

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062325\
 Data File : BF142807.D
 Acq On : 23 Jun 2025 15:42
 Operator : RC/JU
 Sample : Q2389-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-J-I

Quant Time: Jun 24 06:41:56 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	6.881	152	66963	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	250307	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	128919	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	214933	20.000	ng	0.00
76) Chrysene-d12	14.051	240	119645	20.000	ng	0.00
86) Perylene-d12	15.539	264	138942	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	266421	66.241	ng	0.00
7) Phenol-d6	6.504	99	326156	68.735	ng	0.00
23) Nitrobenzene-d5	7.439	82	187643	41.119	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	94490	71.224	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	406081	41.379	ng	0.00
79) Terphenyl-d14	12.992	244	380428	43.933	ng	0.00

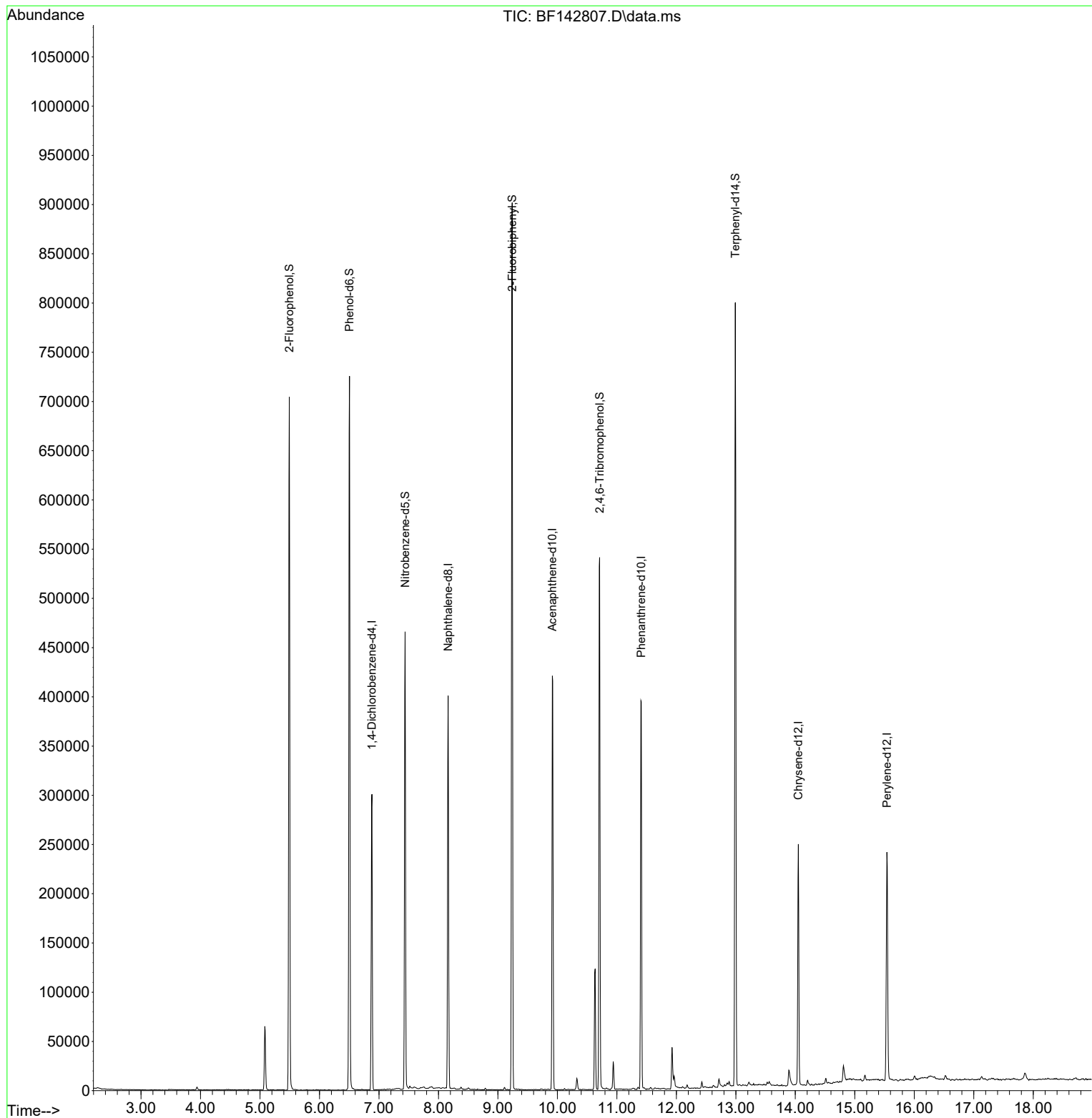
Target Compounds	Qvalue

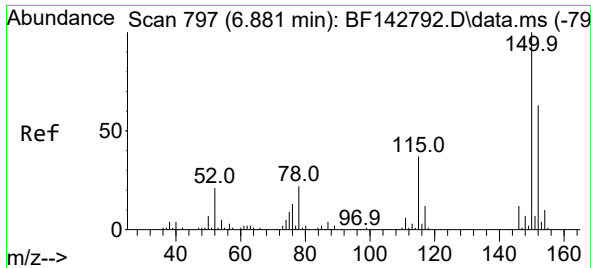
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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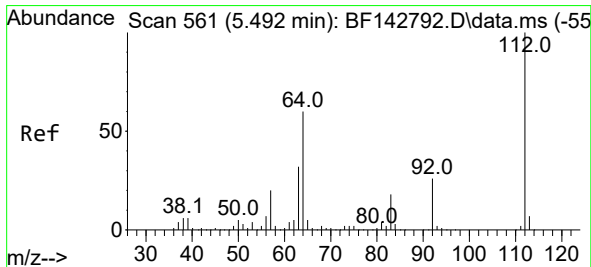
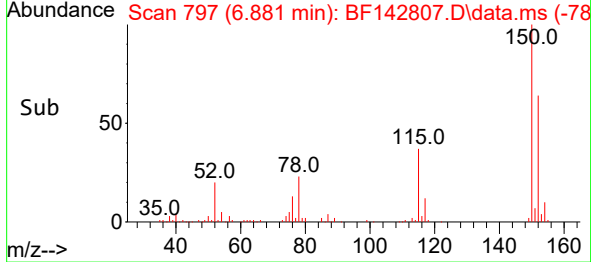
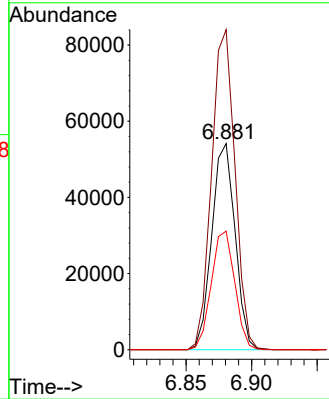
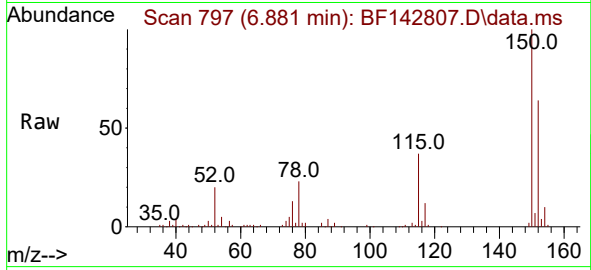




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: BF142807.D
 Acq: 23 Jun 2025 15:42

