Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
Data File : BN038034.D
Acq On : 07 Oct 2025 06:46
Operator : RC/JU
Sample : Q3235-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250926

Quant Time: Oct 07 08:10:16 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	9297	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	26599	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	14078	0.400	ng	-0.01
19) Phenanthrene-d10	17.210	188	27781	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	15883	0.400	ng	0.00
35) Perylene-d12	23.712	264	12313	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	2932	0.138	ng	0.00
5) Phenol-d6	6.959	99	2275	0.082	ng	-0.01
8) Nitrobenzene-d5	8.950	82	7898	0.389	ng	-0.02
11) 2-Methylnaphthalene-d10	12.202	152	11870	0.321	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	1421	0.266	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	23738	0.412	ng	-0.01
27) Fluoranthene-d10	19.238	212	23992	0.343	ng	-0.01
31) Terphenyl-d14	19.838	244	19523	0.617	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.283	88	53234	5.640	ng	99
6) bis(2-Chloroethyl)ether	7.219	93	1111	0.043	ng	98
34) Bis(2-ethylhexyl)phtha...	21.313	149	1542	0.070	ng	# 99

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

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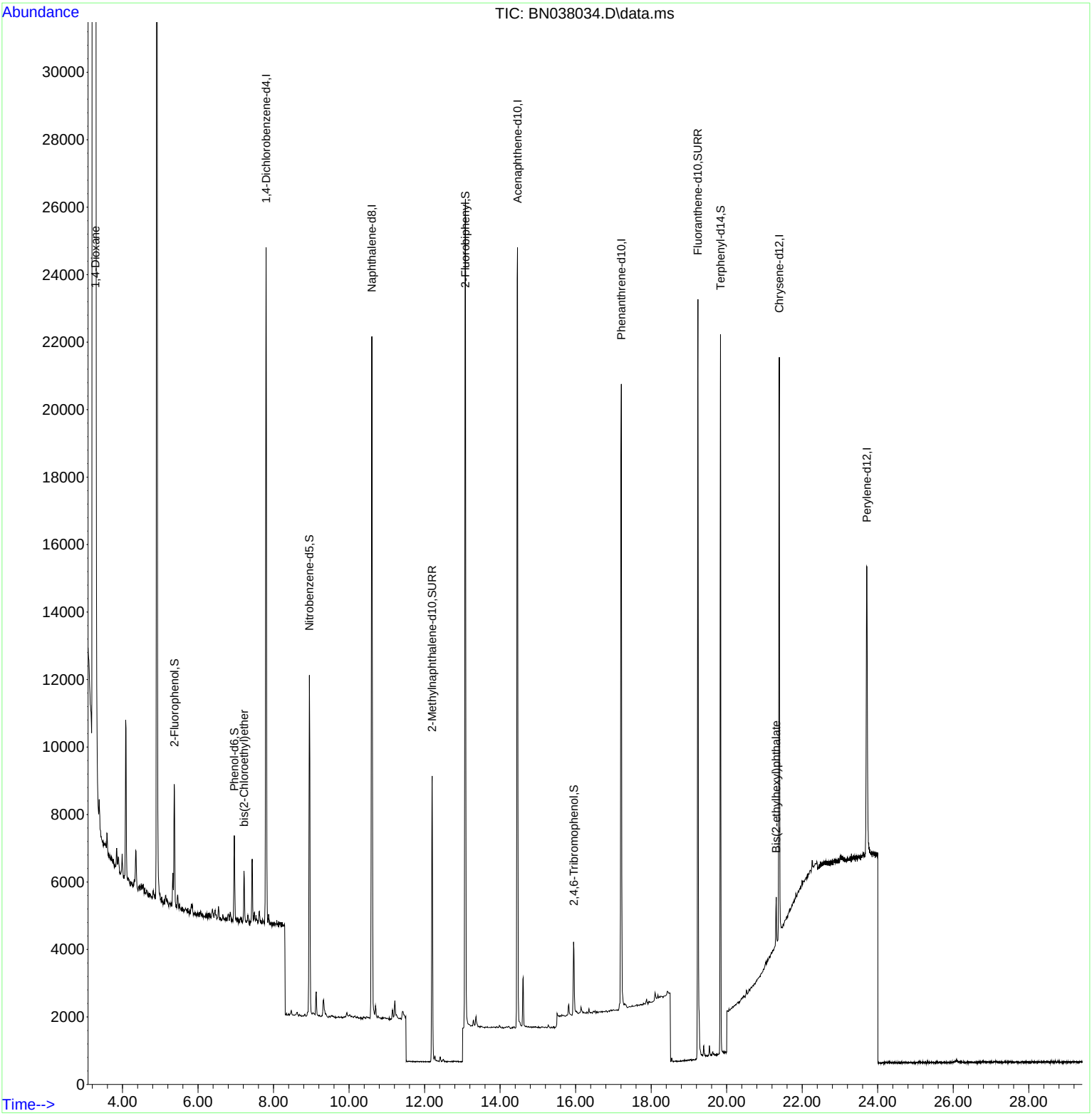
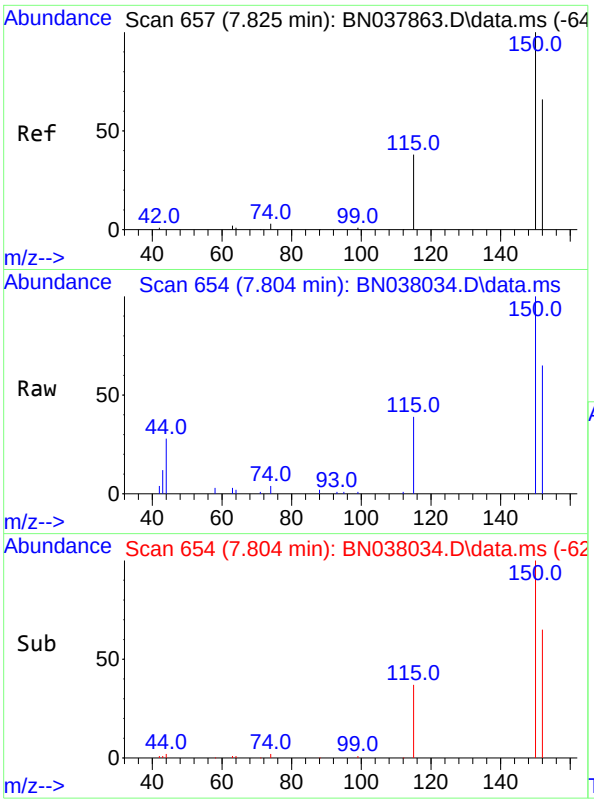


