

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
 Data File : BF143755.D
 Acq On : 15 Sep 2025 16:59
 Operator : RC/JU
 Sample : Q3054-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-384

Quant Time: Sep 15 17:57:13 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	20378	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	74301	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	41920	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	68629	20.000	ng	0.01
76) Chrysene-d12	14.063	240	51622	20.000	ng	0.02
86) Perylene-d12	15.545	264	29776	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	166588	139.475	ng	0.03
7) Phenol-d6	6.516	99	189869	130.558	ng	0.01
23) Nitrobenzene-d5	7.451	82	127721	106.921	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	70141	166.030	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	286739	103.328	ng	0.00
79) Terphenyl-d14	13.016	244	315931	99.177	ng	0.02

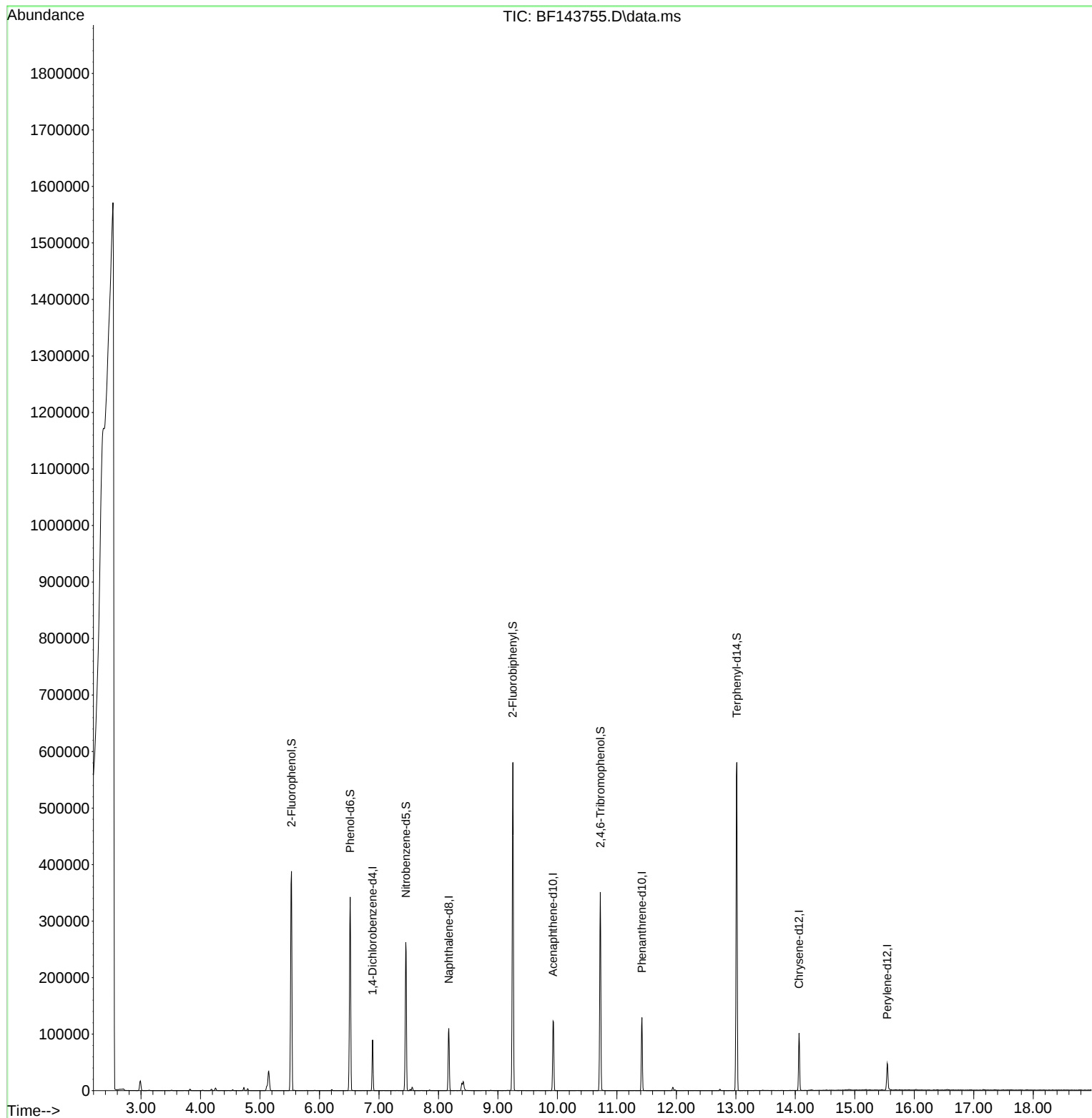
Target Compounds	Qvalue

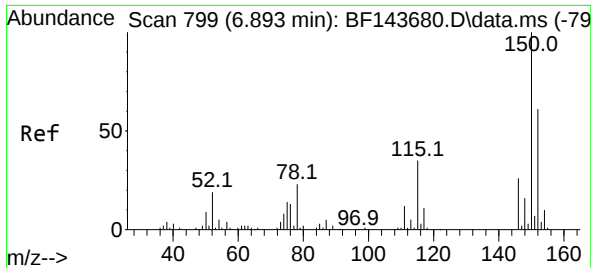
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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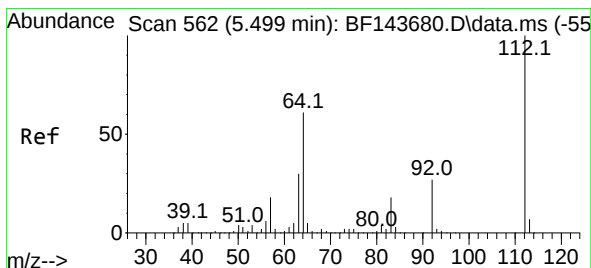
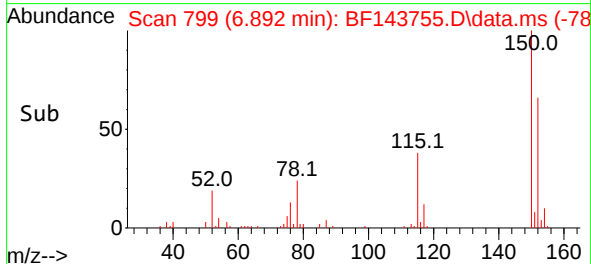
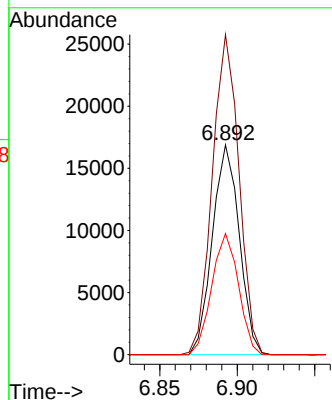
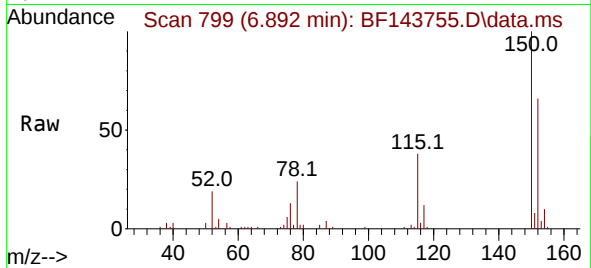




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. -0.001 min
 Lab File: BF143755.D
 Acq: 15 Sep 2025 16:59

