

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
 Data File : BF143218.D
 Acq On : 23 Jul 2025 18:26
 Operator : RC/JU
 Sample : Q2649-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Quant Time: Jul 24 01:18:42 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	121916	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	474359	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	257619	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	428065	20.000	ng	0.00
76) Chrysene-d12	14.115	240	263467	20.000	ng	0.00
86) Perylene-d12	15.621	264	263533	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	729683	94.713	ng	0.01
7) Phenol-d6	6.587	99	1008179	103.967	ng	0.00
23) Nitrobenzene-d5	7.516	82	633129	66.531	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	267879	100.655	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1090829	57.909	ng	0.00
79) Terphenyl-d14	13.063	244	1109894	62.689	ng	0.00

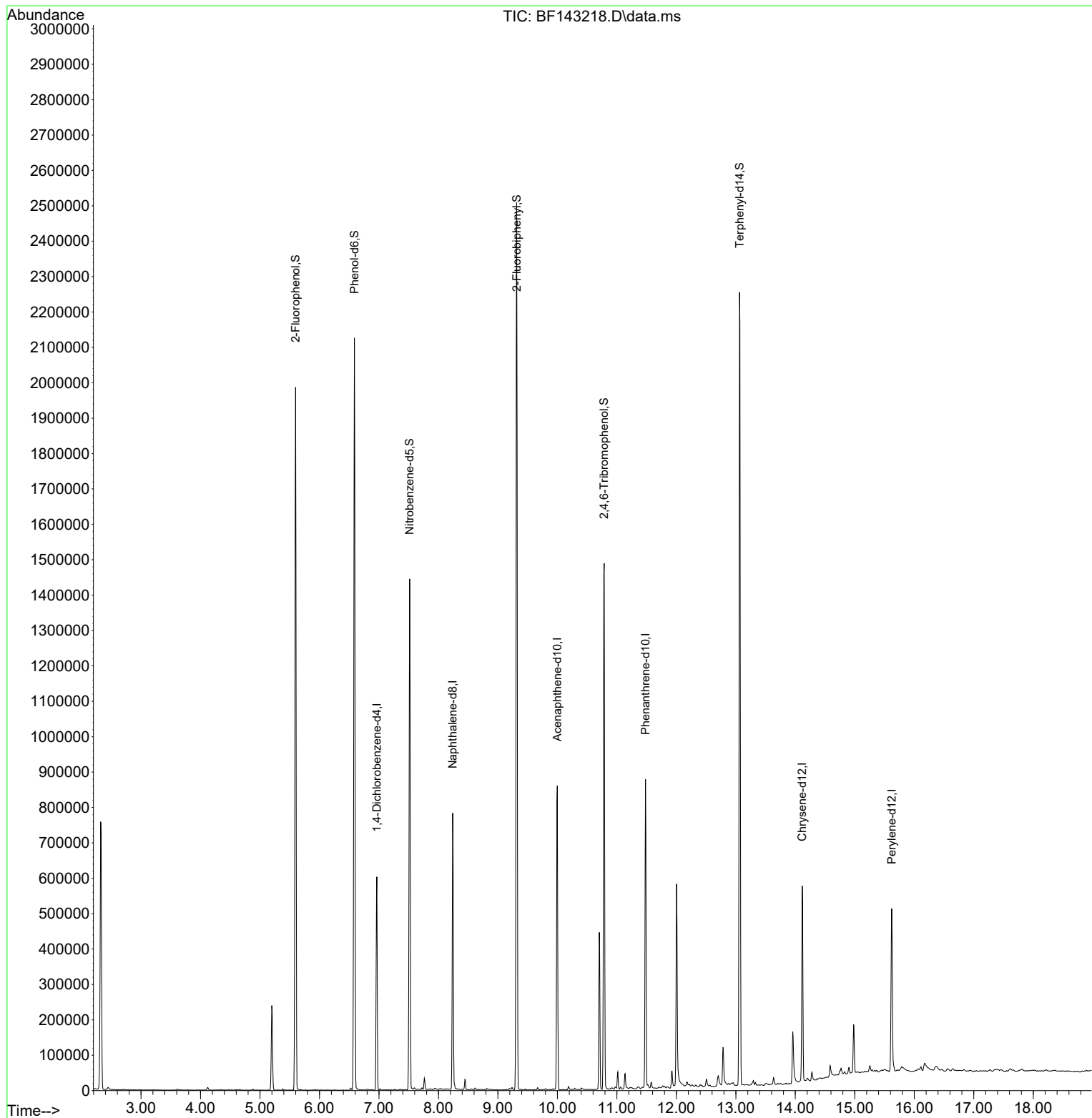
Target Compounds	Qvalue

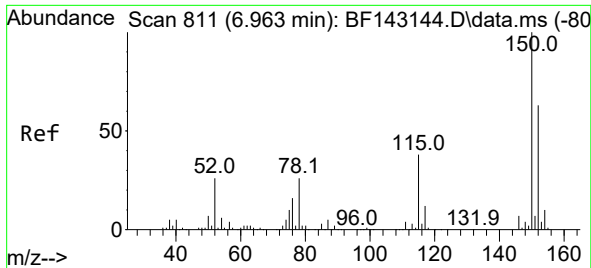
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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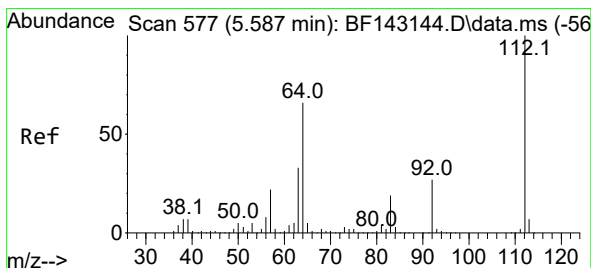
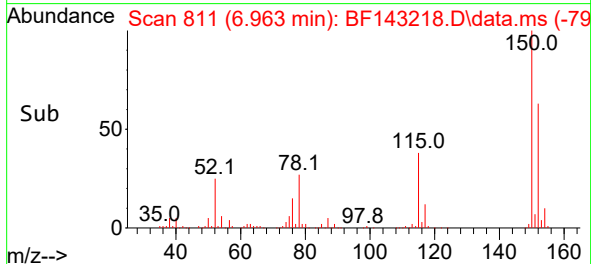
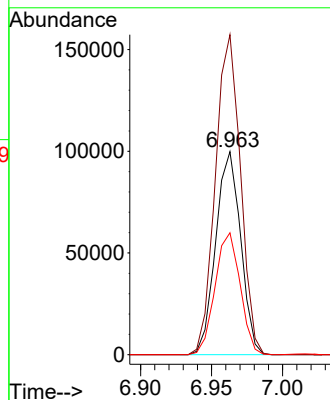
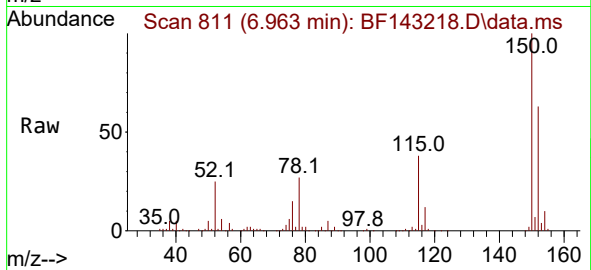




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143218.D
Acq: 23 Jul 2025 18:26

