

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050725\
 Data File : BN036969.D
 Acq On : 07 May 2025 18:46
 Operator : RC/JU
 Sample : Q1943-01DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250501DL

Quant Time: May 07 22:48:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 15:35:03 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

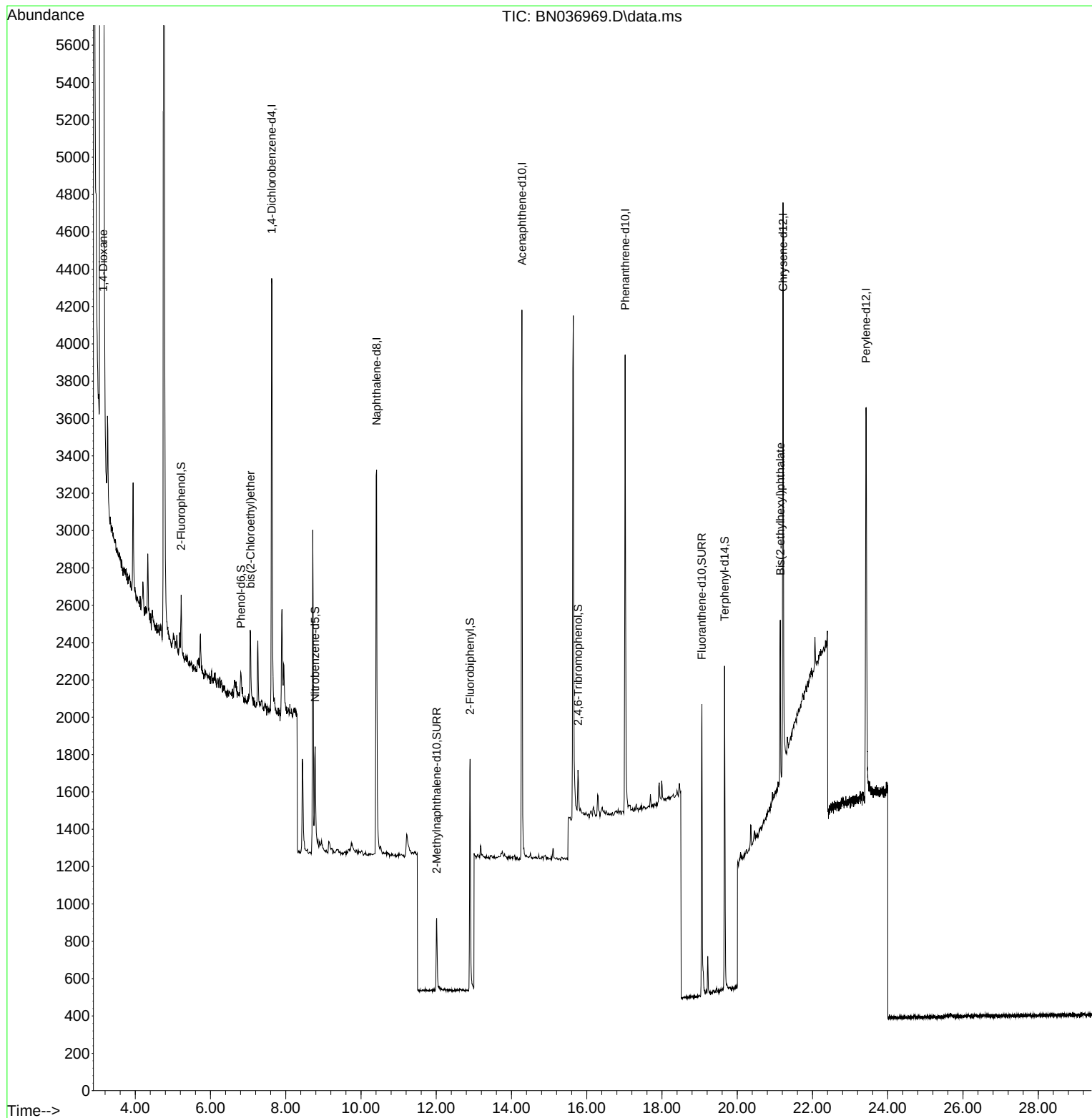
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.626	152	1228	0.400	ng	0.00
7) Naphthalene-d8	10.415	136	3122	0.400	ng	0.00
13) Acenaphthene-d10	14.277	164	1700	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	3471	0.400	ng	0.00
29) Chrysene-d12	21.215	240	3025	0.400	ng	0.00
35) Perylene-d12	23.424	264	2950	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.221	112	228	0.073	ng	0.00
5) Phenol-d6	6.809	99	128	0.033	ng	0.00
8) Nitrobenzene-d5	8.781	82	528	0.162	ng	0.00
11) 2-Methylnaphthalene-d10	12.011	152	642	0.147	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	144	0.190	ng	0.00
15) 2-Fluorobiphenyl	12.899	172	1431	0.174	ng	0.00
27) Fluoranthene-d10	19.059	212	1861	0.207	ng	0.00
31) Terphenyl-d14	19.663	244	1709	0.239	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.148	88	5131	3.353	ng	94
6) bis(2-Chloroethyl)ether	7.062	93	75	0.021	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.144	149	820	0.129	ng	# 98

