

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
 Data File : BF143776.D
 Acq On : 16 Sep 2025 16:53
 Operator : RC/JU
 Sample : PB169696BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169696BL

Quant Time: Sep 16 19:31:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 16 15:40:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	5265	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	17131	20.000	ng	-0.01
39) Acenaphthene-d10	9.927	164	9057	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	14619	20.000	ng	#-0.01
76) Chrysene-d12	14.063	240	7741	20.000	ng	-0.01
86) Perylene-d12	15.545	264	6965	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	42447	128.711	ng	0.00
7) Phenol-d6	6.510	99	49356	128.140	ng	-0.02
23) Nitrobenzene-d5	7.451	82	28033	96.828	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	11301	123.711	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	59869	91.000	ng	0.00
79) Terphenyl-d14	13.010	244	49454	99.500	ng	0.00

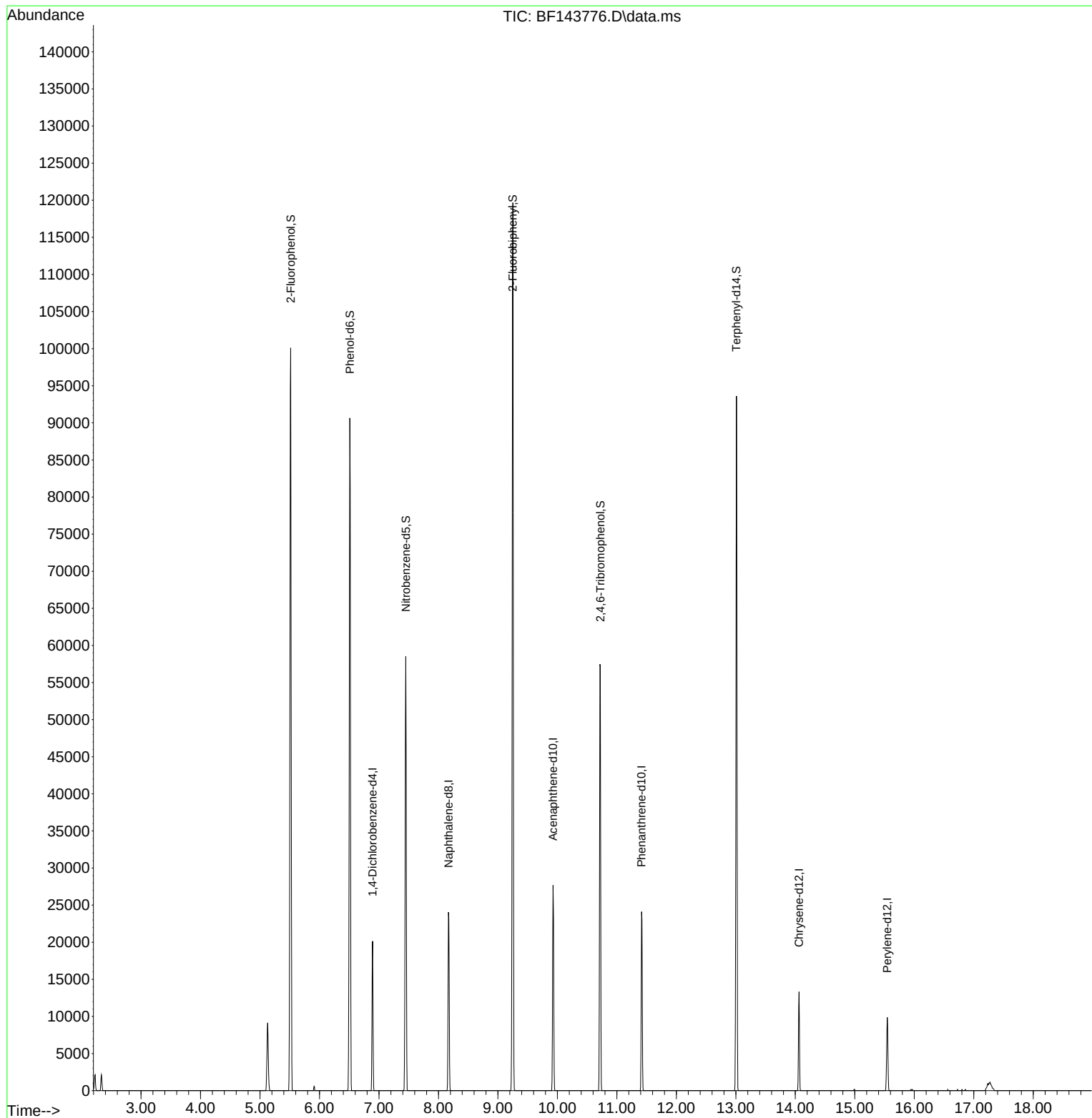
Target Compounds	Qvalue

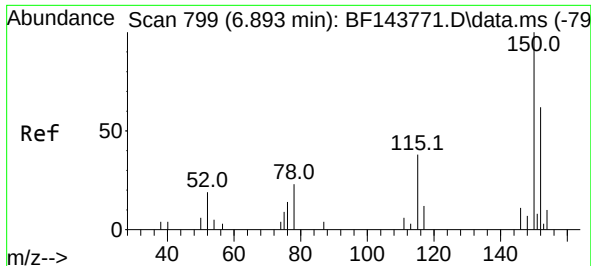
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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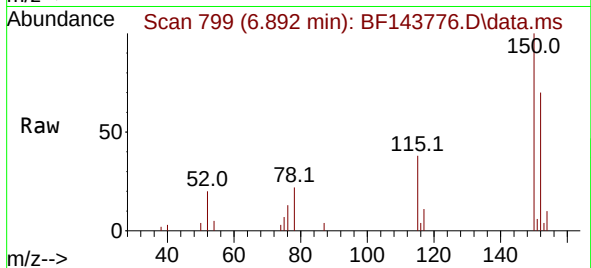
Quant Time: Sep 16 19:31:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
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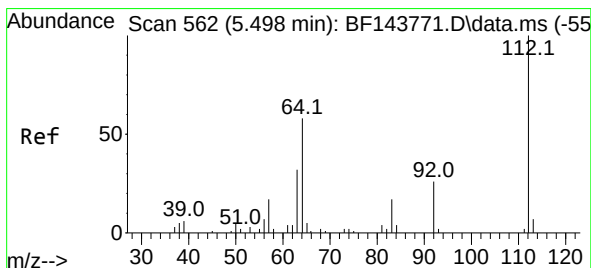
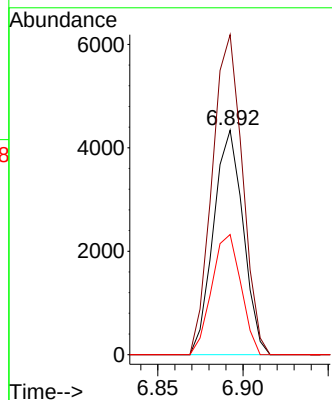
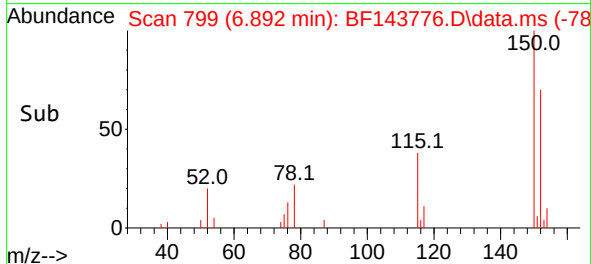


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF143776.D
Acq: 16 Sep 2025 16:53

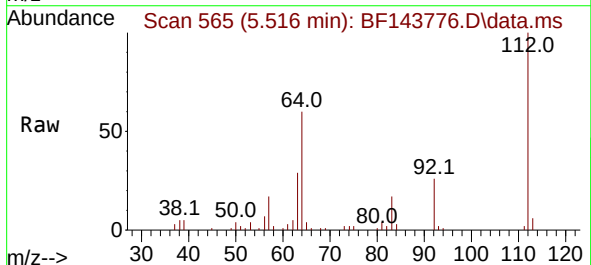
Instrument :
BNA_F
ClientSampleId :
PB169696BL



