

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100725\
 Data File : BN038056.D
 Acq On : 07 Oct 2025 21:10
 Operator : RC/JU
 Sample : Q3246-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-540-542

Quant Time: Oct 08 01:48:36 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)

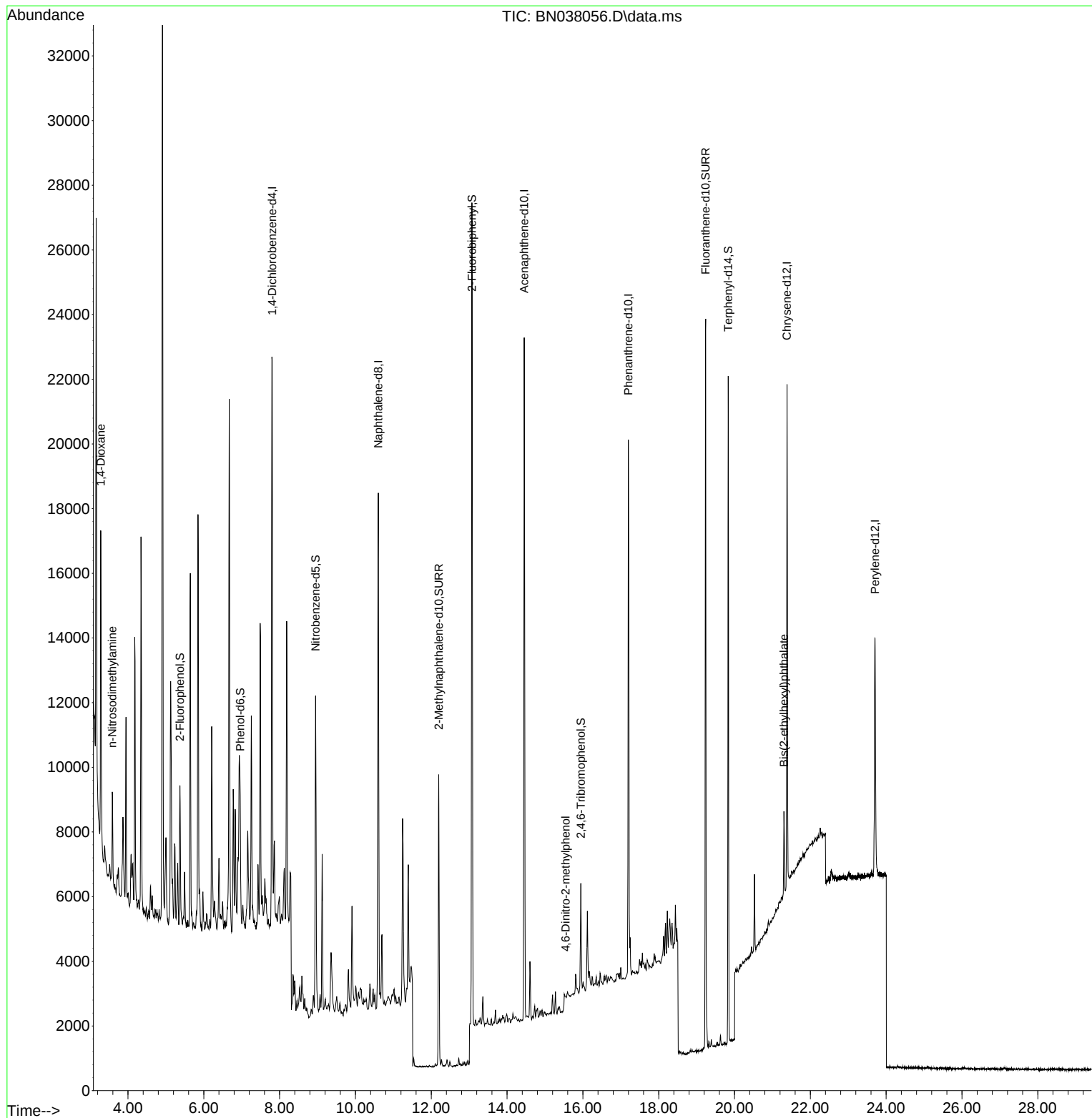
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	7090	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	20984	0.400	ng	-0.02
13) Acenaphthene-d10	14.452	164	11726	0.400	ng	-0.02
19) Phenanthrene-d10	17.198	188	23014	0.400	ng	#-0.02
29) Chrysene-d12	21.384	240	13320	0.400	ng	#-0.02
35) Perylene-d12	23.706	264	10395	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	3039	0.188	ng	-0.01
5) Phenol-d6	6.959	99	2592	0.122	ng	-0.01
8) Nitrobenzene-d5	8.950	82	7238	0.452	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	11806	0.405	ng	-0.02
14) 2,4,6-Tribromophenol	15.944	330	1829	0.411	ng	-0.02
15) 2-Fluorobiphenyl	13.073	172	21163	0.441	ng	-0.02
27) Fluoranthene-d10	19.238	212	23794	0.411	ng	-0.01
31) Terphenyl-d14	19.833	244	19032	0.717	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.283	88	5870	0.816	ng	# 88
3) n-Nitrosodimethylamine	3.586	42	294	0.031	ng	# 15
20) 4,6-Dinitro-2-methylph...	15.547	198	6	0.070	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.304	149	2639	0.143	ng	# 96

