

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
 Data File : BN038420.D
 Acq On : 16 Dec 2025 01:41
 Operator : RC/JU
 Sample : Q3839-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AM7

Quant Time: Dec 16 03:54:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

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

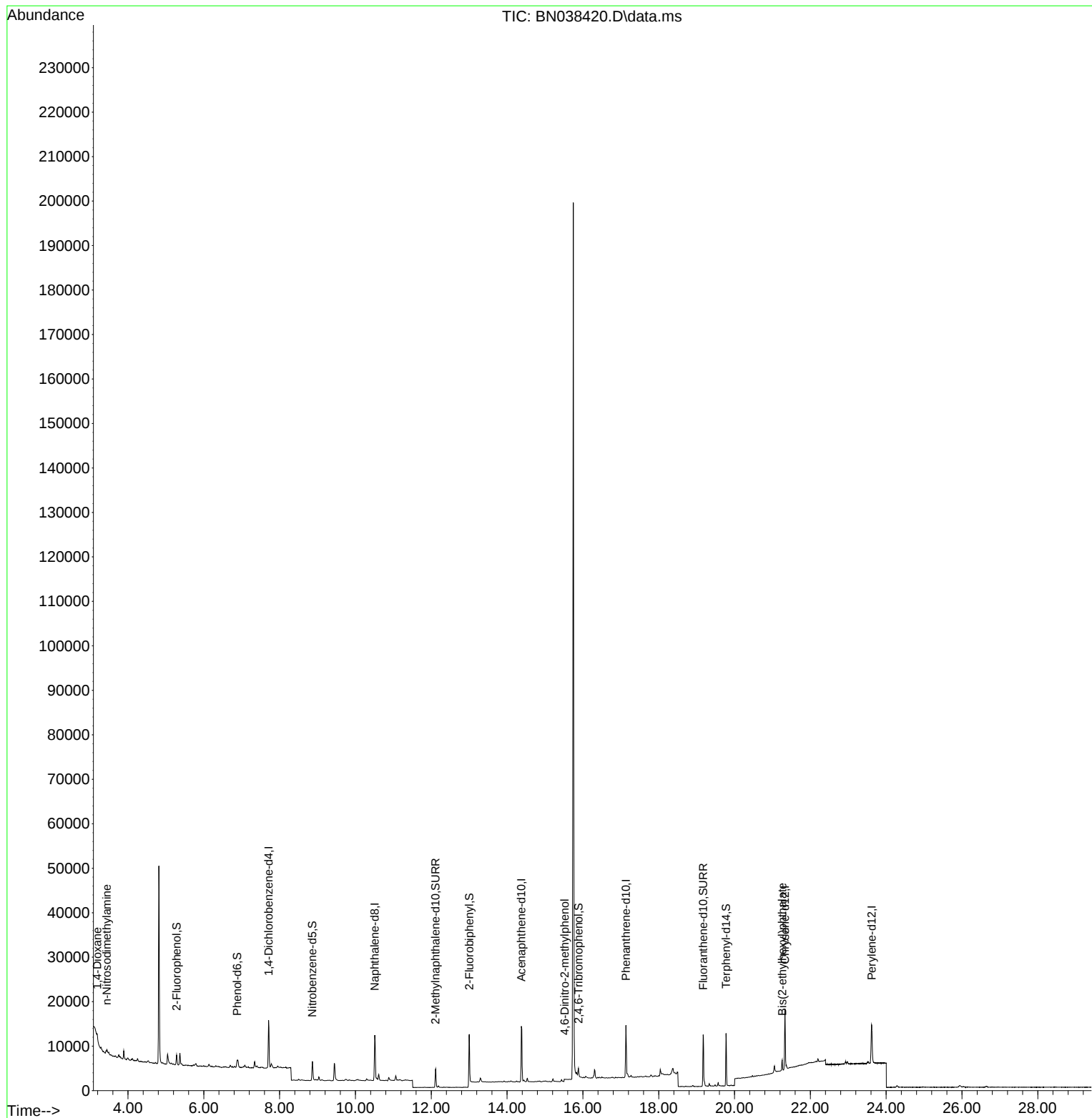
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	5237	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	14255	0.400	ng	#-0.02
13) Acenaphthene-d10	14.377	164	7810	0.400	ng	-0.02
19) Phenanthrene-d10	17.136	188	14806	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	11903	0.400	ng	0.00
35) Perylene-d12	23.616	264	12223	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1784	0.137	ng	0.00
5) Phenol-d6	6.879	99	1305	0.084	ng	0.00
8) Nitrobenzene-d5	8.865	82	3684	0.306	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	5849	0.291	ng	-0.01
14) 2,4,6-Tribromophenol	15.883	330	1138	0.328	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	14581	0.388	ng	0.00
27) Fluoranthene-d10	19.174	212	12577	0.343	ng	-0.01
31) Terphenyl-d14	19.778	244	10446	0.393	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	767	0.128	ng	# 36
3) n-Nitrosodimethylamine	3.442	42	518	0.069	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.523	198	53	0.022	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.259	149	2380	0.094	ng	# 98

