

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
 Data File : BF143053.D
 Acq On : 09 Jul 2025 13:27
 Operator : RC/JU
 Sample : Q2489-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G2(6-12)

Quant Time: Jul 09 13:53:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	47477	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	177768	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	89876	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	143550	20.000	ng	0.00
76) Chrysene-d12	14.051	240	84373	20.000	ng	0.00
86) Perylene-d12	15.545	264	99394	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	337710	118.428	ng	0.00
7) Phenol-d6	6.504	99	343773	102.182	ng	0.00
23) Nitrobenzene-d5	7.434	82	279571	86.262	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	127228	137.561	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	585030	85.511	ng	-0.01
79) Terphenyl-d14	12.992	244	480616	78.706	ng	0.00

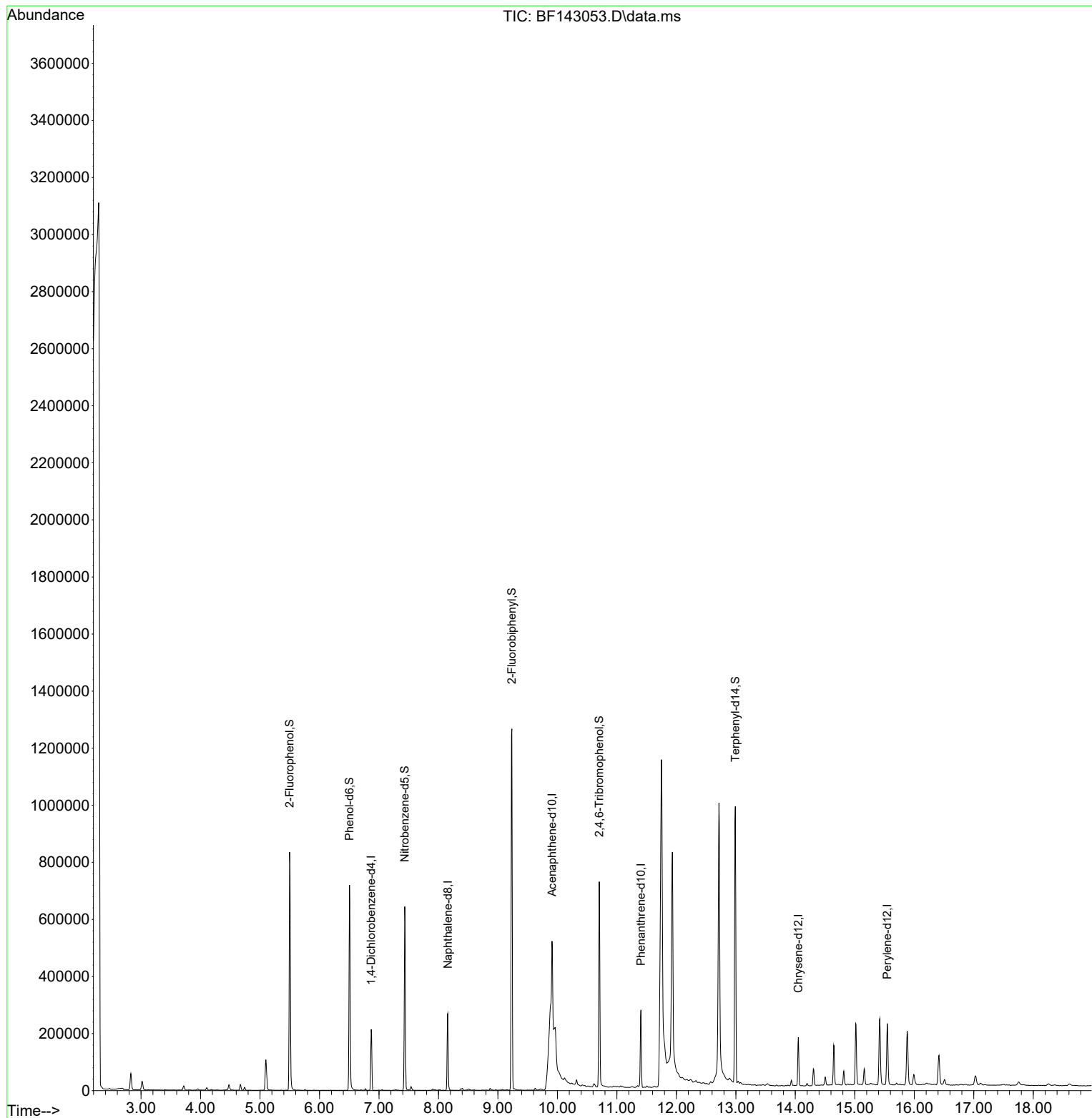
Target Compounds	Qvalue

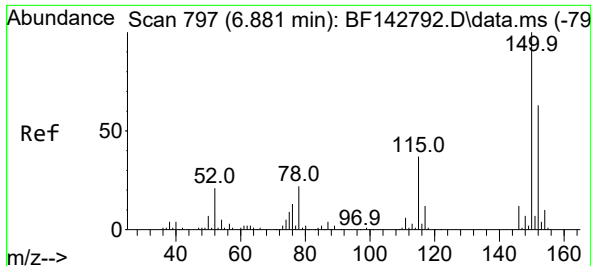
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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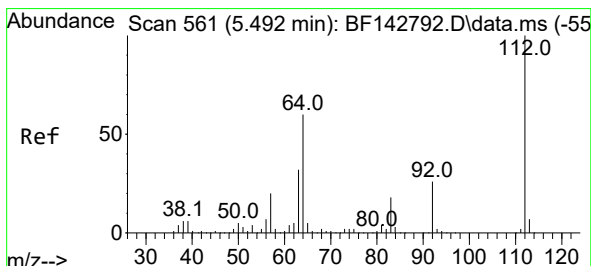
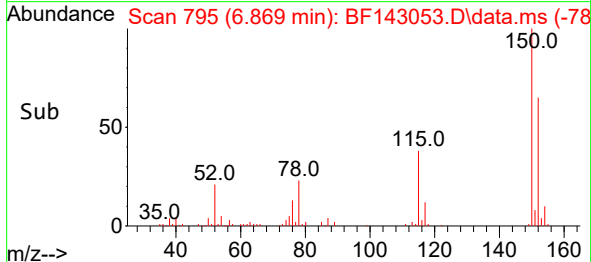
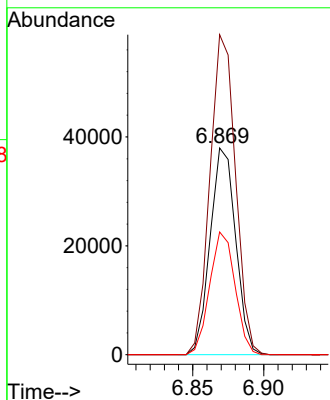
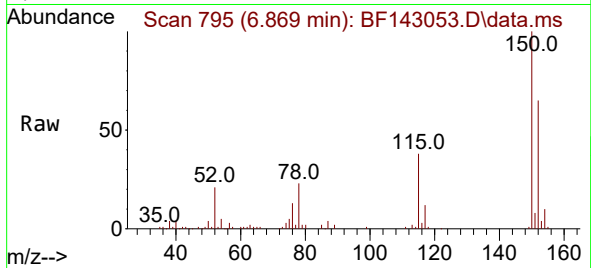




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 797
 Delta R.T. -0.012 min
 Lab File: BF143053.D
 Acq: 09 Jul 2025 13:27