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

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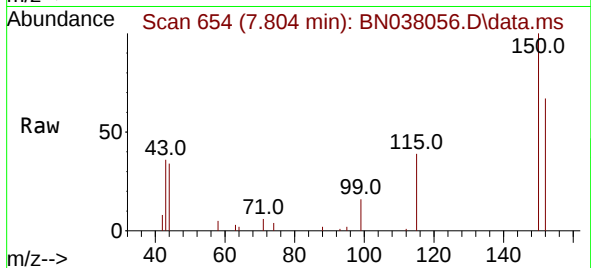
Quant Time: Oct 08 01:48:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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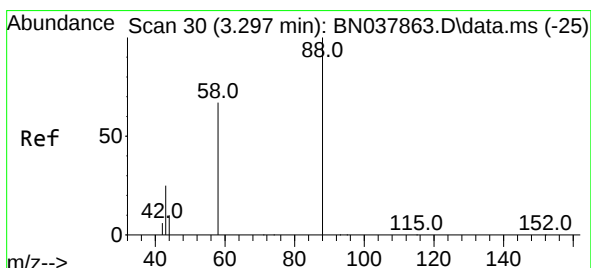
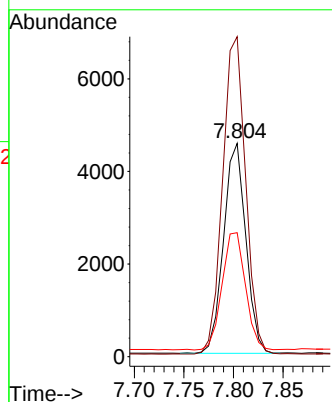
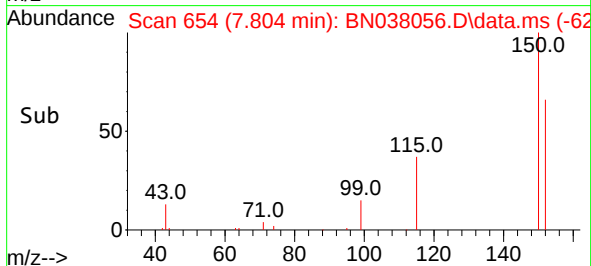


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.804 min Scan# 61
 Delta R.T. -0.021 min
 Lab File: BN038056.D
 Acq: 07 Oct 2025 21:10

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-540-542

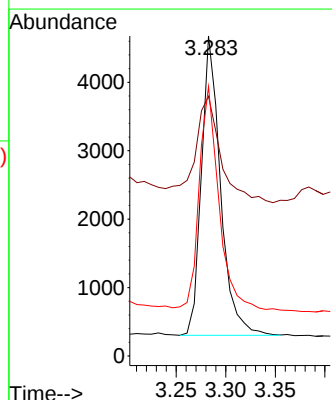
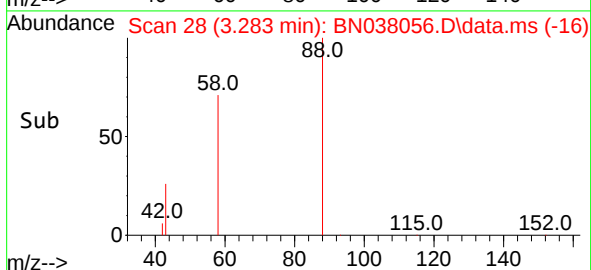
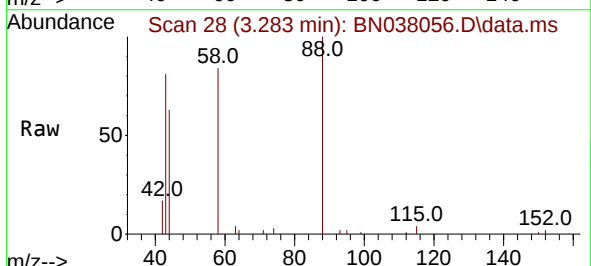


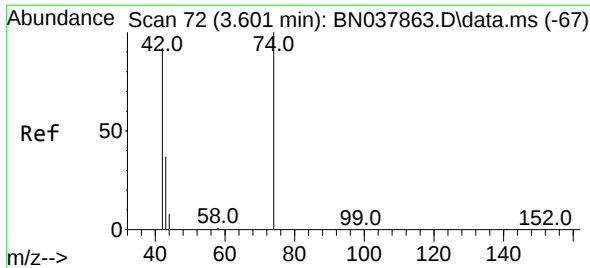
Tgt Ion:152 Resp: 7090
 Ion Ratio Lower Upper
 152 100
 150 150.0 121.0 181.4
 115 58.1 47.4 71.0



#2
 1,4-Dioxane
 Concen: 0.816 ng
 RT: 3.283 min Scan# 28
 Delta R.T. -0.015 min
 Lab File: BN038056.D
 Acq: 07 Oct 2025 21:10

Tgt Ion: 88 Resp: 5870
 Ion Ratio Lower Upper
 88 100
 43 49.3 26.6 39.8#
 58 77.8 58.9 88.3

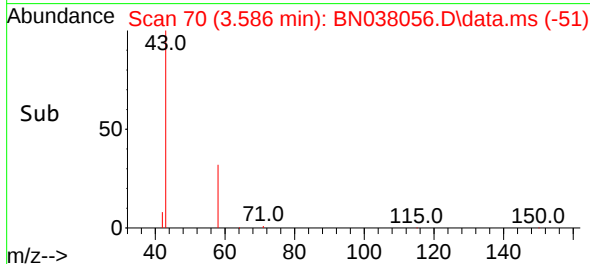
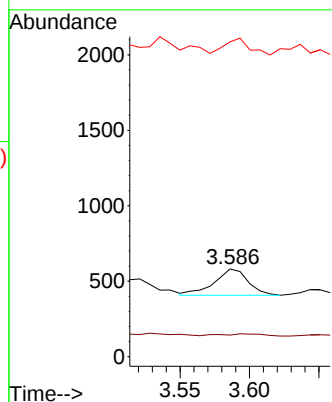
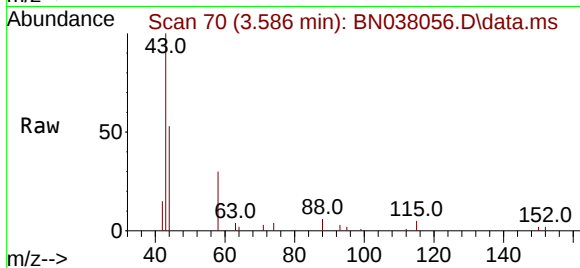




