

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
 Data File : BF142863.D
 Acq On : 26 Jun 2025 12:39
 Operator : RC/JU
 Sample : Q2405-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-M/H

Quant Time: Jun 26 13:06:11 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	6.875	152	79948	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	305333	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	166232	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	281610	20.000	ng	0.00
76) Chrysene-d12	14.051	240	147222	20.000	ng	0.00
86) Perylene-d12	15.545	264	170519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	443340	92.326	ng	0.00
7) Phenol-d6	6.504	99	538760	95.098	ng	0.00
23) Nitrobenzene-d5	7.439	82	323343	58.086	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	167330	97.817	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	696850	55.070	ng	-0.01
79) Terphenyl-d14	12.992	244	628752	59.009	ng	0.00

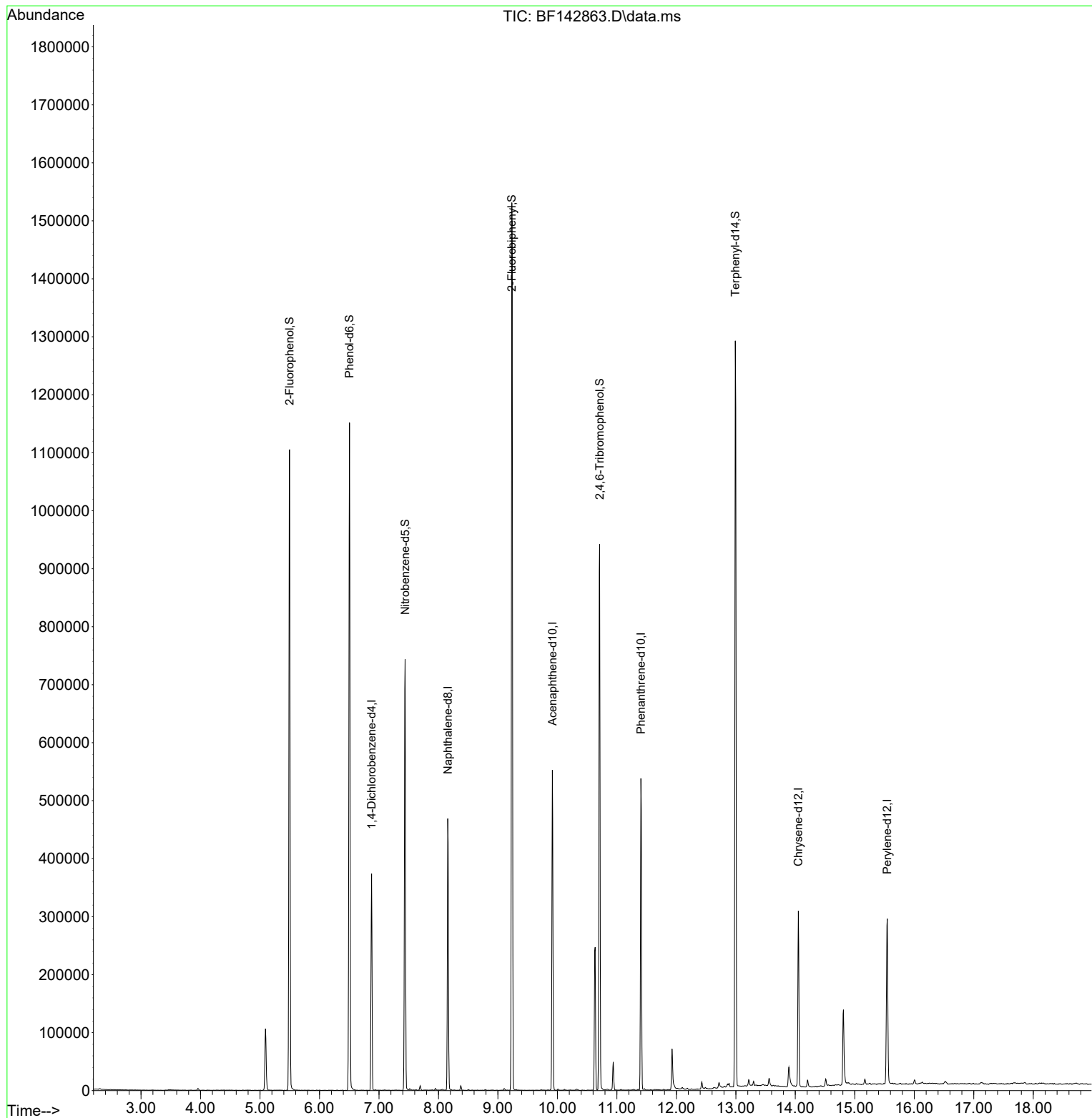
Target Compounds	Qvalue

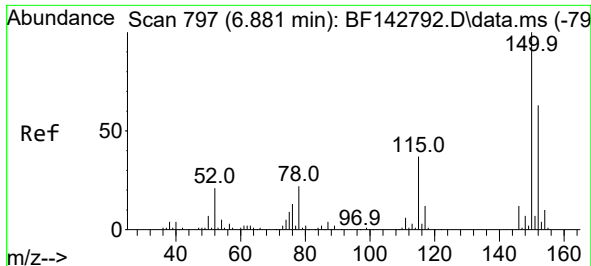
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142863.D
Acq On : 26 Jun 2025 12:39
Operator : RC/JU
Sample : Q2405-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-M/H

Quant Time: Jun 26 13:06:11 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

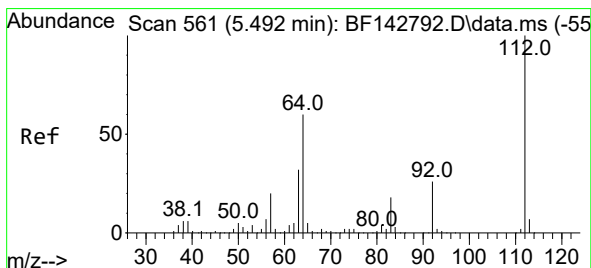
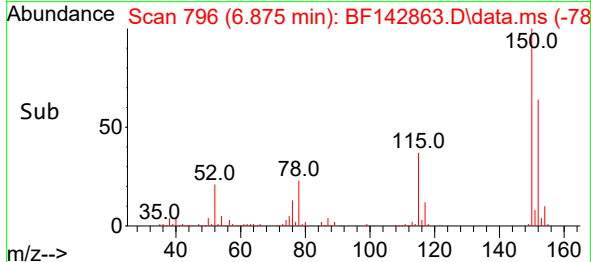
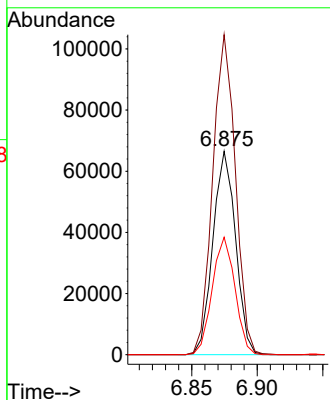
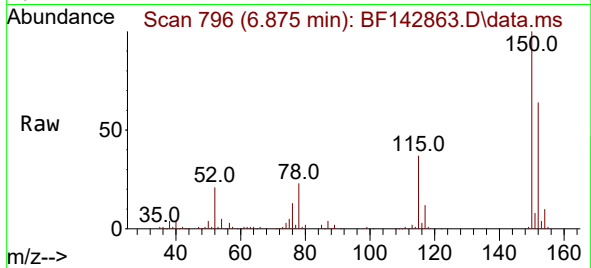




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142863.D
Acq: 26 Jun 2025 12:39

