

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
 Data File : BF143054.D
 Acq On : 09 Jul 2025 13:57
 Operator : RC/JU
 Sample : Q2489-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G1(0-6)

Quant Time: Jul 09 14:29:50 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	46737	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	178995	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	91494	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	145846	20.000	ng	0.00
76) Chrysene-d12	14.051	240	81059	20.000	ng	0.00
86) Perylene-d12	15.545	264	94524	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	344519	122.729	ng	0.00
7) Phenol-d6	6.504	99	355550	107.355	ng	0.00
23) Nitrobenzene-d5	7.434	82	278828	85.443	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	128896	136.900	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	584359	83.902	ng	-0.01
79) Terphenyl-d14	12.992	244	488454	83.260	ng	0.00

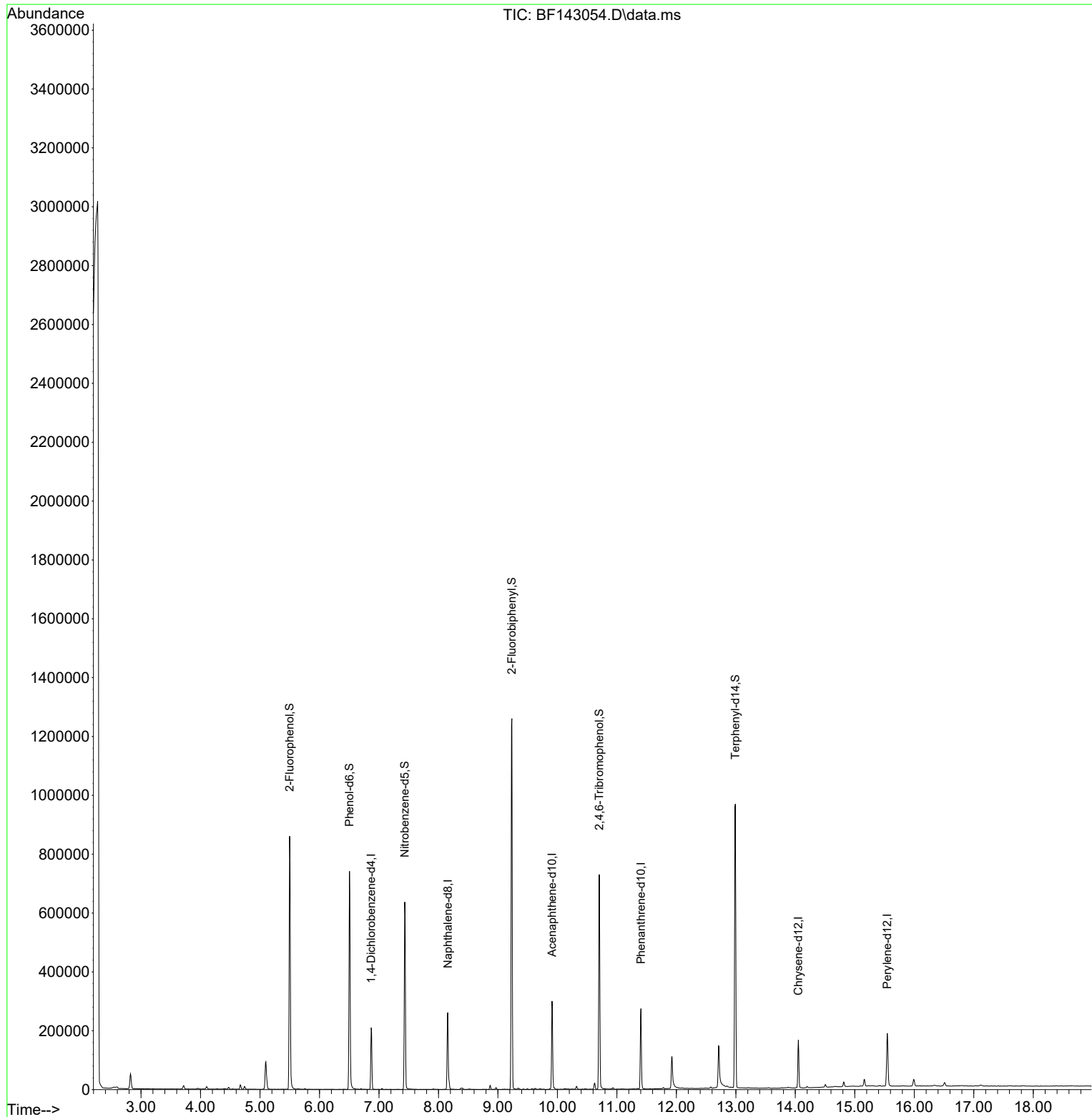
Target Compounds	Qvalue

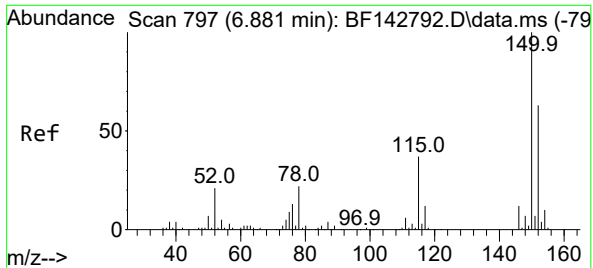
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143054.D
Acq On : 09 Jul 2025 13:57
Operator : RC/JU
Sample : Q2489-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G1(0-6)

Quant Time: Jul 09 14:29:50 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

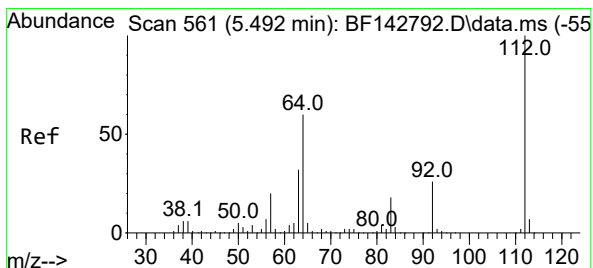
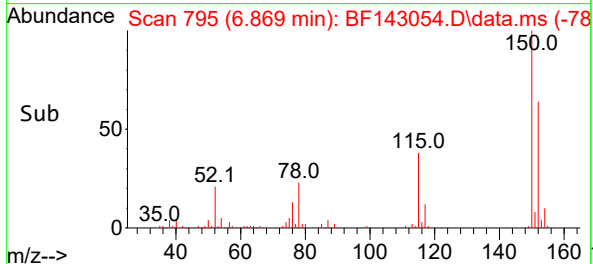
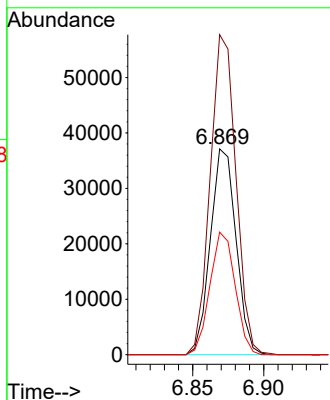
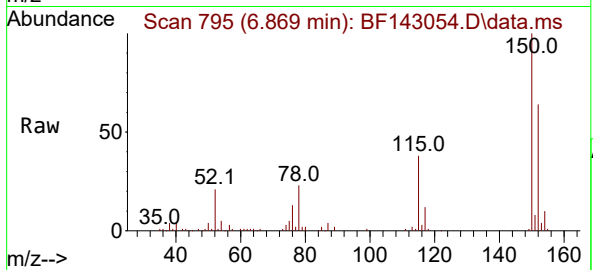




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 797
 Delta R.T. -0.012 min
 Lab File: BF143054.D
 Acq: 09 Jul 2025 13:57

