

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142883.D
Acq On : 27 Jun 2025 10:20
Operator : RC/JU
Sample : PB168571TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168571TB

Quant Time: Jun 27 11:47:03 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	77815	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	299629	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	163854	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	285501	20.000	ng	0.00
76) Chrysene-d12	14.051	240	173222	20.000	ng	0.00
86) Perylene-d12	15.545	264	159728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	578642	123.806	ng	0.01
7) Phenol-d6	6.504	99	676397	122.666	ng	0.00
23) Nitrobenzene-d5	7.439	82	430688	78.843	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	215134	127.587	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	944737	75.743	ng	-0.01
79) Terphenyl-d14	12.998	244	942932	75.213	ng	0.00

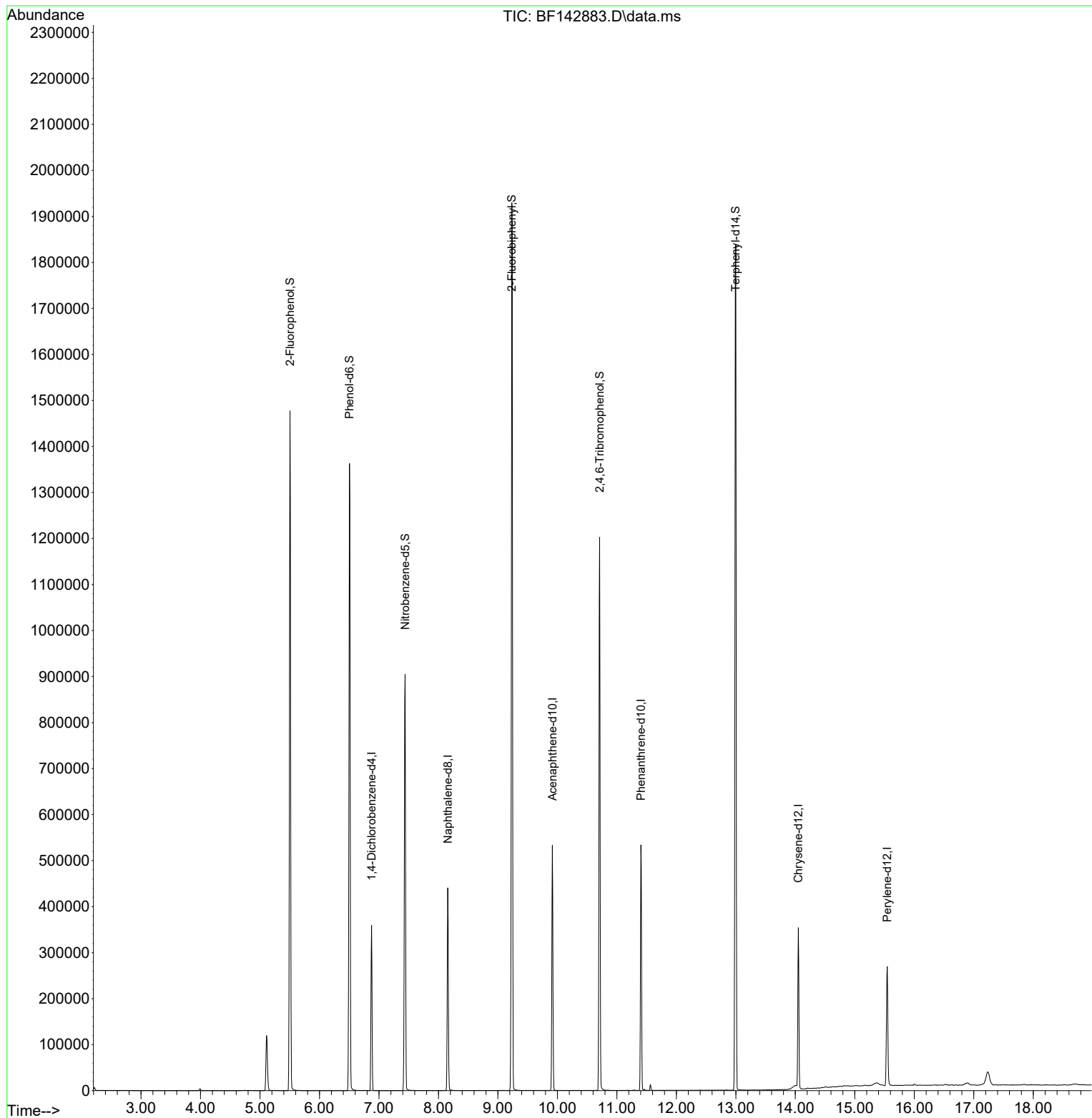
Target Compounds	Qvalue

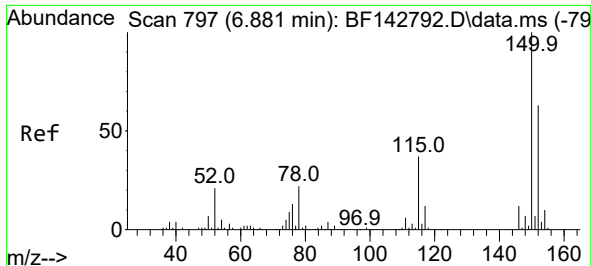
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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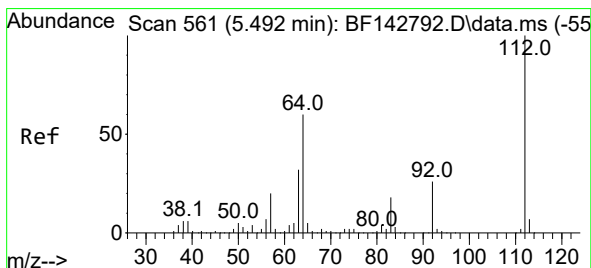
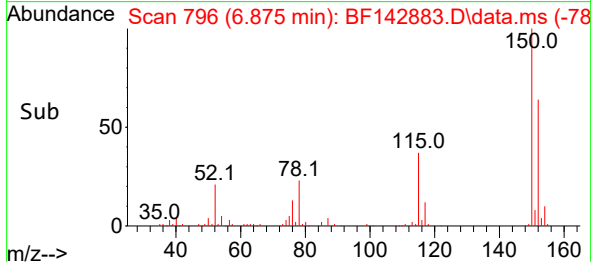
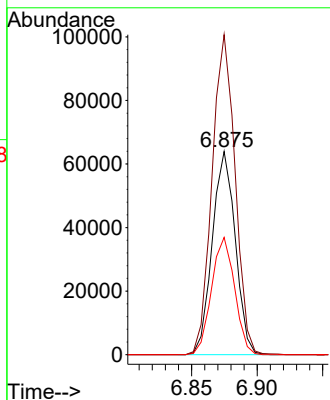
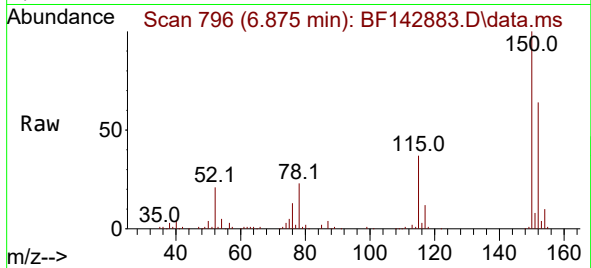




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF142883.D
Acq: 27 Jun 2025 10:20

