

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
 Data File : BF143041.D
 Acq On : 08 Jul 2025 19:10
 Operator : RC/JU
 Sample : Q2493-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-11

Quant Time: Jul 09 01:41:19 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	6.875	152	52736	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	201481	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	102860	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	160665	20.000	ng	0.00
76) Chrysene-d12	14.051	240	106469	20.000	ng	0.00
86) Perylene-d12	15.545	264	129476	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	368808	116.436	ng	0.01
7) Phenol-d6	6.504	99	399266	106.841	ng	0.00
23) Nitrobenzene-d5	7.434	82	298666	81.308	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	129850	122.674	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	637337	81.397	ng	-0.01
79) Terphenyl-d14	12.992	244	525293	68.170	ng	0.00

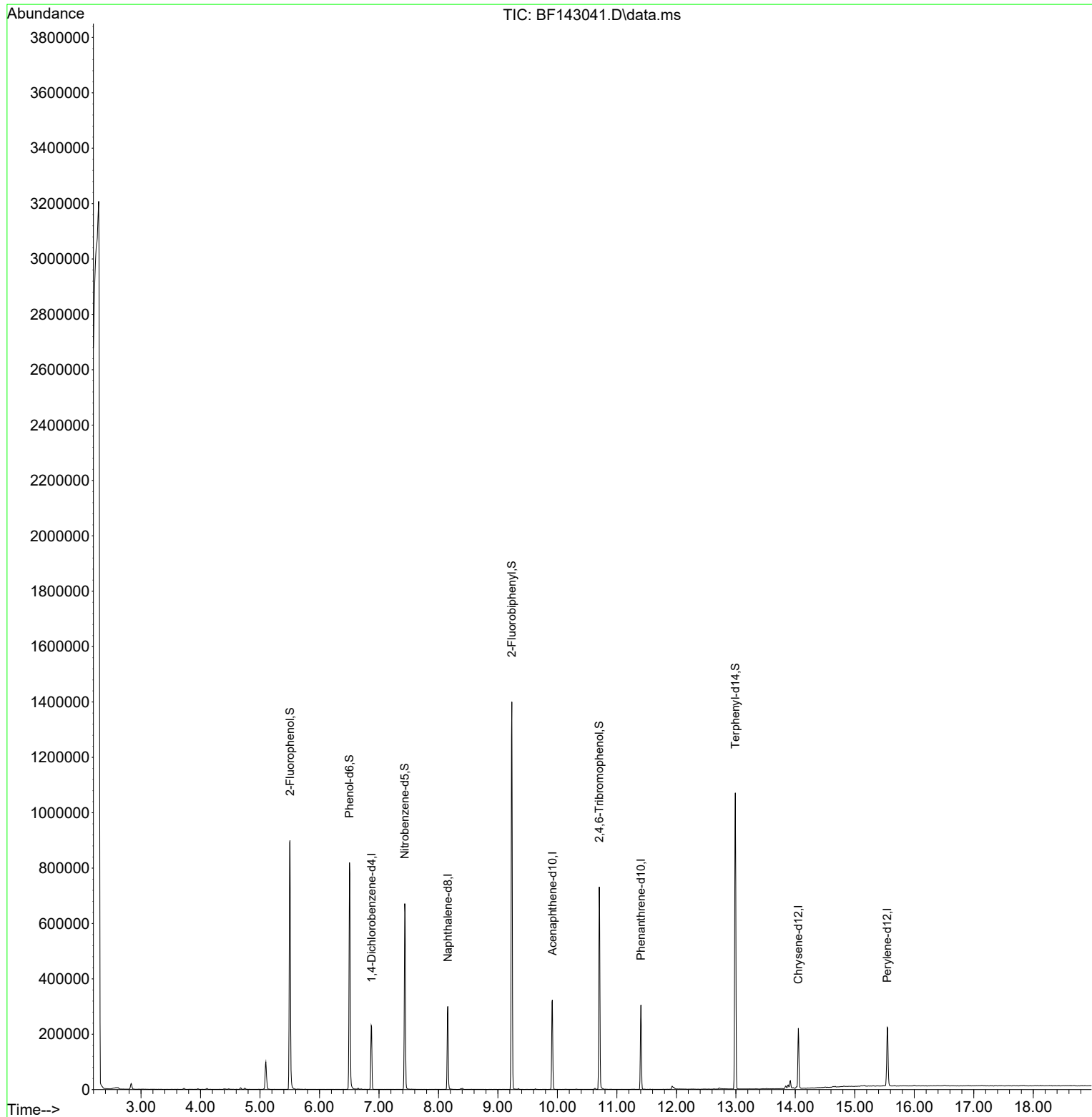
Target Compounds	Qvalue

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

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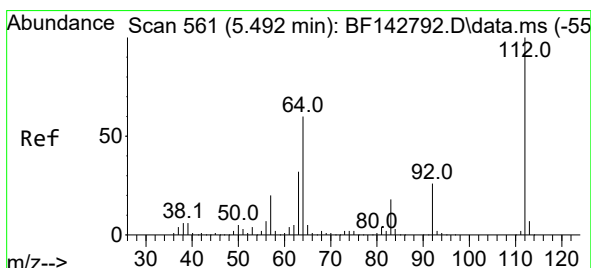
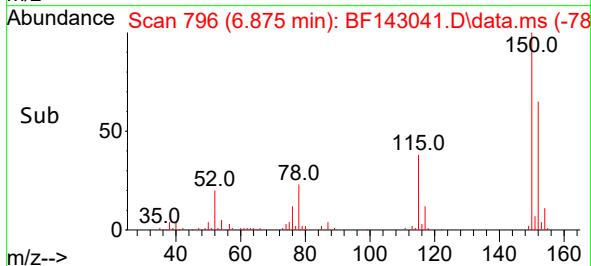
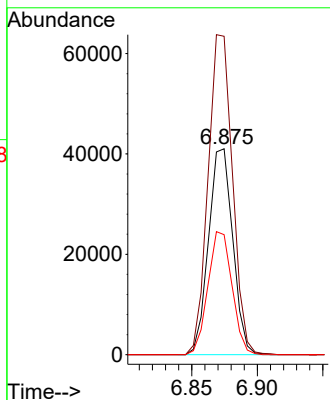
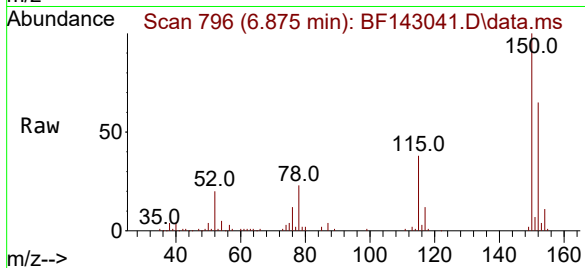




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF143041.D
Acq: 08 Jul 2025 19:10

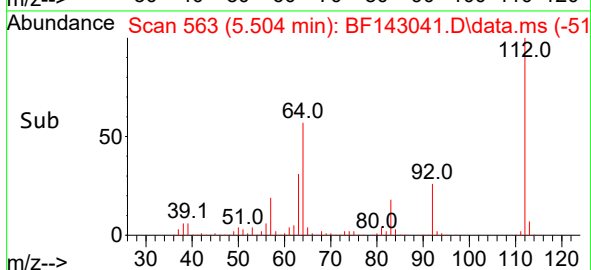
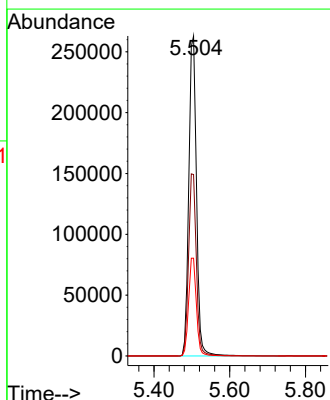
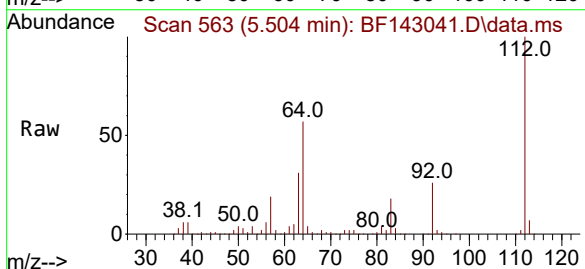
Instrument :
BNA_F
ClientSampleId :
WC-11

