

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
 Data File : BN038028.D
 Acq On : 07 Oct 2025 03:09
 Operator : RC/JU
 Sample : Q3213-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB184-HYD-20250924

Quant Time: Oct 07 04:17:12 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)

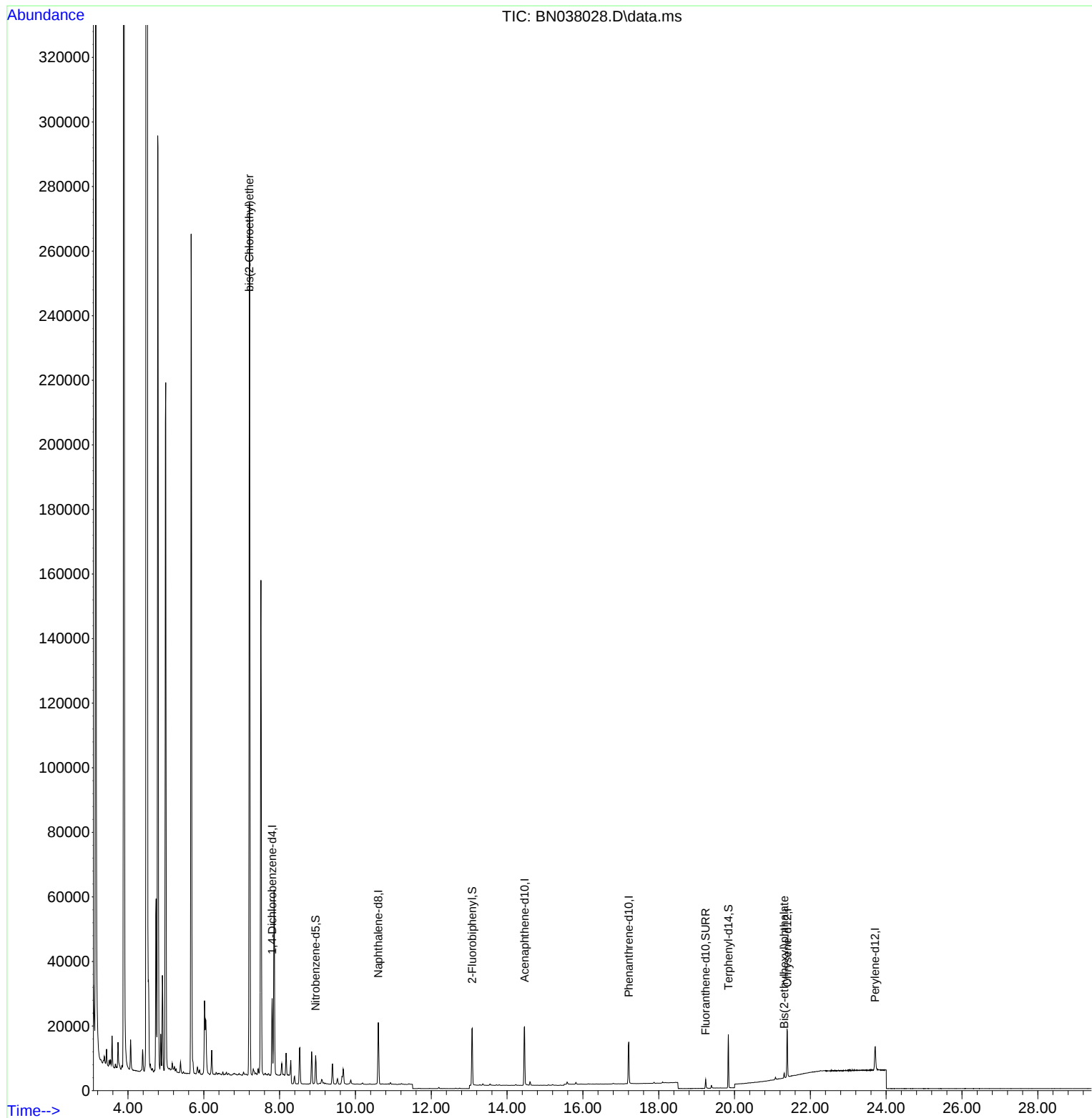
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	9188	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	24871	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	11299	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	19333	0.400	ng	-0.01
29) Chrysene-d12	21.393	240	14413	0.400	ng	0.00
35) Perylene-d12	23.709	264	10609	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	40	0.002	ng	0.00
5) Phenol-d6	0.000	99	0d	0.000	ng	
8) Nitrobenzene-d5	8.950	82	6770	0.357	ng	-0.02
11) 2-Methylnaphthalene-d10	12.202	152	492	0.014	ng	-0.02
14) 2,4,6-Tribromophenol	15.944	330	41	0.010	ng	-0.02
15) 2-Fluorobiphenyl	13.083	172	17146	0.371	ng	-0.01
27) Fluoranthene-d10	19.239	212	2954	0.061	ng	-0.01
31) Terphenyl-d14	19.838	244	14779	0.515	ng	-0.01
Target Compounds						
6) bis(2-Chloroethyl)ether	7.204	93	174897	6.839	ng	# 44
34) Bis(2-ethylhexyl)phtha...	21.313	149	1712	0.086	ng	93

