

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142721.D
 Acq On : 10 Jun 2025 21:47
 Operator : RC/JU
 Sample : PB168323BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168323BL

Quant Time: Jun 11 05:59:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	71862	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	283214	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	158697	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	290076	20.000	ng	0.00
76) Chrysene-d12	14.069	240	182414	20.000	ng	0.00
86) Perylene-d12	15.563	264	137447	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	581086	137.718	ng	0.02
7) Phenol-d6	6.516	99	683769	137.702	ng	0.00
23) Nitrobenzene-d5	7.451	82	433835	83.833	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	247811	142.478	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	983642	82.347	ng	0.00
79) Terphenyl-d14	13.016	244	1051533	79.173	ng	0.00

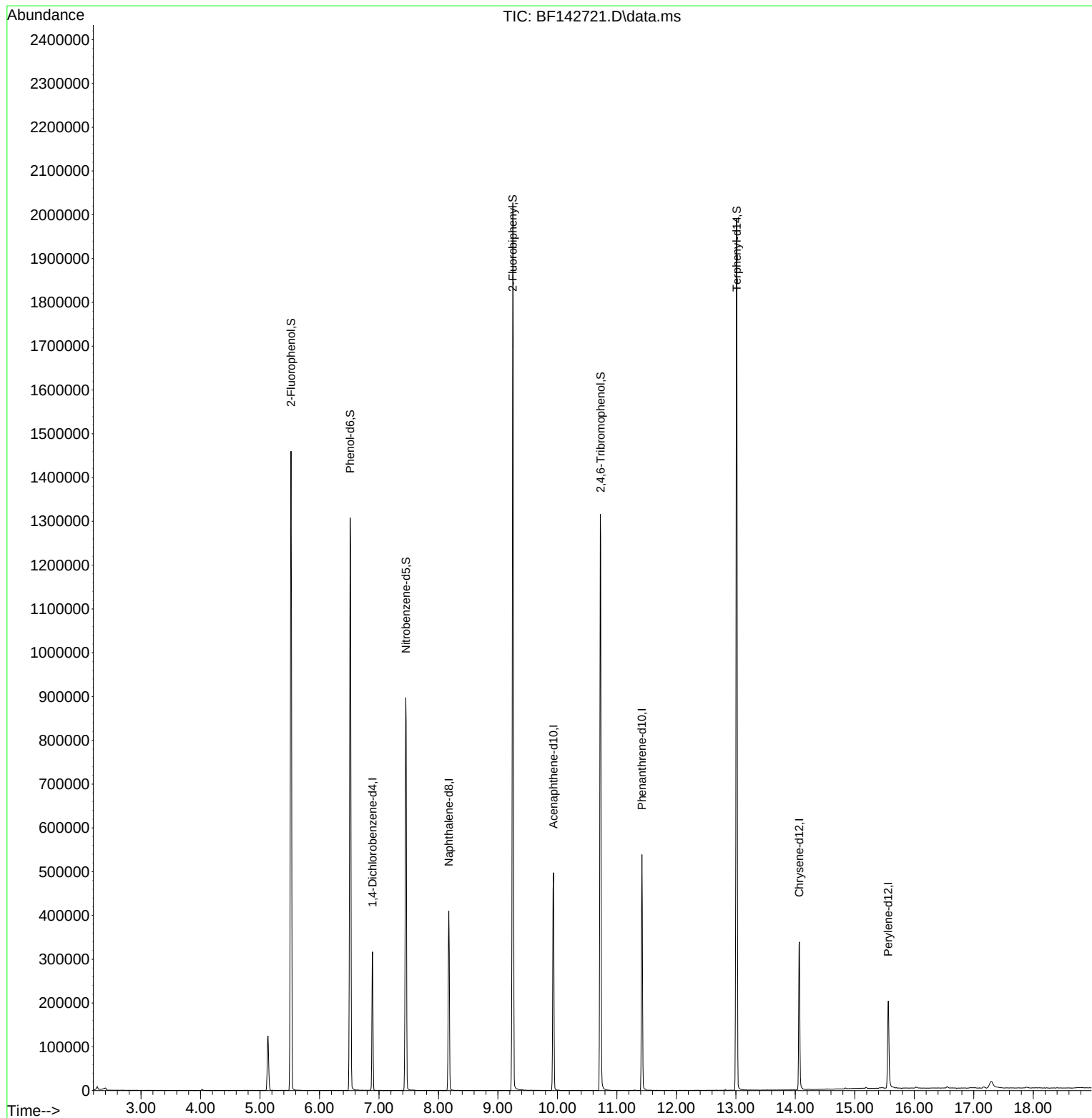
Target Compounds	Qvalue

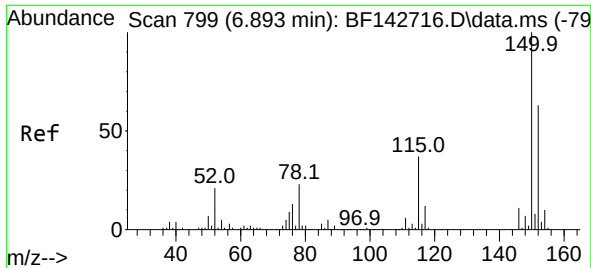
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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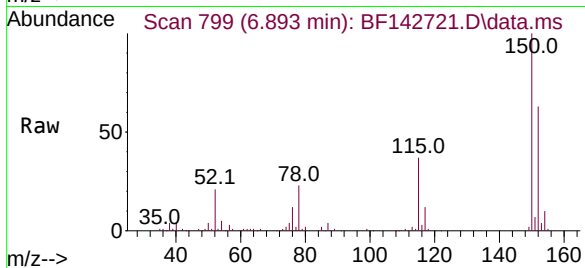
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
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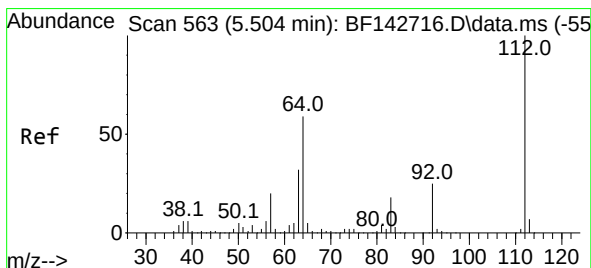
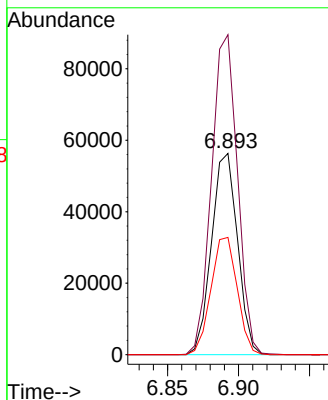
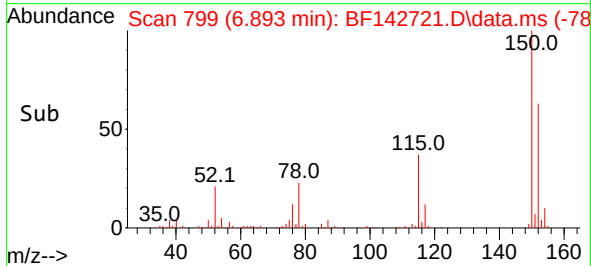


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: BF142721.D
 Acq: 10 Jun 2025 21:47

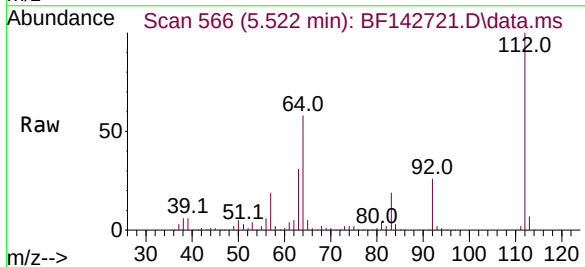
Instrument :
 BNA_F
 ClientSampleId :
 PB168323BL



