

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
 Data File : BF142969.D
 Acq On : 02 Jul 2025 14:17
 Operator : RC/JU
 Sample : Q2458-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-67

Quant Time: Jul 02 14:43:33 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	6.869	152	53005	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	205773	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	107799	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	193599	20.000	ng	0.00
76) Chrysene-d12	14.051	240	117849	20.000	ng	0.00
86) Perylene-d12	15.545	264	100982	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	278234	87.395	ng	0.00
7) Phenol-d6	6.504	99	332882	88.625	ng	0.00
23) Nitrobenzene-d5	7.434	82	201582	53.734	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	104384	94.097	ng	-0.01
45) 2-Fluorobiphenyl	9.234	172	458591	55.885	ng	-0.01
79) Terphenyl-d14	12.992	244	486496	57.038	ng	0.00

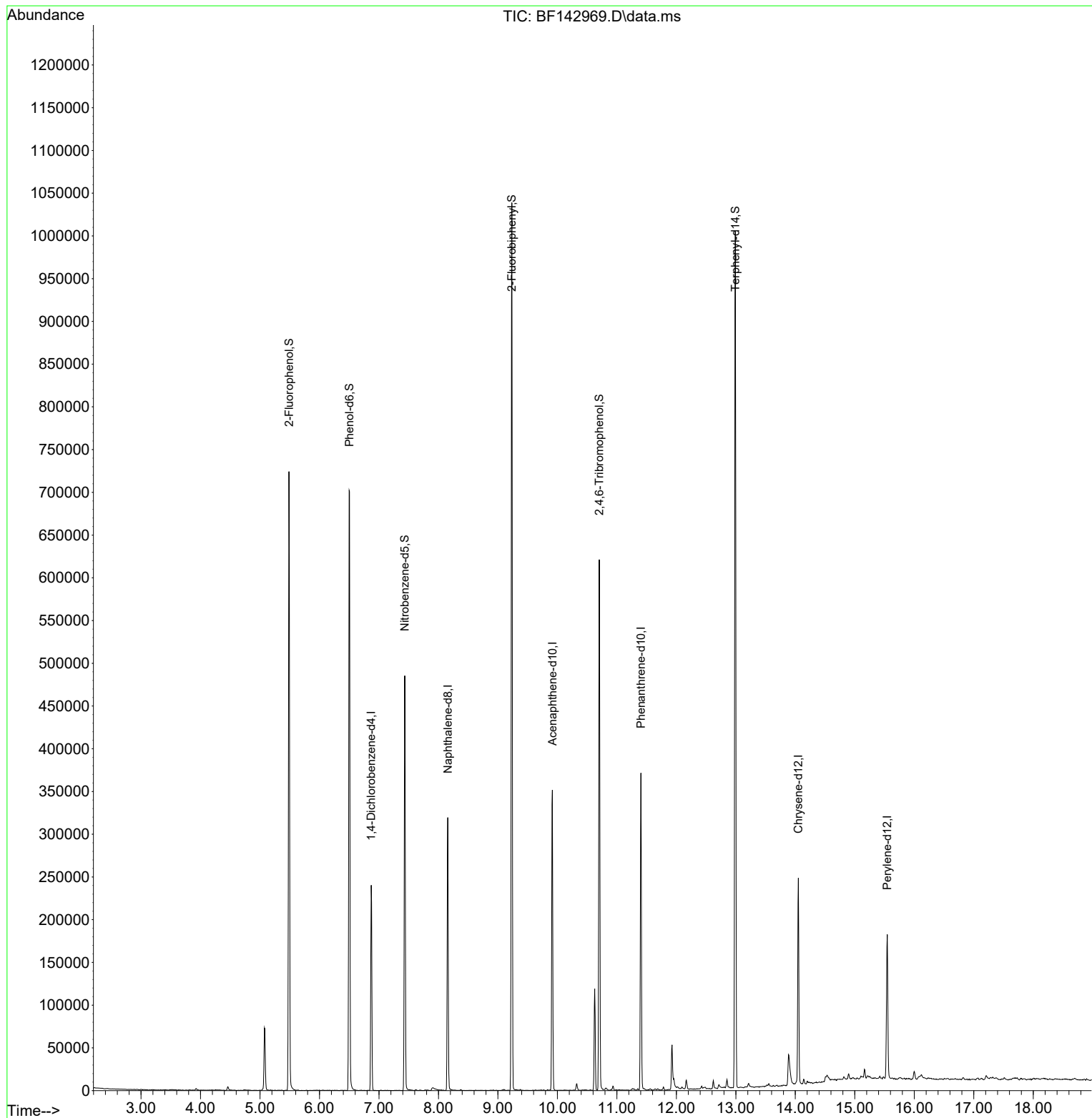
Target Compounds	Qvalue

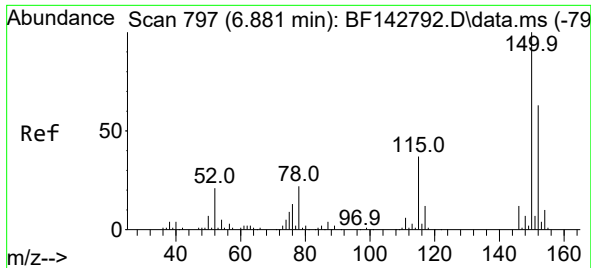
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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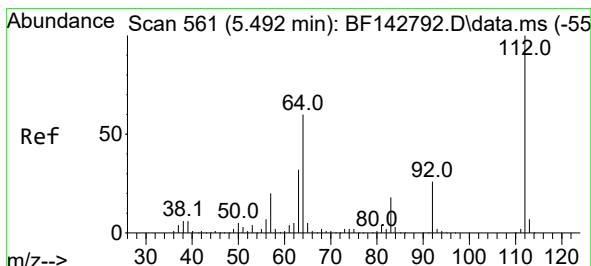
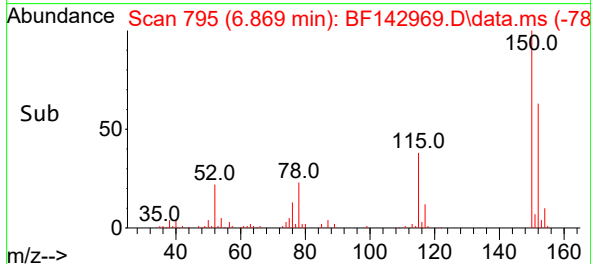
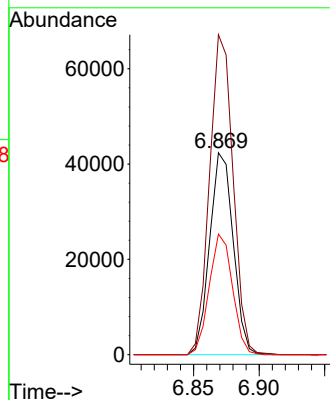
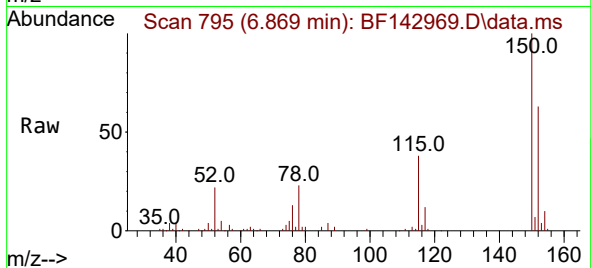




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 797
Delta R.T. -0.012 min
Lab File: BF142969.D
Acq: 02 Jul 2025 14:17

