

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
 Data File : BF142911.D
 Acq On : 30 Jun 2025 11:46
 Operator : RC/JU
 Sample : Q2430-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-E/F

Quant Time: Jun 30 12:25:58 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	102654	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	396243	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	218092	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	408018	20.000	ng	0.00
76) Chrysene-d12	14.051	240	287241	20.000	ng	0.00
86) Perylene-d12	15.545	264	261313	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	770214	124.919	ng	0.04
7) Phenol-d6	6.516	99	866857	119.167	ng	0.00
23) Nitrobenzene-d5	7.446	82	620196	85.852	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	349377	155.672	ng	0.00
45) 2-Fluorobiphenyl	9.240	172	1330373	80.135	ng	0.00
79) Terphenyl-d14	12.998	244	1540684	74.111	ng	0.00

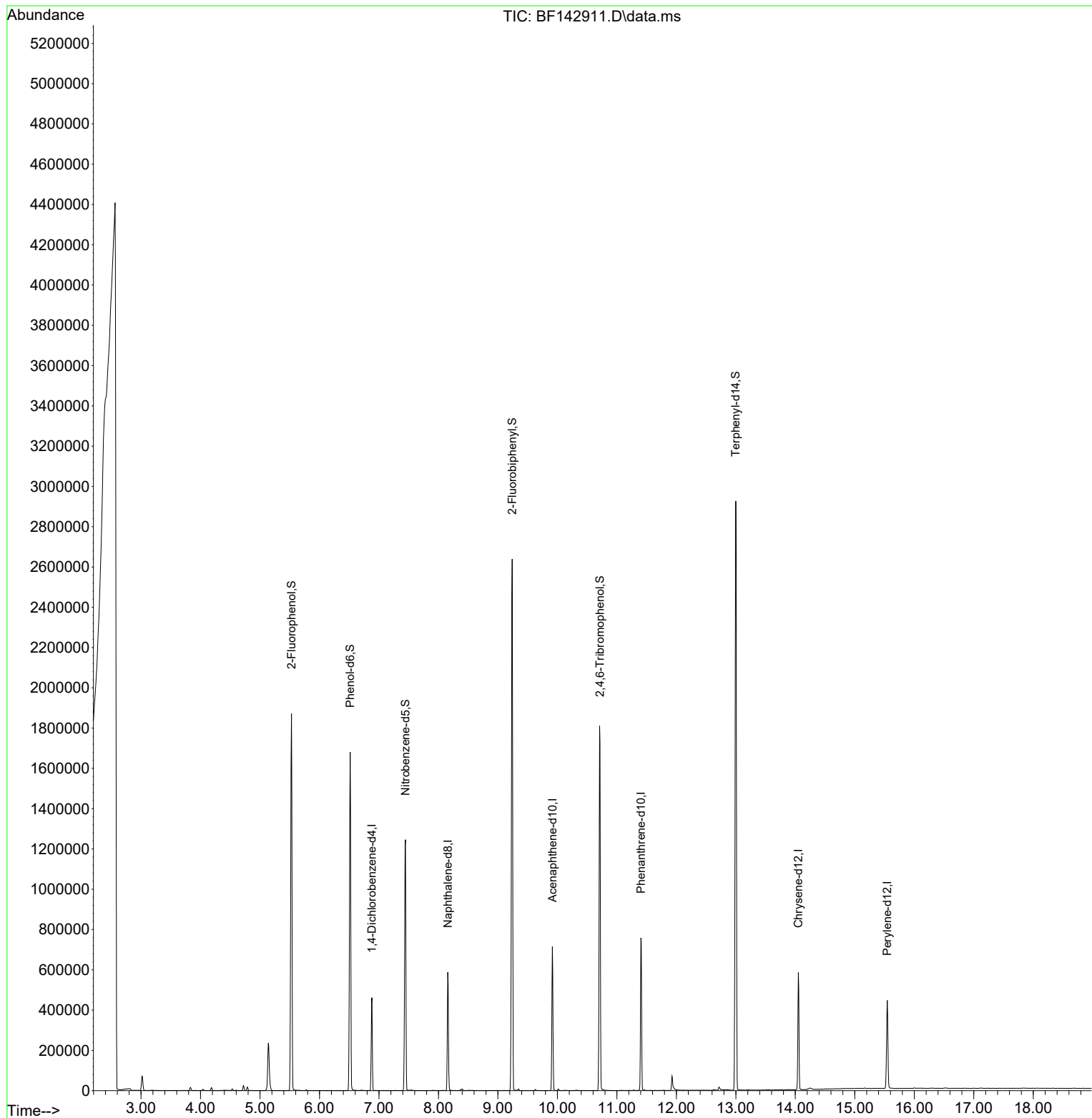
Target Compounds	Qvalue

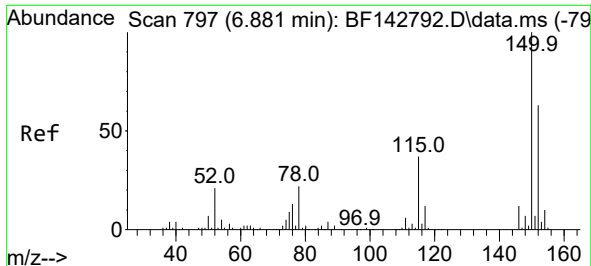
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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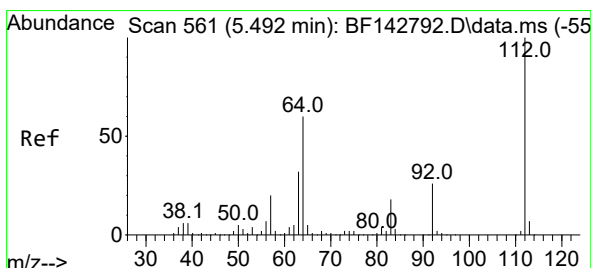
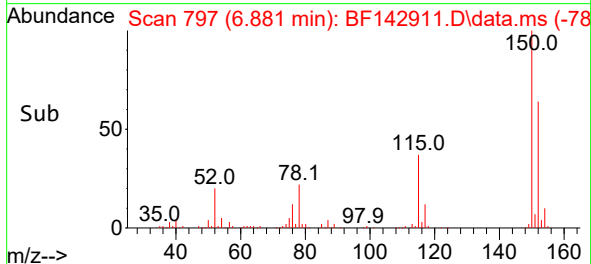
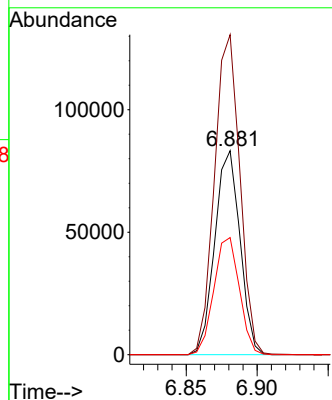
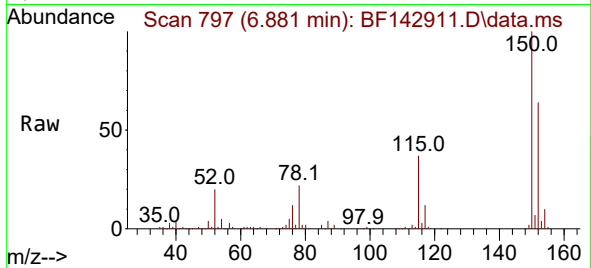




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF142911.D
Acq: 30 Jun 2025 11:46