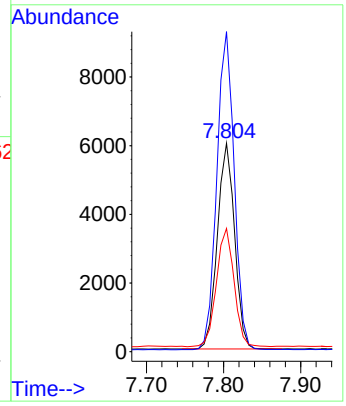


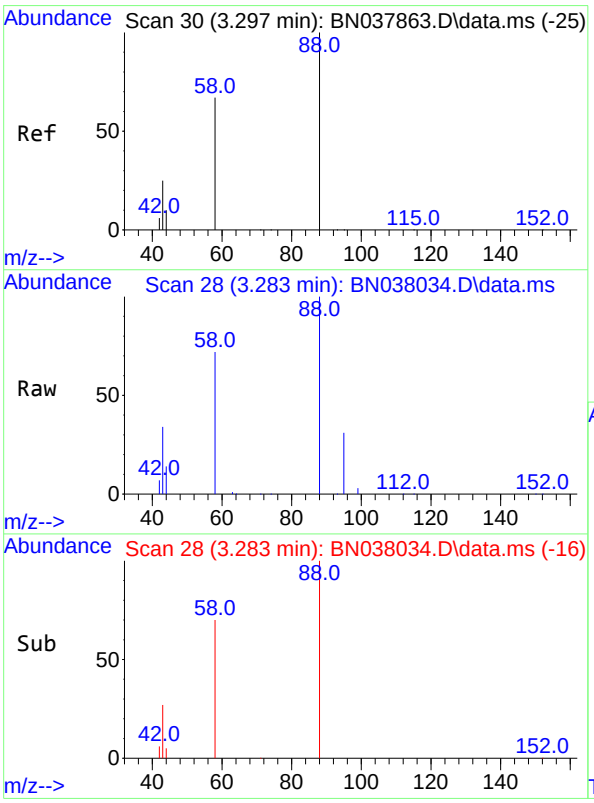
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 6
Delta R.T. -0.021 min
Lab File: BN038034.D
Acq: 07 Oct 2025 06:46

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250926

Tgt Ion:152 Resp: 9297

Ion	Ratio	Lower	Upper
152	100		
150	153.5	121.0	181.4
115	59.1	47.4	71.0

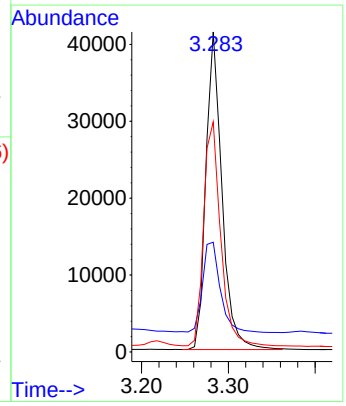


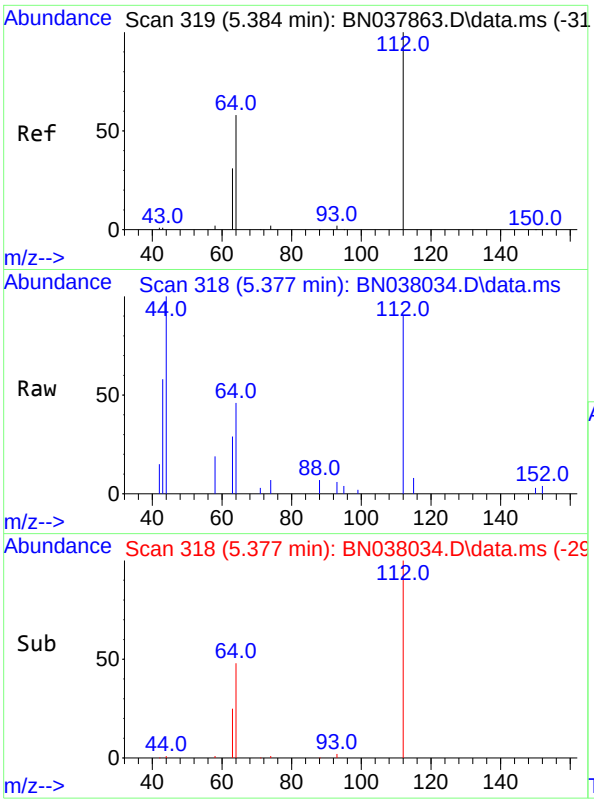


#2
1,4-Dioxane
Concen: 5.640 ng
RT: 3.283 min Scan# 28
Delta R.T. -0.015 min
Lab File: BN038034.D
Acq: 07 Oct 2025 06:46

