

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
 Data File : BF143055.D
 Acq On : 09 Jul 2025 14:28
 Operator : RC/JU
 Sample : Q2489-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G1(6-12)

Quant Time: Jul 09 14:47:50 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	45752	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	173750	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	87159	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	140460	20.000	ng	0.00
76) Chrysene-d12	14.051	240	76491	20.000	ng	0.00
86) Perylene-d12	15.545	264	90349	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	332097	120.851	ng	0.00
7) Phenol-d6	6.504	99	349614	107.836	ng	0.00
23) Nitrobenzene-d5	7.434	82	265677	83.871	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	117081	130.536	ng	-0.01
45) 2-Fluorobiphenyl	9.234	172	558501	84.178	ng	-0.01
79) Terphenyl-d14	12.992	244	459680	83.035	ng	0.00

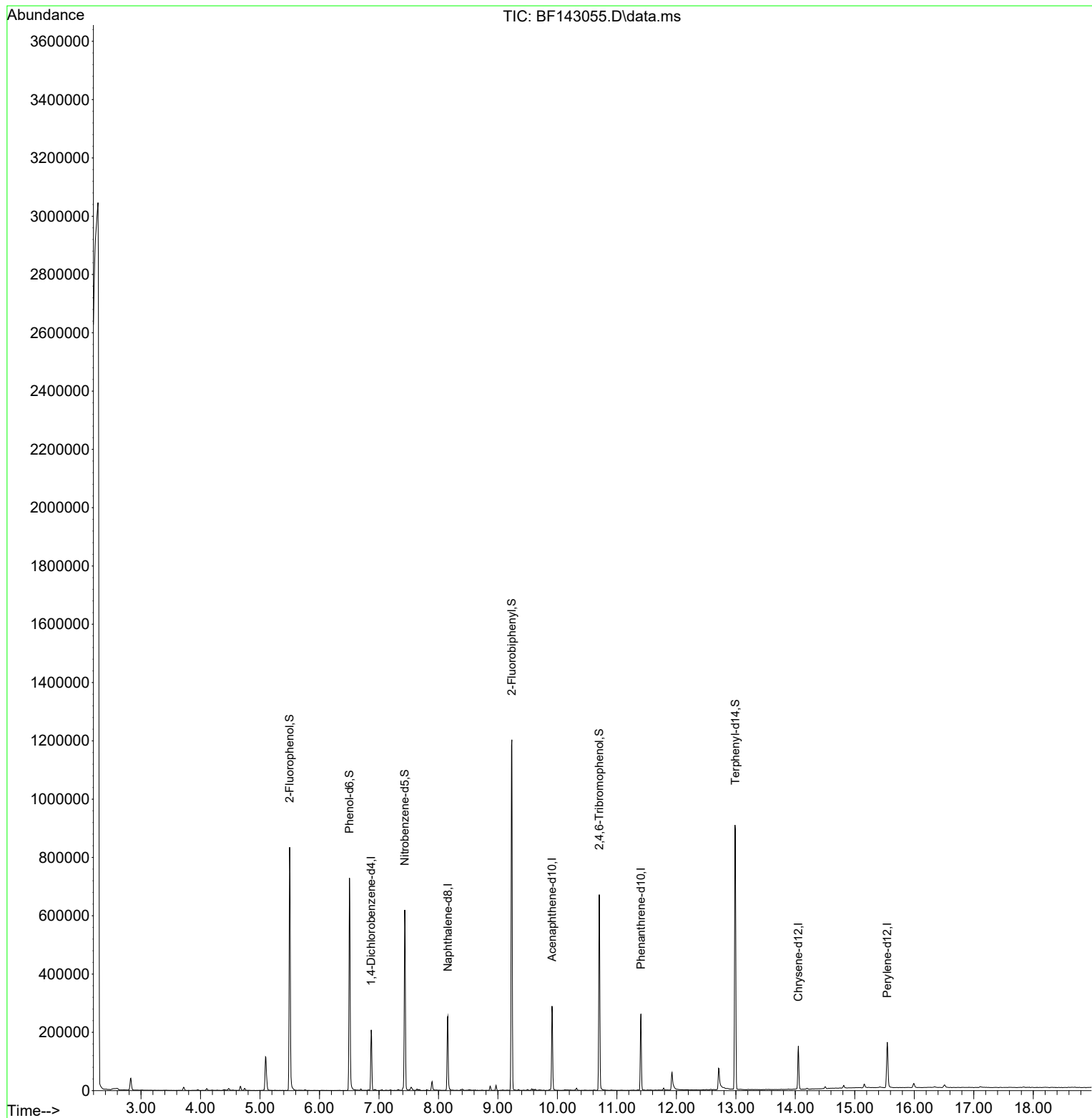
Target Compounds	Qvalue

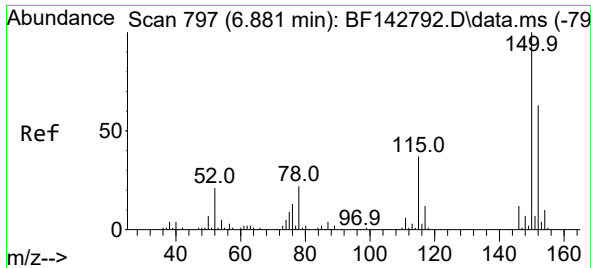
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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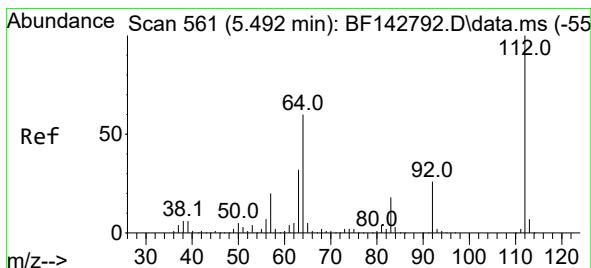
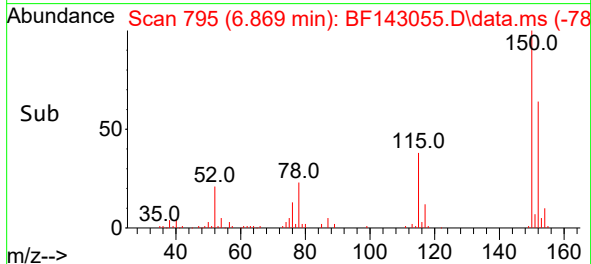
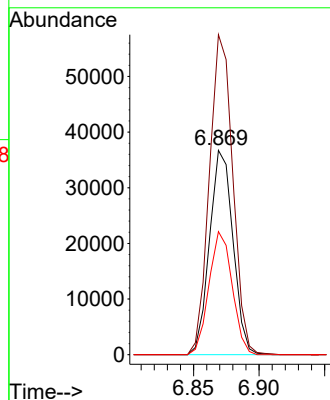
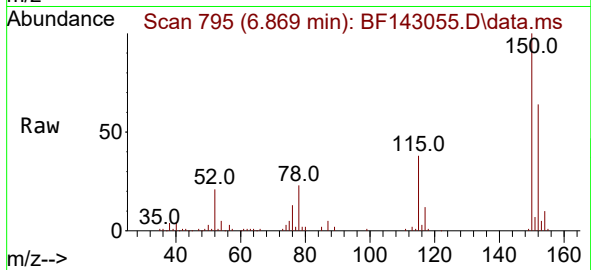




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 797
Delta R.T. -0.012 min
Lab File: BF143055.D
Acq: 09 Jul 2025 14:28