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

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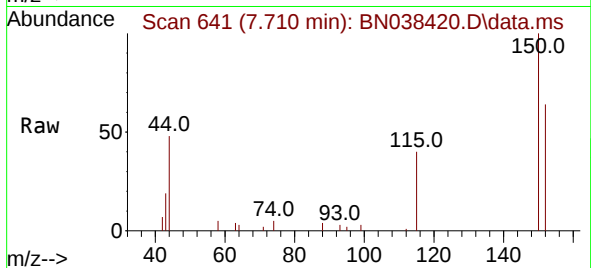
Quant Time: Dec 16 03:54:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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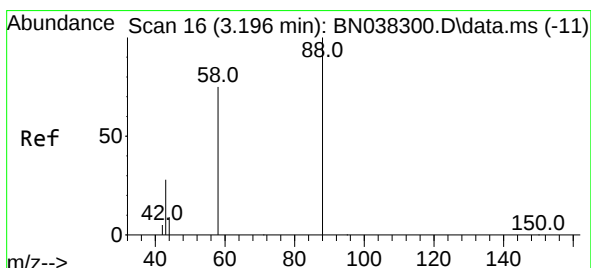
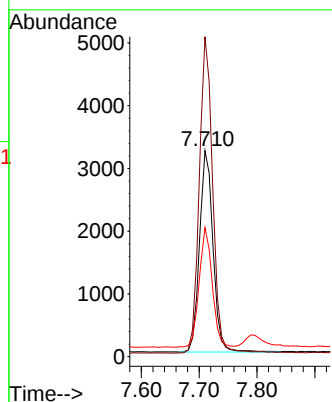
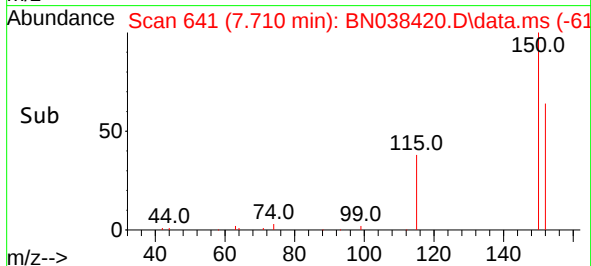


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.710 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN038420.D
 Acq: 16 Dec 2025 01:41

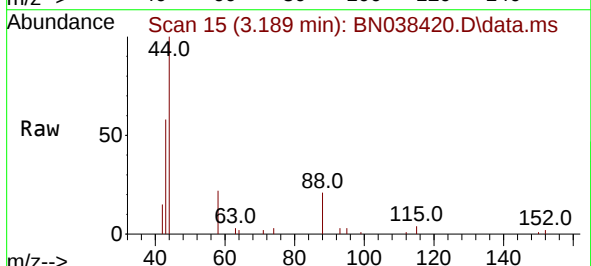
Instrument :
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 ClientSampleId :
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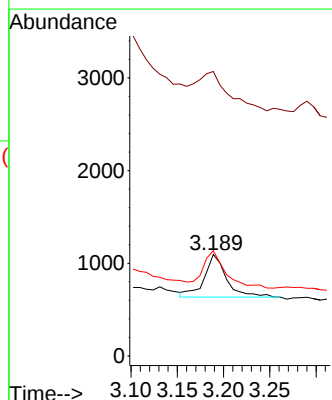
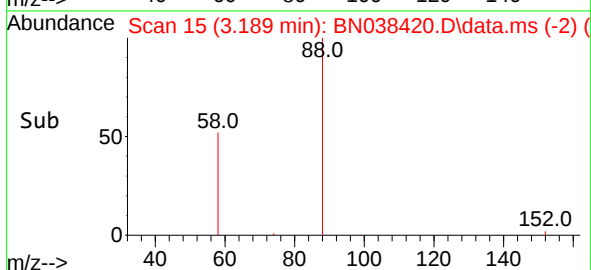
Tgt Ion:152 Resp: 5237
 Ion Ratio Lower Upper
 152 100
 150 155.3 122.4 183.6
 115 62.6 47.3 70.9

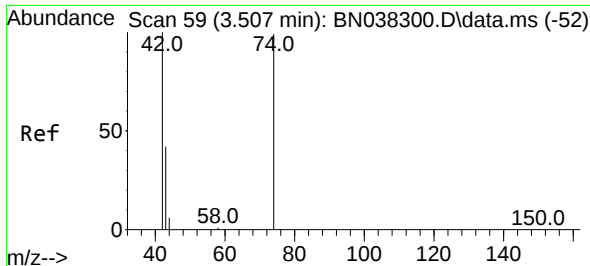


#2
 1,4-Dioxane
 Concen: 0.128 ng
 RT: 3.189 min Scan# 15
 Delta R.T. -0.007 min
 Lab File: BN038420.D
 Acq: 16 Dec 2025 01:41



Tgt Ion: 88 Resp: 767
 Ion Ratio Lower Upper
 88 100
 43 133.6 24.9 37.3#
 58 89.7 61.4 92.0

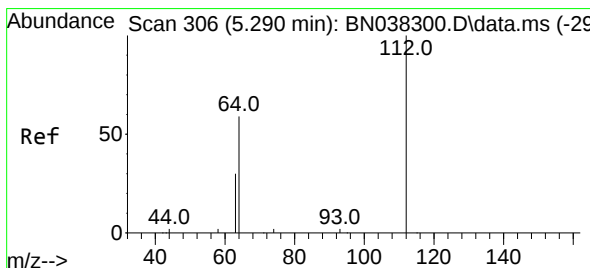
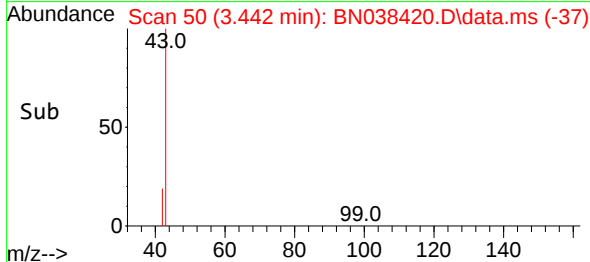
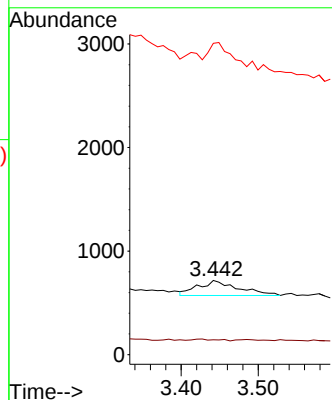
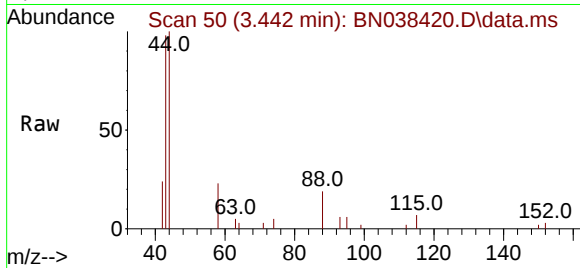




