

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
 Data File : BN038075.D
 Acq On : 13 Oct 2025 19:12
 Operator : RC/JU
 Sample : Q3298-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB184-HYD-20251003

Quant Time: Oct 14 02:38:53 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)

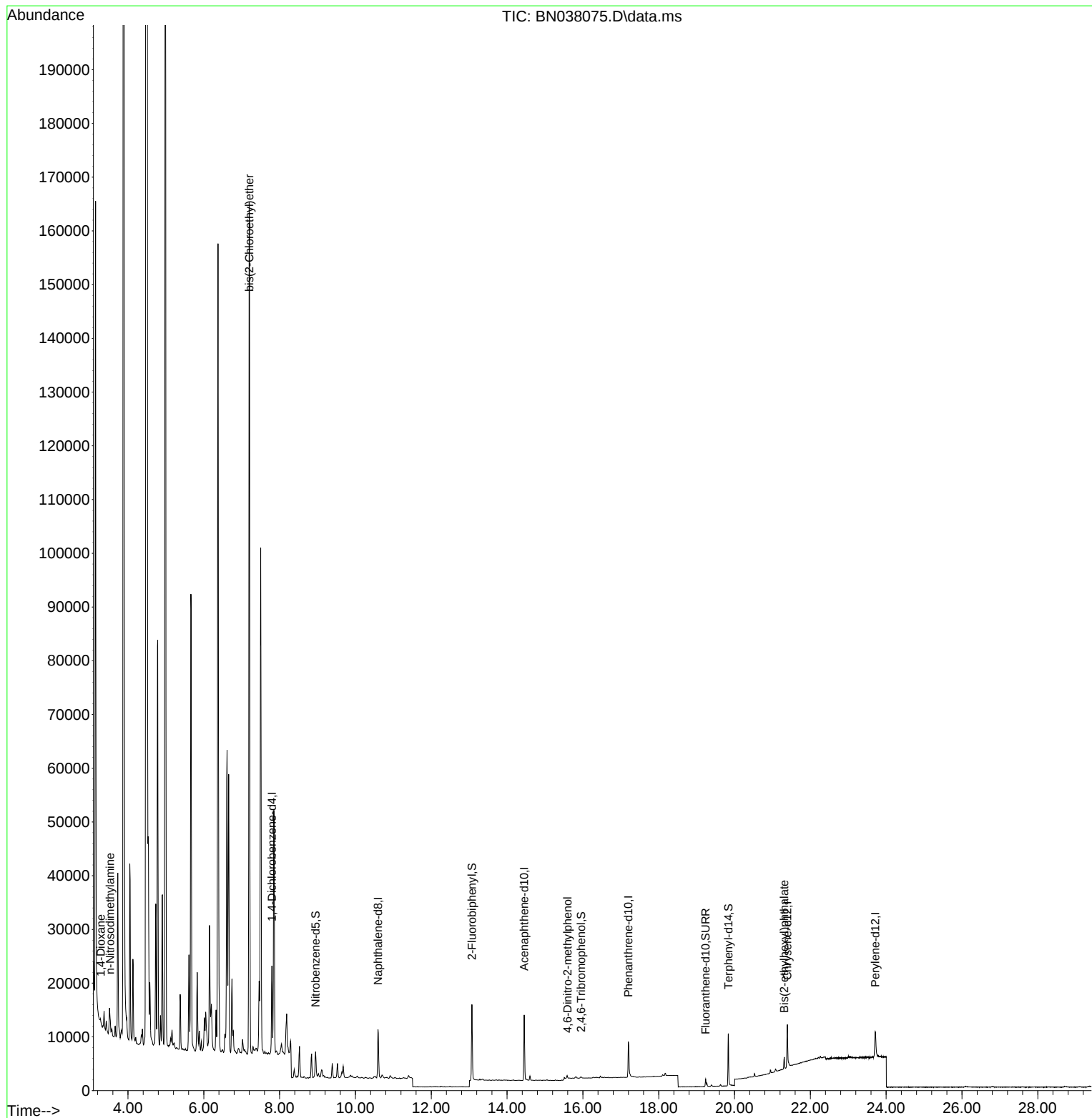
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	5261	0.400	ng	-0.03
7) Naphthalene-d8	10.594	136	13388	0.400	ng	#-0.03
13) Acenaphthene-d10	14.452	164	6636	0.400	ng	-0.02
19) Phenanthrene-d10	17.198	188	11371	0.400	ng	#-0.02
29) Chrysene-d12	21.393	240	8656	0.400	ng	# 0.00
35) Perylene-d12	23.712	264	7769	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.363	112	21	0.002	ng	-0.02
5) Phenol-d6	6.930	99	34	0.002	ng	-0.04
8) Nitrobenzene-d5	8.950	82	4031	0.395	ng	-0.02
11) 2-Methylnaphthalene-d10	12.172	152	9	0.000	ng	-0.05
14) 2,4,6-Tribromophenol	15.957	330	191	0.076	ng	-0.01
15) 2-Fluorobiphenyl	13.073	172	12721	0.468	ng	-0.02
27) Fluoranthene-d10	19.239	212	1615	0.056	ng	-0.01
31) Terphenyl-d14	19.838	244	10120	0.587	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.283	88	355	0.066	ng	# 1
3) n-Nitrosodimethylamine	3.528	42	3151	0.443	ng	# 5
6) bis(2-Chloroethyl)ether	7.204	93	105512	7.205	ng	# 44
20) 4,6-Dinitro-2-methylph...	15.597	198	13	0.077	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.313	149	2335	0.195	ng	# 99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20251003

