

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
 Data File : BF143057.D
 Acq On : 09 Jul 2025 15:28
 Operator : RC/JU
 Sample : Q2489-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G3(6-12)

Quant Time: Jul 09 16:03:38 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	48610	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	183226	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	95918	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	160874	20.000	ng	0.00
76) Chrysene-d12	14.051	240	93406	20.000	ng	0.00
86) Perylene-d12	15.545	264	96312	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	341401	116.932	ng	0.00
7) Phenol-d6	6.504	99	354955	103.046	ng	0.00
23) Nitrobenzene-d5	7.434	82	285940	85.599	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	136372	138.160	ng	-0.01
45) 2-Fluorobiphenyl	9.234	172	611602	83.764	ng	-0.01
79) Terphenyl-d14	12.992	244	551342	81.557	ng	0.00

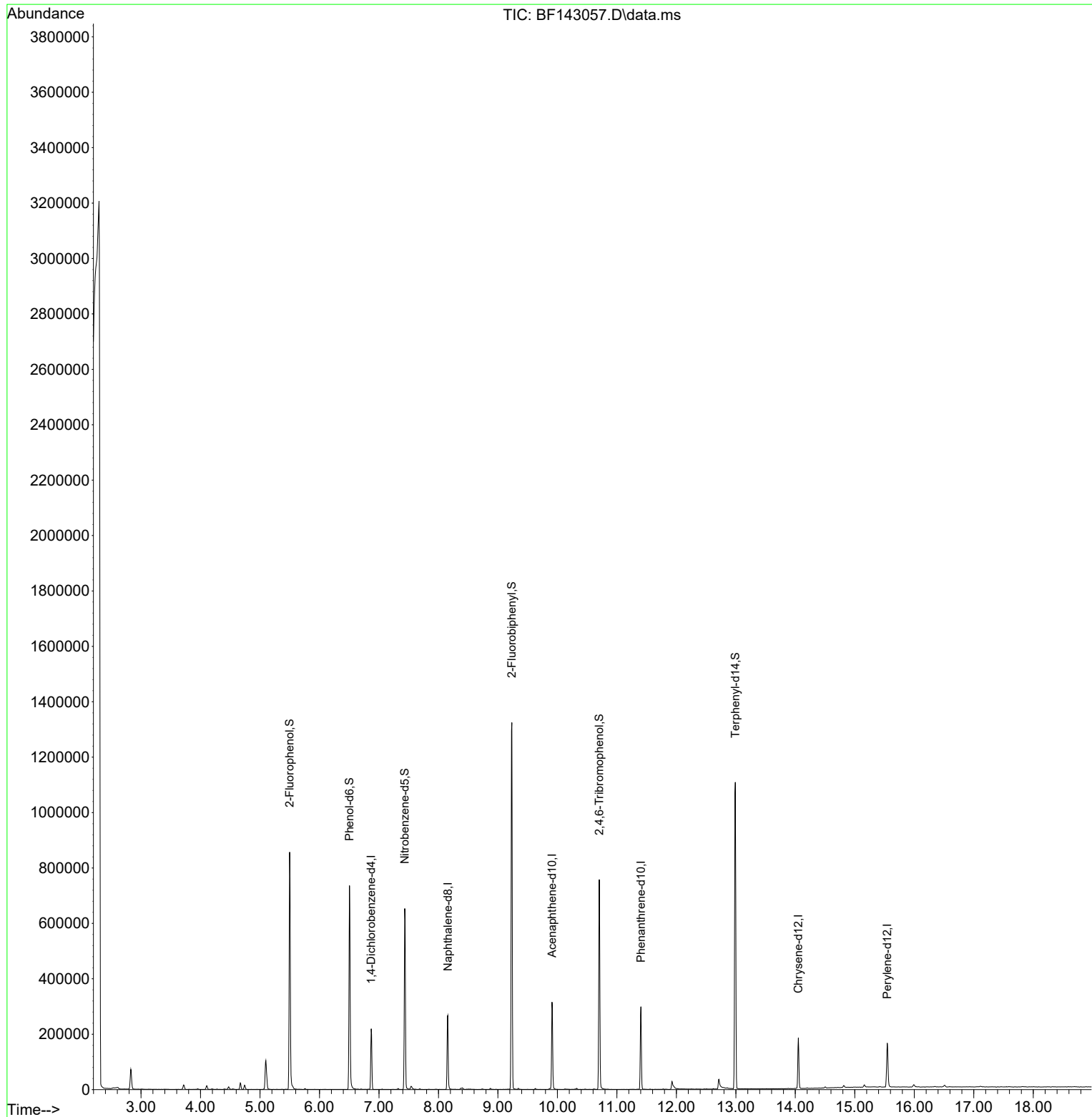
Target Compounds	Qvalue

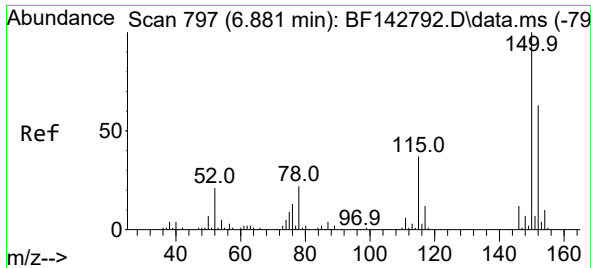
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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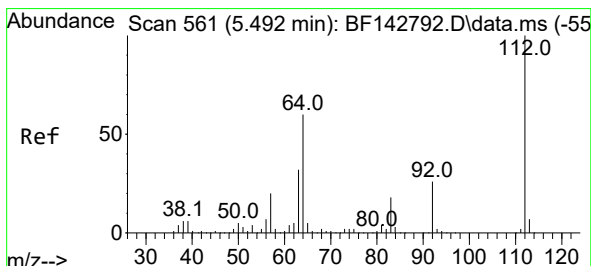
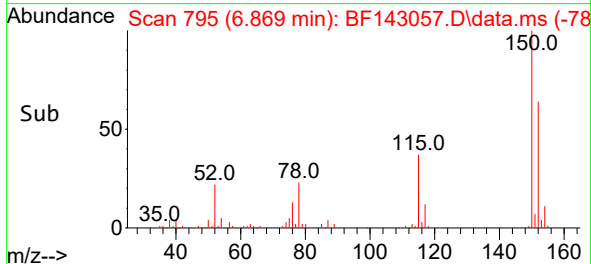
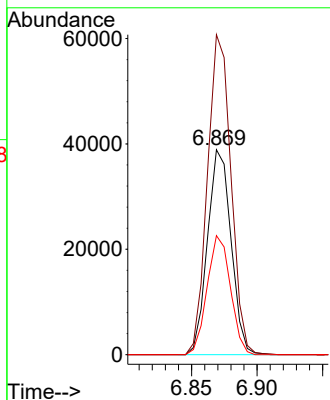
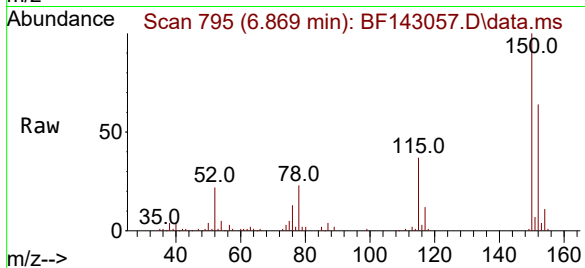




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 797
Delta R.T. -0.012 min
Lab File: BF143057.D
Acq: 09 Jul 2025 15:28

