

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
 Data File : BF142868.D
 Acq On : 26 Jun 2025 15:07
 Operator : RC/JU
 Sample : Q2399-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-7

Quant Time: Jun 26 15:37:42 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	82039	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	315871	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	168001	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	280063	20.000	ng	0.00
76) Chrysene-d12	14.051	240	138201	20.000	ng	0.00
86) Perylene-d12	15.539	264	162551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	549170	111.450	ng	0.02
7) Phenol-d6	6.504	99	587732	101.098	ng	0.00
23) Nitrobenzene-d5	7.439	82	461739	80.181	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	218361	126.305	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	976229	76.336	ng	-0.01
79) Terphenyl-d14	12.992	244	846621	84.643	ng	0.00

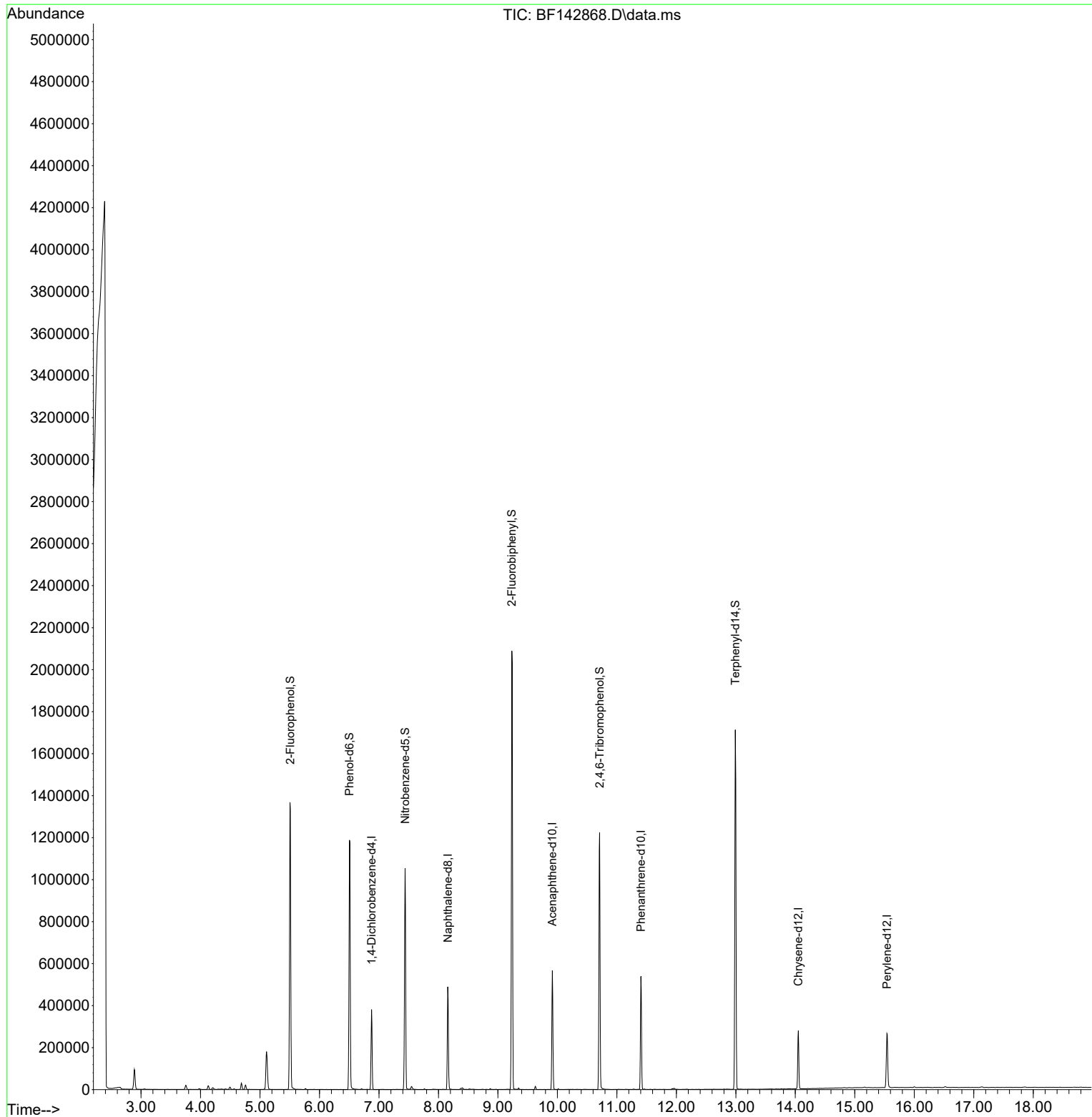
Target Compounds	Qvalue

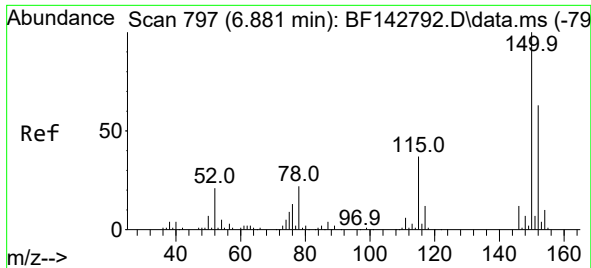
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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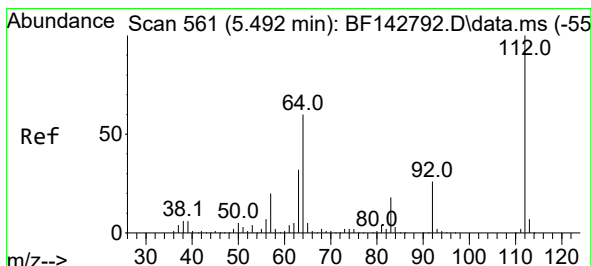
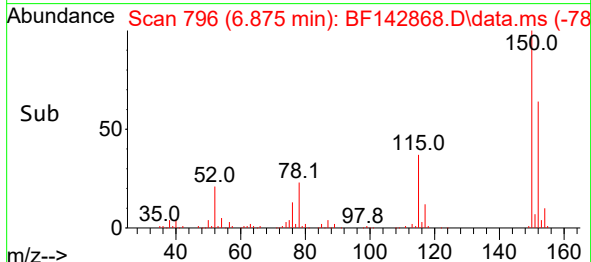
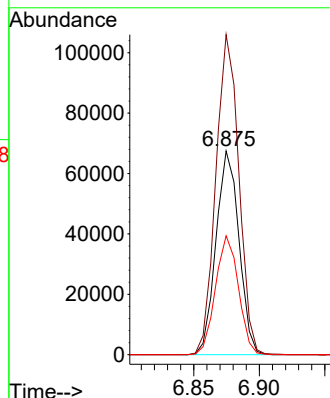
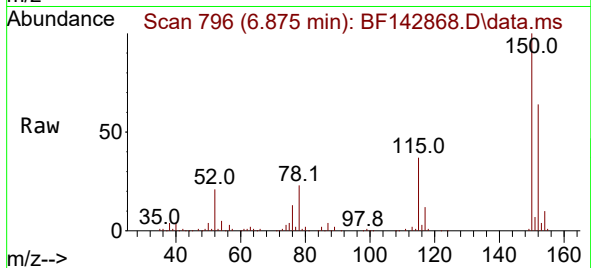




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142868.D
Acq: 26 Jun 2025 15:07

