

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143698.D
 Acq On : 10 Sep 2025 12:41
 Operator : RC/JU
 Sample : SP6869
 Misc : 8270 SURROGATE
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP6869

Quant Time: Sep 10 13:29:58 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	6.886	152	43241	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	162291	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	96334	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	160186	20.000	ng	0.00
76) Chrysene-d12	14.045	240	104506	20.000	ng	0.00
86) Perylene-d12	15.515	264	95807	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	361628	142.686	ng	0.01
7) Phenol-d6	6.504	99	434497	140.800	ng	0.00
23) Nitrobenzene-d5	7.445	82	255138	97.786	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	141277	145.522	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	600085	94.099	ng	0.00
79) Terphenyl-d14	12.998	244	635346	98.520	ng	0.00

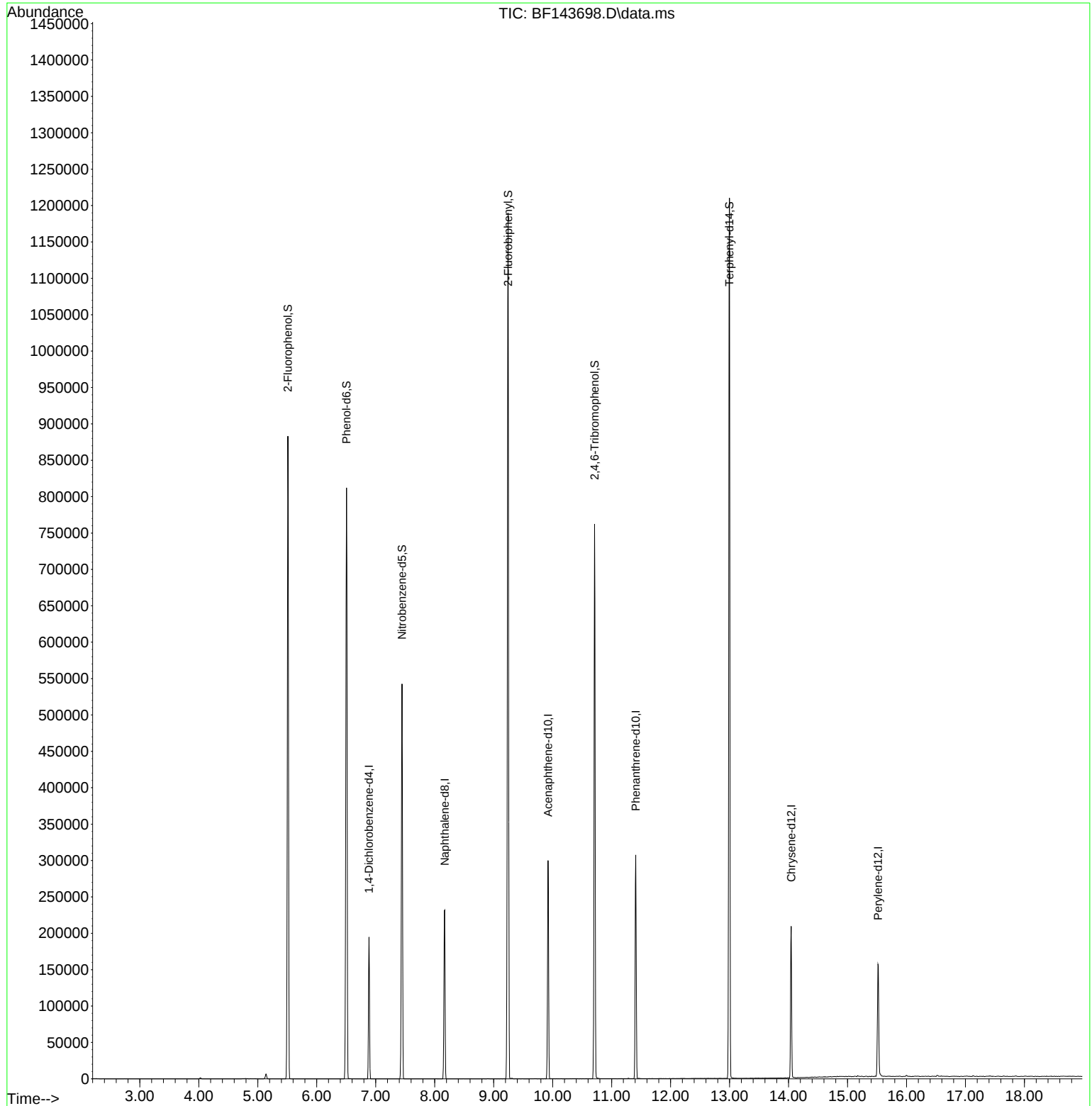
Target Compounds	Qvalue

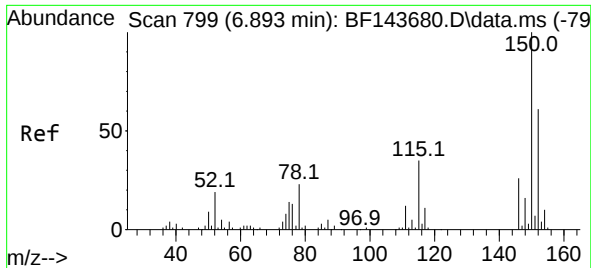
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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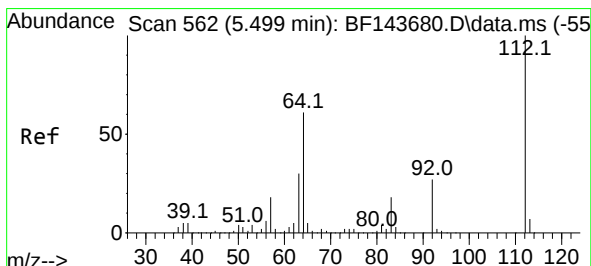
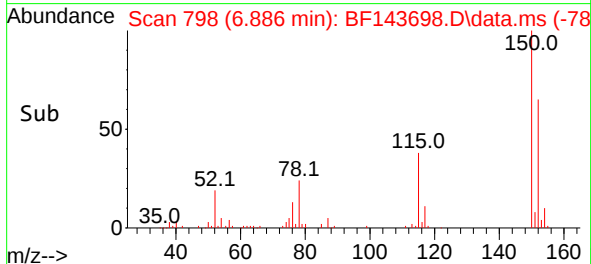
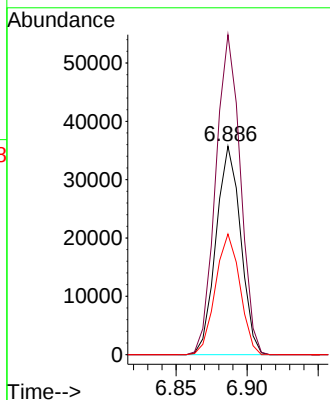
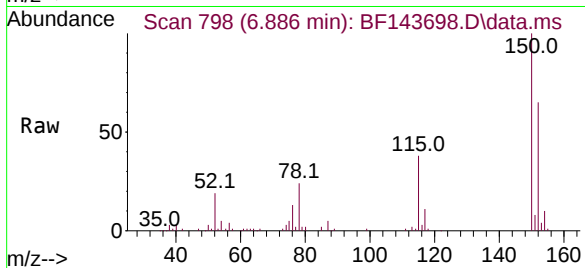




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 799
 Delta R.T. -0.007 min
 Lab File: BF143698.D
 Acq: 10 Sep 2025 12:41

