

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
 Data File : BN038239.D
 Acq On : 01 Dec 2025 23:17
 Operator : RC/JU
 Sample : Q3690-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20251118

Quant Time: Dec 02 01:11:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 28 21:04:10 2025
 Response via : Initial Calibration

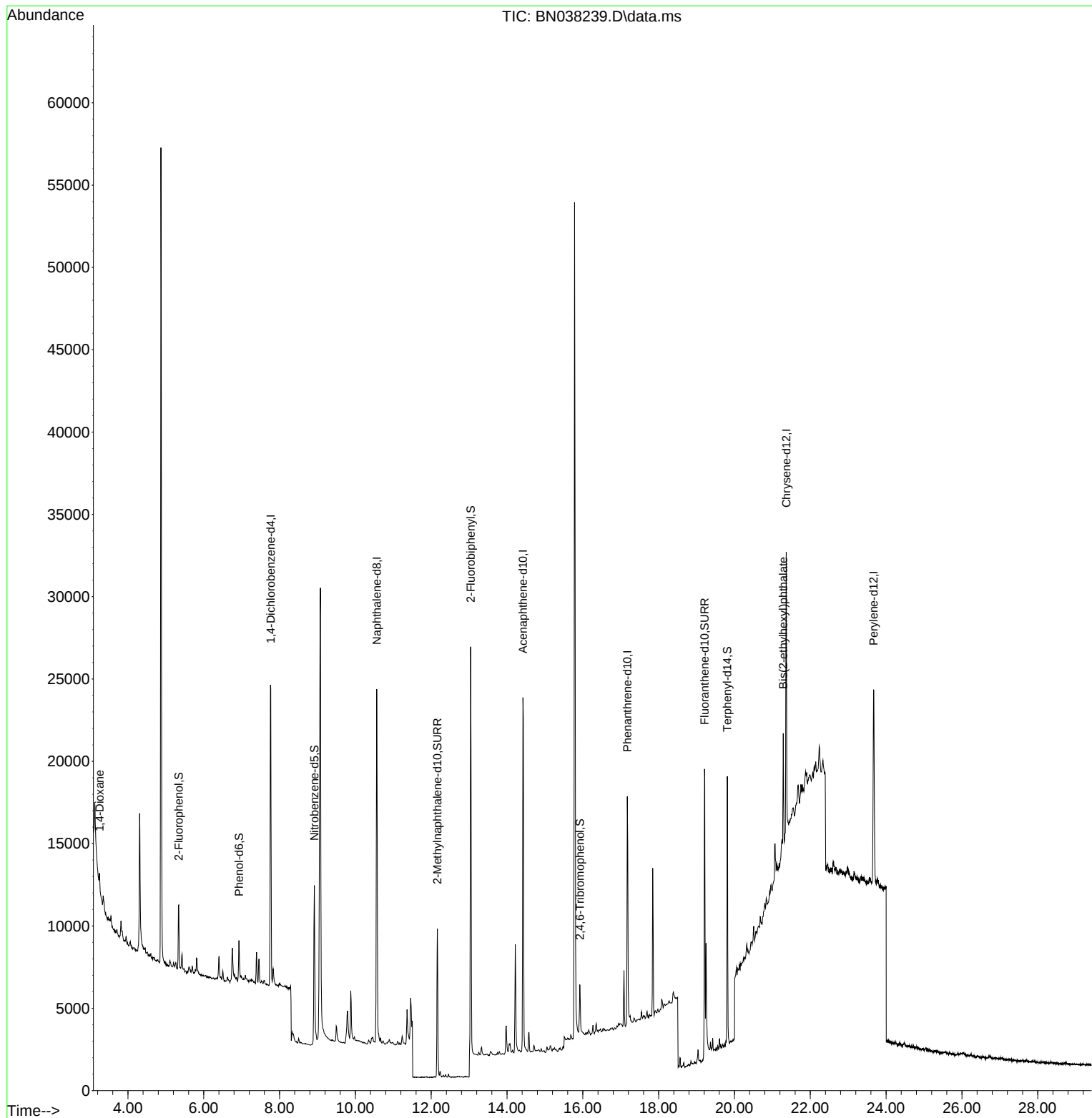
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	9532	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	28839	0.400	ng	#-0.01
13) Acenaphthene-d10	14.420	164	13442	0.400	ng	-0.01
19) Phenanthrene-d10	17.173	188	20421	0.400	ng	#-0.01
29) Chrysene-d12	21.366	240	15899	0.400	ng	0.00
35) Perylene-d12	23.671	264	16933	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	3375	0.151	ng	0.00
5) Phenol-d6	6.930	99	2323	0.083	ng	0.00
8) Nitrobenzene-d5	8.918	82	7856	0.341	ng	0.00
11) 2-Methylnaphthalene-d10	12.162	152	12538	0.306	ng	0.00
14) 2,4,6-Tribromophenol	15.920	330	1666	0.394	ng	-0.01
15) 2-Fluorobiphenyl	13.041	172	20218	0.389	ng	-0.01
27) Fluoranthene-d10	19.211	212	19349	0.437	ng	0.00
31) Terphenyl-d14	19.810	244	15401	0.419	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	551	0.055	ng	# 20
34) Bis(2-ethylhexyl)phtha...	21.286	149	5994	0.203	ng	# 96