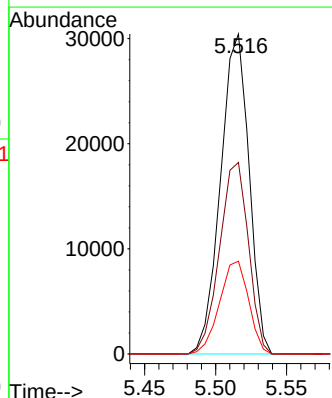
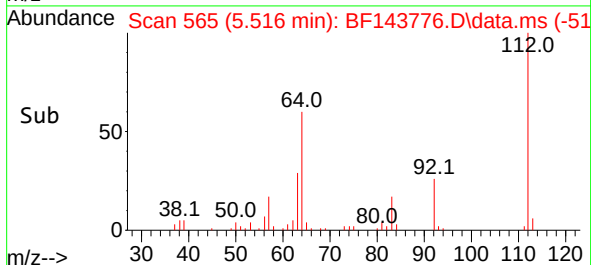
Tgt Ion:152 Resp: 5265
Ion Ratio Lower Upper
152 100
150 142.5 128.8 193.2
115 53.5 49.1 73.7

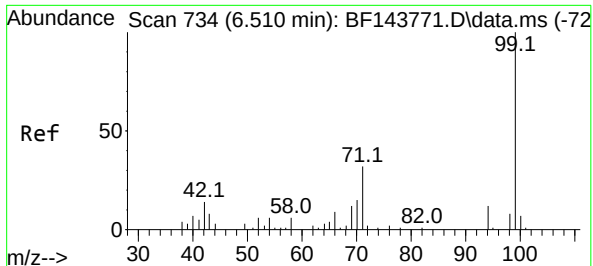


#5
2-Fluorophenol
Concen: 128.711 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF143776.D
Acq: 16 Sep 2025 16:53



Tgt Ion:112 Resp: 42447
Ion Ratio Lower Upper
112 100
64 59.9 46.3 69.5
63 29.0 25.4 38.2

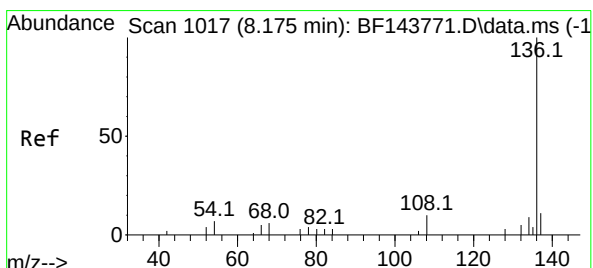
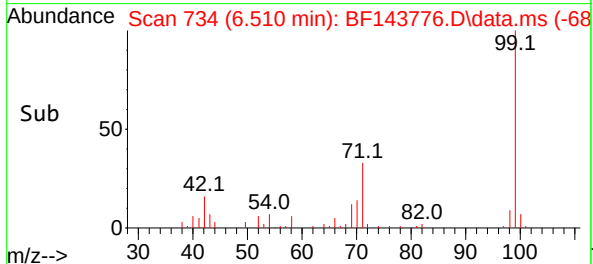
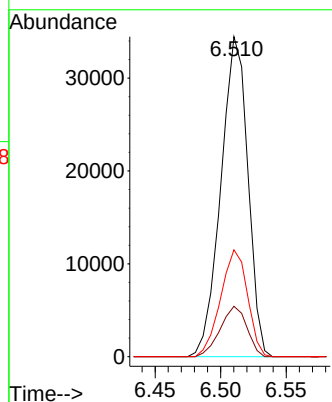
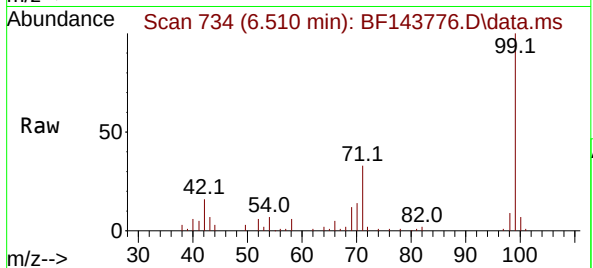




