

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
 Data File : BF143760.D
 Acq On : 15 Sep 2025 19:27
 Operator : RC/JU
 Sample : Q3082-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-31

Quant Time: Sep 16 01:09:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	15919	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	61150	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	33392	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	56868	20.000	ng	0.01
76) Chrysene-d12	14.062	240	38752	20.000	ng	0.02
86) Perylene-d12	15.545	264	25248	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	145180	155.599	ng	0.02
7) Phenol-d6	6.516	99	168435	148.261	ng	0.01
23) Nitrobenzene-d5	7.451	82	110136	112.028	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	57849	171.905	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	236810	107.130	ng	0.00
79) Terphenyl-d14	13.015	244	250069	104.573	ng	0.02

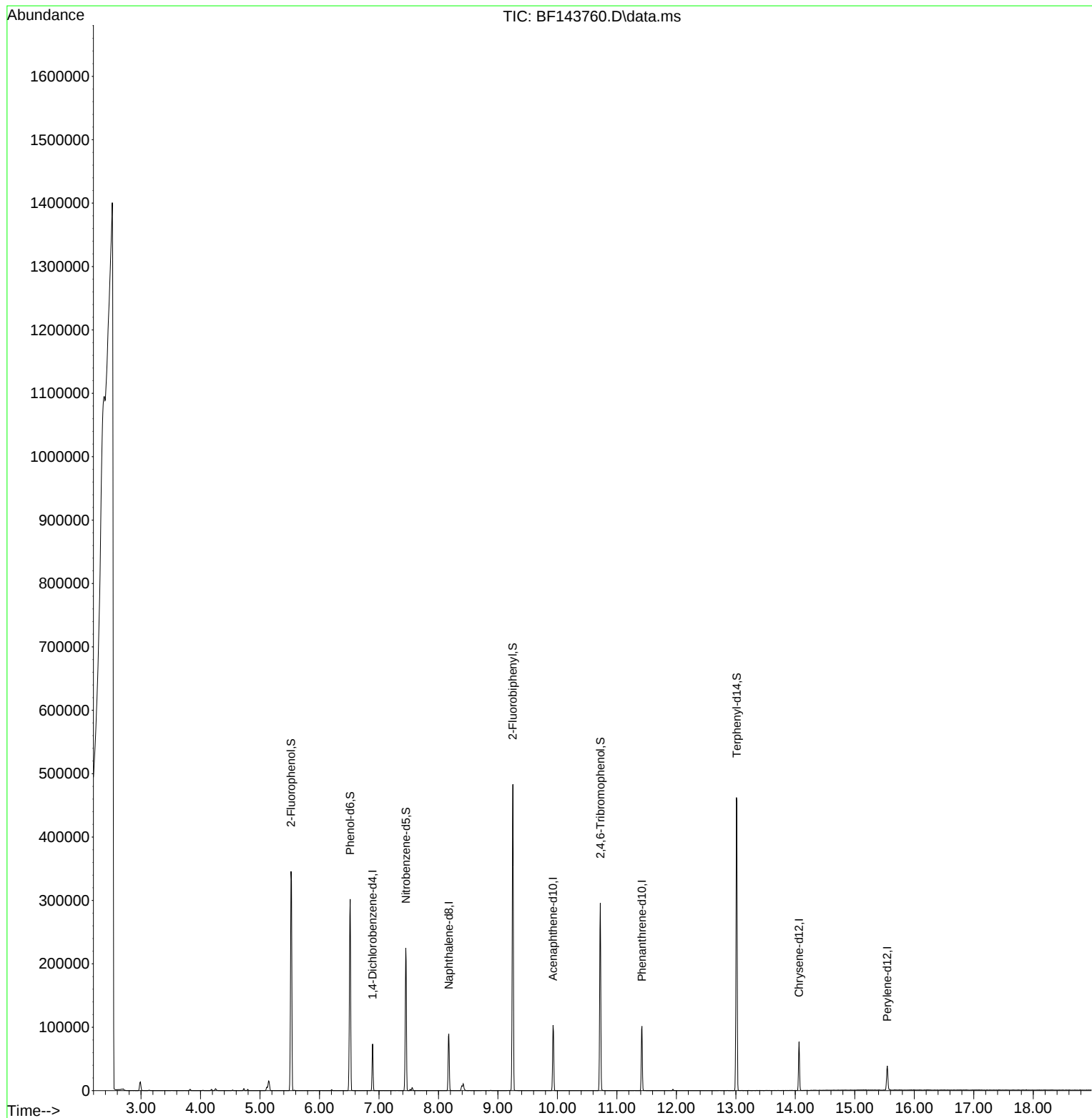
Target Compounds	Qvalue

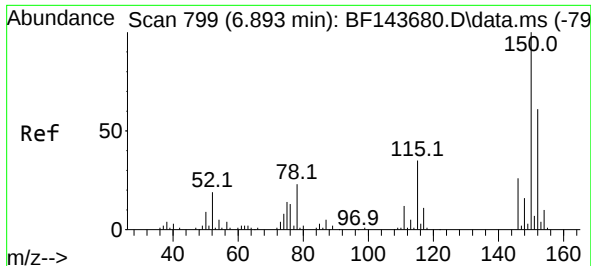
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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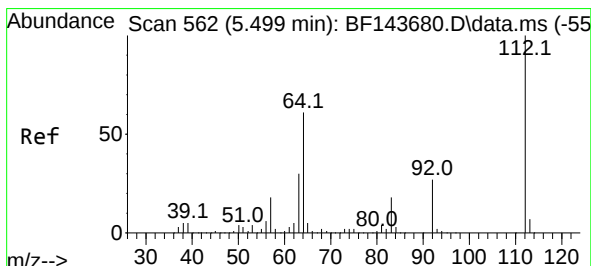
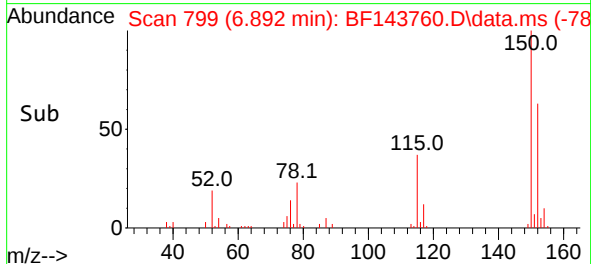
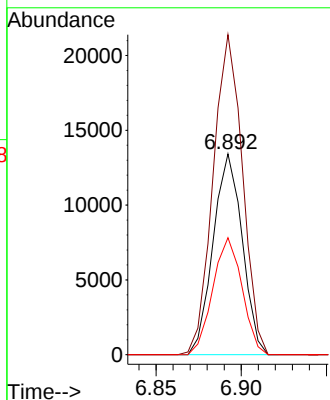
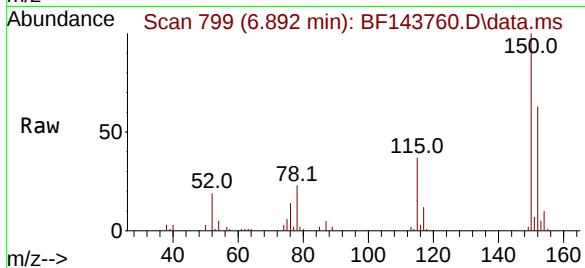




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. -0.001 min
 Lab File: BF143760.D
 Acq: 15 Sep 2025 19:27

