

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
 Data File : BN038457.D
 Acq On : 17 Dec 2025 00:47
 Operator : RC/JU
 Sample : Q3849-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-06-7-121125

Quant Time: Dec 17 02:59:33 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)

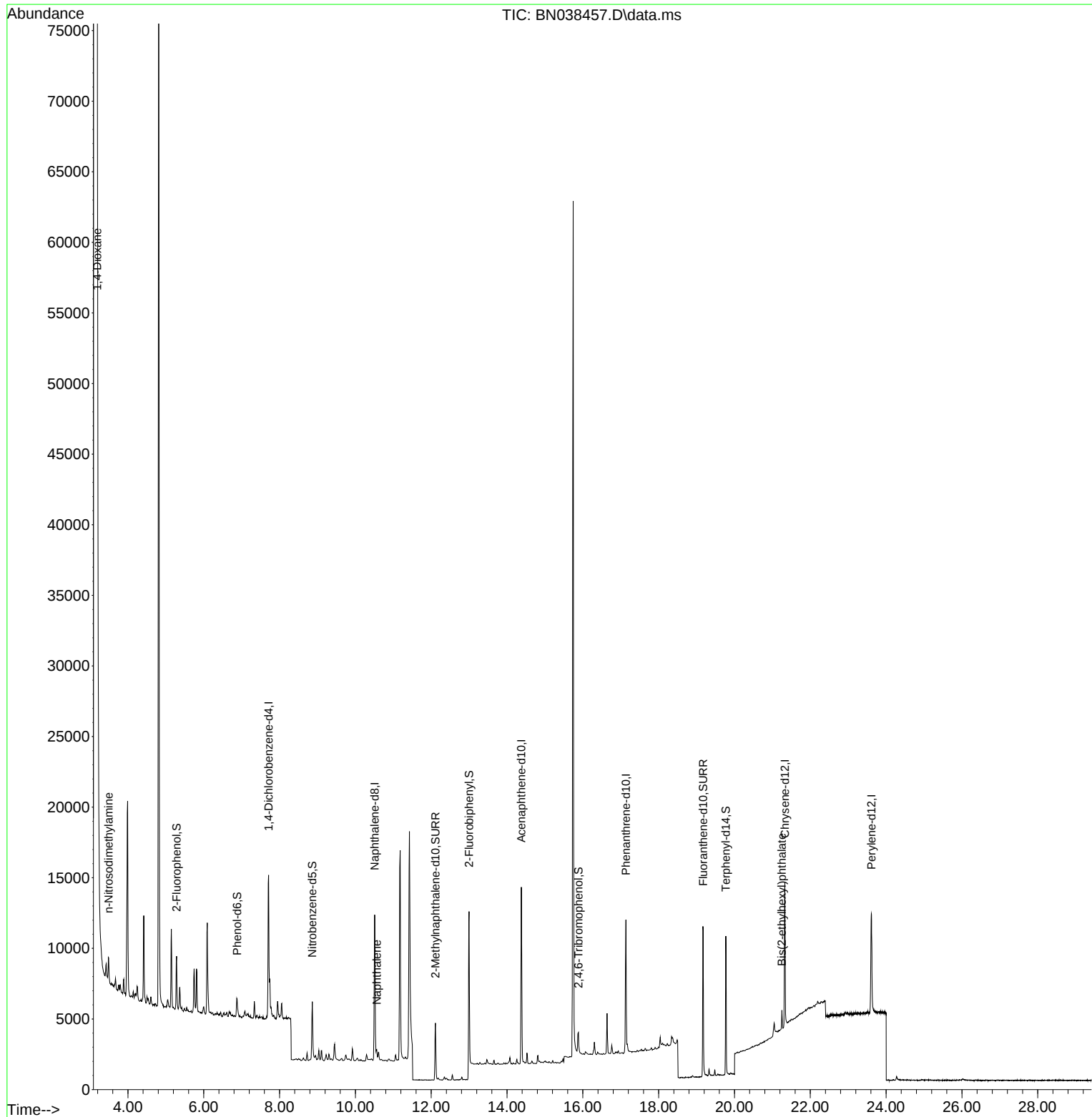
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	5167	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	13808	0.400	ng	#-0.02
13) Acenaphthene-d10	14.377	164	7129	0.400	ng	-0.02
19) Phenanthrene-d10	17.136	188	13001	0.400	ng	-0.01
29) Chrysene-d12	21.331	240	10074	0.400	ng	# 0.00
35) Perylene-d12	23.610	264	10202	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1764	0.137	ng	0.00
5) Phenol-d6	6.879	99	1300	0.085	ng	0.00
8) Nitrobenzene-d5	8.864	82	3541	0.304	ng	-0.01
11) 2-Methylnaphthalene-d10	12.111	152	5797	0.298	ng	-0.02
14) 2,4,6-Tribromophenol	15.882	330	970	0.307	ng	-0.01
15) 2-Fluorobiphenyl	12.998	172	15115	0.440	ng	-0.01
27) Fluoranthene-d10	19.173	212	11614	0.361	ng	-0.01
31) Terphenyl-d14	19.773	244	8994	0.400	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	3417	0.577	ng	# 1
3) n-Nitrosodimethylamine	3.492	42	240	0.032	ng	# 1
9) Naphthalene	10.562	128	999	0.024	ng	# 74
34) Bis(2-ethylhexyl)phtha...	21.250	149	1245	0.058	ng	# 99

