

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
 Data File : BF143759.D
 Acq On : 15 Sep 2025 18:57
 Operator : RC/JU
 Sample : Q3082-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-30

Quant Time: Sep 15 19:19:27 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	15863	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	59753	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	32307	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	54633	20.000	ng	0.01
76) Chrysene-d12	14.063	240	39064	20.000	ng	0.02
86) Perylene-d12	15.545	264	25194	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	143810	154.675	ng	0.03
7) Phenol-d6	6.516	99	165839	146.491	ng	0.01
23) Nitrobenzene-d5	7.451	82	107779	112.194	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	58092	178.425	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	234455	109.627	ng	0.00
79) Terphenyl-d14	13.010	244	254974	105.773	ng	0.02

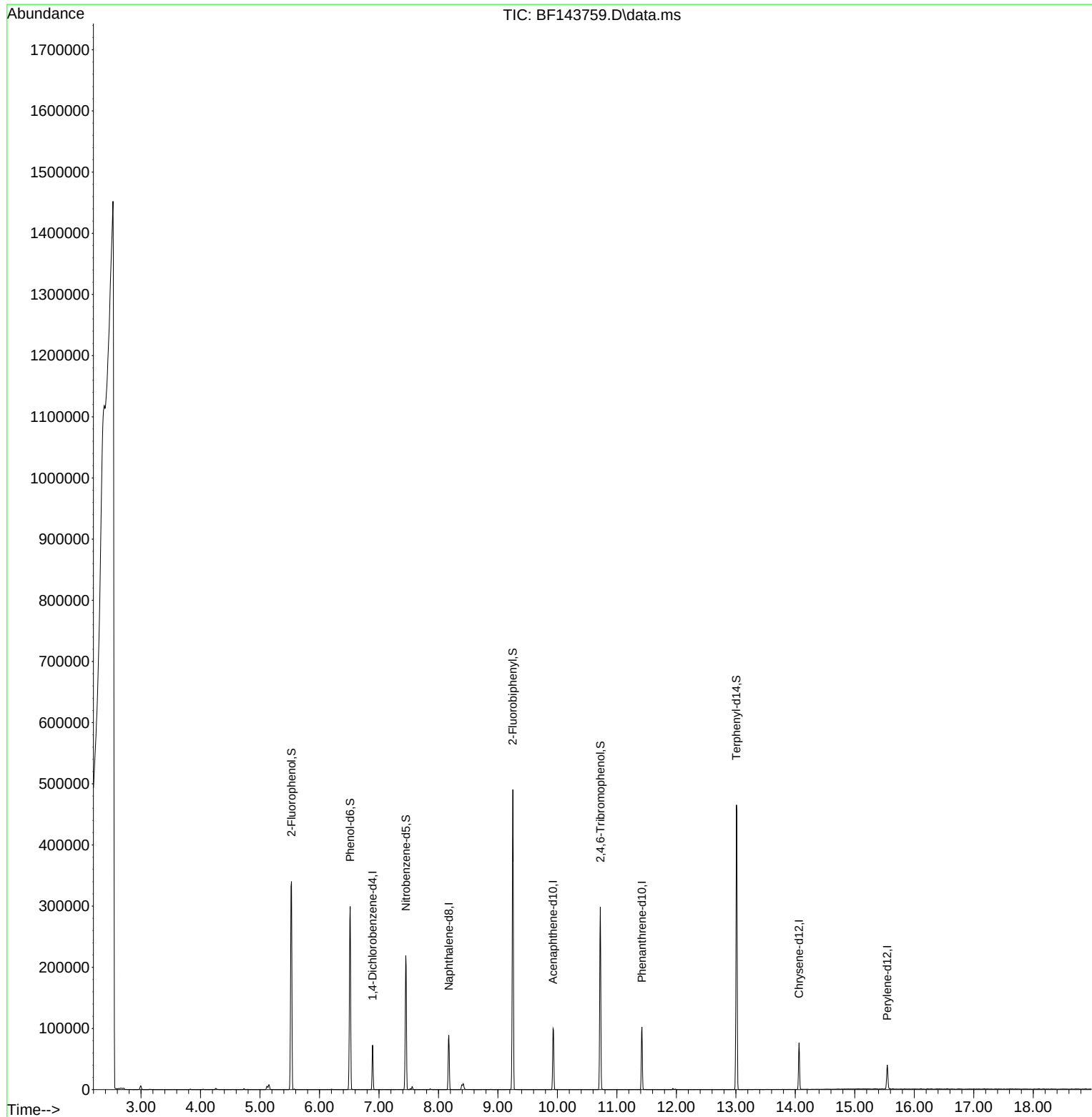
Target Compounds	Qvalue

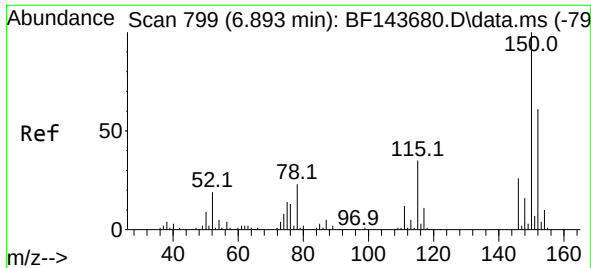
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
Data File : BF143759.D
Acq On : 15 Sep 2025 18:57
Operator : RC/JU
Sample : Q3082-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-30

Quant Time: Sep 15 19:19:27 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

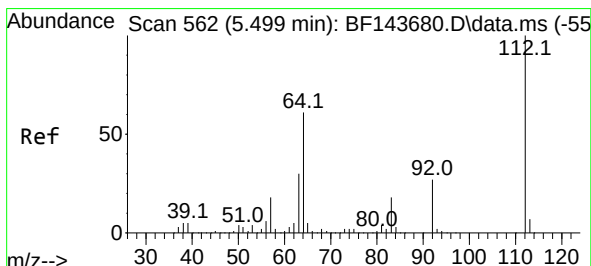
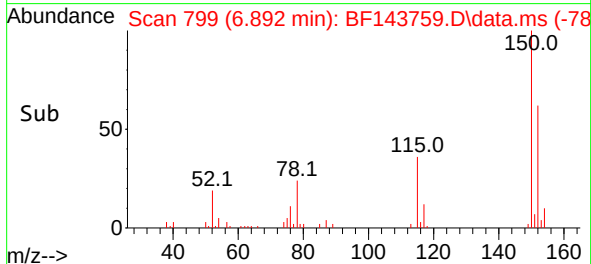
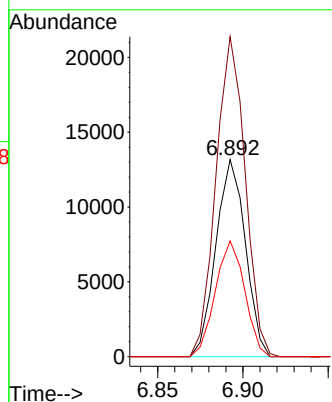
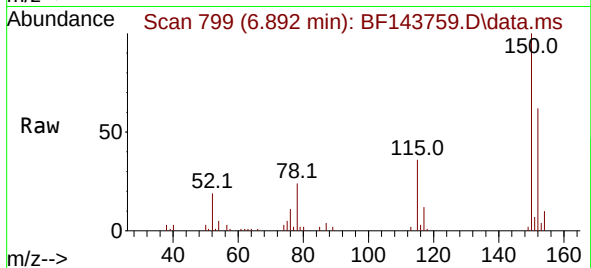




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF143759.D
Acq: 15 Sep 2025 18:57