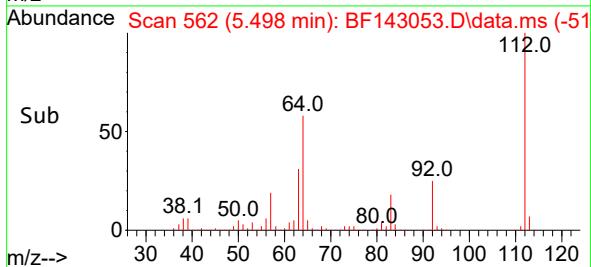
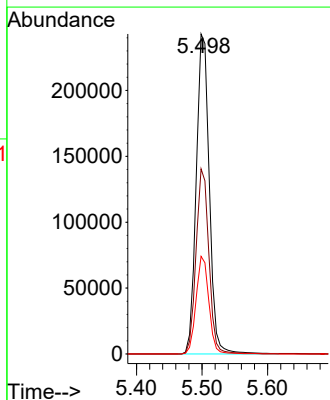
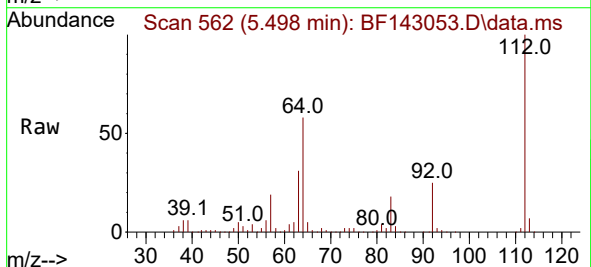
Instrument :
 BNA_F
 ClientSampleId :
 G2(6-12)

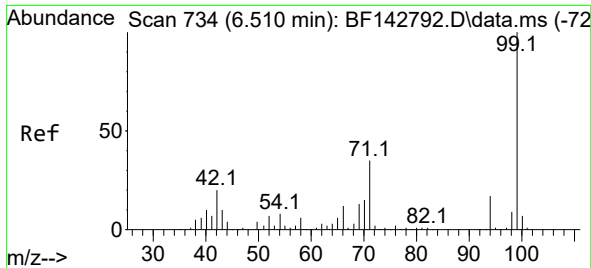
Tgt Ion:152 Resp: 47477
 Ion Ratio Lower Upper
 152 100
 150 154.7 127.2 190.8
 115 59.3 46.6 69.8



#5
 2-Fluorophenol
 Concen: 118.428 ng
 RT: 5.498 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF143053.D
 Acq: 09 Jul 2025 13:27

Tgt Ion:112 Resp: 337710
 Ion Ratio Lower Upper
 112 100
 64 57.9 48.2 72.2
 63 30.5 25.7 38.5

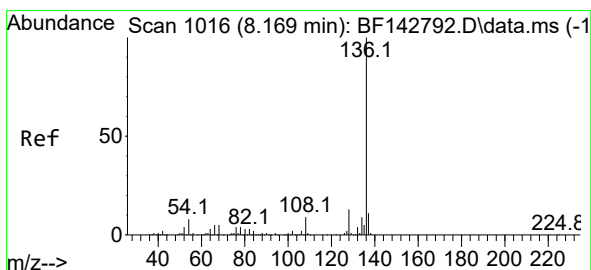
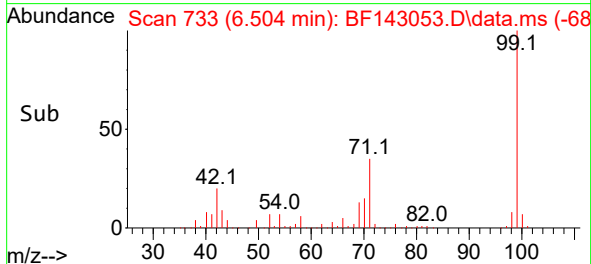
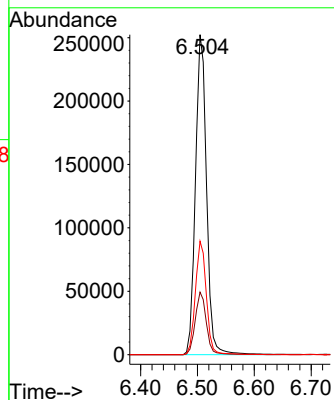
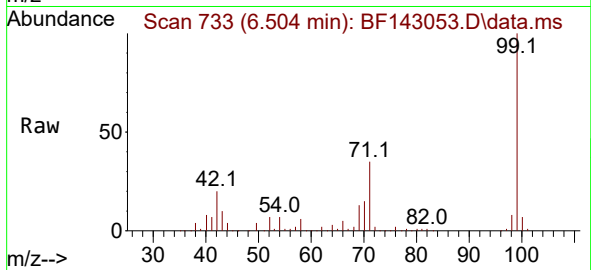




