

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
 Data File : BN038076.D
 Acq On : 13 Oct 2025 19:48
 Operator : RC/JU
 Sample : Q3324-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-EB-20251009

Quant Time: Oct 14 02:39:25 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)

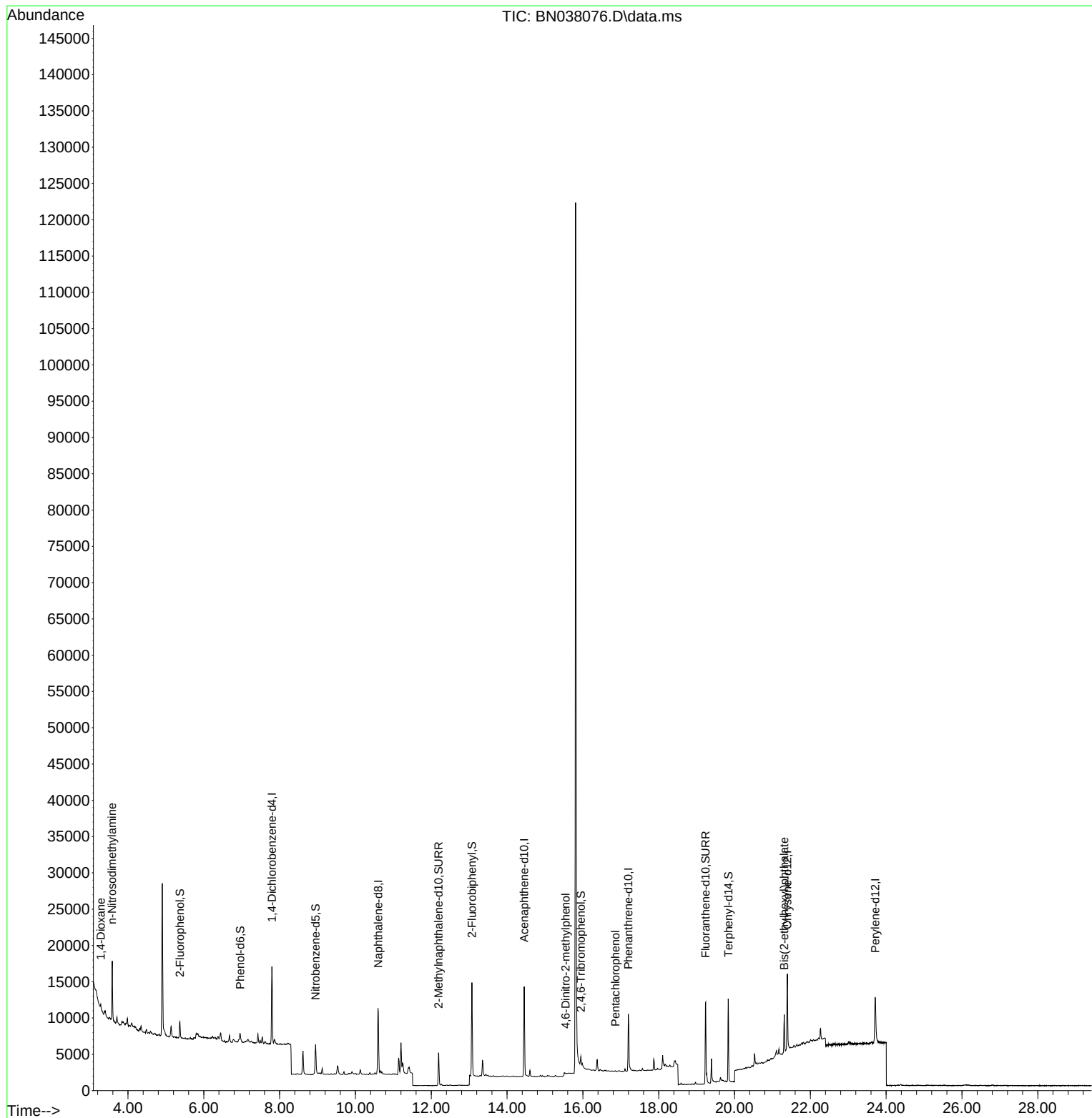
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	5139	0.400	ng	-0.03
7) Naphthalene-d8	10.605	136	13291	0.400	ng	-0.02
13) Acenaphthene-d10	14.452	164	6680	0.400	ng	-0.02
19) Phenanthrene-d10	17.198	188	12083	0.400	ng	#-0.02
29) Chrysene-d12	21.393	240	10438	0.400	ng	0.00
35) Perylene-d12	23.712	264	9949	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	1859	0.159	ng	-0.01
5) Phenol-d6	6.959	99	1121	0.073	ng	-0.01
8) Nitrobenzene-d5	8.950	82	3539	0.349	ng	-0.02
11) 2-Methylnaphthalene-d10	12.192	152	6345	0.344	ng	-0.03
14) 2,4,6-Tribromophenol	15.944	330	791	0.312	ng	-0.02
15) 2-Fluorobiphenyl	13.072	172	11346	0.415	ng	-0.02
27) Fluoranthene-d10	19.238	212	12962	0.426	ng	-0.01
31) Terphenyl-d14	19.838	244	11039	0.531	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.283	88	348	0.067	ng	# 1
3) n-Nitrosodimethylamine	3.579	42	759	0.109	ng	# 16
20) 4,6-Dinitro-2-methylph...	15.547	198	10	0.074	ng	# 1
24) Pentachlorophenol	16.863	266	85	0.026	ng	91
34) Bis(2-ethylhexyl)phtha...	21.313	149	5324	0.369	ng	99

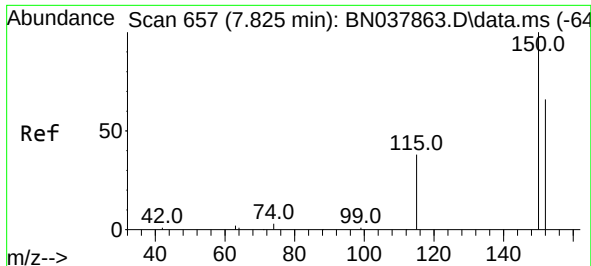
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
Data File : BN038076.D
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Sample : Q3324-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
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BP-VPB-184-EB-20251009