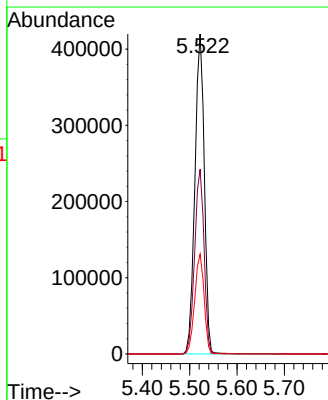
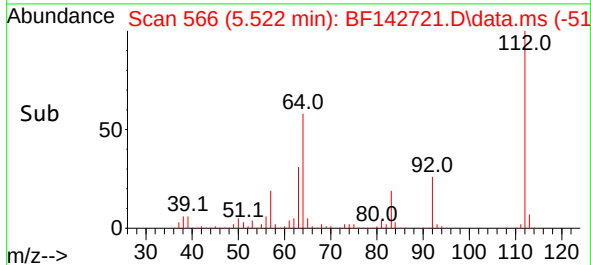
Tgt Ion:152 Resp: 71862
 Ion Ratio Lower Upper
 152 100
 150 159.0 126.9 190.3
 115 58.3 47.0 70.6

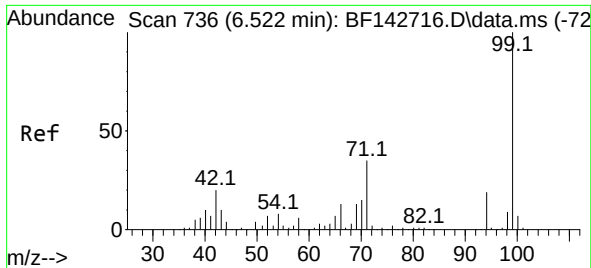


#5
 2-Fluorophenol
 Concen: 137.718 ng
 RT: 5.522 min Scan# 566
 Delta R.T. 0.018 min
 Lab File: BF142721.D
 Acq: 10 Jun 2025 21:47



Tgt Ion:112 Resp: 581086
 Ion Ratio Lower Upper
 112 100
 64 57.7 47.4 71.2
 63 31.2 25.4 38.0

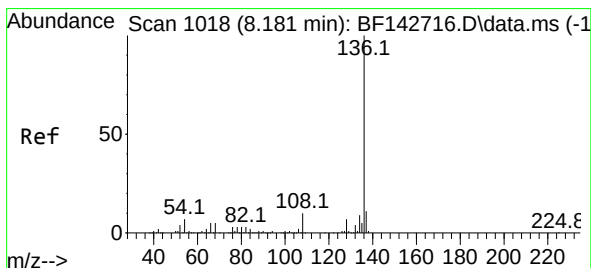
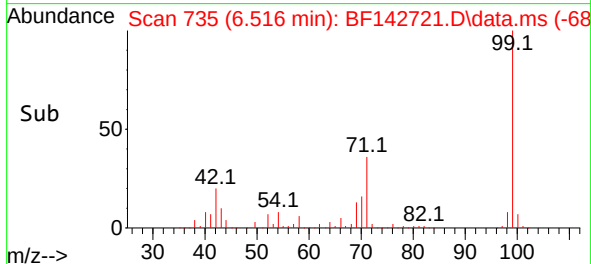
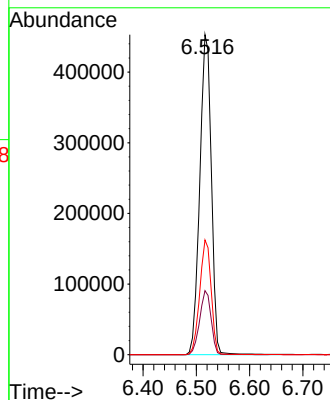
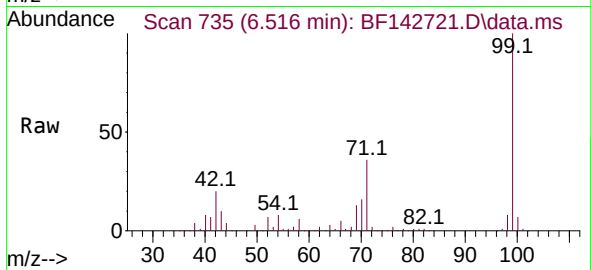