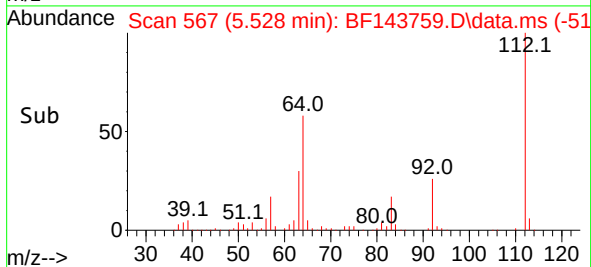
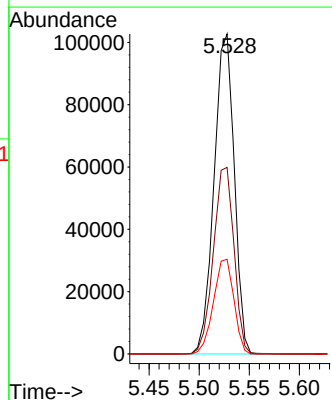
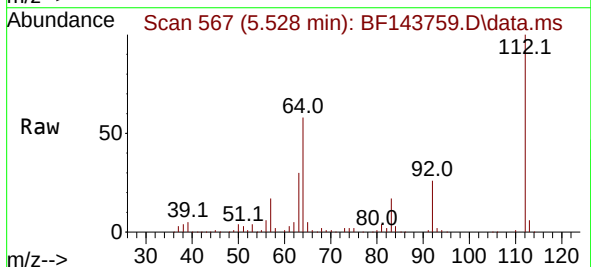
Instrument :
BNA_F
ClientSampleId :
WC-30

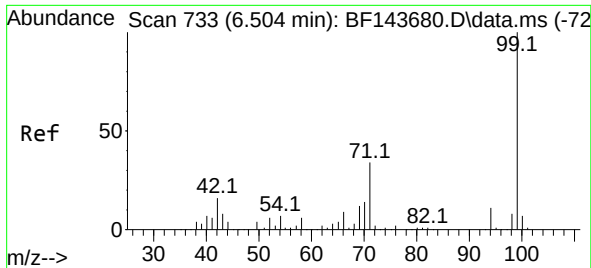
Tgt Ion:152 Resp: 15863
Ion Ratio Lower Upper
152 100
150 162.3 130.7 196.1
115 58.8 45.9 68.9



#5
2-Fluorophenol
Concen: 154.675 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.029 min
Lab File: BF143759.D
Acq: 15 Sep 2025 18:57

Tgt Ion:112 Resp: 143810
Ion Ratio Lower Upper
112 100
64 58.3 49.0 73.4
63 29.6 24.3 36.5

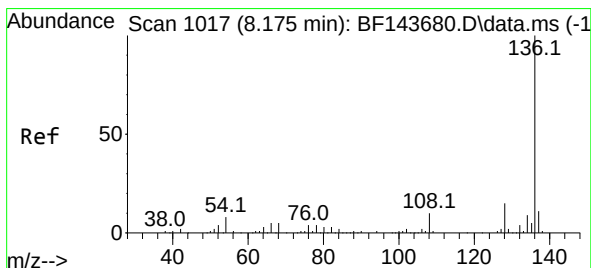
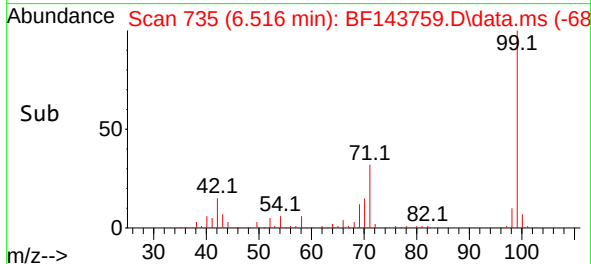
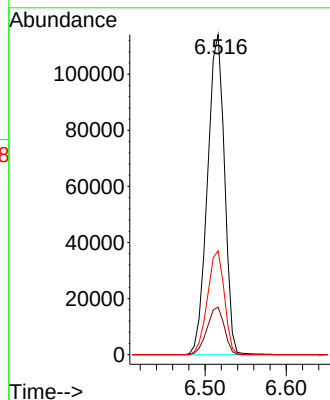
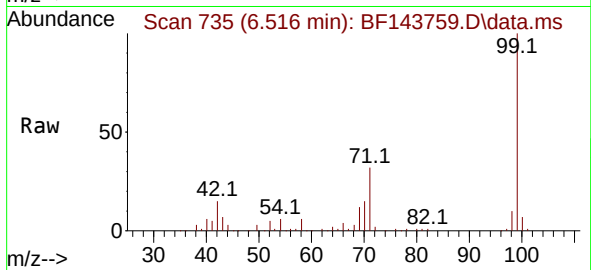




