

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
 Data File : BN038078.D
 Acq On : 13 Oct 2025 21:00
 Operator : RC/JU
 Sample : Q3324-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-840-842

Quant Time: Oct 14 02:39:55 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)

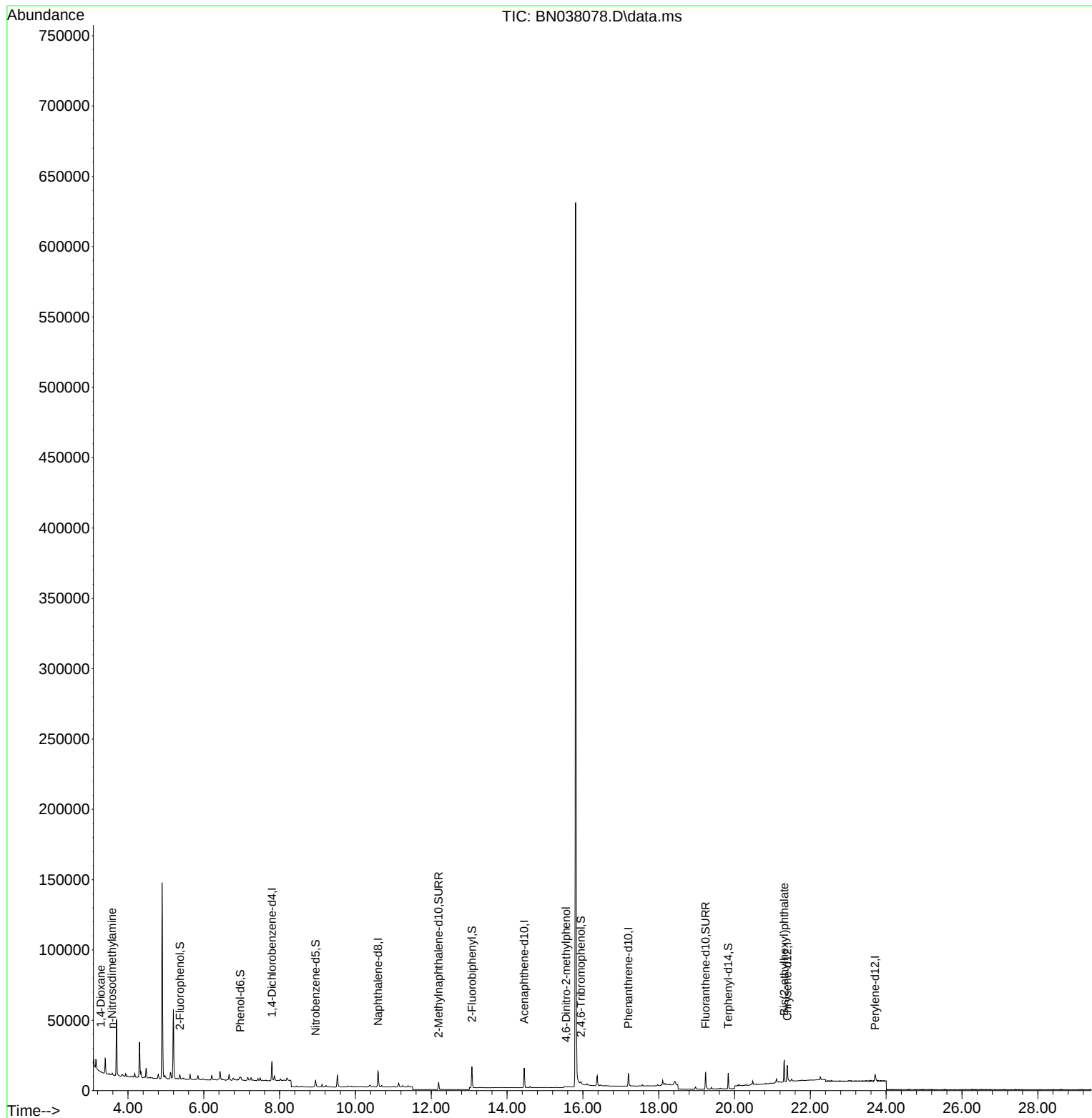
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	5887	0.400	ng	-0.03
7) Naphthalene-d8	10.594	136	15917	0.400	ng	#-0.03
13) Acenaphthene-d10	14.452	164	7552	0.400	ng	-0.02
19) Phenanthrene-d10	17.198	188	13324	0.400	ng	#-0.02
29) Chrysene-d12	21.393	240	12137	0.400	ng	0.00
35) Perylene-d12	23.709	264	7289	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	2356	0.175	ng	-0.01
5) Phenol-d6	6.959	99	1652	0.094	ng	-0.01
8) Nitrobenzene-d5	8.950	82	3837	0.316	ng	-0.02
11) 2-Methylnaphthalene-d10	12.192	152	7064	0.320	ng	-0.03
14) 2,4,6-Tribromophenol	15.944	330	871	0.304	ng	-0.02
15) 2-Fluorobiphenyl	13.073	172	12285	0.397	ng	-0.02
27) Fluoranthene-d10	19.239	212	12789	0.382	ng	-0.01
31) Terphenyl-d14	19.833	244	10679	0.442	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.283	88	364	0.061	ng	# 22
3) n-Nitrosodimethylamine	3.579	42	266	0.033	ng	# 14
20) 4,6-Dinitro-2-methylph...	15.560	198	10	0.074	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.313	149	15612	0.930	ng	100