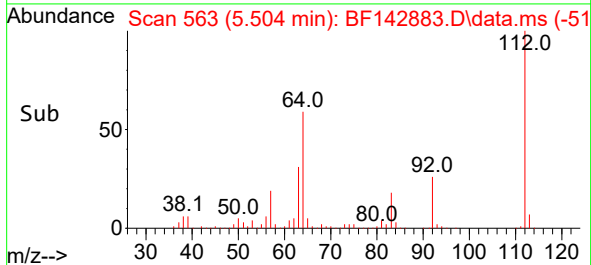
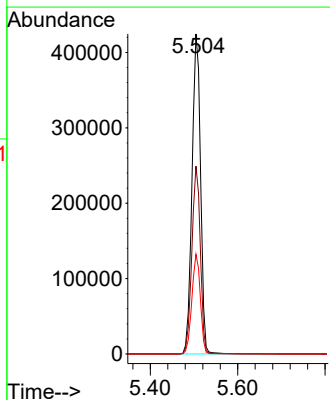
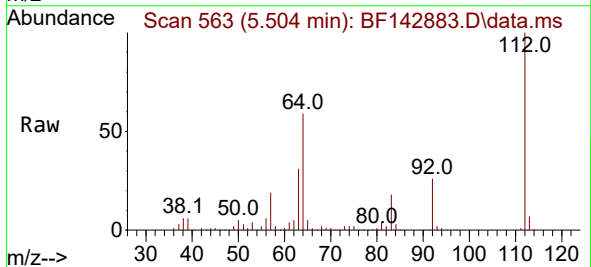
Instrument :
BNA_F
ClientSampleId :
PB168571TB

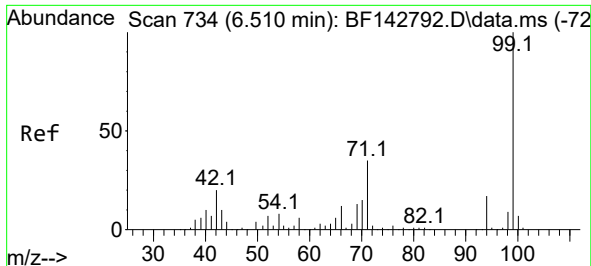
Tgt Ion:152 Resp: 77815
Ion Ratio Lower Upper
152 100
150 157.5 127.2 190.8
115 57.7 46.6 69.8



#5
2-Fluorophenol
Concen: 123.806 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF142883.D
Acq: 27 Jun 2025 10:20

Tgt Ion:112 Resp: 578642
Ion Ratio Lower Upper
112 100
64 58.7 48.2 72.2
63 31.2 25.7 38.5

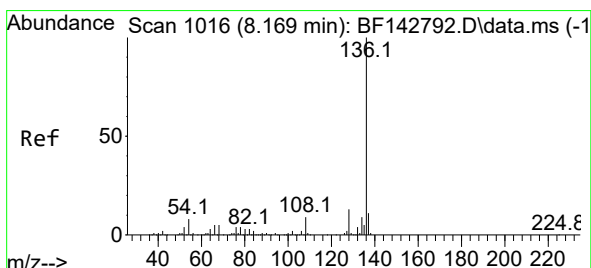
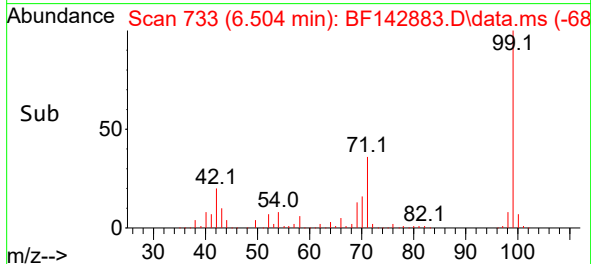
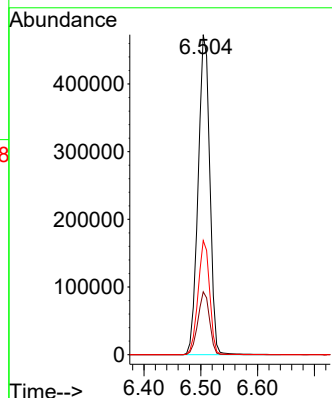
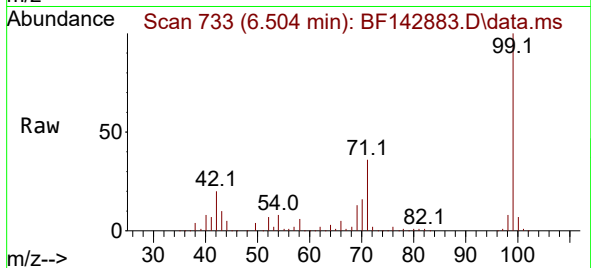