#3
 n-Nitrosodimethylamine
 Concen: 0.031 ng
 RT: 3.586 min Scan# 70
 Delta R.T. -0.015 min
 Lab File: BN038056.D
 Acq: 07 Oct 2025 21:10

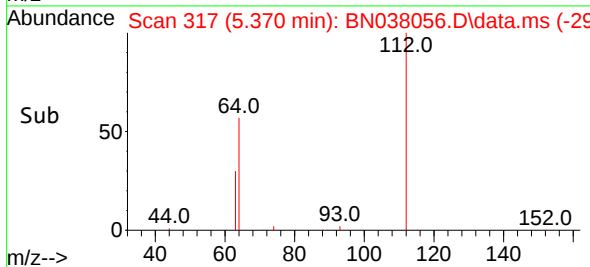
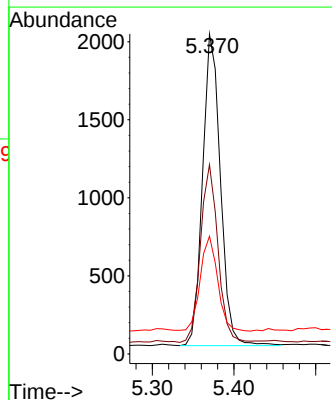
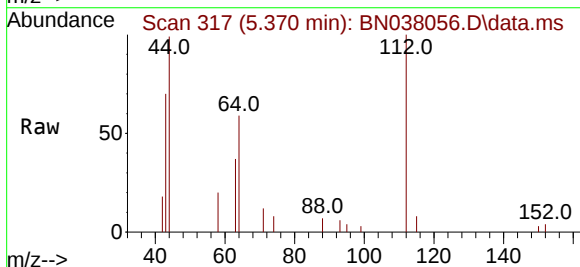
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-540-542

Tgt Ion: 42 Resp: 294
 Ion Ratio Lower Upper
 42 100
 74 10.9 93.4 140.0#
 44 45.9 22.2 33.4#



#4
 2-Fluorophenol
 Concen: 0.188 ng
 RT: 5.370 min Scan# 317
 Delta R.T. -0.015 min
 Lab File: BN038056.D
 Acq: 07 Oct 2025 21:10

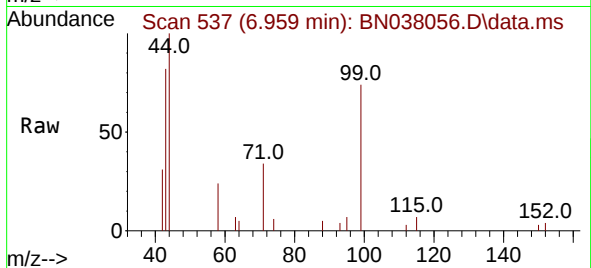
Tgt Ion: 112 Resp: 3039
 Ion Ratio Lower Upper
 112 100
 64 56.1 44.6 66.8
 63 30.0 24.9 37.3





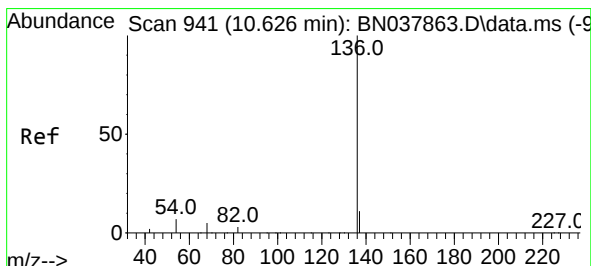
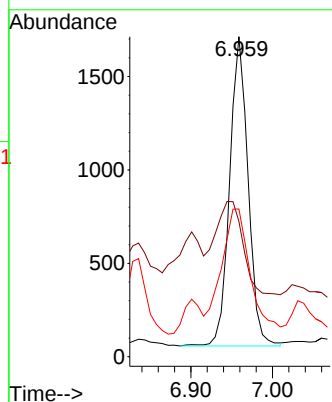
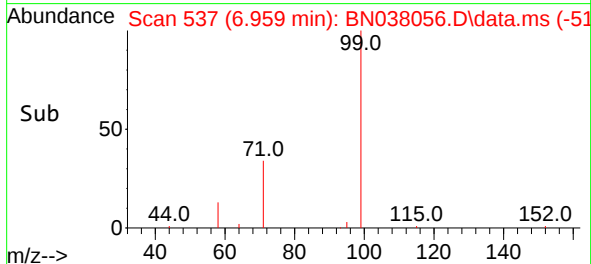
#5
Phenol-d6
Concen: 0.122 ng
RT: 6.959 min Scan# 511
Delta R.T. -0.015 min
Lab File: BN038056.D
Acq: 07 Oct 2025 21:10

