

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
 Data File : BF143217.D
 Acq On : 23 Jul 2025 17:57
 Operator : RC/JU
 Sample : Q2649-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Jul 24 01:18:23 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	129322	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	495320	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	265680	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	446309	20.000	ng	0.00
76) Chrysene-d12	14.121	240	268162	20.000	ng	0.00
86) Perylene-d12	15.621	264	271898	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	799528	97.835	ng	0.01
7) Phenol-d6	6.587	99	1149093	111.712	ng	0.00
23) Nitrobenzene-d5	7.516	82	642250	64.633	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	319509	116.413	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1123948	57.857	ng	0.00
79) Terphenyl-d14	13.068	244	1309095	72.645	ng	0.00

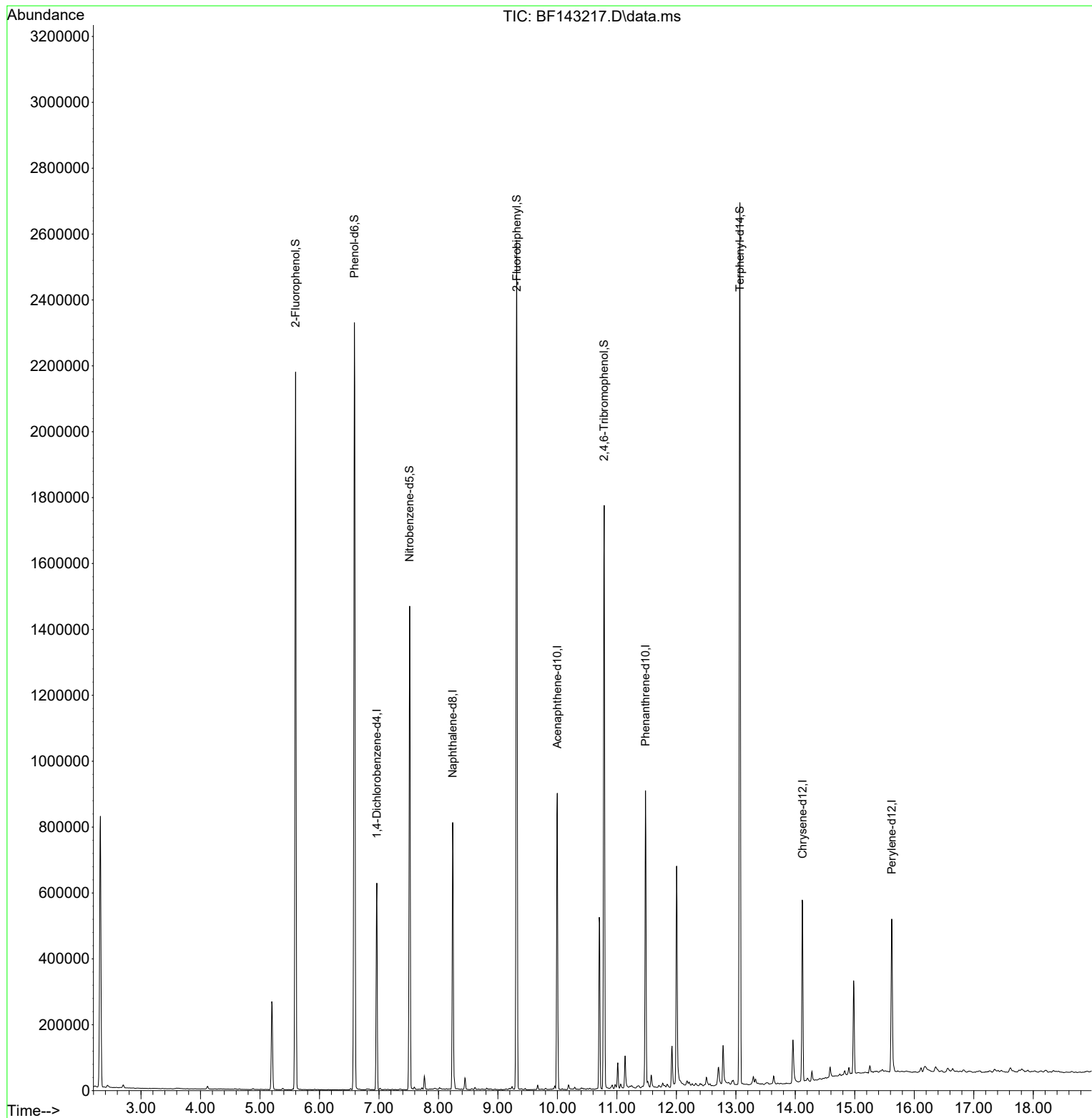
Target Compounds	Qvalue

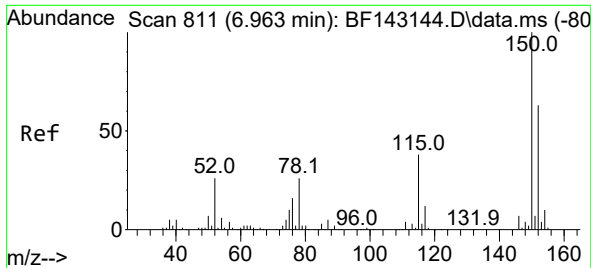
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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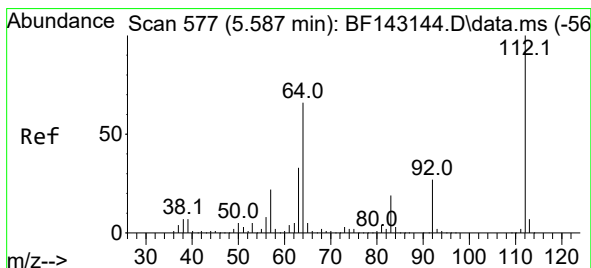
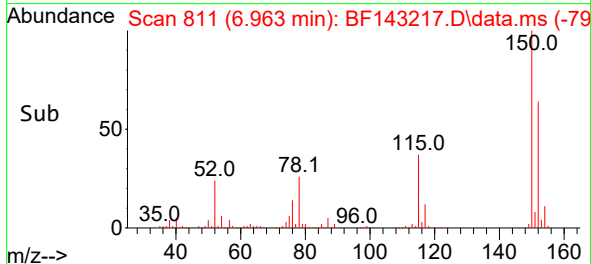
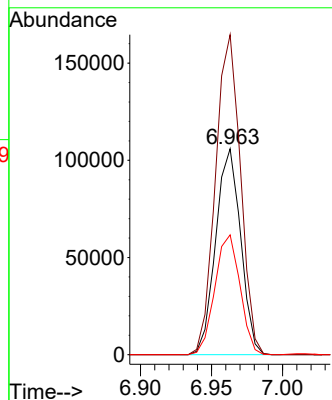
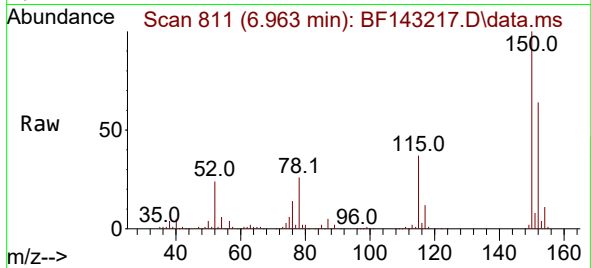




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143217.D
Acq: 23 Jul 2025 17:57

