

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102025\
 Data File : BN038102.D
 Acq On : 20 Oct 2025 17:56
 Operator : RC/JU
 Sample : PB170167BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170167BL

Quant Time: Oct 20 18:21:38 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)

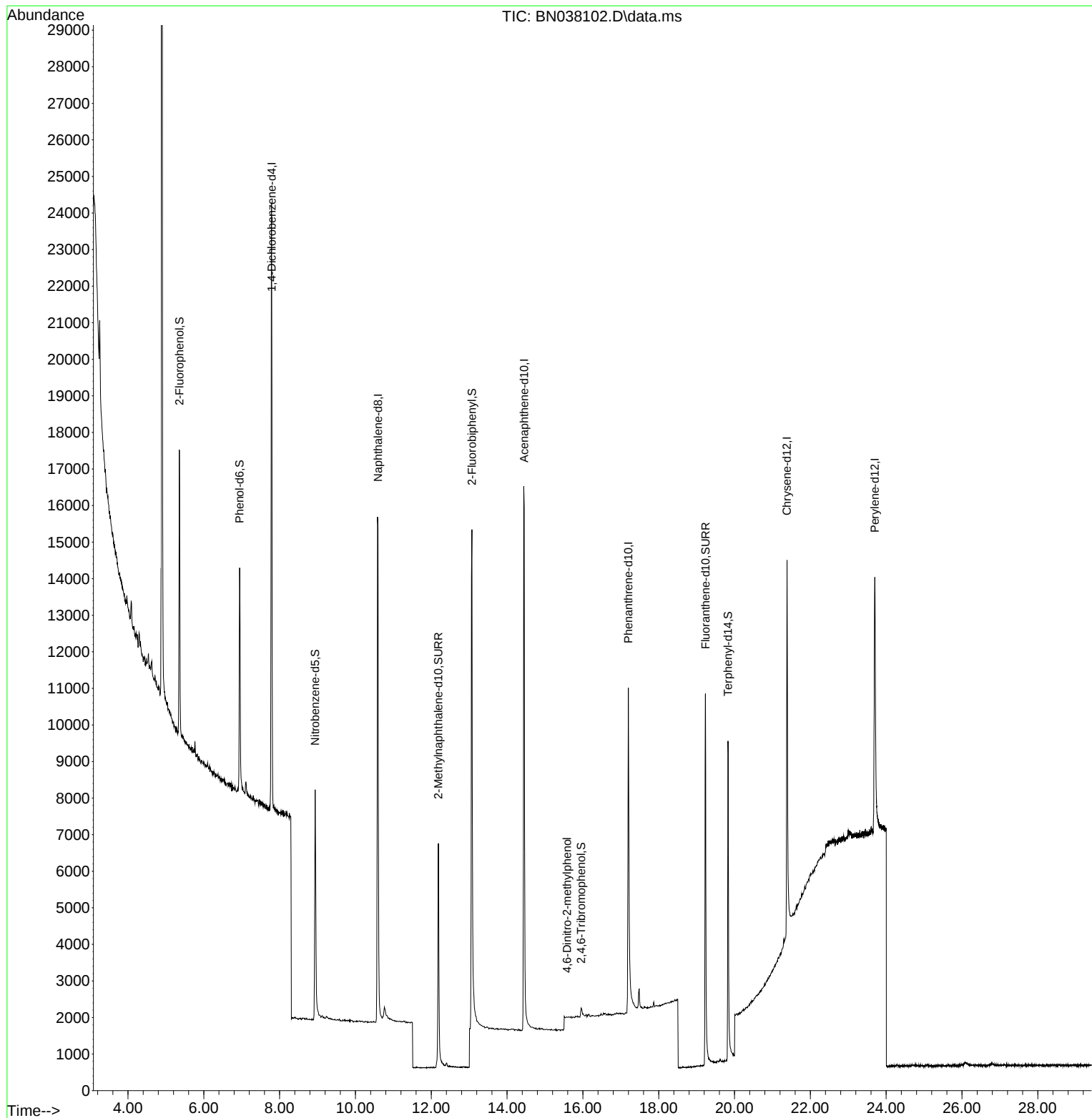
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	8486	0.400	ng	-0.04
7) Naphthalene-d8	10.594	136	21914	0.400	ng	-0.03
13) Acenaphthene-d10	14.452	164	10397	0.400	ng	-0.02
19) Phenanthrene-d10	17.198	188	17174	0.400	ng	#-0.02
29) Chrysene-d12	21.384	240	12295	0.400	ng	#-0.02
35) Perylene-d12	23.701	264	12453	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.356	112	6261	0.323	ng	-0.03
5) Phenol-d6	6.944	99	6738	0.265	ng	-0.03
8) Nitrobenzene-d5	8.939	82	6014	0.360	ng	-0.03
11) 2-Methylnaphthalene-d10	12.187	152	10334	0.339	ng	-0.03
14) 2,4,6-Tribromophenol	15.957	330	297	0.075	ng	-0.01
15) 2-Fluorobiphenyl	13.073	172	16676	0.392	ng	-0.02
27) Fluoranthene-d10	19.234	212	14269	0.330	ng	-0.02
31) Terphenyl-d14	19.829	244	11129	0.454	ng	-0.02
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.585	198	9	0.072	ng	# 1

