

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090825\
 Data File : BF143660.D
 Acq On : 08 Sep 2025 09:50
 Operator : RC/JU
 Sample : PB169499BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169499BL

Quant Time: Sep 08 11:47:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 03 18:35:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	60517	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	231537	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	133580	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	225126	20.000	ng	0.00
76) Chrysene-d12	14.039	240	146701	20.000	ng	-0.01
86) Perylene-d12	15.515	264	134883	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	491883	143.993	ng	0.01
7) Phenol-d6	6.504	99	593609	140.009	ng	0.00
23) Nitrobenzene-d5	7.445	82	362621	110.075	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	182231	163.139	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	829709	99.236	ng	0.00
79) Terphenyl-d14	12.998	244	875849	99.479	ng	0.00

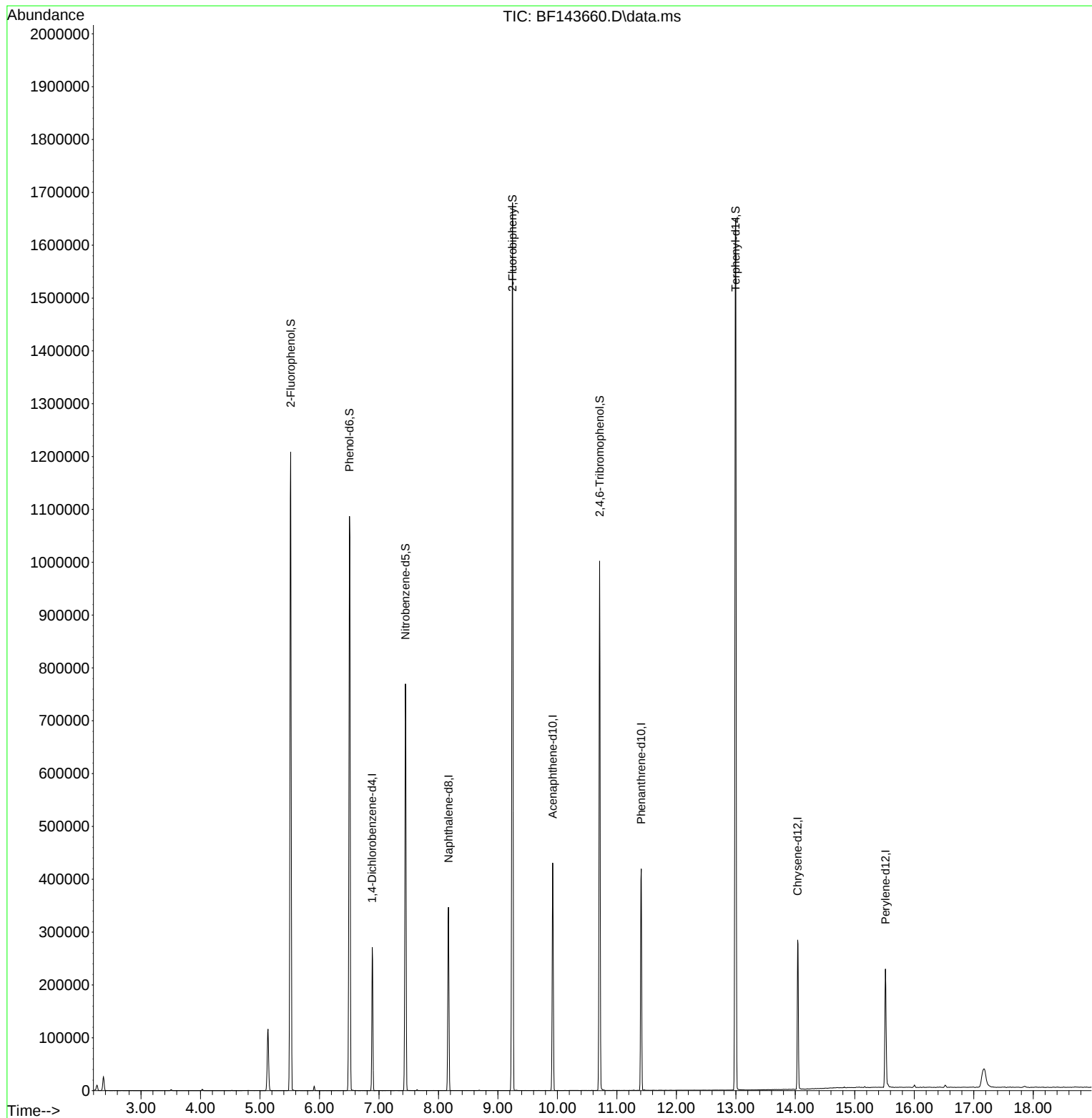
Target Compounds	Qvalue

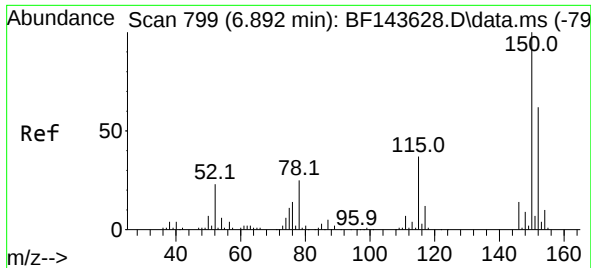
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090825\
Data File : BF143660.D
Acq On : 08 Sep 2025 09:50
Operator : RC/JU
Sample : PB169499BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169499BL

Quant Time: Sep 08 11:47:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 03 18:35:49 2025
Response via : Initial Calibration

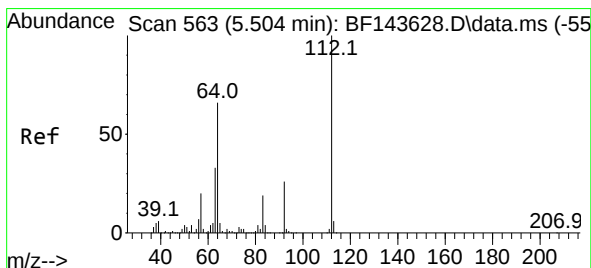
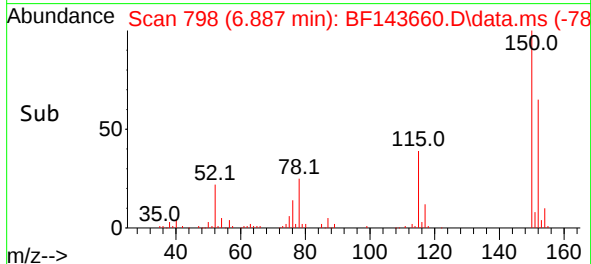
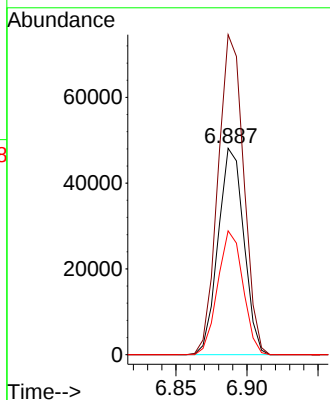
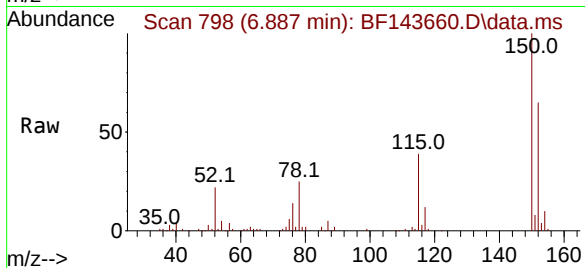




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 799
Delta R.T. -0.005 min
Lab File: BF143660.D
Acq: 08 Sep 2025 09:50

