

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
 Data File : BN038031.D
 Acq On : 07 Oct 2025 04:58
 Operator : RC/JU
 Sample : Q3213-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Oct 07 05:59:53 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)

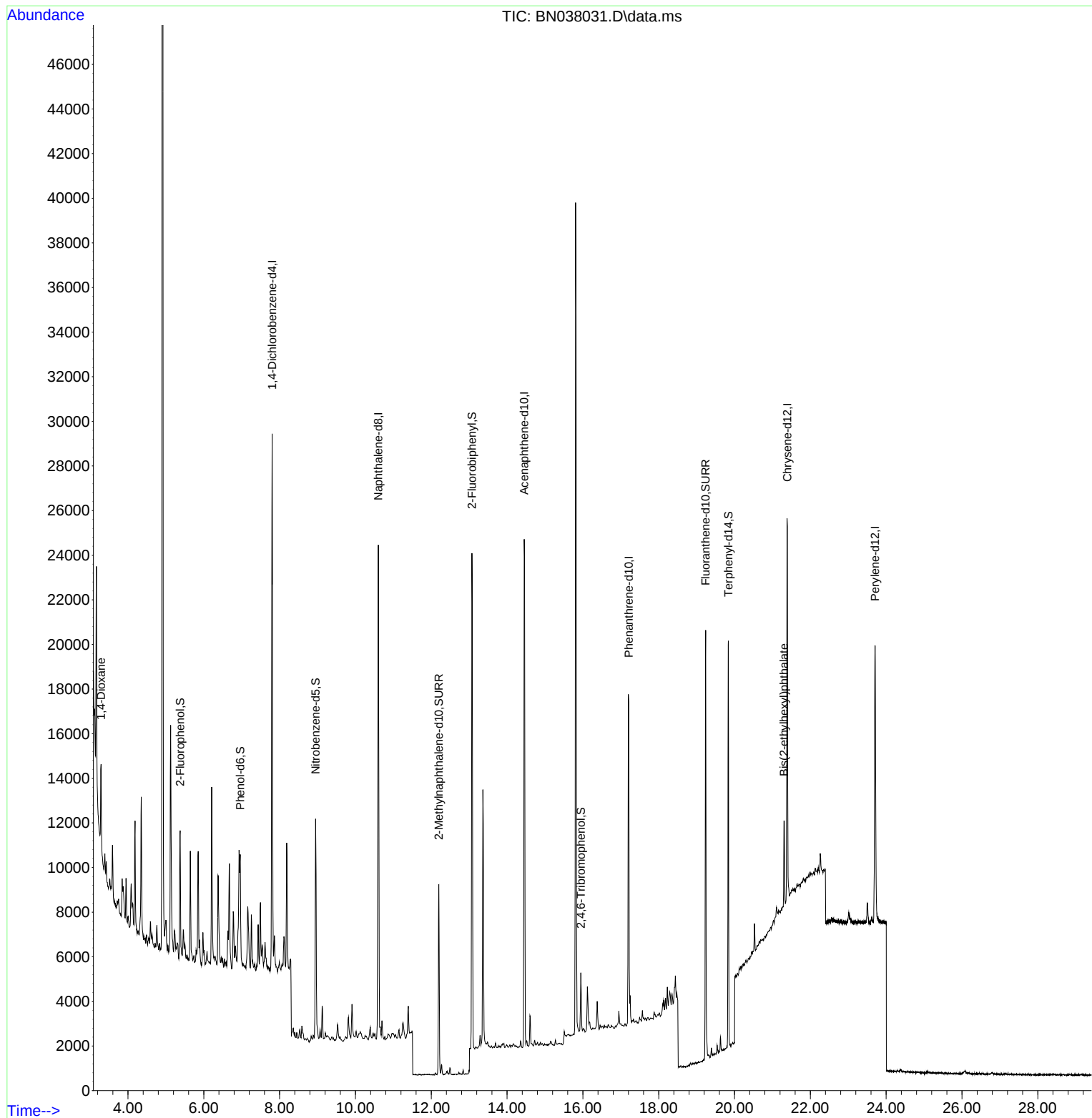
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	10013	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	28507	0.400	ng	-0.02
13) Acenaphthene-d10	14.452	164	13798	0.400	ng	-0.02
19) Phenanthrene-d10	17.211	188	22690	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	16816	0.400	ng	0.00
35) Perylene-d12	23.706	264	17577	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	4306	0.188	ng	0.00
5) Phenol-d6	6.959	99	3872	0.129	ng	-0.01
8) Nitrobenzene-d5	8.950	82	7607	0.350	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	11536	0.291	ng	-0.02
14) 2,4,6-Tribromophenol	15.945	330	1495	0.286	ng	-0.02
15) 2-Fluorobiphenyl	13.073	172	19350	0.343	ng	-0.02
27) Fluoranthene-d10	19.239	212	20428	0.358	ng	-0.01
31) Terphenyl-d14	19.838	244	16981	0.507	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	2457	0.242	ng	# 53
34) Bis(2-ethylhexyl)phtha...	21.304	149	4177	0.180	ng	# 99

