

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
 Data File : BN038247.D
 Acq On : 02 Dec 2025 04:08
 Operator : RC/JU
 Sample : Q3692-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20251118

Quant Time: Dec 02 04:35:14 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)

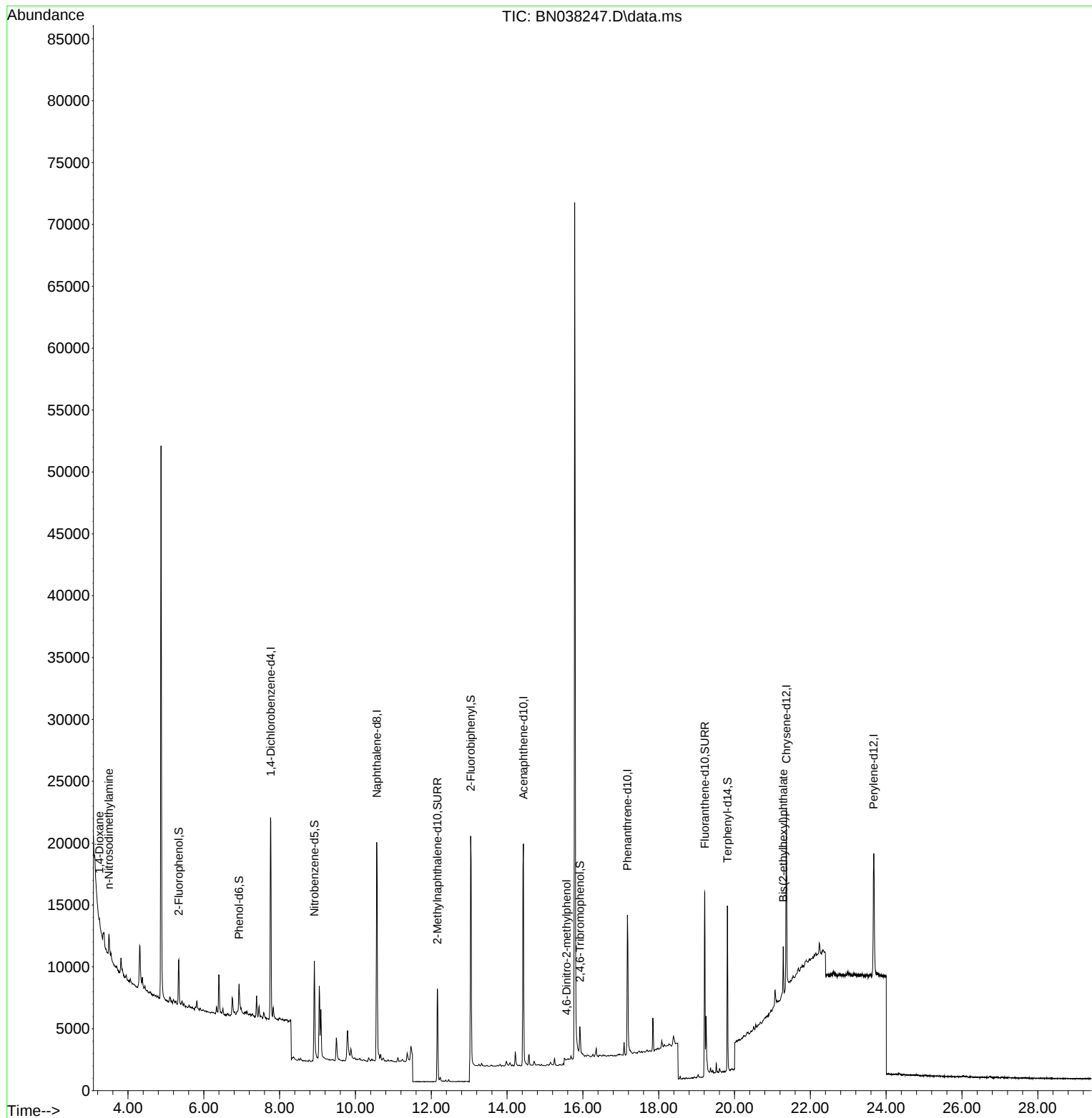
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	8471	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	24467	0.400	ng	#-0.01
13) Acenaphthene-d10	14.430	164	11133	0.400	ng	0.00
19) Phenanthrene-d10	17.173	188	17137	0.400	ng	#-0.01
29) Chrysene-d12	21.366	240	13919	0.400	ng	0.00
35) Perylene-d12	23.671	264	14663	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	3110	0.157	ng	0.00
5) Phenol-d6	6.930	99	2084	0.084	ng	0.00
8) Nitrobenzene-d5	8.918	82	6829	0.349	ng	0.00
11) 2-Methylnaphthalene-d10	12.162	152	10619	0.306	ng	0.00
14) 2,4,6-Tribromophenol	15.920	330	1388	0.396	ng	-0.01
15) 2-Fluorobiphenyl	13.040	172	16634	0.387	ng	-0.01
27) Fluoranthene-d10	19.215	212	16582	0.446	ng	0.00
31) Terphenyl-d14	19.815	244	12878	0.401	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	489	0.055	ng	# 34
3) n-Nitrosodimethylamine	3.499	42	741	0.067	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.572	198	4	0.174	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.286	149	3405	0.132	ng	97

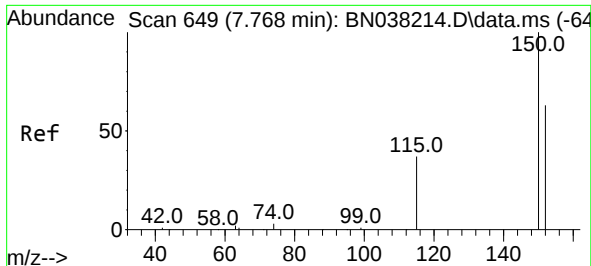
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
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RW5-SP303-20251118