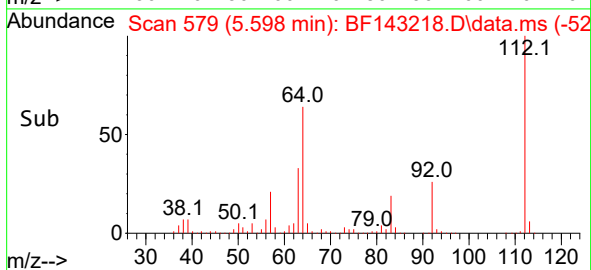
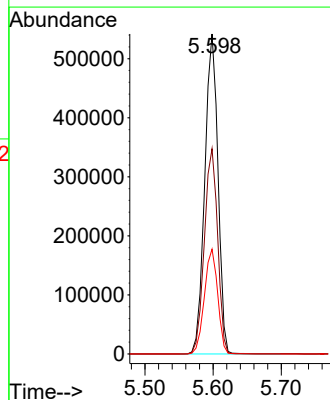
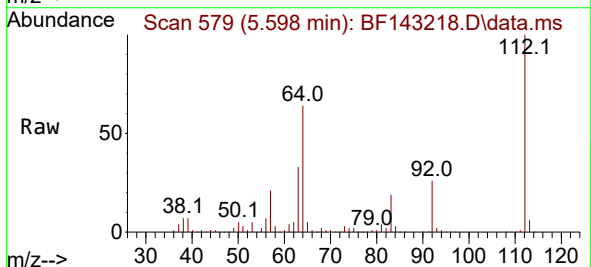
Instrument :
BNA_F
ClientSampleId :
WC-3

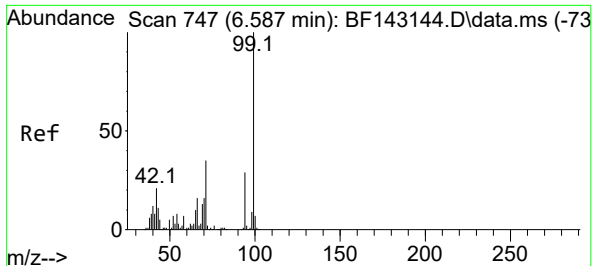
Tgt Ion:152 Resp: 121916
Ion Ratio Lower Upper
152 100
150 157.6 128.2 192.4
115 60.0 47.9 71.9



#5
2-Fluorophenol
Concen: 94.713 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143218.D
Acq: 23 Jul 2025 18:26

Tgt Ion:112 Resp: 729683
Ion Ratio Lower Upper
112 100
64 64.2 53.1 79.7
63 32.7 26.6 40.0





#7
Phenol-d6
Concen: 103.967 ng
RT: 6.587 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF143218.D
Acq: 23 Jul 2025 18:26

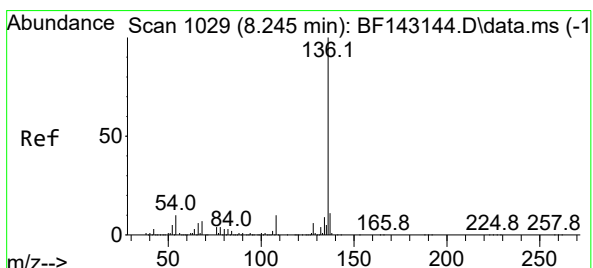
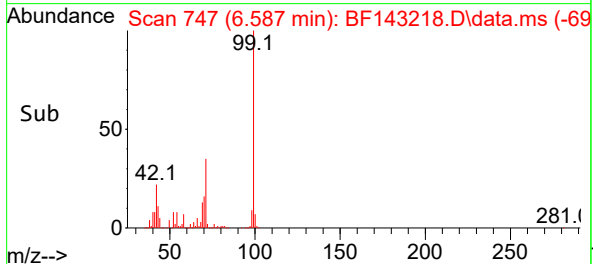
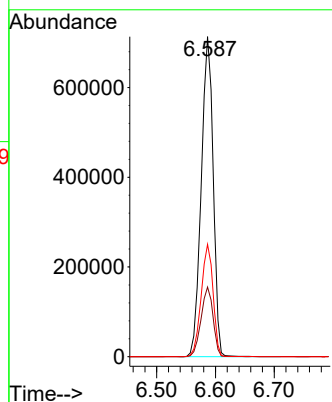
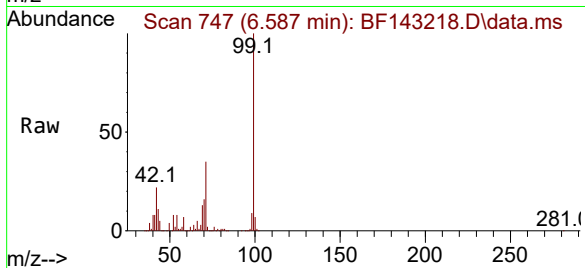
Instrument :

