

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
 Data File : BF143762.D
 Acq On : 15 Sep 2025 20:26
 Operator : RC/JU
 Sample : Q3082-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-33

Quant Time: Sep 16 01:10:08 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	6.893	152	15993	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	57356	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	32849	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	53724	20.000	ng	0.01
76) Chrysene-d12	14.063	240	40216	20.000	ng	0.02
86) Perylene-d12	15.545	264	25943	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	142819	152.360	ng	0.03
7) Phenol-d6	6.516	99	163625	143.361	ng	0.01
23) Nitrobenzene-d5	7.451	82	103806	112.574	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	55151	166.597	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	226153	104.000	ng	0.00
79) Terphenyl-d14	13.010	244	247634	99.785	ng	0.02

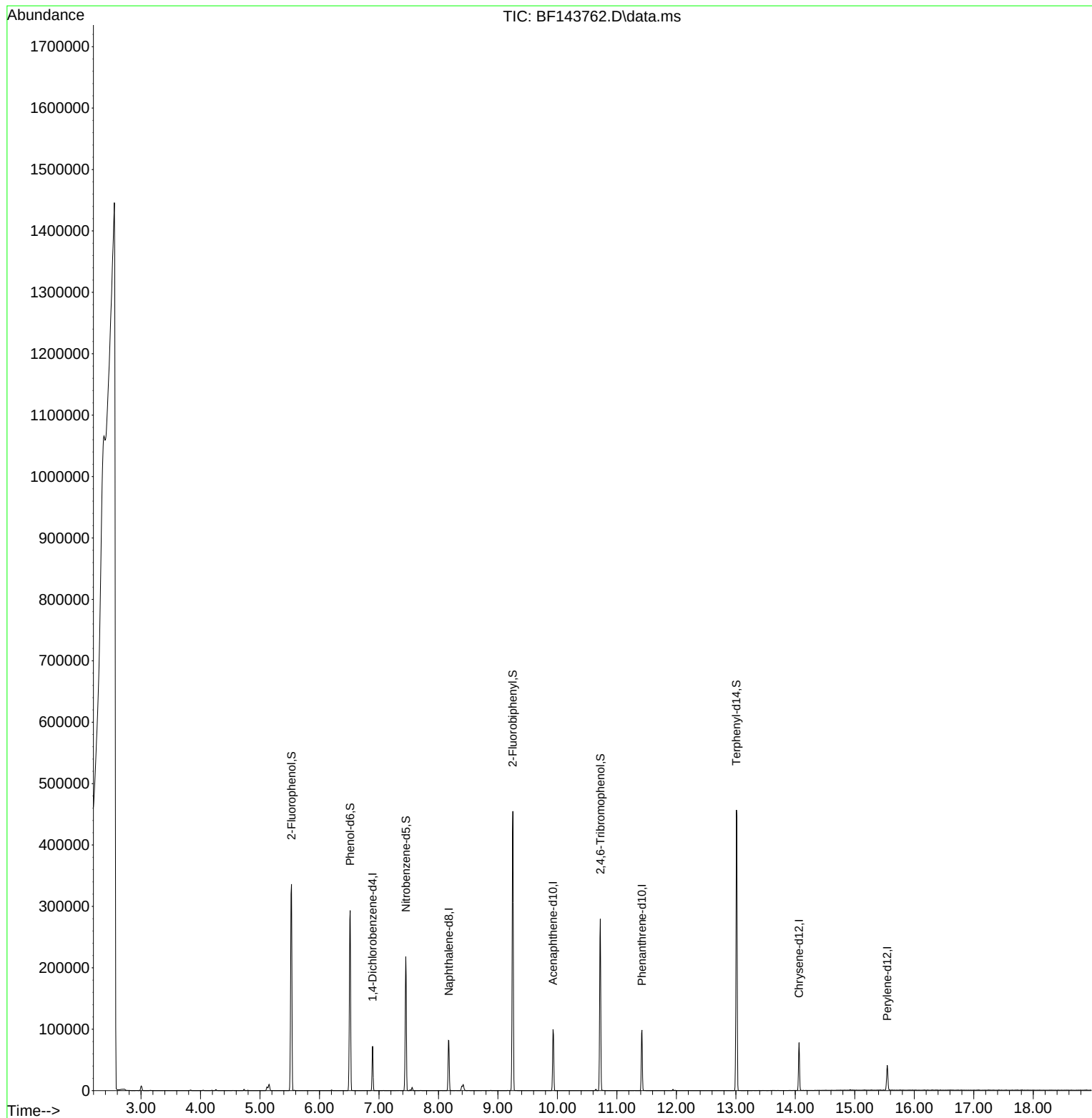
Target Compounds	Qvalue

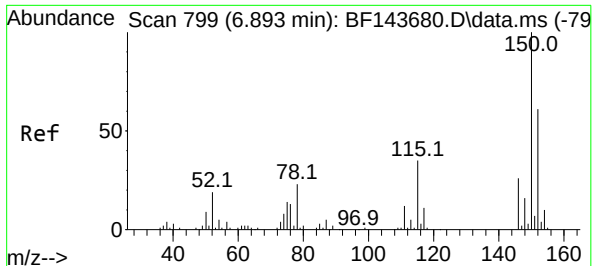
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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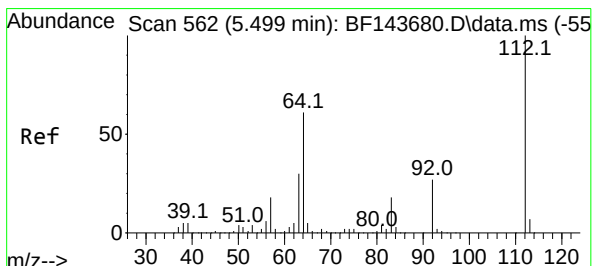
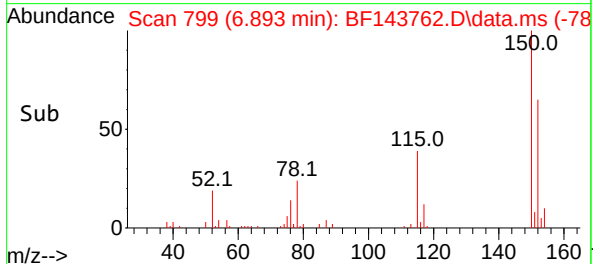
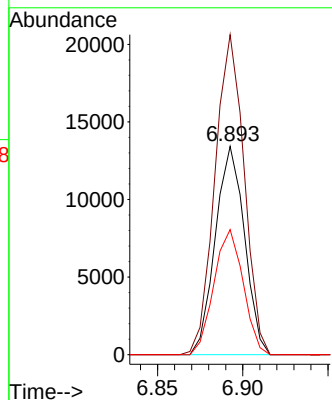
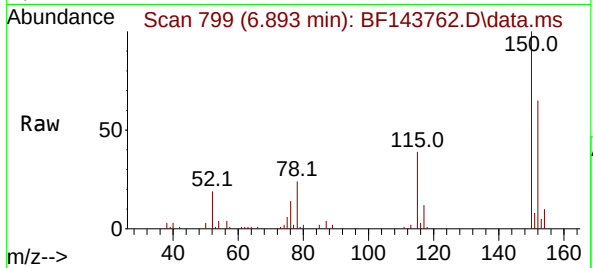




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF143762.D
Acq: 15 Sep 2025 20:26

