

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142842.D
 Acq On : 25 Jun 2025 17:33
 Operator : RC/JU
 Sample : Q2394-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-K/L

Quant Time: Jun 25 17:55:06 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	87350	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	336404	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	167914	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	222740	20.000	ng	0.00
76) Chrysene-d12	14.051	240	174720	20.000	ng	0.00
86) Perylene-d12	15.545	264	194765	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	524735	100.017	ng	0.00
7) Phenol-d6	6.504	99	633780	102.391	ng	0.00
23) Nitrobenzene-d5	7.440	82	385700	62.889	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	151603	87.736	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	788809	61.712	ng	-0.01
79) Terphenyl-d14	12.992	244	484348	38.303	ng	0.00

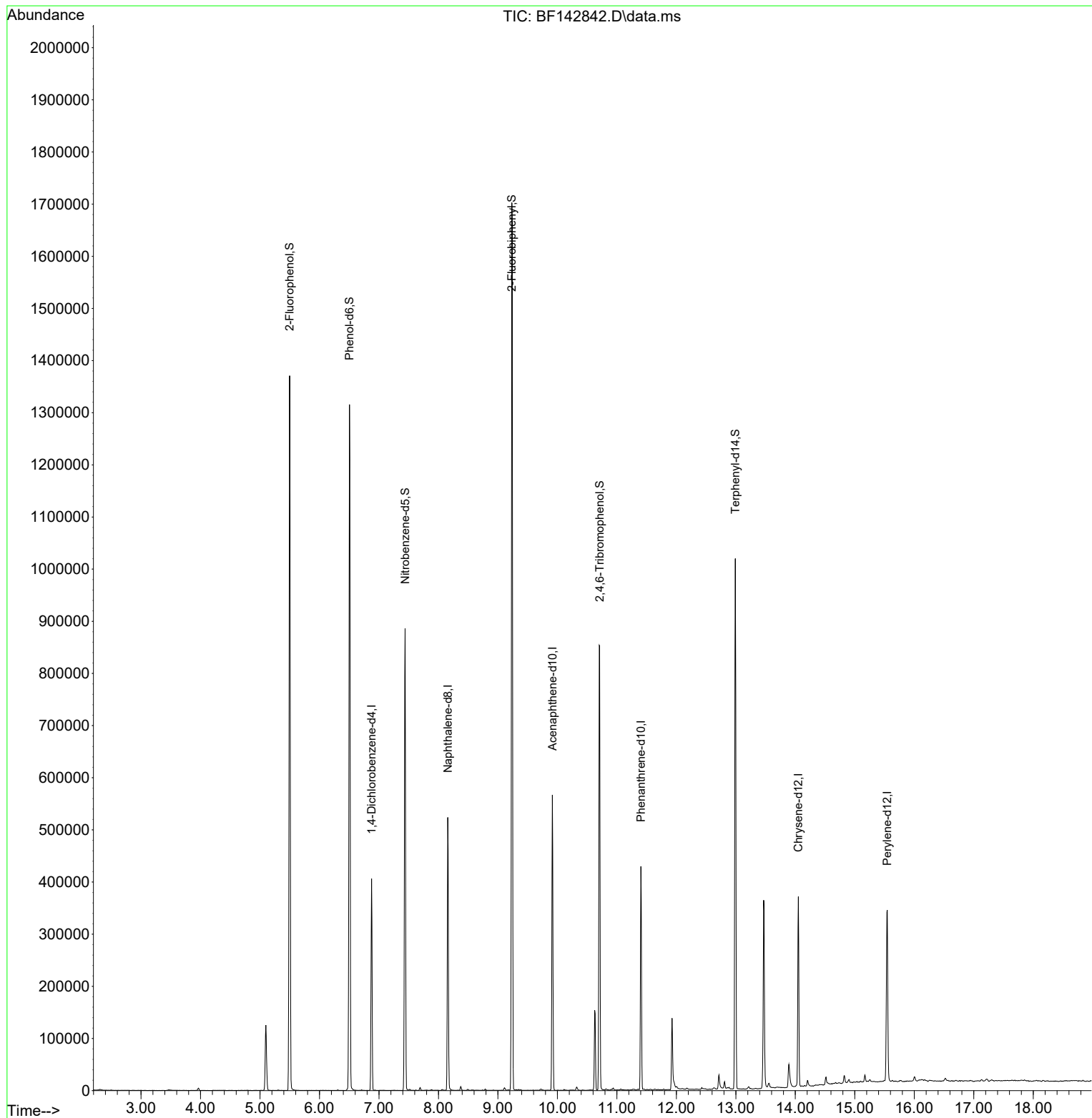
Target Compounds	Qvalue

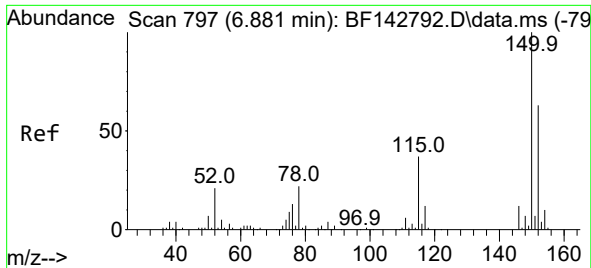
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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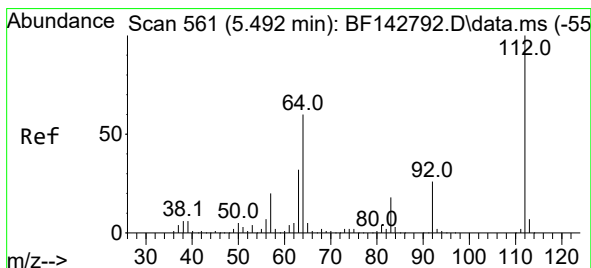
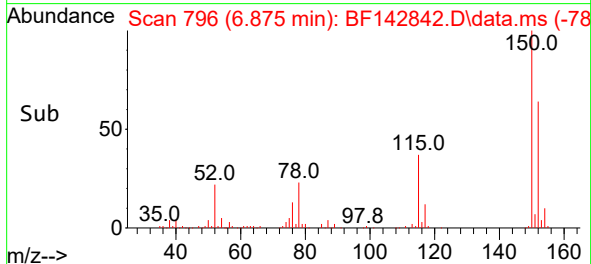
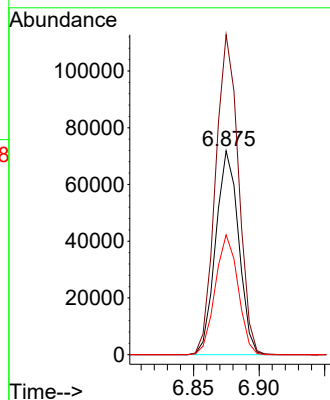
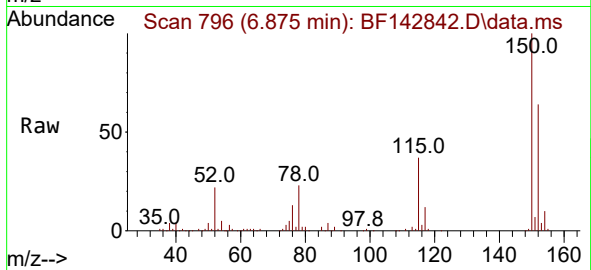




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF142842.D
 Acq: 25 Jun 2025 17:33