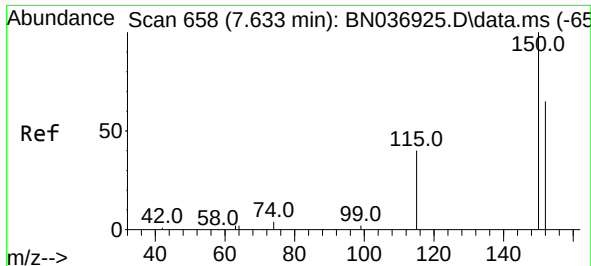
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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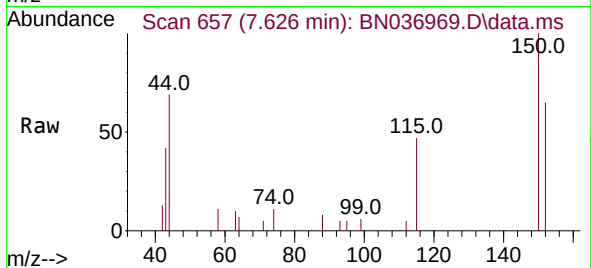
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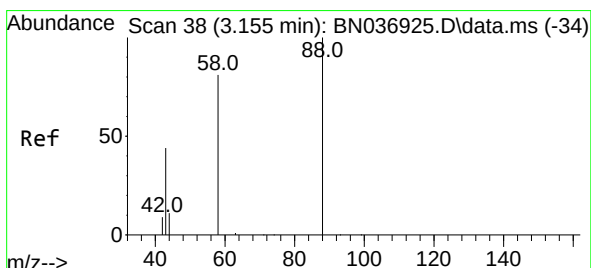
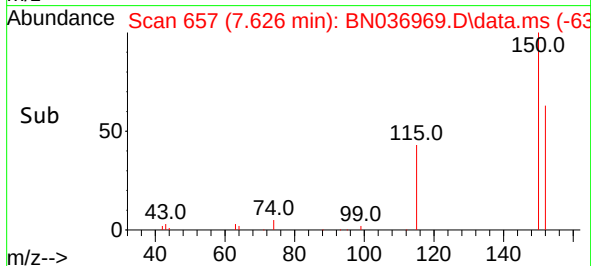
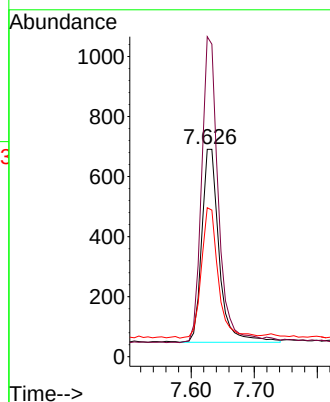
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.626 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN036969.D
 Acq: 07 May 2025 18:46

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250501DL



Tgt Ion:152 Resp: 1228

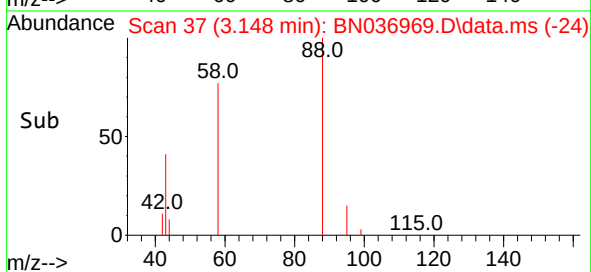
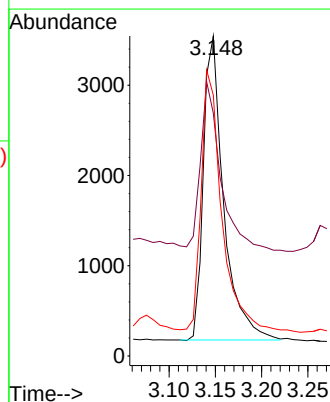
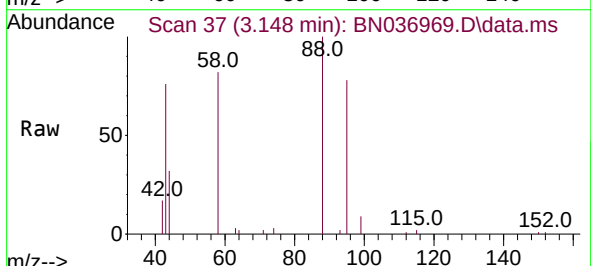
Ion	Ratio	Lower	Upper
152	100		
150	154.3	121.1	181.7
115	71.8	51.8	77.6

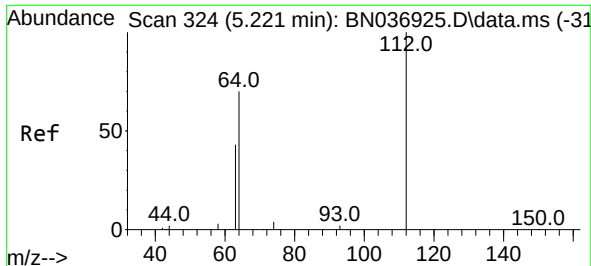


#2
 1,4-Dioxane
 Concen: 3.353 ng
 RT: 3.148 min Scan# 37
 Delta R.T. -0.007 min
 Lab File: BN036969.D
 Acq: 07 May 2025 18:46

