

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
 Data File : BF143317.D
 Acq On : 05 Aug 2025 15:55
 Operator : RC/JU
 Sample : Q2760-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-08042025

Quant Time: Aug 05 16:19:02 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	105969	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	385146	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	161941	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	239590	20.000	ng	0.00
76) Chrysene-d12	14.133	240	191870	20.000	ng	0.01
86) Perylene-d12	15.645	264	134215	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	248005	37.035	ng	0.01
7) Phenol-d6	6.593	99	319233	37.874	ng	0.00
23) Nitrobenzene-d5	7.516	82	187946	24.325	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	53211	31.807	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	345745	29.199	ng	0.00
79) Terphenyl-d14	13.069	244	312158	24.210	ng	0.00

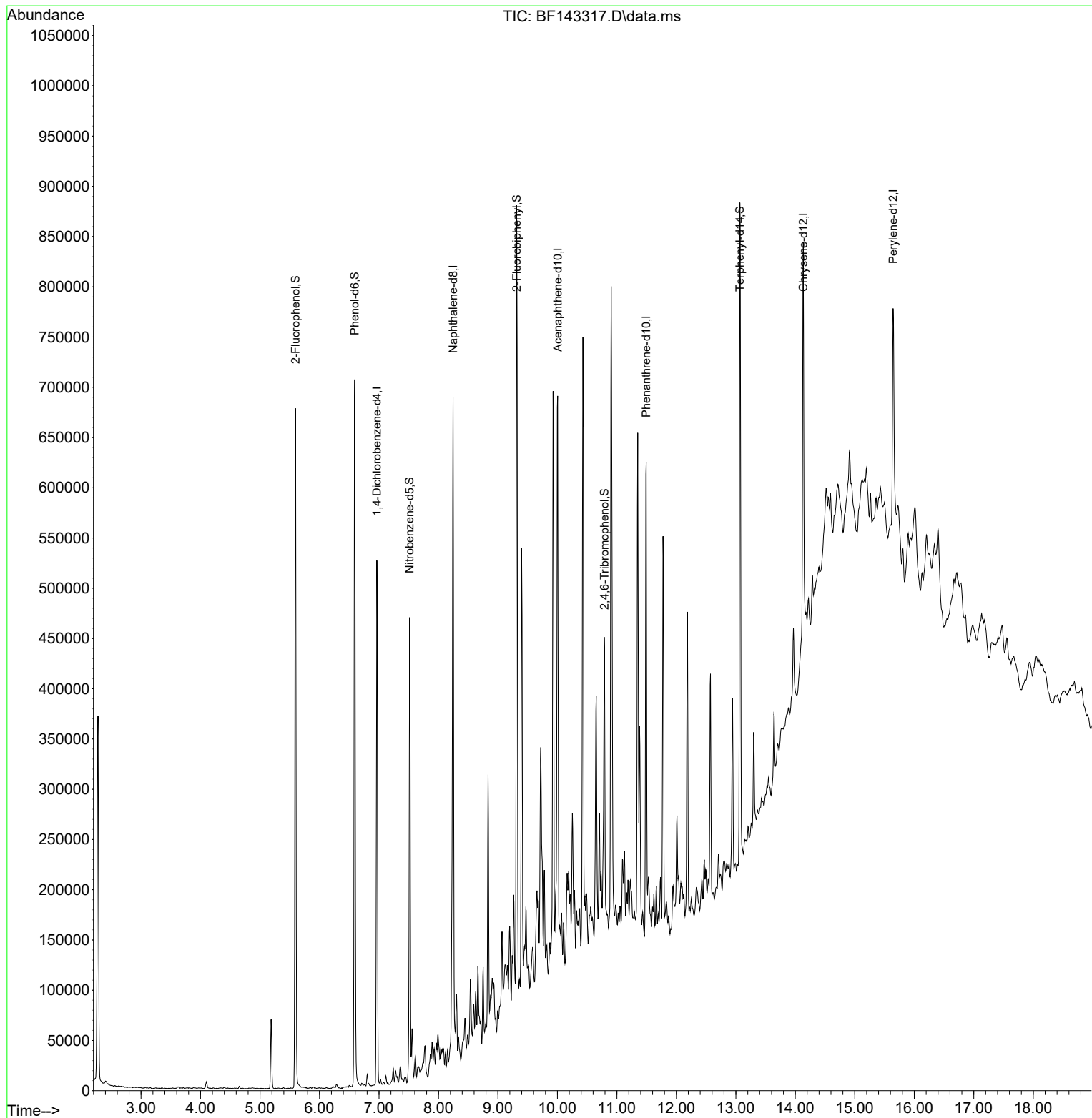
Target Compounds	Qvalue

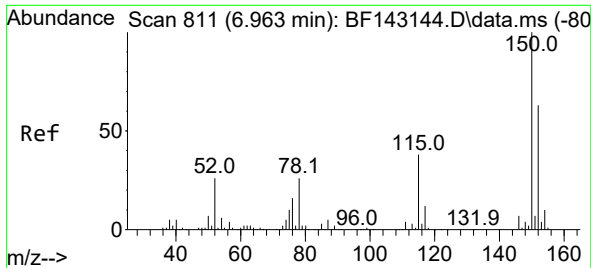
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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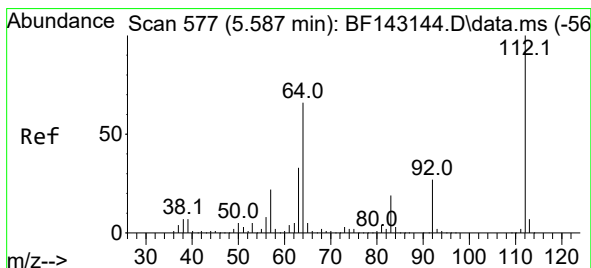
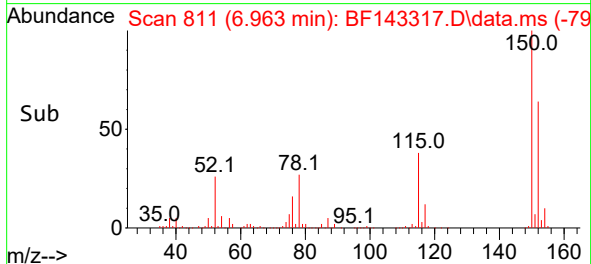
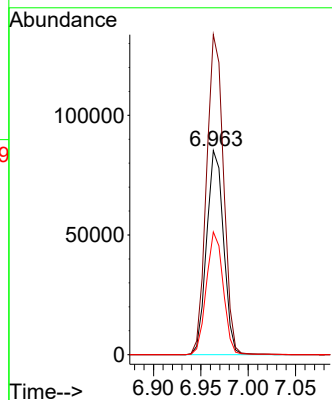
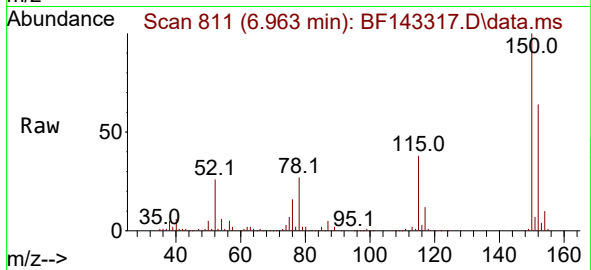




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143317.D
Acq: 05 Aug 2025 15:55