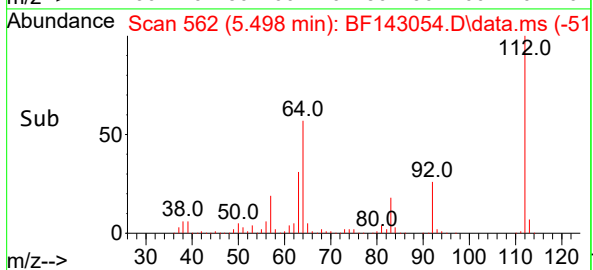
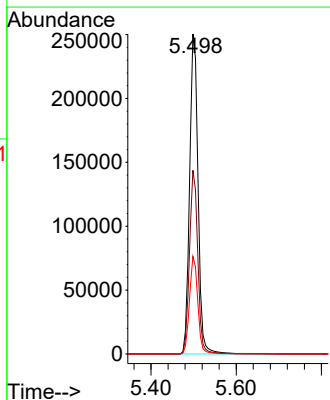
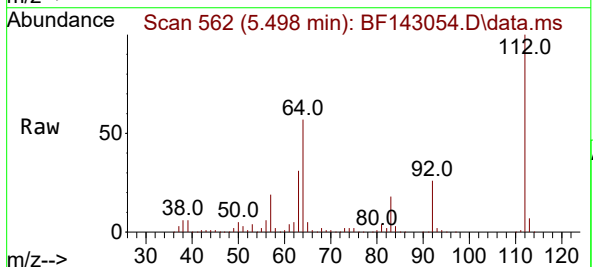
Instrument :
 BNA_F
 ClientSampleId :
 G1(0-6)

Tgt Ion:152 Resp: 46737
 Ion Ratio Lower Upper
 152 100
 150 155.5 127.2 190.8
 115 59.5 46.6 69.8



#5
 2-Fluorophenol
 Concen: 122.729 ng
 RT: 5.498 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF143054.D
 Acq: 09 Jul 2025 13:57

Tgt Ion:112 Resp: 344519
 Ion Ratio Lower Upper
 112 100
 64 57.4 48.2 72.2
 63 30.5 25.7 38.5

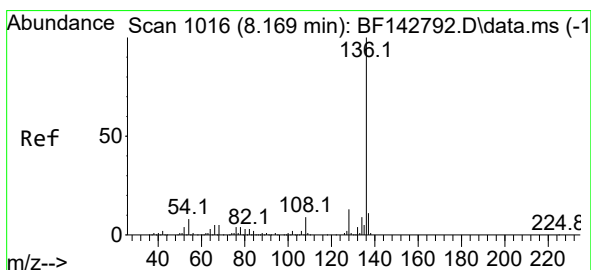
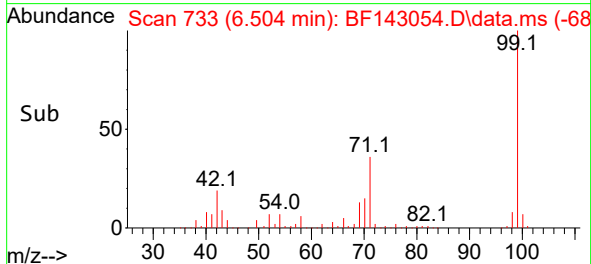
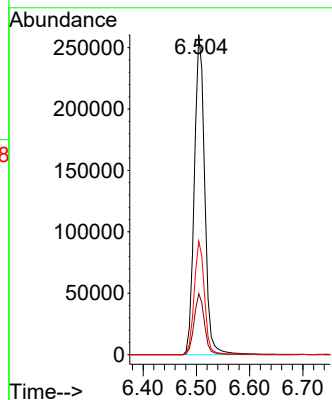
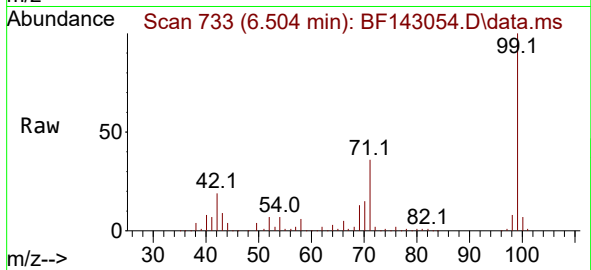




#7
Phenol-d6
Concen: 107.355 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143054.D
Acq: 09 Jul 2025 13:57