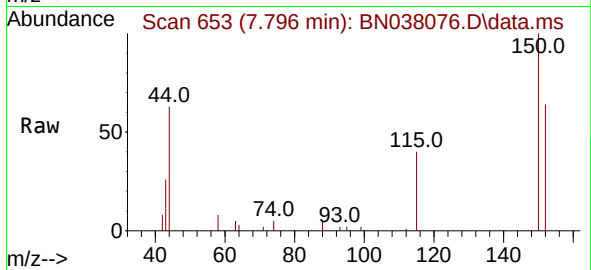
Quant Time: Oct 14 02:39:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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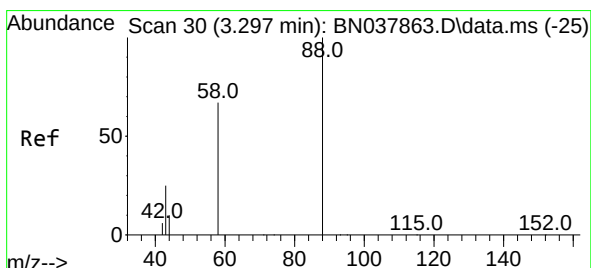
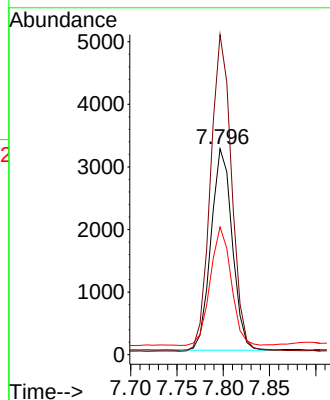
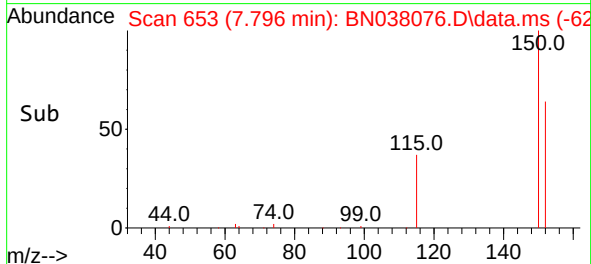


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.796 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN038076.D
 Acq: 13 Oct 2025 19:48

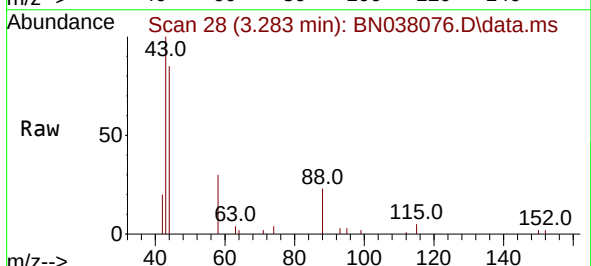
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-EB-20251009



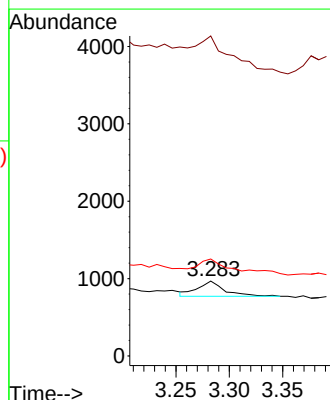
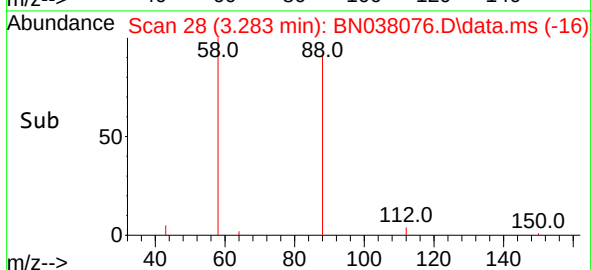
Tgt Ion:152 Resp: 5139
 Ion Ratio Lower Upper
 152 100
 150 155.4 121.0 181.4
 115 62.0 47.4 71.0

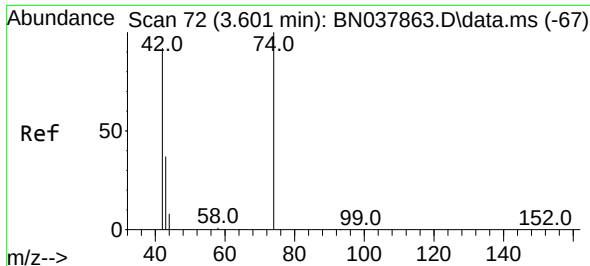


#2
 1,4-Dioxane
 Concen: 0.067 ng
 RT: 3.283 min Scan# 28
 Delta R.T. -0.015 min
 Lab File: BN038076.D
 Acq: 13 Oct 2025 19:48



Tgt Ion: 88 Resp: 348
 Ion Ratio Lower Upper
 88 100
 43 323.0 26.6 39.8#
 58 138.2 58.9 88.3#

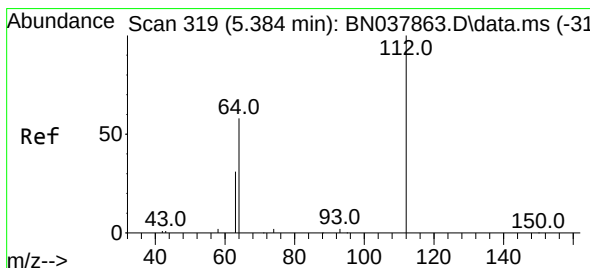
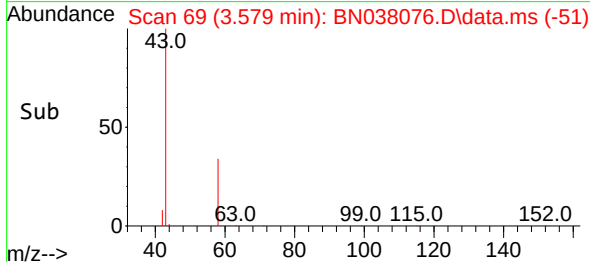
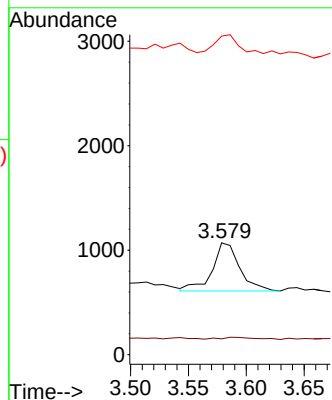
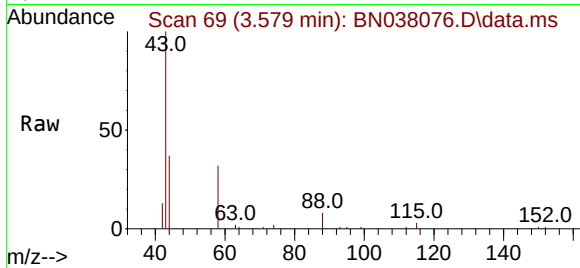