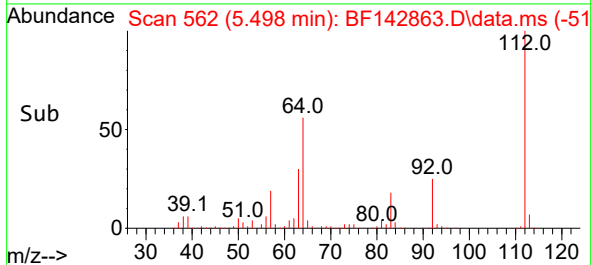
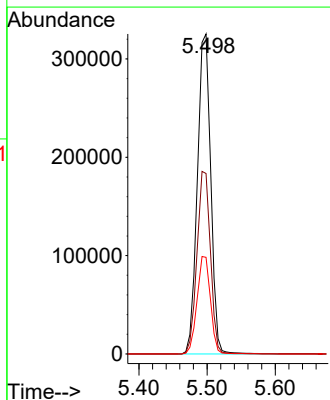
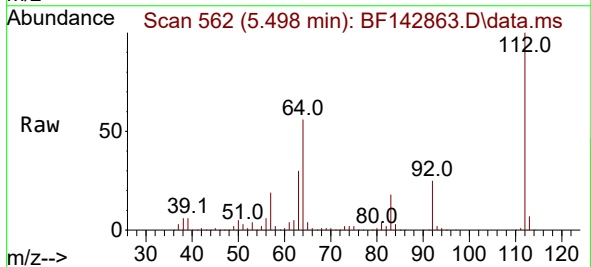
Instrument :
BNA_F
ClientSampleId :
MH-M/H

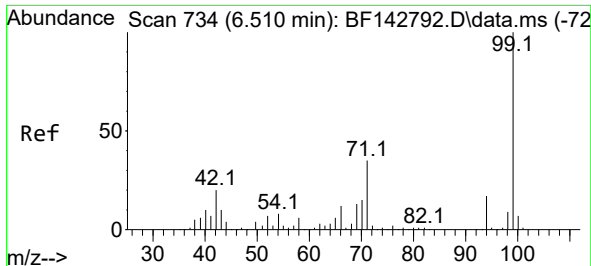
Tgt Ion:152 Resp: 79948
Ion Ratio Lower Upper
152 100
150 157.3 127.2 190.8
115 57.7 46.6 69.8



#5
2-Fluorophenol
Concen: 92.326 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF142863.D
Acq: 26 Jun 2025 12:39

Tgt Ion:112 Resp: 443340
Ion Ratio Lower Upper
112 100
64 56.4 48.2 72.2
63 30.2 25.7 38.5

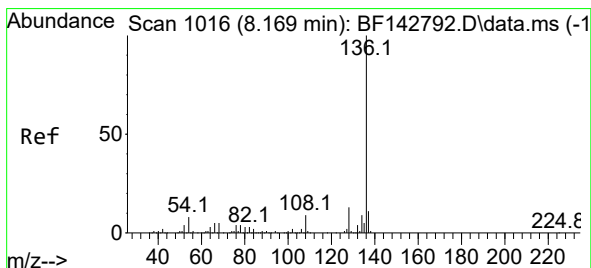
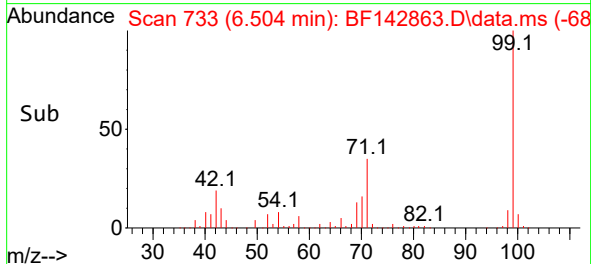
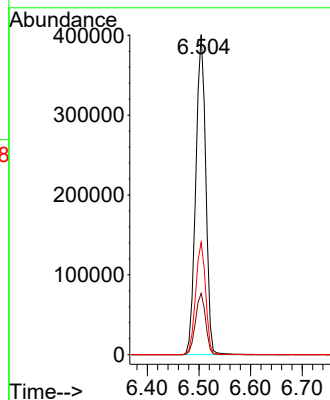
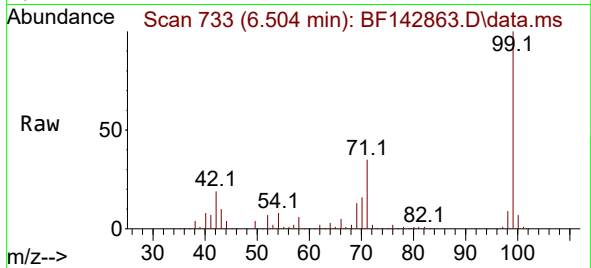




