

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
 Data File : BF142797.D
 Acq On : 19 Jun 2025 22:10
 Operator : RC/JU
 Sample : PB168536BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168536BL

Quant Time: Jun 24 05:40:36 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	83007	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	318512	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	169009	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	295544	20.000	ng	0.00
76) Chrysene-d12	14.051	240	161452	20.000	ng	0.00
86) Perylene-d12	15.545	264	158059	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	680581	136.508	ng	0.01
7) Phenol-d6	6.510	99	819165	139.265	ng	0.00
23) Nitrobenzene-d5	7.440	82	508580	87.582	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	249145	143.251	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1083827	84.244	ng	0.00
79) Terphenyl-d14	12.998	244	1024663	87.690	ng	0.00

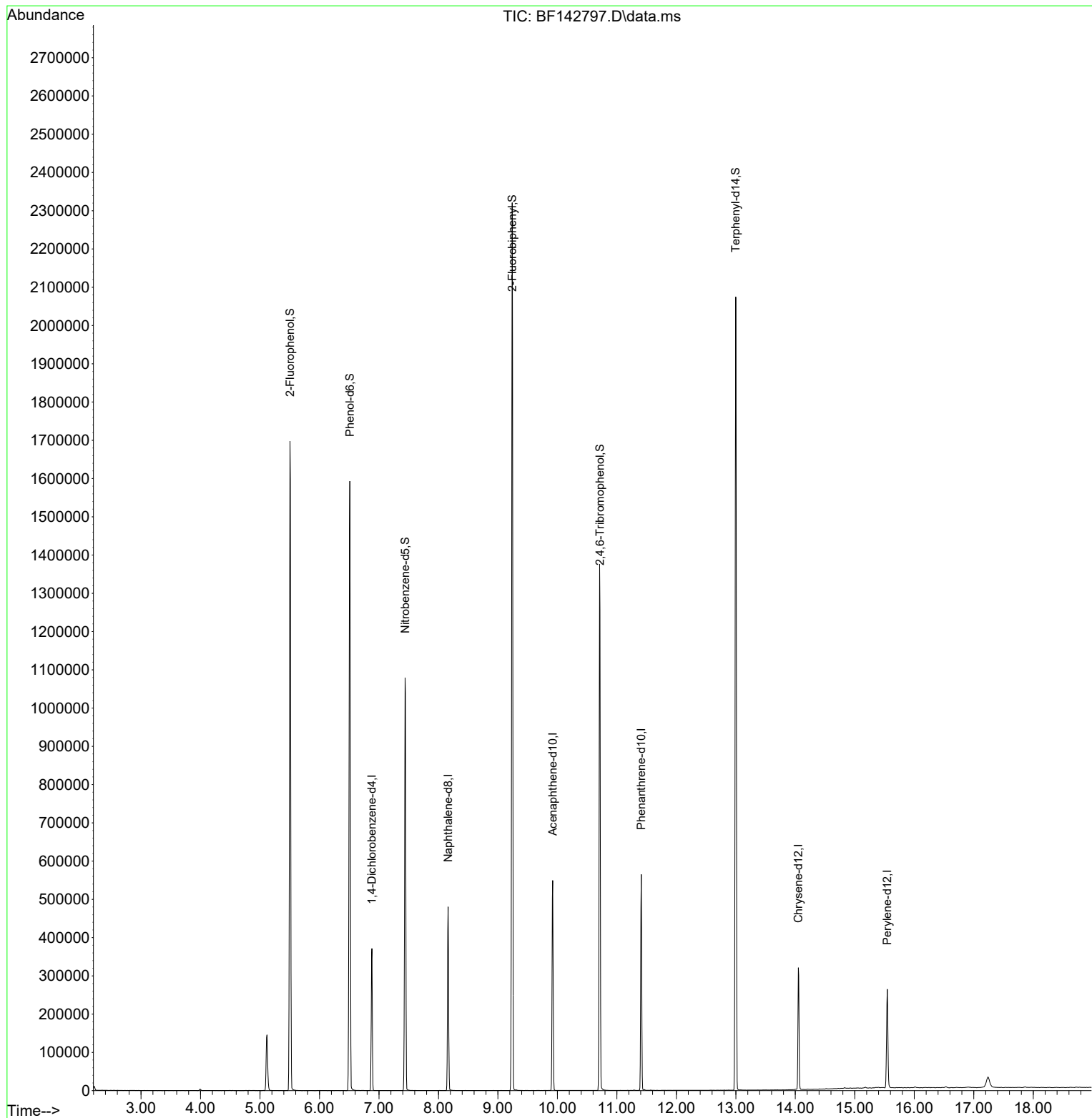
Target Compounds	Qvalue

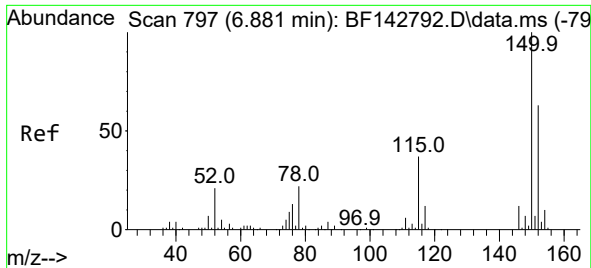
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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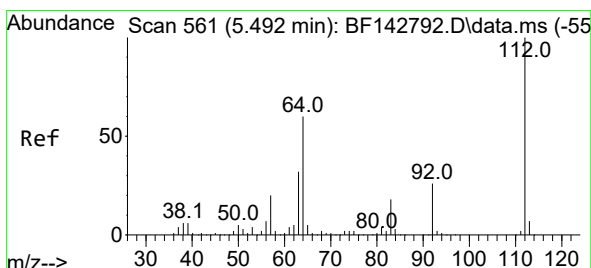
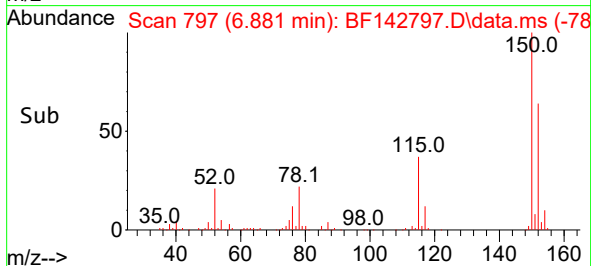
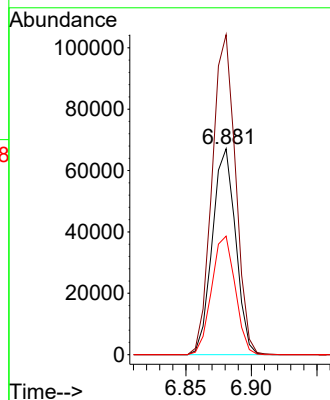
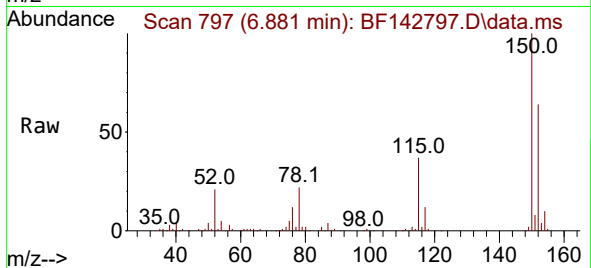




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: BF142797.D
 Acq: 19 Jun 2025 22:10