#3
 n-Nitrosodimethylamine
 Concen: 0.109 ng
 RT: 3.579 min Scan# 61
 Delta R.T. -0.022 min
 Lab File: BN038076.D
 Acq: 13 Oct 2025 19:48

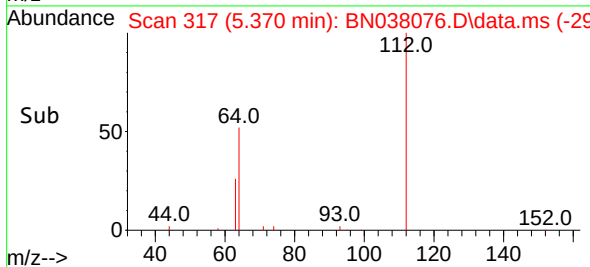
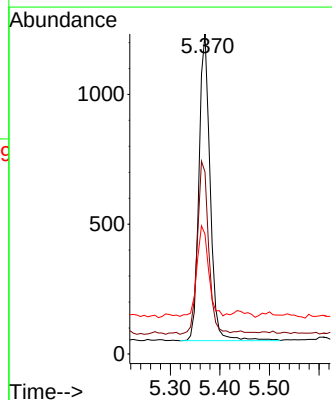
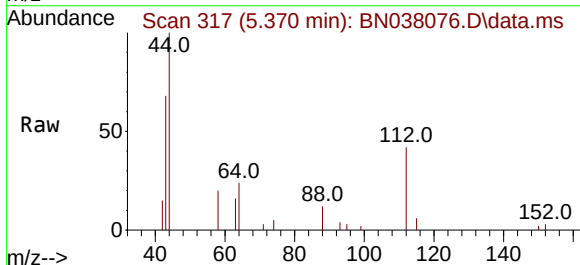
Instrument :
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 ClientSampleId :
 BP-VPB-184-EB-20251009

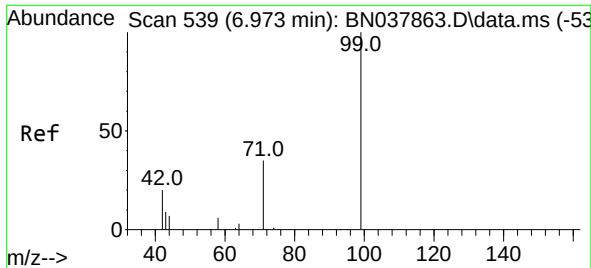
Tgt Ion: 42 Resp: 759
 Ion Ratio Lower Upper
 42 100
 74 5.4 93.4 140.0#
 44 33.1 22.2 33.4



#4
 2-Fluorophenol
 Concen: 0.159 ng
 RT: 5.370 min Scan# 317
 Delta R.T. -0.015 min
 Lab File: BN038076.D
 Acq: 13 Oct 2025 19:48

Tgt Ion: 112 Resp: 1859
 Ion Ratio Lower Upper
 112 100
 64 56.6 44.6 66.8
 63 30.8 24.9 37.3

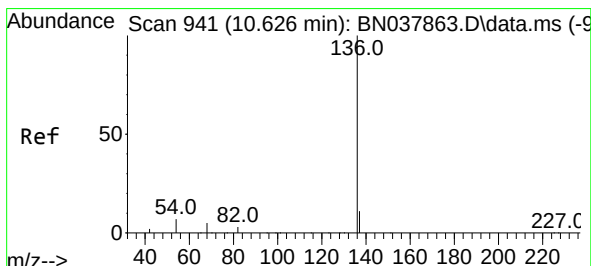
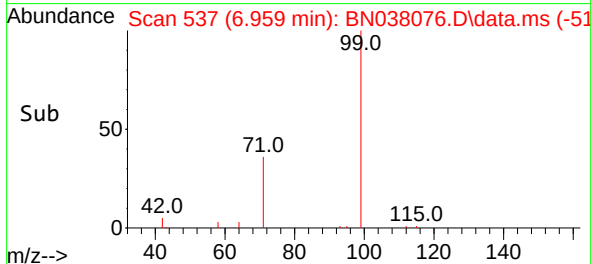
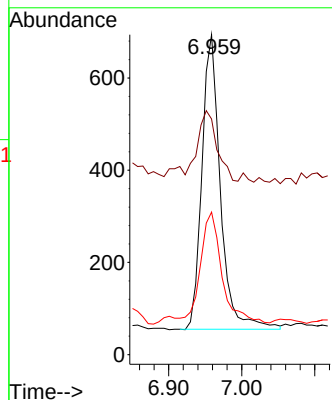
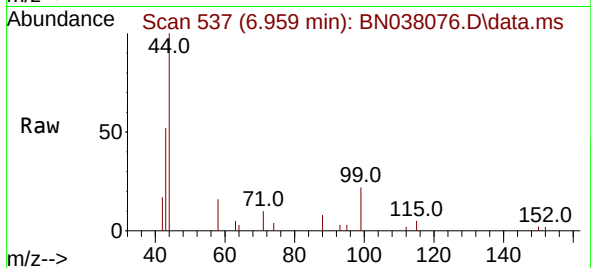




#5
Phenol-d6
Concen: 0.073 ng
RT: 6.959 min Scan# 511
Delta R.T. -0.015 min
Lab File: BN038076.D
Acq: 13 Oct 2025 19:48

