

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
 Data File : BF142908.D
 Acq On : 30 Jun 2025 10:13
 Operator : RC/JU
 Sample : PB168560BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168560BL

Quant Time: Jun 30 11:36:45 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	69575	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	268176	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	144702	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	251183	20.000	ng	0.00
76) Chrysene-d12	14.051	240	158180	20.000	ng	0.00
86) Perylene-d12	15.545	264	148614	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	540594	129.364	ng	0.01
7) Phenol-d6	6.510	99	627764	127.329	ng	0.00
23) Nitrobenzene-d5	7.439	82	398769	81.561	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	201655	135.422	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	874735	79.413	ng	0.00
79) Terphenyl-d14	12.998	244	885372	77.337	ng	0.00

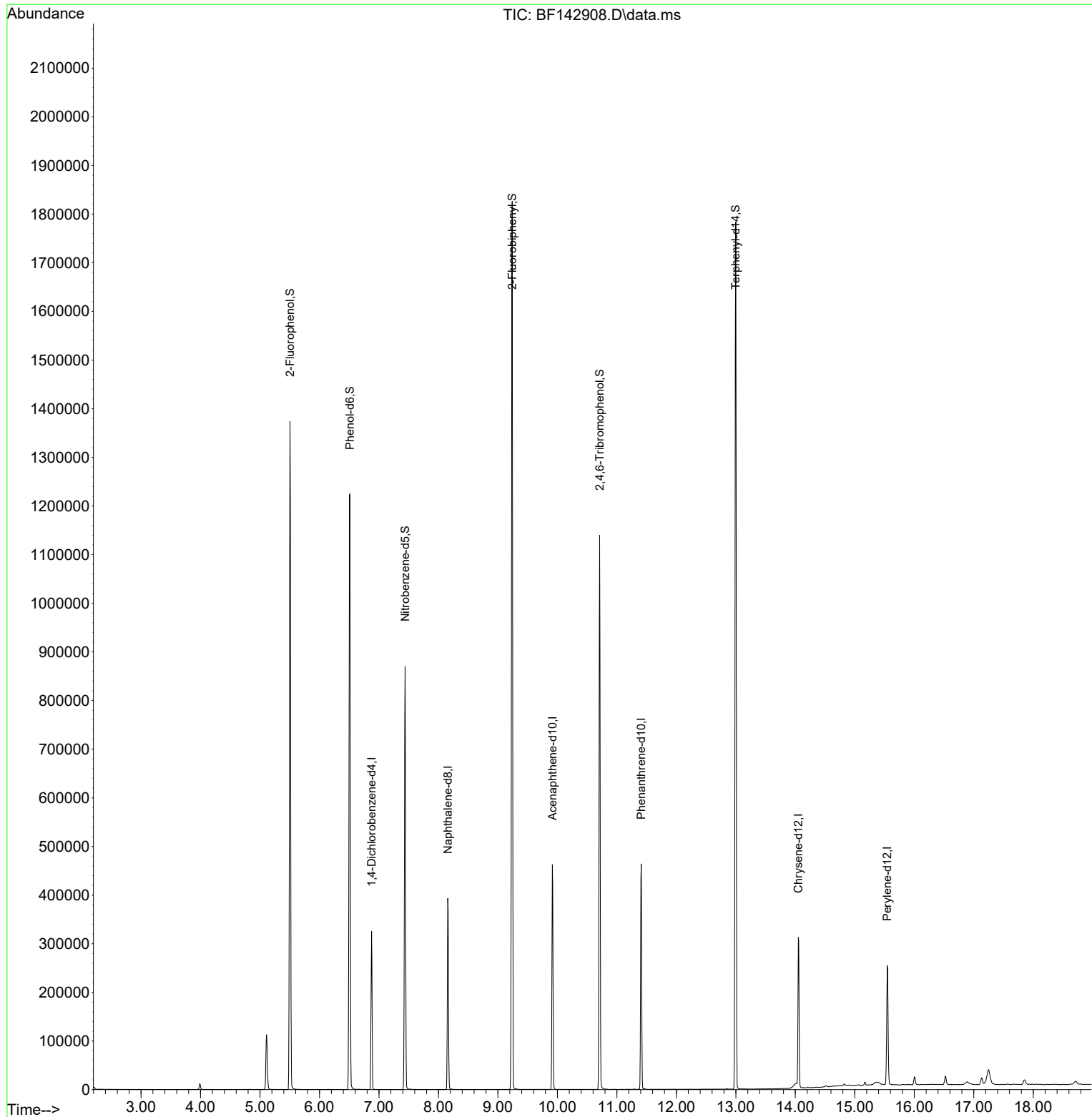
Target Compounds	Qvalue

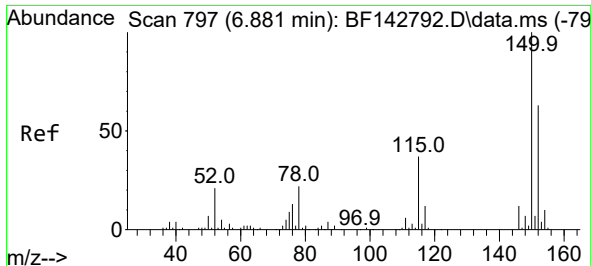
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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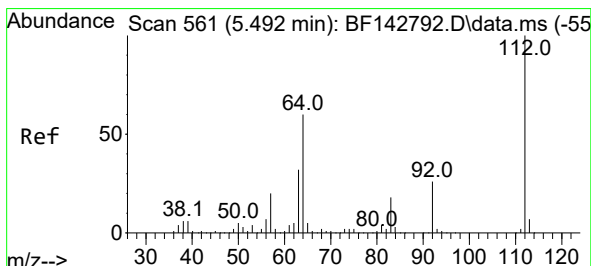
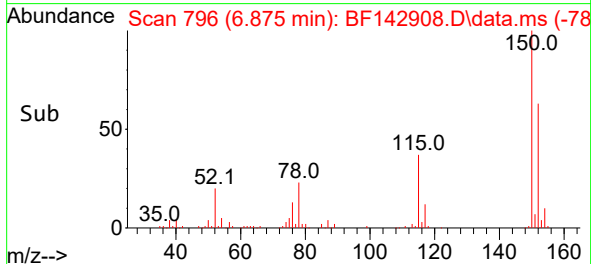
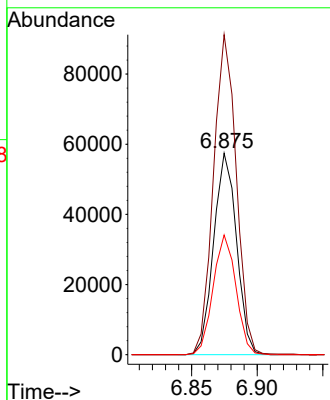
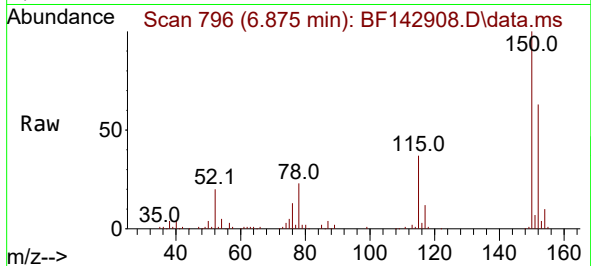




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF142908.D
 Acq: 30 Jun 2025 10:13