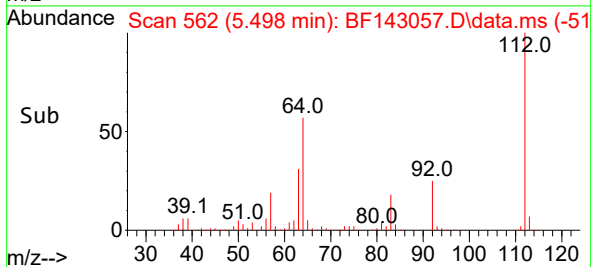
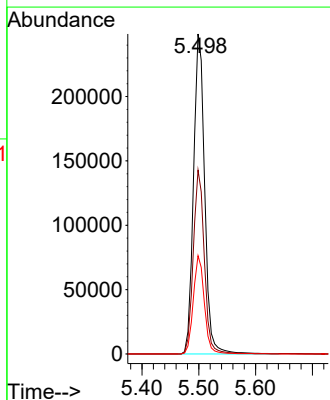
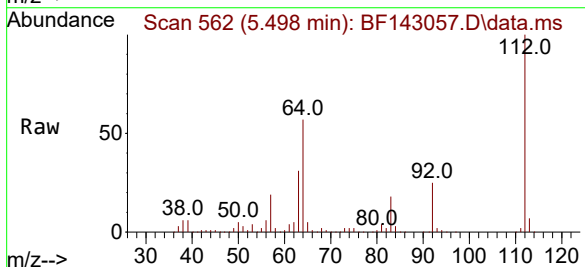
Instrument :
BNA_F
ClientSampleId :
G3(6-12)

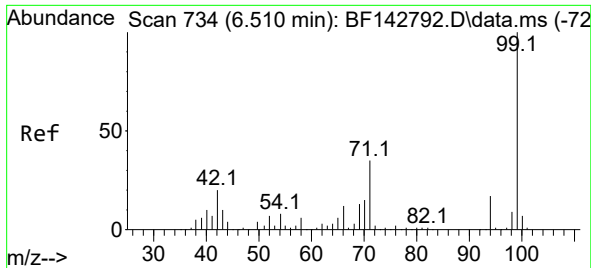
Tgt Ion:152 Resp: 48610
Ion Ratio Lower Upper
152 100
150 156.1 127.2 190.8
115 58.1 46.6 69.8



#5
2-Fluorophenol
Concen: 116.932 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF143057.D
Acq: 09 Jul 2025 15:28

Tgt Ion:112 Resp: 341401
Ion Ratio Lower Upper
112 100
64 57.5 48.2 72.2
63 30.7 25.7 38.5

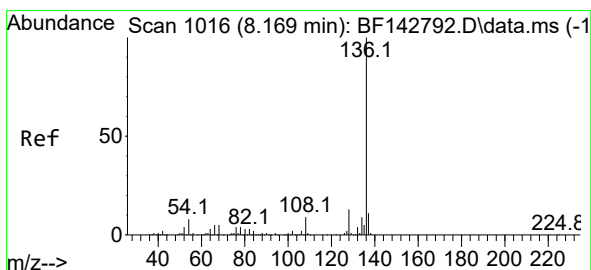
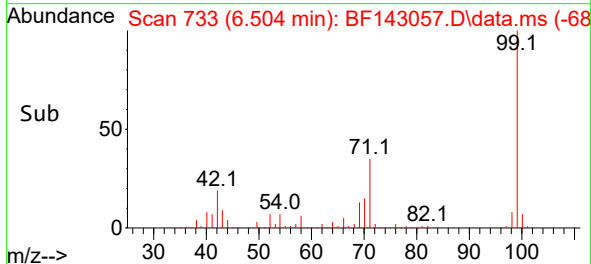
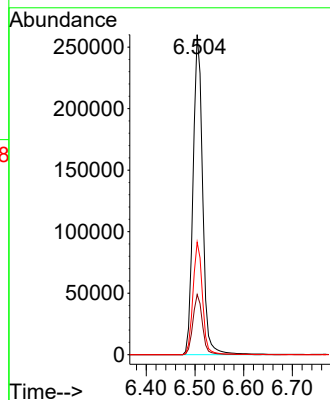
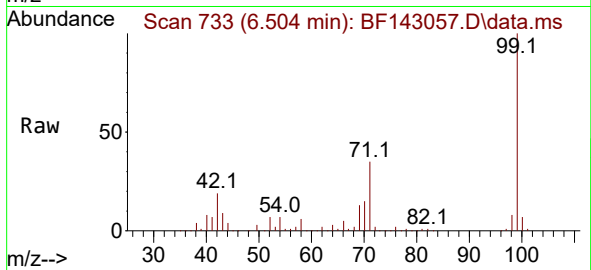