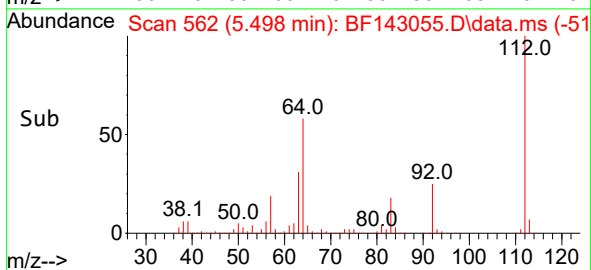
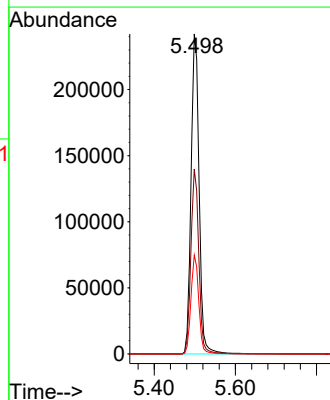
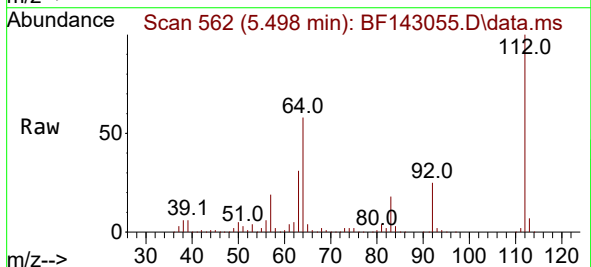
Instrument :
BNA_F
ClientSampleId :
G1(6-12)

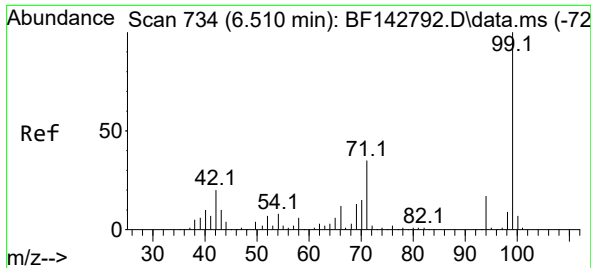
Tgt Ion:152 Resp: 45752
Ion Ratio Lower Upper
152 100
150 156.6 127.2 190.8
115 60.2 46.6 69.8



#5
2-Fluorophenol
Concen: 120.851 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF143055.D
Acq: 09 Jul 2025 14:28

Tgt Ion:112 Resp: 332097
Ion Ratio Lower Upper
112 100
64 57.8 48.2 72.2
63 30.9 25.7 38.5

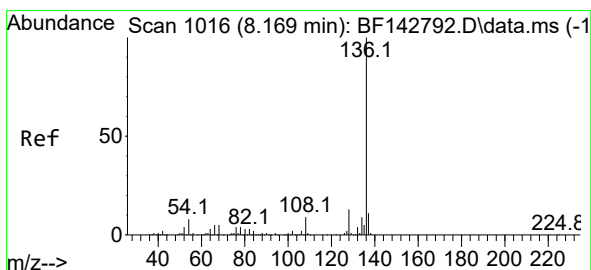
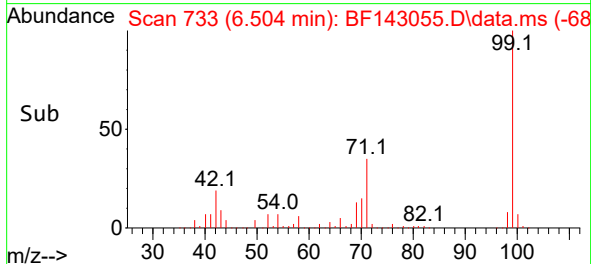
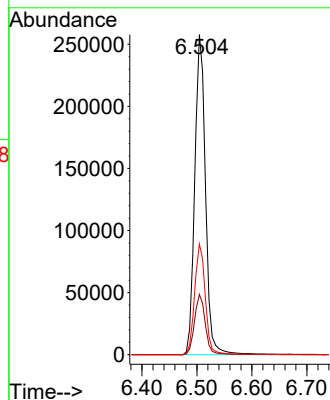
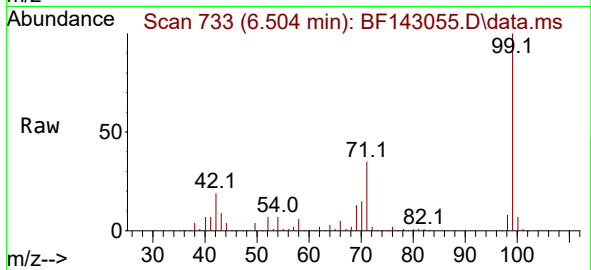