#7
Phenol-d6
Concen: 95.098 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142863.D
Acq: 26 Jun 2025 12:39

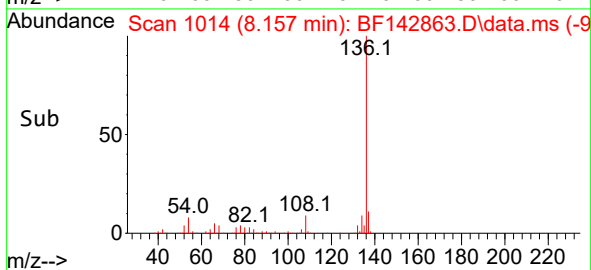
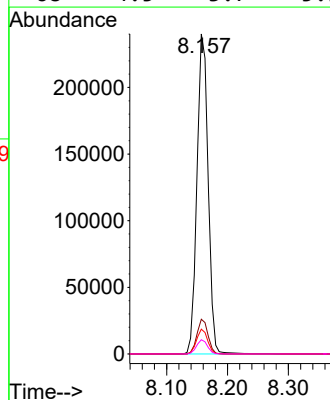
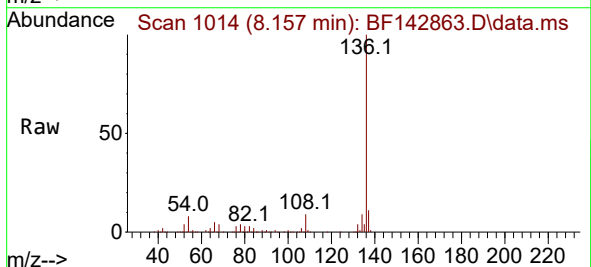
Instrument :
BNA_F
ClientSampleId :
MH-M/H

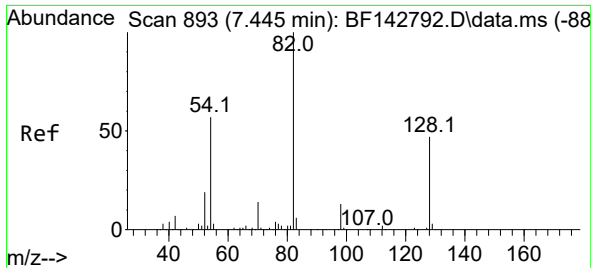
Tgt Ion: 99 Resp: 538760
Ion Ratio Lower Upper
99 100
42 19.2 15.9 23.9
71 35.1 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142863.D
Acq: 26 Jun 2025 12:39

Tgt Ion: 136 Resp: 305333
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.8 6.3 9.5
68 4.5 3.7 5.5





#23

Nitrobenzene-d5

Concen: 58.086 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142863.D

Acq: 26 Jun 2025 12:39

Instrument :

BNA_F

ClientSampleId :

