

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
 Data File : BN038241.D
 Acq On : 02 Dec 2025 00:30
 Operator : RC/JU
 Sample : Q3691-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20251118

Quant Time: Dec 02 03:24:12 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)

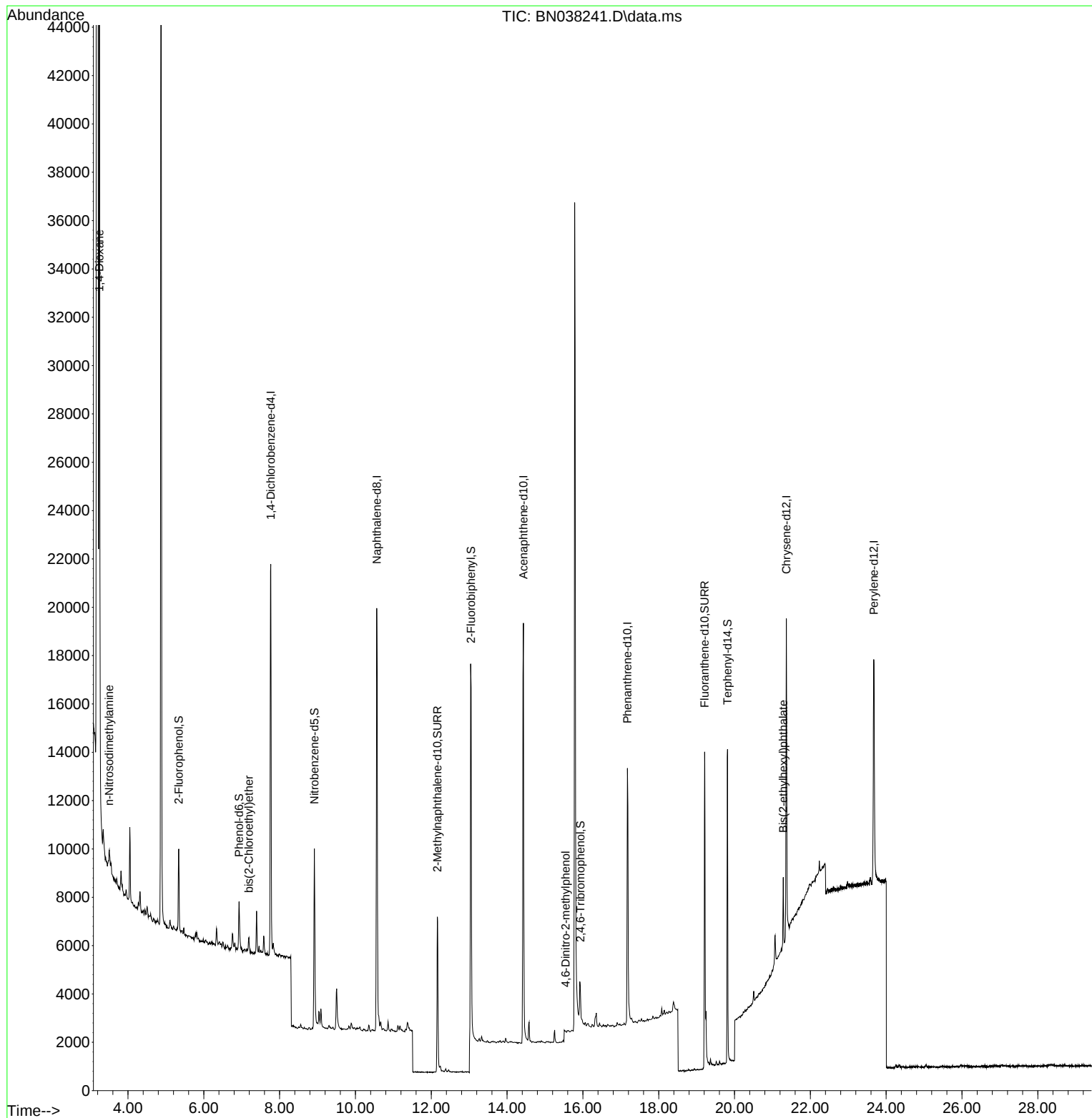
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	8461	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	24494	0.400	ng	#-0.01
13) Acenaphthene-d10	14.430	164	11341	0.400	ng	0.00
19) Phenanthrene-d10	17.173	188	17486	0.400	ng	#-0.01
29) Chrysene-d12	21.366	240	13270	0.400	ng	0.00
35) Perylene-d12	23.674	264	13889	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	2908	0.147	ng	0.00
5) Phenol-d6	6.930	99	1935	0.078	ng	0.00
8) Nitrobenzene-d5	8.918	82	6470	0.330	ng	0.00
11) 2-Methylnaphthalene-d10	12.162	152	9730	0.280	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1195	0.335	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	15875	0.362	ng	0.00
27) Fluoranthene-d10	19.211	212	15420	0.407	ng	0.00
31) Terphenyl-d14	19.815	244	12920	0.422	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	25773	2.892	ng	# 96
3) n-Nitrosodimethylamine	3.507	42	397	0.036	ng	# 1
6) bis(2-Chloroethyl)ether	7.190	93	503	0.021	ng	86
20) 4,6-Dinitro-2-methylph...	15.547	198	2	0.173	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.286	149	2690	0.109	ng	98

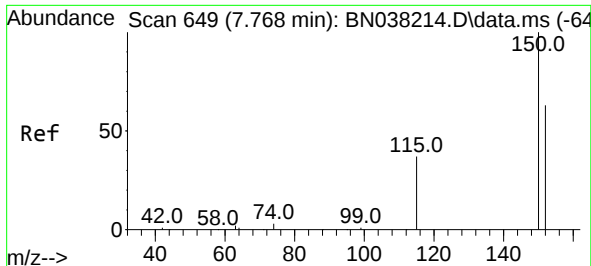
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RW7-SP100-20251118