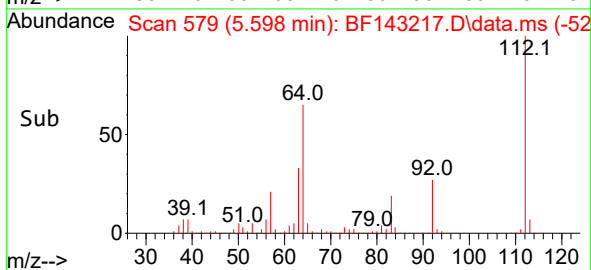
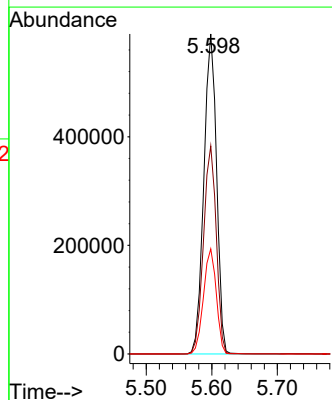
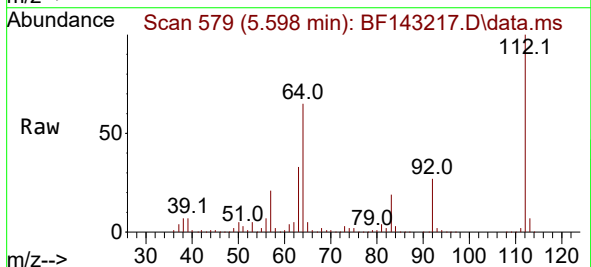
Instrument :
BNA_F
ClientSampleId :
WC-2

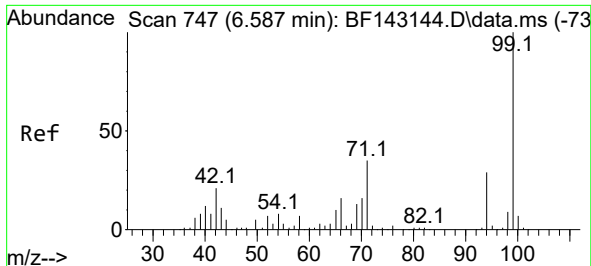
Tgt Ion:152 Resp: 129322
Ion Ratio Lower Upper
152 100
150 155.4 128.2 192.4
115 58.2 47.9 71.9



#5
2-Fluorophenol
Concen: 97.835 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143217.D
Acq: 23 Jul 2025 17:57

Tgt Ion:112 Resp: 799528
Ion Ratio Lower Upper
112 100
64 65.0 53.1 79.7
63 32.9 26.6 40.0

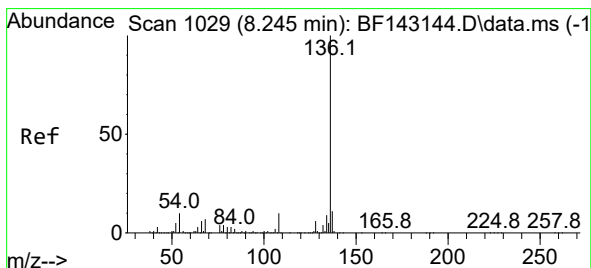
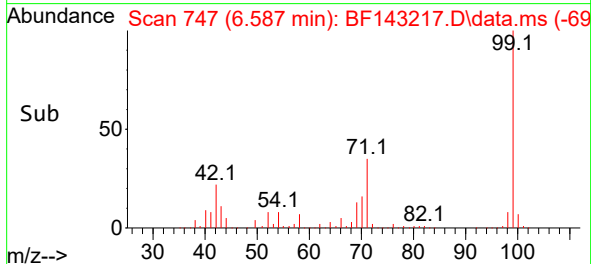
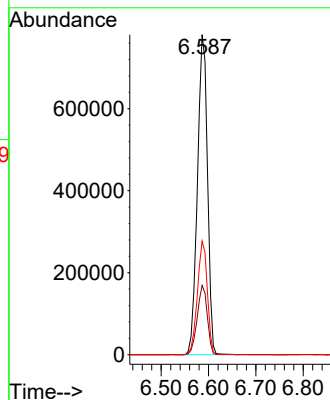
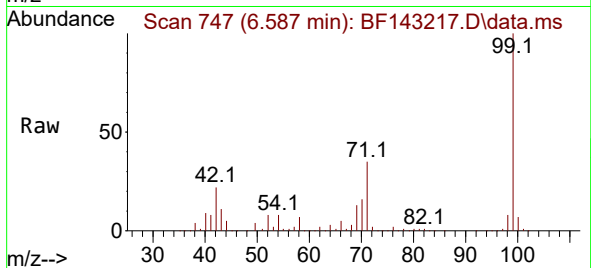




