

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
 Data File : BF142984.D
 Acq On : 02 Jul 2025 21:52
 Operator : RC/JU
 Sample : Q2478-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Jul 03 01:10:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	57108	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	218117	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	107679	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	157924	20.000	ng	0.00
76) Chrysene-d12	14.045	240	137412	20.000	ng	-0.01
86) Perylene-d12	15.539	264	108687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	215807	62.916	ng	0.00
7) Phenol-d6	6.498	99	263716	65.166	ng	-0.01
23) Nitrobenzene-d5	7.434	82	160160	40.276	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	65863	59.438	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	348056	42.462	ng	-0.02
79) Terphenyl-d14	12.986	244	287801	28.939	ng	-0.01

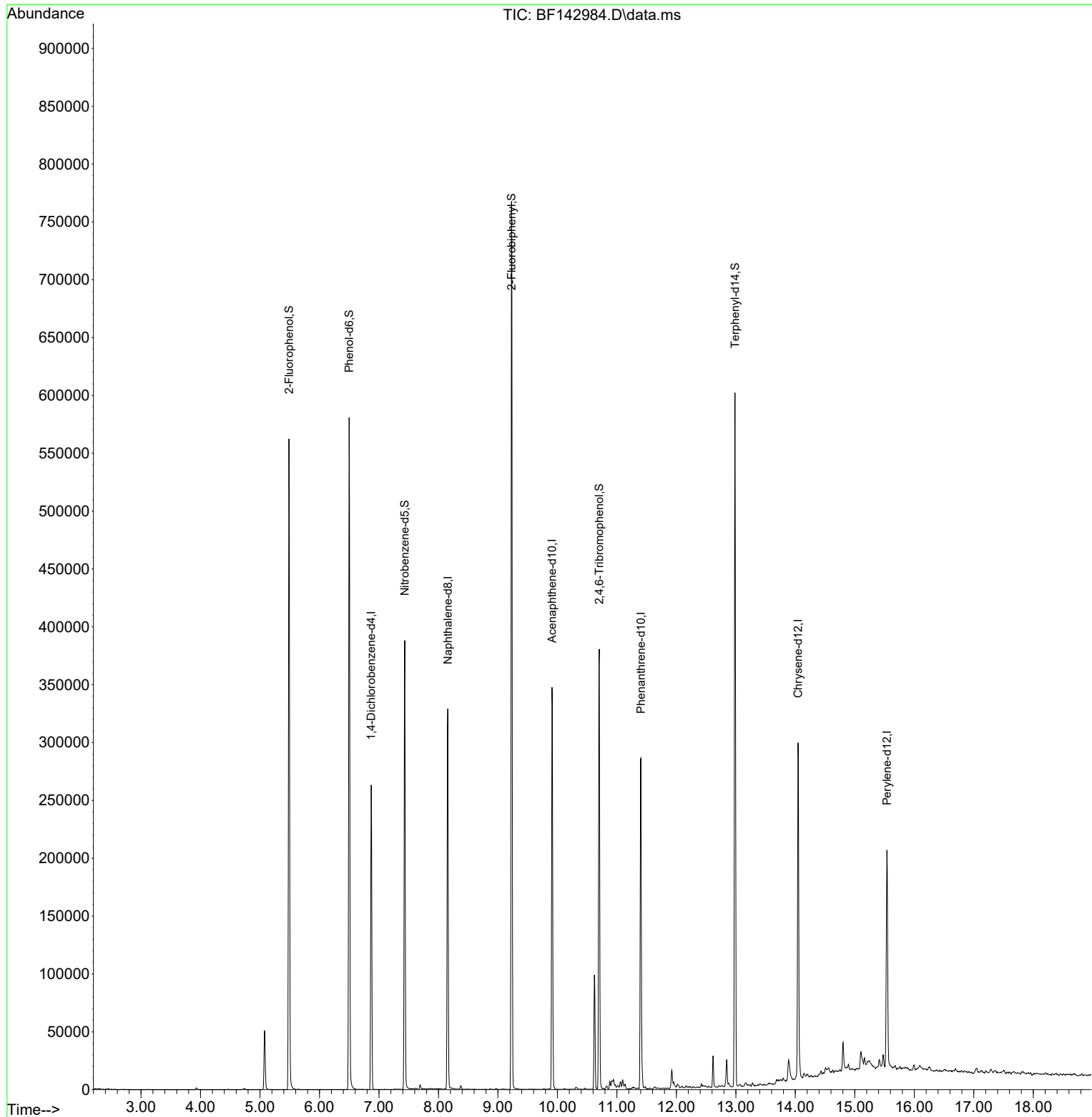
Target Compounds	Qvalue

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

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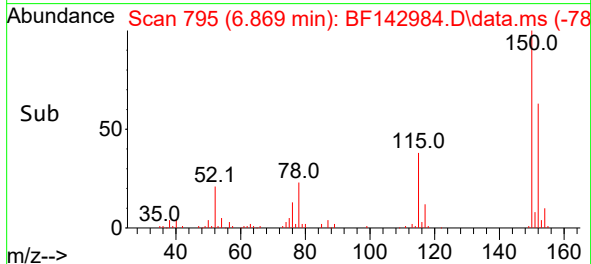
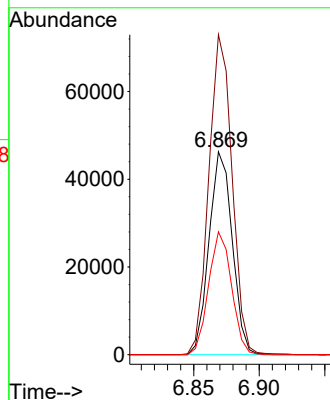
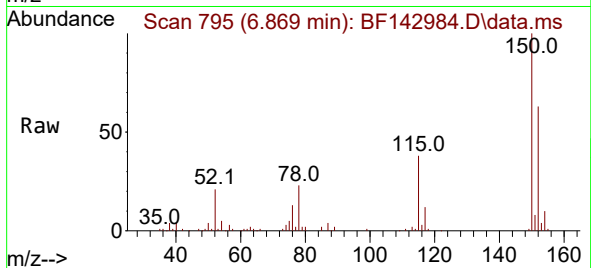




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 797
Delta R.T. -0.012 min
Lab File: BF142984.D
Acq: 02 Jul 2025 21:52

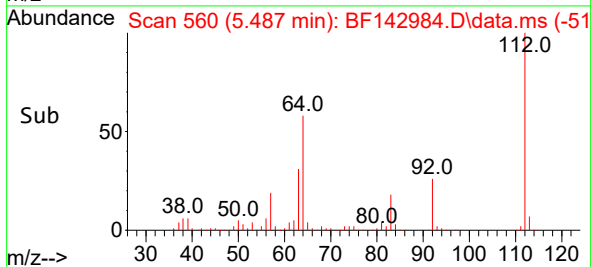
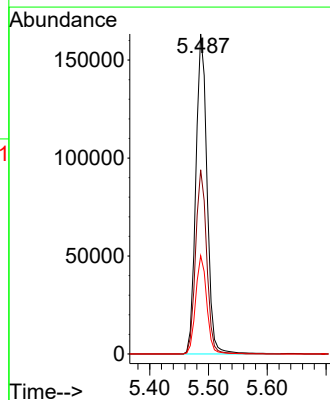
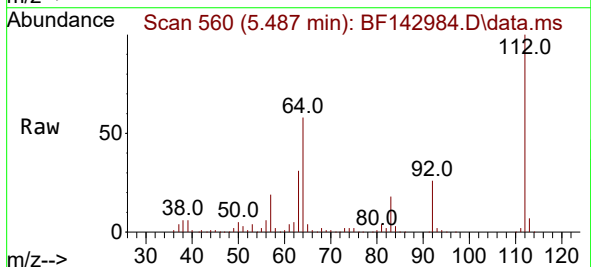
Instrument :
BNA_F
ClientSampleId :
WC-1