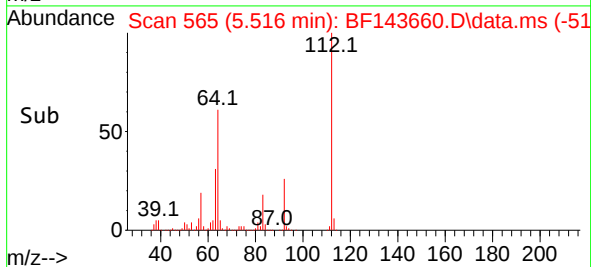
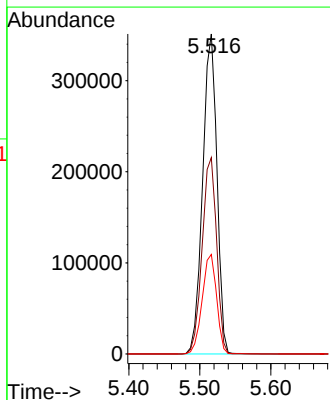
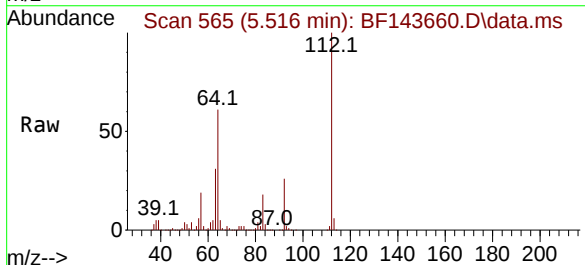
Instrument :
BNA_F
ClientSampleId :
PB169499BL

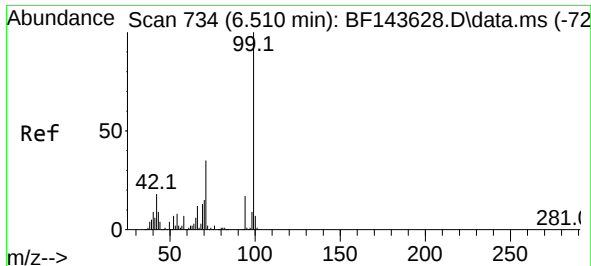
Tgt Ion:152 Resp: 60517
Ion Ratio Lower Upper
152 100
150 155.0 128.4 192.6
115 60.0 47.9 71.9



#5
2-Fluorophenol
Concen: 143.993 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF143660.D
Acq: 08 Sep 2025 09:50

Tgt Ion:112 Resp: 491883
Ion Ratio Lower Upper
112 100
64 61.4 52.7 79.1
63 31.1 26.5 39.7

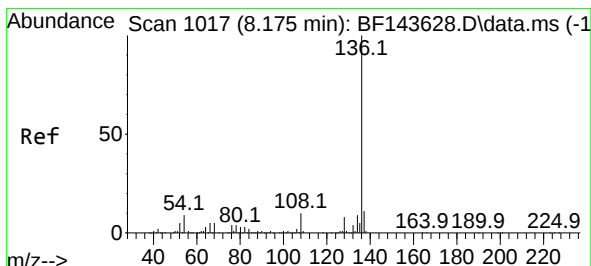
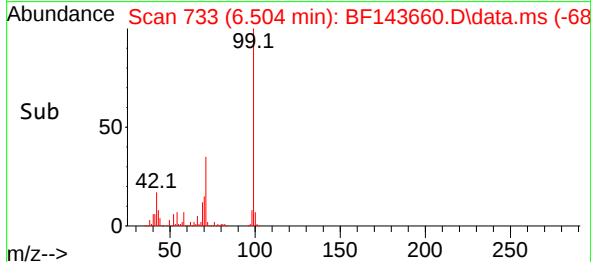
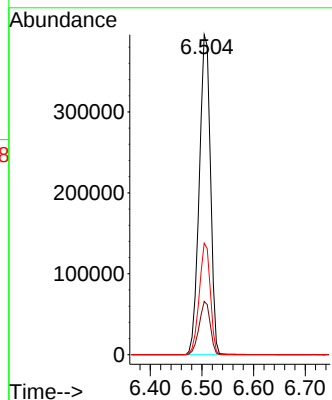
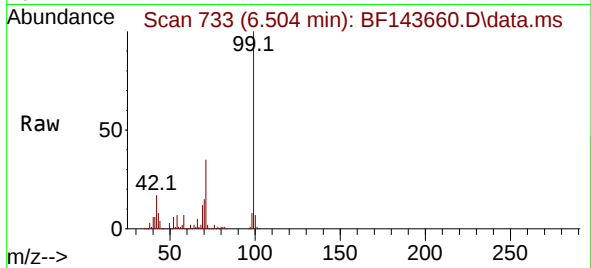