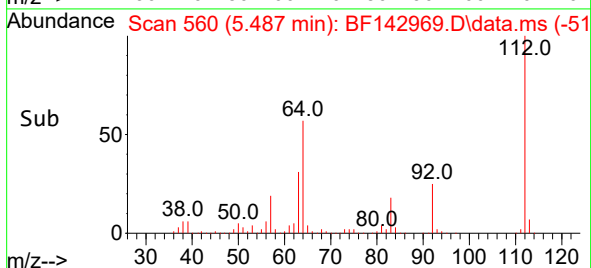
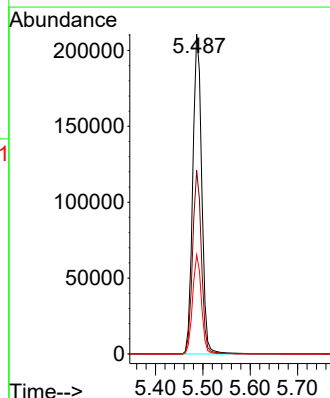
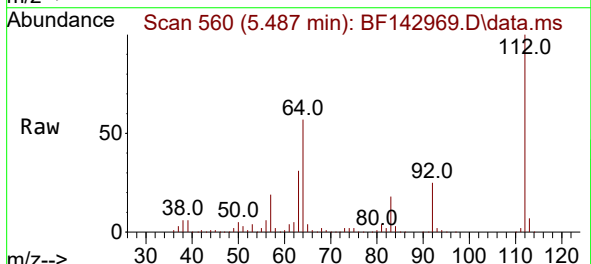
Instrument :
BNA_F
ClientSampleId :
TP-67

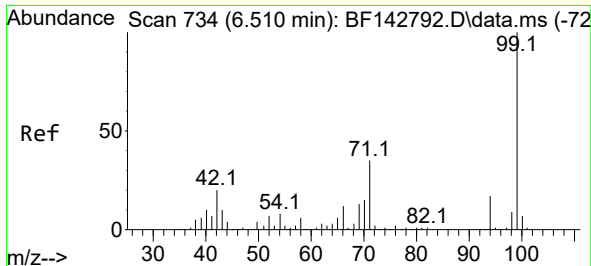
Tgt Ion:152 Resp: 53005
Ion Ratio Lower Upper
152 100
150 158.5 127.2 190.8
115 59.8 46.6 69.8



#5
2-Fluorophenol
Concen: 87.395 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.005 min
Lab File: BF142969.D
Acq: 02 Jul 2025 14:17

Tgt Ion:112 Resp: 278234
Ion Ratio Lower Upper
112 100
64 57.4 48.2 72.2
63 30.9 25.7 38.5

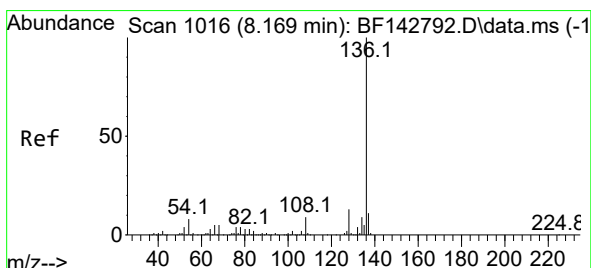
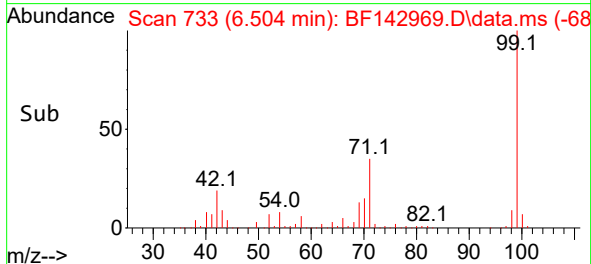
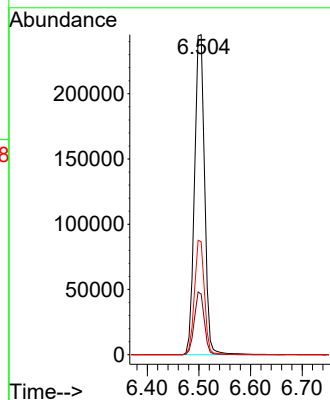
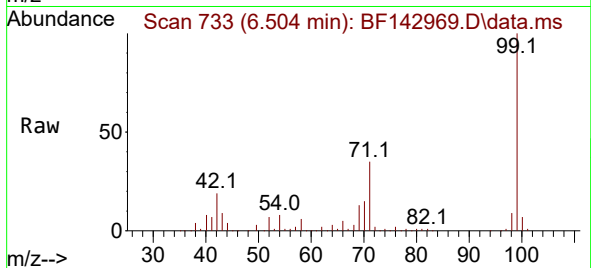