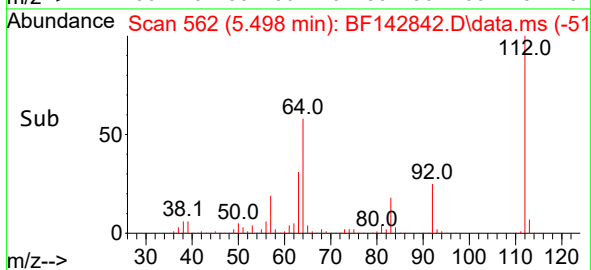
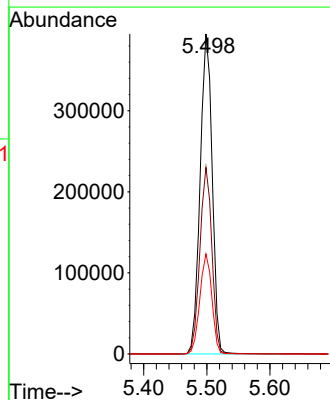
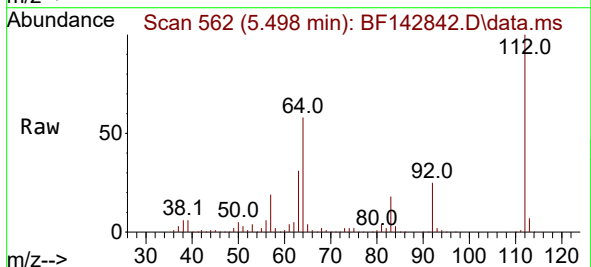
Instrument :
 BNA_F
 ClientSampleId :
 MH-K/L

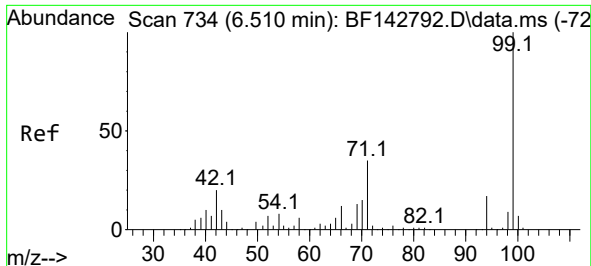
Tgt Ion:152 Resp: 87350
 Ion Ratio Lower Upper
 152 100
 150 157.0 127.2 190.8
 115 58.8 46.6 69.8



#5
 2-Fluorophenol
 Concen: 100.017 ng
 RT: 5.498 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF142842.D
 Acq: 25 Jun 2025 17:33

Tgt Ion:112 Resp: 524735
 Ion Ratio Lower Upper
 112 100
 64 58.3 48.2 72.2
 63 31.3 25.7 38.5

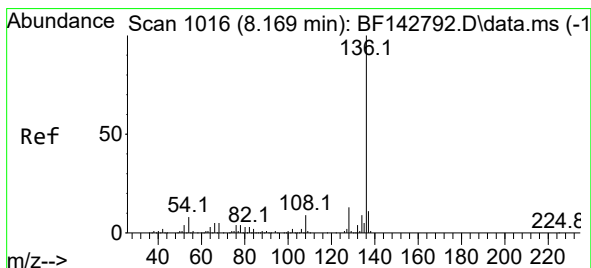
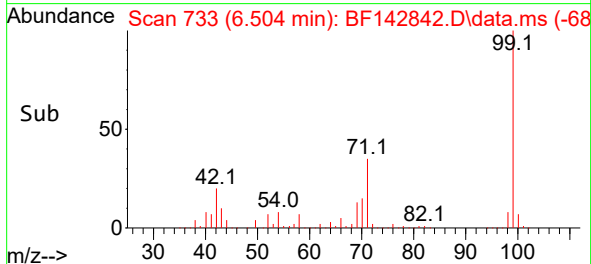
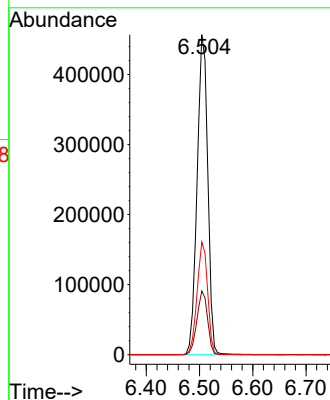
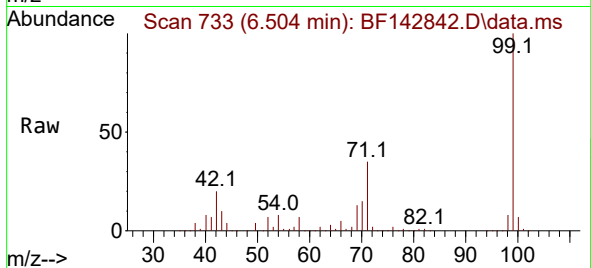