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-540-542

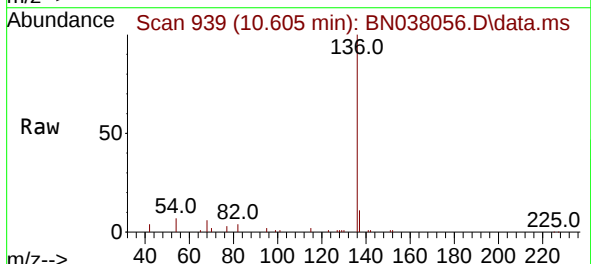


Tgt Ion: 99 Resp: 2592

Ion	Ratio	Lower	Upper
99	100		
42	45.8	17.2	25.8#
71	60.7	27.3	40.9#

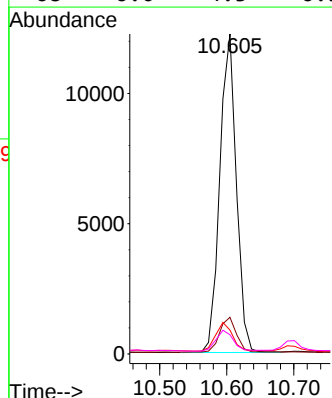
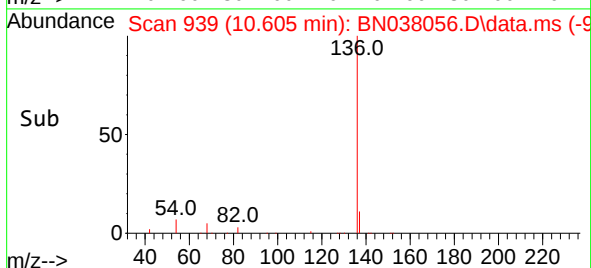


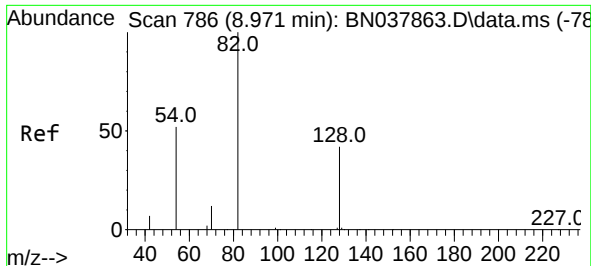
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 939
Delta R.T. -0.021 min
Lab File: BN038056.D
Acq: 07 Oct 2025 21:10



Tgt Ion: 136 Resp: 20984

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.4	5.8	8.8
68	6.0	4.3	6.5

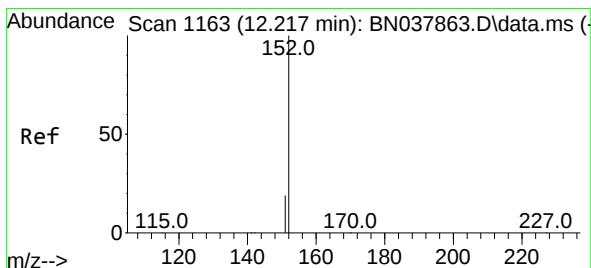
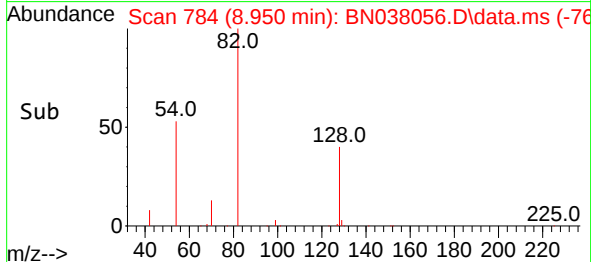
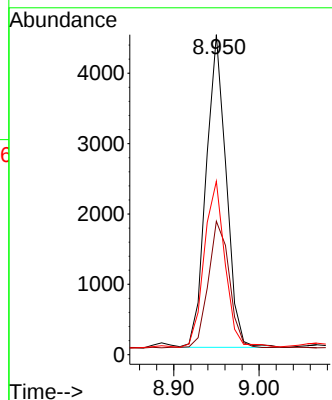
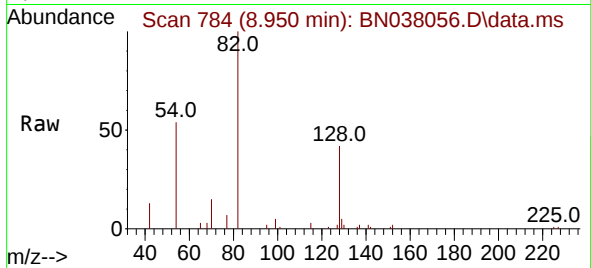




#8
Nitrobenzene-d5
Concen: 0.452 ng
RT: 8.950 min Scan# 71
Delta R.T. -0.021 min
Lab File: BN038056.D
Acq: 07 Oct 2025 21:10

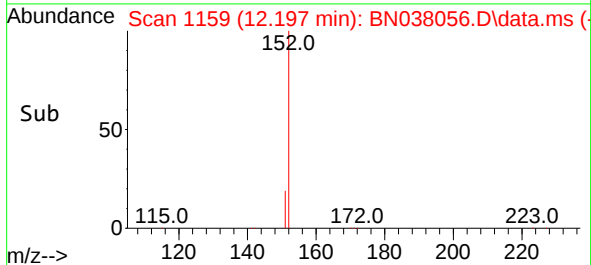
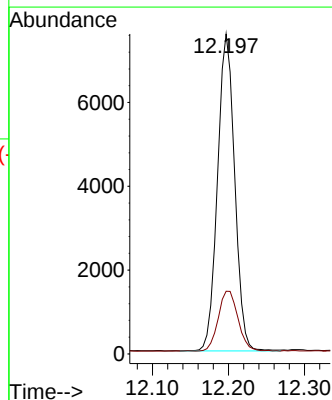
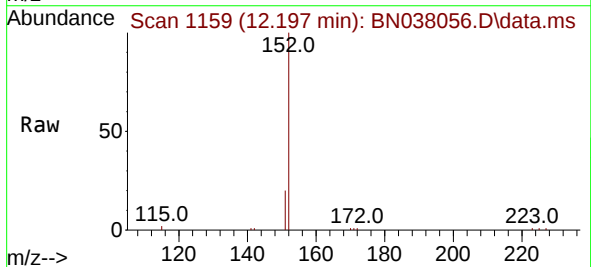
Instrument :
BNA_N
ClientSampleId :
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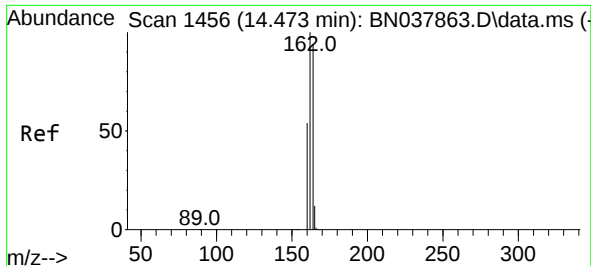
Tgt Ion: 82 Resp: 7238
Ion Ratio Lower Upper
82 100
128 41.7 34.8 52.2
54 54.2 42.2 63.2



