

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100725\
 Data File : BN038042.D
 Acq On : 07 Oct 2025 12:39
 Operator : RC/JU
 Sample : PB169939BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169939BL

Quant Time: Oct 11 03:06:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	8228	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	21819	0.400	ng	-0.02
13) Acenaphthene-d10	14.463	164	10027	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	17932	0.400	ng	-0.01
29) Chrysene-d12	21.393	240	9516	0.400	ng	0.00
35) Perylene-d12	23.709	264	9042	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	6271	0.334	ng	0.00
5) Phenol-d6	6.959	99	7676	0.311	ng	-0.01
8) Nitrobenzene-d5	8.950	82	6742	0.405	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	9630	0.318	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	513	0.135	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	16474	0.401	ng	-0.01
27) Fluoranthene-d10	19.239	212	12988	0.288	ng	-0.01
31) Terphenyl-d14	19.838	244	9676	0.510	ng	-0.01

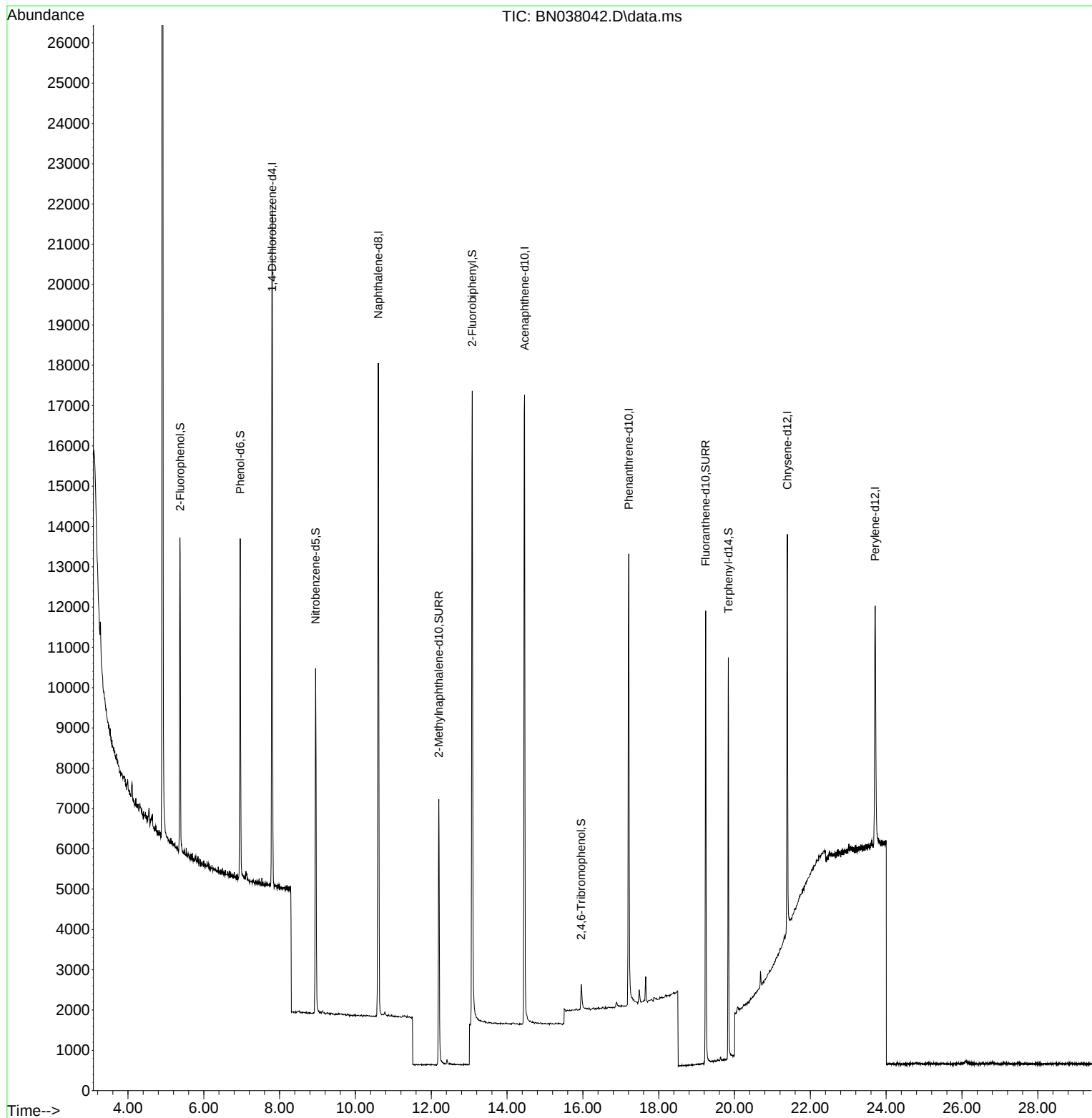
Target Compounds Qvalue

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

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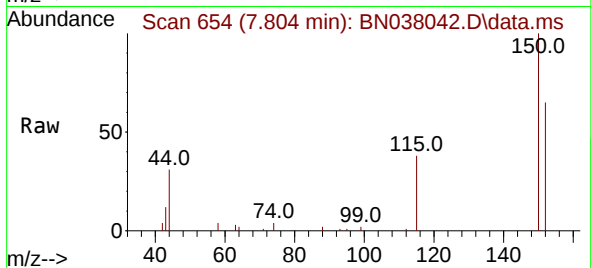
Quant Time: Oct 11 03:06:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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QLast Update : Wed Sep 24 11:00:01 2025
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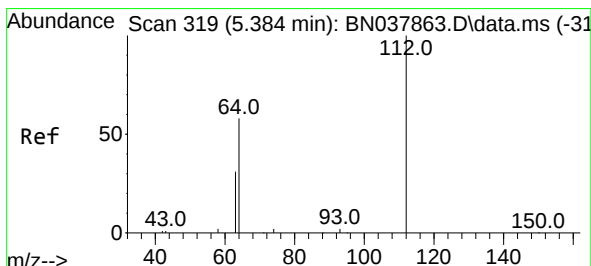
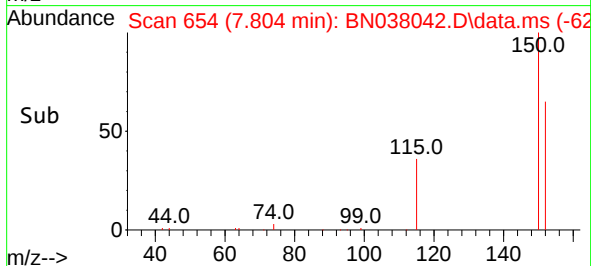
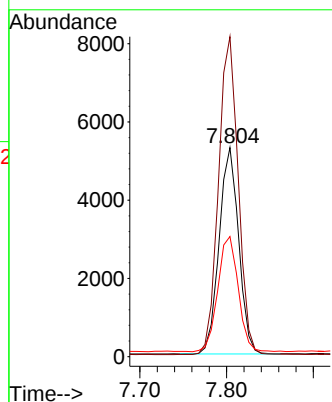


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN038042.D
Acq: 07 Oct 2025 12:39

Instrument :
BNA_N
ClientSampleId :
PB169939BL

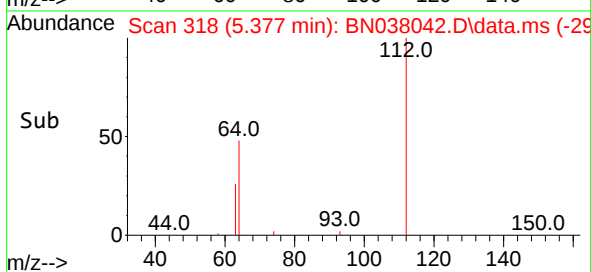
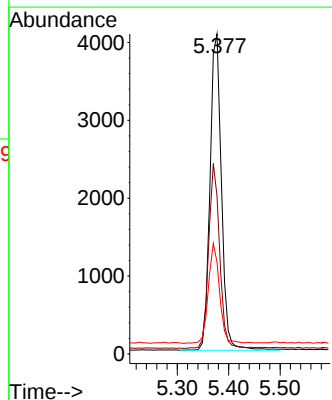
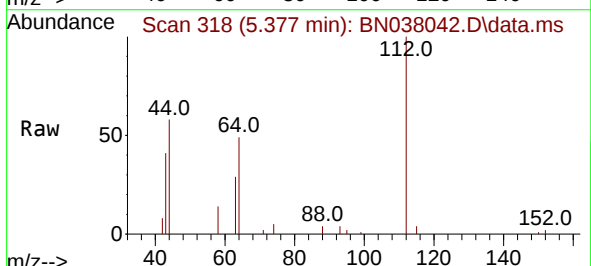


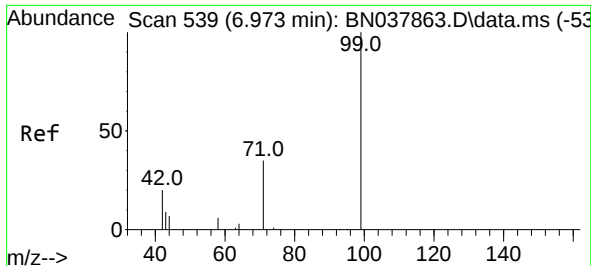
Tgt Ion:152 Resp: 8228
Ion Ratio Lower Upper
152 100
150 153.1 121.0 181.4
115 57.5 47.4 71.0



