

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142900.D
 Acq On : 27 Jun 2025 18:40
 Operator : RC/JU
 Sample : Q2416-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-G/H

Quant Time: Jun 27 22:40:18 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	56824	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	198843	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	92473	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	149010	20.000	ng	0.00
76) Chrysene-d12	14.051	240	148562	20.000	ng	0.00
86) Perylene-d12	15.545	264	99679	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	396671	116.223	ng	0.01
7) Phenol-d6	6.510	99	411901	102.293	ng	0.00
23) Nitrobenzene-d5	7.439	82	307147	84.726	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	126830	133.279	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	621461	88.285	ng	-0.01
79) Terphenyl-d14	12.992	244	645610	60.045	ng	0.00

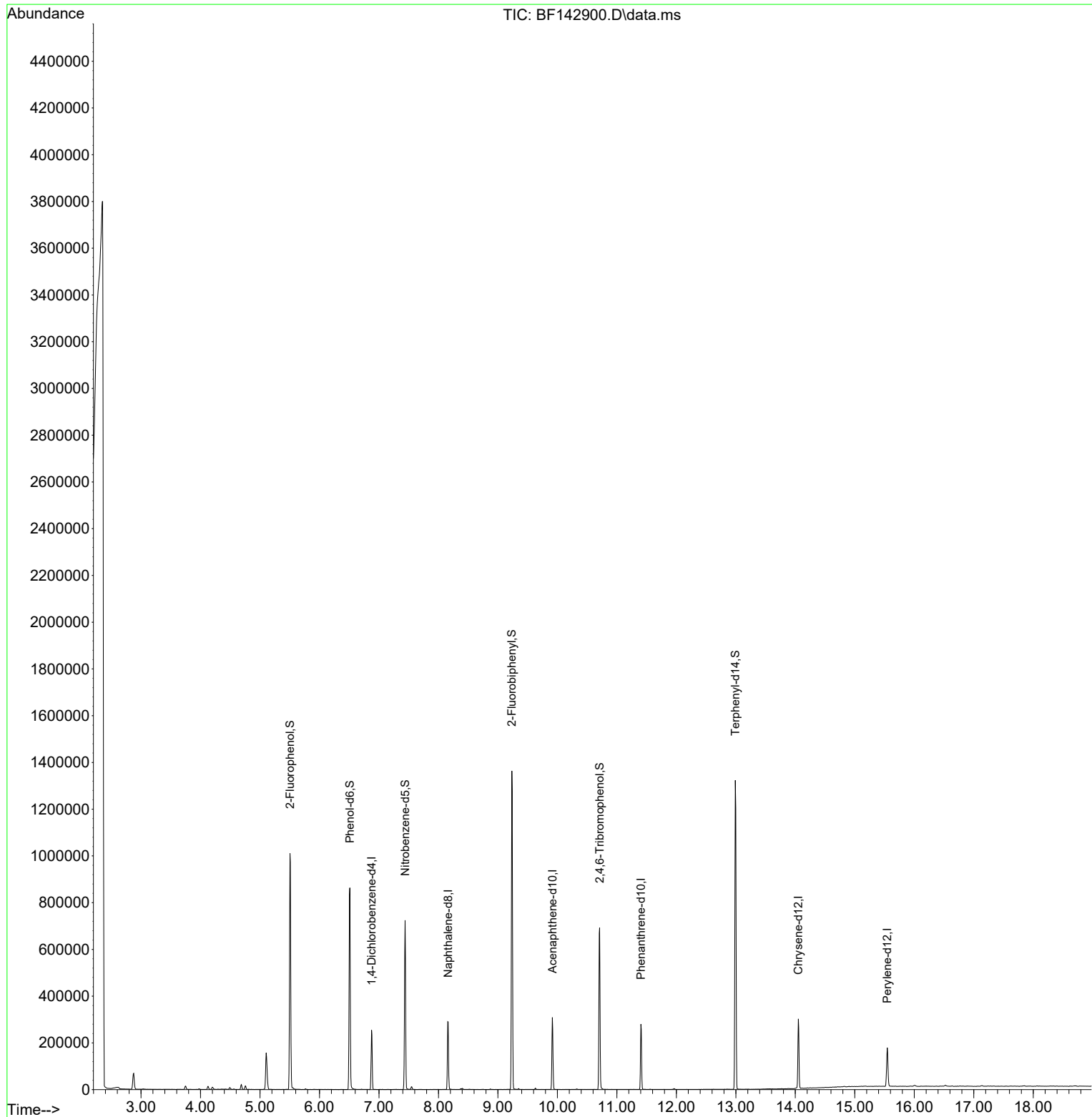
Target Compounds	Qvalue

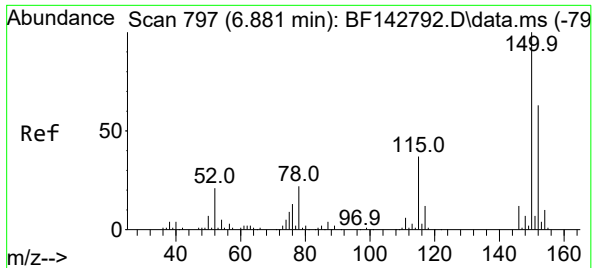
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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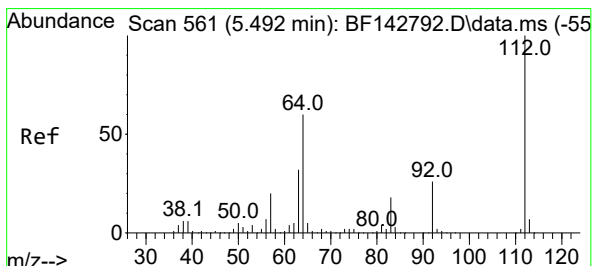
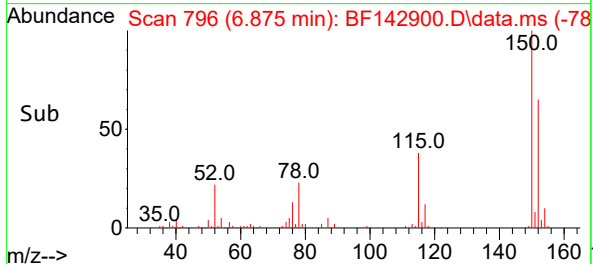
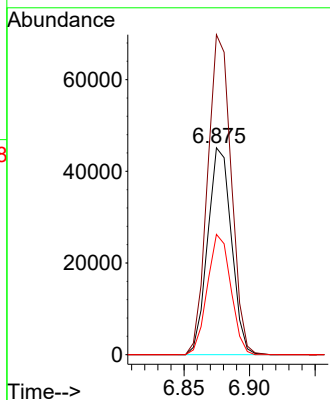
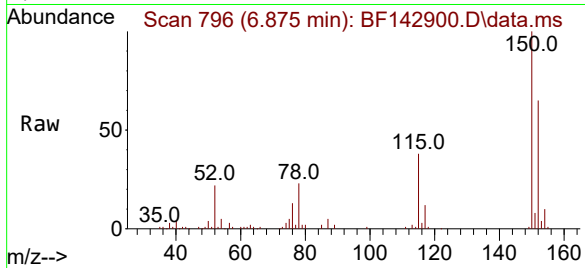




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF142900.D
 Acq: 27 Jun 2025 18:40