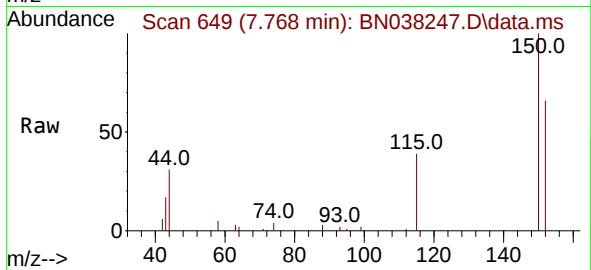
Quant Time: Dec 02 04:35:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
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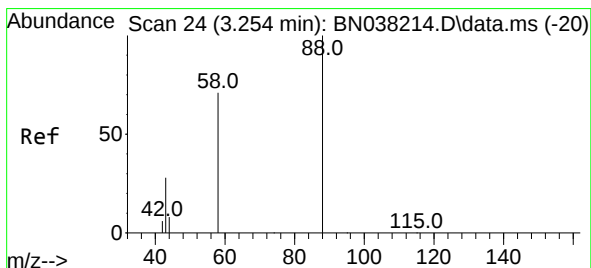
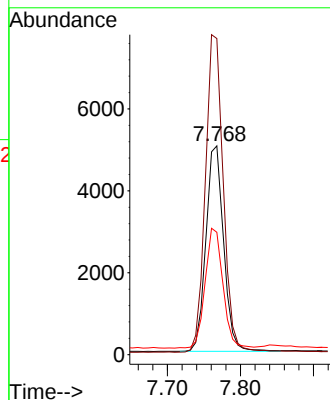
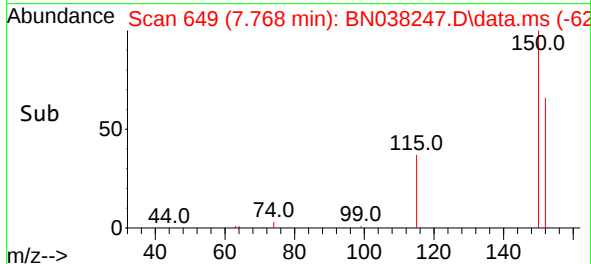


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.768 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN038247.D
 Acq: 02 Dec 2025 04:08

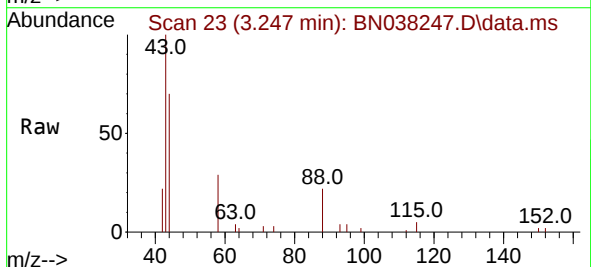
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20251118



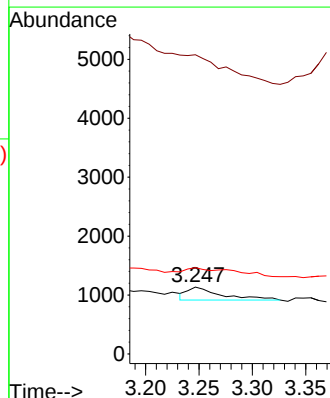
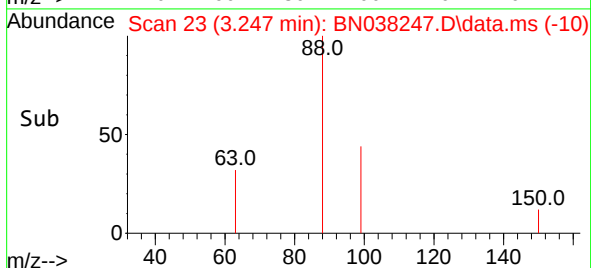
Tgt Ion:152 Resp: 8471
 Ion Ratio Lower Upper
 152 100
 150 151.4 125.3 187.9
 115 58.6 49.0 73.4

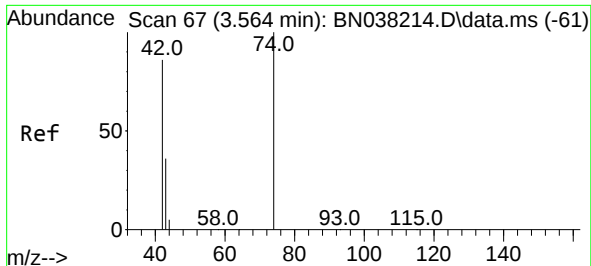


#2
 1,4-Dioxane
 Concen: 0.055 ng
 RT: 3.247 min Scan# 23
 Delta R.T. -0.007 min
 Lab File: BN038247.D
 Acq: 02 Dec 2025 04:08



Tgt Ion: 88 Resp: 489
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.8 37.2#
 58 16.2 61.1 91.7#