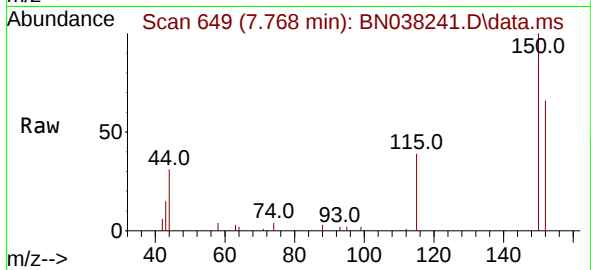
Quant Time: Dec 02 03:24:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 21:04:10 2025
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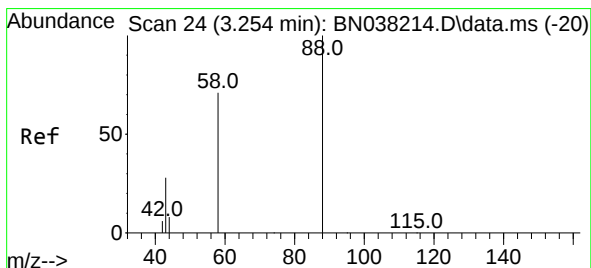
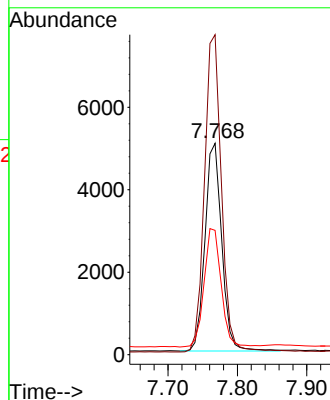
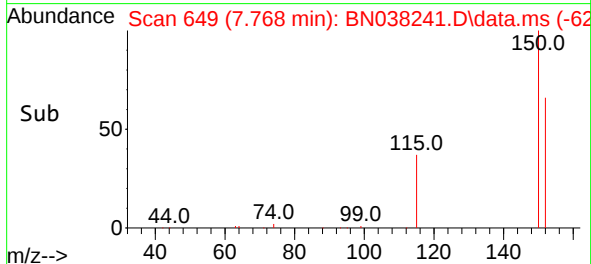


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.768 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN038241.D
 Acq: 02 Dec 2025 00:30

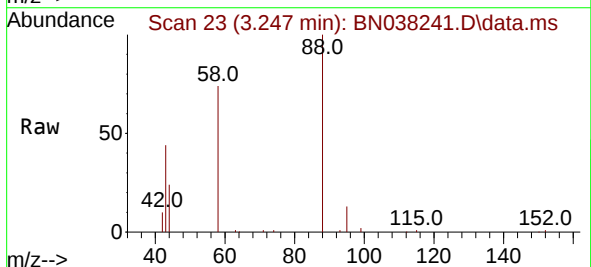
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20251118



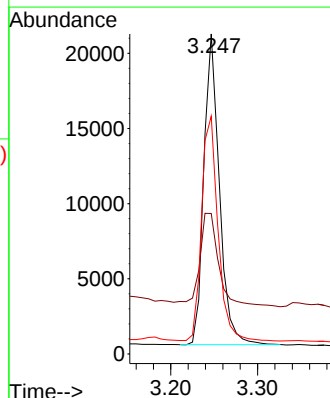
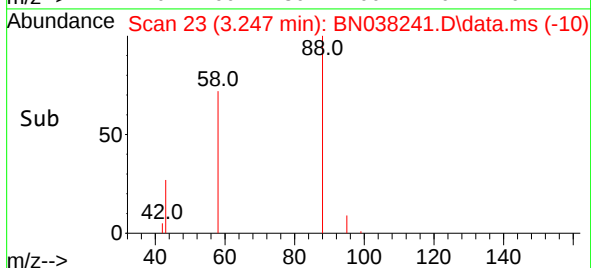
Tgt Ion:152 Resp: 8461
 Ion Ratio Lower Upper
 152 100
 150 151.4 125.3 187.9
 115 58.8 49.0 73.4

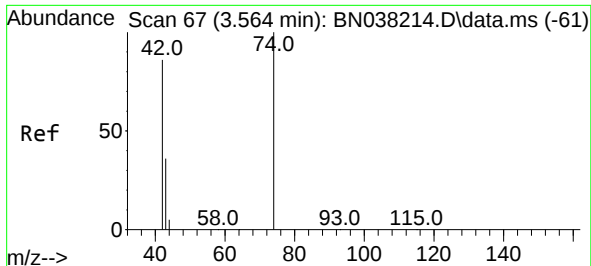


#2
 1,4-Dioxane
 Concen: 2.892 ng
 RT: 3.247 min Scan# 23
 Delta R.T. -0.007 min
 Lab File: BN038241.D
 Acq: 02 Dec 2025 00:30



Tgt Ion: 88 Resp: 25773
 Ion Ratio Lower Upper
 88 100
 43 37.5 24.8 37.2#
 58 76.7 61.1 91.7

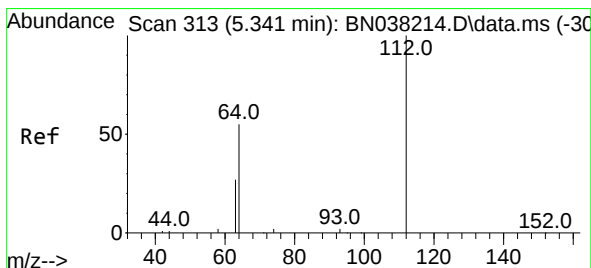
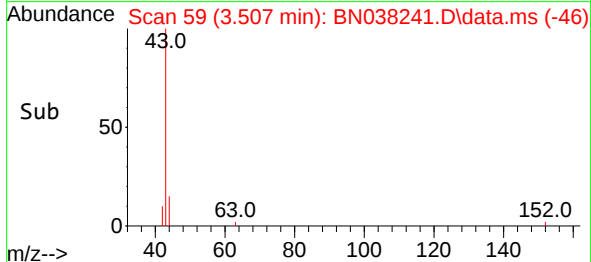
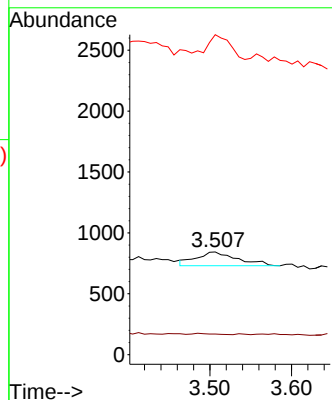
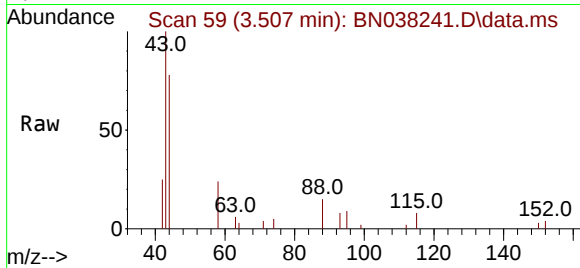