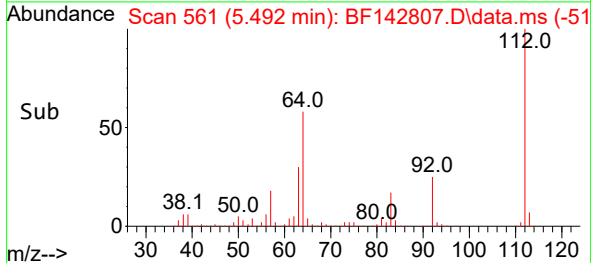
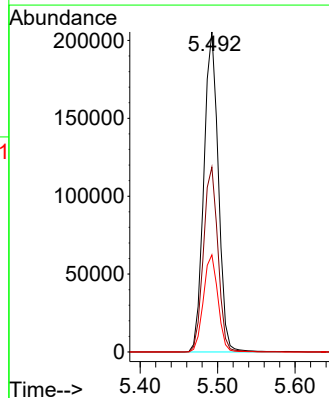
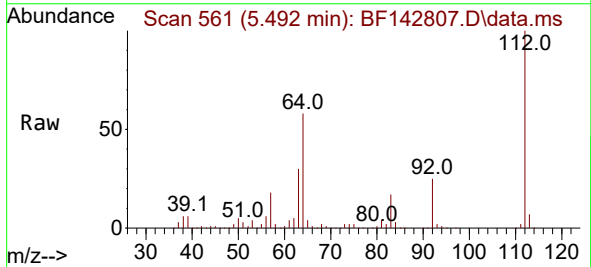
Instrument :
 BNA_F
 ClientSampleId :
 MH-J-I

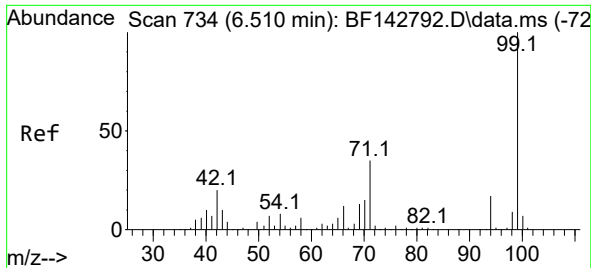
Tgt Ion:152 Resp: 66963
 Ion Ratio Lower Upper
 152 100
 150 155.3 127.2 190.8
 115 57.6 46.6 69.8



#5
 2-Fluorophenol
 Concen: 66.241 ng
 RT: 5.492 min Scan# 561
 Delta R.T. 0.000 min
 Lab File: BF142807.D
 Acq: 23 Jun 2025 15:42

Tgt Ion:112 Resp: 266421
 Ion Ratio Lower Upper
 112 100
 64 57.8 48.2 72.2
 63 30.3 25.7 38.5

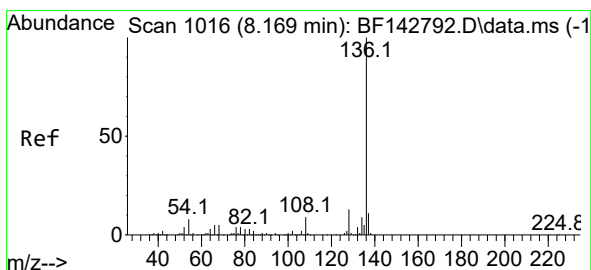
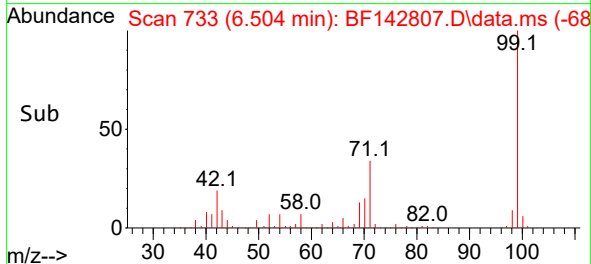
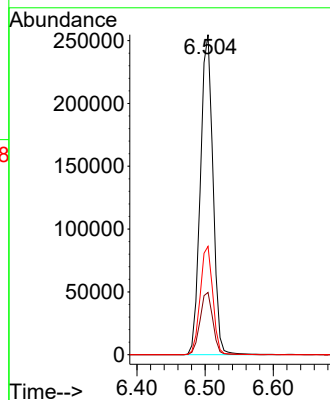
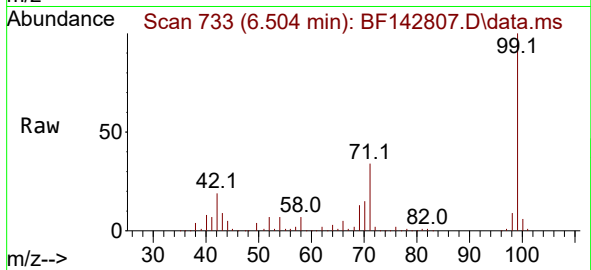




