

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
 Data File : BN038036.D
 Acq On : 07 Oct 2025 07:58
 Operator : RC/JU
 Sample : Q3235-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20250926

Quant Time: Oct 07 08:26:33 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)

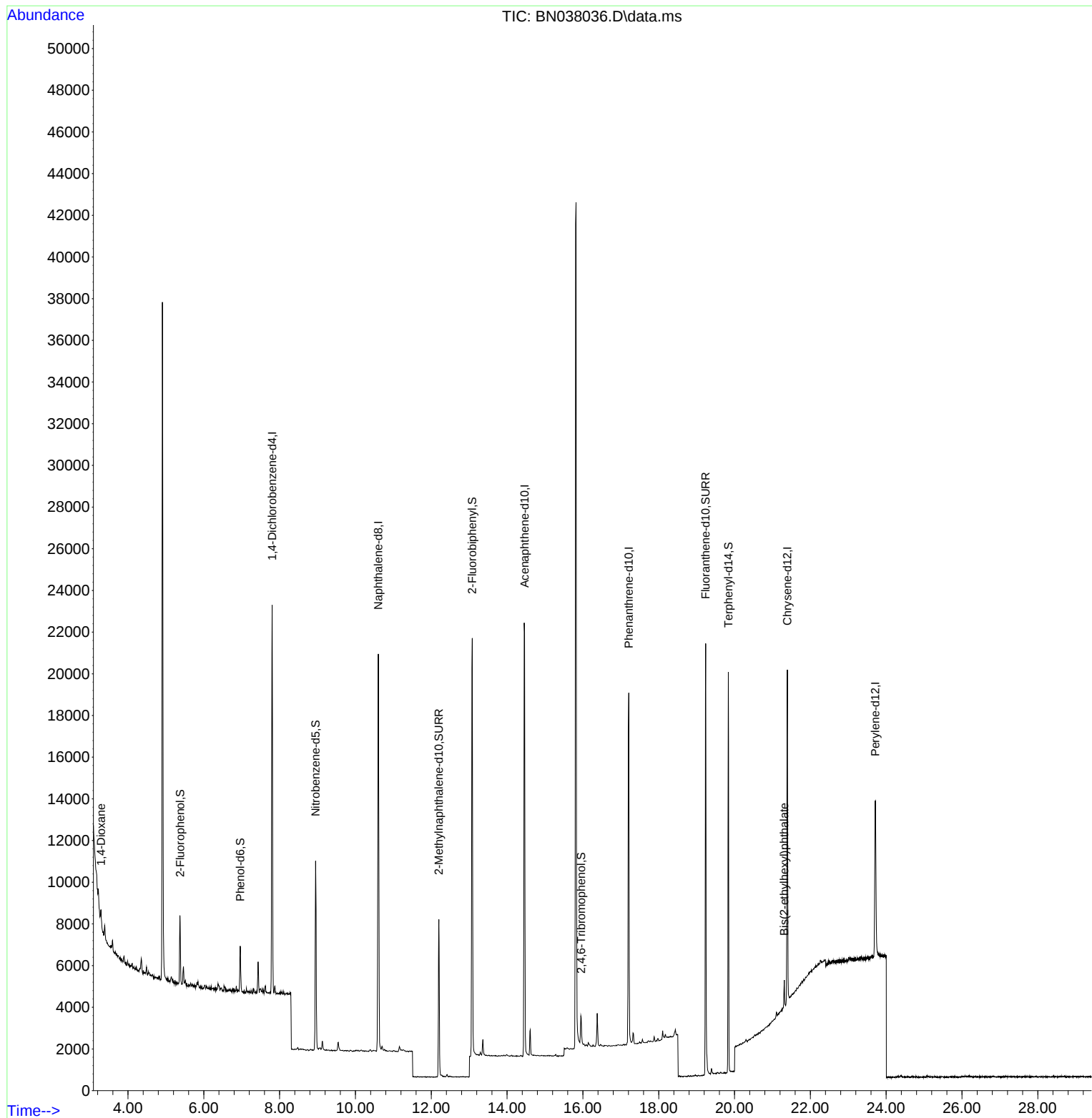
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	9005	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	25127	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	12851	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	25186	0.400	ng	-0.01
29) Chrysene-d12	21.393	240	14411	0.400	ng	0.00
35) Perylene-d12	23.712	264	11244	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	2623	0.128	ng	0.00
5) Phenol-d6	6.959	99	1962	0.073	ng	-0.01
8) Nitrobenzene-d5	8.950	82	7082	0.370	ng	-0.02
11) 2-Methylnaphthalene-d10	12.202	152	10446	0.299	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	913	0.187	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	19093	0.363	ng	-0.01
27) Fluoranthene-d10	19.239	212	22021	0.348	ng	-0.01
31) Terphenyl-d14	19.838	244	17681	0.616	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.290	88	510	0.056	ng	# 71
34) Bis(2-ethylhexyl)phtha...	21.313	149	1550	0.078	ng	# 93