BNA_F

ClientSampleId :

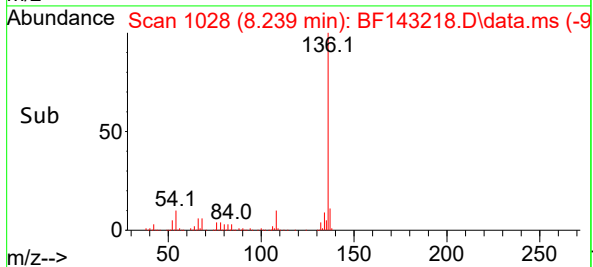
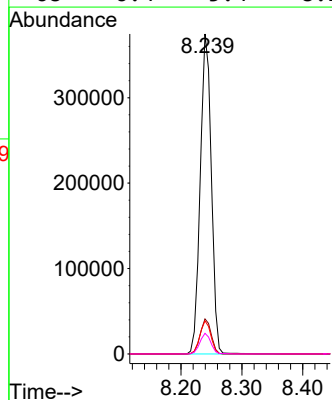
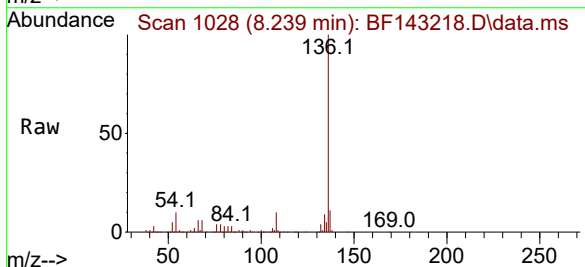
WC-3

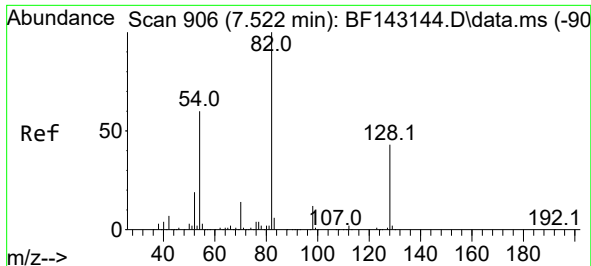
Tgt Ion: 99 Resp: 1008179
Ion Ratio Lower Upper
99 100
42 21.7 17.0 25.6
71 35.1 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143218.D
Acq: 23 Jul 2025 18:26

Tgt Ion:136 Resp: 474359
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.4 8.2 12.2
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 66.531 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143218.D

Acq: 23 Jul 2025 18:26

Instrument :

BNA_F

ClientSampleId :