#7
Phenol-d6
Concen: 88.625 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142969.D
Acq: 02 Jul 2025 14:17

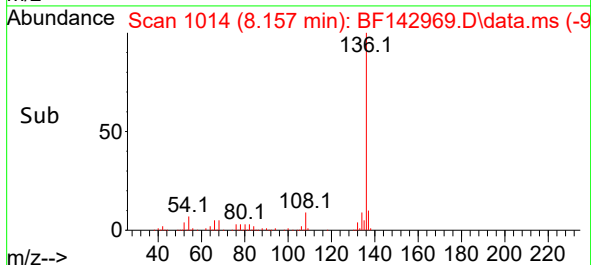
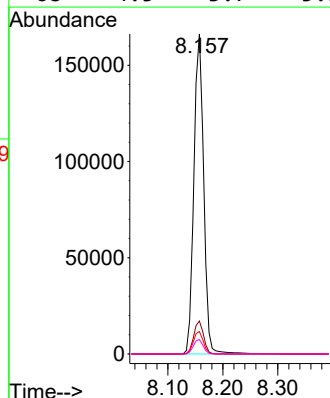
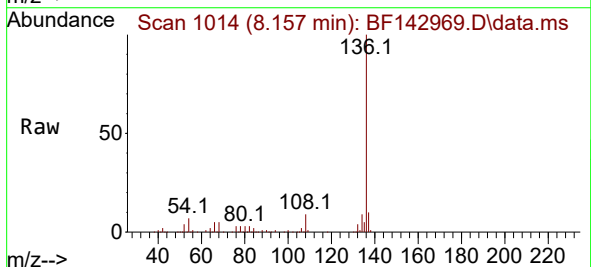
Instrument :
BNA_F
ClientSampleId :
TP-67

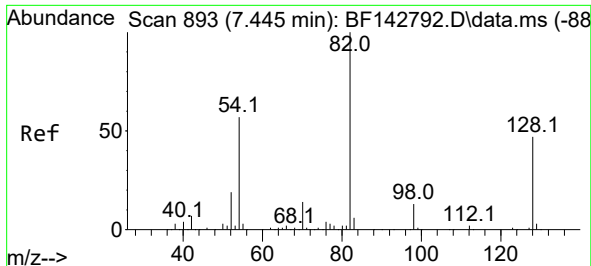
Tgt Ion: 99 Resp: 332882
Ion Ratio Lower Upper
99 100
42 18.9 15.9 23.9
71 35.3 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142969.D
Acq: 02 Jul 2025 14:17

Tgt Ion: 136 Resp: 205773
Ion Ratio Lower Upper
136 100
137 10.3 8.4 12.6
54 7.0 6.3 9.5
68 4.5 3.7 5.5





#23

Nitrobenzene-d5

Concen: 53.734 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.011 min

Lab File: BF142969.D

Acq: 02 Jul 2025 14:17

Instrument :

BNA_F

ClientSampleId :