Tgt Ion: 88 Resp: 53234

Ion	Ratio	Lower	Upper
88	100		
43	31.7	26.6	39.8
58	74.1	58.9	88.3



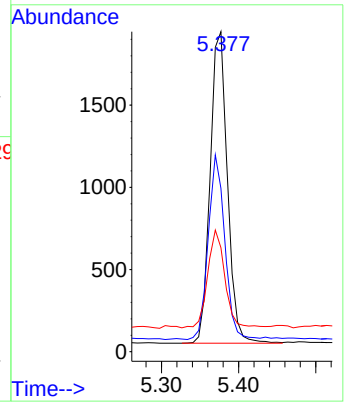


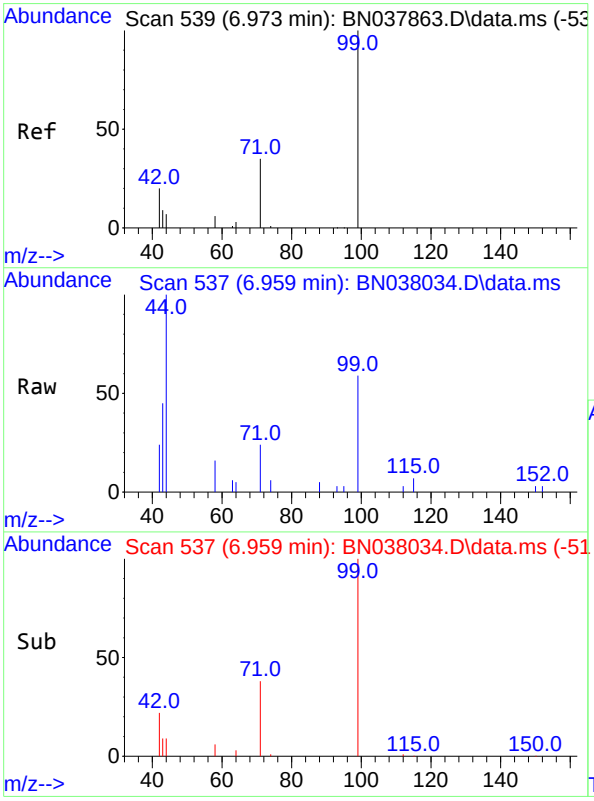
#4
2-Fluorophenol
Concen: 0.138 ng
RT: 5.377 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN038034.D
Acq: 07 Oct 2025 06:46

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250926

Tgt Ion:112 Resp: 2932

Ion	Ratio	Lower	Upper
112	100		
64	57.1	44.6	66.8
63	31.4	24.9	37.3

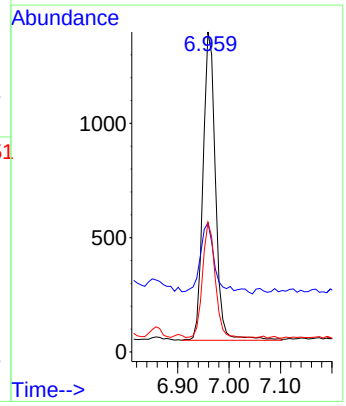


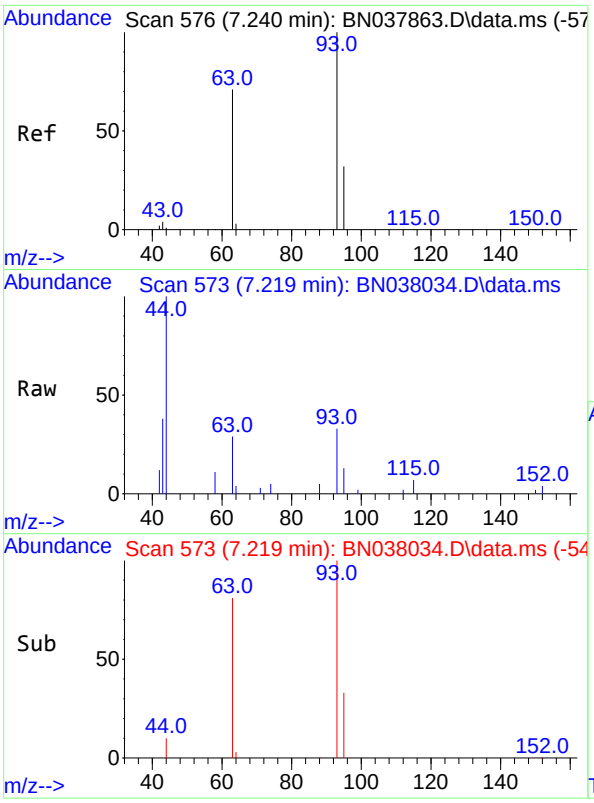


#5
Phenol-d6
Concen: 0.082 ng
RT: 6.959 min Scan# 537
Delta R.T. -0.015 min
Lab File: BN038034.D
Acq: 07 Oct 2025 06:46