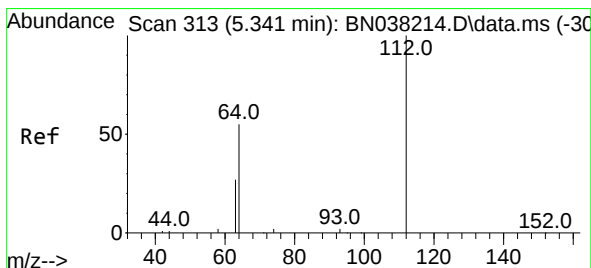
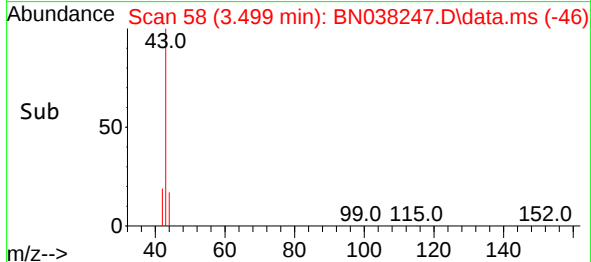
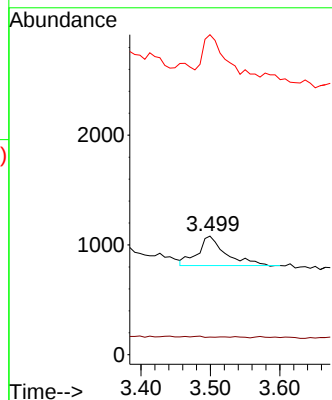
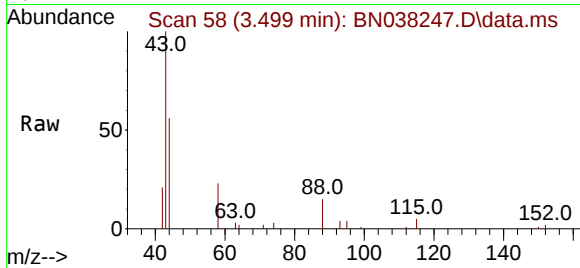




#3
 n-Nitrosodimethylamine
 Concen: 0.067 ng
 RT: 3.499 min Scan# 51
 Delta R.T. -0.065 min
 Lab File: BN038247.D
 Acq: 02 Dec 2025 04:08

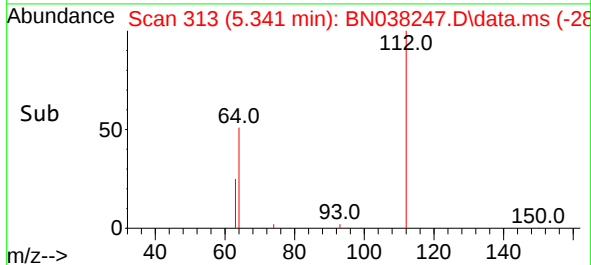
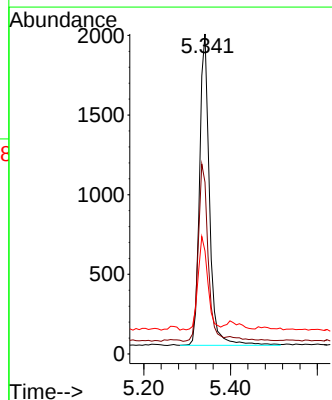
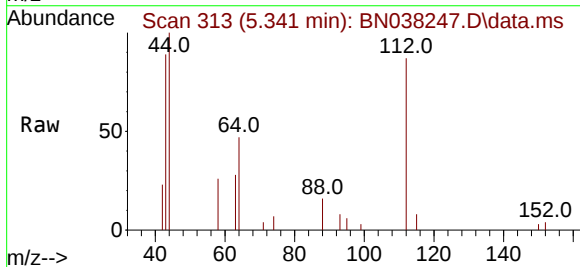
Instrument :
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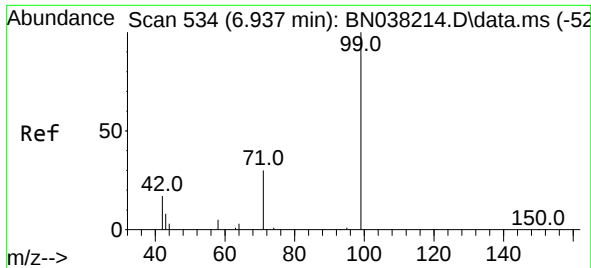
Tgt Ion: 42 Resp: 741
 Ion Ratio Lower Upper
 42 100
 74 0.0 96.2 144.2#
 44 113.1 8.0 12.0#



#4
 2-Fluorophenol
 Concen: 0.157 ng
 RT: 5.341 min Scan# 313
 Delta R.T. 0.000 min
 Lab File: BN038247.D
 Acq: 02 Dec 2025 04:08

Tgt Ion: 112 Resp: 3110
 Ion Ratio Lower Upper
 112 100
 64 56.3 45.0 67.4
 63 29.3 23.2 34.8

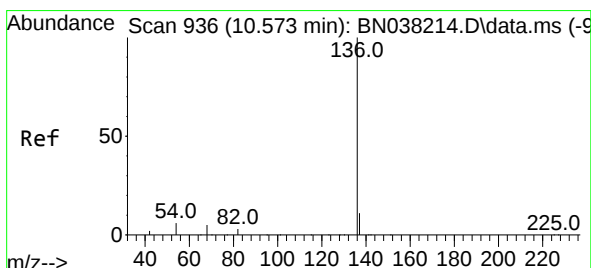
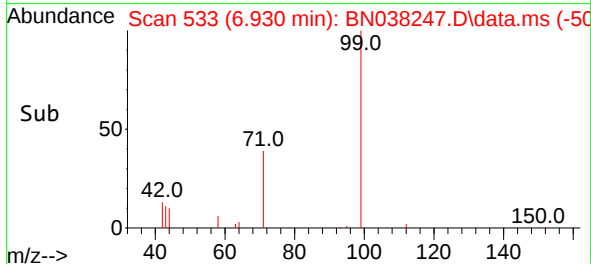
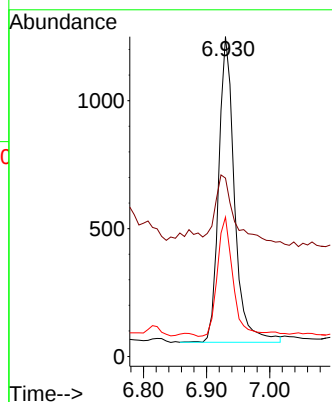
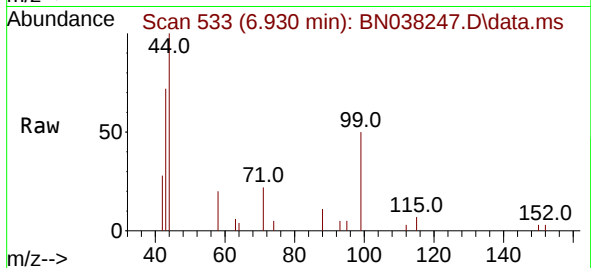