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

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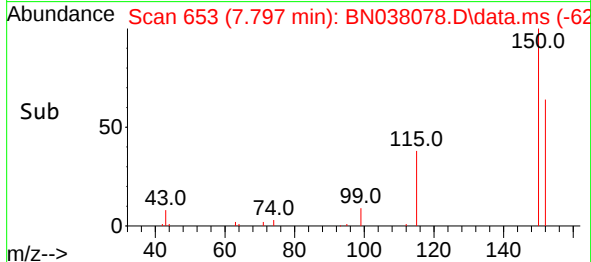
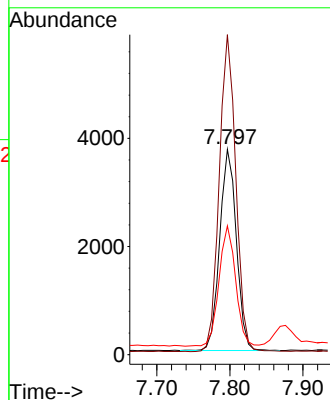
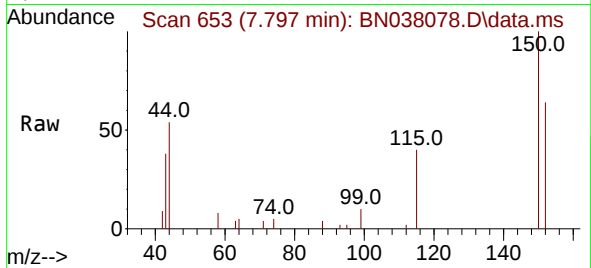




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.797 min Scan# 61
 Delta R.T. -0.028 min
 Lab File: BN038078.D
 Acq: 13 Oct 2025 21:00

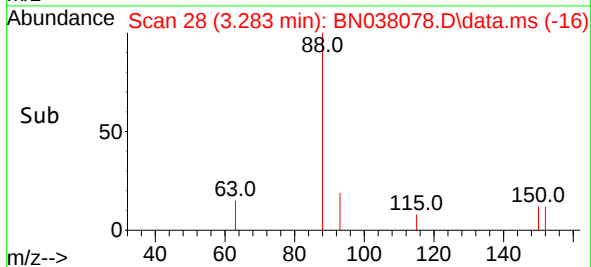
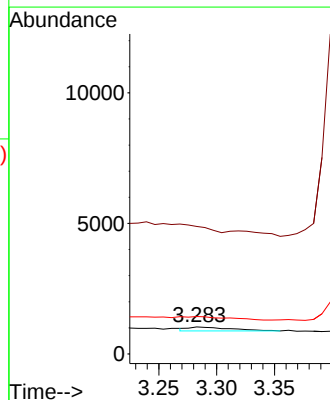
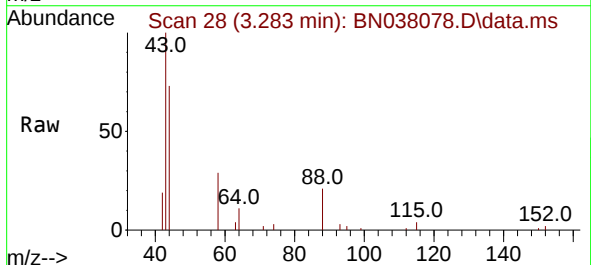
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-840-842

Tgt Ion:152 Resp: 5887
 Ion Ratio Lower Upper
 152 100
 150 155.8 121.0 181.4
 115 62.7 47.4 71.0



#2
 1,4-Dioxane
 Concen: 0.061 ng
 RT: 3.283 min Scan# 28
 Delta R.T. -0.015 min
 Lab File: BN038078.D
 Acq: 13 Oct 2025 21:00

Tgt Ion: 88 Resp: 364
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.6 39.8#
 58 0.0 58.9 88.3#

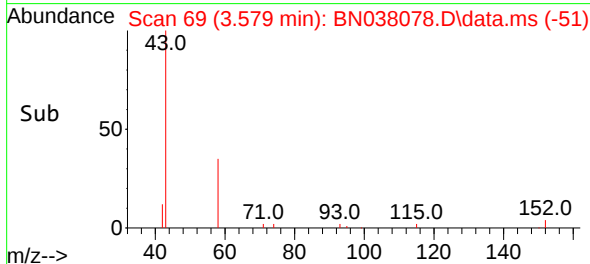
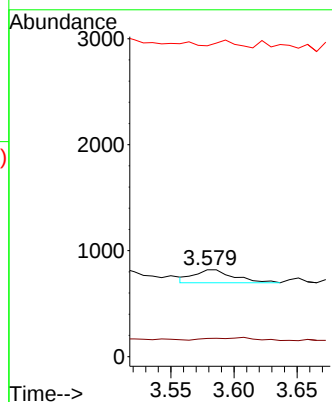
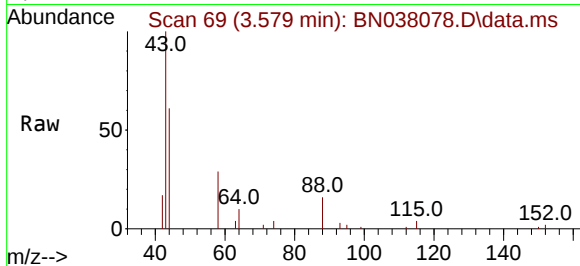




#3
 n-Nitrosodimethylamine
 Concen: 0.033 ng
 RT: 3.579 min Scan# 61
 Delta R.T. -0.022 min
 Lab File: BN038078.D
 Acq: 13 Oct 2025 21:00