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

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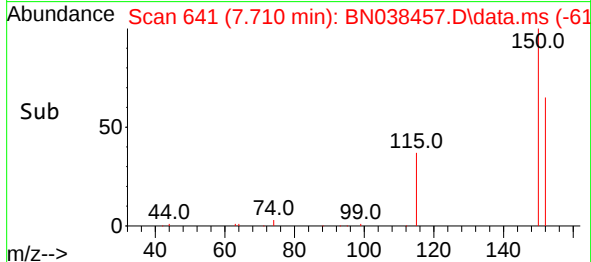
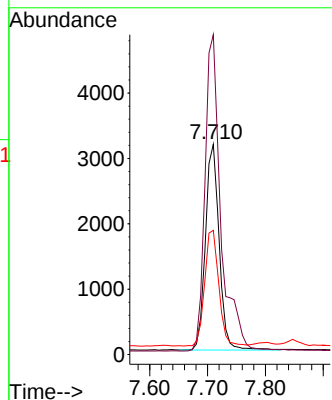
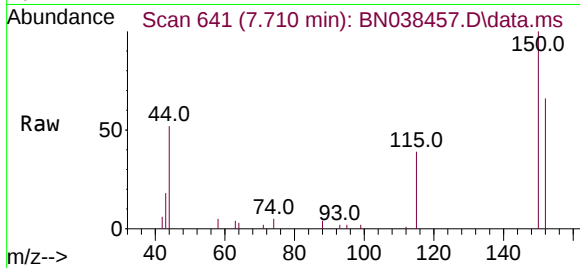




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.710 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN038457.D
 Acq: 17 Dec 2025 00:47

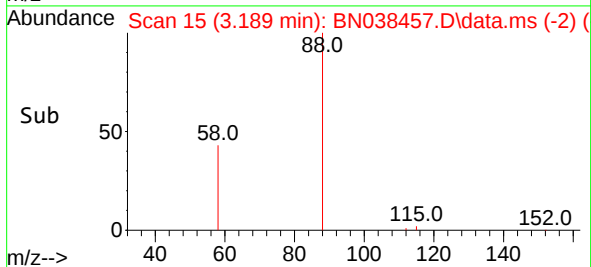
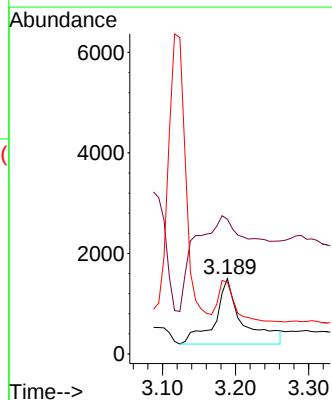
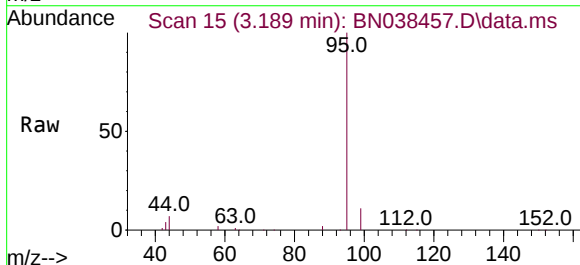
Instrument :
 BNA_N
 ClientSampleId :
 MW-06-7-121125

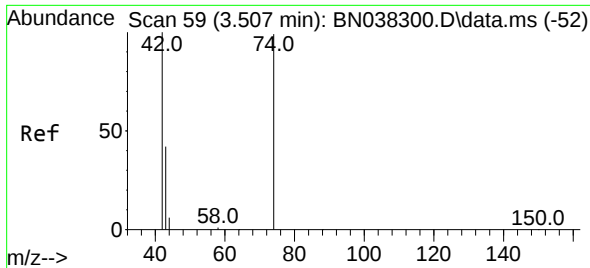
Tgt Ion:152 Resp: 5167
 Ion Ratio Lower Upper
 152 100
 150 152.1 122.4 183.6
 115 59.0 47.3 70.9



#2
 1,4-Dioxane
 Concen: 0.577 ng
 RT: 3.189 min Scan# 15
 Delta R.T. -0.007 min
 Lab File: BN038457.D
 Acq: 17 Dec 2025 00:47

Tgt Ion: 88 Resp: 3417
 Ion Ratio Lower Upper
 88 100
 43 341.3 24.9 37.3#
 58 36.0 61.4 92.0#

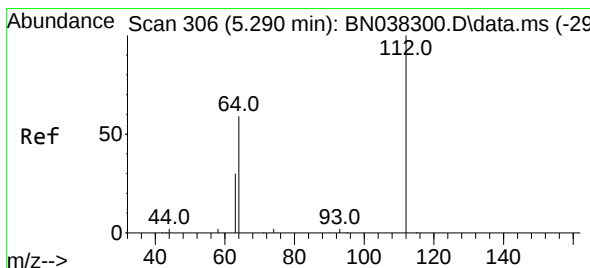
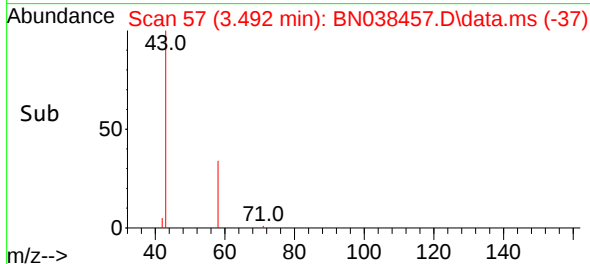
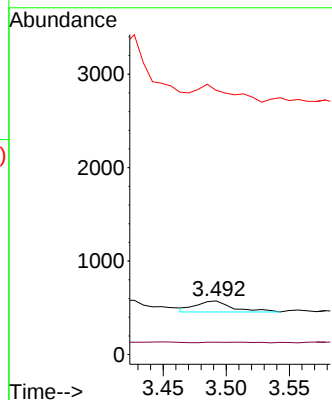
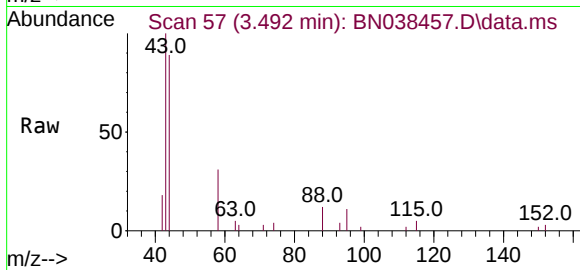