#7
Phenol-d6
Concen: 122.666 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142883.D
Acq: 27 Jun 2025 10:20

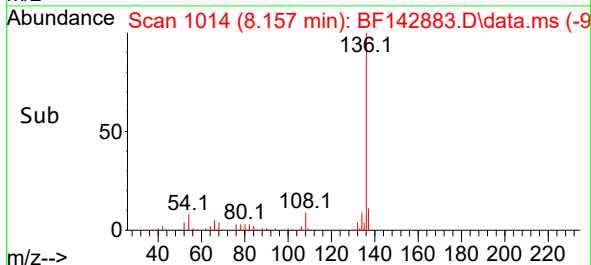
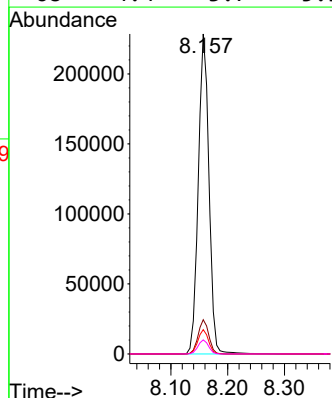
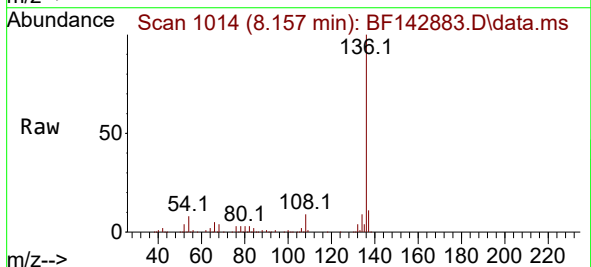
Instrument :
BNA_F
ClientSampleId :
PB168571TB

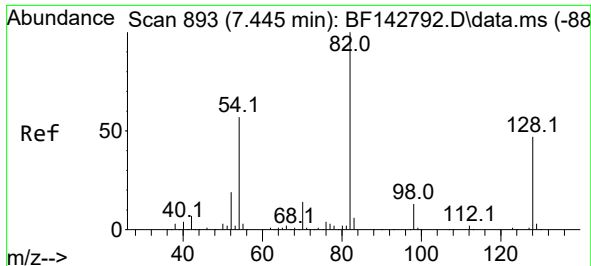
Tgt Ion: 99 Resp: 676397
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 35.6 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142883.D
Acq: 27 Jun 2025 10:20

Tgt Ion: 136 Resp: 299629
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.6 6.3 9.5
68 4.4 3.7 5.5





#23

Nitrobenzene-d5

Concen: 78.843 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142883.D

Acq: 27 Jun 2025 10:20

Instrument :

BNA_F

ClientSampleId :