#7
Phenol-d6
Concen: 107.836 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143055.D
Acq: 09 Jul 2025 14:28

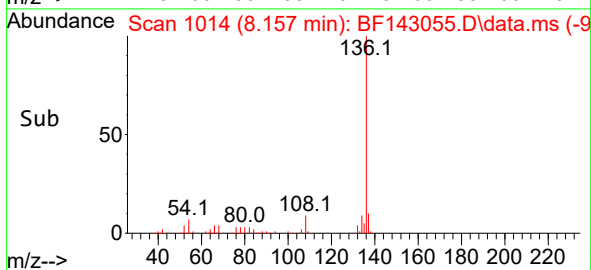
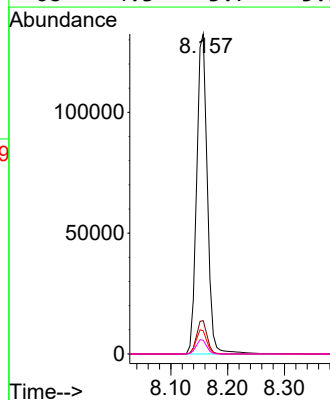
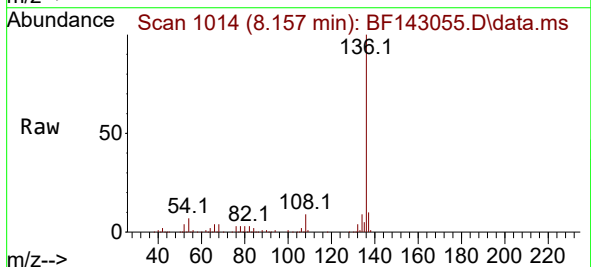
Instrument :
BNA_F
ClientSampleId :
G1(6-12)

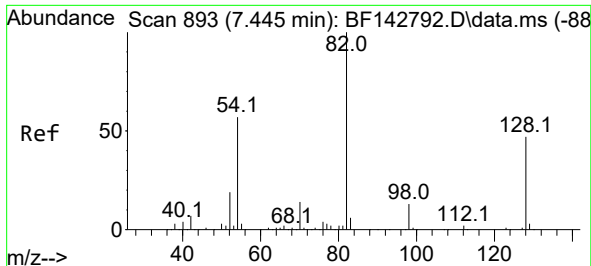
Tgt Ion: 99 Resp: 349614
Ion Ratio Lower Upper
99 100
42 18.8 15.9 23.9
71 34.6 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143055.D
Acq: 09 Jul 2025 14:28

Tgt Ion: 136 Resp: 173750
Ion Ratio Lower Upper
136 100
137 10.4 8.4 12.6
54 7.2 6.3 9.5
68 4.3 3.7 5.5





#23

Nitrobenzene-d5

Concen: 83.871 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.011 min

Lab File: BF143055.D

Acq: 09 Jul 2025 14:28

Instrument :

BNA_F

ClientSampleId :

G1(6-12)