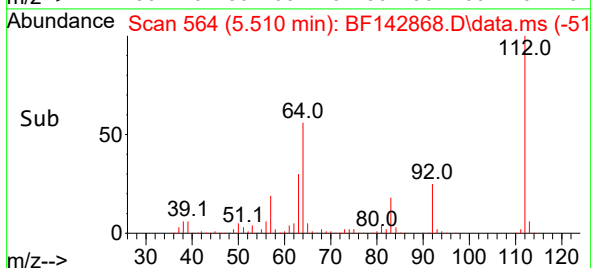
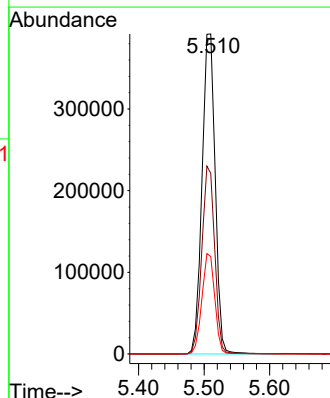
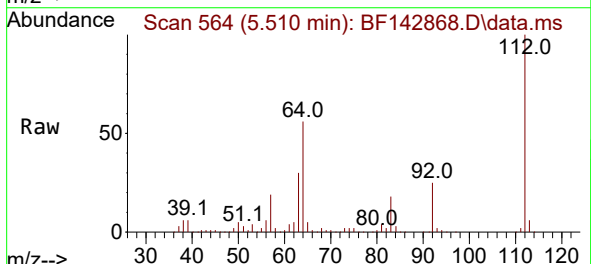
Instrument :
BNA_F
ClientSampleId :
EP-7

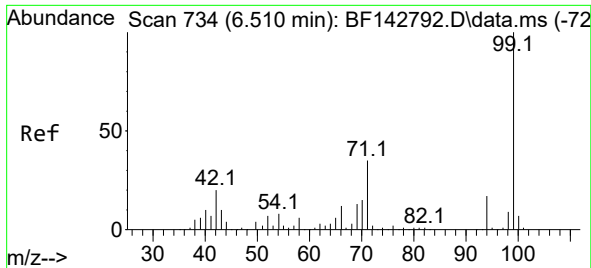
Tgt Ion:152 Resp: 82039
Ion Ratio Lower Upper
152 100
150 157.2 127.2 190.8
115 58.4 46.6 69.8



#5
2-Fluorophenol
Concen: 111.450 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF142868.D
Acq: 26 Jun 2025 15:07

Tgt Ion:112 Resp: 549170
Ion Ratio Lower Upper
112 100
64 56.5 48.2 72.2
63 30.4 25.7 38.5

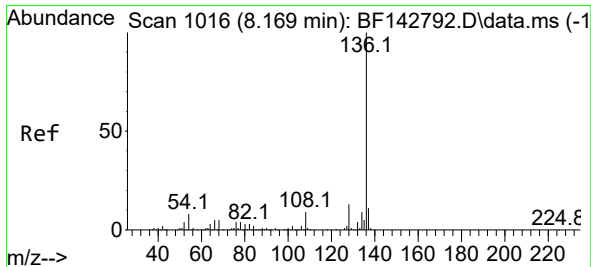
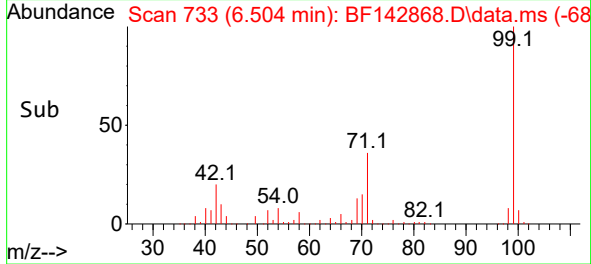
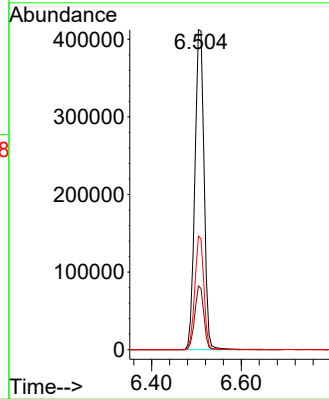
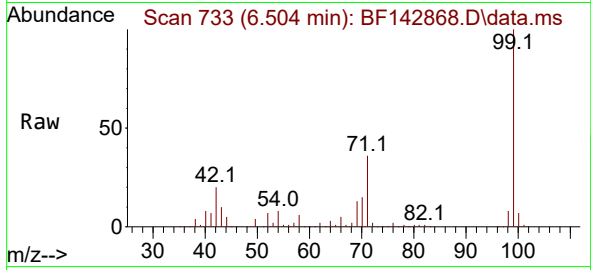