#5
Phenol-d6
Concen: 0.084 ng
RT: 6.930 min Scan# 511
Delta R.T. -0.007 min
Lab File: BN038247.D
Acq: 02 Dec 2025 04:08

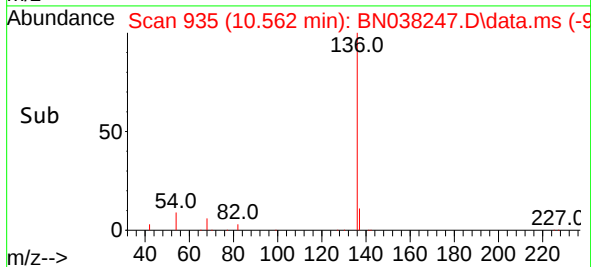
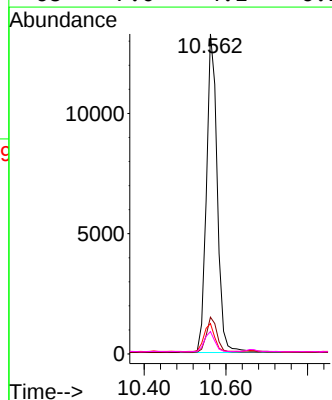
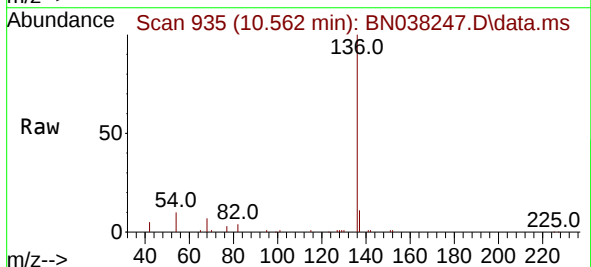
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20251118

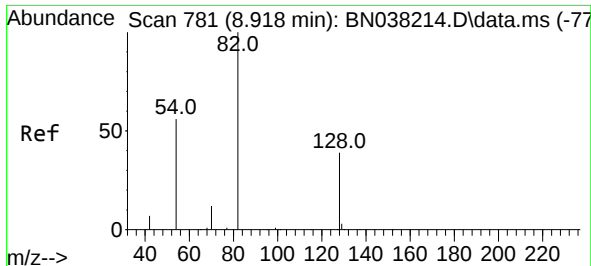
Tgt Ion: 99 Resp: 2084
Ion Ratio Lower Upper
99 100
42 29.8 17.0 25.6#
71 38.5 25.4 38.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.011 min
Lab File: BN038247.D
Acq: 02 Dec 2025 04:08

Tgt Ion: 136 Resp: 24467
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 9.5 5.4 8.0#
68 7.0 4.1 6.1#

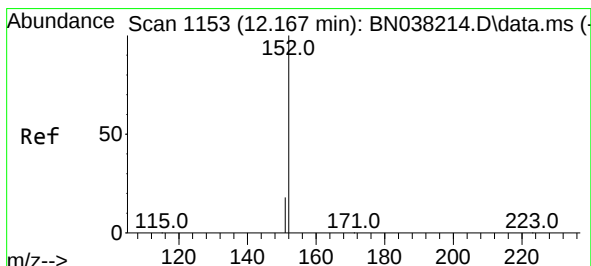
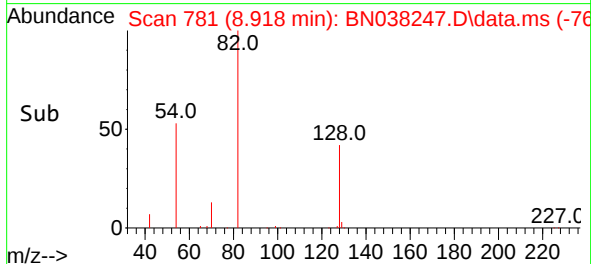
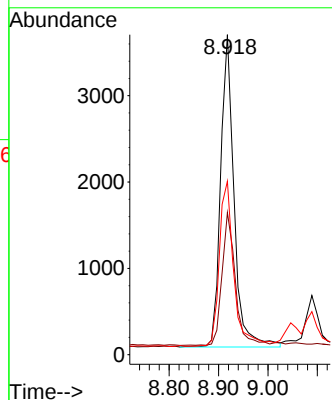
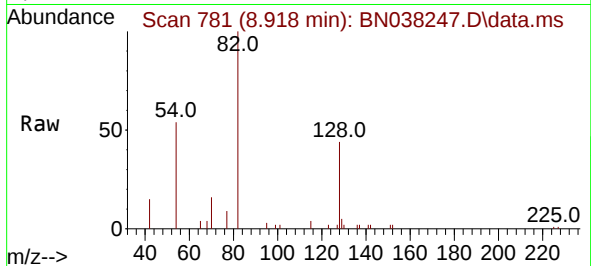




#8
 Nitrobenzene-d5
 Concen: 0.349 ng
 RT: 8.918 min Scan# 781
 Delta R.T. 0.000 min
 Lab File: BN038247.D
 Acq: 02 Dec 2025 04:08