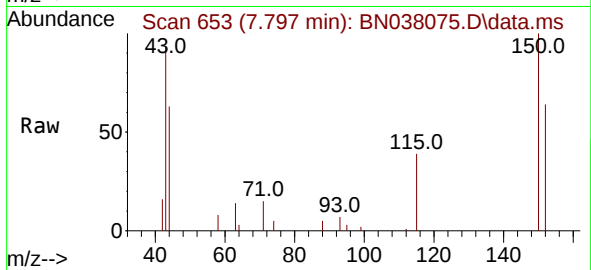
Quant Time: Oct 14 02:38:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
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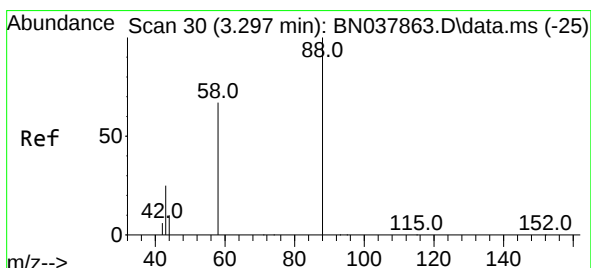
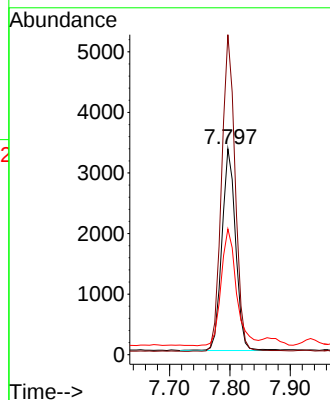
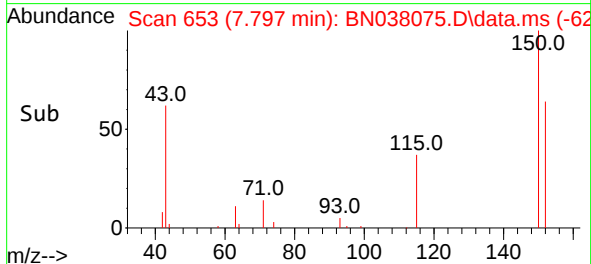


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.797 min Scan# 61
 Delta R.T. -0.028 min
 Lab File: BN038075.D
 Acq: 13 Oct 2025 19:12

Instrument :
 BNA_N
 ClientSampleId :
 VPB184-HYD-20251003

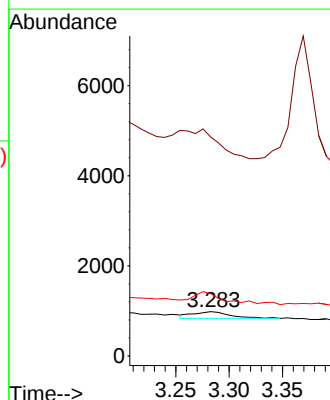
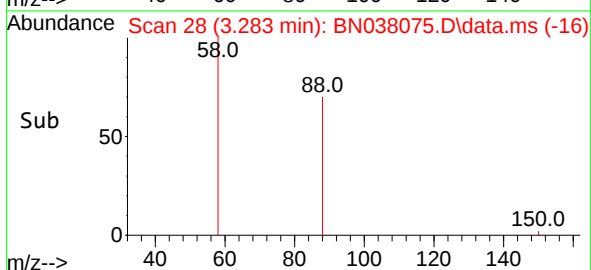
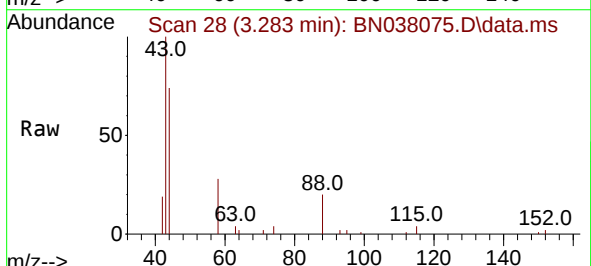


Tgt Ion:152 Resp: 5261
 Ion Ratio Lower Upper
 152 100
 150 155.3 121.0 181.4
 115 61.1 47.4 71.0



#2
 1,4-Dioxane
 Concen: 0.066 ng
 RT: 3.283 min Scan# 28
 Delta R.T. -0.014 min
 Lab File: BN038075.D
 Acq: 13 Oct 2025 19:12

Tgt Ion: 88 Resp: 355
 Ion Ratio Lower Upper
 88 100
 43 509.3 26.6 39.8#
 58 166.5 58.9 88.3#

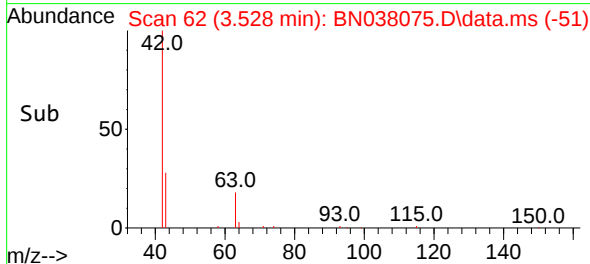
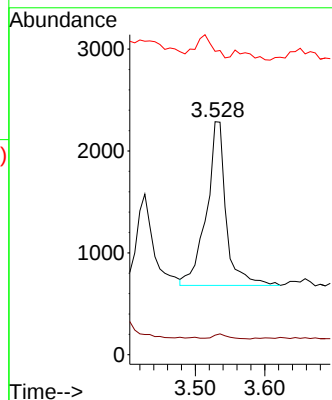
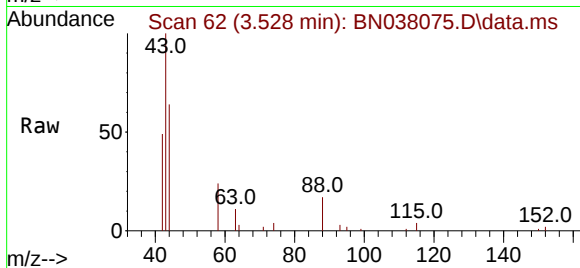




#3
n-Nitrosodimethylamine
Concen: 0.443 ng
RT: 3.528 min Scan# 61
Delta R.T. -0.072 min
Lab File: BN038075.D
Acq: 13 Oct 2025 19:12

