

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
 Data File : BF143736.D
 Acq On : 12 Sep 2025 16:40
 Operator : RC/JU
 Sample : Q3054-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-385

Quant Time: Sep 12 17:05:53 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	29706	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	105168	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	54132	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	78489	20.000	ng	0.00
76) Chrysene-d12	14.057	240	72604	20.000	ng	0.01
86) Perylene-d12	15.539	264	73561	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	233937	134.360	ng	0.02
7) Phenol-d6	6.516	99	245636	115.867	ng	0.01
23) Nitrobenzene-d5	7.451	82	185137	109.497	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	74466	136.502	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	375642	104.827	ng	0.00
79) Terphenyl-d14	13.010	244	356646	79.603	ng	0.02

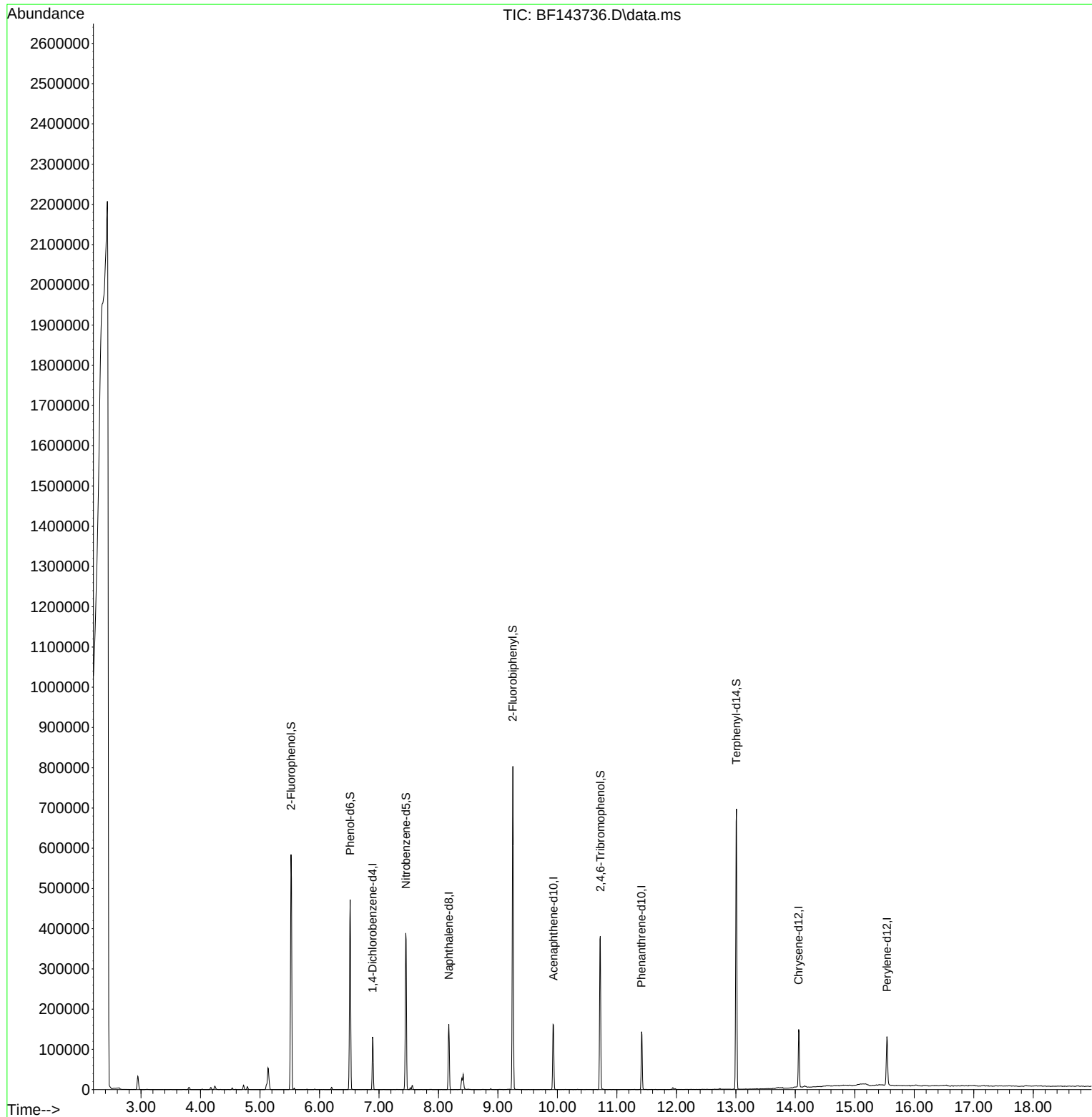
Target Compounds	Qvalue

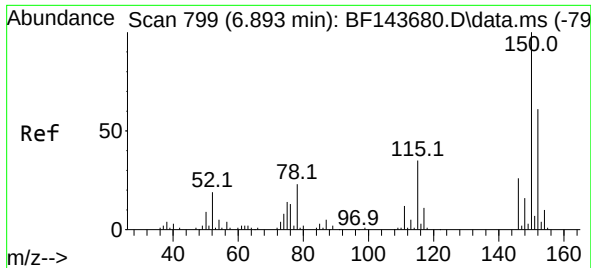
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143736.D
Acq On : 12 Sep 2025 16:40
Operator : RC/JU
Sample : Q3054-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-385

Quant Time: Sep 12 17:05:53 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

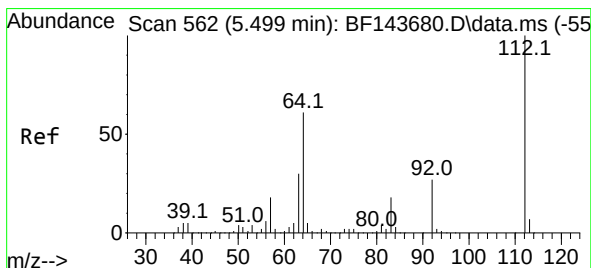
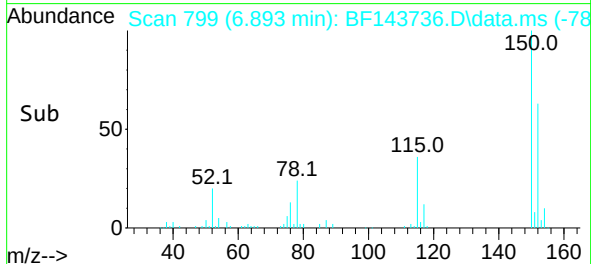
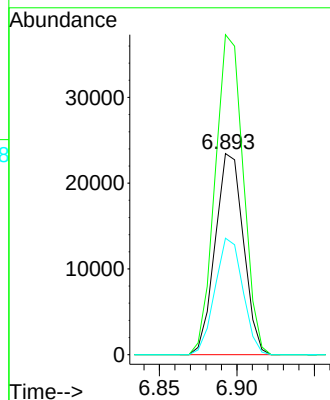
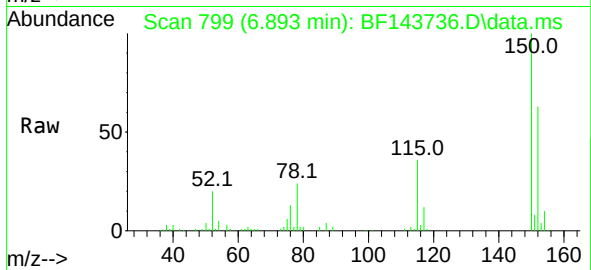




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF143736.D
Acq: 12 Sep 2025 16:40