#7
Phenol-d6
Concen: 102.182 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143053.D
Acq: 09 Jul 2025 13:27

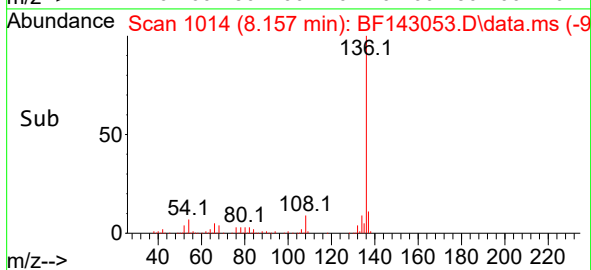
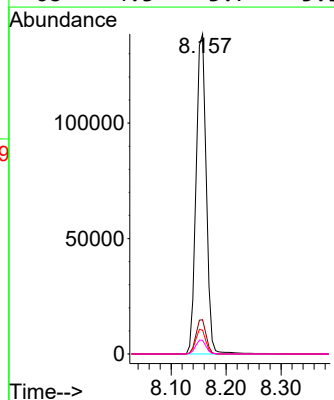
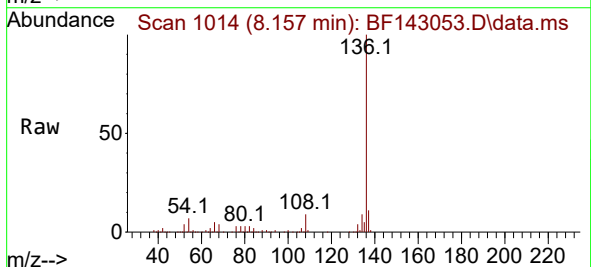
Instrument :
BNA_F
ClientSampleId :
G2(6-12)

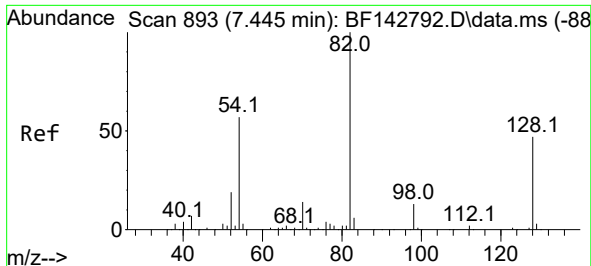
Tgt Ion: 99 Resp: 343773
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 35.4 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143053.D
Acq: 09 Jul 2025 13:27

Tgt Ion: 136 Resp: 177768
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.4 6.3 9.5
68 4.3 3.7 5.5