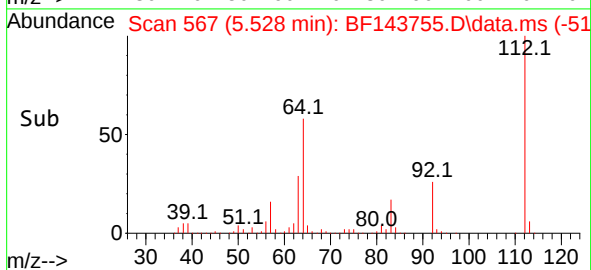
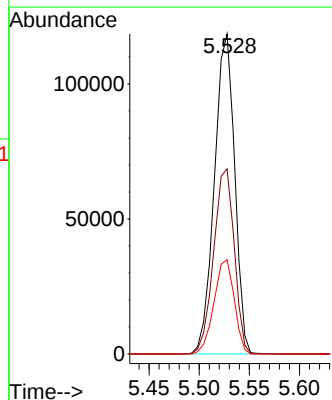
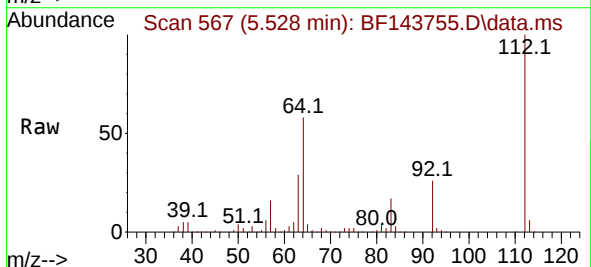
Instrument :
 BNA_F
 ClientSampleId :
 MH-384

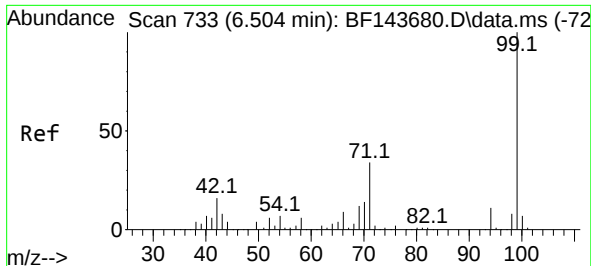
Tgt Ion:152 Resp: 20378
 Ion Ratio Lower Upper
 152 100
 150 152.5 130.7 196.1
 115 57.7 45.9 68.9



#5
 2-Fluorophenol
 Concen: 139.475 ng
 RT: 5.528 min Scan# 567
 Delta R.T. 0.029 min
 Lab File: BF143755.D
 Acq: 15 Sep 2025 16:59

Tgt Ion:112 Resp: 166588
 Ion Ratio Lower Upper
 112 100
 64 57.8 49.0 73.4
 63 29.5 24.3 36.5

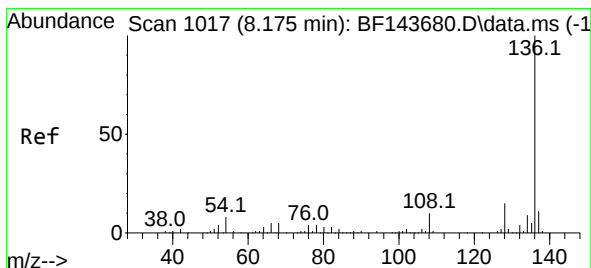
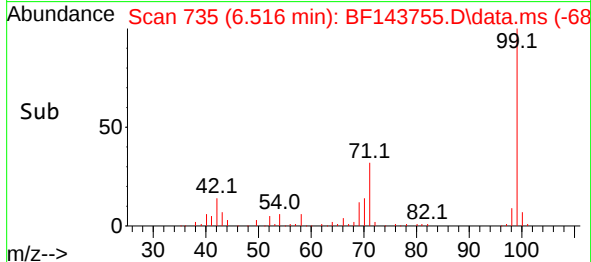
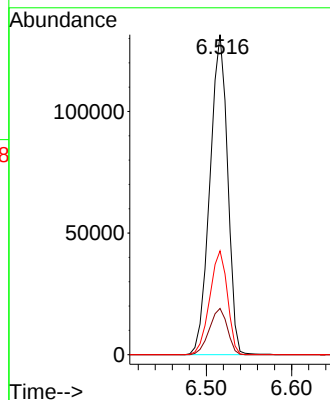
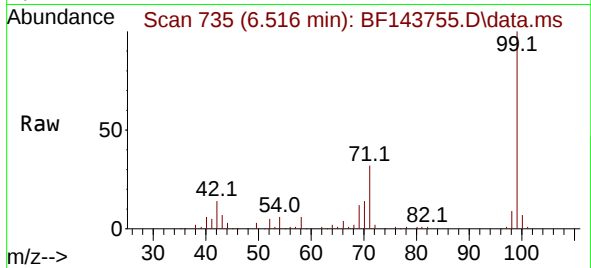