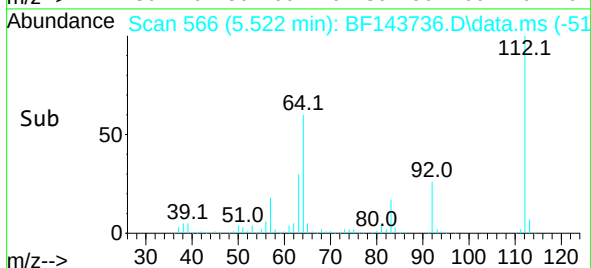
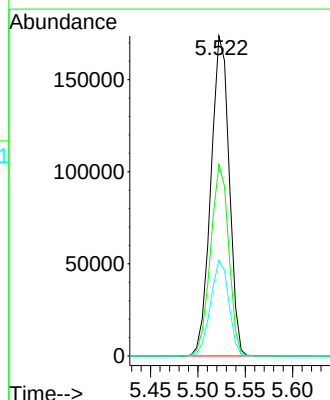
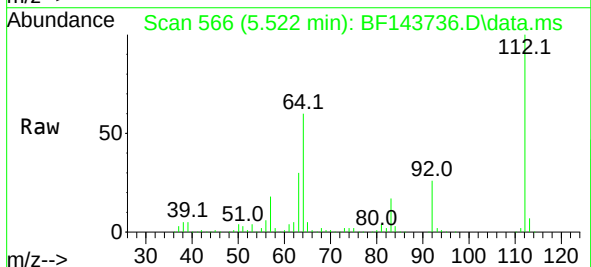
Instrument :
BNA_F
ClientSampleId :
MH-385

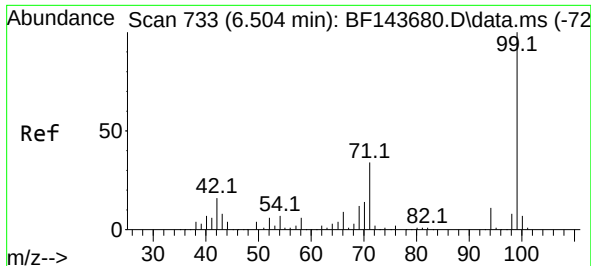
Tgt Ion:152 Resp: 29706
Ion Ratio Lower Upper
152 100
150 159.2 130.7 196.1
115 57.9 45.9 68.9



#5
2-Fluorophenol
Concen: 134.360 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.024 min
Lab File: BF143736.D
Acq: 12 Sep 2025 16:40

Tgt Ion:112 Resp: 233937
Ion Ratio Lower Upper
112 100
64 59.8 49.0 73.4
63 30.0 24.3 36.5





#7

Phenol-d6

Concen: 115.867 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF143736.D

Acq: 12 Sep 2025 16:40

Instrument :

BNA_F

ClientSampleId :

MH-385

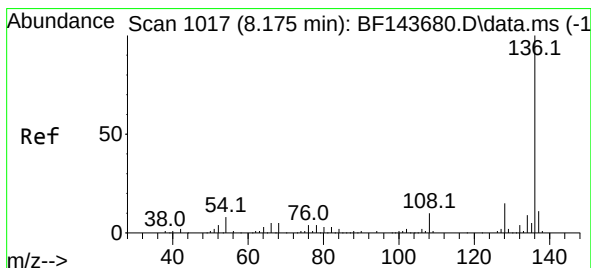
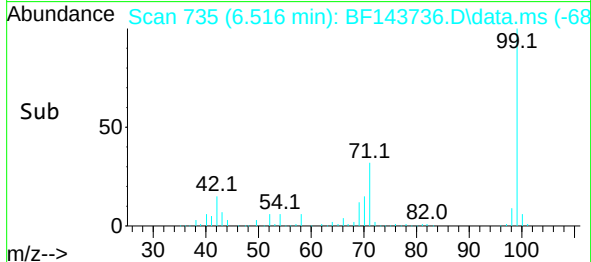
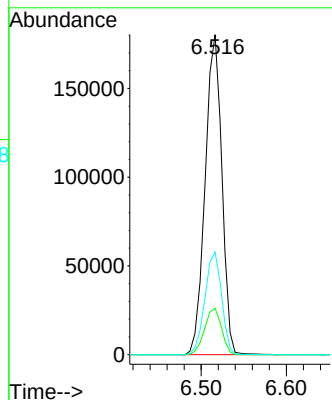
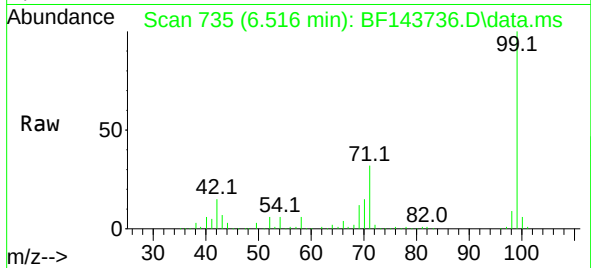
Tgt Ion: 99 Resp: 245636