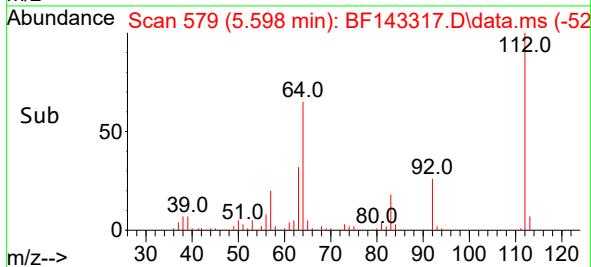
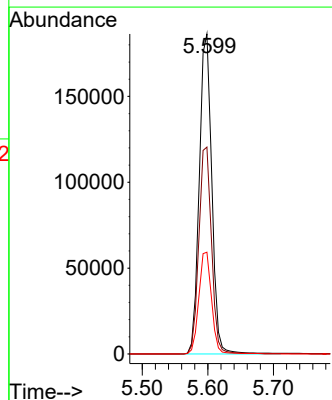
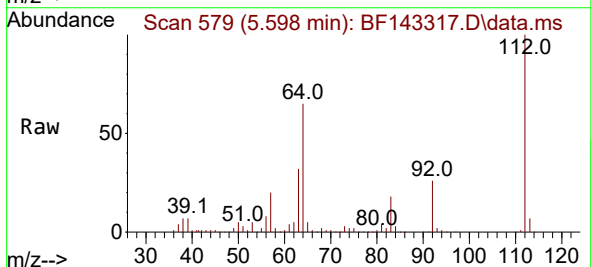
Instrument :
BNA_F
ClientSampleId :
NB-07-08042025

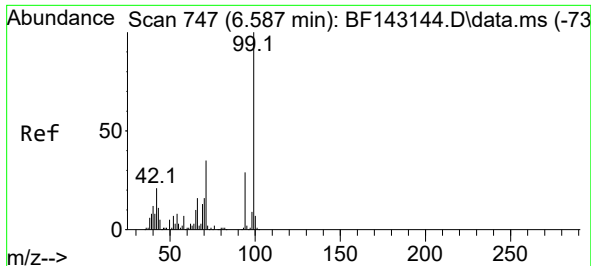
Tgt Ion:152 Resp: 105969
Ion Ratio Lower Upper
152 100
150 156.7 128.2 192.4
115 60.1 47.9 71.9



#5
2-Fluorophenol
Concen: 37.035 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143317.D
Acq: 05 Aug 2025 15:55

Tgt Ion:112 Resp: 248005
Ion Ratio Lower Upper
112 100
64 64.7 53.1 79.7
63 31.8 26.6 40.0

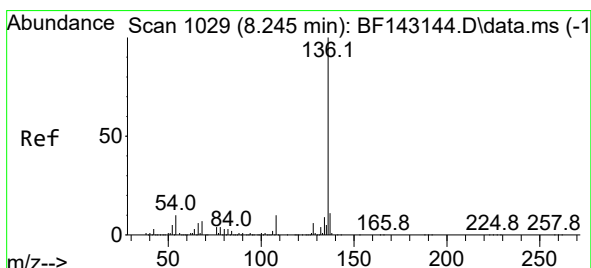
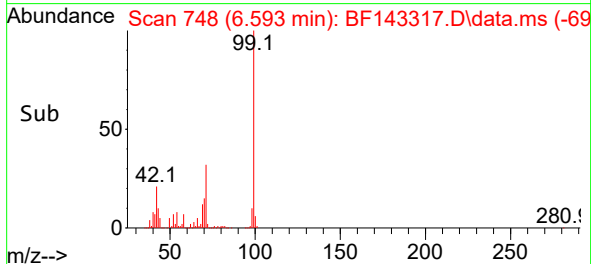
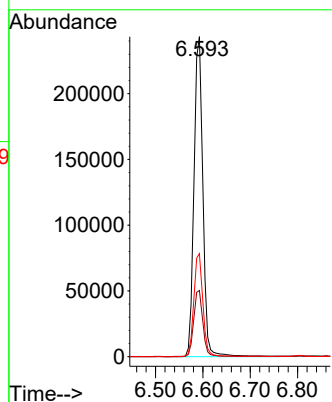
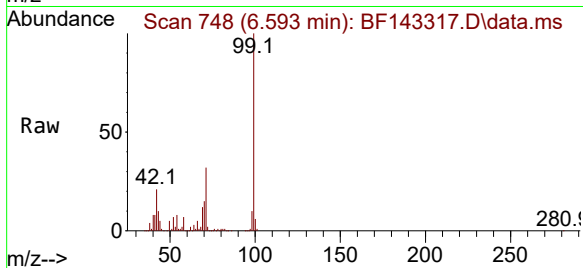