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

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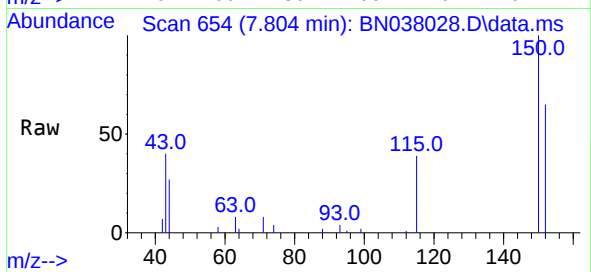
Quant Time: Oct 07 04:17:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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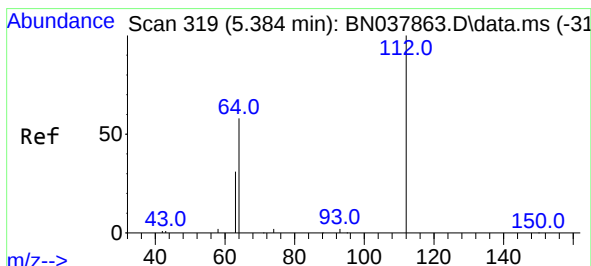
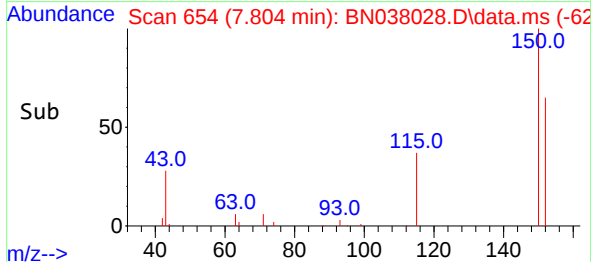
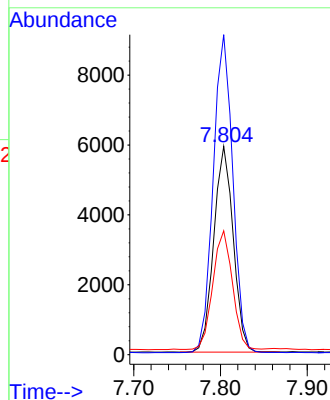


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN038028.D
Acq: 07 Oct 2025 03:09

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20250924

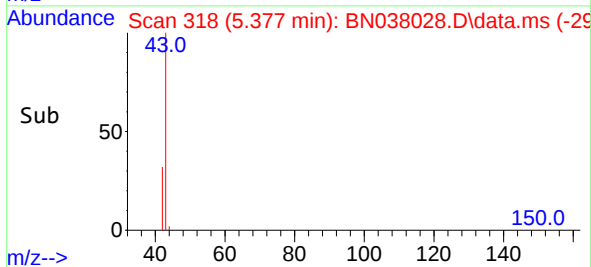
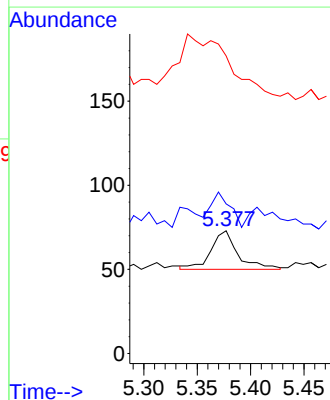
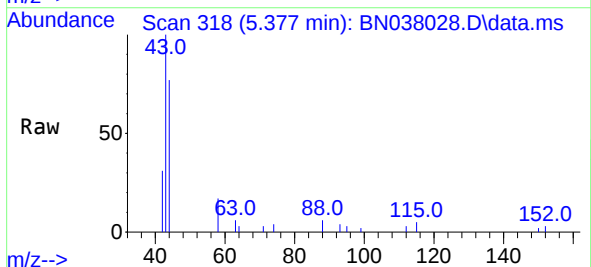