MH-M/H

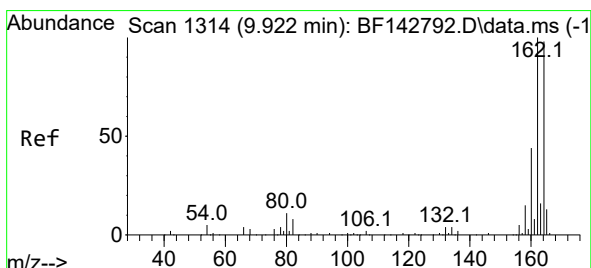
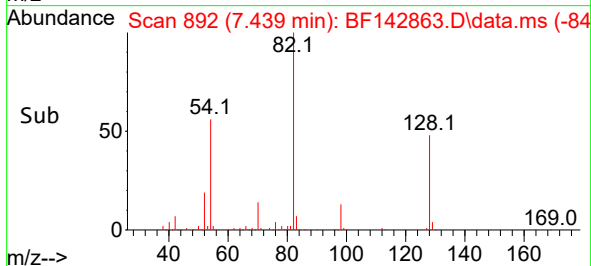
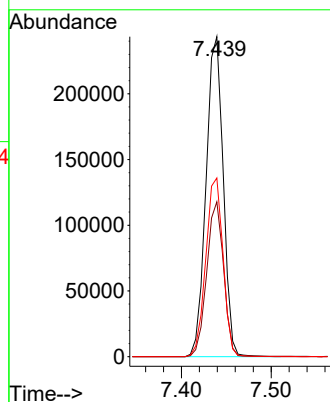
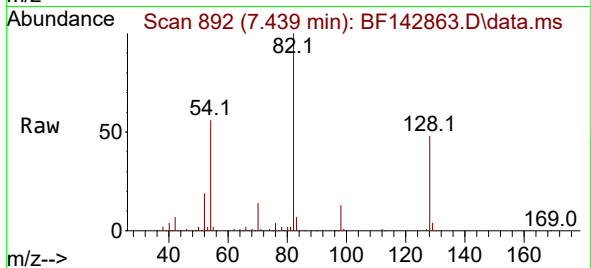
Tgt Ion: 82 Resp: 323343

Ion Ratio Lower Upper

82 100

128 48.4 37.7 56.5

54 55.8 45.7 68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF142863.D

Acq: 26 Jun 2025 12:39

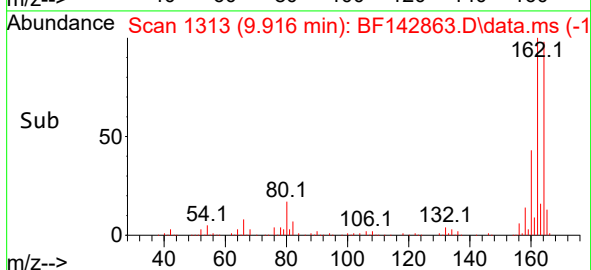
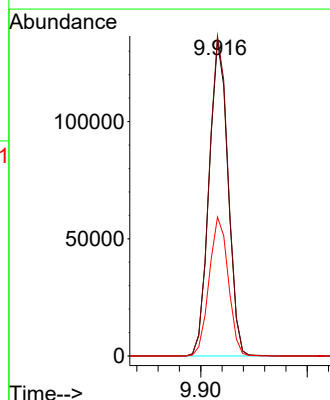
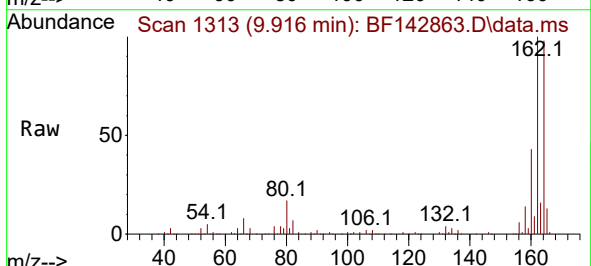
Tgt Ion:164 Resp: 166232

