

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
 Data File : BF142858.D
 Acq On : 26 Jun 2025 10:08
 Operator : RC/JU
 Sample : PB168610BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168610BL

Quant Time: Jun 26 11:56:06 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	86147	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	334021	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	181418	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	317100	20.000	ng	0.00
76) Chrysene-d12	14.051	240	205968	20.000	ng	0.00
86) Perylene-d12	15.545	264	169254	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	657205	127.015	ng	0.01
7) Phenol-d6	6.504	99	759658	124.441	ng	0.00
23) Nitrobenzene-d5	7.440	82	485282	79.690	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	251252	134.581	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1049339	75.984	ng	0.00
79) Terphenyl-d14	12.998	244	1117820	74.987	ng	0.00

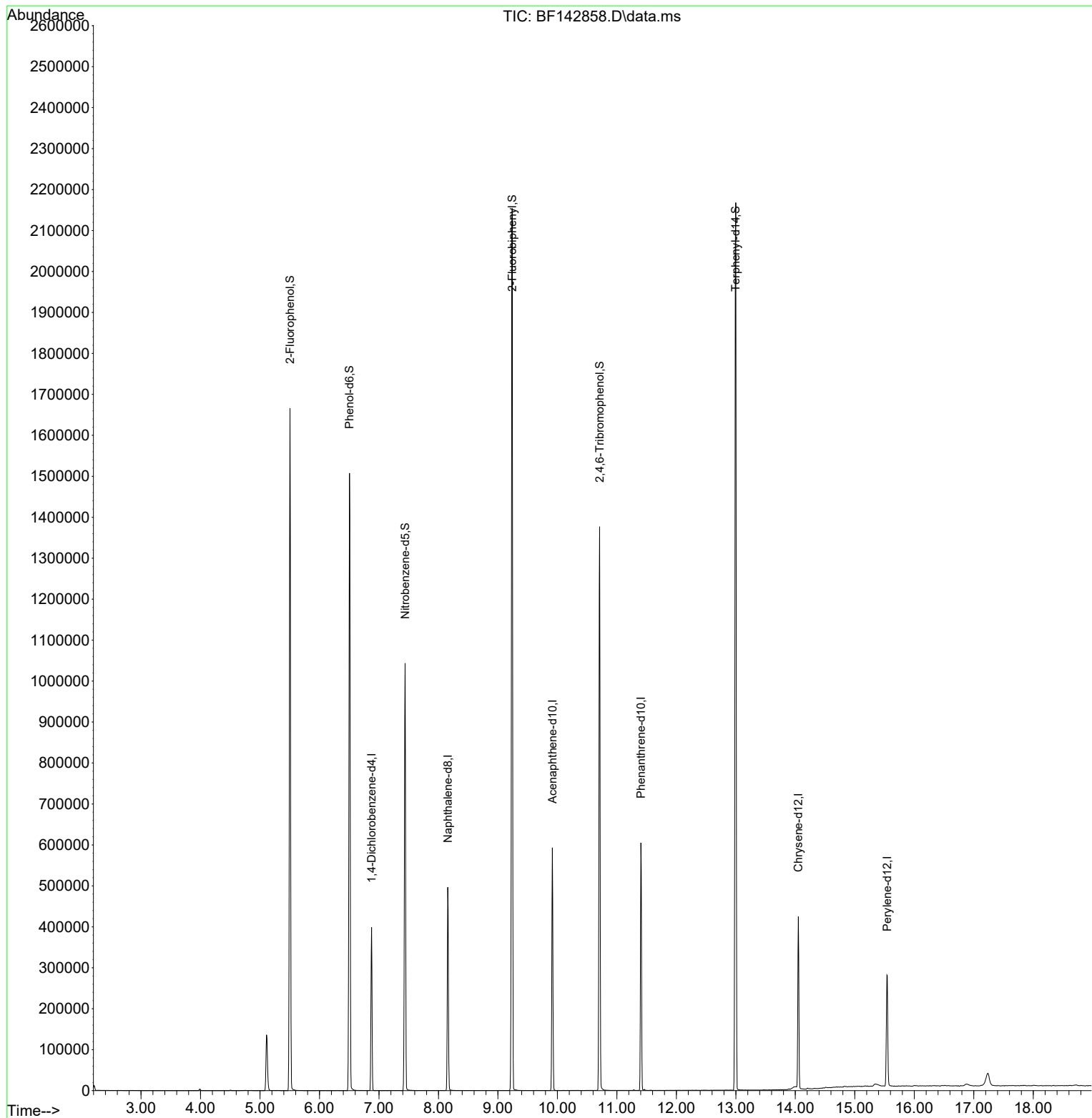
Target Compounds	Qvalue

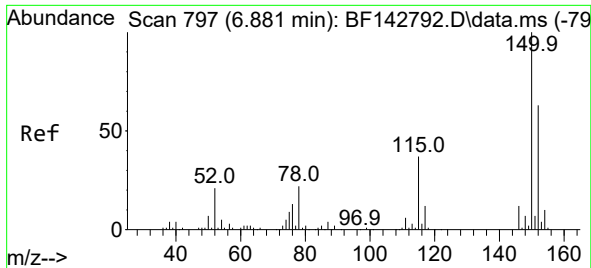
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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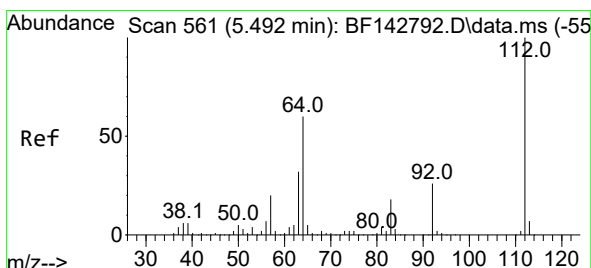
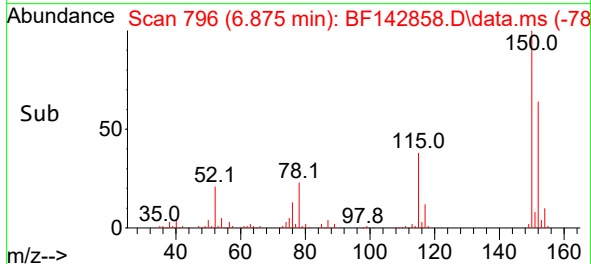
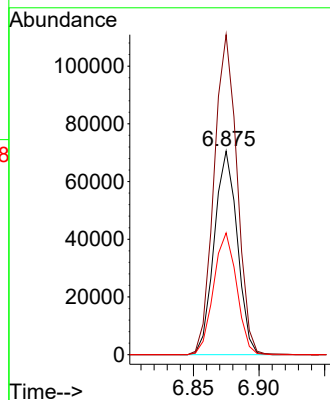
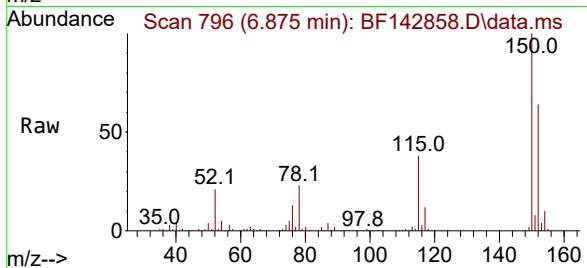




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142858.D
Acq: 26 Jun 2025 10:08