#7
Phenol-d6
Concen: 146.491 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF143759.D
Acq: 15 Sep 2025 18:57

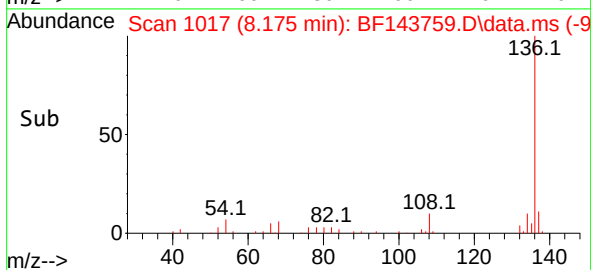
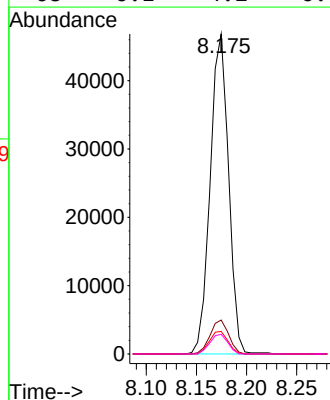
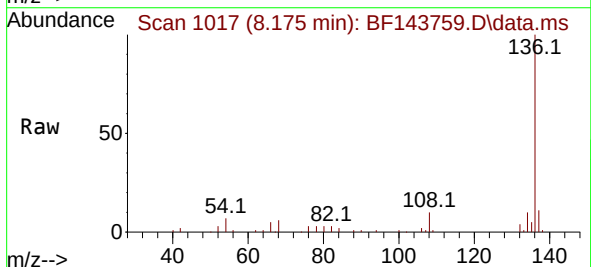
Instrument :
BNA_F
ClientSampleId :
WC-30

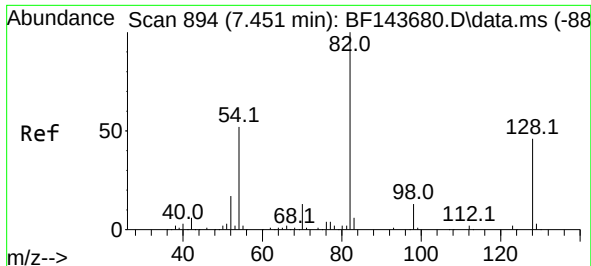
Tgt Ion: 99 Resp: 165839
Ion Ratio Lower Upper
99 100
42 14.9 13.0 19.4
71 32.5 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143759.D
Acq: 15 Sep 2025 18:57

Tgt Ion: 136 Resp: 59753
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 7.1 6.2 9.2
68 6.1 4.2 6.4





#23

Nitrobenzene-d5

Concen: 112.194 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF143759.D

Acq: 15 Sep 2025 18:57

Instrument :

BNA_F

ClientSampleId :

