

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142884.D
 Acq On : 27 Jun 2025 10:49
 Operator : RC/JU
 Sample : PB168625BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168625BL

Quant Time: Jun 27 11:47:24 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	77055	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	295430	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	162519	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	284575	20.000	ng	0.00
76) Chrysene-d12	14.051	240	168482	20.000	ng	0.00
86) Perylene-d12	15.545	264	158706	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	585667	126.545	ng	0.01
7) Phenol-d6	6.504	99	692386	126.804	ng	0.00
23) Nitrobenzene-d5	7.440	82	439469	81.594	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	223294	133.515	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	957296	77.380	ng	-0.01
79) Terphenyl-d14	12.998	244	957194	78.498	ng	0.00

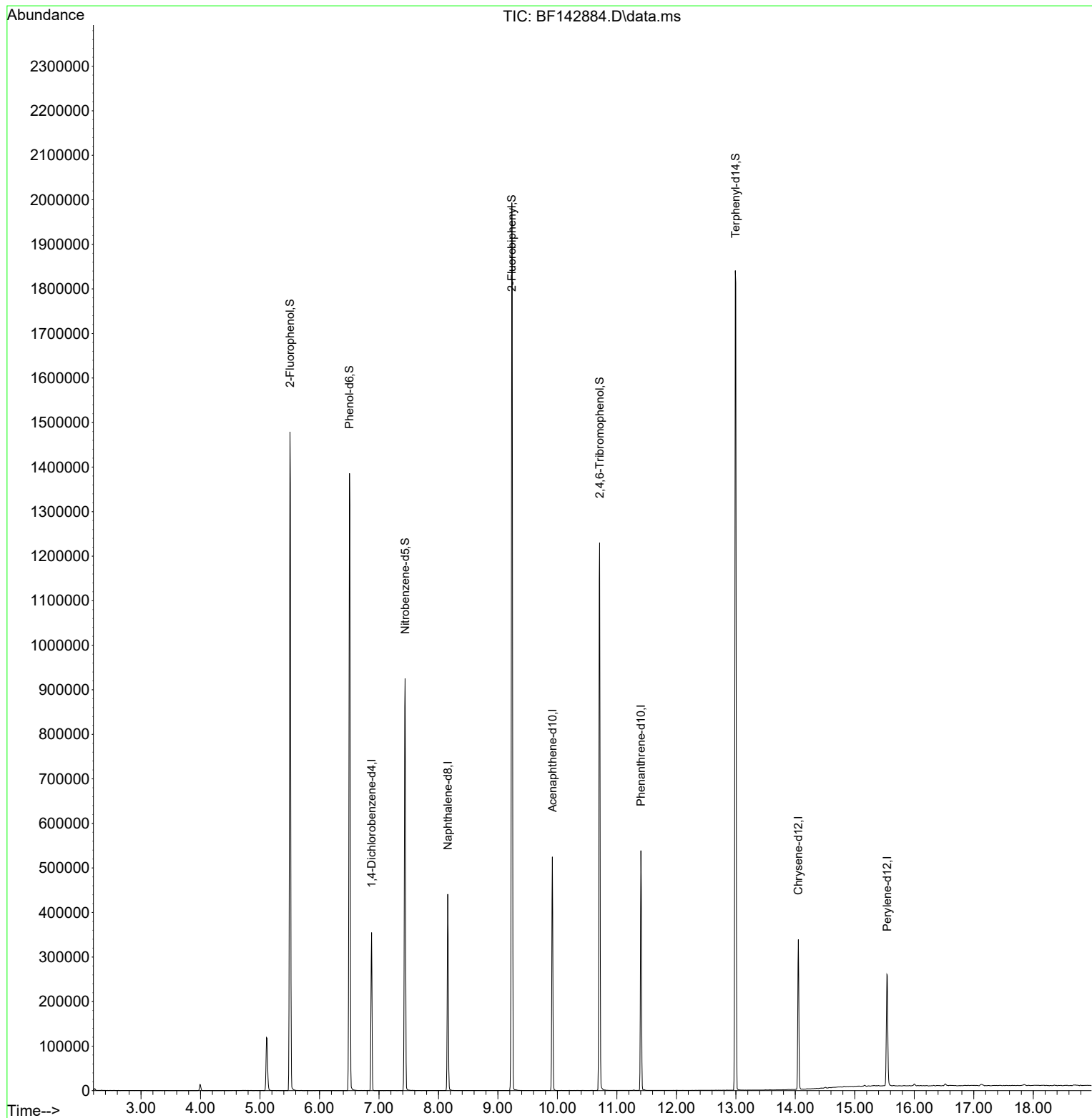
Target Compounds	Qvalue

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

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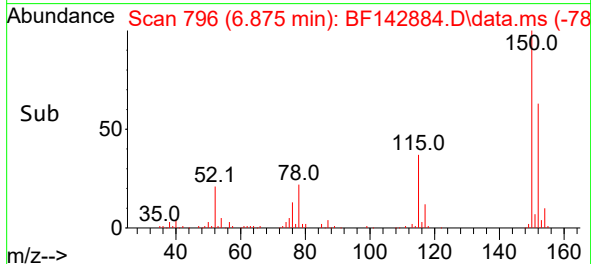
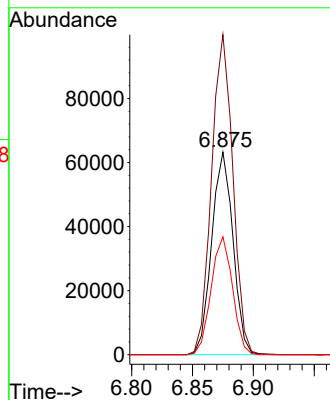
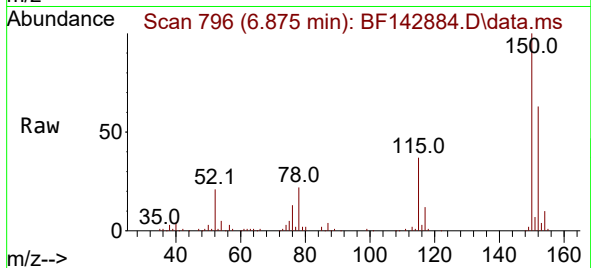




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142884.D
Acq: 27 Jun 2025 10:49

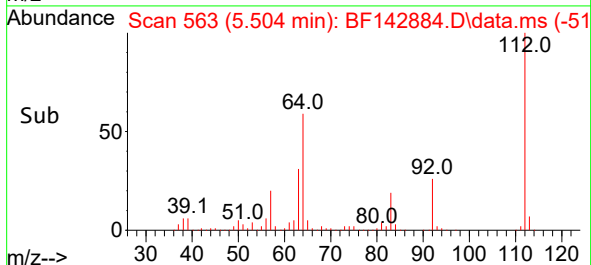
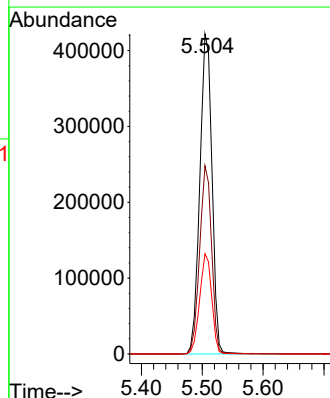
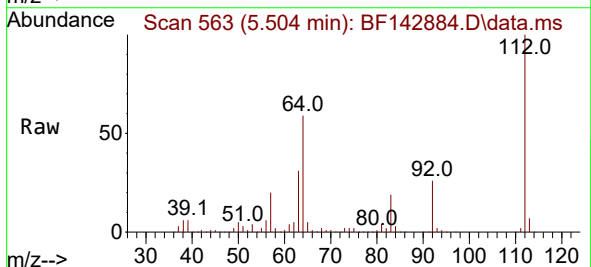
Instrument :
BNA_F
ClientSampleId :
PB168625BL