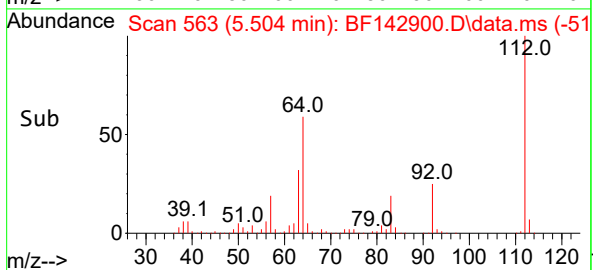
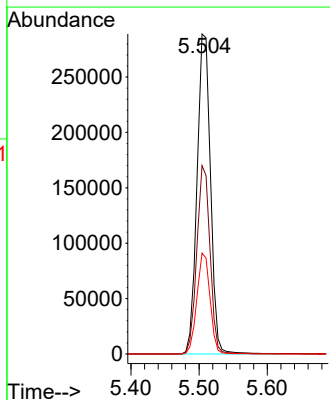
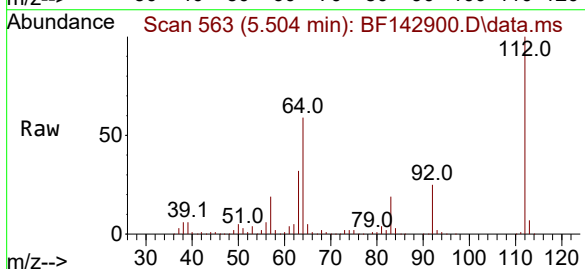
Instrument :
 BNA_F
 ClientSampleId :
 MH-G/H

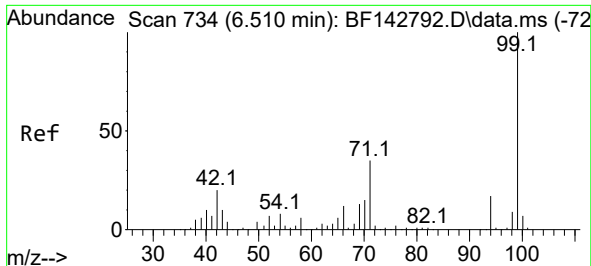
Tgt Ion:152 Resp: 56824
 Ion Ratio Lower Upper
 152 100
 150 154.7 127.2 190.8
 115 58.1 46.6 69.8



#5
 2-Fluorophenol
 Concen: 116.223 ng
 RT: 5.504 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF142900.D
 Acq: 27 Jun 2025 18:40

Tgt Ion:112 Resp: 396671
 Ion Ratio Lower Upper
 112 100
 64 58.8 48.2 72.2
 63 31.5 25.7 38.5

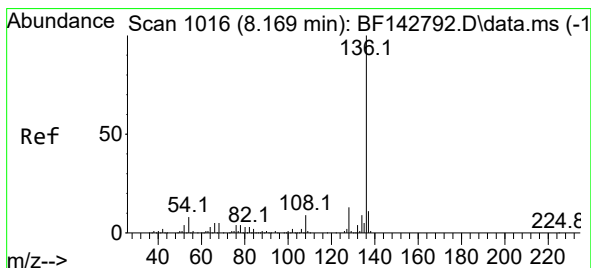
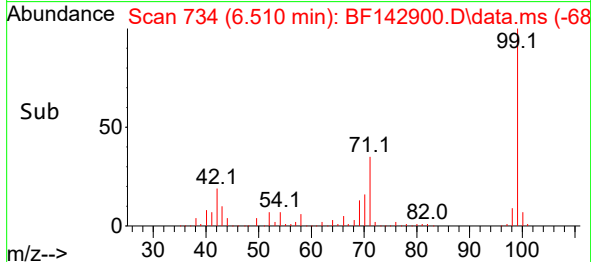
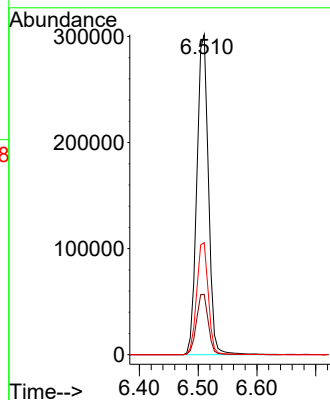
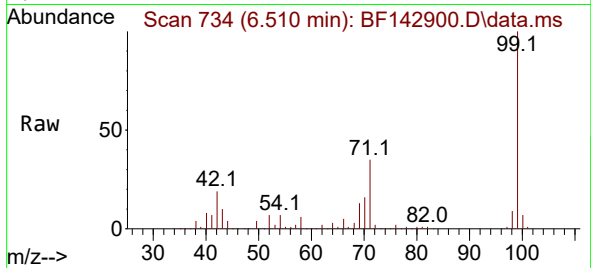