#7
Phenol-d6
Concen: 111.712 ng
RT: 6.587 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF143217.D
Acq: 23 Jul 2025 17:57

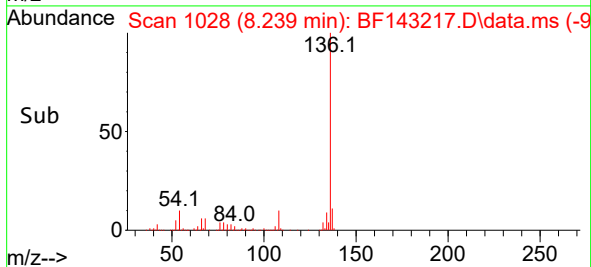
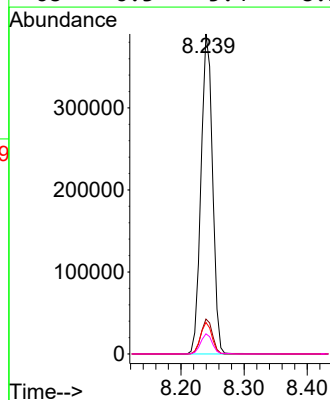
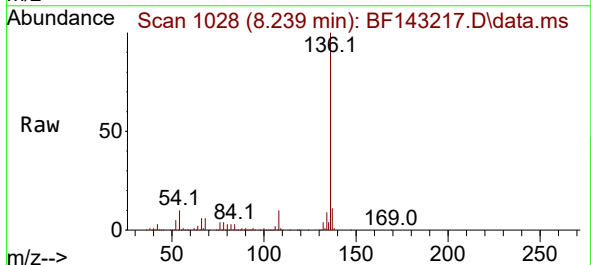
Instrument :
BNA_F
ClientSampleId :
WC-2

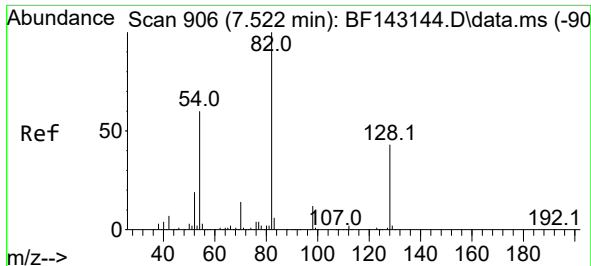
Tgt Ion: 99 Resp: 1149093
Ion Ratio Lower Upper
99 100
42 21.7 17.0 25.6
71 35.5 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143217.D
Acq: 23 Jul 2025 17:57

Tgt Ion:136 Resp: 495320
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.9 8.2 12.2
68 6.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 64.633 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143217.D

Acq: 23 Jul 2025 17:57

Instrument :

BNA_F

ClientSampleId :