PB168571TB

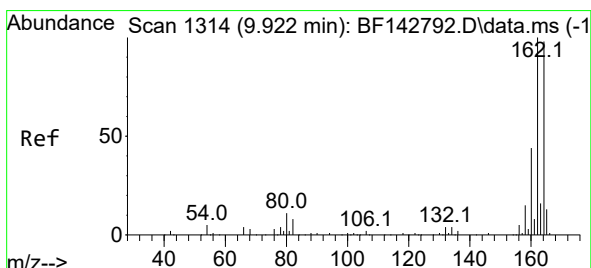
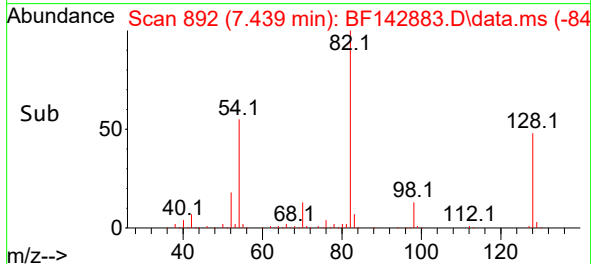
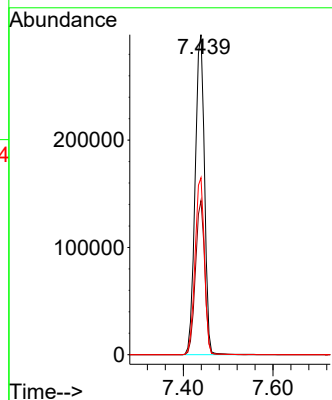
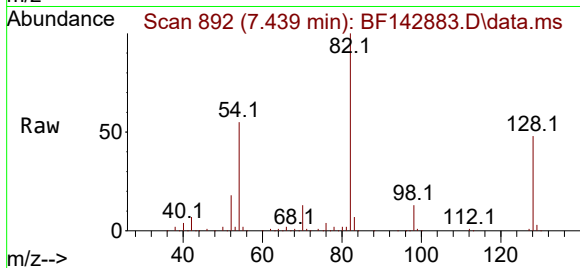
Tgt Ion: 82 Resp: 430688

Ion Ratio Lower Upper

82 100

128 48.2 37.7 56.5

54 55.3 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: BF142883.D

Acq: 27 Jun 2025 10:20

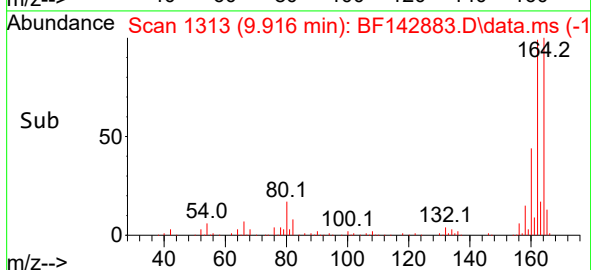
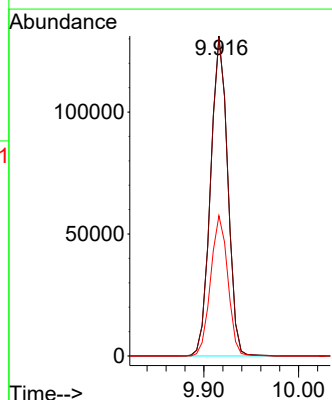
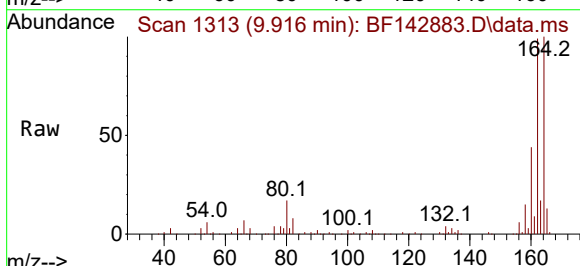
Tgt Ion:164 Resp: 163854

