

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100725\
 Data File : BN038050.D
 Acq On : 07 Oct 2025 17:31
 Operator : RC/JU
 Sample : Q3236-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP302-20250926

Quant Time: Oct 07 17:59:37 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)

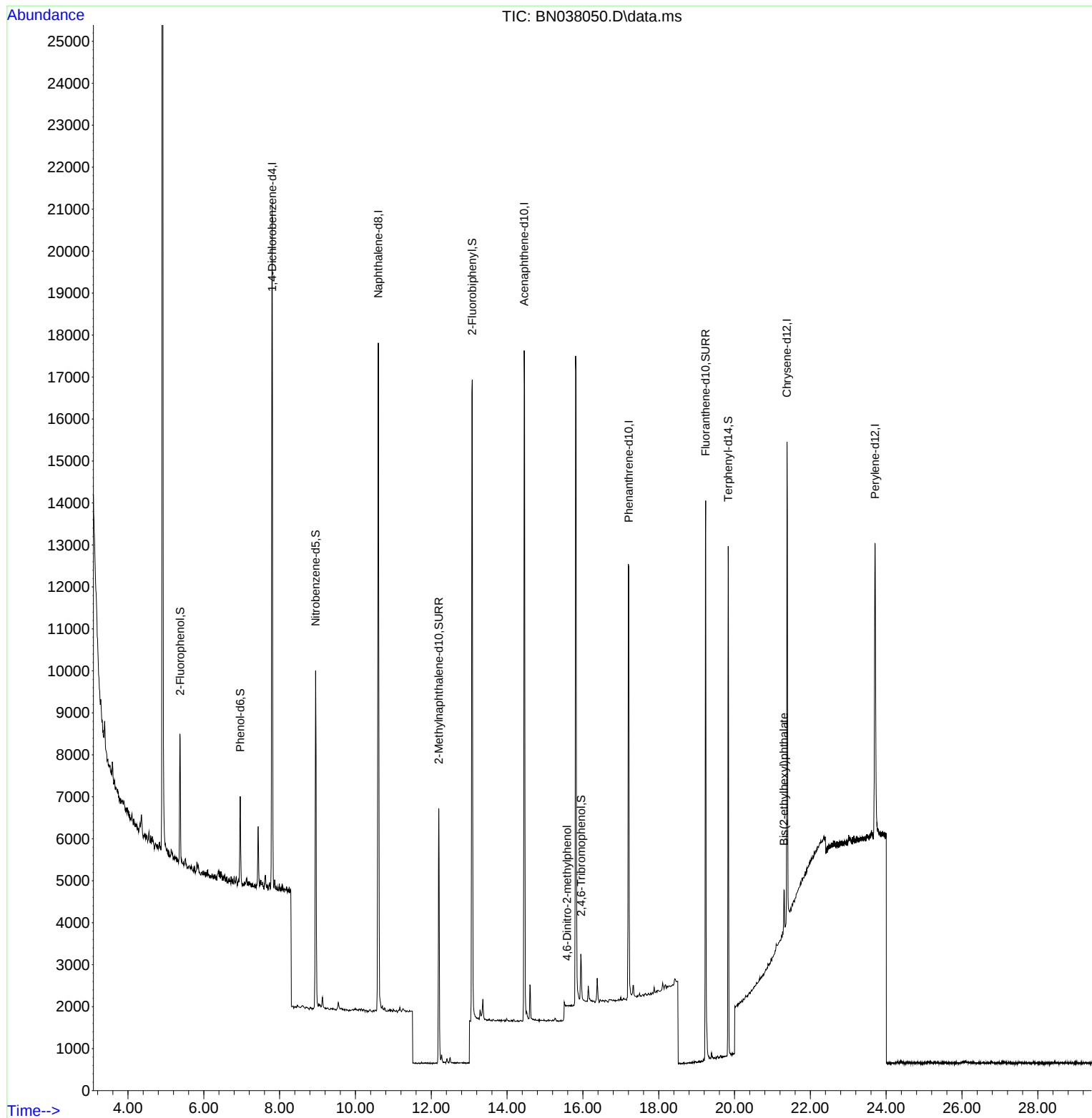
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	7837	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	21219	0.400	ng	-0.02
13) Acenaphthene-d10	14.452	164	9710	0.400	ng	-0.02
19) Phenanthrene-d10	17.210	188	16269	0.400	ng	#-0.01
29) Chrysene-d12	21.384	240	10563	0.400	ng	#-0.02
35) Perylene-d12	23.706	264	10046	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	2387	0.133	ng	0.00
5) Phenol-d6	6.959	99	1803	0.077	ng	-0.01
8) Nitrobenzene-d5	8.950	82	6333	0.391	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	8583	0.291	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	745	0.202	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	15198	0.382	ng	-0.01
27) Fluoranthene-d10	19.238	212	14278	0.349	ng	-0.01
31) Terphenyl-d14	19.833	244	11319	0.538	ng	-0.02
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.584	198	6	0.070	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.304	149	1222	0.084	ng	# 98