#7
Phenol-d6
Concen: 102.391 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142842.D
Acq: 25 Jun 2025 17:33

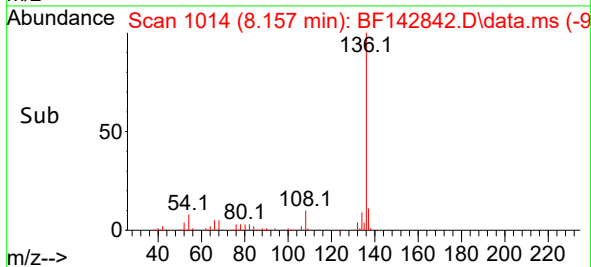
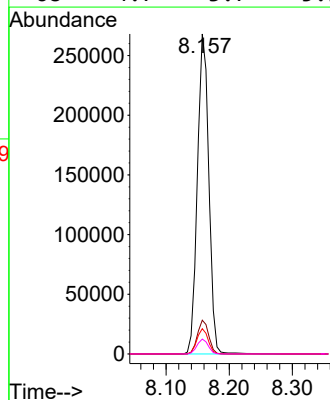
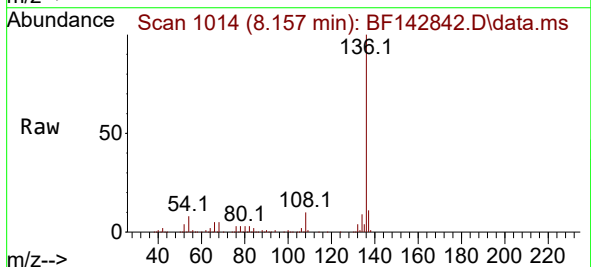
Instrument :
BNA_F
ClientSampleId :
MH-K/L

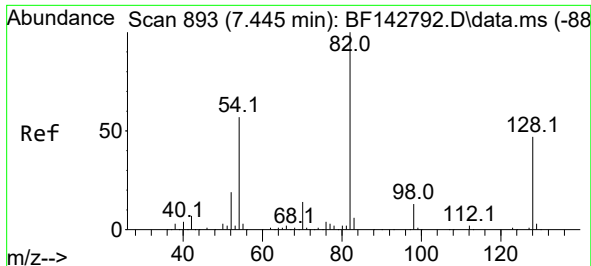
Tgt Ion: 99 Resp: 633780
Ion Ratio Lower Upper
99 100
42 19.9 15.9 23.9
71 35.1 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142842.D
Acq: 25 Jun 2025 17:33

Tgt Ion: 136 Resp: 336404
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 7.9 6.3 9.5
68 4.7 3.7 5.5





#23

Nitrobenzene-d5

Concen: 62.889 ng

RT: 7.440 min Scan# 89

Delta R.T. -0.005 min

Lab File: BF142842.D

Acq: 25 Jun 2025 17:33

Instrument :

BNA_F

ClientSampleId :