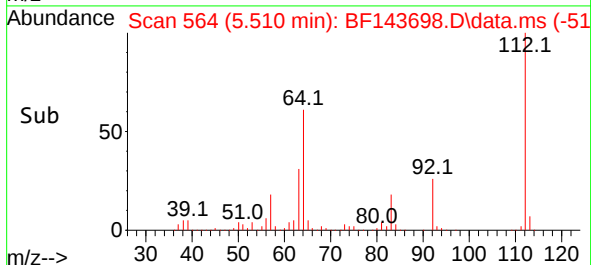
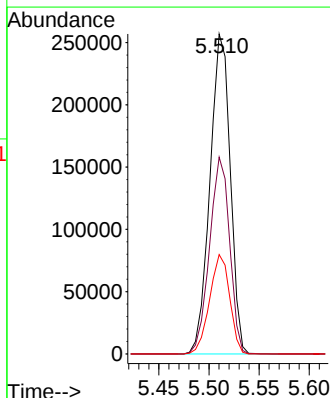
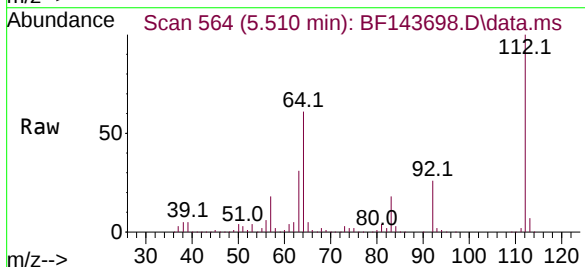
Instrument :
 BNA_F
 ClientSampleId :
 SP6869

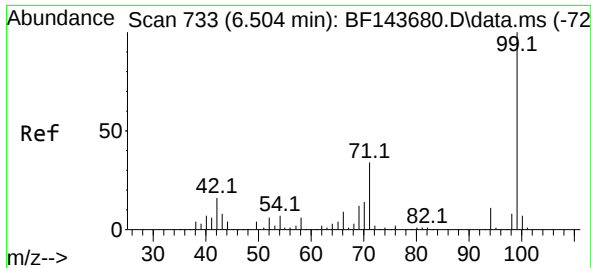
Tgt Ion:152 Resp: 43241
 Ion Ratio Lower Upper
 152 100
 150 153.5 130.7 196.1
 115 57.9 45.9 68.9



#5
 2-Fluorophenol
 Concen: 142.686 ng
 RT: 5.510 min Scan# 564
 Delta R.T. 0.011 min
 Lab File: BF143698.D
 Acq: 10 Sep 2025 12:41

Tgt Ion:112 Resp: 361628
 Ion Ratio Lower Upper
 112 100
 64 61.5 49.0 73.4
 63 31.0 24.3 36.5

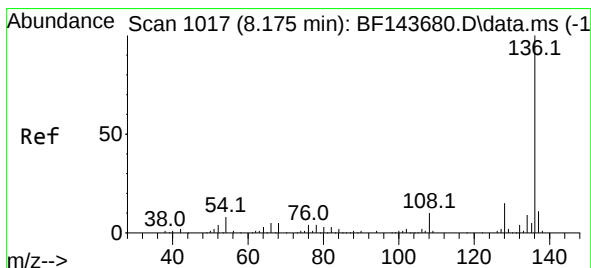
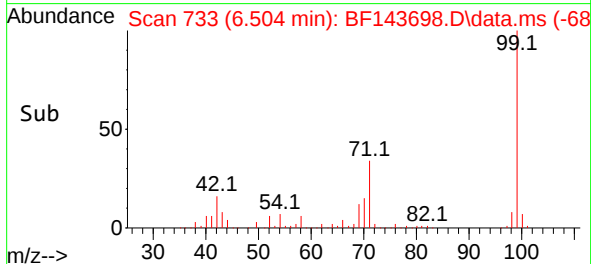
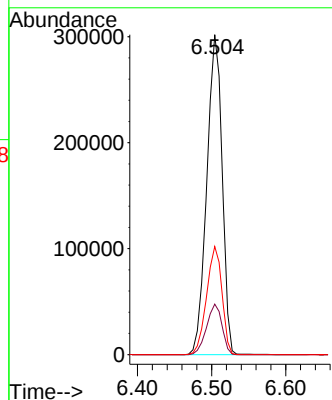
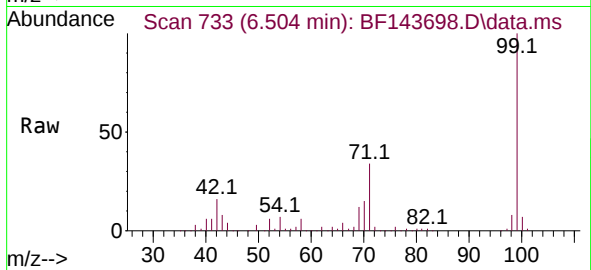