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

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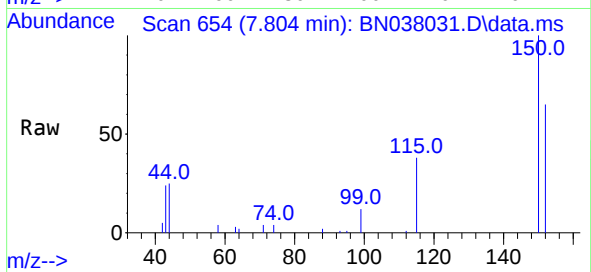
Quant Time: Oct 07 05:59:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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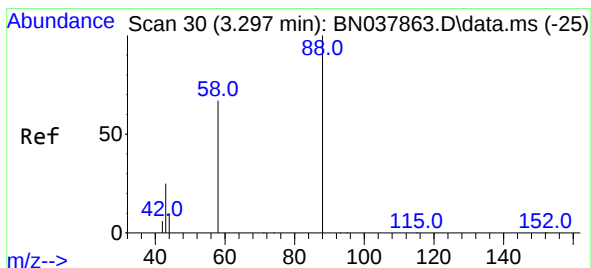
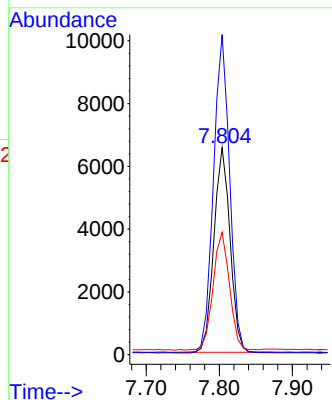
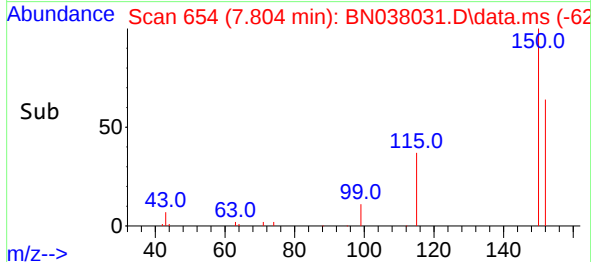


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.804 min Scan# 61
 Delta R.T. -0.021 min
 Lab File: BN038031.D
 Acq: 07 Oct 2025 04:58

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

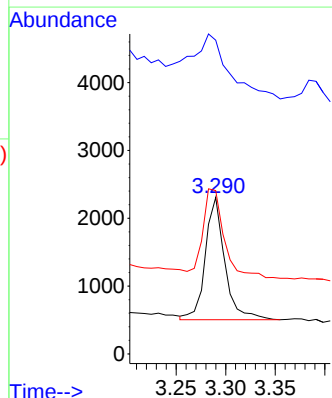
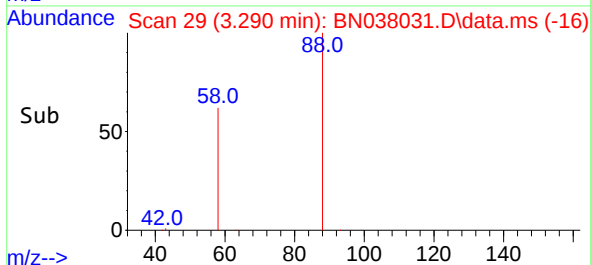
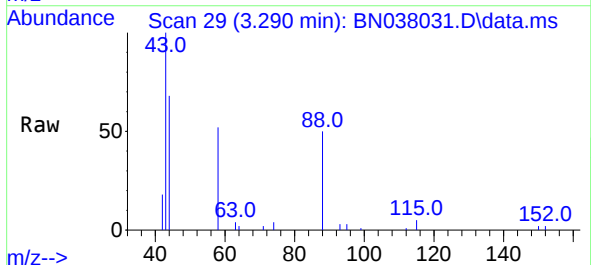


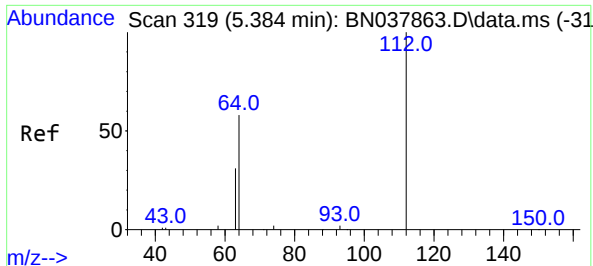
Tgt Ion:152 Resp: 10013
 Ion Ratio Lower Upper
 152 100
 150 154.6 121.0 181.4
 115 59.1 47.4 71.0



#2
 1,4-Dioxane
 Concen: 0.242 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN038031.D
 Acq: 07 Oct 2025 04:58

Tgt Ion: 88 Resp: 2457
 Ion Ratio Lower Upper
 88 100
 43 108.8 26.6 39.8#
 58 80.7 58.9 88.3