TP-67

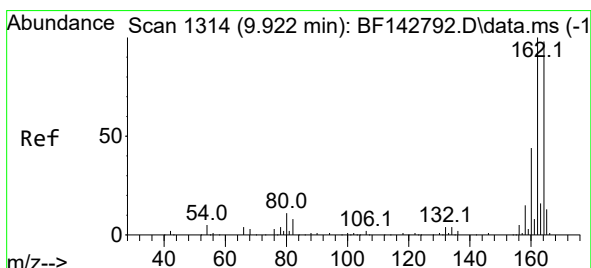
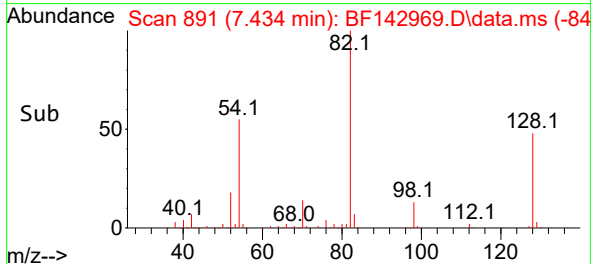
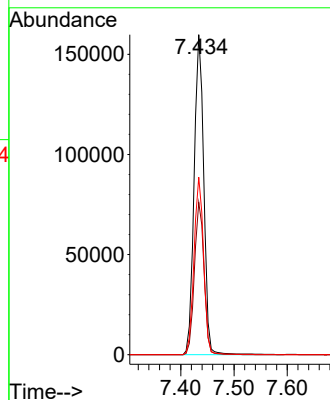
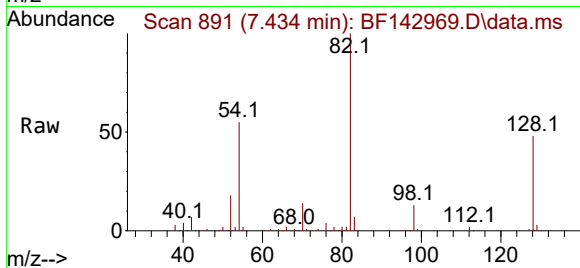
Tgt Ion: 82 Resp: 201582

Ion Ratio Lower Upper

82 100

128 47.6 37.7 56.5

54 55.4 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: BF142969.D

Acq: 02 Jul 2025 14:17

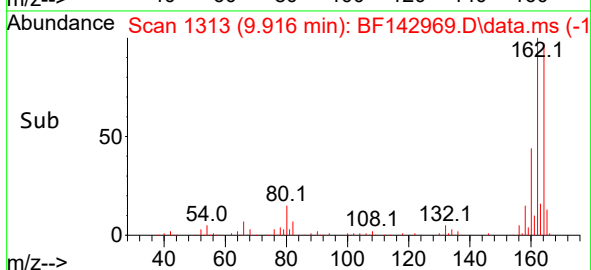
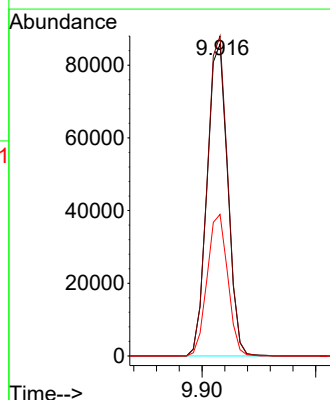
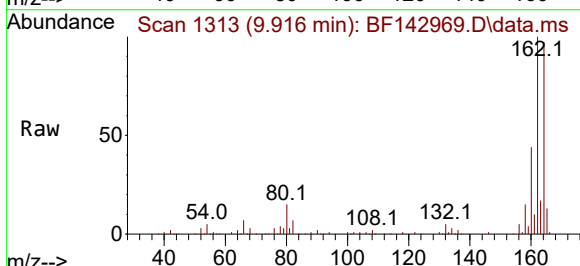
Tgt Ion:164 Resp: 107799