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

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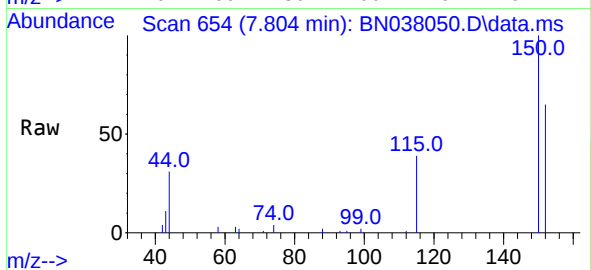
Quant Time: Oct 07 17:59:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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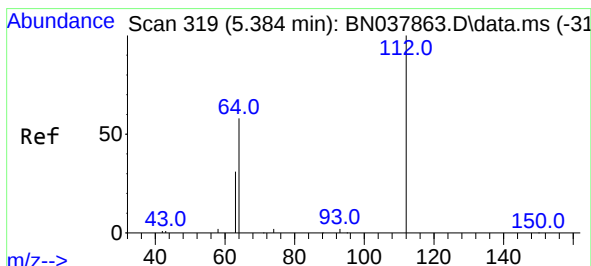
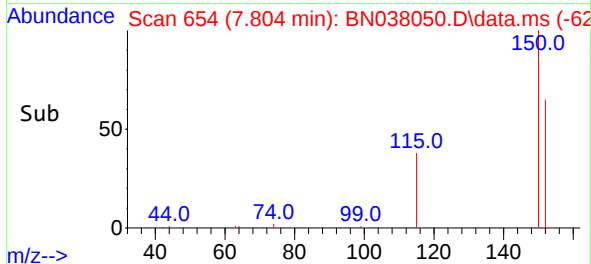
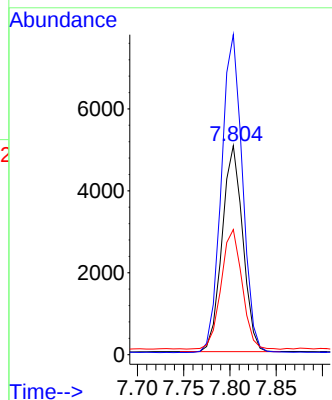


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN038050.D
Acq: 07 Oct 2025 17:31

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250926

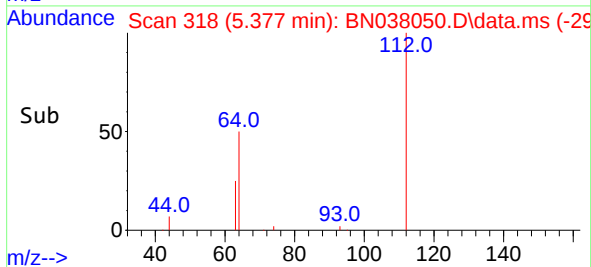
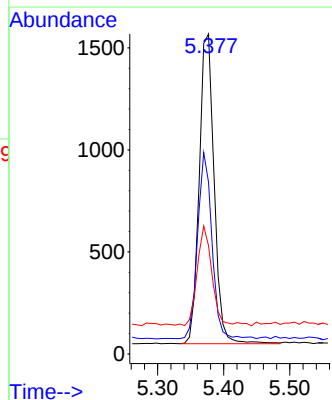
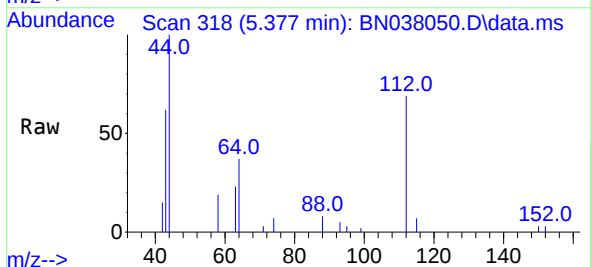


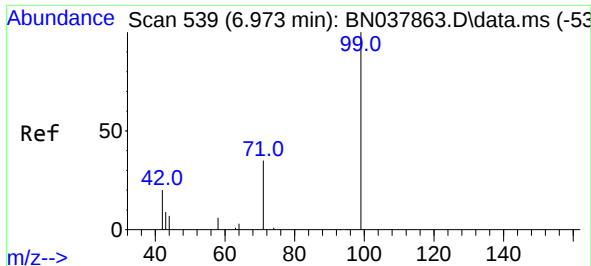
Tgt Ion:152 Resp: 7837
Ion Ratio Lower Upper
152 100
150 153.1 121.0 181.4
115 59.9 47.4 71.0



#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.377 min Scan# 318
Delta R.T. -0.007 min
Lab File: BN038050.D
Acq: 07 Oct 2025 17:31

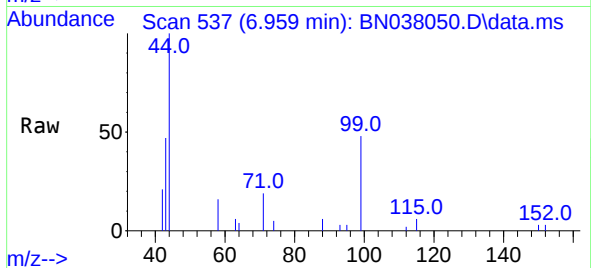
Tgt Ion:112 Resp: 2387
Ion Ratio Lower Upper
112 100
64 57.6 44.6 66.8
63 30.9 24.9 37.3