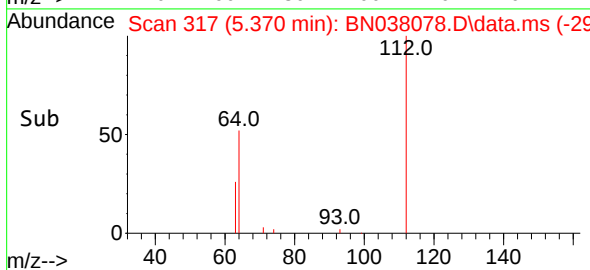
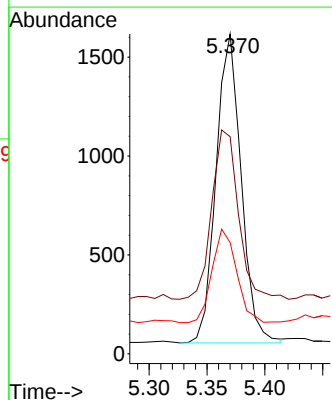
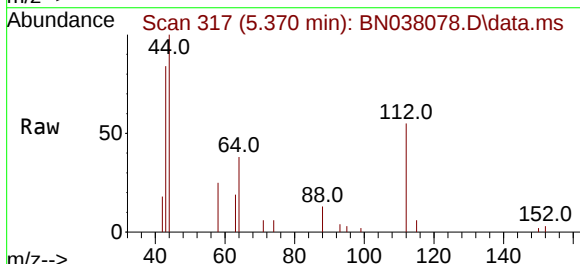
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-840-842

Tgt Ion: 42 Resp: 266
 Ion Ratio Lower Upper
 42 100
 74 0.0 93.4 140.0#
 44 28.2 22.2 33.4



#4
 2-Fluorophenol
 Concen: 0.175 ng
 RT: 5.370 min Scan# 317
 Delta R.T. -0.015 min
 Lab File: BN038078.D
 Acq: 13 Oct 2025 21:00

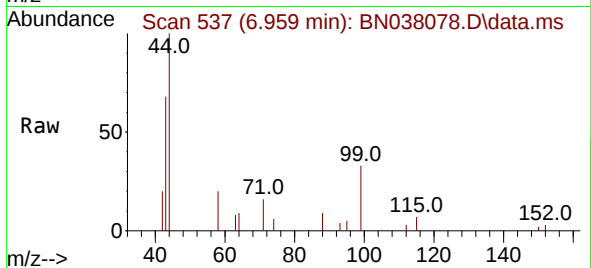
Tgt Ion: 112 Resp: 2356
 Ion Ratio Lower Upper
 112 100
 64 57.9 44.6 66.8
 63 29.5 24.9 37.3



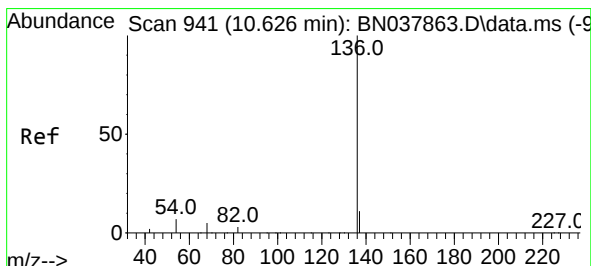
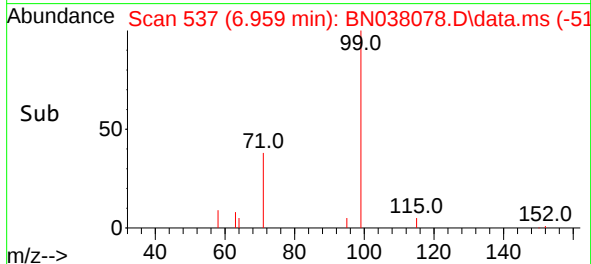
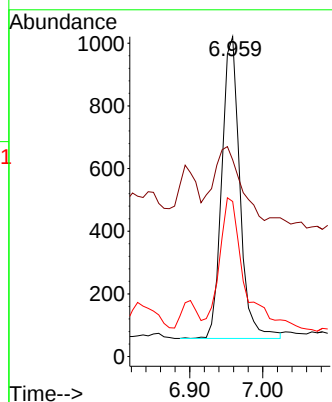


#5
Phenol-d6
Concen: 0.094 ng
RT: 6.959 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN038078.D
Acq: 13 Oct 2025 21:00

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-840-842

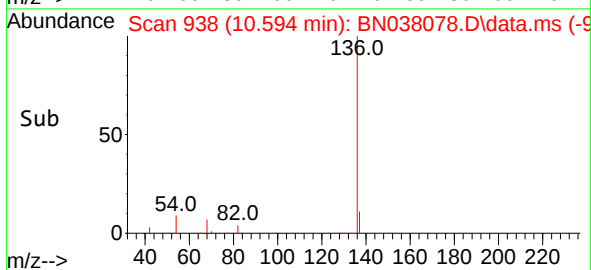
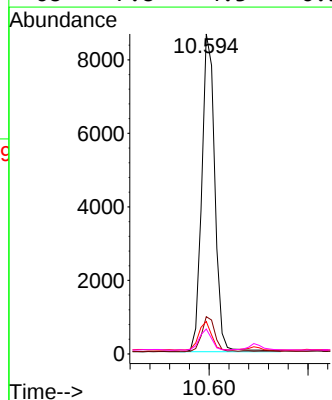
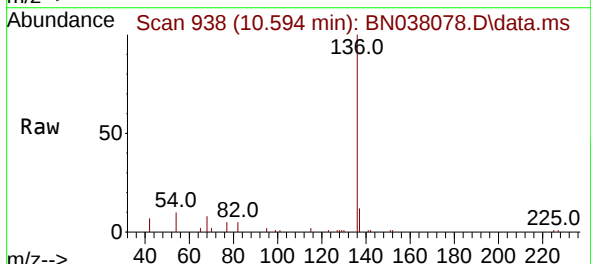