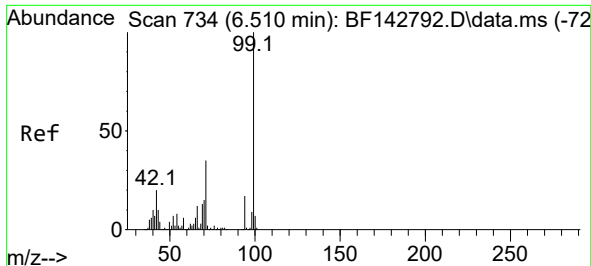
Tgt Ion:152 Resp: 57108
Ion Ratio Lower Upper
152 100
150 157.7 127.2 190.8
115 60.5 46.6 69.8



#5
2-Fluorophenol
Concen: 62.916 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.005 min
Lab File: BF142984.D
Acq: 02 Jul 2025 21:52

Tgt Ion:112 Resp: 215807
Ion Ratio Lower Upper
112 100
64 57.5 48.2 72.2
63 30.7 25.7 38.5

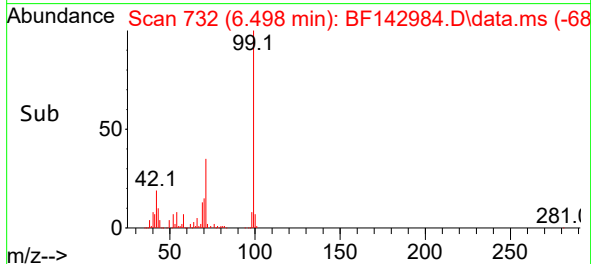
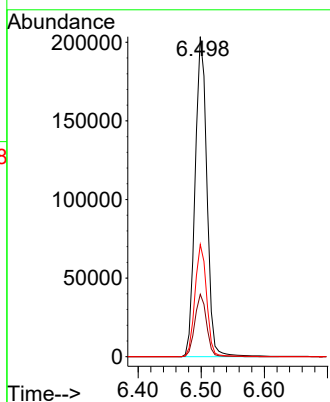
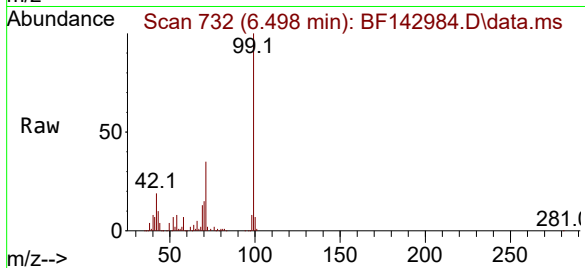




#7
Phenol-d6
Concen: 65.166 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142984.D
Acq: 02 Jul 2025 21:52

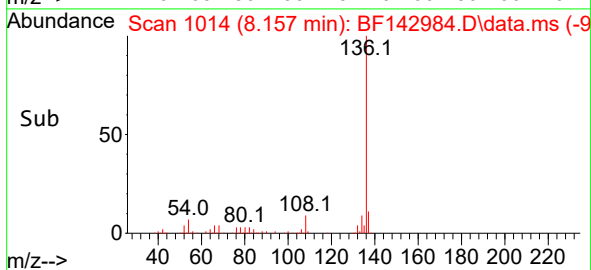
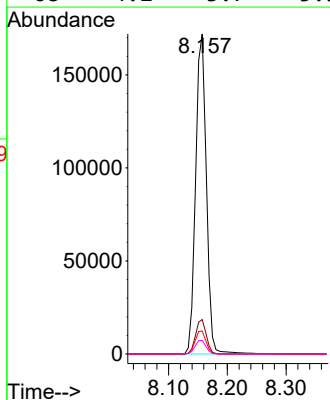
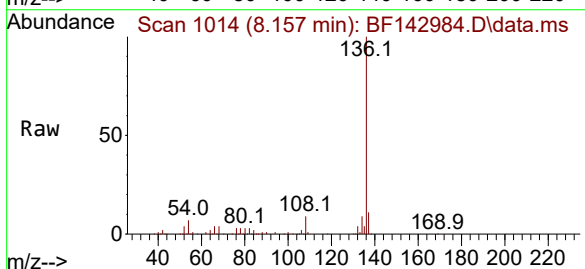
Instrument :
BNA_F
ClientSampleId :
WC-1