MH-K/L

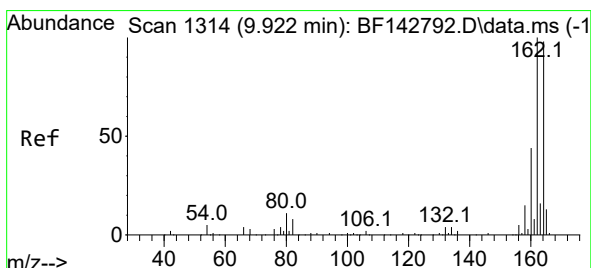
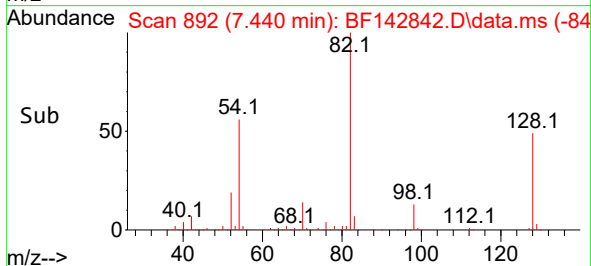
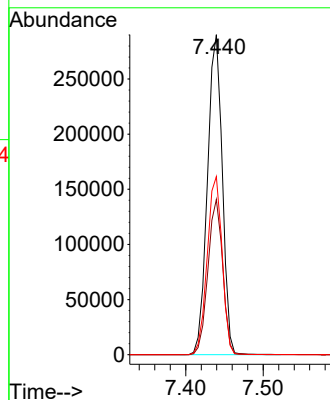
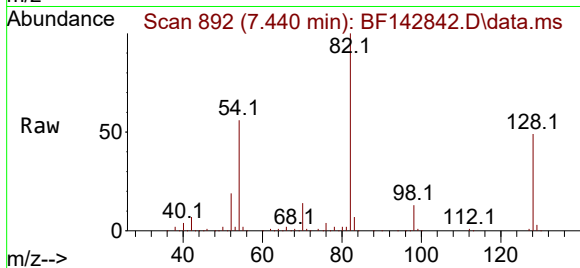
Tgt Ion: 82 Resp: 385700

Ion Ratio Lower Upper

82 100

128 48.5 37.7 56.5

54 55.6 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: BF142842.D

Acq: 25 Jun 2025 17:33

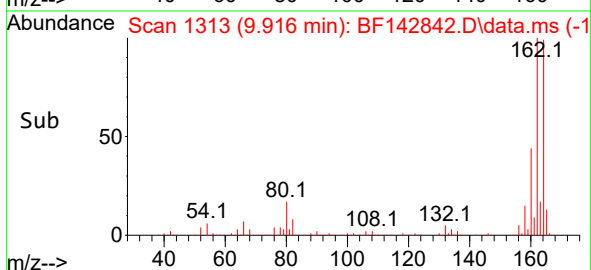
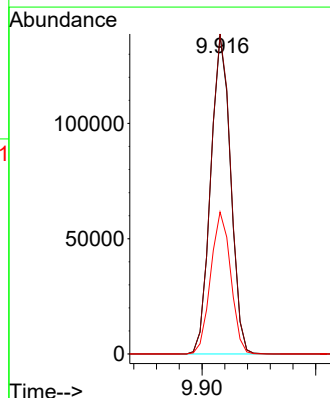
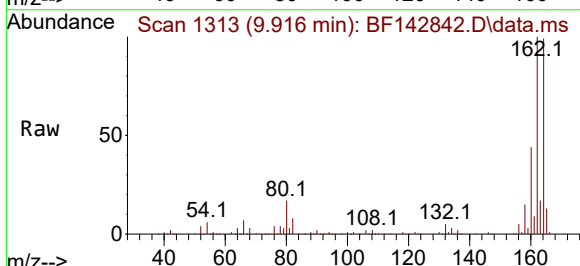
Tgt Ion:164 Resp: 167914