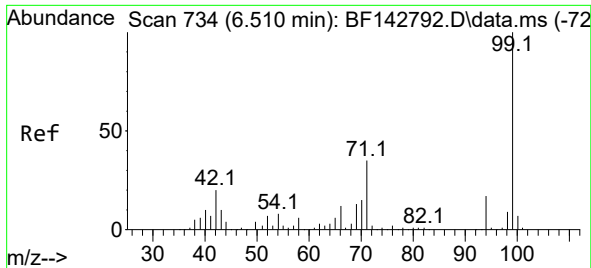
Tgt Ion:152 Resp: 77055
Ion Ratio Lower Upper
152 100
150 158.0 127.2 190.8
115 58.3 46.6 69.8



#5
2-Fluorophenol
Concen: 126.545 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF142884.D
Acq: 27 Jun 2025 10:49

Tgt Ion:112 Resp: 585667
Ion Ratio Lower Upper
112 100
64 58.8 48.2 72.2
63 31.3 25.7 38.5

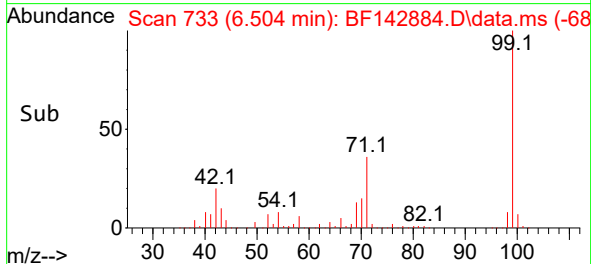
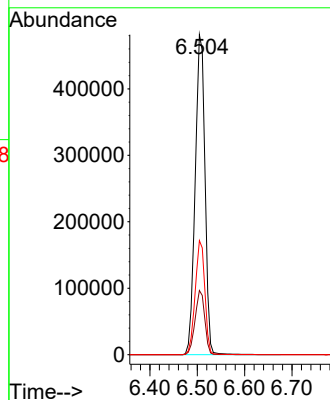
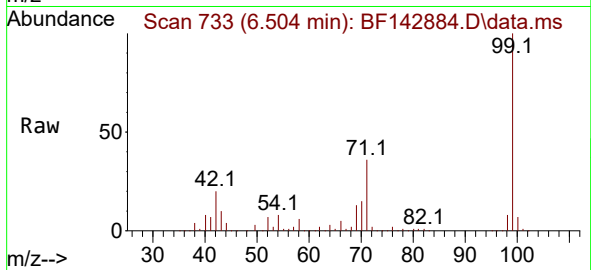




#7
Phenol-d6
Concen: 126.804 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142884.D
Acq: 27 Jun 2025 10:49

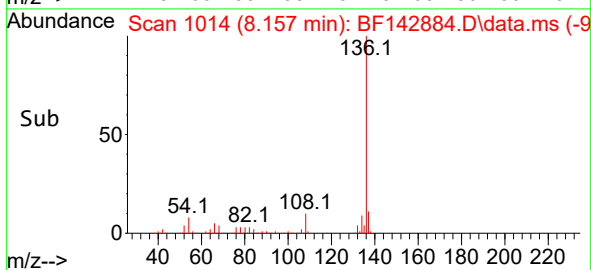
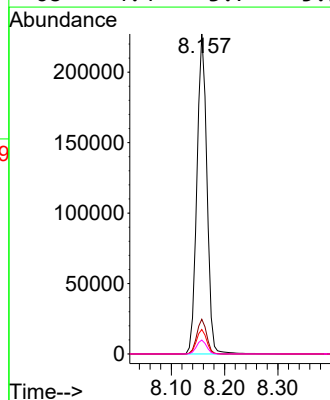
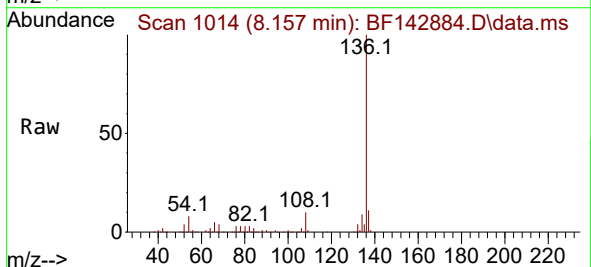
Instrument :
BNA_F
ClientSampleId :
PB168625BL