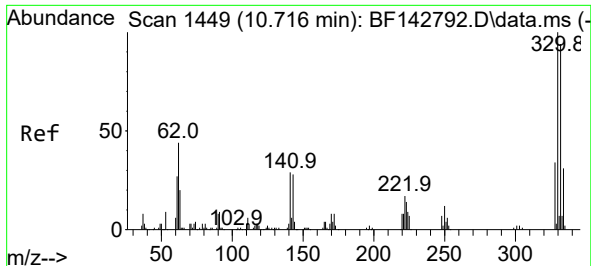
Ion Ratio Lower Upper

164 100

162 101.6 81.8 122.8

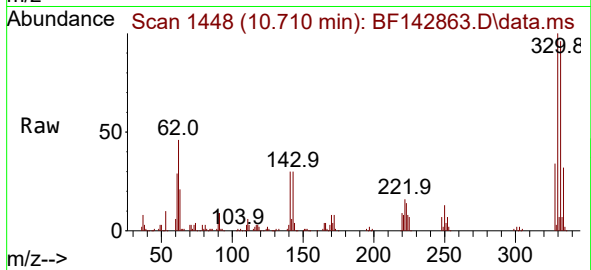
160 44.1 36.0 54.0



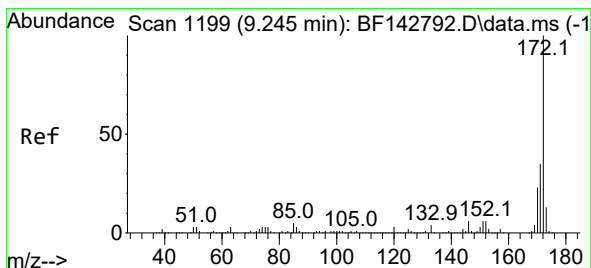
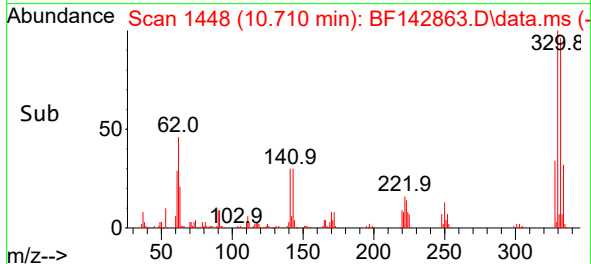
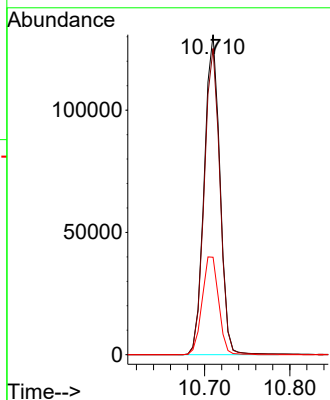


#42
2,4,6-Tribromophenol
Concen: 97.817 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142863.D
Acq: 26 Jun 2025 12:39

Instrument :
BNA_F
ClientSampleId :
MH-M/H

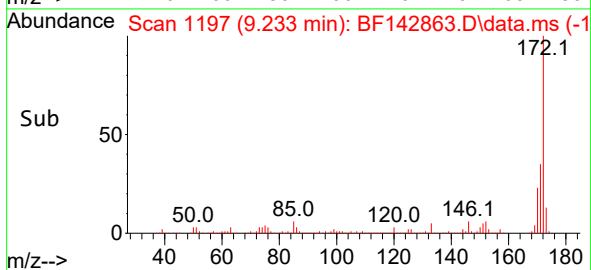
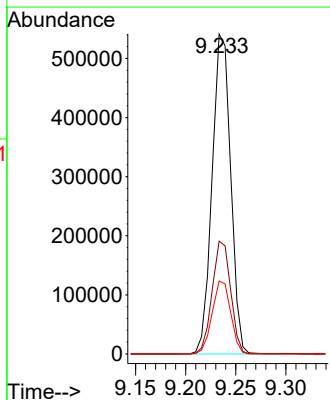
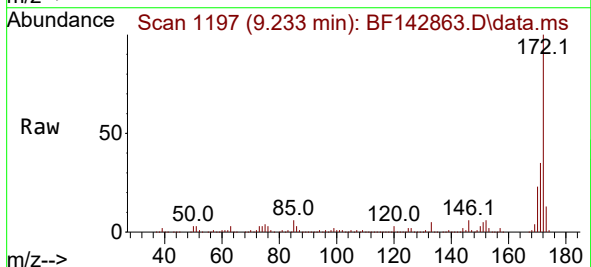