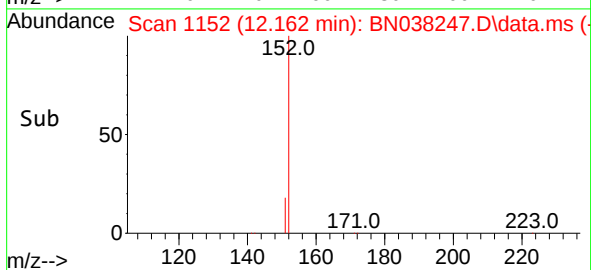
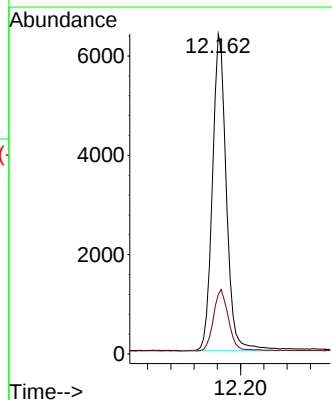
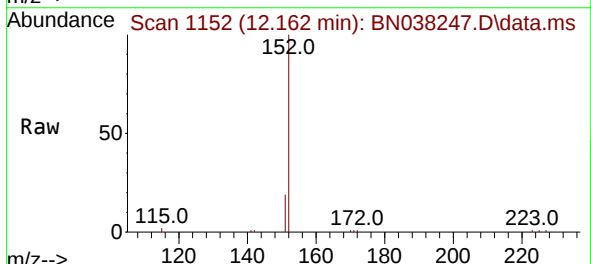
Instrument :
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 ClientSampleId :
 RW5-SP303-20251118

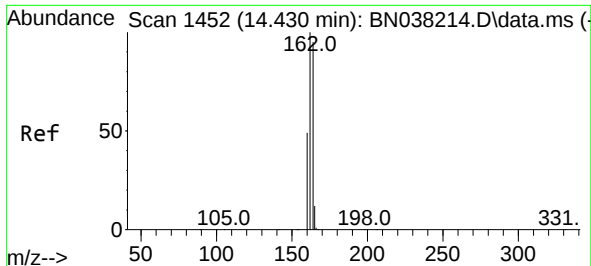
Tgt Ion:	82	Resp:	6829
Ion	Ratio	Lower	Upper
82	100		
128	44.4	32.6	48.8
54	54.2	45.4	68.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.306 ng
 RT: 12.162 min Scan# 1152
 Delta R.T. -0.005 min
 Lab File: BN038247.D
 Acq: 02 Dec 2025 04:08

Tgt Ion:	152	Resp:	10619
Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.7	25.1

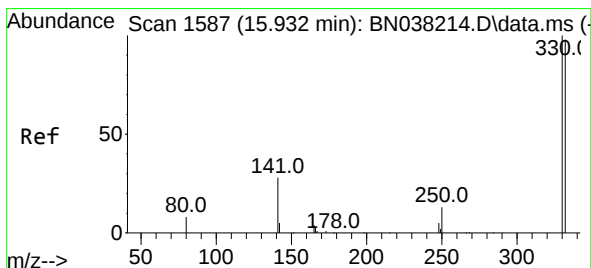
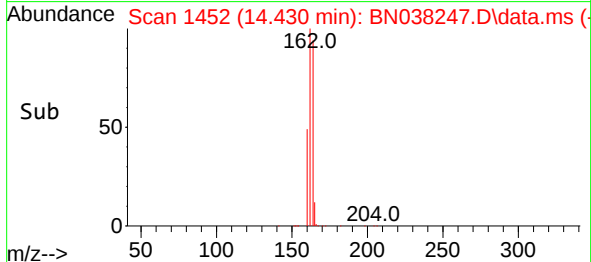
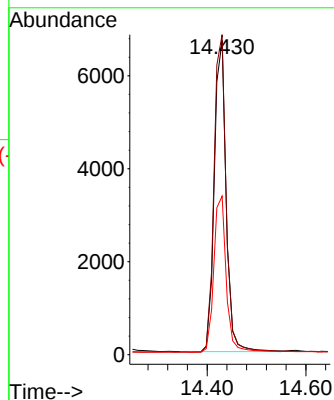
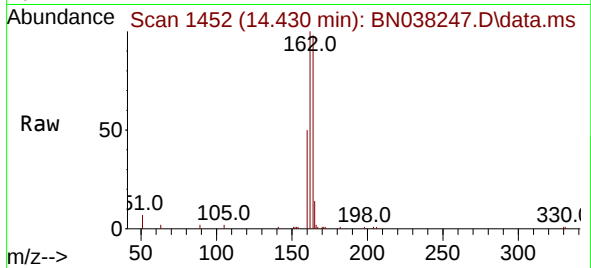




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN038247.D
Acq: 02 Dec 2025 04:08

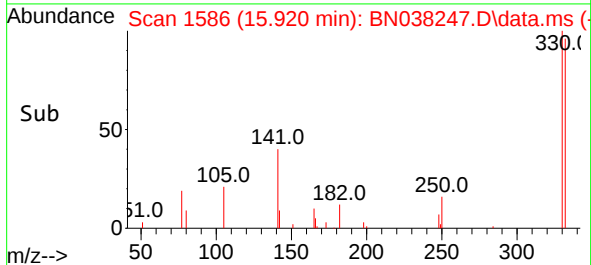
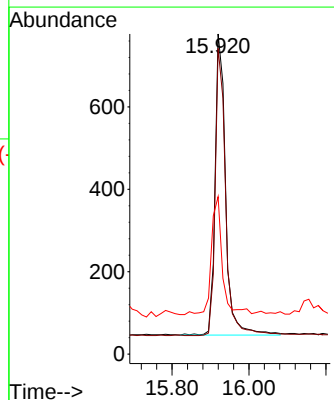
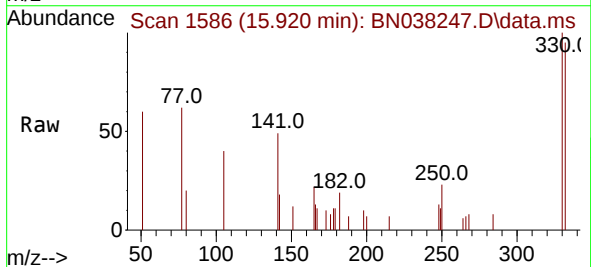
Instrument :
BNA_N
ClientSampleId :
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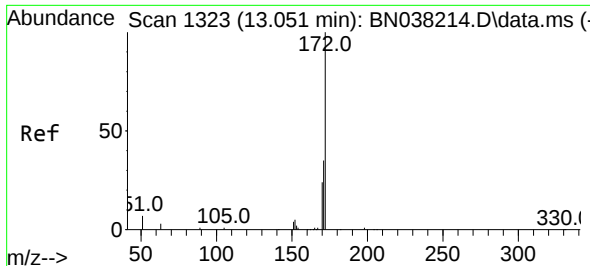
Tgt Ion:164 Resp: 11133
Ion Ratio Lower Upper
164 100
162 101.8 83.8 125.8
160 50.4 41.6 62.4