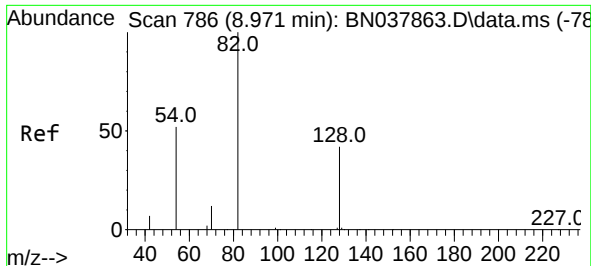
Tgt Ion:	99	Resp:	1652
Ion	Ratio	Lower	Upper
99	100		
42	36.1	17.2	25.8#
71	63.3	27.3	40.9#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 938
Delta R.T. -0.032 min
Lab File: BN038078.D
Acq: 13 Oct 2025 21:00

Tgt Ion:	136	Resp:	15917
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.4
54	10.2	5.8	8.8#
68	7.8	4.3	6.5#

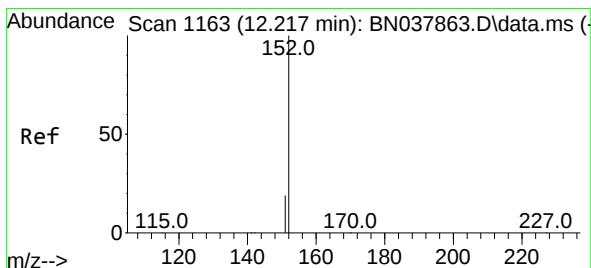
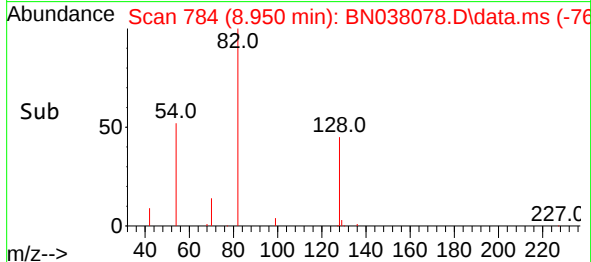
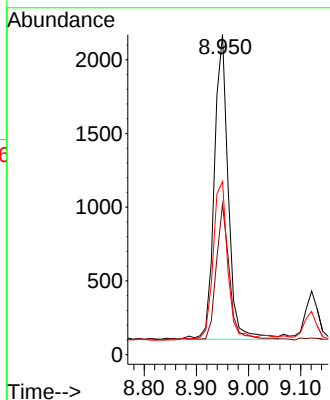
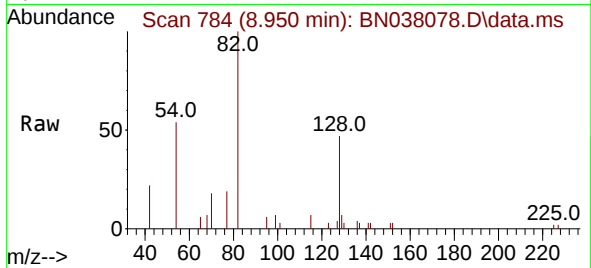




#8
 Nitrobenzene-d5
 Concen: 0.316 ng
 RT: 8.950 min Scan# 71
 Delta R.T. -0.021 min
 Lab File: BN038078.D
 Acq: 13 Oct 2025 21:00

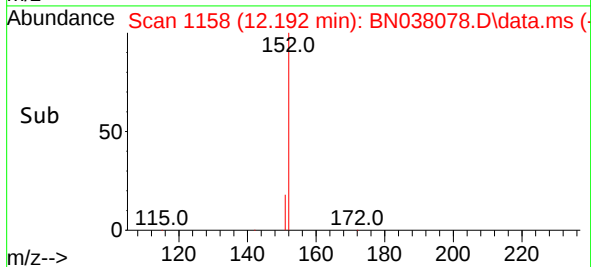
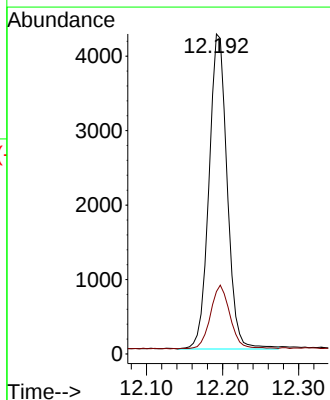
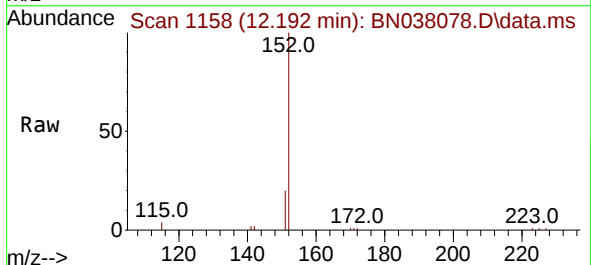
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-840-842

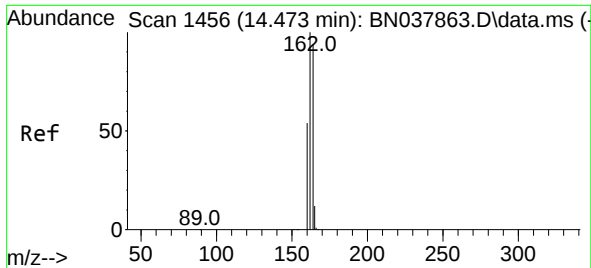
Tgt Ion: 82 Resp: 3837
 Ion Ratio Lower Upper
 82 100
 128 47.0 34.8 52.2
 54 54.1 42.2 63.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.320 ng
 RT: 12.192 min Scan# 1158
 Delta R.T. -0.025 min
 Lab File: BN038078.D
 Acq: 13 Oct 2025 21:00