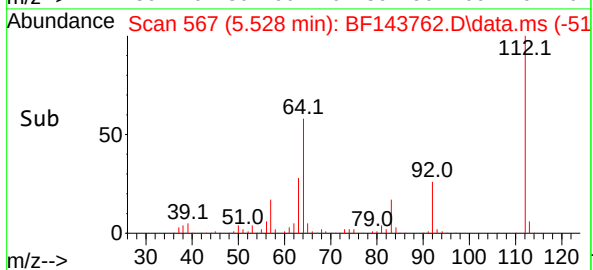
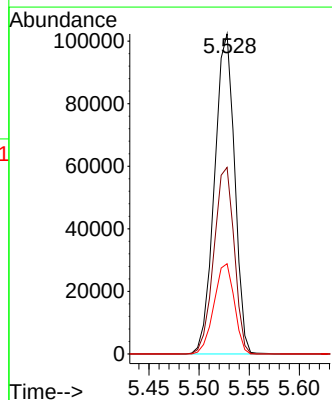
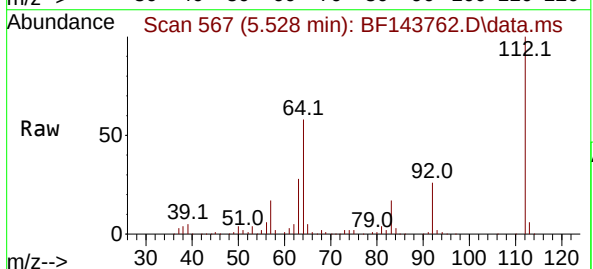
Instrument :
BNA_F
ClientSampleId :
WC-33

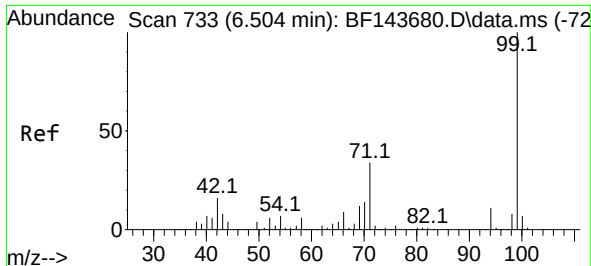
Tgt Ion:152 Resp: 15993
Ion Ratio Lower Upper
152 100
150 153.6 130.7 196.1
115 60.0 45.9 68.9



#5
2-Fluorophenol
Concen: 152.360 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.029 min
Lab File: BF143762.D
Acq: 15 Sep 2025 20:26

Tgt Ion:112 Resp: 142819
Ion Ratio Lower Upper
112 100
64 58.3 49.0 73.4
63 28.2 24.3 36.5

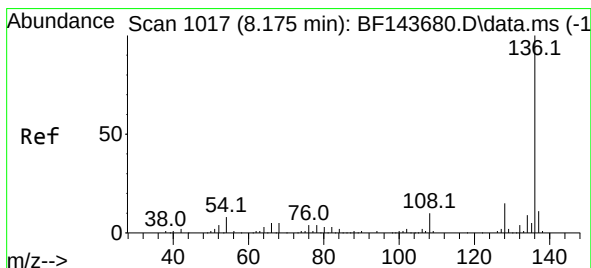
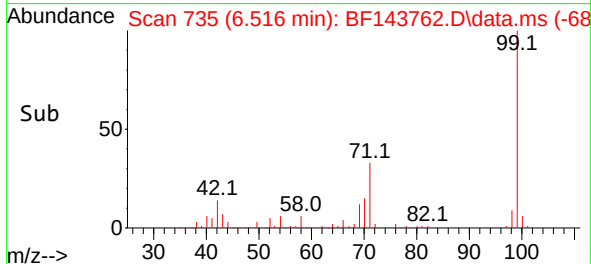
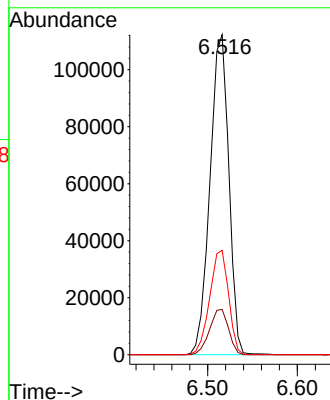
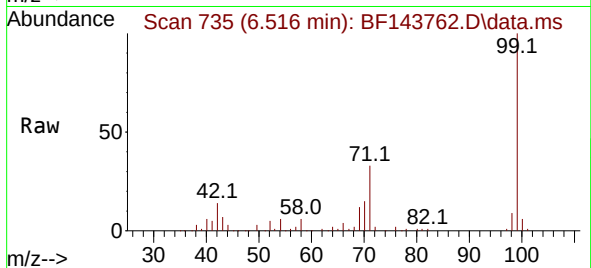