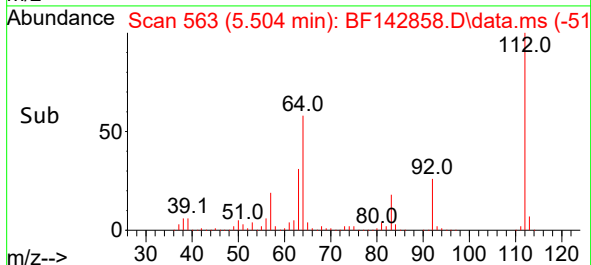
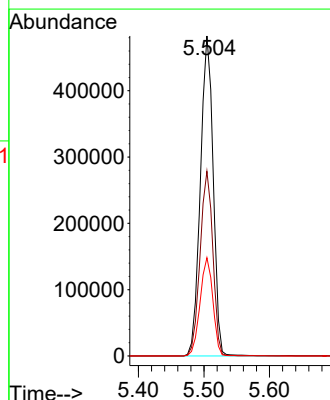
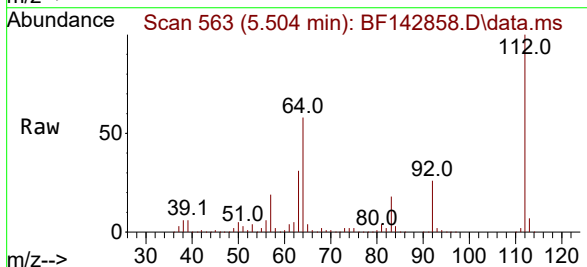
Instrument :
BNA_F
ClientSampleId :
PB168610BL

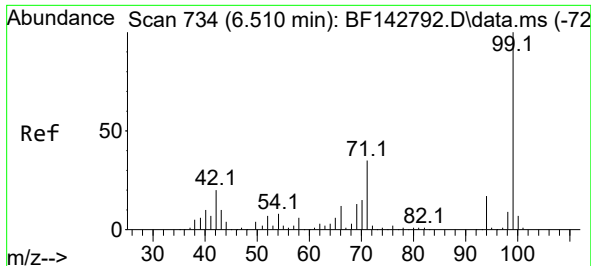
Tgt Ion:152 Resp: 86147
Ion Ratio Lower Upper
152 100
150 157.2 127.2 190.8
115 59.8 46.6 69.8



#5
2-Fluorophenol
Concen: 127.015 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF142858.D
Acq: 26 Jun 2025 10:08

Tgt Ion:112 Resp: 657205
Ion Ratio Lower Upper
112 100
64 57.7 48.2 72.2
63 30.7 25.7 38.5

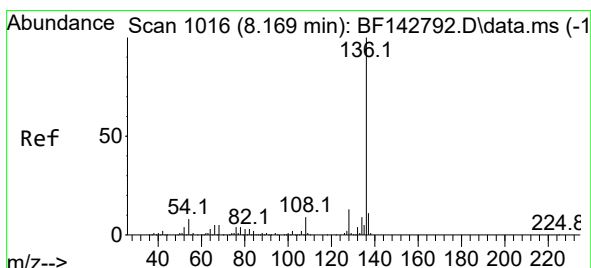
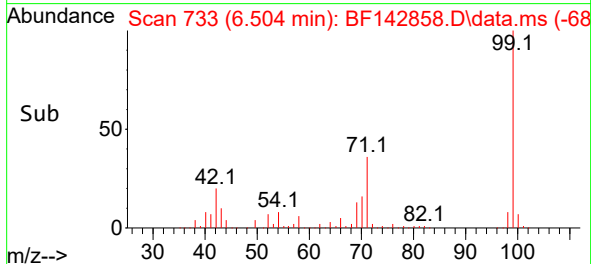
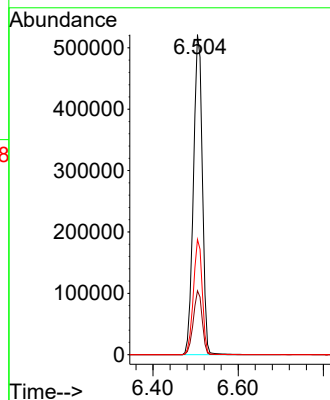
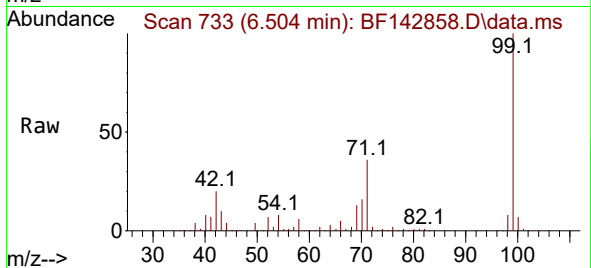