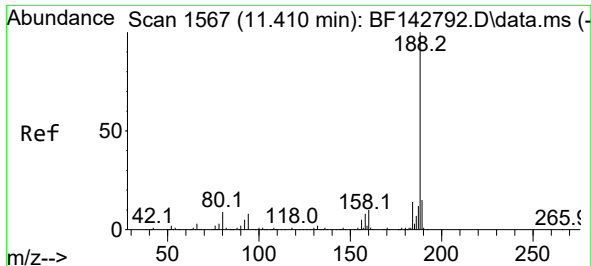
Tgt Ion:330 Resp: 167330
Ion Ratio Lower Upper
330 100
332 96.0 75.0 112.6
141 32.1 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 55.070 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF142863.D
Acq: 26 Jun 2025 12:39

Tgt Ion:172 Resp: 696850
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 22.8 18.5 27.7

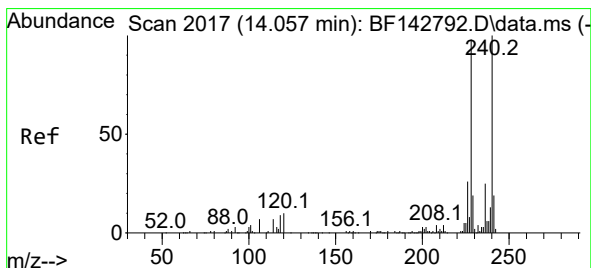
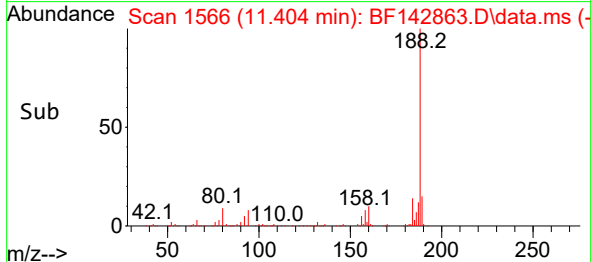
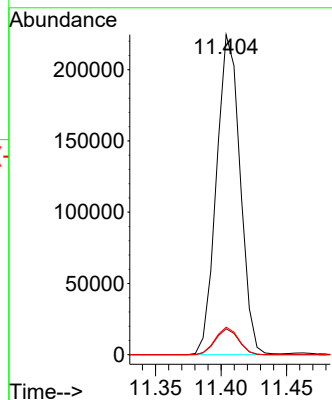
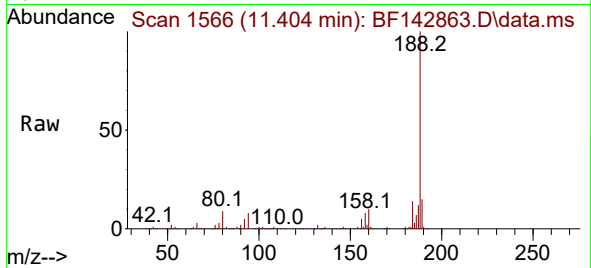




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142863.D
Acq: 26 Jun 2025 12:39

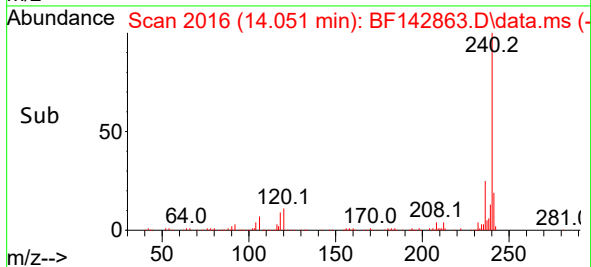
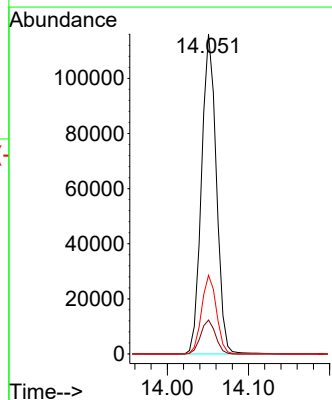
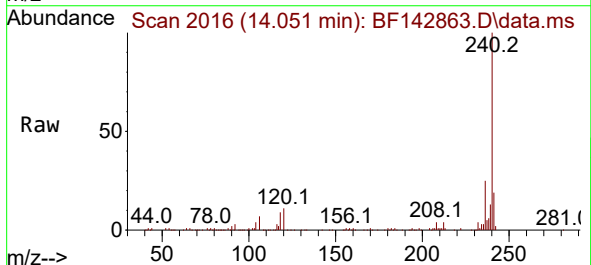
Instrument :
BNA_F
ClientSampleId :
MH-M/H