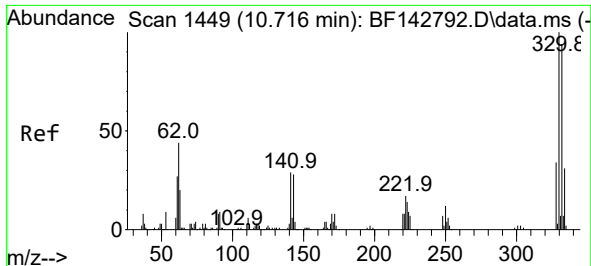
Ion Ratio Lower Upper

164 100

162 100.6 81.8 122.8

160 44.6 36.0 54.0

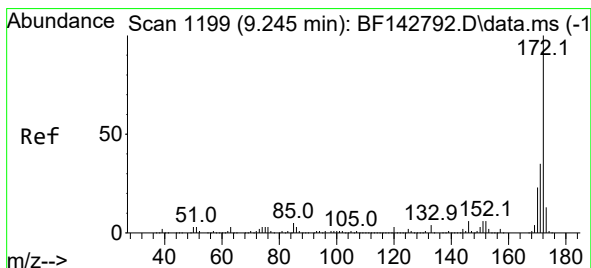
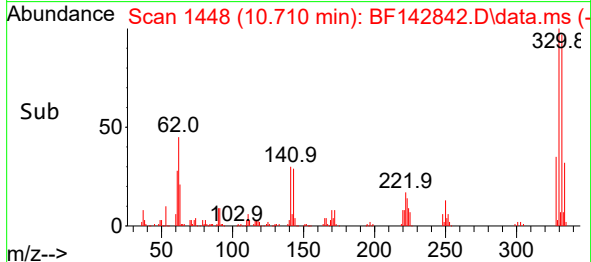
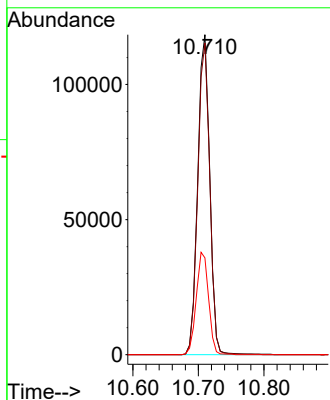
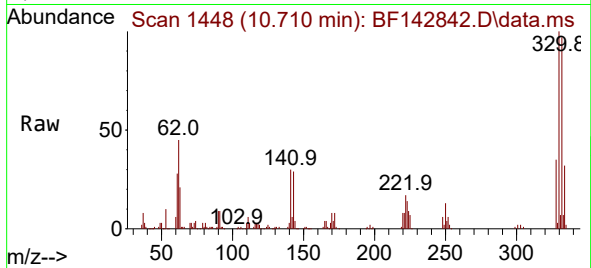




#42
2,4,6-Tribromophenol
Concen: 87.736 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142842.D
Acq: 25 Jun 2025 17:33

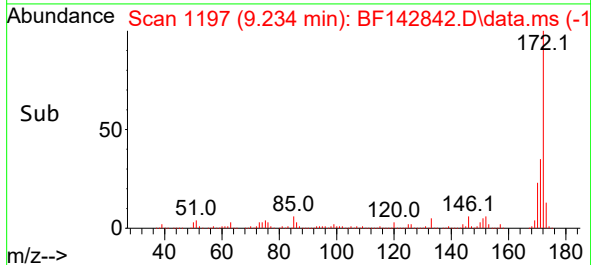
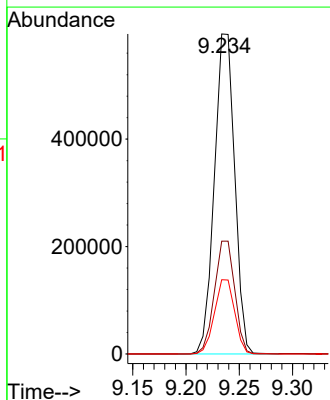
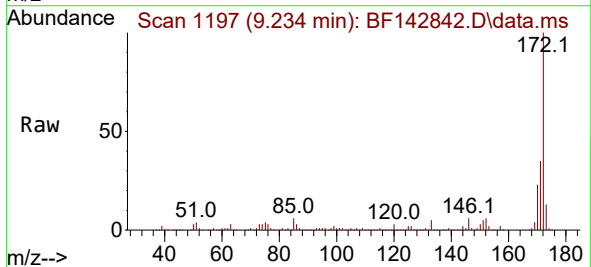
Instrument :
BNA_F
ClientSampleId :
MH-K/L