#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 12.197 min Scan# 1159
Delta R.T. -0.020 min
Lab File: BN038056.D
Acq: 07 Oct 2025 21:10

Tgt Ion: 152 Resp: 11806
Ion Ratio Lower Upper
152 100
151 21.8 17.4 26.2

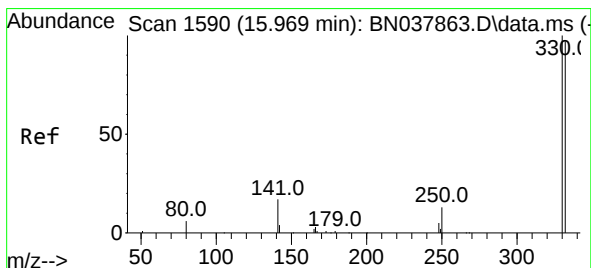
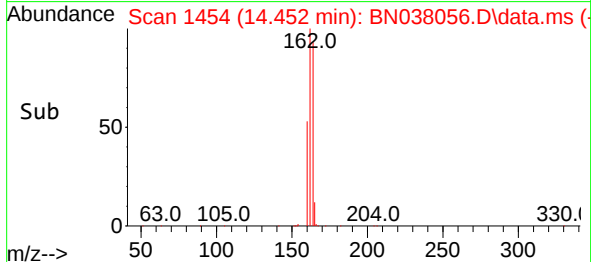
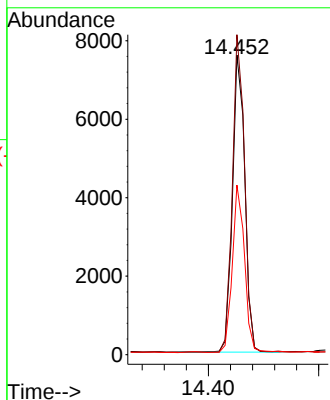
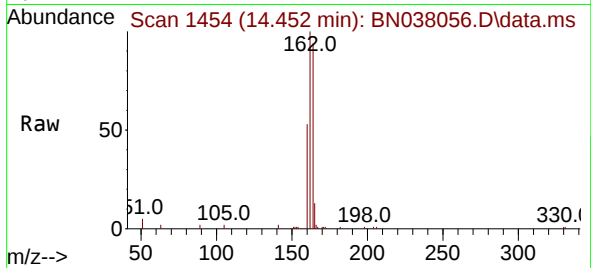




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.452 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN038056.D
Acq: 07 Oct 2025 21:10

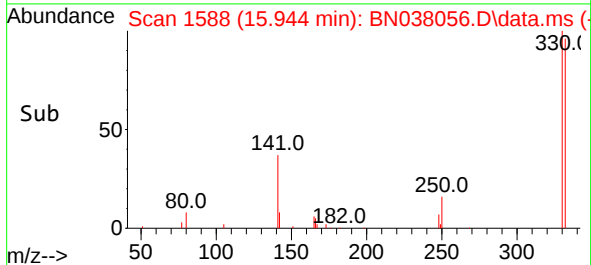
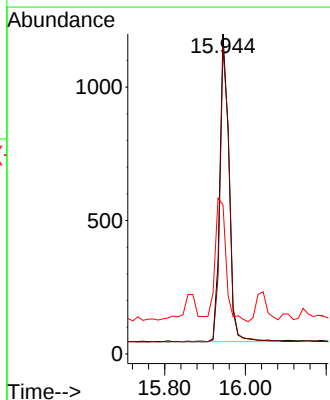
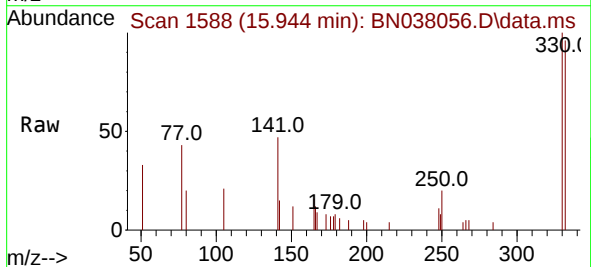
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-540-542

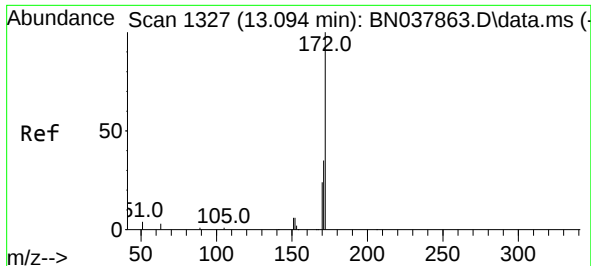
Tgt Ion:164 Resp: 11726
Ion Ratio Lower Upper
164 100
162 106.8 84.8 127.2
160 56.6 46.1 69.1



#14
2,4,6-Tribromophenol
Concen: 0.411 ng
RT: 15.944 min Scan# 1588
Delta R.T. -0.025 min
Lab File: BN038056.D
Acq: 07 Oct 2025 21:10