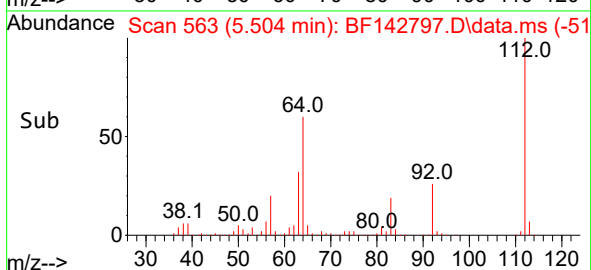
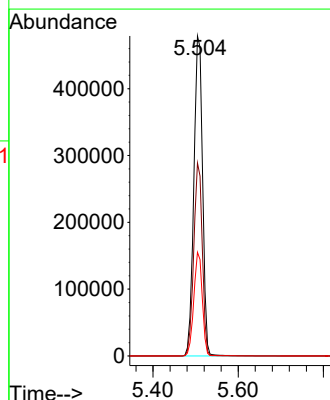
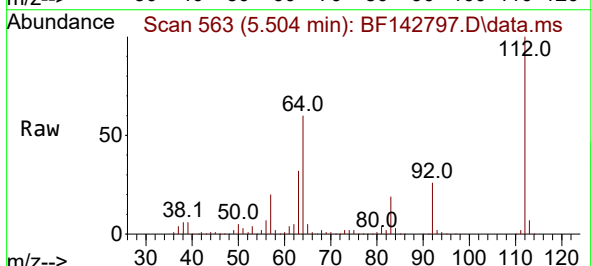
Instrument :
 BNA_F
 ClientSampleId :
 PB168536BL

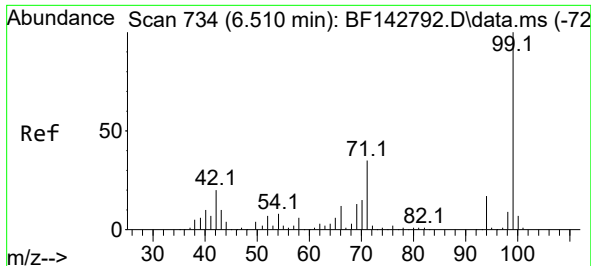
Tgt Ion:152 Resp: 83007
 Ion Ratio Lower Upper
 152 100
 150 155.5 127.2 190.8
 115 57.6 46.6 69.8



#5
 2-Fluorophenol
 Concen: 136.508 ng
 RT: 5.504 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF142797.D
 Acq: 19 Jun 2025 22:10

Tgt Ion:112 Resp: 680581
 Ion Ratio Lower Upper
 112 100
 64 60.3 48.2 72.2
 63 32.4 25.7 38.5

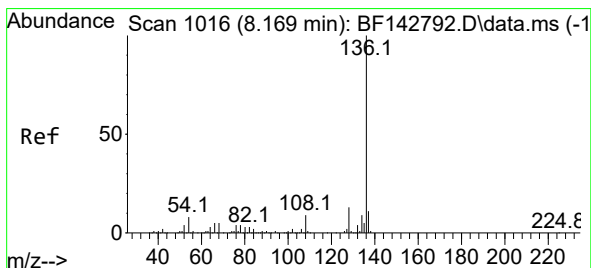
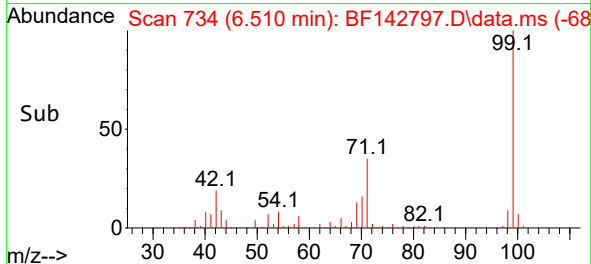
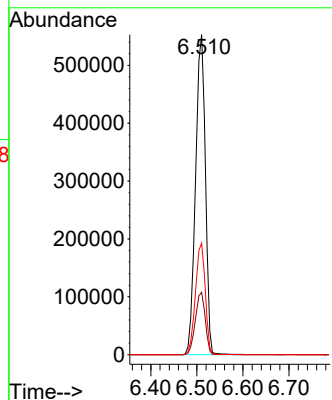
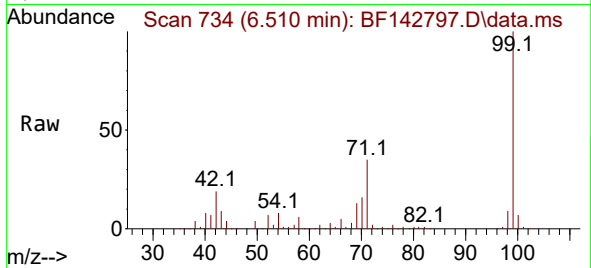