#7
Phenol-d6
Concen: 140.009 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143660.D
Acq: 08 Sep 2025 09:50

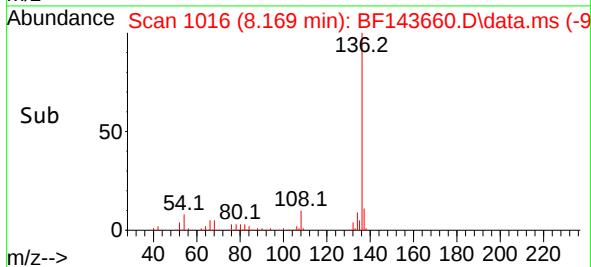
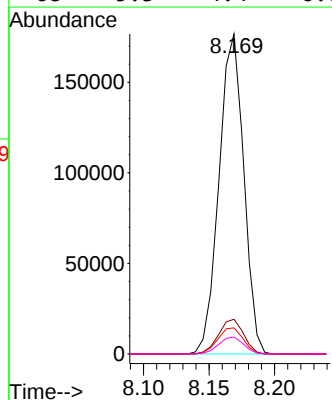
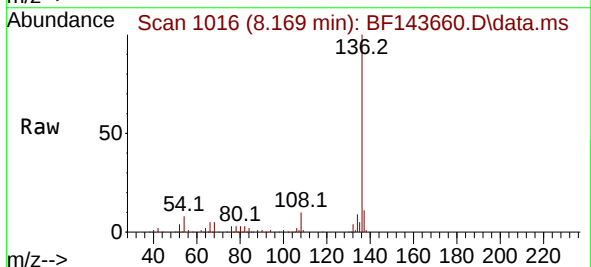
Instrument :
BNA_F
ClientSampleId :
PB169499BL

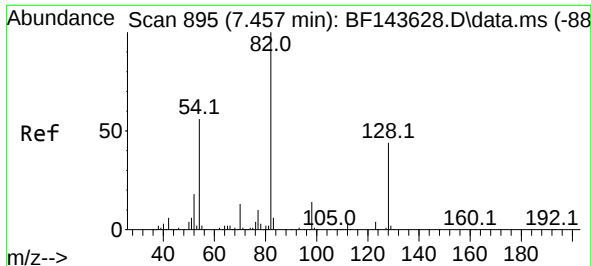
Tgt Ion: 99 Resp: 593609
Ion Ratio Lower Upper
99 100
42 16.7 14.6 22.0
71 34.9 28.0 42.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143660.D
Acq: 08 Sep 2025 09:50

Tgt Ion: 136 Resp: 231537
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.1 7.3 10.9
68 5.3 4.4 6.6





#23

Nitrobenzene-d5

Concen: 110.075 ng

RT: 7.445 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF143660.D

Acq: 08 Sep 2025 09:50

Instrument :

BNA_F

ClientSampleId :

