

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
 Data File : BN038033.D
 Acq On : 07 Oct 2025 06:10
 Operator : RC/JU
 Sample : Q3213-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-EB-20250923

Quant Time: Oct 07 08:09:59 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)

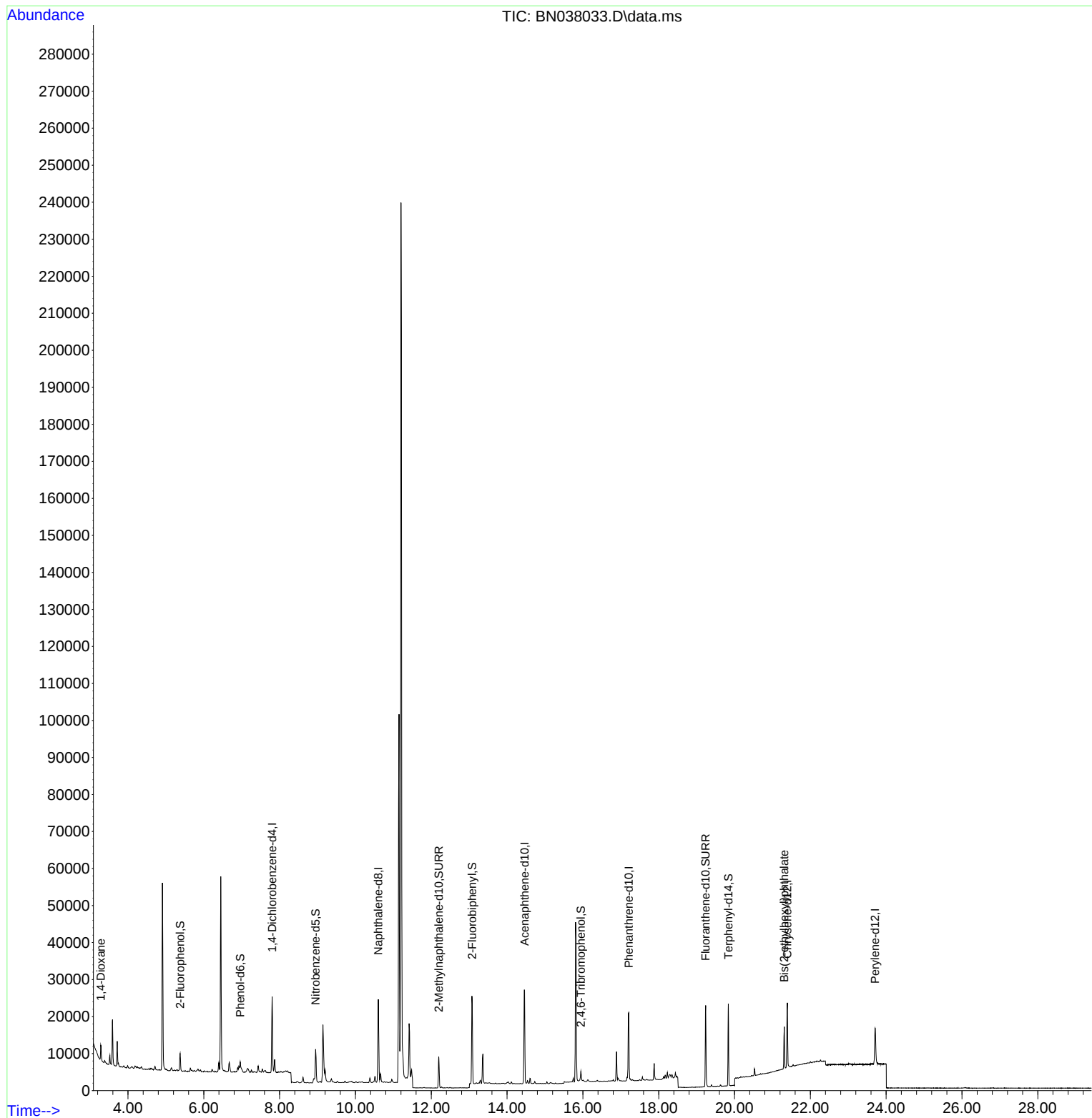
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.803	152	9567	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	28389	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	15544	0.400	ng	-0.01
19) Phenanthrene-d10	17.210	188	28505	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	16926	0.400	ng	0.00
35) Perylene-d12	23.709	264	14124	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	2884	0.132	ng	0.00
5) Phenol-d6	6.958	99	2368	0.083	ng	-0.01
8) Nitrobenzene-d5	8.950	82	7124	0.329	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	11261	0.286	ng	-0.02
14) 2,4,6-Tribromophenol	15.944	330	1625	0.276	ng	-0.02
15) 2-Fluorobiphenyl	13.083	172	21579	0.339	ng	-0.01
27) Fluoranthene-d10	19.238	212	23774	0.332	ng	-0.01
31) Terphenyl-d14	19.837	244	19785	0.587	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.282	88	2145	0.221	ng	# 52
34) Bis(2-ethylhexyl)phtha...	21.312	149	10637	0.455	ng	99