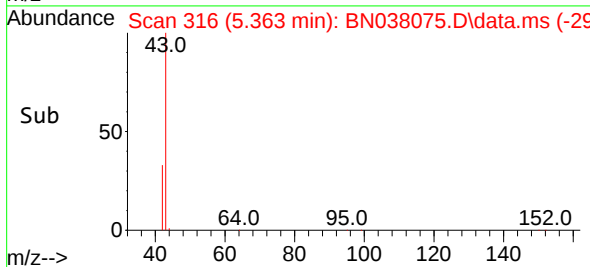
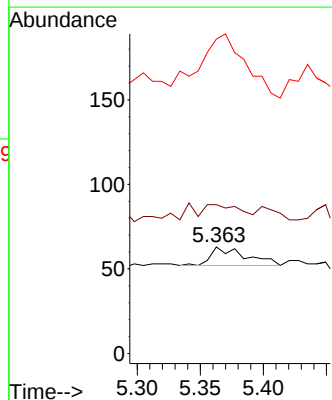
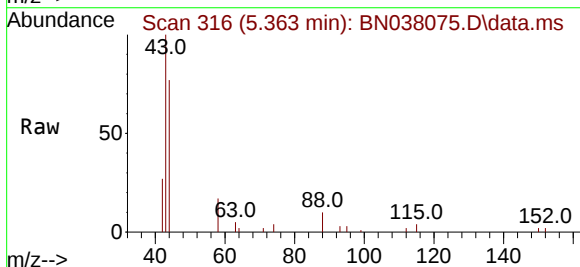
Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20251003

Tgt Ion: 42 Resp: 3151
Ion Ratio Lower Upper
42 100
74 2.2 93.4 140.0#
44 0.0 22.2 33.4#



#4
2-Fluorophenol
Concen: 0.002 ng
RT: 5.363 min Scan# 316
Delta R.T. -0.022 min
Lab File: BN038075.D
Acq: 13 Oct 2025 19:12

Tgt Ion: 112 Resp: 21
Ion Ratio Lower Upper
112 100
64 0.0 44.6 66.8#
63 461.9 24.9 37.3#

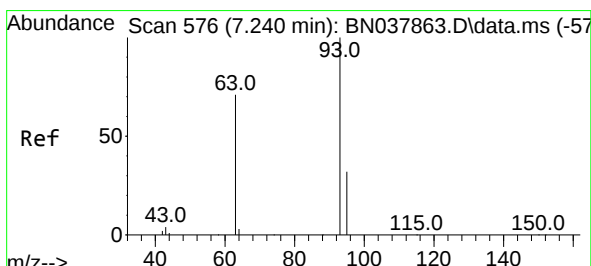
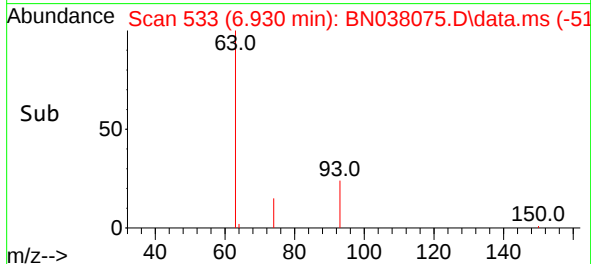
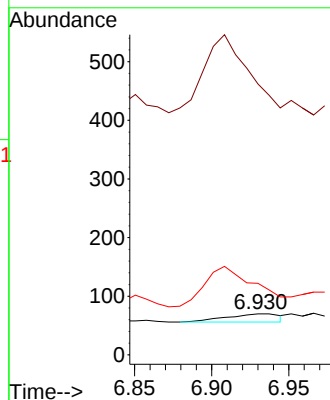
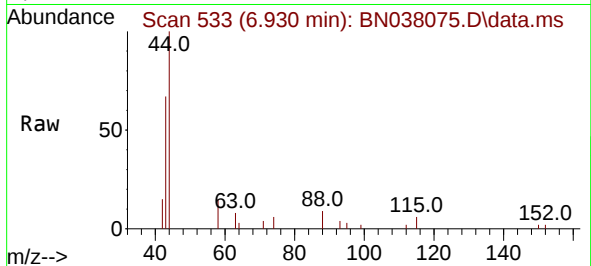




#5
Phenol-d6
Concen: 0.002 ng
RT: 6.930 min Scan# 51
Delta R.T. -0.043 min
Lab File: BN038075.D
Acq: 13 Oct 2025 19:12

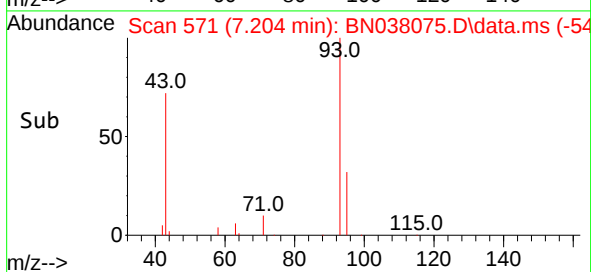
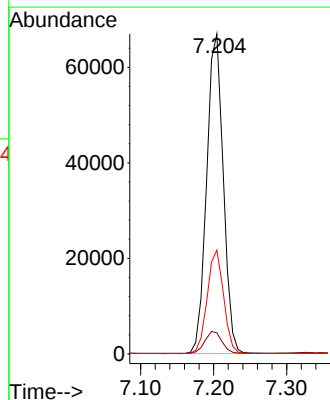
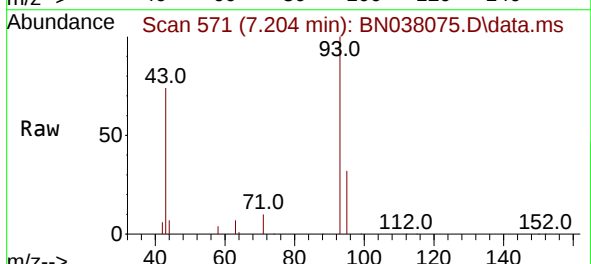
Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20251003

Tgt Ion: 99 Resp: 34
Ion Ratio Lower Upper
99 100
42 0.0 17.2 25.8#
71 0.0 27.3 40.9#



