

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
 Data File : BF143044.D
 Acq On : 08 Jul 2025 20:42
 Operator : RC/JU
 Sample : Q2514-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-103

Quant Time: Jul 09 01:42:10 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	56443	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	202963	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	92048	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	127469	20.000	ng	0.00
76) Chrysene-d12	14.051	240	129693	20.000	ng	0.00
86) Perylene-d12	15.545	264	142779	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	226334	66.763	ng	0.00
7) Phenol-d6	6.504	99	269543	67.391	ng	0.00
23) Nitrobenzene-d5	7.434	82	162801	43.997	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	45263	47.784	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	325778	46.494	ng	-0.02
79) Terphenyl-d14	12.986	244	269123	28.671	ng	-0.01

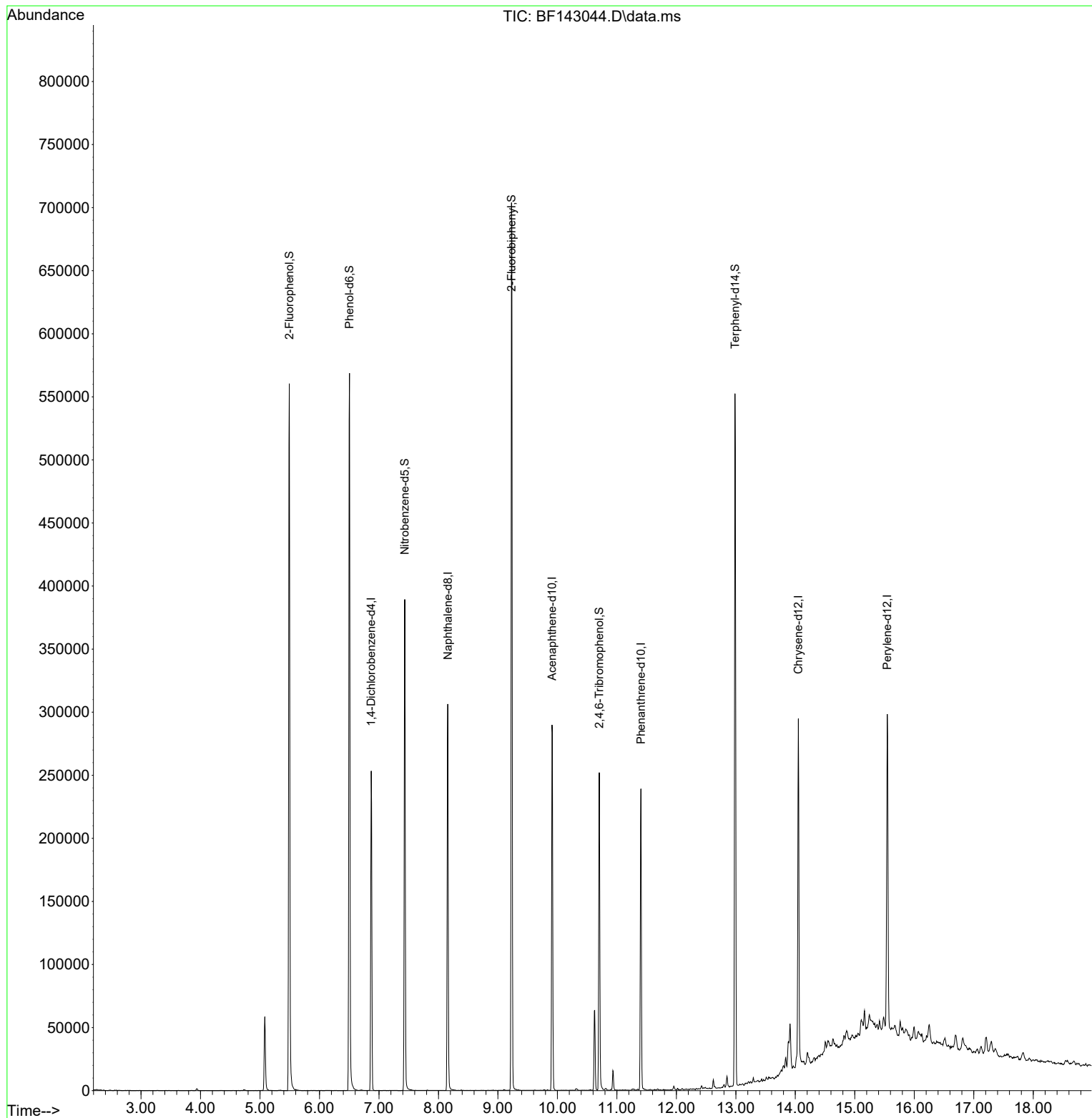
Target Compounds	Qvalue

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

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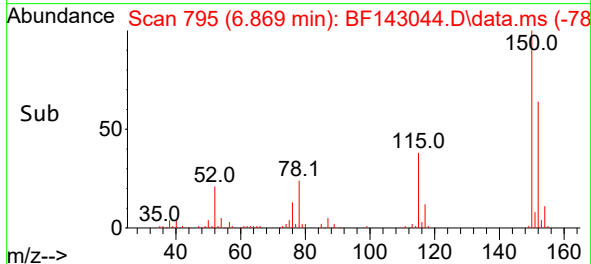
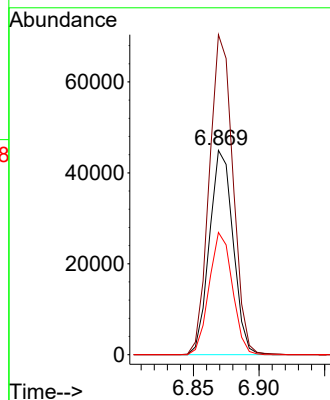
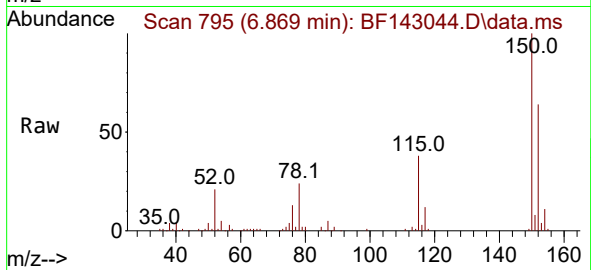




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 797
Delta R.T. -0.012 min
Lab File: BF143044.D
Acq: 08 Jul 2025 20:42

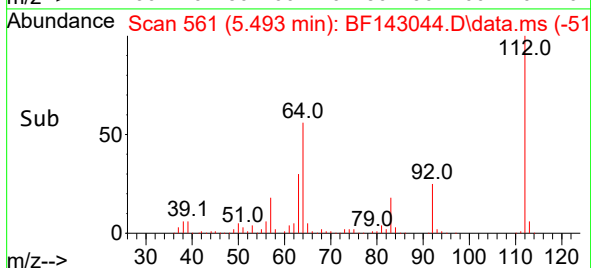
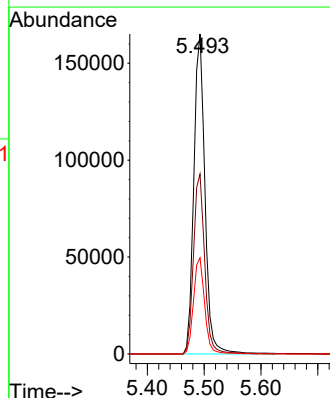
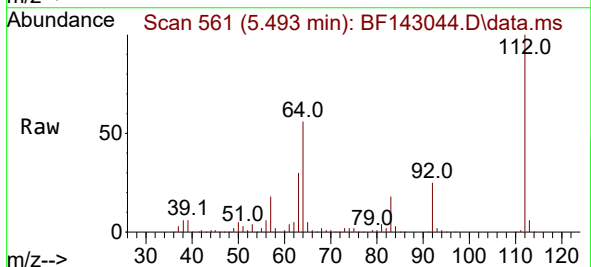
Instrument :
BNA_F
ClientSampleId :
TP-103