#14
2,4,6-Tribromophenol
Concen: 0.396 ng
RT: 15.920 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BN038247.D
Acq: 02 Dec 2025 04:08

Tgt Ion:330 Resp: 1388
Ion Ratio Lower Upper
330 100
332 94.3 77.8 116.6
141 41.5 33.0 49.4

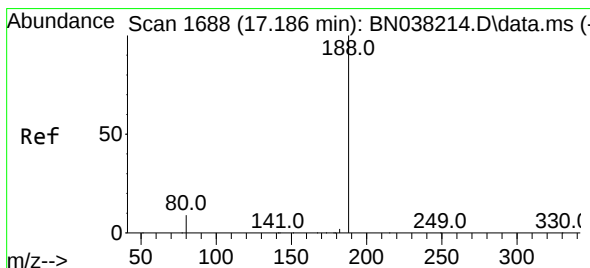
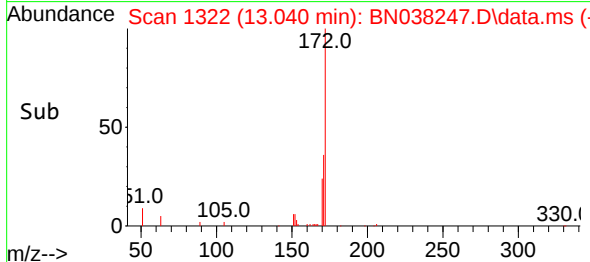
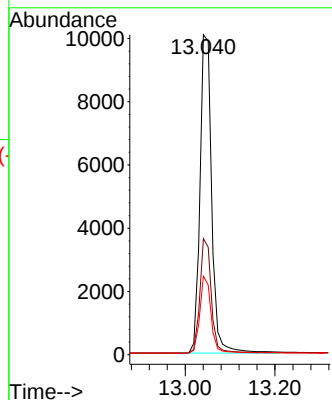
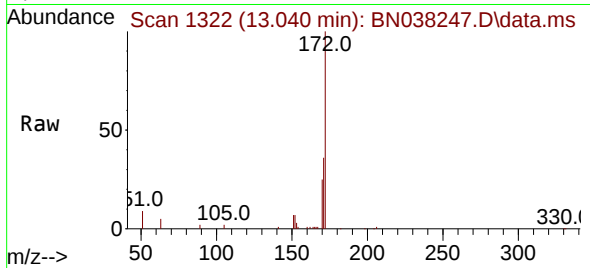




#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 13.040 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN038247.D
Acq: 02 Dec 2025 04:08

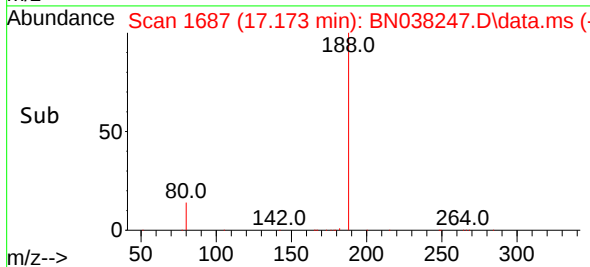
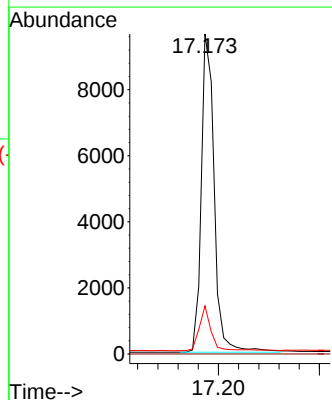
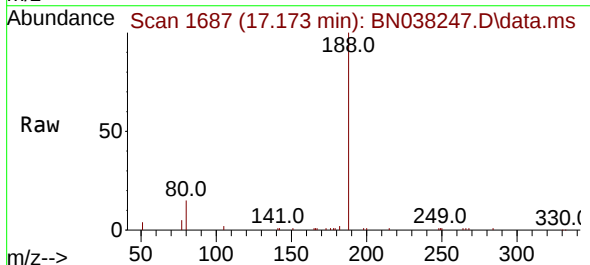
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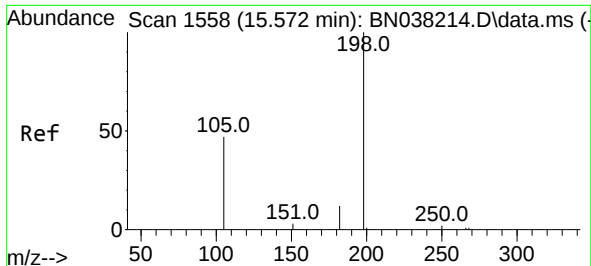
Tgt Ion:172 Resp: 16634
Ion Ratio Lower Upper
172 100
171 36.2 28.1 42.1
170 24.5 19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN038247.D
Acq: 02 Dec 2025 04:08

Tgt Ion:188 Resp: 17137
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.0 7.7 11.5#