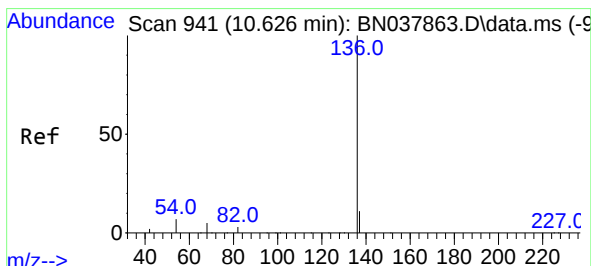
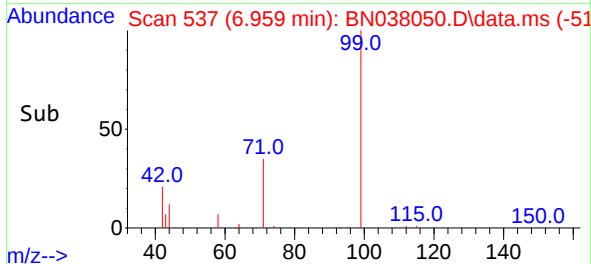
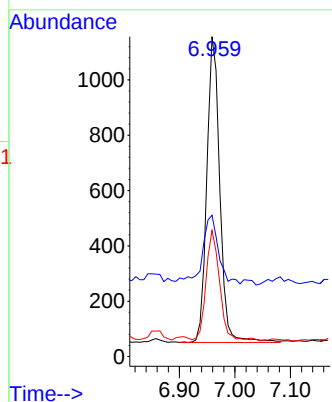


#5
Phenol-d6
Concen: 0.077 ng
RT: 6.959 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN038050.D
Acq: 07 Oct 2025 17:31

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250926

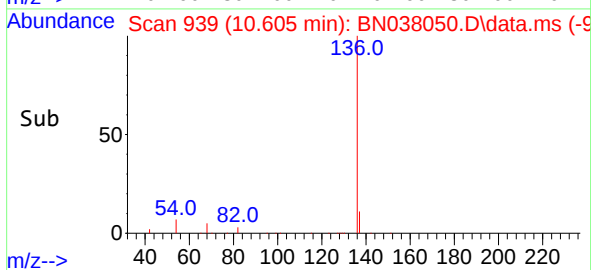
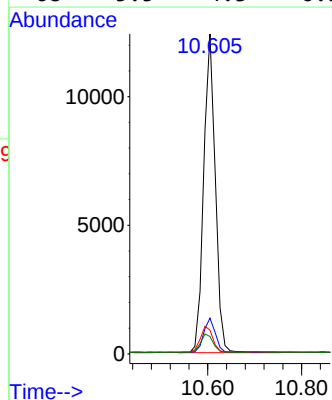
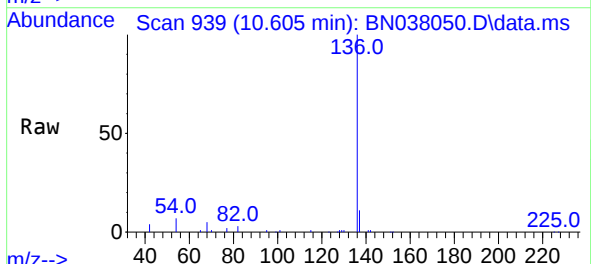


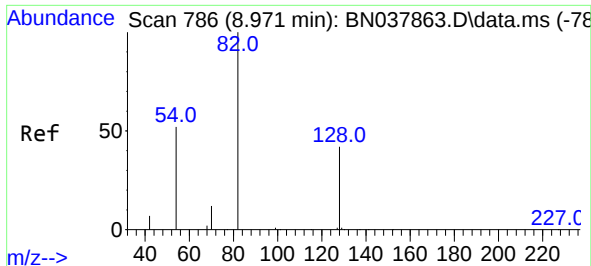
Tgt Ion: 99 Resp: 1803
Ion Ratio Lower Upper
99 100
42 27.3 17.2 25.8#
71 36.7 27.3 40.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 939
Delta R.T. -0.022 min
Lab File: BN038050.D
Acq: 07 Oct 2025 17:31

Tgt Ion: 136 Resp: 21219
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.4 5.8 8.8
68 5.5 4.3 6.5