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

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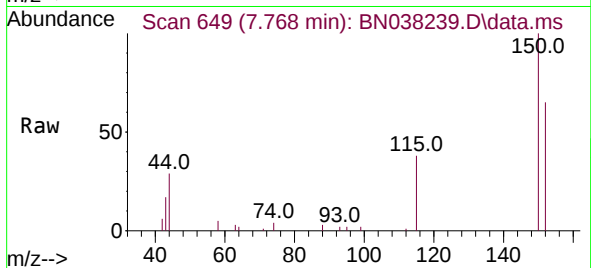
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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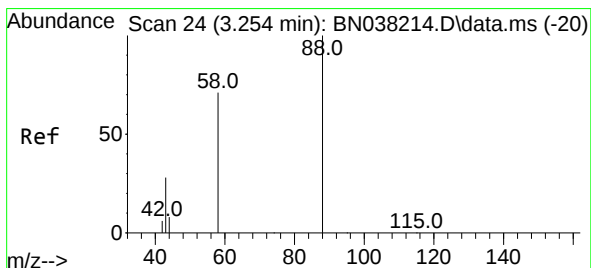
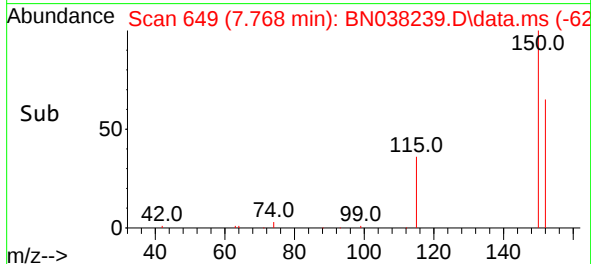
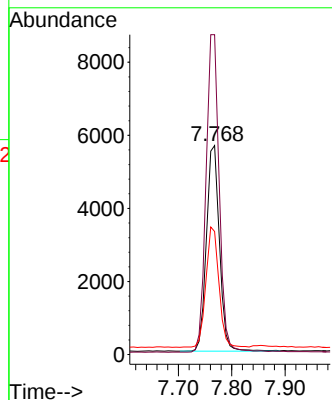


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.768 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN038239.D
 Acq: 01 Dec 2025 23:17

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20251118

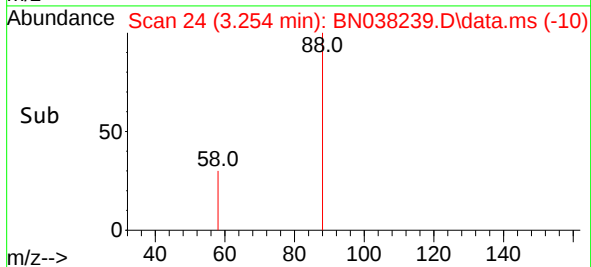
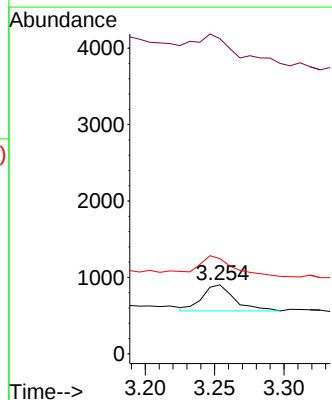
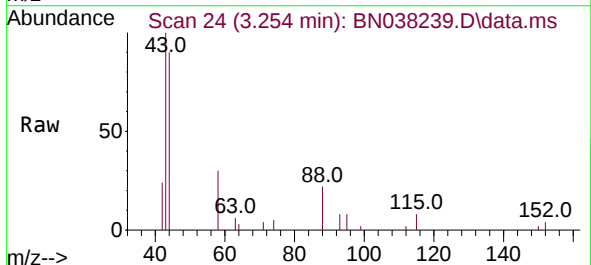


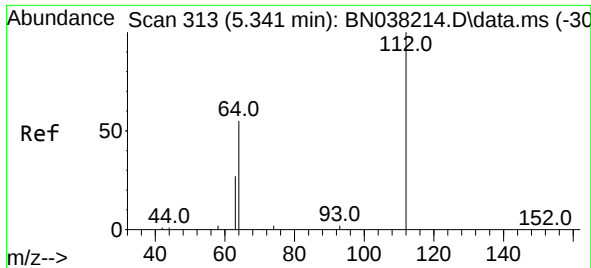
Tgt Ion:152 Resp: 9532
 Ion Ratio Lower Upper
 152 100
 150 153.0 125.3 187.9
 115 58.9 49.0 73.4



#2
 1,4-Dioxane
 Concen: 0.055 ng
 RT: 3.254 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN038239.D
 Acq: 01 Dec 2025 23:17

Tgt Ion: 88 Resp: 551
 Ion Ratio Lower Upper
 88 100
 43 163.3 24.8 37.2#
 58 88.7 61.1 91.7