#3
 n-Nitrosodimethylamine
 Concen: 0.032 ng
 RT: 3.492 min Scan# 51
 Delta R.T. -0.007 min
 Lab File: BN038457.D
 Acq: 17 Dec 2025 00:47

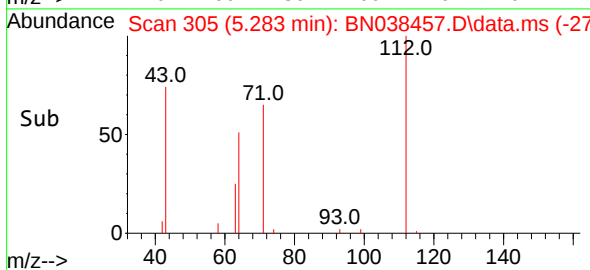
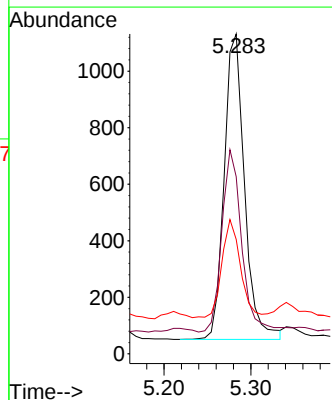
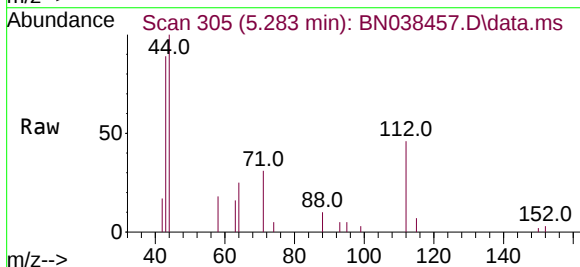
Instrument :
 BNA_N
 ClientSampleId :
 MW-06-7-121125

Tgt Ion: 42 Resp: 240
 Ion Ratio Lower Upper
 42 100
 74 2.5 95.3 142.9#
 44 139.2 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: BN038457.D
 Acq: 17 Dec 2025 00:47

Tgt Ion: 112 Resp: 1764
 Ion Ratio Lower Upper
 112 100
 64 59.0 44.4 66.6
 63 29.4 23.4 35.0

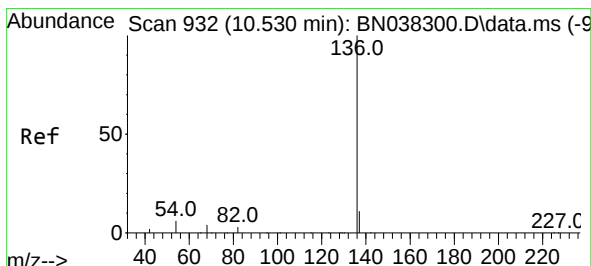
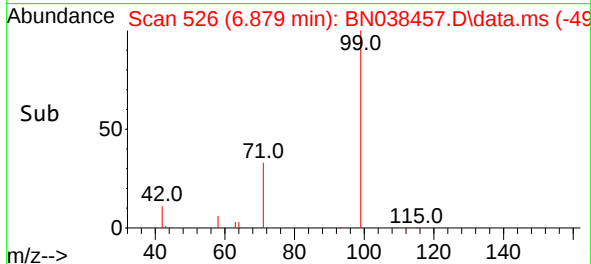
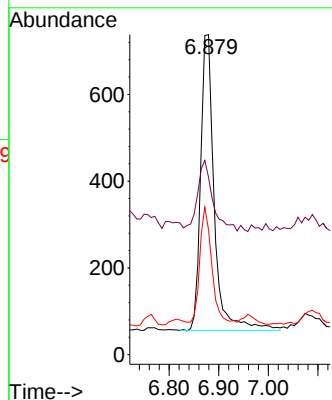
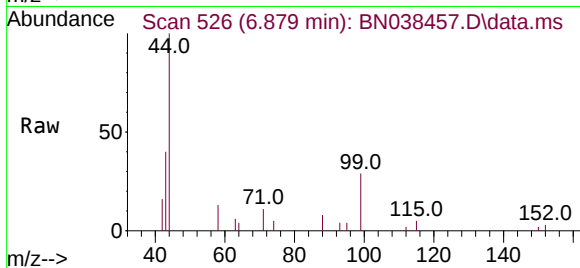




#5
Phenol-d6
Concen: 0.085 ng
RT: 6.879 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN038457.D
Acq: 17 Dec 2025 00:47