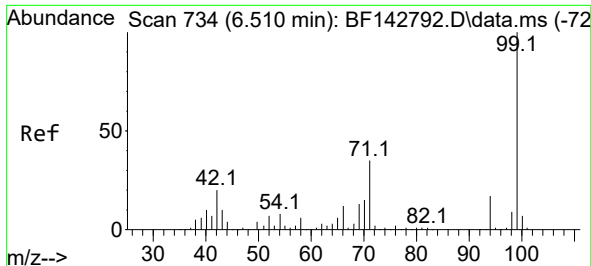
Tgt Ion:152 Resp: 56443
Ion Ratio Lower Upper
152 100
150 156.6 127.2 190.8
115 59.8 46.6 69.8



#5
2-Fluorophenol
Concen: 66.763 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.001 min
Lab File: BF143044.D
Acq: 08 Jul 2025 20:42

Tgt Ion:112 Resp: 226334
Ion Ratio Lower Upper
112 100
64 56.2 48.2 72.2
63 30.1 25.7 38.5

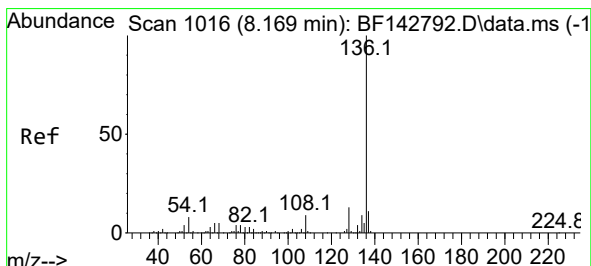
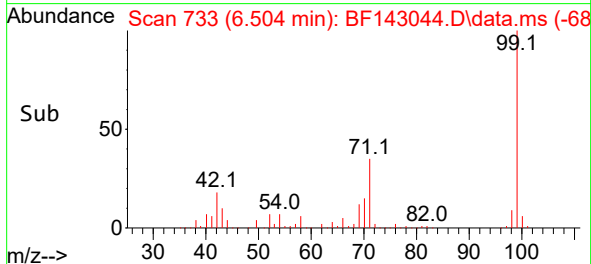
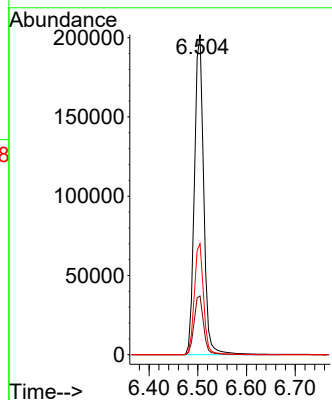
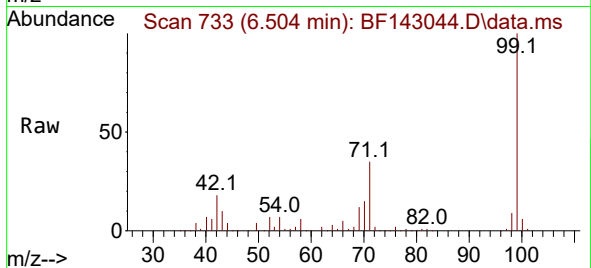




#7
Phenol-d6
Concen: 67.391 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143044.D
Acq: 08 Jul 2025 20:42

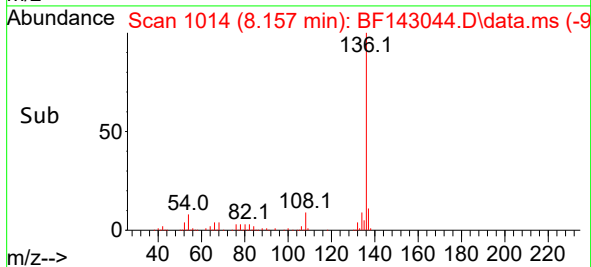
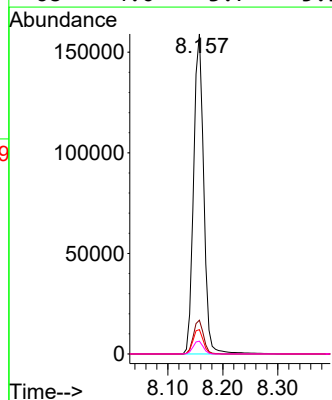
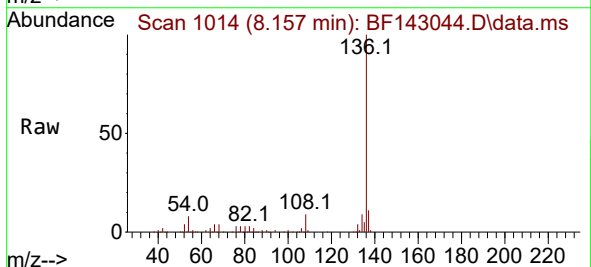
Instrument :
BNA_F
ClientSampleId :
TP-103