#7
Phenol-d6
Concen: 128.140 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF143776.D
Acq: 16 Sep 2025 16:53

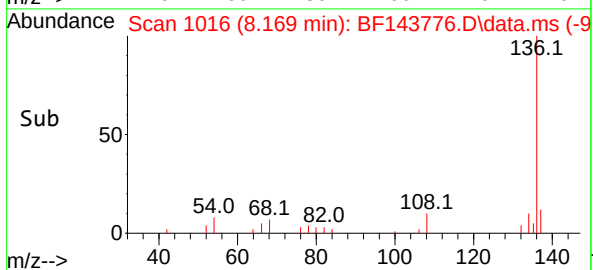
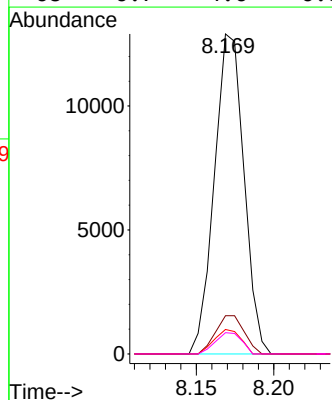
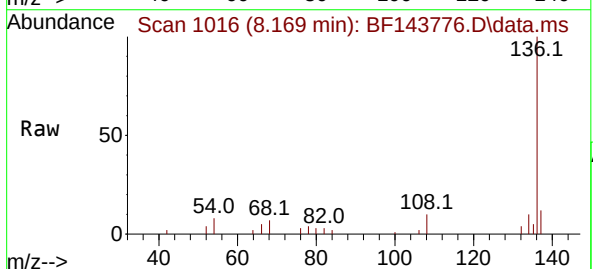
Instrument :
BNA_F
ClientSampleId :
PB169696BL

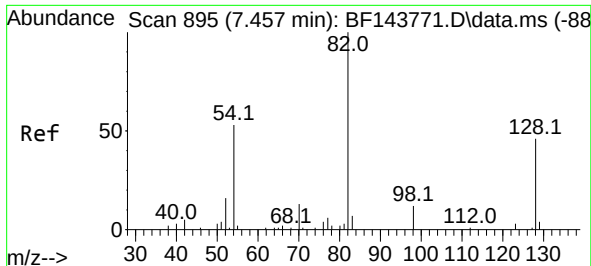
Tgt Ion: 99 Resp: 49356
Ion Ratio Lower Upper
99 100
42 15.7 11.5 17.3
71 33.4 25.4 38.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF143776.D
Acq: 16 Sep 2025 16:53

Tgt Ion:136 Resp: 17131
Ion Ratio Lower Upper
136 100
137 11.9 8.9 13.3
54 7.7 5.9 8.9
68 6.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 96.828 ng

RT: 7.451 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF143776.D

Acq: 16 Sep 2025 16:53

Instrument :

BNA_F

ClientSampleId :