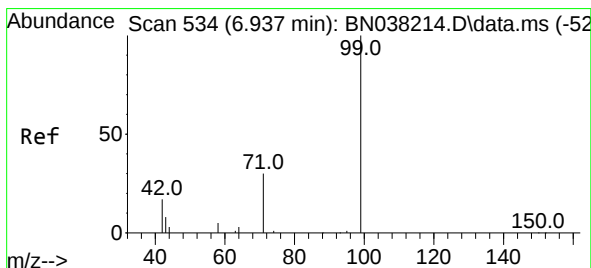
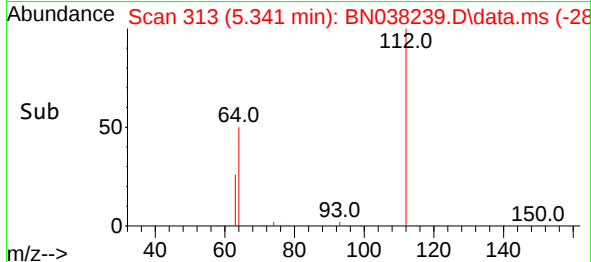
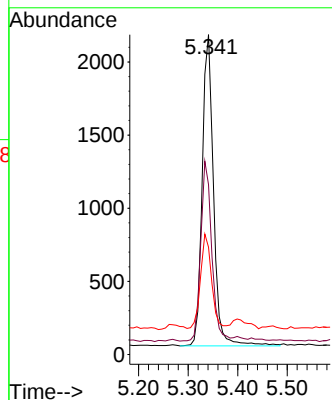
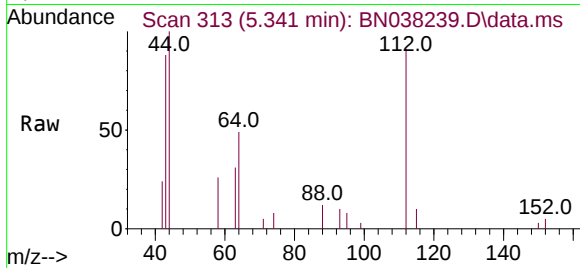




#4
2-Fluorophenol
Concen: 0.151 ng
RT: 5.341 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN038239.D
Acq: 01 Dec 2025 23:17

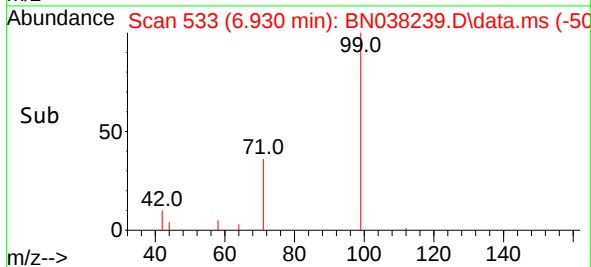
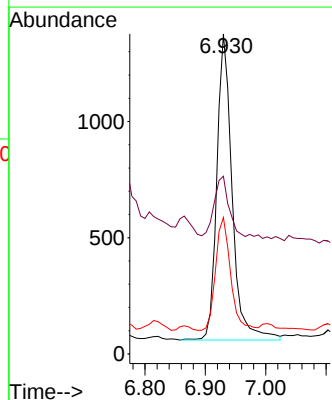
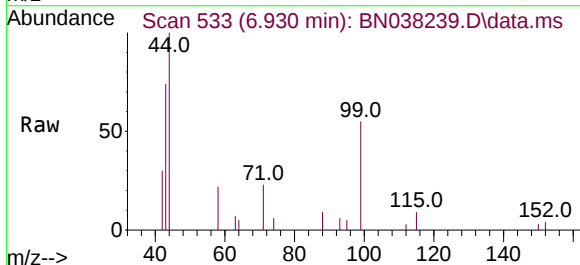
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20251118

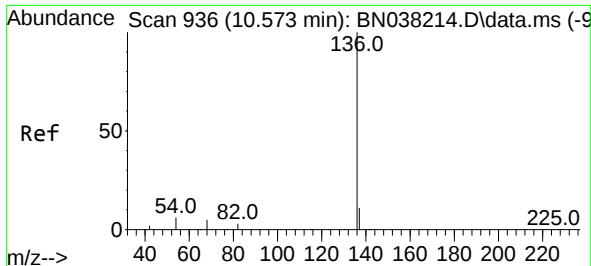
Tgt Ion:112 Resp: 3375
Ion Ratio Lower Upper
112 100
64 56.3 45.0 67.4
63 29.7 23.2 34.8



#5
Phenol-d6
Concen: 0.083 ng
RT: 6.930 min Scan# 533
Delta R.T. -0.007 min
Lab File: BN038239.D
Acq: 01 Dec 2025 23:17

Tgt Ion: 99 Resp: 2323
Ion Ratio Lower Upper
99 100
42 18.6 17.0 25.6
71 35.9 25.4 38.2