#4
2-Fluorophenol
Concen: 0.334 ng
RT: 5.377 min Scan# 318
Delta R.T. -0.007 min
Lab File: BN038042.D
Acq: 07 Oct 2025 12:39

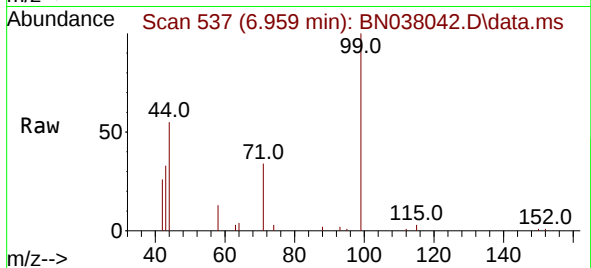
Tgt Ion:112 Resp: 6271
Ion Ratio Lower Upper
112 100
64 55.9 44.6 66.8
63 31.1 24.9 37.3



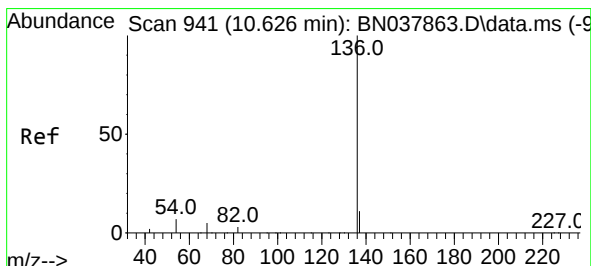
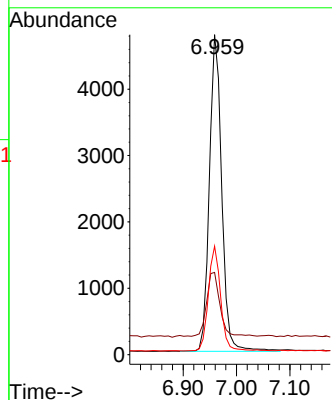
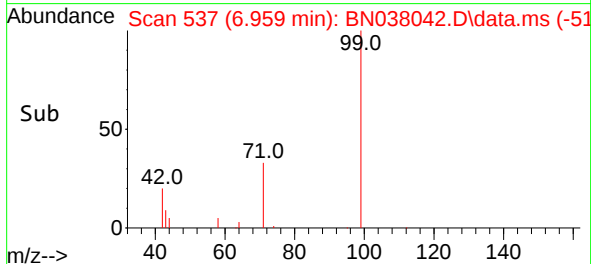


#5
Phenol-d6
Concen: 0.311 ng
RT: 6.959 min Scan# 511
Delta R.T. -0.014 min
Lab File: BN038042.D
Acq: 07 Oct 2025 12:39

Instrument :
BNA_N
ClientSampleId :
PB169939BL

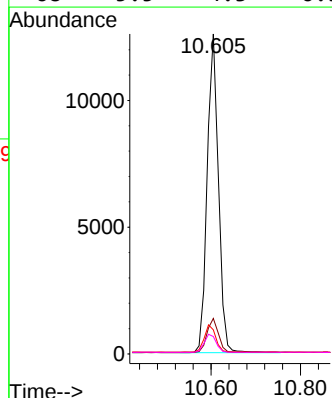
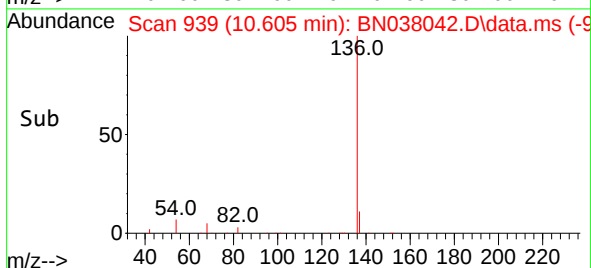
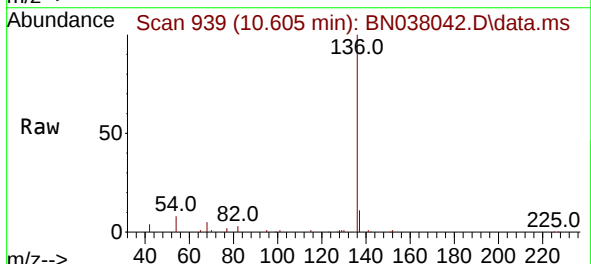