#3
 n-Nitrosodimethylamine
 Concen: 0.036 ng
 RT: 3.507 min Scan# 59
 Delta R.T. -0.058 min
 Lab File: BN038241.D
 Acq: 02 Dec 2025 00:30

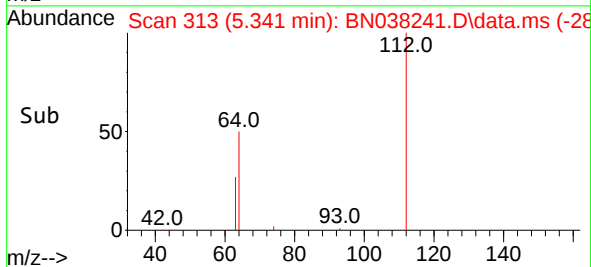
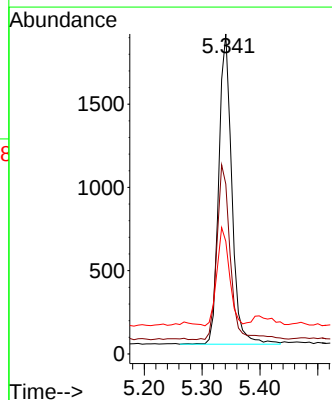
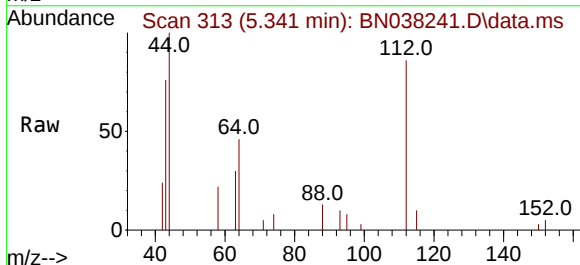
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20251118

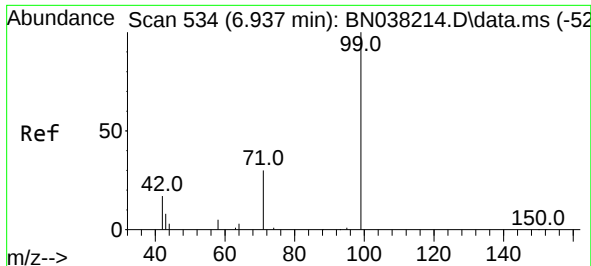
Tgt Ion: 42 Resp: 397
 Ion Ratio Lower Upper
 42 100
 74 0.0 96.2 144.2#
 44 85.9 8.0 12.0#



#4
 2-Fluorophenol
 Concen: 0.147 ng
 RT: 5.341 min Scan# 313
 Delta R.T. 0.000 min
 Lab File: BN038241.D
 Acq: 02 Dec 2025 00:30

Tgt Ion: 112 Resp: 2908
 Ion Ratio Lower Upper
 112 100
 64 57.7 45.0 67.4
 63 30.2 23.2 34.8

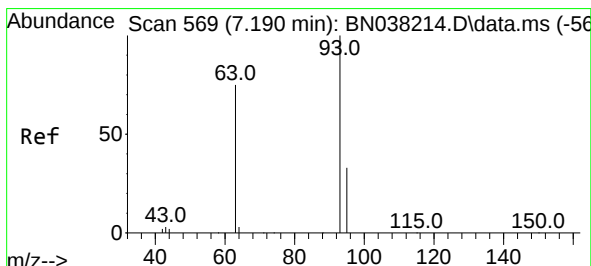
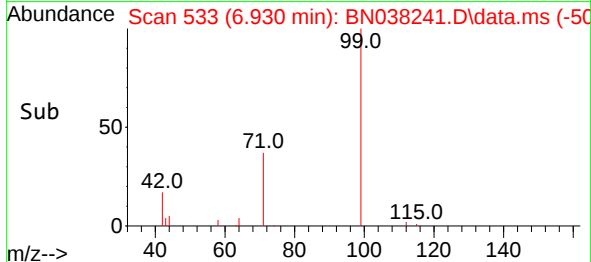
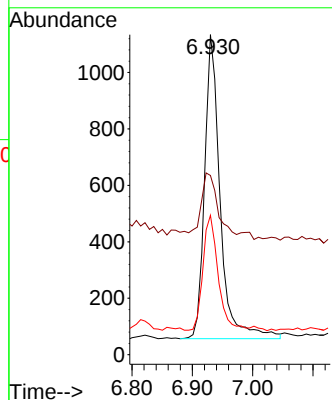
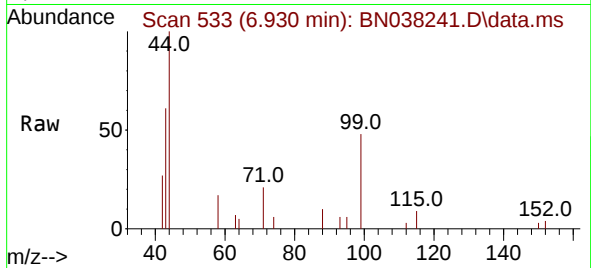




#5
Phenol-d6
Concen: 0.078 ng
RT: 6.930 min Scan# 511
Delta R.T. -0.007 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