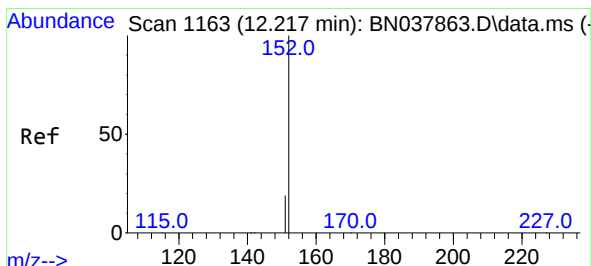
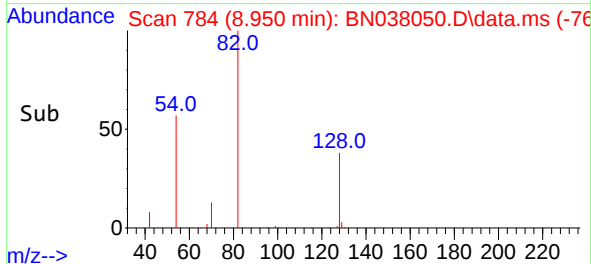
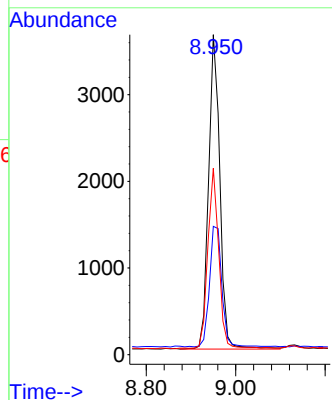
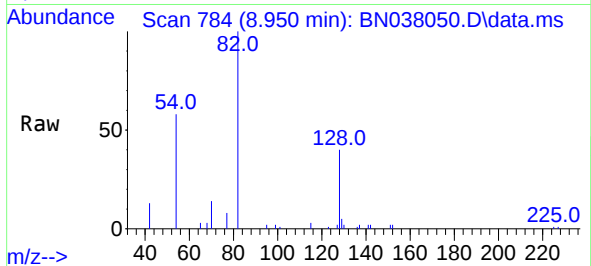




#8
Nitrobenzene-d5
Concen: 0.391 ng
RT: 8.950 min Scan# 71
Delta R.T. -0.022 min
Lab File: BN038050.D
Acq: 07 Oct 2025 17:31

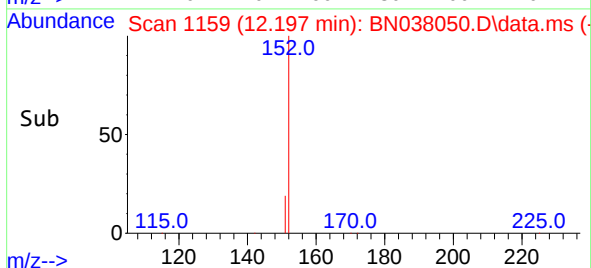
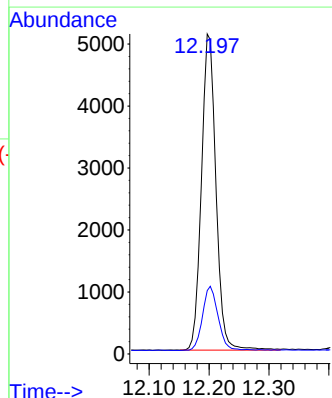
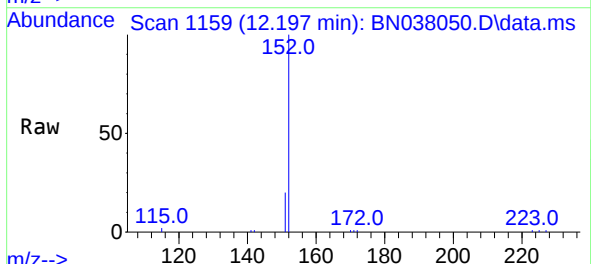
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250926

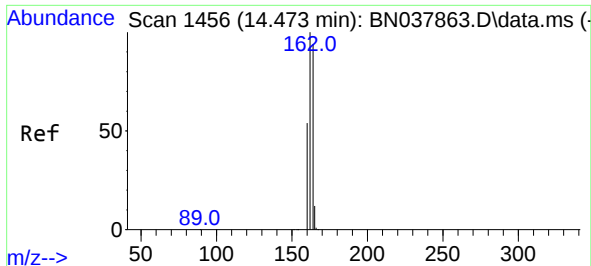
Tgt Ion: 82 Resp: 6333
Ion Ratio Lower Upper
82 100
128 40.1 34.8 52.2
54 58.2 42.2 63.2



#11
2-Methylnaphthalene-d10
Concen: 0.291 ng
RT: 12.197 min Scan# 1159
Delta R.T. -0.020 min
Lab File: BN038050.D
Acq: 07 Oct 2025 17:31