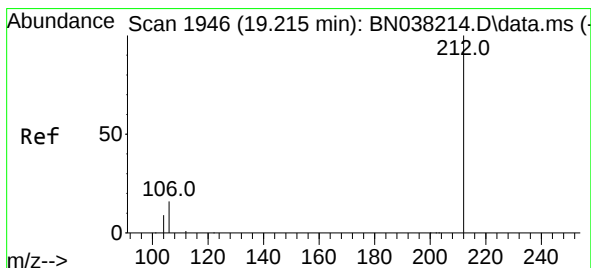
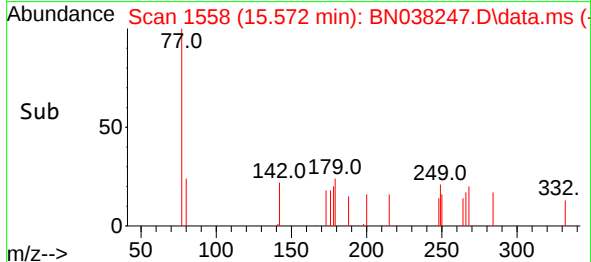
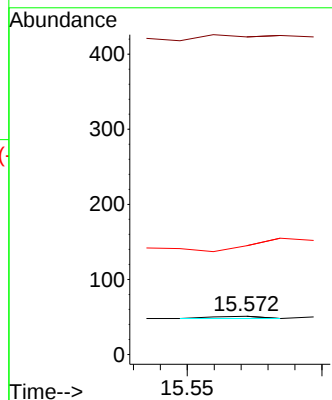
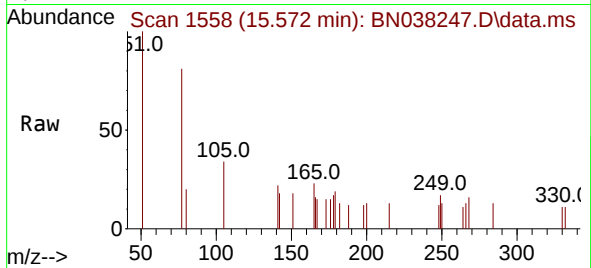




#20
4,6-Dinitro-2-methylphenol
Concen: 0.174 ng
RT: 15.572 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038247.D
Acq: 02 Dec 2025 04:08

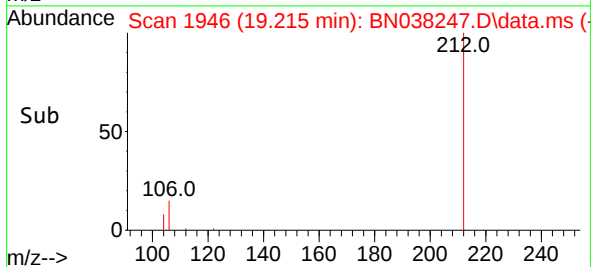
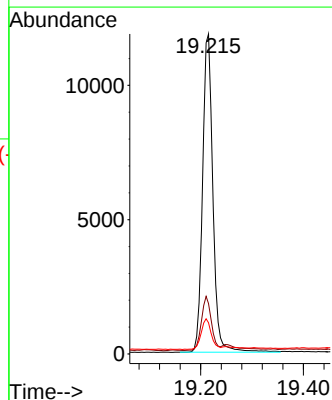
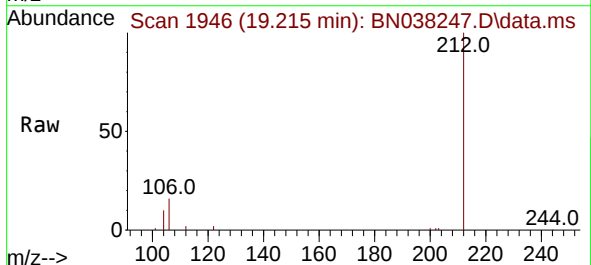
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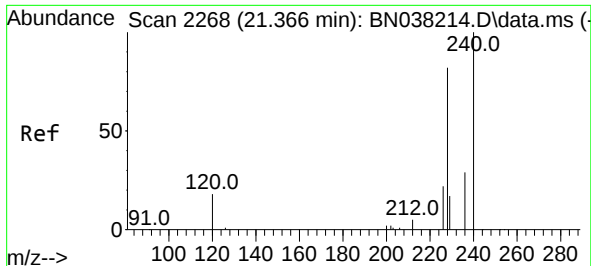
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 829.4 205.1 307.7#
105 284.3 61.6 92.4#



#27
Fluoranthene-d10
Concen: 0.446 ng
RT: 19.215 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BN038247.D
Acq: 02 Dec 2025 04:08

Tgt Ion:212 Resp: 16582
Ion Ratio Lower Upper
212 100
106 16.4 12.7 19.1
104 9.4 7.3 10.9

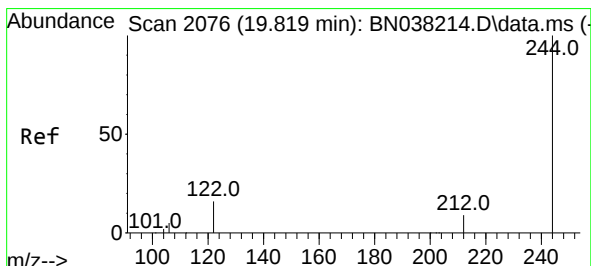
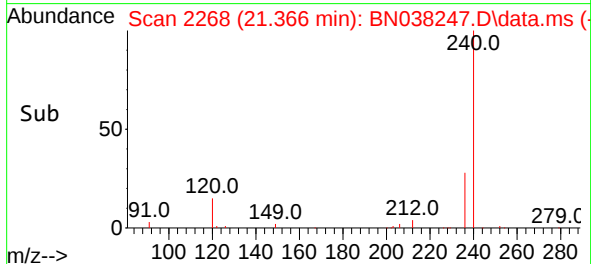
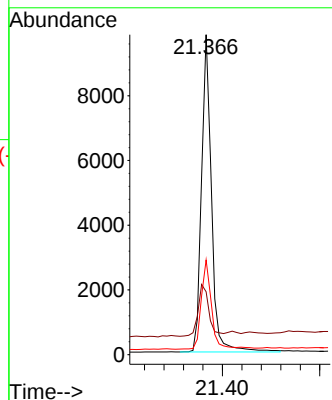
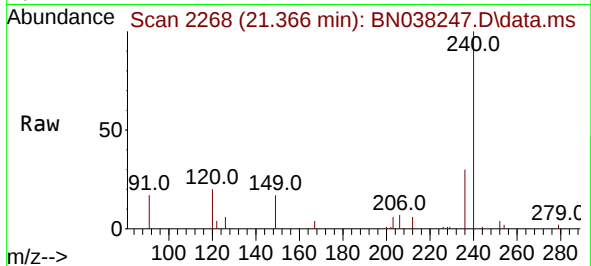