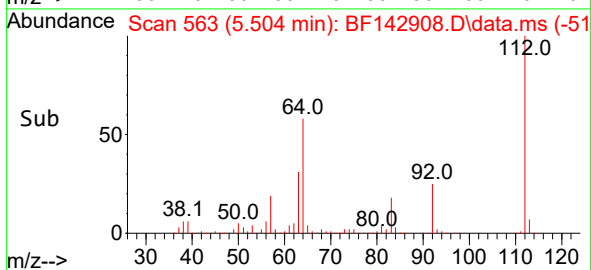
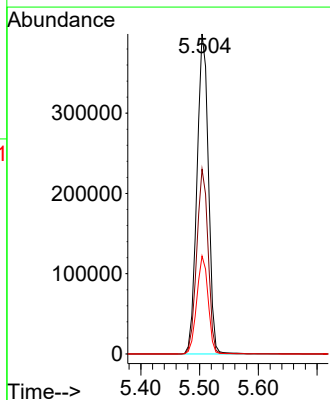
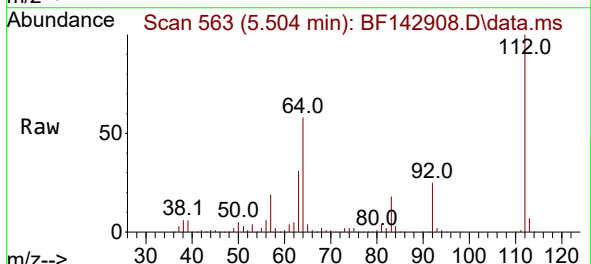
Instrument :
 BNA_F
 ClientSampleId :
 PB168560BL

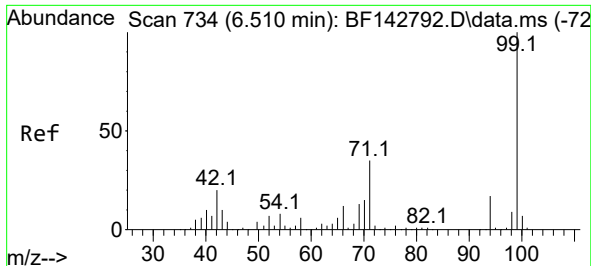
Tgt Ion:152 Resp: 69575
 Ion Ratio Lower Upper
 152 100
 150 158.8 127.2 190.8
 115 59.4 46.6 69.8



#5
 2-Fluorophenol
 Concen: 129.364 ng
 RT: 5.504 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF142908.D
 Acq: 30 Jun 2025 10:13

Tgt Ion:112 Resp: 540594
 Ion Ratio Lower Upper
 112 100
 64 57.8 48.2 72.2
 63 30.6 25.7 38.5

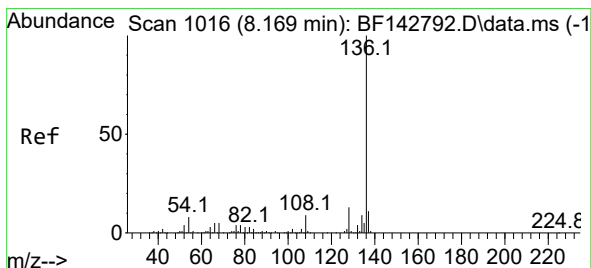
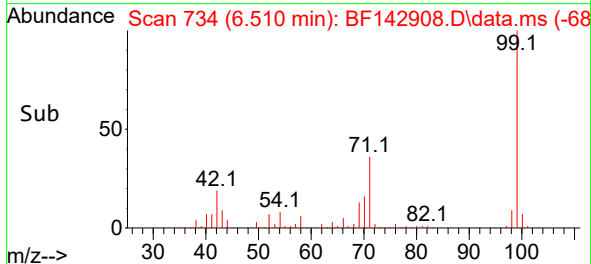
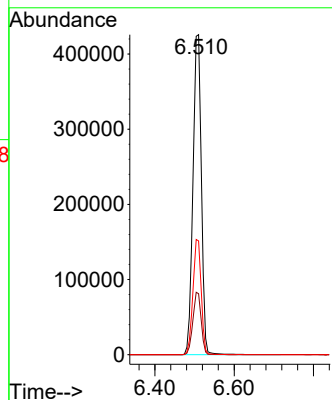
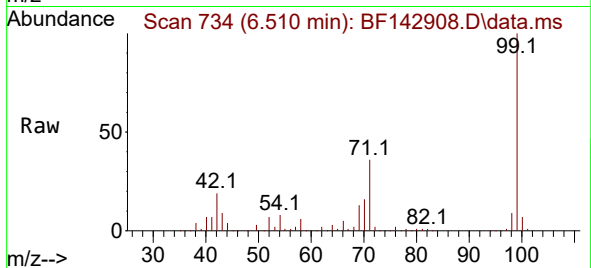