#6
bis(2-Chloroethyl)ether
Concen: 7.205 ng
RT: 7.204 min Scan# 571
Delta R.T. -0.036 min
Lab File: BN038075.D
Acq: 13 Oct 2025 19:12

Tgt Ion: 93 Resp: 105512
Ion Ratio Lower Upper
93 100
63 7.0 60.1 90.1#
95 31.9 25.4 38.2

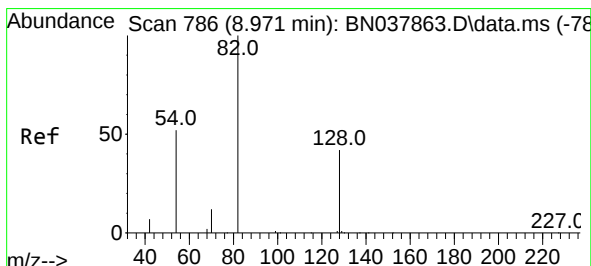
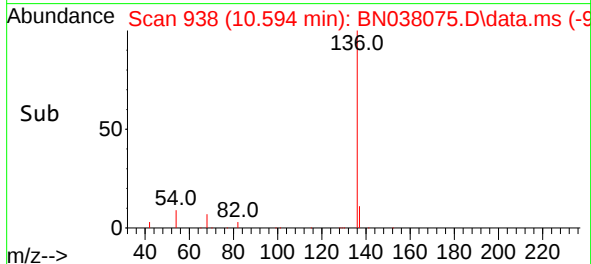
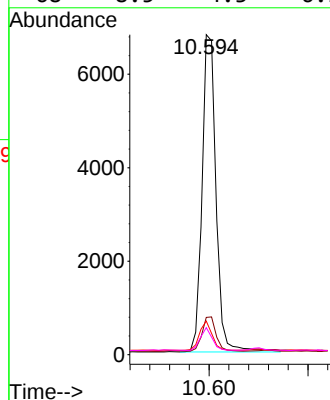
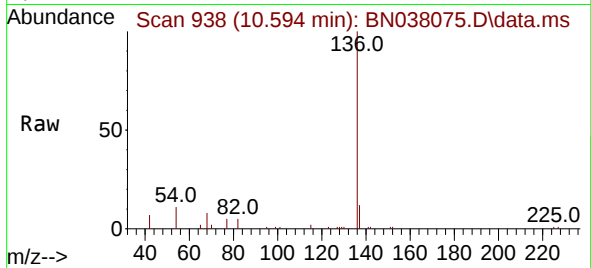




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 91
Delta R.T. -0.032 min
Lab File: BN038075.D
Acq: 13 Oct 2025 19:12

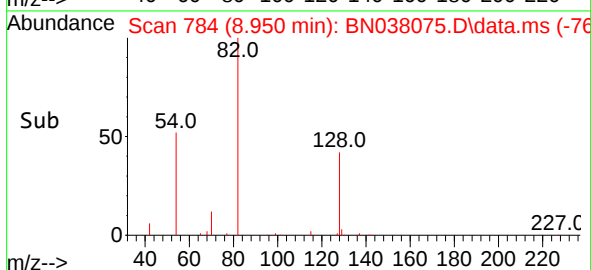
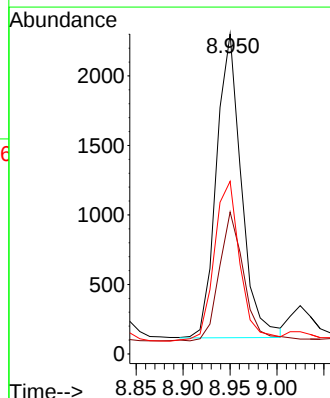
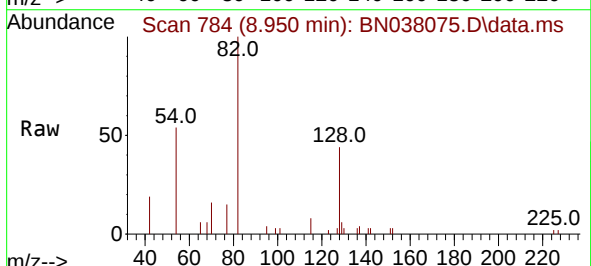
Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20251003

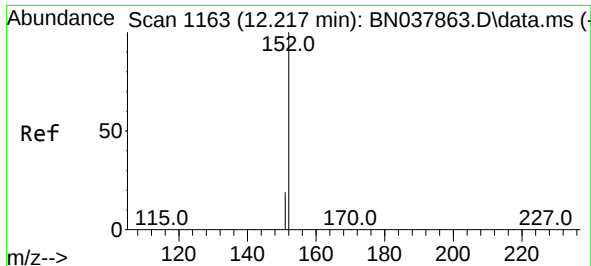
Tgt Ion:	136	Resp:	13388
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.0	13.4
54	10.5	5.8	8.8#
68	8.5	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.395 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038075.D
Acq: 13 Oct 2025 19:12

Tgt Ion:	82	Resp:	4031
Ion Ratio	Lower	Upper	
82	100		
128	44.4	34.8	52.2
54	54.0	42.2	63.2