#7
Phenol-d6
Concen: 102.293 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142900.D
Acq: 27 Jun 2025 18:40

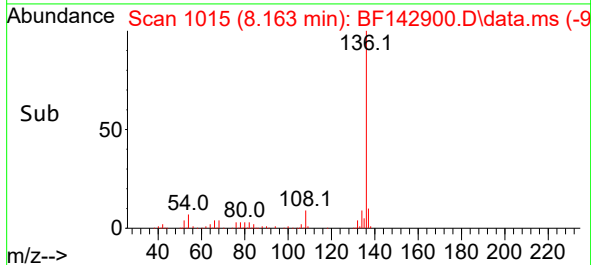
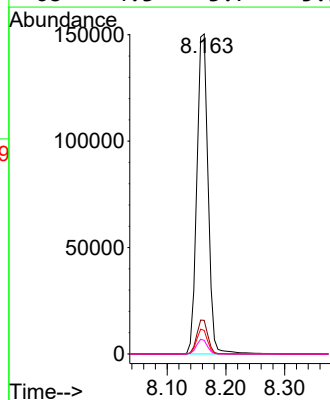
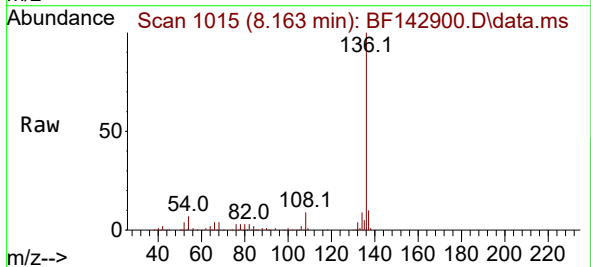
Instrument :
BNA_F
ClientSampleId :
MH-G/H

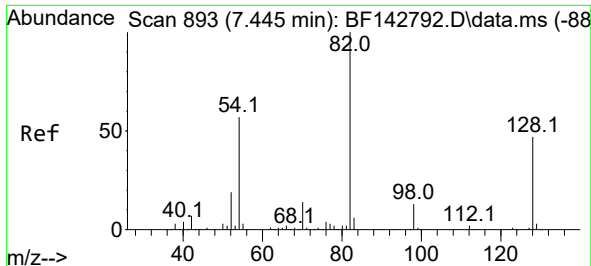
Tgt Ion: 99 Resp: 411901
Ion Ratio Lower Upper
99 100
42 18.8 15.9 23.9
71 35.0 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF142900.D
Acq: 27 Jun 2025 18:40

Tgt Ion: 136 Resp: 198843
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 7.3 6.3 9.5
68 4.3 3.7 5.5





#23

Nitrobenzene-d5

Concen: 84.726 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142900.D

Acq: 27 Jun 2025 18:40

Instrument :

BNA_F

ClientSampleId :