#7
Phenol-d6
Concen: 127.329 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142908.D
Acq: 30 Jun 2025 10:13

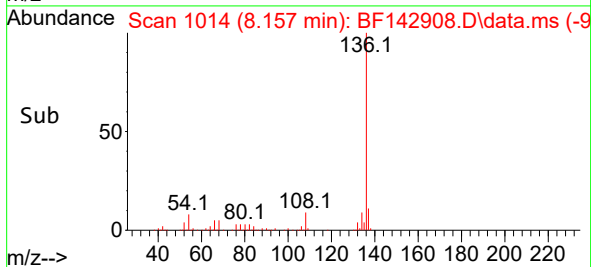
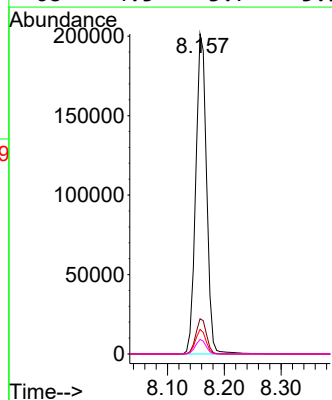
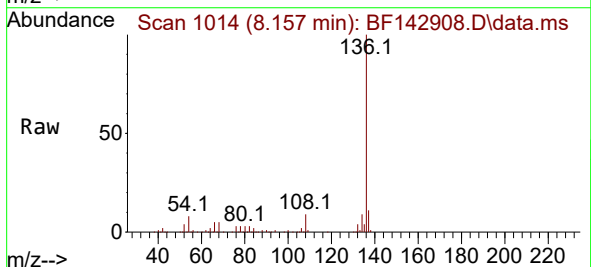
Instrument :
BNA_F
ClientSampleId :
PB168560BL

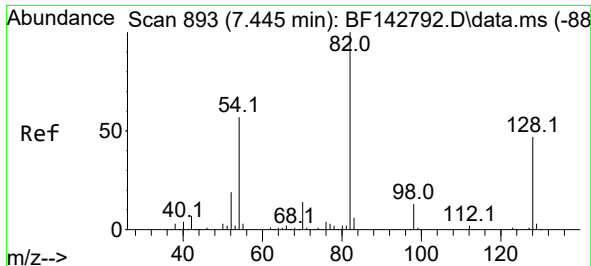
Tgt Ion: 99 Resp: 627764
Ion Ratio Lower Upper
99 100
42 19.1 15.9 23.9
71 35.5 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142908.D
Acq: 30 Jun 2025 10:13

Tgt Ion: 136 Resp: 268176
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.7 6.3 9.5
68 4.5 3.7 5.5





#23

Nitrobenzene-d5

Concen: 81.561 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142908.D

Acq: 30 Jun 2025 10:13

Instrument :

BNA_F

ClientSampleId :

