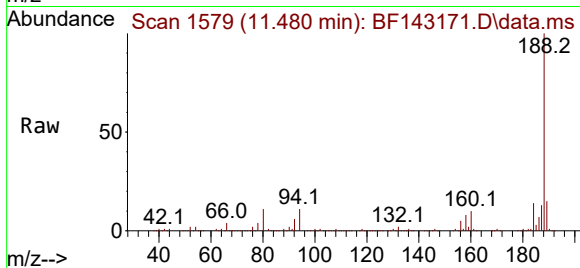
Tgt Ion:188 Resp: 319814

Ion Ratio Lower Upper

188 100

94 10.7 8.3 12.5

80 11.4 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.116 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF143171.D

Acq: 21 Jul 2025 15:00

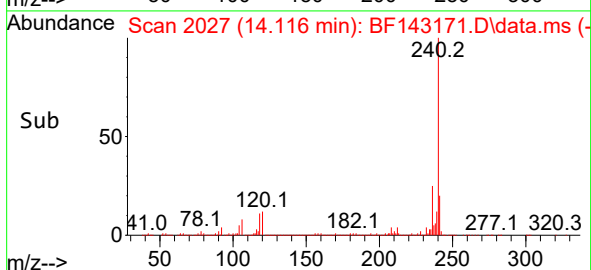
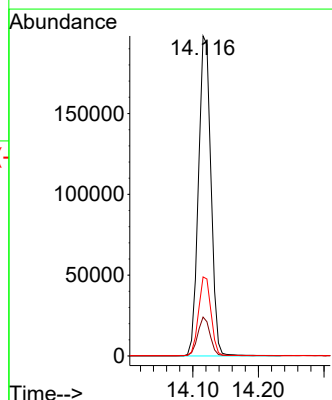
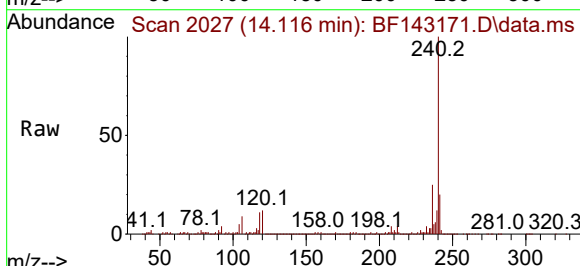
Tgt Ion:240 Resp: 263132

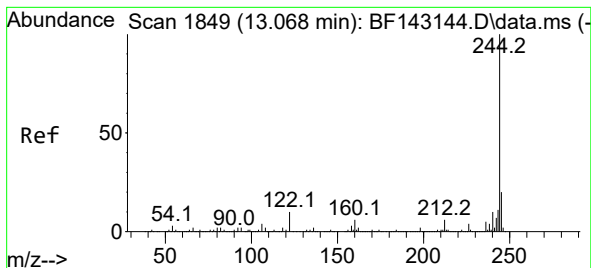
Ion Ratio Lower Upper

240 100

120 12.1 9.4 14.2

236 24.7 20.2 30.4





#79

Terphenyl-d14

Concen: 31.966 ng

RT: 13.063 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BF143171.D

Acq: 21 Jul 2025 15:00

Instrument :

BNA_F

ClientSampleId :

MH 2-1

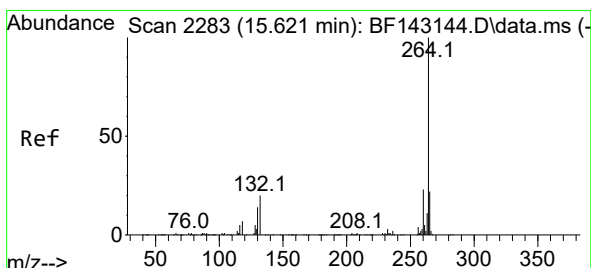
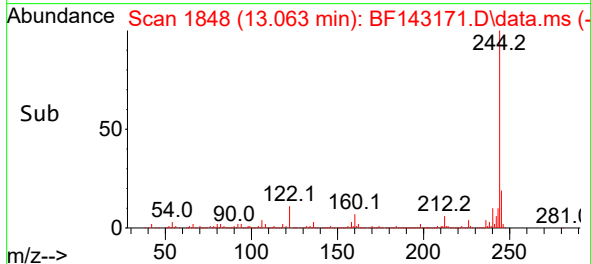
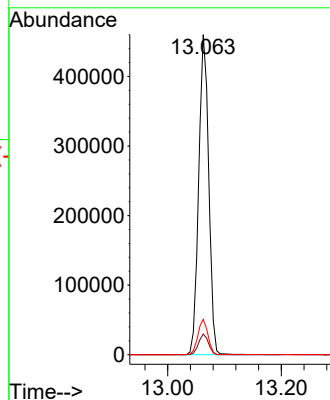
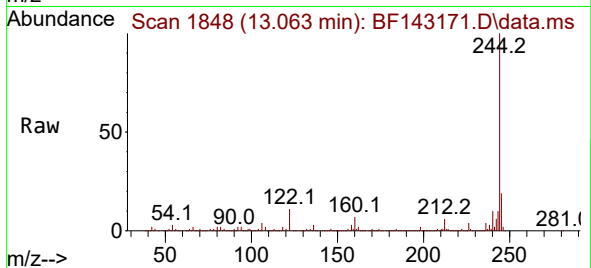
Tgt Ion:244 Resp: 565237

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

122 11.0 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: BF143171.D

Acq: 21 Jul 2025 15:00

Tgt Ion:264 Resp: 208785

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 21.6 17.4 26.2