Tgt Ion: 152 Resp: 8583
Ion Ratio Lower Upper
152 100
151 21.7 17.4 26.2

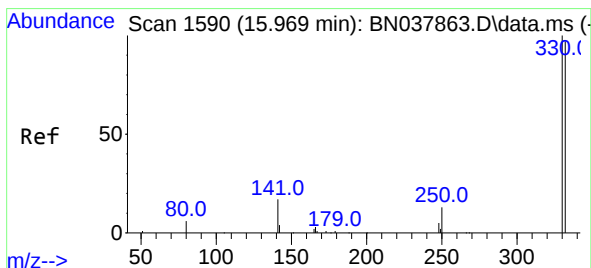
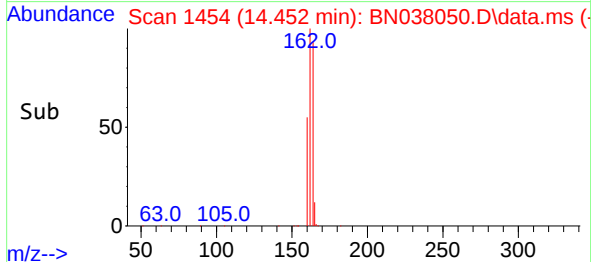
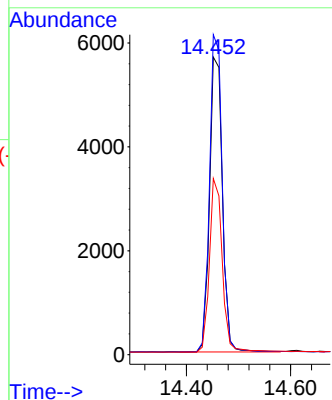
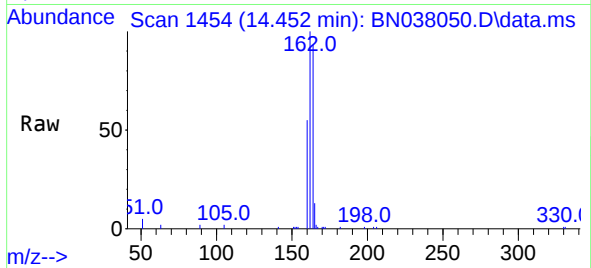




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.452 min Scan# 1456
Delta R.T. -0.022 min
Lab File: BN038050.D
Acq: 07 Oct 2025 17:31

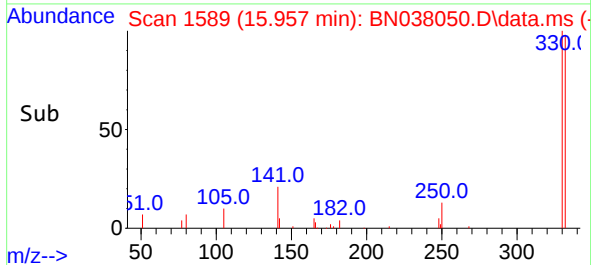
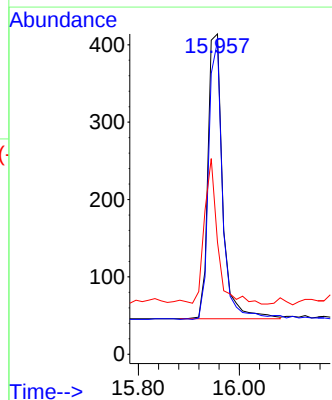
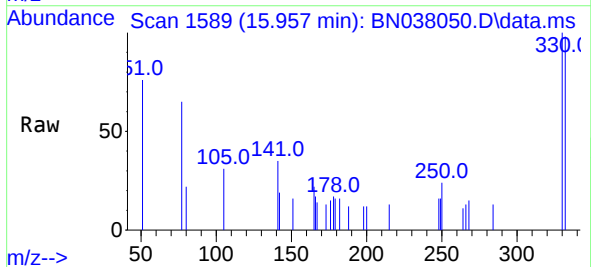
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RW7-SP302-20250926

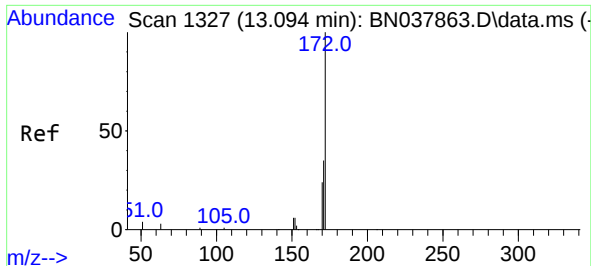
Tgt Ion:164 Resp: 9710
Ion Ratio Lower Upper
164 100
162 107.5 84.8 127.2
160 59.2 46.1 69.1



#14
2,4,6-Tribromophenol
Concen: 0.202 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN038050.D
Acq: 07 Oct 2025 17:31

Tgt Ion:330 Resp: 745
Ion Ratio Lower Upper
330 100
332 94.1 77.2 115.8
141 47.0 37.2 55.8