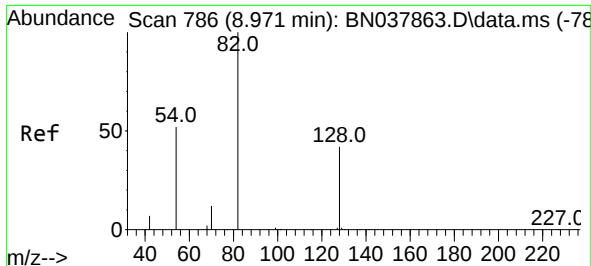
Tgt Ion:	99	Resp:	7676
Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.2	25.8
71	33.1	27.3	40.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 939
Delta R.T. -0.021 min
Lab File: BN038042.D
Acq: 07 Oct 2025 12:39

Tgt Ion:	136	Resp:	21819
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.6	5.8	8.8
68	5.5	4.3	6.5

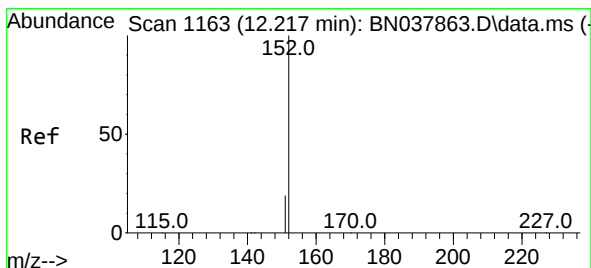
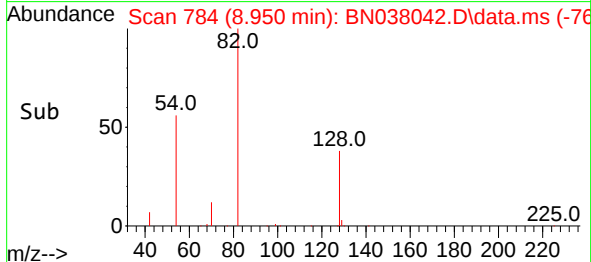
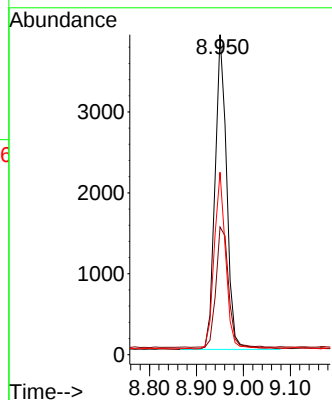
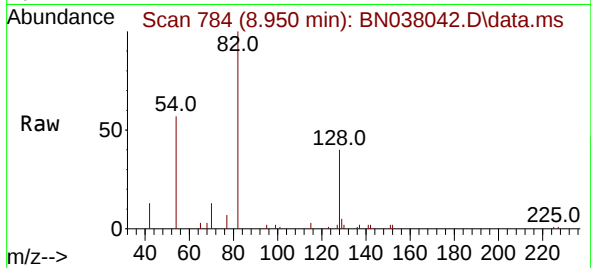




#8
Nitrobenzene-d5
Concen: 0.405 ng
RT: 8.950 min Scan# 71
Delta R.T. -0.021 min
Lab File: BN038042.D
Acq: 07 Oct 2025 12:39

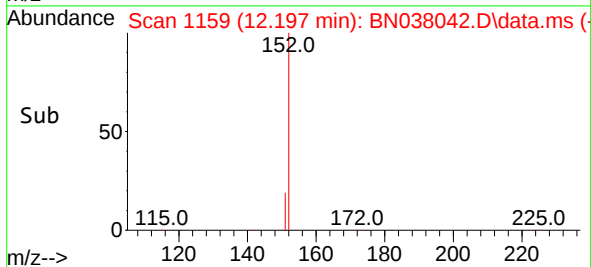
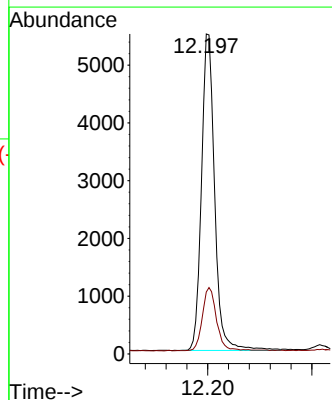
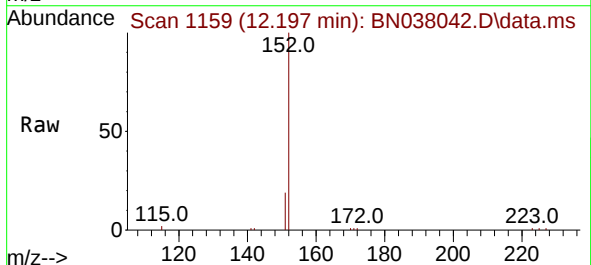
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BNA_N
ClientSampleId :
PB169939BL