WC-30

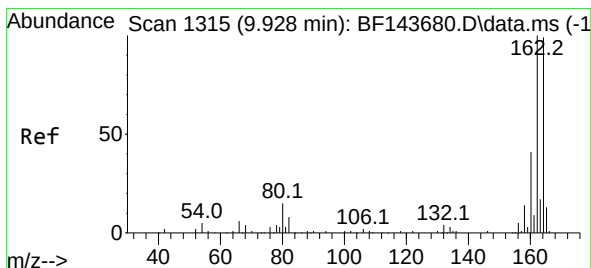
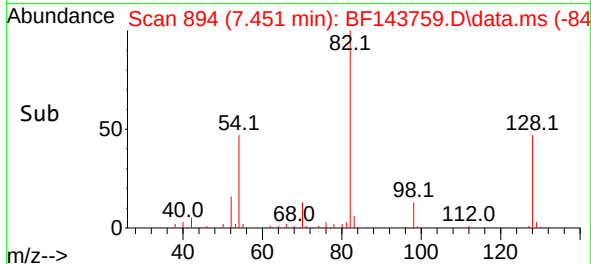
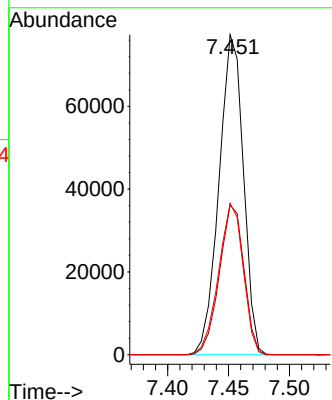
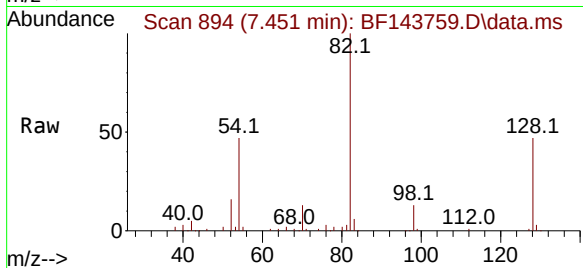
Tgt Ion: 82 Resp: 107779

Ion Ratio Lower Upper

82 100

128 46.8 37.0 55.4

54 47.3 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: BF143759.D

Acq: 15 Sep 2025 18:57

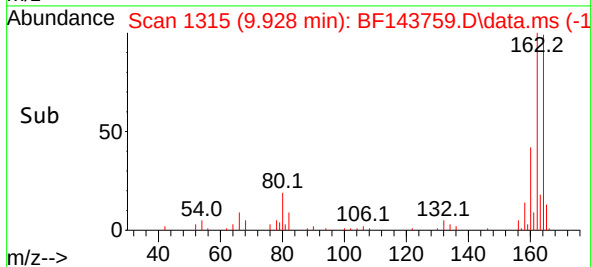
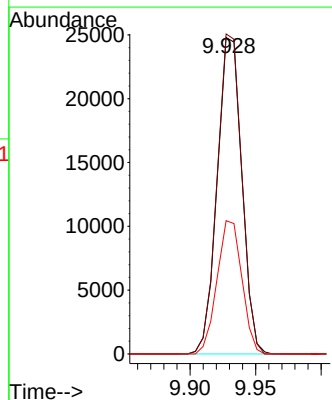
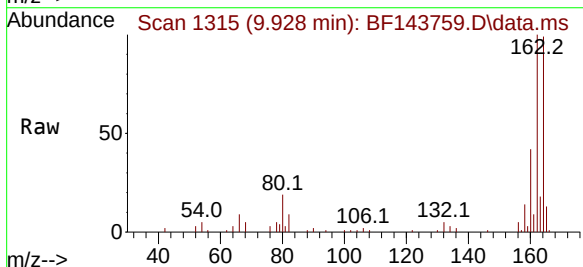
Tgt Ion:164 Resp: 32307

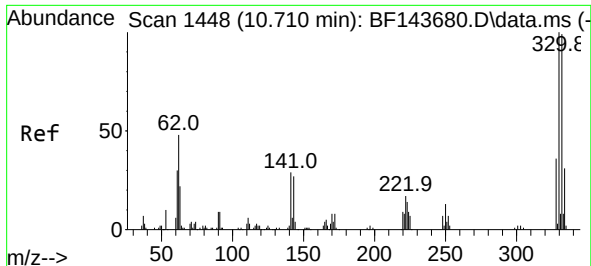
Ion Ratio Lower Upper

164 100

162 101.1 80.6 121.0

160 42.1 33.0 49.4





#42

2,4,6-Tribromophenol

Concen: 178.425 ng

RT: 10.722 min Scan# 1448

Delta R.T. 0.012 min

Lab File: BF143759.D

Acq: 15 Sep 2025 18:57

Instrument :

BNA_F

ClientSampleId :