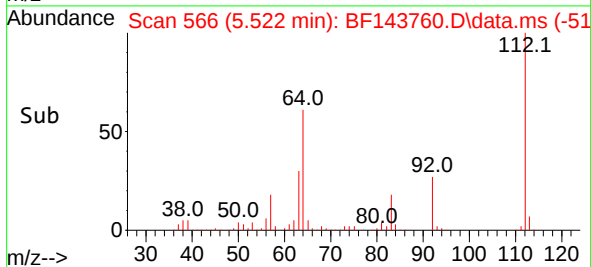
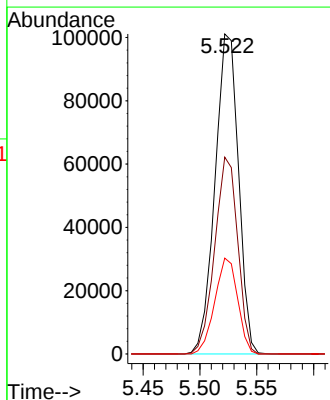
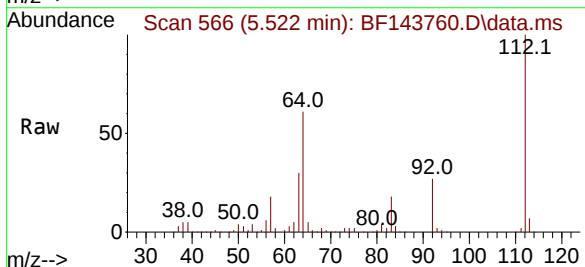
Instrument :
 BNA_F
 ClientSampleId :
 WC-31

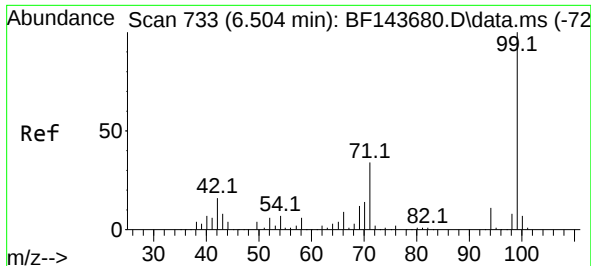
Tgt Ion:152 Resp: 15919
 Ion Ratio Lower Upper
 152 100
 150 159.3 130.7 196.1
 115 58.2 45.9 68.9



#5
 2-Fluorophenol
 Concen: 155.599 ng
 RT: 5.522 min Scan# 566
 Delta R.T. 0.023 min
 Lab File: BF143760.D
 Acq: 15 Sep 2025 19:27

Tgt Ion:112 Resp: 145180
 Ion Ratio Lower Upper
 112 100
 64 61.5 49.0 73.4
 63 29.9 24.3 36.5

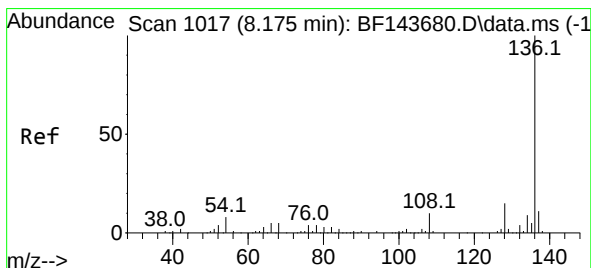
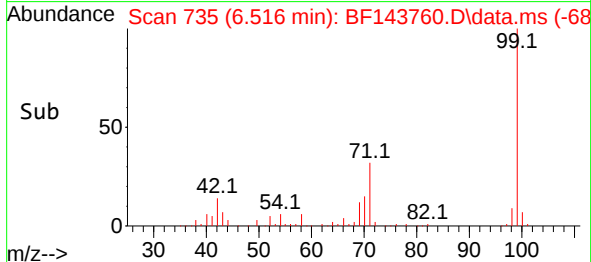
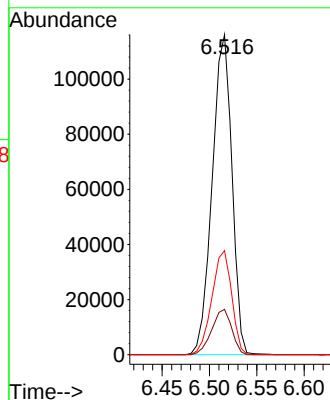
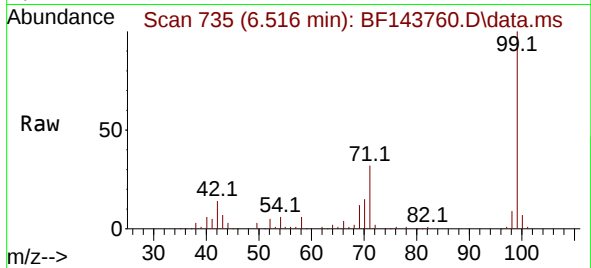