Tgt Ion: 152 Resp: 7064
 Ion Ratio Lower Upper
 152 100
 151 21.8 17.4 26.2

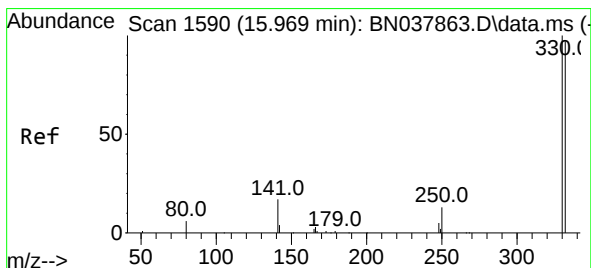
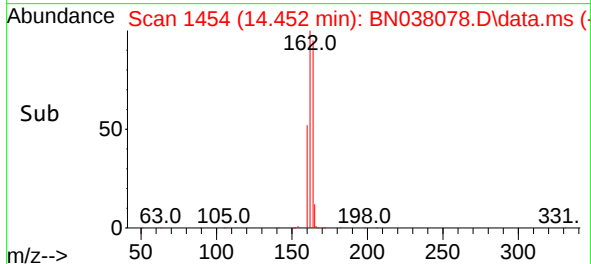
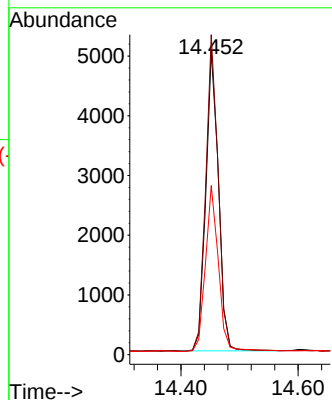
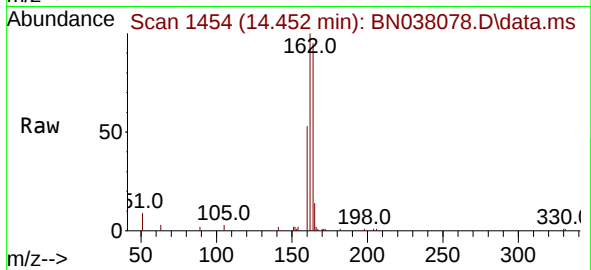




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.452 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN038078.D
Acq: 13 Oct 2025 21:00

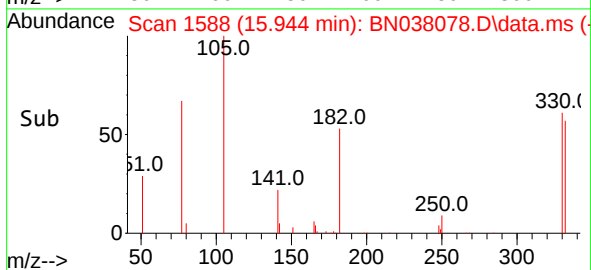
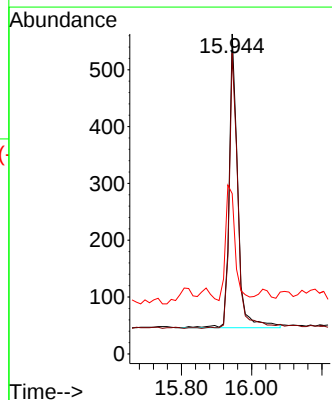
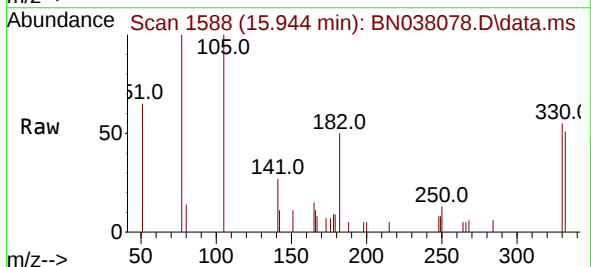
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ClientSampleId :
BP-VPB-184-GW-840-842

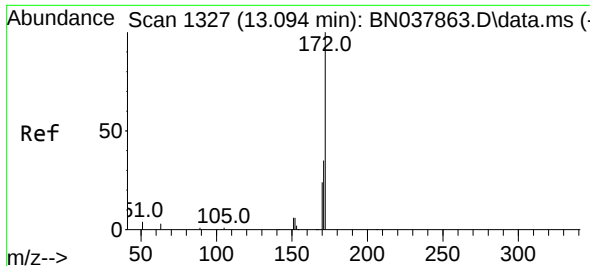
Tgt Ion:164 Resp: 7552
Ion Ratio Lower Upper
164 100
162 105.3 84.8 127.2
160 55.7 46.1 69.1



#14
2,4,6-Tribromophenol
Concen: 0.304 ng
RT: 15.944 min Scan# 1588
Delta R.T. -0.025 min
Lab File: BN038078.D
Acq: 13 Oct 2025 21:00

Tgt Ion:330 Resp: 871
Ion Ratio Lower Upper
330 100
332 94.6 77.2 115.8
141 44.2 37.2 55.8