PB169499BL

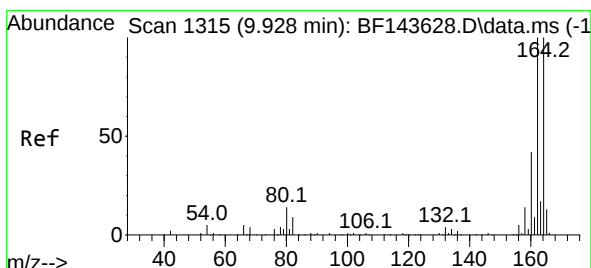
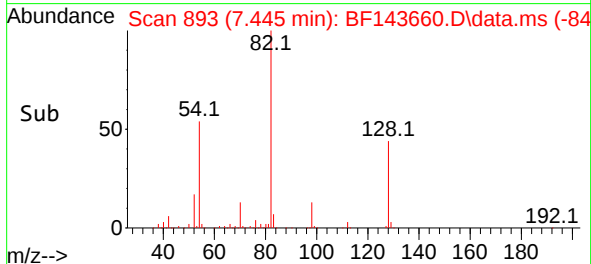
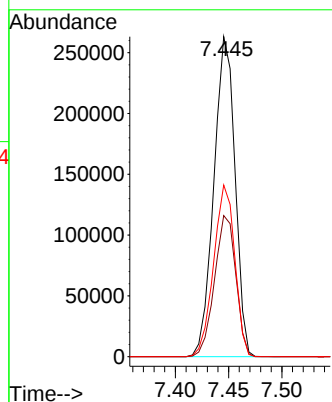
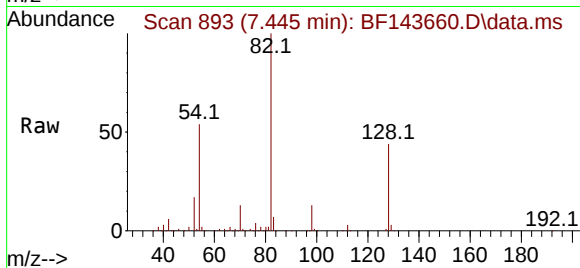
Tgt Ion: 82 Resp: 362621

Ion Ratio Lower Upper

82 100

128 44.1 34.7 52.1

54 53.6 44.8 67.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF143660.D

Acq: 08 Sep 2025 09:50

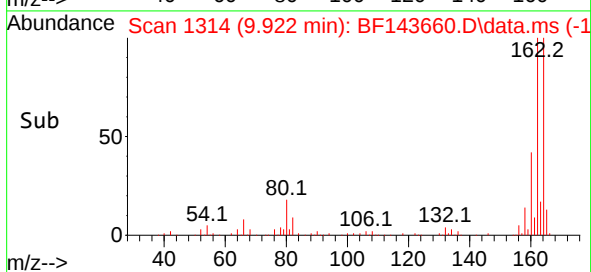
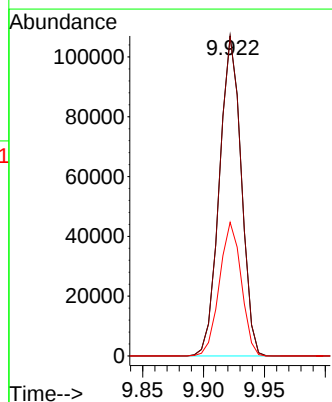
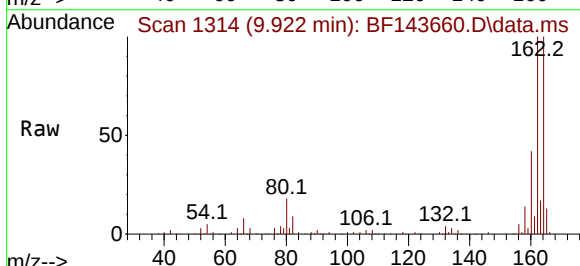
Tgt Ion:164 Resp: 133580