#7
Phenol-d6
Concen: 139.265 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142797.D
Acq: 19 Jun 2025 22:10

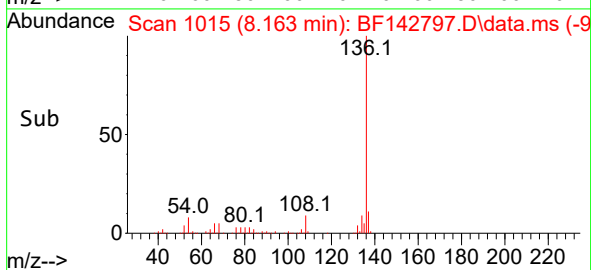
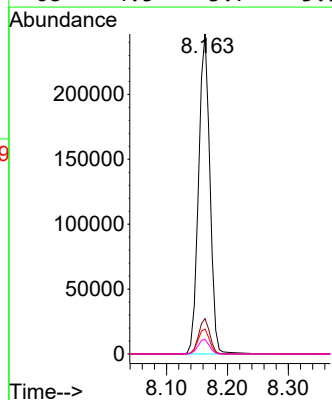
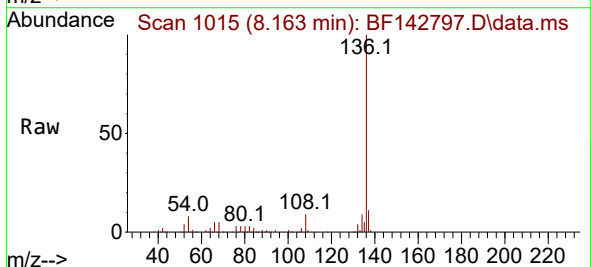
Instrument :
BNA_F
ClientSampleId :
PB168536BL

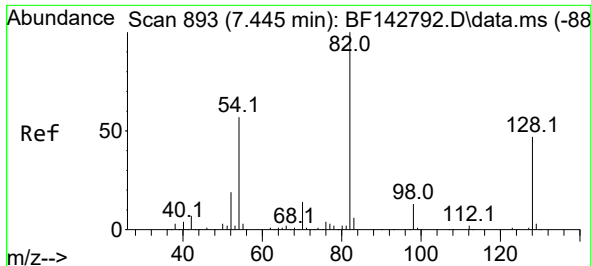
Tgt Ion: 99 Resp: 819165
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 34.9 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF142797.D
Acq: 19 Jun 2025 22:10

Tgt Ion: 136 Resp: 318512
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: 87.582 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.005 min

Lab File: BF142797.D

Acq: 19 Jun 2025 22:10

Instrument :

BNA_F

ClientSampleId :