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

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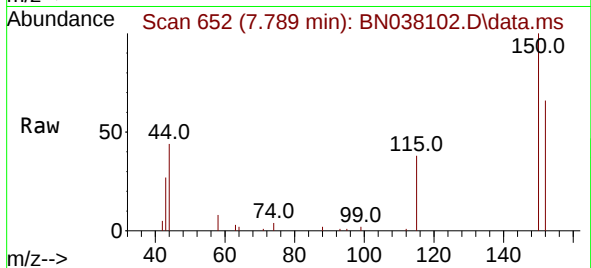
Quant Time: Oct 20 18:21:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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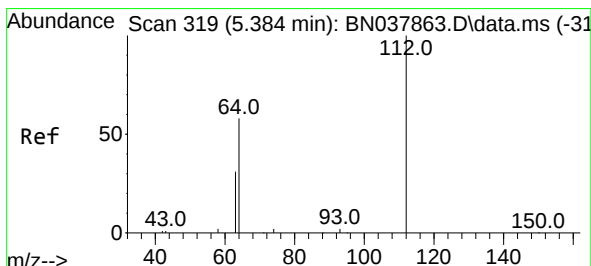
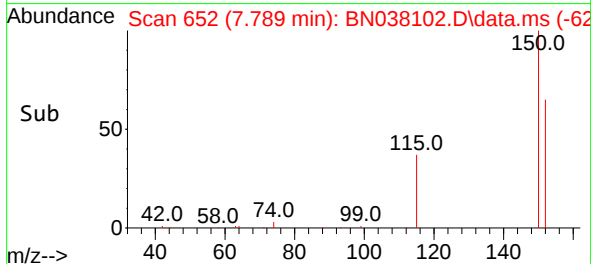
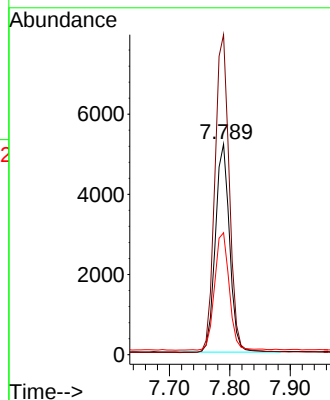


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.789 min Scan# 61
Delta R.T. -0.036 min
Lab File: BN038102.D
Acq: 20 Oct 2025 17:56

Instrument :
BNA_N
ClientSampleId :
PB170167BL

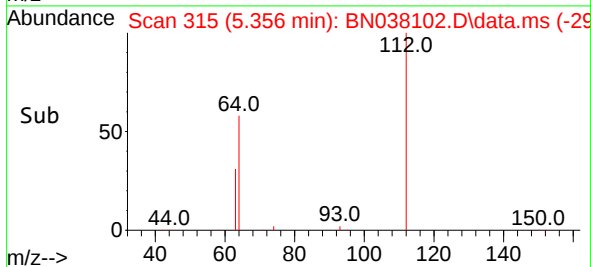
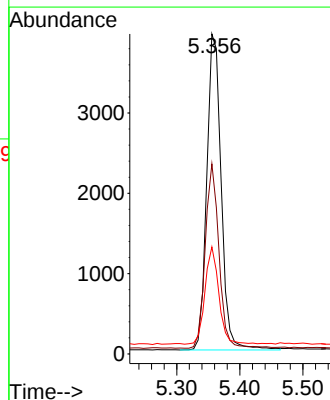
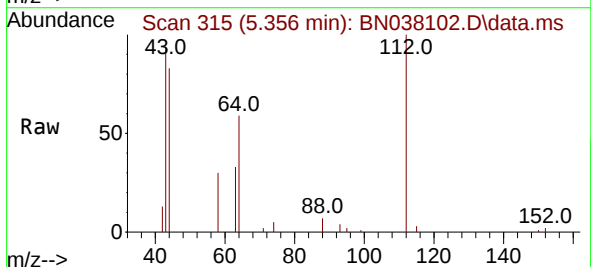


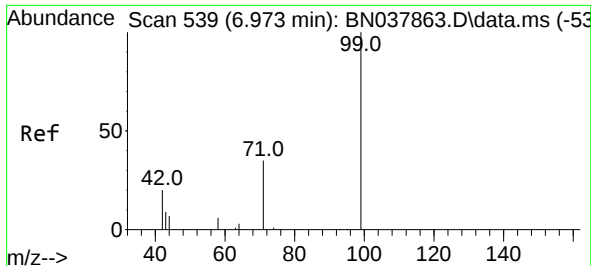
Tgt Ion:152 Resp: 8486
Ion Ratio Lower Upper
152 100
150 152.0 121.0 181.4
115 57.9 47.4 71.0



#4
2-Fluorophenol
Concen: 0.323 ng
RT: 5.356 min Scan# 315
Delta R.T. -0.029 min
Lab File: BN038102.D
Acq: 20 Oct 2025 17:56