Tgt Ion: 88 Resp: 5131

Ion	Ratio	Lower	Upper
88	100		
43	54.7	37.9	56.9
58	85.2	65.8	98.6

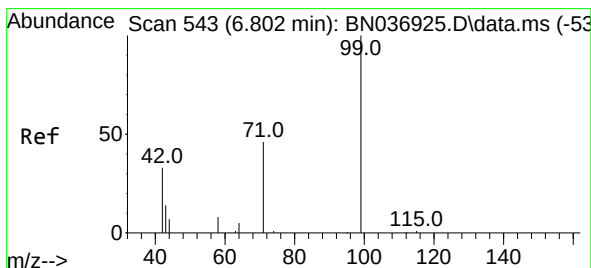
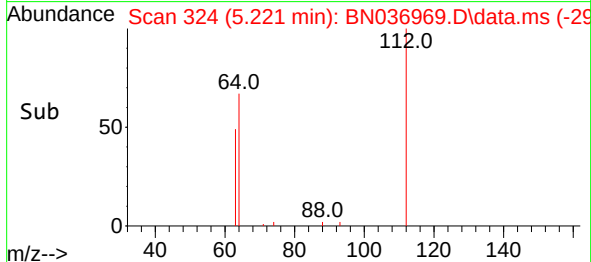
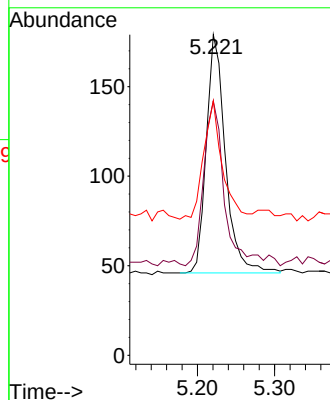
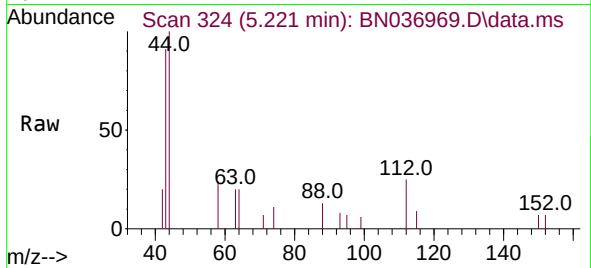




#4
2-Fluorophenol
Concen: 0.073 ng
RT: 5.221 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN036969.D
Acq: 07 May 2025 18:46

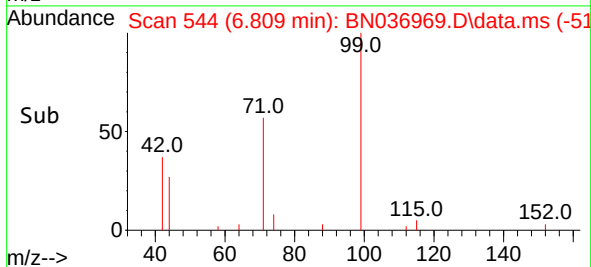
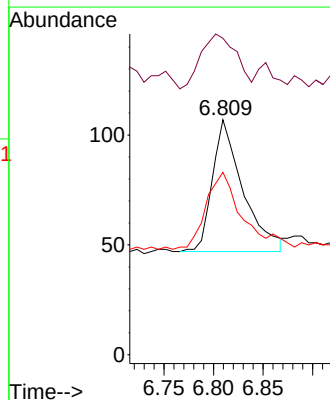
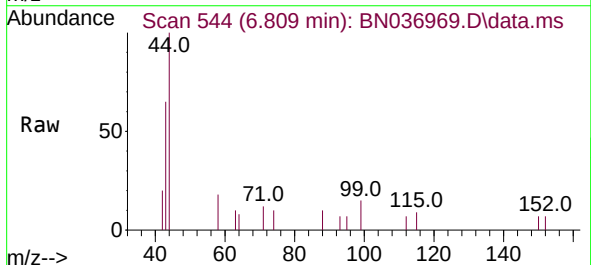
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250501DL

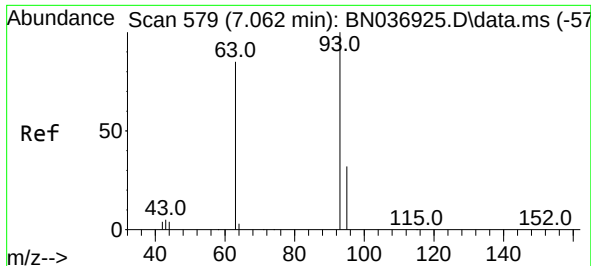
Tgt Ion:112 Resp: 228
Ion Ratio Lower Upper
112 100
64 75.9 55.7 83.5
63 48.2 33.9 50.9



#5
Phenol-d6
Concen: 0.033 ng
RT: 6.809 min Scan# 544
Delta R.T. 0.007 min
Lab File: BN036969.D
Acq: 07 May 2025 18:46

Tgt Ion: 99 Resp: 128
Ion Ratio Lower Upper
99 100
42 51.6 29.6 44.4#
71 70.3 36.0 54.0#

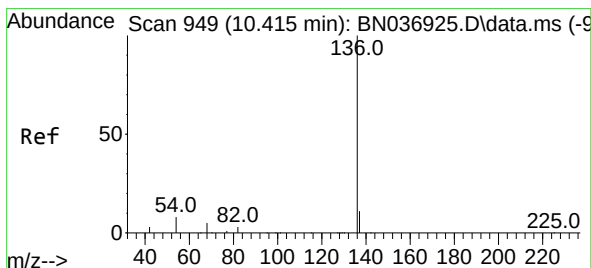
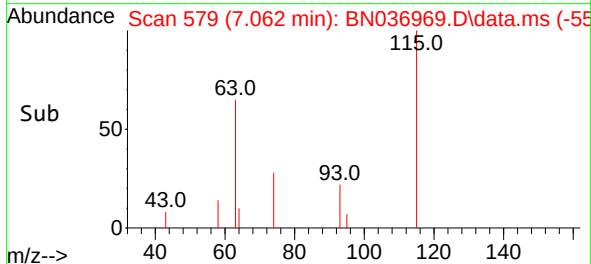
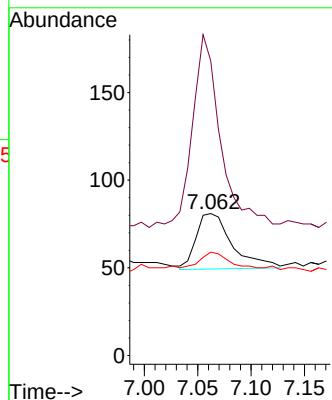
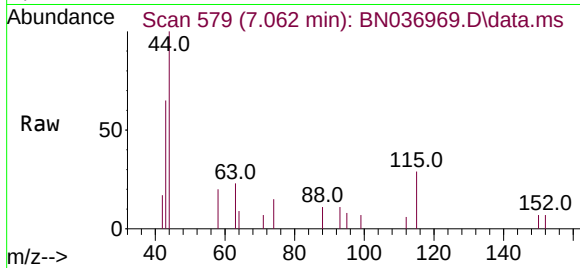