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

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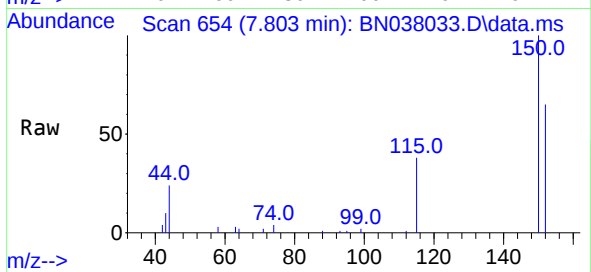
Quant Time: Oct 07 08:09:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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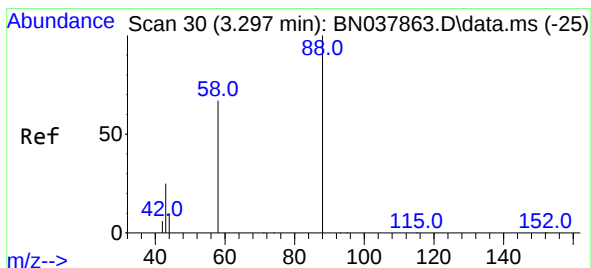
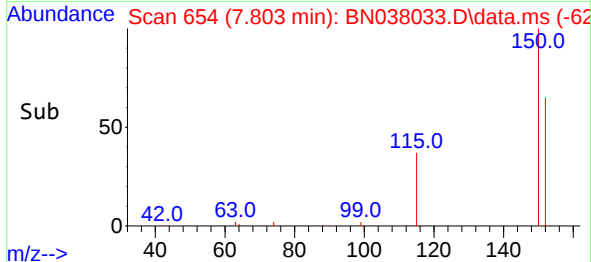
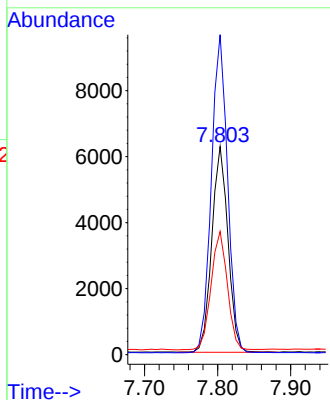


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.803 min Scan# 61
Delta R.T. -0.022 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-EB-20250923

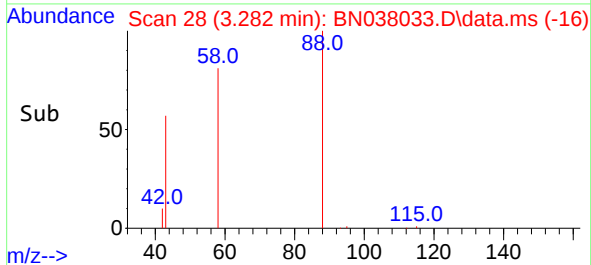
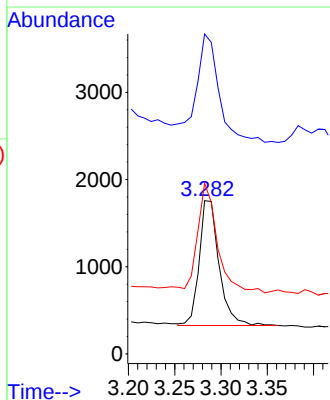
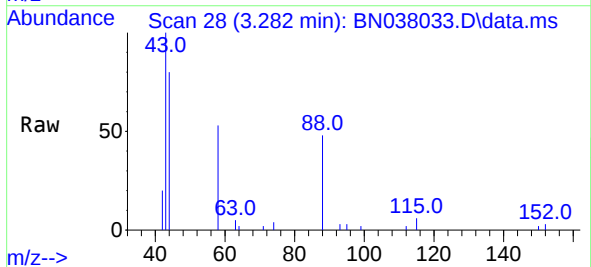


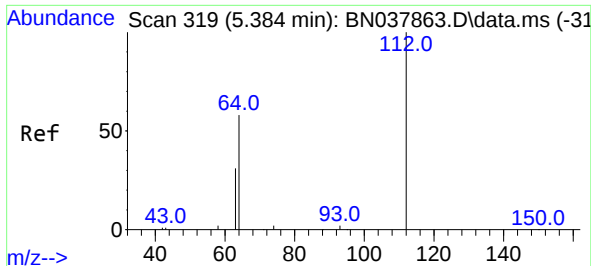
Tgt Ion:152 Resp: 9567
Ion Ratio Lower Upper
152 100
150 153.7 121.0 181.4
115 59.2 47.4 71.0



#2
1,4-Dioxane
Concen: 0.221 ng
RT: 3.282 min Scan# 28
Delta R.T. -0.015 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

Tgt Ion: 88 Resp: 2145
Ion Ratio Lower Upper
88 100
43 99.0 26.6 39.8#
58 87.8 58.9 88.3