#7
Phenol-d6
Concen: 140.800 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF143698.D
Acq: 10 Sep 2025 12:41

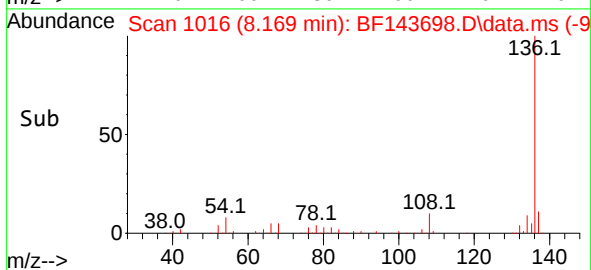
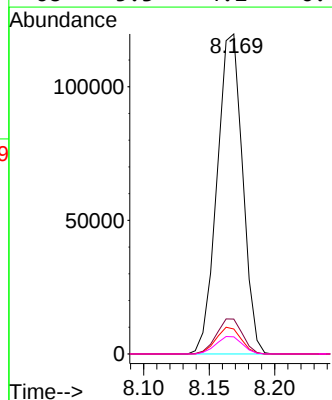
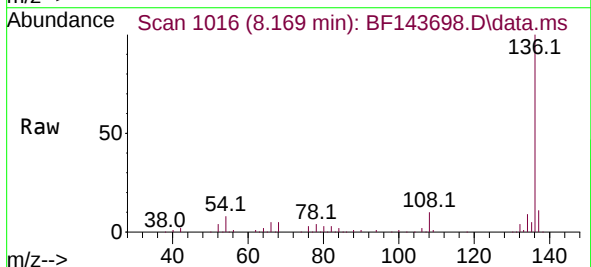
Instrument :
BNA_F
ClientSampleId :
SP6869

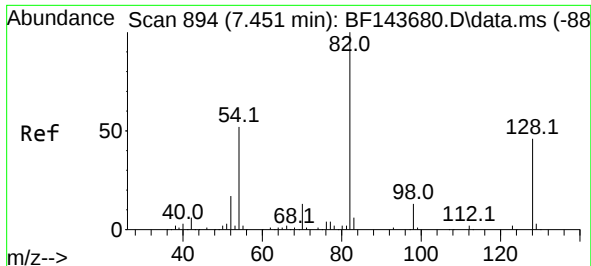
Tgt Ion: 99 Resp: 434497
Ion Ratio Lower Upper
99 100
42 15.8 13.0 19.4
71 33.8 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143698.D
Acq: 10 Sep 2025 12:41

Tgt Ion:136 Resp: 162291
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.8 6.2 9.2
68 5.3 4.2 6.4





#23

Nitrobenzene-d5

Concen: 97.786 ng

RT: 7.445 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF143698.D

Acq: 10 Sep 2025 12:41

Instrument :

BNA_F

ClientSampleId :