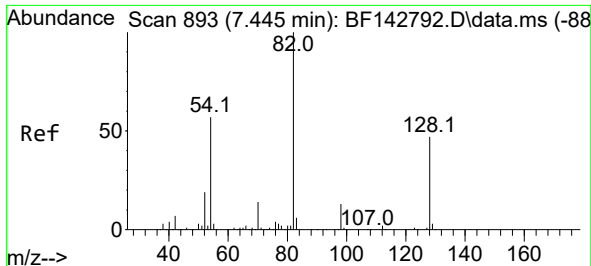
Tgt Ion: 99 Resp: 263716
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 35.0 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142984.D
Acq: 02 Jul 2025 21:52

Tgt Ion: 136 Resp: 218117
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.2 6.3 9.5
68 4.2 3.7 5.5





#23

Nitrobenzene-d5

Concen: 40.276 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.011 min

Lab File: BF142984.D

Acq: 02 Jul 2025 21:52

Instrument :

BNA_F

ClientSampleId :

WC-1

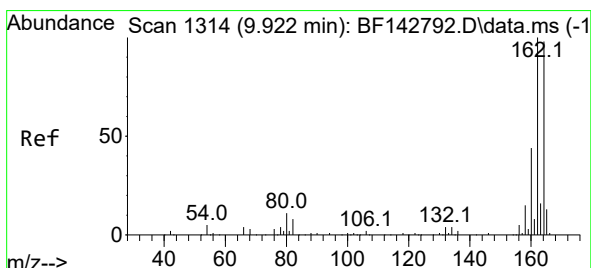
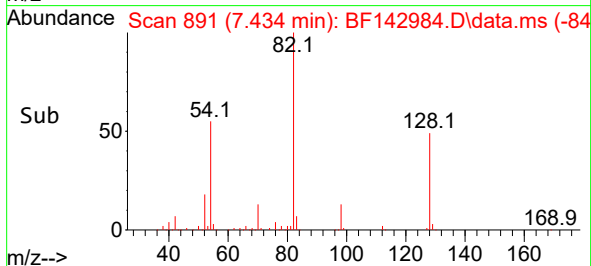
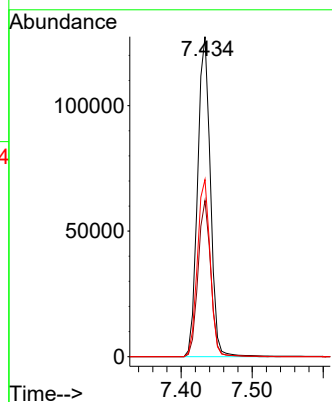
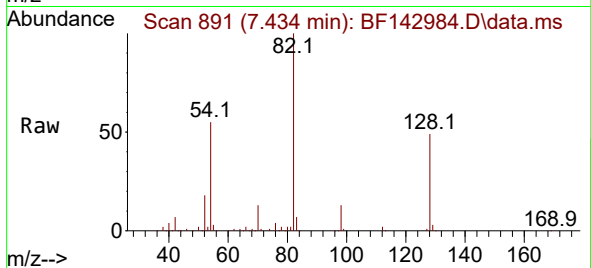
Tgt Ion: 82 Resp: 160160