Tgt Ion: 99 Resp: 692386
Ion Ratio Lower Upper
99 100
42 20.0 15.9 23.9
71 35.6 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: BF142884.D
Acq: 27 Jun 2025 10:49

Tgt Ion: 136 Resp: 295430
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.7 6.3 9.5
68 4.4 3.7 5.5





#23

Nitrobenzene-d5

Concen: 81.594 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.005 min

Lab File: BF142884.D

Acq: 27 Jun 2025 10:49

Instrument :

BNA_F

ClientSampleId :

PB168625BL

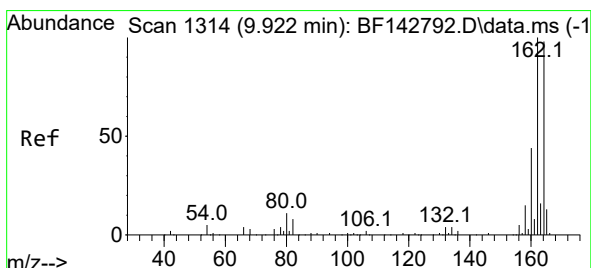
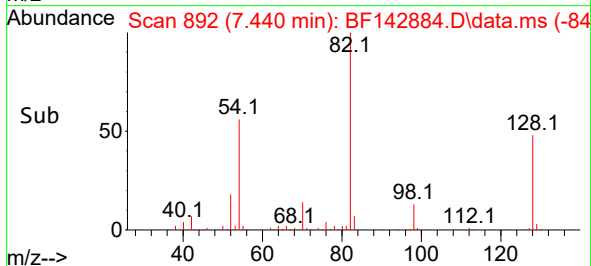
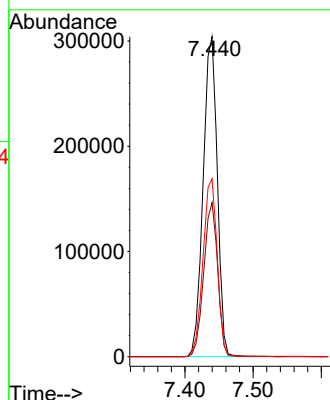
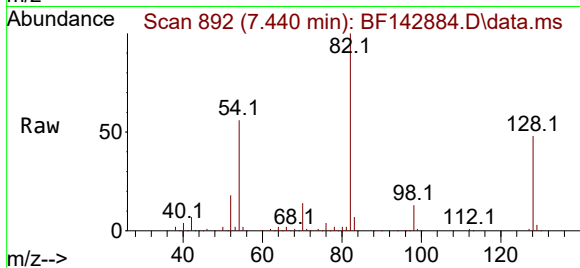
Tgt Ion: 82 Resp: 439469

Ion Ratio Lower Upper

82 100

128 48.2 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: BF142884.D

Acq: 27 Jun 2025 10:49

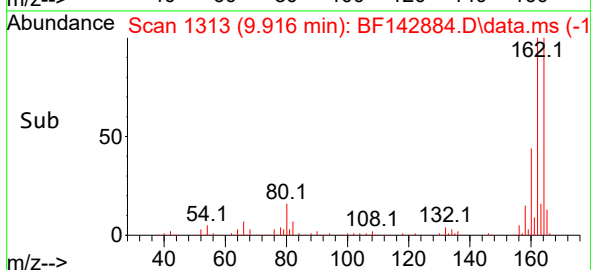
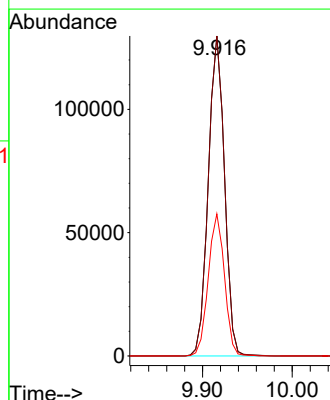
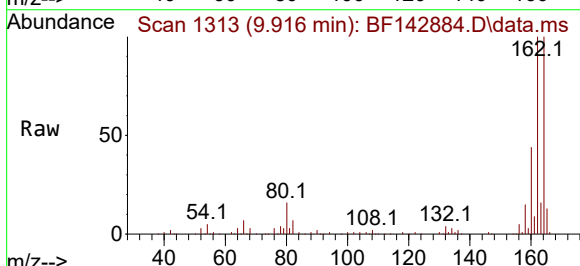
Tgt Ion:164 Resp: 162519