WC-30

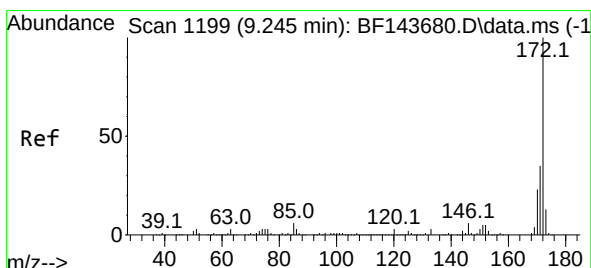
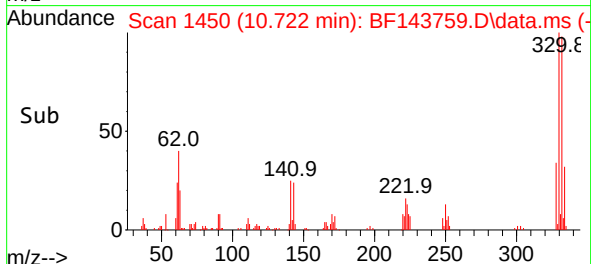
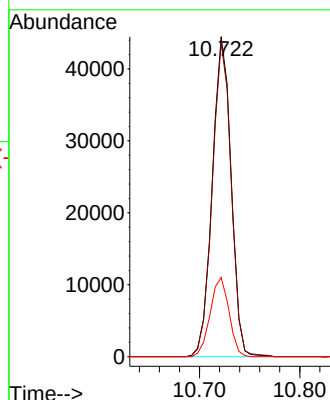
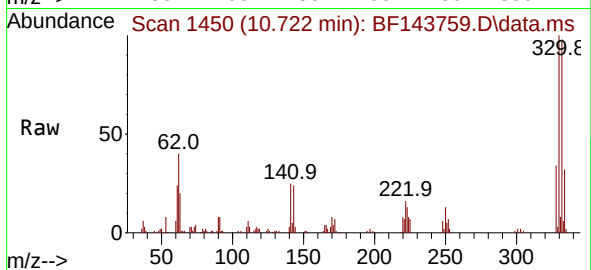
Tgt Ion:330 Resp: 58092

Ion Ratio Lower Upper

330 100

332 98.1 79.2 118.8

141 24.7 22.2 33.4



#45

2-Fluorobiphenyl

Concen: 109.627 ng

RT: 9.251 min Scan# 1200

Delta R.T. 0.006 min

Lab File: BF143759.D

Acq: 15 Sep 2025 18:57

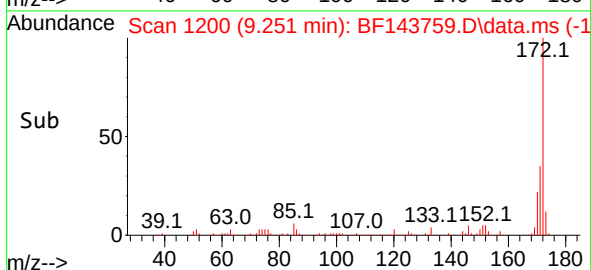
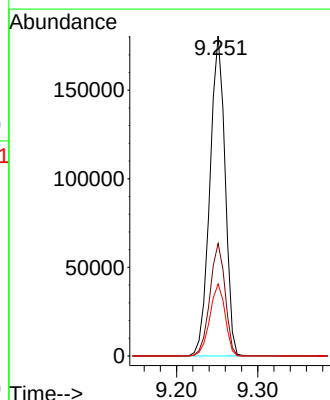
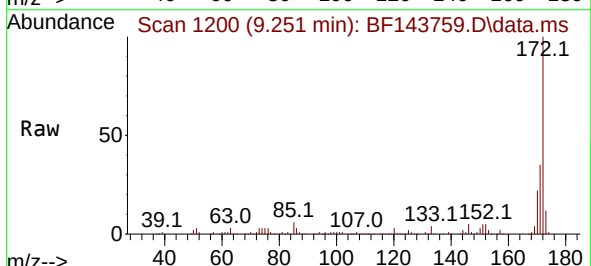
Tgt Ion:172 Resp: 234455