PB169696BL

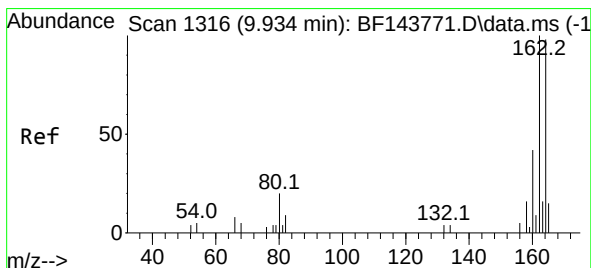
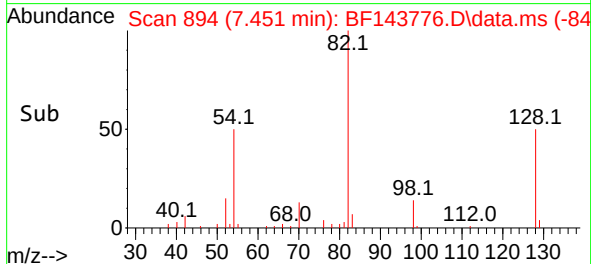
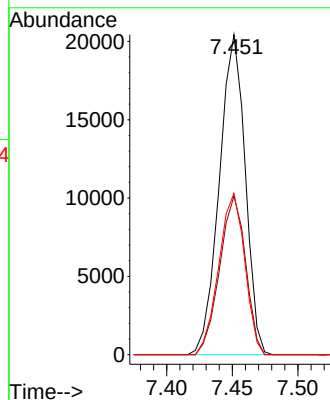
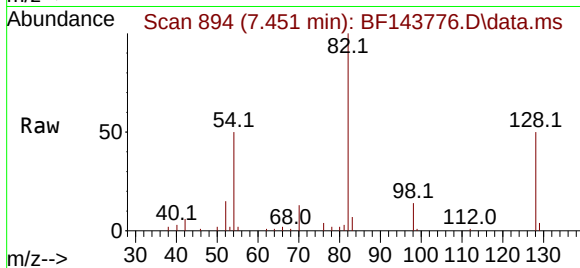
Tgt Ion: 82 Resp: 28033

Ion Ratio Lower Upper

82 100

128 49.5 36.6 55.0

54 50.4 41.9 62.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF143776.D

Acq: 16 Sep 2025 16:53

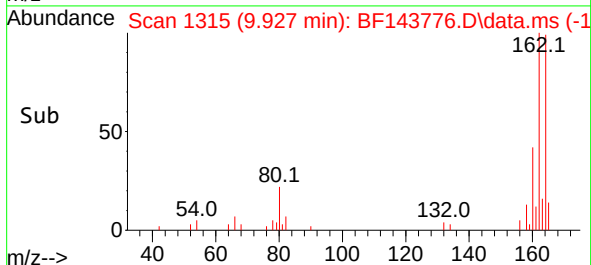
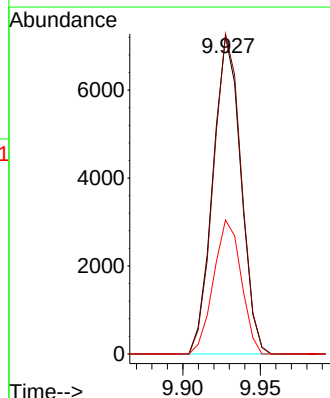
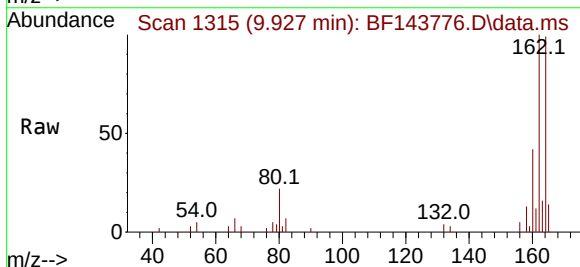
Tgt Ion:164 Resp: 9057