SP6869

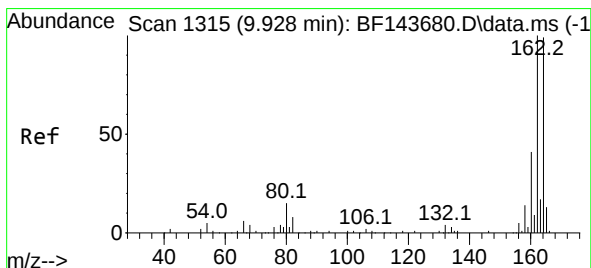
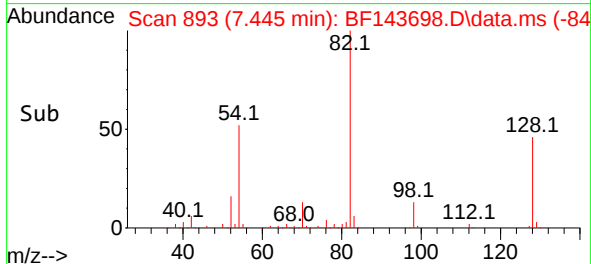
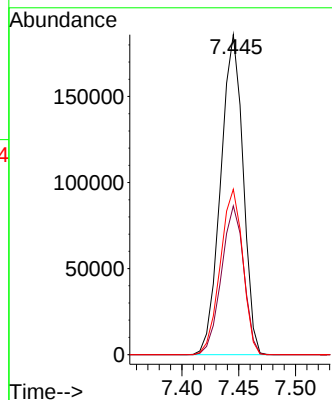
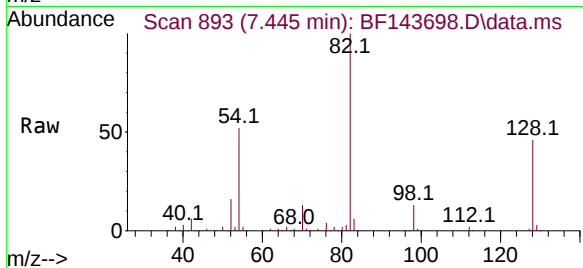
Tgt Ion: 82 Resp: 255138

Ion Ratio Lower Upper

82 100

128 46.5 37.0 55.4

54 51.7 41.8 62.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF143698.D

Acq: 10 Sep 2025 12:41

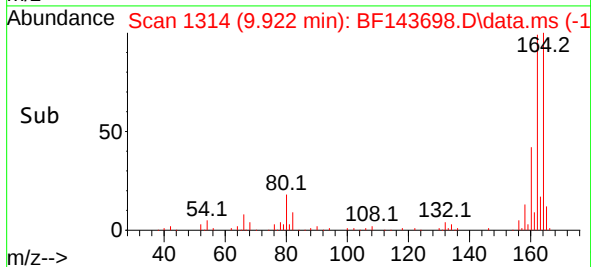
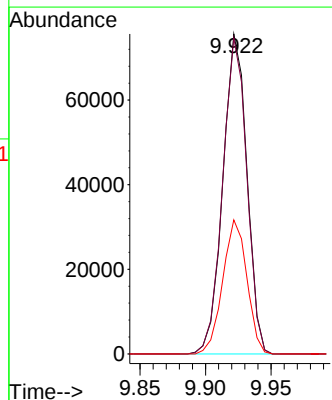
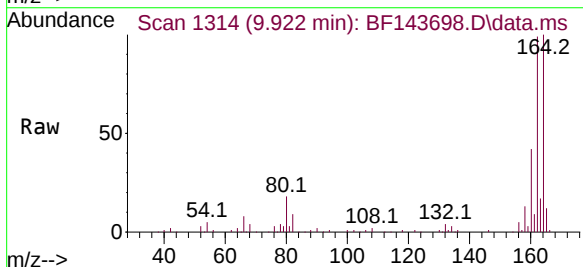
Tgt Ion:164 Resp: 96334