WC-2

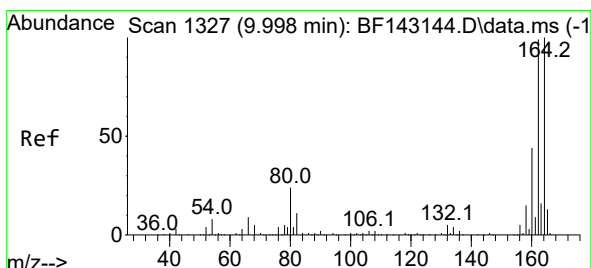
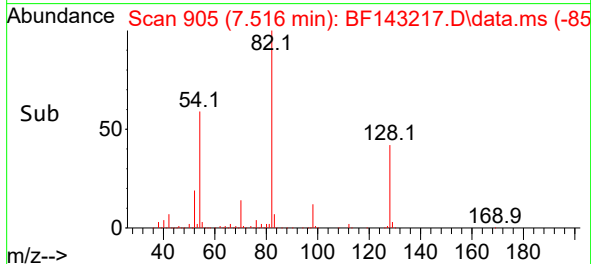
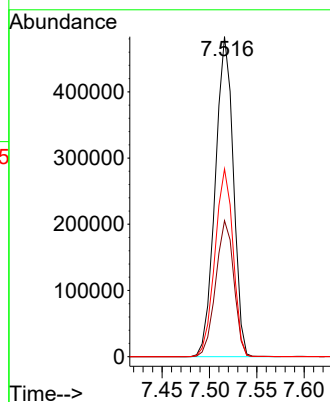
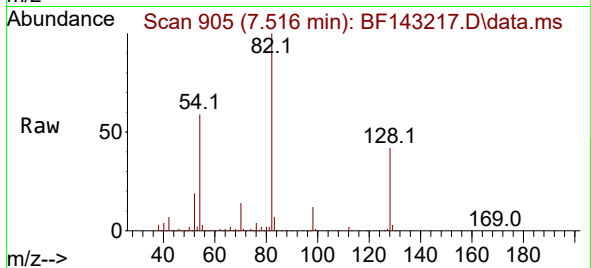
Tgt Ion: 82 Resp: 642250

Ion Ratio Lower Upper

82 100

128 42.5 33.6 50.4

54 58.7 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: BF143217.D

Acq: 23 Jul 2025 17:57

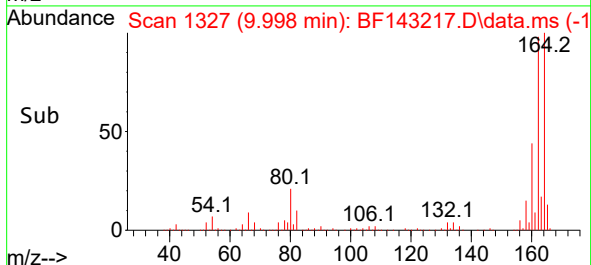
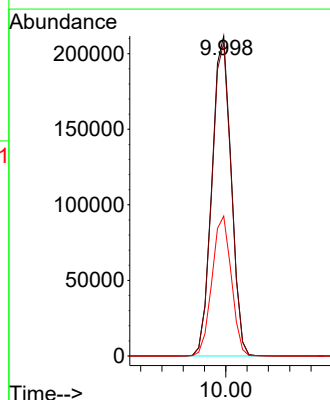
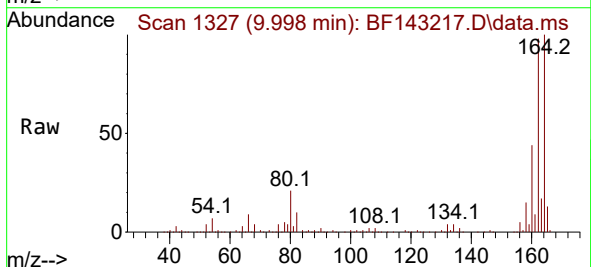
Tgt Ion: 164 Resp: 265680