#7
Phenol-d6
Concen: 68.735 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142807.D
Acq: 23 Jun 2025 15:42

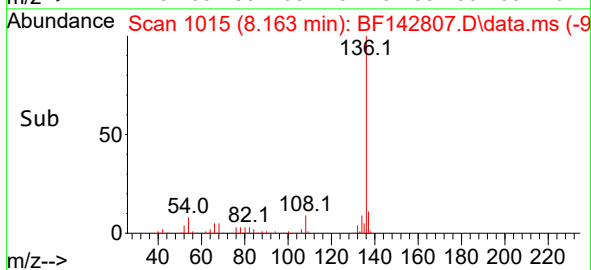
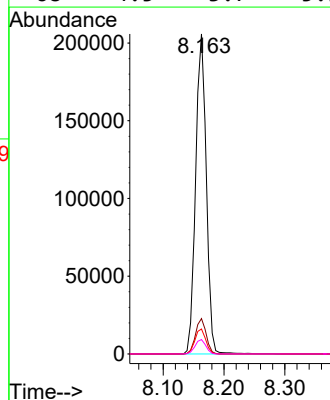
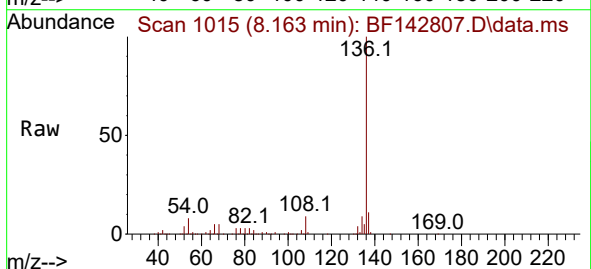
Instrument :
BNA_F
ClientSampleId :
MH-J-I

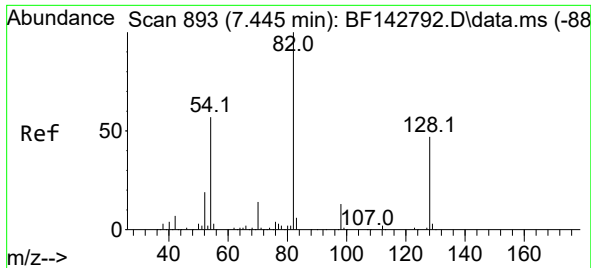
Tgt Ion: 99 Resp: 326156
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 33.9 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF142807.D
Acq: 23 Jun 2025 15:42

Tgt Ion: 136 Resp: 250307
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.8 6.3 9.5
68 4.5 3.7 5.5