#7
Phenol-d6
Concen: 124.441 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142858.D
Acq: 26 Jun 2025 10:08

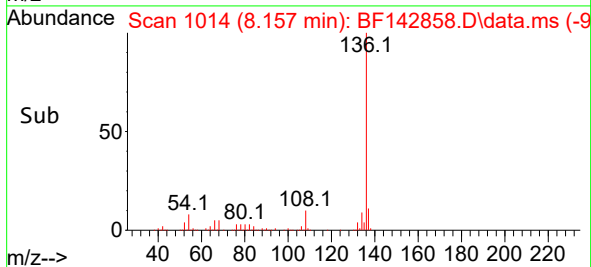
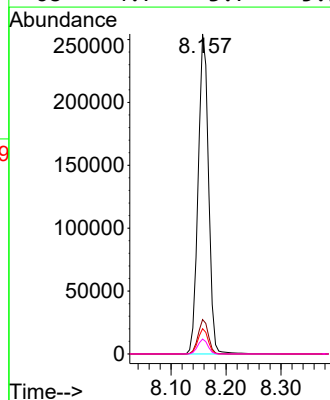
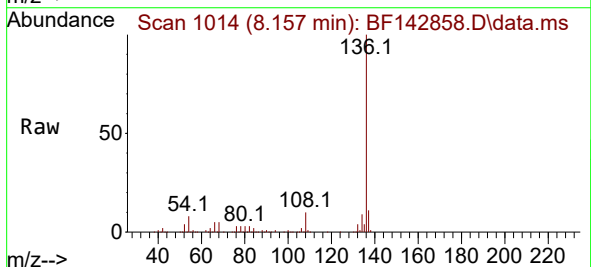
Instrument :
BNA_F
ClientSampleId :
PB168610BL

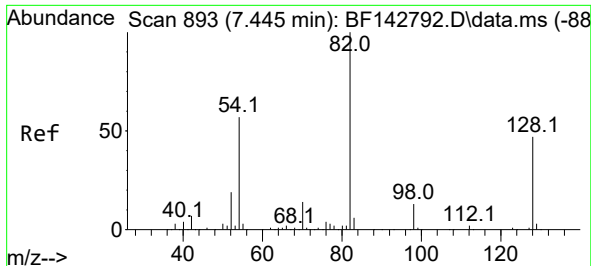
Tgt Ion: 99 Resp: 759658
Ion Ratio Lower Upper
99 100
42 19.9 15.9 23.9
71 36.0 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142858.D
Acq: 26 Jun 2025 10:08

Tgt Ion: 136 Resp: 334021
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.9 6.3 9.5
68 4.7 3.7 5.5