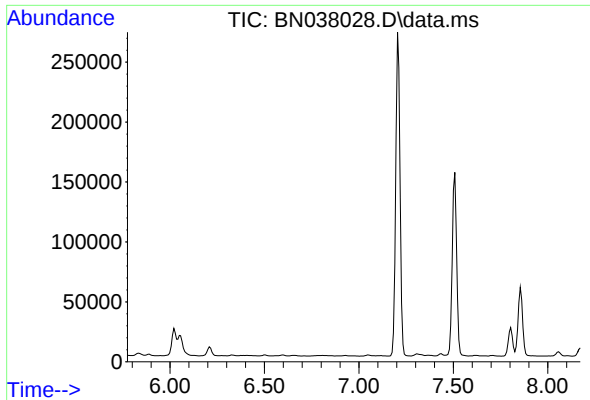
Tgt Ion:152 Resp: 9188
Ion Ratio Lower Upper
152 100
150 153.7 121.0 181.4
115 59.5 47.4 71.0



#4
2-Fluorophenol
Concen: 0.002 ng
RT: 5.377 min Scan# 318
Delta R.T. -0.007 min
Lab File: BN038028.D
Acq: 07 Oct 2025 03:09

Tgt Ion:112 Resp: 40
Ion Ratio Lower Upper
112 100
64 65.0 44.6 66.8
63 0.0 24.9 37.3#

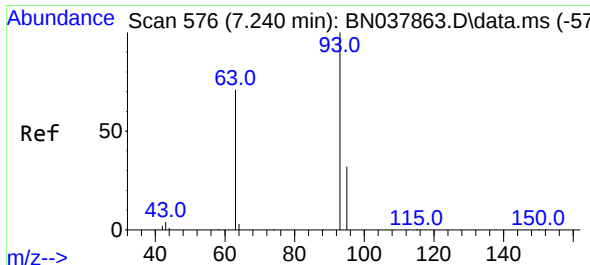
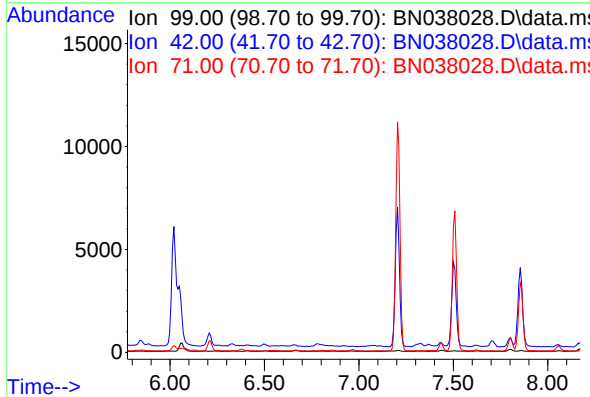




#5
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.97 min
 Lab File: BN038028.D
 Acq: 07 Oct 2025 03:09

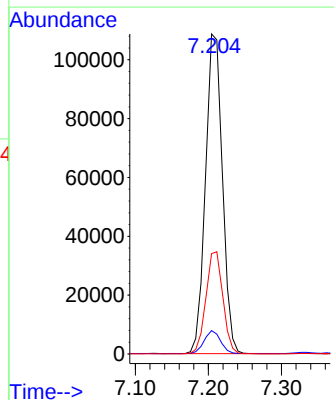
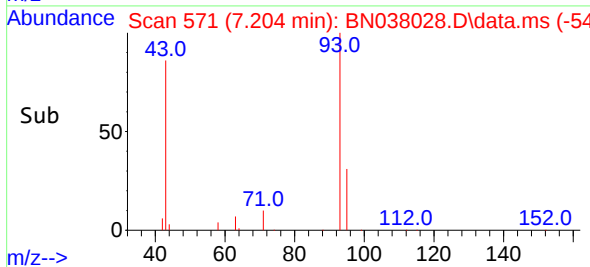
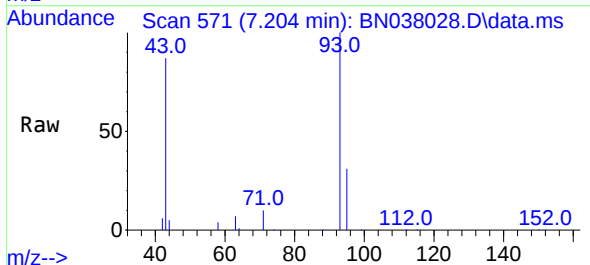
Instrument :
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 VPB184-HYD-20250924

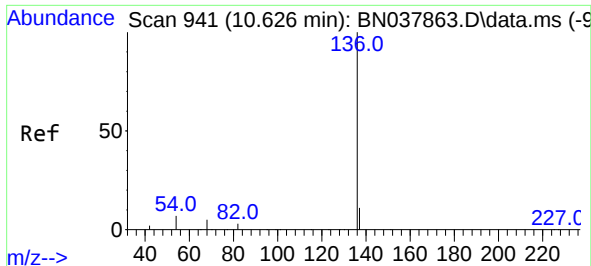
Tgt Ion: 99
 Sig Exp Ratio
 99 100
 42 21.5
 71 34.1