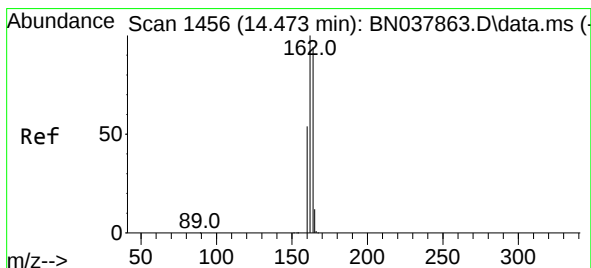
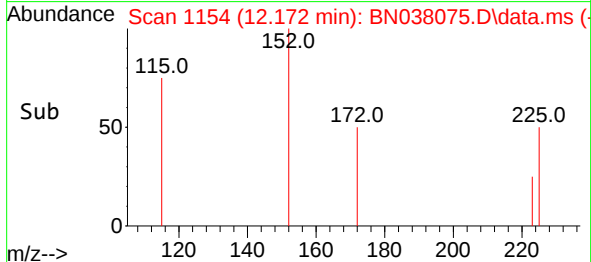
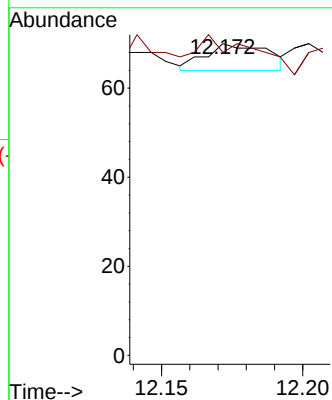
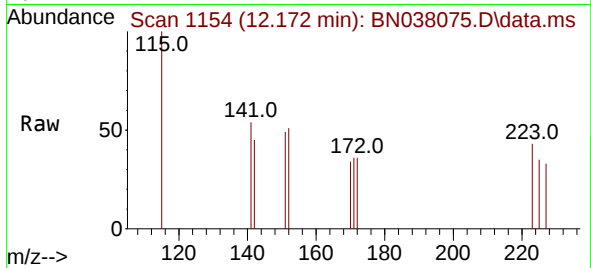




#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.172 min Scan# 1163
Delta R.T. -0.046 min
Lab File: BN038075.D
Acq: 13 Oct 2025 19:12

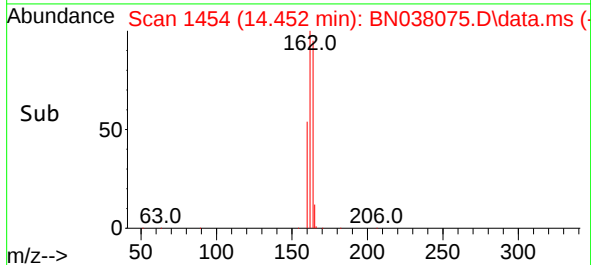
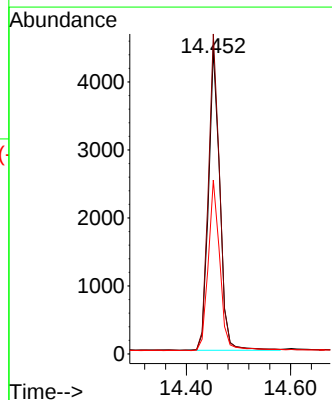
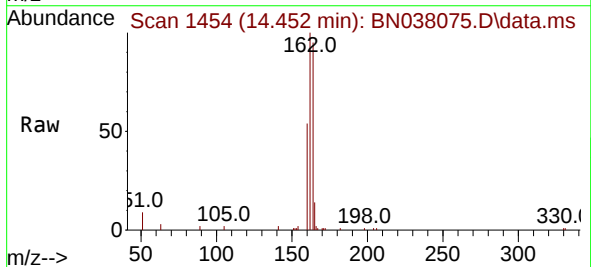
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ClientSampleId :
VPB184-HYD-20251003

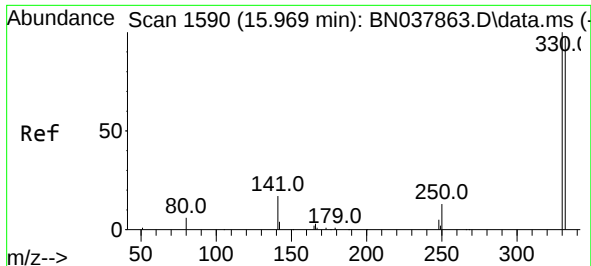
Tgt Ion:152 Resp: 9
Ion Ratio Lower Upper
152 100
151 133.3 17.4 26.2#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.452 min Scan# 1454
Delta R.T. -0.021 min
Lab File: BN038075.D
Acq: 13 Oct 2025 19:12

Tgt Ion:164 Resp: 6636
Ion Ratio Lower Upper
164 100
162 105.4 84.8 127.2
160 57.3 46.1 69.1

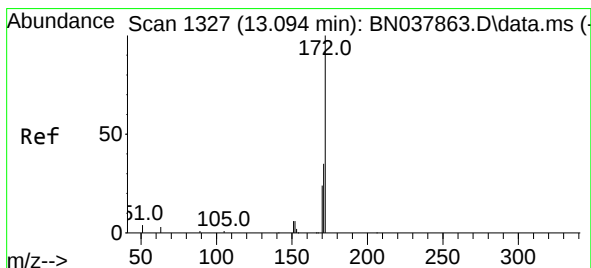
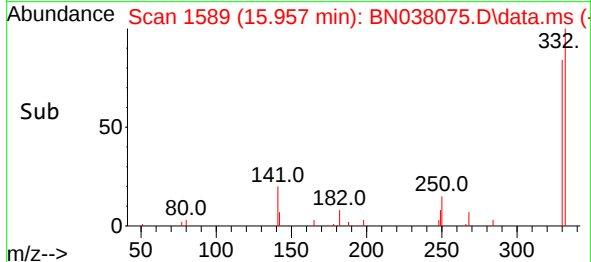
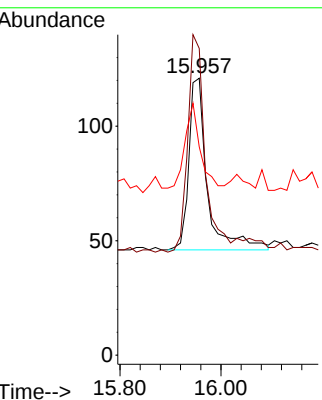
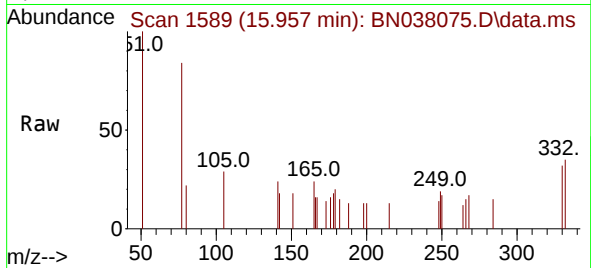