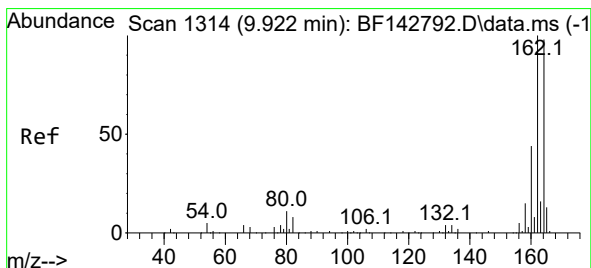
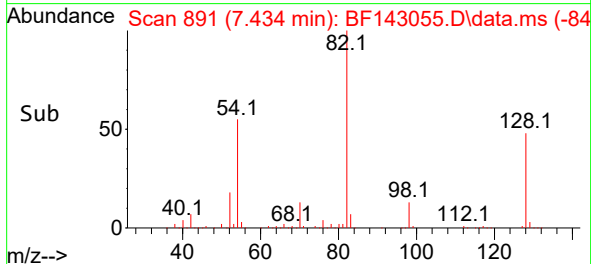
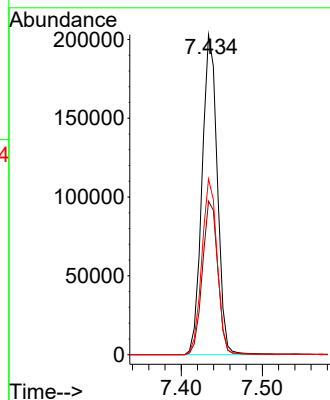
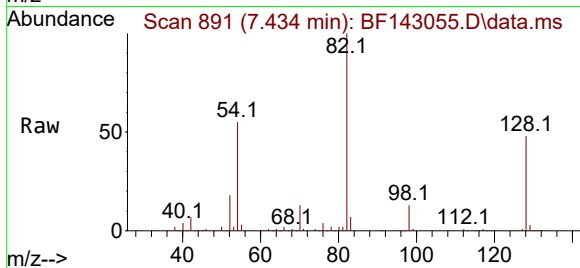
Tgt Ion: 82 Resp: 265677

Ion Ratio Lower Upper

82 100

128 47.9 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: BF143055.D

Acq: 09 Jul 2025 14:28

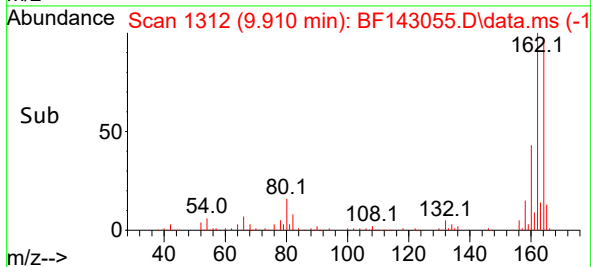
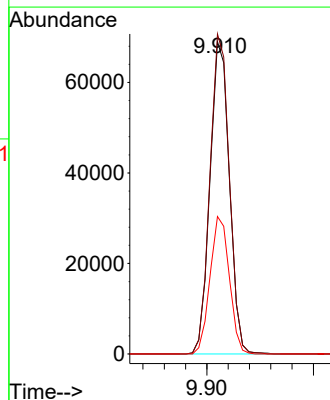
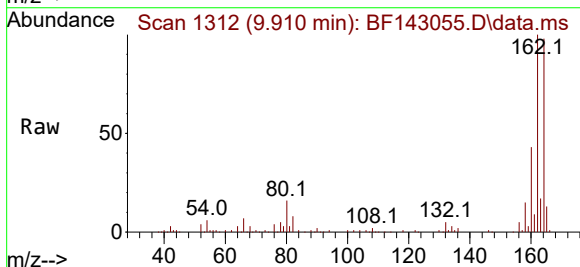
Tgt Ion:164 Resp: 87159