#7
Phenol-d6
Concen: 101.098 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142868.D
Acq: 26 Jun 2025 15:07

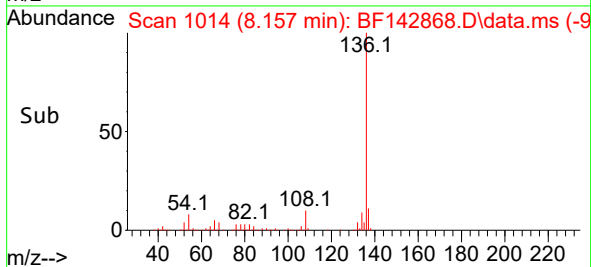
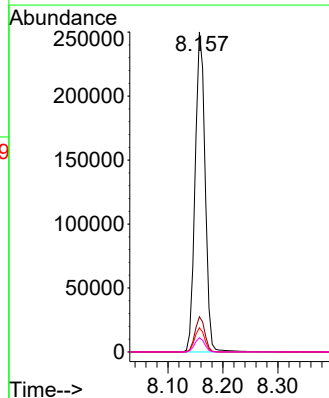
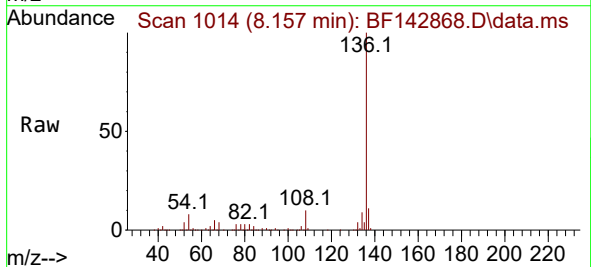
Instrument :
BNA_F
ClientSampleId :
EP-7

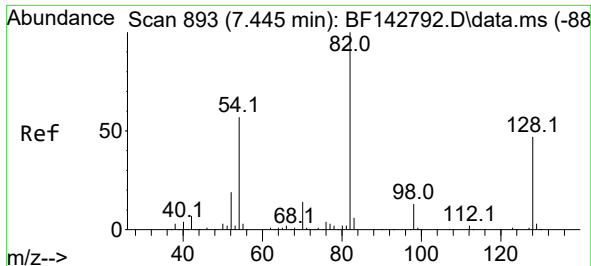
Tgt Ion: 99 Resp: 587732
Ion Ratio Lower Upper
99 100
42 19.9 15.9 23.9
71 35.5 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142868.D
Acq: 26 Jun 2025 15:07

Tgt Ion: 136 Resp: 315871
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.6 6.3 9.5
68 4.5 3.7 5.5





#23

Nitrobenzene-d5

Concen: 80.181 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142868.D

Acq: 26 Jun 2025 15:07

Instrument :

BNA_F

ClientSampleId :