#7
Phenol-d6
Concen: 148.261 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.011 min
Lab File: BF143760.D
Acq: 15 Sep 2025 19:27

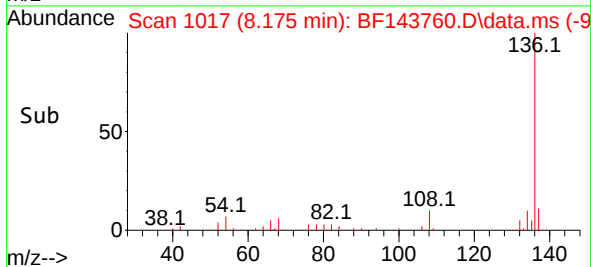
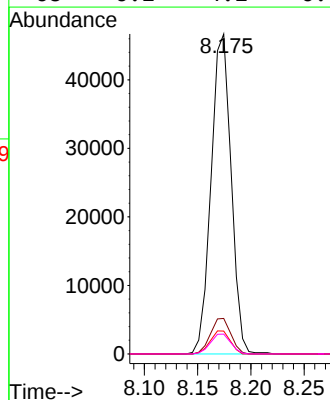
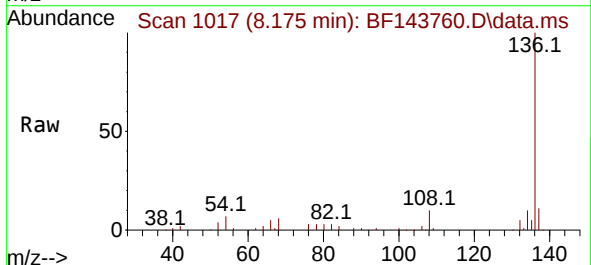
Instrument :
BNA_F
ClientSampleId :
WC-31

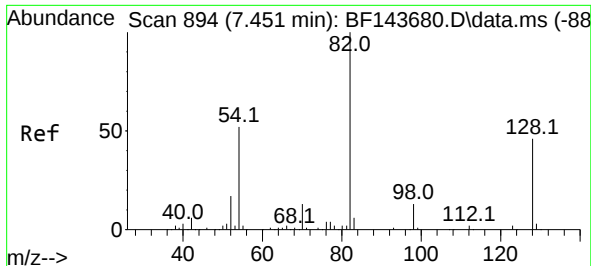
Tgt Ion: 99 Resp: 168435
Ion Ratio Lower Upper
99 100
42 14.2 13.0 19.4
71 32.5 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143760.D
Acq: 15 Sep 2025 19:27

Tgt Ion: 136 Resp: 61150
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.1 6.2 9.2
68 6.2 4.2 6.4





#23

Nitrobenzene-d5

Concen: 112.028 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF143760.D

Acq: 15 Sep 2025 19:27

Instrument :

BNA_F

ClientSampleId :