#7
Phenol-d6
Concen: 130.558 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF143755.D
Acq: 15 Sep 2025 16:59

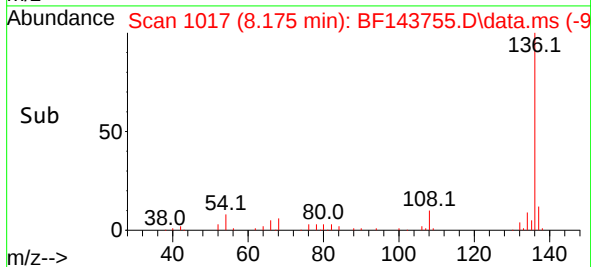
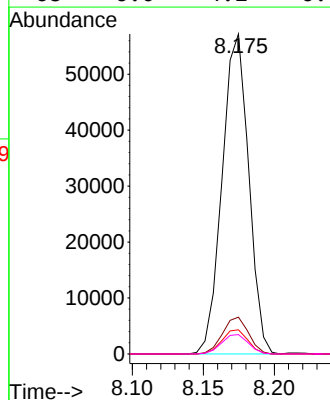
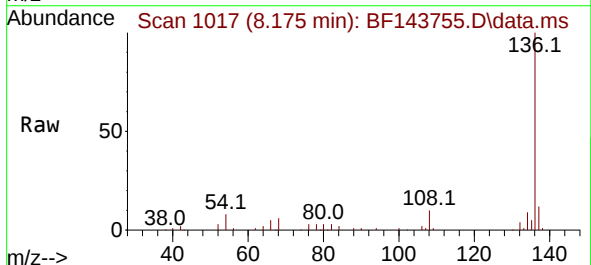
Instrument :
BNA_F
ClientSampleId :
MH-384

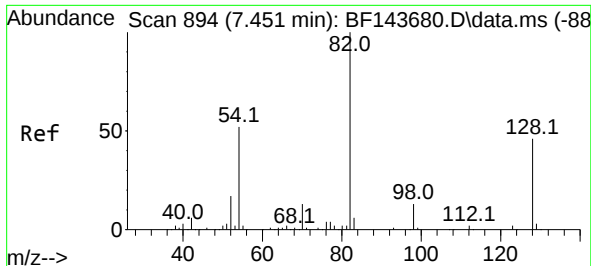
Tgt Ion: 99 Resp: 189869
Ion Ratio Lower Upper
99 100
42 14.5 13.0 19.4
71 32.5 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143755.D
Acq: 15 Sep 2025 16:59

Tgt Ion: 136 Resp: 74301
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 7.6 6.2 9.2
68 6.0 4.2 6.4





#23

Nitrobenzene-d5

Concen: 106.921 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF143755.D

Acq: 15 Sep 2025 16:59

Instrument :