Tgt Ion: 99 Resp: 2275

Ion	Ratio	Lower	Upper
99	100		
42	23.6	17.2	25.8
71	37.7	27.3	40.9



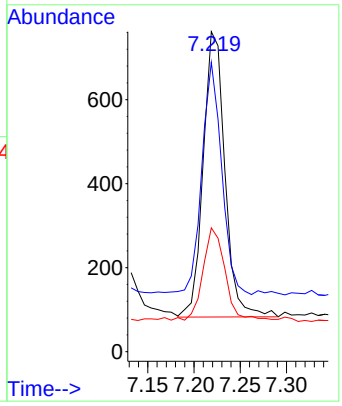


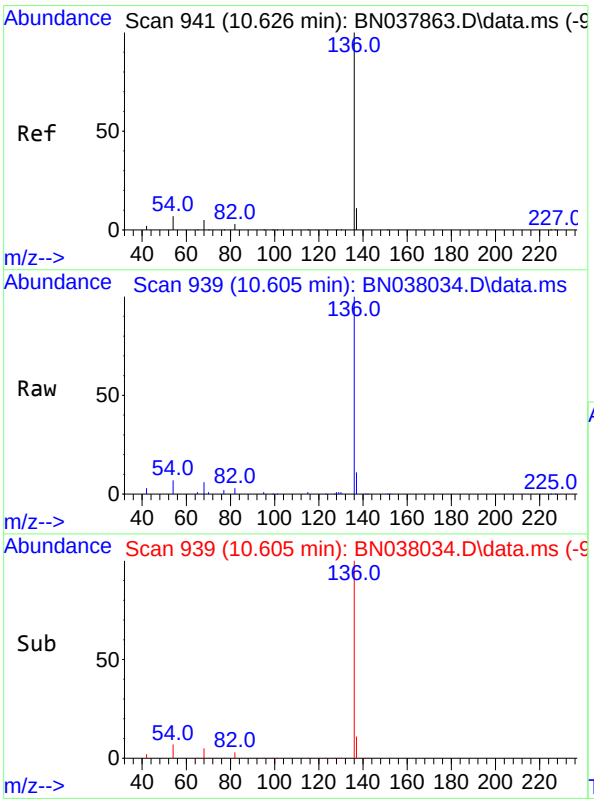
#6
bis(2-Chloroethyl)ether
Concen: 0.043 ng
RT: 7.219 min Scan# 5
Delta R.T. -0.022 min
Lab File: BN038034.D
Acq: 07 Oct 2025 06:46

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250926

Tgt Ion: 93 Resp: 1111

Ion	Ratio	Lower	Upper
93	100		
63	74.5	60.1	90.1
95	34.6	25.4	38.2

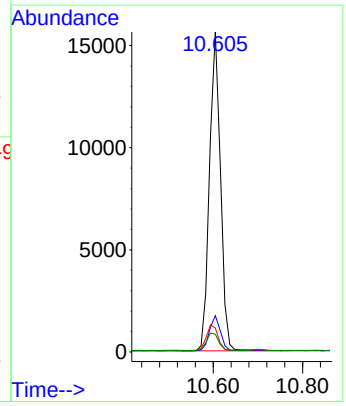


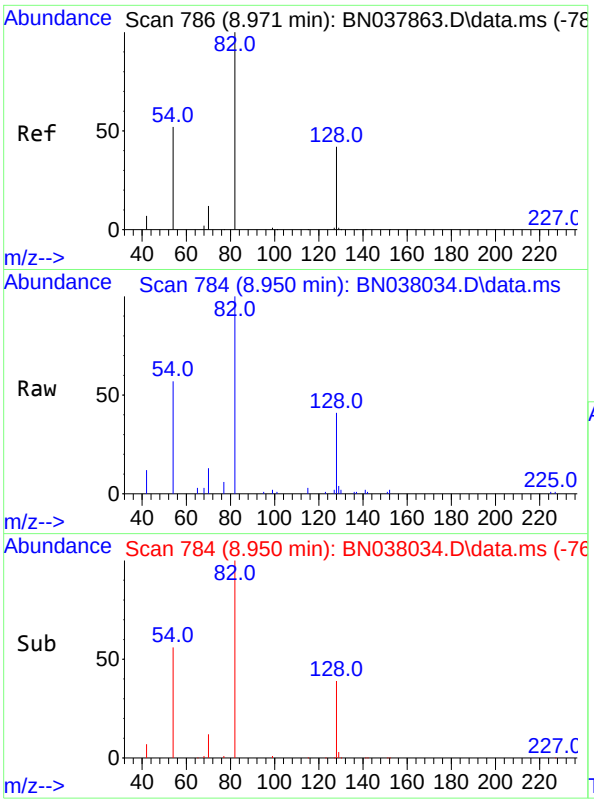


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 939
Delta R.T. -0.022 min
Lab File: BN038034.D
Acq: 07 Oct 2025 06:46