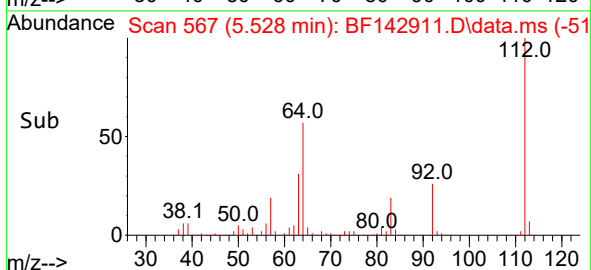
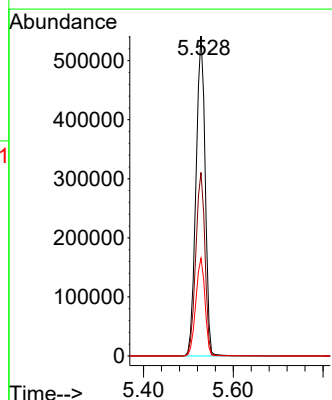
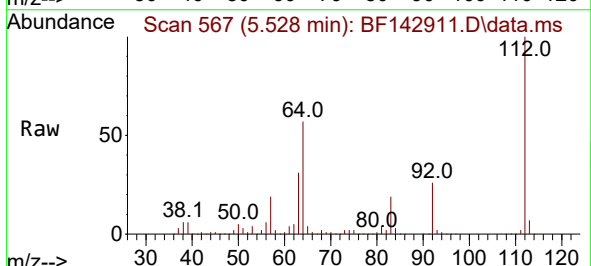
Instrument :
BNA_F
ClientSampleId :
MH-E/F

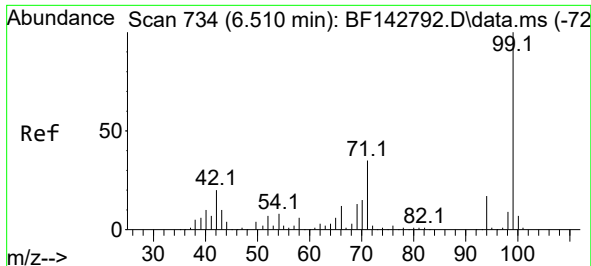
Tgt Ion:152 Resp: 102654
Ion Ratio Lower Upper
152 100
150 156.9 127.2 190.8
115 57.4 46.6 69.8



#5
2-Fluorophenol
Concen: 124.919 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.036 min
Lab File: BF142911.D
Acq: 30 Jun 2025 11:46

Tgt Ion:112 Resp: 770214
Ion Ratio Lower Upper
112 100
64 57.4 48.2 72.2
63 30.5 25.7 38.5

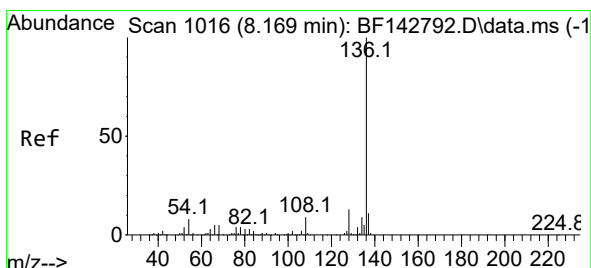
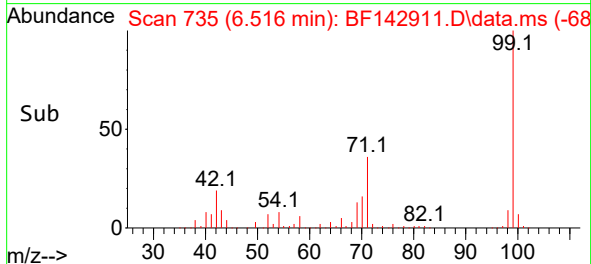
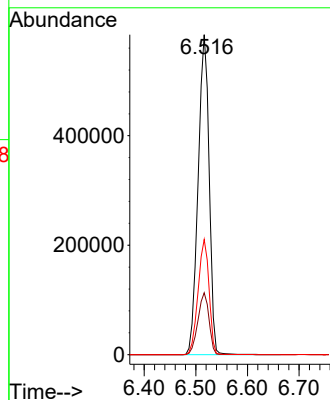
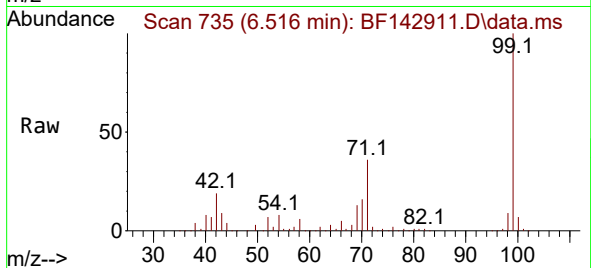