WC-31

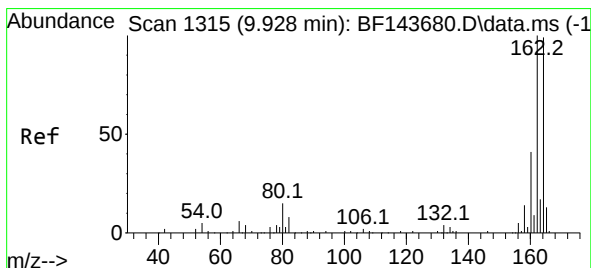
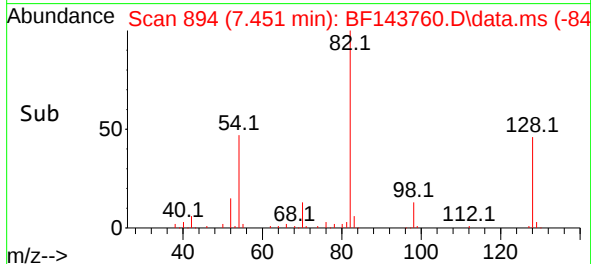
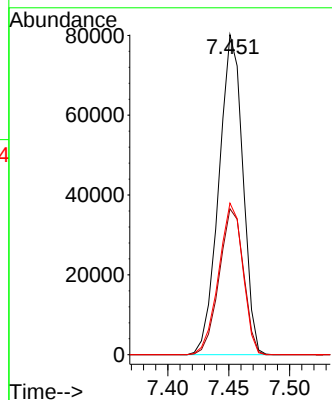
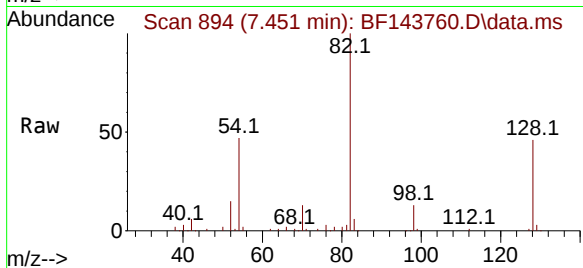
Tgt Ion: 82 Resp: 110136

Ion Ratio Lower Upper

82 100

128 45.6 37.0 55.4

54 47.3 41.8 62.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1315

Delta R.T. -0.000 min

Lab File: BF143760.D

Acq: 15 Sep 2025 19:27

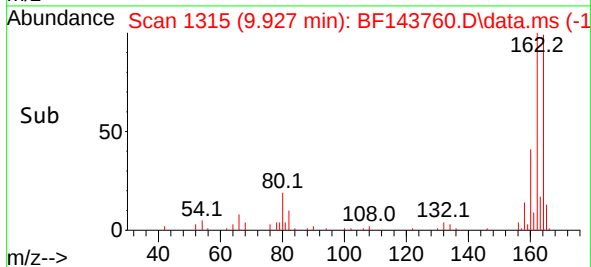
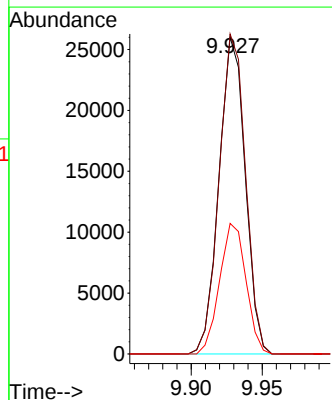
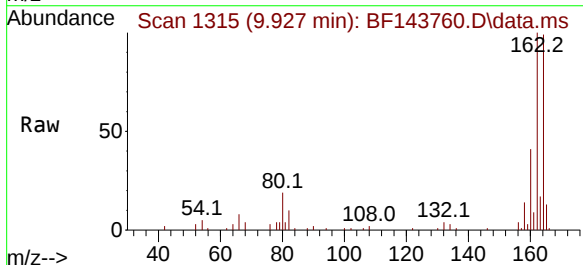
Tgt Ion:164 Resp: 33392

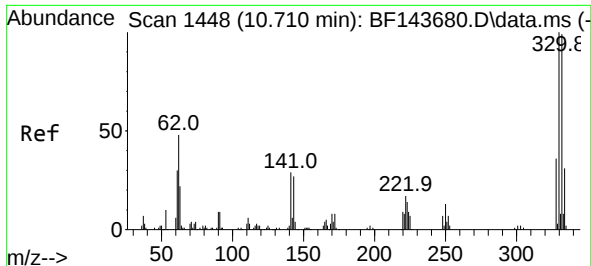
Ion Ratio Lower Upper

164 100

162 101.0 80.6 121.0

160 41.2 33.0 49.4





#42

2,4,6-Tribromophenol

Concen: 171.905 ng

RT: 10.721 min Scan# 1448

Delta R.T. 0.011 min

Lab File: BF143760.D

Acq: 15 Sep 2025 19:27

Instrument :

BNA_F

ClientSampleId :