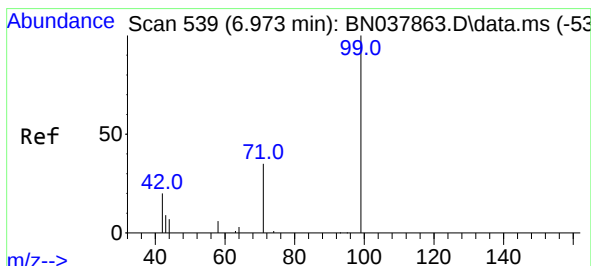
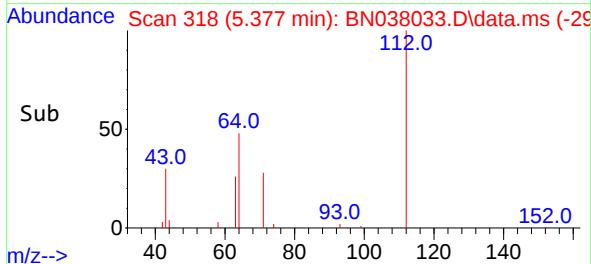
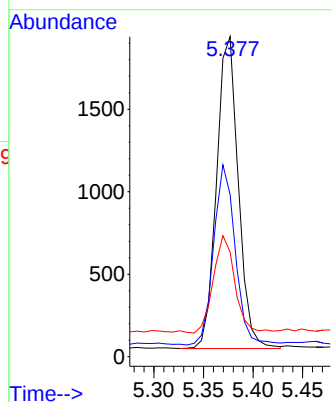
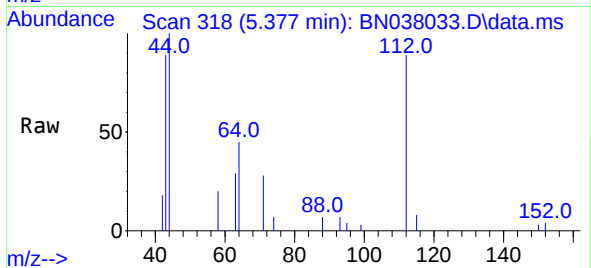




#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.377 min Scan# 319
Delta R.T. -0.008 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

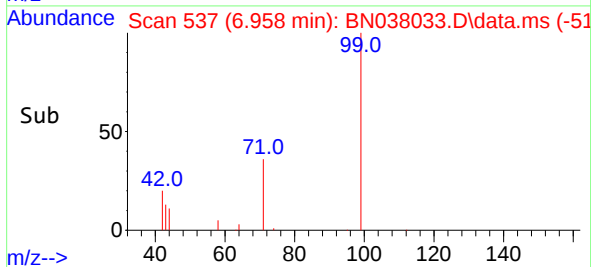
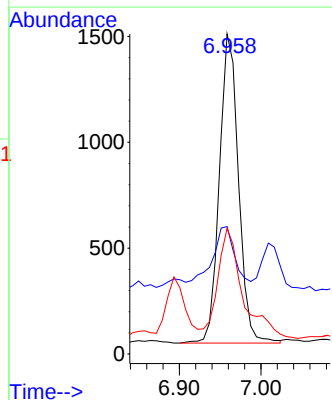
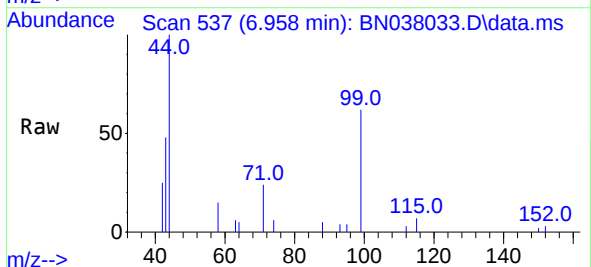
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-EB-20250923

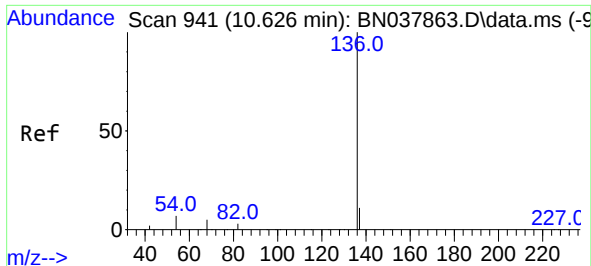
Tgt Ion:112 Resp: 2884
Ion Ratio Lower Upper
112 100
64 57.3 44.6 66.8
63 31.0 24.9 37.3



#5
Phenol-d6
Concen: 0.083 ng
RT: 6.958 min Scan# 537
Delta R.T. -0.015 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

Tgt Ion: 99 Resp: 2368
Ion Ratio Lower Upper
99 100
42 26.5 17.2 25.8#
71 47.1 27.3 40.9#