#7
Phenol-d6
Concen: 103.046 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143057.D
Acq: 09 Jul 2025 15:28

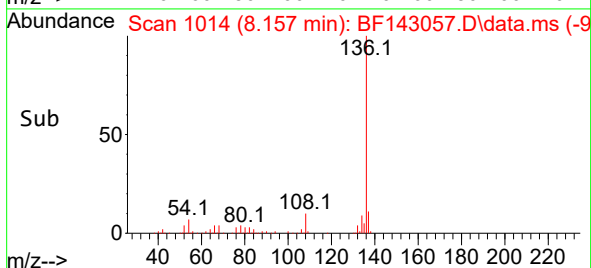
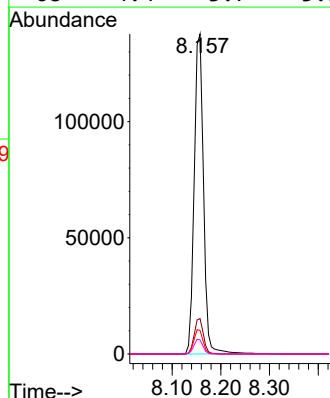
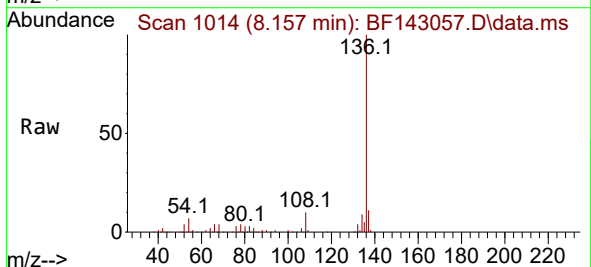
Instrument :
BNA_F
ClientSampleId :
G3(6-12)

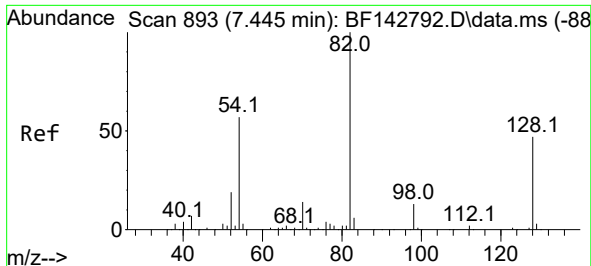
Tgt Ion: 99 Resp: 354955
Ion Ratio Lower Upper
99 100
42 18.8 15.9 23.9
71 35.1 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143057.D
Acq: 09 Jul 2025 15:28

Tgt Ion: 136 Resp: 183226
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.3 6.3 9.5
68 4.4 3.7 5.5





#23

Nitrobenzene-d5

Concen: 85.599 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.011 min

Lab File: BF143057.D

Acq: 09 Jul 2025 15:28

Instrument :

BNA_F

ClientSampleId :

G3(6-12)