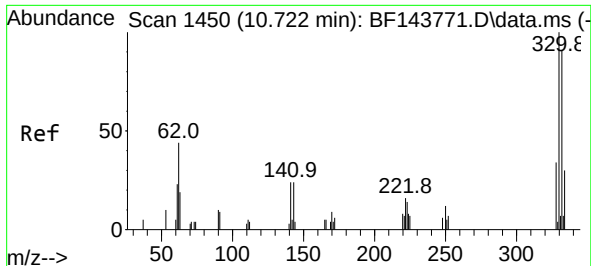
Ion Ratio Lower Upper

164 100

162 100.7 81.5 122.3

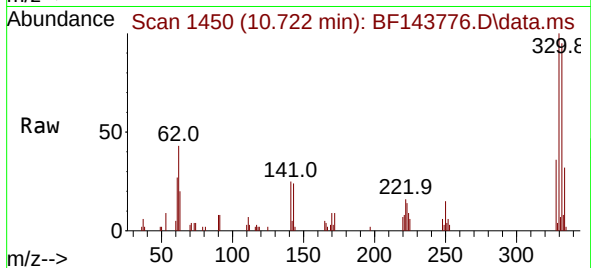
160 42.2 33.9 50.9



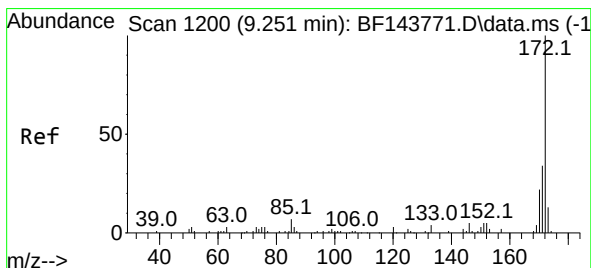
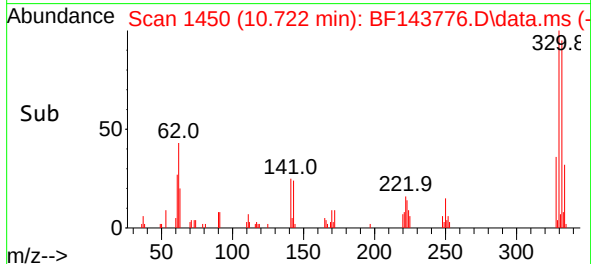
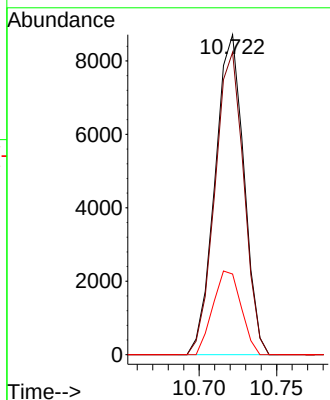


#42
2,4,6-Tribromophenol
Concen: 123.711 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF143776.D
Acq: 16 Sep 2025 16:53

Instrument :
BNA_F
ClientSampleId :
PB169696BL

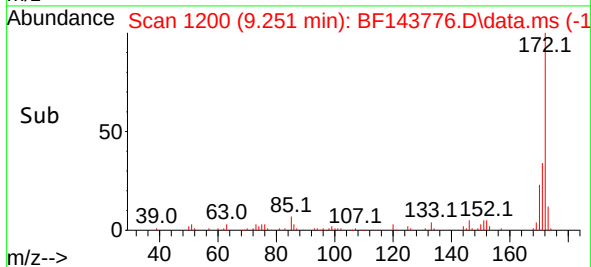
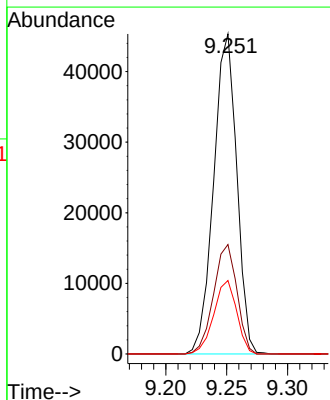
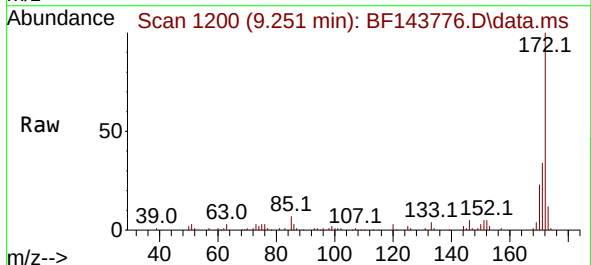