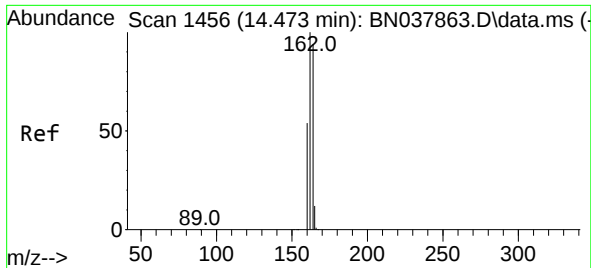
Tgt Ion: 82 Resp: 6742
Ion Ratio Lower Upper
82 100
128 39.9 34.8 52.2
54 57.0 42.2 63.2



#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 12.197 min Scan# 1159
Delta R.T. -0.020 min
Lab File: BN038042.D
Acq: 07 Oct 2025 12:39

Tgt Ion: 152 Resp: 9630
Ion Ratio Lower Upper
152 100
151 21.5 17.4 26.2

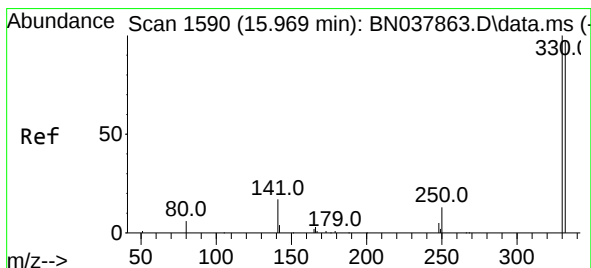
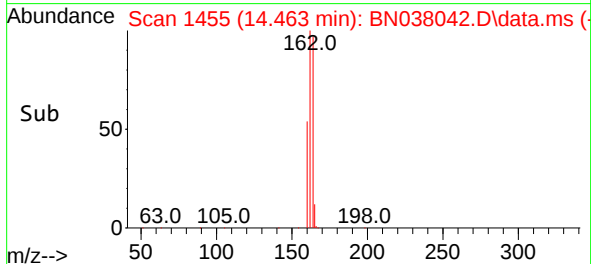
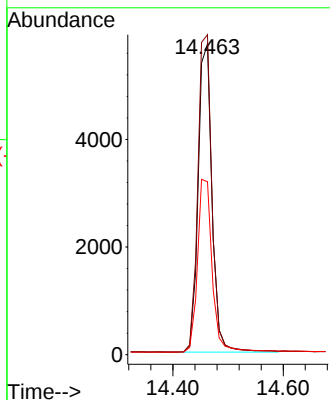
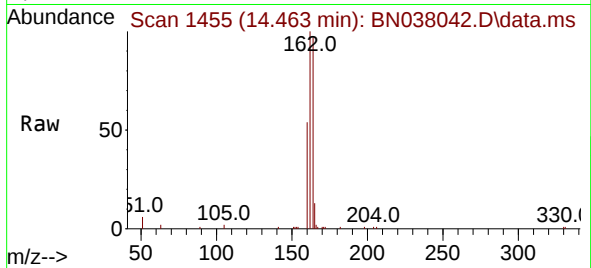




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 1456
Delta R.T. -0.011 min
Lab File: BN038042.D
Acq: 07 Oct 2025 12:39