#7
Phenol-d6
Concen: 143.361 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF143762.D
Acq: 15 Sep 2025 20:26

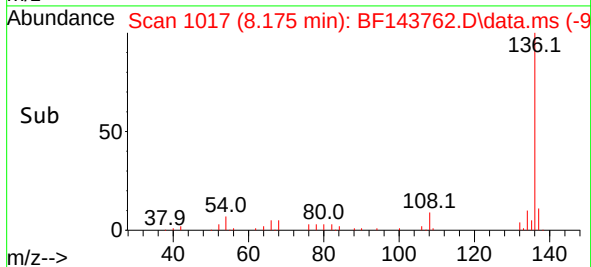
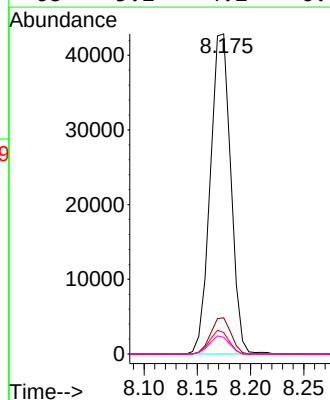
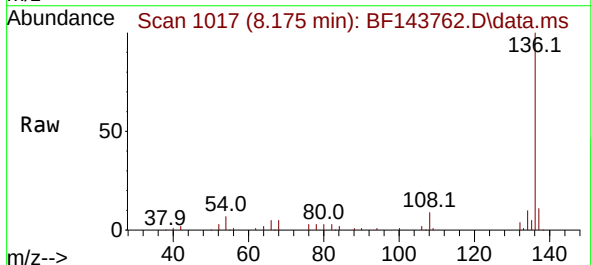
Instrument :
BNA_F
ClientSampleId :
WC-33

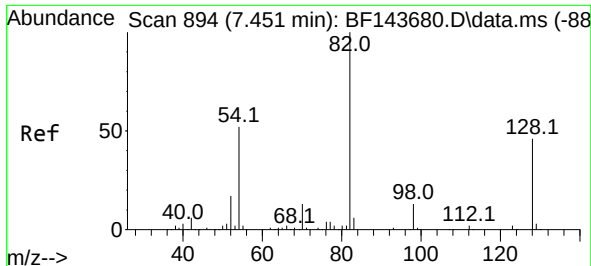
Tgt Ion: 99 Resp: 163625
Ion Ratio Lower Upper
99 100
42 14.2 13.0 19.4
71 32.6 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143762.D
Acq: 15 Sep 2025 20:26

Tgt Ion: 136 Resp: 57356
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 6.7 6.2 9.2
68 5.2 4.2 6.4





#23

Nitrobenzene-d5

Concen: 112.574 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF143762.D

Acq: 15 Sep 2025 20:26

Instrument :

BNA_F

ClientSampleId :