Tgt Ion:330 Resp: 1829
Ion Ratio Lower Upper
330 100
332 97.4 77.2 115.8
141 47.8 37.2 55.8

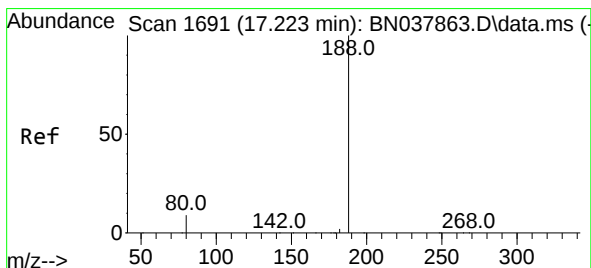
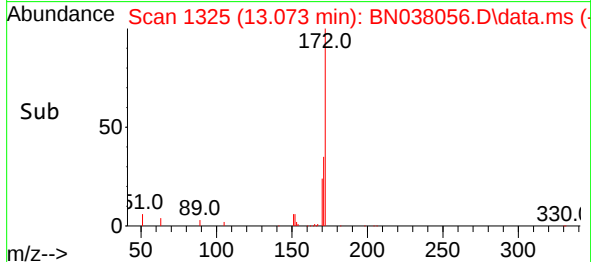
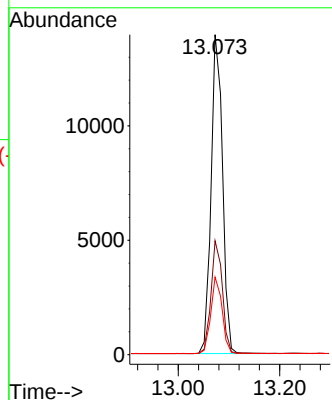
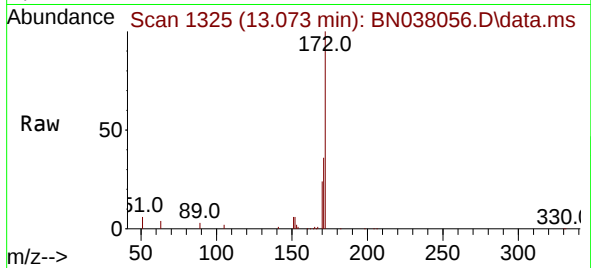




#15
2-Fluorobiphenyl
Concen: 0.441 ng
RT: 13.073 min Scan# 11
Delta R.T. -0.021 min
Lab File: BN038056.D
Acq: 07 Oct 2025 21:10

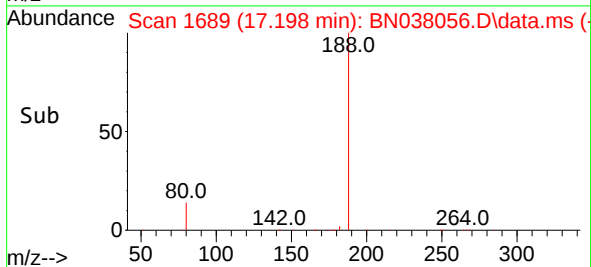
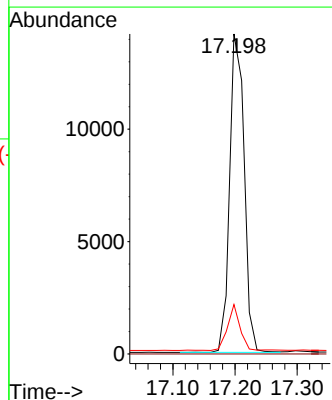
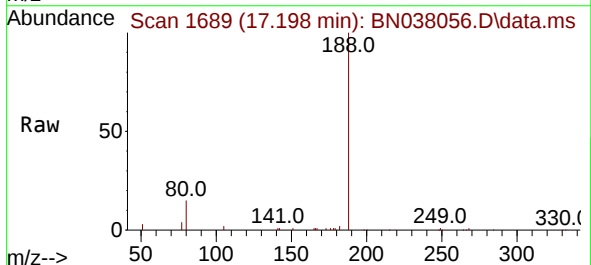
Instrument :
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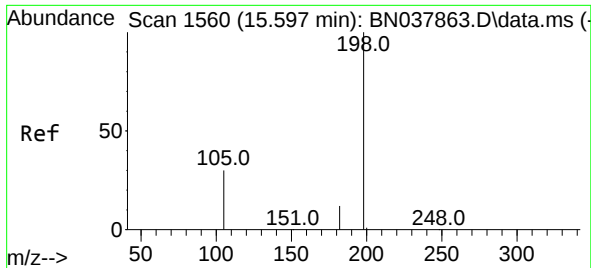
Tgt Ion:172 Resp: 21163
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.3 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.198 min Scan# 1689
Delta R.T. -0.025 min
Lab File: BN038056.D
Acq: 07 Oct 2025 21:10

Tgt Ion:188 Resp: 23014
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.4 7.6 11.4#