#3
 n-Nitrosodimethylamine
 Concen: 0.069 ng
 RT: 3.442 min Scan# 50
 Delta R.T. -0.058 min
 Lab File: BN038420.D
 Acq: 16 Dec 2025 01:41

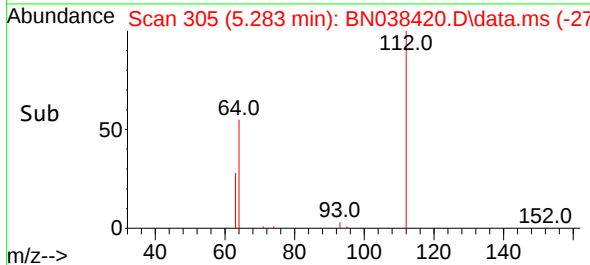
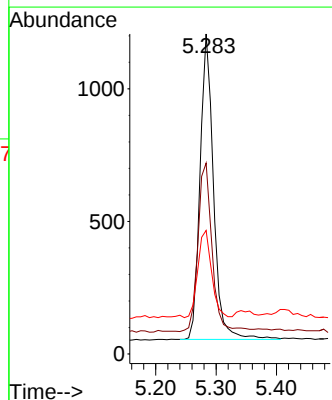
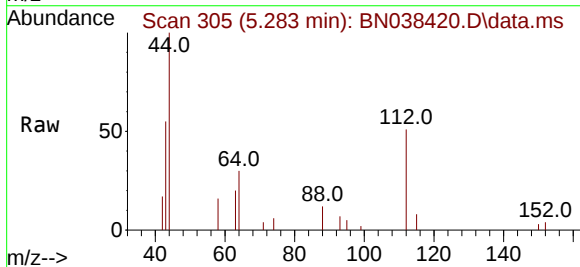
Instrument :
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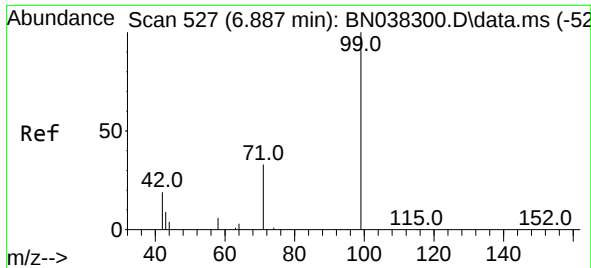
Tgt Ion: 42 Resp: 518
 Ion Ratio Lower Upper
 42 100
 74 0.0 95.3 142.9#
 44 280.7 7.9 11.9#



#4
 2-Fluorophenol
 Concen: 0.137 ng
 RT: 5.283 min Scan# 305
 Delta R.T. -0.007 min
 Lab File: BN038420.D
 Acq: 16 Dec 2025 01:41

Tgt Ion: 112 Resp: 1784
 Ion Ratio Lower Upper
 112 100
 64 57.7 44.4 66.6
 63 30.3 23.4 35.0

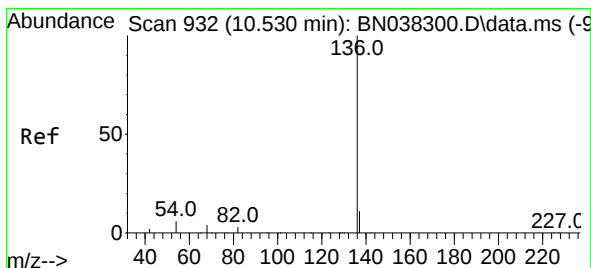
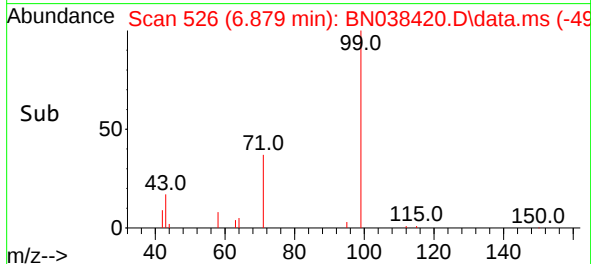
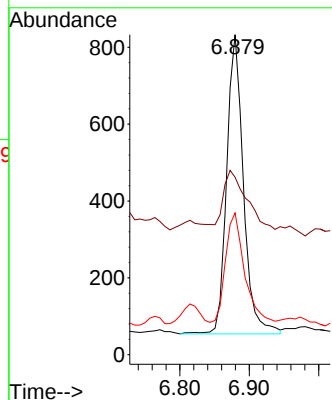
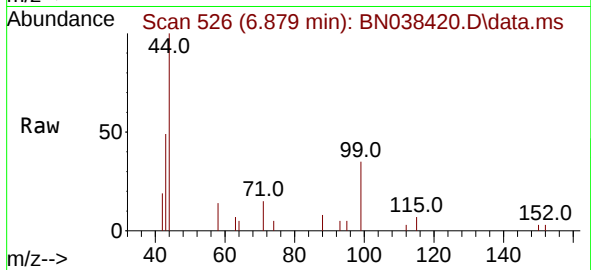




#5
Phenol-d6
Concen: 0.084 ng
RT: 6.879 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN038420.D
Acq: 16 Dec 2025 01:41