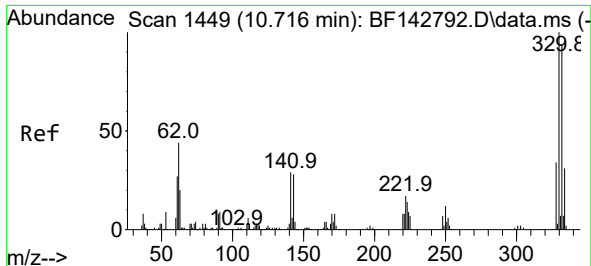
Ion Ratio Lower Upper

164 100

162 102.6 81.8 122.8

160 45.4 36.0 54.0

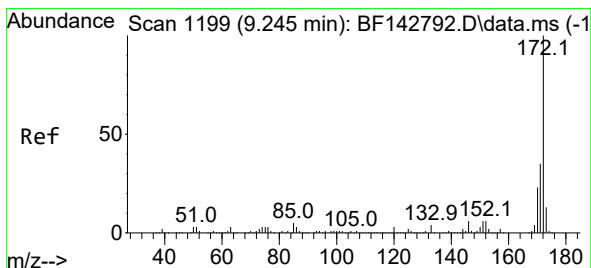
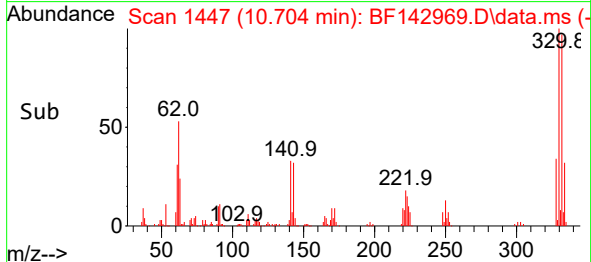
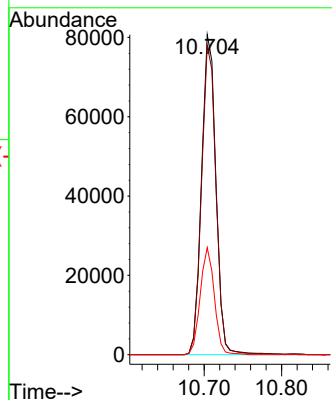
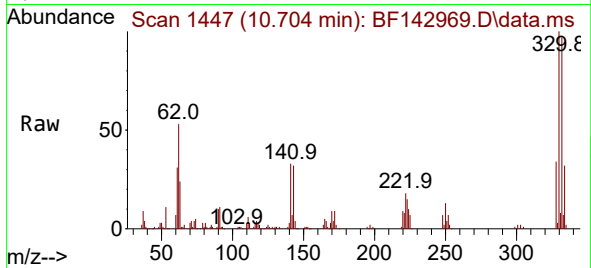




#42
2,4,6-Tribromophenol
Concen: 94.097 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF142969.D
Acq: 02 Jul 2025 14:17

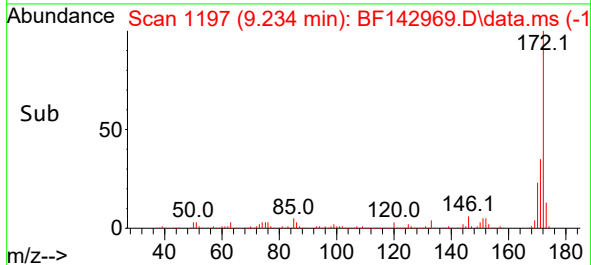
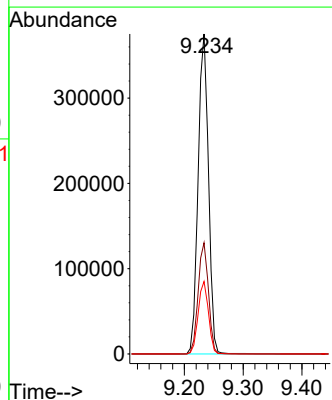
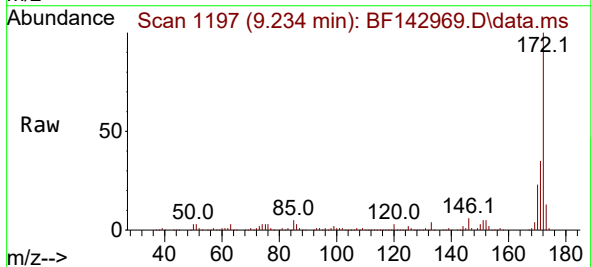
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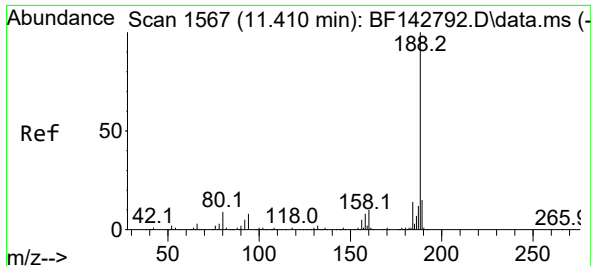
Tgt Ion:330 Resp: 104384
Ion Ratio Lower Upper
330 100
332 96.8 75.0 112.6
141 32.7 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 55.885 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.011 min
Lab File: BF142969.D
Acq: 02 Jul 2025 14:17