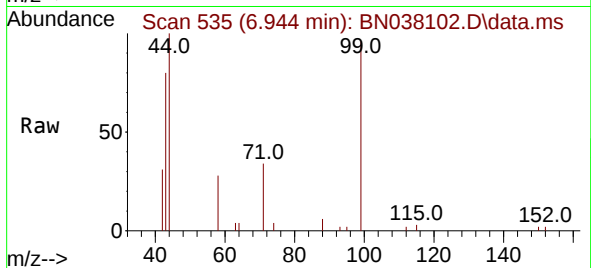
Tgt Ion:112 Resp: 6261
Ion Ratio Lower Upper
112 100
64 55.6 44.6 66.8
63 29.5 24.9 37.3



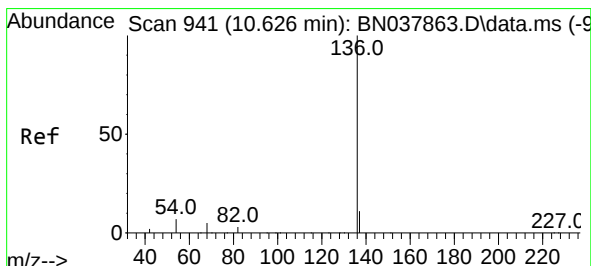
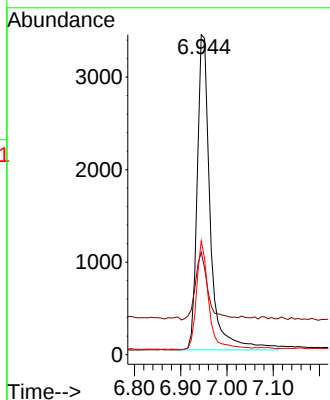
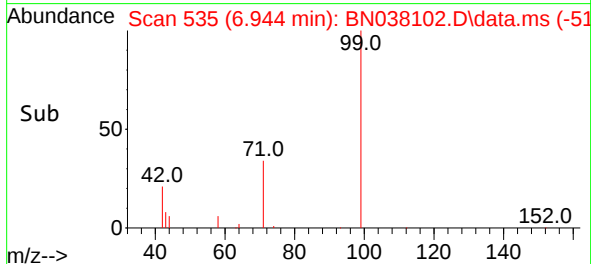


#5
Phenol-d6
Concen: 0.265 ng
RT: 6.944 min Scan# 51
Delta R.T. -0.029 min
Lab File: BN038102.D
Acq: 20 Oct 2025 17:56

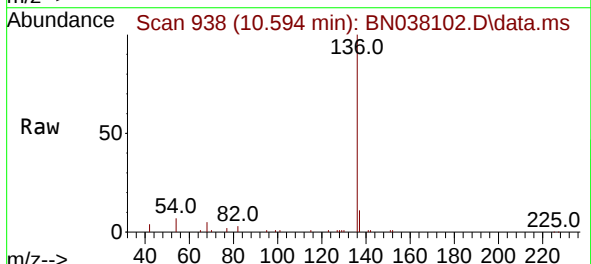
Instrument :
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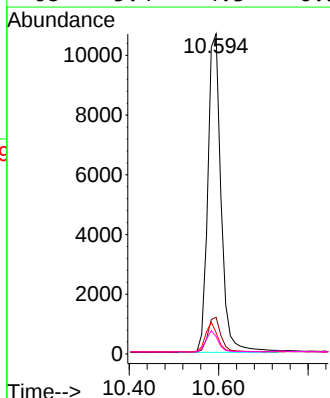
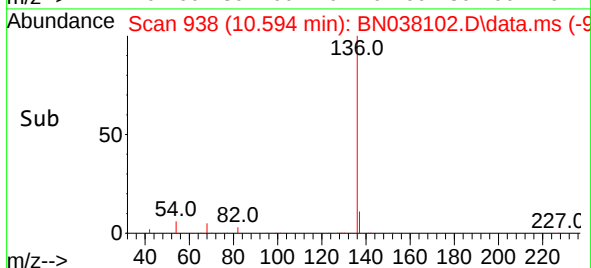
Tgt Ion:	99	Resp:	6738
Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.2	25.8
71	31.9	27.3	40.9

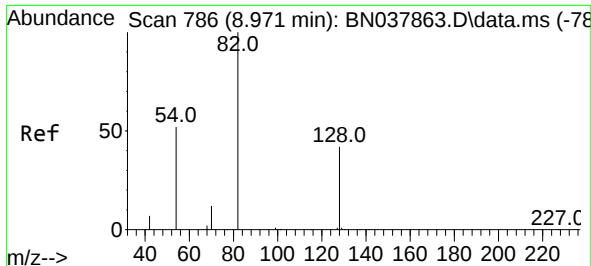


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 938
Delta R.T. -0.032 min
Lab File: BN038102.D
Acq: 20 Oct 2025 17:56



Tgt Ion:	136	Resp:	21914
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	6.7	5.8	8.8
68	5.4	4.3	6.5