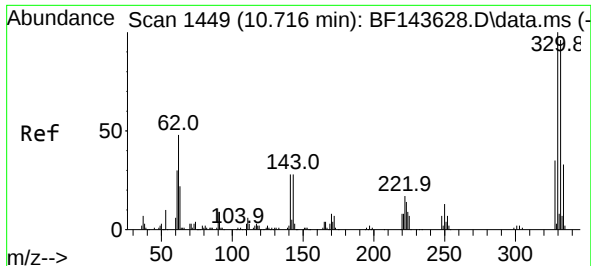
Ion Ratio Lower Upper

164 100

162 99.7 80.3 120.5

160 41.7 34.0 51.0

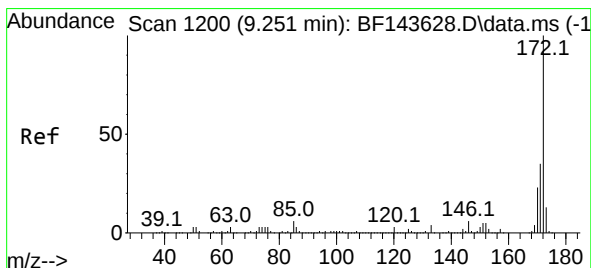
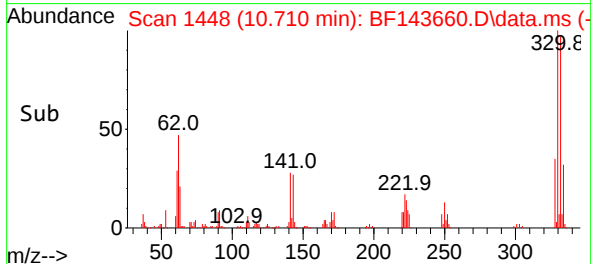
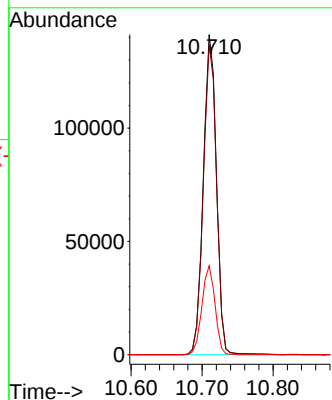
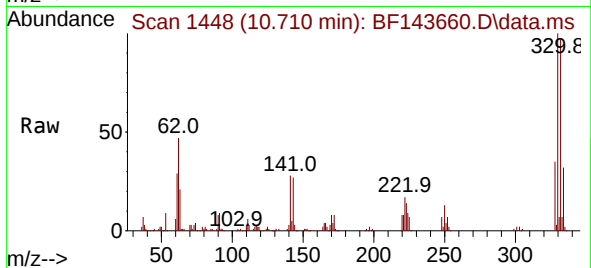




#42
2,4,6-Tribromophenol
Concen: 163.139 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143660.D
Acq: 08 Sep 2025 09:50

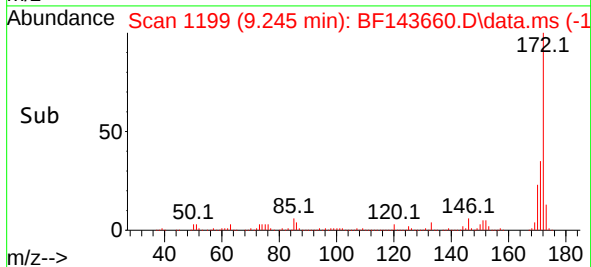
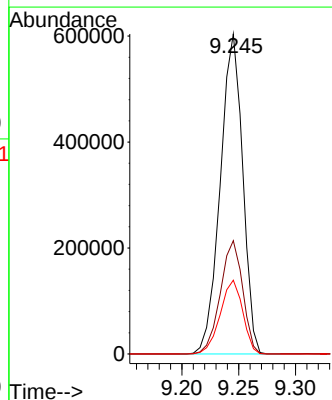
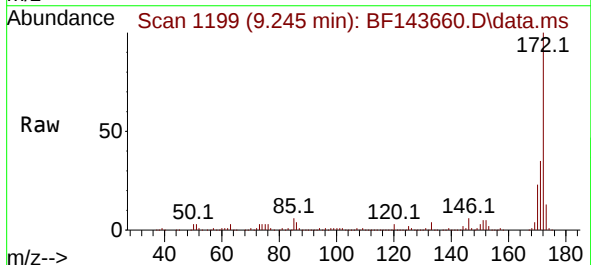
Instrument :
BNA_F
ClientSampleId :
PB169499BL