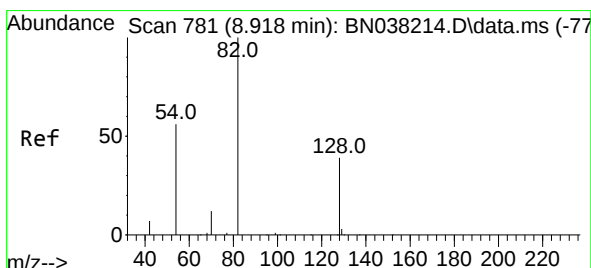
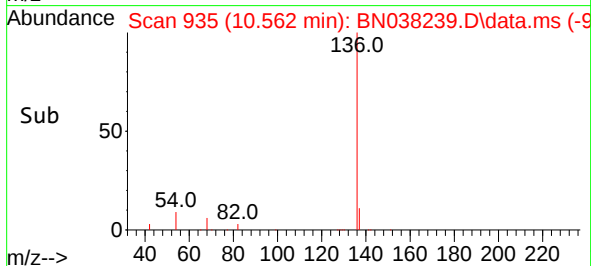
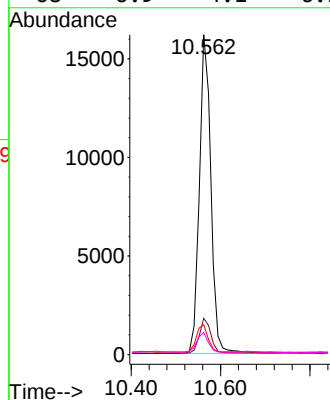
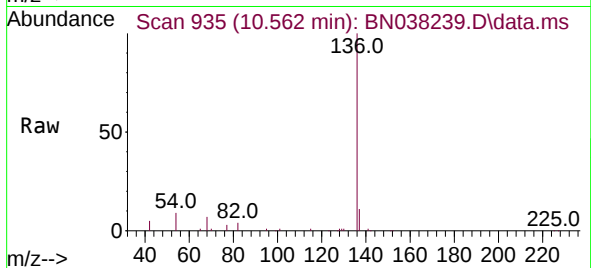




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN038239.D
Acq: 01 Dec 2025 23:17

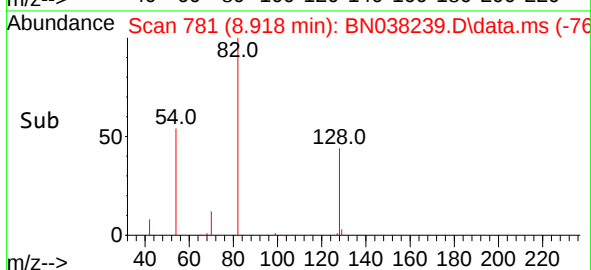
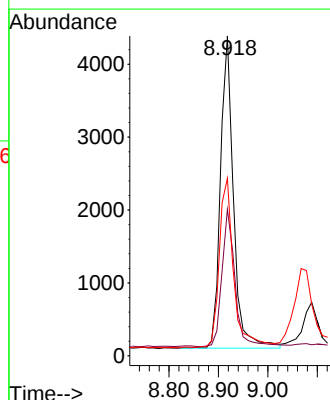
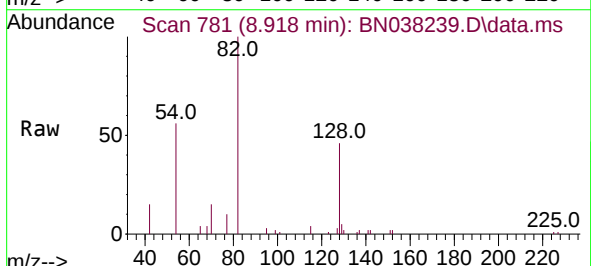
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20251118

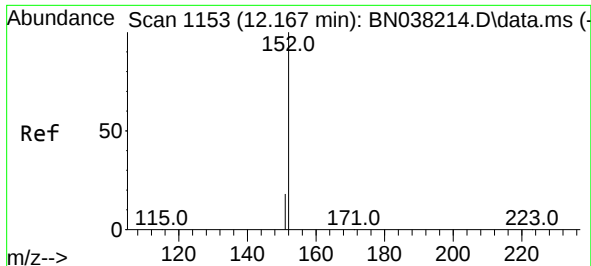
Tgt Ion:136	Resp:	28839
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.9 13.3
54	9.3	5.4 8.0#
68	6.9	4.1 6.1#



#8
Nitrobenzene-d5
Concen: 0.341 ng
RT: 8.918 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN038239.D
Acq: 01 Dec 2025 23:17

Tgt Ion: 82	Resp:	7856
Ion Ratio	Lower	Upper
82	100	
128	45.8	32.6 48.8
54	55.5	45.4 68.0