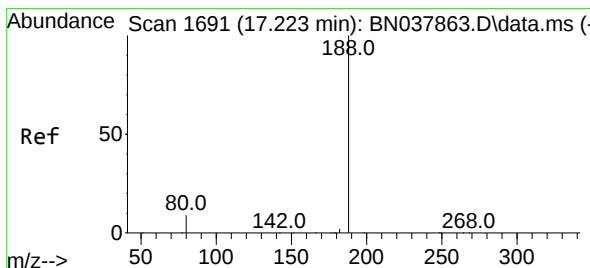
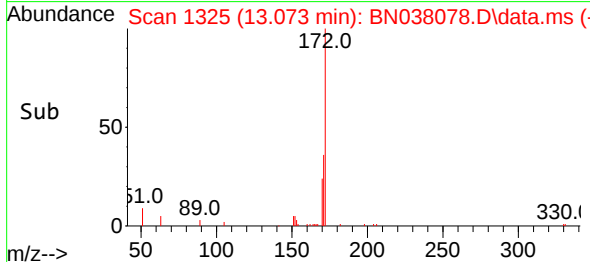
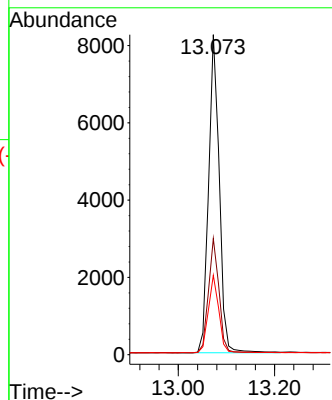
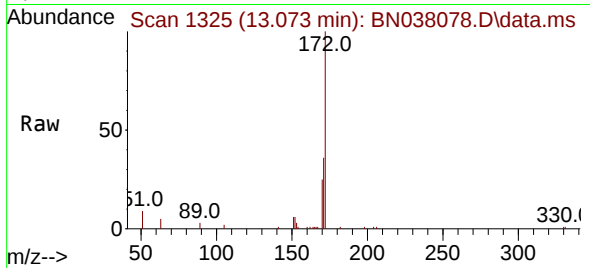




#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 13.073 min Scan# 11
Delta R.T. -0.021 min
Lab File: BN038078.D
Acq: 13 Oct 2025 21:00

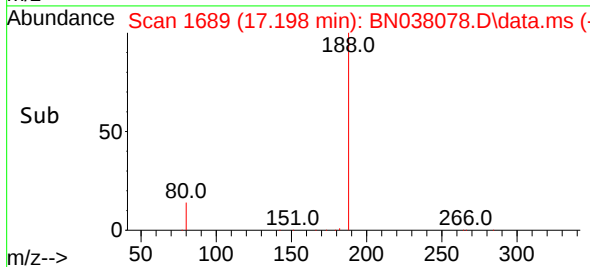
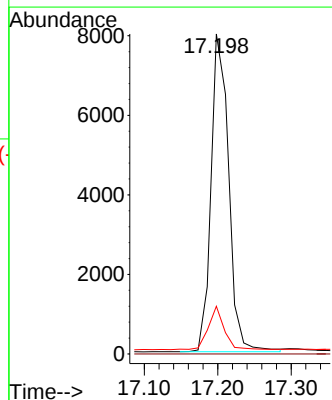
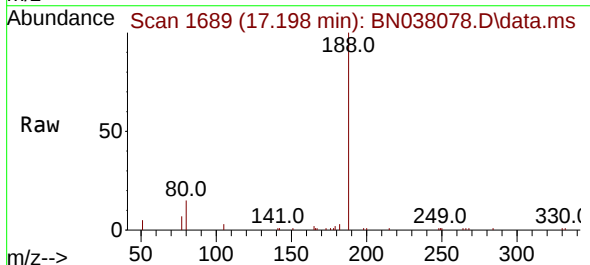
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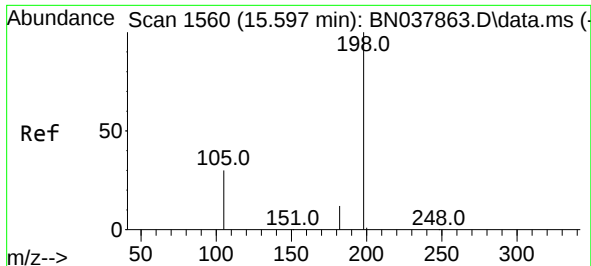
Tgt Ion:	172	Resp:	12285
Ion Ratio	Lower	Upper	
172	100		
171	36.3	28.6	43.0
170	24.8	19.7	29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.198 min Scan# 1689
Delta R.T. -0.025 min
Lab File: BN038078.D
Acq: 13 Oct 2025 21:00

Tgt Ion:	188	Resp:	13324
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.9	7.6	11.4#

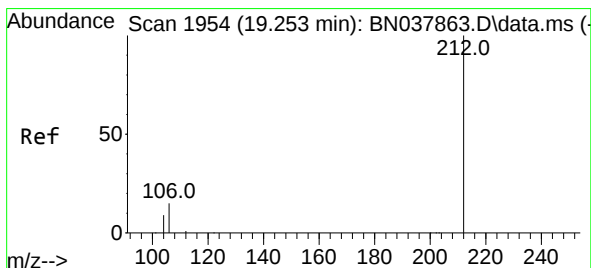
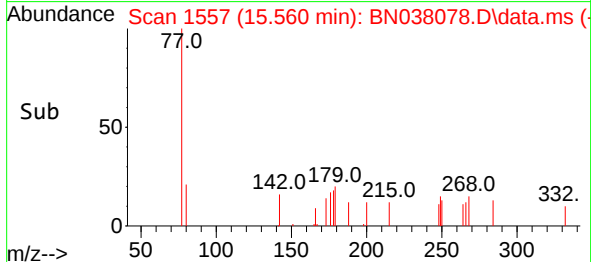
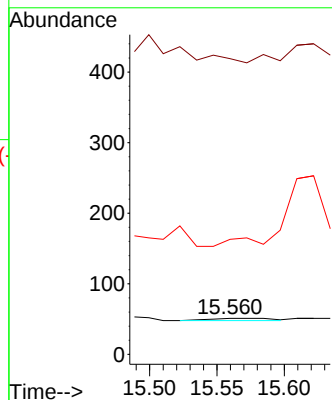
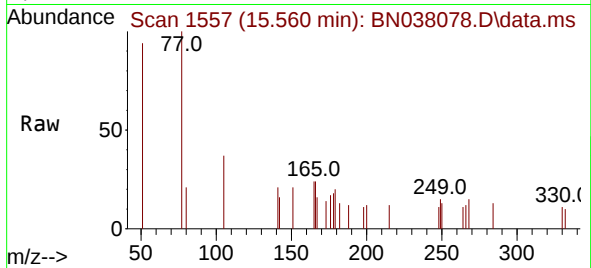