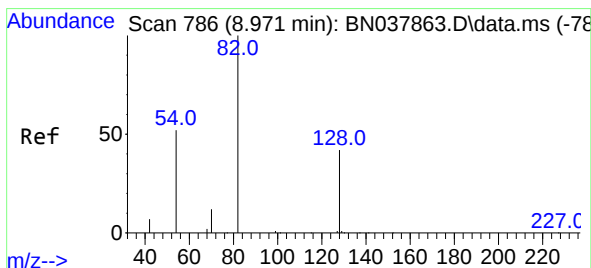
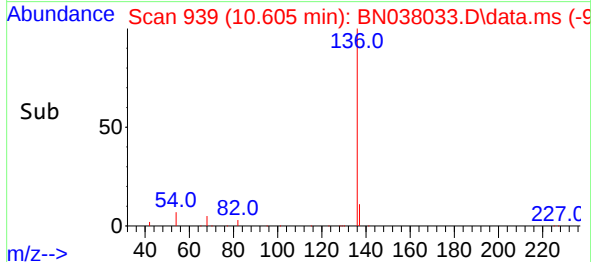
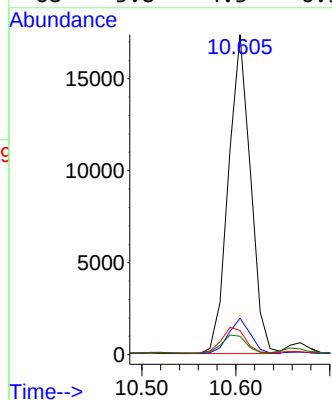
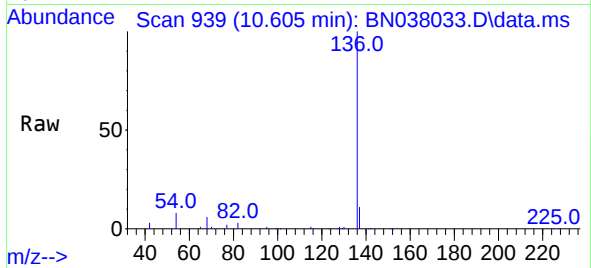




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.022 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

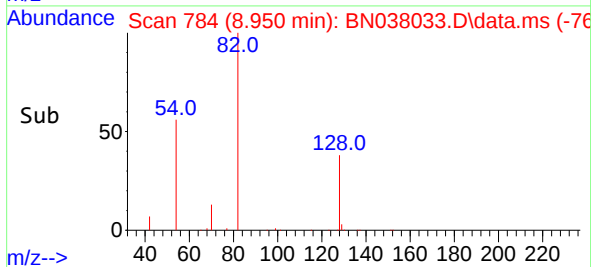
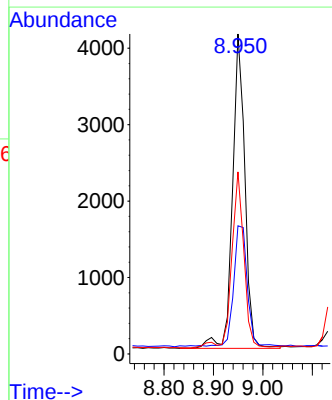
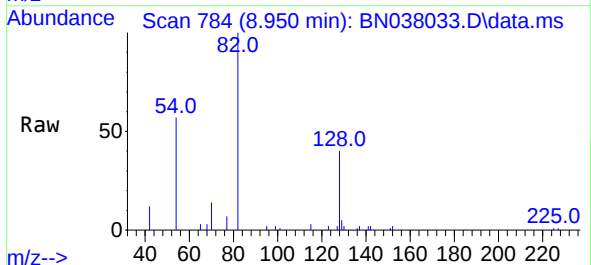
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-EB-20250923

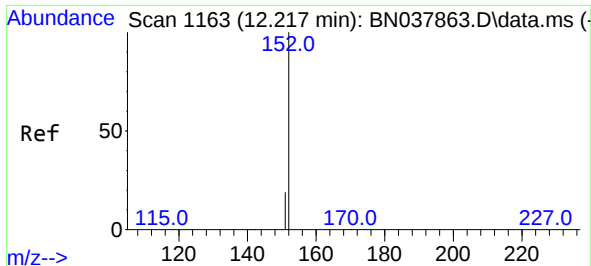
Tgt Ion:	136	Resp:	28389
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.5	5.8	8.8
68	5.8	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.329 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.022 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

Tgt Ion:	82	Resp:	7124
Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.8	52.2
54	56.9	42.2	63.2