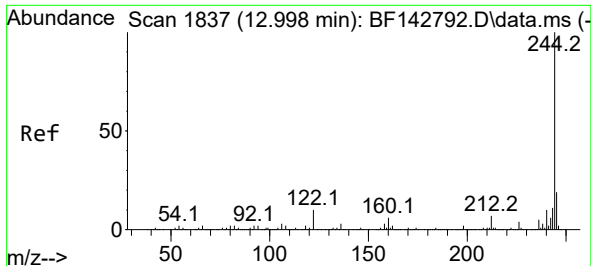
Tgt Ion:188 Resp: 281610
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 8.6 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142863.D
Acq: 26 Jun 2025 12:39

Tgt Ion:240 Resp: 147222
Ion Ratio Lower Upper
240 100
120 10.6 8.2 12.2
236 24.6 19.8 29.8

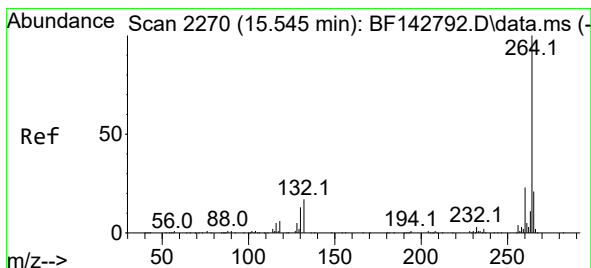
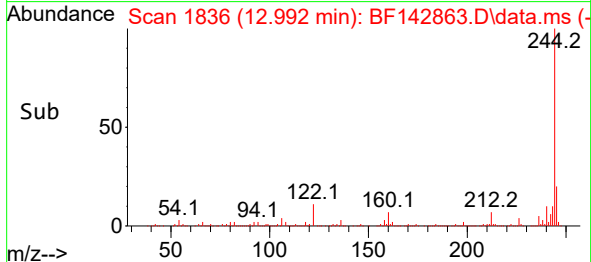
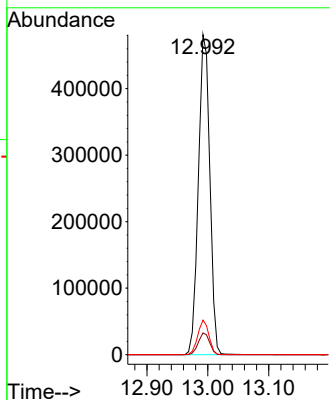
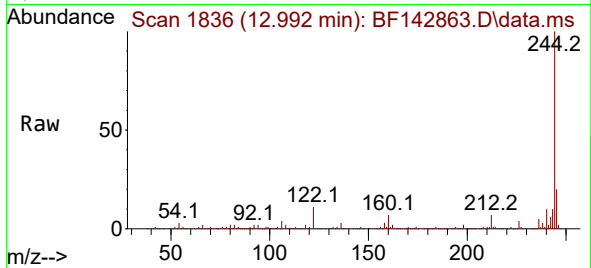




#79
 Terphenyl-d14
 Concen: 59.009 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142863.D
 Acq: 26 Jun 2025 12:39

Instrument :
 BNA_F
 ClientSampleId :
 MH-M/H

Tgt Ion:244 Resp: 628752
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.8 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: BF142863.D
 Acq: 26 Jun 2025 12:39

Tgt Ion:264 Resp: 170519
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.1 27.1
 265 21.3 16.6 25.0