#20
4,6-Dinitro-2-methylphenol
Concen: 0.074 ng
RT: 15.560 min Scan# 11
Delta R.T. -0.037 min
Lab File: BN038078.D
Acq: 13 Oct 2025 21:00

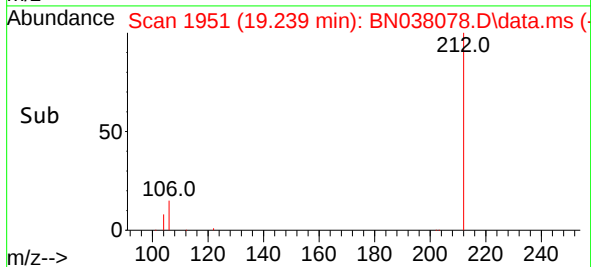
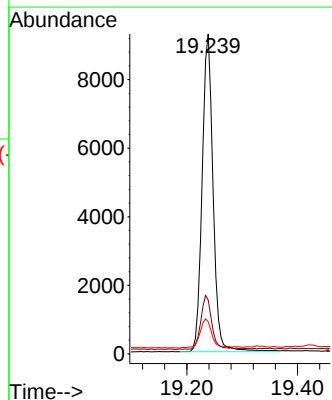
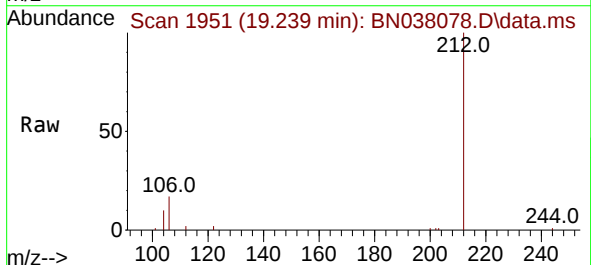
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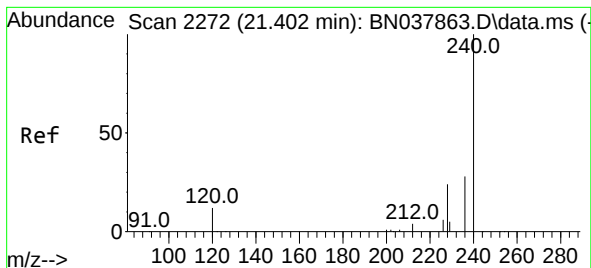
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 821.6 59.1 88.7#
105 319.6 41.3 61.9#



#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038078.D
Acq: 13 Oct 2025 21:00

Tgt Ion:212 Resp: 12789
Ion Ratio Lower Upper
212 100
106 17.2 12.6 19.0
104 9.9 7.4 11.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.393 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN038078.D

Acq: 13 Oct 2025 21:00

Instrument :

BNA_N

ClientSampleId :

BP-VPB-184-GW-840-842

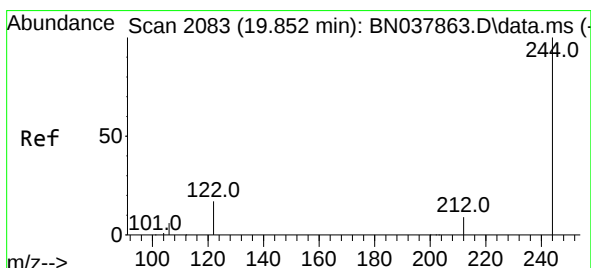
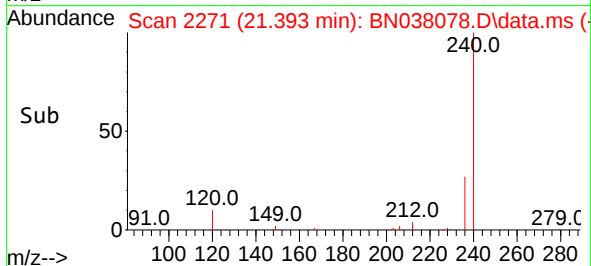
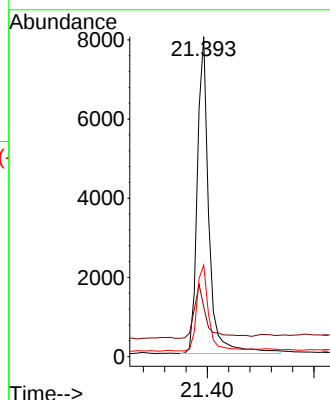
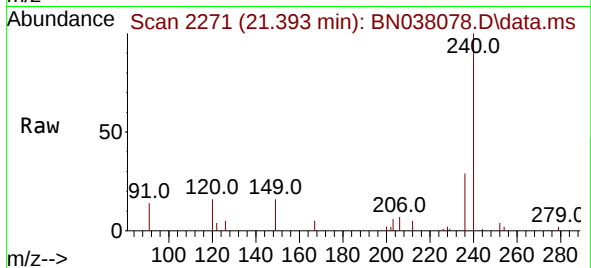
Tgt Ion:240 Resp: 12137