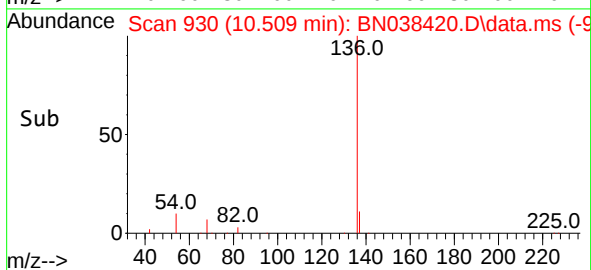
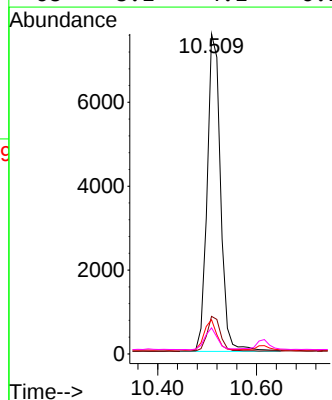
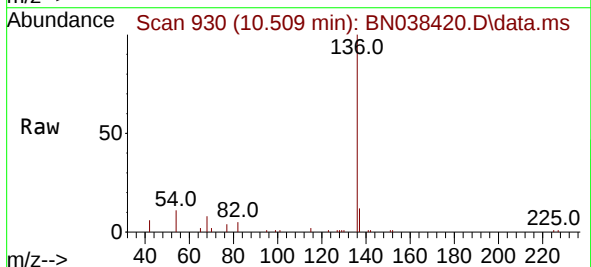
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BNA_N
ClientSampleId :
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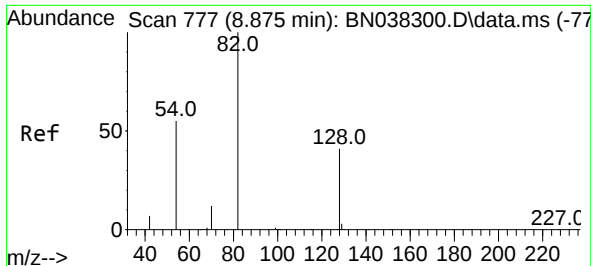
Tgt Ion: 99 Resp: 1305
Ion Ratio Lower Upper
99 100
42 27.1 16.5 24.7#
71 44.5 24.9 37.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.021 min
Lab File: BN038420.D
Acq: 16 Dec 2025 01:41

Tgt Ion: 136 Resp: 14255
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 10.7 5.2 7.8#
68 8.1 4.1 6.1#

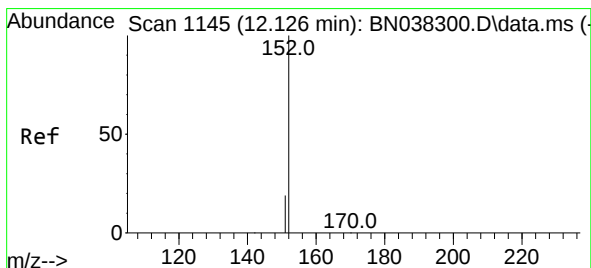
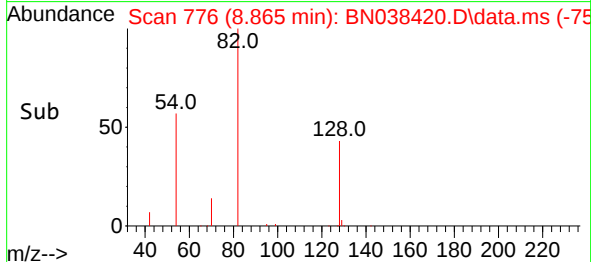
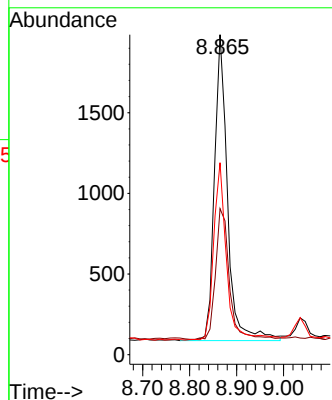
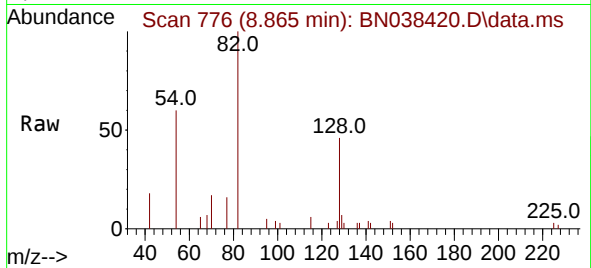




#8
 Nitrobenzene-d5
 Concen: 0.306 ng
 RT: 8.865 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN038420.D
 Acq: 16 Dec 2025 01:41