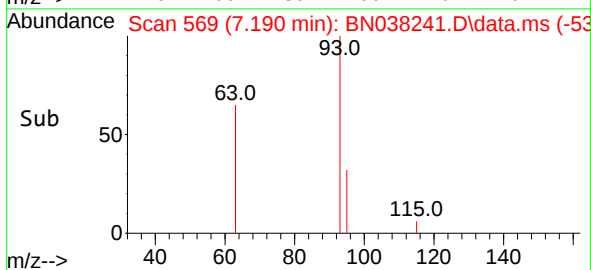
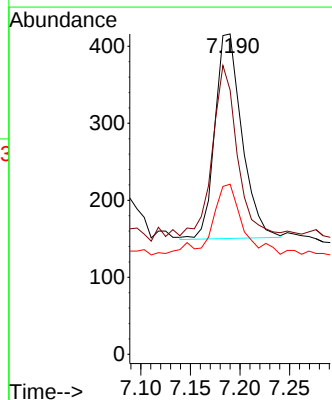
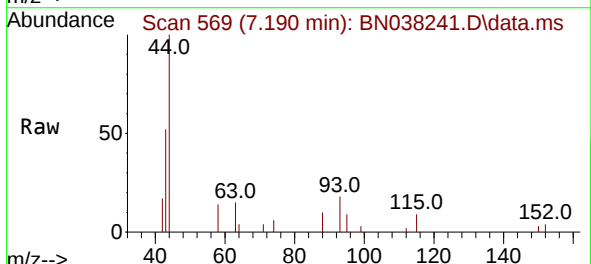
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20251118

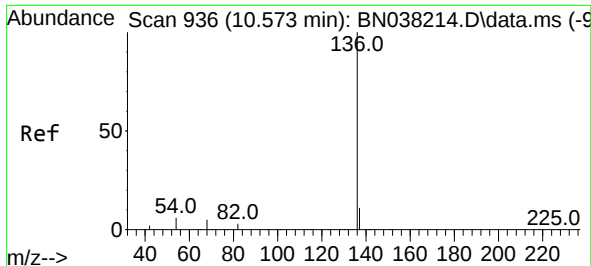
Tgt Ion:	99	Resp:	1935
Ion	Ratio	Lower	Upper
99	100		
42	19.8	17.0	25.6
71	36.6	25.4	38.2



#6
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.190 min Scan# 569
Delta R.T. 0.000 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

Tgt Ion:	93	Resp:	503
Ion	Ratio	Lower	Upper
93	100		
63	85.7	58.1	87.1
95	37.2	25.1	37.7

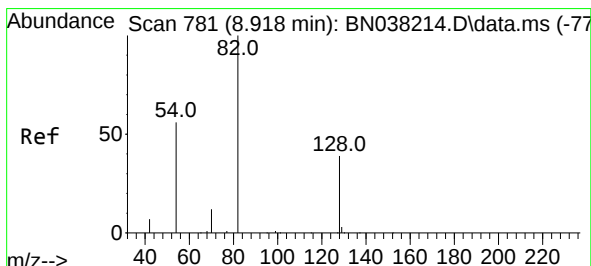
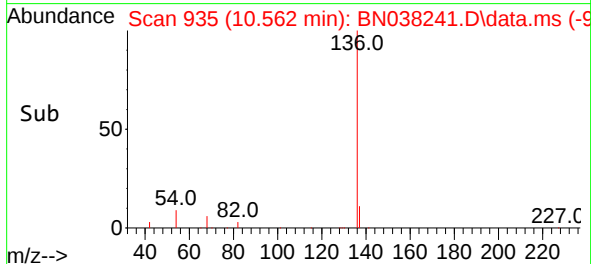
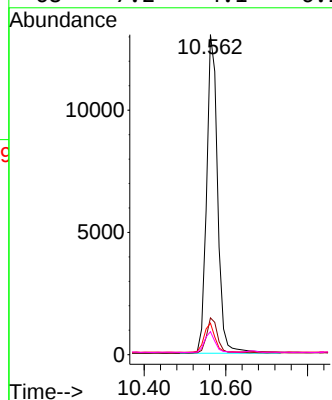
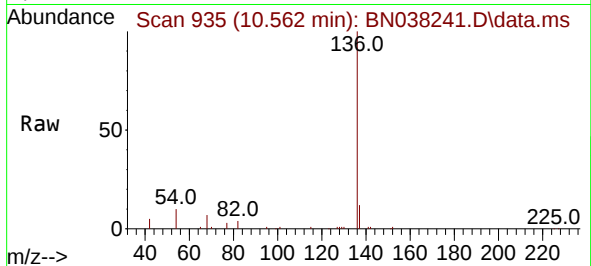




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

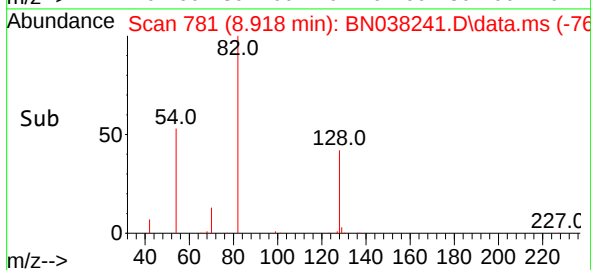
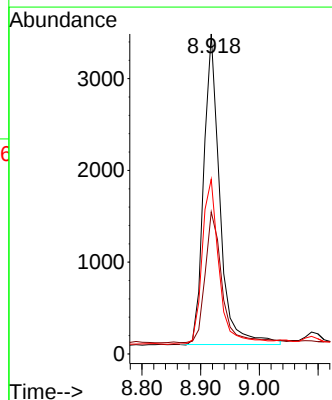
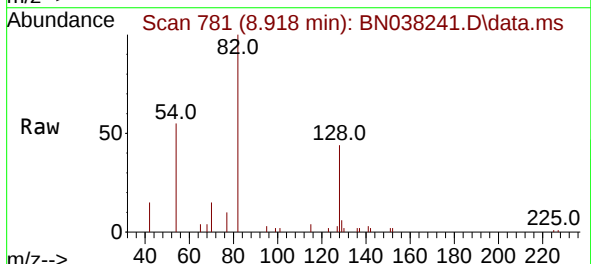
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20251118