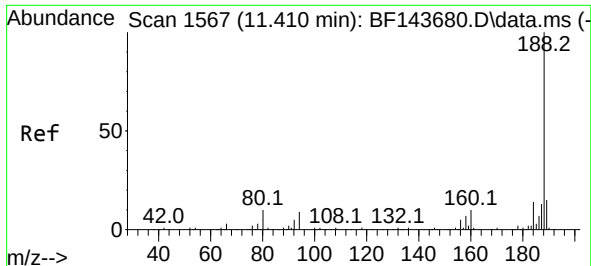
Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 22.5 18.6 27.8

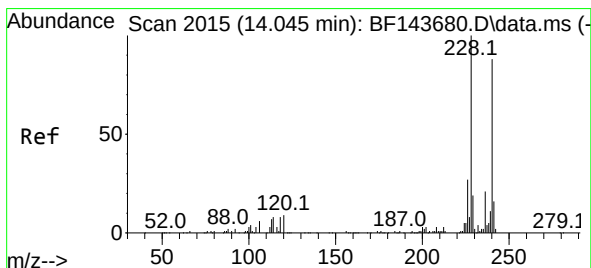
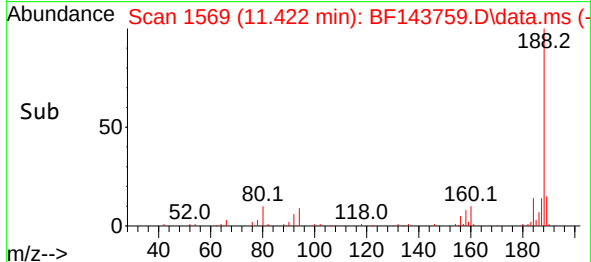
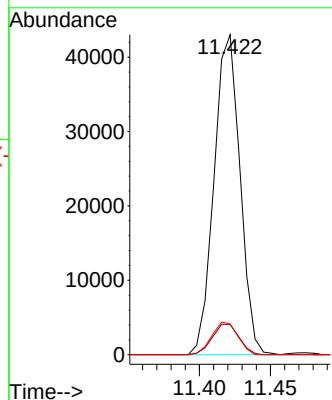
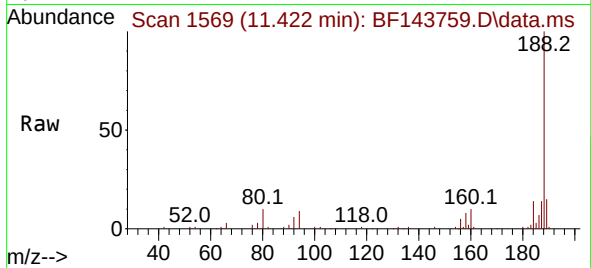




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143759.D
Acq: 15 Sep 2025 18:57

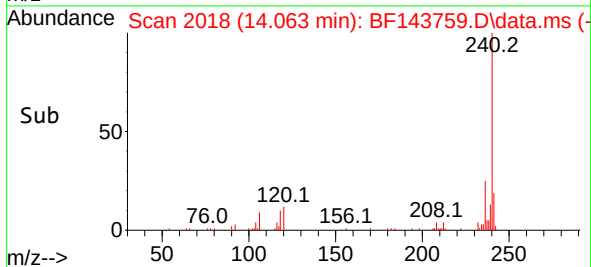
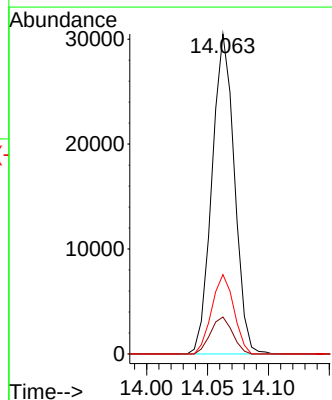
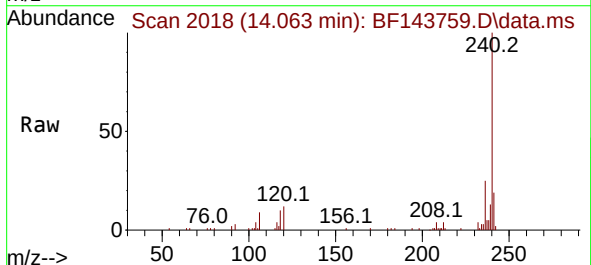
Instrument :
BNA_F
ClientSampleId :
WC-30