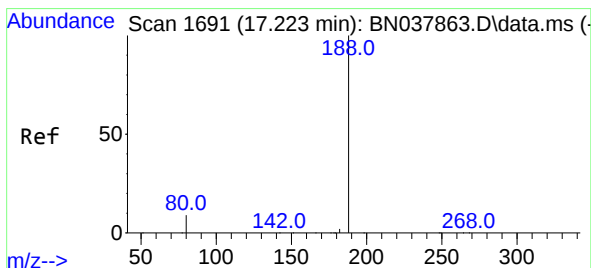
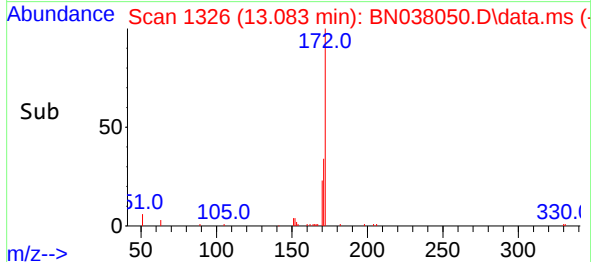
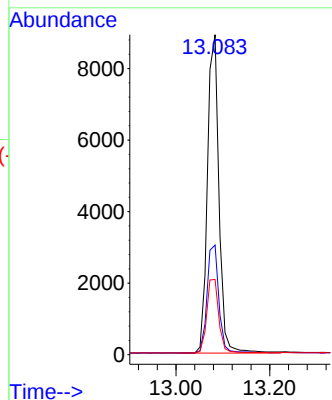
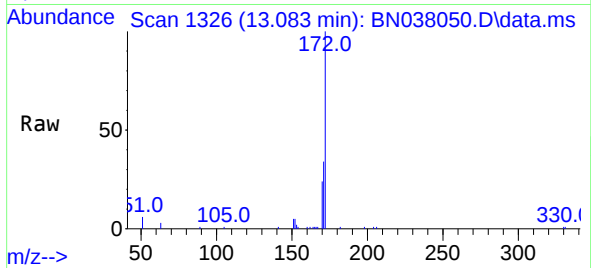




#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 13.083 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN038050.D
Acq: 07 Oct 2025 17:31

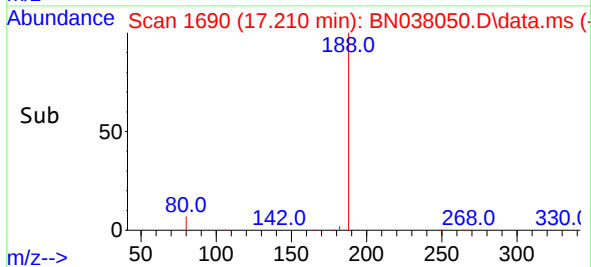
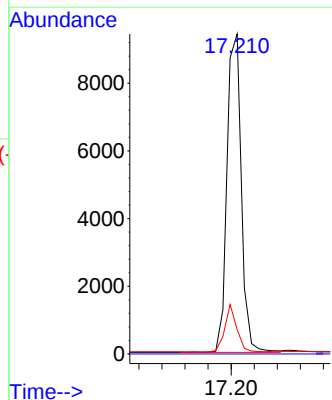
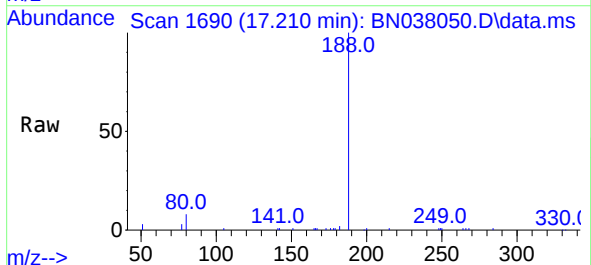
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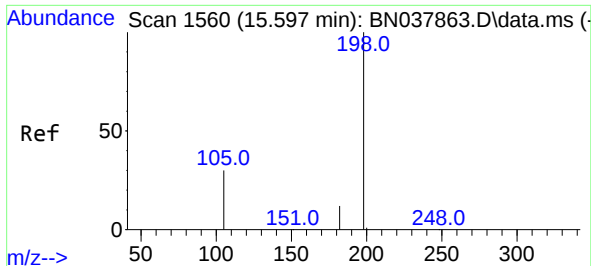
Tgt Ion:172	Resp:	15198
Ion	Ratio	Lower Upper
172	100	
171	34.3	28.6 43.0
170	23.5	19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.210 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN038050.D
Acq: 07 Oct 2025 17:31

Tgt Ion:188	Resp:	16269
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	7.6	7.6 11.4

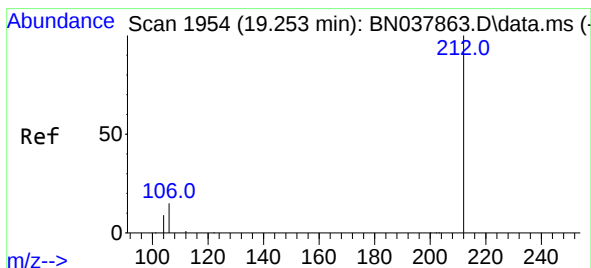
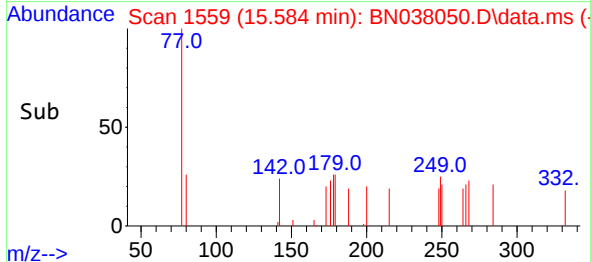
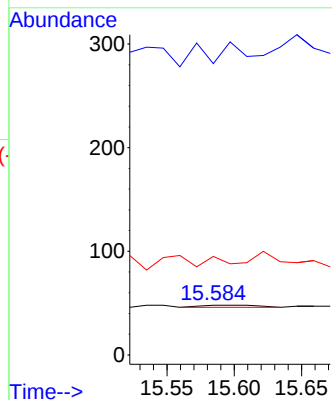
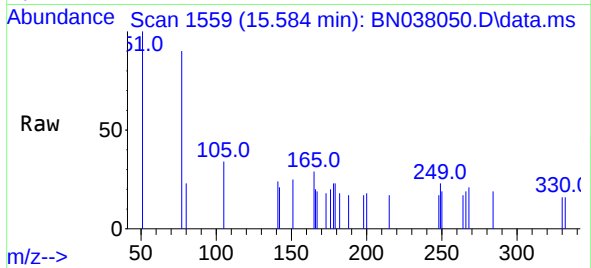