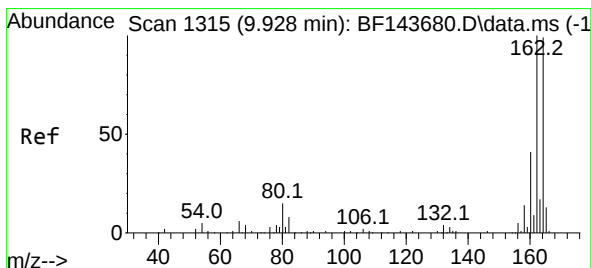
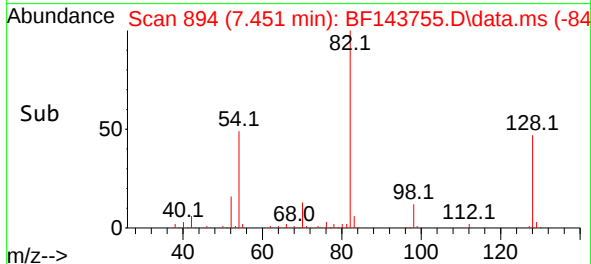
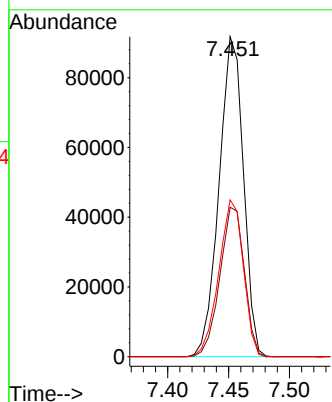
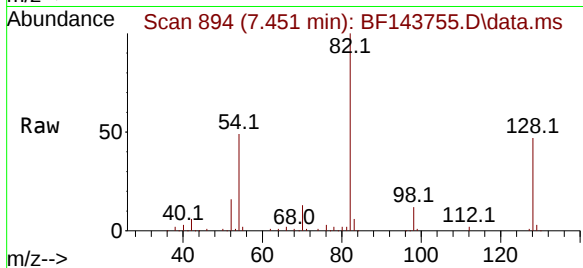
BNA_F

ClientSampleId :

MH-384

Tgt Ion: 82 Resp: 127721

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.0	55.4
54	49.0	41.8	62.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1315

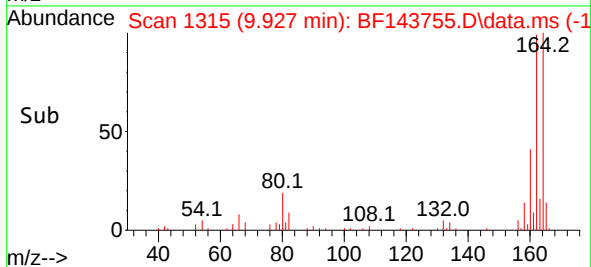
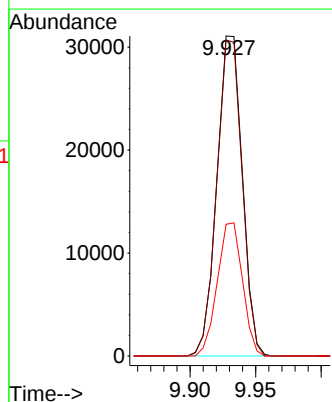
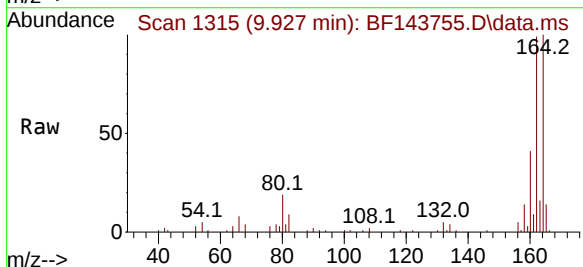
Delta R.T. -0.000 min

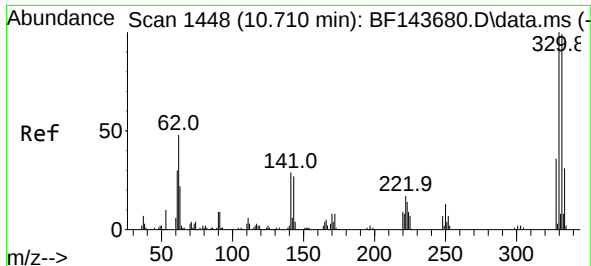
Lab File: BF143755.D

Acq: 15 Sep 2025 16:59

Tgt Ion:164 Resp: 41920

Ion	Ratio	Lower	Upper
164	100		
162	98.8	80.6	121.0
160	41.1	33.0	49.4





#42

2,4,6-Tribromophenol

Concen: 166.030 ng

RT: 10.722 min Scan# 1448

Delta R.T. 0.012 min

Lab File: BF143755.D

Acq: 15 Sep 2025 16:59

Instrument :

BNA_F

ClientSampleId :