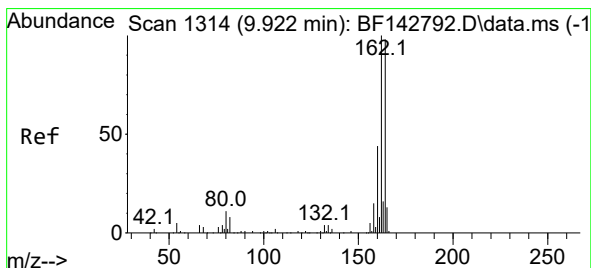
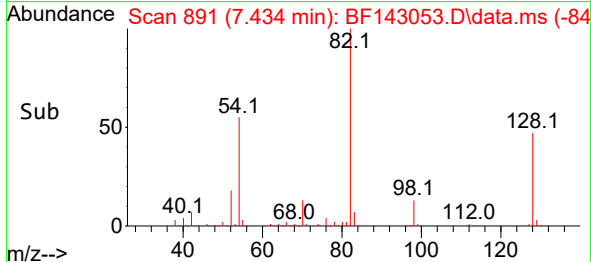
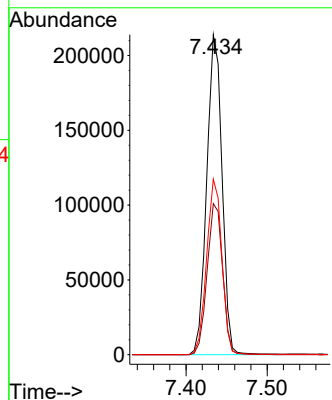
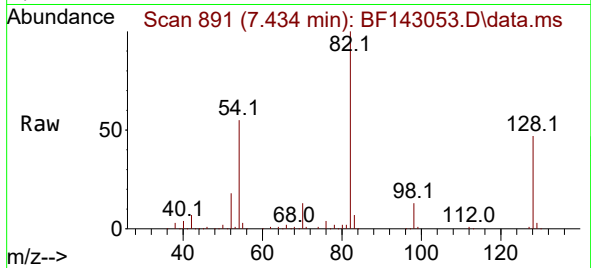




#23
Nitrobenzene-d5
Concen: 86.262 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.011 min
Lab File: BF143053.D
Acq: 09 Jul 2025 13:27

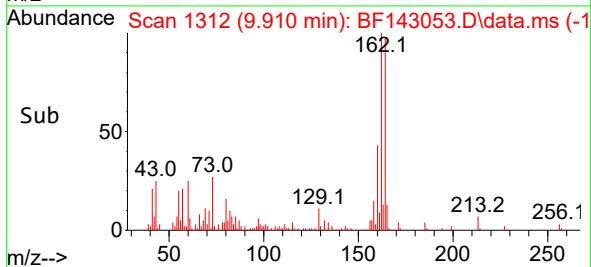
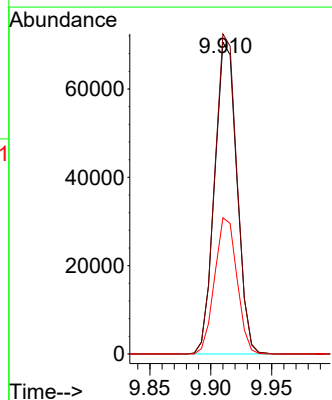
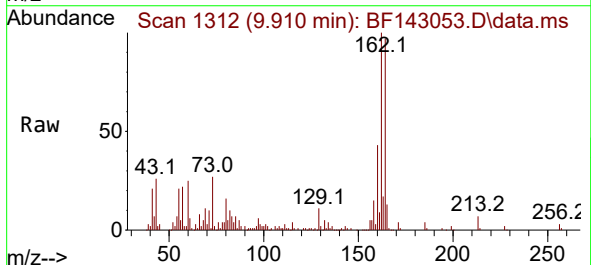
Instrument :
BNA_F
ClientSampleId :
G2(6-12)

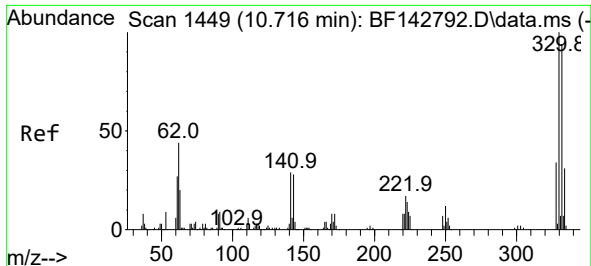
Tgt Ion: 82 Resp: 279571
Ion Ratio Lower Upper
82 100
128 47.2 37.7 56.5
54 54.9 45.7 68.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF143053.D
Acq: 09 Jul 2025 13:27

Tgt Ion:164 Resp: 89876
Ion Ratio Lower Upper
164 100
162 102.7 81.8 122.8
160 43.7 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 137.561 ng