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

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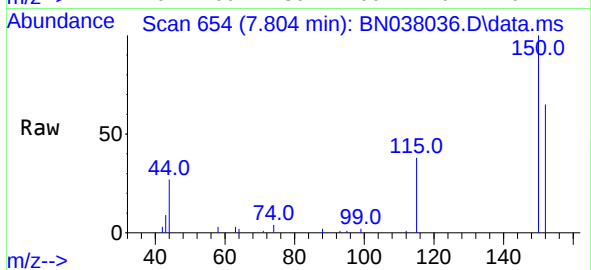
Quant Time: Oct 07 08:26:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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QLast Update : Wed Sep 24 11:00:01 2025
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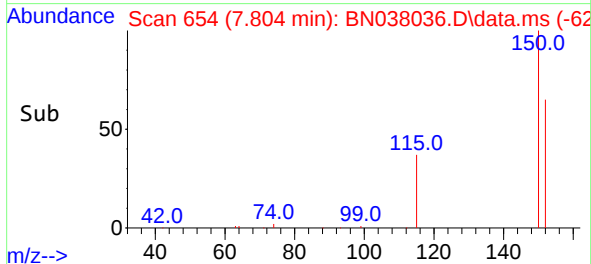
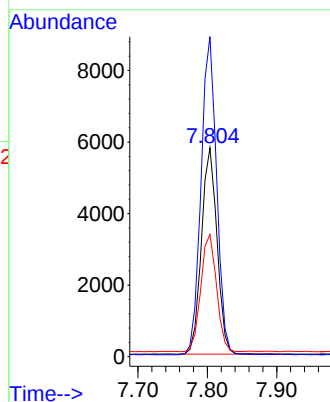


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN038036.D
Acq: 07 Oct 2025 07:58

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250926

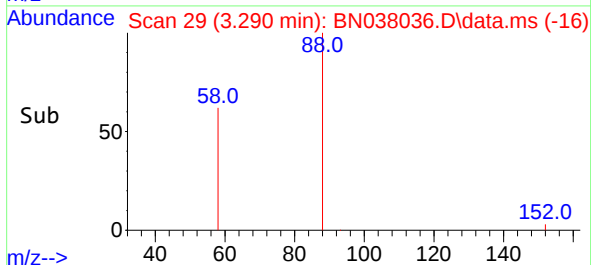
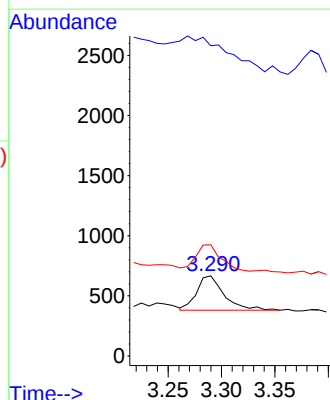
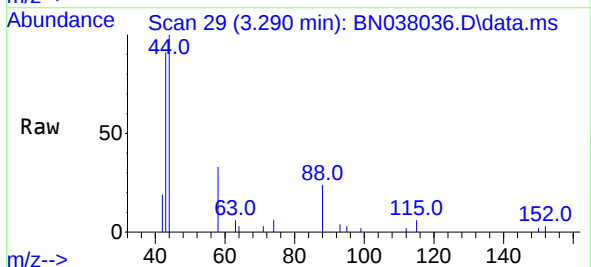


Tgt Ion:152 Resp: 9005
Ion Ratio Lower Upper
152 100
150 153.3 121.0 181.4
115 58.6 47.4 71.0



#2
1,4-Dioxane
Concen: 0.056 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN038036.D
Acq: 07 Oct 2025 07:58

Tgt Ion: 88 Resp: 510
Ion Ratio Lower Upper
88 100
43 0.0 26.6 39.8#
58 86.3 58.9 88.3