#14
2,4,6-Tribromophenol
Concen: 0.076 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN038075.D
Acq: 13 Oct 2025 19:12

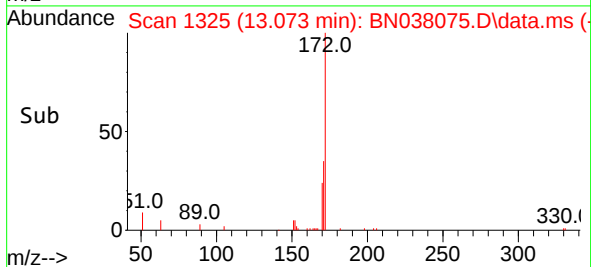
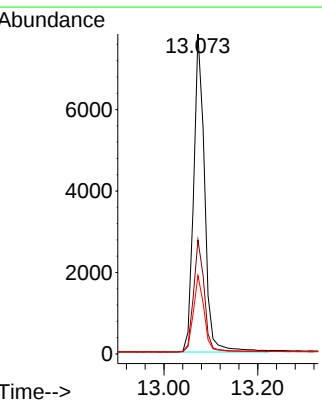
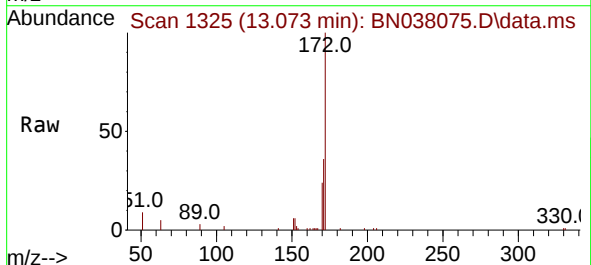
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ClientSampleId :
VPB184-HYD-20251003

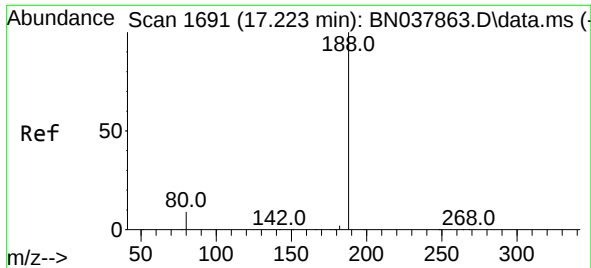
Tgt Ion:	330	Resp:	191
Ion Ratio	Lower	Upper	
330	100		
332	123.0	77.2	115.8#
141	44.5	37.2	55.8



#15
2-Fluorobiphenyl
Concen: 0.468 ng
RT: 13.073 min Scan# 1325
Delta R.T. -0.021 min
Lab File: BN038075.D
Acq: 13 Oct 2025 19:12

Tgt Ion:	172	Resp:	12721
Ion Ratio	Lower	Upper	
172	100		
171	35.7	28.6	43.0
170	24.5	19.7	29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.198 min Scan# 1

Delta R.T. -0.025 min

Lab File: BN038075.D

Acq: 13 Oct 2025 19:12

Instrument :

BNA_N

ClientSampleId :

VPB184-HYD-20251003

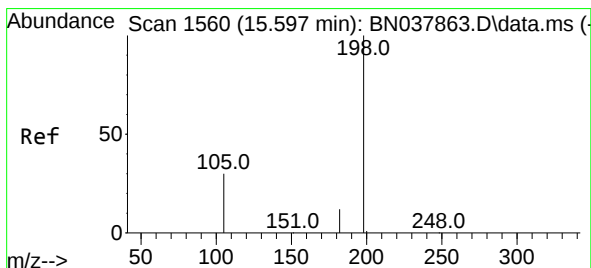
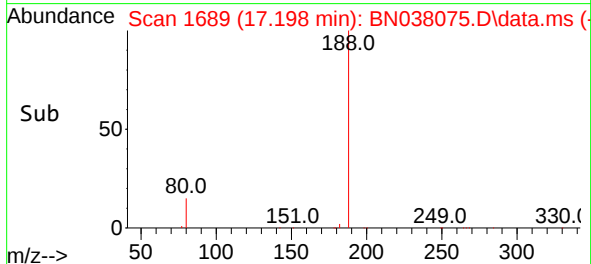
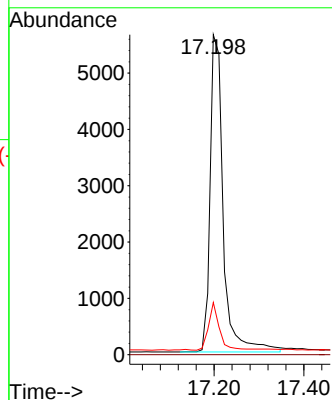
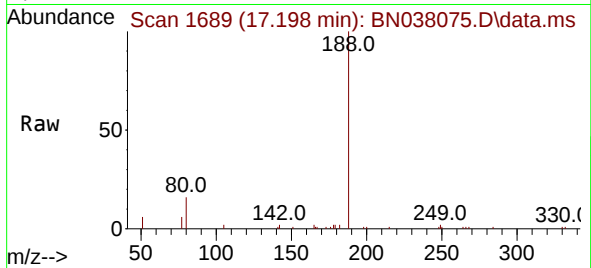
Tgt Ion:188 Resp: 11371

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.3 7.6 11.4#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.077 ng