Tgt Ion:136 Resp: 26599

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.4	5.8	8.8
68	5.5	4.3	6.5



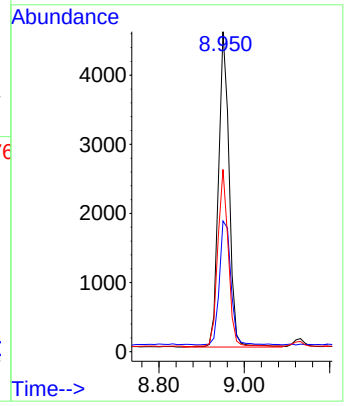


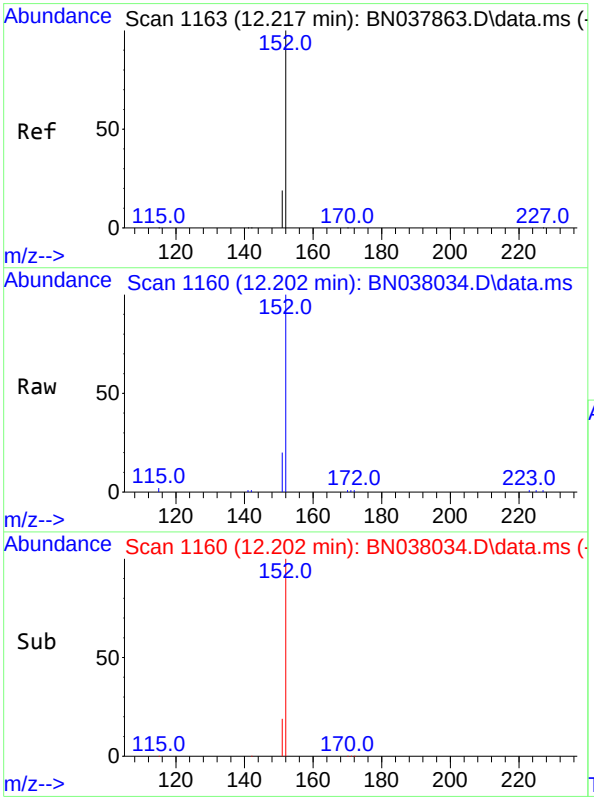
#8
Nitrobenzene-d5
Concen: 0.389 ng
RT: 8.950 min Scan# 7
Delta R.T. -0.022 min
Lab File: BN038034.D
Acq: 07 Oct 2025 06:46

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250926

Tgt Ion: 82 Resp: 7898

Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.8	52.2
54	57.0	42.2	63.2

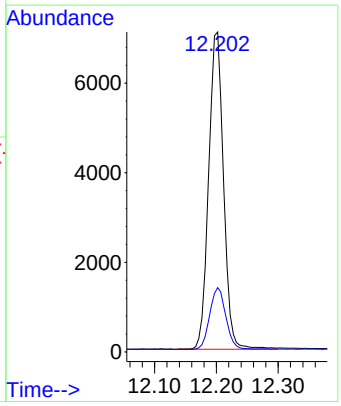


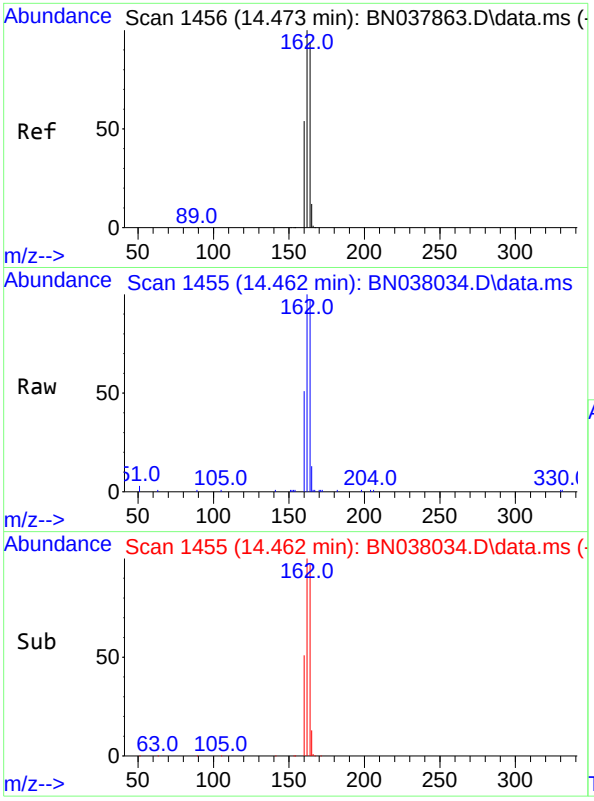


#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 12.202 min Scan# 1160
Delta R.T. -0.015 min
Lab File: BN038034.D
Acq: 07 Oct 2025 06:46

Tgt Ion:152 Resp: 11870

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.4	26.2



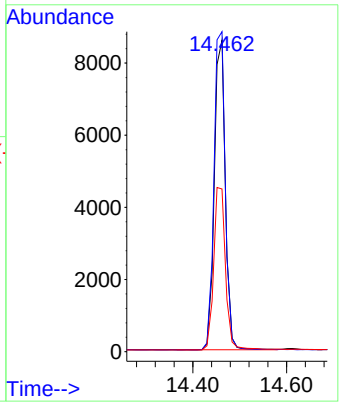


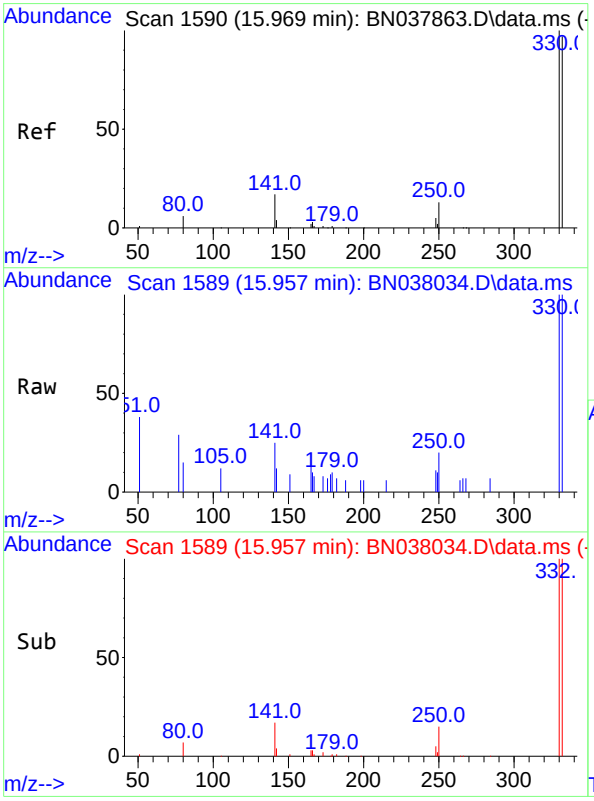
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038034.D
Acq: 07 Oct 2025 06:46