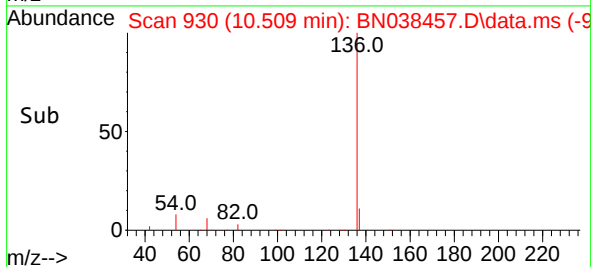
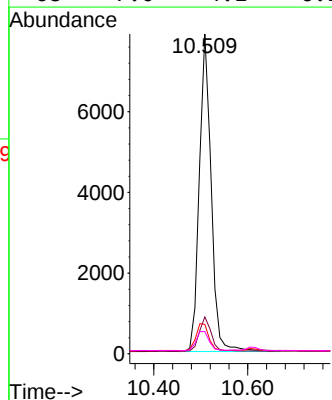
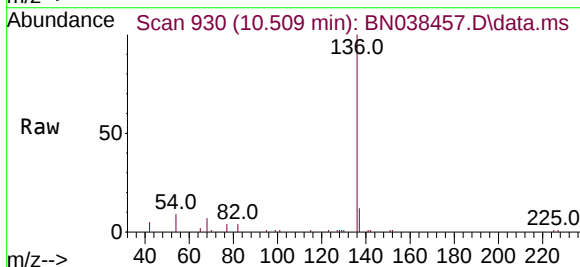
Instrument :
BNA_N
ClientSampleId :
MW-06-7-121125

Tgt Ion: 99 Resp: 1300
Ion Ratio Lower Upper
99 100
42 27.8 16.5 24.7#
71 35.9 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: BN038457.D
Acq: 17 Dec 2025 00:47

Tgt Ion: 136 Resp: 13808
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 9.2 5.2 7.8#
68 7.0 4.1 6.1#

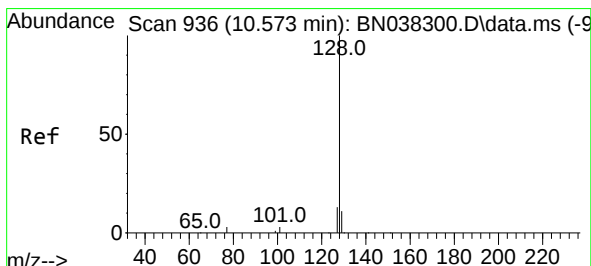
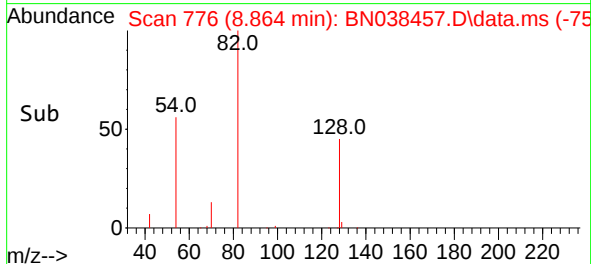
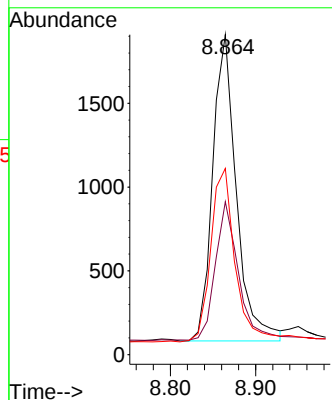
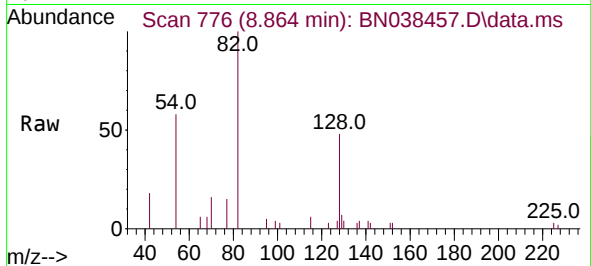




#8
 Nitrobenzene-d5
 Concen: 0.304 ng
 RT: 8.864 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN038457.D
 Acq: 17 Dec 2025 00:47

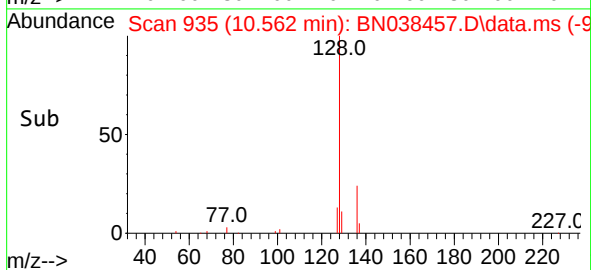
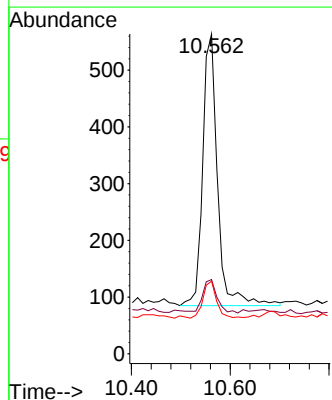
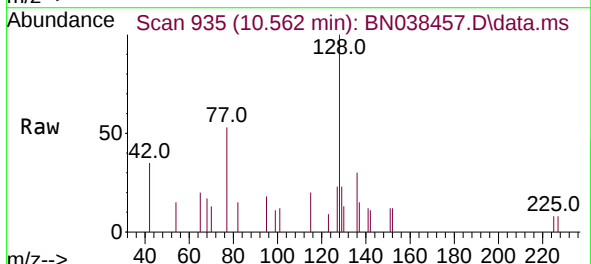
Instrument :
 BNA_N
 ClientSampleId :
 MW-06-7-121125

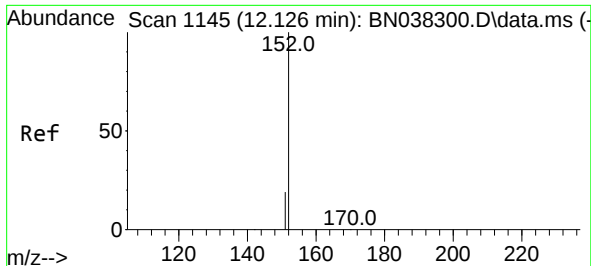
Tgt Ion: 82 Resp: 3541
 Ion Ratio Lower Upper
 82 100
 128 47.8 34.0 51.0
 54 58.2 44.4 66.6