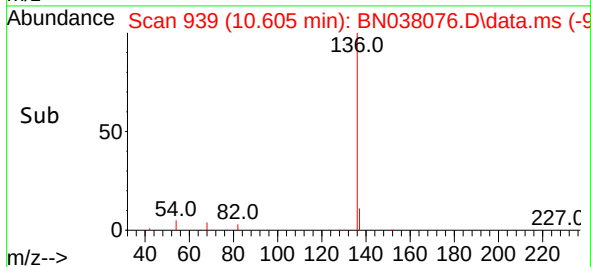
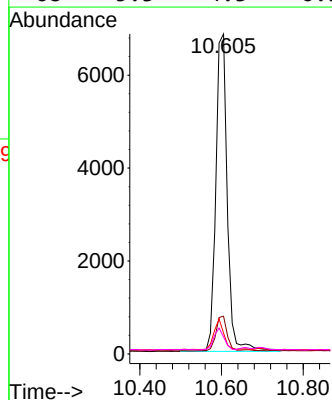
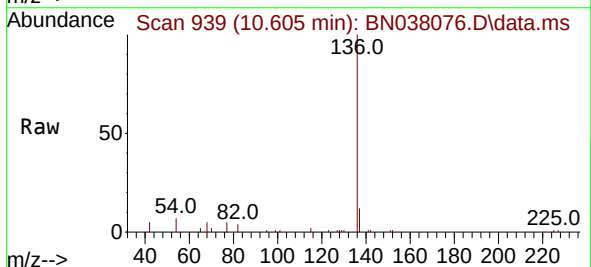
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-EB-20251009

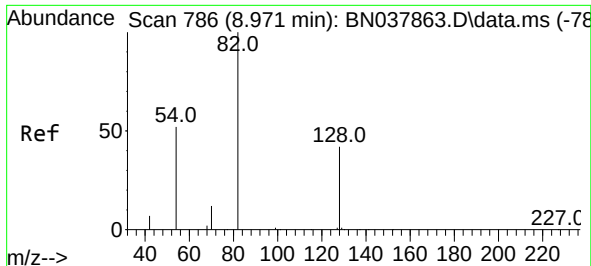
Tgt Ion: 99 Resp: 1121
Ion Ratio Lower Upper
99 100
42 25.1 17.2 25.8
71 43.4 27.3 40.9#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 939
Delta R.T. -0.021 min
Lab File: BN038076.D
Acq: 13 Oct 2025 19:48

Tgt Ion: 136 Resp: 13291
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.4
54 6.5 5.8 8.8
68 5.3 4.3 6.5

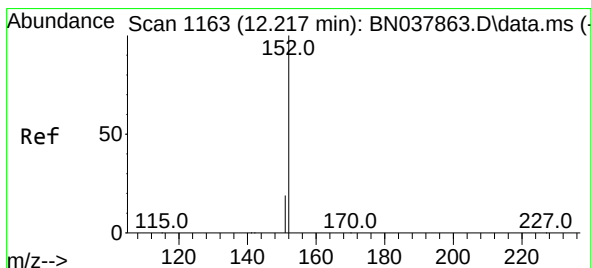
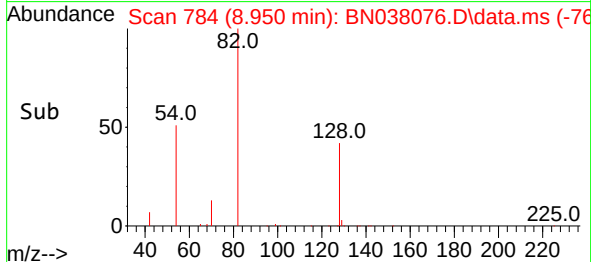
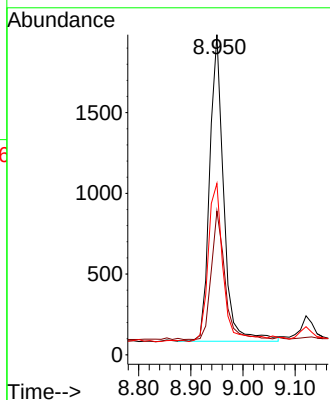
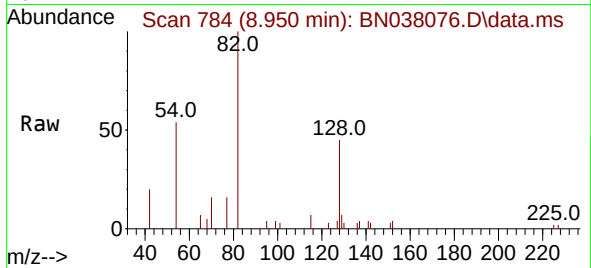




#8
 Nitrobenzene-d5
 Concen: 0.349 ng
 RT: 8.950 min Scan# 71
 Delta R.T. -0.021 min
 Lab File: BN038076.D
 Acq: 13 Oct 2025 19:48

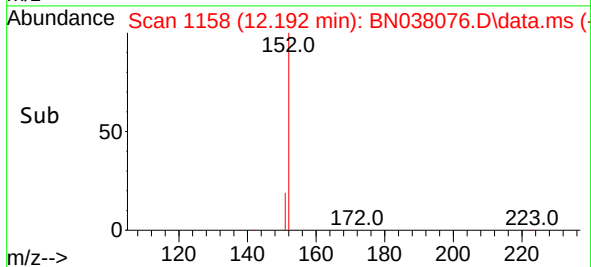
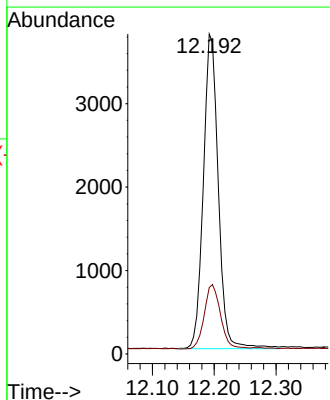
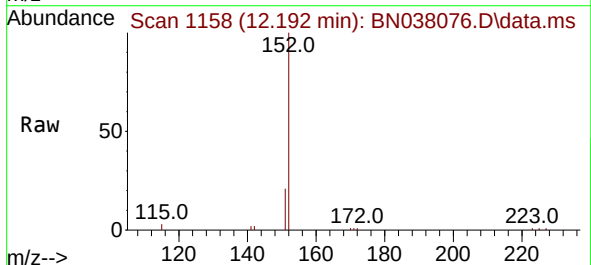
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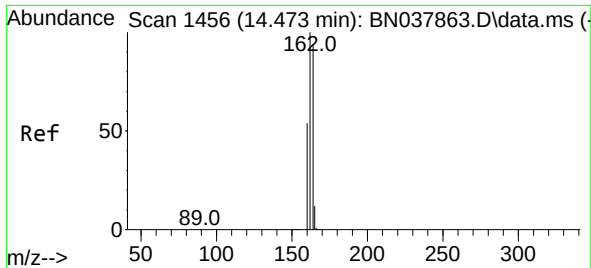
Tgt Ion: 82 Resp: 3539
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.8 52.2
 54 53.5 42.2 63.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.344 ng
 RT: 12.192 min Scan# 1158
 Delta R.T. -0.026 min
 Lab File: BN038076.D
 Acq: 13 Oct 2025 19:48