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250926

Tgt Ion:164 Resp: 14078

Ion	Ratio	Lower	Upper
164	100		
162	102.8	84.8	127.2
160	52.3	46.1	69.1

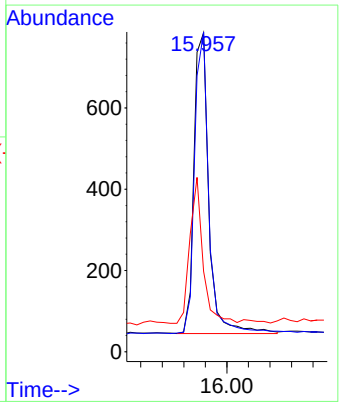


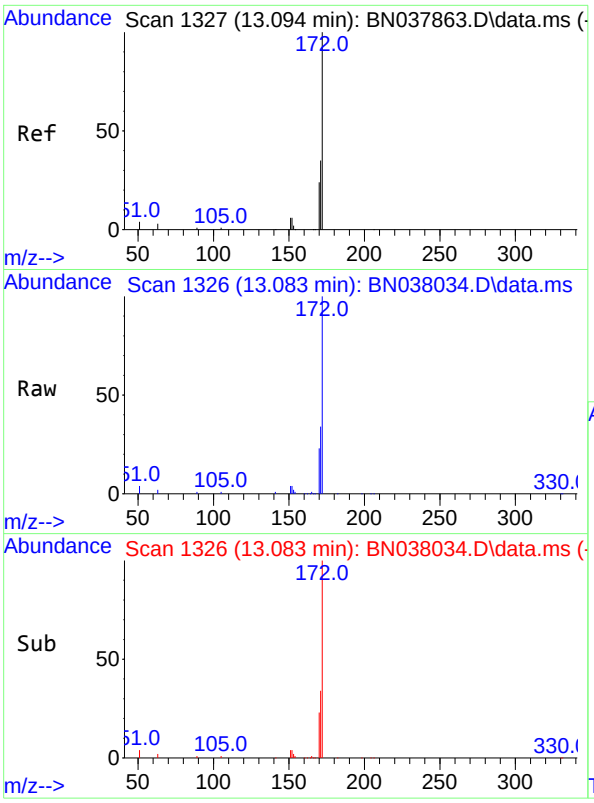


#14
2,4,6-Tribromophenol
Concen: 0.266 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN038034.D
Acq: 07 Oct 2025 06:46

Tgt Ion:330 Resp: 1421

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.2	115.8
141	43.1	37.2	55.8



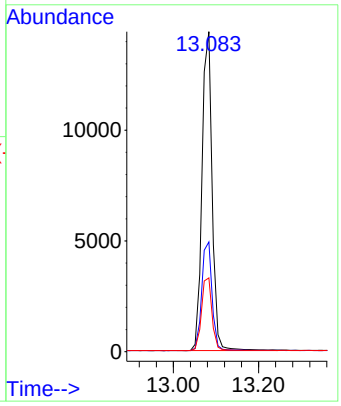


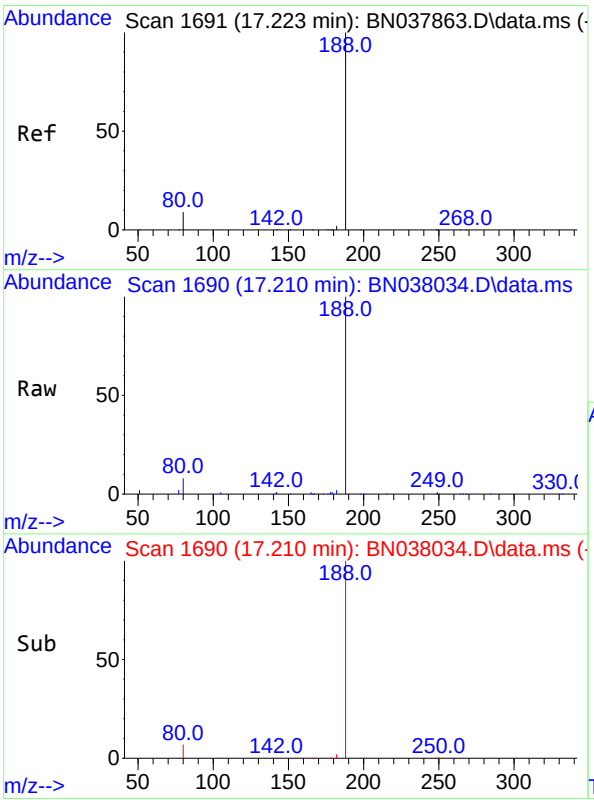
#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 13.083 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN038034.D
Acq: 07 Oct 2025 06:46