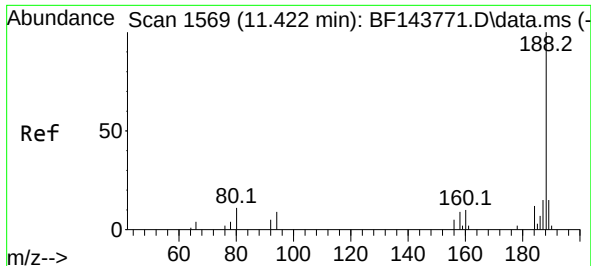
Tgt Ion: 330 Resp: 11301
Ion Ratio Lower Upper
330 100
332 94.3 72.0 108.0
141 25.5 20.3 30.5



#45
2-Fluorobiphenyl
Concen: 91.000 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF143776.D
Acq: 16 Sep 2025 16:53

Tgt Ion: 172 Resp: 59869
Ion Ratio Lower Upper
172 100
171 34.2 27.5 41.3
170 23.0 17.7 26.5

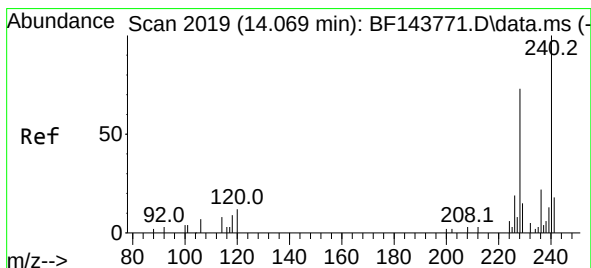
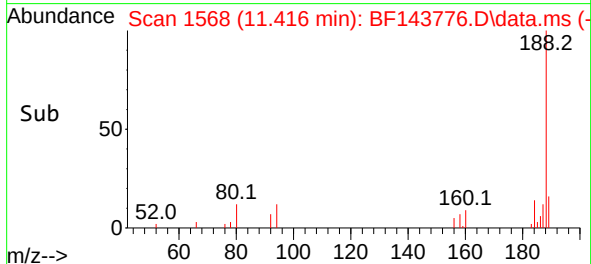
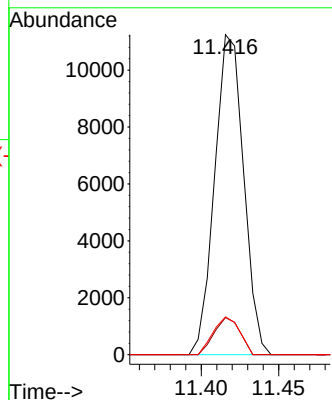
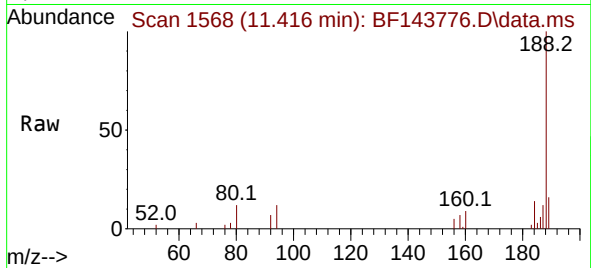




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143776.D
Acq: 16 Sep 2025 16:53

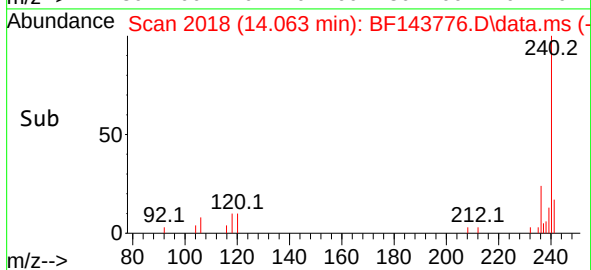
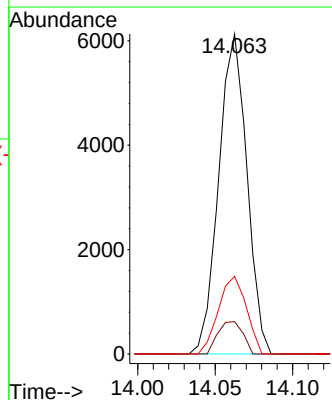
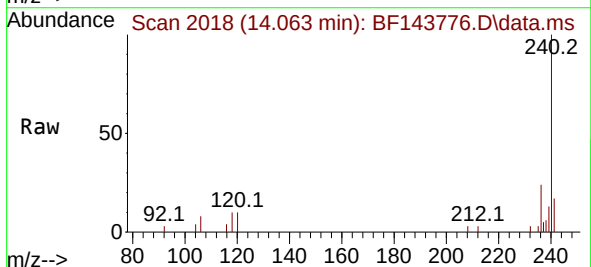
Instrument :
BNA_F
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PB169696BL