#7
Phenol-d6
Concen: 137.702 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142721.D
Acq: 10 Jun 2025 21:47

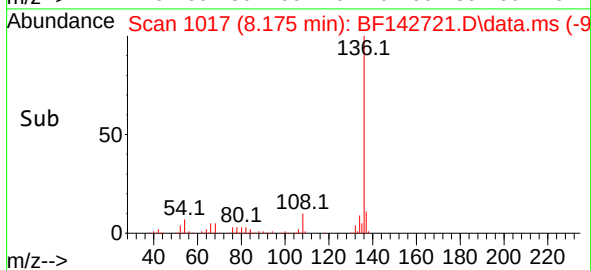
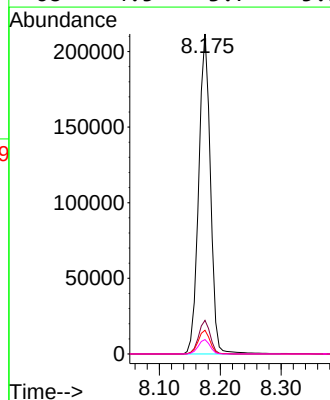
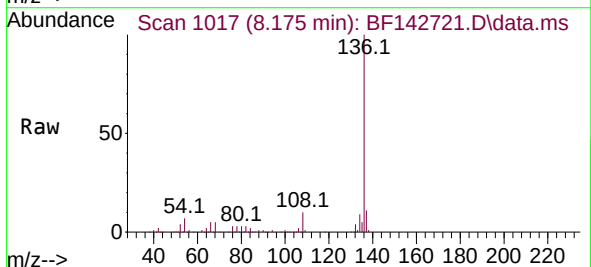
Instrument :
BNA_F
ClientSampleId :
PB168323BL

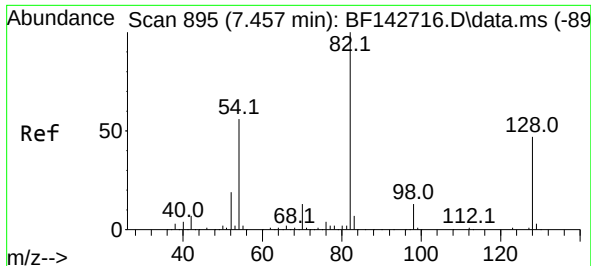
Tgt Ion: 99 Resp: 683769
Ion Ratio Lower Upper
99 100
42 20.0 15.9 23.9
71 35.9 28.0 42.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF142721.D
Acq: 10 Jun 2025 21:47

Tgt Ion: 136 Resp: 283214
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 7.4 5.9 8.9
68 4.5 3.7 5.5





#23

Nitrobenzene-d5

Concen: 83.833 ng

RT: 7.451 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142721.D

Acq: 10 Jun 2025 21:47

Instrument :

BNA_F

ClientSampleId :