Tgt Ion:172 Resp: 458591
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 22.6 18.5 27.7

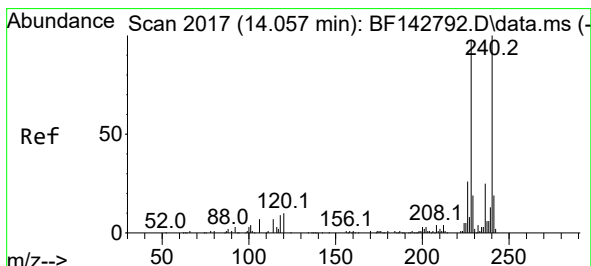
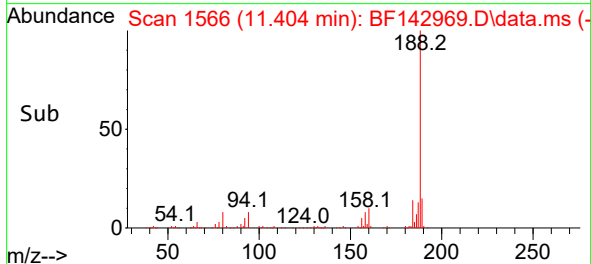
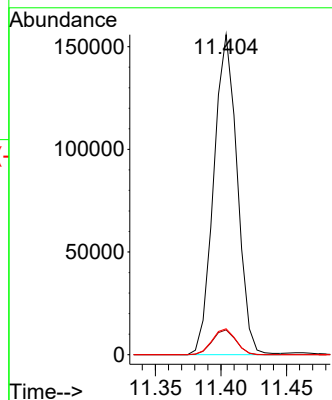
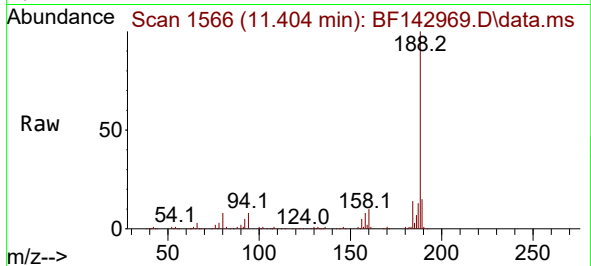




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142969.D
Acq: 02 Jul 2025 14:17