#7
Phenol-d6
Concen: 37.874 ng
RT: 6.593 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF143317.D
Acq: 05 Aug 2025 15:55

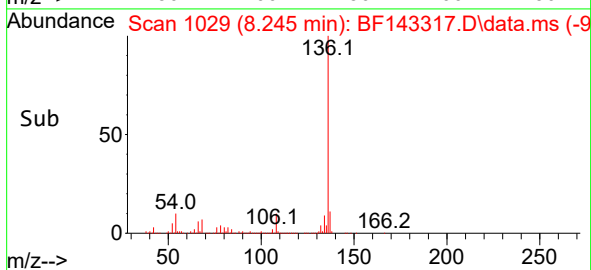
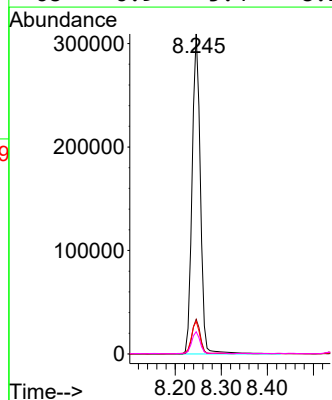
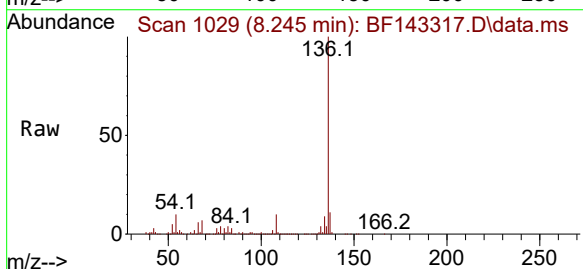
Instrument :
BNA_F
ClientSampleId :
NB-07-08042025

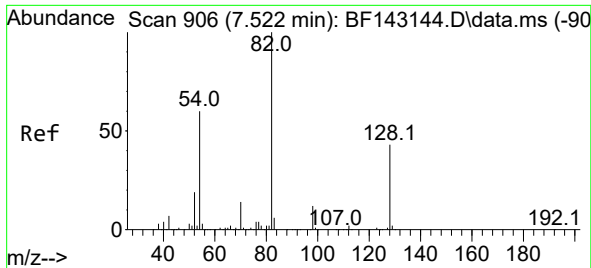
Tgt Ion: 99 Resp: 319233
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 32.2 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143317.D
Acq: 05 Aug 2025 15:55

Tgt Ion: 136 Resp: 385146
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.1 8.2 12.2
68 6.9 5.4 8.2





#23

Nitrobenzene-d5

Concen: 24.325 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143317.D

Acq: 05 Aug 2025 15:55

Instrument :

BNA_F

ClientSampleId :