WC-31

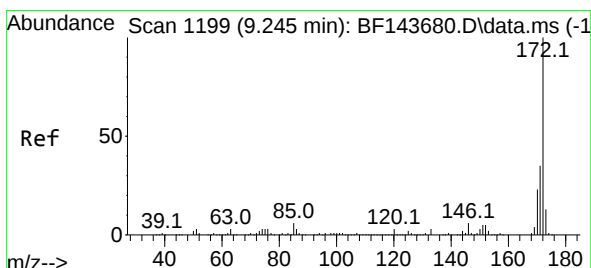
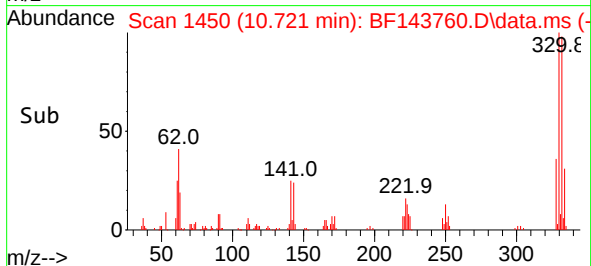
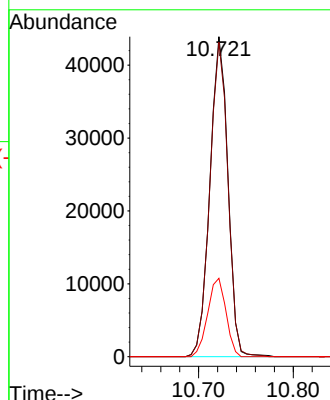
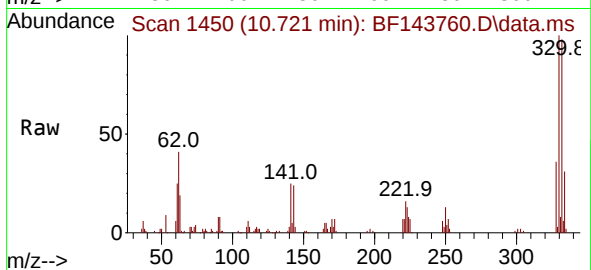
Tgt Ion:330 Resp: 57849

Ion Ratio Lower Upper

330 100

332 98.6 79.2 118.8

141 24.9 22.2 33.4



#45

2-Fluorobiphenyl

Concen: 107.130 ng

RT: 9.251 min Scan# 1200

Delta R.T. 0.005 min

Lab File: BF143760.D

Acq: 15 Sep 2025 19:27

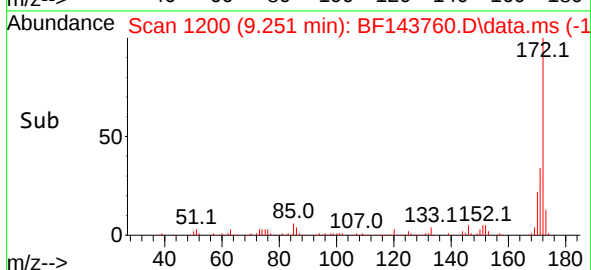
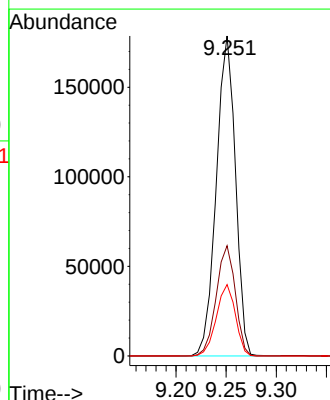
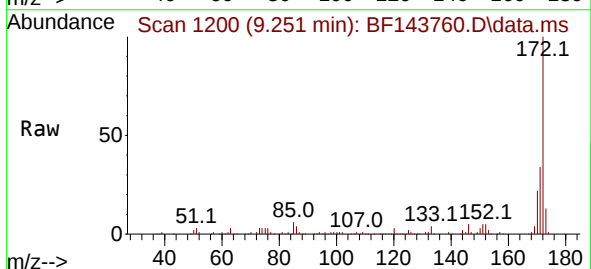
Tgt Ion:172 Resp: 236810