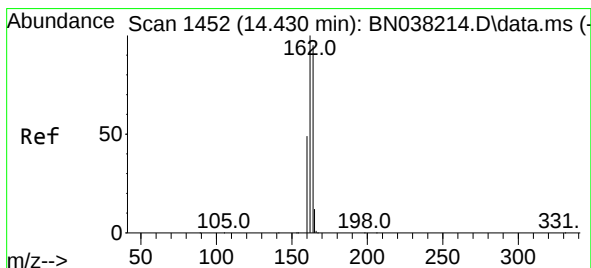
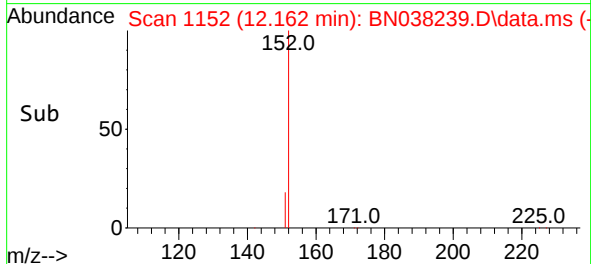
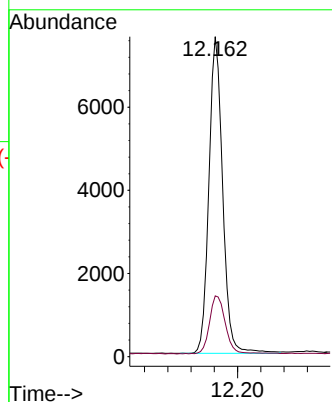
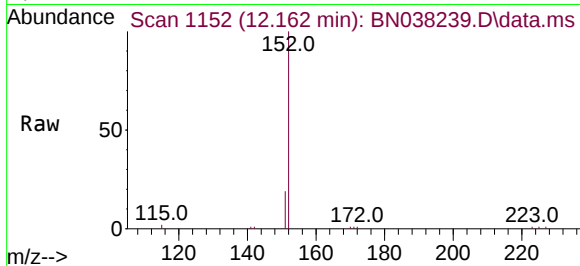




#11
2-Methylnaphthalene-d10
Concen: 0.306 ng
RT: 12.162 min Scan# 1153
Delta R.T. -0.005 min
Lab File: BN038239.D
Acq: 01 Dec 2025 23:17

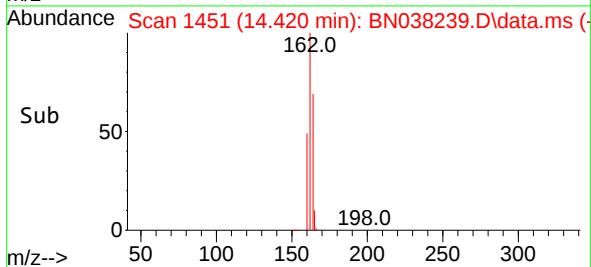
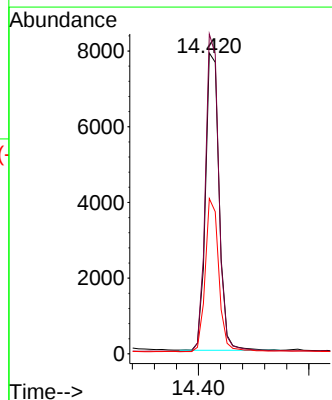
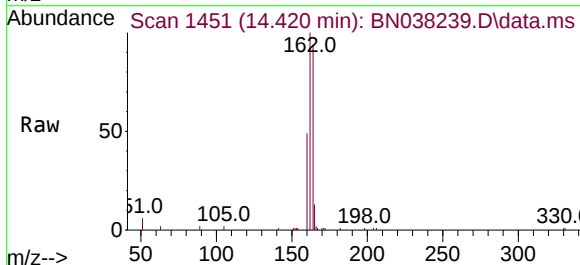
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20251118

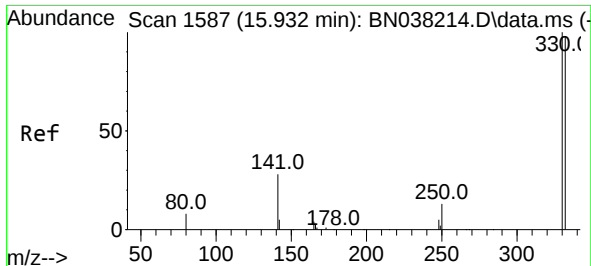
Tgt Ion:152 Resp: 12538
Ion Ratio Lower Upper
152 100
151 21.4 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.420 min Scan# 1451
Delta R.T. -0.011 min
Lab File: BN038239.D
Acq: 01 Dec 2025 23:17

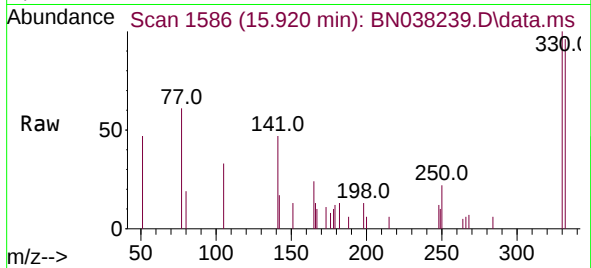
Tgt Ion:164 Resp: 13442
Ion Ratio Lower Upper
164 100
162 106.3 83.8 125.8
160 51.6 41.6 62.4



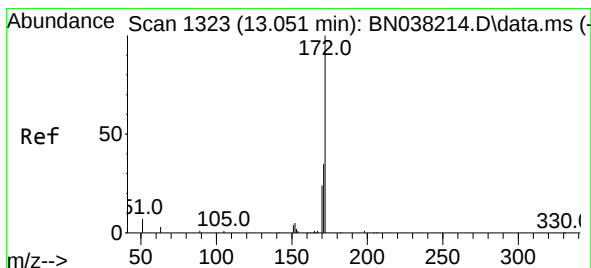
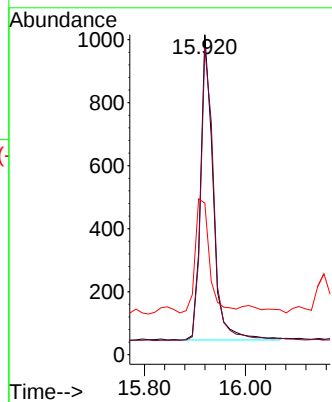
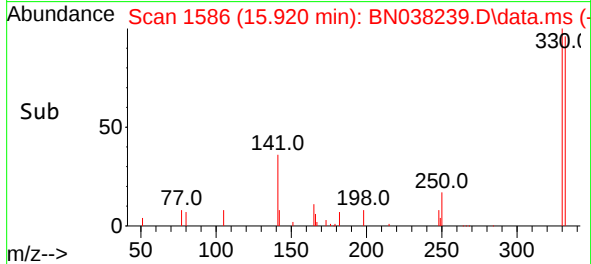