PB168536BL

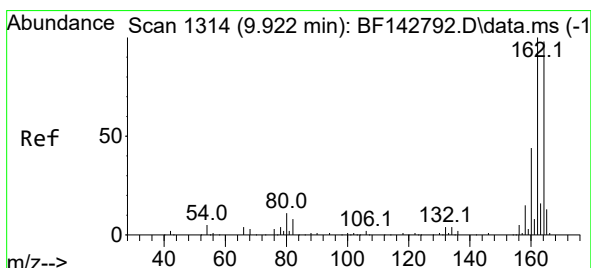
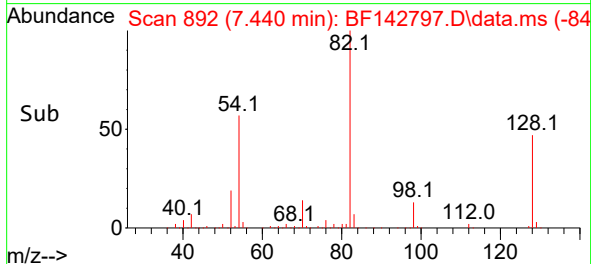
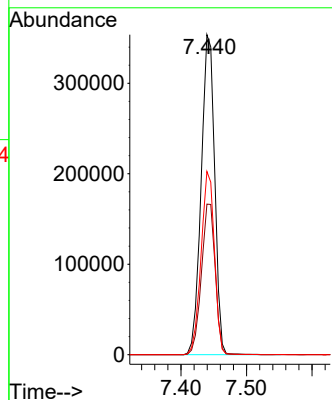
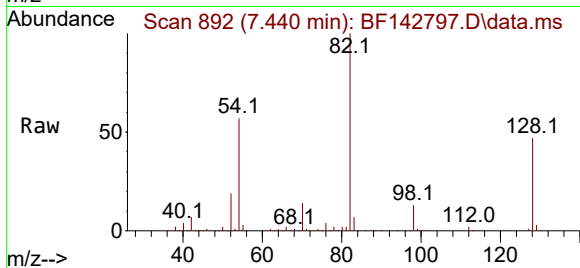
Tgt Ion: 82 Resp: 508580

Ion Ratio Lower Upper

82 100

128 47.1 37.7 56.5

54 57.2 45.7 68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. 0.000 min

Lab File: BF142797.D

Acq: 19 Jun 2025 22:10

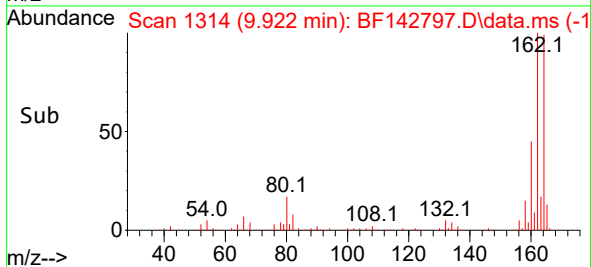
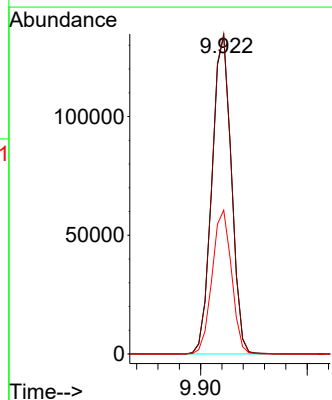
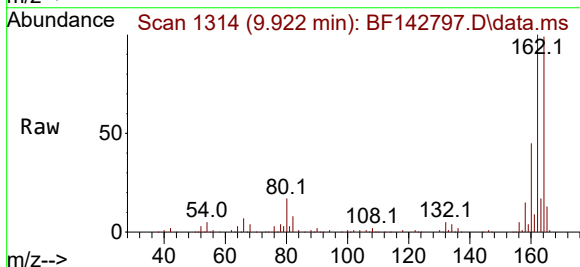
Tgt Ion:164 Resp: 169009

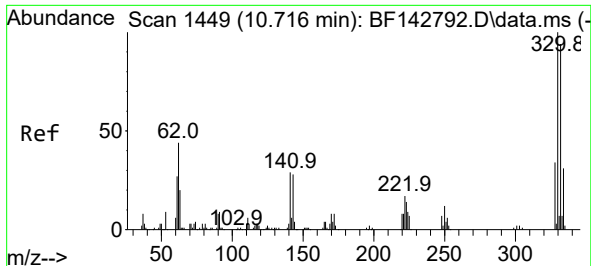
Ion Ratio Lower Upper

164 100

162 100.7 81.8 122.8

160 45.3 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 143.251 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.000 min