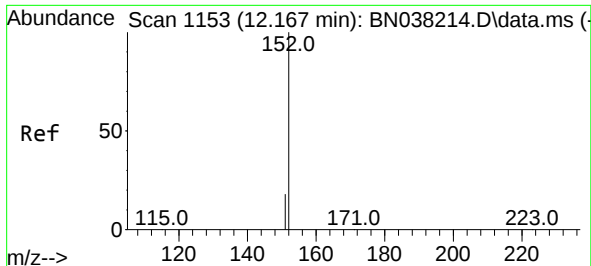
Tgt Ion:	136	Resp:	24494
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.9	13.3
54	9.9	5.4	8.0#
68	7.2	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.330 ng
RT: 8.918 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

Tgt Ion:	82	Resp:	6470
Ion Ratio	Lower	Upper	
82	100		
128	44.4	32.6	48.8
54	54.6	45.4	68.0

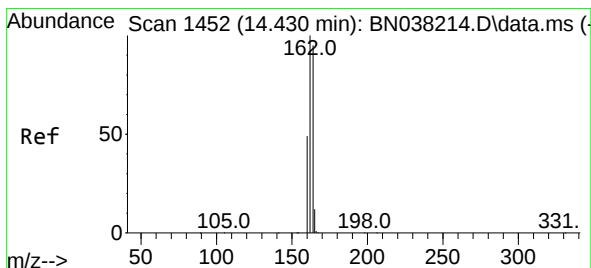
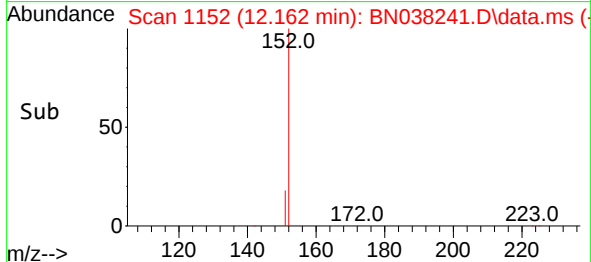
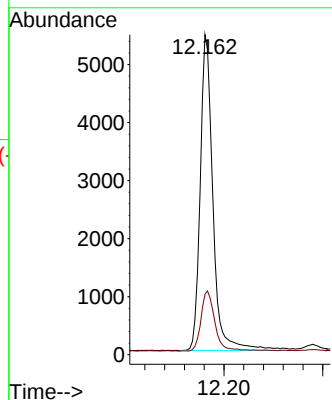
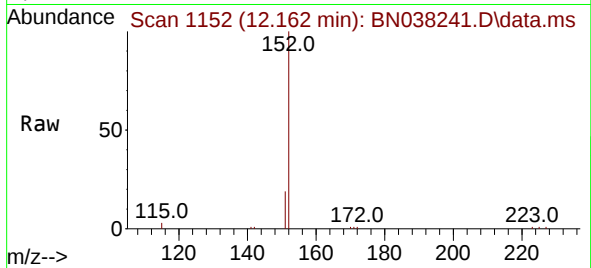




#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 12.162 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

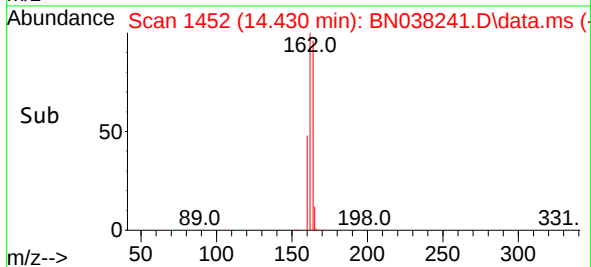
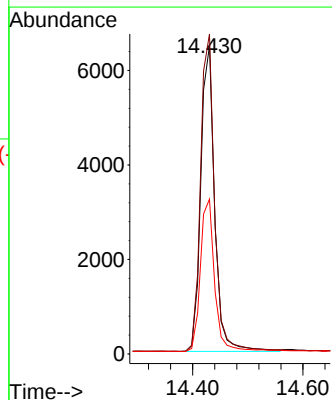
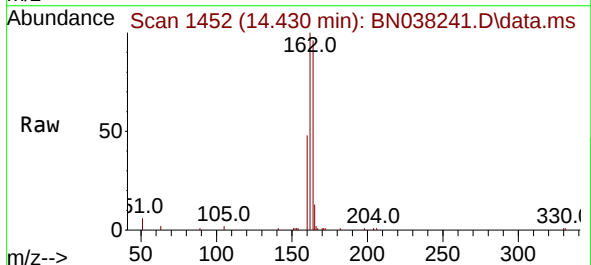
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20251118

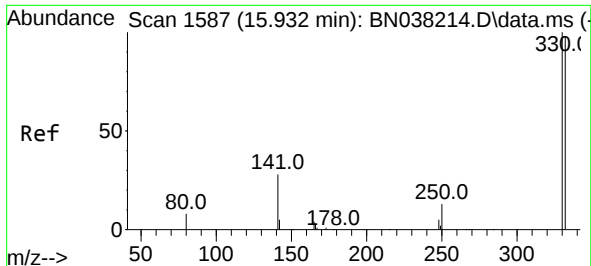
Tgt Ion:152 Resp: 9730
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

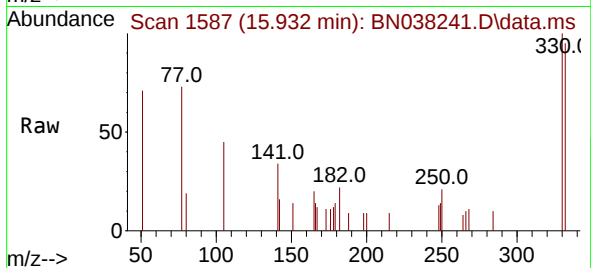
Tgt Ion:164 Resp: 11341
Ion Ratio Lower Upper
164 100
162 103.8 83.8 125.8
160 50.2 41.6 62.4