EP-7

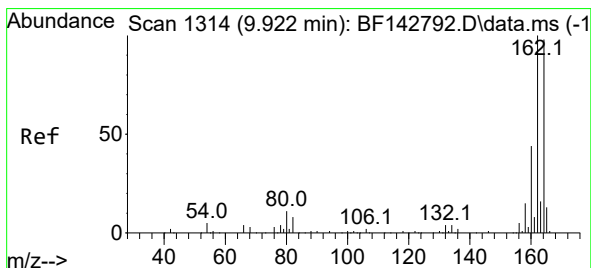
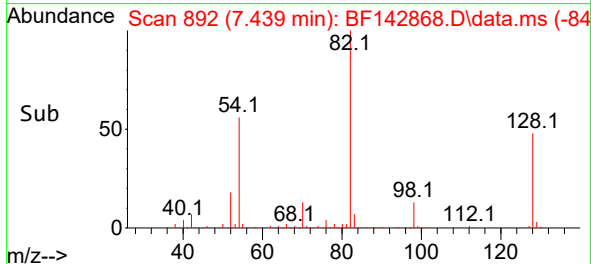
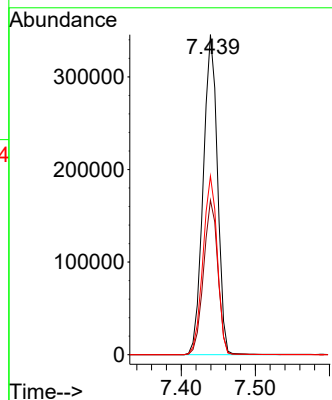
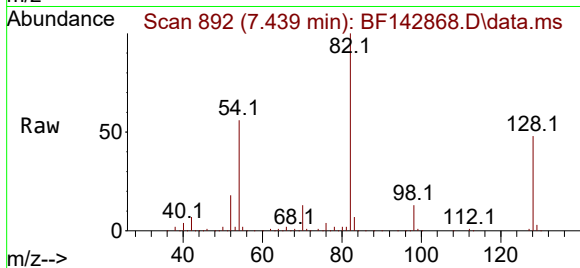
Tgt Ion: 82 Resp: 461739

Ion Ratio Lower Upper

82 100

128 48.2 37.7 56.5

54 55.8 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: BF142868.D

Acq: 26 Jun 2025 15:07

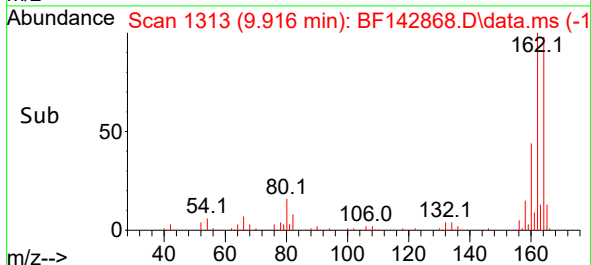
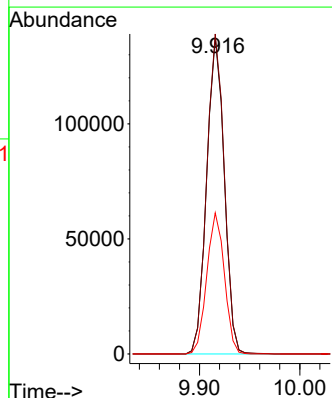
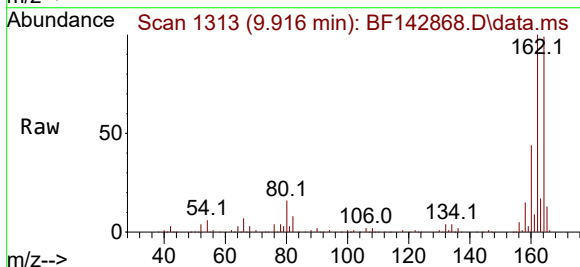
Tgt Ion:164 Resp: 168001