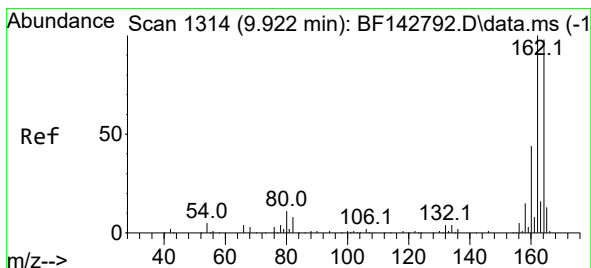
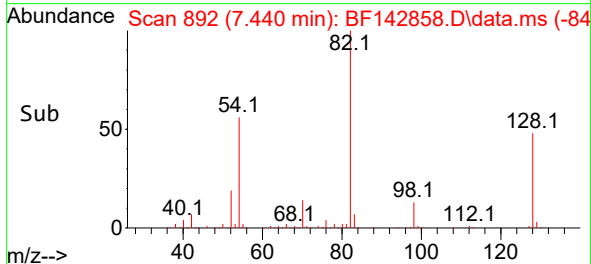
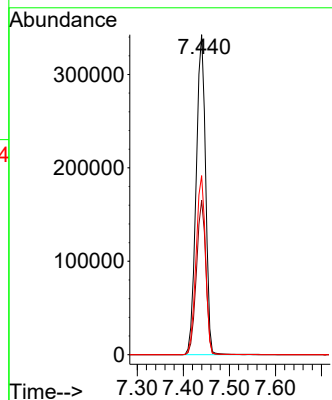
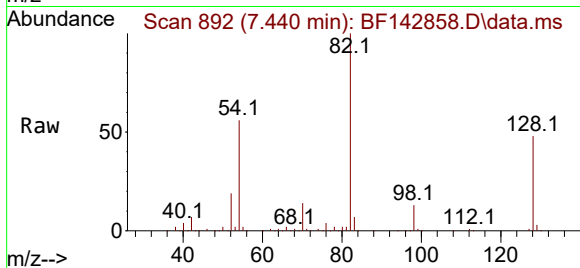




#23
Nitrobenzene-d5
Concen: 79.690 ng
RT: 7.440 min Scan# 893
Delta R.T. -0.005 min
Lab File: BF142858.D
Acq: 26 Jun 2025 10:08

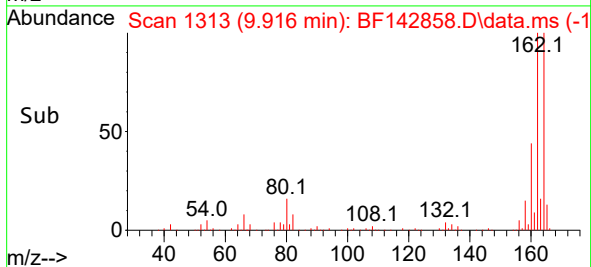
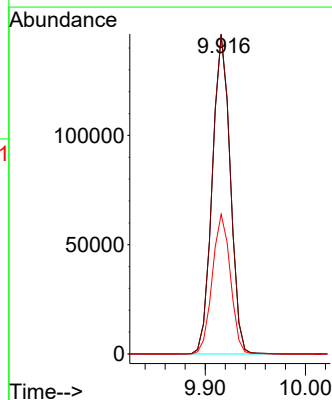
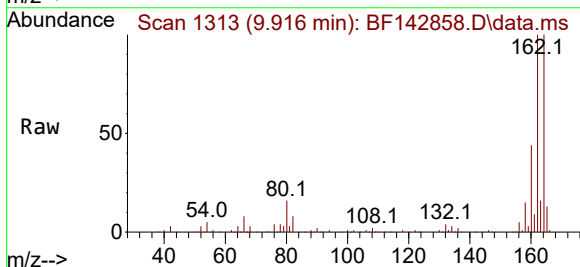
Instrument :
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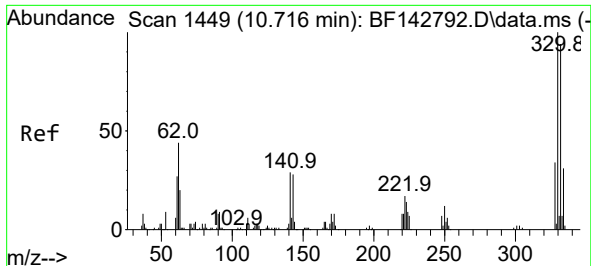
Tgt Ion: 82 Resp: 485282
Ion Ratio Lower Upper
82 100
128 48.2 37.7 56.5
54 55.9 45.7 68.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF142858.D
Acq: 26 Jun 2025 10:08

Tgt Ion:164 Resp: 181418
Ion Ratio Lower Upper
164 100
162 100.4 81.8 122.8
160 43.9 36.0 54.0