WC-33

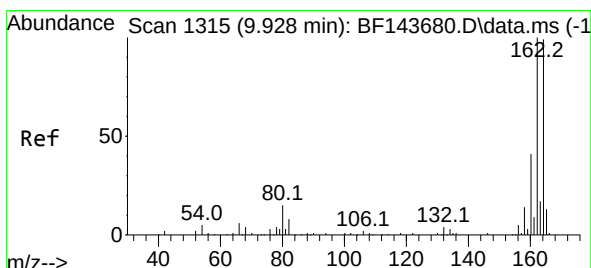
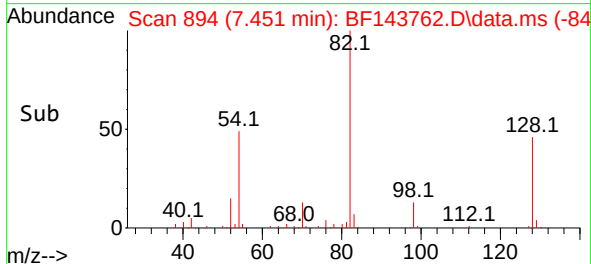
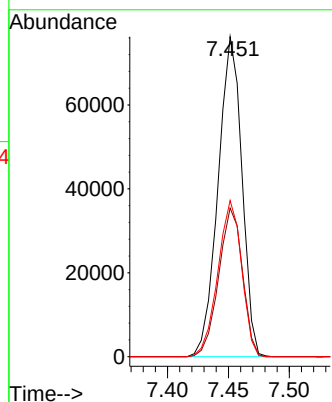
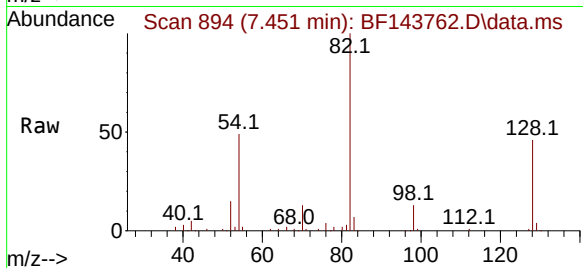
Tgt Ion: 82 Resp: 103806

Ion Ratio Lower Upper

82 100

128 46.4 37.0 55.4

54 48.8 41.8 62.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1315

Delta R.T. -0.000 min

Lab File: BF143762.D

Acq: 15 Sep 2025 20:26

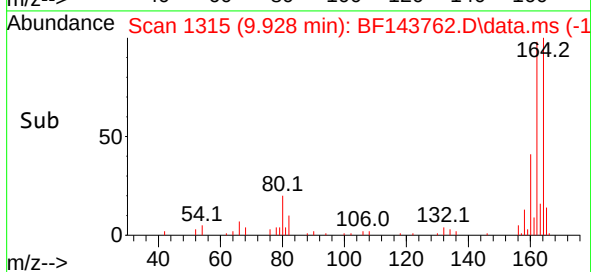
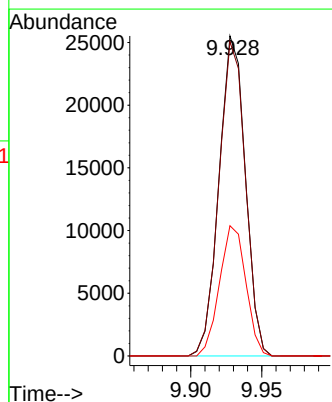
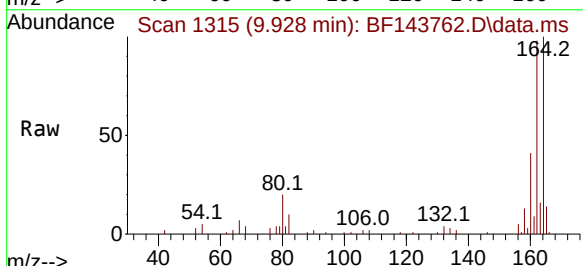
Tgt Ion:164 Resp: 32849

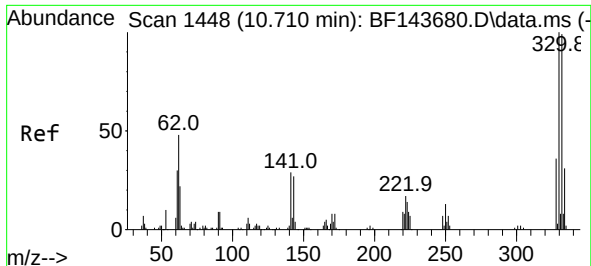
Ion Ratio Lower Upper

164 100

162 98.2 80.6 121.0

160 40.7 33.0 49.4





#42

2,4,6-Tribromophenol

Concen: 166.597 ng

RT: 10.722 min Scan# 1448

Delta R.T. 0.012 min

Lab File: BF143762.D

Acq: 15 Sep 2025 20:26

Instrument :

BNA_F

ClientSampleId :