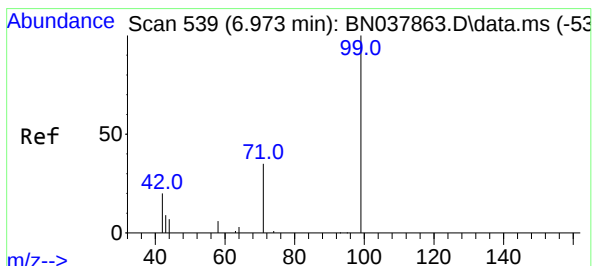
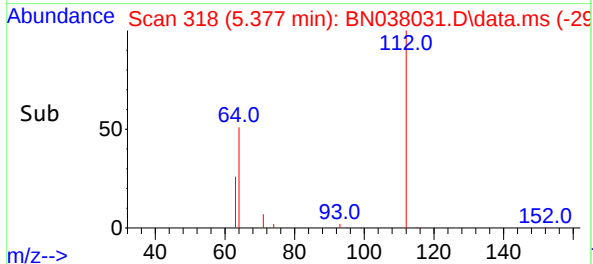
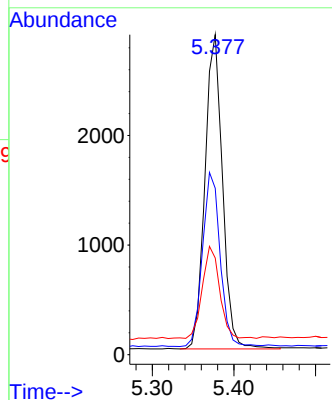
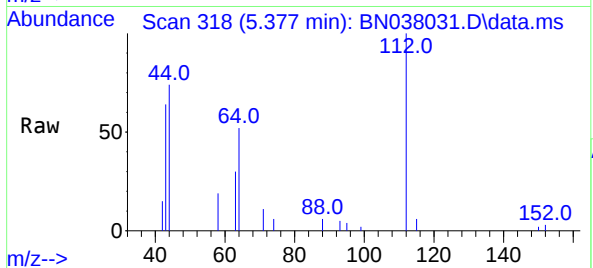




#4
2-Fluorophenol
Concen: 0.188 ng
RT: 5.377 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

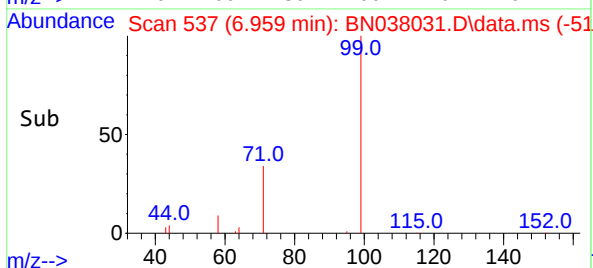
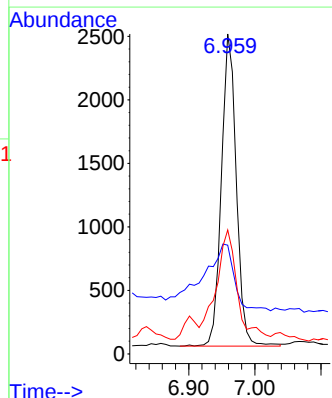
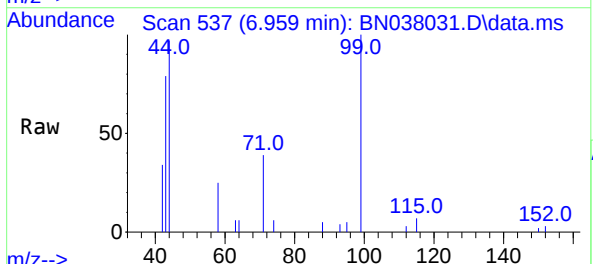
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-DUP-20250923

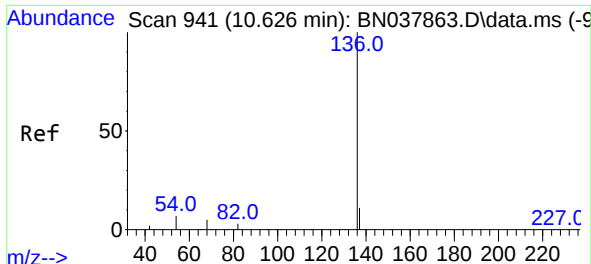
Tgt Ion:112 Resp: 4306
Ion Ratio Lower Upper
112 100
64 55.6 44.6 66.8
63 28.6 24.9 37.3



#5
Phenol-d6
Concen: 0.129 ng
RT: 6.959 min Scan# 537
Delta R.T. -0.014 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

Tgt Ion: 99 Resp: 3872
Ion Ratio Lower Upper
99 100
42 45.0 17.2 25.8#
71 49.6 27.3 40.9#