RT: 10.704 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF143053.D

Acq: 09 Jul 2025 13:27

Instrument :

BNA_F

ClientSampleId :

G2(6-12)

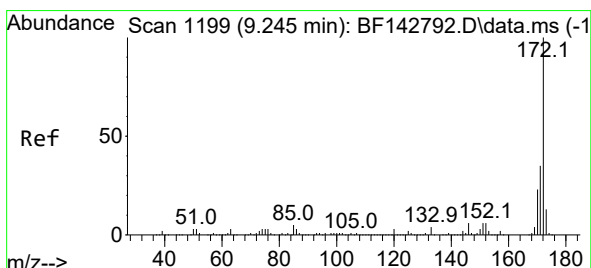
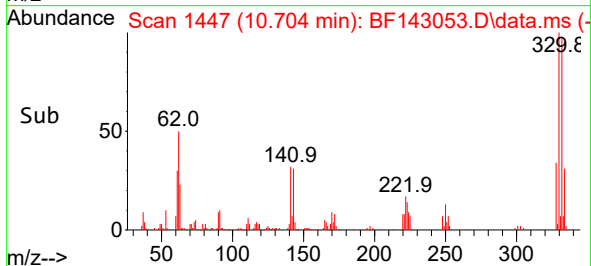
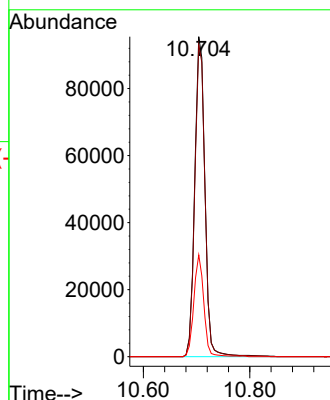
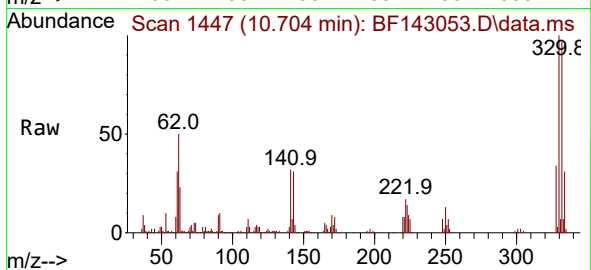
Tgt Ion:330 Resp: 127228

Ion Ratio Lower Upper

330 100

332 97.6 75.0 112.6

141 31.1 25.3 37.9



#45

2-Fluorobiphenyl

Concen: 85.511 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.011 min

Lab File: BF143053.D

Acq: 09 Jul 2025 13:27

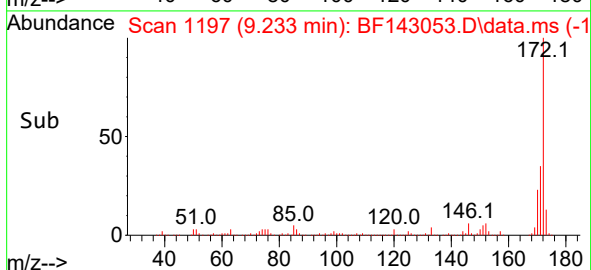
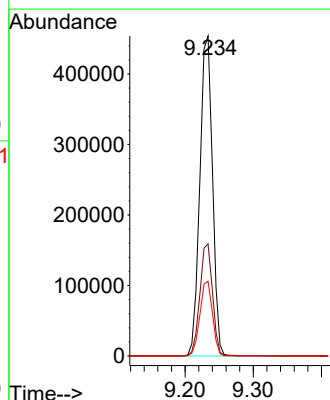
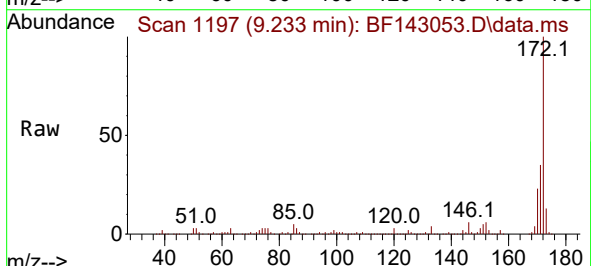
Tgt Ion:172 Resp: 585030