#6
 bis(2-Chloroethyl)ether
 Concen: 6.839 ng
 RT: 7.204 min Scan# 571
 Delta R.T. -0.036 min
 Lab File: BN038028.D
 Acq: 07 Oct 2025 03:09

Tgt Ion: 93 Resp: 174897
 Ion Ratio Lower Upper
 93 100
 63 6.9 60.1 90.1#
 95 31.9 25.4 38.2

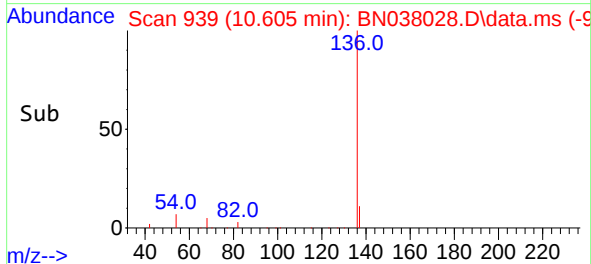
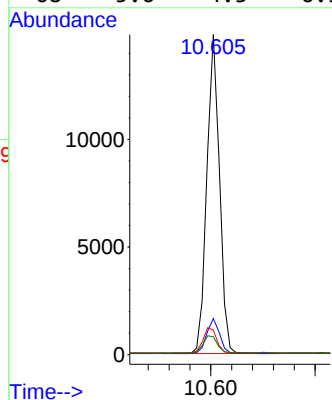
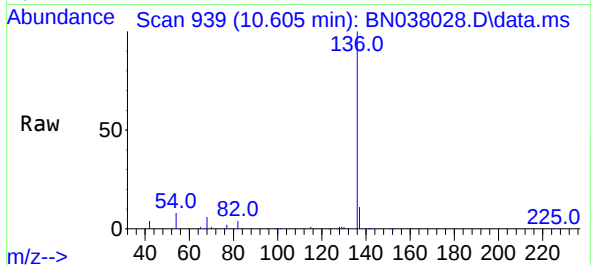




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN038028.D
Acq: 07 Oct 2025 03:09

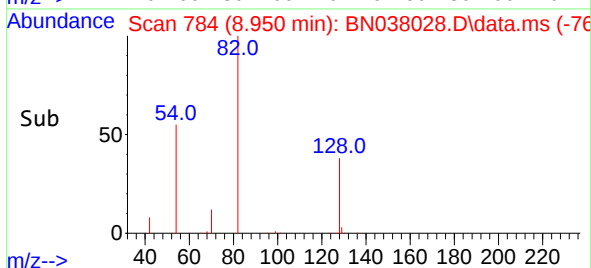
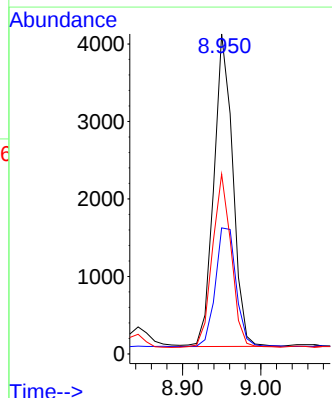
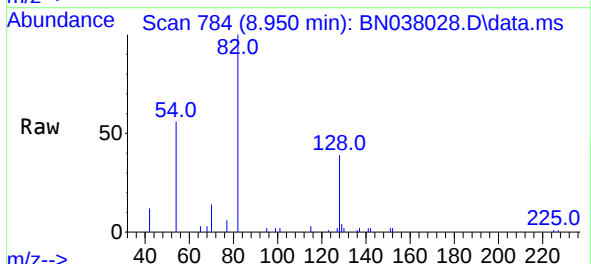
Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20250924

Tgt Ion:	136	Resp:	24871
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.6	5.8	8.8
68	5.6	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.357 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038028.D
Acq: 07 Oct 2025 03:09

Tgt Ion:	82	Resp:	6770
Ion	Ratio	Lower	Upper
82	100		
128	39.4	34.8	52.2
54	56.2	42.2	63.2