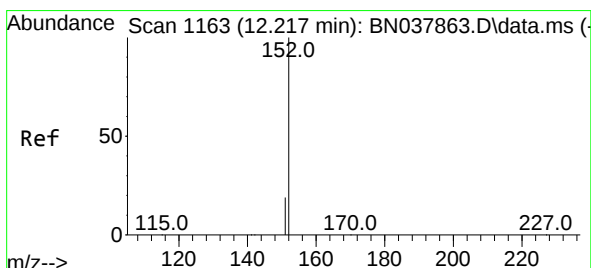
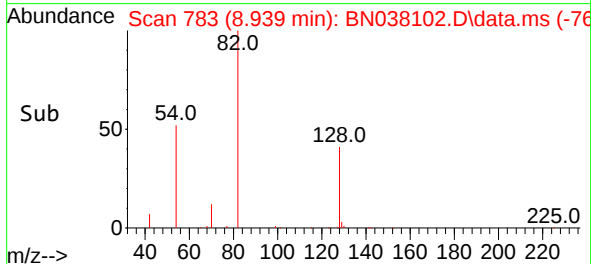
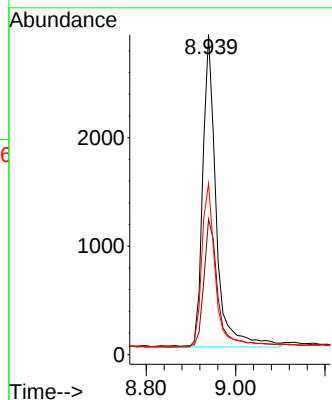
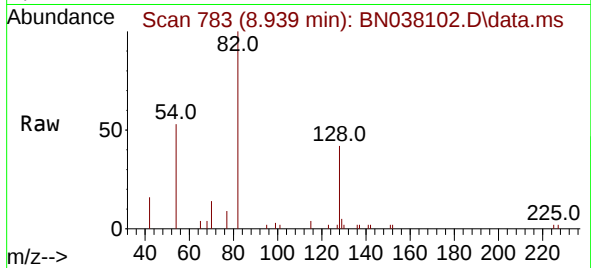




#8
 Nitrobenzene-d5
 Concen: 0.360 ng
 RT: 8.939 min Scan# 71
 Delta R.T. -0.032 min
 Lab File: BN038102.D
 Acq: 20 Oct 2025 17:56

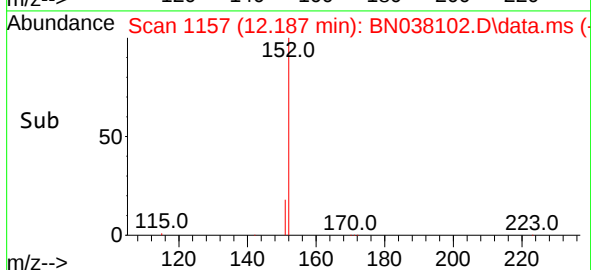
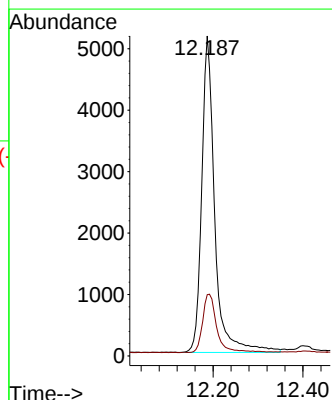
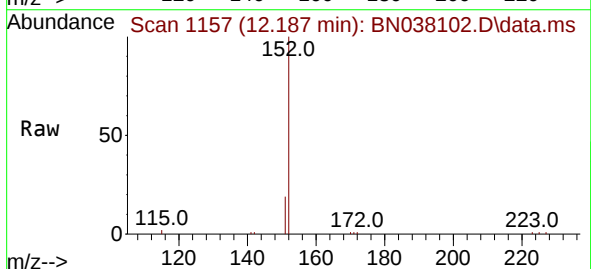
Instrument :
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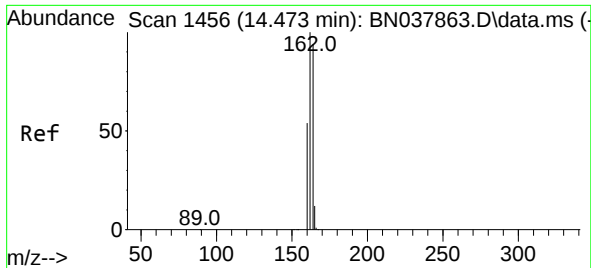
Tgt Ion: 82 Resp: 6014
 Ion Ratio Lower Upper
 82 100
 128 42.4 34.8 52.2
 54 53.4 42.2 63.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.339 ng
 RT: 12.187 min Scan# 1157
 Delta R.T. -0.030 min
 Lab File: BN038102.D
 Acq: 20 Oct 2025 17:56