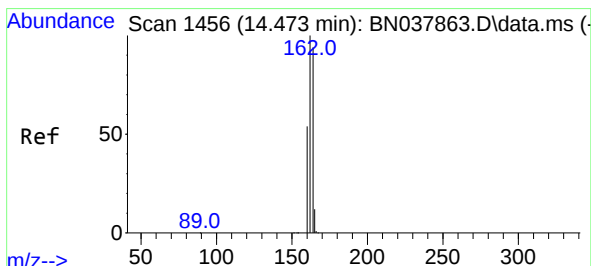
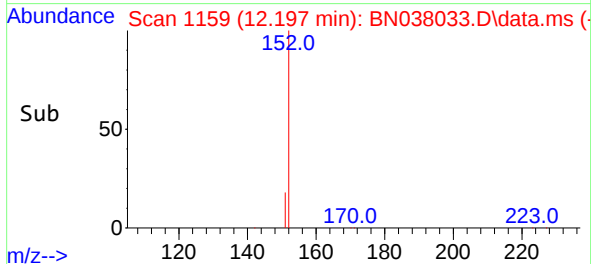
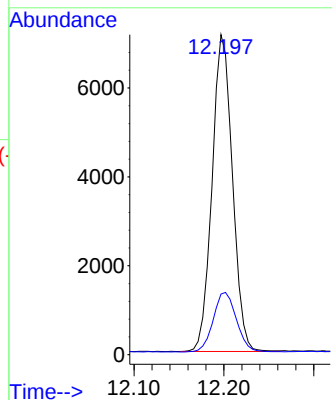
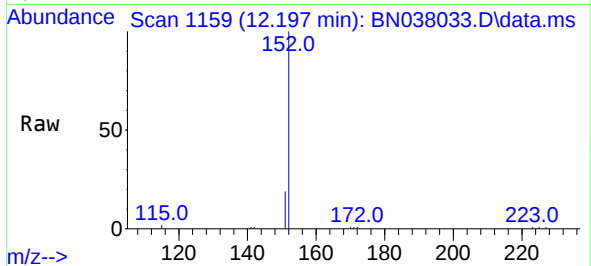




#11
2-Methylnaphthalene-d10
Concen: 0.286 ng
RT: 12.197 min Scan# 1163
Delta R.T. -0.021 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

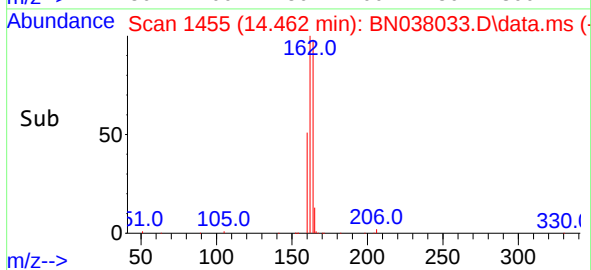
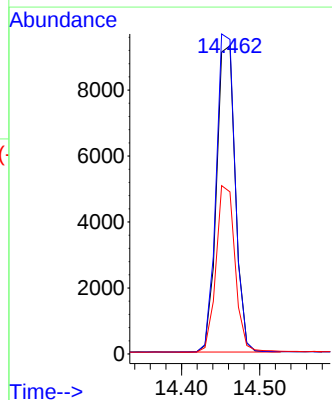
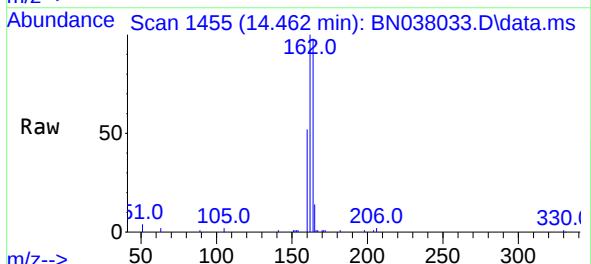
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-EB-20250923

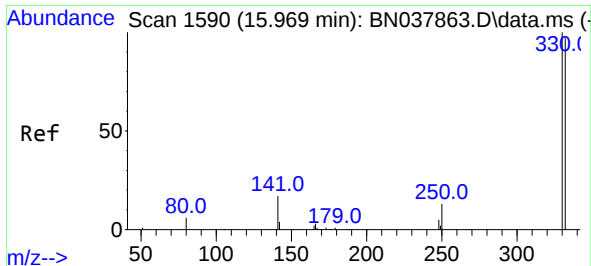
Tgt Ion:152 Resp: 11261
Ion Ratio Lower Upper
152 100
151 21.4 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

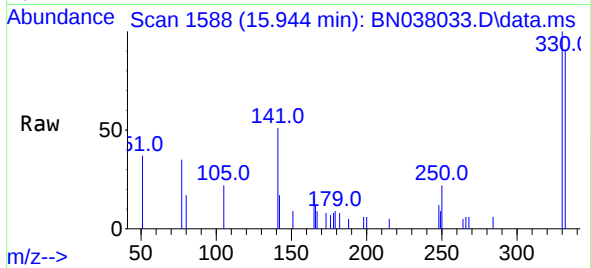
Tgt Ion:164 Resp: 15544
Ion Ratio Lower Upper
164 100
162 102.1 84.8 127.2
160 52.6 46.1 69.1