#7
Phenol-d6
Concen: 119.167 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF142911.D
Acq: 30 Jun 2025 11:46

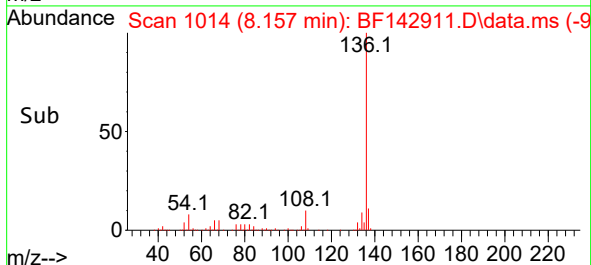
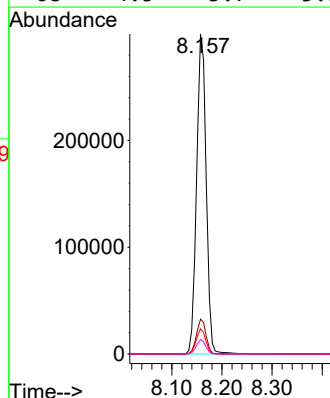
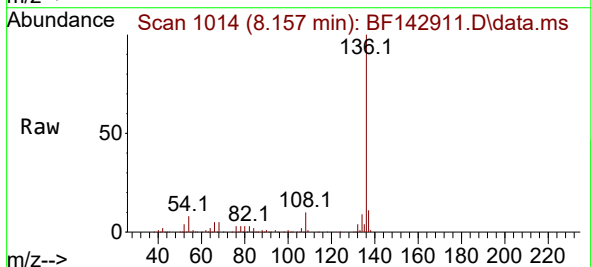
Instrument :
BNA_F
ClientSampleId :
MH-E/F

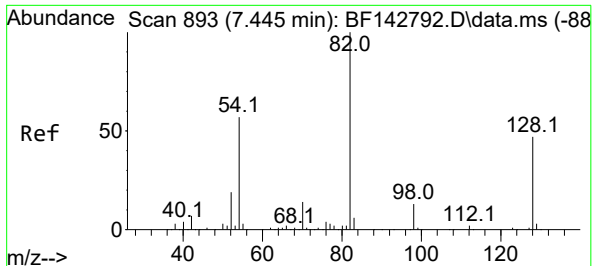
Tgt Ion: 99 Resp: 866857
Ion Ratio Lower Upper
99 100
42 19.3 15.9 23.9
71 36.0 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142911.D
Acq: 30 Jun 2025 11:46

Tgt Ion: 136 Resp: 396243
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.8 6.3 9.5
68 4.5 3.7 5.5





#23

Nitrobenzene-d5

Concen: 85.852 ng

RT: 7.446 min Scan# 893

Delta R.T. 0.001 min

Lab File: BF142911.D

Acq: 30 Jun 2025 11:46

Instrument :

BNA_F

ClientSampleId :