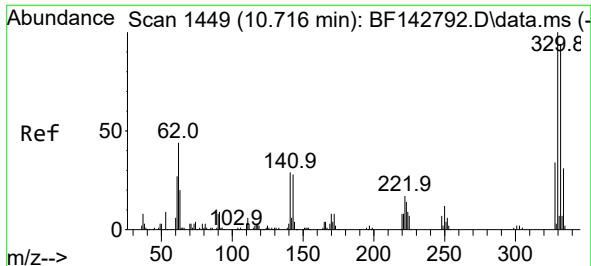
Ion Ratio Lower Upper

164 100

162 100.0 81.8 122.8

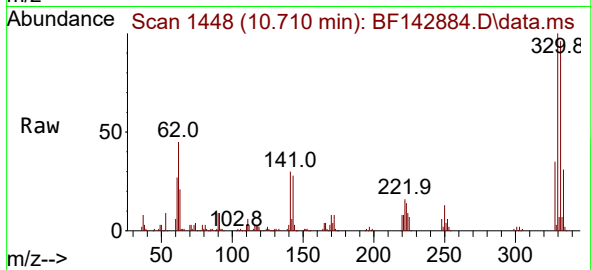
160 44.4 36.0 54.0



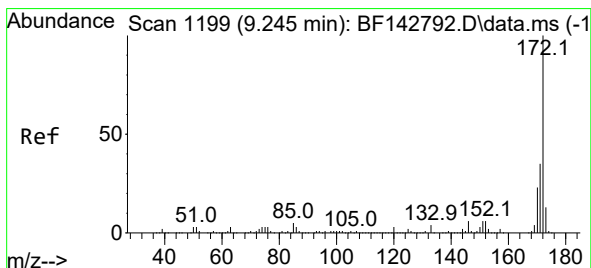
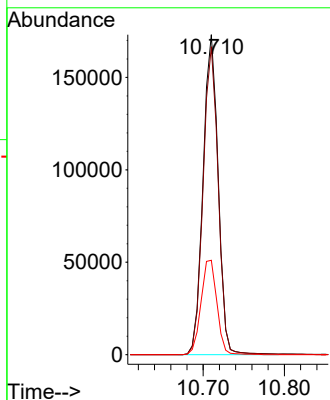
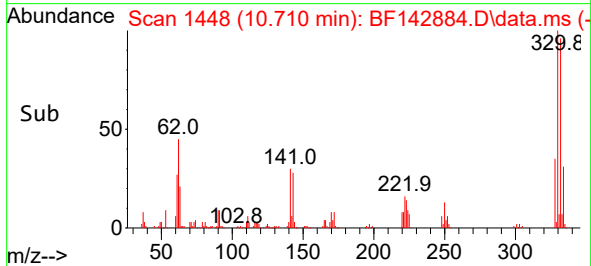


#42
2,4,6-Tribromophenol
Concen: 133.515 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142884.D
Acq: 27 Jun 2025 10:49

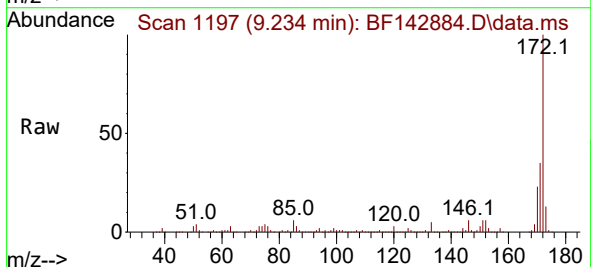
Instrument :
BNA_F
ClientSampleId :
PB168625BL