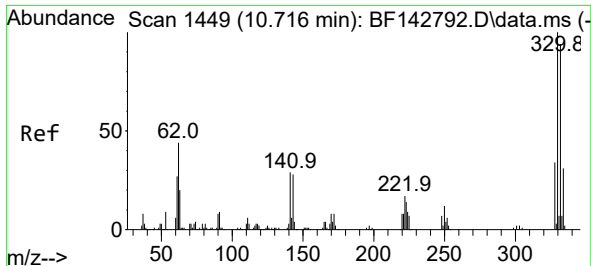
Ion Ratio Lower Upper

164 100

162 101.2 81.8 122.8

160 44.6 36.0 54.0

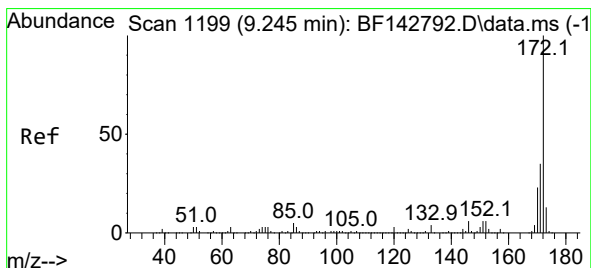
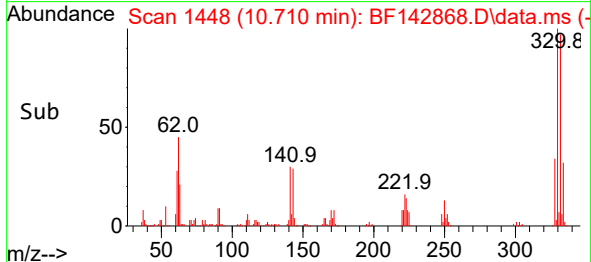
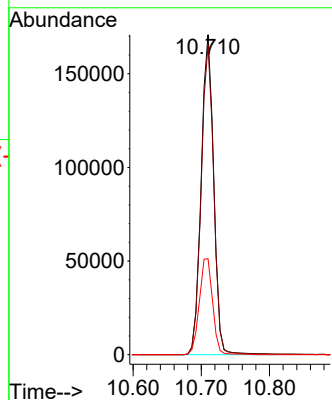
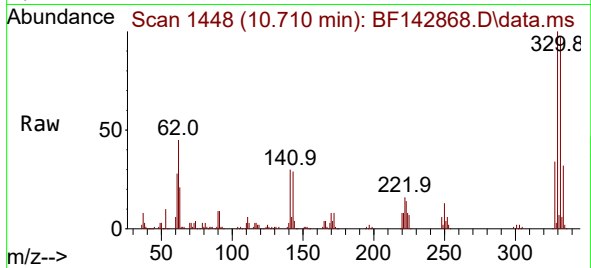




#42
2,4,6-Tribromophenol
Concen: 126.305 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142868.D
Acq: 26 Jun 2025 15:07

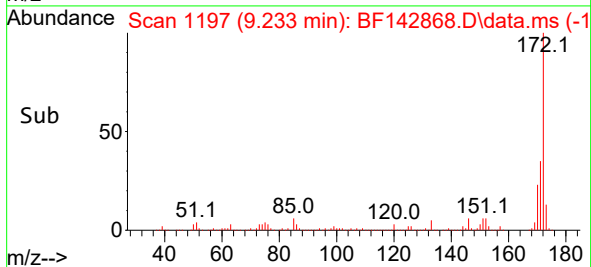
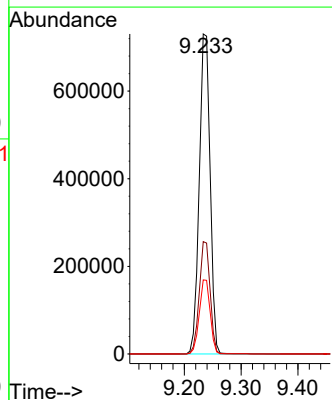
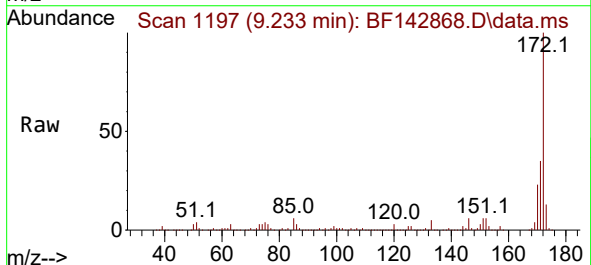
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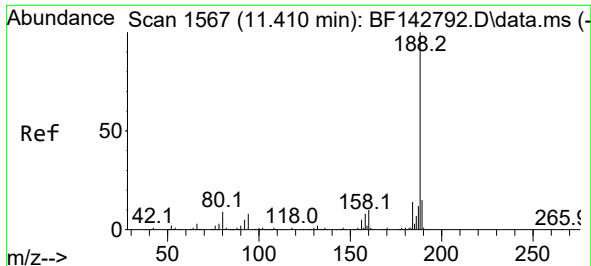
Tgt Ion: 330 Resp: 218361
Ion Ratio Lower Upper
330 100
332 97.1 75.0 112.6
141 31.8 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 76.336 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF142868.D
Acq: 26 Jun 2025 15:07