Ion Ratio Lower Upper

99 100

42 14.5 13.0 19.4

71 32.0 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: BF143736.D

Acq: 12 Sep 2025 16:40

Tgt Ion: 136 Resp: 105168

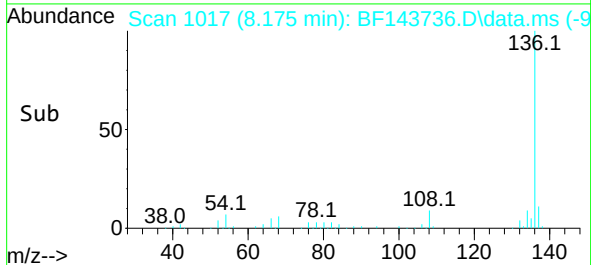
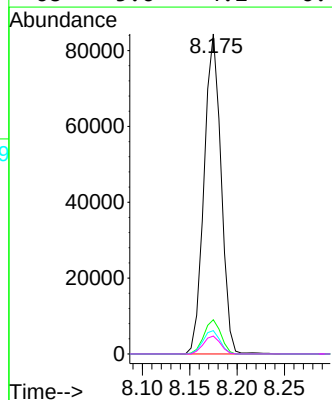
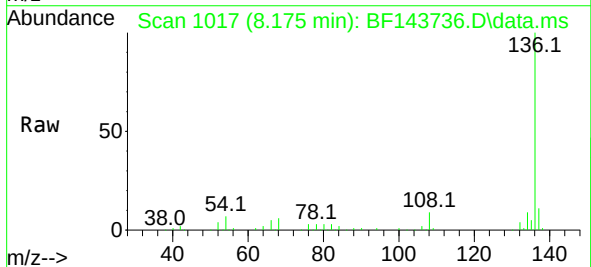
Ion Ratio Lower Upper

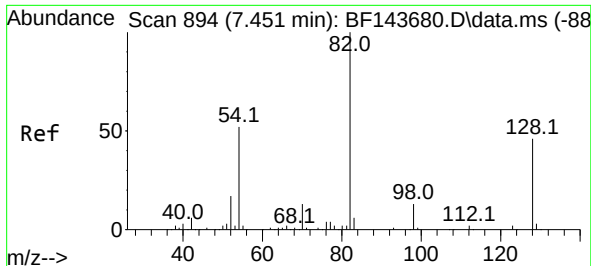
136 100

137 10.7 8.7 13.1

54 7.3 6.2 9.2

68 5.6 4.2 6.4





#23

Nitrobenzene-d5

Concen: 109.497 ng

RT: 7.451 min Scan# 894

Delta R.T. 0.000 min

Lab File: BF143736.D

Acq: 12 Sep 2025 16:40

Instrument :

BNA_F

ClientSampleId :