PB168323BL

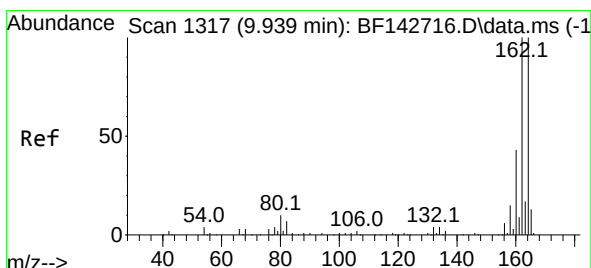
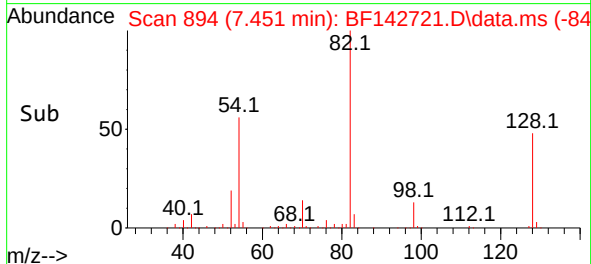
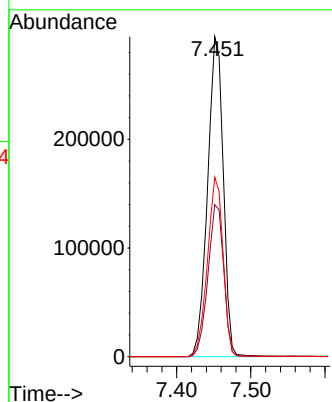
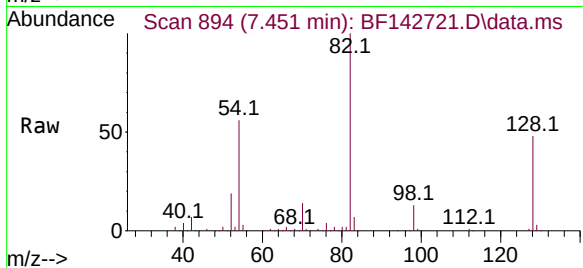
Tgt Ion: 82 Resp: 433835

Ion Ratio Lower Upper

82 100

128 47.5 37.8 56.8

54 56.1 44.9 67.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF142721.D

Acq: 10 Jun 2025 21:47

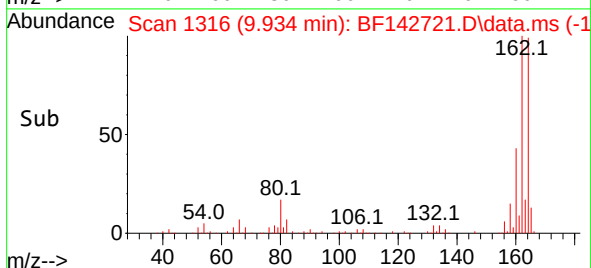
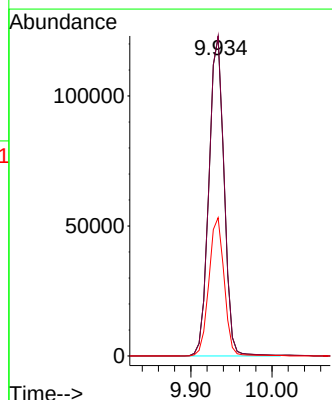
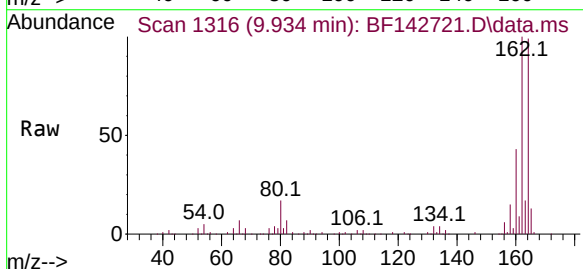
Tgt Ion:164 Resp: 158697