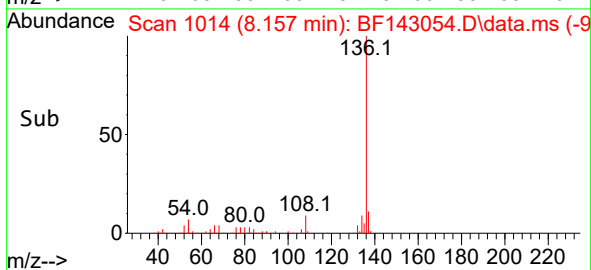
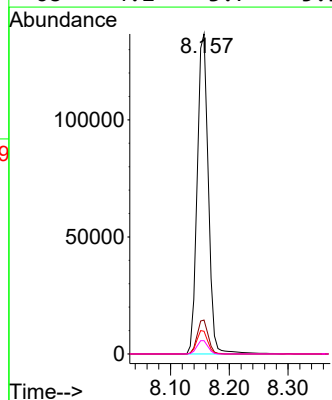
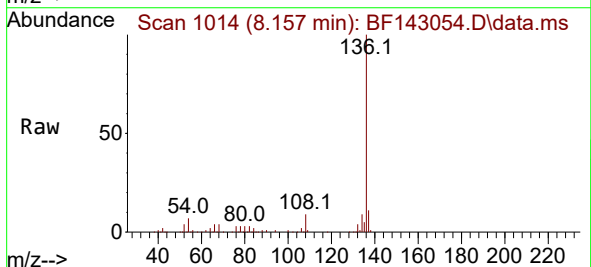
Instrument :
BNA_F
ClientSampleId :
G1(0-6)

Tgt Ion: 99 Resp: 355550
Ion Ratio Lower Upper
99 100
42 19.1 15.9 23.9
71 35.5 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: BF143054.D
Acq: 09 Jul 2025 13:57

Tgt Ion: 136 Resp: 178995
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.1 6.3 9.5
68 4.2 3.7 5.5

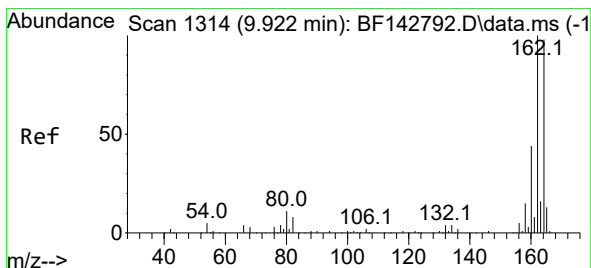
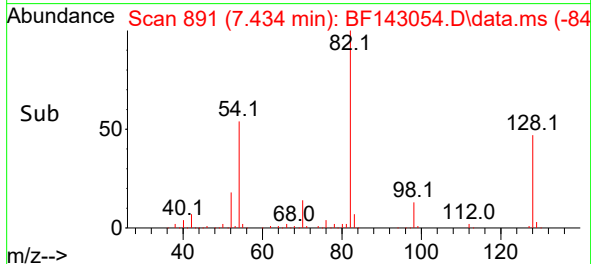
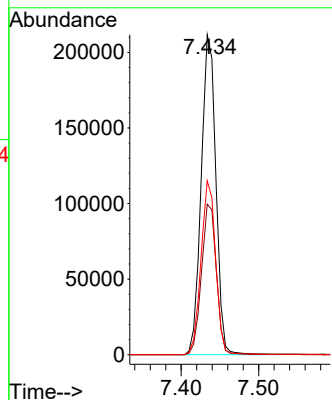
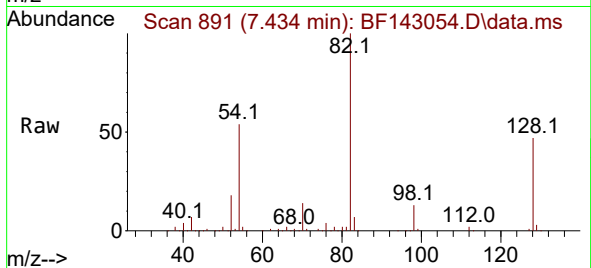




#23
Nitrobenzene-d5
Concen: 85.443 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.011 min
Lab File: BF143054.D
Acq: 09 Jul 2025 13:57