Lab File: BF142797.D

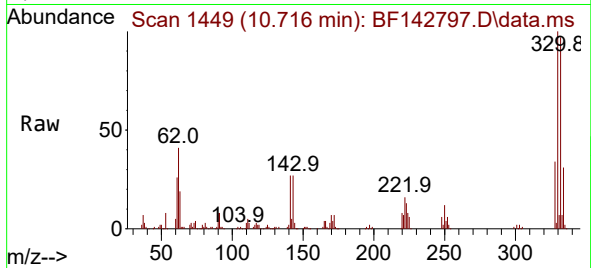
Acq: 19 Jun 2025 22:10

Instrument :

BNA_F

ClientSampleId :

PB168536BL



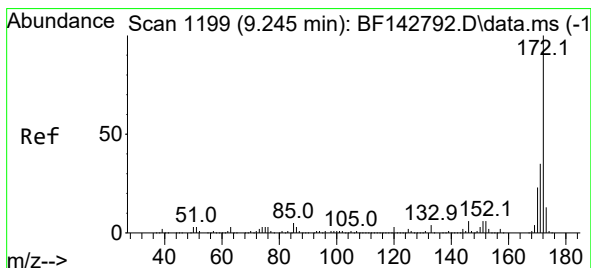
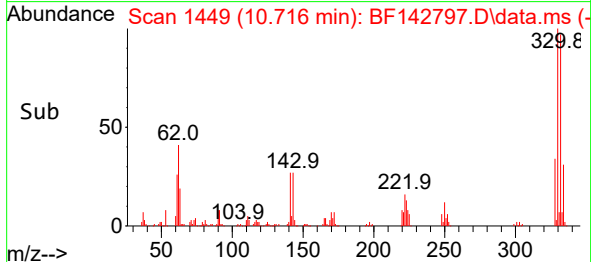
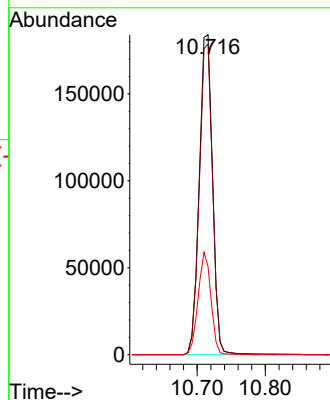
Tgt Ion:330 Resp: 249145

Ion Ratio Lower Upper

330 100

332 97.2 75.0 112.6

141 30.7 25.3 37.9



#45

2-Fluorobiphenyl

Concen: 84.244 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF142797.D

Acq: 19 Jun 2025 22:10

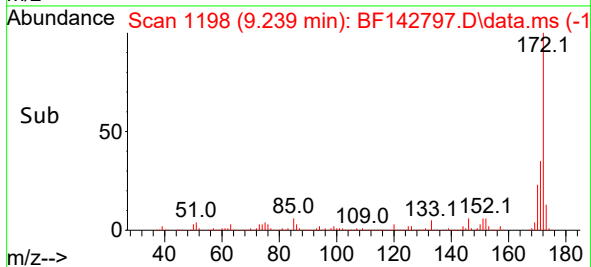
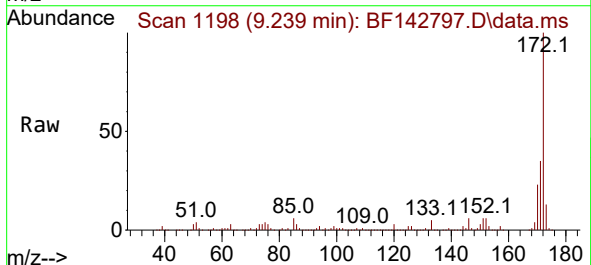
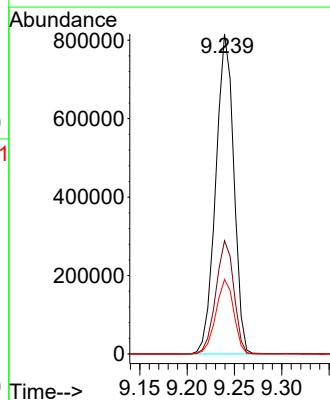
Tgt Ion:172 Resp: 1083827