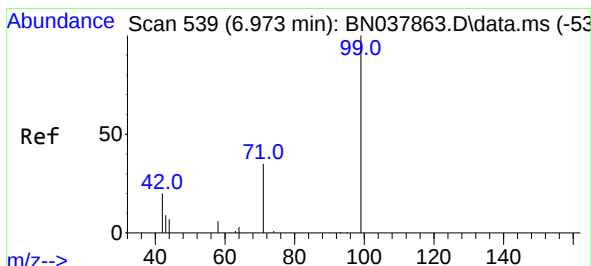
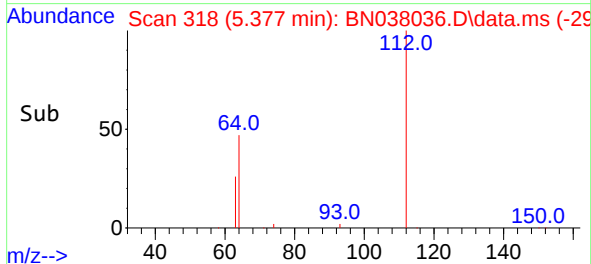
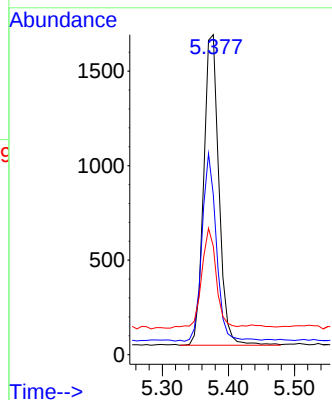
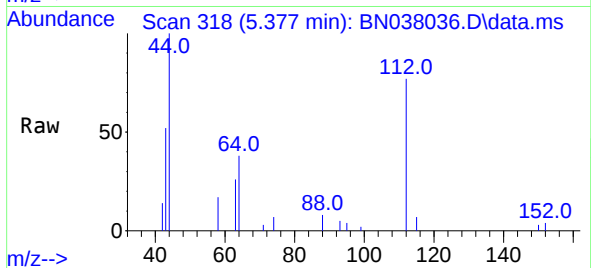




#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.377 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN038036.D
Acq: 07 Oct 2025 07:58

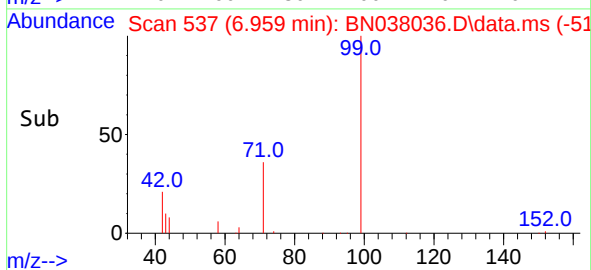
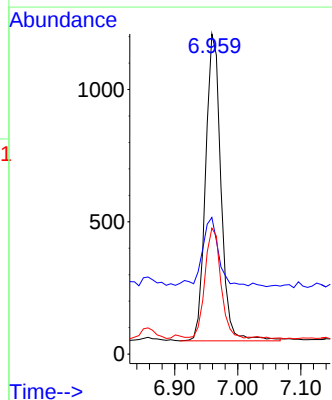
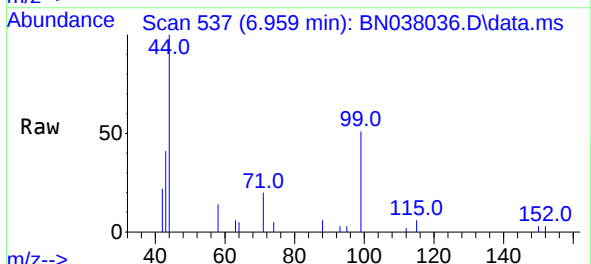
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250926

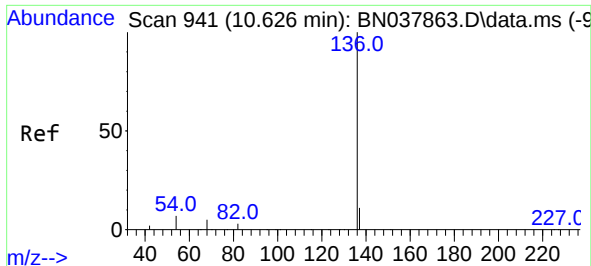
Tgt Ion:112 Resp: 2623
Ion Ratio Lower Upper
112 100
64 57.0 44.6 66.8
63 30.8 24.9 37.3



#5
Phenol-d6
Concen: 0.073 ng
RT: 6.959 min Scan# 537
Delta R.T. -0.015 min
Lab File: BN038036.D
Acq: 07 Oct 2025 07:58