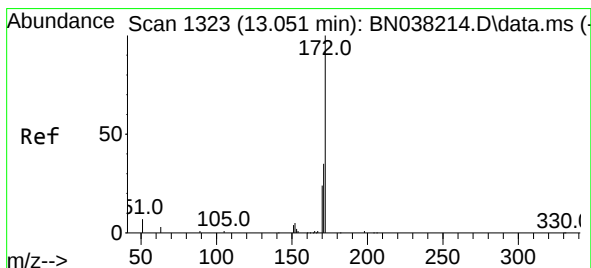
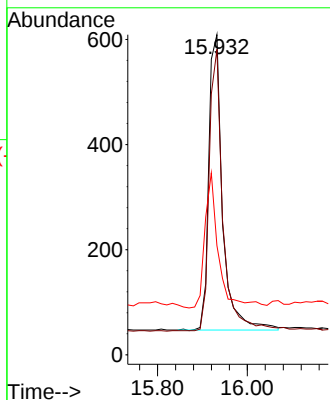
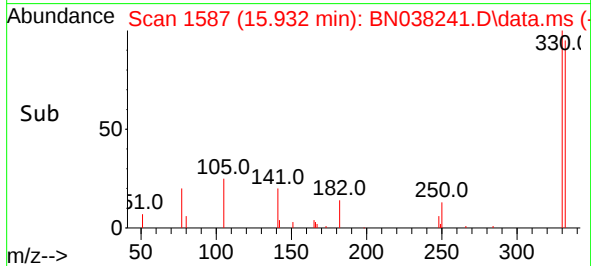


#14
2,4,6-Tribromophenol
Concen: 0.335 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

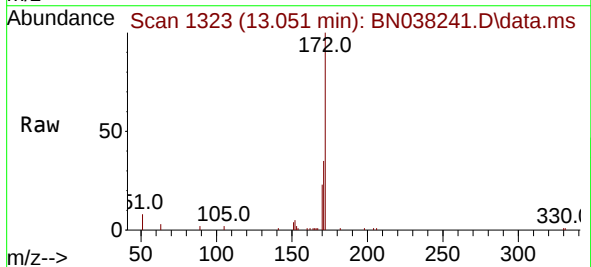
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20251118



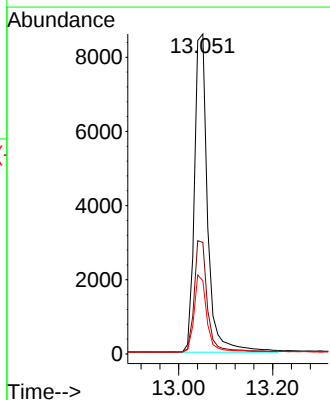
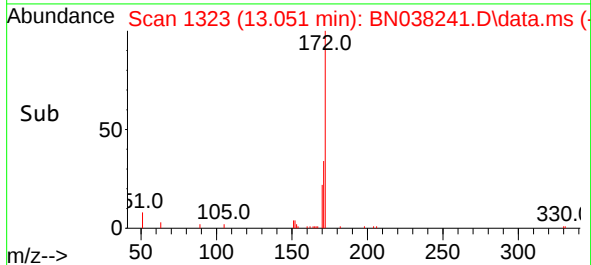
Tgt Ion:330 Resp: 1195
Ion Ratio Lower Upper
330 100
332 93.6 77.8 116.6
141 45.0 33.0 49.4

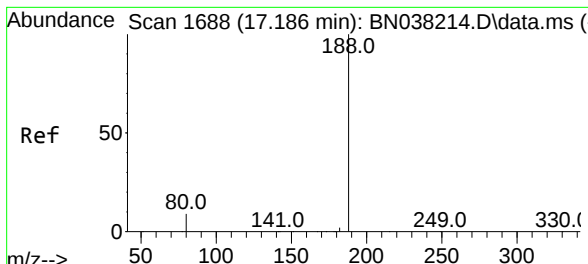


#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30



Tgt Ion:172 Resp: 15875
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 22.9 19.1 28.7

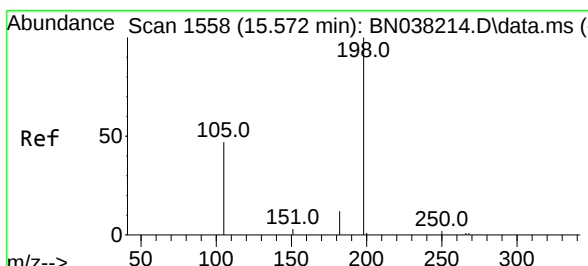
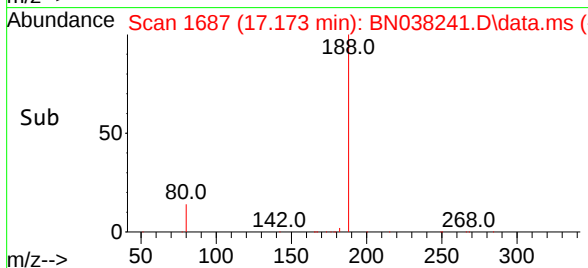
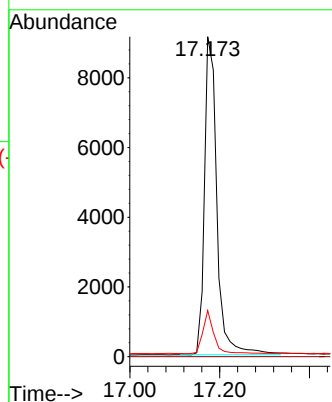
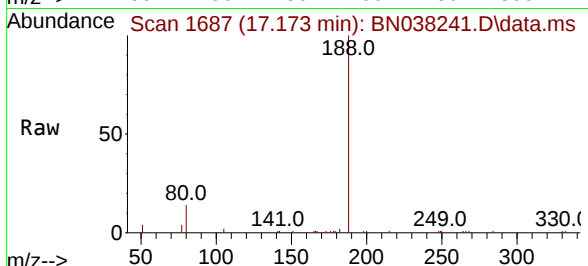




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.173 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