WC-3

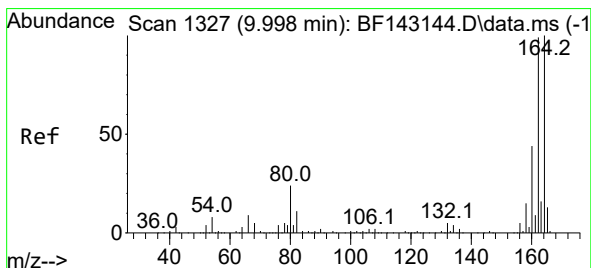
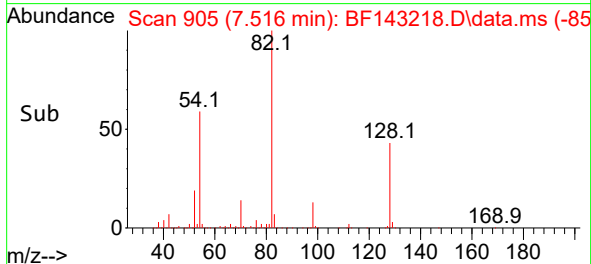
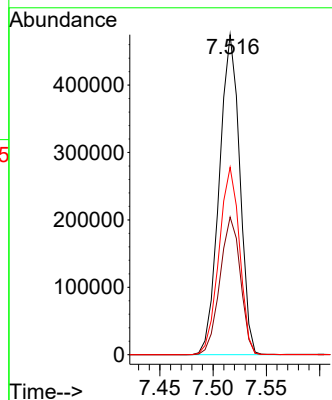
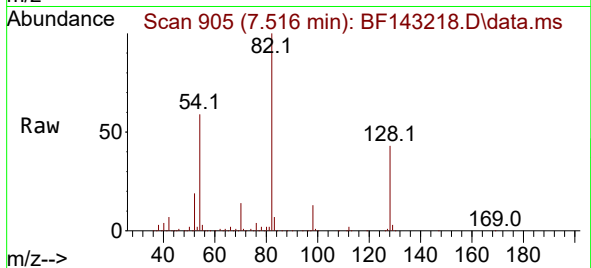
Tgt Ion: 82 Resp: 633129

Ion Ratio Lower Upper

82 100

128 43.0 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: BF143218.D

Acq: 23 Jul 2025 18:26

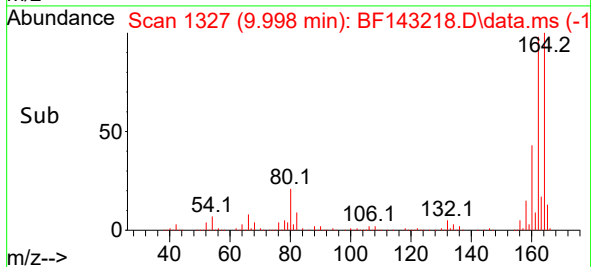
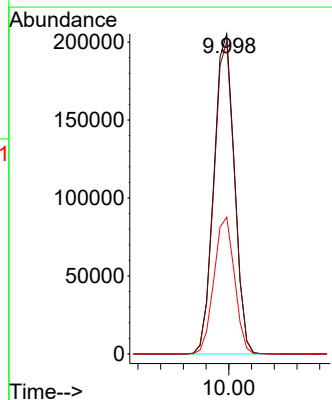
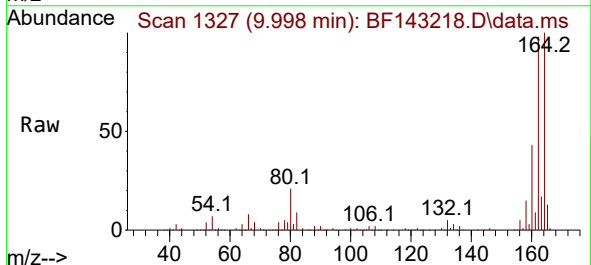
Tgt Ion:164 Resp: 257619