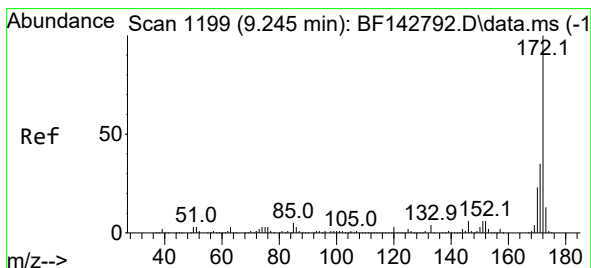
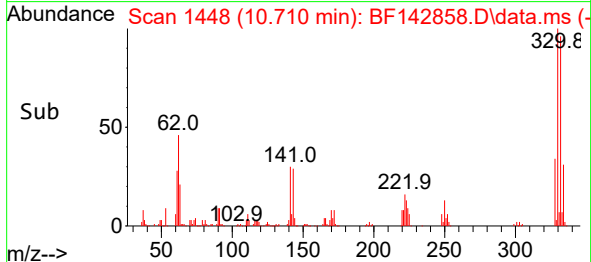
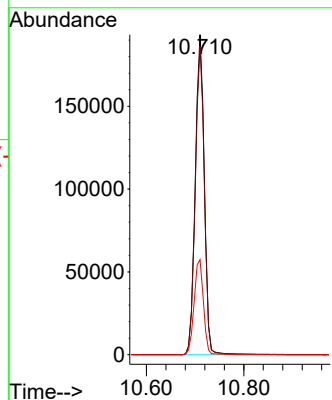
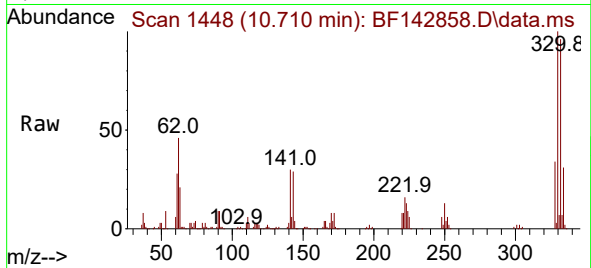




#42
2,4,6-Tribromophenol
Concen: 134.581 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142858.D
Acq: 26 Jun 2025 10:08

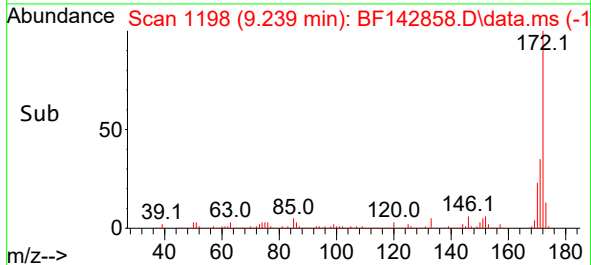
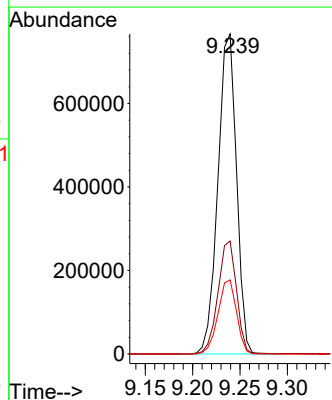
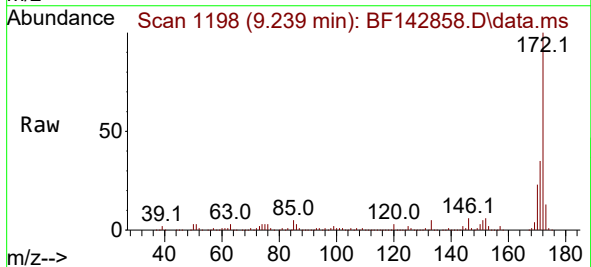
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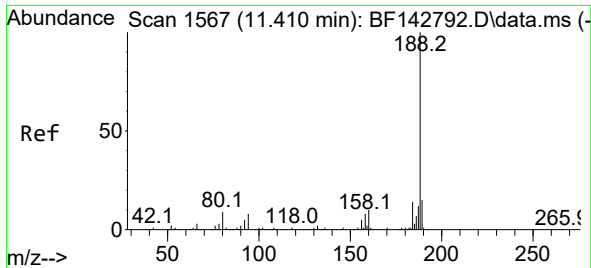
Tgt Ion: 330 Resp: 251252
Ion Ratio Lower Upper
330 100
332 96.5 75.0 112.6
141 30.6 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 75.984 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF142858.D
Acq: 26 Jun 2025 10:08