Tgt Ion: 99 Resp: 269543
Ion Ratio Lower Upper
99 100
42 18.3 15.9 23.9
71 34.7 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: BF143044.D
Acq: 08 Jul 2025 20:42

Tgt Ion: 136 Resp: 202963
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.6 6.3 9.5
68 4.0 3.7 5.5





#23

Nitrobenzene-d5

Concen: 43.997 ng

RT: 7.434 min Scan# 89

Delta R.T. -0.011 min

Lab File: BF143044.D

Acq: 08 Jul 2025 20:42

Instrument :

BNA_F

ClientSampleId :

TP-103

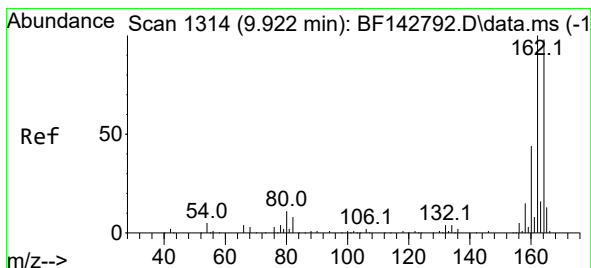
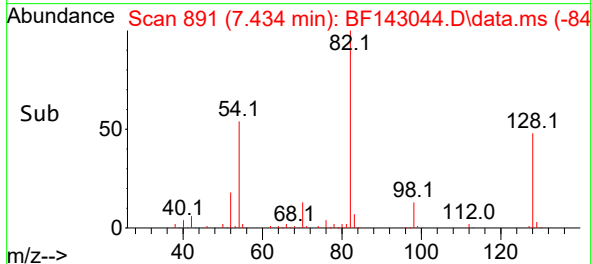
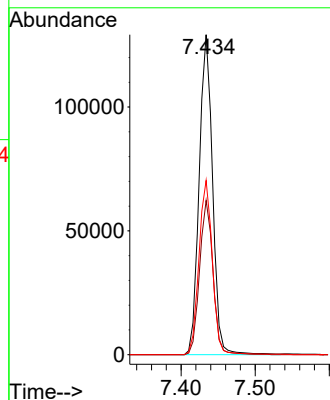
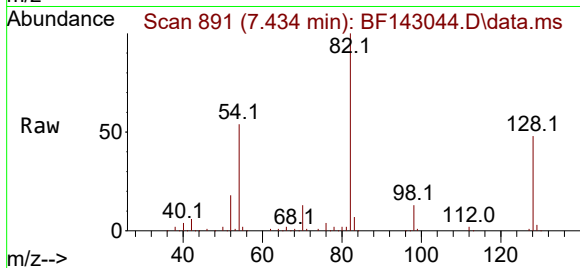
Tgt Ion: 82 Resp: 162801