PB168560BL

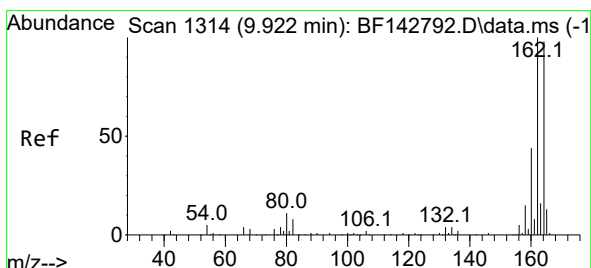
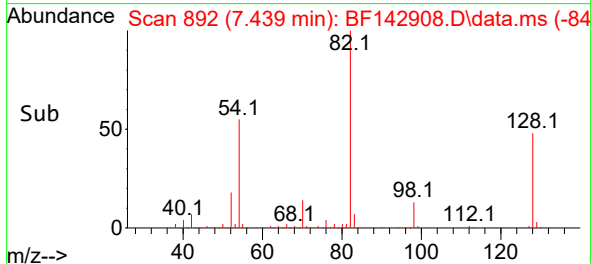
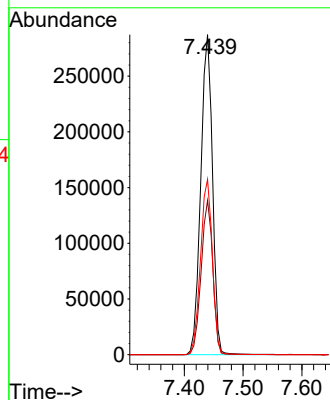
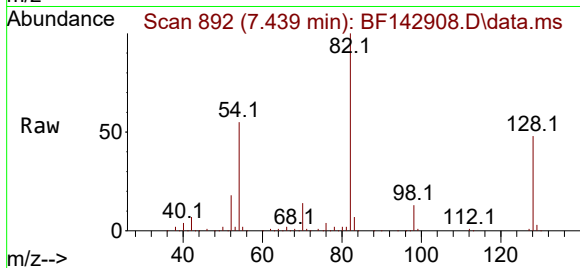
Tgt Ion: 82 Resp: 398769

Ion Ratio Lower Upper

82 100

128 48.2 37.7 56.5

54 54.8 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: BF142908.D

Acq: 30 Jun 2025 10:13

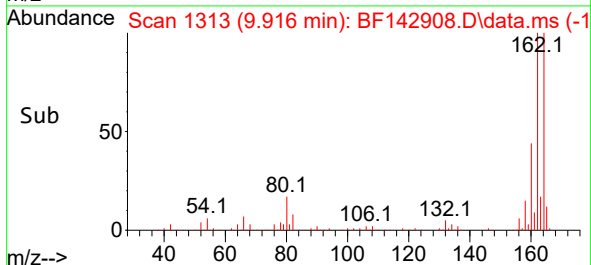
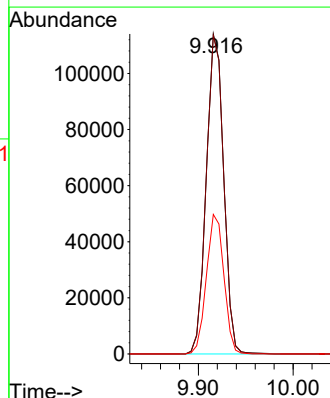
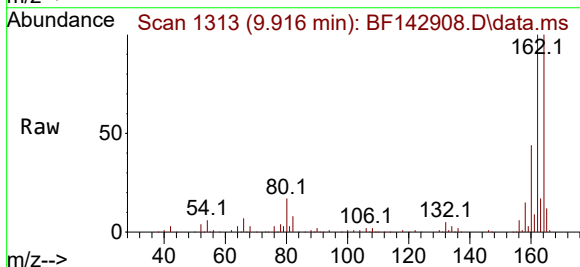
Tgt Ion:164 Resp: 144702

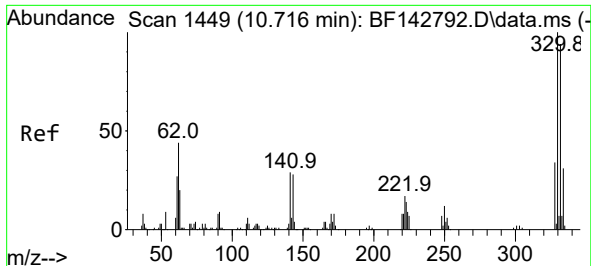
Ion Ratio Lower Upper

164 100

162 99.6 81.8 122.8

160 43.6 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 135.422 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF142908.D