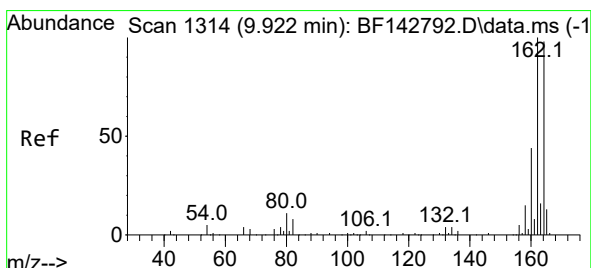
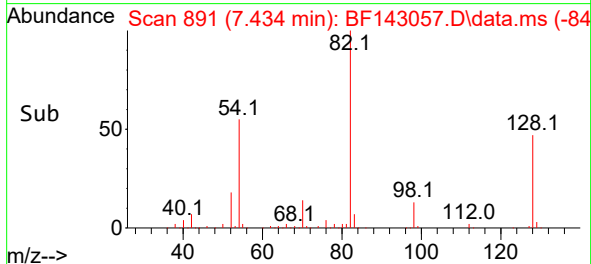
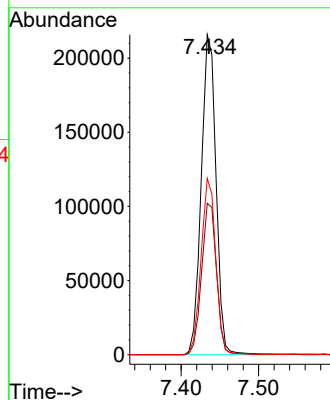
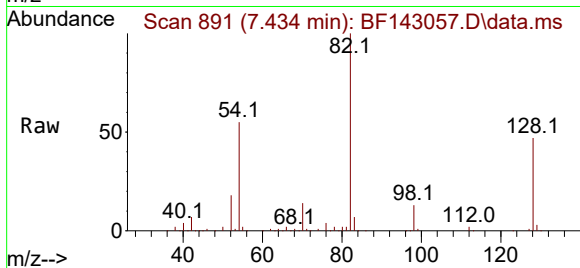
Tgt Ion: 82 Resp: 285940

Ion Ratio Lower Upper

82 100

128 47.3 37.7 56.5

54 55.1 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: BF143057.D

Acq: 09 Jul 2025 15:28

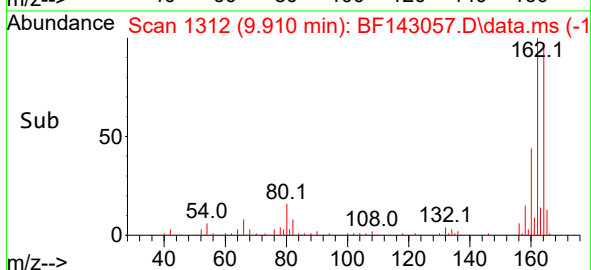
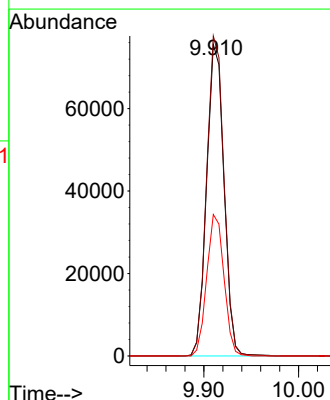
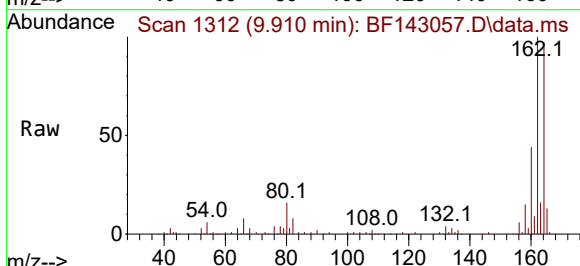
Tgt Ion:164 Resp: 95918