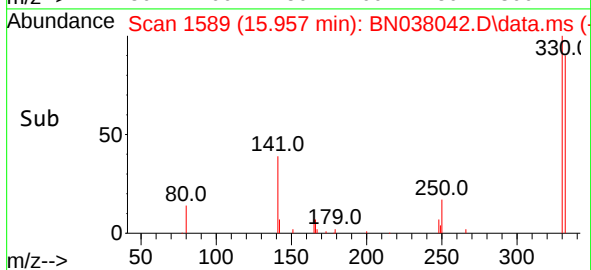
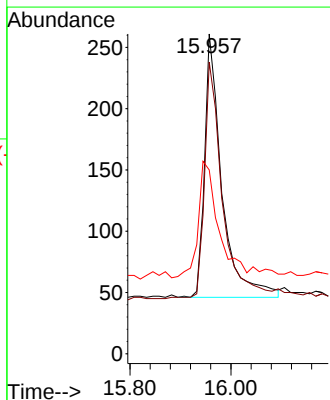
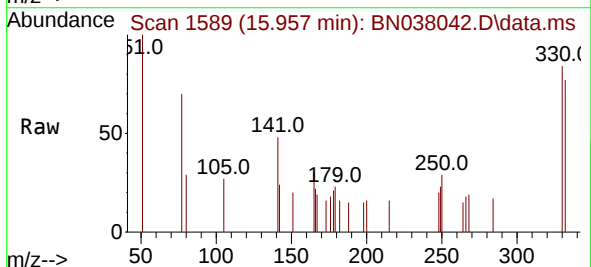
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BNA_N
ClientSampleId :
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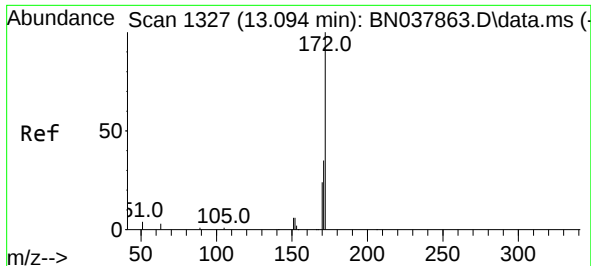
Tgt Ion:164 Resp: 10027
Ion Ratio Lower Upper
164 100
162 103.0 84.8 127.2
160 55.7 46.1 69.1



#14
2,4,6-Tribromophenol
Concen: 0.135 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN038042.D
Acq: 07 Oct 2025 12:39

Tgt Ion:330 Resp: 513
Ion Ratio Lower Upper
330 100
332 94.7 77.2 115.8
141 55.4 37.2 55.8

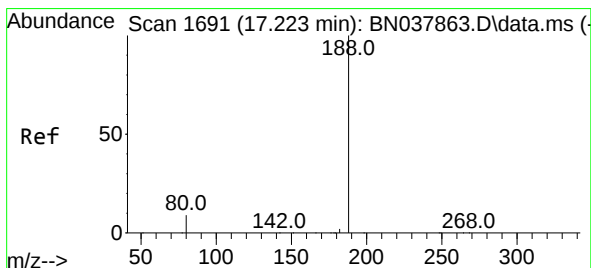
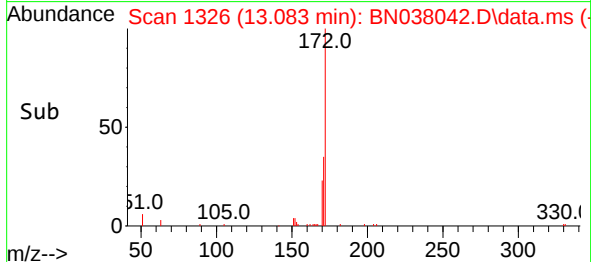
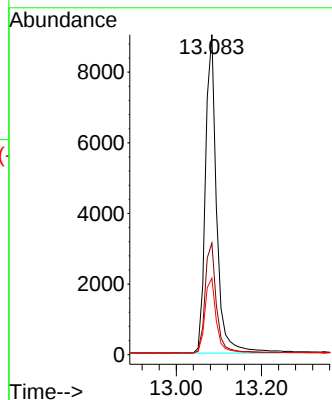
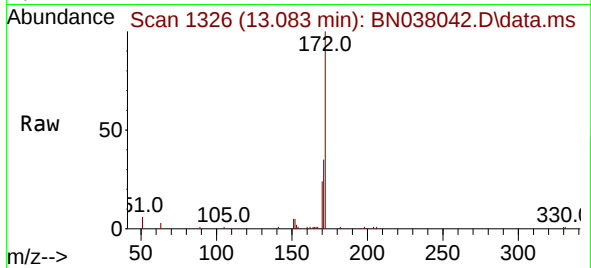




#15
2-Fluorobiphenyl
Concen: 0.401 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN038042.D
Acq: 07 Oct 2025 12:39