MH-384

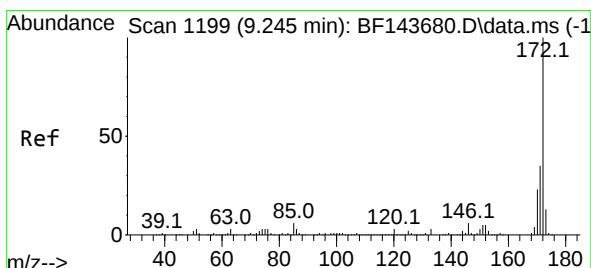
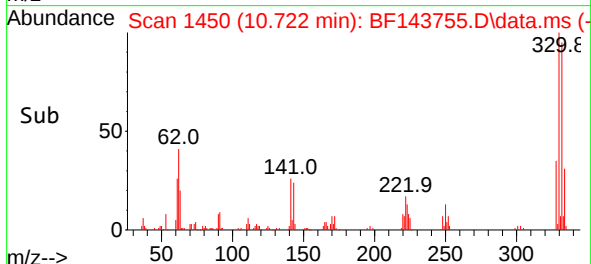
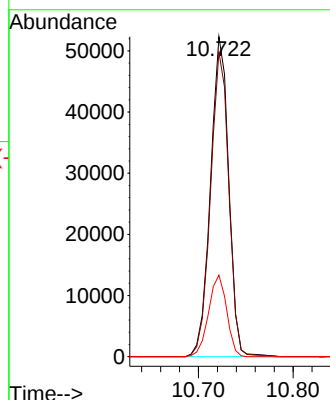
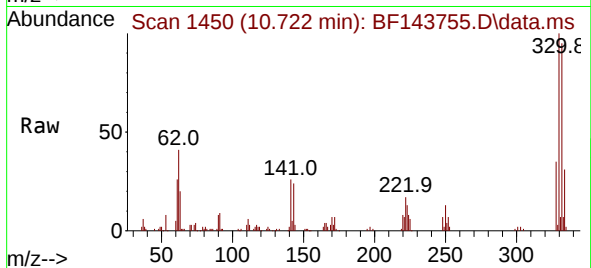
Tgt Ion:330 Resp: 70141

Ion Ratio Lower Upper

330 100

332 95.3 79.2 118.8

141 25.3 22.2 33.4



#45

2-Fluorobiphenyl

Concen: 103.328 ng

RT: 9.251 min Scan# 1200

Delta R.T. 0.006 min

Lab File: BF143755.D

Acq: 15 Sep 2025 16:59

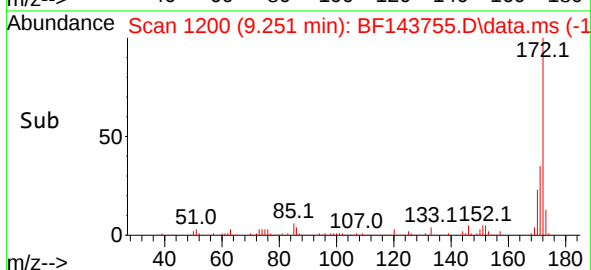
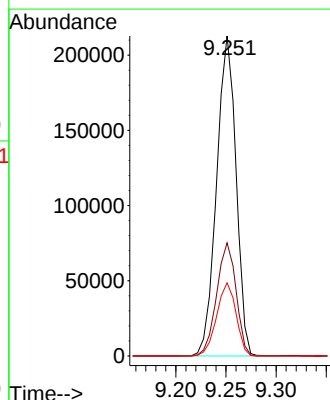
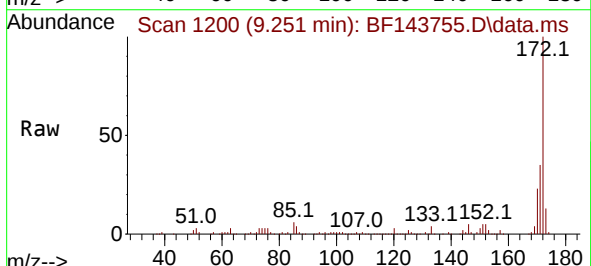
Tgt Ion:172 Resp: 286739