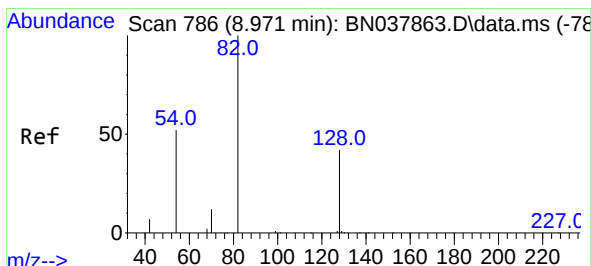
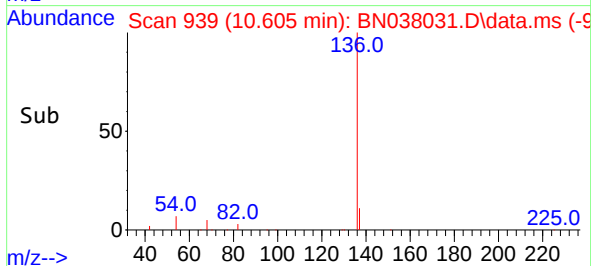
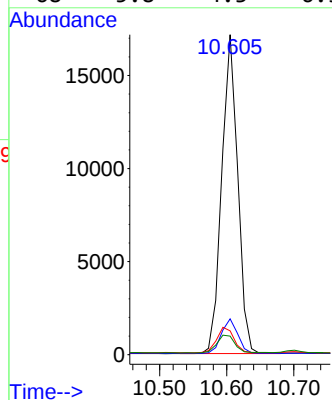
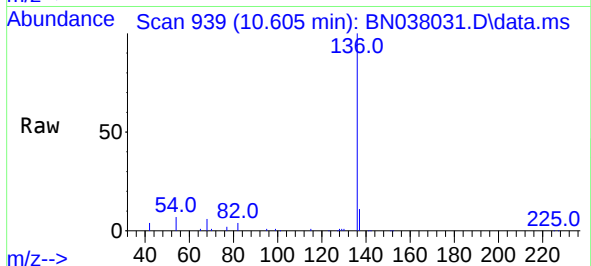




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

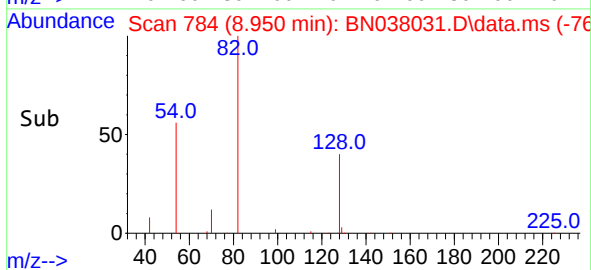
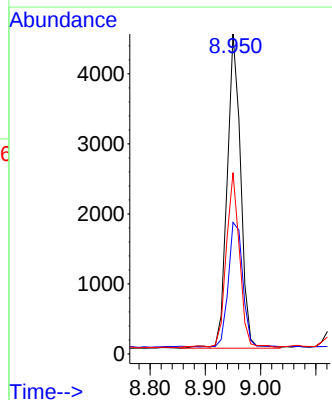
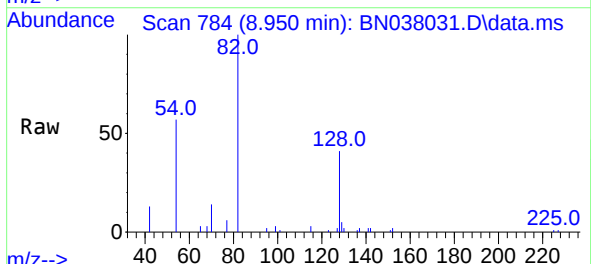
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-DUP-20250923

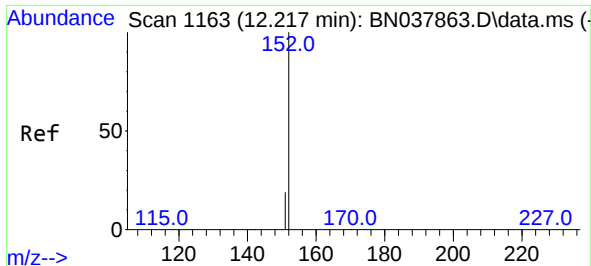
Tgt Ion:	136	Resp:	28507
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.5	5.8	8.8
68	5.8	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

Tgt Ion:	82	Resp:	7607
Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.8	52.2
54	56.6	42.2	63.2