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250926

Tgt Ion:172 Resp: 23738

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.6	43.0
170	23.1	19.7	29.5

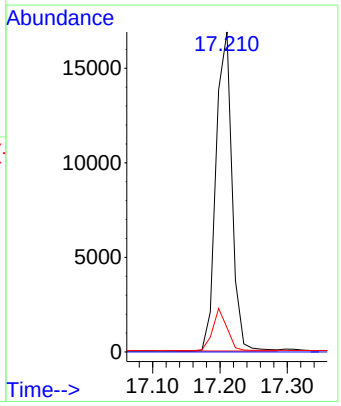


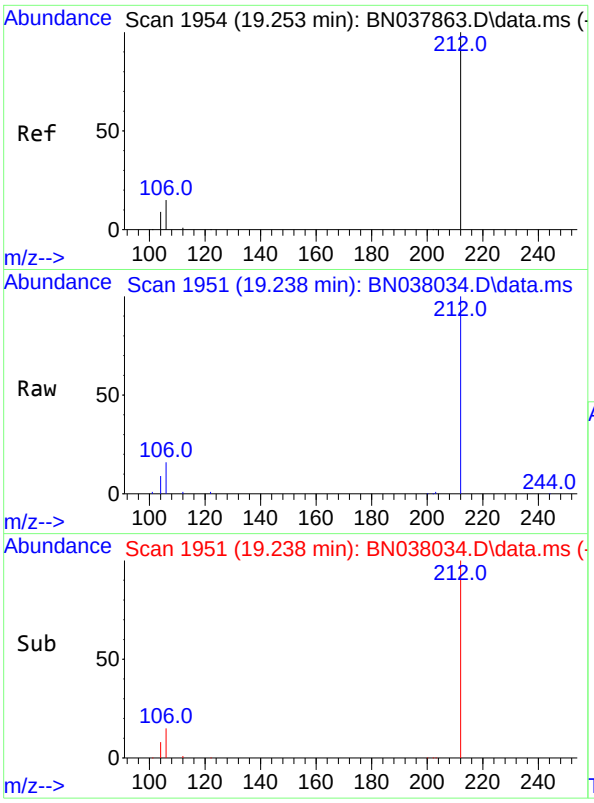


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.210 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN038034.D
Acq: 07 Oct 2025 06:46

Tgt Ion:188 Resp: 27781

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	7.6	11.4#



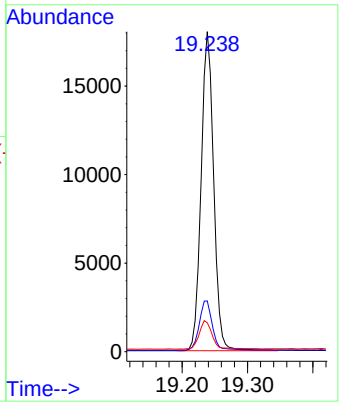


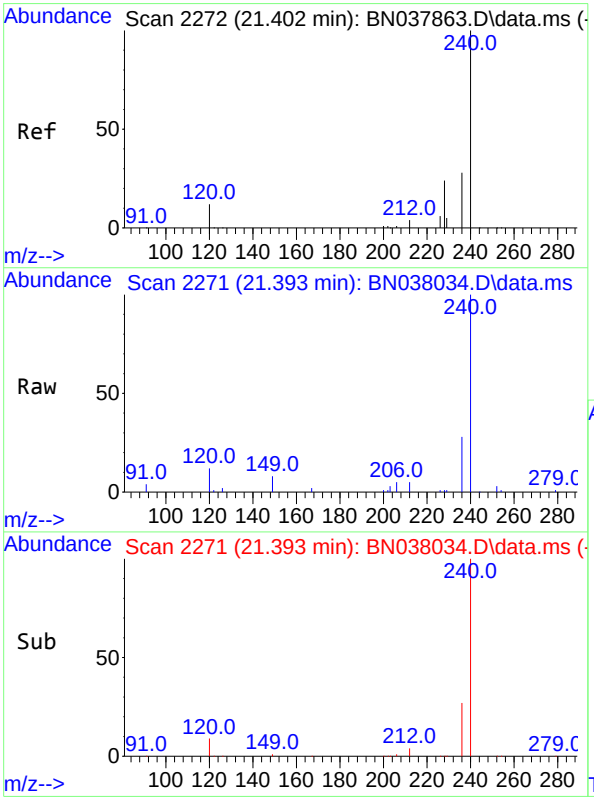
#27
Fluoranthene-d10
Concen: 0.343 ng
RT: 19.238 min Scan# 1
Delta R.T. -0.014 min
Lab File: BN038034.D
Acq: 07 Oct 2025 06:46

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250926

Tgt Ion:212 Resp: 23992

Ion	Ratio	Lower	Upper
212	100		
106	16.1	12.6	19.0
104	9.4	7.4	11.0

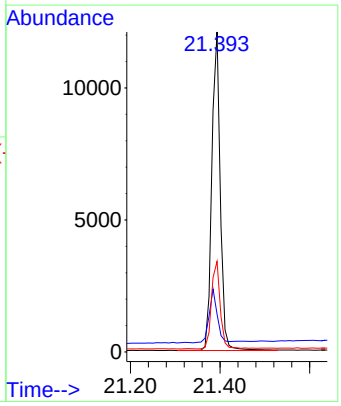


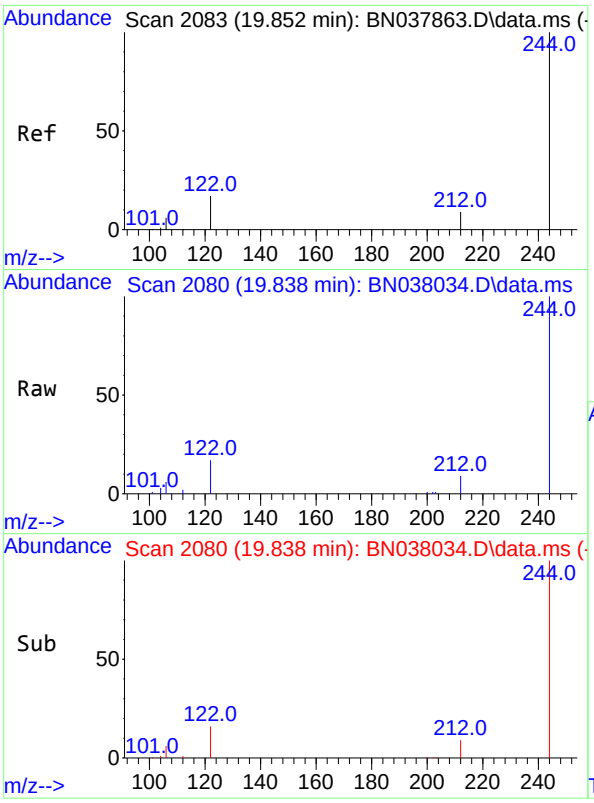


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN038034.D
Acq: 07 Oct 2025 06:46