#14
2,4,6-Tribromophenol
Concen: 0.394 ng
RT: 15.920 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BN038239.D
Acq: 01 Dec 2025 23:17

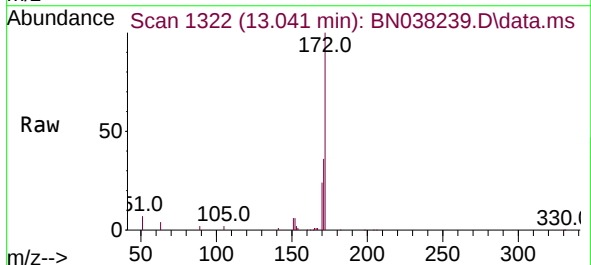
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20251118



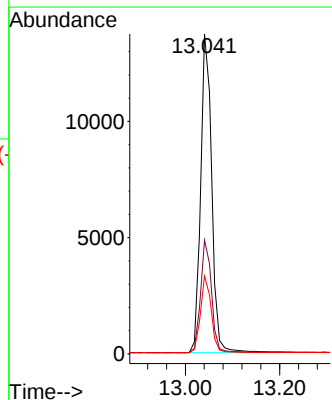
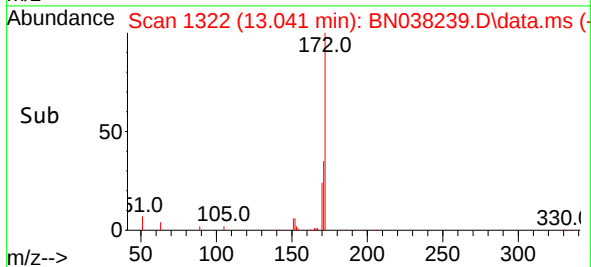
Tgt Ion: 330 Resp: 1666
Ion Ratio Lower Upper
330 100
332 99.2 77.8 116.6
141 42.7 33.0 49.4

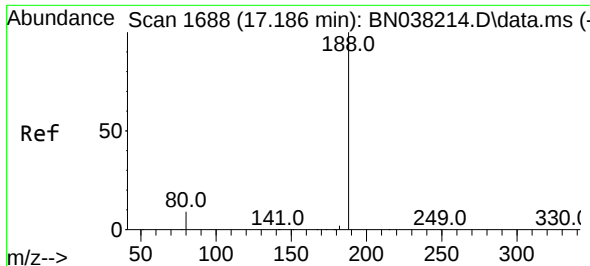


#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.041 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BN038239.D
Acq: 01 Dec 2025 23:17



Tgt Ion: 172 Resp: 20218
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 24.3 19.1 28.7

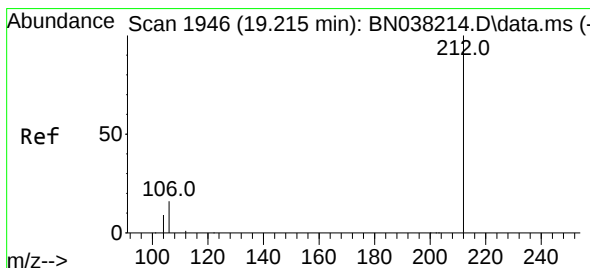
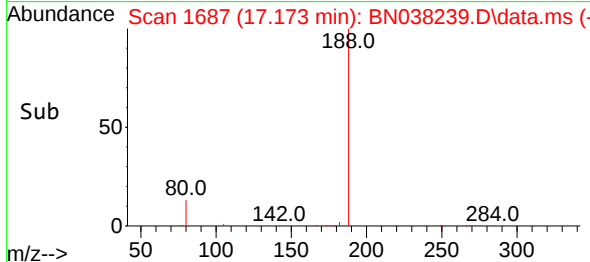
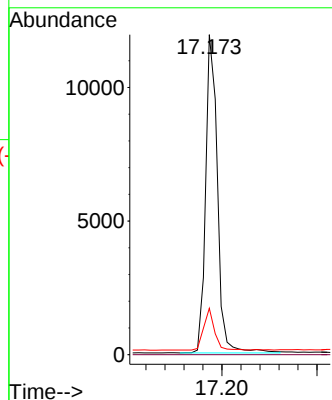
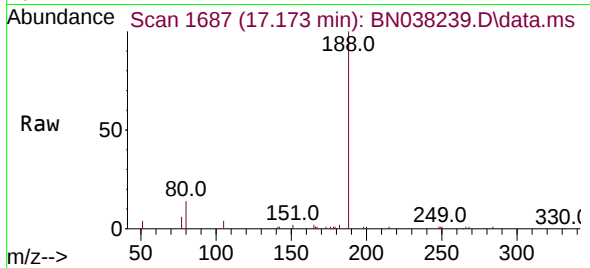