Tgt Ion: 152 Resp: 6345
 Ion Ratio Lower Upper
 152 100
 151 22.3 17.4 26.2

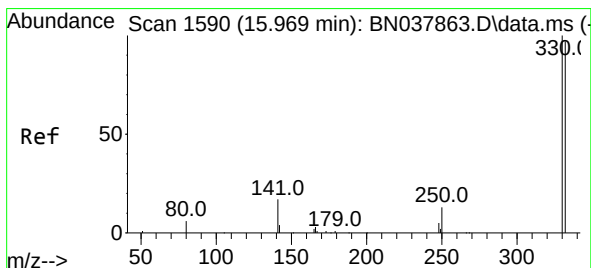
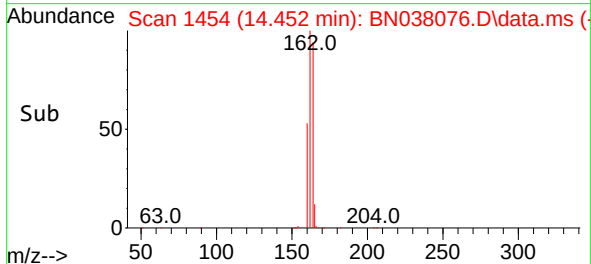
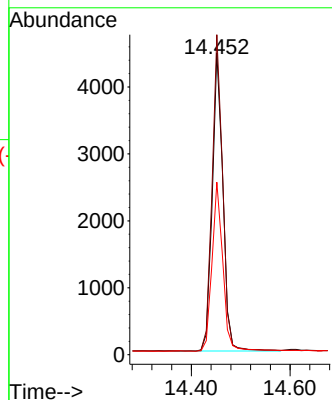
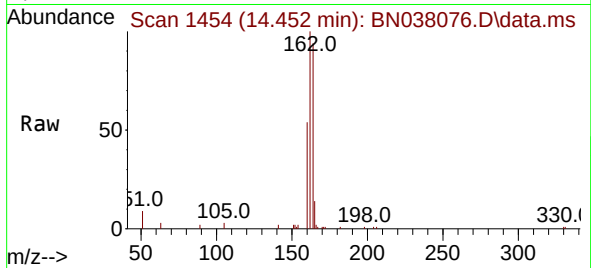




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.452 min Scan# 14
Delta R.T. -0.022 min
Lab File: BN038076.D
Acq: 13 Oct 2025 19:48

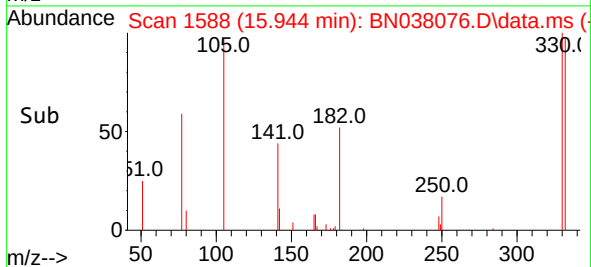
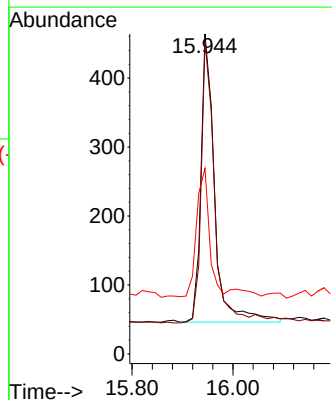
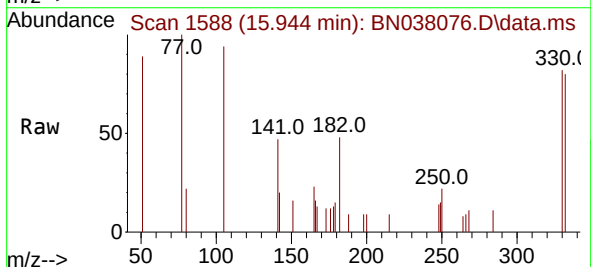
Instrument :
BNA_N
ClientSampleId :
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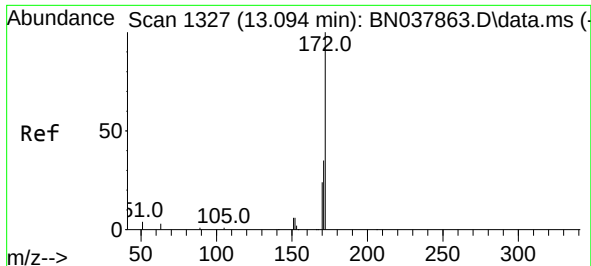
Tgt Ion:164 Resp: 6680
Ion Ratio Lower Upper
164 100
162 106.0 84.8 127.2
160 57.1 46.1 69.1



#14
2,4,6-Tribromophenol
Concen: 0.312 ng
RT: 15.944 min Scan# 1588
Delta R.T. -0.025 min
Lab File: BN038076.D
Acq: 13 Oct 2025 19:48

Tgt Ion:330 Resp: 791
Ion Ratio Lower Upper
330 100
332 95.7 77.2 115.8
141 41.0 37.2 55.8