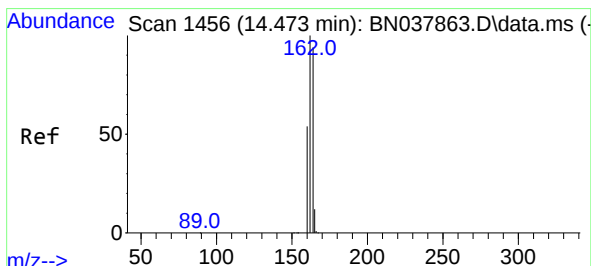
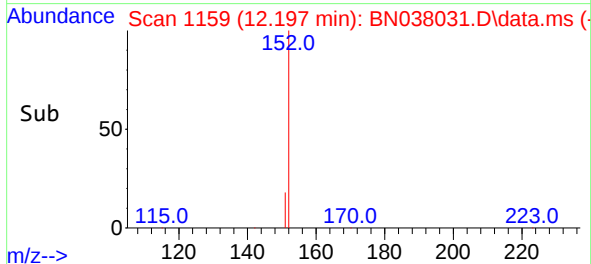
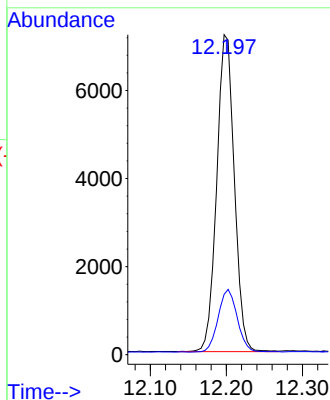
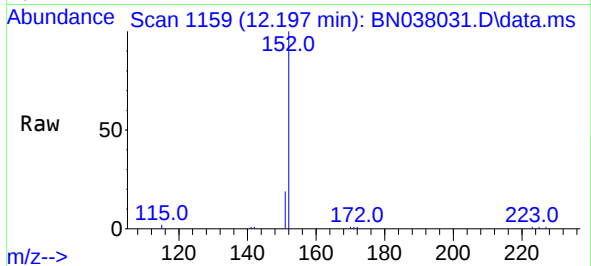




#11
2-Methylnaphthalene-d10
Concen: 0.291 ng
RT: 12.197 min Scan# 1163
Delta R.T. -0.020 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

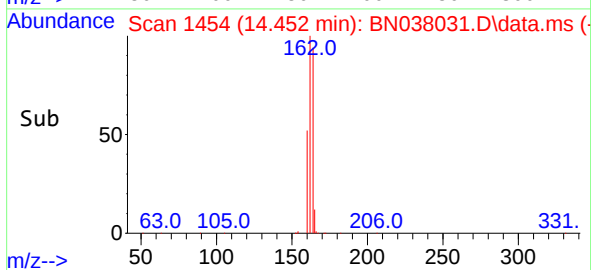
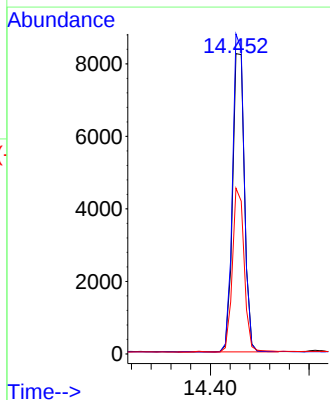
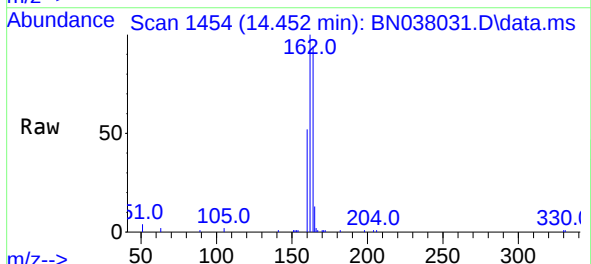
Instrument :
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ClientSampleId :
BP-VPB-184-DUP-20250923

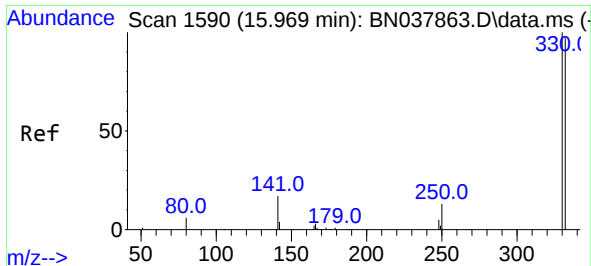
Tgt Ion:152 Resp: 11536
Ion Ratio Lower Upper
152 100
151 21.5 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.452 min Scan# 1454
Delta R.T. -0.021 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

Tgt Ion:164 Resp: 13798
Ion Ratio Lower Upper
164 100
162 106.6 84.8 127.2
160 55.2 46.1 69.1

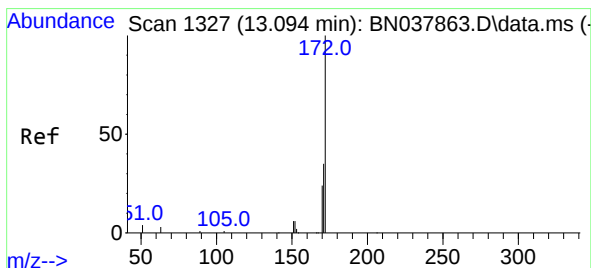
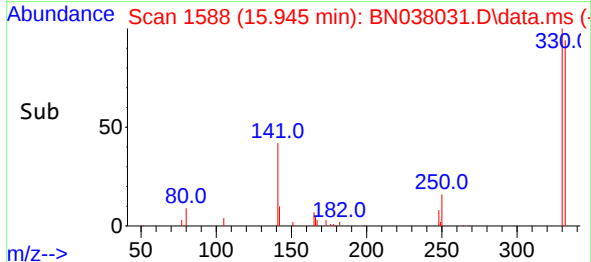
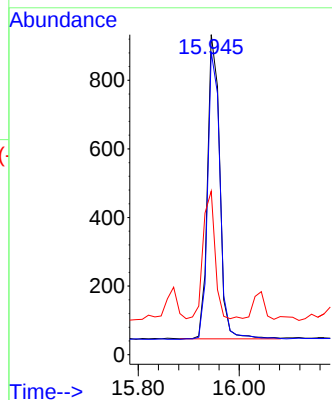
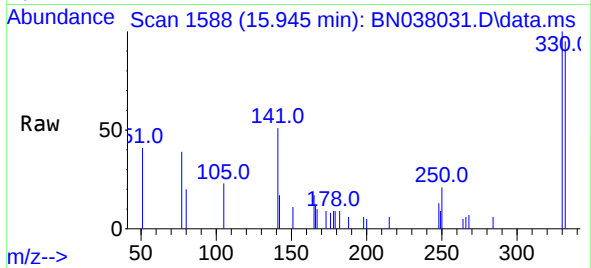