NB-07-08042025

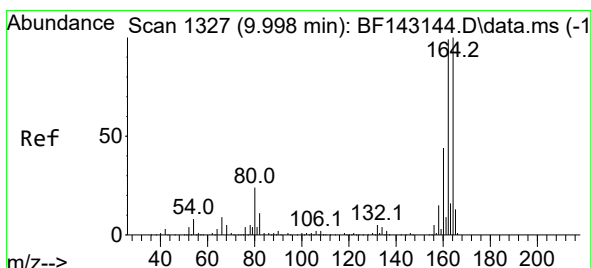
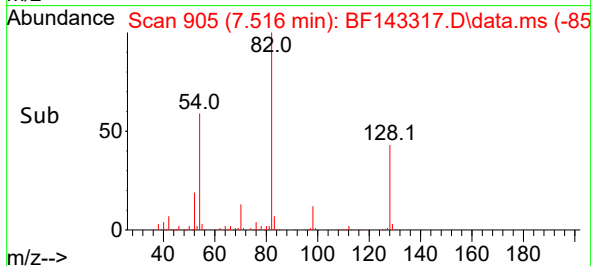
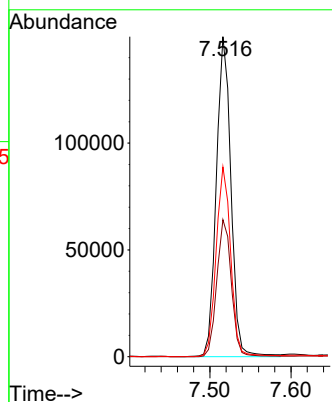
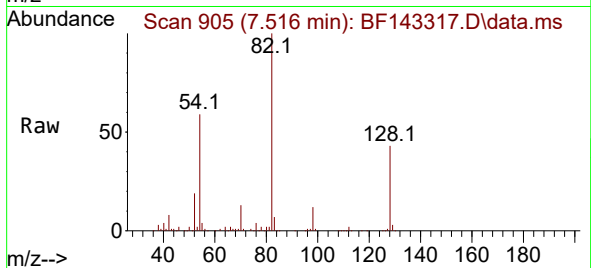
Tgt Ion: 82 Resp: 187946

Ion Ratio Lower Upper

82 100

128 42.8 33.6 50.4

54 59.3 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1328

Delta R.T. 0.006 min

Lab File: BF143317.D

Acq: 05 Aug 2025 15:55

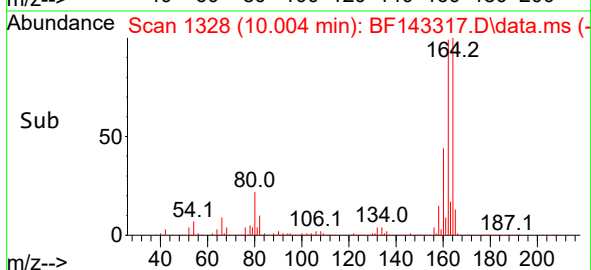
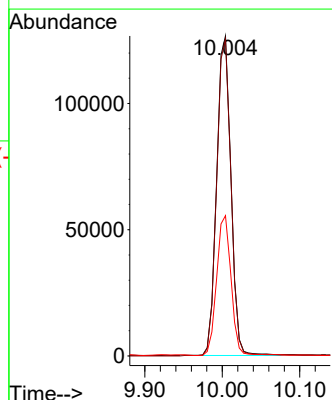
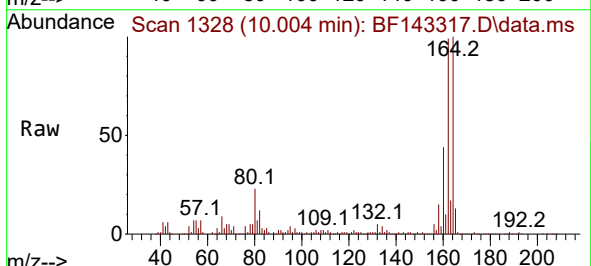
Tgt Ion: 164 Resp: 161941

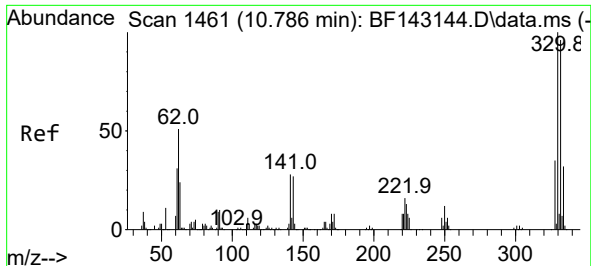
Ion Ratio Lower Upper

164 100

162 99.0 79.0 118.6

160 43.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 31.807 ng

RT: 10.792 min Scan# 1462

Delta R.T. 0.006 min

Lab File: BF143317.D

Acq: 05 Aug 2025 15:55

Instrument :

BNA_F

ClientSampleId :