Ion Ratio Lower Upper

82 100

128 48.8 37.7 56.5

54 55.4 45.7 68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1312

Delta R.T. -0.012 min

Lab File: BF142984.D

Acq: 02 Jul 2025 21:52

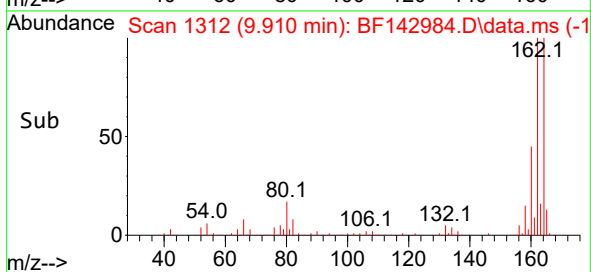
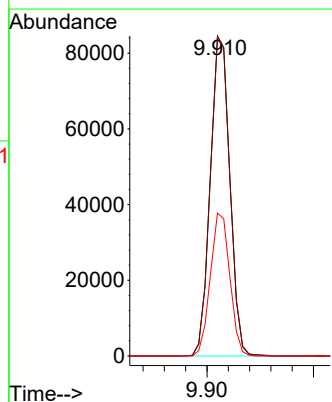
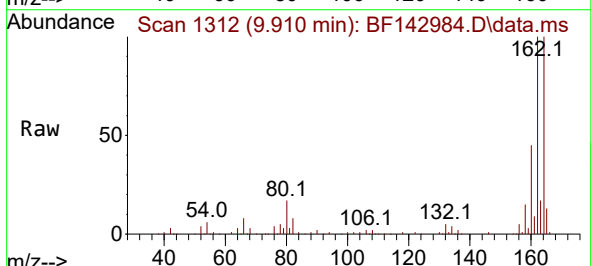
Tgt Ion: 164 Resp: 107679

Ion Ratio Lower Upper

164 100

162 99.7 81.8 122.8

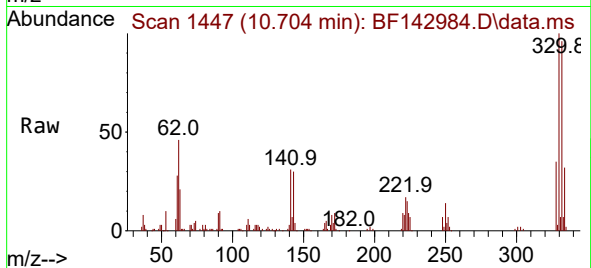
160 44.7 36.0 54.0



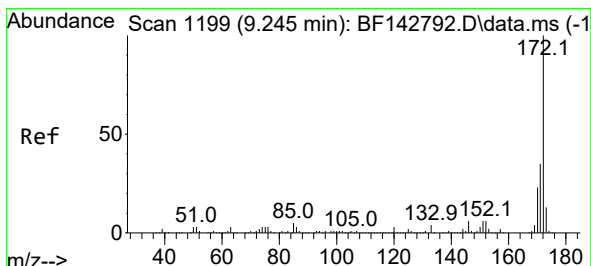
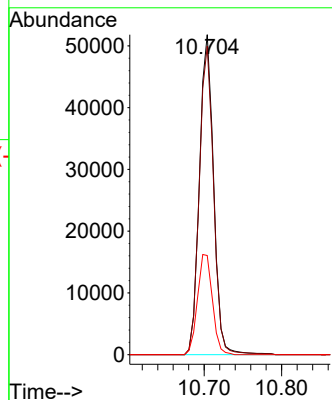
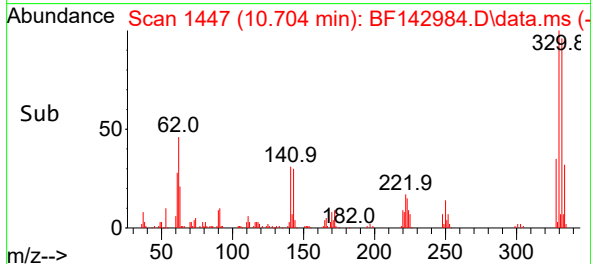


#42
2,4,6-Tribromophenol
Concen: 59.438 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF142984.D
Acq: 02 Jul 2025 21:52