MH-E/F

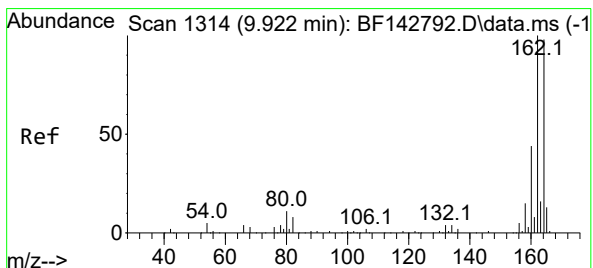
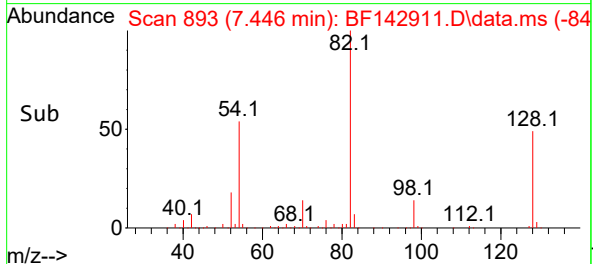
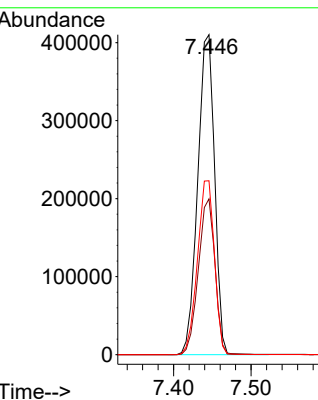
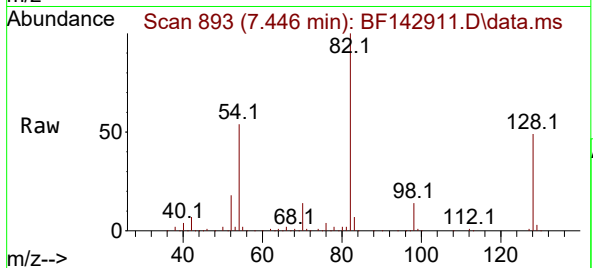
Tgt Ion: 82 Resp: 620196

Ion Ratio Lower Upper

82 100

128 48.7 37.7 56.5

54 54.4 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: BF142911.D

Acq: 30 Jun 2025 11:46

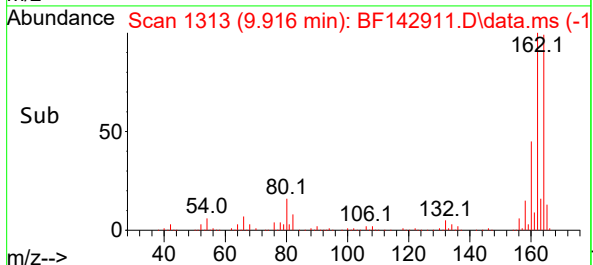
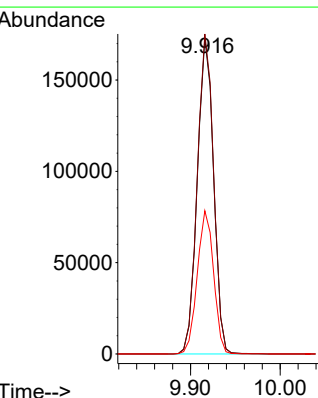
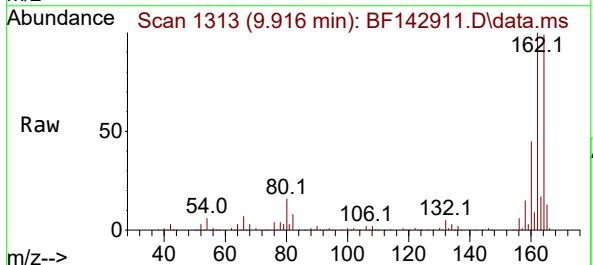
Tgt Ion:164 Resp: 218092