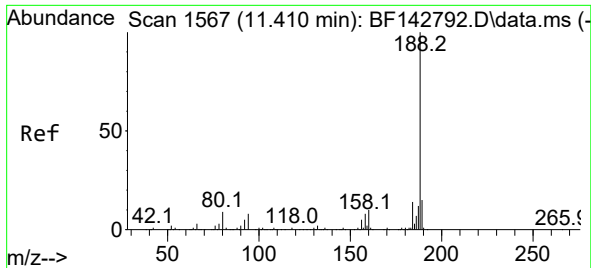
Tgt Ion:330 Resp: 151603
Ion Ratio Lower Upper
330 100
332 96.9 75.0 112.6
141 32.6 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 61.712 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.011 min
Lab File: BF142842.D
Acq: 25 Jun 2025 17:33

Tgt Ion:172 Resp: 788809
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.2 18.5 27.7

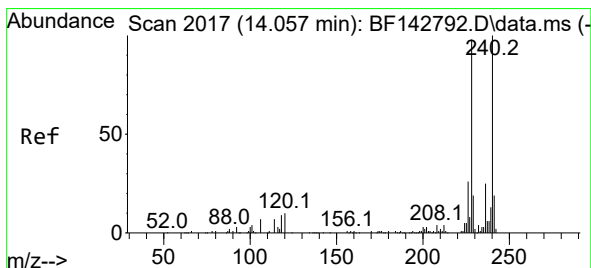
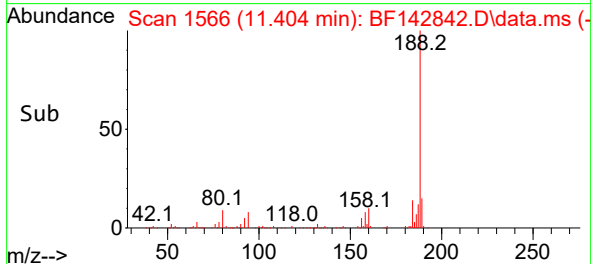
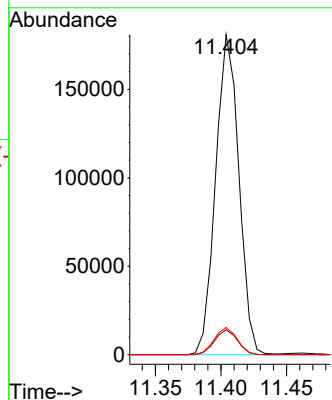
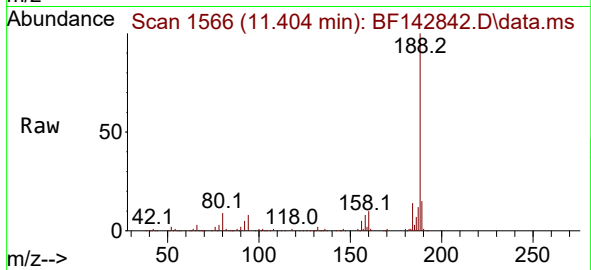




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142842.D
Acq: 25 Jun 2025 17:33

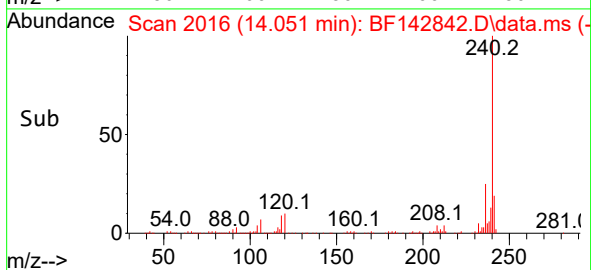
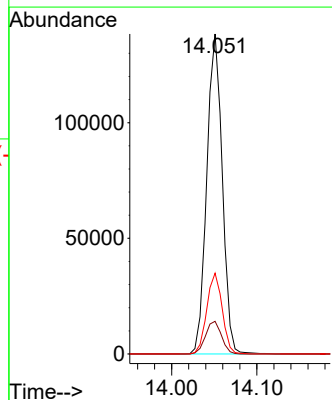
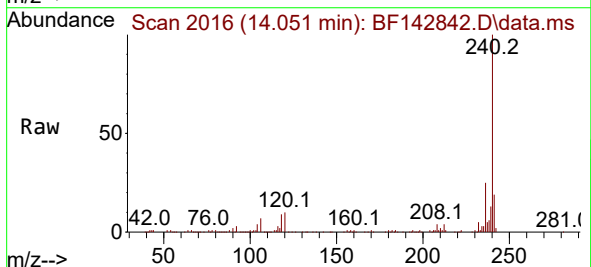
Instrument :
BNA_F
ClientSampleId :
MH-K/L