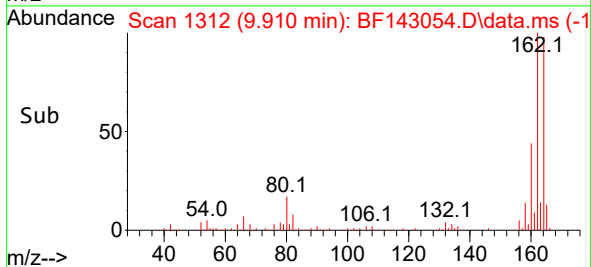
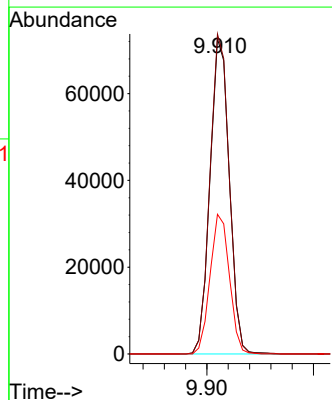
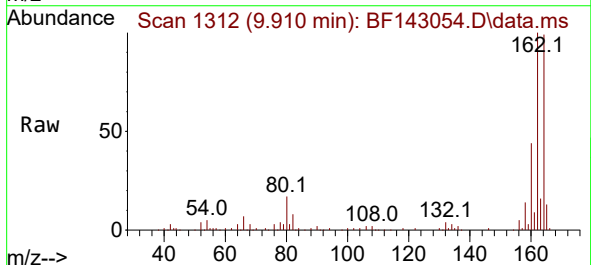
Instrument :
BNA_F
ClientSampleId :
G1(0-6)

Tgt Ion: 82 Resp: 278828
Ion Ratio Lower Upper
82 100
128 47.1 37.7 56.5
54 54.4 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: BF143054.D
Acq: 09 Jul 2025 13:57

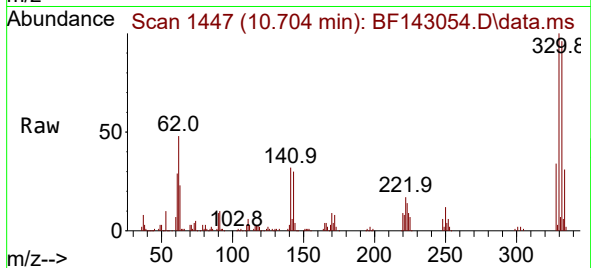
Tgt Ion:164 Resp: 91494
Ion Ratio Lower Upper
164 100
162 101.5 81.8 122.8
160 44.3 36.0 54.0



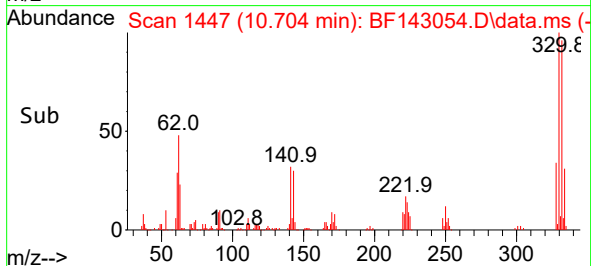
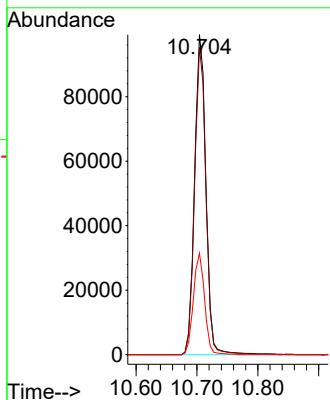


#42
2,4,6-Tribromophenol
Concen: 136.900 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF143054.D
Acq: 09 Jul 2025 13:57

Instrument :
BNA_F
ClientSampleId :
G1(0-6)