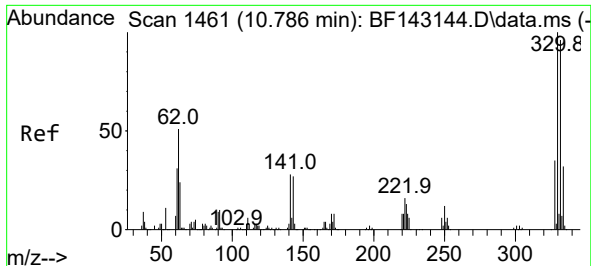
Ion Ratio Lower Upper

164 100

162 97.6 79.0 118.6

160 42.7 35.1 52.7

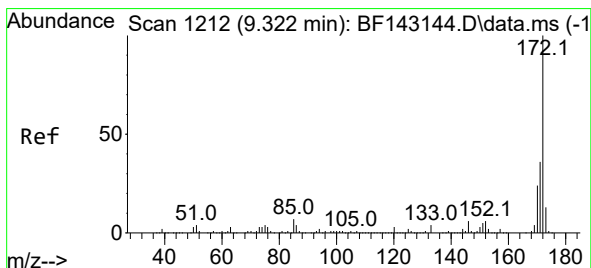
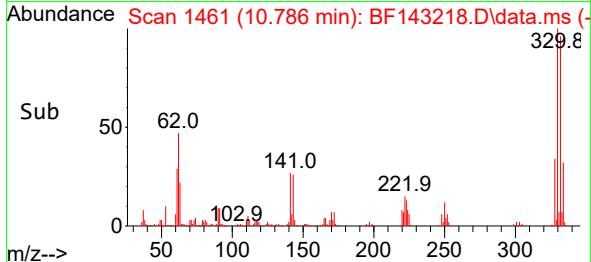
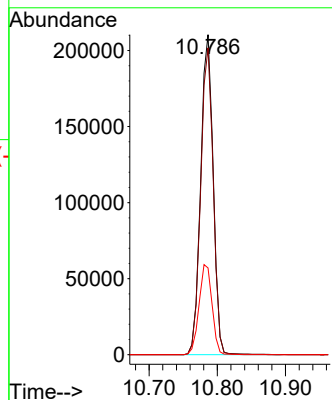
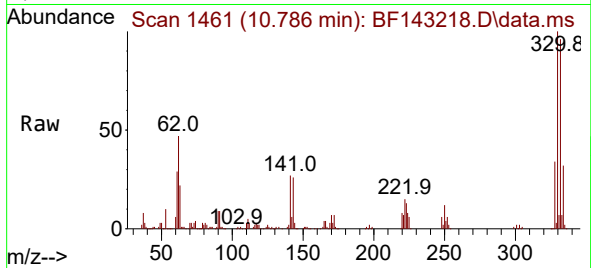




#42
 2,4,6-Tribromophenol
 Concen: 100.655 ng
 RT: 10.786 min Scan# 1461
 Delta R.T. -0.000 min
 Lab File: BF143218.D
 Acq: 23 Jul 2025 18:26

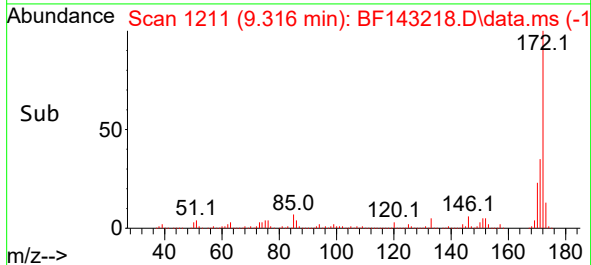
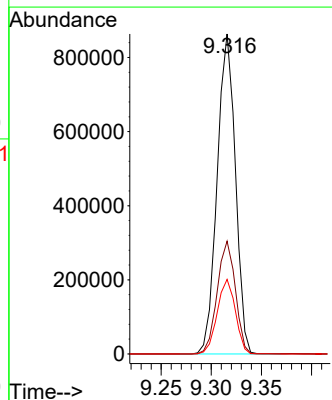
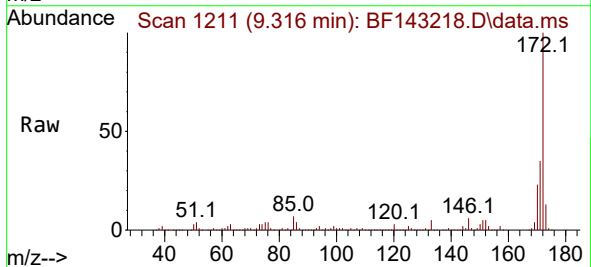
Instrument :
 BNA_F
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 WC-3