MH-385

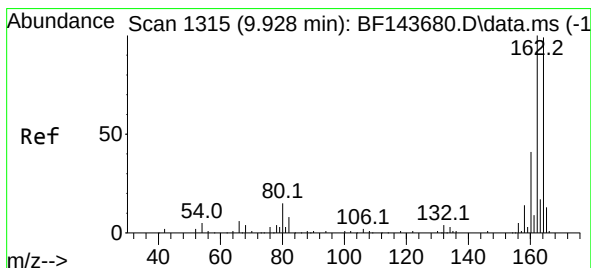
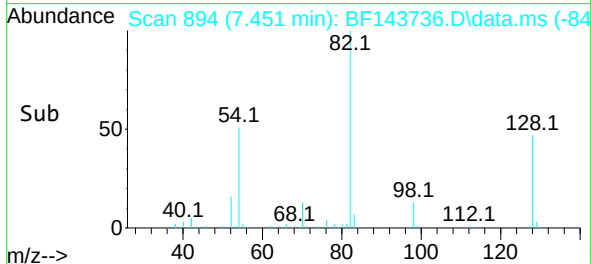
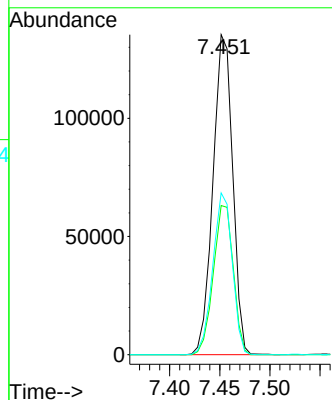
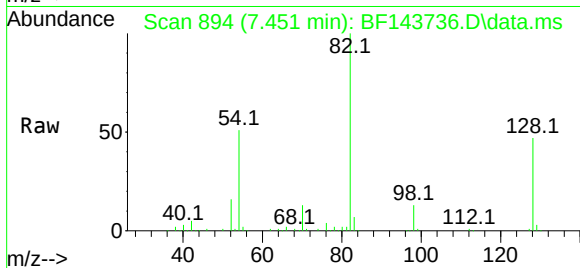
Tgt Ion: 82 Resp: 185137

Ion Ratio Lower Upper

82 100

128 46.6 37.0 55.4

54 50.6 41.8 62.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1316

Delta R.T. 0.006 min

Lab File: BF143736.D

Acq: 12 Sep 2025 16:40

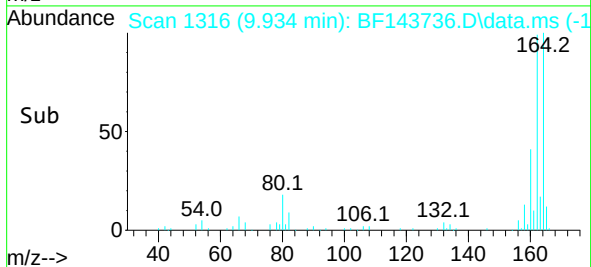
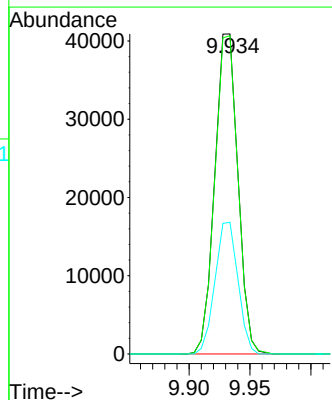
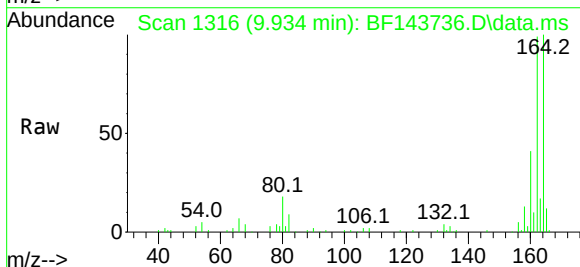
Tgt Ion:164 Resp: 54132