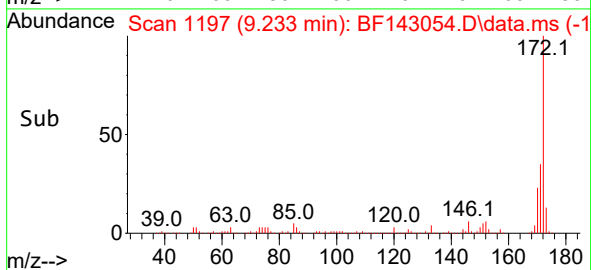
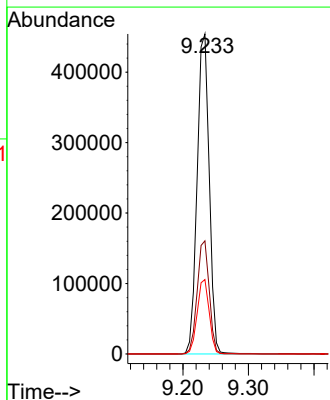
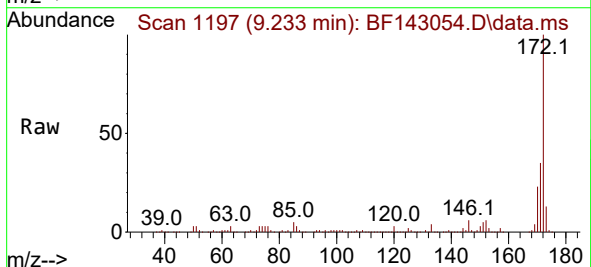


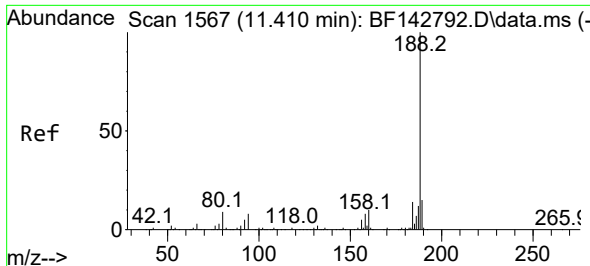
Tgt Ion:330 Resp: 128896
Ion Ratio Lower Upper
330 100
332 95.9 75.0 112.6
141 31.3 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 83.902 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF143054.D
Acq: 09 Jul 2025 13:57

Tgt Ion:172 Resp: 584359
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.2 18.5 27.7

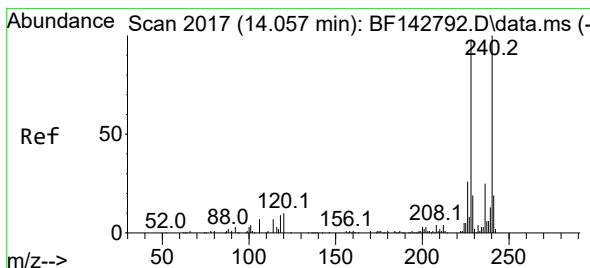
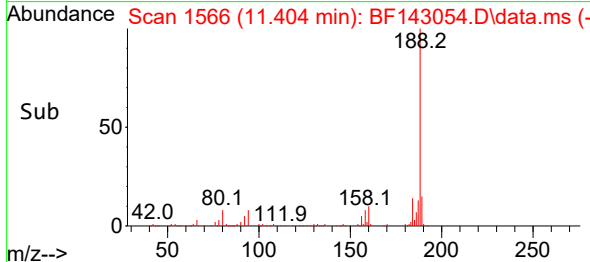
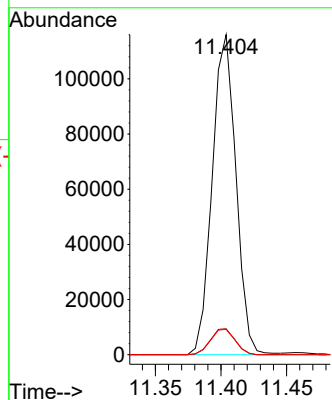
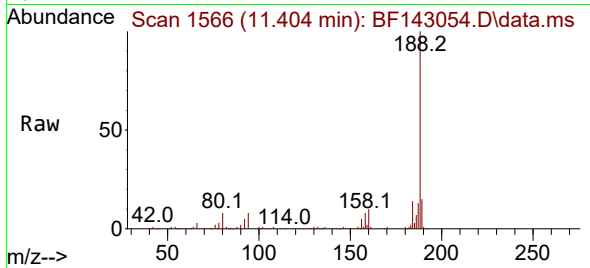




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143054.D
Acq: 09 Jul 2025 13:57