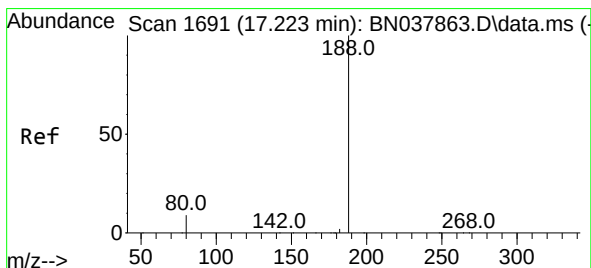
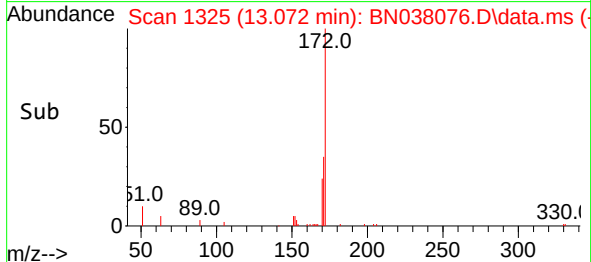
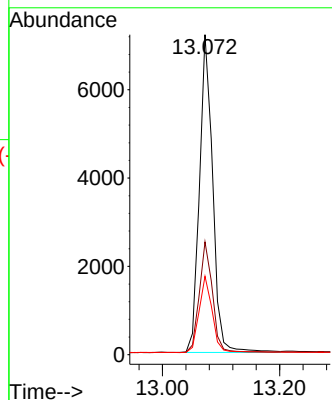
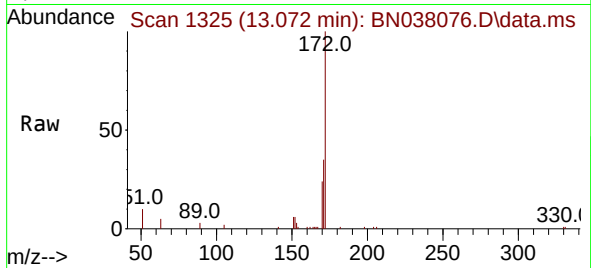




#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 13.072 min Scan# 11
Delta R.T. -0.022 min
Lab File: BN038076.D
Acq: 13 Oct 2025 19:48

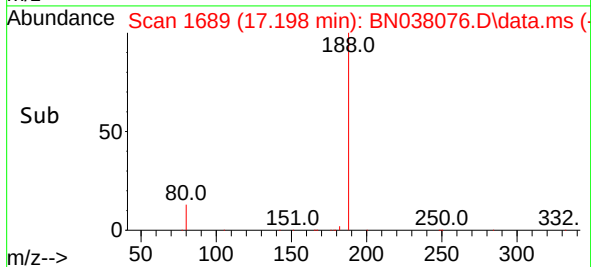
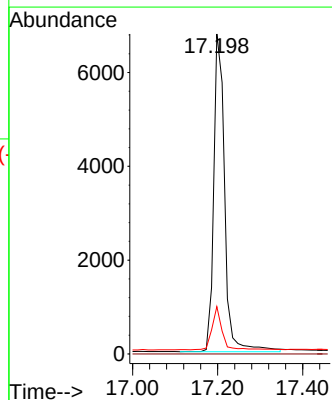
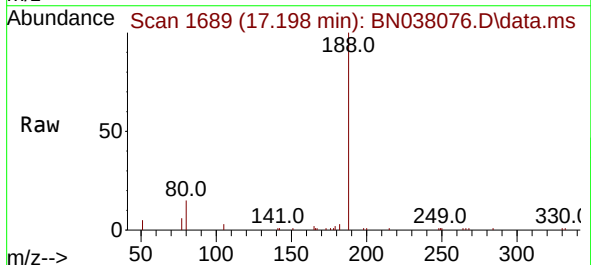
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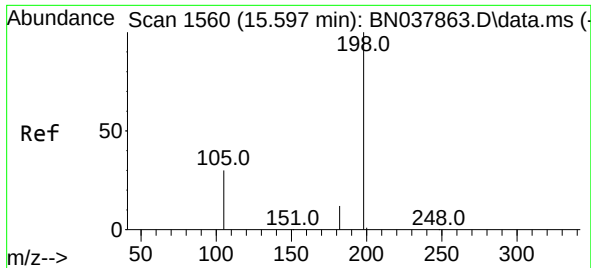
Tgt Ion:172 Resp: 11346
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 24.5 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.198 min Scan# 1689
Delta R.T. -0.025 min
Lab File: BN038076.D
Acq: 13 Oct 2025 19:48

Tgt Ion:188 Resp: 12083
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.8 7.6 11.4#

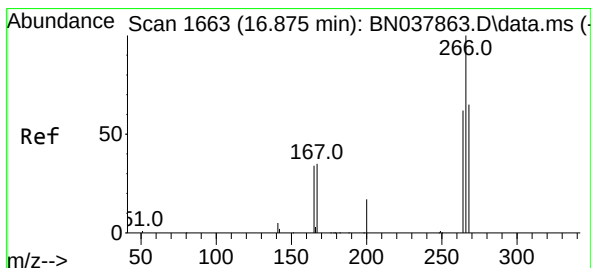
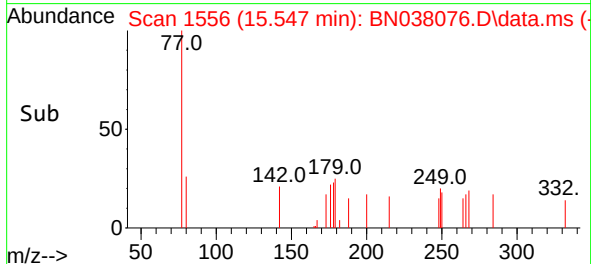
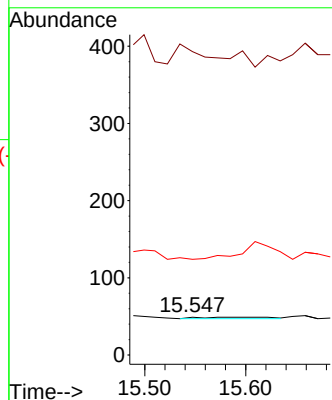
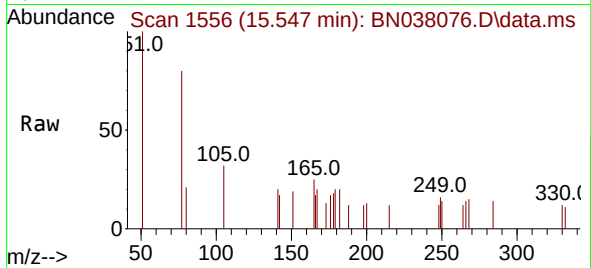