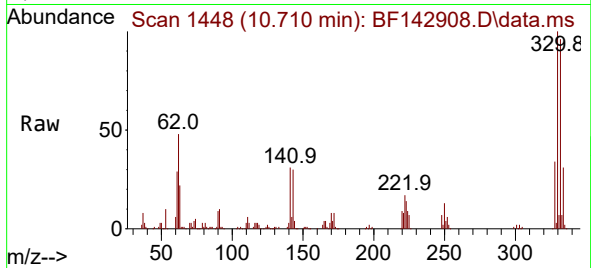
Acq: 30 Jun 2025 10:13

Instrument :

BNA_F

ClientSampleId :

PB168560BL



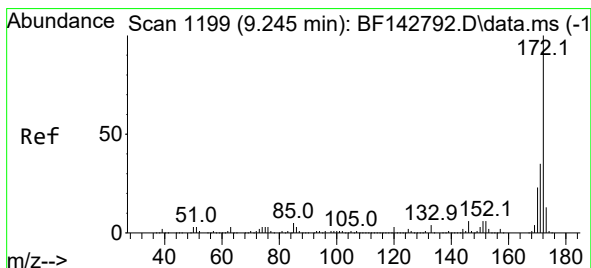
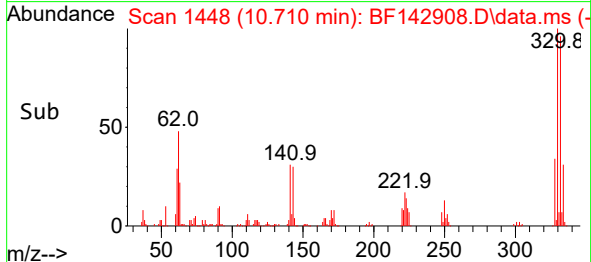
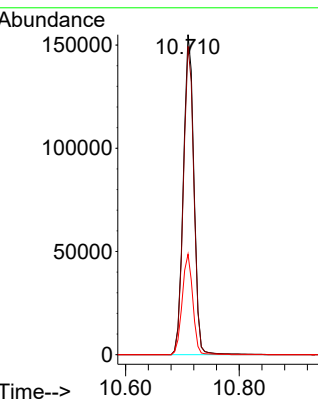
Tgt Ion:330 Resp: 201655

Ion Ratio Lower Upper

330 100

332 96.2 75.0 112.6

141 31.4 25.3 37.9



#45

2-Fluorobiphenyl

Concen: 79.413 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF142908.D

Acq: 30 Jun 2025 10:13

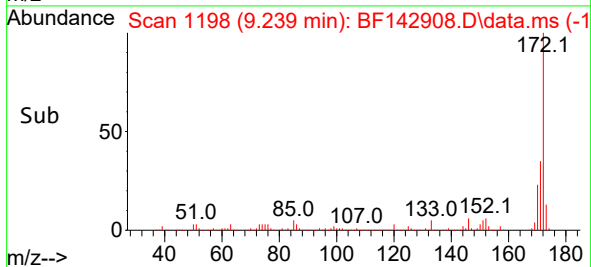
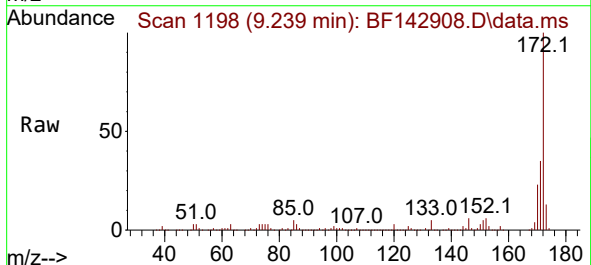
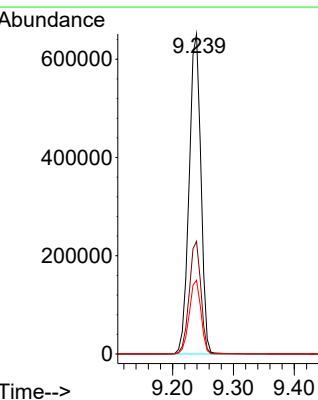
Tgt Ion:172 Resp: 874735