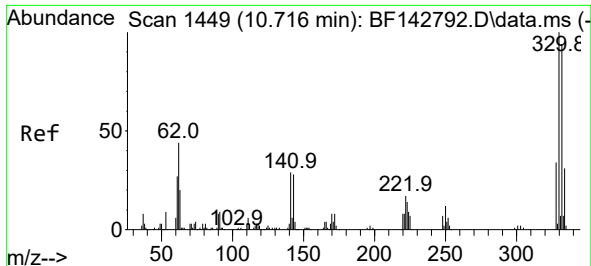
Ion Ratio Lower Upper

164 100

162 102.7 81.8 122.8

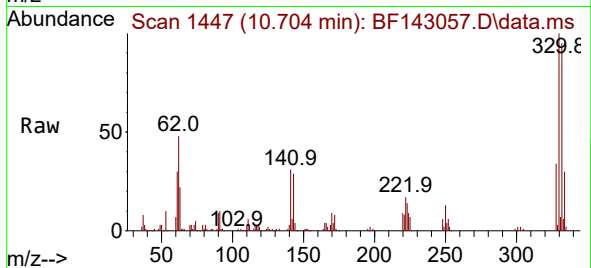
160 45.4 36.0 54.0



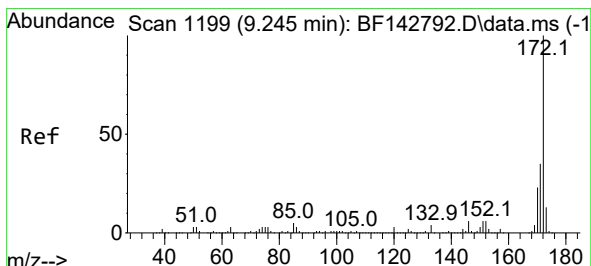
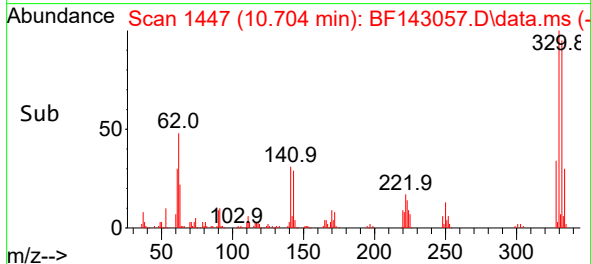
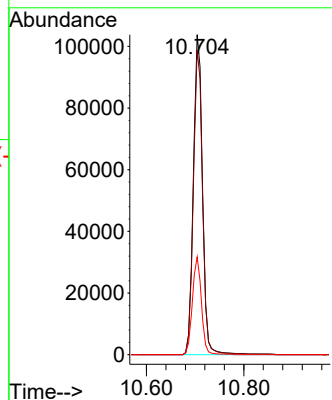


#42
2,4,6-Tribromophenol
Concen: 138.160 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF143057.D
Acq: 09 Jul 2025 15:28

Instrument :
BNA_F
ClientSampleId :
G3(6-12)

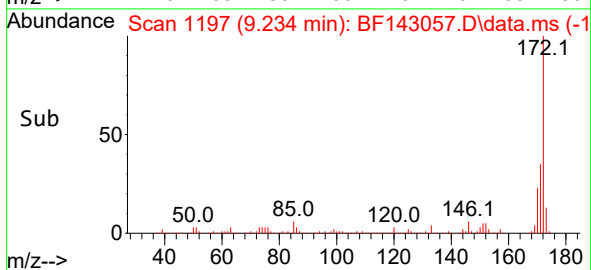
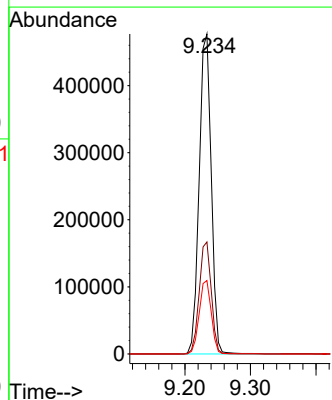
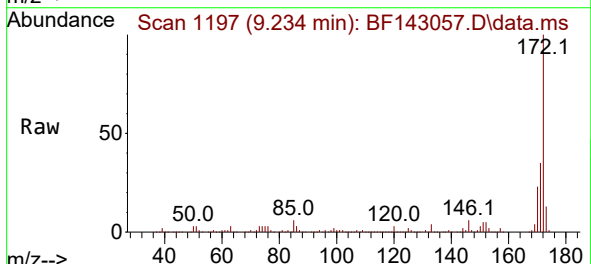