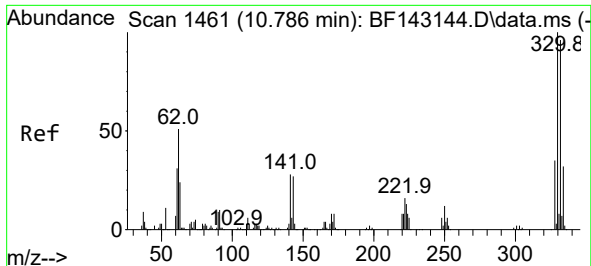
Ion Ratio Lower Upper

164 100

162 97.9 79.0 118.6

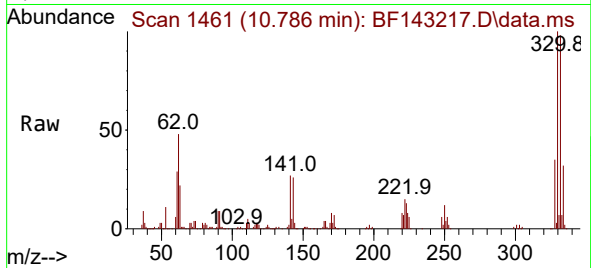
160 43.7 35.1 52.7



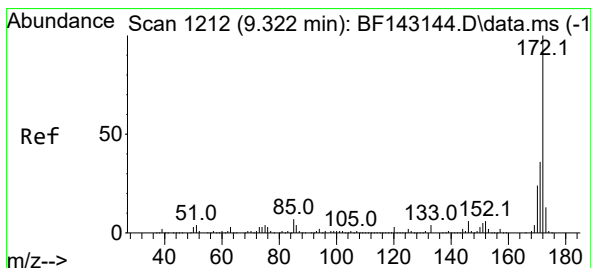
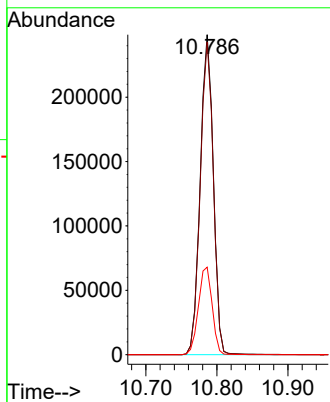
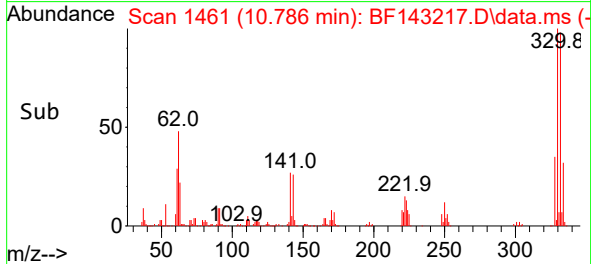


#42
2,4,6-Tribromophenol
Concen: 116.413 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143217.D
Acq: 23 Jul 2025 17:57

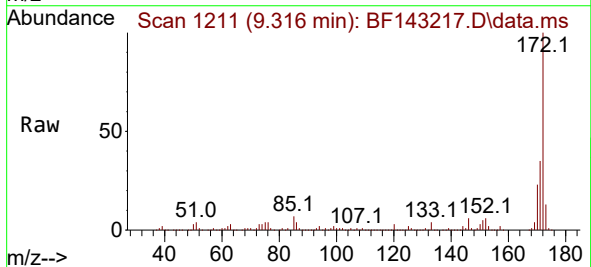
Instrument :
BNA_F
ClientSampleId :
WC-2



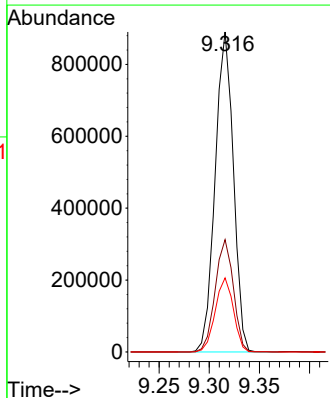
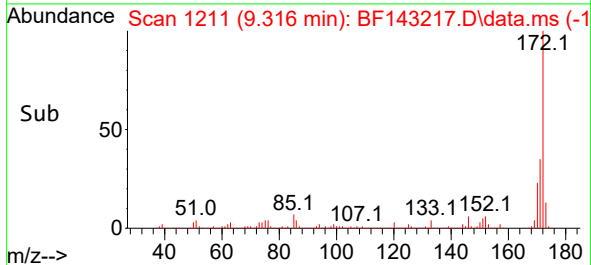
Tgt Ion:330 Resp: 319509
Ion Ratio Lower Upper
330 100
332 97.5 76.7 115.1
141 28.7 23.3 34.9