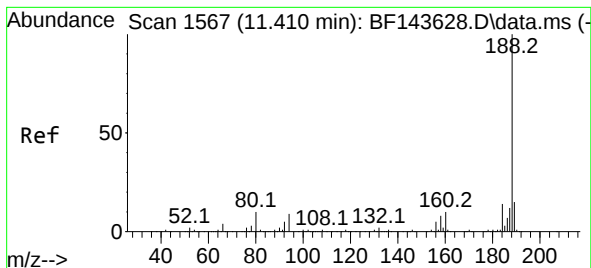
Tgt Ion:330 Resp: 182231
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 27.7 23.5 35.3



#45
2-Fluorobiphenyl
Concen: 99.236 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143660.D
Acq: 08 Sep 2025 09:50

Tgt Ion:172 Resp: 829709
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.1 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143660.D

Acq: 08 Sep 2025 09:50

Instrument :

BNA_F

ClientSampleId :

PB169499BL

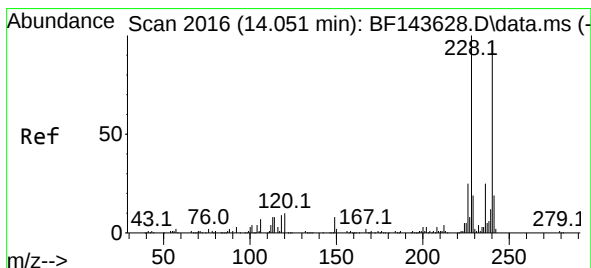
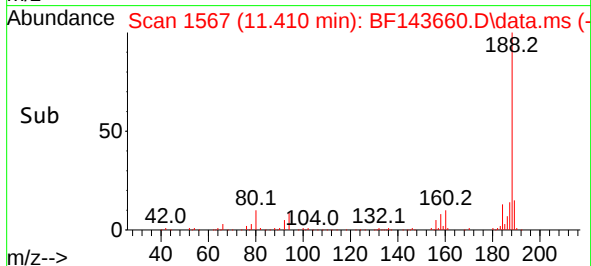
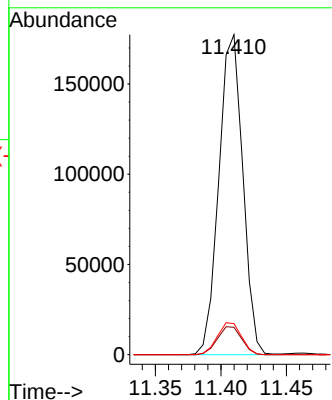
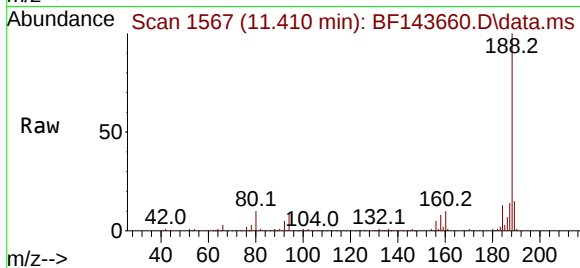
Tgt Ion:188 Resp: 225126

Ion Ratio Lower Upper

188 100

94 8.6 7.5 11.3

80 9.7 8.4 12.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF143660.D

Acq: 08 Sep 2025 09:50

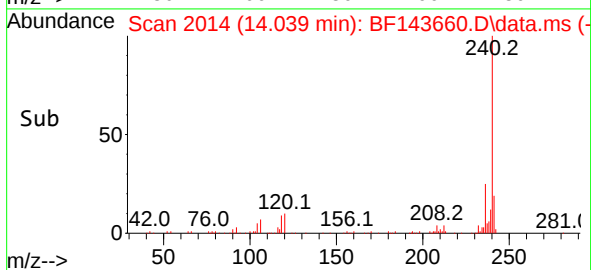
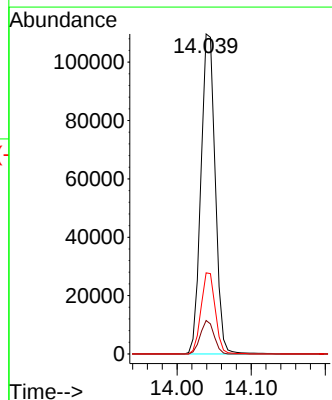
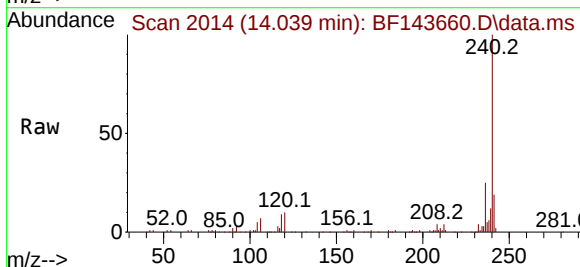
Tgt Ion:240 Resp: 146701