MH-G/H

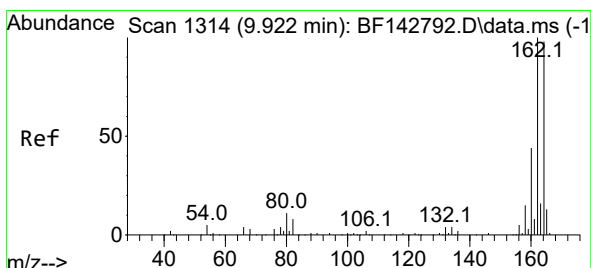
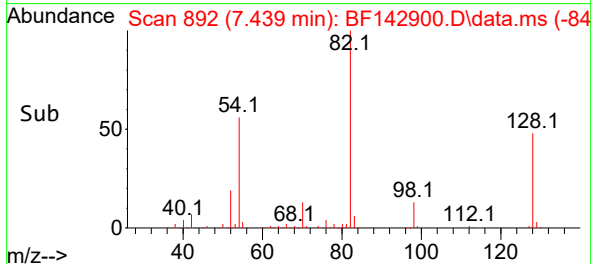
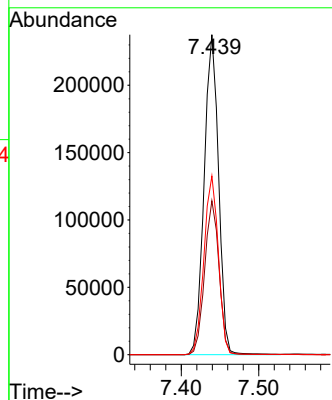
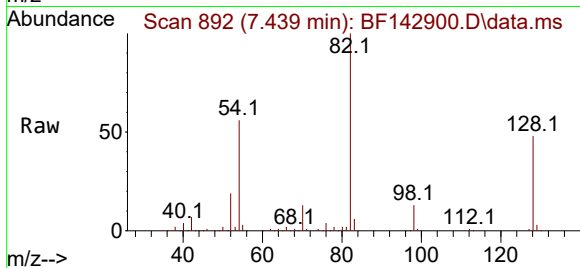
Tgt Ion: 82 Resp: 307147

Ion Ratio Lower Upper

82 100

128 48.1 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: BF142900.D

Acq: 27 Jun 2025 18:40

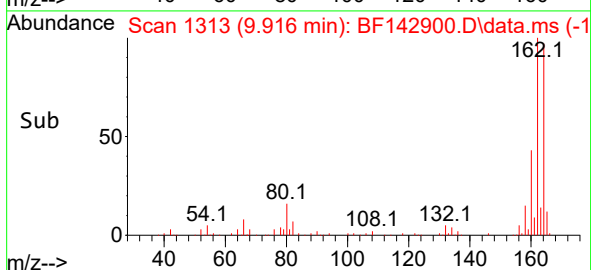
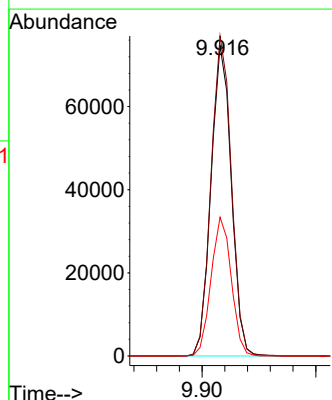
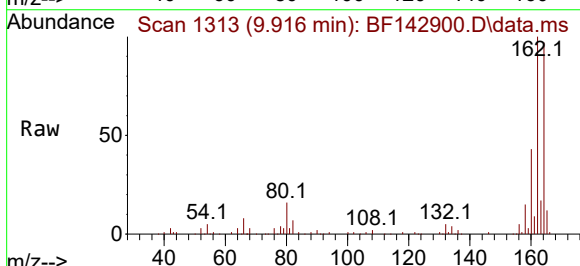
Tgt Ion:164 Resp: 92473

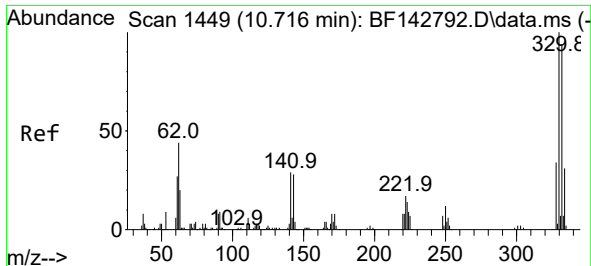
Ion Ratio Lower Upper

164 100

162 103.1 81.8 122.8

160 44.7 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 133.279 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF142900.D

Acq: 27 Jun 2025 18:40

Instrument :

BNA_F

ClientSampleId :