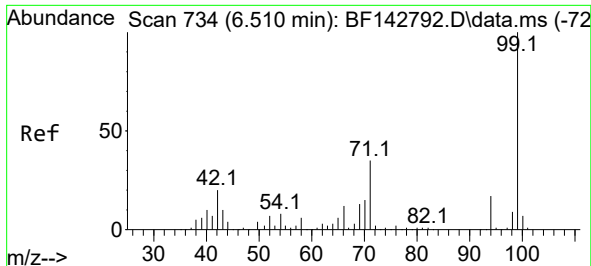
Tgt Ion:152 Resp: 52736
Ion Ratio Lower Upper
152 100
150 154.6 127.2 190.8
115 58.3 46.6 69.8



#5
2-Fluorophenol
Concen: 116.436 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF143041.D
Acq: 08 Jul 2025 19:10

Tgt Ion:112 Resp: 368808
Ion Ratio Lower Upper
112 100
64 56.7 48.2 72.2
63 30.6 25.7 38.5

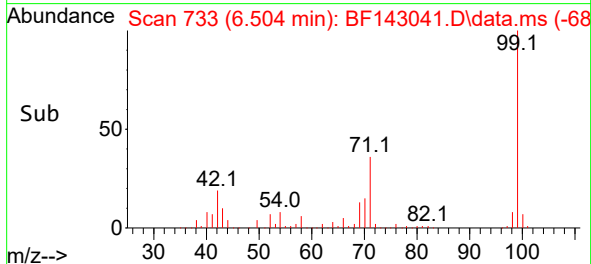
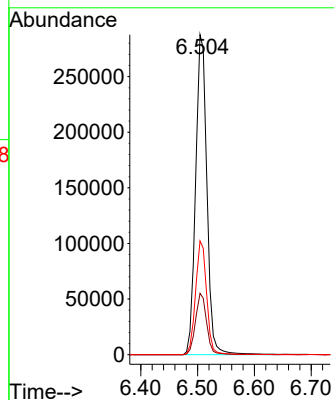
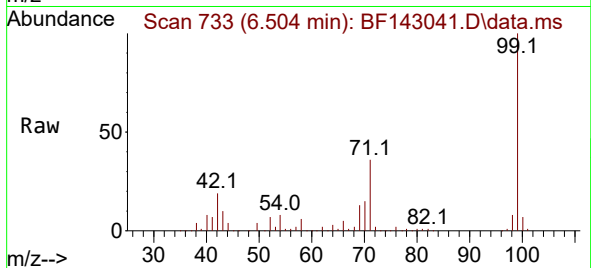




#7
Phenol-d6
Concen: 106.841 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143041.D
Acq: 08 Jul 2025 19:10