Ion Ratio Lower Upper

82 100

128 48.2 37.7 56.5

54 54.4 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: BF143044.D

Acq: 08 Jul 2025 20:42

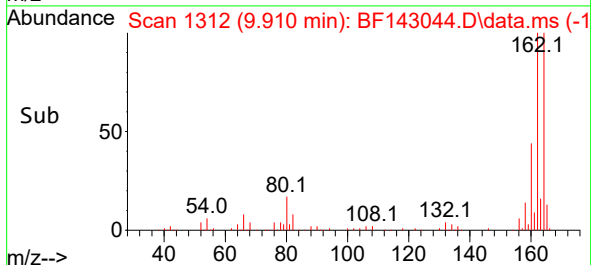
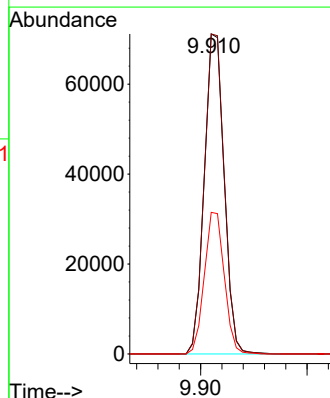
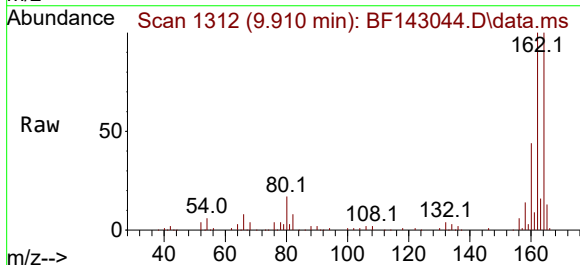
Tgt Ion:164 Resp: 92048

Ion Ratio Lower Upper

164 100

162 100.0 81.8 122.8

160 44.3 36.0 54.0

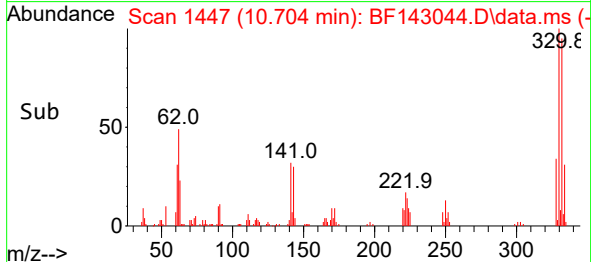
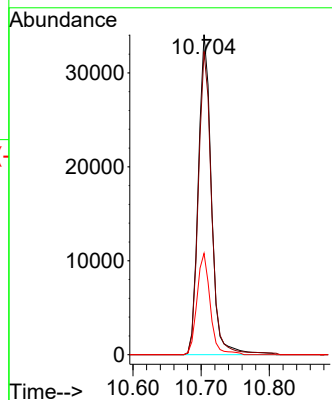
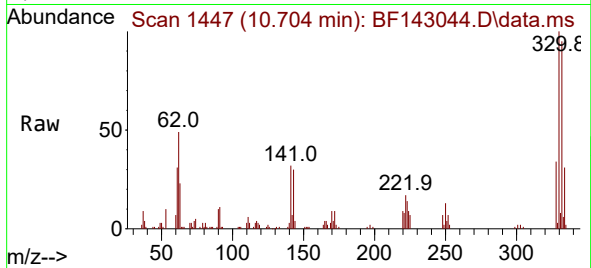




#42
 2,4,6-Tribromophenol
 Concen: 47.784 ng
 RT: 10.704 min Scan# 1447
 Delta R.T. -0.012 min
 Lab File: BF143044.D
 Acq: 08 Jul 2025 20:42

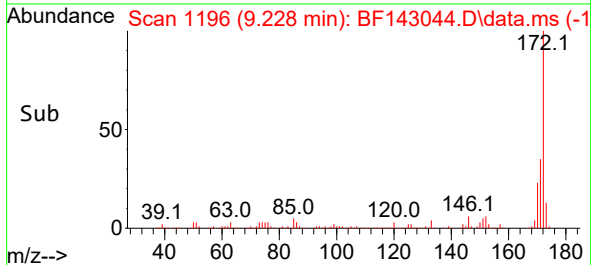
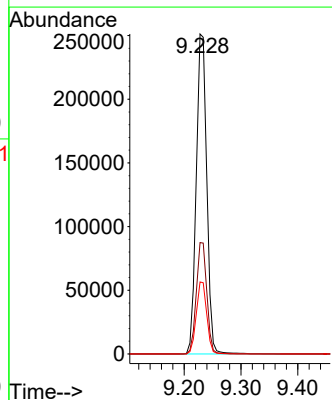
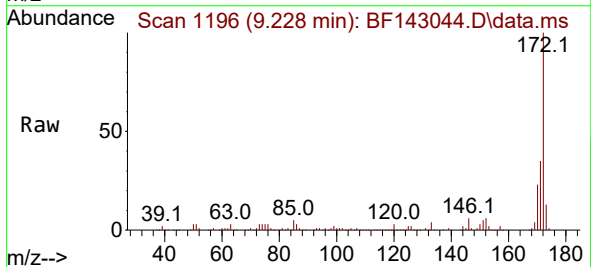
Instrument :
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 ClientSampleId :
 TP-103