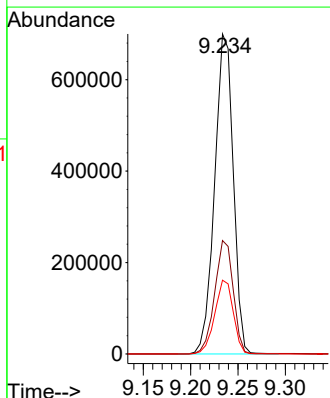
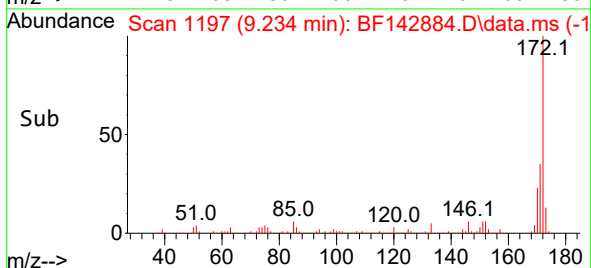
Tgt Ion:330 Resp: 223294
Ion Ratio Lower Upper
330 100
332 96.6 75.0 112.6
141 31.0 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 77.380 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.011 min
Lab File: BF142884.D
Acq: 27 Jun 2025 10:49



Tgt Ion:172 Resp: 957296
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.0 18.5 27.7

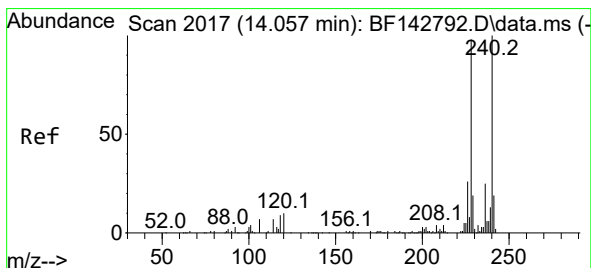
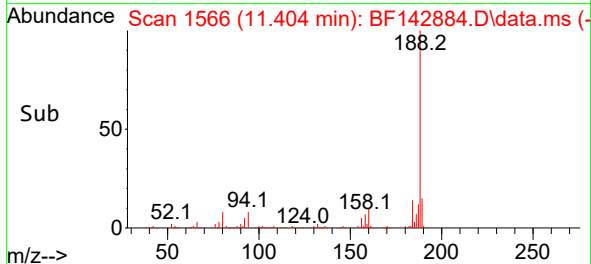
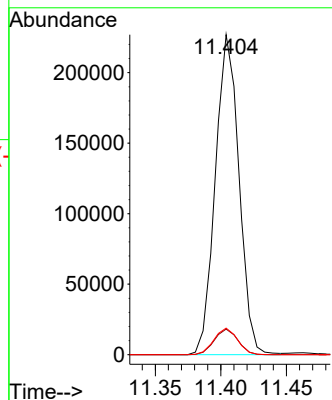
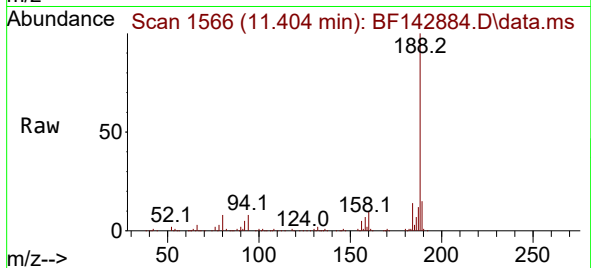




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142884.D
Acq: 27 Jun 2025 10:49