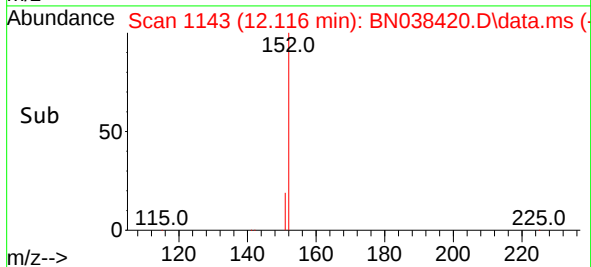
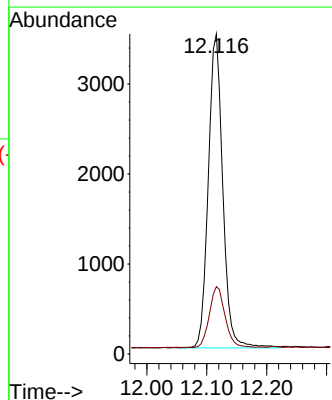
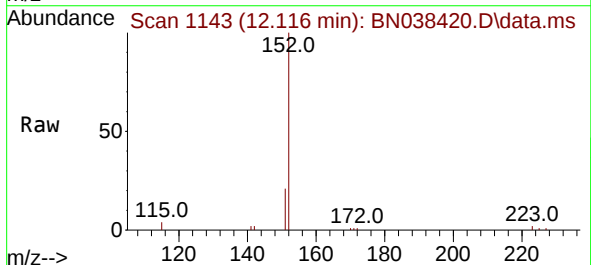
Instrument :
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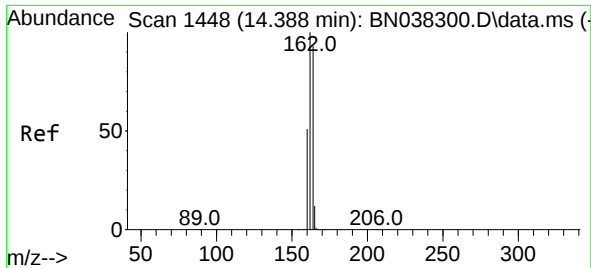
Tgt Ion: 82 Resp: 3684
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.0 51.0
 54 60.0 44.4 66.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.291 ng
 RT: 12.116 min Scan# 1143
 Delta R.T. -0.010 min
 Lab File: BN038420.D
 Acq: 16 Dec 2025 01:41

Tgt Ion: 152 Resp: 5849
 Ion Ratio Lower Upper
 152 100
 151 21.0 17.0 25.6

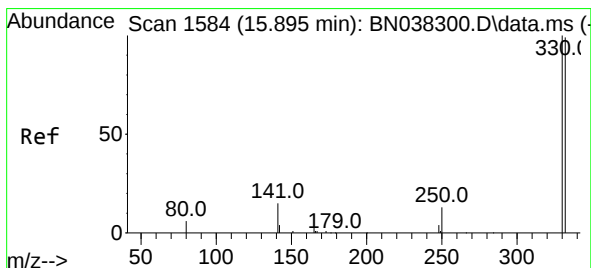
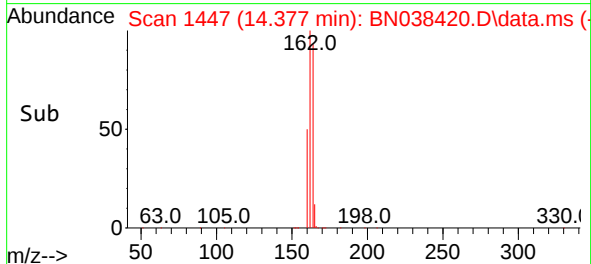
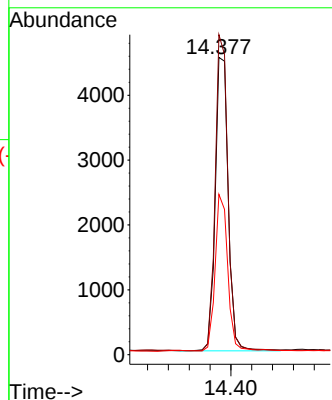
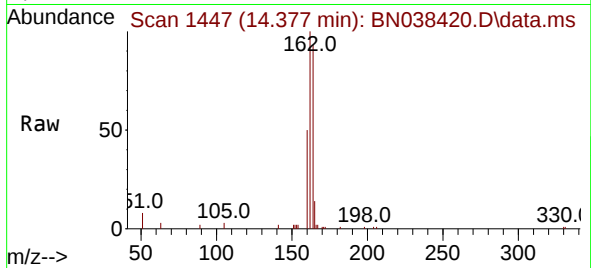




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 1447
Delta R.T. -0.021 min
Lab File: BN038420.D
Acq: 16 Dec 2025 01:41

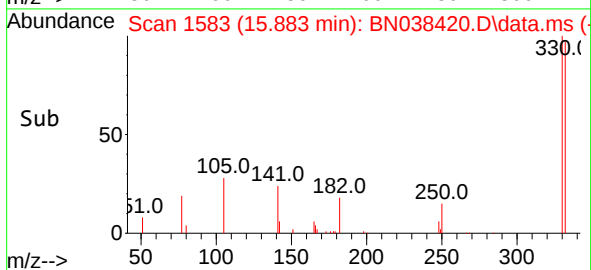
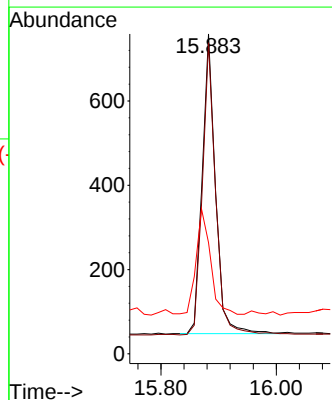
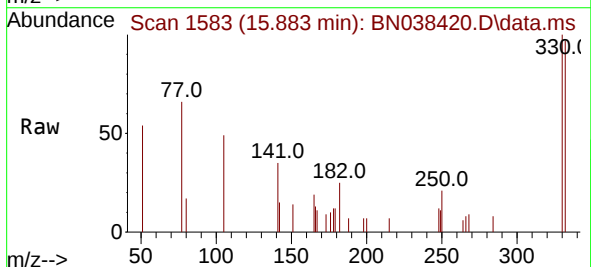
Instrument :
BNA_N
ClientSampleId :
C0AM7

Tgt Ion:164 Resp: 7810
Ion Ratio Lower Upper
164 100
162 107.6 86.2 129.4
160 53.9 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.328 ng
RT: 15.883 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038420.D
Acq: 16 Dec 2025 01:41