WC-33

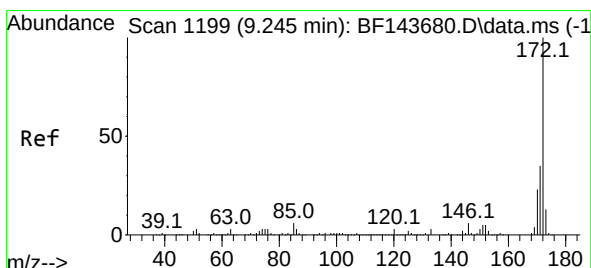
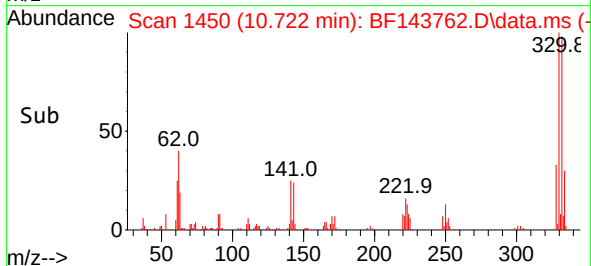
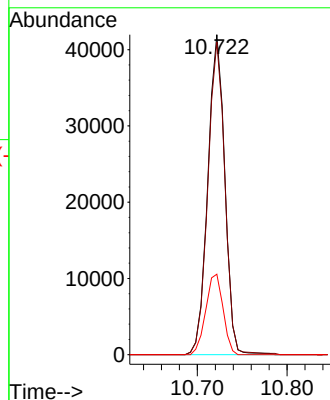
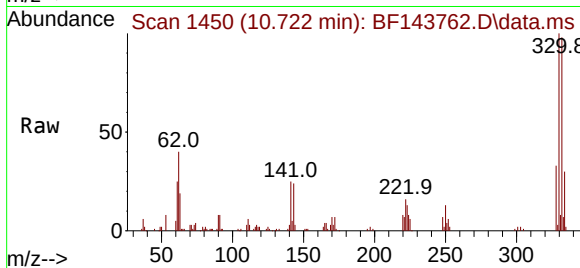
Tgt Ion:330 Resp: 55151

Ion Ratio Lower Upper

330 100

332 98.0 79.2 118.8

141 25.6 22.2 33.4



#45

2-Fluorobiphenyl

Concen: 104.000 ng

RT: 9.251 min Scan# 1200

Delta R.T. 0.006 min

Lab File: BF143762.D

Acq: 15 Sep 2025 20:26

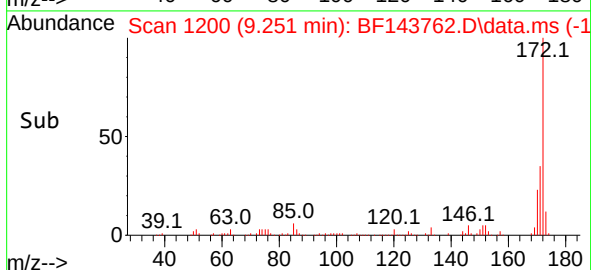
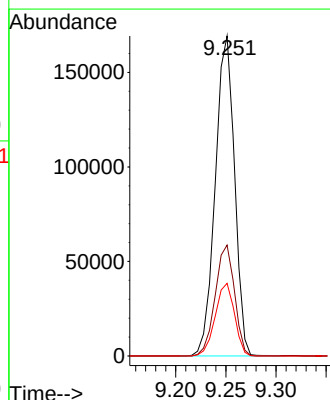
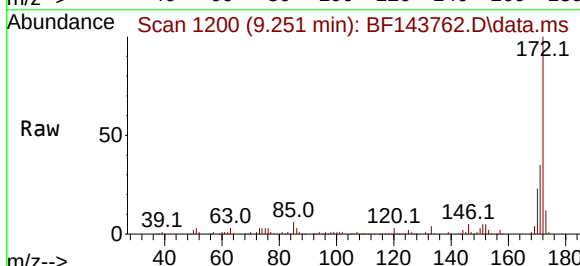
Tgt Ion:172 Resp: 226153