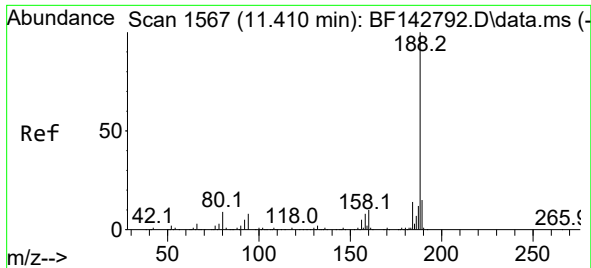
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.1 18.5 27.7

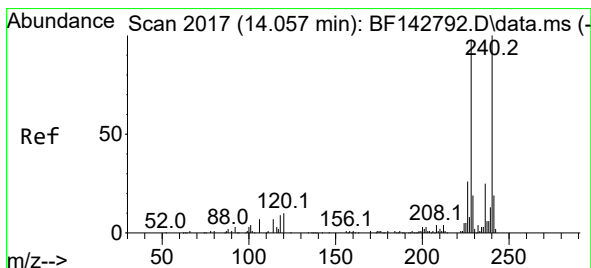
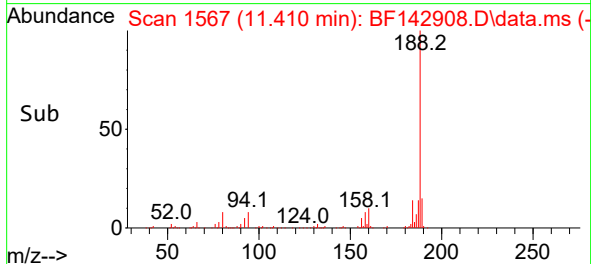
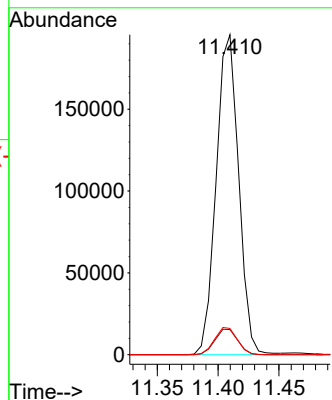
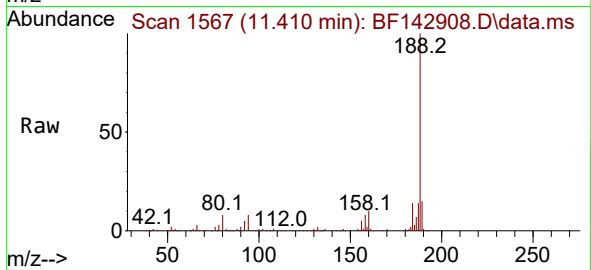




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142908.D
Acq: 30 Jun 2025 10:13