NB-07-08042025

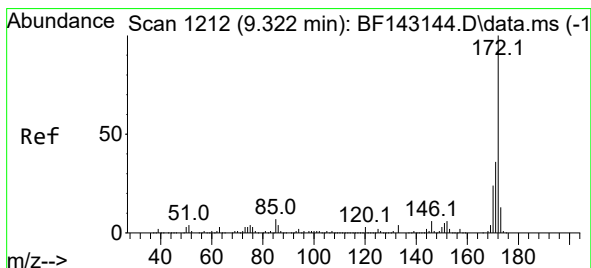
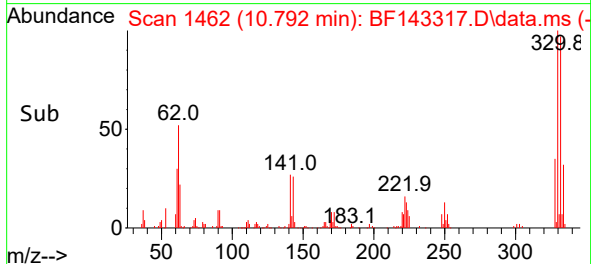
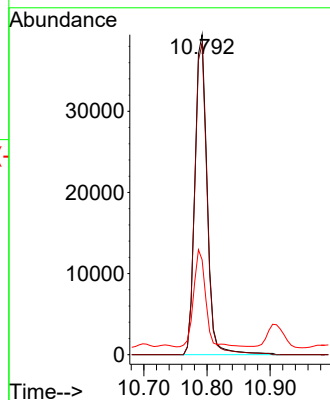
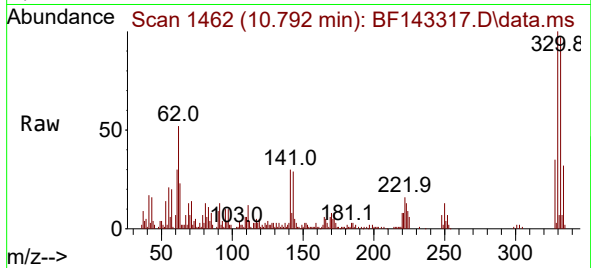
Tgt Ion:330 Resp: 53211

Ion Ratio Lower Upper

330 100

332 97.1 76.7 115.1

141 29.8 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 29.199 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143317.D

Acq: 05 Aug 2025 15:55

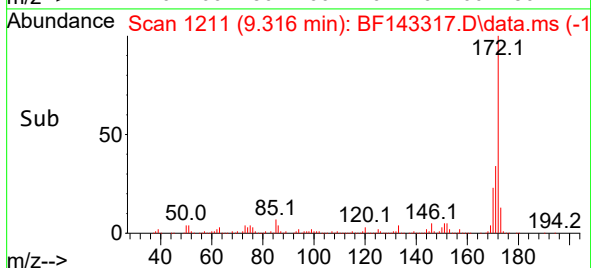
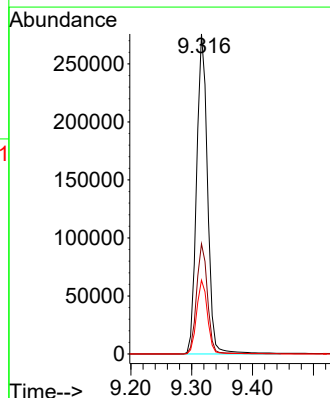
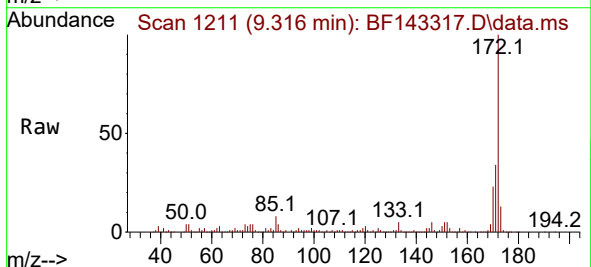
Tgt Ion:172 Resp: 345745