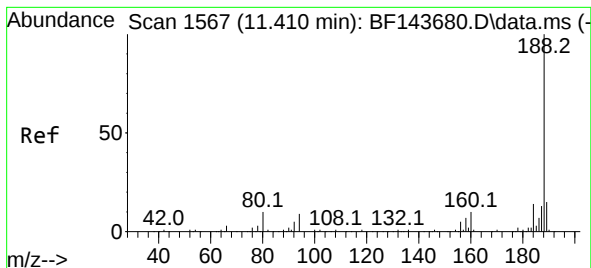
Ion Ratio Lower Upper

172 100

171 35.3 27.9 41.9

170 22.9 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: BF143755.D

Acq: 15 Sep 2025 16:59

Instrument :

BNA_F

ClientSampleId :

MH-384

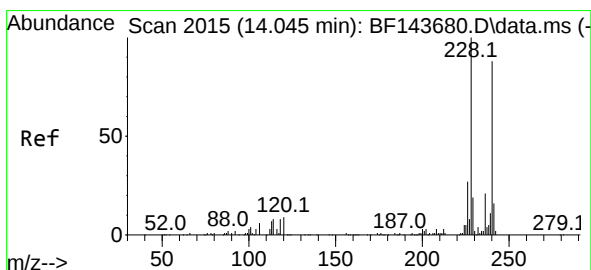
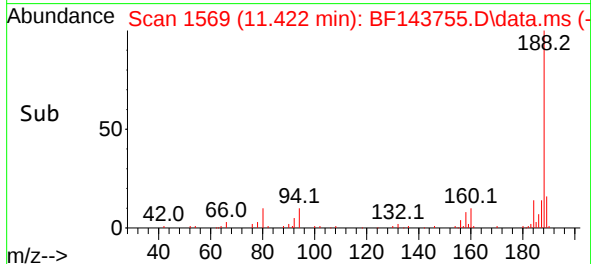
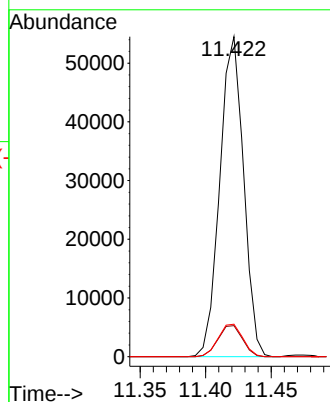
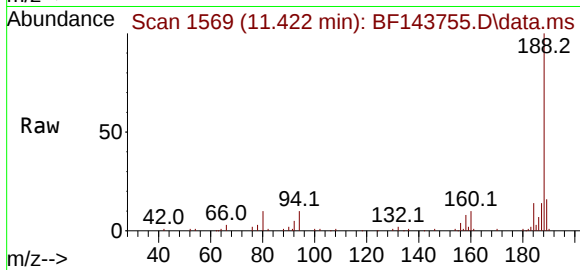
Tgt Ion:188 Resp: 68629

Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.0

80 10.2 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. 0.017 min

Lab File: BF143755.D

Acq: 15 Sep 2025 16:59

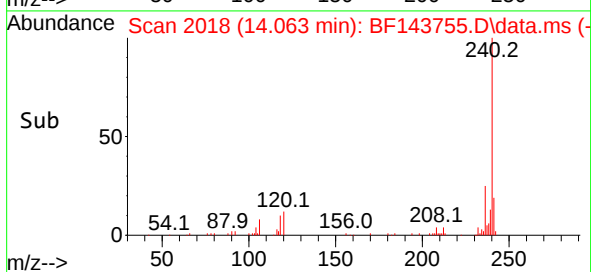
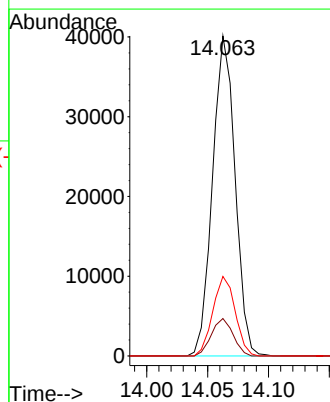
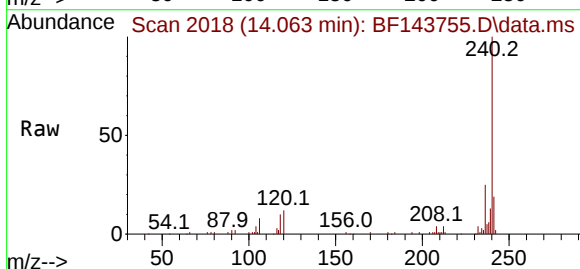
Tgt Ion:240 Resp: 51622