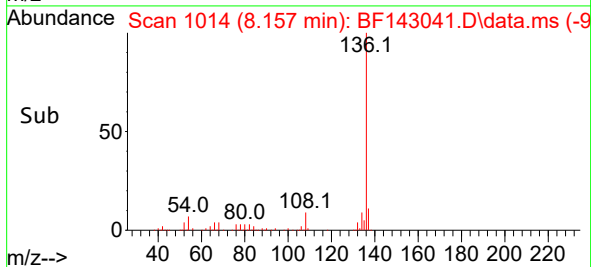
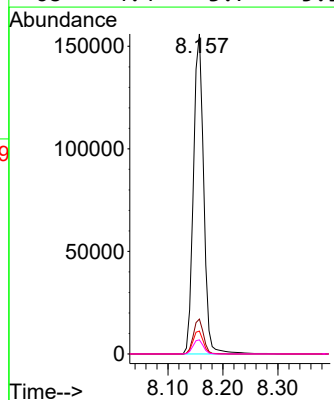
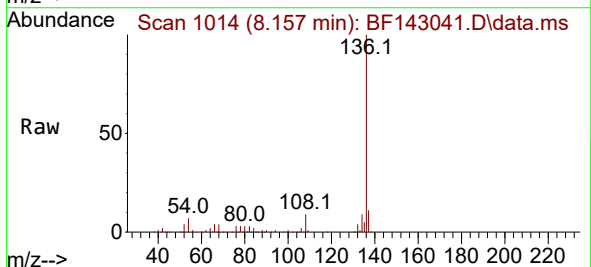
Instrument :
BNA_F
ClientSampleId :
WC-11

Tgt Ion: 99 Resp: 399266
Ion Ratio Lower Upper
99 100
42 19.1 15.9 23.9
71 35.6 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: BF143041.D
Acq: 08 Jul 2025 19:10

Tgt Ion: 136 Resp: 201481
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.2 6.3 9.5
68 4.4 3.7 5.5





#23

Nitrobenzene-d5

Concen: 81.308 ng

RT: 7.434 min Scan# 893

Delta R.T. -0.011 min

Lab File: BF143041.D

Acq: 08 Jul 2025 19:10

Instrument :

BNA_F

ClientSampleId :

WC-11

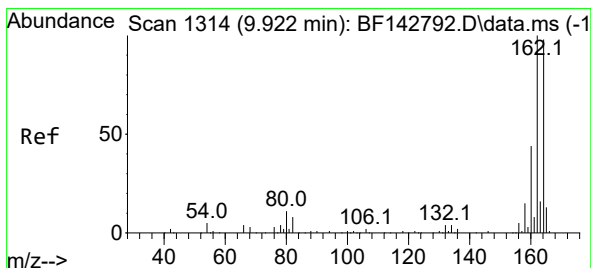
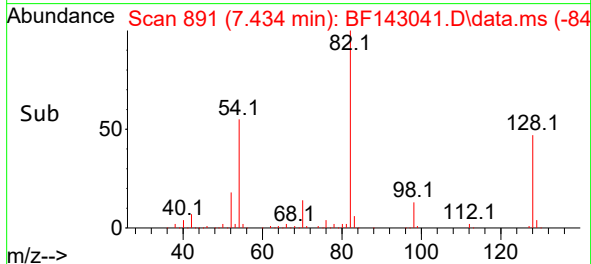
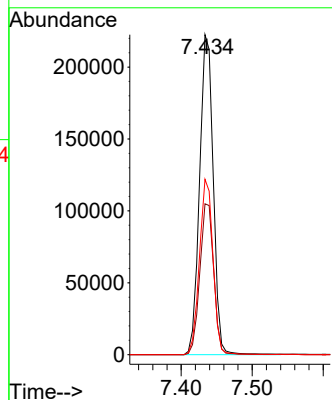
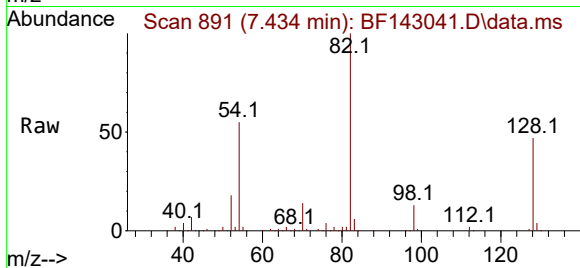
Tgt Ion: 82 Resp: 298666