Tgt Ion: 172 Resp: 1049339
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.1 18.5 27.7

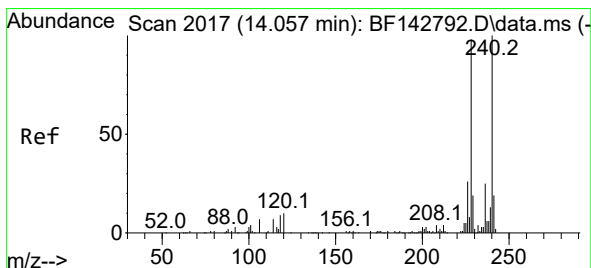
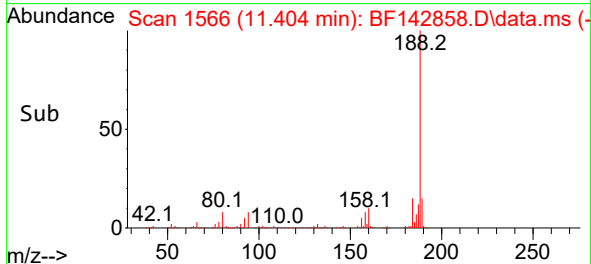
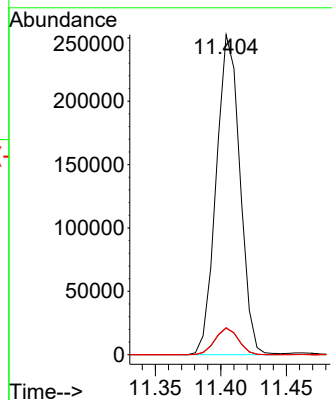
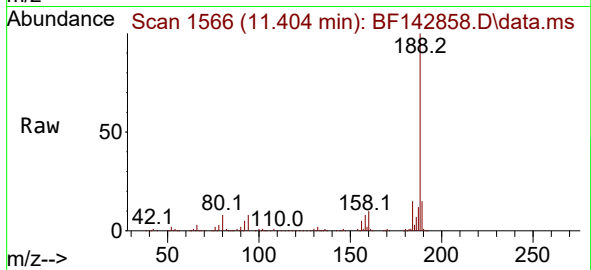




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142858.D
Acq: 26 Jun 2025 10:08