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.366 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038247.D
Acq: 02 Dec 2025 04:08

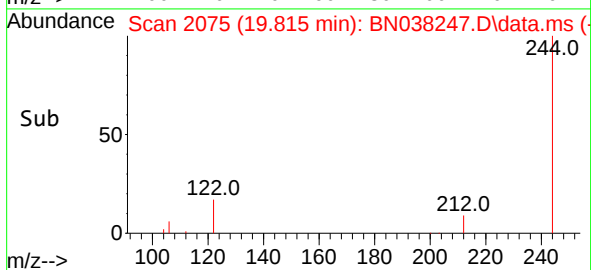
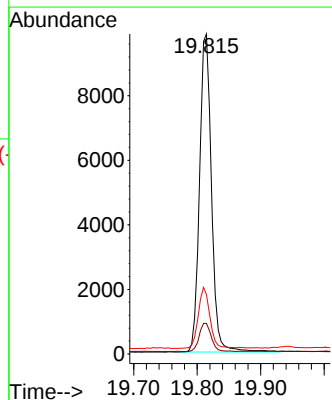
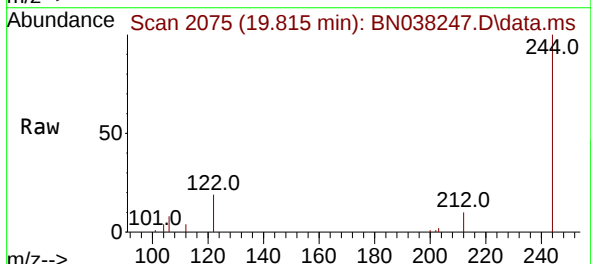
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20251118

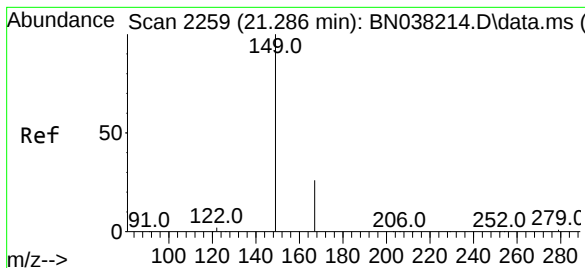
Tgt Ion:240 Resp: 13919
Ion Ratio Lower Upper
240 100
120 19.7 18.1 27.1
236 29.6 24.2 36.4



#31
Terphenyl-d14
Concen: 0.401 ng
RT: 19.815 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BN038247.D
Acq: 02 Dec 2025 04:08

Tgt Ion:244 Resp: 12878
Ion Ratio Lower Upper
244 100
212 9.6 7.7 11.5
122 18.6 13.6 20.4



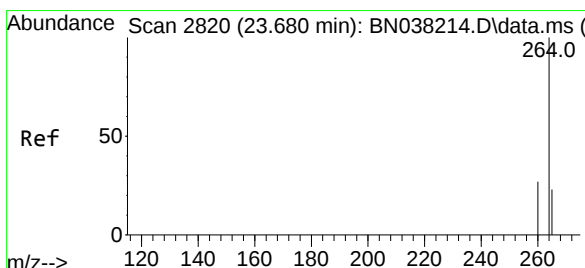
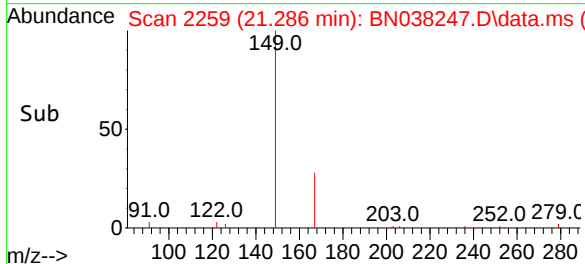
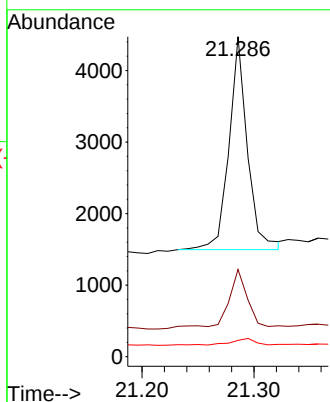
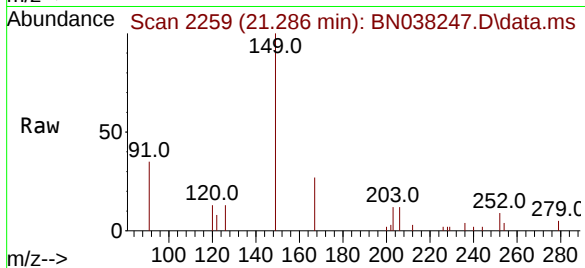


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.132 ng
 RT: 21.286 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: BN038247.D
 Acq: 02 Dec 2025 04:08

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20251118

Tgt Ion:149 Resp: 3405

Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.7	31.1
279	3.6	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: BN038247.D
 Acq: 02 Dec 2025 04:08

Tgt Ion:264 Resp: 14663

Ion	Ratio	Lower	Upper
264	100		
260	27.5	21.7	32.5
265	97.3	98.0	147.0#