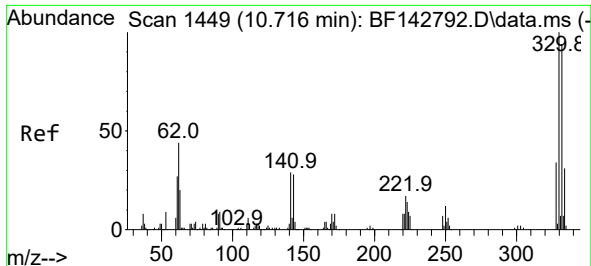
Ion Ratio Lower Upper

164 100

162 102.5 81.8 122.8

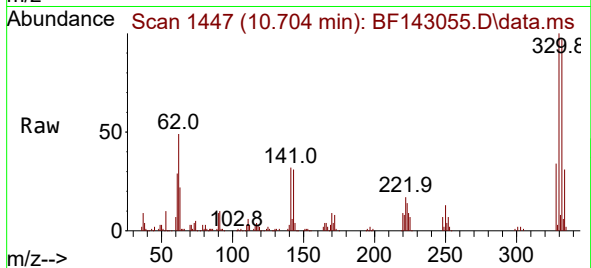
160 44.0 36.0 54.0



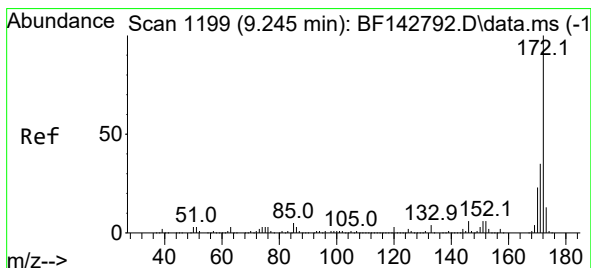
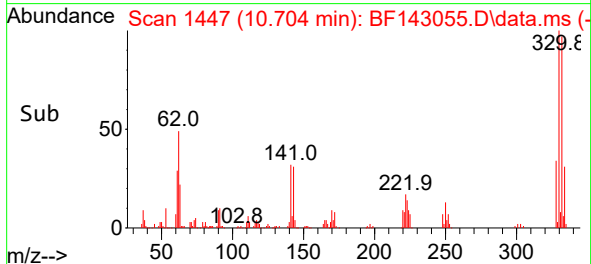
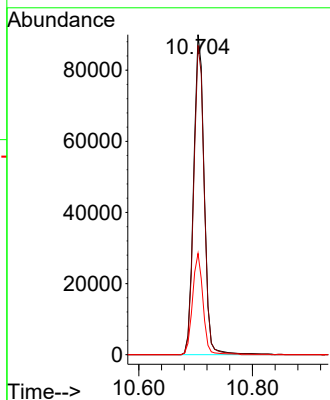


#42
2,4,6-Tribromophenol
Concen: 130.536 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF143055.D
Acq: 09 Jul 2025 14:28

Instrument :
BNA_F
ClientSampleId :
G1(6-12)

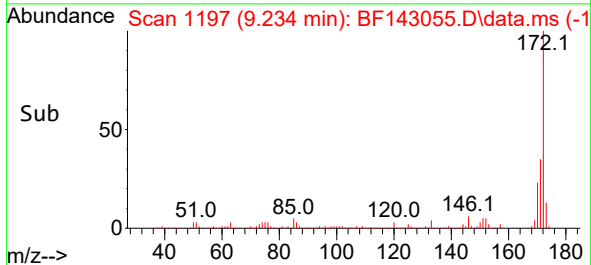
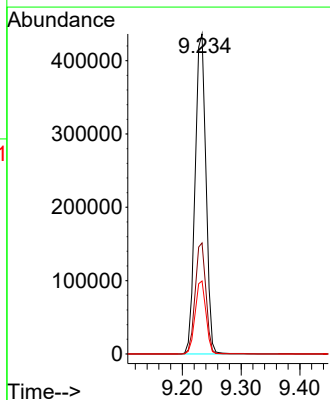
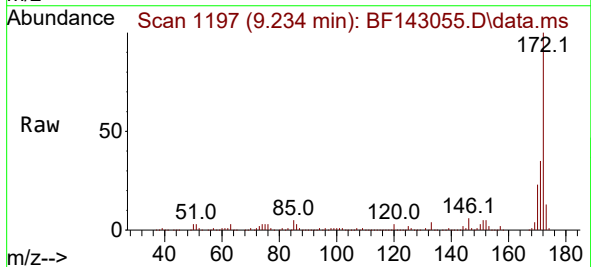