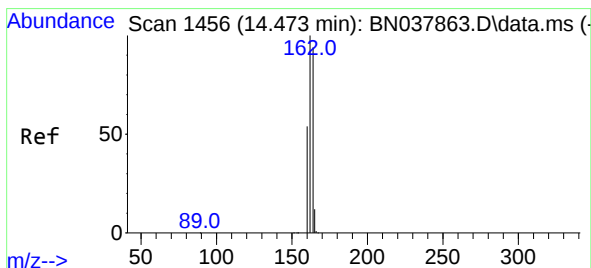
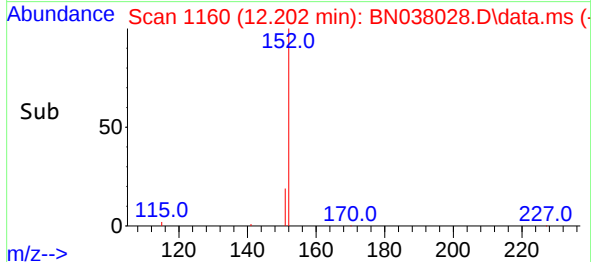
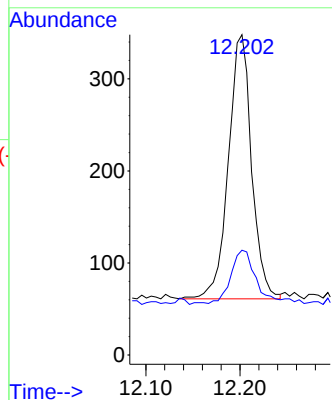
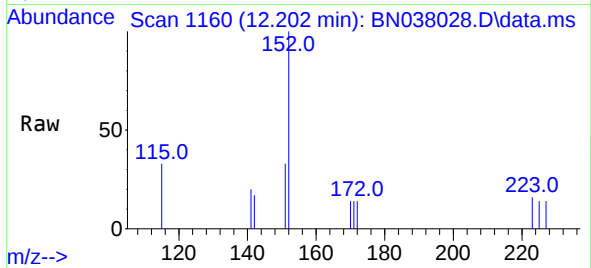




#11
2-Methylnaphthalene-d10
Concen: 0.014 ng
RT: 12.202 min Scan# 1160
Delta R.T. -0.015 min
Lab File: BN038028.D
Acq: 07 Oct 2025 03:09

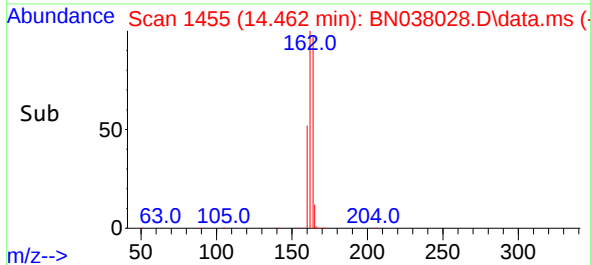
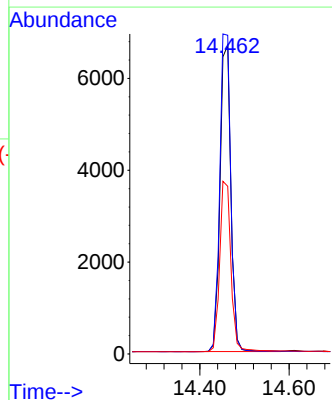
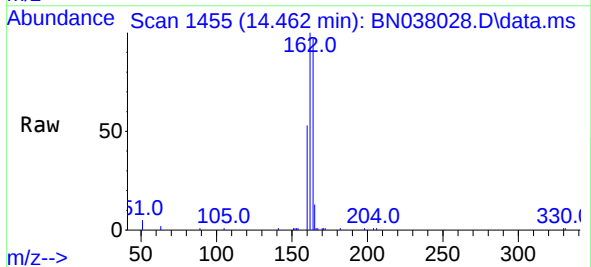
Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20250924

Tgt Ion:152 Resp: 492
Ion Ratio Lower Upper
152 100
151 21.3 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN038028.D
Acq: 07 Oct 2025 03:09

Tgt Ion:164 Resp: 11299
Ion Ratio Lower Upper
164 100
162 103.3 84.8 127.2
160 54.3 46.1 69.1