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN038239.D
Acq: 01 Dec 2025 23:17

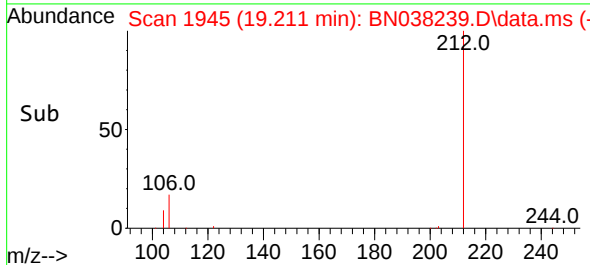
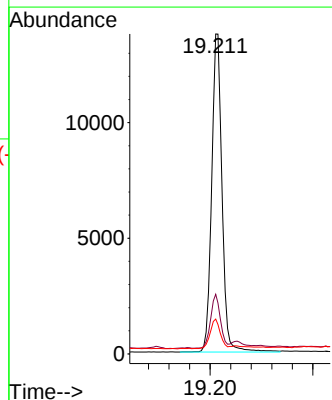
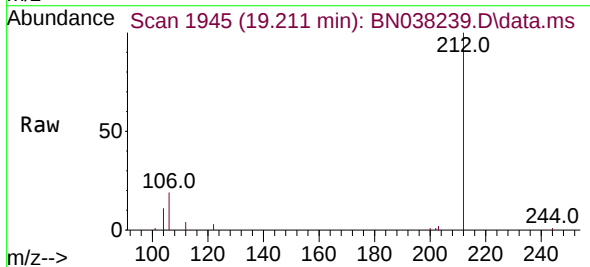
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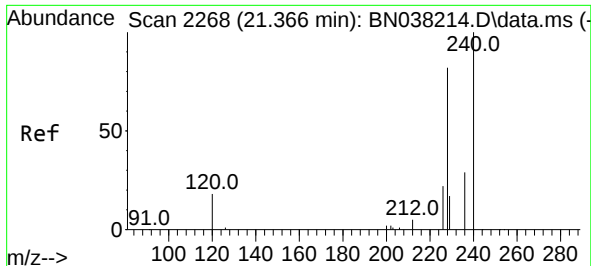
Tgt Ion:188 Resp: 20421
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.5 7.7 11.5#



#27
Fluoranthene-d10
Concen: 0.437 ng
RT: 19.211 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BN038239.D
Acq: 01 Dec 2025 23:17

Tgt Ion:212 Resp: 19349
Ion Ratio Lower Upper
212 100
106 16.0 12.7 19.1
104 9.1 7.3 10.9

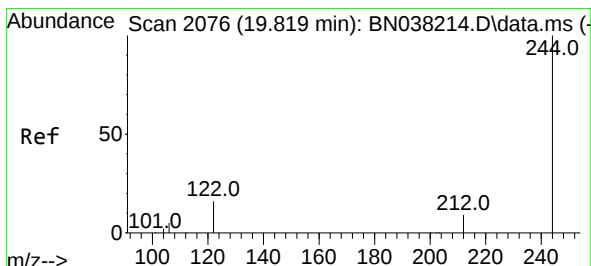
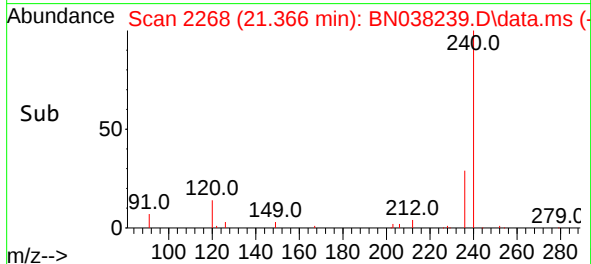
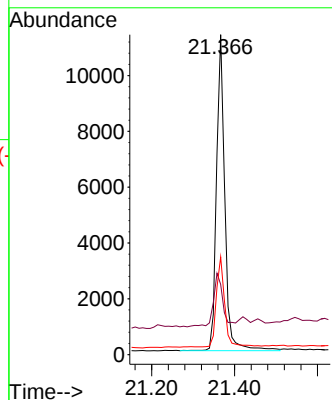
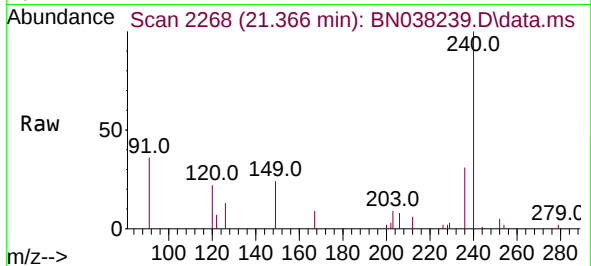




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.366 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038239.D
Acq: 01 Dec 2025 23:17