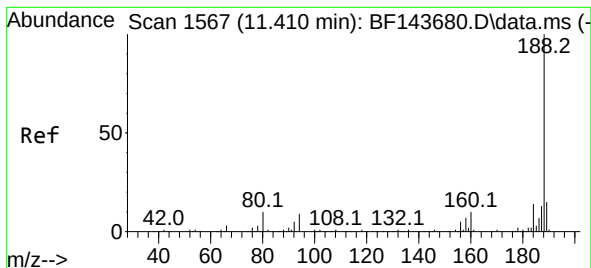
Ion Ratio Lower Upper

172 100

171 34.6 27.9 41.9

170 22.7 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF143762.D

Acq: 15 Sep 2025 20:26

Instrument :

BNA_F

ClientSampleId :

WC-33

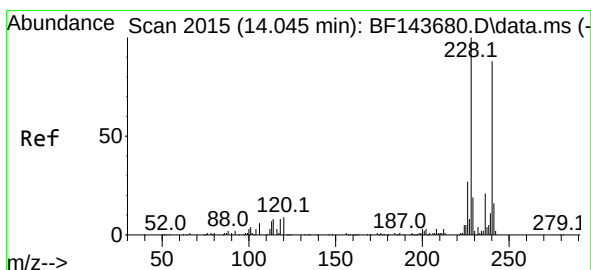
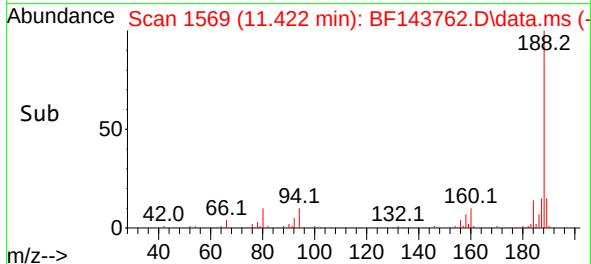
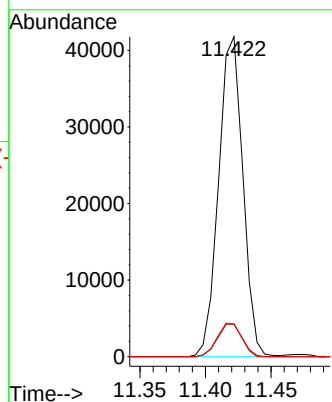
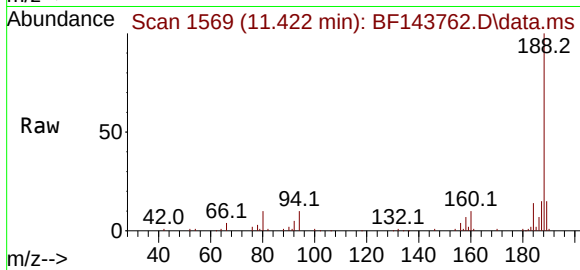
Tgt Ion:188 Resp: 53724

Ion Ratio Lower Upper

188 100

94 10.2 7.4 11.0

80 10.3 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. 0.018 min

Lab File: BF143762.D

Acq: 15 Sep 2025 20:26

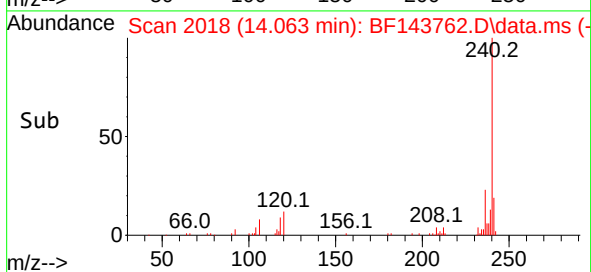
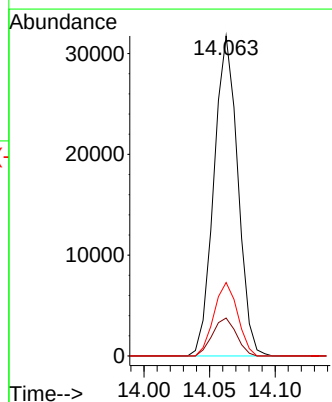
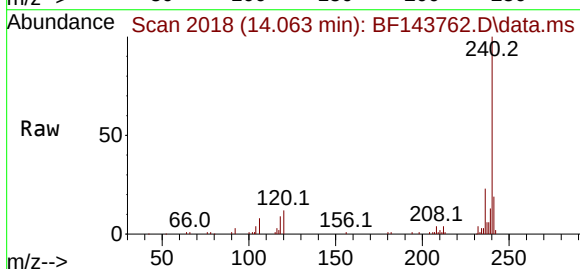
Tgt Ion:240 Resp: 40216