#6
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.062 min Scan# 579
Delta R.T. -0.000 min
Lab File: BN036969.D
Acq: 07 May 2025 18:46

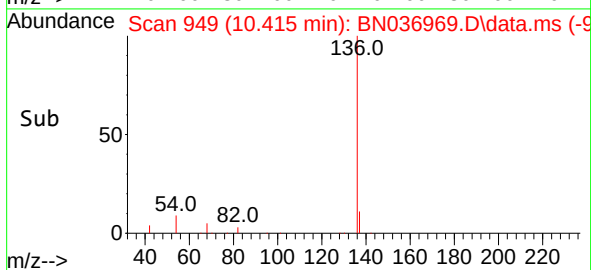
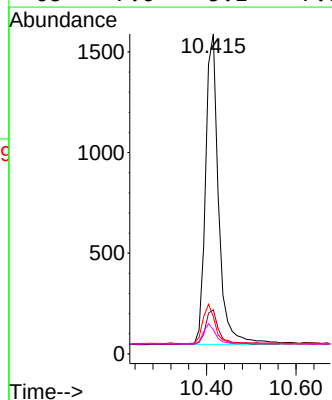
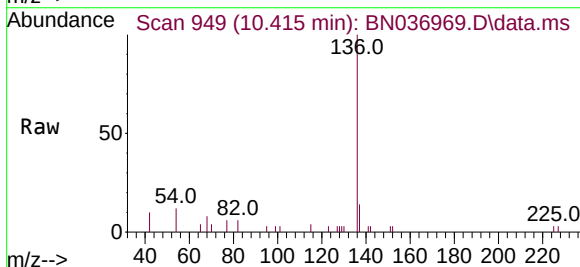
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250501DL

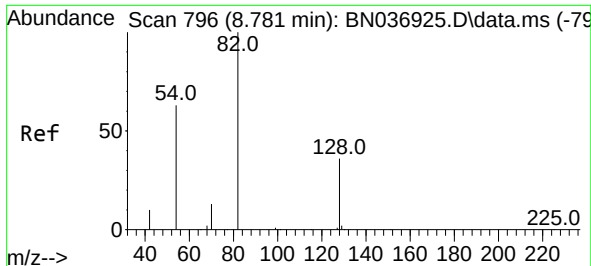
Tgt Ion: 93 Resp: 75
Ion Ratio Lower Upper
93 100
63 278.7 69.0 103.6#
95 38.7 25.4 38.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.415 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN036969.D
Acq: 07 May 2025 18:46

Tgt Ion: 136 Resp: 3122
Ion Ratio Lower Upper
136 100
137 13.8 9.7 14.5
54 11.6 8.0 12.0
68 7.6 5.1 7.7

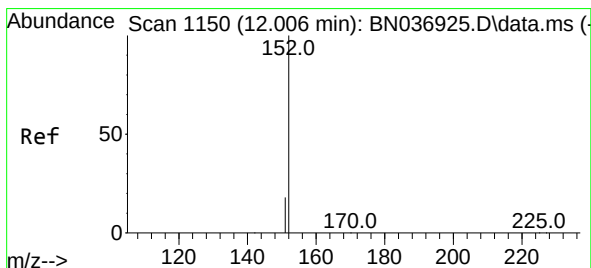
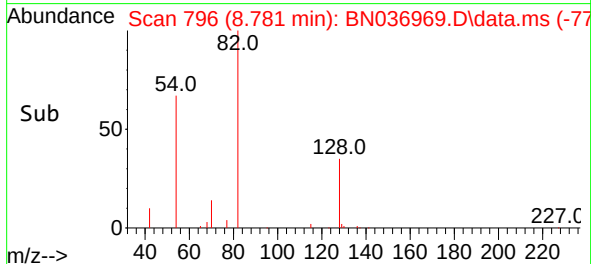
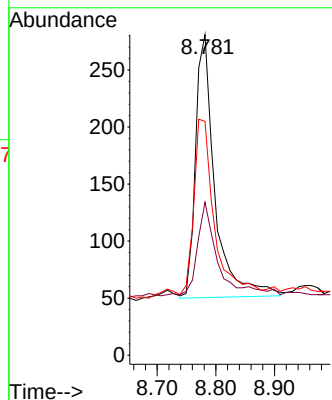
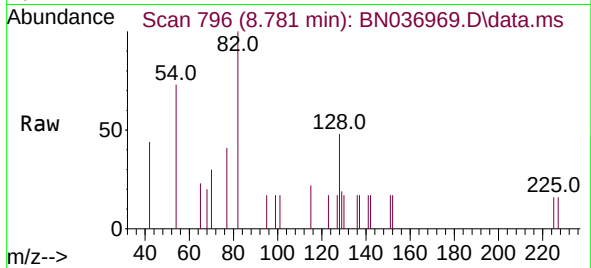