Tgt Ion:330 Resp: 1138
Ion Ratio Lower Upper
330 100
332 97.3 75.8 113.6
141 37.8 31.8 47.8

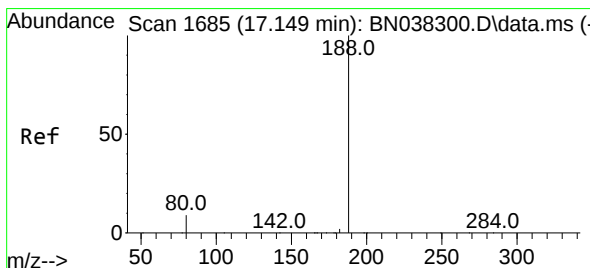
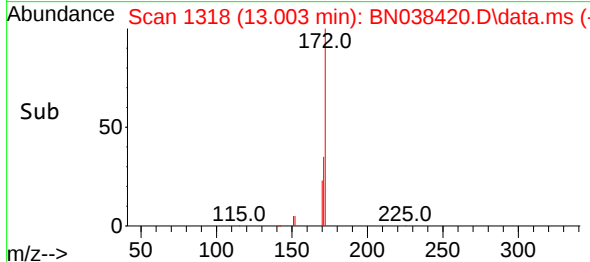
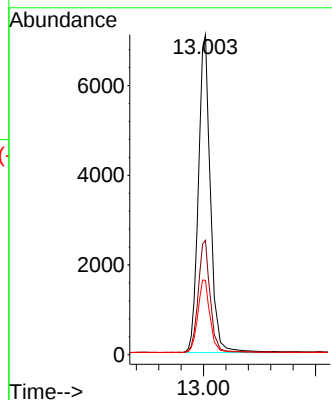
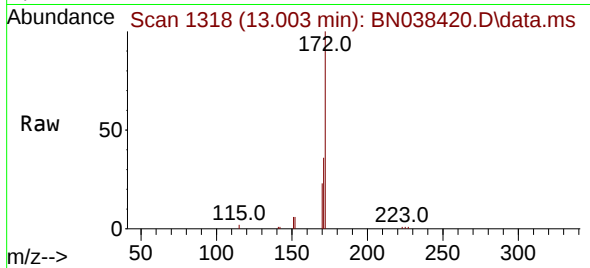




#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 13.003 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN038420.D
Acq: 16 Dec 2025 01:41

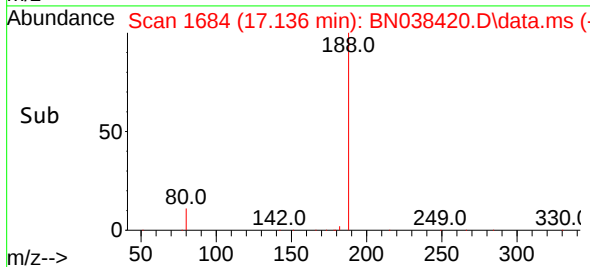
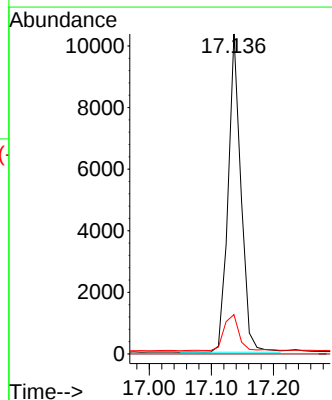
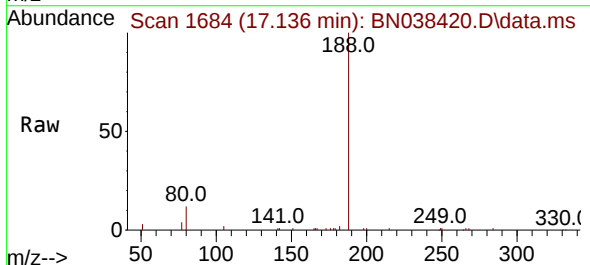
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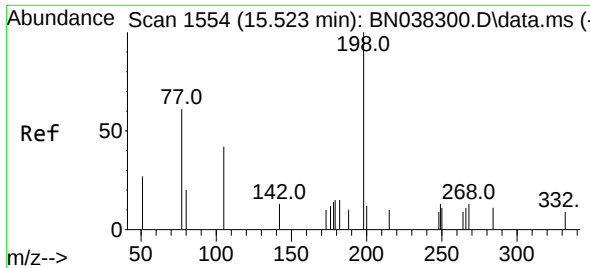
Tgt Ion:172 Resp: 14581
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 23.2 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038420.D
Acq: 16 Dec 2025 01:41

Tgt Ion:188 Resp: 14806
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 7.4 11.0#