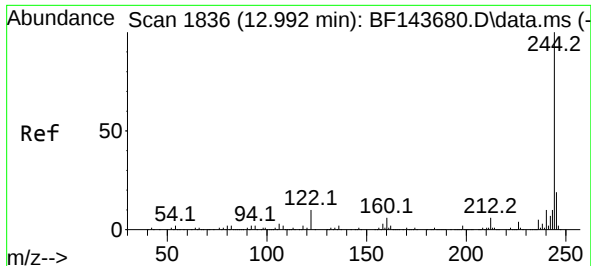
Ion Ratio Lower Upper

240 100

120 11.7 8.4 12.6

236 24.9 18.6 28.0

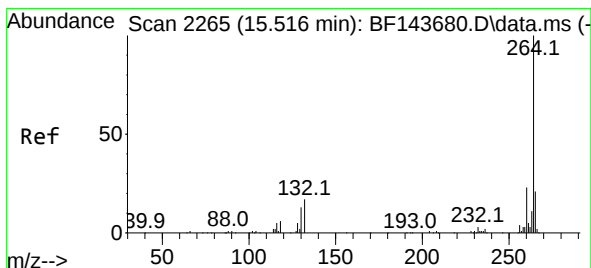
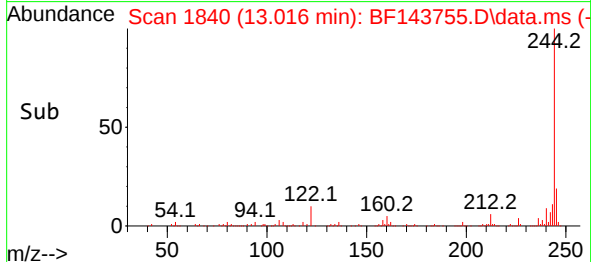
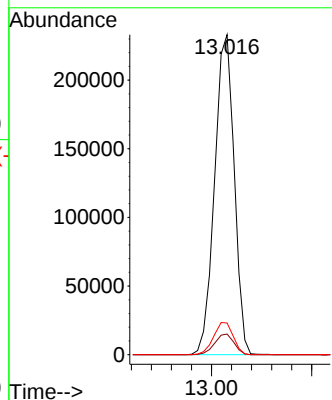
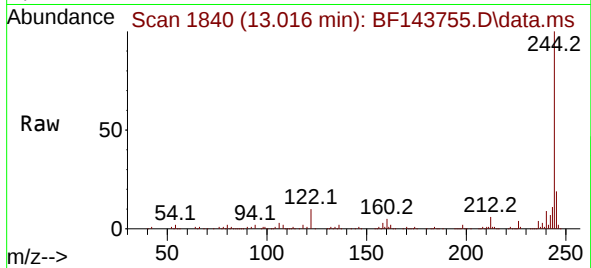




#79
 Terphenyl-d14
 Concen: 99.177 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.023 min
 Lab File: BF143755.D
 Acq: 15 Sep 2025 16:59

Instrument :
 BNA_F
 ClientSampleId :
 MH-384

Tgt Ion:244 Resp: 315931
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.6
 122 9.9 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: BF143755.D
 Acq: 15 Sep 2025 16:59

Tgt Ion:264 Resp: 29776
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.4 27.6
 265 21.5 17.1 25.7