Tgt Ion: 99 Resp: 1962
Ion Ratio Lower Upper
99 100
42 23.6 17.2 25.8
71 36.3 27.3 40.9

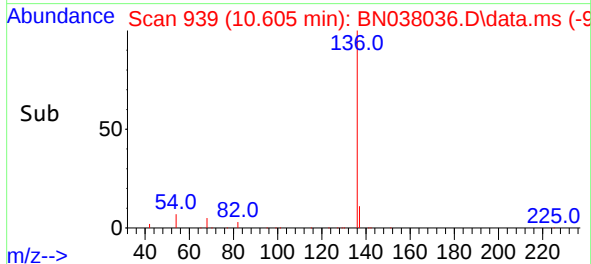
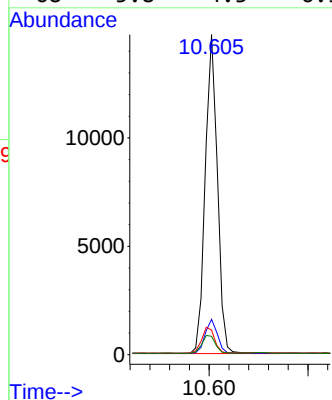
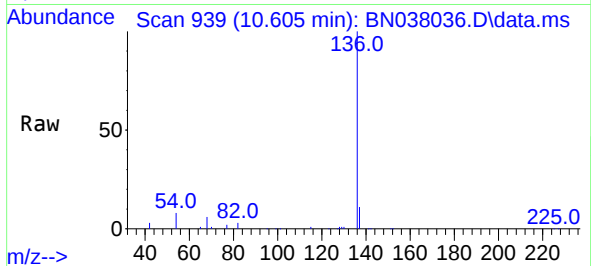




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN038036.D
Acq: 07 Oct 2025 07:58

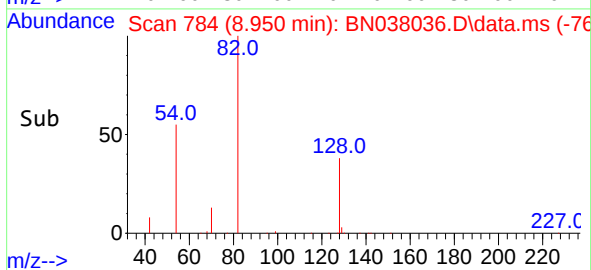
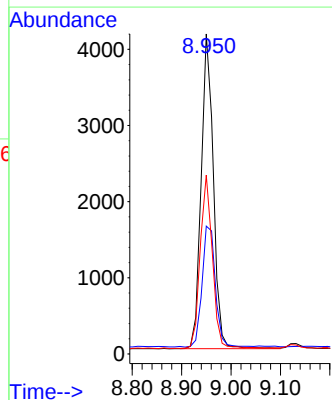
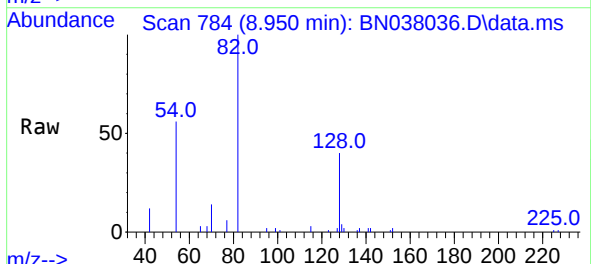
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250926

Tgt Ion:	136	Resp:	25127
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	7.6	5.8	8.8
68	5.8	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.370 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038036.D
Acq: 07 Oct 2025 07:58

Tgt Ion:	82	Resp:	7082
Ion Ratio	Lower	Upper	
82	100		
128	39.9	34.8	52.2
54	55.9	42.2	63.2