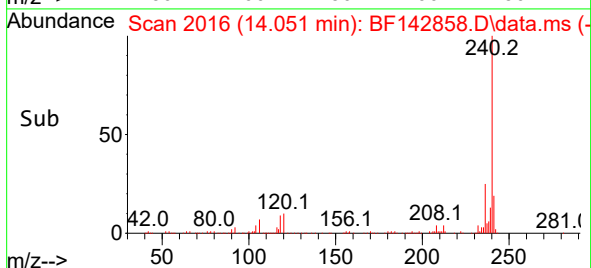
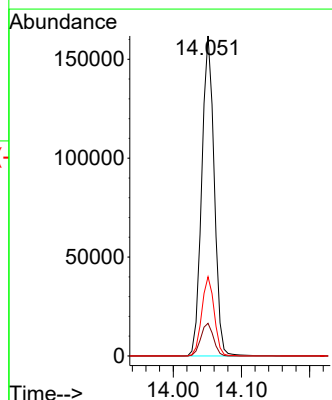
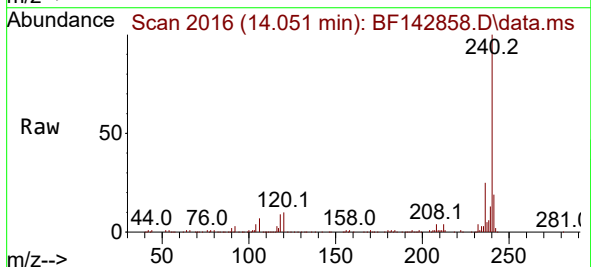
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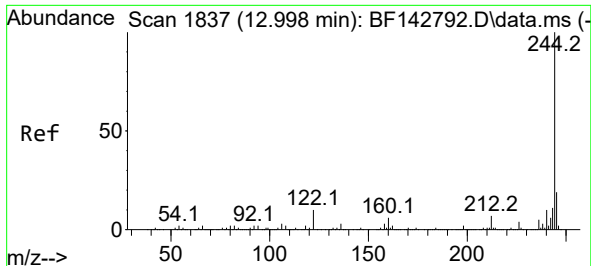
Tgt Ion:188 Resp: 317100
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.4 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142858.D
Acq: 26 Jun 2025 10:08

Tgt Ion:240 Resp: 205968
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.2
236 24.8 19.8 29.8

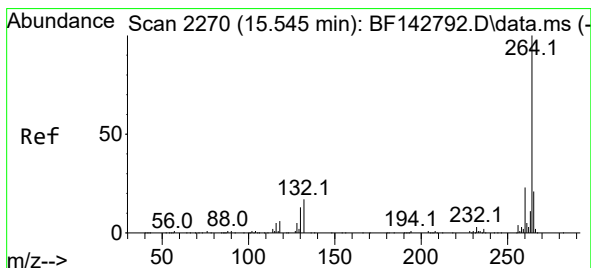
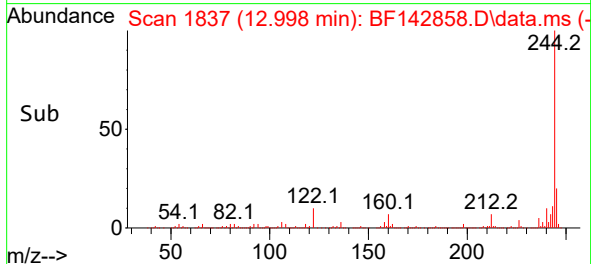
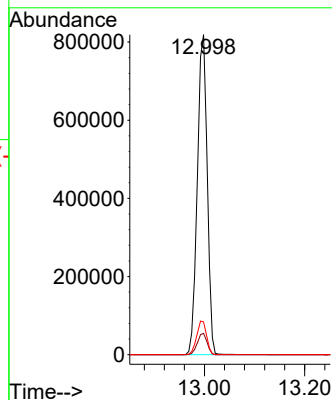
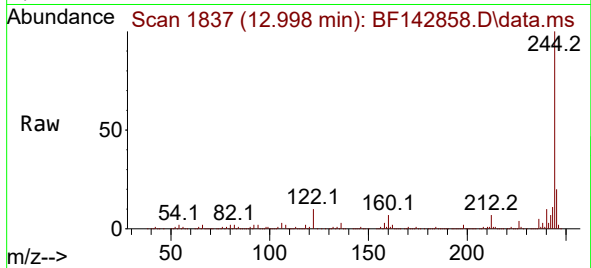




#79
 Terphenyl-d14
 Concen: 74.987 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF142858.D
 Acq: 26 Jun 2025 10:08

Instrument :
 BNA_F
 ClientSampleId :
 PB168610BL

Tgt Ion:244 Resp: 1117820
 Ion Ratio Lower Upper
 244 100
 212 6.7 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: BF142858.D
 Acq: 26 Jun 2025 10:08

Tgt Ion:264 Resp: 169254
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.1 27.1
 265 21.4 16.6 25.0