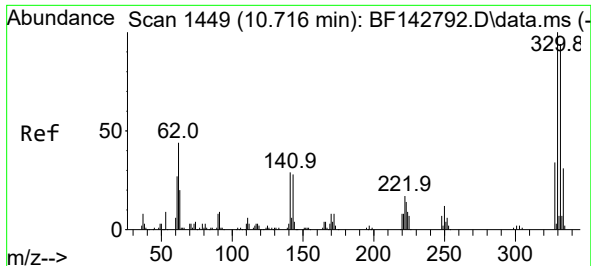
Ion Ratio Lower Upper

164 100

162 101.4 81.8 122.8

160 45.4 36.0 54.0

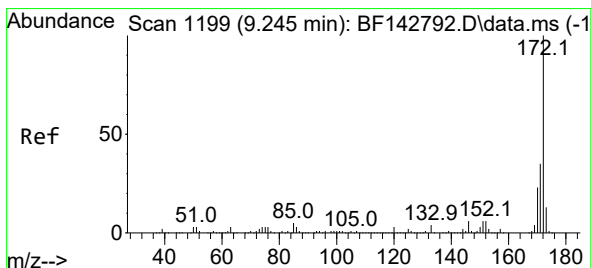
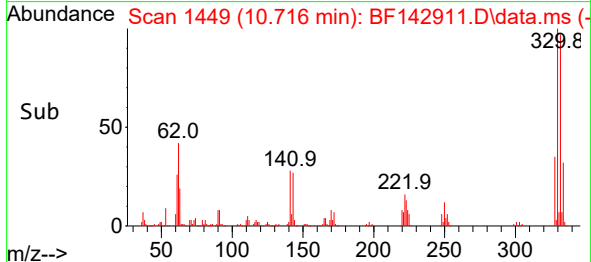
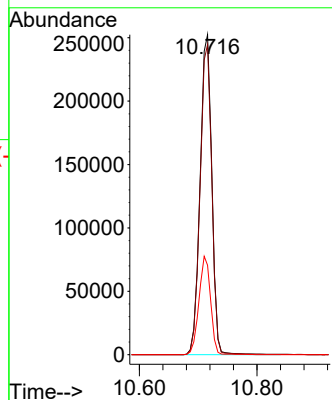
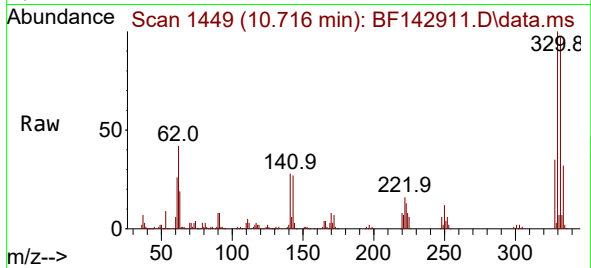




#42
2,4,6-Tribromophenol
Concen: 155.672 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF142911.D
Acq: 30 Jun 2025 11:46

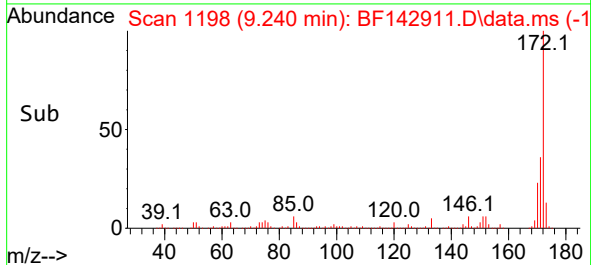
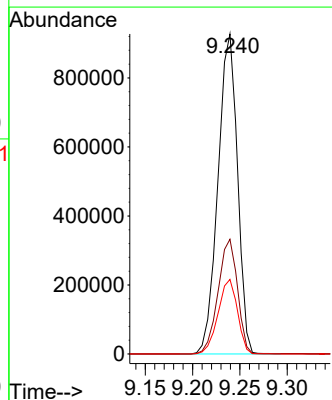
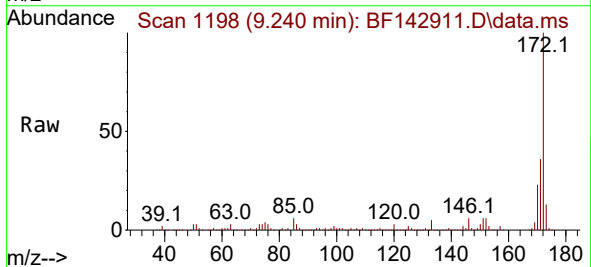
Instrument :
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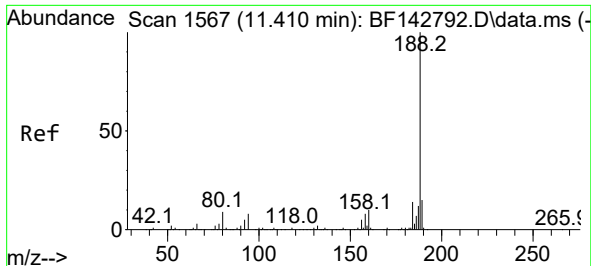
Tgt Ion: 330 Resp: 349377
Ion Ratio Lower Upper
330 100
332 96.9 75.0 112.6
141 30.5 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 80.135 ng
RT: 9.240 min Scan# 1198
Delta R.T. -0.005 min
Lab File: BF142911.D
Acq: 30 Jun 2025 11:46