#8
 Nitrobenzene-d5
 Concen: 0.162 ng
 RT: 8.781 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: BN036969.D
 Acq: 07 May 2025 18:46

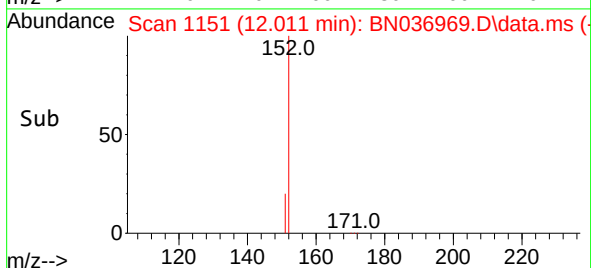
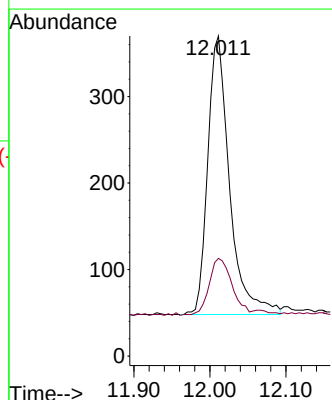
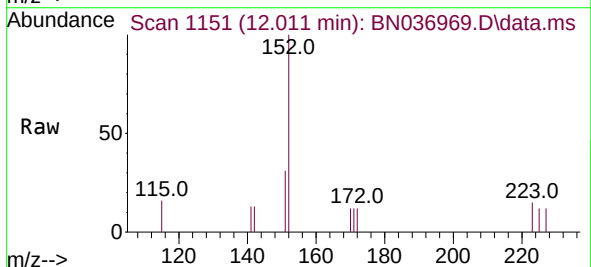
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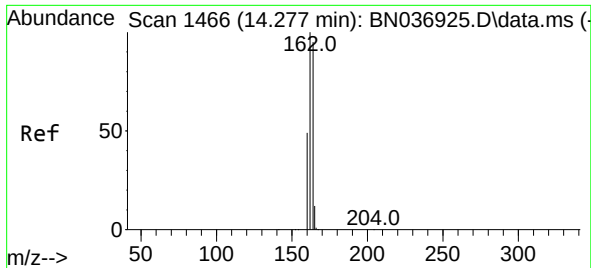
Tgt Ion: 82 Resp: 528
 Ion Ratio Lower Upper
 82 100
 128 47.7 30.7 46.1#
 54 73.0 52.1 78.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.147 ng
 RT: 12.011 min Scan# 1151
 Delta R.T. 0.005 min
 Lab File: BN036969.D
 Acq: 07 May 2025 18:46

Tgt Ion: 152 Resp: 642
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.9 25.3

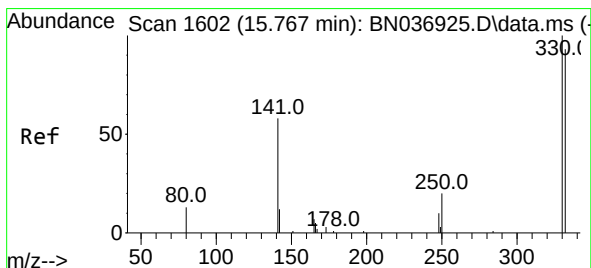
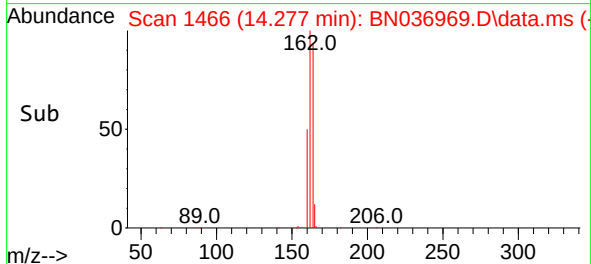
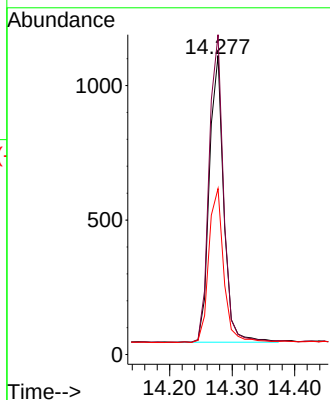
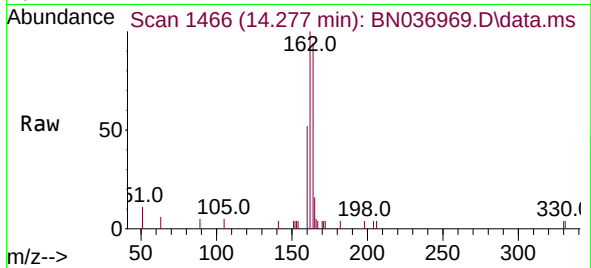




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.277 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BN036969.D
Acq: 07 May 2025 18:46

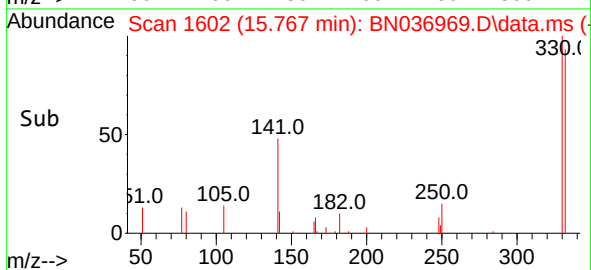
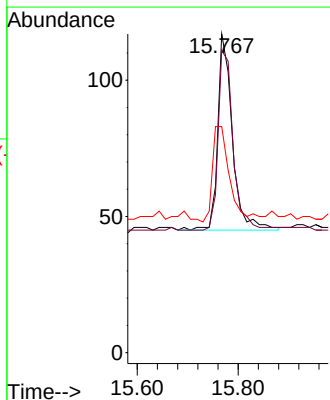
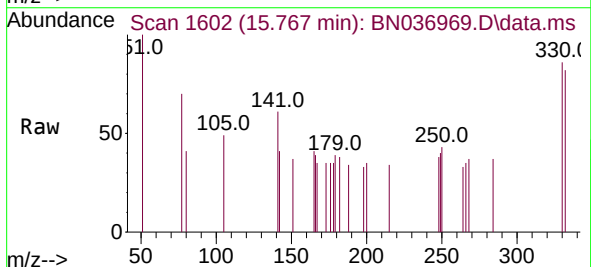
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250501DL