#20
4,6-Dinitro-2-methylphenol
Concen: 0.070 ng
RT: 15.584 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN038050.D
Acq: 07 Oct 2025 17:31

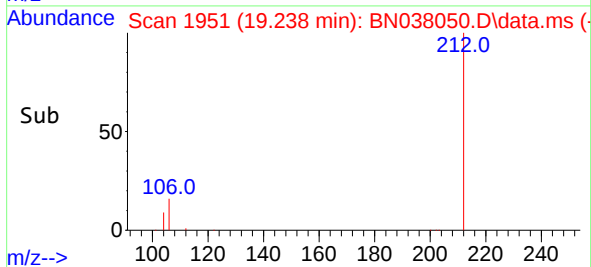
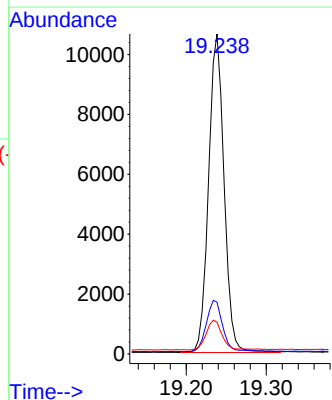
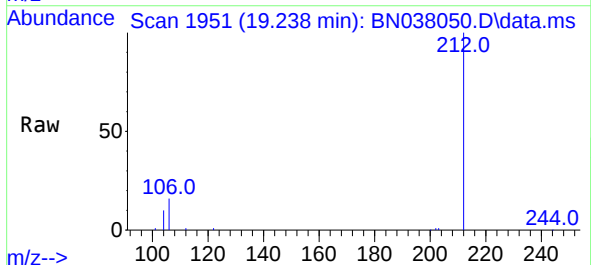
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250926

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 585.4 59.1 88.7#
105 197.9 41.3 61.9#



#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.238 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038050.D
Acq: 07 Oct 2025 17:31

Tgt Ion:212 Resp: 14278
Ion Ratio Lower Upper
212 100
106 16.8 12.6 19.0
104 9.6 7.4 11.0

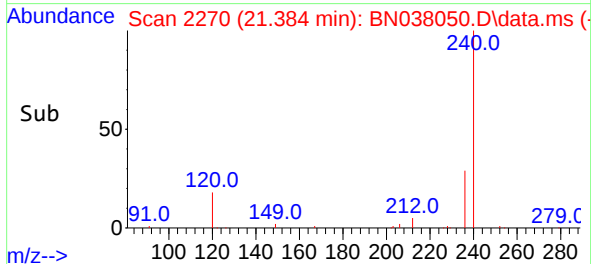
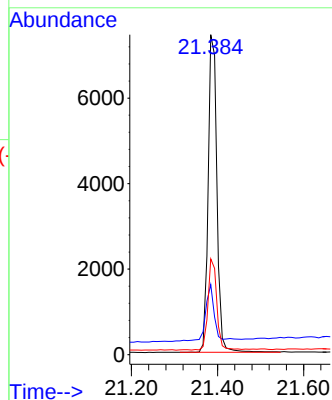
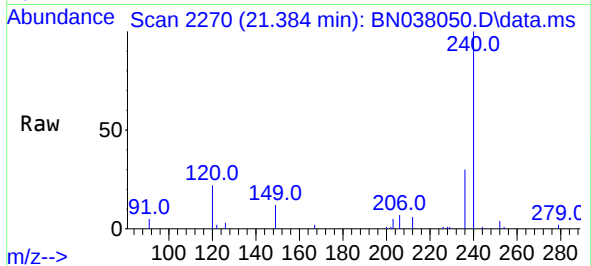




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN038050.D
Acq: 07 Oct 2025 17:31