RT: 15.597 min Scan# 1560

Delta R.T. -0.000 min

Lab File: BN038075.D

Acq: 13 Oct 2025 19:12

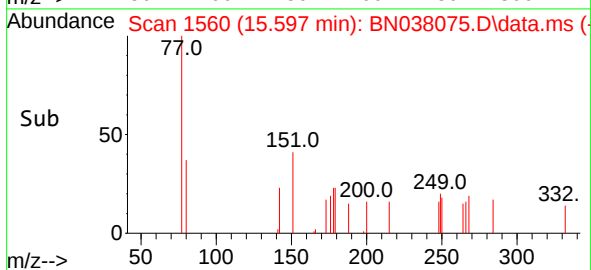
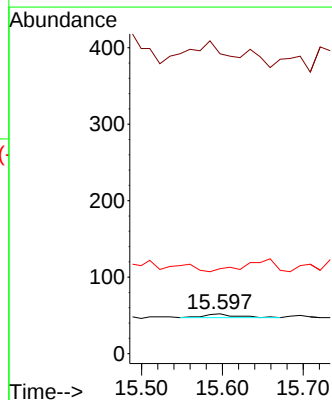
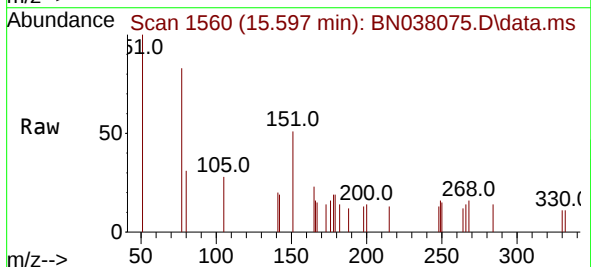
Tgt Ion:198 Resp: 13

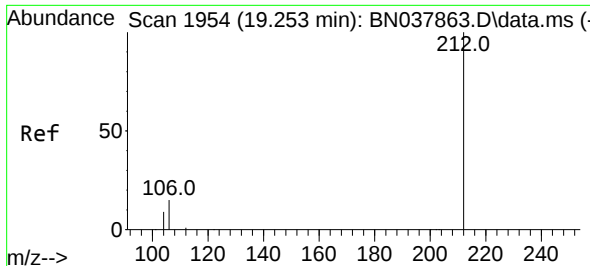
Ion Ratio Lower Upper

198 100

51 753.8 59.1 88.7#

105 213.5 41.3 61.9#

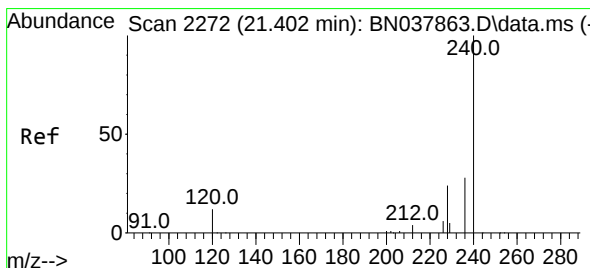
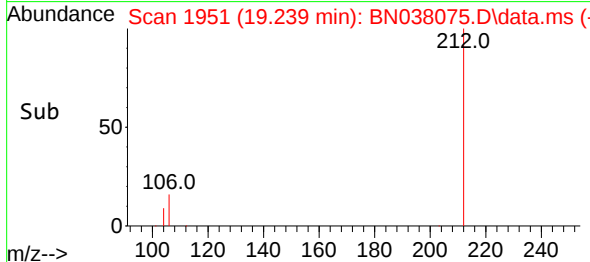
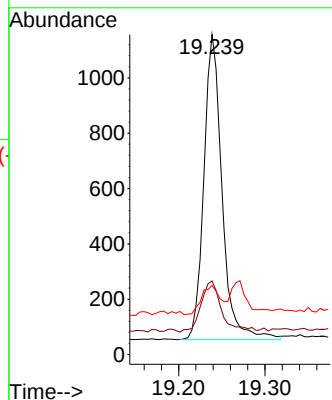
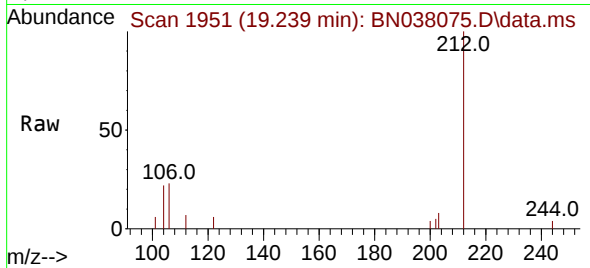




#27
Fluoranthene-d10
Concen: 0.056 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038075.D
Acq: 13 Oct 2025 19:12

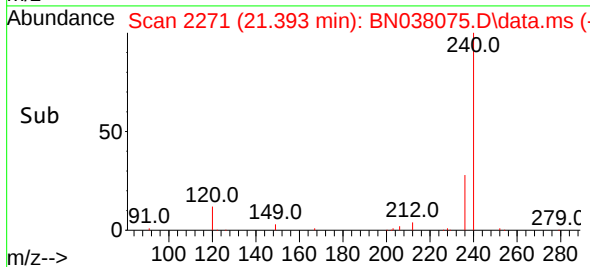
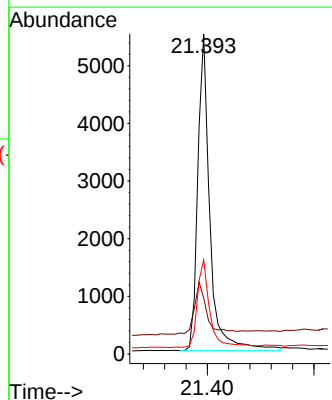
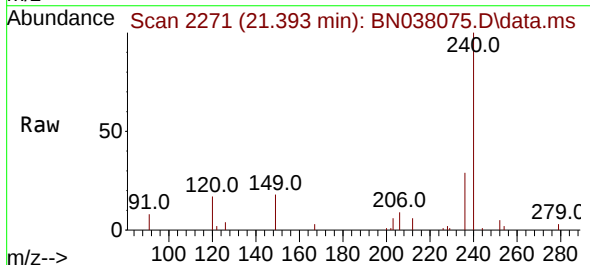
Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20251003