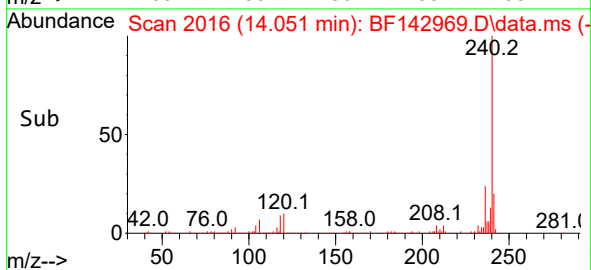
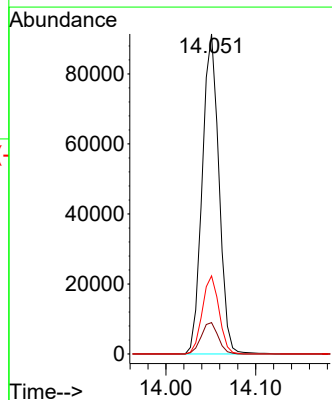
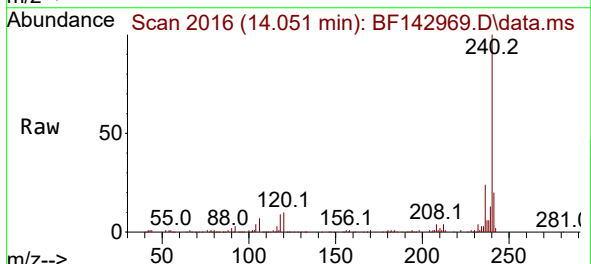
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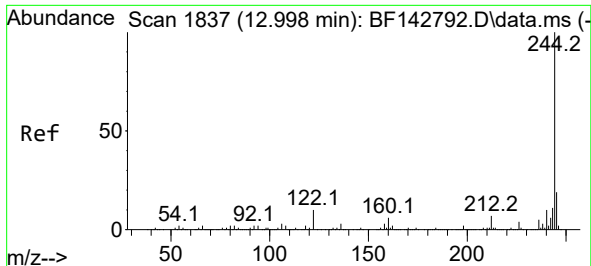
Tgt Ion:188 Resp: 193599
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 8.1 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142969.D
Acq: 02 Jul 2025 14:17

Tgt Ion:240 Resp: 117849
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.2
236 24.4 19.8 29.8

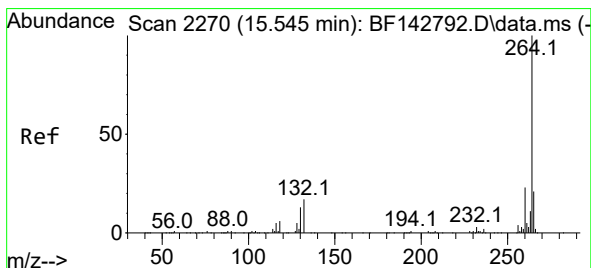
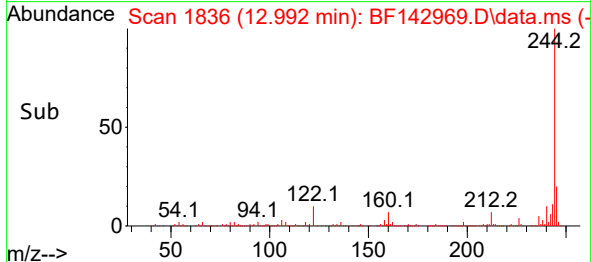
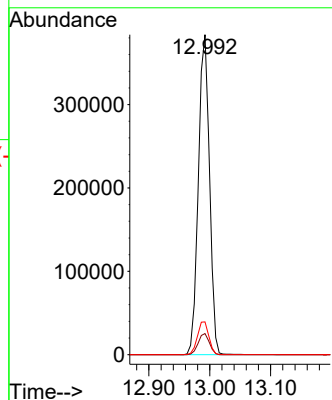
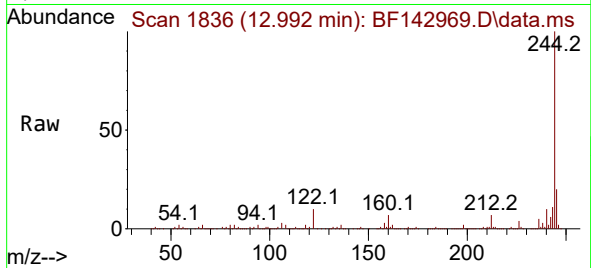




#79
 Terphenyl-d14
 Concen: 57.038 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142969.D
 Acq: 02 Jul 2025 14:17

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 486496
 Ion Ratio Lower Upper
 244 100
 212 6.6 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: BF142969.D
 Acq: 02 Jul 2025 14:17

Tgt Ion:264 Resp: 100982
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.1 27.1
 265 21.2 16.6 25.0