Tgt Ion: 172 Resp: 1330373
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.4
170 23.3 18.5 27.7

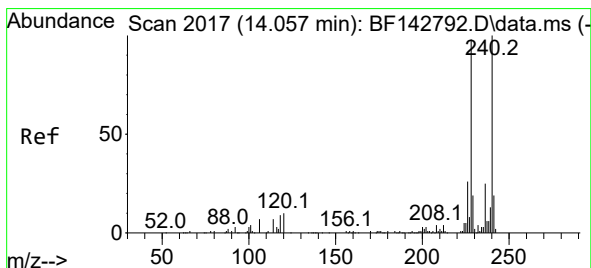
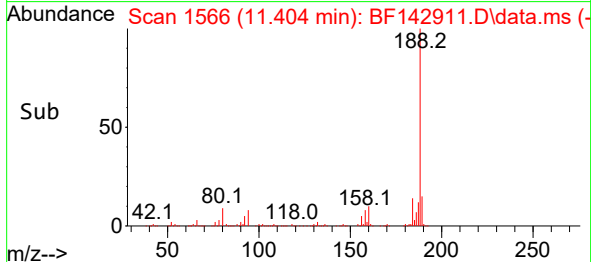
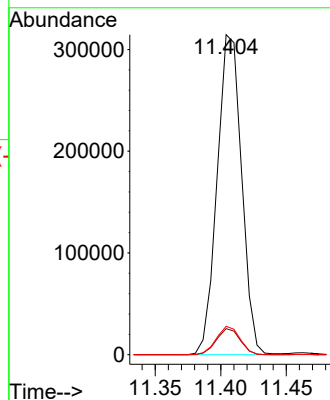
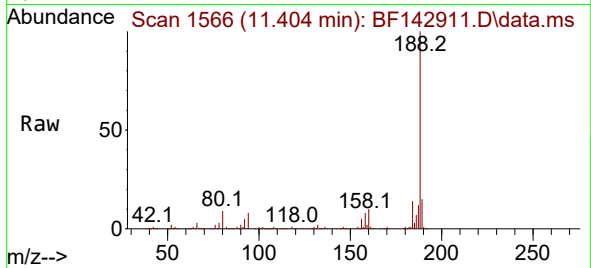




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142911.D
Acq: 30 Jun 2025 11:46

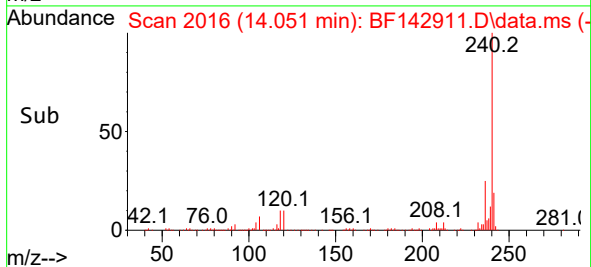
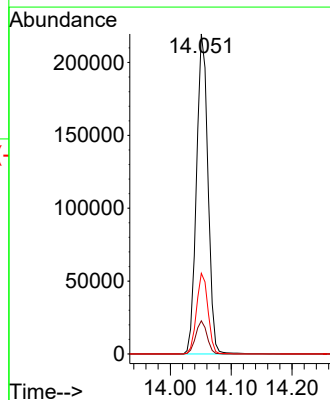
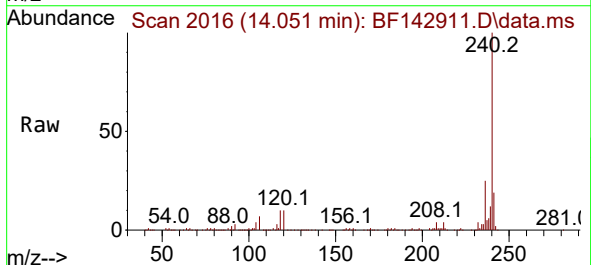
Instrument :
BNA_F
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MH-E/F