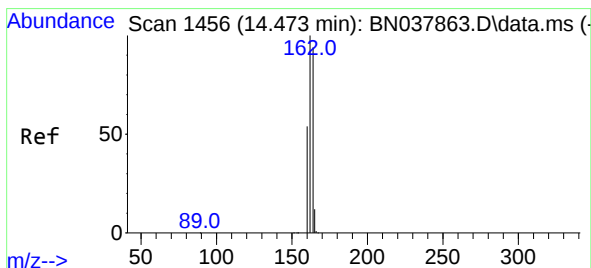
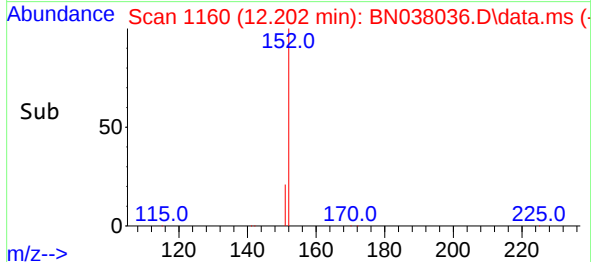
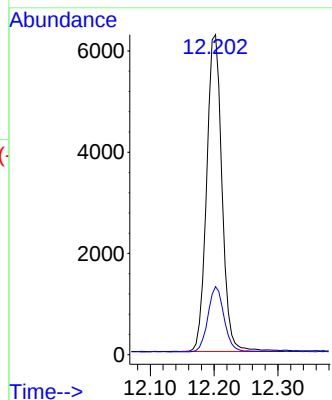
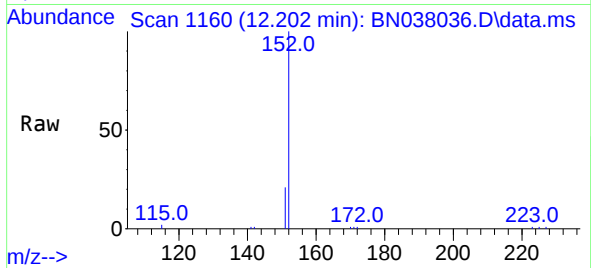




#11
2-Methylnaphthalene-d10
Concen: 0.299 ng
RT: 12.202 min Scan# 1160
Delta R.T. -0.015 min
Lab File: BN038036.D
Acq: 07 Oct 2025 07:58

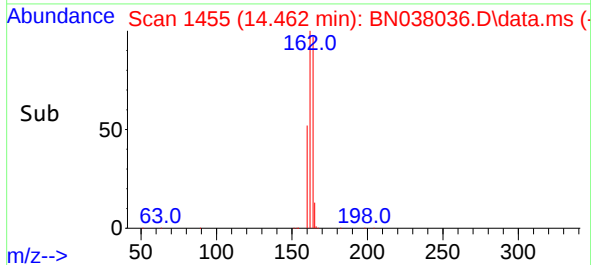
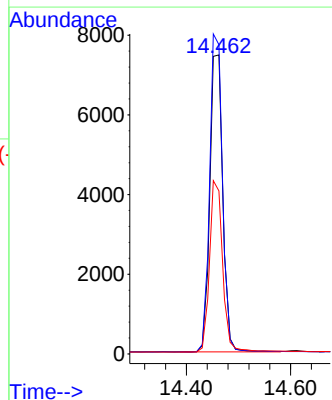
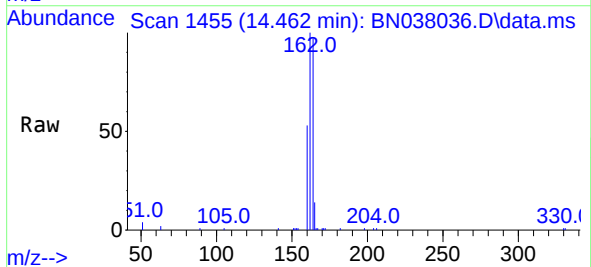
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250926

Tgt Ion:152 Resp: 10446
Ion Ratio Lower Upper
152 100
151 21.9 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: BN038036.D
Acq: 07 Oct 2025 07:58

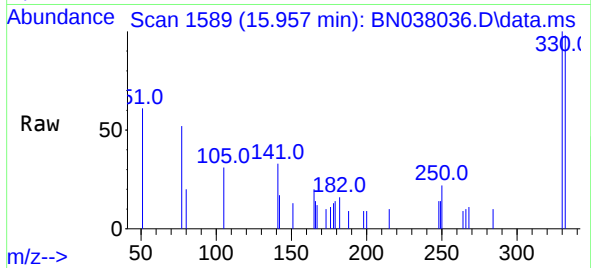
Tgt Ion:164 Resp: 12851
Ion Ratio Lower Upper
164 100
162 103.4 84.8 127.2
160 54.5 46.1 69.1