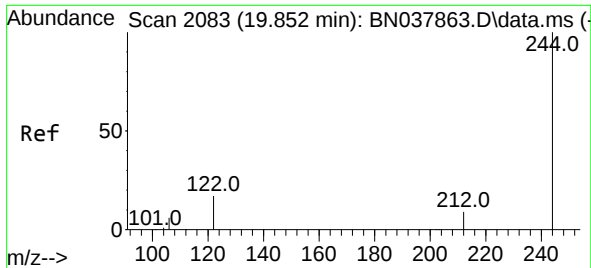
Tgt Ion:212 Resp: 1615
Ion Ratio Lower Upper
212 100
106 19.3 12.6 19.0#
104 9.4 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN038075.D
Acq: 13 Oct 2025 19:12

Tgt Ion:240 Resp: 8656
Ion Ratio Lower Upper
240 100
120 17.5 11.4 17.2#
236 29.4 23.0 34.6

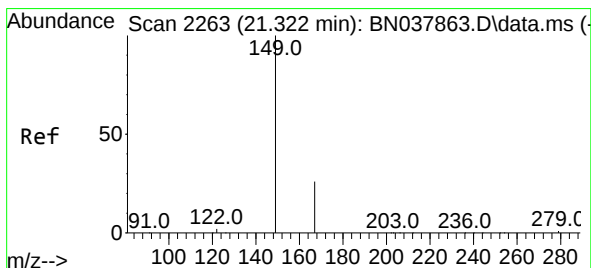
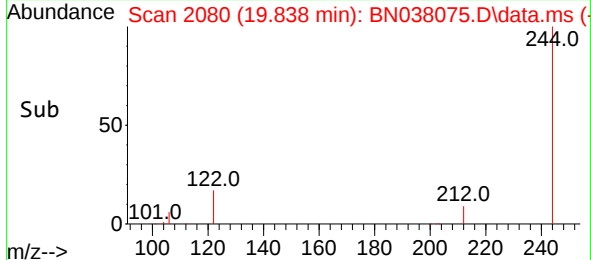
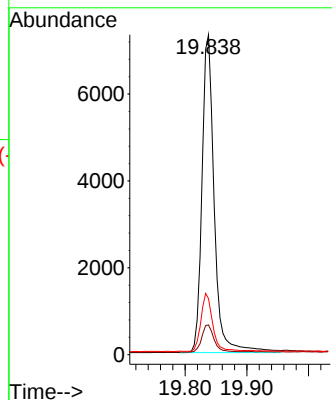
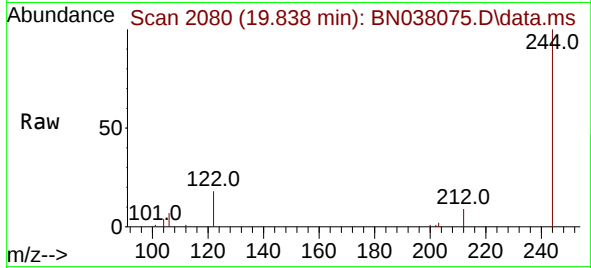




#31
 Terphenyl-d14
 Concen: 0.587 ng
 RT: 19.838 min Scan# 2080
 Delta R.T. -0.014 min
 Lab File: BN038075.D
 Acq: 13 Oct 2025 19:12

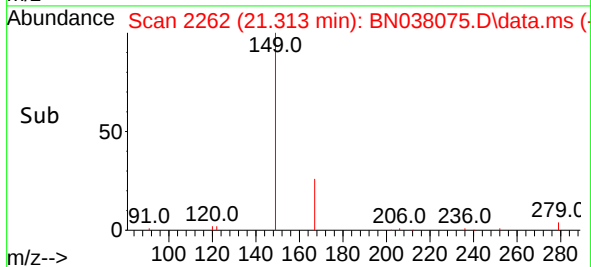
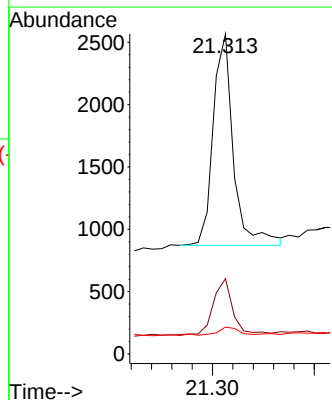
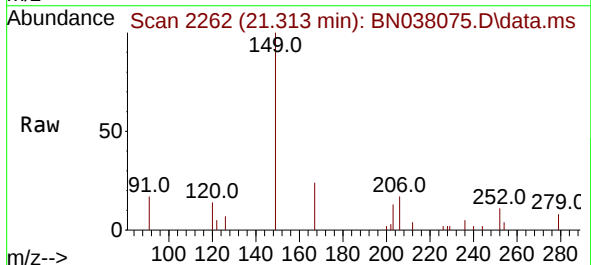
Instrument :
 BNA_N
 ClientSampleId :
 VPB184-HYD-20251003

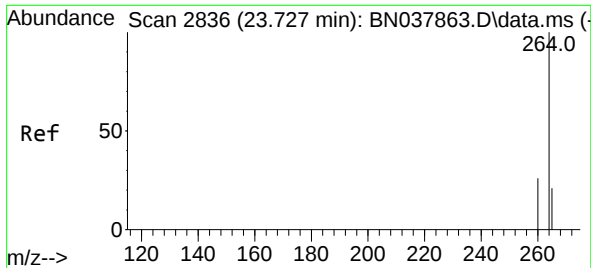
Tgt Ion:244	Resp:	10120
Ion Ratio	Lower	Upper
244	100	
212	9.3	7.6 11.4
122	17.5	13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.195 ng
 RT: 21.313 min Scan# 2262
 Delta R.T. -0.009 min
 Lab File: BN038075.D
 Acq: 13 Oct 2025 19:12

Tgt Ion:149	Resp:	2335
Ion Ratio	Lower	Upper
149	100	
167	26.0	20.4 30.6
279	4.5	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: BN038075.D
Acq: 13 Oct 2025 19:12

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20251003

Tgt Ion:264 Resp: 7769
Ion Ratio Lower Upper
264 100
260 27.8 21.5 32.3
265 146.9 53.8 80.6#