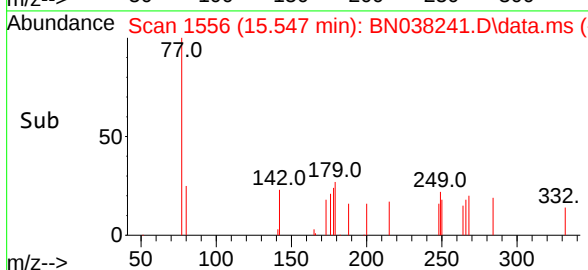
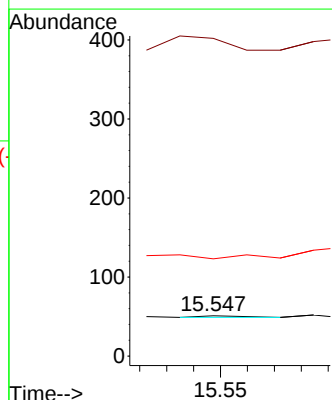
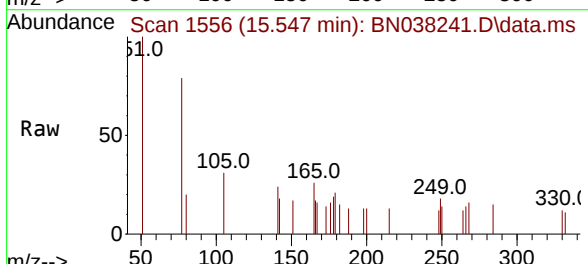
Instrument :
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RW7-SP100-20251118

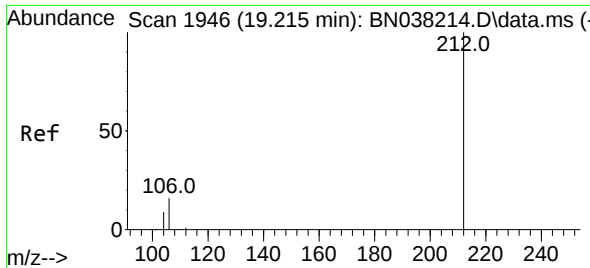
Tgt Ion:188 Resp: 17486
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 7.7 11.5#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.173 ng
RT: 15.547 min Scan# 1556
Delta R.T. -0.025 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 788.2 205.1 307.7#
105 241.2 61.6 92.4#

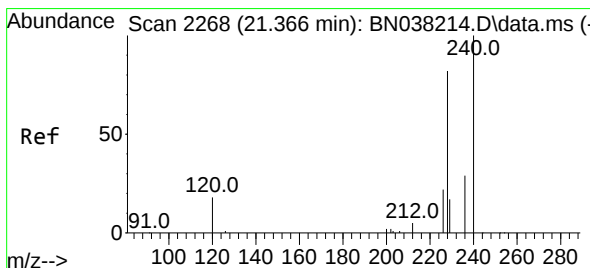
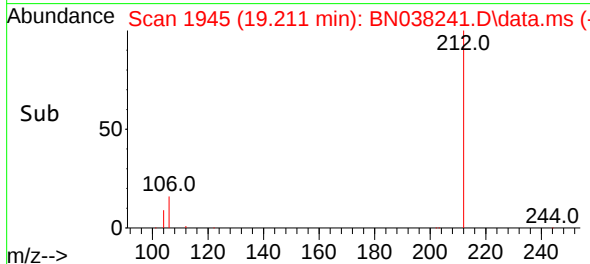
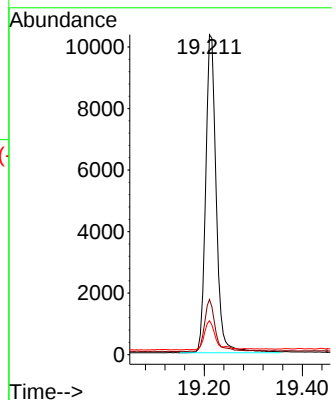
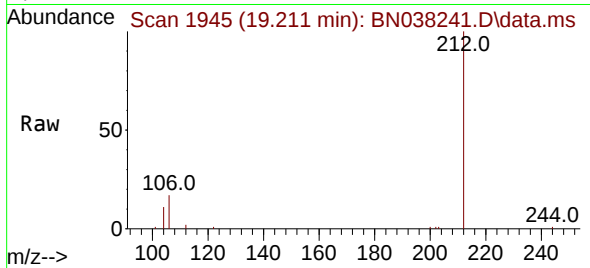




#27
Fluoranthene-d10
Concen: 0.407 ng
RT: 19.211 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

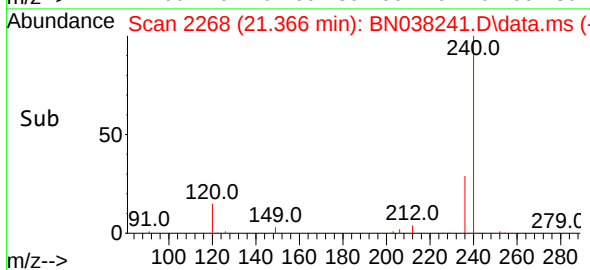
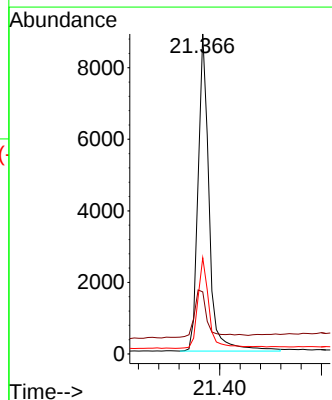
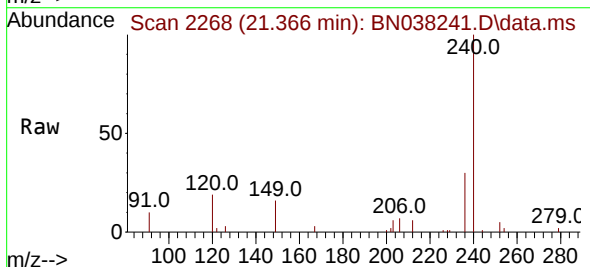
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20251118

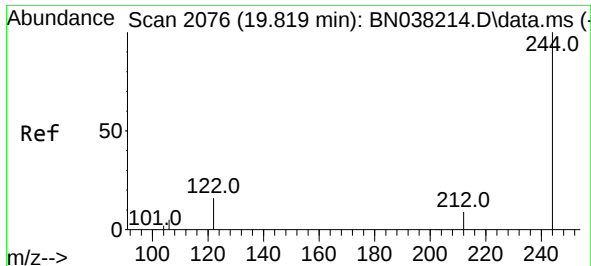
Tgt Ion:212 Resp: 15420
Ion Ratio Lower Upper
212 100
106 16.7 12.7 19.1
104 8.9 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.366 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