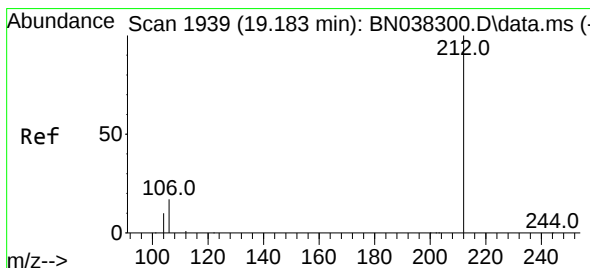
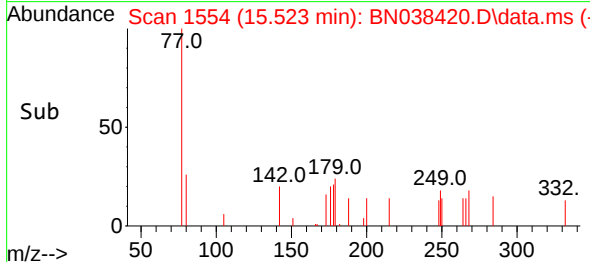
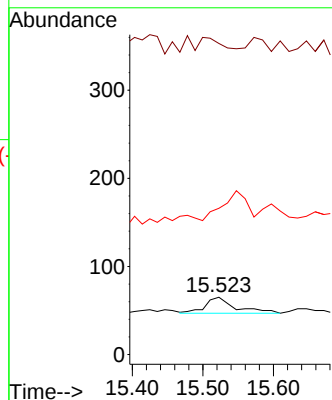
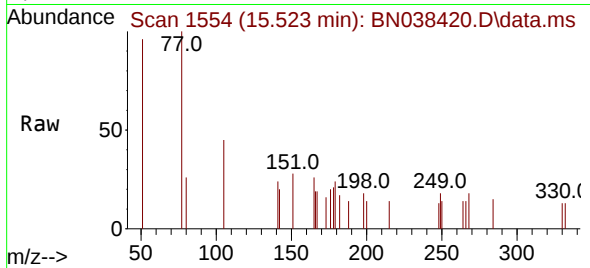




#20
4,6-Dinitro-2-methylphenol
Concen: 0.022 ng
RT: 15.523 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN038420.D
Acq: 16 Dec 2025 01:41

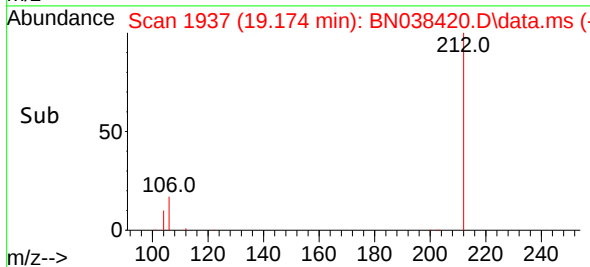
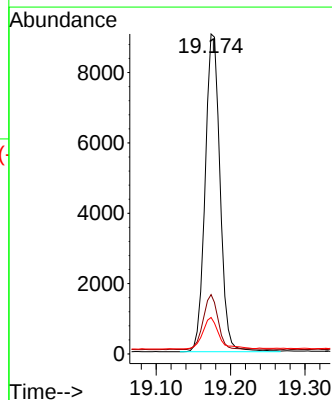
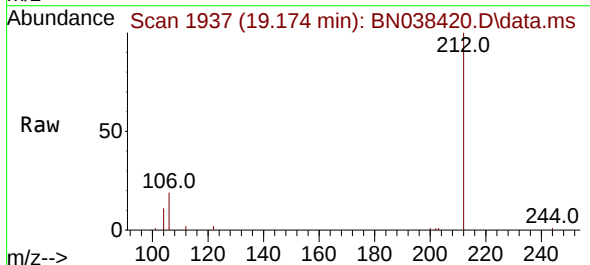
Instrument :
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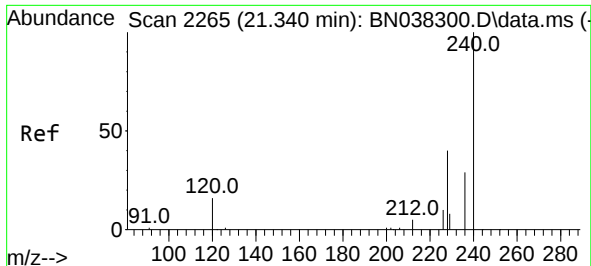
Tgt Ion:198 Resp: 53
Ion Ratio Lower Upper
198 100
51 543.1 86.3 129.5#
105 255.4 45.3 67.9#



#27
Fluoranthene-d10
Concen: 0.343 ng
RT: 19.174 min Scan# 1937
Delta R.T. -0.014 min
Lab File: BN038420.D
Acq: 16 Dec 2025 01:41

Tgt Ion:212 Resp: 12577
Ion Ratio Lower Upper
212 100
106 17.4 13.7 20.5
104 10.7 7.8 11.8

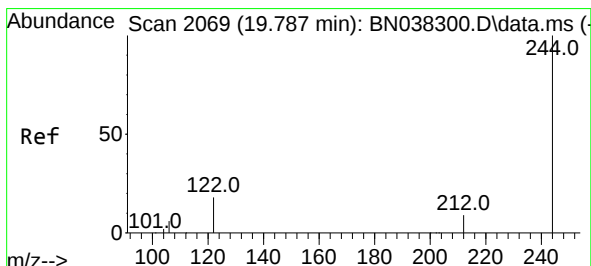
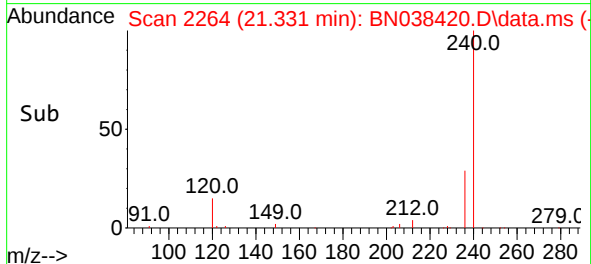
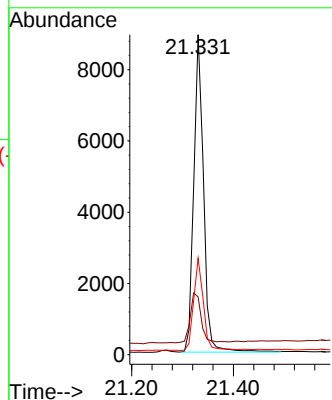
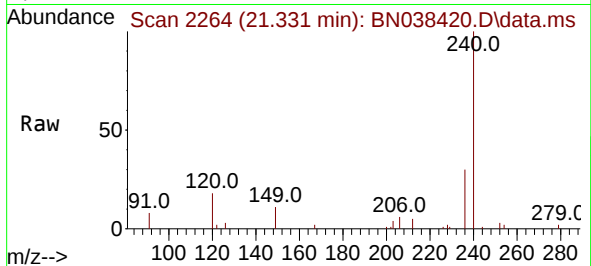