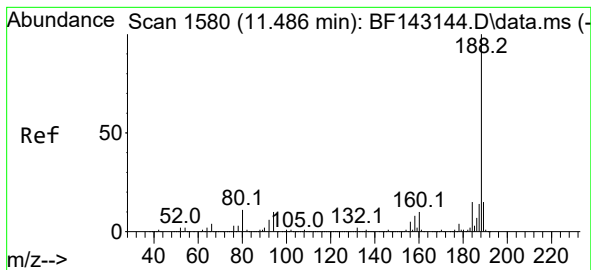
Tgt Ion: 330 Resp: 267879
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.7 115.1
 141 29.3 23.3 34.9



#45
 2-Fluorobiphenyl
 Concen: 57.909 ng
 RT: 9.316 min Scan# 1211
 Delta R.T. -0.006 min
 Lab File: BF143218.D
 Acq: 23 Jul 2025 18:26

Tgt Ion: 172 Resp: 1090829
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 42.8
 170 23.3 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: BF143218.D

Acq: 23 Jul 2025 18:26

Instrument :

BNA_F

ClientSampleId :

WC-3

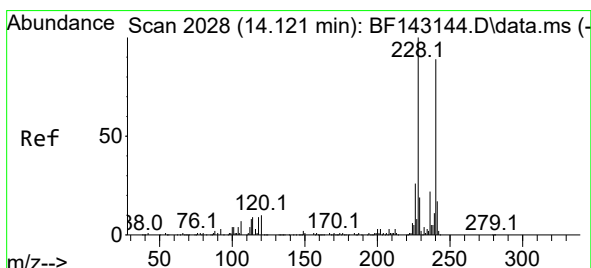
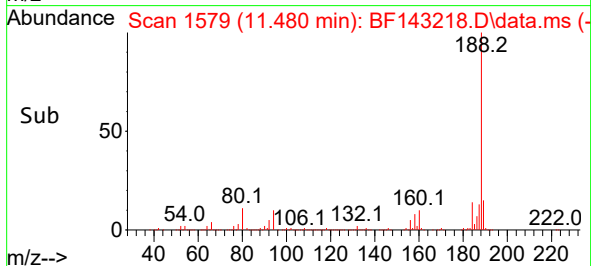
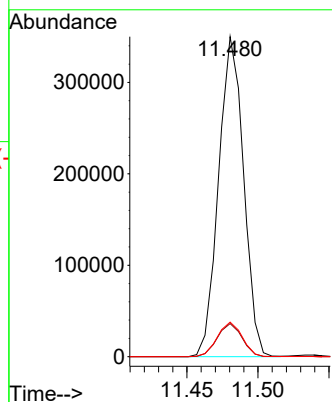
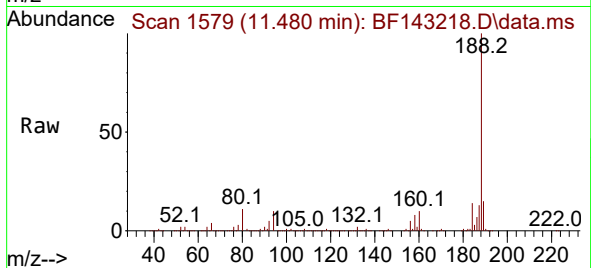
Tgt Ion:188 Resp: 428065

Ion Ratio Lower Upper

188 100

94 10.3 8.3 12.5

80 10.8 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: BF143218.D

Acq: 23 Jul 2025 18:26

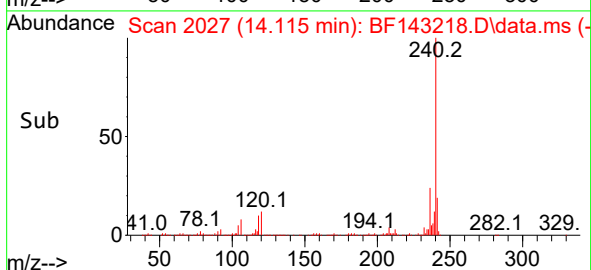
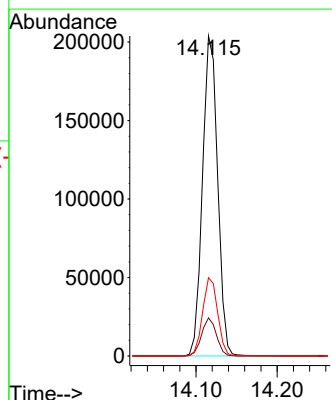
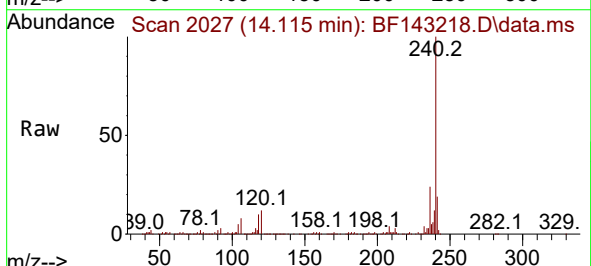
Tgt Ion:240 Resp: 263467