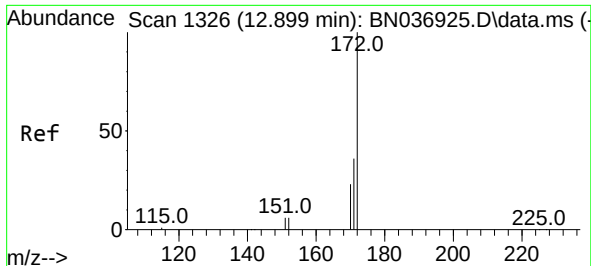
Tgt Ion:164 Resp: 1700
Ion Ratio Lower Upper
164 100
162 106.9 83.8 125.8
160 55.5 42.0 63.0



#14
2,4,6-Tribromophenol
Concen: 0.190 ng
RT: 15.767 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BN036969.D
Acq: 07 May 2025 18:46

Tgt Ion:330 Resp: 144
Ion Ratio Lower Upper
330 100
332 95.8 76.3 114.5
141 57.6 45.4 68.2

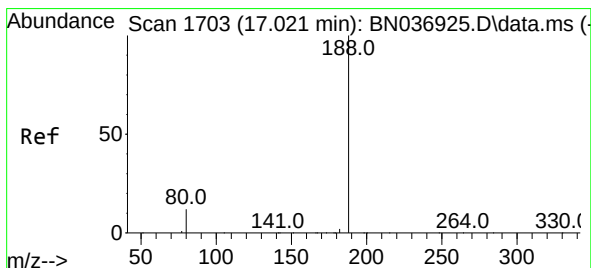
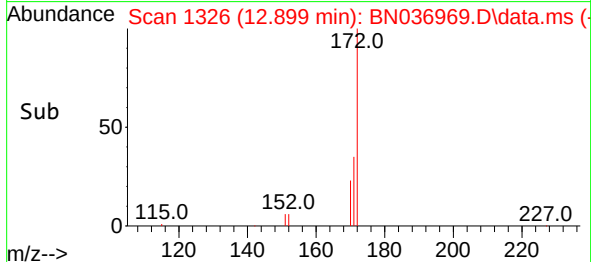
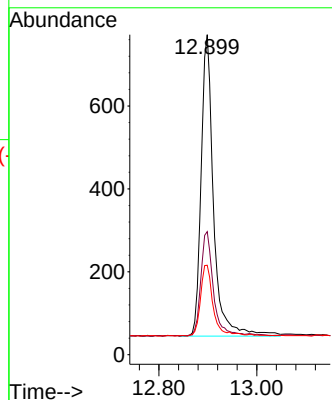
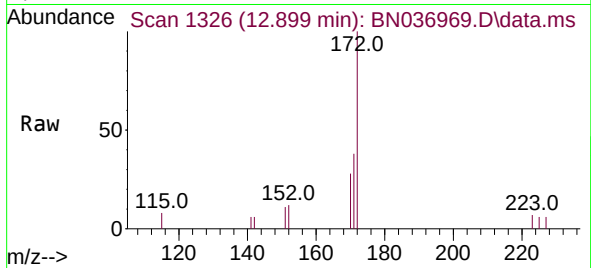




#15
2-Fluorobiphenyl
Concen: 0.174 ng
RT: 12.899 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN036969.D
Acq: 07 May 2025 18:46

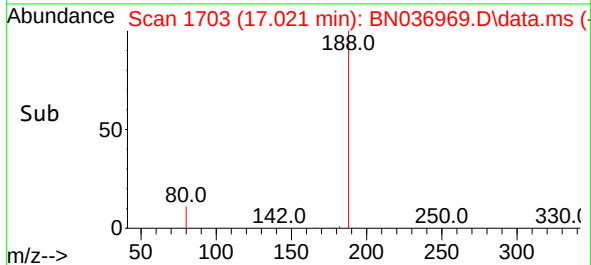
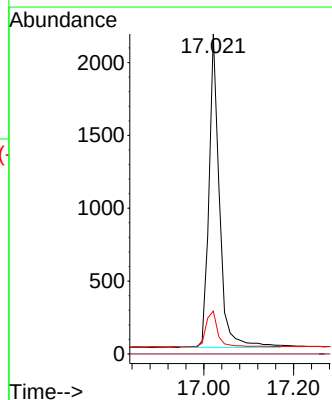
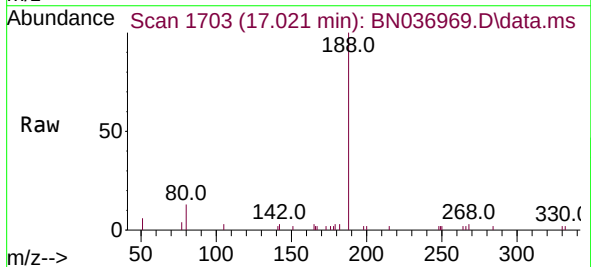
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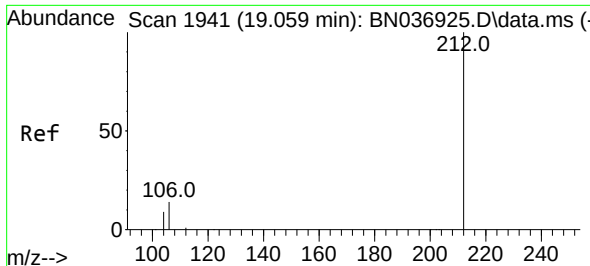
Tgt Ion:172 Resp: 1431
Ion Ratio Lower Upper
172 100
171 38.5 29.4 44.0
170 28.0 19.4 29.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.021 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BN036969.D
Acq: 07 May 2025 18:46