MH-G/H

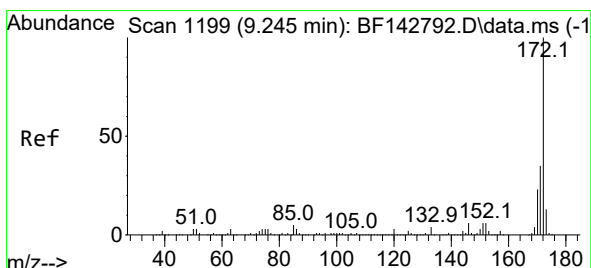
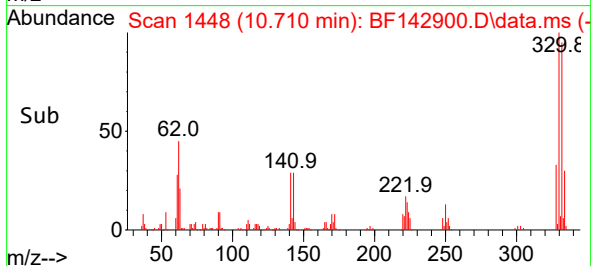
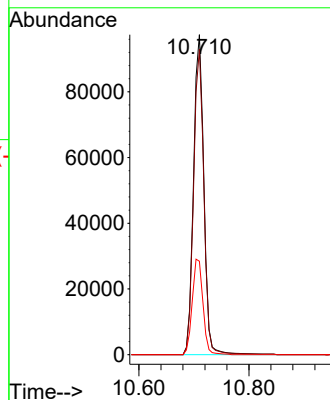
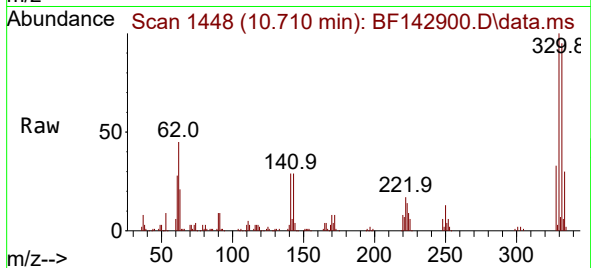
Tgt Ion:330 Resp: 126830

Ion Ratio Lower Upper

330 100

332 95.0 75.0 112.6

141 30.9 25.3 37.9



#45

2-Fluorobiphenyl

Concen: 88.285 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF142900.D

Acq: 27 Jun 2025 18:40

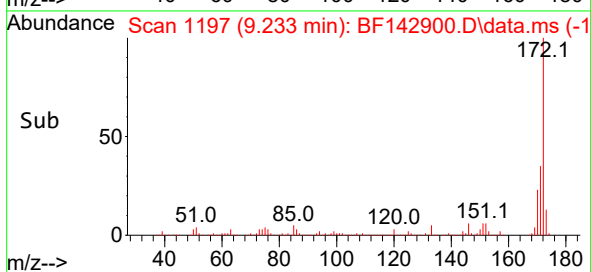
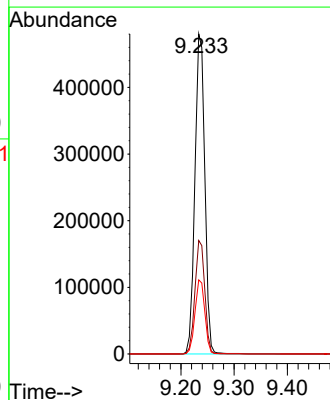
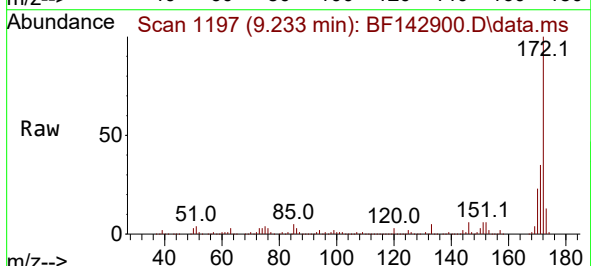
Tgt Ion:172 Resp: 621461