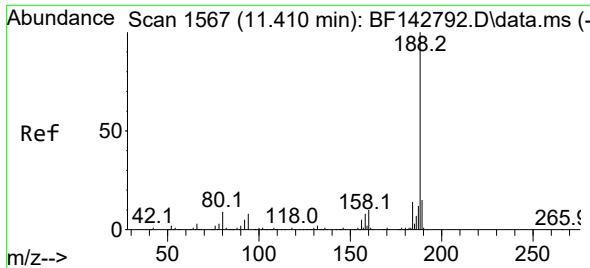
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.4 18.5 27.7

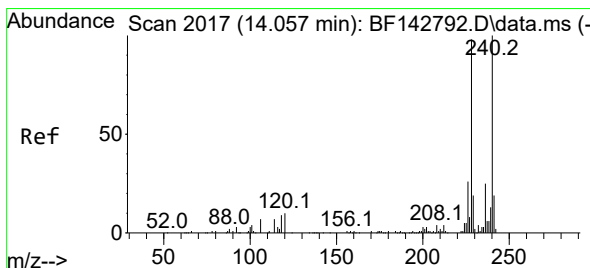
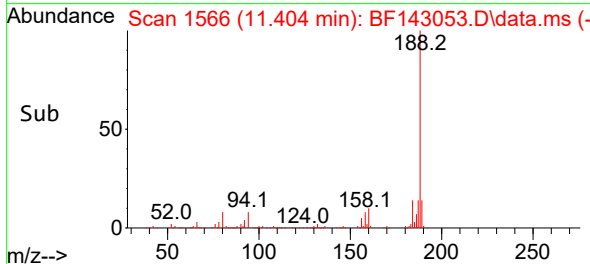
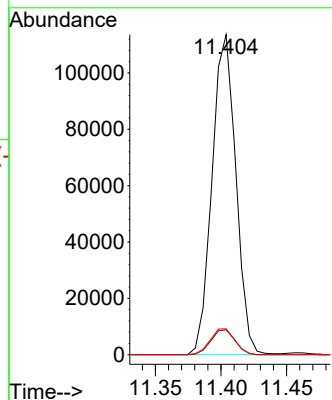
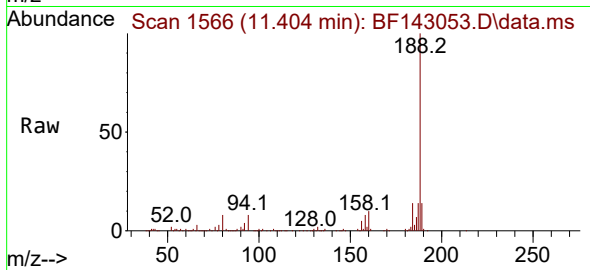




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143053.D
Acq: 09 Jul 2025 13:27