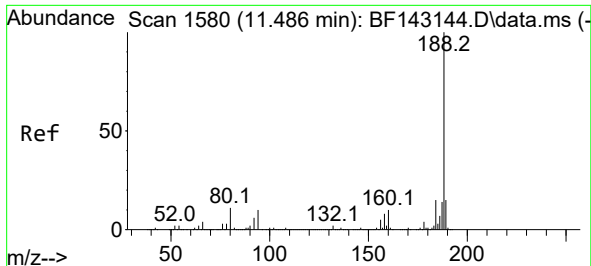
Ion Ratio Lower Upper

172 100

171 34.4 28.6 42.8

170 23.0 18.8 28.2

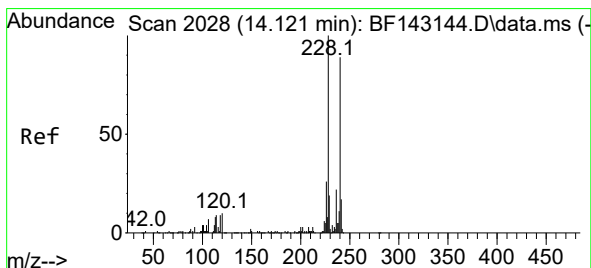
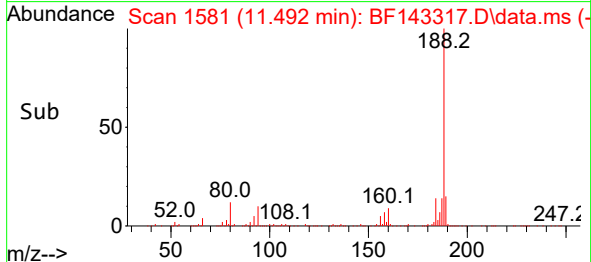
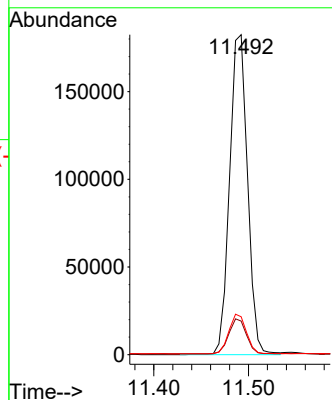
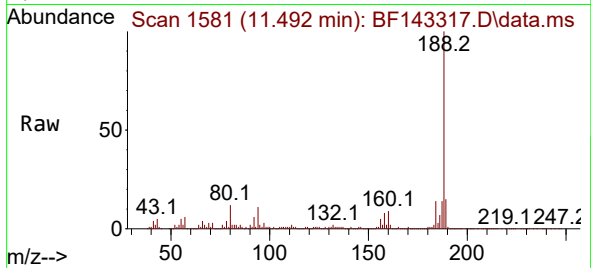




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143317.D
Acq: 05 Aug 2025 15:55