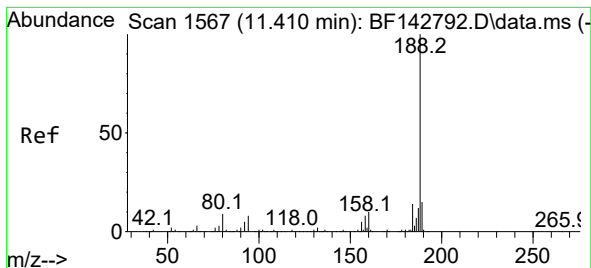
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.1 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: BF142900.D

Acq: 27 Jun 2025 18:40

Instrument :

BNA_F

ClientSampleId :

MH-G/H

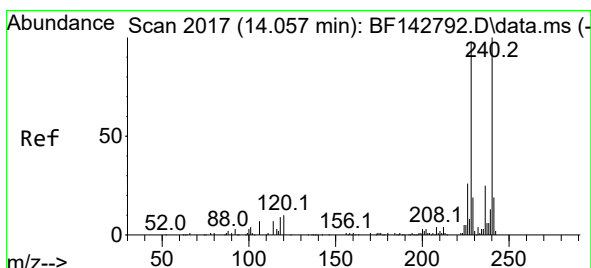
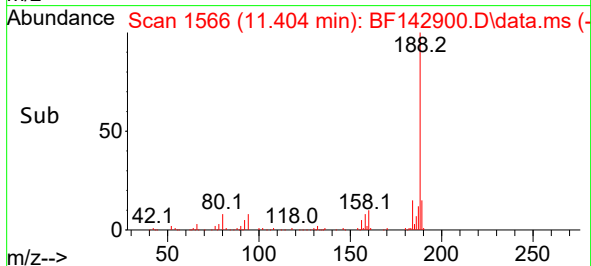
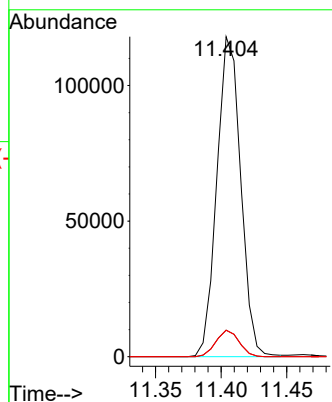
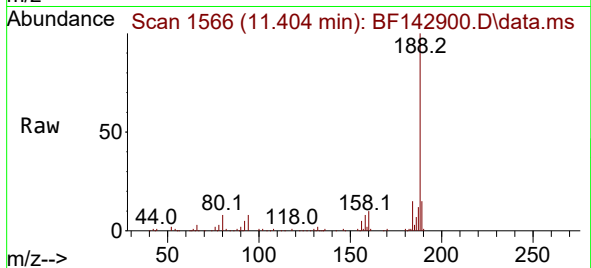
Tgt Ion:188 Resp: 149010

Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

80 8.2 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: BF142900.D

Acq: 27 Jun 2025 18:40

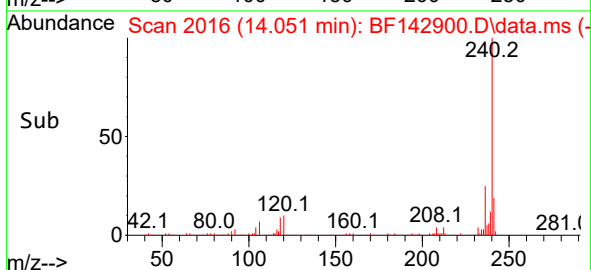
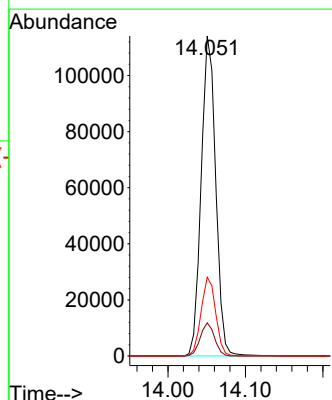
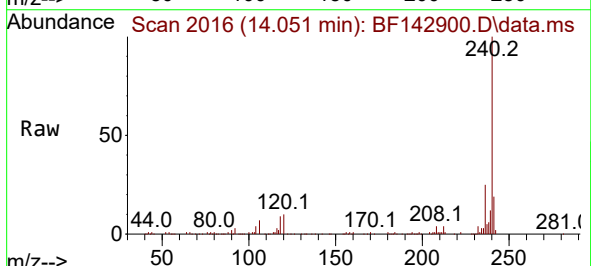
Tgt Ion:240 Resp: 148562