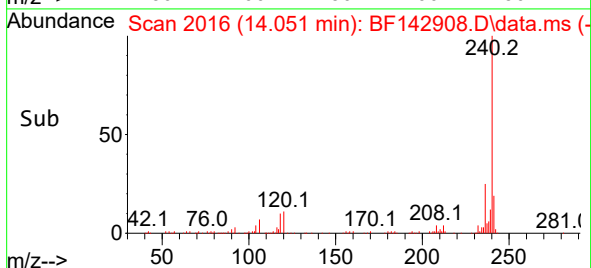
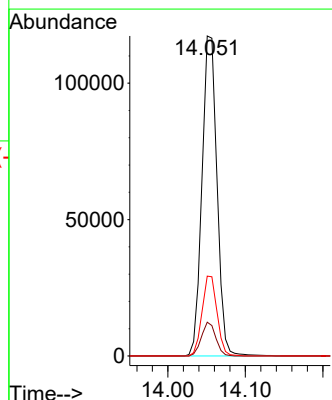
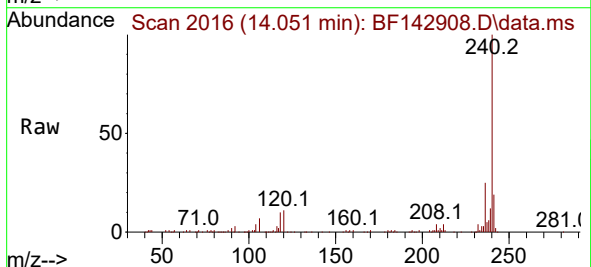
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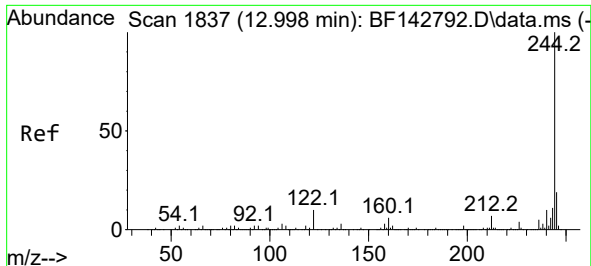
Tgt Ion:188 Resp: 251183
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.2 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142908.D
Acq: 30 Jun 2025 10:13

Tgt Ion:240 Resp: 158180
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.2
236 25.0 19.8 29.8

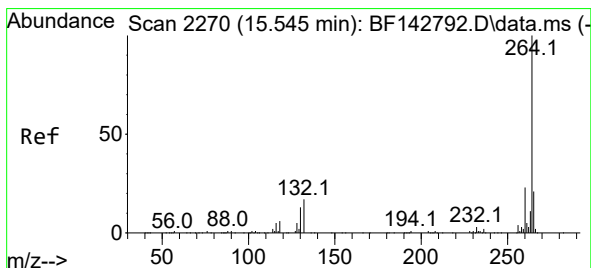
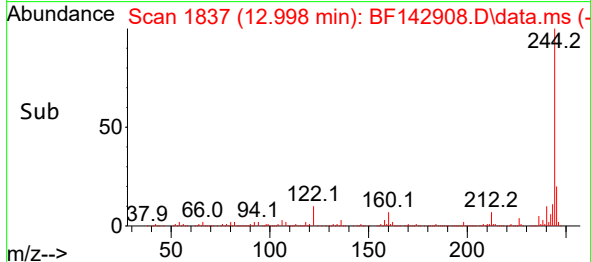
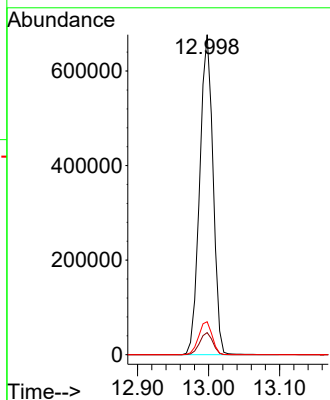
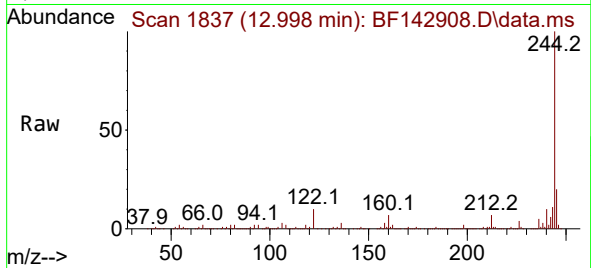




#79
 Terphenyl-d14
 Concen: 77.337 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: BF142908.D
 Acq: 30 Jun 2025 10:13

Instrument :
 BNA_F
 ClientSampleId :
 PB168560BL

Tgt Ion:244 Resp: 885372
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.3 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: BF142908.D
 Acq: 30 Jun 2025 10:13

Tgt Ion:264 Resp: 148614
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.1 27.1
 265 21.0 16.6 25.0