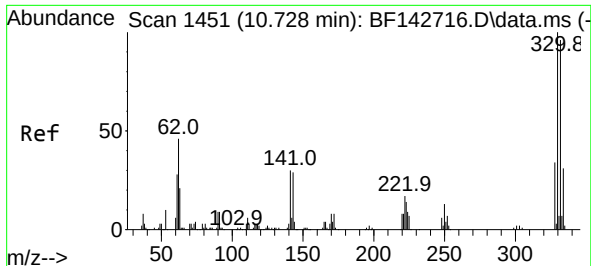
Ion Ratio Lower Upper

164 100

162 100.5 79.9 119.9

160 43.5 34.8 52.2

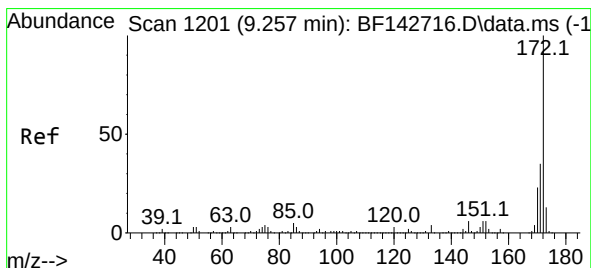
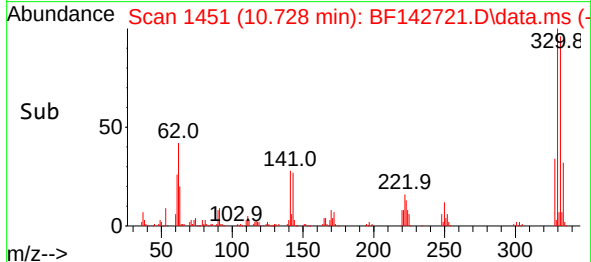
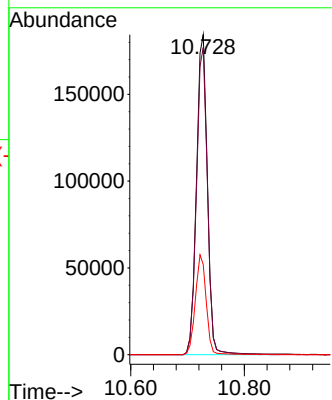
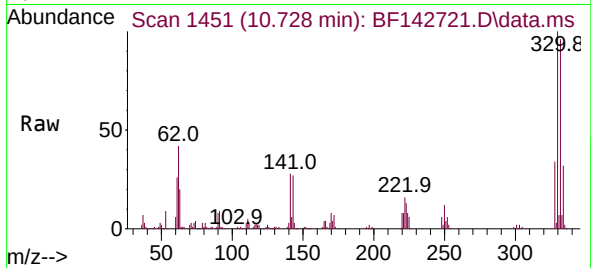




#42
2,4,6-Tribromophenol
Concen: 142.478 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF142721.D
Acq: 10 Jun 2025 21:47

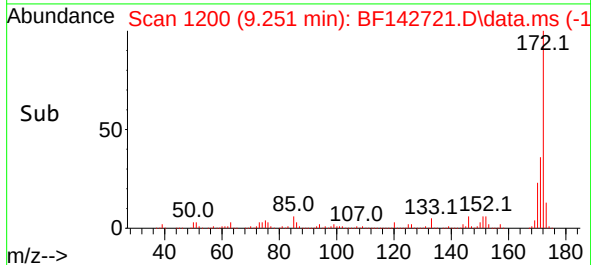
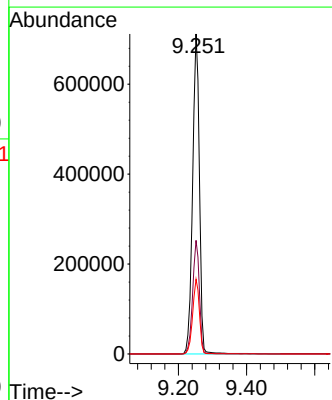
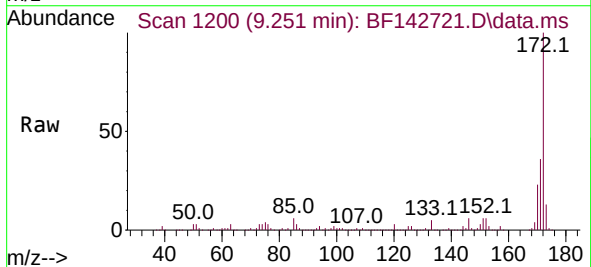
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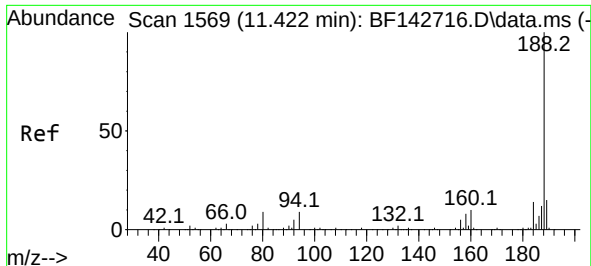
Tgt Ion:330 Resp: 247811
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 31.0 25.4 38.0