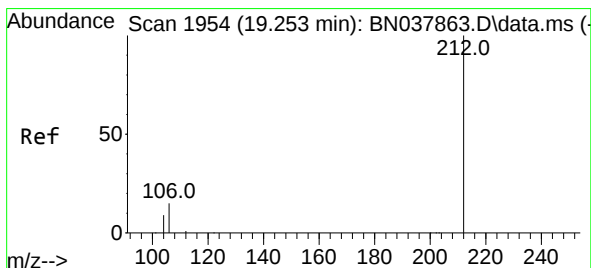
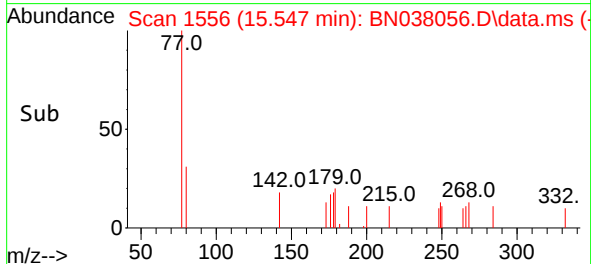
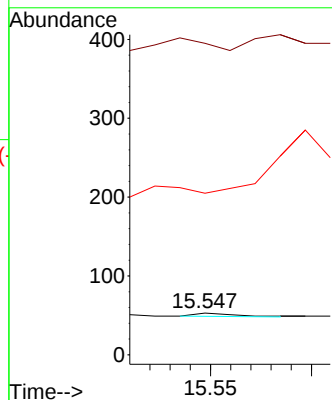
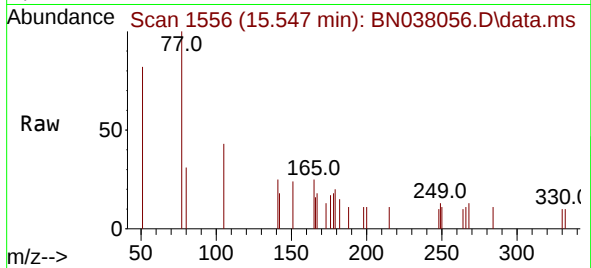




#20
4,6-Dinitro-2-methylphenol
Concen: 0.070 ng
RT: 15.547 min Scan# 11
Delta R.T. -0.050 min
Lab File: BN038056.D
Acq: 07 Oct 2025 21:10

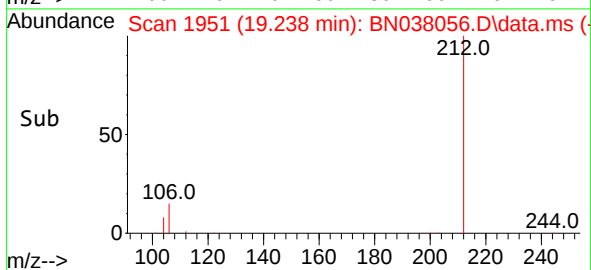
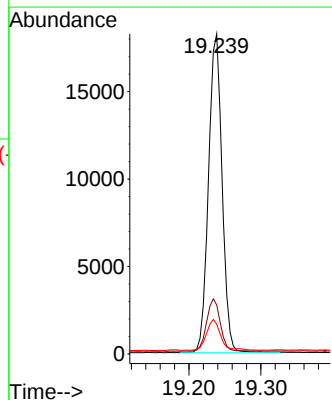
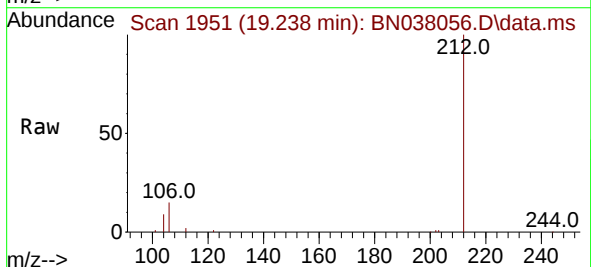
Instrument :
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BP-VPB-184-GW-540-542

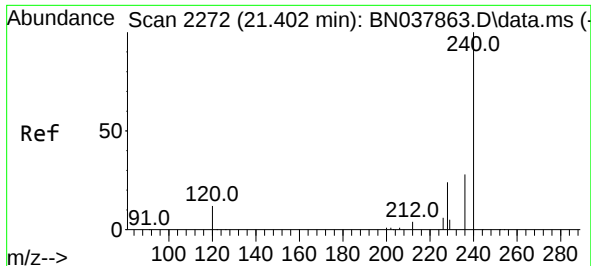
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 745.3 59.1 88.7#
105 386.8 41.3 61.9#



#27
Fluoranthene-d10
Concen: 0.411 ng
RT: 19.238 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038056.D
Acq: 07 Oct 2025 21:10

Tgt Ion:212 Resp: 23794
Ion Ratio Lower Upper
212 100
106 16.4 12.6 19.0
104 10.1 7.4 11.0

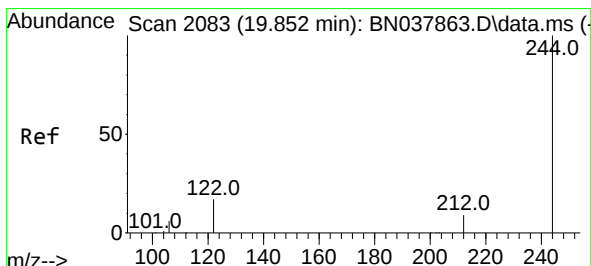
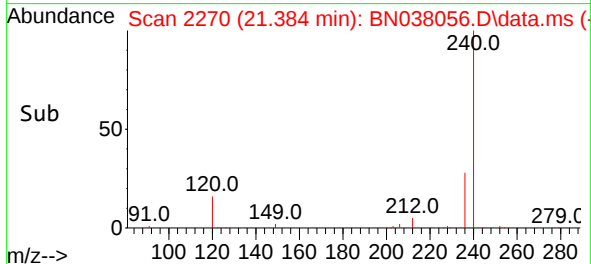
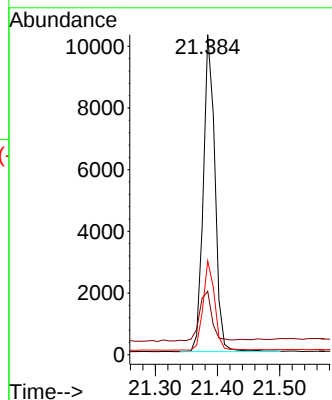
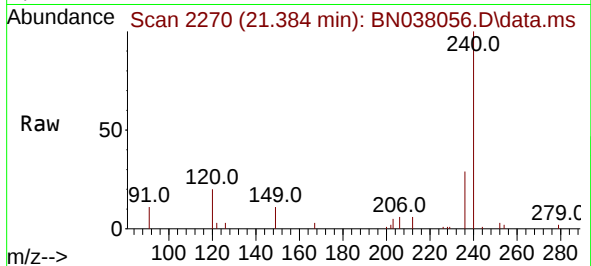