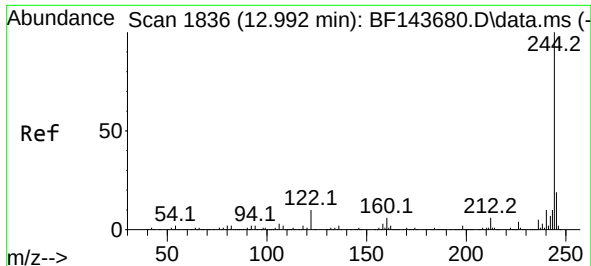
Ion Ratio Lower Upper

240 100

120 11.8 8.4 12.6

236 22.9 18.6 28.0

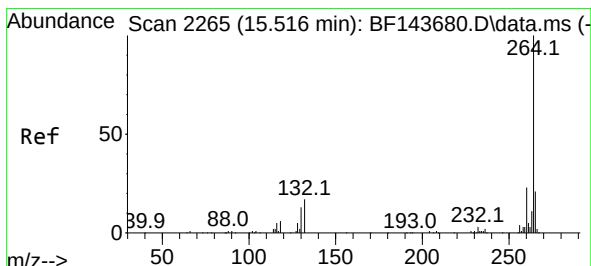
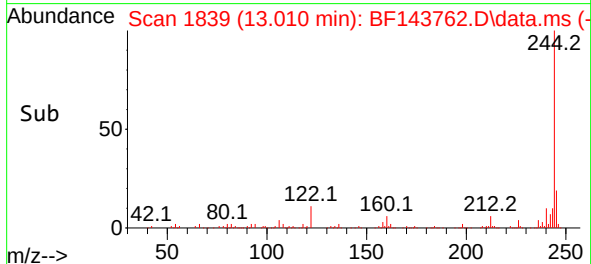
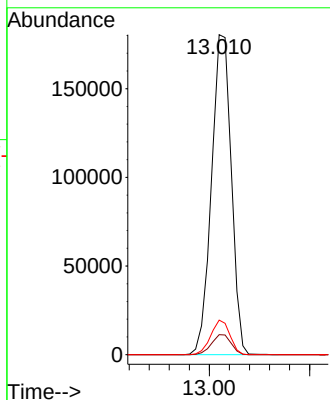
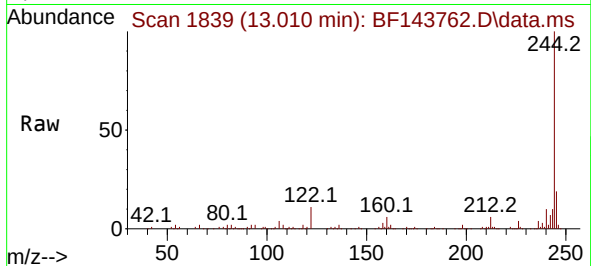




#79
Terphenyl-d14
Concen: 99.785 ng
RT: 13.010 min Scan# 1839
Delta R.T. 0.018 min
Lab File: BF143762.D
Acq: 15 Sep 2025 20:26

Instrument :
BNA_F
ClientSampleId :
WC-33

Tgt Ion:244 Resp: 247634
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.6
122 10.8 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: BF143762.D
Acq: 15 Sep 2025 20:26

Tgt Ion:264 Resp: 25943
Ion Ratio Lower Upper
264 100
260 24.2 18.4 27.6
265 20.9 17.1 25.7