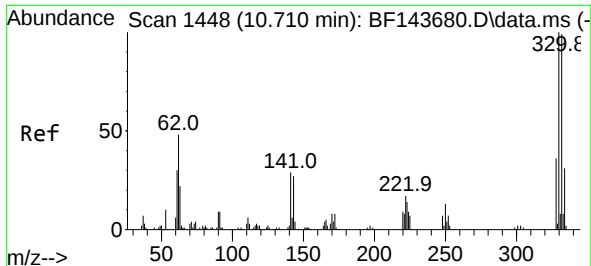
Ion Ratio Lower Upper

164 100

162 98.7 80.6 121.0

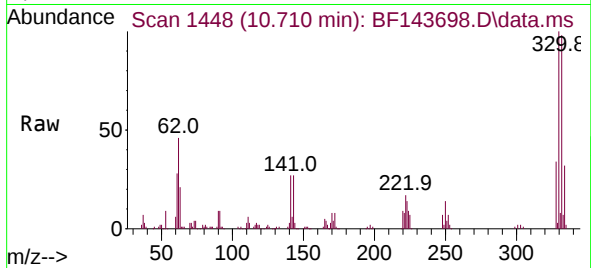
160 41.9 33.0 49.4



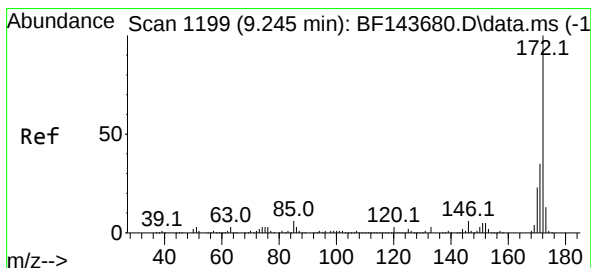
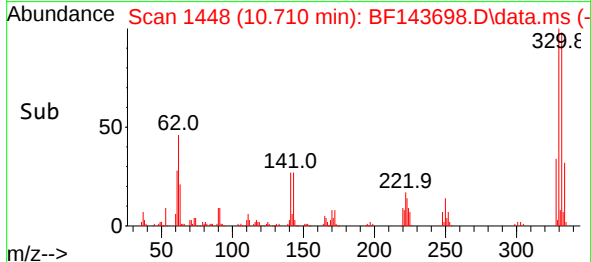
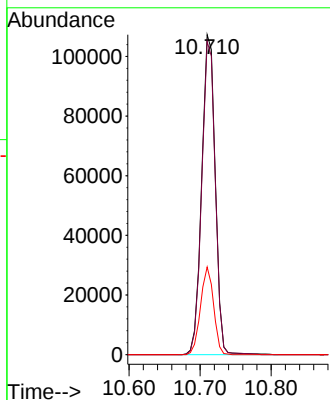


#42
2,4,6-Tribromophenol
Concen: 145.522 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF143698.D
Acq: 10 Sep 2025 12:41

Instrument :
BNA_F
ClientSampleId :
SP6869

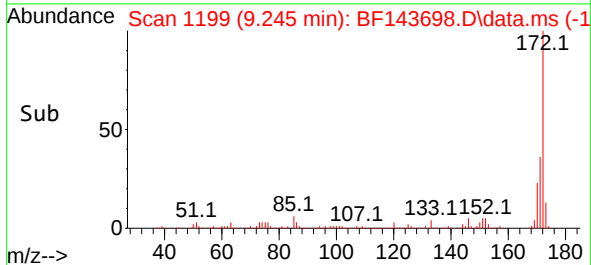
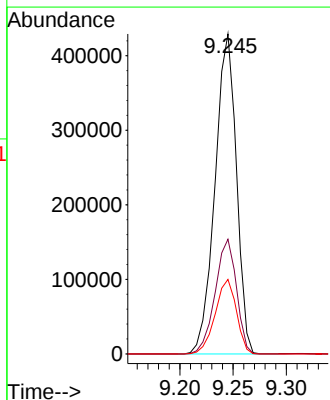
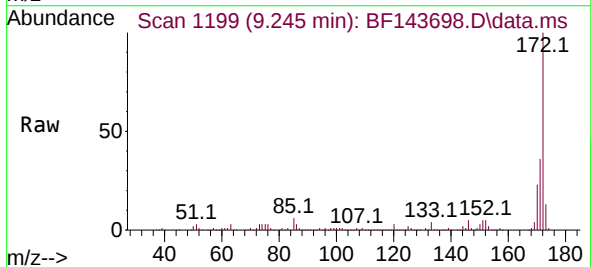