Instrument :
BNA_F
ClientSampleId :
WC-1

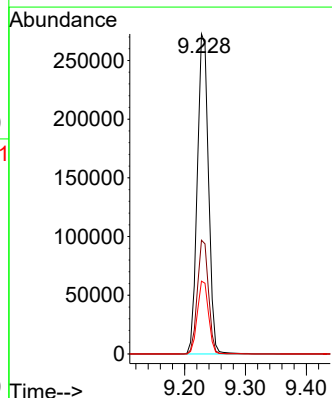
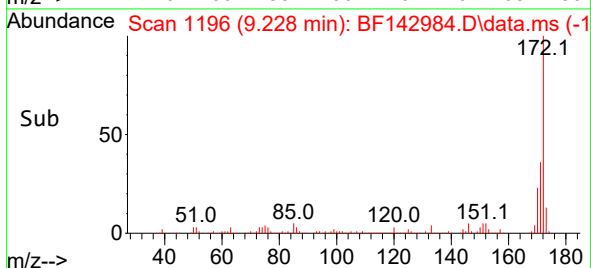
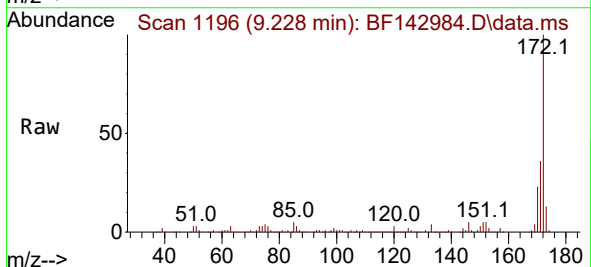


Tgt Ion: 330 Resp: 65863
Ion Ratio Lower Upper
330 100
332 97.1 75.0 112.6
141 32.9 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 42.462 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.017 min
Lab File: BF142984.D
Acq: 02 Jul 2025 21:52

Tgt Ion: 172 Resp: 348056
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 22.8 18.5 27.7

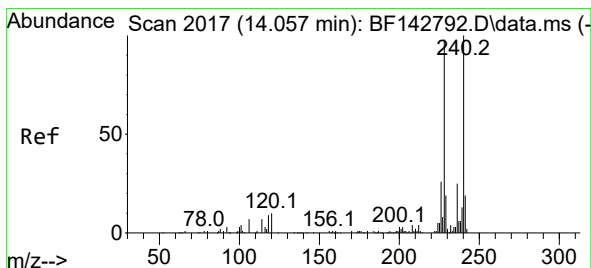
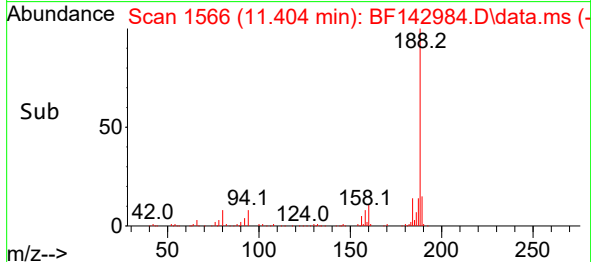
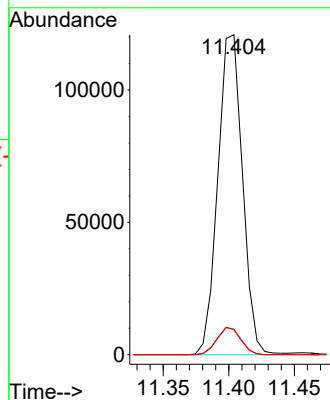
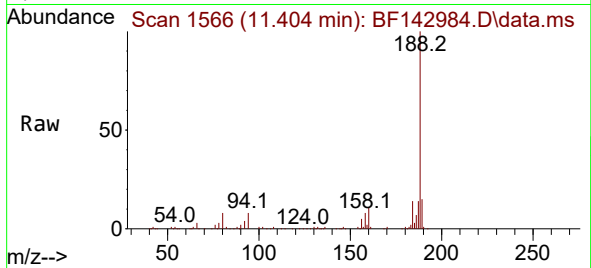




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142984.D
Acq: 02 Jul 2025 21:52