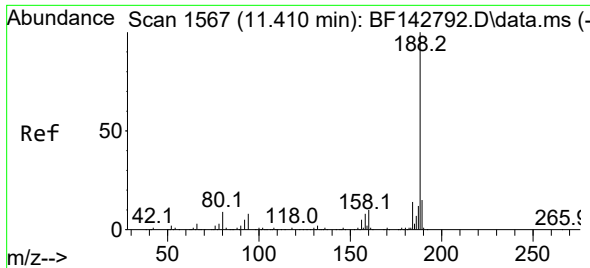
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.3 18.5 27.7

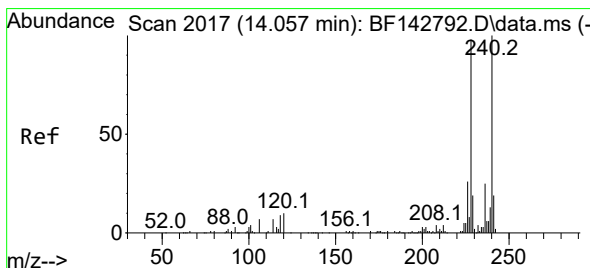
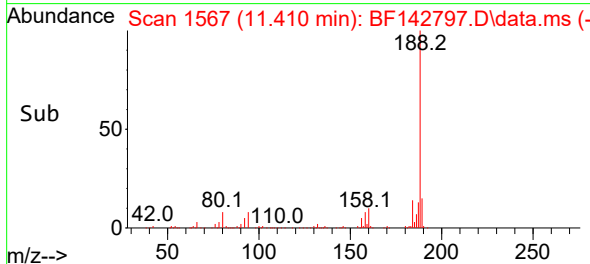
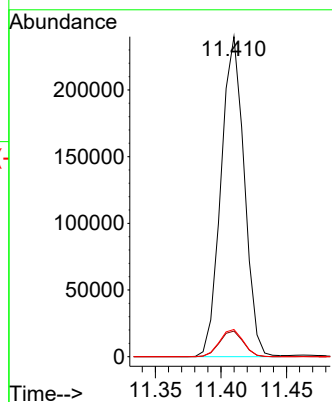
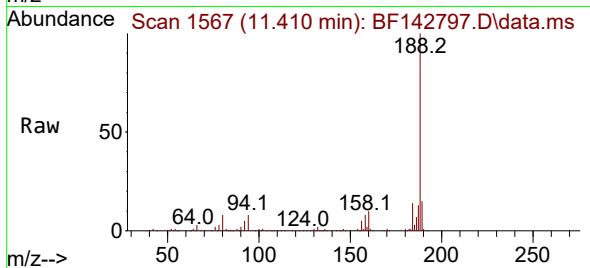




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142797.D
Acq: 19 Jun 2025 22:10