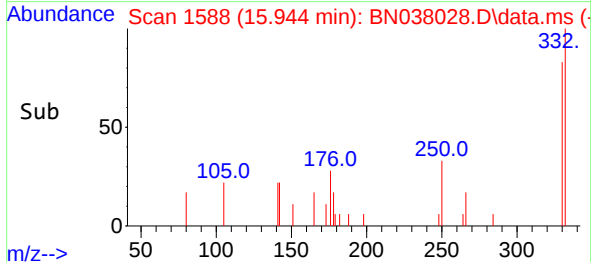
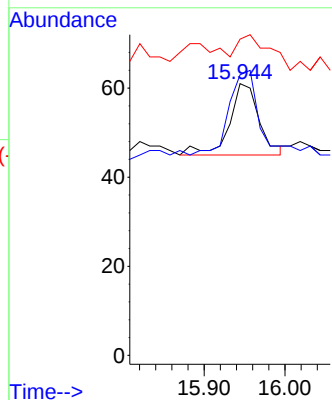
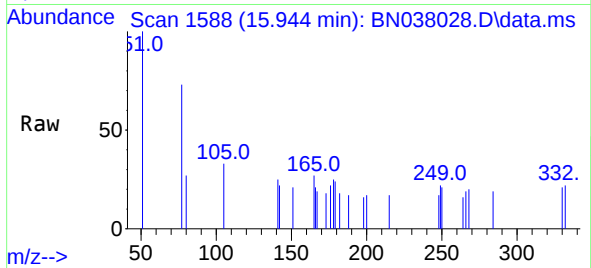




#14
2,4,6-Tribromophenol
Concen: 0.010 ng
RT: 15.944 min Scan# 1588
Delta R.T. -0.025 min
Lab File: BN038028.D
Acq: 07 Oct 2025 03:09

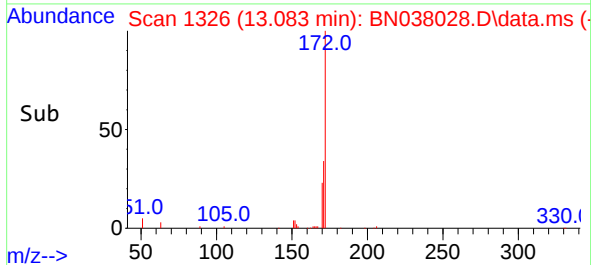
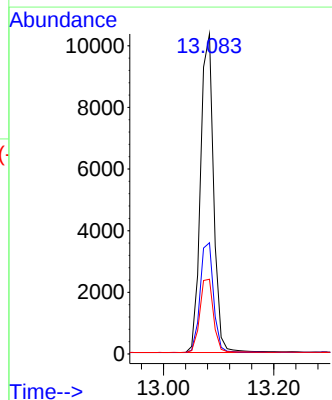
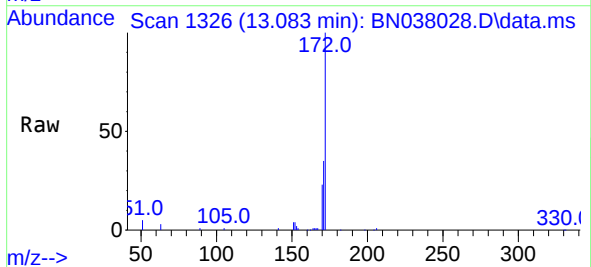
Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20250924

Tgt Ion:330 Resp: 41
Ion Ratio Lower Upper
330 100
332 124.4 77.2 115.8#
141 56.1 37.2 55.8#



#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN038028.D
Acq: 07 Oct 2025 03:09

Tgt Ion:172 Resp: 17146
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 23.4 19.7 29.5

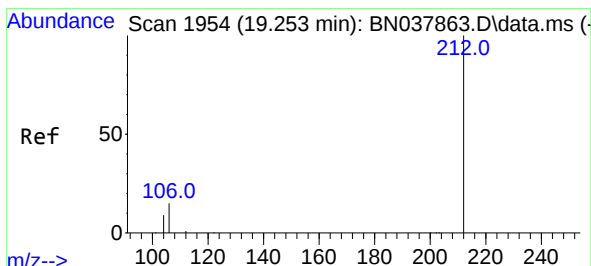
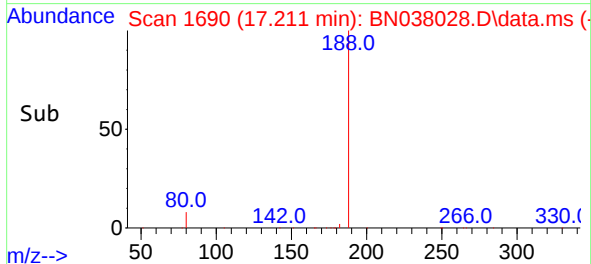
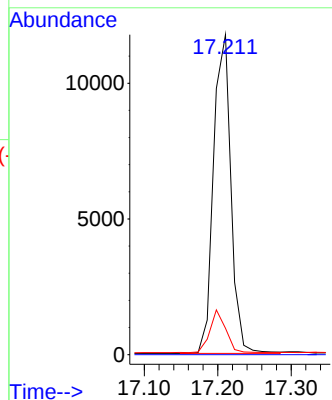
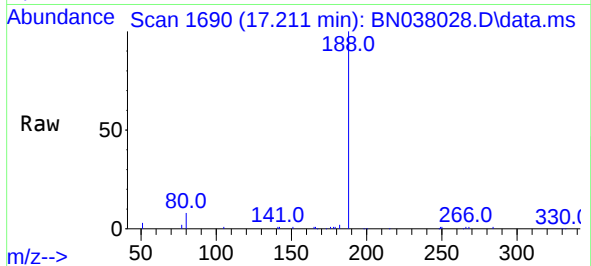