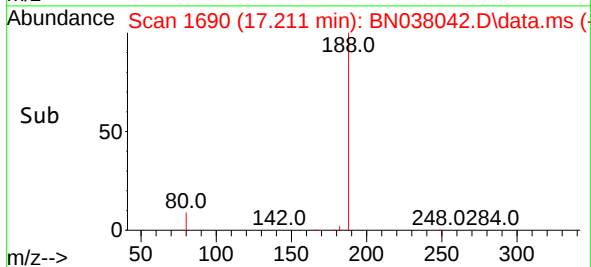
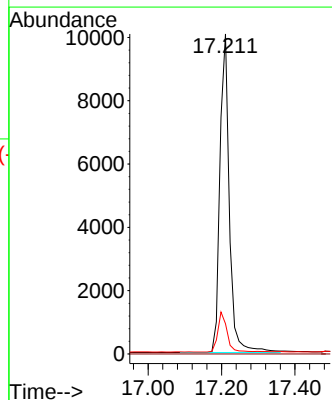
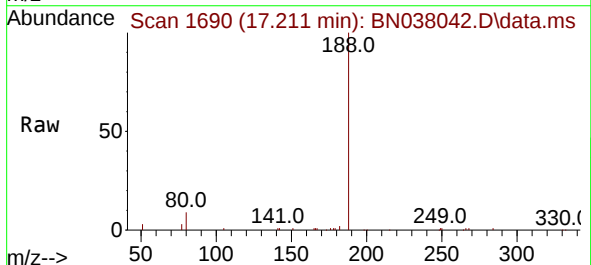
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ClientSampleId :
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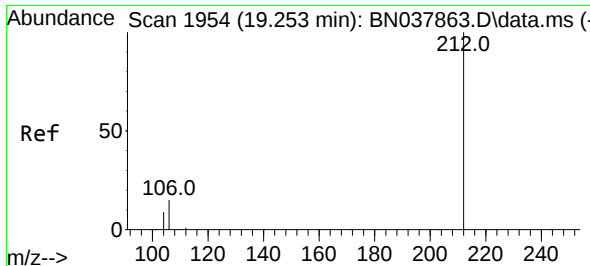
Tgt Ion:172 Resp: 16474
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.9 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN038042.D
Acq: 07 Oct 2025 12:39

Tgt Ion:188 Resp: 17932
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 7.6 11.4

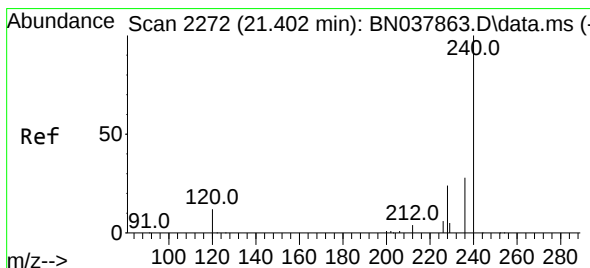
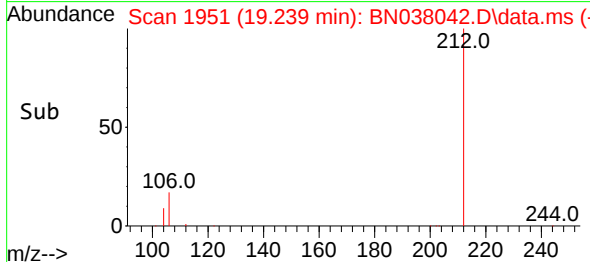
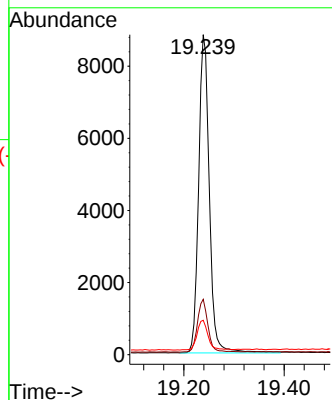
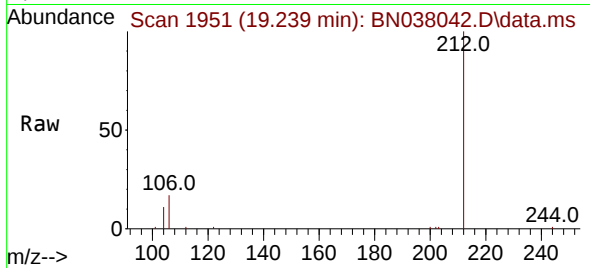




#27
Fluoranthene-d10
Concen: 0.288 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038042.D
Acq: 07 Oct 2025 12:39