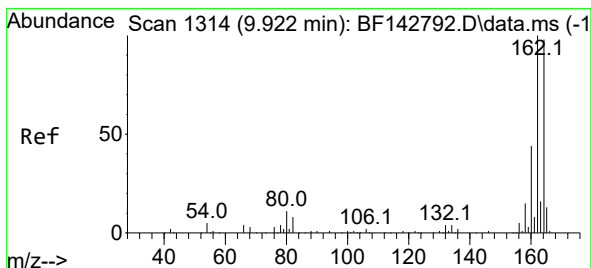
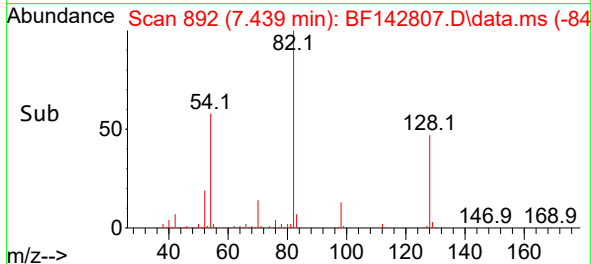
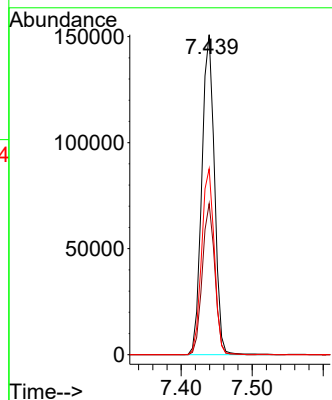
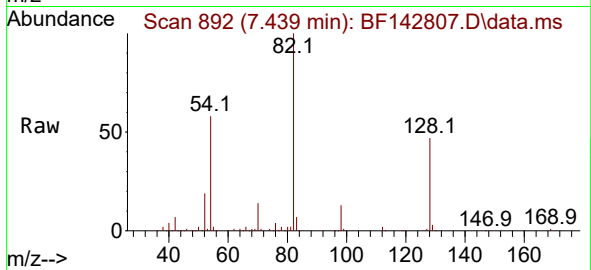




#23
 Nitrobenzene-d5
 Concen: 41.119 ng
 RT: 7.439 min Scan# 89
 Delta R.T. -0.006 min
 Lab File: BF142807.D
 Acq: 23 Jun 2025 15:42

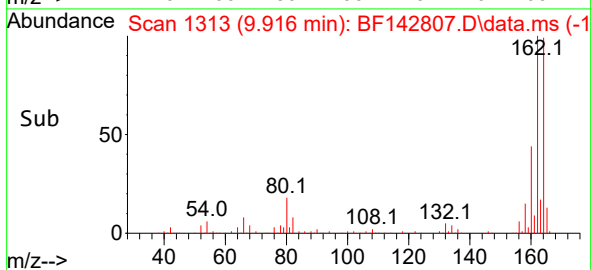
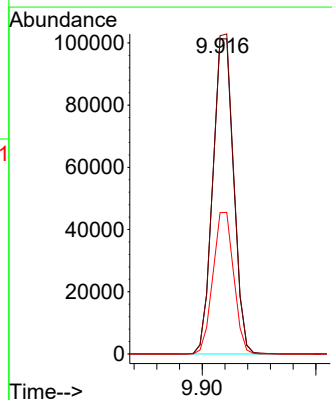
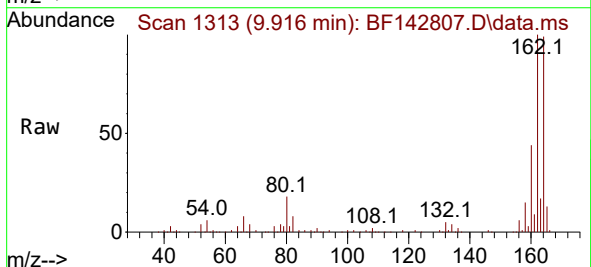
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 BNA_F
 ClientSampleId :
 MH-J-I

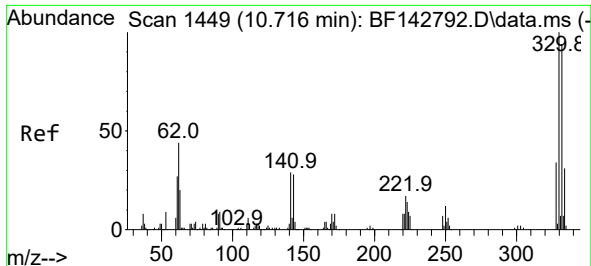
Tgt Ion: 82 Resp: 187643
 Ion Ratio Lower Upper
 82 100
 128 47.2 37.7 56.5
 54 58.1 45.7 68.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.916 min Scan# 1313
 Delta R.T. -0.006 min
 Lab File: BF142807.D
 Acq: 23 Jun 2025 15:42