#9
 Naphthalene
 Concen: 0.024 ng
 RT: 10.562 min Scan# 935
 Delta R.T. -0.011 min
 Lab File: BN038457.D
 Acq: 17 Dec 2025 00:47

Tgt Ion: 128 Resp: 999
 Ion Ratio Lower Upper
 128 100
 129 23.2 9.1 13.7#
 127 22.7 10.9 16.3#

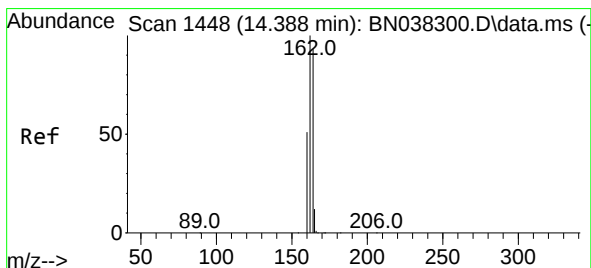
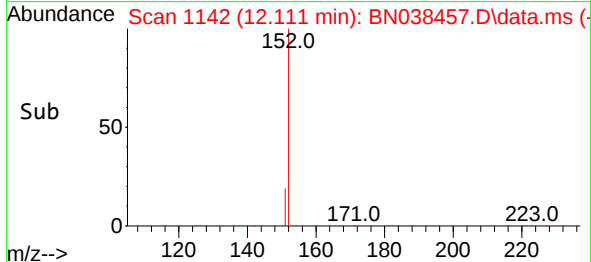
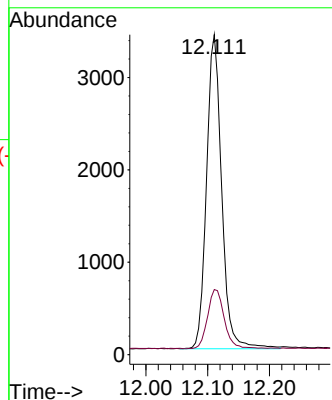
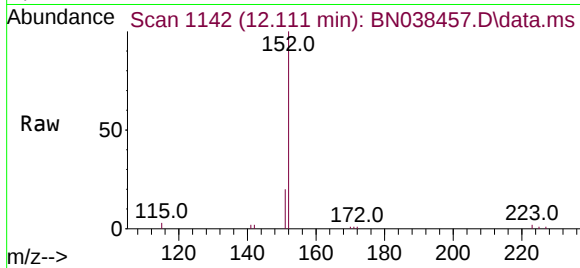




#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.111 min Scan# 1142
Delta R.T. -0.015 min
Lab File: BN038457.D
Acq: 17 Dec 2025 00:47

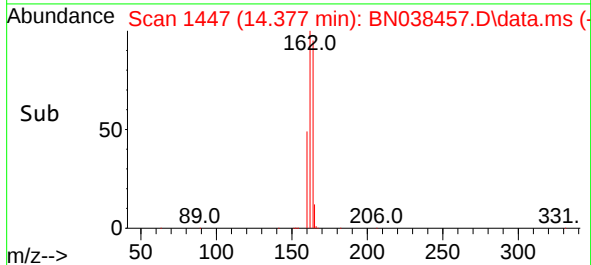
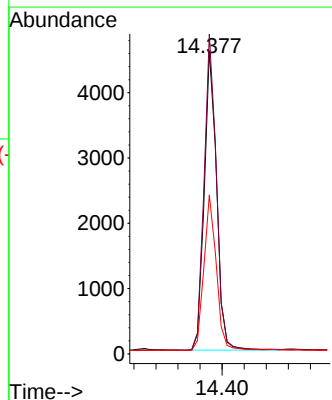
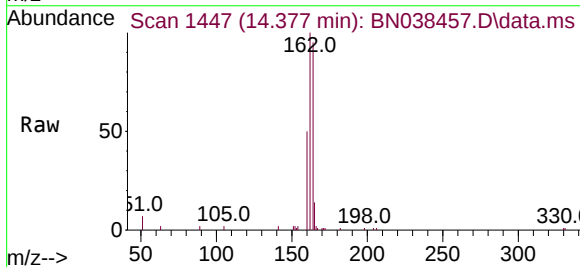
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MW-06-7-121125

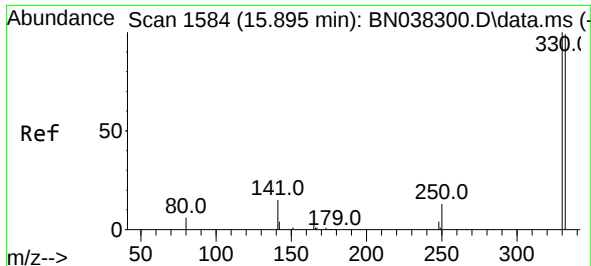
Tgt Ion:152 Resp: 5797
Ion Ratio Lower Upper
152 100
151 21.0 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 1447
Delta R.T. -0.021 min
Lab File: BN038457.D
Acq: 17 Dec 2025 00:47

Tgt Ion:164 Resp: 7129
Ion Ratio Lower Upper
164 100
162 105.6 86.2 129.4
160 52.4 44.6 67.0