#20
4,6-Dinitro-2-methylphenol
Concen: 0.074 ng
RT: 15.547 min Scan# 1556
Delta R.T. -0.050 min
Lab File: BN038076.D
Acq: 13 Oct 2025 19:48

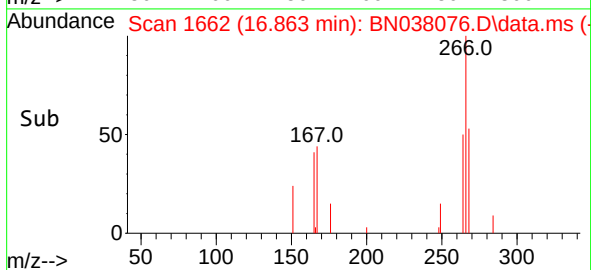
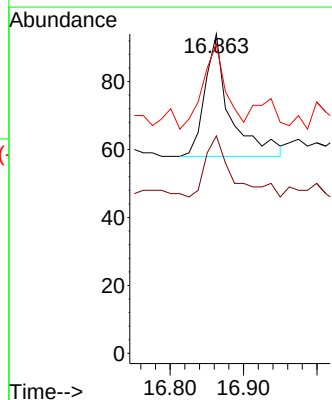
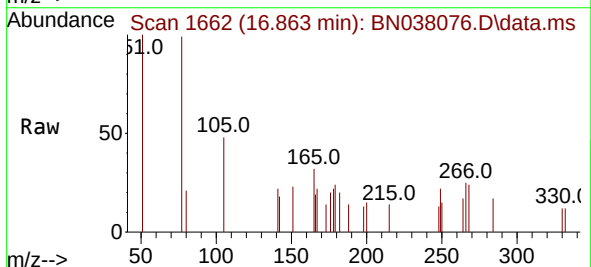
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-EB-20251009

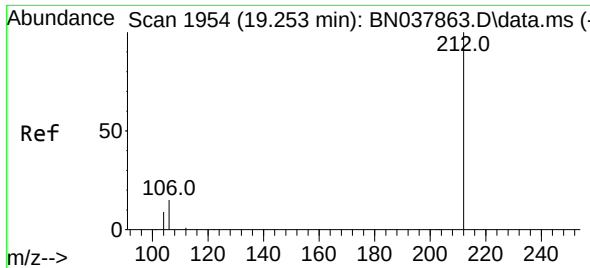
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 802.0 59.1 88.7#
105 253.1 41.3 61.9#



#24
Pentachlorophenol
Concen: 0.026 ng
RT: 16.863 min Scan# 1662
Delta R.T. -0.012 min
Lab File: BN038076.D
Acq: 13 Oct 2025 19:48

Tgt Ion:266 Resp: 85
Ion Ratio Lower Upper
266 100
264 52.9 50.9 76.3
268 63.5 54.3 81.5

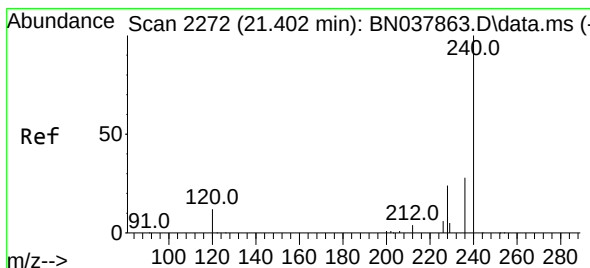
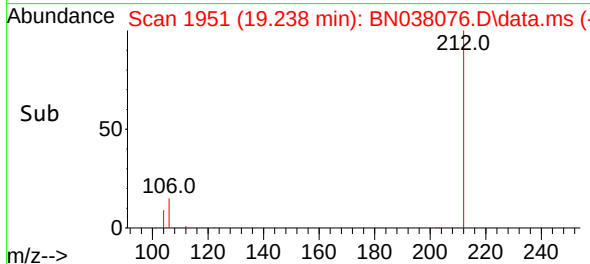
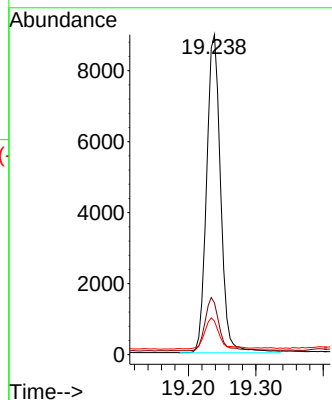
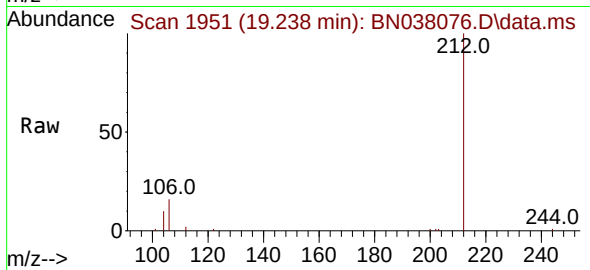




#27
Fluoranthene-d10
Concen: 0.426 ng
RT: 19.238 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038076.D
Acq: 13 Oct 2025 19:48

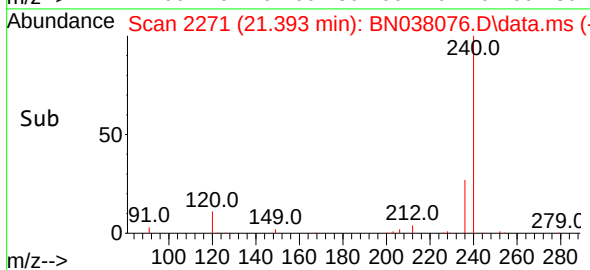
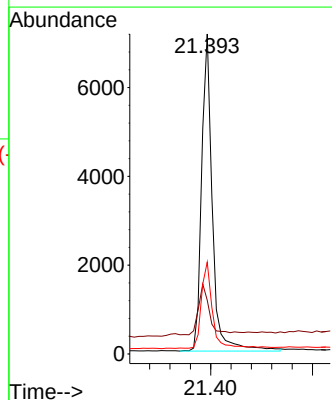
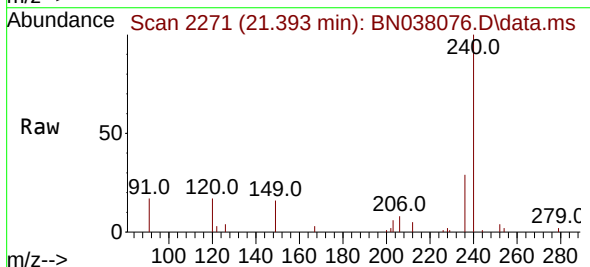
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ClientSampleId :
BP-VPB-184-EB-20251009