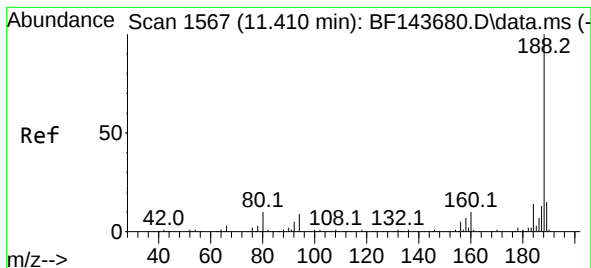
Ion Ratio Lower Upper

172 100

171 34.5 27.9 41.9

170 22.3 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.421 min Scan# 1

Delta R.T. 0.011 min

Lab File: BF143760.D

Acq: 15 Sep 2025 19:27

Instrument :

BNA_F

ClientSampleId :

WC-31

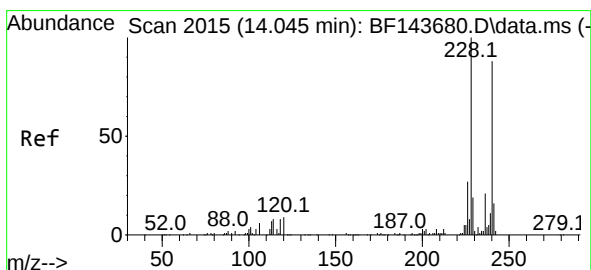
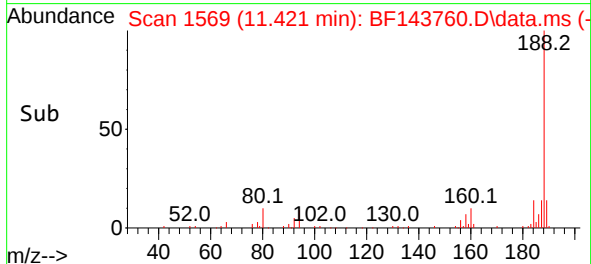
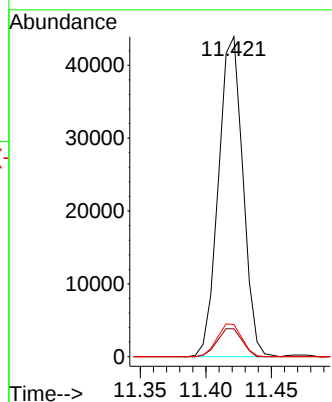
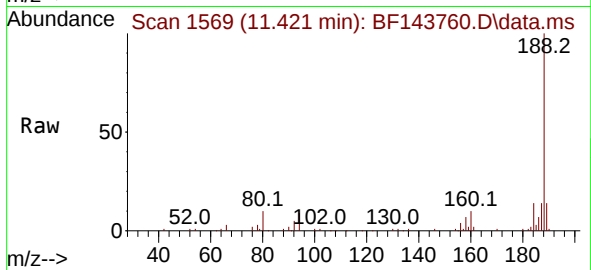
Tgt Ion:188 Resp: 56868

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.0

80 10.0 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 2018

Delta R.T. 0.017 min

Lab File: BF143760.D

Acq: 15 Sep 2025 19:27

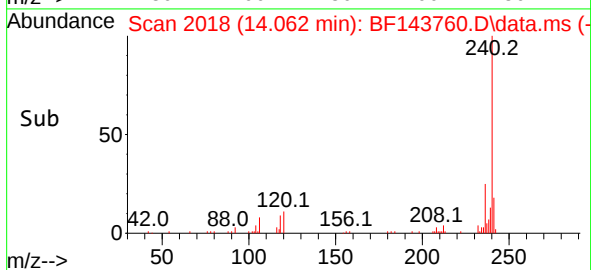
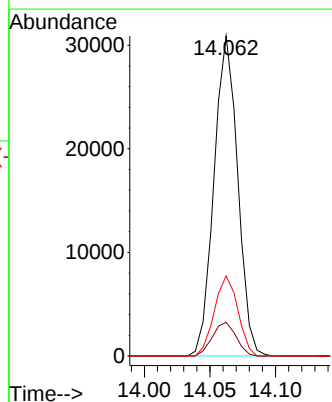
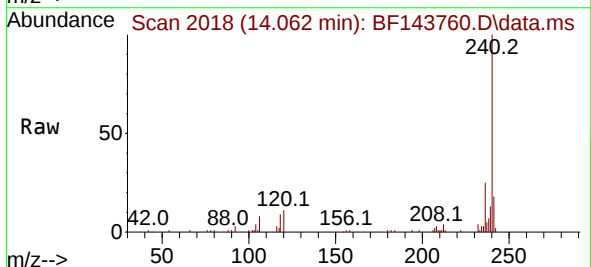
Tgt Ion:240 Resp: 38752