Tgt Ion:164 Resp: 128919
 Ion Ratio Lower Upper
 164 100
 162 100.9 81.8 122.8
 160 44.8 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 71.224 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF142807.D

Acq: 23 Jun 2025 15:42

Instrument :

BNA_F

ClientSampleId :

MH-J-I

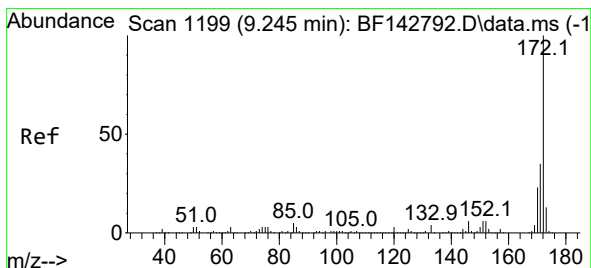
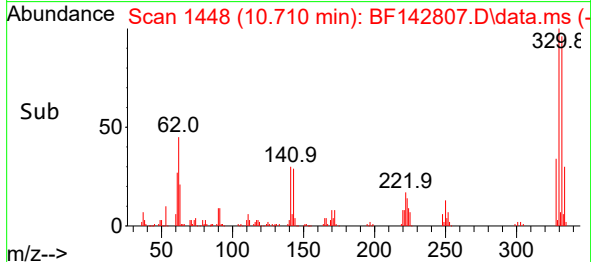
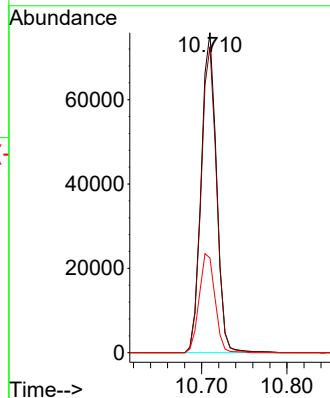
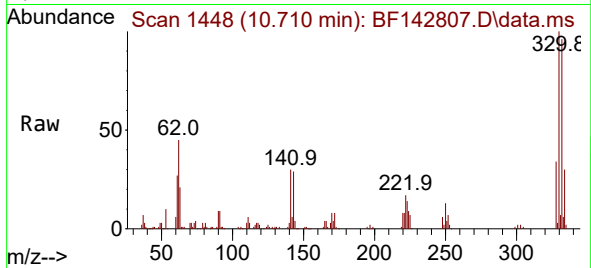
Tgt Ion:330 Resp: 94490

Ion Ratio Lower Upper

330 100

332 96.2 75.0 112.6

141 31.9 25.3 37.9



#45

2-Fluorobiphenyl

Concen: 41.379 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF142807.D

Acq: 23 Jun 2025 15:42

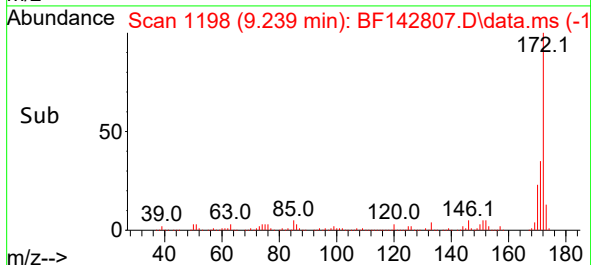
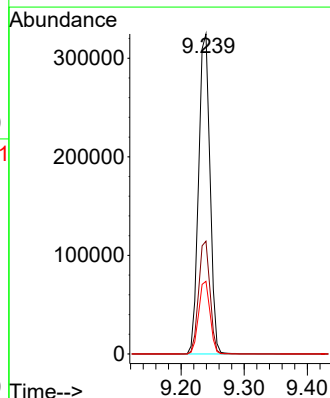
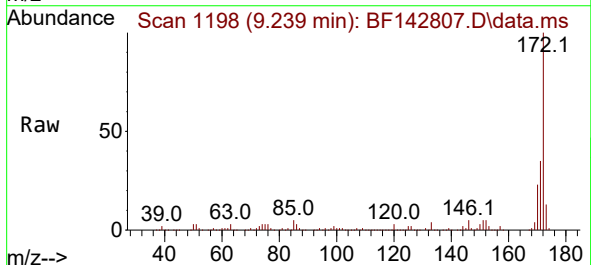
Tgt Ion:172 Resp: 406081