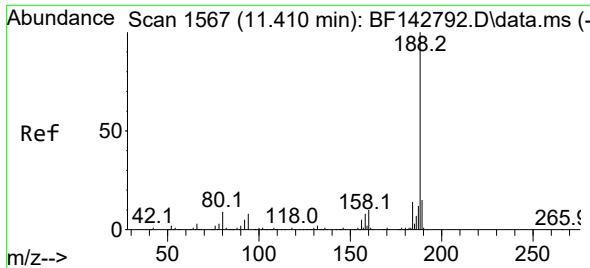
Tgt Ion:330 Resp: 136372
Ion Ratio Lower Upper
330 100
332 95.3 75.0 112.6
141 30.0 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 83.764 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.011 min
Lab File: BF143057.D
Acq: 09 Jul 2025 15:28

Tgt Ion:172 Resp: 611602
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.0 18.5 27.7

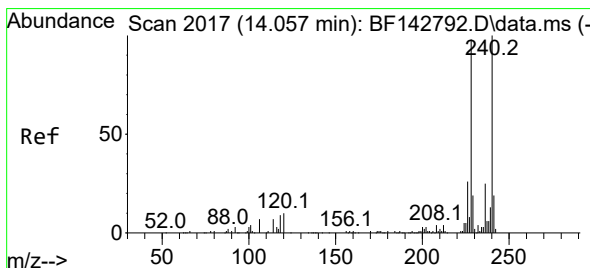
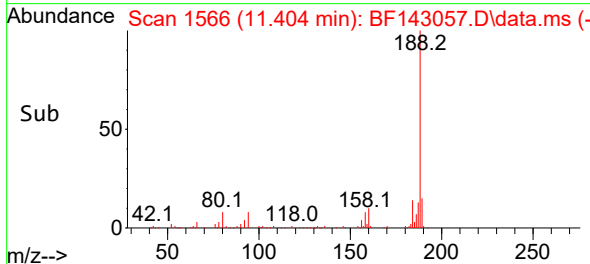
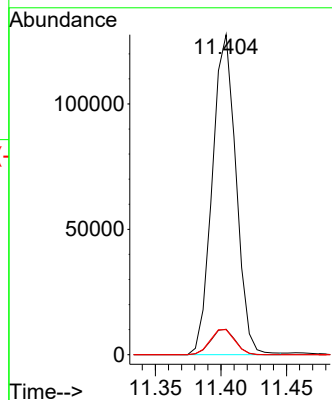
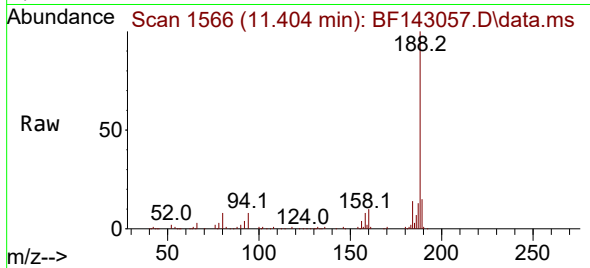




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143057.D
Acq: 09 Jul 2025 15:28

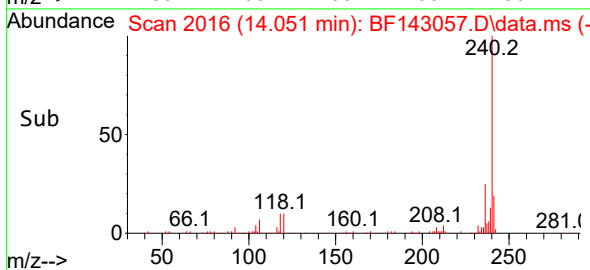
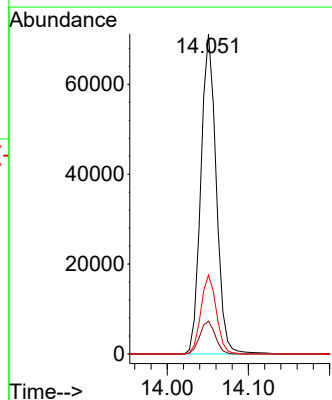
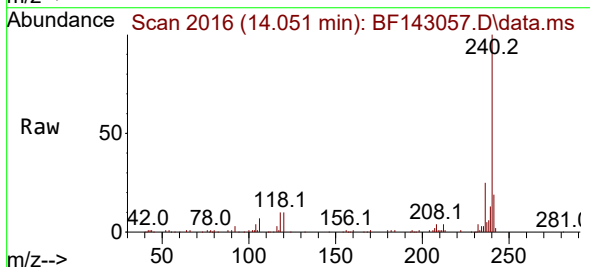
Instrument :
BNA_F
ClientSampleId :
G3(6-12)