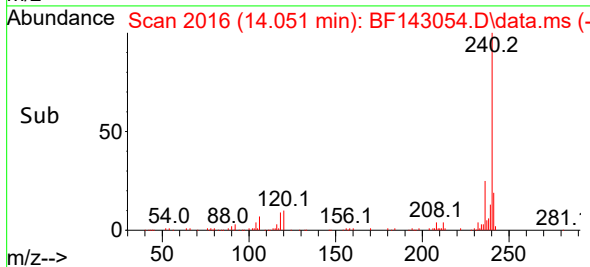
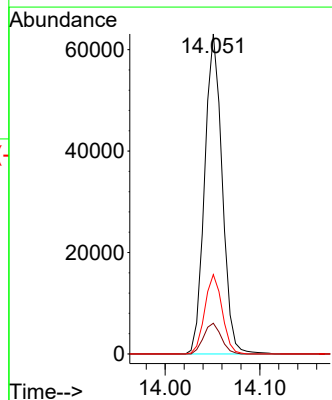
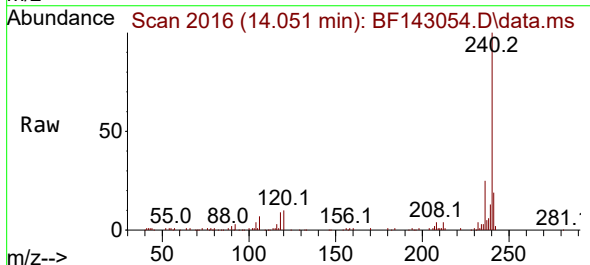
Instrument :
BNA_F
ClientSampleId :
G1(0-6)

Tgt Ion:188 Resp: 145846
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 7.9 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: BF143054.D
Acq: 09 Jul 2025 13:57

Tgt Ion:240 Resp: 81059
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.2
236 24.8 19.8 29.8

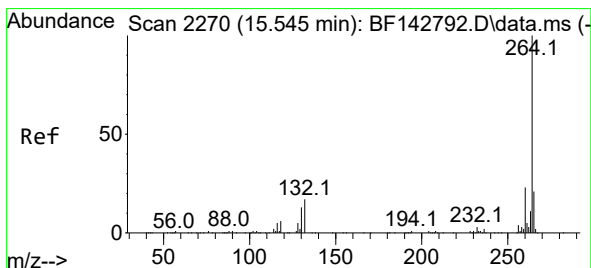
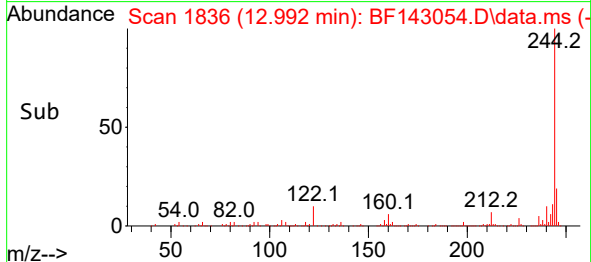
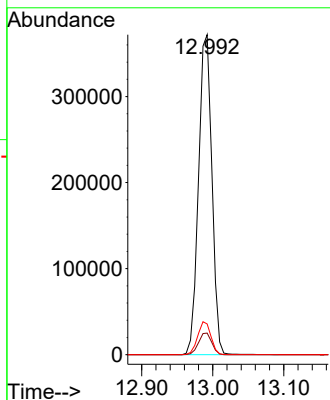
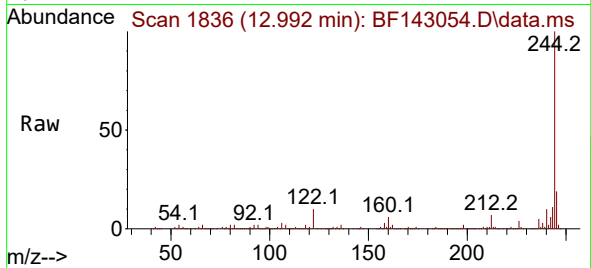




#79
 Terphenyl-d14
 Concen: 83.260 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF143054.D
 Acq: 09 Jul 2025 13:57

Instrument :
 BNA_F
 ClientSampleId :
 G1(0-6)

Tgt Ion:244 Resp: 488454
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 9.6 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: BF143054.D
 Acq: 09 Jul 2025 13:57

Tgt Ion:264 Resp: 94524
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.1 27.1
 265 21.8 16.6 25.0