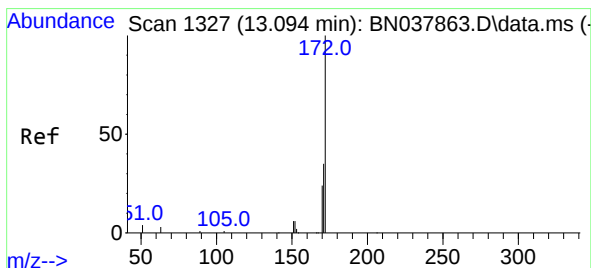
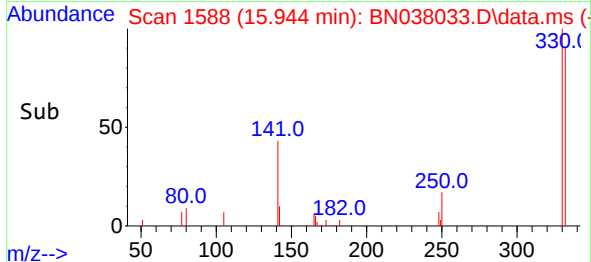
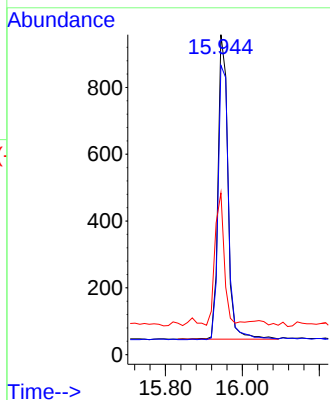


#14
2,4,6-Tribromophenol
Concen: 0.276 ng
RT: 15.944 min Scan# 1588
Delta R.T. -0.025 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-EB-20250923

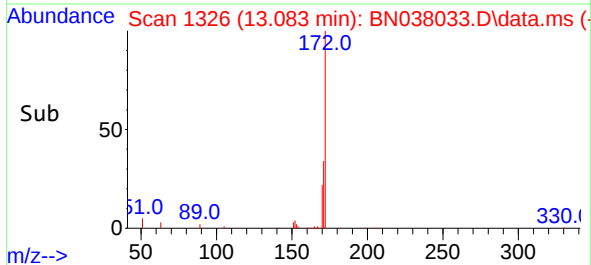
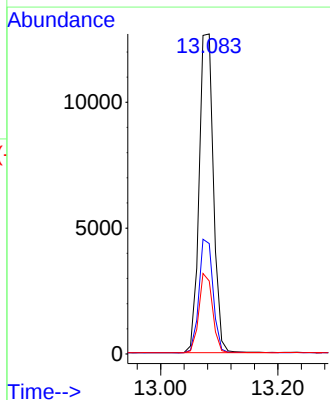
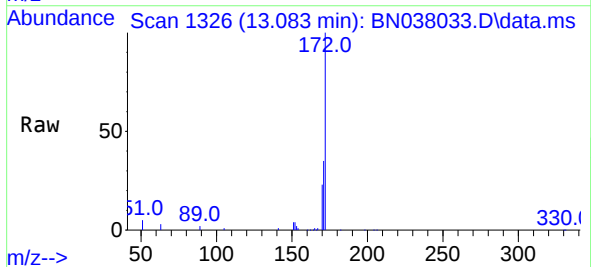


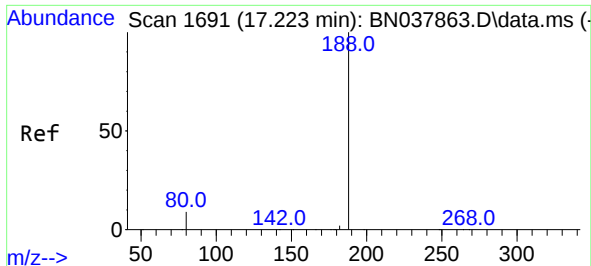
Tgt Ion:330 Resp: 1625
Ion Ratio Lower Upper
330 100
332 95.4 77.2 115.8
141 41.8 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

Tgt Ion:172 Resp: 21579
Ion Ratio Lower Upper
172 100
171 34.5 28.6 43.0
170 22.8 19.7 29.5

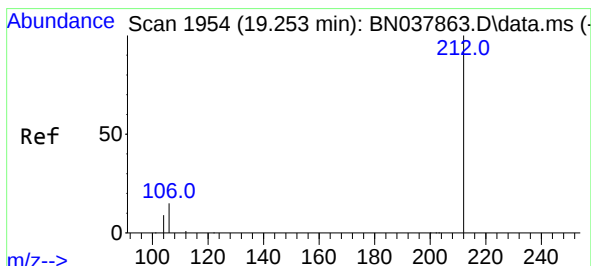
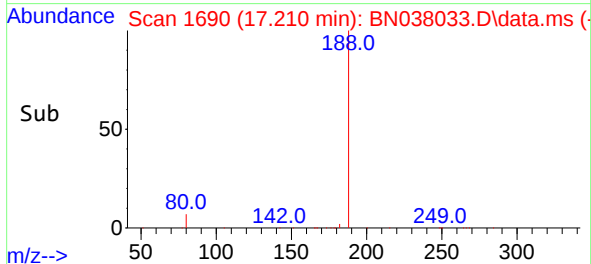
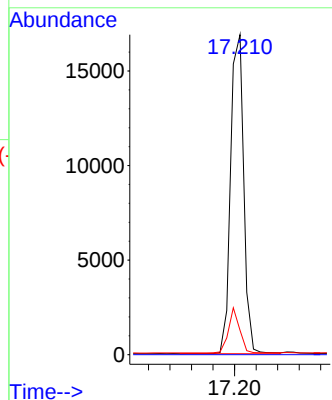
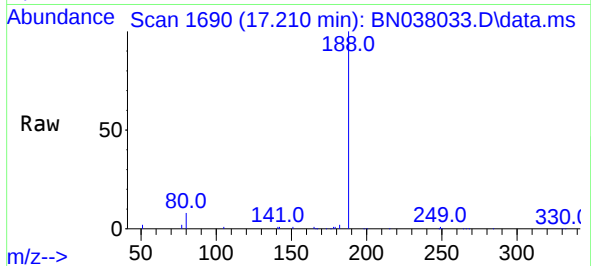