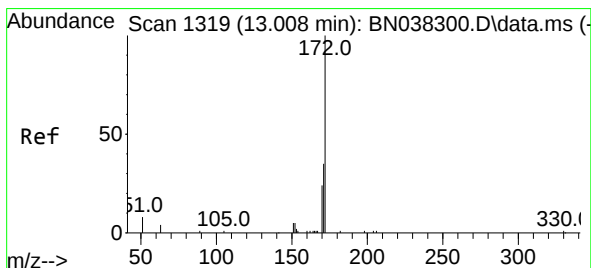
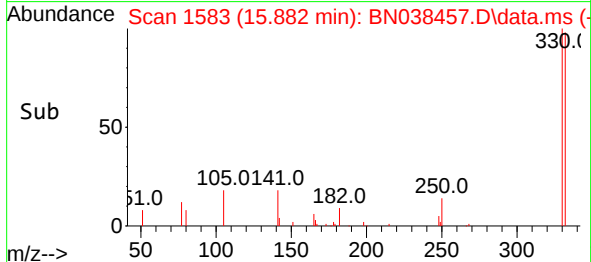
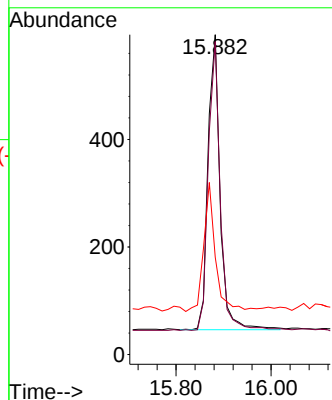
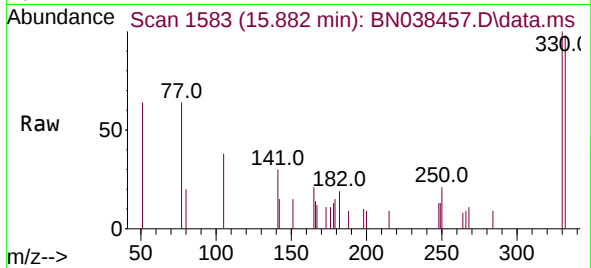




#14
2,4,6-Tribromophenol
Concen: 0.307 ng
RT: 15.882 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN038457.D
Acq: 17 Dec 2025 00:47

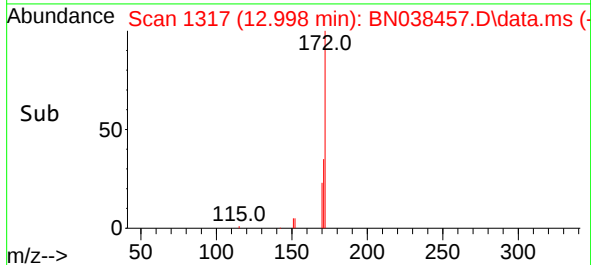
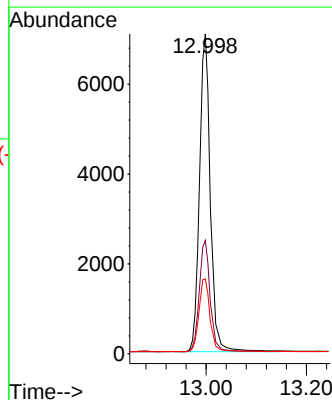
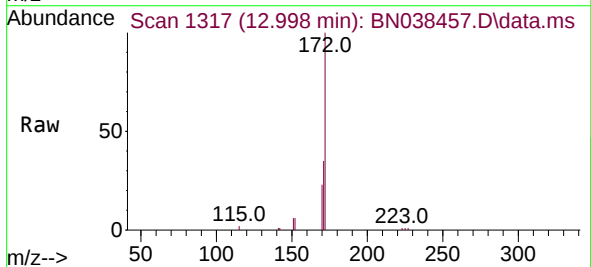
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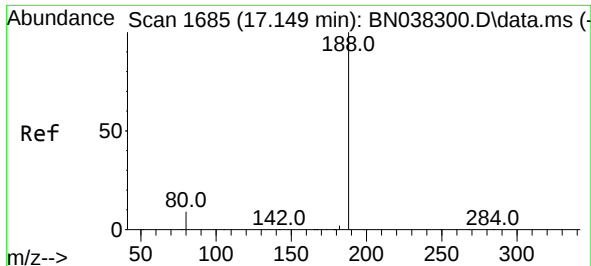
Tgt Ion: 330 Resp: 970
Ion Ratio Lower Upper
330 100
332 96.5 75.8 113.6
141 42.6 31.8 47.8



#15
2-Fluorobiphenyl
Concen: 0.440 ng
RT: 12.998 min Scan# 1317
Delta R.T. -0.010 min
Lab File: BN038457.D
Acq: 17 Dec 2025 00:47

Tgt Ion: 172 Resp: 15115
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.4 19.3 28.9