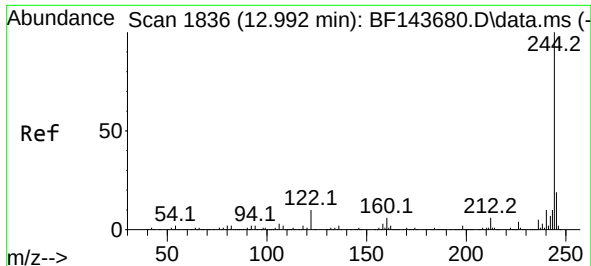
Tgt Ion:188 Resp: 54633
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.0
80 9.6 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.017 min
Lab File: BF143759.D
Acq: 15 Sep 2025 18:57

Tgt Ion:240 Resp: 39064
Ion Ratio Lower Upper
240 100
120 11.6 8.4 12.6
236 24.8 18.6 28.0

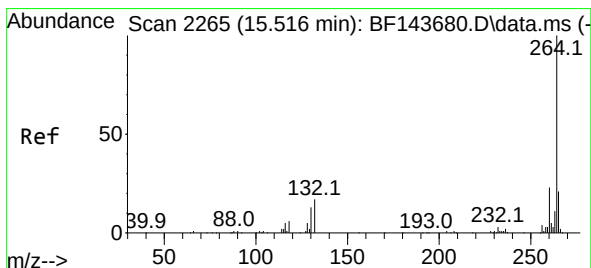
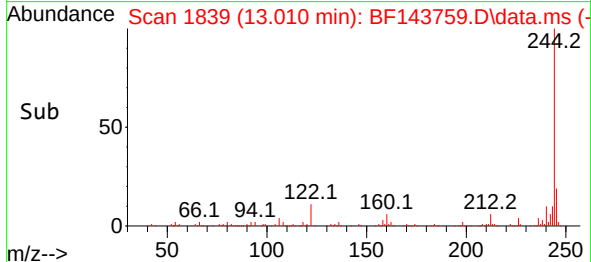
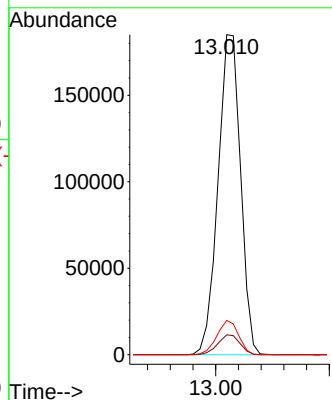
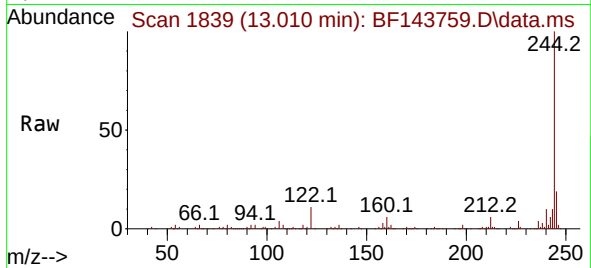




#79
Terphenyl-d14
Concen: 105.773 ng
RT: 13.010 min Scan# 1839
Delta R.T. 0.017 min
Lab File: BF143759.D
Acq: 15 Sep 2025 18:57

Instrument :
BNA_F
ClientSampleId :
WC-30

Tgt Ion:244 Resp: 254974
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.6
122 10.7 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: BF143759.D
Acq: 15 Sep 2025 18:57

Tgt Ion:264 Resp: 25194
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 23.5 17.1 25.7