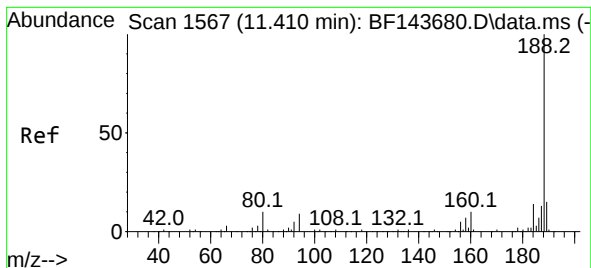
Tgt Ion:330 Resp: 141277
Ion Ratio Lower Upper
330 100
332 97.4 79.2 118.8
141 26.3 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 94.099 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF143698.D
Acq: 10 Sep 2025 12:41

Tgt Ion:172 Resp: 600085
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.3 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. -0.000 min

Lab File: BF143698.D

Acq: 10 Sep 2025 12:41

Instrument :

BNA_F

ClientSampleId :

SP6869

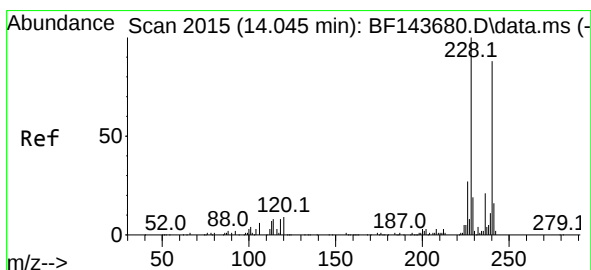
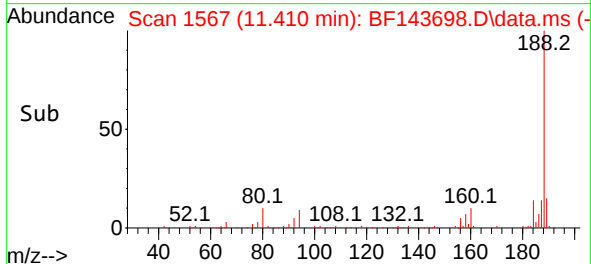
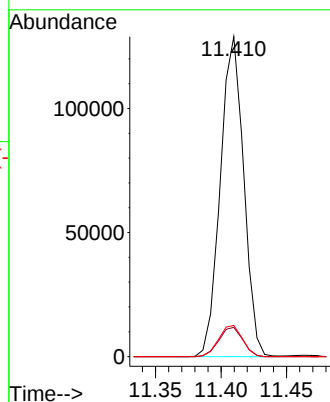
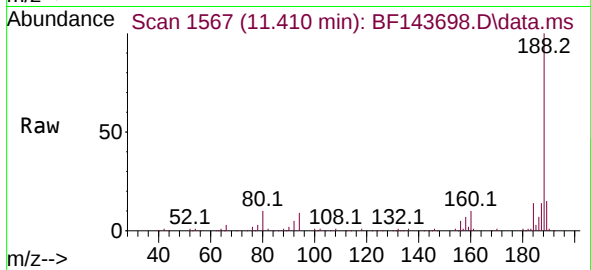
Tgt Ion:188 Resp: 160186

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.0

80 9.7 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF143698.D

Acq: 10 Sep 2025 12:41

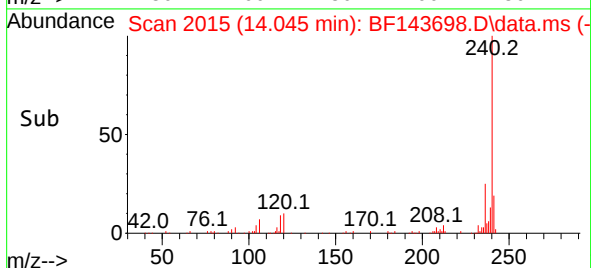
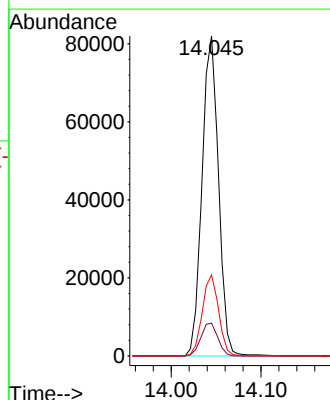
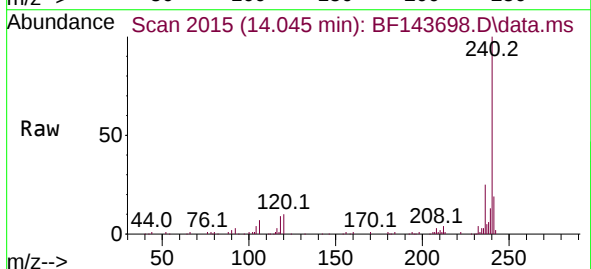
Tgt Ion:240 Resp: 104506