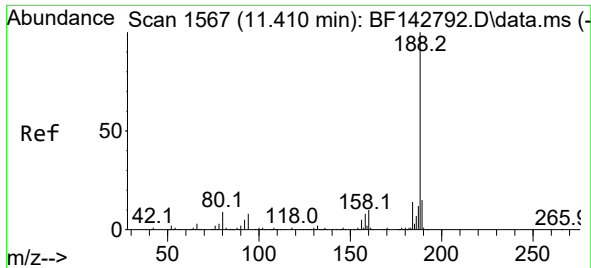
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 22.7 18.5 27.7

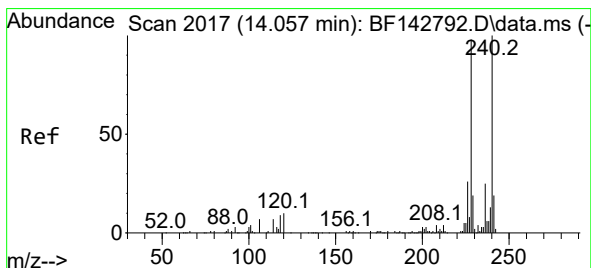
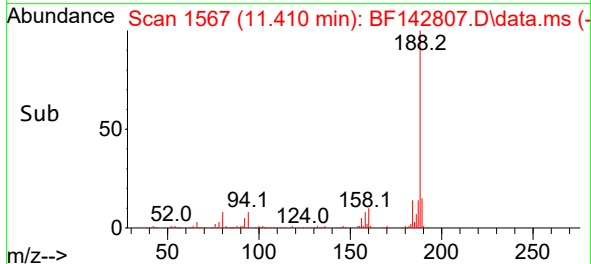
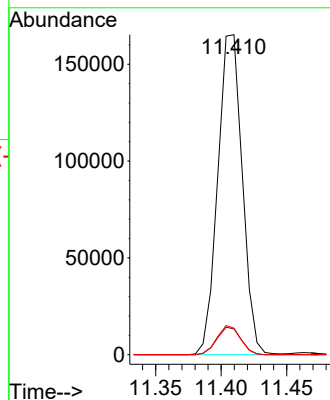
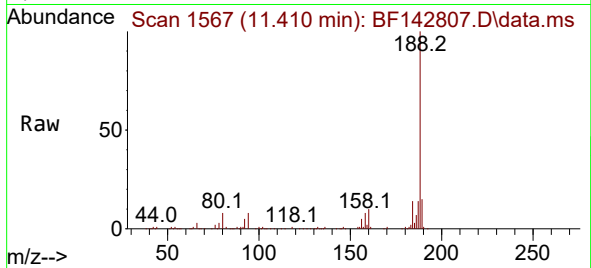




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142807.D
Acq: 23 Jun 2025 15:42