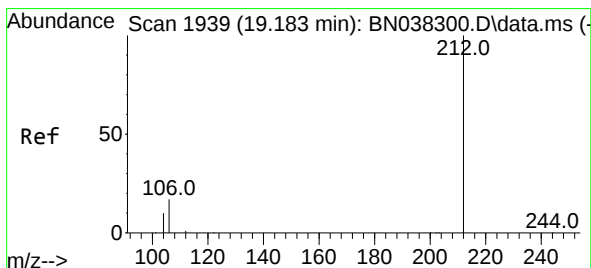
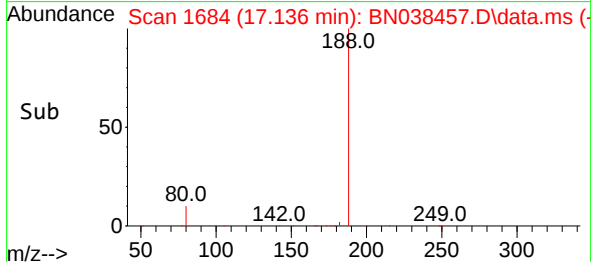
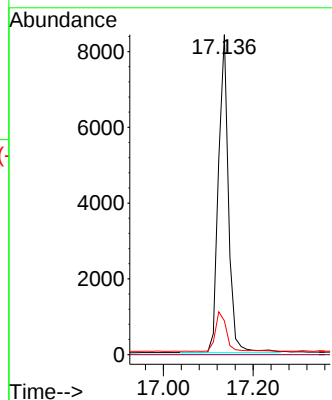
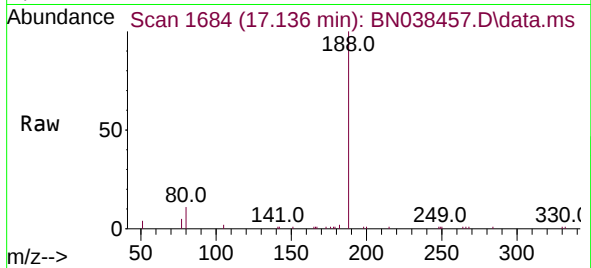




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038457.D
Acq: 17 Dec 2025 00:47

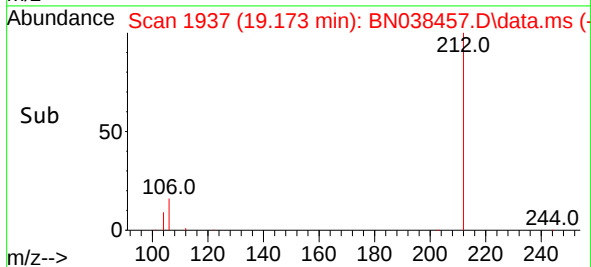
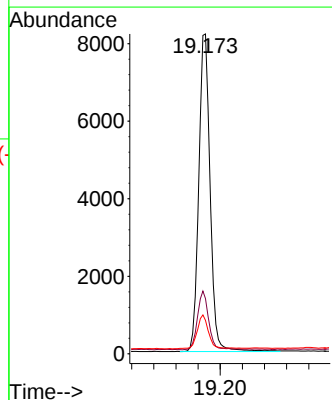
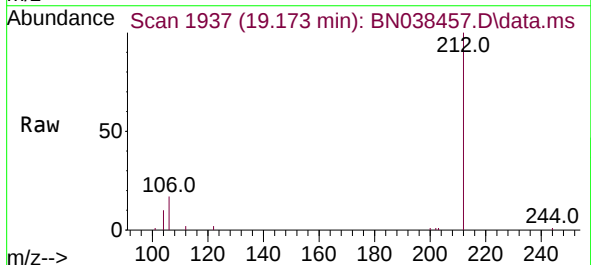
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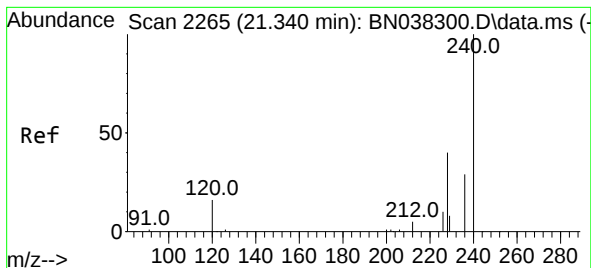
Tgt Ion:188 Resp: 13001
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 7.4 11.0



#27
Fluoranthene-d10
Concen: 0.361 ng
RT: 19.173 min Scan# 1937
Delta R.T. -0.014 min
Lab File: BN038457.D
Acq: 17 Dec 2025 00:47

Tgt Ion:212 Resp: 11614
Ion Ratio Lower Upper
212 100
106 18.4 13.7 20.5
104 10.5 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: BN038457.D

Acq: 17 Dec 2025 00:47

Instrument :

BNA_N

ClientSampleId :

MW-06-7-121125

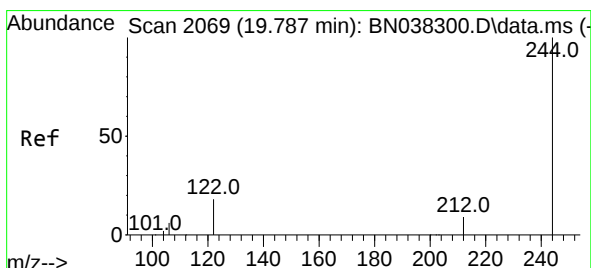
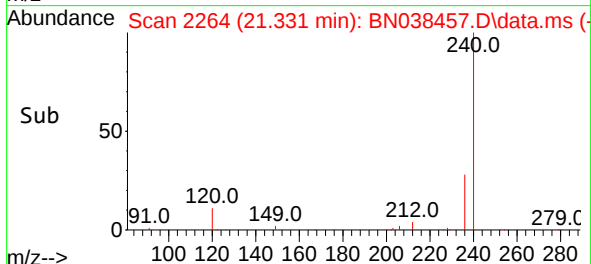
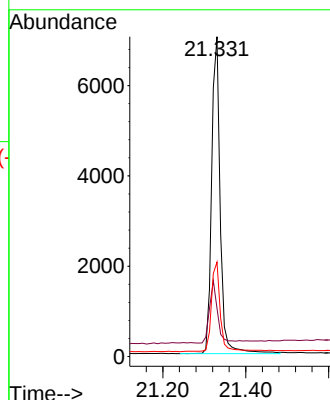
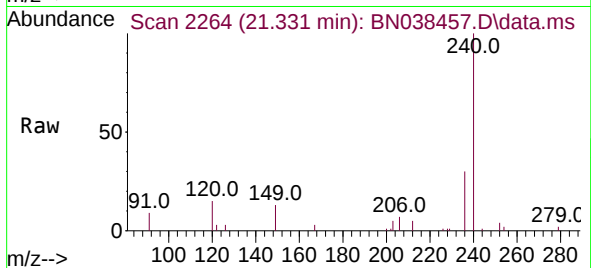
Tgt Ion:240 Resp: 10074