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038420.D
Acq: 16 Dec 2025 01:41

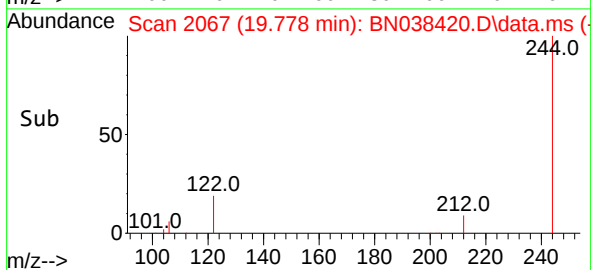
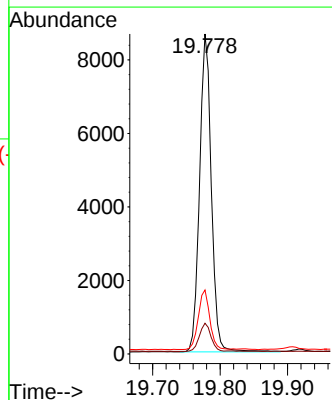
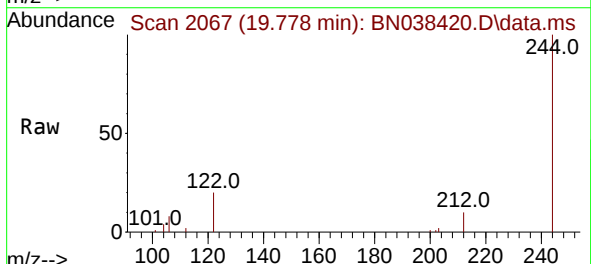
Instrument :
BNA_N
ClientSampleId :
C0AM7

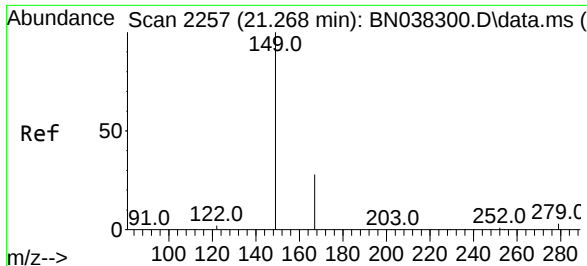
Tgt Ion:240 Resp: 11903
Ion Ratio Lower Upper
240 100
120 18.1 15.4 23.2
236 30.2 23.9 35.9



#31
Terphenyl-d14
Concen: 0.393 ng
RT: 19.778 min Scan# 2067
Delta R.T. -0.014 min
Lab File: BN038420.D
Acq: 16 Dec 2025 01:41

Tgt Ion:244 Resp: 10446
Ion Ratio Lower Upper
244 100
212 9.6 7.9 11.9
122 20.0 15.0 22.6

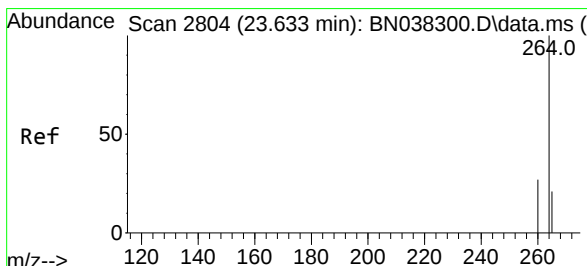
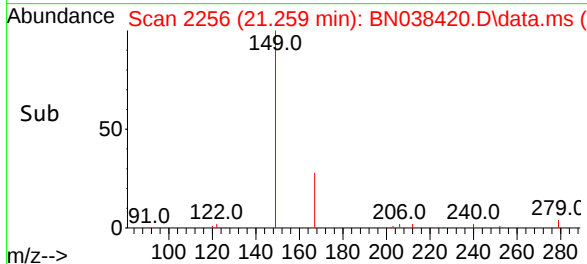
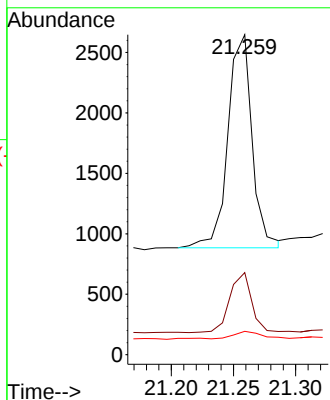
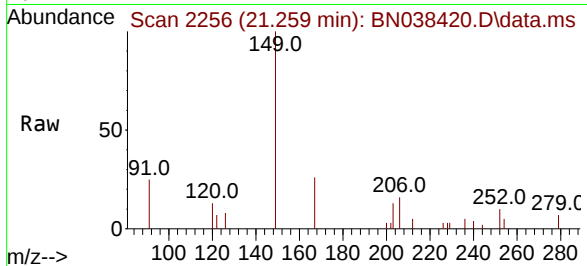




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.094 ng
 RT: 21.259 min Scan# 21256
 Delta R.T. -0.009 min
 Lab File: BN038420.D
 Acq: 16 Dec 2025 01:41

Instrument :
 BNA_N
 ClientSampleId :
 C0AM7

Tgt Ion:149 Resp: 2380
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.4 32.0
 279 4.2 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.616 min Scan# 2798
 Delta R.T. -0.017 min
 Lab File: BN038420.D
 Acq: 16 Dec 2025 01:41

Tgt Ion:264 Resp: 12223
 Ion Ratio Lower Upper
 264 100
 260 28.0 22.2 33.2
 265 85.4 80.2 120.2