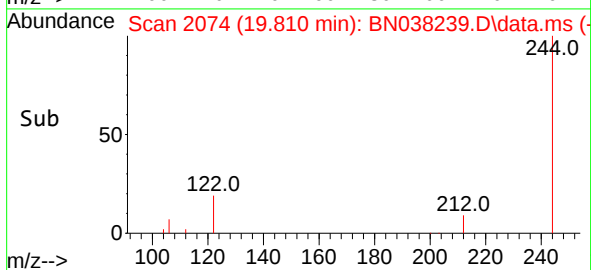
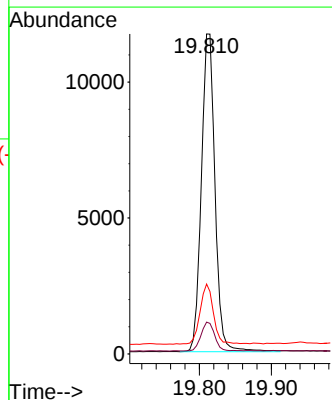
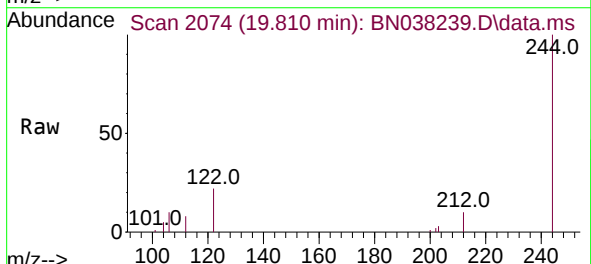
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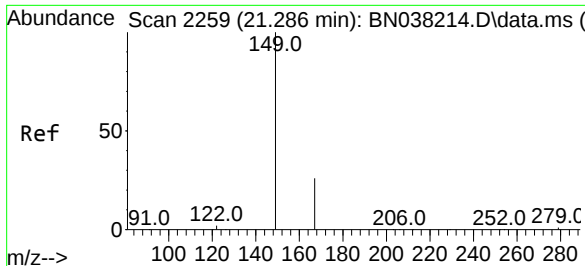
Tgt Ion:240 Resp: 15899
Ion Ratio Lower Upper
240 100
120 21.9 18.1 27.1
236 30.5 24.2 36.4



#31
Terphenyl-d14
Concen: 0.419 ng
RT: 19.810 min Scan# 2074
Delta R.T. -0.009 min
Lab File: BN038239.D
Acq: 01 Dec 2025 23:17

Tgt Ion:244 Resp: 15401
Ion Ratio Lower Upper
244 100
212 9.9 7.7 11.5
122 21.8 13.6 20.4#

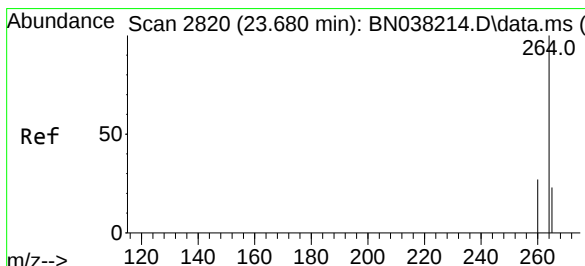
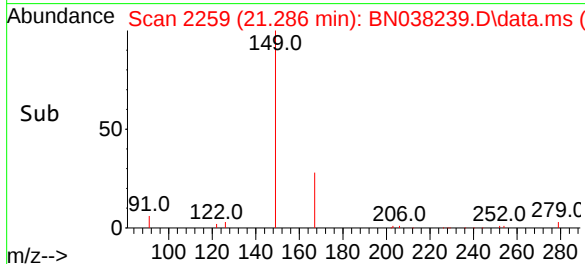
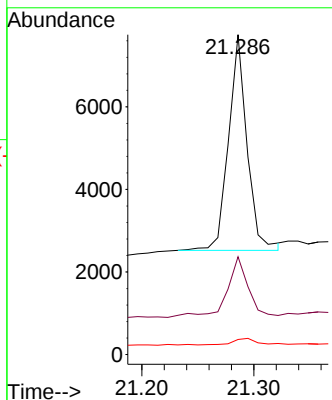
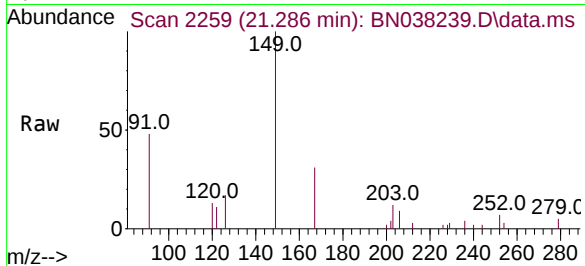




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.203 ng
 RT: 21.286 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: BN038239.D
 Acq: 01 Dec 2025 23:17

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20251118

Tgt Ion:149 Resp: 5994
 Ion Ratio Lower Upper
 149 100
 167 27.9 20.7 31.1
 279 4.3 2.5 3.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.671 min Scan# 2817
 Delta R.T. -0.009 min
 Lab File: BN038239.D
 Acq: 01 Dec 2025 23:17

Tgt Ion:264 Resp: 16933
 Ion Ratio Lower Upper
 264 100
 260 27.8 21.7 32.5
 265 89.8 98.0 147.0#