Tgt Ion: 172 Resp: 976229
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.2 18.5 27.7

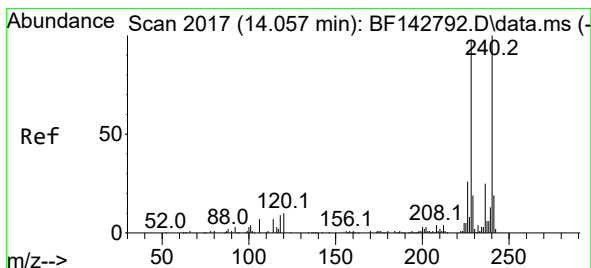
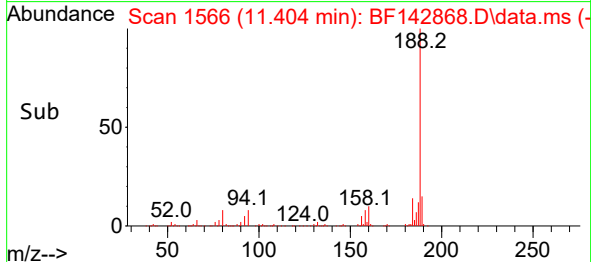
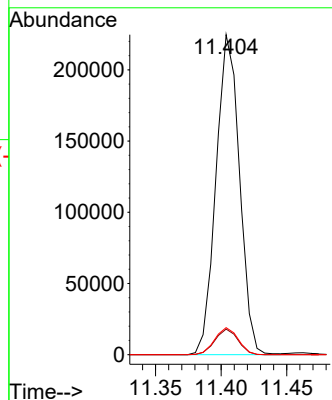
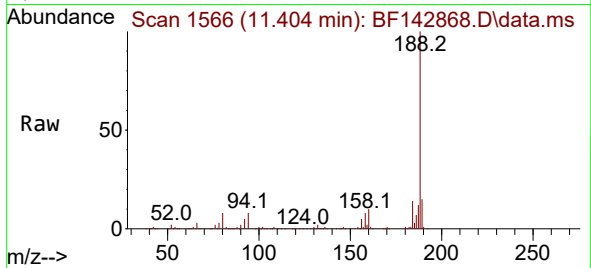




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142868.D
Acq: 26 Jun 2025 15:07