Tgt Ion: 152 Resp: 10334
 Ion Ratio Lower Upper
 152 100
 151 20.0 17.4 26.2

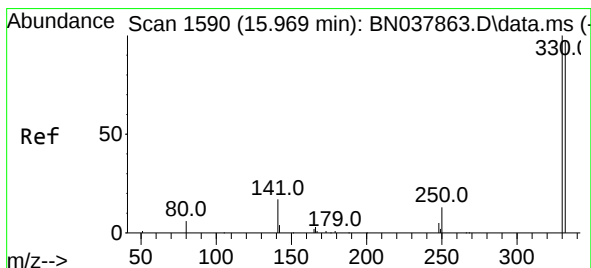
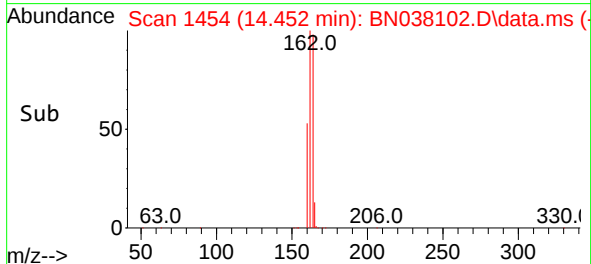
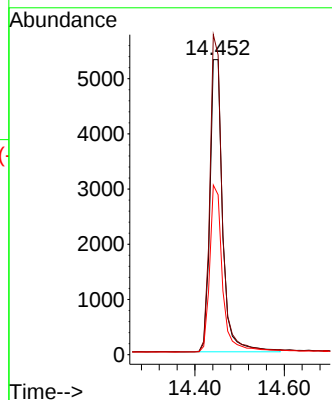
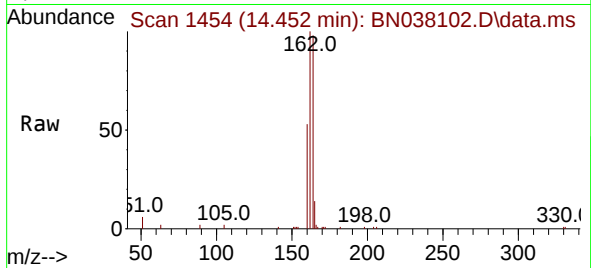




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.452 min Scan# 1456
Delta R.T. -0.021 min
Lab File: BN038102.D
Acq: 20 Oct 2025 17:56

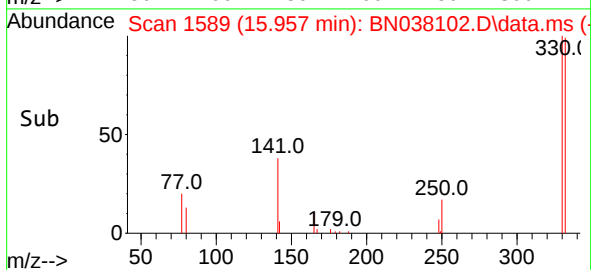
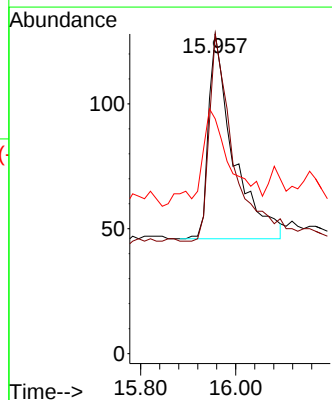
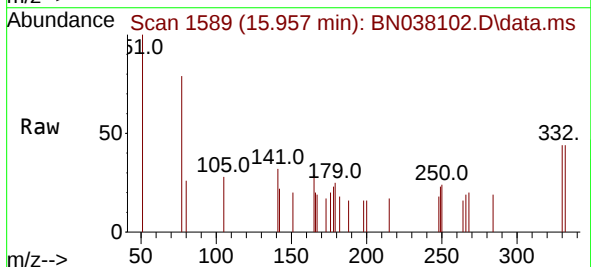
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BNA_N
ClientSampleId :
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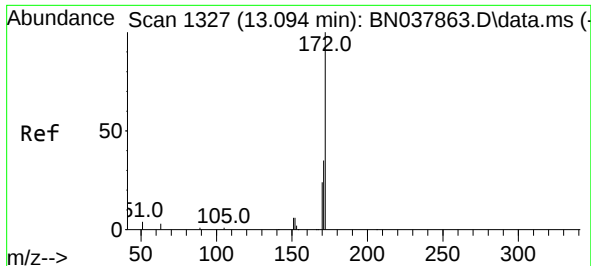
Tgt Ion:164 Resp: 10397
Ion Ratio Lower Upper
164 100
162 101.6 84.8 127.2
160 54.2 46.1 69.1



#14
2,4,6-Tribromophenol
Concen: 0.075 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN038102.D
Acq: 20 Oct 2025 17:56

Tgt Ion:330 Resp: 297
Ion Ratio Lower Upper
330 100
332 97.6 77.2 115.8
141 42.8 37.2 55.8