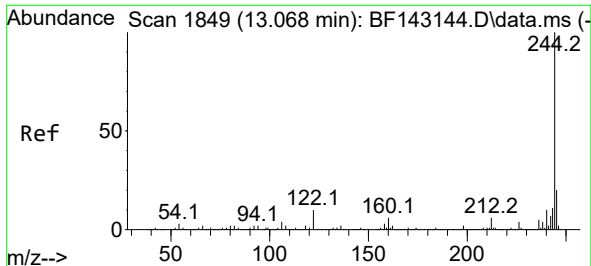
Ion Ratio Lower Upper

240 100

120 11.9 9.4 14.2

236 24.5 20.2 30.4

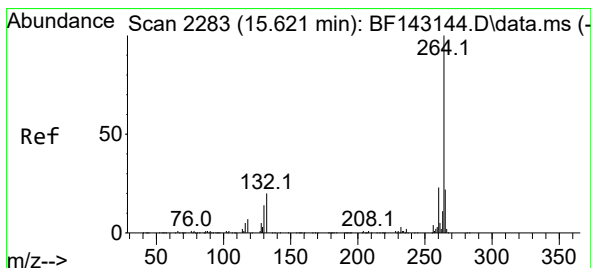
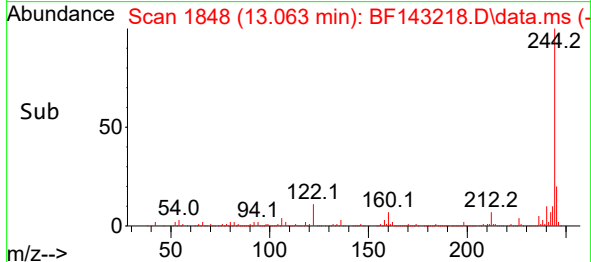
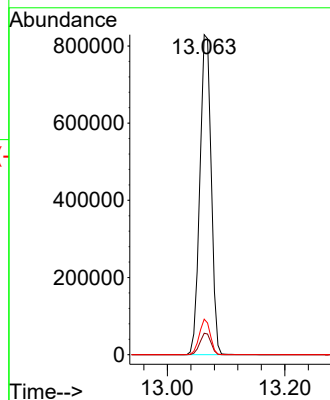
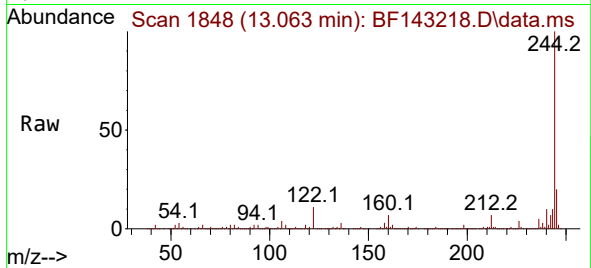




#79
 Terphenyl-d14
 Concen: 62.689 ng
 RT: 13.063 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF143218.D
 Acq: 23 Jul 2025 18:26

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Tgt Ion:244 Resp: 1109894
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.2 7.8
 122 11.1 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: BF143218.D
 Acq: 23 Jul 2025 18:26

Tgt Ion:264 Resp: 263533
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 21.9 17.4 26.2