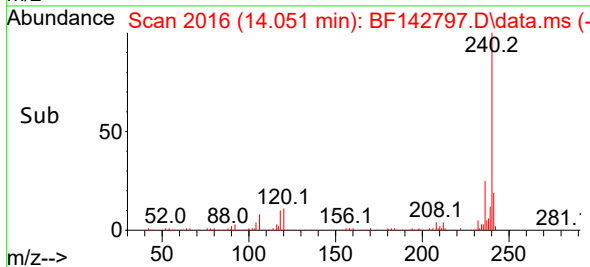
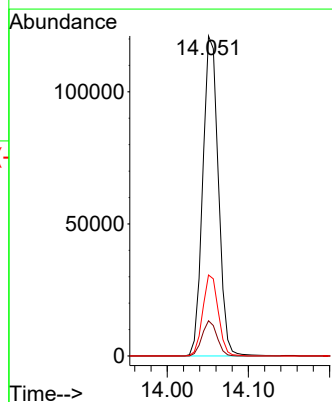
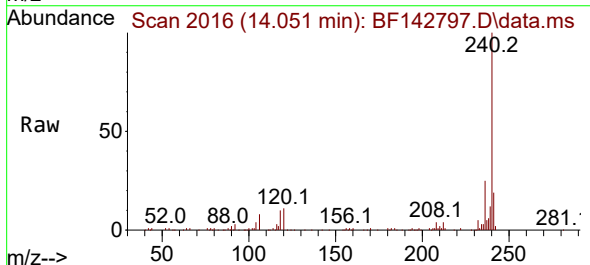
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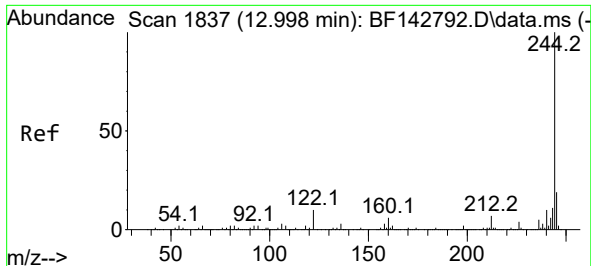
Tgt Ion:188 Resp: 295544
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.5 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142797.D
Acq: 19 Jun 2025 22:10

Tgt Ion:240 Resp: 161452
Ion Ratio Lower Upper
240 100
120 11.0 8.2 12.2
236 25.3 19.8 29.8

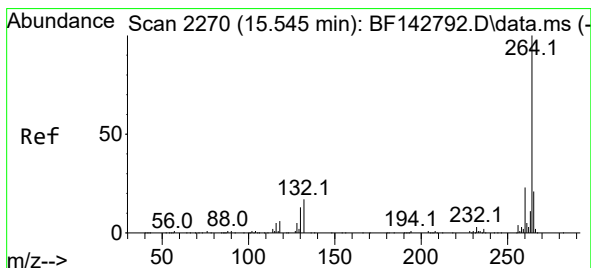
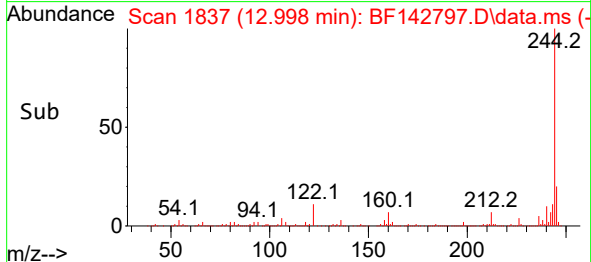
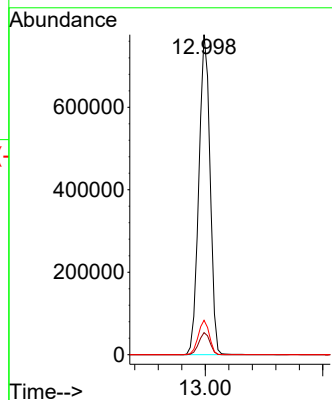
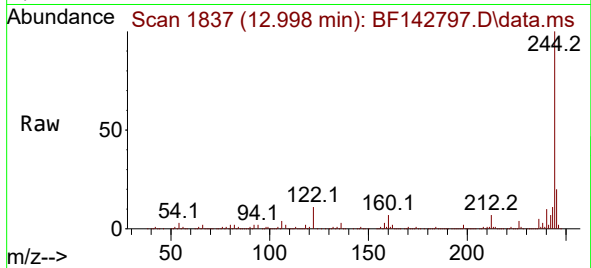




#79
 Terphenyl-d14
 Concen: 87.690 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: BF142797.D
 Acq: 19 Jun 2025 22:10

Instrument :
 BNA_F
 ClientSampleId :
 PB168536BL

Tgt Ion:244 Resp: 1024663
 Ion Ratio Lower Upper
 244 100
 212 6.9 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: BF142797.D
 Acq: 19 Jun 2025 22:10

Tgt Ion:264 Resp: 158059
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.1 27.1
 265 21.3 16.6 25.0