#45
2-Fluorobiphenyl
Concen: 82.347 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF142721.D
Acq: 10 Jun 2025 21:47

Tgt Ion:172 Resp: 983642
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.4 18.6 27.8

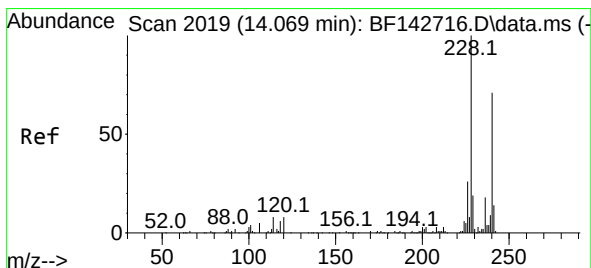
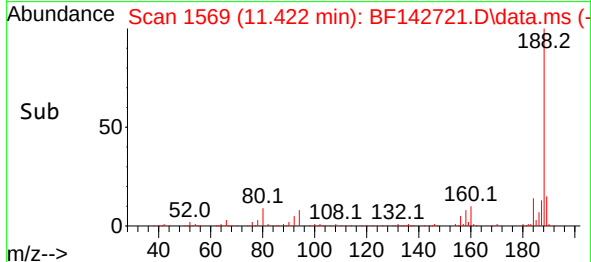
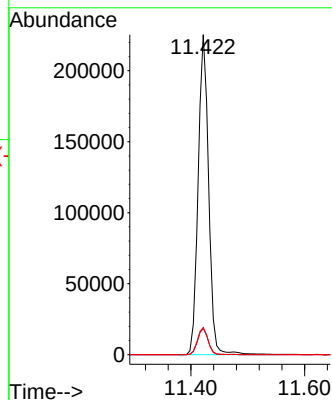
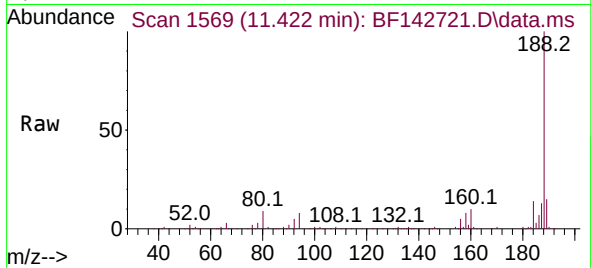




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF142721.D
Acq: 10 Jun 2025 21:47