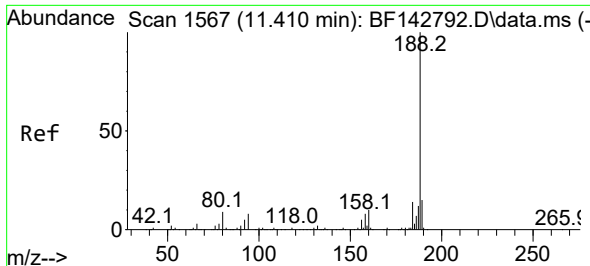
Tgt Ion:330 Resp: 45263
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.0 112.6
 141 31.7 25.3 37.9



#45
 2-Fluorobiphenyl
 Concen: 46.494 ng
 RT: 9.228 min Scan# 1196
 Delta R.T. -0.017 min
 Lab File: BF143044.D
 Acq: 08 Jul 2025 20:42

Tgt Ion:172 Resp: 325778
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.2 42.4
 170 22.5 18.5 27.7

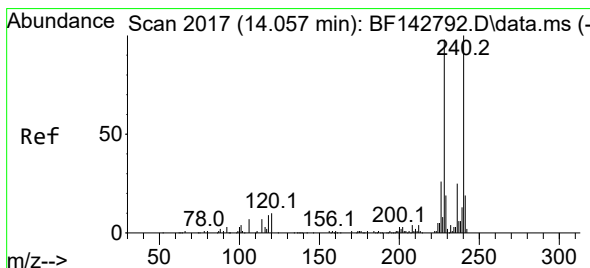
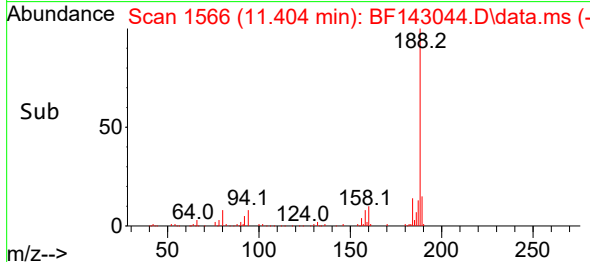
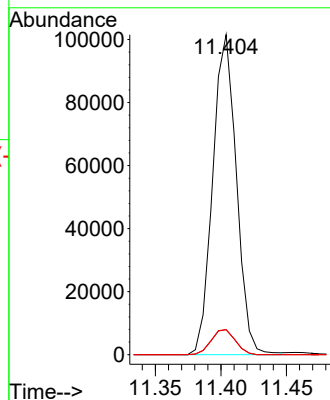
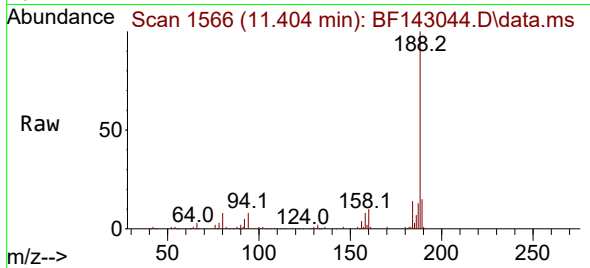




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143044.D
Acq: 08 Jul 2025 20:42