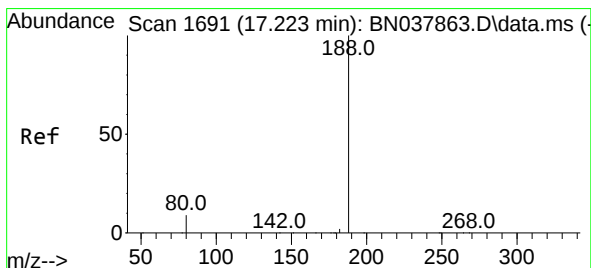
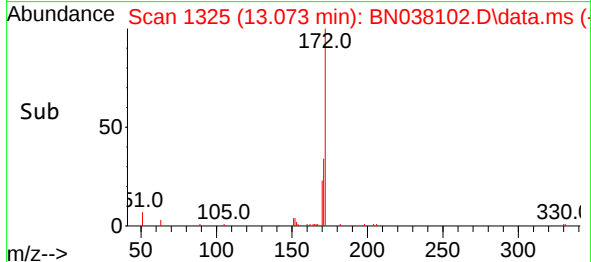
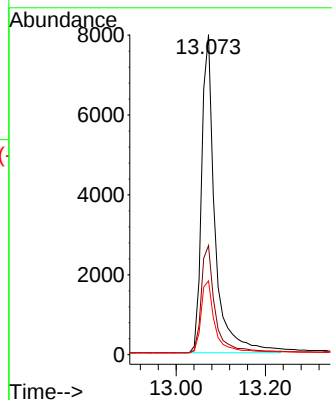
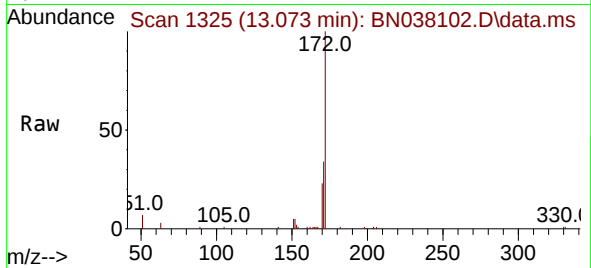




#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 13.073 min Scan# 11
Delta R.T. -0.021 min
Lab File: BN038102.D
Acq: 20 Oct 2025 17:56

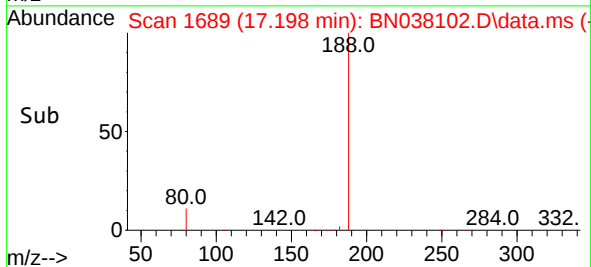
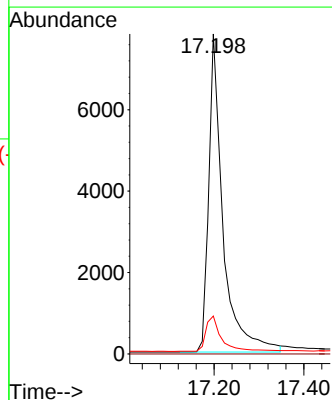
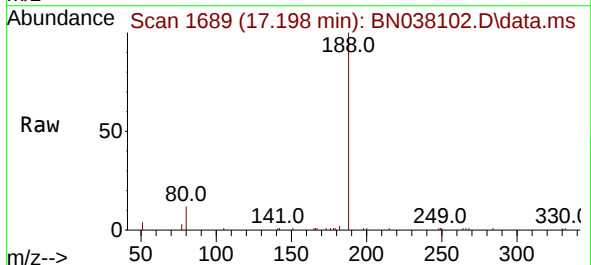
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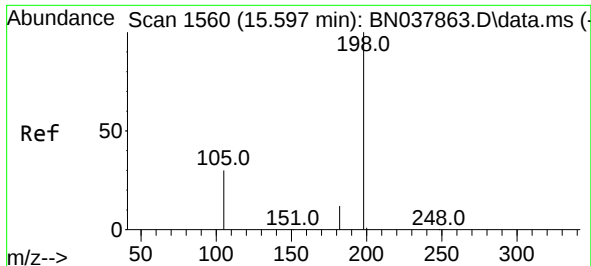
Tgt Ion:172 Resp: 16676
Ion Ratio Lower Upper
172 100
171 34.1 28.6 43.0
170 23.1 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.198 min Scan# 1689
Delta R.T. -0.025 min
Lab File: BN038102.D
Acq: 20 Oct 2025 17:56

Tgt Ion:188 Resp: 17174
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 7.6 11.4#