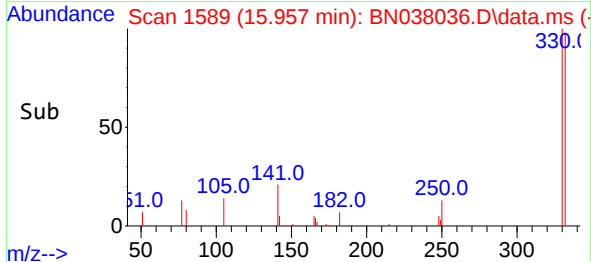
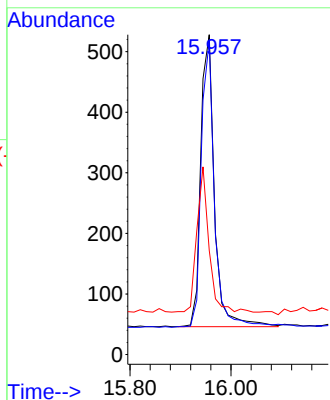


#14
2,4,6-Tribromophenol
Concen: 0.187 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN038036.D
Acq: 07 Oct 2025 07:58

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250926

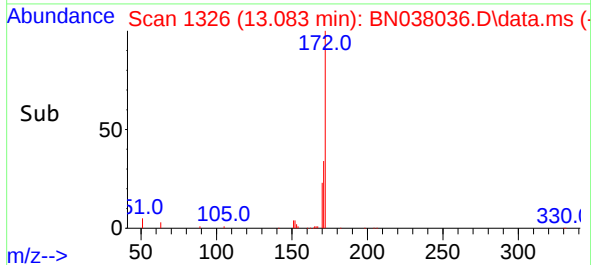
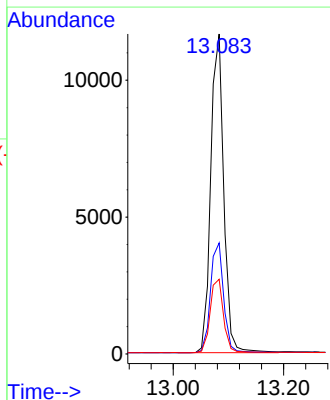
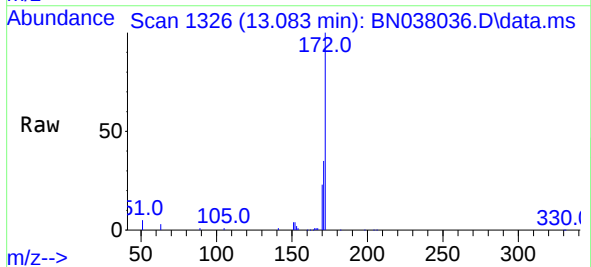


Tgt Ion:330 Resp: 913
Ion Ratio Lower Upper
330 100
332 95.7 77.2 115.8
141 49.1 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN038036.D
Acq: 07 Oct 2025 07:58

Tgt Ion:172 Resp: 19093
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 23.3 19.7 29.5

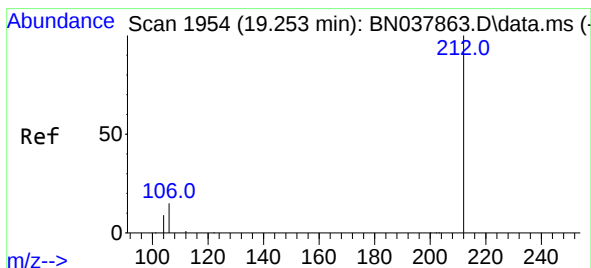
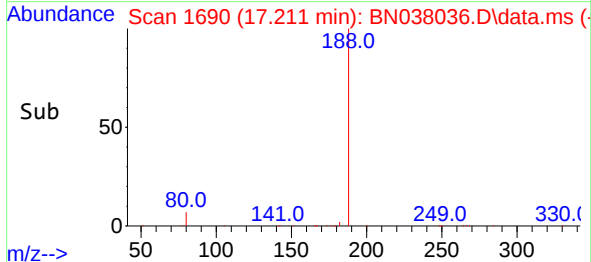
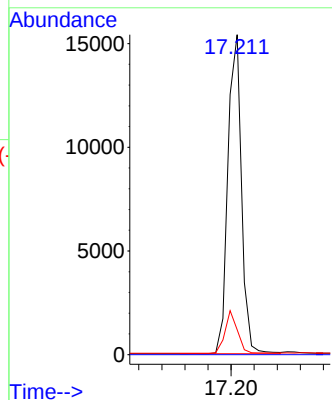
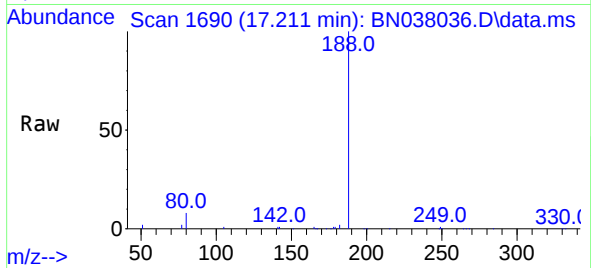