#14
2,4,6-Tribromophenol
Concen: 0.286 ng
RT: 15.945 min Scan# 11
Delta R.T. -0.024 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

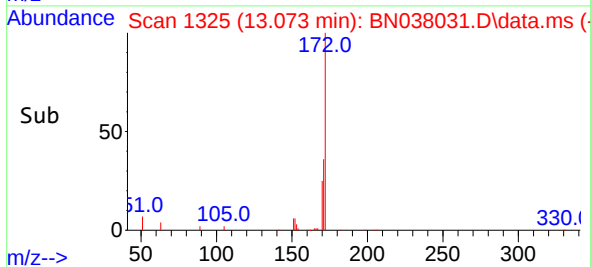
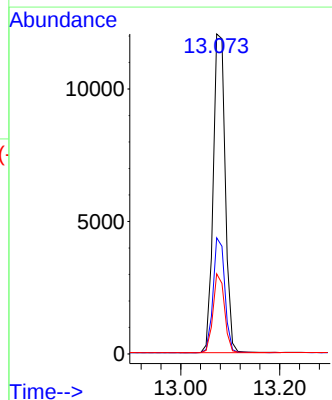
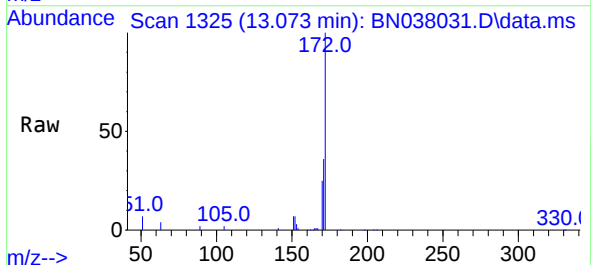
Instrument :
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ClientSampleId :
BP-VPB-184-DUP-20250923

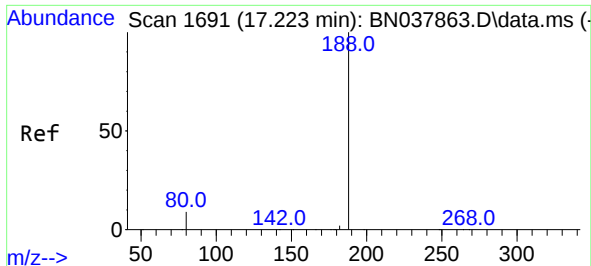
Tgt Ion:330 Resp: 1495
Ion Ratio Lower Upper
330 100
332 96.2 77.2 115.8
141 40.7 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 13.073 min Scan# 1325
Delta R.T. -0.021 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

Tgt Ion:172 Resp: 19350
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 25.1 19.7 29.5

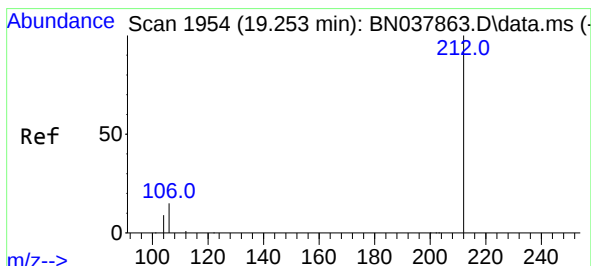
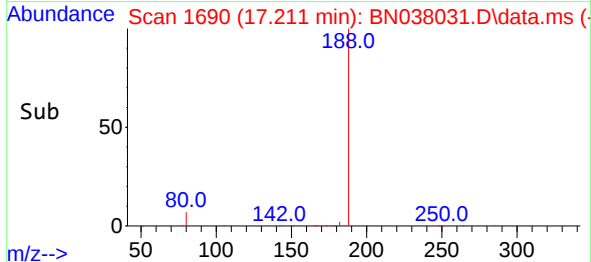
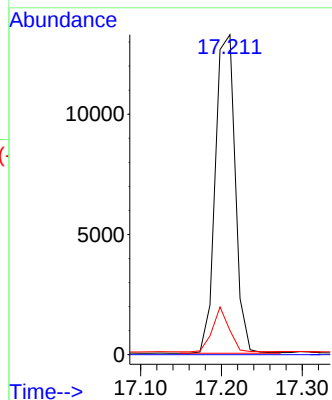
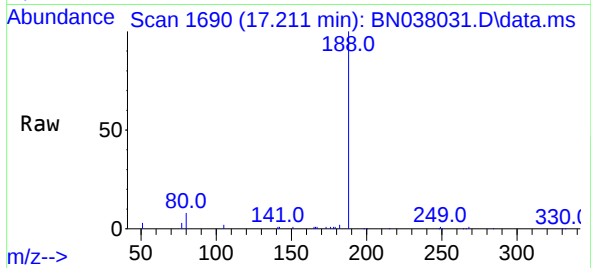