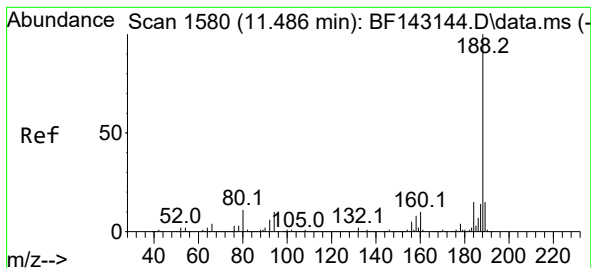


#45
2-Fluorobiphenyl
Concen: 57.857 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143217.D
Acq: 23 Jul 2025 17:57



Tgt Ion:172 Resp: 1123948
Ion Ratio Lower Upper
172 100
171 35.1 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: BF143217.D

Acq: 23 Jul 2025 17:57

Instrument :

BNA_F

ClientSampleId :

WC-2

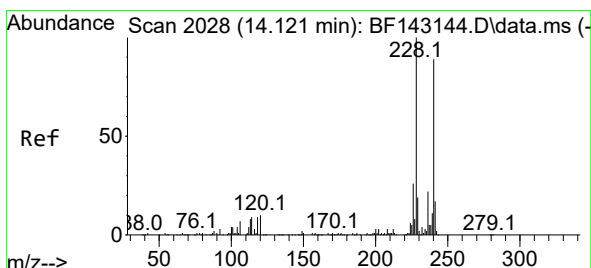
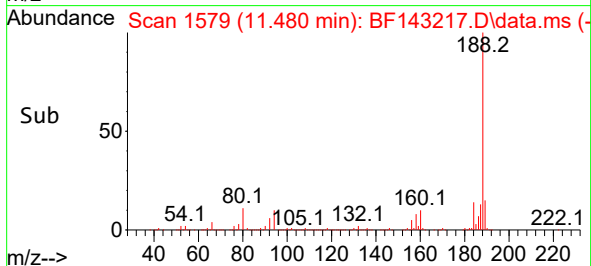
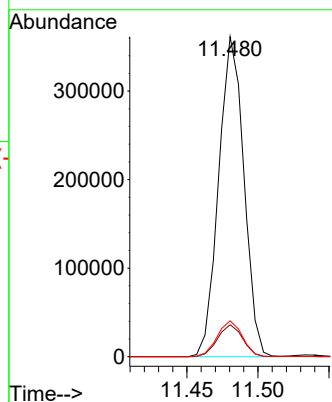
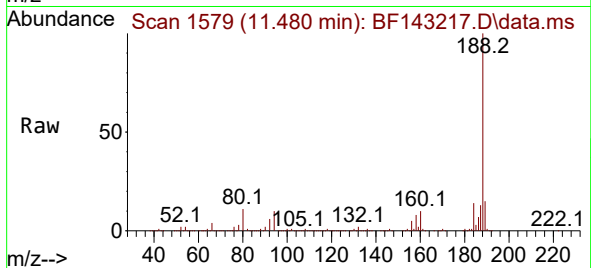
Tgt Ion:188 Resp: 446309

Ion Ratio Lower Upper

188 100

94 10.0 8.3 12.5

80 11.2 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF143217.D

Acq: 23 Jul 2025 17:57

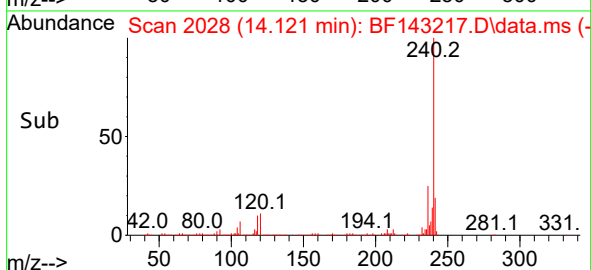
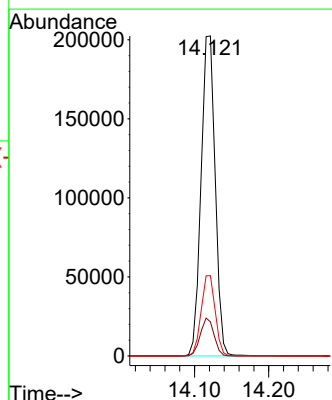
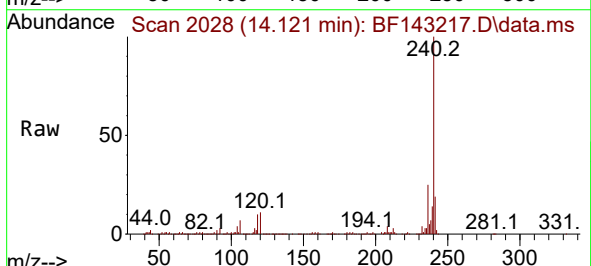
Tgt Ion:240 Resp: 268162