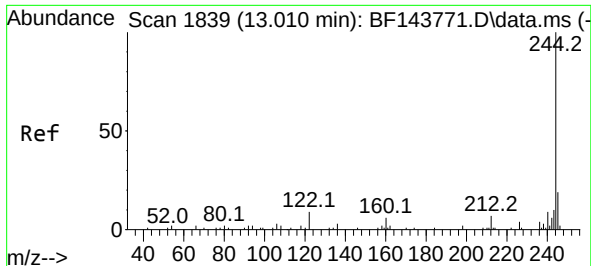
Tgt Ion:188 Resp: 14619
Ion Ratio Lower Upper
188 100
94 11.6 7.5 11.3#
80 11.8 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF143776.D
Acq: 16 Sep 2025 16:53

Tgt Ion:240 Resp: 7741
Ion Ratio Lower Upper
240 100
120 10.1 9.3 13.9
236 24.3 17.7 26.5

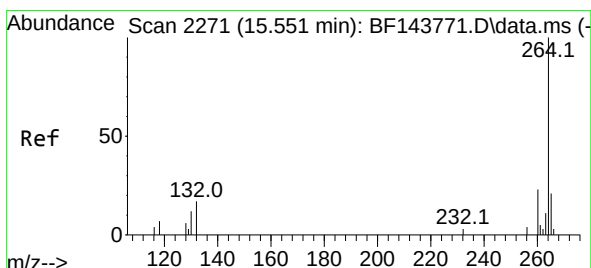
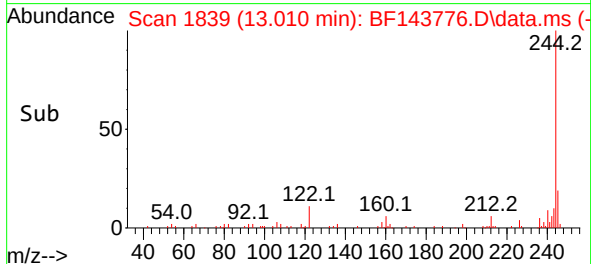
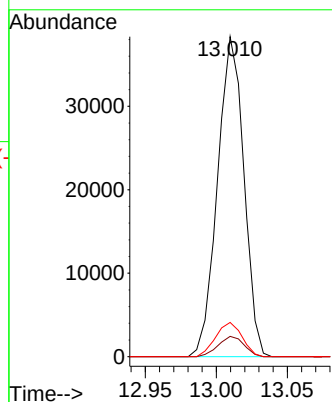
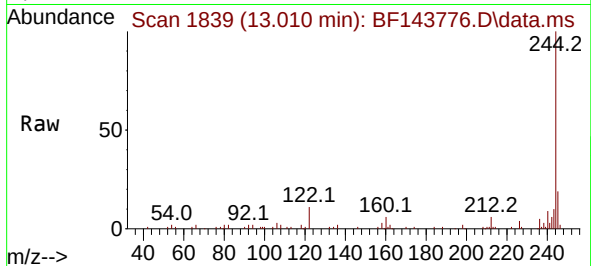




#79
 Terphenyl-d14
 Concen: 99.500 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF143776.D
 Acq: 16 Sep 2025 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB169696BL

Tgt Ion:244 Resp: 49454
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.2 7.8
 122 10.7 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. -0.012 min
 Lab File: BF143776.D
 Acq: 16 Sep 2025 16:53

Tgt Ion:264 Resp: 6965
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 27.8
 265 20.8 16.9 25.3