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

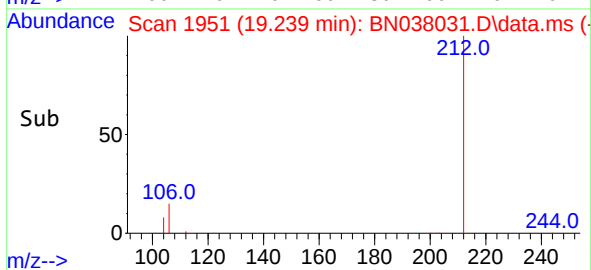
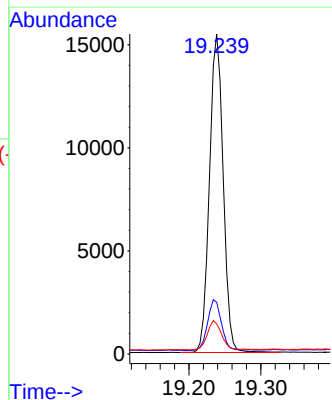
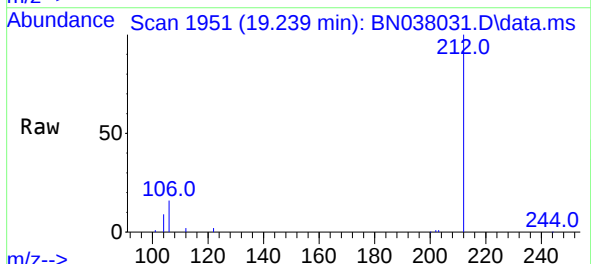
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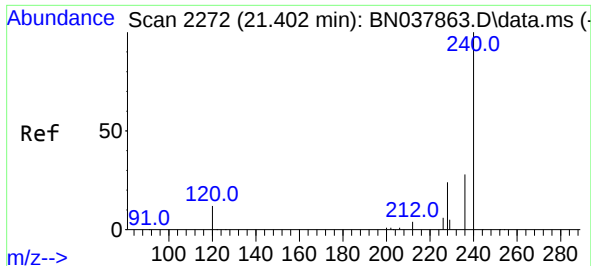
Tgt Ion:188 Resp: 22690
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 7.6 11.4#



#27
Fluoranthene-d10
Concen: 0.358 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

Tgt Ion:212 Resp: 20428
Ion Ratio Lower Upper
212 100
106 16.1 12.6 19.0
104 9.7 7.4 11.0

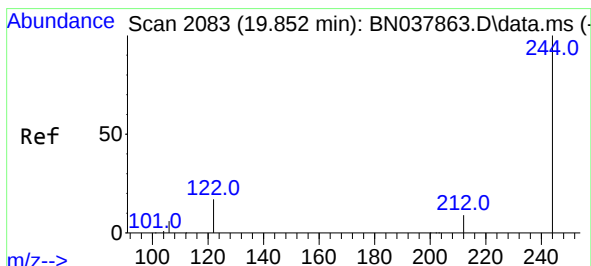
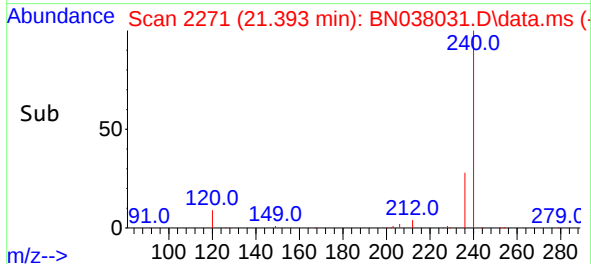
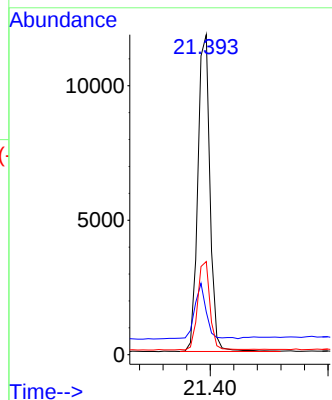
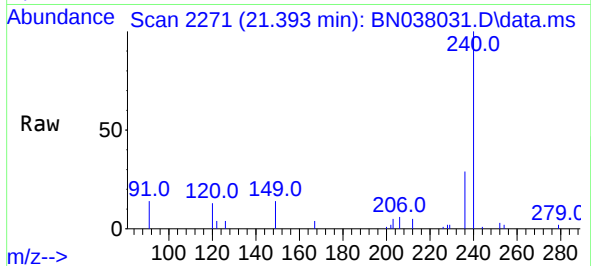