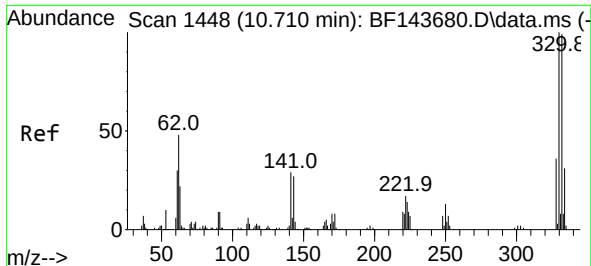
Ion Ratio Lower Upper

164 100

162 99.5 80.6 121.0

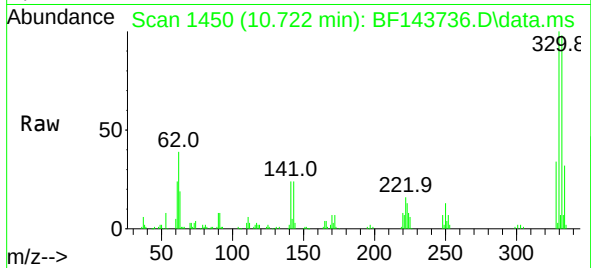
160 41.2 33.0 49.4



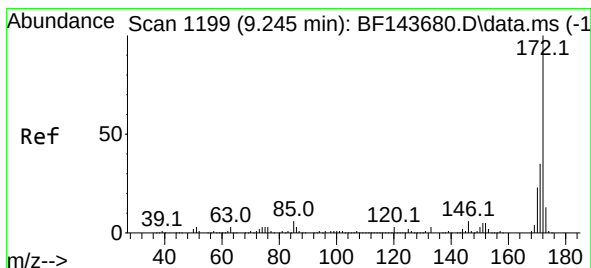
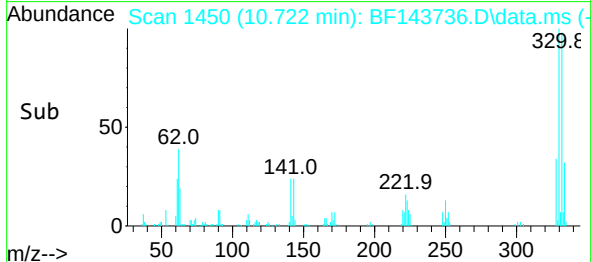
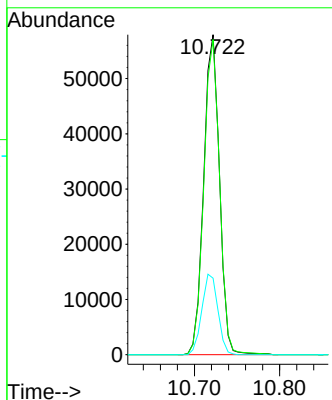


#42
2,4,6-Tribromophenol
Concen: 136.502 ng
RT: 10.722 min Scan# 1448
Delta R.T. 0.012 min
Lab File: BF143736.D
Acq: 12 Sep 2025 16:40

Instrument :
BNA_F
ClientSampleId :
MH-385

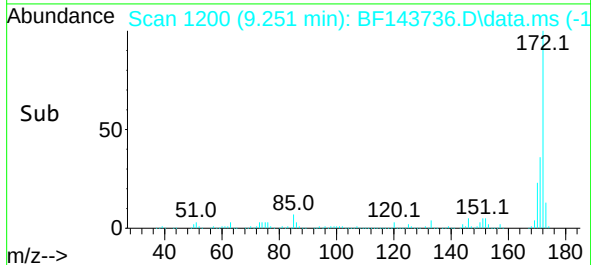
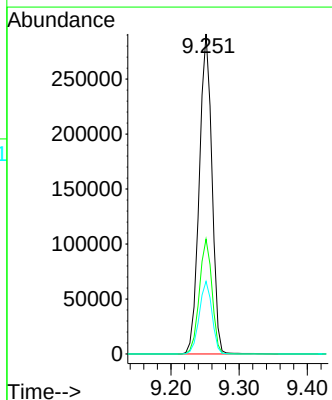
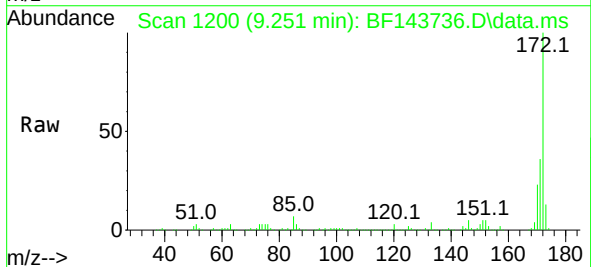