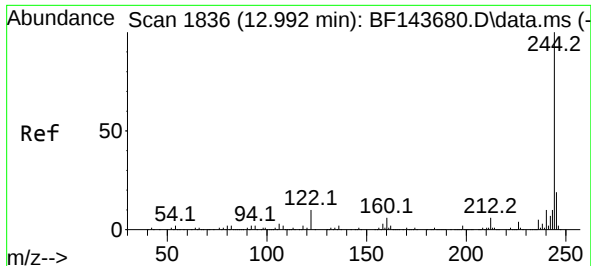
Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

236 25.0 18.6 28.0

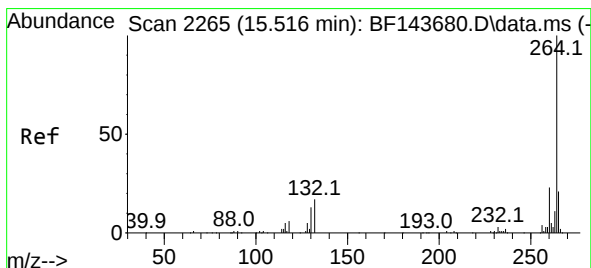
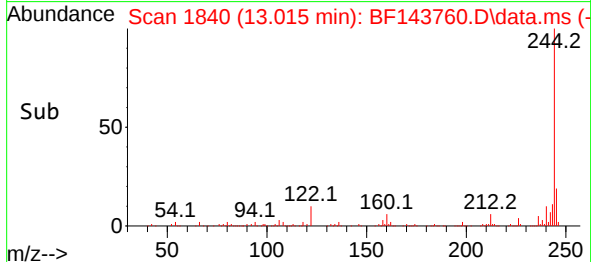
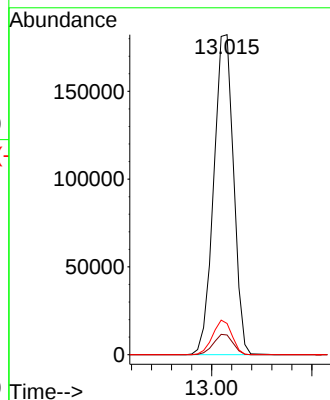
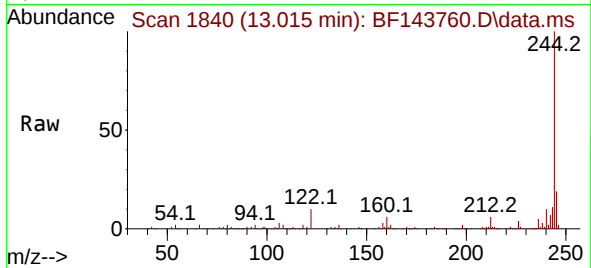




#79
 Terphenyl-d14
 Concen: 104.573 ng
 RT: 13.015 min Scan# 11
 Delta R.T. 0.023 min
 Lab File: BF143760.D
 Acq: 15 Sep 2025 19:27

Instrument :
 BNA_F
 ClientSampleId :
 WC-31

Tgt Ion:244 Resp: 250069
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.6
 122 9.8 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. 0.029 min
 Lab File: BF143760.D
 Acq: 15 Sep 2025 19:27

Tgt Ion:264 Resp: 25248
 Ion Ratio Lower Upper
 264 100
 260 21.4 18.4 27.6
 265 21.3 17.1 25.7