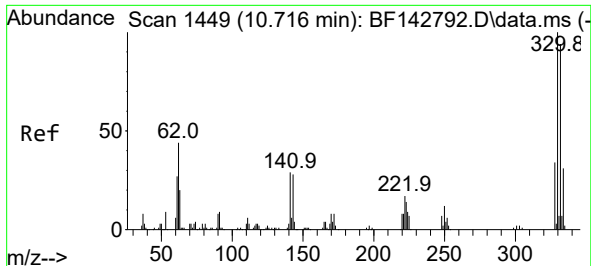
Ion Ratio Lower Upper

164 100

162 99.5 81.8 122.8

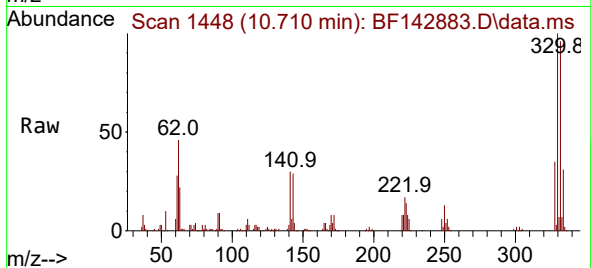
160 43.8 36.0 54.0



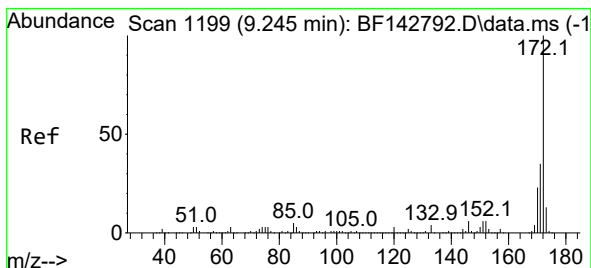
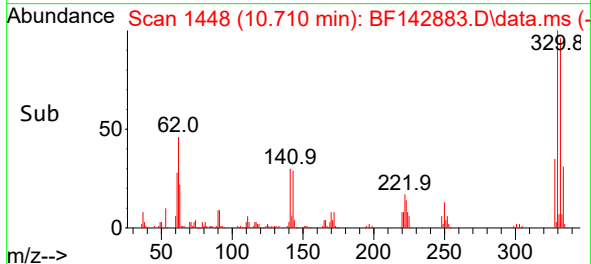
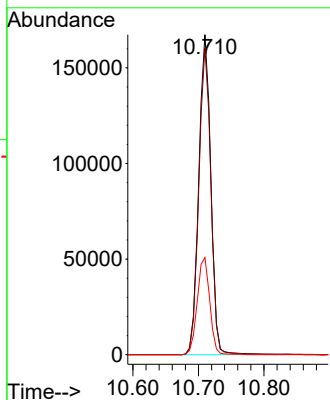


#42
2,4,6-Tribromophenol
Concen: 127.587 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142883.D
Acq: 27 Jun 2025 10:20

Instrument :
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PB168571TB

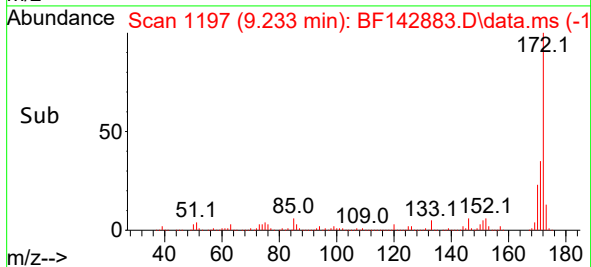
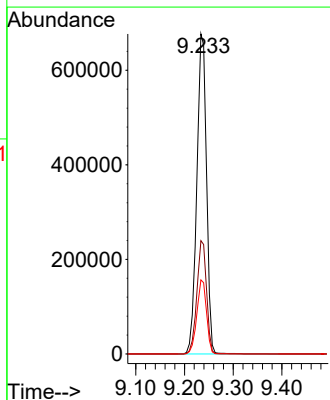
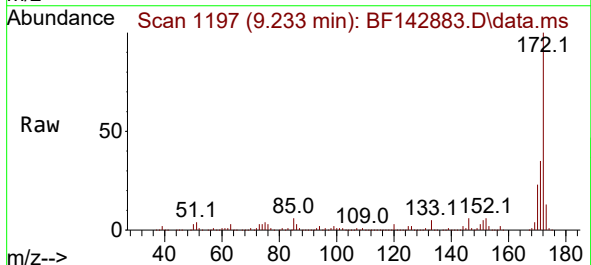