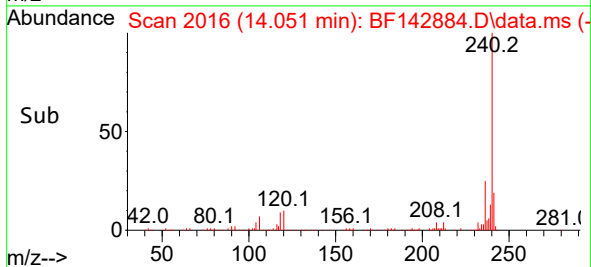
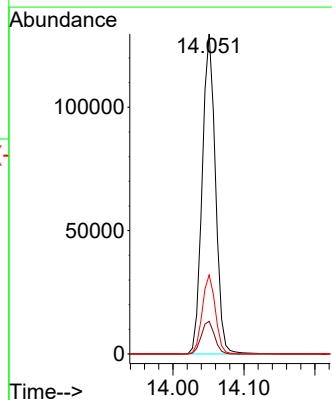
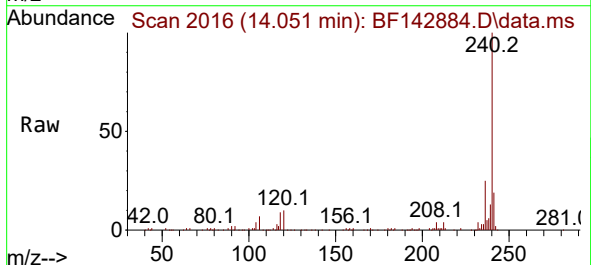
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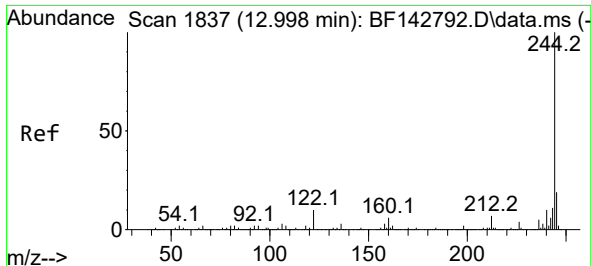
Tgt Ion:188 Resp: 284575
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.3 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142884.D
Acq: 27 Jun 2025 10:49

Tgt Ion:240 Resp: 168482
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.2
236 24.7 19.8 29.8

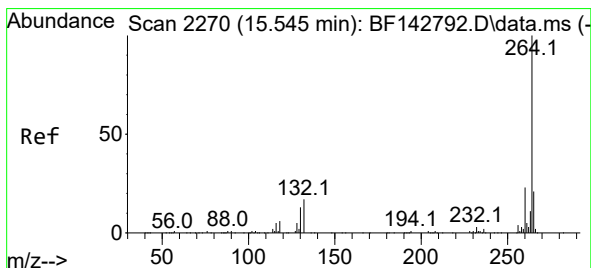
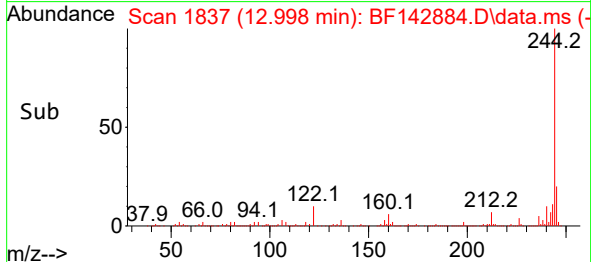
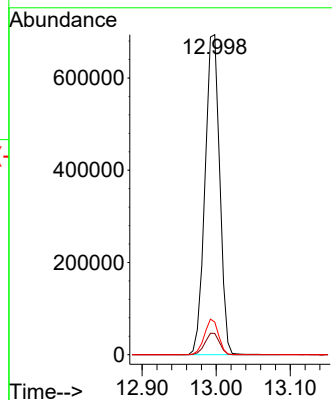
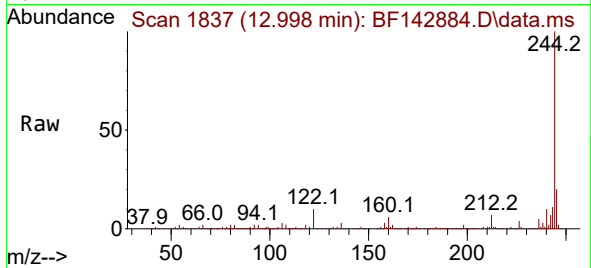




#79
 Terphenyl-d14
 Concen: 78.498 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF142884.D
 Acq: 27 Jun 2025 10:49

Instrument :
 BNA_F
 ClientSampleId :
 PB168625BL

Tgt Ion:244 Resp: 957194
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.2 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: BF142884.D
 Acq: 27 Jun 2025 10:49

Tgt Ion:264 Resp: 158706
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.1 27.1
 265 21.1 16.6 25.0