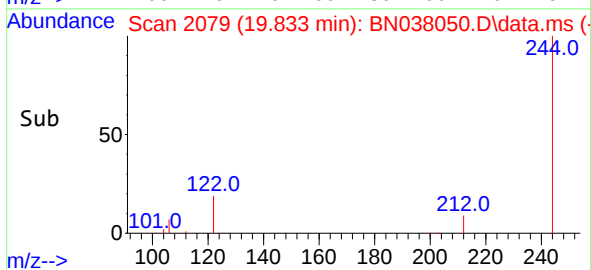
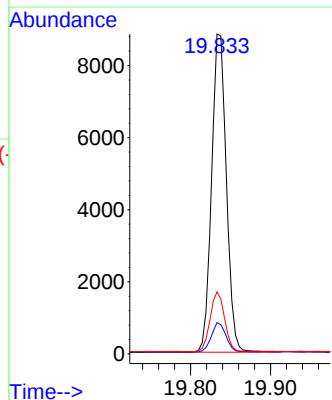
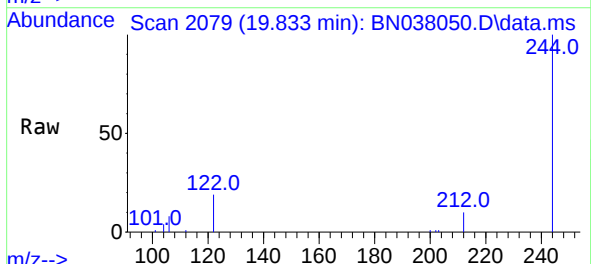
Instrument :
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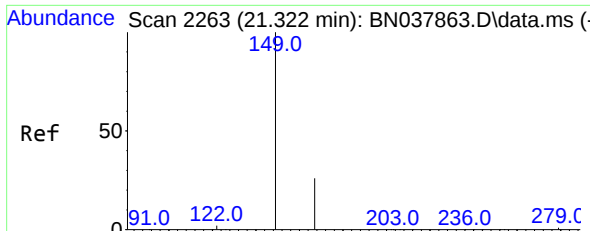
Tgt Ion:240 Resp: 10563
Ion Ratio Lower Upper
240 100
120 21.9 11.4 17.2#
236 30.0 23.0 34.6



#31
Terphenyl-d14
Concen: 0.538 ng
RT: 19.833 min Scan# 2079
Delta R.T. -0.019 min
Lab File: BN038050.D
Acq: 07 Oct 2025 17:31

Tgt Ion:244 Resp: 11319
Ion Ratio Lower Upper
244 100
212 9.8 7.6 11.4
122 19.4 13.9 20.9

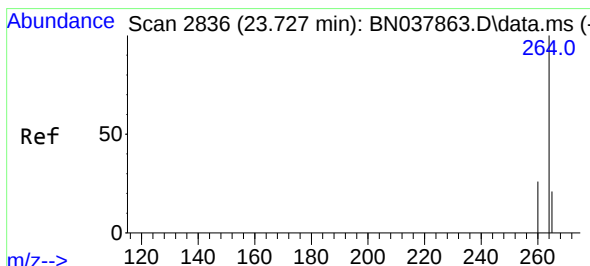
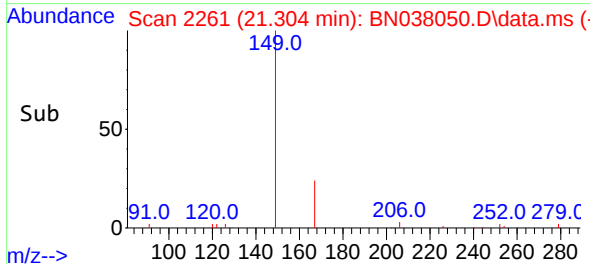
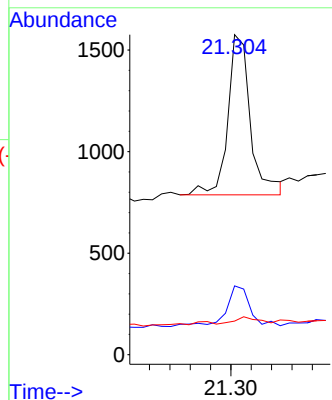
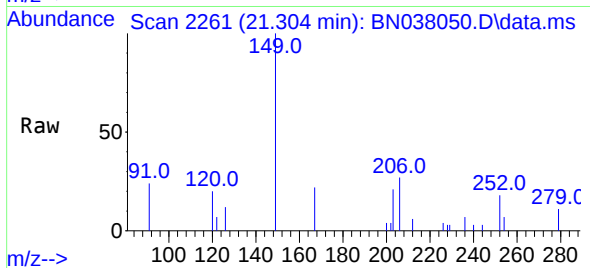




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.084 ng
RT: 21.304 min Scan# 2122
Delta R.T. -0.018 min
Lab File: BN038050.D
Acq: 07 Oct 2025 17:31

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250926

Tgt Ion:149 Resp: 1222
Ion Ratio Lower Upper
149 100
167 24.6 20.4 30.6
279 4.7 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.706 min Scan# 2829
Delta R.T. -0.021 min
Lab File: BN038050.D
Acq: 07 Oct 2025 17:31

Tgt Ion:264 Resp: 10046
Ion Ratio Lower Upper
264 100
260 27.9 21.5 32.3
265 104.5 53.8 80.6#