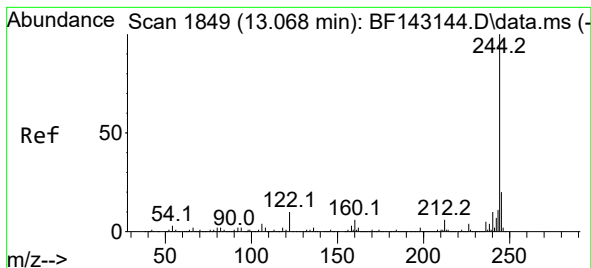
Ion Ratio Lower Upper

240 100

120 10.7 9.4 14.2

236 25.1 20.2 30.4





#79

Terphenyl-d14

Concen: 72.645 ng

RT: 13.068 min Scan# 1849

Delta R.T. -0.000 min

Lab File: BF143217.D

Acq: 23 Jul 2025 17:57

Instrument :

BNA_F

ClientSampleId :

WC-2

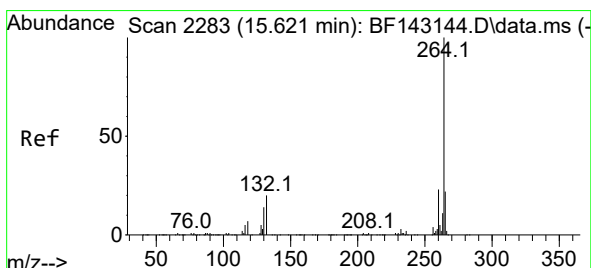
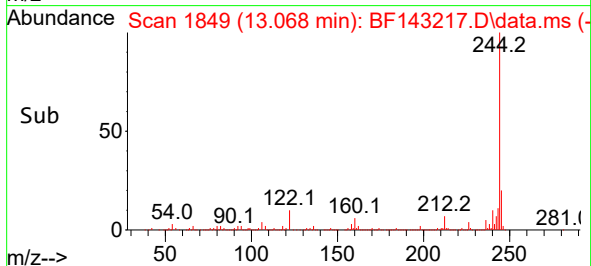
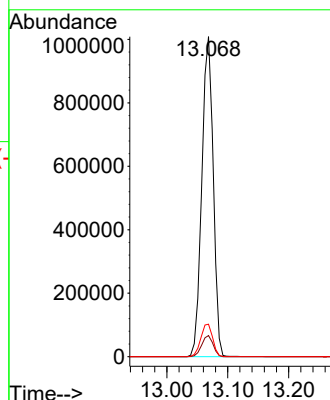
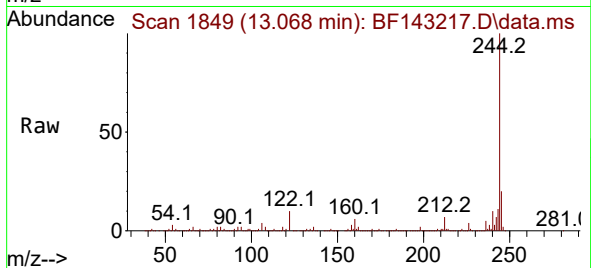
Tgt Ion:244 Resp: 1309095

Ion Ratio Lower Upper

244 100

212 6.6 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: BF143217.D

Acq: 23 Jul 2025 17:57

Tgt Ion:264 Resp: 271898

Ion Ratio Lower Upper

264 100

260 22.9 18.5 27.7

265 20.9 17.4 26.2