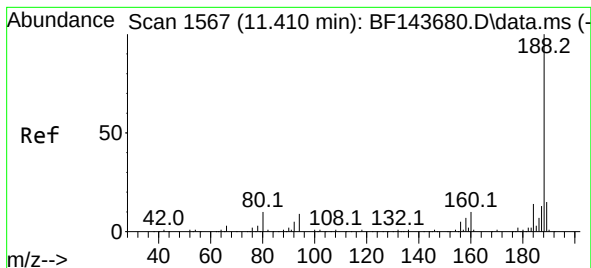
Tgt Ion:330 Resp: 74466
Ion Ratio Lower Upper
330 100
332 98.6 79.2 118.8
141 25.5 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 104.827 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF143736.D
Acq: 12 Sep 2025 16:40

Tgt Ion:172 Resp: 375642
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 22.7 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143736.D

Acq: 12 Sep 2025 16:40

Instrument :

BNA_F

ClientSampleId :

MH-385

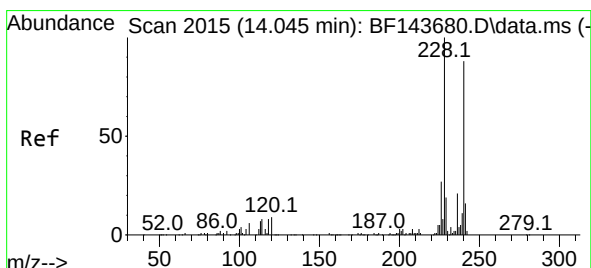
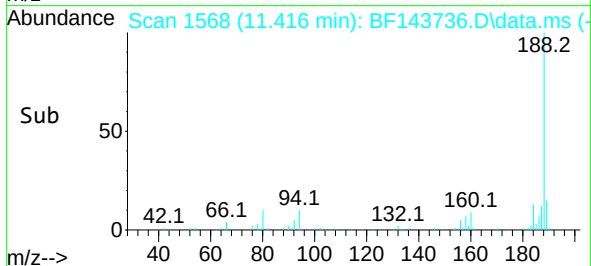
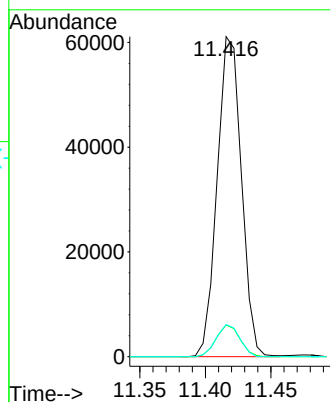
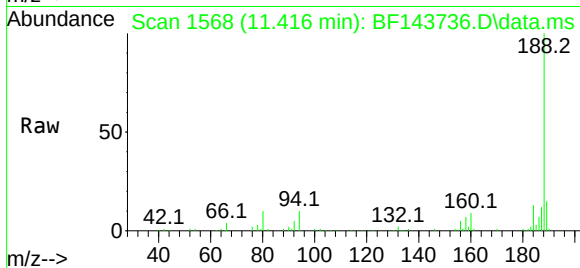
Tgt Ion:188 Resp: 78489

Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.0

80 10.0 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.012 min

Lab File: BF143736.D

Acq: 12 Sep 2025 16:40

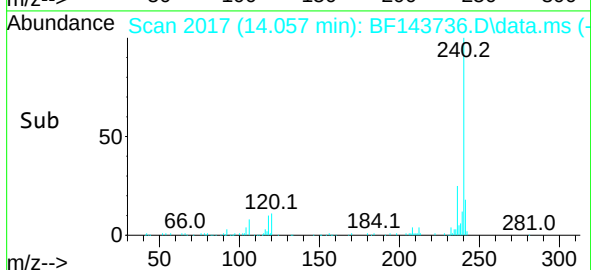
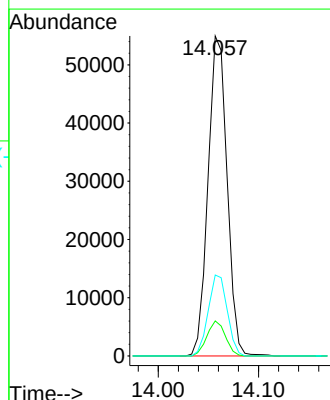
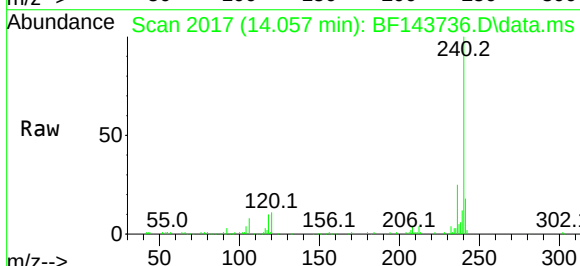
Tgt Ion:240 Resp: 72604