Ion Ratio Lower Upper

82 100

128 47.2 37.7 56.5

54 54.8 45.7 68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF143041.D

Acq: 08 Jul 2025 19:10

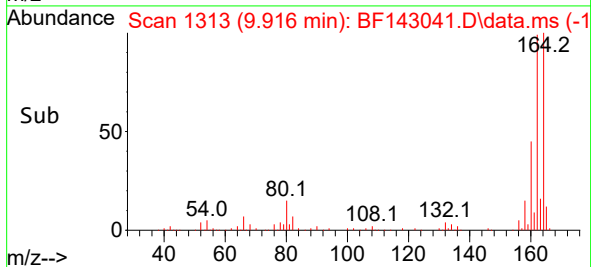
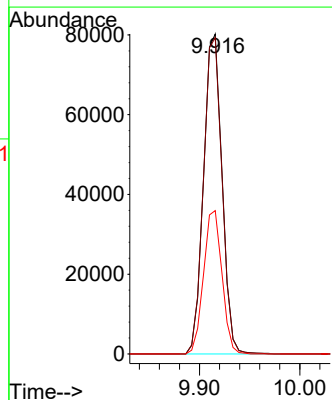
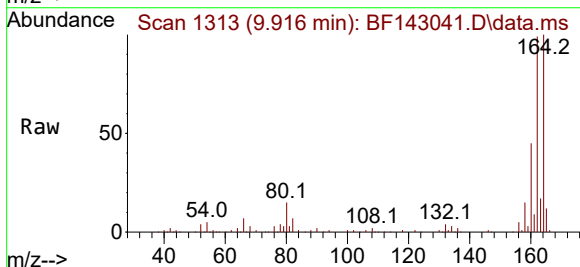
Tgt Ion: 164 Resp: 102860

Ion Ratio Lower Upper

164 100

162 98.9 81.8 122.8

160 44.8 36.0 54.0

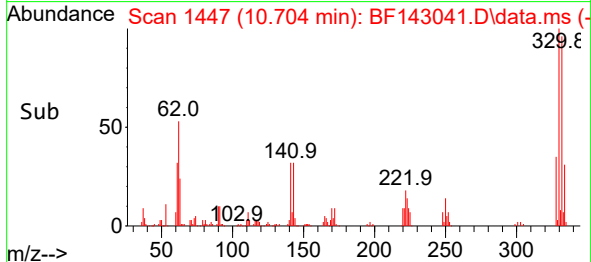
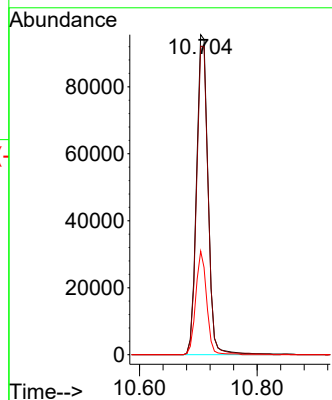
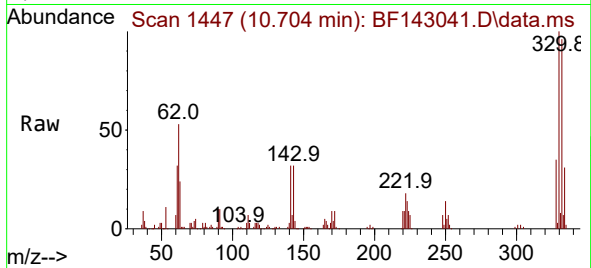




#42
2,4,6-Tribromophenol
Concen: 122.674 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF143041.D
Acq: 08 Jul 2025 19:10