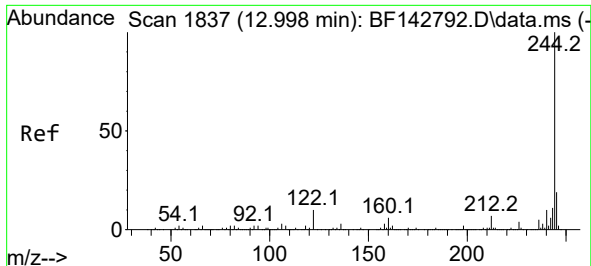
Tgt Ion:188 Resp: 222740
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 8.5 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142842.D
Acq: 25 Jun 2025 17:33

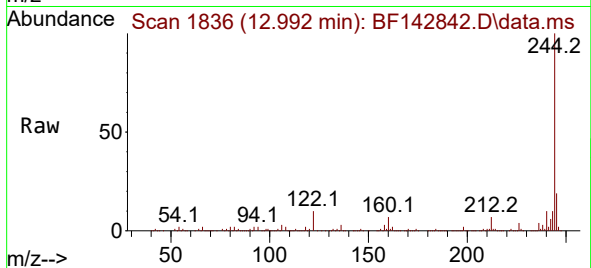
Tgt Ion:240 Resp: 174720
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.2
236 25.3 19.8 29.8



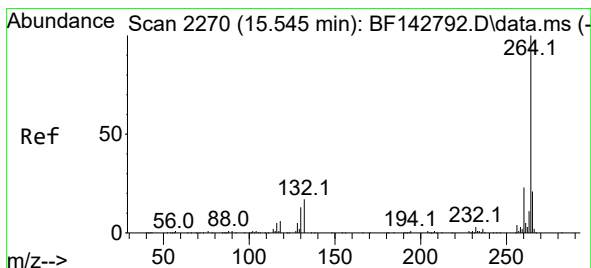
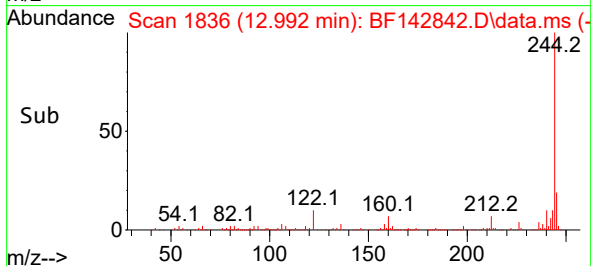
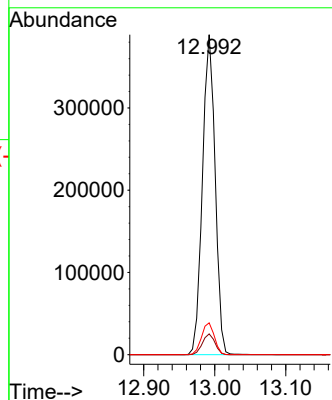


#79
Terphenyl-d14
Concen: 38.303 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF142842.D
Acq: 25 Jun 2025 17:33

Instrument :
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ClientSampleId :
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Tgt Ion:244 Resp: 484348
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 9.9 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: BF142842.D
Acq: 25 Jun 2025 17:33

Tgt Ion:264 Resp: 194765
Ion Ratio Lower Upper
264 100
260 23.1 18.1 27.1
265 21.0 16.6 25.0