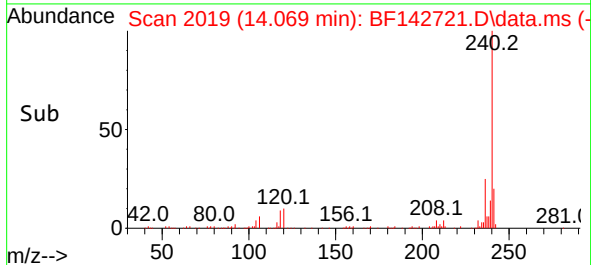
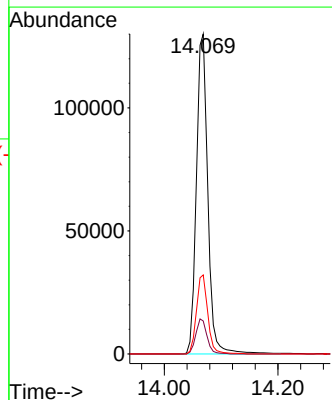
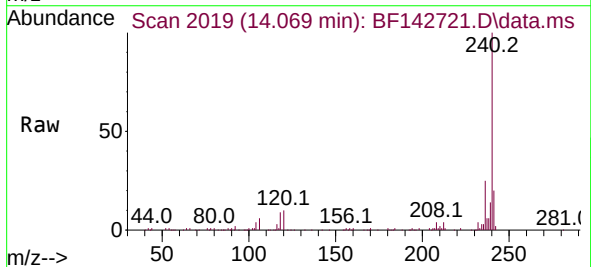
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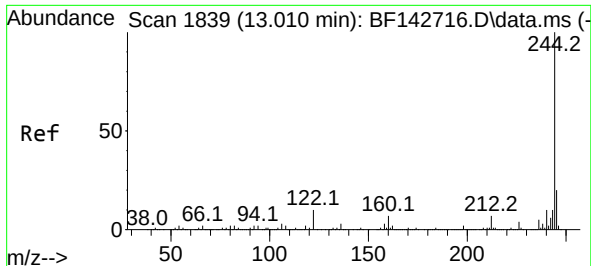
Tgt Ion:188 Resp: 290076
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 8.5 7.1 10.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142721.D
Acq: 10 Jun 2025 21:47

Tgt Ion:240 Resp: 182414
Ion Ratio Lower Upper
240 100
120 10.3 8.5 12.7
236 24.7 20.1 30.1

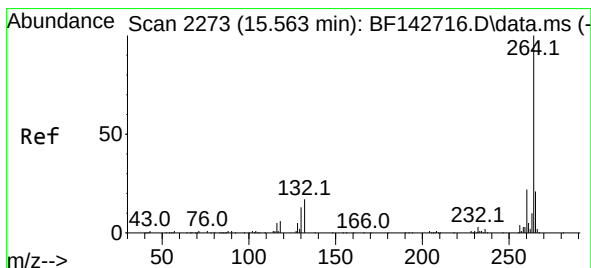
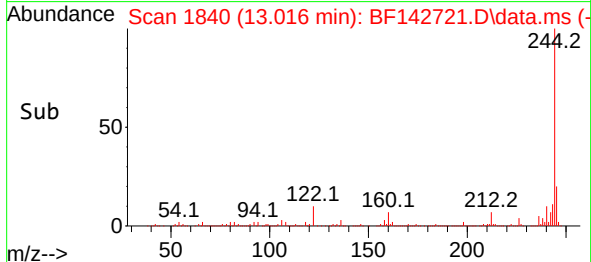
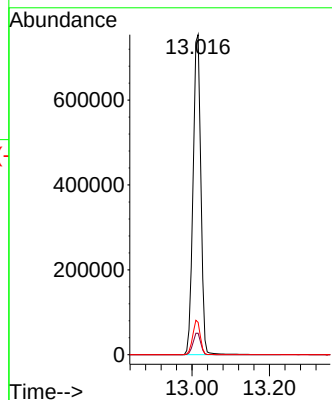
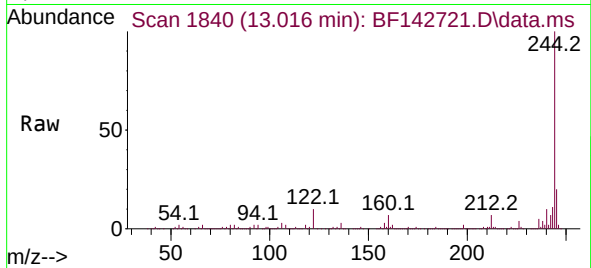




#79
 Terphenyl-d14
 Concen: 79.173 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. 0.006 min
 Lab File: BF142721.D
 Acq: 10 Jun 2025 21:47

Instrument :
 BNA_F
 ClientSampleId :
 PB168323BL

Tgt Ion:244 Resp: 1051533
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.1 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2273
 Delta R.T. 0.000 min
 Lab File: BF142721.D
 Acq: 10 Jun 2025 21:47

Tgt Ion:264 Resp: 137447
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.8 26.6
 265 21.1 16.6 25.0