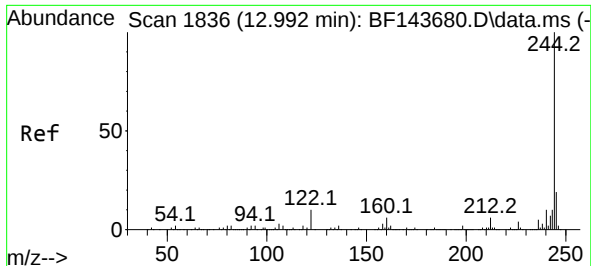
Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

236 25.3 18.6 28.0

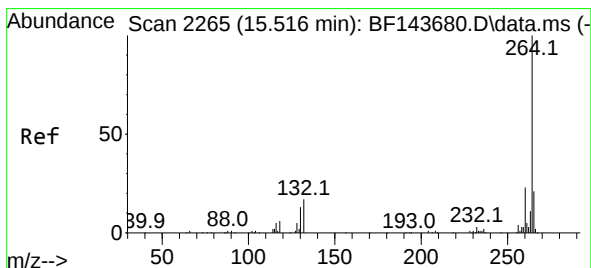
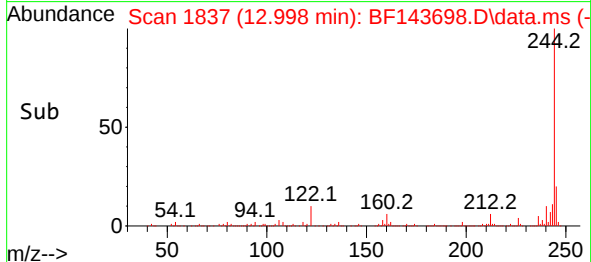
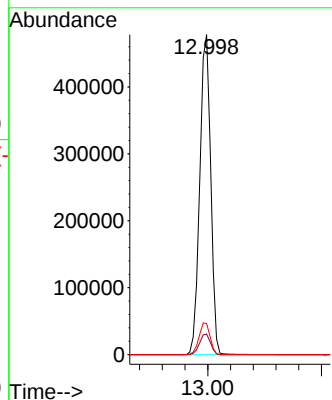
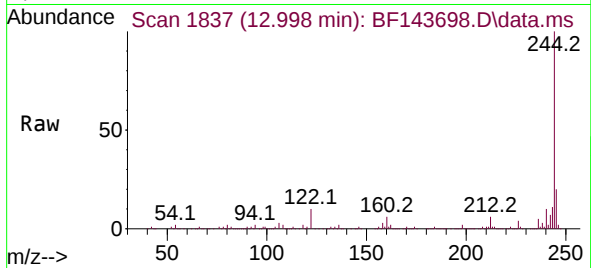




#79
 Terphenyl-d14
 Concen: 98.520 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.006 min
 Lab File: BF143698.D
 Acq: 10 Sep 2025 12:41

Instrument :
 BNA_F
 ClientSampleId :
 SP6869

Tgt Ion:244 Resp: 635346
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.6
 122 9.7 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2265
 Delta R.T. -0.000 min
 Lab File: BF143698.D
 Acq: 10 Sep 2025 12:41

Tgt Ion:264 Resp: 95807
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 21.0 17.1 25.7