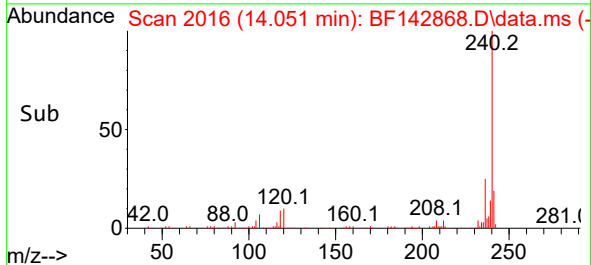
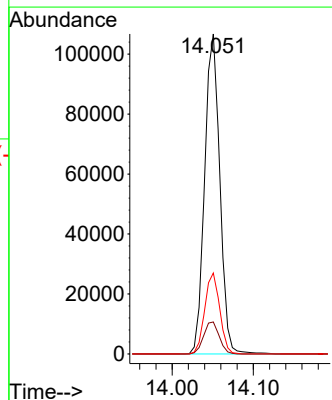
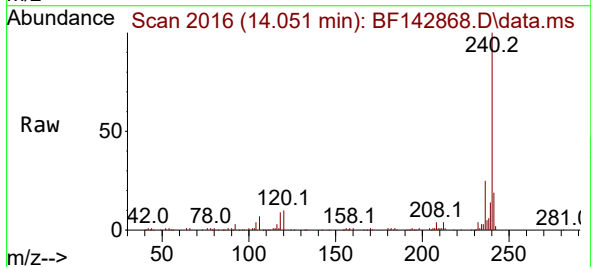
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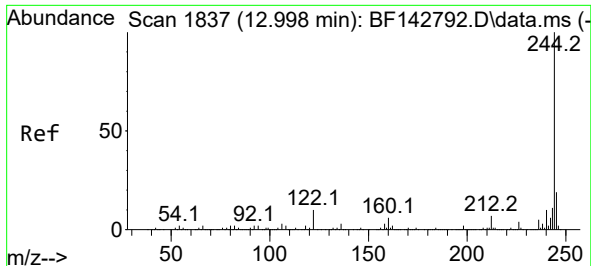
Tgt Ion:188 Resp: 280063
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.5 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142868.D
Acq: 26 Jun 2025 15:07

Tgt Ion:240 Resp: 138201
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 25.3 19.8 29.8

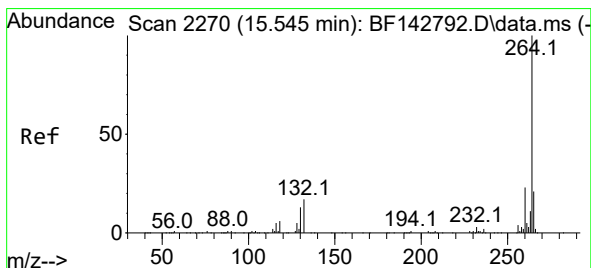
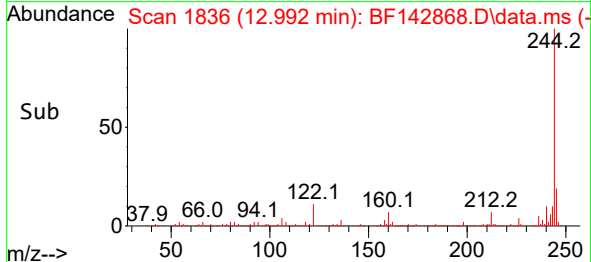
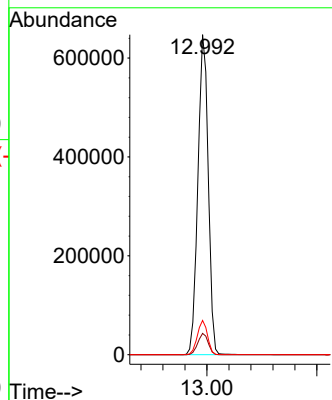
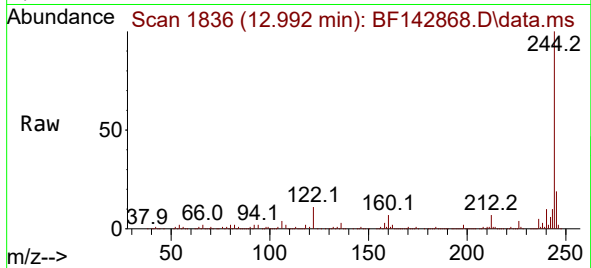




#79
 Terphenyl-d14
 Concen: 84.643 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142868.D
 Acq: 26 Jun 2025 15:07

Instrument :
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Tgt Ion:244 Resp: 846621
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.7 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF142868.D
 Acq: 26 Jun 2025 15:07

Tgt Ion:264 Resp: 162551
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.1 27.1
 265 21.5 16.6 25.0