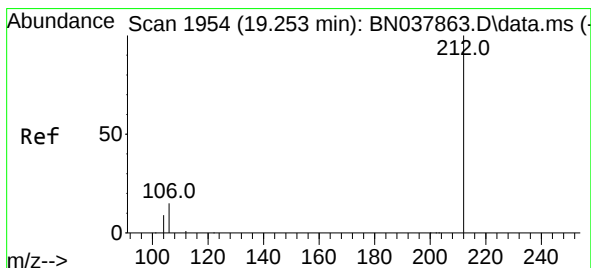
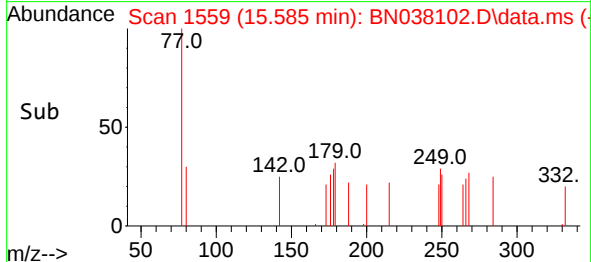
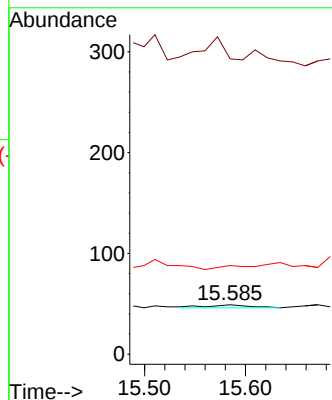
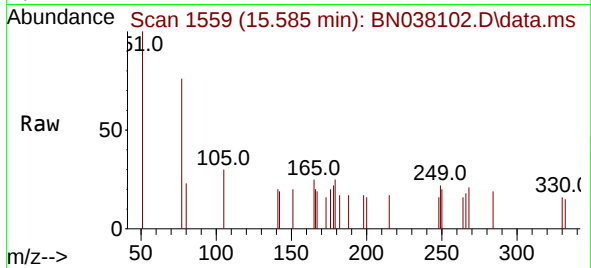




#20
4,6-Dinitro-2-methylphenol
Concen: 0.072 ng
RT: 15.585 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN038102.D
Acq: 20 Oct 2025 17:56

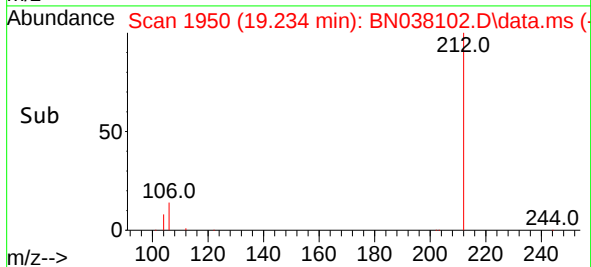
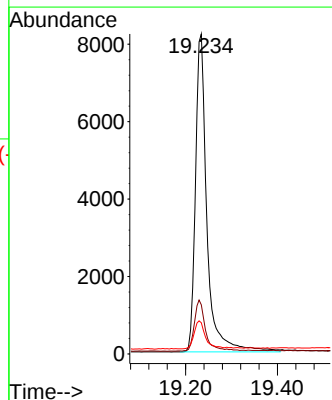
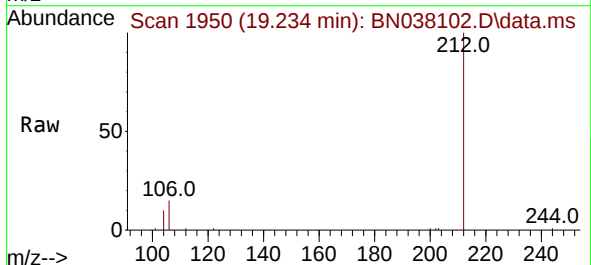
Instrument :
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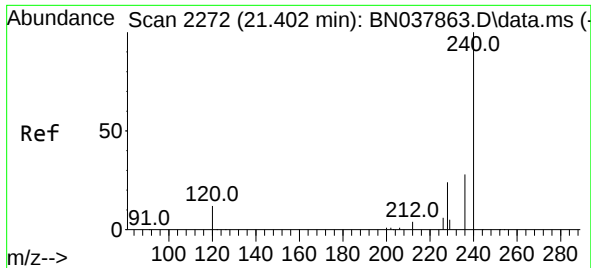
Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
51 598.0 59.1 88.7#
105 179.6 41.3 61.9#



#27
Fluoranthene-d10
Concen: 0.330 ng
RT: 19.234 min Scan# 1950
Delta R.T. -0.019 min
Lab File: BN038102.D
Acq: 20 Oct 2025 17:56

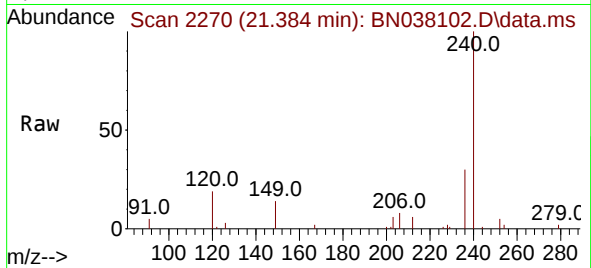
Tgt Ion:212 Resp: 14269
Ion Ratio Lower Upper
212 100
106 15.7 12.6 19.0
104 8.7 7.4 11.0