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN038028.D
Acq: 07 Oct 2025 03:09

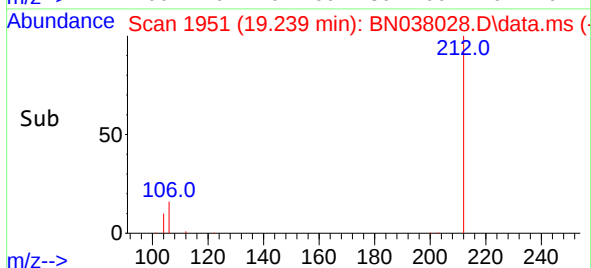
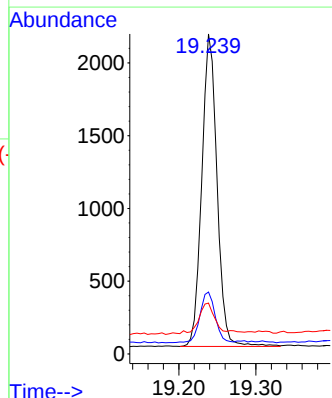
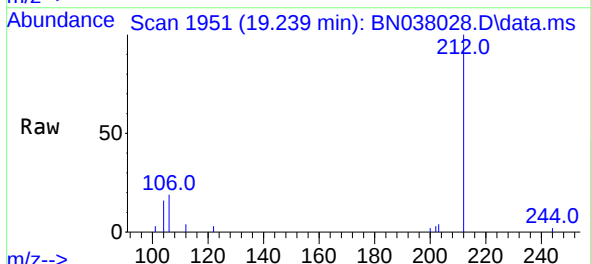
Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20250924

Tgt Ion:188 Resp: 19333
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 7.6 11.4



#27
Fluoranthene-d10
Concen: 0.061 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038028.D
Acq: 07 Oct 2025 03:09

Tgt Ion:212 Resp: 2954
Ion Ratio Lower Upper
212 100
106 16.0 12.6 19.0
104 10.9 7.4 11.0

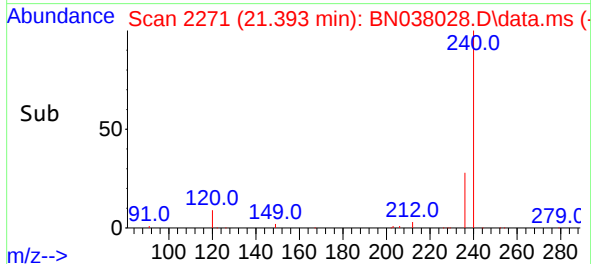
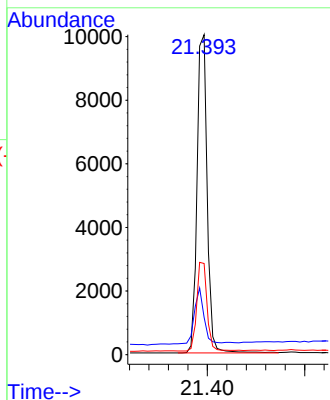
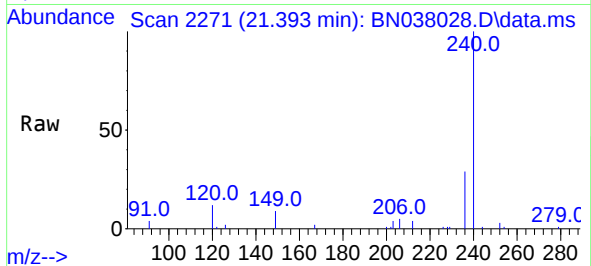




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038028.D
Acq: 07 Oct 2025 03:09