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN038036.D
Acq: 07 Oct 2025 07:58

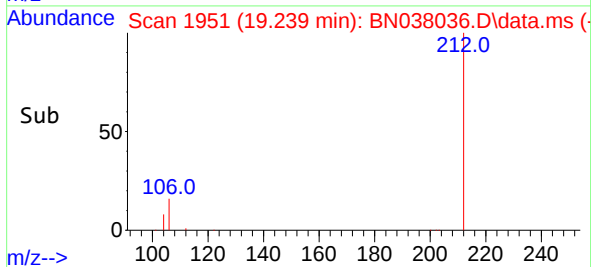
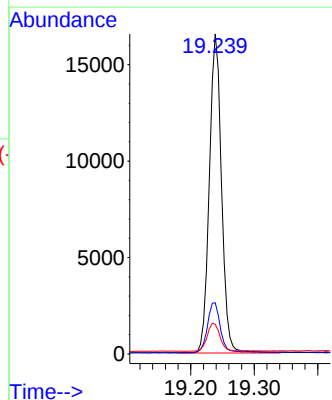
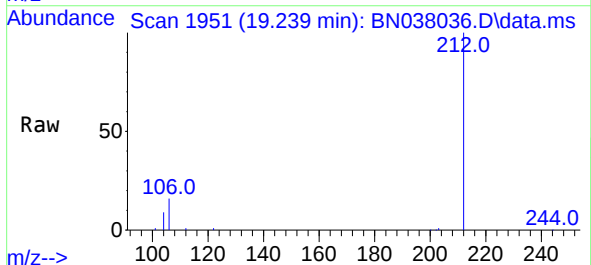
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250926

Tgt Ion:188 Resp: 25186
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 7.6 11.4



#27
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038036.D
Acq: 07 Oct 2025 07:58

Tgt Ion:212 Resp: 22021
Ion Ratio Lower Upper
212 100
106 16.6 12.6 19.0
104 9.2 7.4 11.0

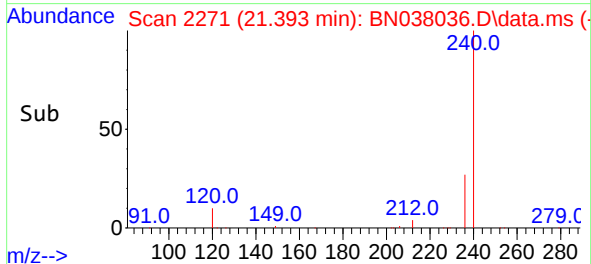
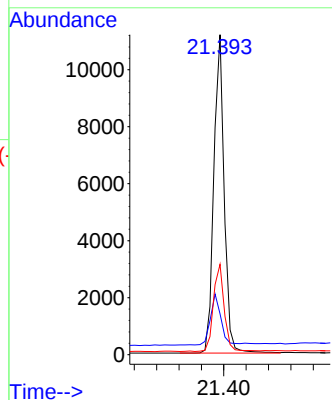
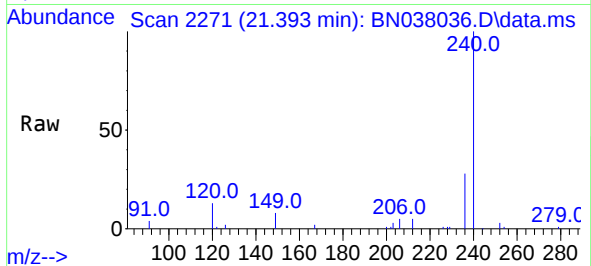




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038036.D
Acq: 07 Oct 2025 07:58