Tgt Ion:240 Resp: 13270
Ion Ratio Lower Upper
240 100
120 19.4 18.1 27.1
236 30.1 24.2 36.4

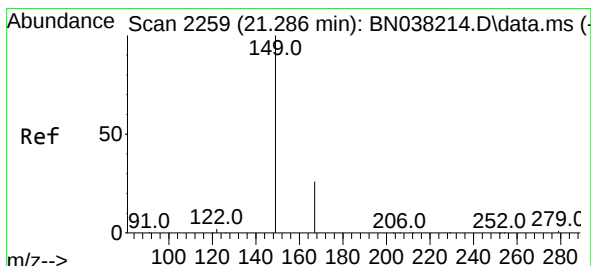
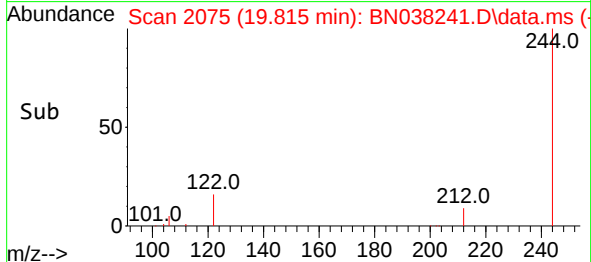
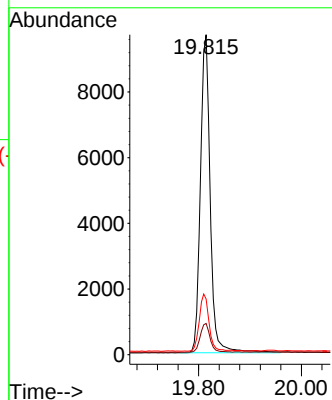
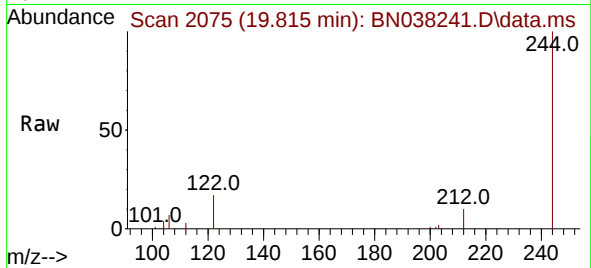




#31
 Terphenyl-d14
 Concen: 0.422 ng
 RT: 19.815 min Scan# 2076
 Delta R.T. -0.005 min
 Lab File: BN038241.D
 Acq: 02 Dec 2025 00:30

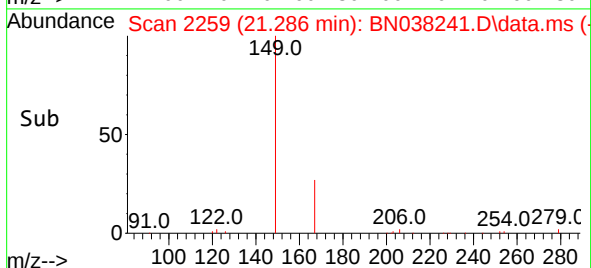
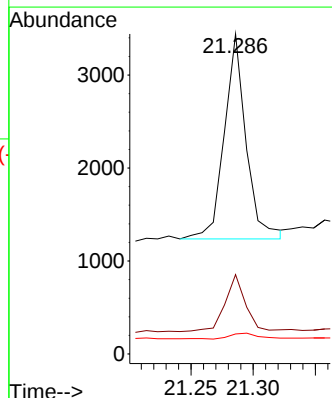
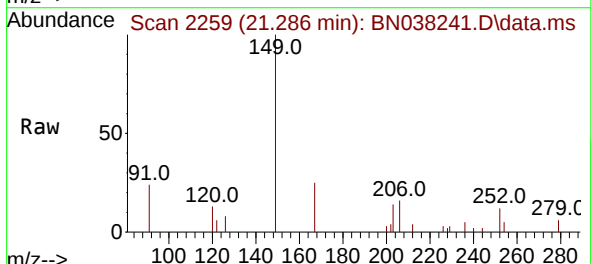
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20251118

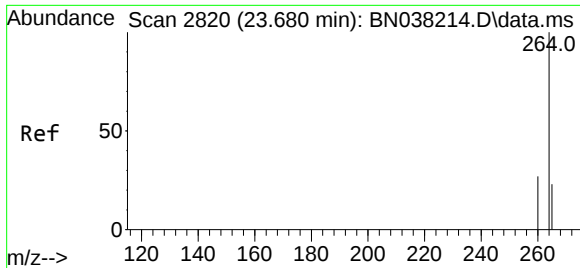
Tgt Ion:244 Resp: 12920
 Ion Ratio Lower Upper
 244 100
 212 9.7 7.7 11.5
 122 17.4 13.6 20.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.109 ng
 RT: 21.286 min Scan# 2259
 Delta R.T. 0.000 min
 Lab File: BN038241.D
 Acq: 02 Dec 2025 00:30

Tgt Ion:149 Resp: 2690
 Ion Ratio Lower Upper
 149 100
 167 26.7 20.7 31.1
 279 3.7 2.5 3.7





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.674 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN038241.D

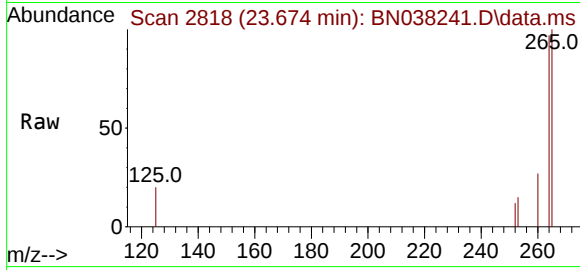
Acq: 02 Dec 2025 00:30

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20251118



Tgt Ion:264 Resp: 13889

Ion Ratio Lower Upper

264 100

260 27.6 21.7 32.5

265 103.2 98.0 147.0