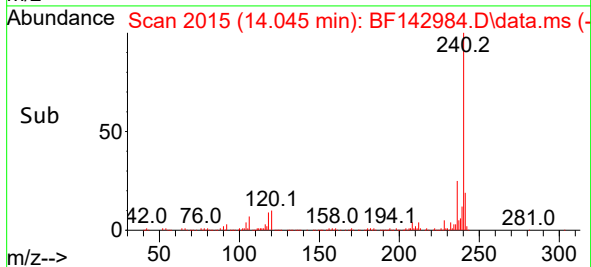
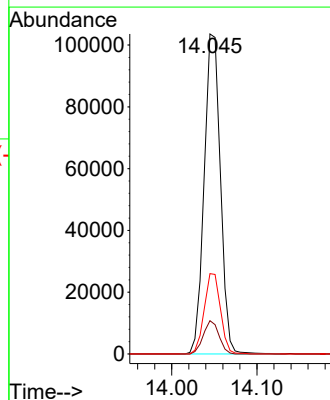
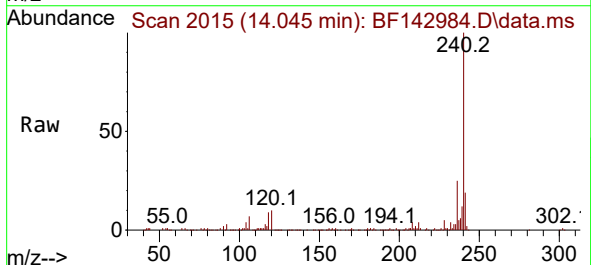
Instrument :
BNA_F
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WC-1

Tgt Ion:188 Resp: 157924
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 7.9 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF142984.D
Acq: 02 Jul 2025 21:52

Tgt Ion:240 Resp: 137412
Ion Ratio Lower Upper
240 100
120 10.4 8.2 12.2
236 25.1 19.8 29.8





#79

Terphenyl-d14

Concen: 28.939 ng

RT: 12.986 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142984.D

Acq: 02 Jul 2025 21:52

Instrument :

BNA_F

ClientSampleId :

WC-1

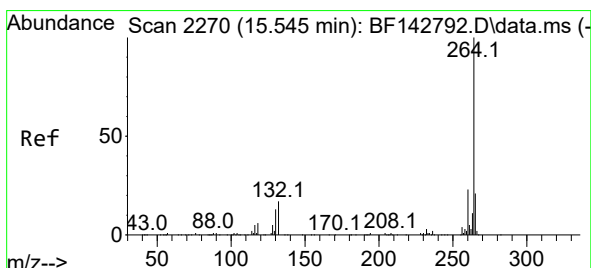
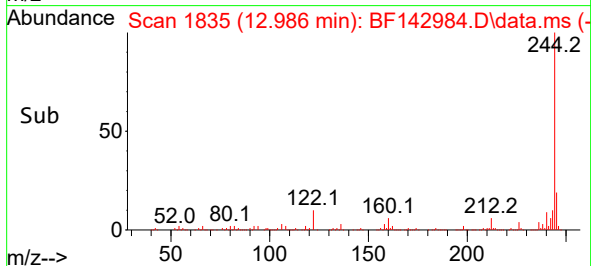
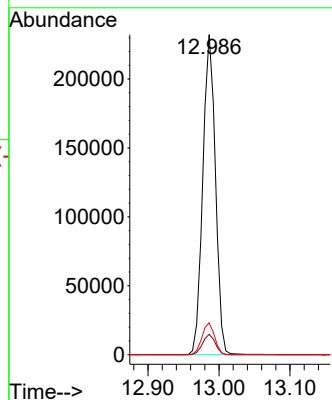
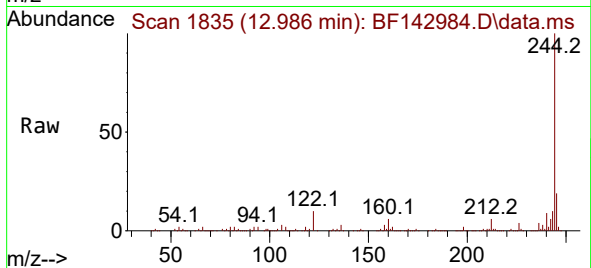
Tgt Ion:244 Resp: 287801

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 9.9 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. -0.006 min

Lab File: BF142984.D

Acq: 02 Jul 2025 21:52

Tgt Ion:264 Resp: 108687

Ion Ratio Lower Upper

264 100

260 23.2 18.1 27.1

265 22.0 16.6 25.0