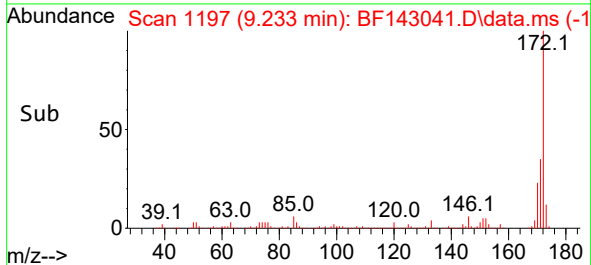
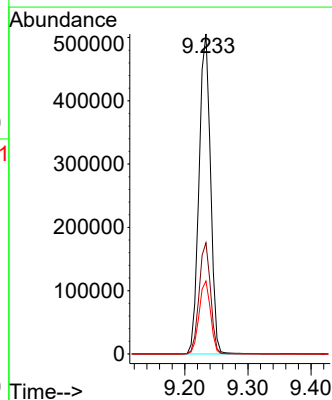
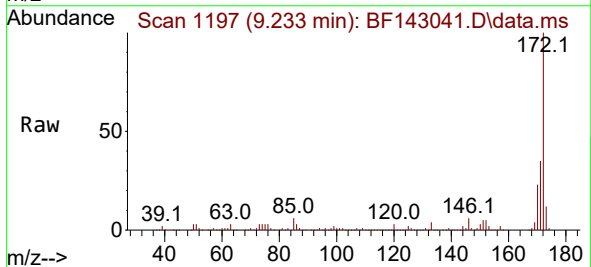
Instrument :
BNA_F
ClientSampleId :
WC-11

Tgt Ion:330 Resp: 129850
Ion Ratio Lower Upper
330 100
332 96.7 75.0 112.6
141 30.7 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 81.397 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF143041.D
Acq: 08 Jul 2025 19:10

Tgt Ion:172 Resp: 637337
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 22.8 18.5 27.7

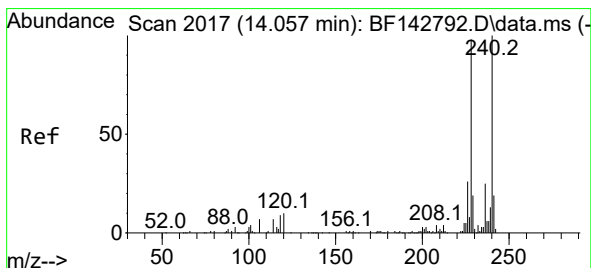
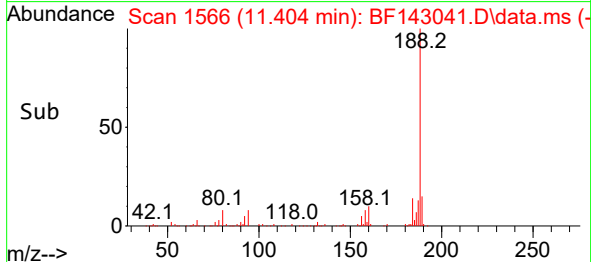
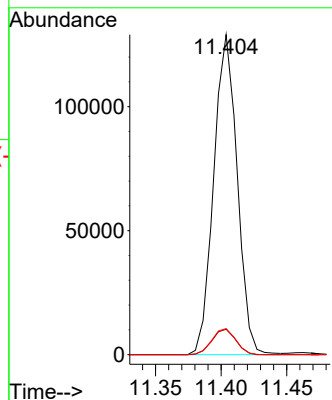
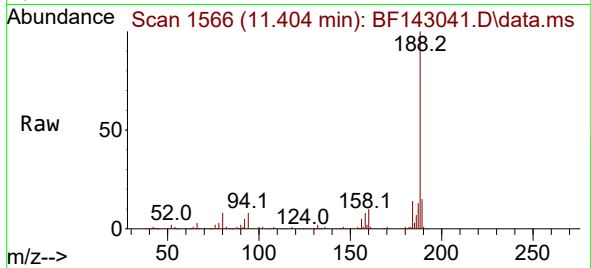




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143041.D
Acq: 08 Jul 2025 19:10