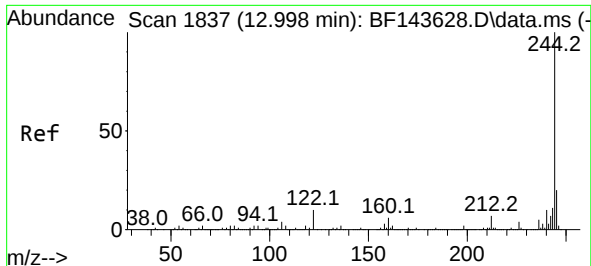
Ion Ratio Lower Upper

240 100

120 10.5 8.0 12.0

236 25.3 20.5 30.7

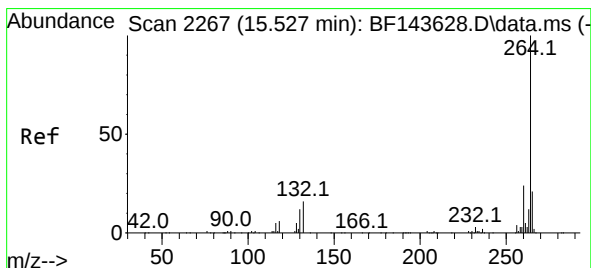
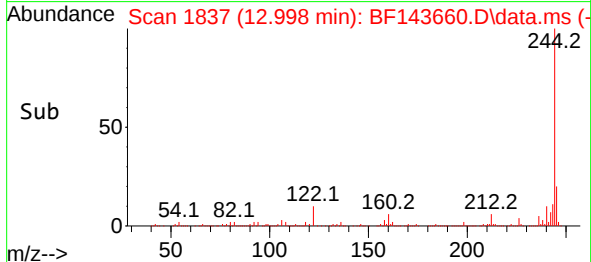
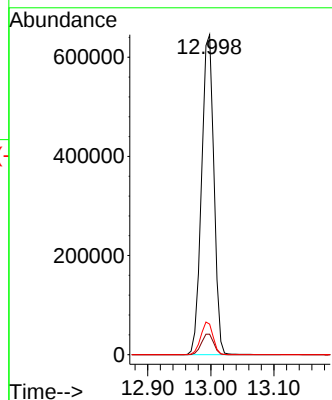
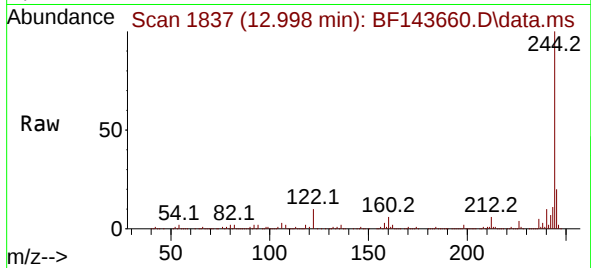




#79
 Terphenyl-d14
 Concen: 99.479 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF143660.D
 Acq: 08 Sep 2025 09:50

Instrument :
 BNA_F
 ClientSampleId :
 PB169499BL

Tgt Ion:244 Resp: 875849
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 9.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2265
 Delta R.T. -0.012 min
 Lab File: BF143660.D
 Acq: 08 Sep 2025 09:50

Tgt Ion:264 Resp: 134883
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.9 28.3
 265 21.0 17.1 25.7