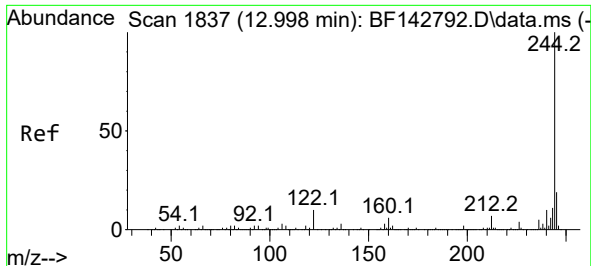
Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.2

236 24.6 19.8 29.8

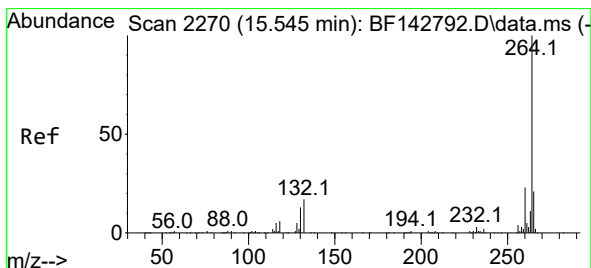
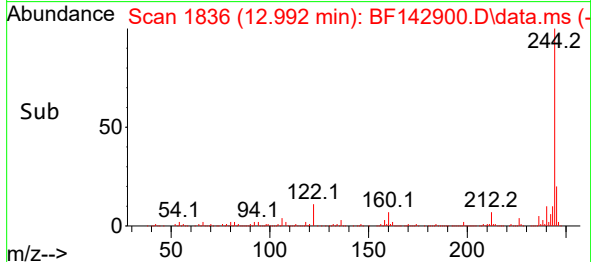
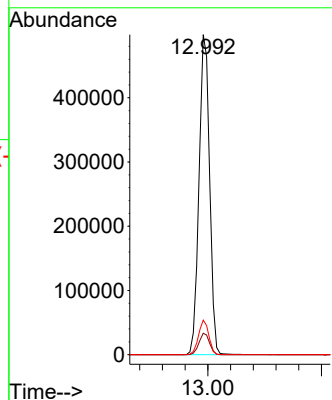
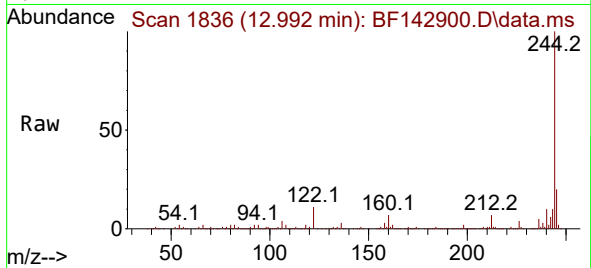




#79
 Terphenyl-d14
 Concen: 60.045 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142900.D
 Acq: 27 Jun 2025 18:40

Instrument :
 BNA_F
 ClientSampleId :
 MH-G/H

Tgt Ion:244 Resp: 645610
 Ion Ratio Lower Upper
 244 100
 212 6.7 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: BF142900.D
 Acq: 27 Jun 2025 18:40

Tgt Ion:264 Resp: 99679
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.1 27.1
 265 22.4 16.6 25.0