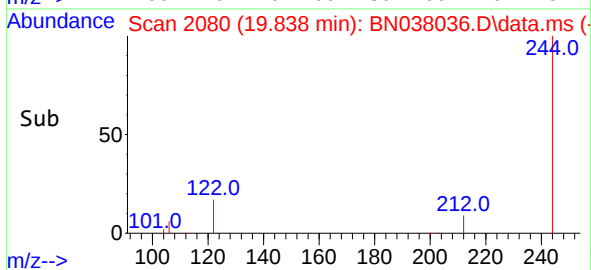
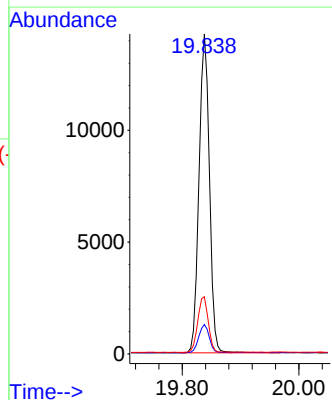
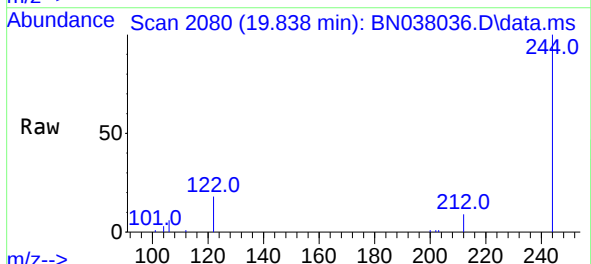
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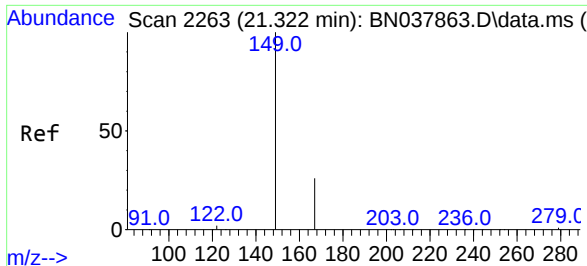
Tgt Ion:240 Resp: 14411
Ion Ratio Lower Upper
240 100
120 12.7 11.4 17.2
236 28.2 23.0 34.6



#31
Terphenyl-d14
Concen: 0.616 ng
RT: 19.838 min Scan# 2080
Delta R.T. -0.014 min
Lab File: BN038036.D
Acq: 07 Oct 2025 07:58

Tgt Ion:244 Resp: 17681
Ion Ratio Lower Upper
244 100
212 9.2 7.6 11.4
122 17.9 13.9 20.9

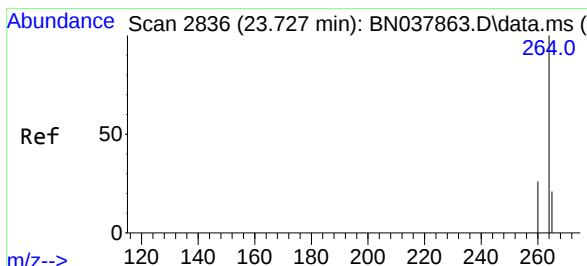
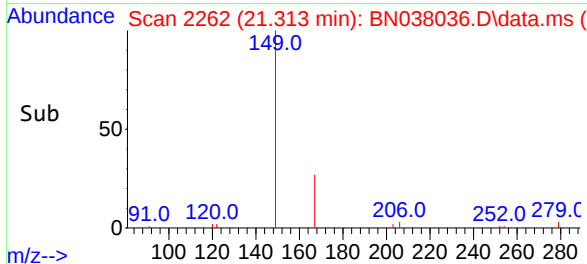
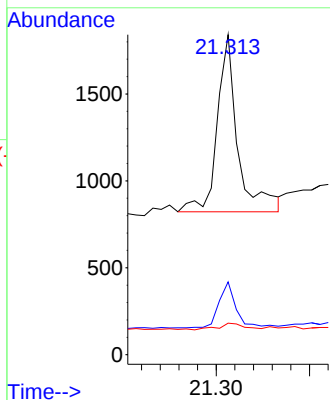
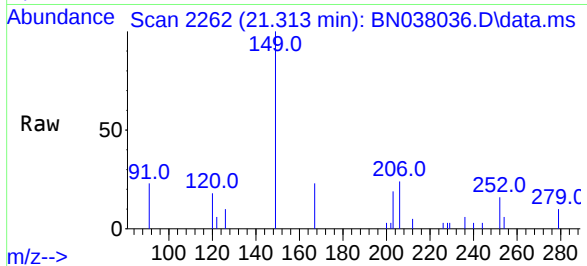




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.078 ng
 RT: 21.313 min Scan# 2131
 Delta R.T. -0.009 min
 Lab File: BN038036.D
 Acq: 07 Oct 2025 07:58

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20250926

Tgt Ion:149 Resp: 1550
 Ion Ratio Lower Upper
 149 100
 167 21.9 20.4 30.6
 279 4.9 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.712 min Scan# 2831
 Delta R.T. -0.015 min
 Lab File: BN038036.D
 Acq: 07 Oct 2025 07:58

Tgt Ion:264 Resp: 11244
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.5 32.3
 265 102.0 53.8 80.6#