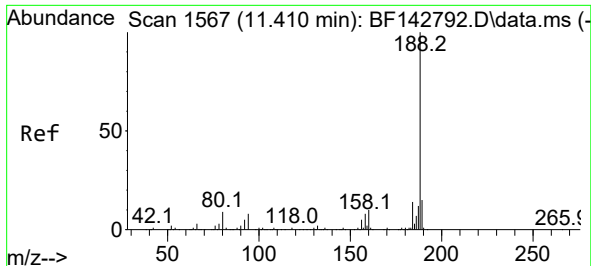
Tgt Ion:330 Resp: 215134
Ion Ratio Lower Upper
330 100
332 95.8 75.0 112.6
141 31.3 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 75.743 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF142883.D
Acq: 27 Jun 2025 10:20

Tgt Ion:172 Resp: 944737
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.1 18.5 27.7

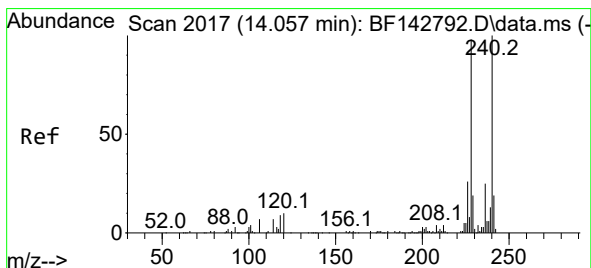
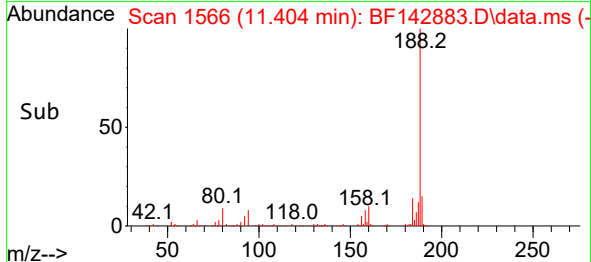
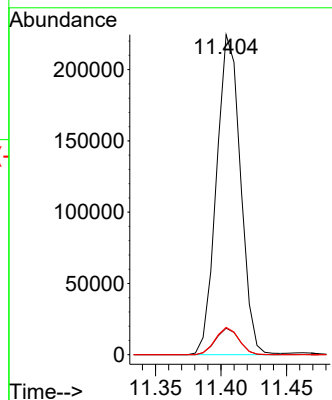
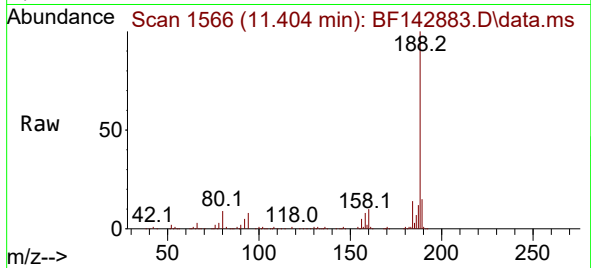




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142883.D
Acq: 27 Jun 2025 10:20