Tgt Ion:188 Resp: 3471
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 10.7 16.1

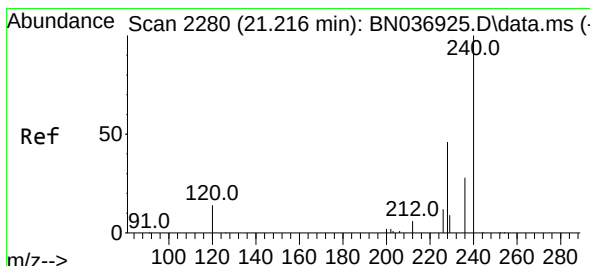
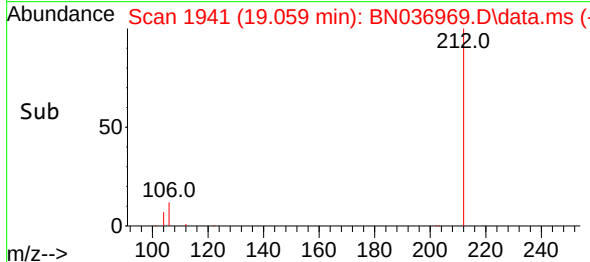
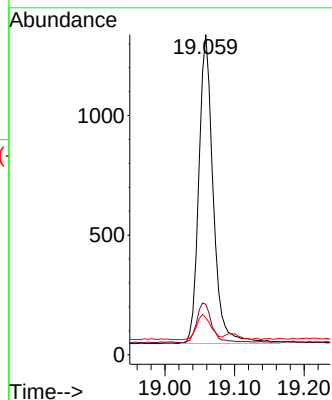
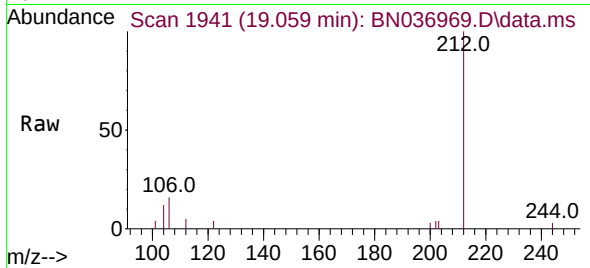




#27
Fluoranthene-d10
Concen: 0.207 ng
RT: 19.059 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BN036969.D
Acq: 07 May 2025 18:46

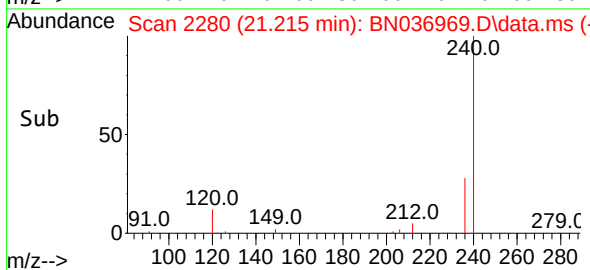
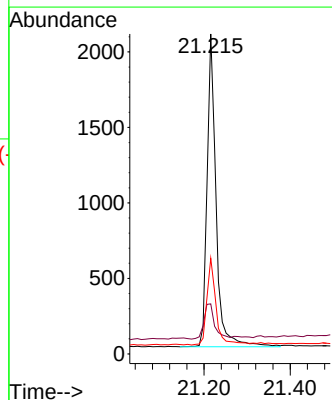
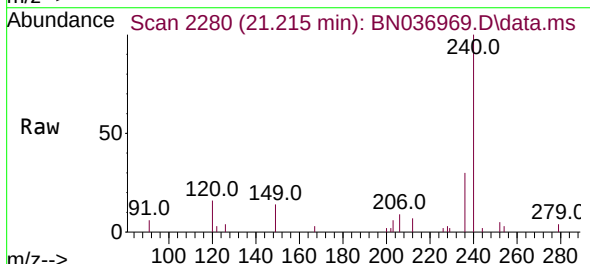
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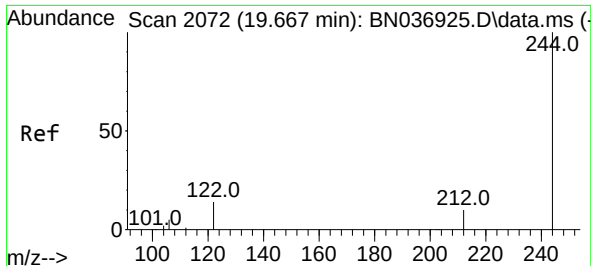
Tgt Ion:212 Resp: 1861
Ion Ratio Lower Upper
212 100
106 13.5 11.6 17.4
104 8.2 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.215 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BN036969.D
Acq: 07 May 2025 18:46

Tgt Ion:240 Resp: 3025
Ion Ratio Lower Upper
240 100
120 15.6 14.1 21.1
236 29.9 23.8 35.8