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN038056.D
Acq: 07 Oct 2025 21:10

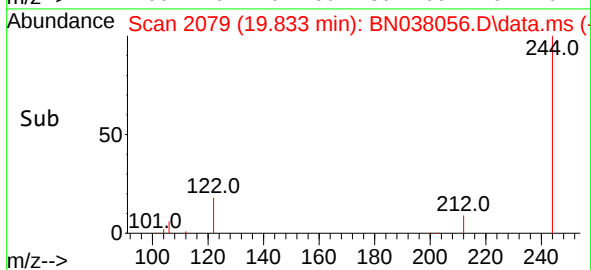
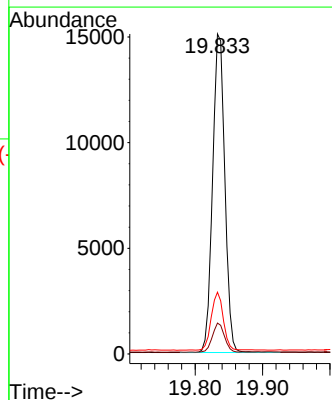
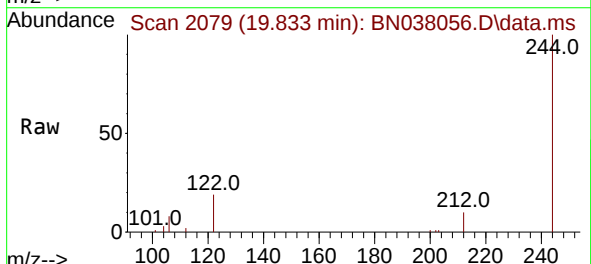
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-540-542

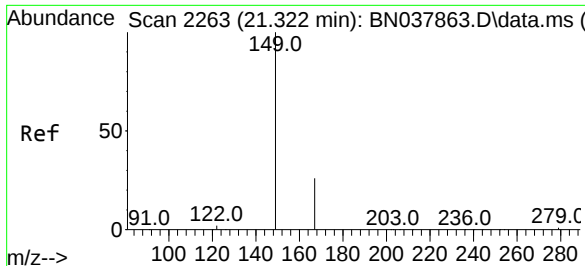
Tgt Ion:240 Resp: 13320
Ion Ratio Lower Upper
240 100
120 19.8 11.4 17.2#
236 29.3 23.0 34.6



#31
Terphenyl-d14
Concen: 0.717 ng
RT: 19.833 min Scan# 2079
Delta R.T. -0.019 min
Lab File: BN038056.D
Acq: 07 Oct 2025 21:10

Tgt Ion:244 Resp: 19032
Ion Ratio Lower Upper
244 100
212 9.6 7.6 11.4
122 19.3 13.9 20.9

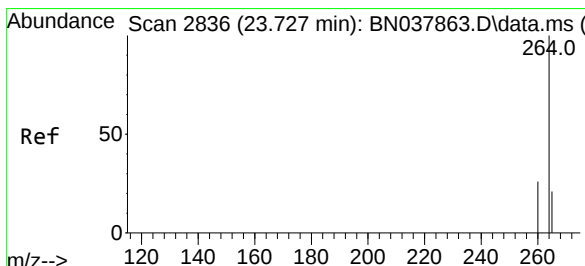
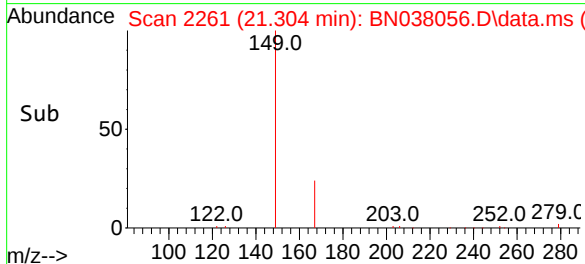
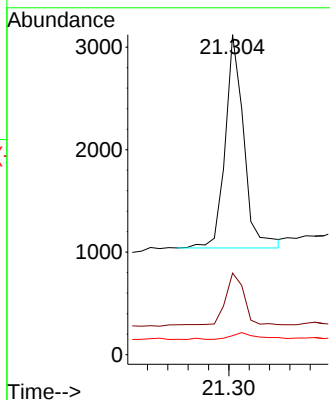
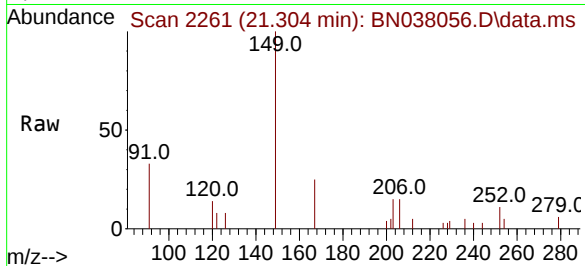




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.143 ng
 RT: 21.304 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN038056.D
 Acq: 07 Oct 2025 21:10

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-540-542

Tgt Ion:149 Resp: 2639
 Ion Ratio Lower Upper
 149 100
 167 23.5 20.4 30.6
 279 4.4 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.706 min Scan# 2829
 Delta R.T. -0.021 min
 Lab File: BN038056.D
 Acq: 07 Oct 2025 21:10

Tgt Ion:264 Resp: 10395
 Ion Ratio Lower Upper
 264 100
 260 27.7 21.5 32.3
 265 104.0 53.8 80.6#