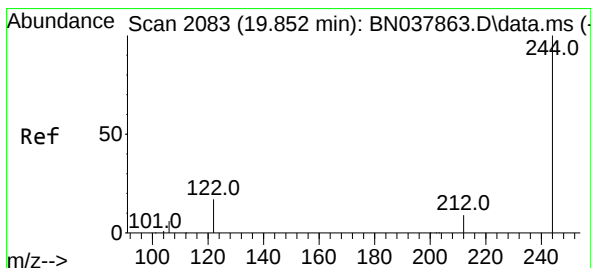
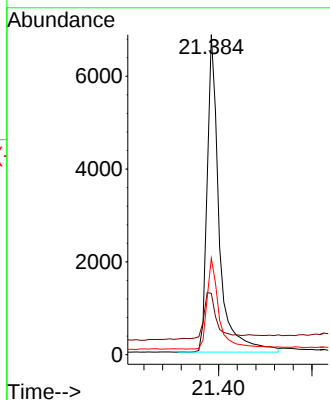
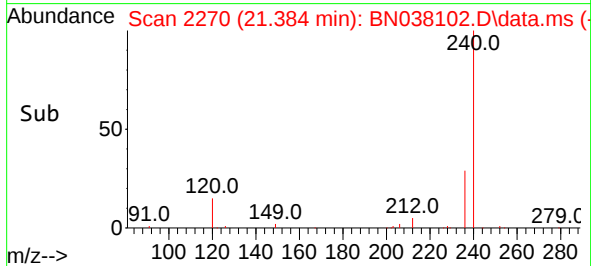


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN038102.D
Acq: 20 Oct 2025 17:56

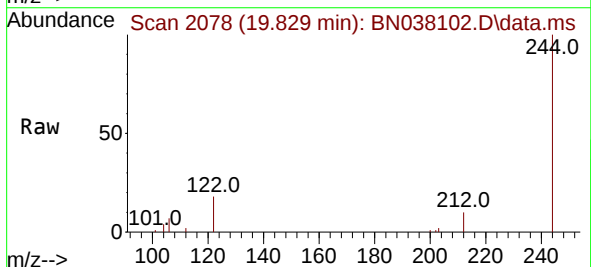
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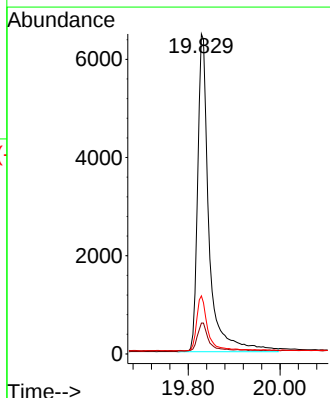
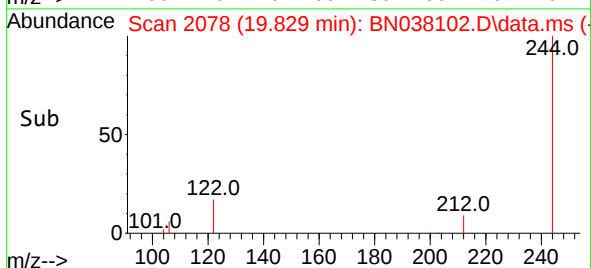
Tgt Ion:240 Resp: 12295
Ion Ratio Lower Upper
240 100
120 19.2 11.4 17.2#
236 30.1 23.0 34.6

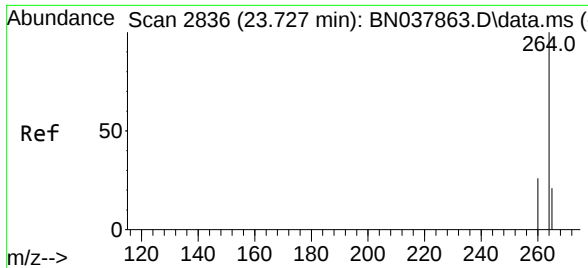


#31
Terphenyl-d14
Concen: 0.454 ng
RT: 19.829 min Scan# 2078
Delta R.T. -0.023 min
Lab File: BN038102.D
Acq: 20 Oct 2025 17:56



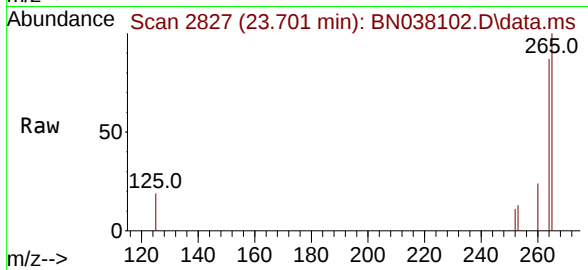
Tgt Ion:244 Resp: 11129
Ion Ratio Lower Upper
244 100
212 9.7 7.6 11.4
122 18.2 13.9 20.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.701 min Scan# 21
Delta R.T. -0.026 min
Lab File: BN038102.D
Acq: 20 Oct 2025 17:56

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:264 Resp: 12453
Ion Ratio Lower Upper
264 100
260 27.2 21.5 32.3
265 114.8 53.8 80.6#