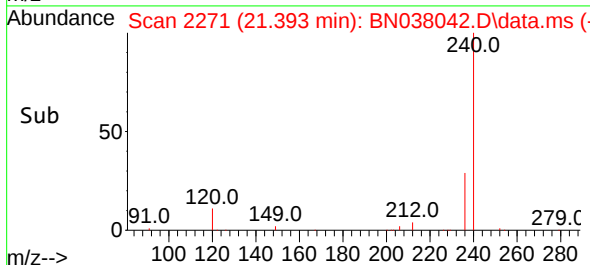
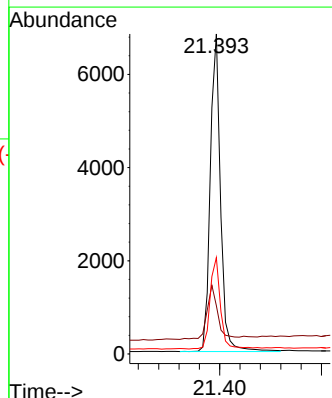
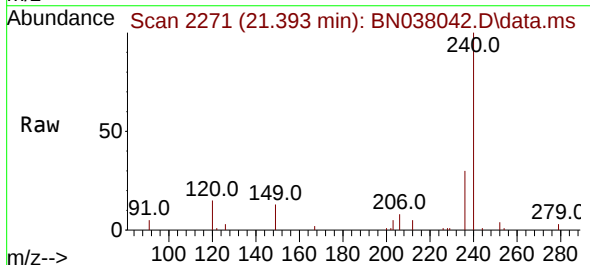
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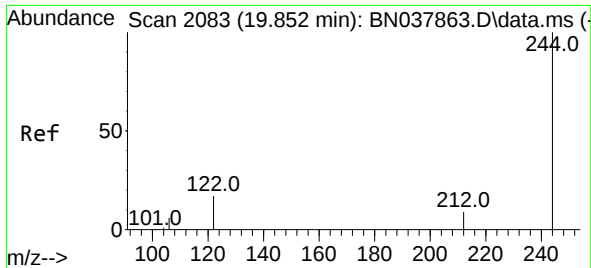
Tgt Ion:212 Resp: 12988
Ion Ratio Lower Upper
212 100
106 16.2 12.6 19.0
104 9.7 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN038042.D
Acq: 07 Oct 2025 12:39

Tgt Ion:240 Resp: 9516
Ion Ratio Lower Upper
240 100
120 15.1 11.4 17.2
236 30.1 23.0 34.6

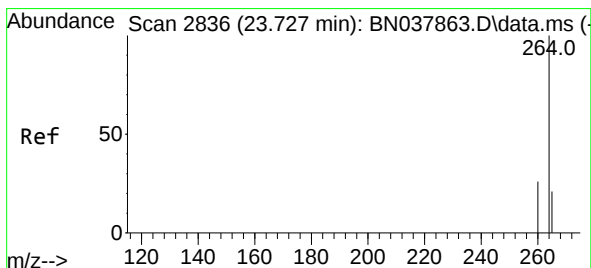
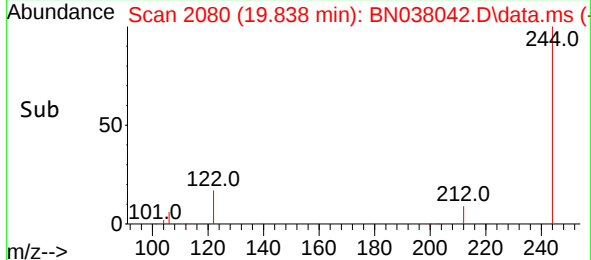
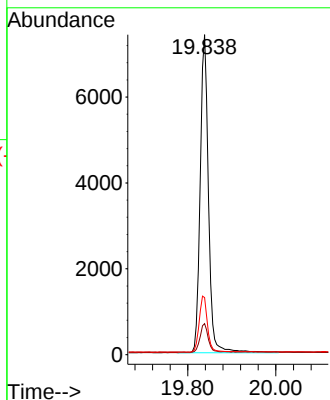
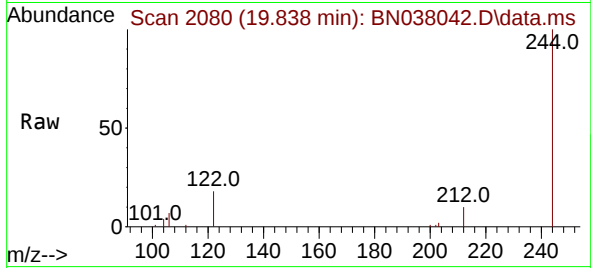




#31
 Terphenyl-d14
 Concen: 0.510 ng
 RT: 19.838 min Scan# 2080
 Delta R.T. -0.014 min
 Lab File: BN038042.D
 Acq: 07 Oct 2025 12:39

Instrument :
 BNA_N
 ClientSampleId :
 PB169939BL

Tgt Ion:244 Resp: 9676
 Ion Ratio Lower Upper
 244 100
 212 9.7 7.6 11.4
 122 17.8 13.9 20.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.709 min Scan# 2830
 Delta R.T. -0.017 min
 Lab File: BN038042.D
 Acq: 07 Oct 2025 12:39

Tgt Ion:264 Resp: 9042
 Ion Ratio Lower Upper
 264 100
 260 28.0 21.5 32.3
 265 118.8 53.8 80.6#