Ion Ratio Lower Upper

240 100

120 15.1 15.4 23.2#

236 29.5 23.9 35.9



#31

Terphenyl-d14

Concen: 0.400 ng

RT: 19.773 min Scan# 2066

Delta R.T. -0.019 min

Lab File: BN038457.D

Acq: 17 Dec 2025 00:47

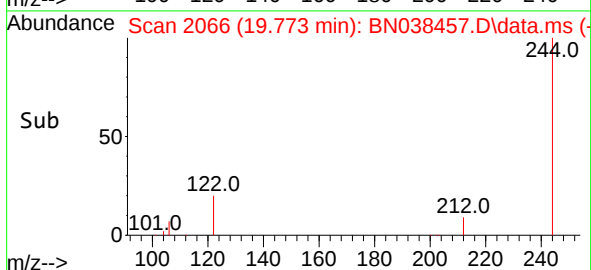
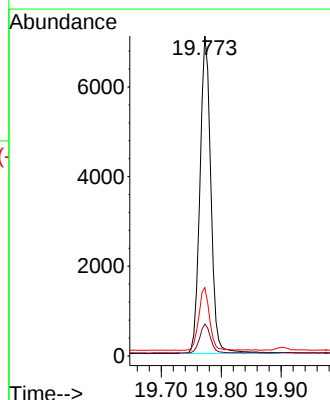
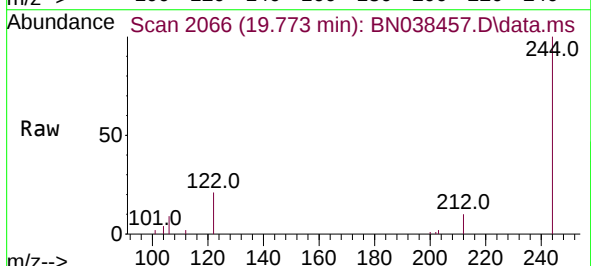
Tgt Ion:244 Resp: 8994

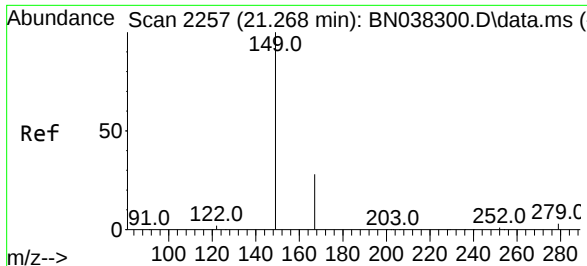
Ion Ratio Lower Upper

244 100

212 9.9 7.9 11.9

122 21.3 15.0 22.6

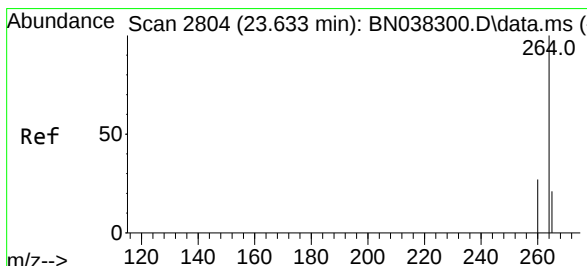
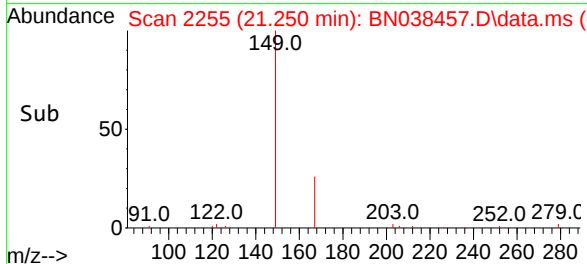
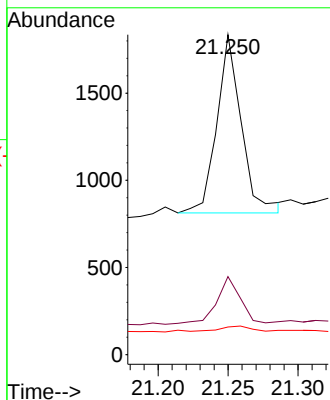
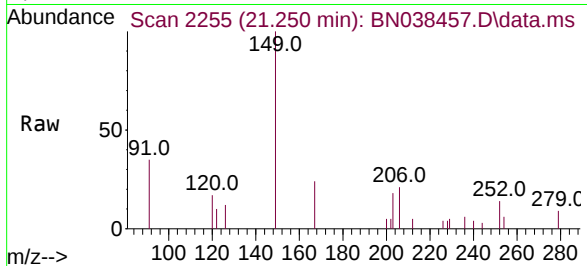




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.058 ng
 RT: 21.250 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN038457.D
 Acq: 17 Dec 2025 00:47

Instrument :
 BNA_N
 ClientSampleId :
 MW-06-7-121125

Tgt Ion:149 Resp: 1245
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.4 32.0
 279 5.4 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.610 min Scan# 2796
 Delta R.T. -0.023 min
 Lab File: BN038457.D
 Acq: 17 Dec 2025 00:47

Tgt Ion:264 Resp: 10202
 Ion Ratio Lower Upper
 264 100
 260 28.2 22.2 33.2
 265 90.4 80.2 120.2