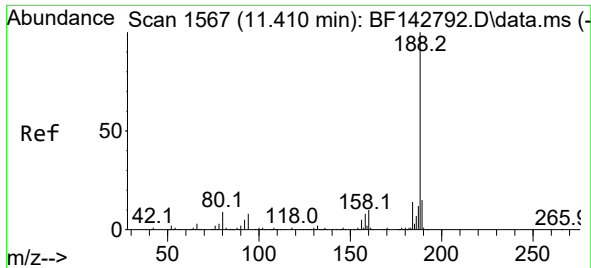
Tgt Ion:330 Resp: 117081
Ion Ratio Lower Upper
330 100
332 96.2 75.0 112.6
141 31.2 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 84.178 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.011 min
Lab File: BF143055.D
Acq: 09 Jul 2025 14:28

Tgt Ion:172 Resp: 558501
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 22.8 18.5 27.7

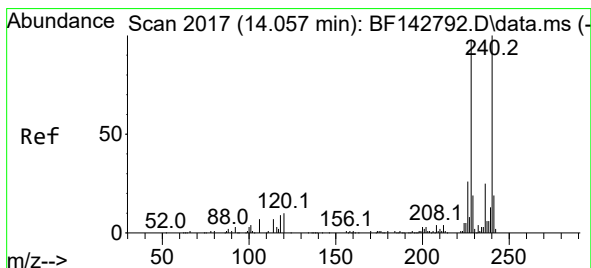
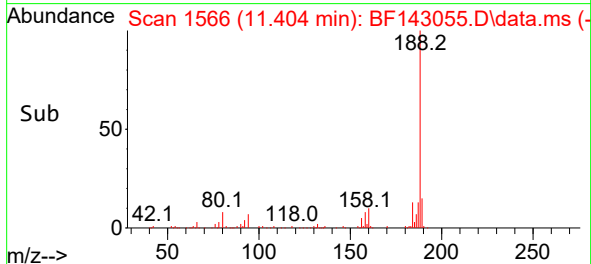
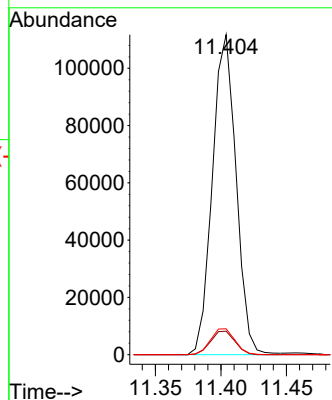
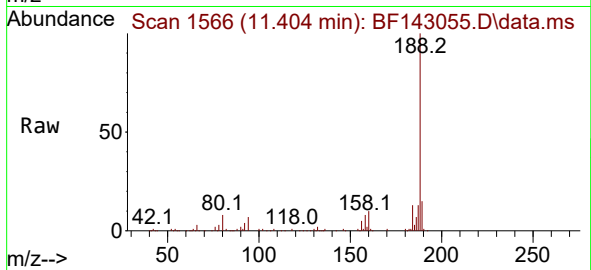




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143055.D
Acq: 09 Jul 2025 14:28