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.210 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

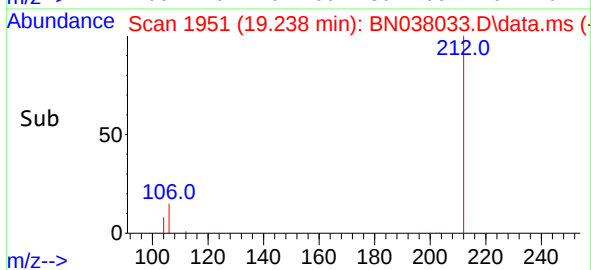
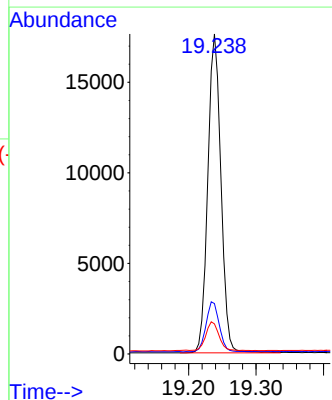
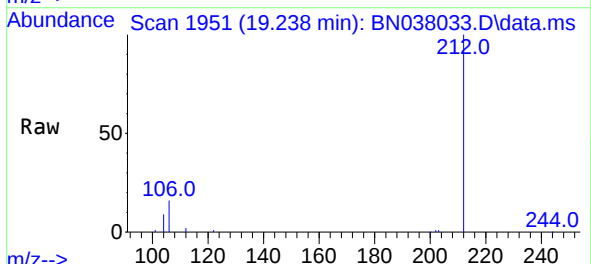
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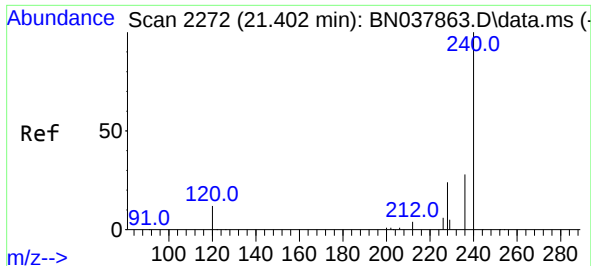
Tgt Ion:188 Resp: 28505
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 7.6 11.4#



#27
Fluoranthene-d10
Concen: 0.332 ng
RT: 19.238 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

Tgt Ion:212 Resp: 23774
Ion Ratio Lower Upper
212 100
106 15.8 12.6 19.0
104 9.1 7.4 11.0

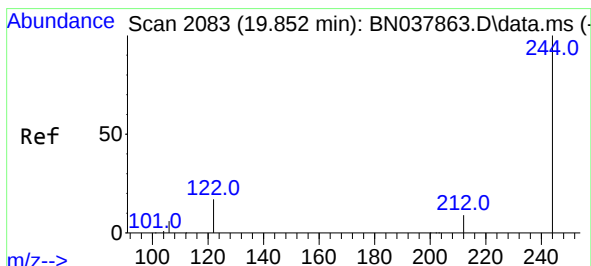
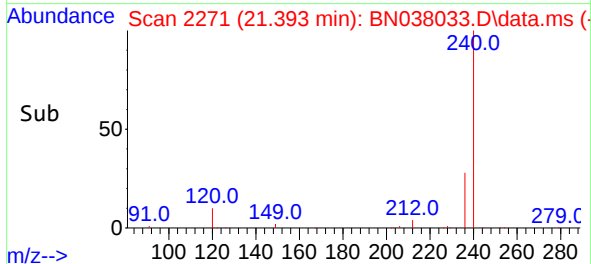
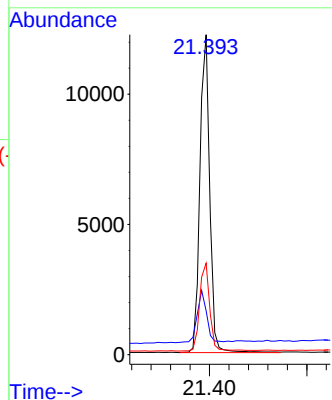
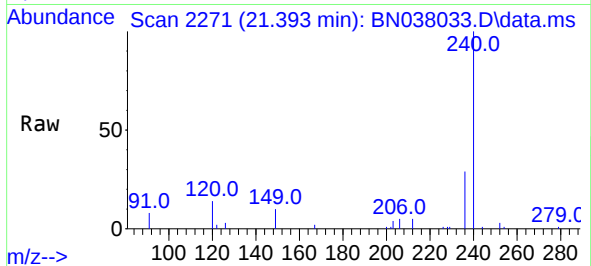