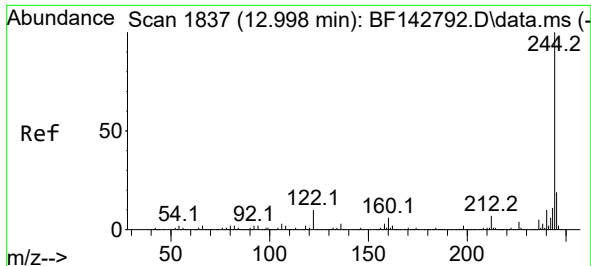
Tgt Ion:188 Resp: 408018
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.9 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142911.D
Acq: 30 Jun 2025 11:46

Tgt Ion:240 Resp: 287241
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.2
236 25.2 19.8 29.8

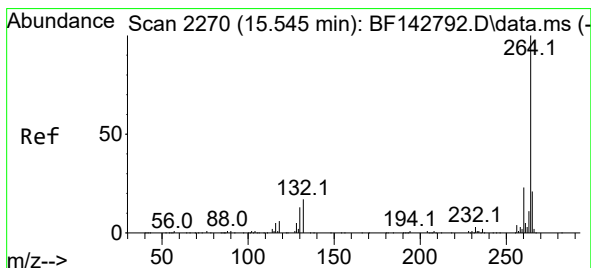
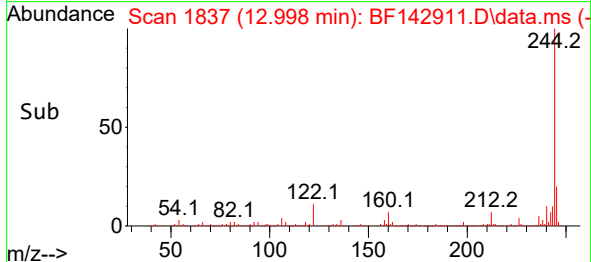
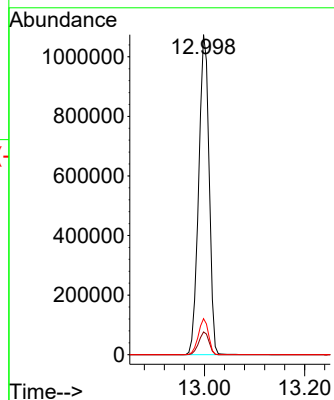
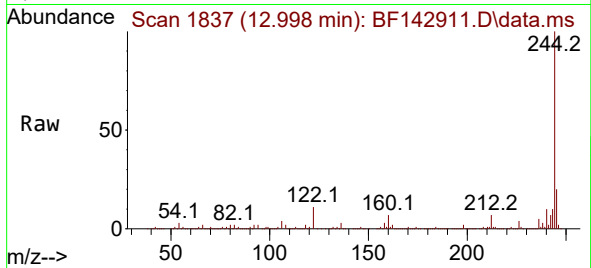




#79
 Terphenyl-d14
 Concen: 74.111 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF142911.D
 Acq: 30 Jun 2025 11:46

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1540684
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.3 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: BF142911.D
 Acq: 30 Jun 2025 11:46

Tgt Ion:264 Resp: 261313
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.1 27.1
 265 21.6 16.6 25.0