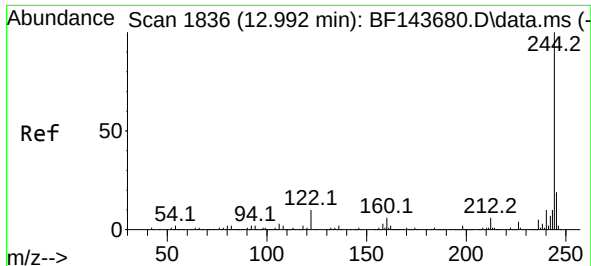
Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

236 25.3 18.6 28.0

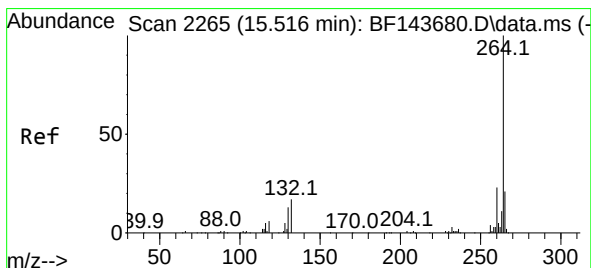
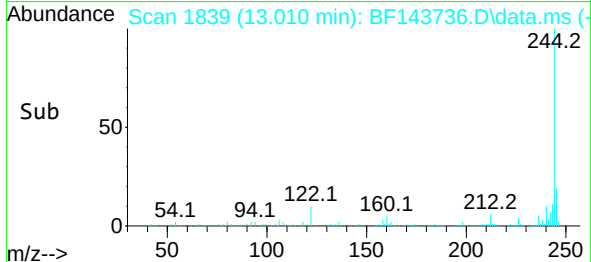
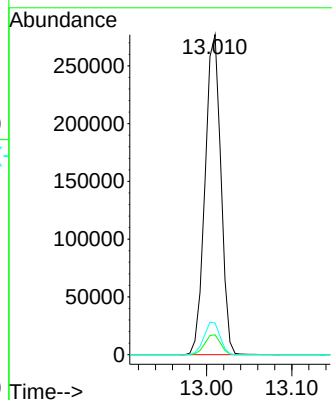
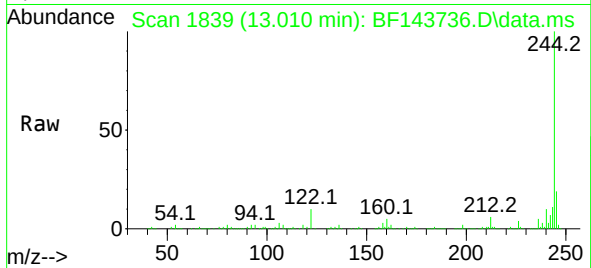




#79
 Terphenyl-d14
 Concen: 79.603 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. 0.018 min
 Lab File: BF143736.D
 Acq: 12 Sep 2025 16:40

Instrument :
 BNA_F
 ClientSampleId :
 MH-385

Tgt Ion:244 Resp: 356646
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.6
 122 9.9 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. 0.024 min
 Lab File: BF143736.D
 Acq: 12 Sep 2025 16:40

Tgt Ion:264 Resp: 73561
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 22.3 17.1 25.7