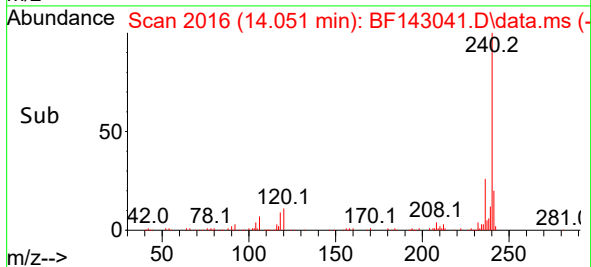
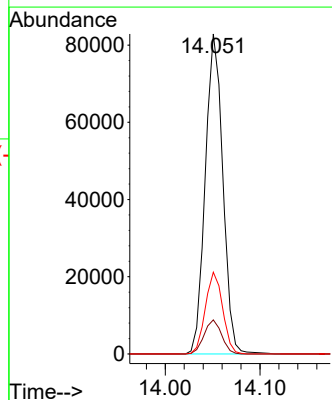
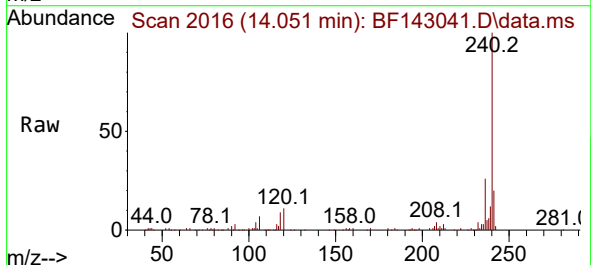
Instrument :
BNA_F
ClientSampleId :
WC-11

Tgt Ion:188 Resp: 160665
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.1 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143041.D
Acq: 08 Jul 2025 19:10

Tgt Ion:240 Resp: 106469
Ion Ratio Lower Upper
240 100
120 10.7 8.2 12.2
236 25.6 19.8 29.8

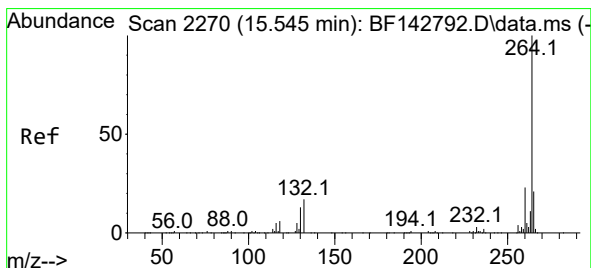
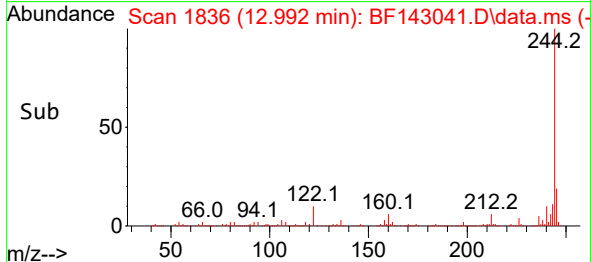
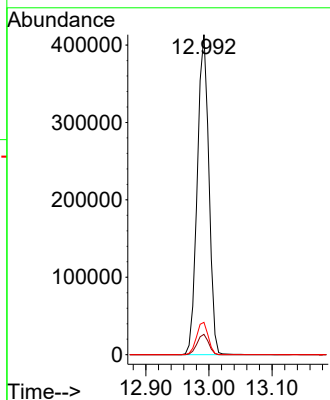
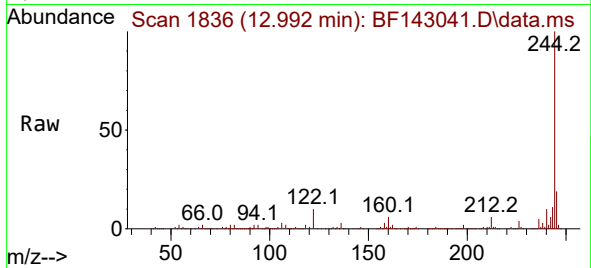




#79
 Terphenyl-d14
 Concen: 68.170 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF143041.D
 Acq: 08 Jul 2025 19:10

Instrument :
 BNA_F
 ClientSampleId :
 WC-11

Tgt Ion:244 Resp: 525293
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 10.1 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF143041.D
 Acq: 08 Jul 2025 19:10

Tgt Ion:264 Resp: 129476
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.1 27.1
 265 22.1 16.6 25.0