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

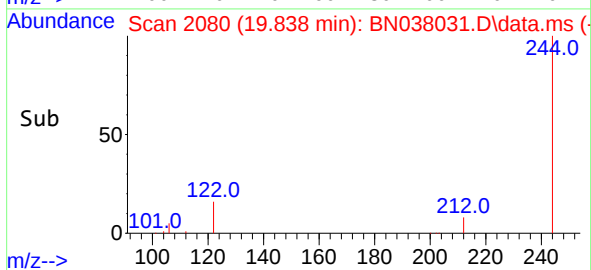
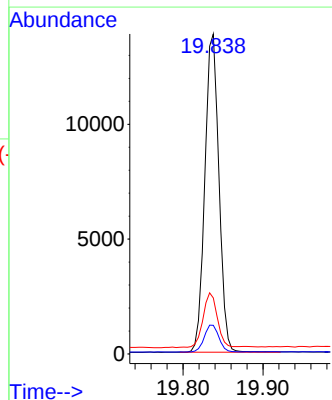
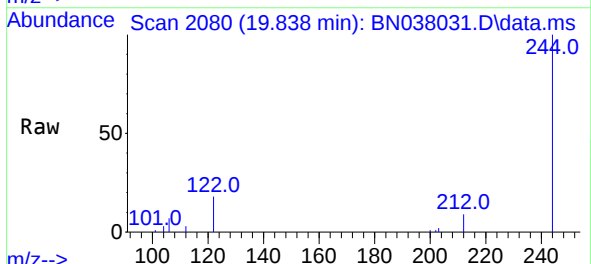
Instrument :
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BP-VPB-184-DUP-20250923

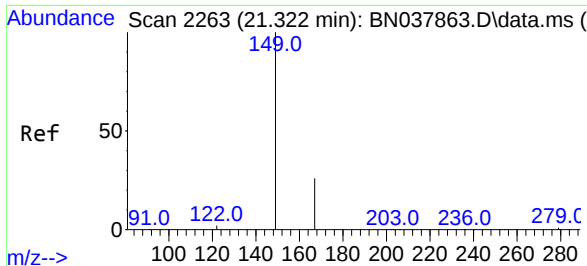
Tgt Ion:240 Resp: 16816
Ion Ratio Lower Upper
240 100
120 13.3 11.4 17.2
236 29.1 23.0 34.6



#31
Terphenyl-d14
Concen: 0.507 ng
RT: 19.838 min Scan# 2080
Delta R.T. -0.014 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

Tgt Ion:244 Resp: 16981
Ion Ratio Lower Upper
244 100
212 9.0 7.6 11.4
122 17.5 13.9 20.9

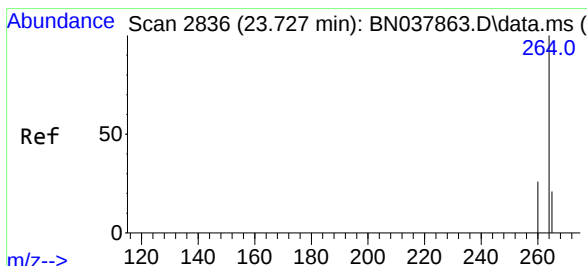
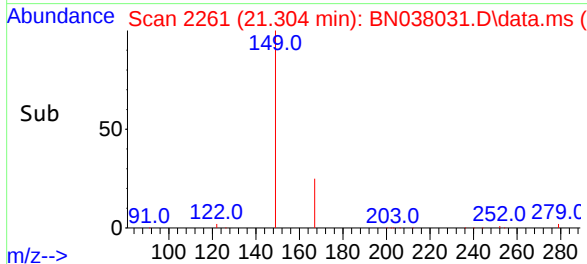
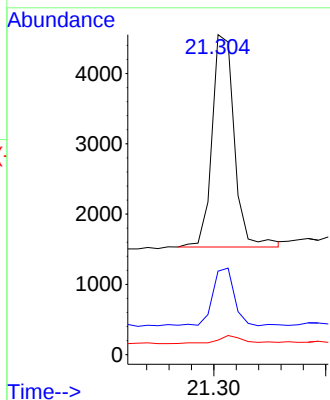
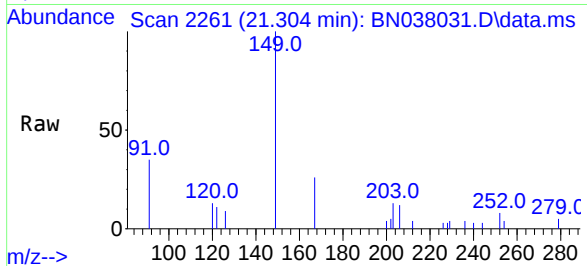




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.180 ng
RT: 21.304 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

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

Tgt Ion:149 Resp: 4177
Ion Ratio Lower Upper
149 100
167 25.7 20.4 30.6
279 4.8 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.706 min Scan# 2829
Delta R.T. -0.020 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

Tgt Ion:264 Resp: 17577
Ion Ratio Lower Upper
264 100
260 26.6 21.5 32.3
265 74.5 53.8 80.6