Tgt Ion:240 Resp: 15883

Ion	Ratio	Lower	Upper
240	100		
120	11.9	11.4	17.2
236	28.3	23.0	34.6



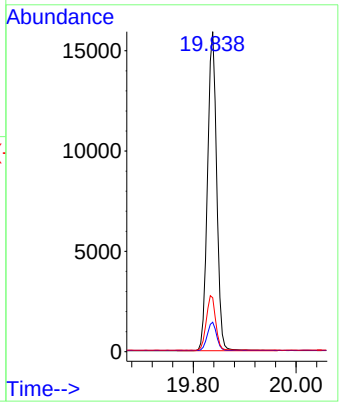


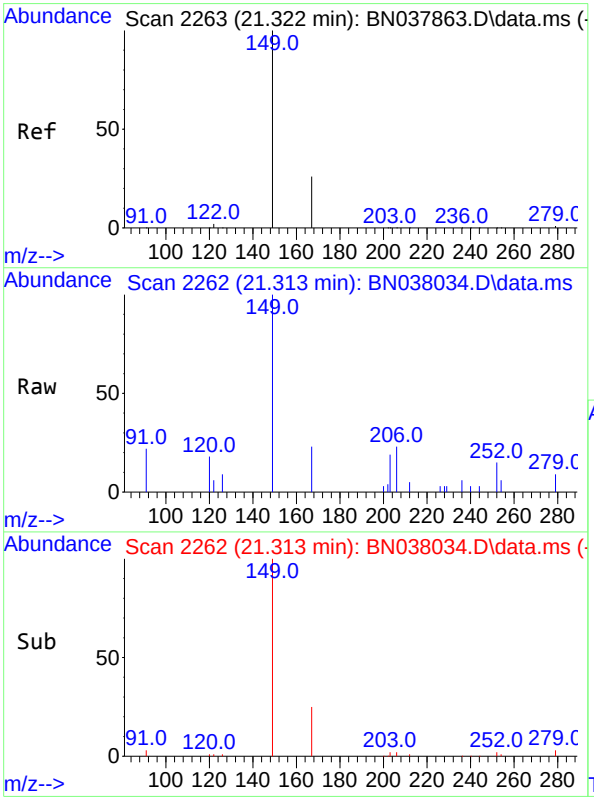
#31
Terphenyl-d14
Concen: 0.617 ng
RT: 19.838 min Scan# 2(
Delta R.T. -0.014 min
Lab File: BN038034.D
Acq: 07 Oct 2025 06:46

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250926

Tgt Ion:244 Resp: 19523

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.6	11.4
122	16.9	13.9	20.9

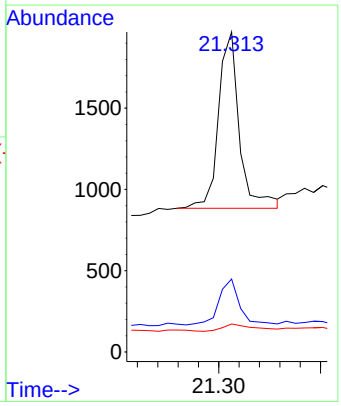


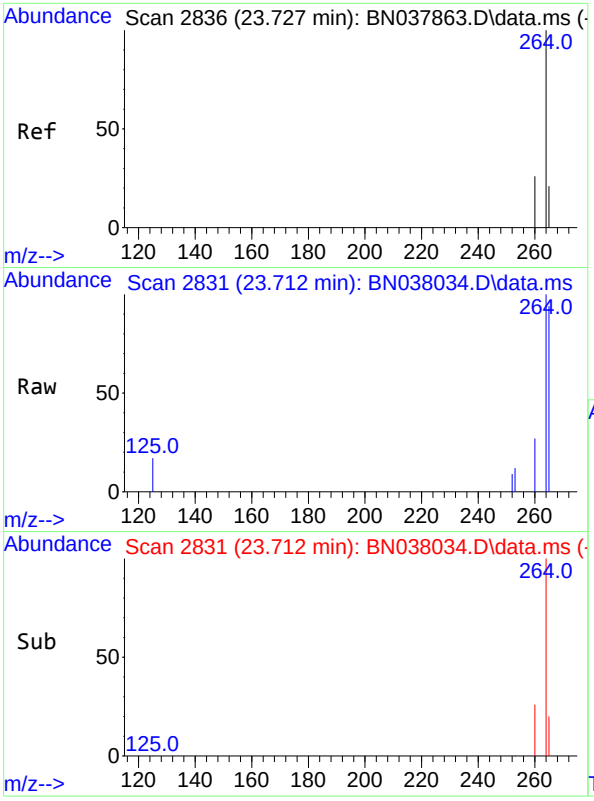


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.070 ng
RT: 21.313 min Scan# 2262
Delta R.T. -0.009 min
Lab File: BN038034.D
Acq: 07 Oct 2025 06:46

Tgt Ion:149 Resp: 1542

Ion	Ratio	Lower	Upper
149	100		
167	25.7	20.4	30.6
279	6.5	2.4	3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.712 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN038034.D
Acq: 07 Oct 2025 06:46

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250926

Tgt Ion:264 Resp: 12313

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.5	32.3
265	94.0	53.8	80.6#