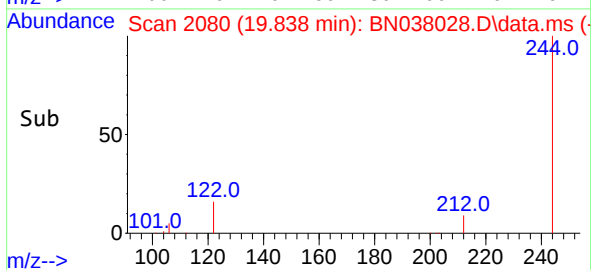
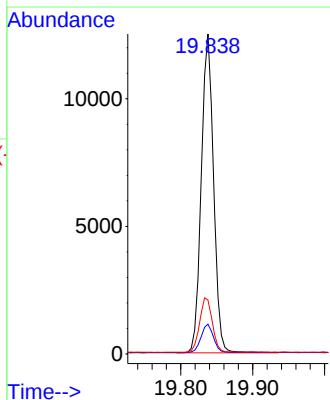
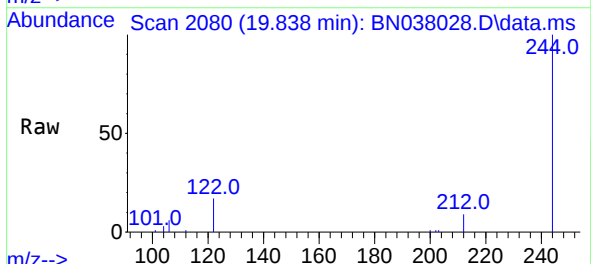
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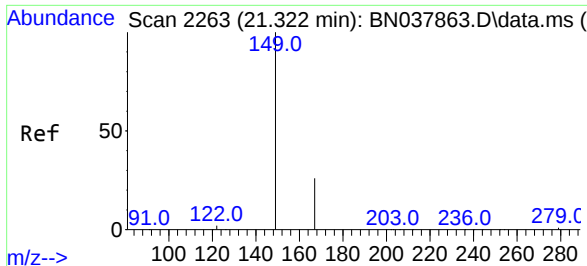
Tgt Ion:	240	Resp:	14413
Ion	Ratio	Lower	Upper
240	100		
120	11.6	11.4	17.2
236	28.5	23.0	34.6



#31
Terphenyl-d14
Concen: 0.515 ng
RT: 19.838 min Scan# 2080
Delta R.T. -0.014 min
Lab File: BN038028.D
Acq: 07 Oct 2025 03:09

Tgt Ion:	244	Resp:	14779
Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.6	11.4
122	16.9	13.9	20.9

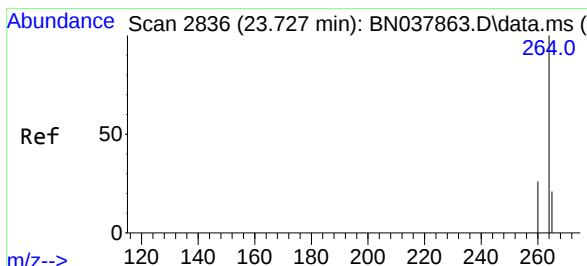
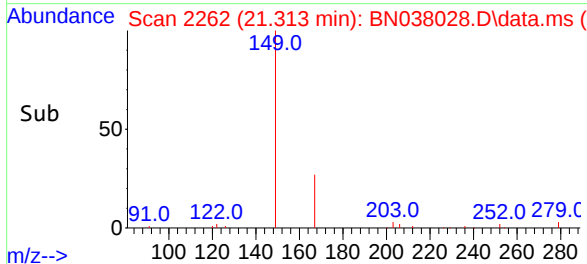
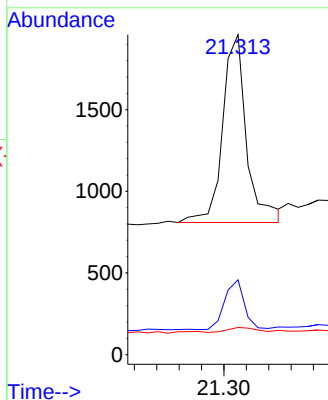
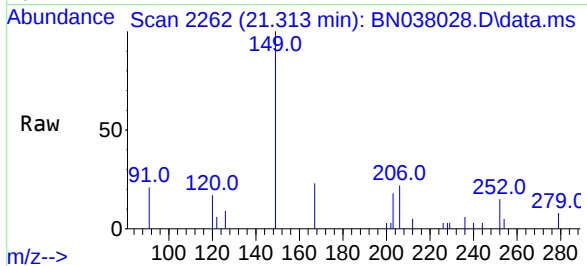




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.086 ng
RT: 21.313 min Scan# 2130
Delta R.T. -0.009 min
Lab File: BN038028.D
Acq: 07 Oct 2025 03:09

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20250924

Tgt Ion:149 Resp: 1712
Ion Ratio Lower Upper
149 100
167 21.7 20.4 30.6
279 3.1 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: BN038028.D
Acq: 07 Oct 2025 03:09

Tgt Ion:264 Resp: 10609
Ion Ratio Lower Upper
264 100
260 26.7 21.5 32.3
265 103.7 53.8 80.6#