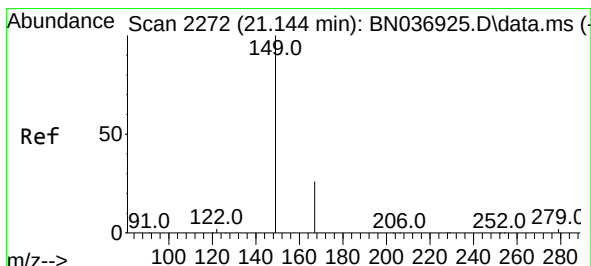
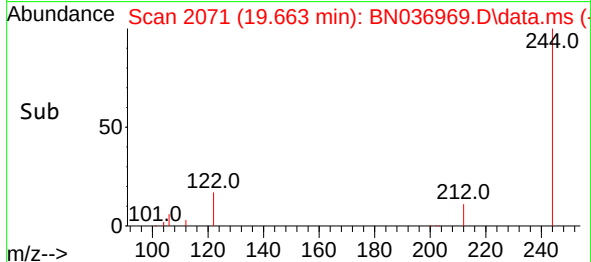
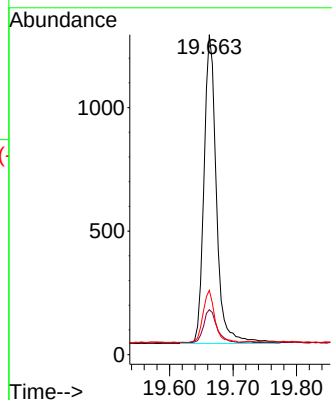
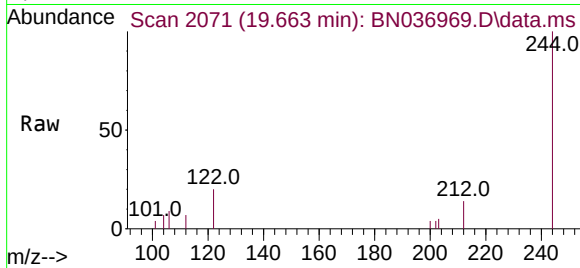




#31
 Terphenyl-d14
 Concen: 0.239 ng
 RT: 19.663 min Scan# 2072
 Delta R.T. -0.005 min
 Lab File: BN036969.D
 Acq: 07 May 2025 18:46

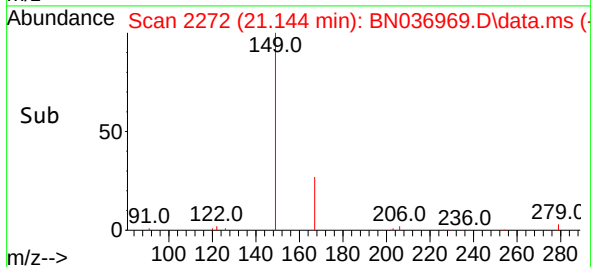
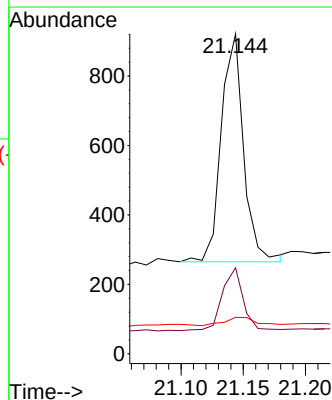
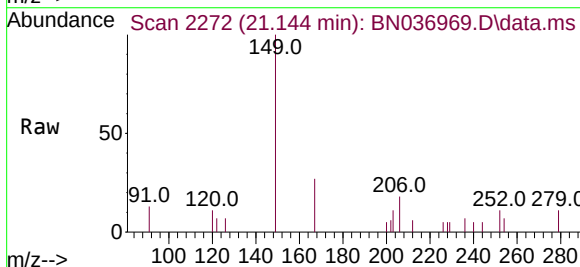
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250501DL

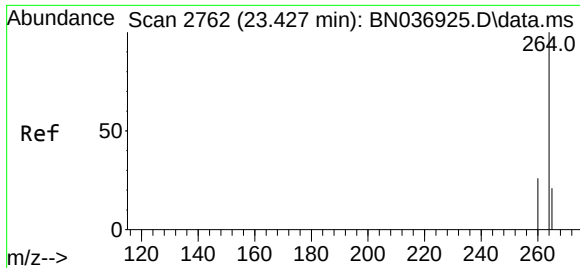
Tgt Ion:244 Resp: 1709
 Ion Ratio Lower Upper
 244 100
 212 14.1 9.6 14.4
 122 20.1 12.7 19.1#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.129 ng
 RT: 21.144 min Scan# 2272
 Delta R.T. -0.000 min
 Lab File: BN036969.D
 Acq: 07 May 2025 18:46

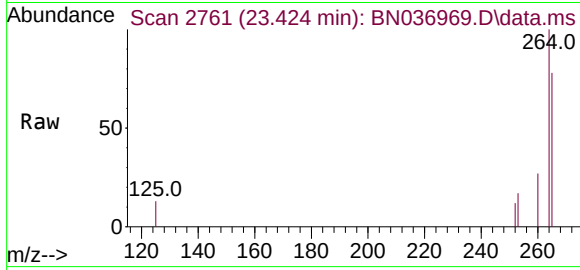
Tgt Ion:149 Resp: 820
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.0 31.6
 279 5.2 2.7 4.1#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.424 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN036969.D
Acq: 07 May 2025 18:46

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250501DL



Tgt Ion:264 Resp: 2950

Ion	Ratio	Lower	Upper
264	100		
260	27.3	22.2	33.2
265	77.7	65.8	98.6