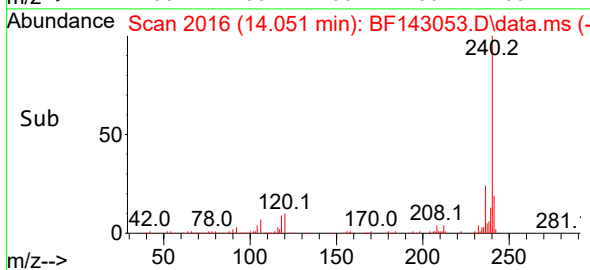
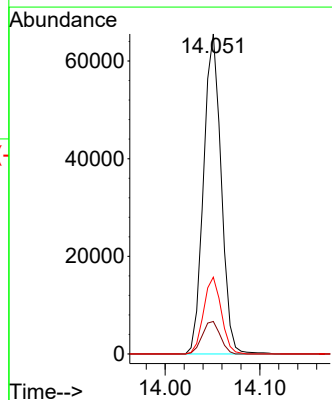
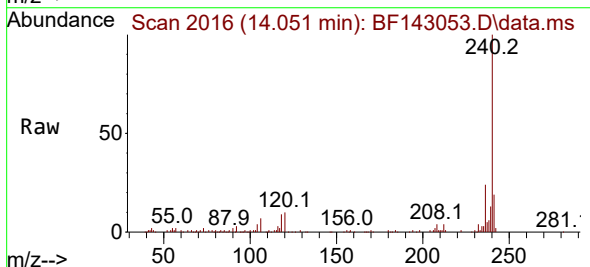
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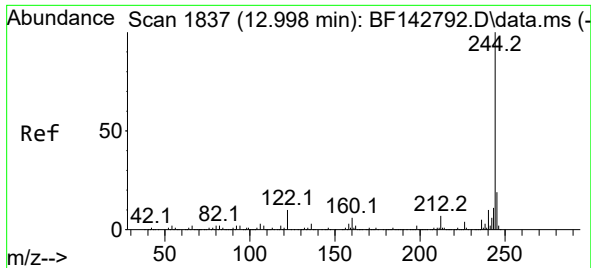
Tgt Ion:188 Resp: 143550
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 8.1 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143053.D
Acq: 09 Jul 2025 13:27

Tgt Ion:240 Resp: 84373
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.2
236 24.0 19.8 29.8

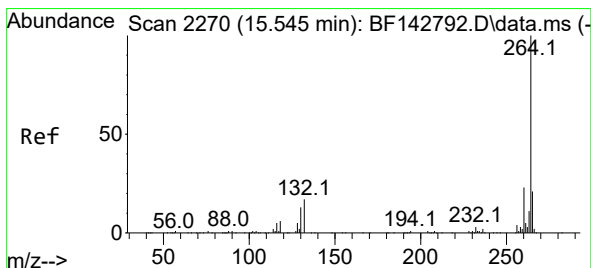
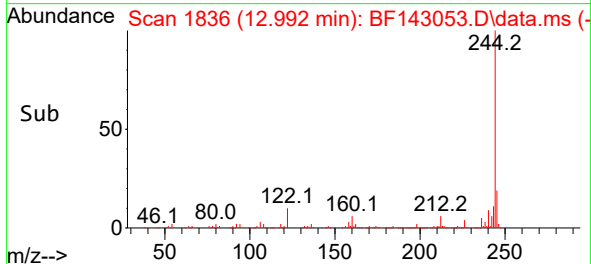
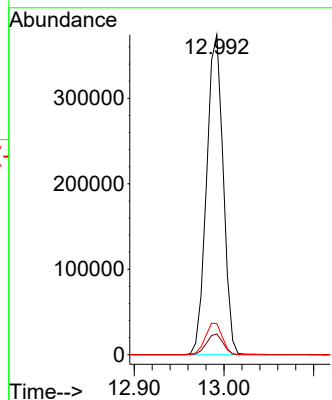
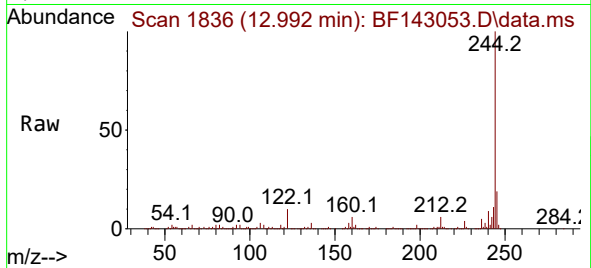




#79
 Terphenyl-d14
 Concen: 78.706 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF143053.D
 Acq: 09 Jul 2025 13:27

Instrument :
 BNA_F
 ClientSampleId :
 G2(6-12)

Tgt Ion:244 Resp: 480616
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 9.7 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF143053.D
 Acq: 09 Jul 2025 13:27

Tgt Ion:264 Resp: 99394
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.1 27.1
 265 21.2 16.6 25.0