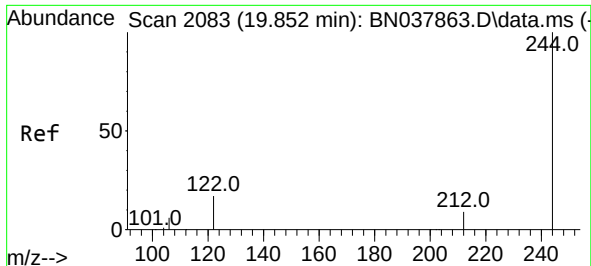
Tgt Ion:212 Resp: 12962
Ion Ratio Lower Upper
212 100
106 17.0 12.6 19.0
104 9.9 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN038076.D
Acq: 13 Oct 2025 19:48

Tgt Ion:240 Resp: 10438
Ion Ratio Lower Upper
240 100
120 16.8 11.4 17.2
236 28.7 23.0 34.6

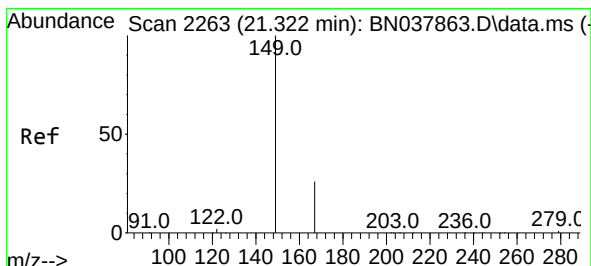
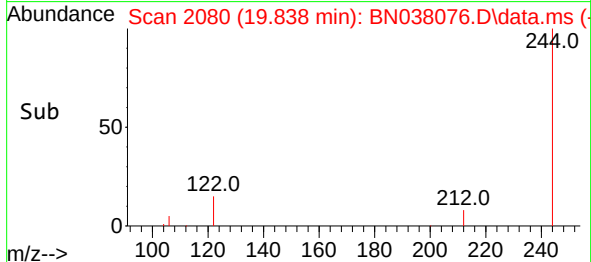
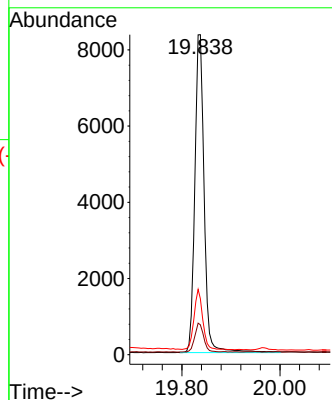
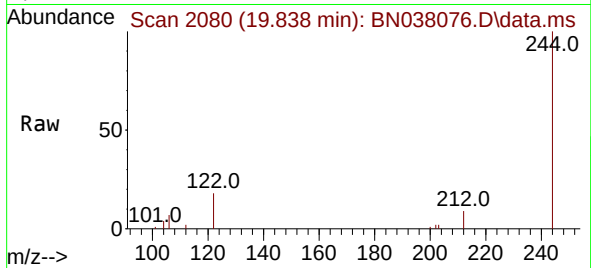




#31
 Terphenyl-d14
 Concen: 0.531 ng
 RT: 19.838 min Scan# 2080
 Delta R.T. -0.014 min
 Lab File: BN038076.D
 Acq: 13 Oct 2025 19:48

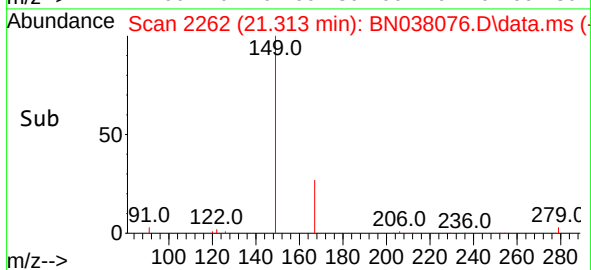
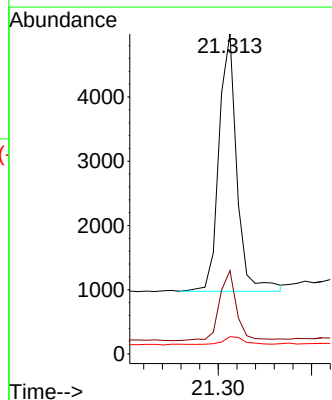
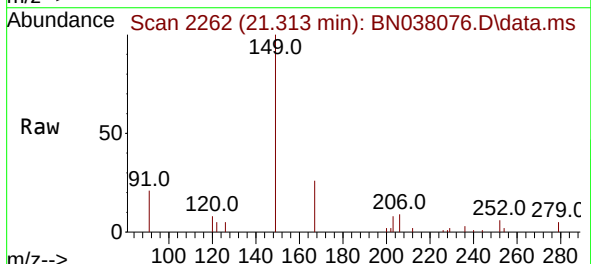
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-EB-20251009

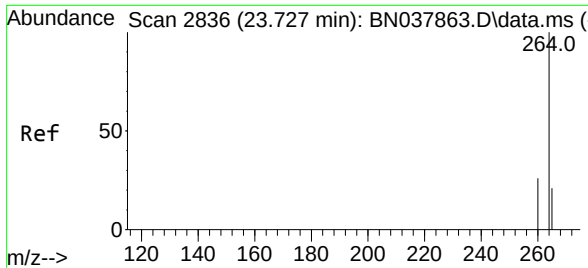
Tgt Ion:244 Resp: 11039
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.6 11.4
 122 17.5 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.369 ng
 RT: 21.313 min Scan# 2262
 Delta R.T. -0.009 min
 Lab File: BN038076.D
 Acq: 13 Oct 2025 19:48

Tgt Ion:149 Resp: 5324
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.4 30.6
 279 3.4 2.4 3.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.712 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN038076.D
Acq: 13 Oct 2025 19:48

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-EB-20251009

Tgt Ion:	264	Resp:	9949
Ion Ratio	Lower	Upper	
264	100		
260	27.2	21.5	32.3
265	115.0	53.8	80.6#