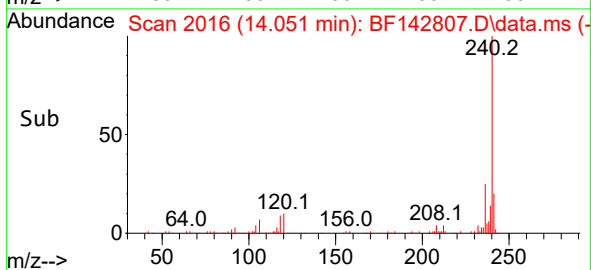
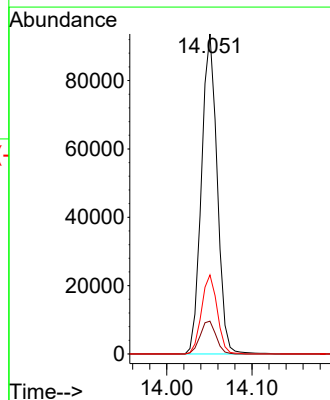
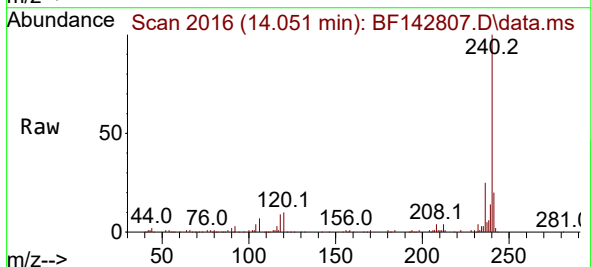
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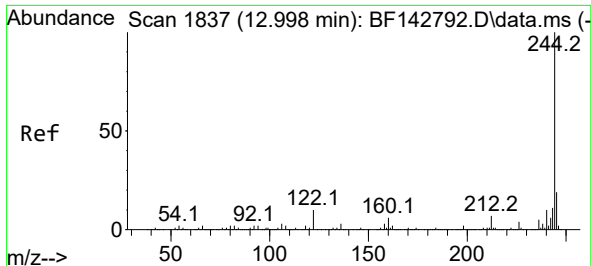
Tgt Ion:188 Resp: 214933
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 8.3 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142807.D
Acq: 23 Jun 2025 15:42

Tgt Ion:240 Resp: 119645
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.2
236 24.7 19.8 29.8

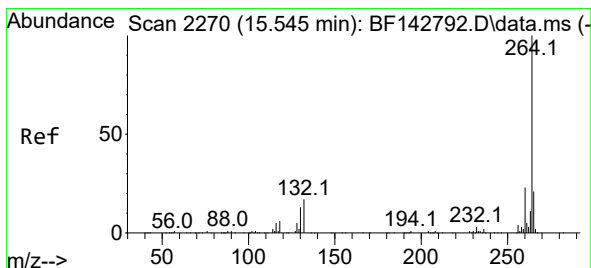
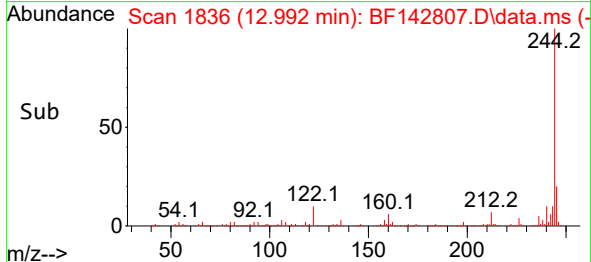
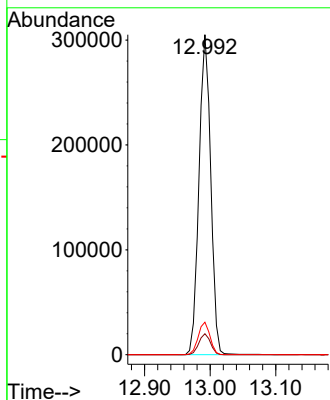
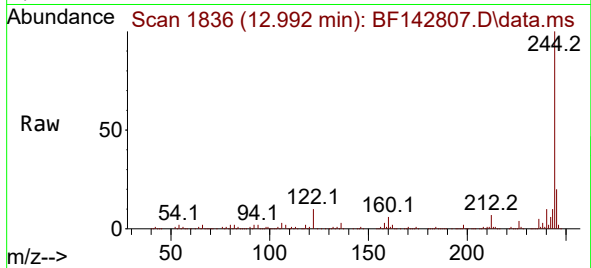




#79
 Terphenyl-d14
 Concen: 43.933 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142807.D
 Acq: 23 Jun 2025 15:42

Instrument :
 BNA_F
 ClientSampleId :
 MH-J-I

Tgt Ion:244 Resp: 380428
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.1 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF142807.D
 Acq: 23 Jun 2025 15:42

Tgt Ion:264 Resp: 138942
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.1 27.1
 265 21.0 16.6 25.0