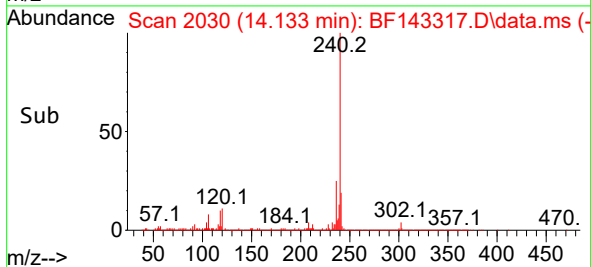
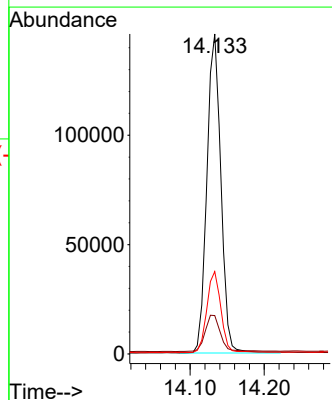
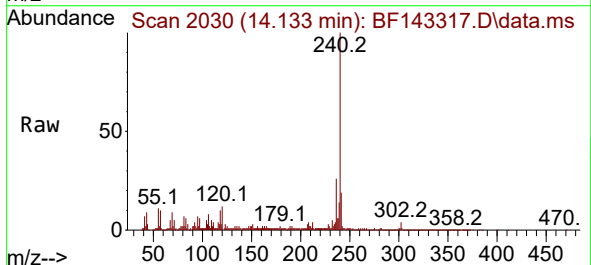
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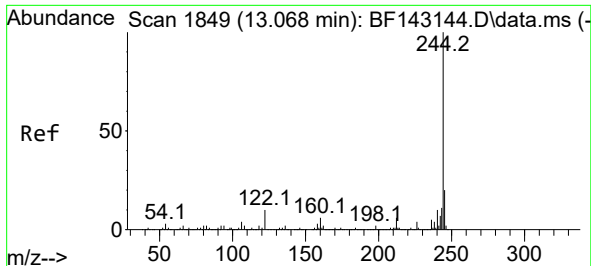
Tgt Ion:188 Resp: 239590
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.9 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2030
Delta R.T. 0.012 min
Lab File: BF143317.D
Acq: 05 Aug 2025 15:55

Tgt Ion:240 Resp: 191870
Ion Ratio Lower Upper
240 100
120 12.0 9.4 14.2
236 25.8 20.2 30.4

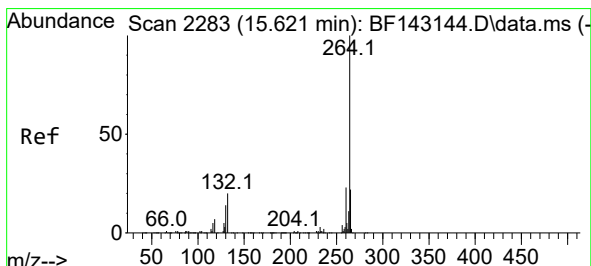
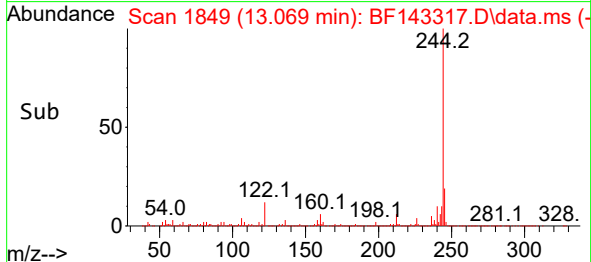
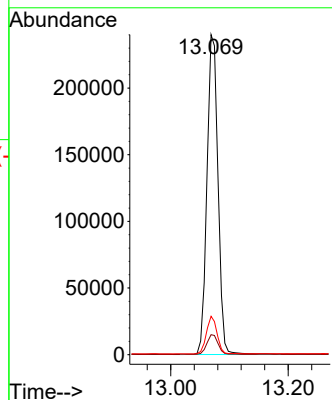
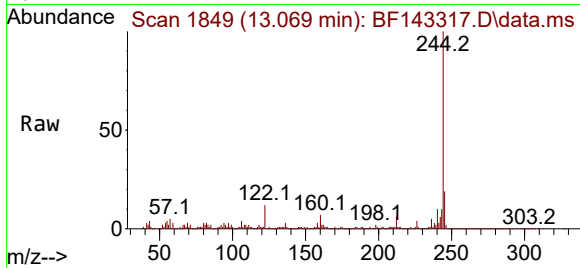




#79
 Terphenyl-d14
 Concen: 24.210 ng
 RT: 13.069 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF143317.D
 Acq: 05 Aug 2025 15:55

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-08042025

Tgt Ion:244 Resp: 312158
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.2 7.8
 122 12.0 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.645 min Scan# 2287
 Delta R.T. 0.024 min
 Lab File: BF143317.D
 Acq: 05 Aug 2025 15:55

Tgt Ion:264 Resp: 134215
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.5 27.7
 265 22.6 17.4 26.2