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

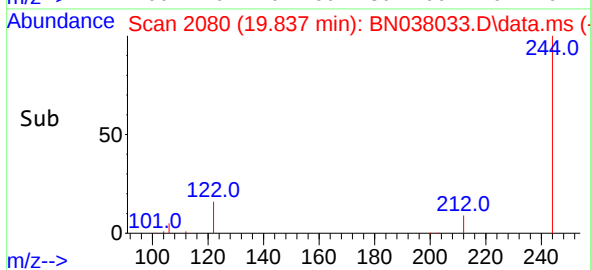
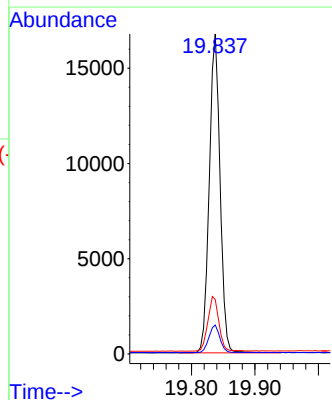
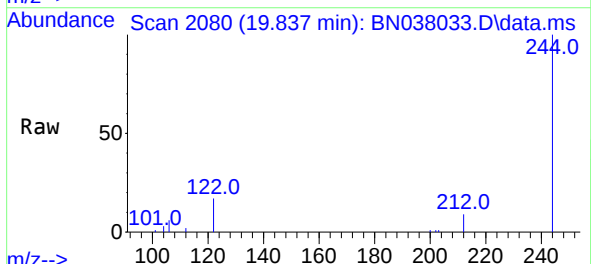
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-EB-20250923

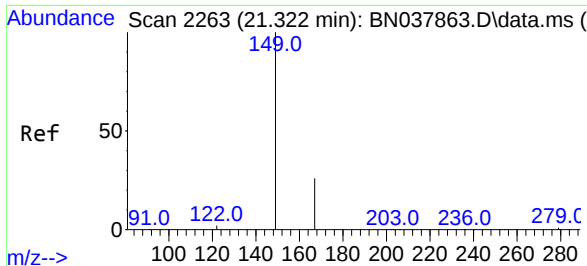
Tgt Ion:	240	Resp:	16926
Ion Ratio	Lower	Upper	
240	100		
120	13.7	11.4	17.2
236	28.6	23.0	34.6



#31
Terphenyl-d14
Concen: 0.587 ng
RT: 19.837 min Scan# 2080
Delta R.T. -0.014 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

Tgt Ion:	244	Resp:	19785
Ion Ratio	Lower	Upper	
244	100		
212	9.0	7.6	11.4
122	17.0	13.9	20.9

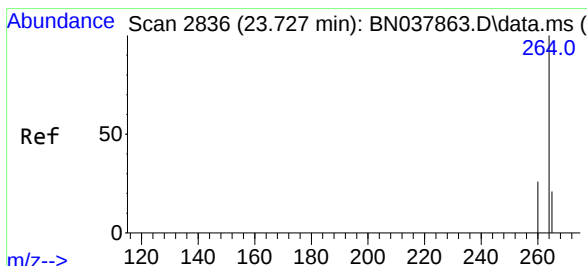
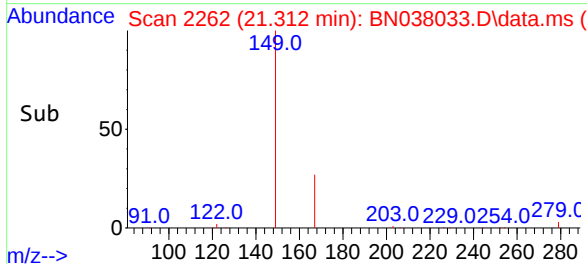
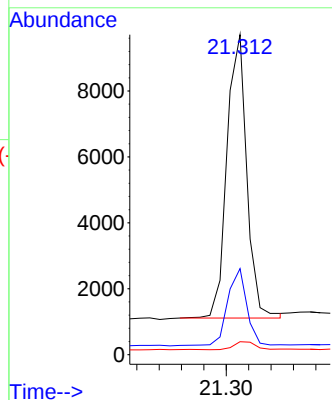
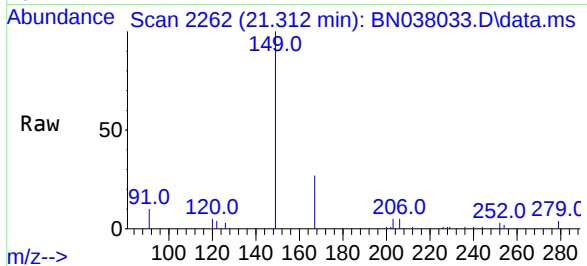




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.455 ng
 RT: 21.312 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN038033.D
 Acq: 07 Oct 2025 06:10

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-EB-20250923

Tgt Ion:149 Resp: 10637
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.4 30.6
 279 3.3 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: BN038033.D
 Acq: 07 Oct 2025 06:10

Tgt Ion:264 Resp: 14124
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.5 32.3
 265 87.9 53.8 80.6#