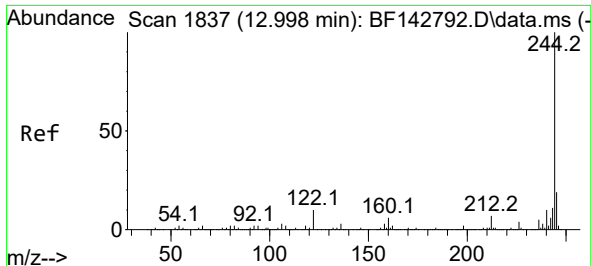
Tgt Ion:188 Resp: 160874
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 7.8 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143057.D
Acq: 09 Jul 2025 15:28

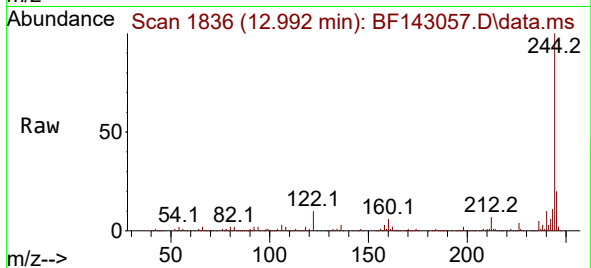
Tgt Ion:240 Resp: 93406
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.2
236 24.7 19.8 29.8



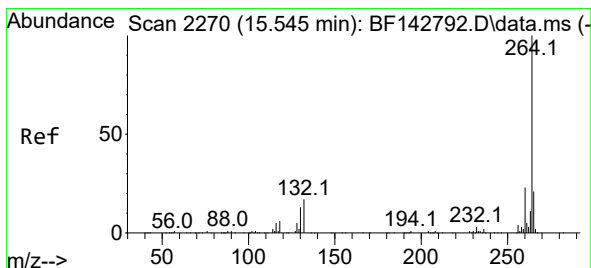
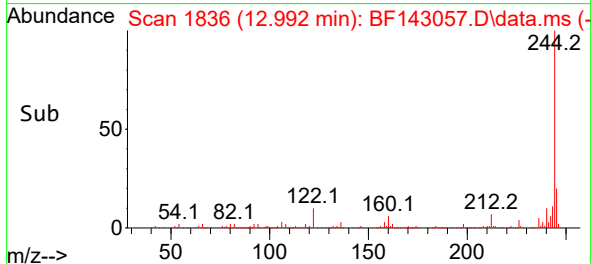
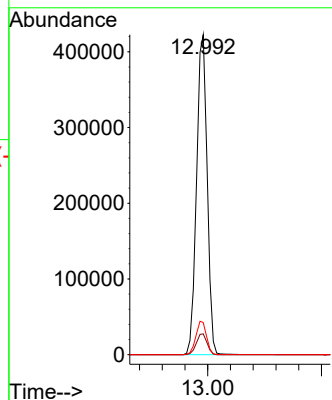


#79
 Terphenyl-d14
 Concen: 81.557 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF143057.D
 Acq: 09 Jul 2025 15:28

Instrument :
 BNA_F
 ClientSampleId :
 G3(6-12)



Tgt Ion:244 Resp: 551342
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 10.0 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: BF143057.D
 Acq: 09 Jul 2025 15:28

Tgt Ion:264 Resp: 96312
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.1 27.1
 265 21.0 16.6 25.0