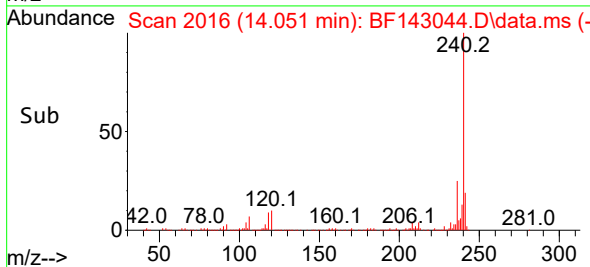
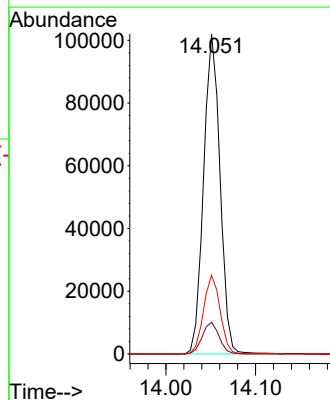
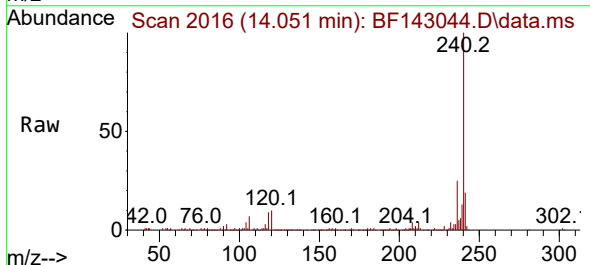
Instrument :
BNA_F
ClientSampleId :
TP-103

Tgt Ion:188 Resp: 127469
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 7.9 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: BF143044.D
Acq: 08 Jul 2025 20:42

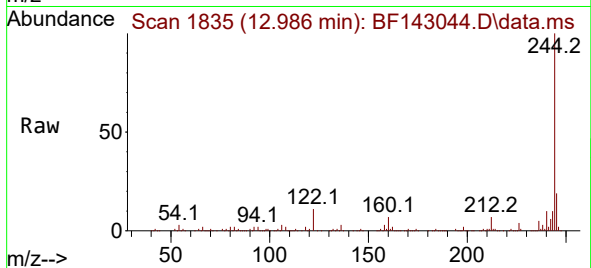
Tgt Ion:240 Resp: 129693
Ion Ratio Lower Upper
240 100
120 9.9 8.2 12.2
236 24.6 19.8 29.8



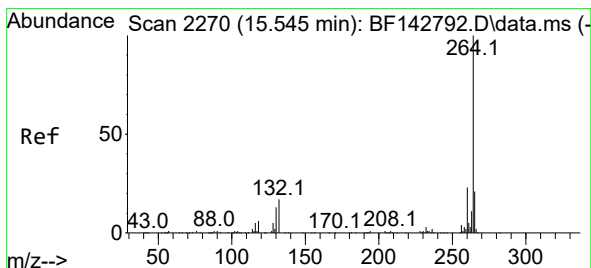
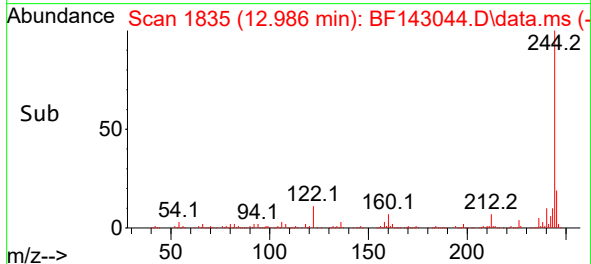
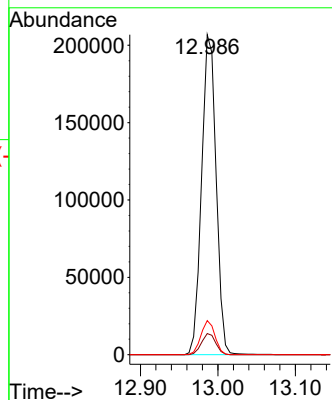


#79
 Terphenyl-d14
 Concen: 28.671 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF143044.D
 Acq: 08 Jul 2025 20:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-103



Tgt Ion:244 Resp: 269123
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.7 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: BF143044.D
 Acq: 08 Jul 2025 20:42

Tgt Ion:264 Resp: 142779
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.1 27.1
 265 21.9 16.6 25.0