Ion Ratio Lower Upper

240 100

120 15.5 11.4 17.2

236 28.6 23.0 34.6



#31

Terphenyl-d14

Concen: 0.442 ng

RT: 19.833 min Scan# 2079

Delta R.T. -0.019 min

Lab File: BN038078.D

Acq: 13 Oct 2025 21:00

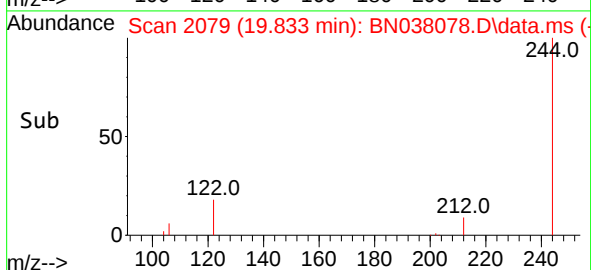
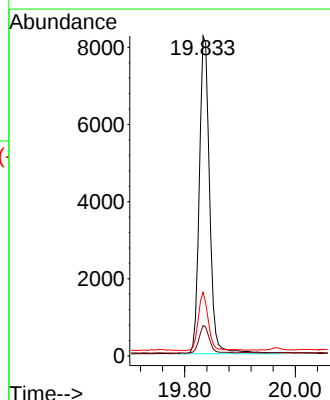
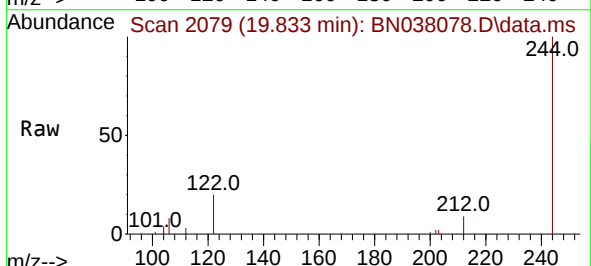
Tgt Ion:244 Resp: 10679

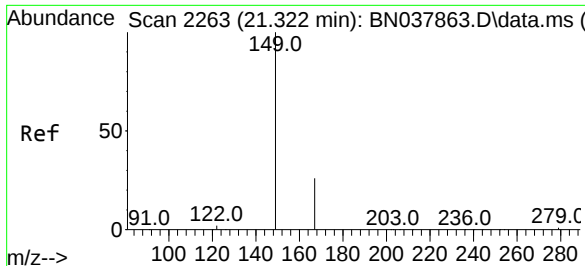
Ion Ratio Lower Upper

244 100

212 9.5 7.6 11.4

122 19.9 13.9 20.9

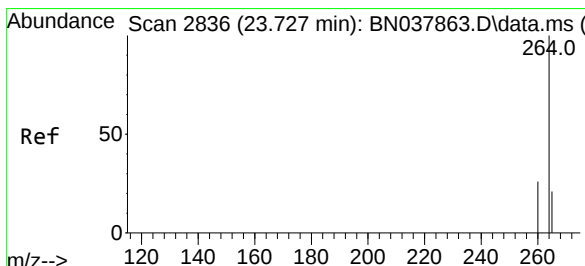
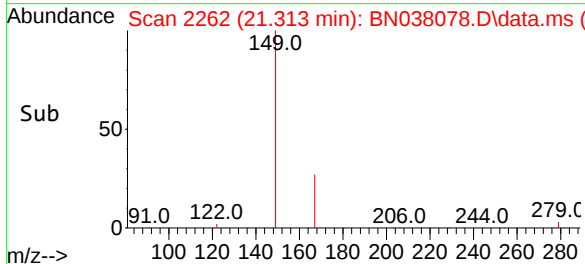
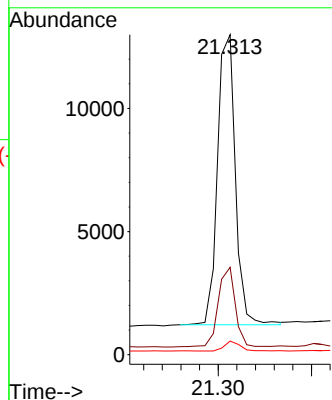
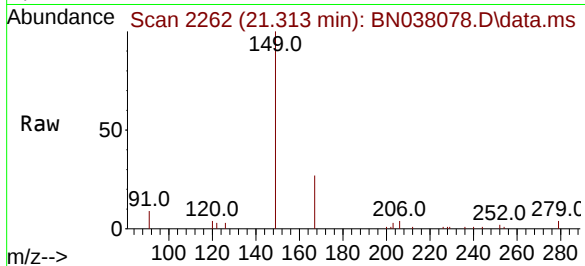




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.930 ng
 RT: 21.313 min Scan# 2131
 Delta R.T. -0.009 min
 Lab File: BN038078.D
 Acq: 13 Oct 2025 21:00

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-840-842

Tgt Ion:149 Resp: 15612
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.4 30.6
 279 3.0 2.4 3.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.709 min Scan# 2830
 Delta R.T. -0.018 min
 Lab File: BN038078.D
 Acq: 13 Oct 2025 21:00

Tgt Ion:264 Resp: 7289
 Ion Ratio Lower Upper
 264 100
 260 28.7 21.5 32.3
 265 157.1 53.8 80.6#