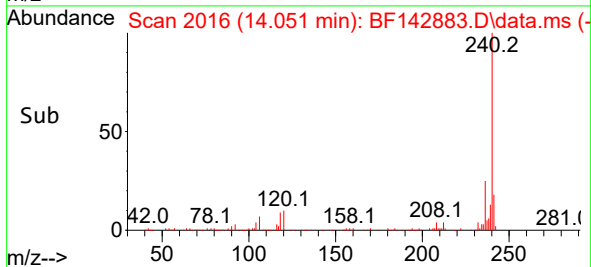
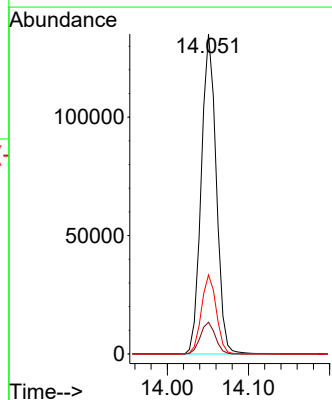
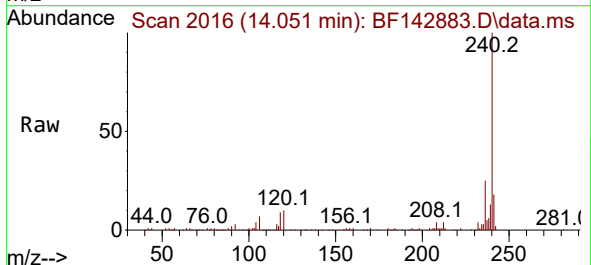
Instrument :
BNA_F
ClientSampleId :
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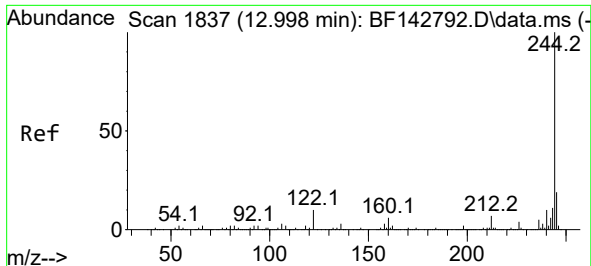
Tgt Ion:188 Resp: 285501
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.6 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142883.D
Acq: 27 Jun 2025 10:20

Tgt Ion:240 Resp: 173222
Ion Ratio Lower Upper
240 100
120 9.9 8.2 12.2
236 24.7 19.8 29.8

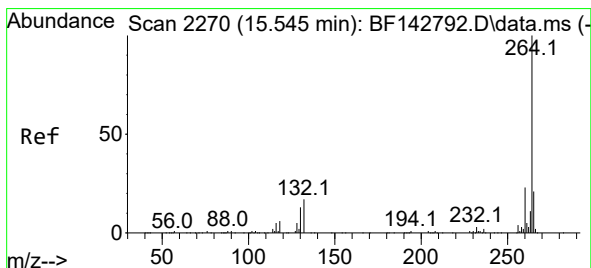
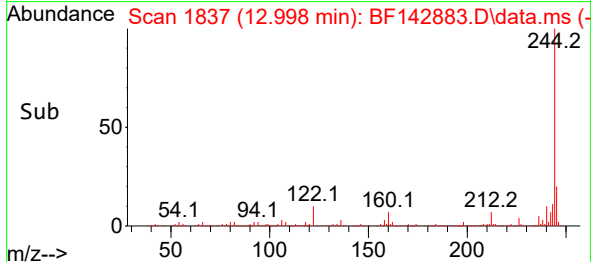
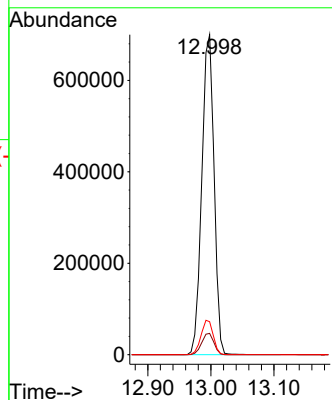
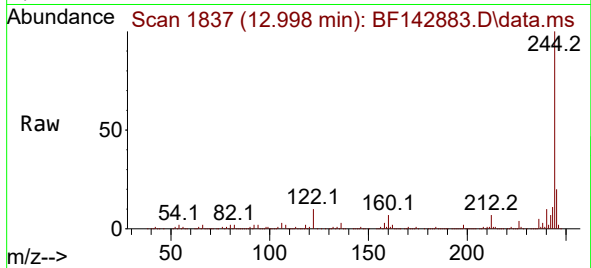




#79
Terphenyl-d14
Concen: 75.213 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BF142883.D
Acq: 27 Jun 2025 10:20

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 942932
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 10.3 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: BF142883.D
Acq: 27 Jun 2025 10:20

Tgt Ion:264 Resp: 159728
Ion Ratio Lower Upper
264 100
260 23.1 18.1 27.1
265 21.6 16.6 25.0