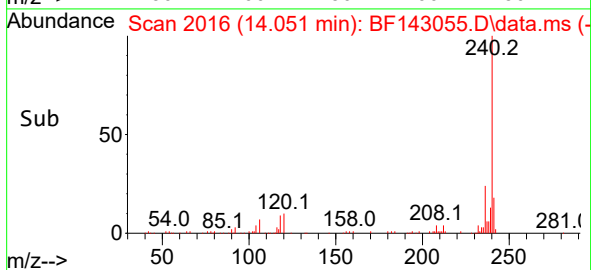
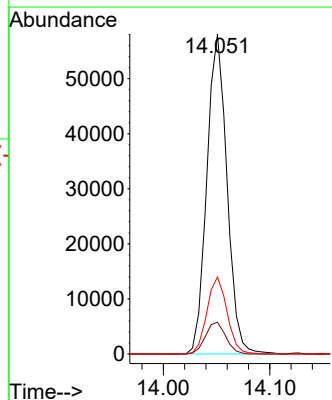
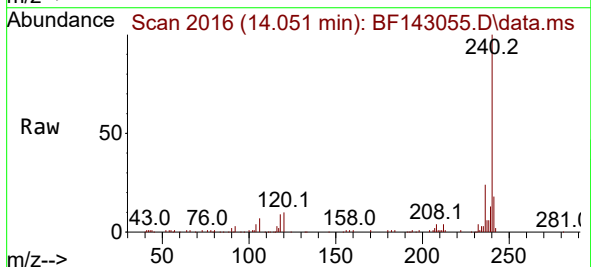
Instrument :
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ClientSampleId :
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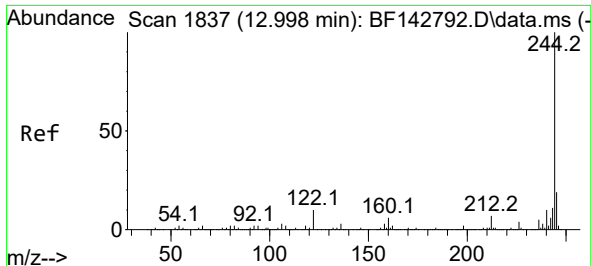
Tgt Ion:188 Resp: 140460
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 8.1 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143055.D
Acq: 09 Jul 2025 14:28

Tgt Ion:240 Resp: 76491
Ion Ratio Lower Upper
240 100
120 9.9 8.2 12.2
236 24.1 19.8 29.8

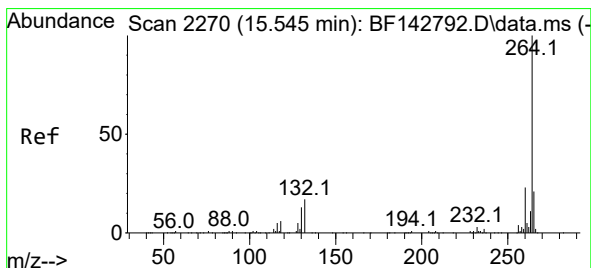
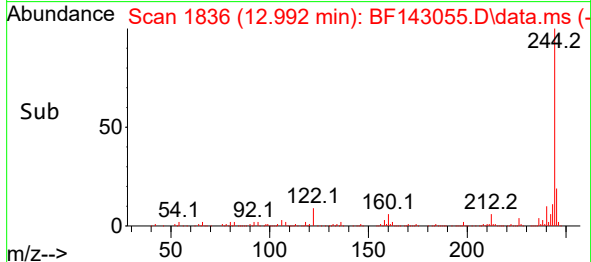
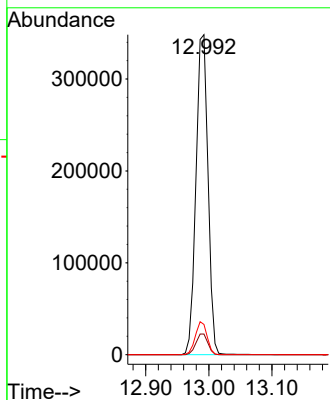
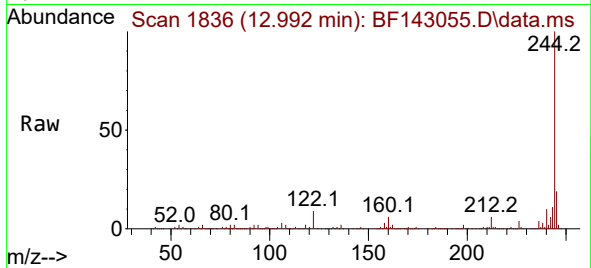




#79
 Terphenyl-d14
 Concen: 83.035 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF143055.D
 Acq: 09 Jul 2025 14:28

Instrument :
 BNA_F
 ClientSampleId :
 G1(6-12)

Tgt Ion:244 Resp: 459680
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 9.4 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: BF143055.D
 Acq: 09 Jul 2025 14:28

Tgt Ion:264 Resp: 90349
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.1 27.1
 265 20.8 16.6 25.0

